Lancaster Laboratories
2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Type I Data Package
for
Stantec

SDG# ASX04

Project: Amtrak Wilmington
Soil and Water Samples
Collected on 08/26/08

GROUP	SAMPLE NUMBERS
1107635	5454409-5454429

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521

Prepared by _____

Reviewed by _____

Date 10/6/08

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Sample Reference List for SDG Number ASX04 with a Data Package Type of I

11289 - Stantec

Project: Amtrak Wilmington

Lab Sample Number	Lab Sample Code	Client Sample Description
5454409	AMSS1	SS-1 Grab Soil Sample
5454410	AMSS2	SS-2 Grab Soil Sample
5454411	AMSS3	SS-3 Grab Soil Sample
5454412	AMSS4	SS-4 Grab Soil Sample
5454413	AMSS5	SS-5 Grab Soil Sample
5454414	AMSSX	SS-X(082608) Grab Soil Sample
5454415	AMSS6	SS-6 Grab Soil Sample
5454416	AMSS7	SS-7 Grab Soil Sample
5454417	AMSS8	SS-8 Grab Soil Sample
5454418	AMSS9	SS-9 Grab Soil Sample
5454419	AMS10	SS-10 Grab Soil Sample
5454420	AMS11	SS-11 Grab Soil Sample
5454421	AMS12	SS-12 Grab Soil Sample
5454422	AMS13	SS-13 Grab Soil Sample
5454423	AMS14	SS-14 Grab Soil Sample
5454424	AMS15	SS-15 Grab Soil Sample
5454425	AMSSY	SS-Y(082608) Grab Soil Sample
5454426	AMS16	SS-16 Grab Soil Sample
5454427	AMS17	SS-17 Grab Soil Sample
5454428	AMS18	SS-18 Grab Soil Sample
5454429	AMSB1	Storage Blank Grab Water Sample

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11289 Group# 1107635 Sample # 5454409-29

COC # 189992

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: Stantec (Secor) Acct. #: 62BT01052.04
Project Name/#: Amtrak-Wilmington PWSID #:
Project Manager: Steve Baggett P.O.#:
Sampler: P. Miller Quote #:
Name of state where samples were collected: Delaware

(4) Matrix

(5) Analyses Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6)

(2) (3)

Sample Identification	Date Collected	Time Collected						PCB 8082	SVOC	MA-EPH	MA-VPH						Remarks
SS-1	8-26-08	915	X		X			1	X								
SS-2		935	X		X			1	X								
SS-3		940	X		X			1	X								
SS-4		950	X		X			1	X								
SS-5		1000	X		X			4	X	X	X	X					
SS-X(082608)		1000	X		X			1	X								
SS-6		1020	X		X			1	X								
SS-7		1030	X		X			1	X								
SS-8		1040	X		X			1	X								
SS-9		1045	X		X			1	X								

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 484-875-3075 Fax #:
E-mail address: steve.baggett@stantec.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-28-08		P. Lefever	8/28/08	1132
P. Lefever	8/28/08	1720			

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11289 Group# 1107635 Sample # 5454409-29

COC # 189993

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC: _____
SCR#: _____

(1)
Client: Stantec (Secor) Acct. #: 6205.01057.04
Project Name/#: Amtrak Wilmington PWSID #: _____
Project Manager: Steve Baggett P.O.#: _____
Sampler: P. Miller Quote #: _____
Name of state where samples were collected: Delaware

(5) Analyses Requested — Preservation Codes

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6)

(2) Sample Identification	Date Collected	Time Collected	(3)		(4)				PCB 8082	SVOC	MA-EPH	MA-VPH						Remarks
SS-10	8-26-08	1050	X		X			1	X									
SS-11		1100	X		X			1	X									
SS-12		1105	X		X			1	X									
SS-13		1130	X		X			1	X									
SS-14		1140	X		X			1	X									
SS-15		1155	X		X			4	X	X	X	X						
SS-Y (082608)		1155	X		X			4	X	X	X	X						
SS-16		1210	X		X			1	X									
SS-17		1215	X		X			1	X									
SS-18		1225	X		X			1	X									

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: _____
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 484 875 3075 Fax #: _____
E-mail address: steve.baggett@stantec.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-28-08		P. Lefever	8/28/08	1132
P. Lefever	8/28/08	1720			
			[signature]	8/28/08	1720

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Secor/Stantec

Date of Receipt: 8/28/08

Time of Receipt: 1720

Source Code: 01

Unpacker Emp. No.: 2308

Shipping Container Sealed: YES (NO)

Custody Seal Present: YES (NO)

Custody Seal Intact: YES NO (NA)

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042482	1.8°C	TB	WI	Y	Bag	
2	↓	1.9°C	↓	↓	↓	L	
3	↓	1.1°C	↓	↓	↓	↓	
4	↓	1.5°C	↓	↓	↓	↓	
5	↓	~~1.1°C~~ 2.6°C	↓	↓	↓	↓	
6	↓	1.2°C	↓	↓	↓	↓	

Number of Trip Blanks received NOT listed on chain of custody: 1

Paperwork Discrepancy/Unpacking Problems: Sample SS-51 ③ 048390 10/1/08

Received 1 extra ~~Sample~~ or ~~SS-51~~ 8/26/08 1750

~~Received 1 trip blank~~ DI H_2O AN @ 8/29/08

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	8/28/08	1942	Unpacking / Storage
[illegible]	8/29/08	0945	Place in Storage or (Entry)
			Entry
			Entry

ASX04 0004

2174.03

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: SECOR / Stanton

Date of Receipt: 8/28/08

Time of Receipt: 1720

Source Code: 01

Unpacker Emp. No.: 2308

Shipping Container Sealed: YES (NO)

Custody Seal Present: YES (NO)

Custody Seal Intact: YES NO (NA)

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	[illegible]	1.4°C	TB	WI	Y	L	
~~2~~							
~~3~~							
~~4~~							
~~5~~							
~~6~~							

Number of Trip Blanks received NOT listed on chain of custody: 1

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	8/28/08	1942	Unpacking / Storage
[illegible]	8/29/08	0945	Place in Storage or (Entry)
			Entry
			Entry

ASX04 0005

2174.03

Chain-of-Custody Record

AS284 0006

Lancaster Laboratories
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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: None Matrix: Soil SDG: ASX04

Sample # Range of Entry Group: 5454409-29 Bottle Type: 96 – soil jars

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5454413,24,25	208 Dahlstrand	SA Storage	8/29/08	1000	Entry to storage	
5454413,24,25	SA Storage	Stratton Roi	8/29/08	2120	Homog	
5454413,24,25	Stratton Roi	Main Storage	8/29/08	2145	Storage	

ASX04 0007

Lancaster Laboratories
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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: HCL Matrix: Water SDG: ASX04

Sample # Range of Entry Group: 5454409-29 Bottle Type: 26 – 40mL vial

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5454429	208 [illegible]	SA Voa Fridge	08/29/08	1000	Entry to Storage	
5454429	SA voa fridge	J. Mertz 1532	9.2.08	03:00	transfer to putaway	
5454429	J. Mertz 1532	Main Voa Storage	9.2.08	06:00	voa Storage	
5454429	Main Storage	KAJ James #260	9/4/08	11:05	Transfer to Dept 25	
5454429 "A" vial	KAJ James #260	Instr #1	9/4/08	11:40	Run for MA-[illegible] analysis	
5454429 "B" vial	KAJ James #260	Dept 25 Refrig	9/4/08	11:40	Dept 25 Storage	
5454429 "A" vial	Instr #1	K.R. James #260	9/5/08	13:40	Remove from Instr #1	
5454429 "A" vial	K.R. James #260	Dept 25 Refrig	9/5/08	13:40	Dept. 25 Storage	
5454429 "A" vial	Dept 25 Refrig	KAJ James #260	10/7/08	06:30	Remove from Refrig	
5454429 "A" vial	KAJ James #260	SA-VOA Refrig	10/7/08	06:30	Entry to Storage	

ASX04 0003

2016.01

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Secure Storage Chain of Custody
Subsample

Client/Project: Stantec Amtrak

Sample # Range for Entry Group: 5454409-29 SDG: ASX04

Preservative: NONE Matrix: Soil Bottle Type: (20) 500 ml Comp

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5454413,24,25	SFuerke 1201	Main Storage	8/29/08	2145	Storage	
5454413,24,25	Storage	AF2140	9/2/08	13:50	Bna Soil extrac	X
5454413,24,25	AF2140	Storage	9/2/08	14:16	main Storage	
5454413,24,25	main Storage	BSCO 189	9/4/08	0830	moisture	
5454413,24,25	BSCO 189	Main Storage	9/4/08	1030	Storage	

ASX04 0089

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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preervative: MeOH Matrix: Soil SDG# ASX04

Sample # Range of Entry Group: 5454409-29 Bottle Type: (59) 125 mL glass jar

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5454413,24,25	208 DaReslund	SA Storage	8/29/08	1000	Entry to storage	
5454413,24,25	SA Storage	Main Storage	8/29/08	2120	Main Storage	
					~~Storage~~	
5454413,24,25	Main Storage	D Tundy 277	9/2/08	0840	MA EPH prep	X
5454413,24,25	D Tundy 277	Main Storage 277	9/2/08	0850	Storage	

ASX04 0010

Lancaster Laboratories
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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: None Matrix: Soil SDG: ASX04

Sample # Range of Entry Group: 5454409-29 Bottle Type: 36 – 250 mL soil jar

Sample Number(s) in Custody	Released By	Received By	Date of Transfer	Time of Transfer	Reason for Change of Custody	Dist., Extr., or Digest Chain Created (X)
5454409-12,14-23,26-28	208 DaNesland	SA Storage	8/29/08	1000	Entry to storage	
5454409-12, 14-23,26-28	SA Storage	Stressler 120'	8/29/08	2120	Homog	
5454409-12,14-23 26-28	Stressler 120'	Main Storage	8/29/08	2145	Storage	
5454409-12,14-23, 26-28	Main Storage	BSCO 189	9/4/08	0830	Moisture	
5454409-12, 14-23, 26-28	BSCO 189	Main Storage	9/4/08	1030	Storage	
5454409-12,14-23,26-28	Main Storage	S. Applegate 50y	9/4/08	17:45	PCB Soils	X
5454409-12,14-23 26-28	S. Applegate 50y	Main Storage	9/4/08	18:15	Storage	
5454417	Main Storage	Stressler 120'	9/5/08	1500	Moist	
5454417	Stressler 120'	Main Storage	9/5/08	1520	Storage	

ASX04-0011

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 08246SLA026

Client Stantec

SDG: ASX04

Analysis: TC8 - Soil/Solid

Sample IDs
5454413 5454424 5454425

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454413, 24, 25	af2140	Dept 26	9/2/08	8:15	Storage
5454413, 24, 25	Dept. 26 freezer	J. Funk	9-9-08	8:30	INTERNALIZED
5454413, 24, 25	J. Funk	Dept. 26 FRZ	9-9-08	9:35	STORAGE
5454413, 24, 25	Dept 26 storage	17P09572	9-9-08	15:00	Analysis
5454413, 24, 25	17P09572	[illegible]	09/09/08	21:30	removed from instrument
5454413, 24, 25	[illegible]	DEPT 26 STORAGE	09/09/08	21:31	Storage

ASX04 0012

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 082470004A

Client Stantec

SDG: ASX04

Analysis: PCB soils

Sample IDs

5454409	5454410	5454411	5454412	5454414	5454415	5454416	5454417	5454418	5454419
5454420	5454421	5454422	5454423	5454426	5454427	5454428			

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454409-12, 14-23, 26-28	S. Applegate SUY	Dept 24	9/5/08	3:00 AM	Storage
5454409-12, 14-23, 5454426-28	DEPT 24 STORAGE	120 RSM	9/5/8	0730	PRESCREEN & ANALYSIS

ASXB4 0013

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 082430018A

Client Stantec

SDG: ASX04

Analysis: MA EPH-Soils

Sample IDs

5454413	5454424	5454425

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454413, 24-25	D Trumbly 377	Dept 36 Storage	9/2/08	1410	Storage
5454413, 24&25	Dept 36 Storage	E. Stoltzfus 463	9/3/08	1415	SG Fraction
5454413, 24+25	E. 463 Stoltzfus	Dept 32 Storage	9/3/08	1815	Storage
5454413, 25, 24	D-32 Storage	R. Brown 375	9-18-08	0930	EPH GC analysis
5454413, 24, 25	R. Brown 375	H66/OA	9-18-08	0930	EPH GC analysis

ASX04 0014

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01216 PCBs in Solids

The sample is solvent extracted and exchanged to hexane. Sulfuric acid and florisil cleanups are performed to reduce potential matrix interferences. The extract is analyzed using gas chromatography on two capillary columns (primary and confirmation) with electron capture detectors.

Reference: Test Methods for Evaluating Solid Waste, SW-846 Method 8082, December 1996.

00819 Solid Sample Pesticide Extract

Pesticides and/or PCBs are extracted from the sample using sonic probe with 1:1 methylene chloride and acetone. The extract is then concentrated and exchanged to hexane. Sulfuric acid, copper and florisil cleanups are performed to minimize matrix interferences.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3550B, December 1996.

08754 MA - VPH waters

The volatile compounds are first extracted from the sample with methanol. The resulting extract is diluted prior to analysis. The volatile compounds are extracted by bubbling an inert gas through the sample and collecting them on a sorbent trap. The trap is thermally desorbed onto a capillary column and analysis is performed using gas chromatography with an flame ionization (FID) and photoionization detector (PID) in series.

Reference: Massachusetts Department of Environmental Protection Method for the Determination of Volatile Petroleum Hydrocarbons, May 2004.

00381 BNA Soil Extraction

The sample aliquot is extracted using sonic probe with 1:1 methylene chloride and acetone. The extract is concentrated prior to analysis.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3550B, December 1996.

04688 TCL SW846 Semivolatiles Soil

The sample extract is analyzed by capillary column Gas Chromatography/Mass Spectrometry.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 8270C, December 1996

00497 Silica Gel Fractionation MA HC

Sample extracts in hexane are transferred to a column of silica gel. The sample is eluted with sufficient pentane to collect 10 ml of eluant, identified as the aliphatic fraction. The column is further eluted with 2:3 methylene chloride:pentane until a second 10 ml eluant is collected, which is identified as the aromatic fraction. Both fractions are reconcentrated to 1 ml by use of micro-Snyder technique.

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3630C Modified, December 1996.

02168 Extraction - DRO Soil Special

A sample is serially extracted with methylene chloride using a sonic probe. The serial extracts are combined, dried, and concentrated (using Kuderna-Danish apparatus). If required, the extract is then fractionated.

Reference: Massachusetts Department of Environmental Protection Method for the Determination of Extractable Petroleum Hydrocarbons, May 2004.

05332 MA EPH - Soils

Ten grams of a soil sample are extracted with methylene chloride. The methylene chloride is exchanged into hexane and concentrated to 1 ml. The extract is speciated into aliphatic and aromatic fractions using a silica gel cleanup technique similar to SW-846 3630C. The extract is injected onto a capillary GC column using a flame ionization detector. Quantitation is performed using the total peak area detected within the hydrocarbon ranges defined in the method. PAHs are also identified and quantitated.

Reference: Massachusetts Department of Environmental Protection Method for the Determination of Extractable Petroleum Hydrocarbons, May 2004.

00111 Moisture

A well-mixed sample is placed in a tared container and dried to a constant weight in an oven at 103-105C. The increase in weight is the total solids.

Reference: Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998, Method 2540 G

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

484-875-3075

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1107635. Samples arrived at the laboratory on Thursday, August 28, 2008. The PO# for this group is 1102.

Client Description	Lancaster Labs Number
SS-1 Grab Soil Sample	5454409
SS-2 Grab Soil Sample	5454410
SS-3 Grab Soil Sample	5454411
SS-4 Grab Soil Sample	5454412
SS-5 Grab Soil Sample	5454413
SS-X(082608) Grab Soil Sample	5454414
SS-6 Grab Soil Sample	5454415
SS-7 Grab Soil Sample	5454416
SS-8 Grab Soil Sample	5454417
SS-9 Grab Soil Sample	5454418
SS-10 Grab Soil Sample	5454419
SS-11 Grab Soil Sample	5454420
SS-12 Grab Soil Sample	5454421
SS-13 Grab Soil Sample	5454422
SS-14 Grab Soil Sample	5454423
SS-15 Grab Soil Sample	5454424
SS-Y(082608) Grab Soil Sample	5454425
SS-16 Grab Soil Sample	5454426
SS-17 Grab Soil Sample	5454427
SS-18 Grab Soil Sample	5454428
Storage Blank Grab Water Sample	5454429

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

aSX84 0012

Analysis Report

Lancaster Laboratories

1 COPY TO Stantec Attn: Steve Baggett
1 COPY TO Data Package Group

Questions? Contact your Client Services Representative
Loran A Carter at (717) 656-2300

Respectfully Submitted,

Jenifer E. Hess
Manager

ASX84 8818

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454409 **Group No. 1107635**

SS-1 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 09:15 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS1 SDG#: ASX04-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	6.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 4,500	4,500	ug/kg	250
01496	PCB-1221	11104-28-2	< 4,500	4,500	ug/kg	250
01497	PCB-1232	11141-16-5	< 4,500	4,500	ug/kg	250
01498	PCB-1242	53469-21-9	< 4,500	4,500	ug/kg	250
01499	PCB-1248	12672-29-6	< 4,500	4,500	ug/kg	250
01500	PCB-1254	11097-69-1	< 4,500	4,500	ug/kg	250
01501	PCB-1260	11096-82-5	18,000	4,500	ug/kg	250

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 18:14	Jamie L Brillhart	250
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0019

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454410 **Group No. 1107635**

SS-2 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 09:35 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMSS2 SDG#: ASX04-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	5.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 18,000	18,000	ug/kg	1000
01496	PCB-1221	11104-28-2	< 18,000	18,000	ug/kg	1000
01497	PCB-1232	11141-16-5	< 18,000	18,000	ug/kg	1000
01498	PCB-1242	53469-21-9	< 18,000	18,000	ug/kg	1000
01499	PCB-1248	12672-29-6	< 18,000	18,000	ug/kg	1000
01500	PCB-1254	11097-69-1	< 18,000	18,000	ug/kg	1000
01501	PCB-1260	11096-82-5	51,000	18,000	ug/kg	1000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 18:57	Jamie L Brillhart	1000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0020

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454411 **Group No. 1107635**

SS-3 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 09:40 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS3 SDG#: ASX04-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	7.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 1,800	1,800	ug/kg	100
01496	PCB-1221	11104-28-2	< 1,800	1,800	ug/kg	100
01497	PCB-1232	11141-16-5	< 1,800	1,800	ug/kg	100
01498	PCB-1242	53469-21-9	< 1,800	1,800	ug/kg	100
01499	PCB-1248	12672-29-6	< 1,800	1,800	ug/kg	100
01500	PCB-1254	11097-69-1	< 1,800	1,800	ug/kg	100
01501	PCB-1260	11096-82-5	14,000	1,800	ug/kg	100

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 20:49	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0021

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454412 **Group No. 1107635**

SS-4 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 09:50 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS4 SDG#: ASX04-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	8.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 930	930	ug/kg	50
01496	PCB-1221	11104-28-2	< 930	930	ug/kg	50
01497	PCB-1232	11141-16-5	< 930	930	ug/kg	50
01498	PCB-1242	53469-21-9	< 930	930	ug/kg	50
01499	PCB-1248	12672-29-6	< 930	930	ug/kg	50
01500	PCB-1254	11097-69-1	< 930	930	ug/kg	50
01501	PCB-1260	11096-82-5	6,800	930	ug/kg	50

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 21:03	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0022

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454413 **Group No. 1107635**

SS-5 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS5 SDG#: ASX04-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	9.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05332	MA EPH - Soils					
05349	Naphthalene	91-20-3	< 0.55	0.55	mg/kg	1
05350	Acenaphthylene	208-96-8	< 0.55	0.55	mg/kg	1
05351	Acenaphthene	83-32-9	< 0.55	0.55	mg/kg	1
05352	Fluorene	86-73-7	< 0.55	0.55	mg/kg	1
05353	Phenanthrene	85-01-8	< 0.55	0.55	mg/kg	1
05354	Anthracene	120-12-7	< 0.55	0.55	mg/kg	1
05355	Fluoranthene	206-44-0	0.72	0.55	mg/kg	1
05356	Pyrene	129-00-0	0.64	0.55	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	< 0.55	0.55	mg/kg	1
05358	Chrysene	218-01-9	4.8	0.55	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	1.8	0.55	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	< 0.55	0.55	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	0.94	0.55	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	< 0.55	0.55	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	< 0.55	0.55	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	< 0.55	0.55	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	< 0.55	0.55	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	29	6.6	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	98	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	100	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	110	13	mg/kg	1
	The method was modified for soils through use of ultrasonic extraction, as described in SW-846 method 3550B.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	< 180	180	ug/kg	1
01186	2-Chlorophenol	95-57-8	< 180	180	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	< 180	180	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	< 180	180	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	830	180	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	< 180	180	ug/kg	1
01191	Acenaphthene	83-32-9	< 180	180	ug/kg	1
01192	4-Nitrophenol	100-02-7	< 550	550	ug/kg	1

ASX04 0023

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454413 **Group No. 1107635**

SS-5 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

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Exton PA 19341

AMSS5 SDG#: ASX04-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
01193	2,4-Dinitrotoluene	121-14-2	< 180	180	ug/kg	1
01194	Pentachlorophenol	87-86-5	< 550	550	ug/kg	1
01195	Pyrene	129-00-0	430	180	ug/kg	1
03746	2-Nitrophenol	88-75-5	< 180	180	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	< 180	180	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	< 180	180	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	< 180	180	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,200	2,200	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	< 550	550	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	< 180	180	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	< 180	180	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	< 180	180	ug/kg	1
03757	Hexachloroethane	67-72-1	< 180	180	ug/kg	1
03758	Nitrobenzene	98-95-3	< 180	180	ug/kg	1
03759	Isophorone	78-59-1	< 180	180	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	< 180	180	ug/kg	1
03761	Naphthalene	91-20-3	< 180	180	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	< 180	180	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	< 550	550	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	< 180	180	ug/kg	1
03765	Acenaphthylene	208-96-8	< 180	180	ug/kg	1
03766	Dimethylphthalate	131-11-3	< 180	180	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	< 180	180	ug/kg	1
03768	Fluorene	86-73-7	< 180	180	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	< 180	180	ug/kg	1
03770	Diethylphthalate	84-66-2	< 180	180	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	< 180	180	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	< 180	180	ug/kg	1
03774	Hexachlorobenzene	118-74-1	< 180	180	ug/kg	1
03775	Phenanthrene	85-01-8	390	180	ug/kg	1
03776	Anthracene	120-12-7	190	180	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	< 180	180	ug/kg	1
03778	Fluoranthene	206-44-0	430	180	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	< 180	180	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	330	180	ug/kg	1
03782	Chrysene	218-01-9	570	180	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	< 370	370	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	< 370	370	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	< 180	180	ug/kg	1

ASX04 0824

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454413 **Group No. 1107635**

SS-5 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

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Exton PA 19341

AMSS5 SDG#: ASX04-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03786	Benzo(b)fluoranthene	205-99-2	740	180	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	270	180	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	230	180	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	210	180	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	< 180	180	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	220	180	ug/kg	1
04690	2-Methylphenol	95-48-7	< 180	180	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	< 180	180	ug/kg	1
04692	4-Methylphenol	106-44-5	< 180	180	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	< 180	180	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	300	180	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	< 180	180	ug/kg	1
04696	2-Nitroaniline	88-74-4	< 180	180	ug/kg	1
04697	3-Nitroaniline	99-09-2	< 180	180	ug/kg	1
04698	Dibenzofuran	132-64-9	< 180	180	ug/kg	1
04700	4-Nitroaniline	100-01-6	< 180	180	ug/kg	1
04702	Carbazole	86-74-8	< 180	180	ug/kg	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 07:36	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 08:27	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 19:09	Ryan P Byrne	1
00381	BNA Soil Extraction	SW-846 3550B	1	09/02/2008 14:50	Adrienne E Fellenbaum	1
00497	Silica Gel Fractionation MA HC	SW-846 3630C modified	1	09/03/2008 16:15	Denise L Trimby	1
02168	Extraction - DRO Soil Special	MA DEP EPH 5/04	1	09/02/2008 10:00	Denise L Trimby	1

ASX04 0025

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454414 **Group No. 1107635**

SS-X(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMSSX SDG#: ASX04-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	8.9	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 93,000	93,000	ug/kg	5000
01496	PCB-1221	11104-28-2	< 93,000	93,000	ug/kg	5000
01497	PCB-1232	11141-16-5	< 93,000	93,000	ug/kg	5000
01498	PCB-1242	53469-21-9	< 93,000	93,000	ug/kg	5000
01499	PCB-1248	12672-29-6	< 93,000	93,000	ug/kg	5000
01500	PCB-1254	11097-69-1	< 93,000	93,000	ug/kg	5000
01501	PCB-1260	11096-82-5	1,000,000	93,000	ug/kg	5000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 19:11	Jamie L Brillhart	5000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0026

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717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454415 **Group No. 1107635**

SS-6 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:20 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS6 SDG#: ASX04-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	6.9	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 91,000	91,000	ug/kg	5000
01496	PCB-1221	11104-28-2	< 91,000	91,000	ug/kg	5000
01497	PCB-1232	11141-16-5	< 91,000	91,000	ug/kg	5000
01498	PCB-1242	53469-21-9	< 91,000	91,000	ug/kg	5000
01499	PCB-1248	12672-29-6	< 91,000	91,000	ug/kg	5000
01500	PCB-1254	11097-69-1	< 91,000	91,000	ug/kg	5000
01501	PCB-1260	11096-82-5	170,000	91,000	ug/kg	5000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 19:40	Jamie L Brillhart	5000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX84 0827

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454416 **Group No. 1107635**

SS-7 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:30 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS7 SDG#: ASX04-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	12.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 19,000	19,000	ug/kg	1000
01496	PCB-1221	11104-28-2	< 19,000	19,000	ug/kg	1000
01497	PCB-1232	11141-16-5	< 19,000	19,000	ug/kg	1000
01498	PCB-1242	53469-21-9	< 19,000	19,000	ug/kg	1000
01499	PCB-1248	12672-29-6	< 19,000	19,000	ug/kg	1000
01500	PCB-1254	11097-69-1	< 19,000	19,000	ug/kg	1000
01501	PCB-1260	11096-82-5	63,000	19,000	ug/kg	1000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 19:55	Jamie L Brillhart	1000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 8820

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454417 **Group No. 1107635**

SS-8 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:40 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
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AMSS8 SDG#: ASX04-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	10.3	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 9,500	9,500	ug/kg	500
01496	PCB-1221	11104-28-2	< 9,500	9,500	ug/kg	500
01497	PCB-1232	11141-16-5	< 9,500	9,500	ug/kg	500
01498	PCB-1242	53469-21-9	< 9,500	9,500	ug/kg	500
01499	PCB-1248	12672-29-6	< 9,500	9,500	ug/kg	500
01500	PCB-1254	11097-69-1	< 9,500	9,500	ug/kg	500
01501	PCB-1260	11096-82-5	23,000	9,500	ug/kg	500

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/05/2008 15:01	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 20:24	Jamie L Brillhart	500
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0029

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454418 **Group No. 1107635**

SS-9 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:45 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMSS9 SDG#: ASX04-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	17.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 2,000	2,000	ug/kg	100
01496	PCB-1221	11104-28-2	< 2,000	2,000	ug/kg	100
01497	PCB-1232	11141-16-5	< 2,000	2,000	ug/kg	100
01498	PCB-1242	53469-21-9	< 2,000	2,000	ug/kg	100
01499	PCB-1248	12672-29-6	< 2,000	2,000	ug/kg	100
01500	PCB-1254	11097-69-1	< 2,000	2,000	ug/kg	100
01501	PCB-1260	11096-82-5	13,000	2,000	ug/kg	100

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 22:59	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0038

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454419 **Group No. 1107635**

SS-10 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 10:50 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:47
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS10 SDG#: ASX04-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	10.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 9,500	9,500	ug/kg	500
01496	PCB-1221	11104-28-2	< 9,500	9,500	ug/kg	500
01497	PCB-1232	11141-16-5	< 9,500	9,500	ug/kg	500
01498	PCB-1242	53469-21-9	< 9,500	9,500	ug/kg	500
01499	PCB-1248	12672-29-6	< 9,500	9,500	ug/kg	500
01500	PCB-1254	11097-69-1	< 9,500	9,500	ug/kg	500
01501	PCB-1260	11096-82-5	24,000	9,500	ug/kg	500

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 20:52	Jamie L Brillhart	500
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0031

Lancaster Laboratories, Inc.
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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454420 **Group No. 1107635**

SS-11 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS11 SDG#: ASX04-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	17.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 1,000	1,000	ug/kg	50
01496	PCB-1221	11104-28-2	< 1,000	1,000	ug/kg	50
01497	PCB-1232	11141-16-5	< 1,000	1,000	ug/kg	50
01498	PCB-1242	53469-21-9	< 1,000	1,000	ug/kg	50
01499	PCB-1248	12672-29-6	< 1,000	1,000	ug/kg	50
01500	PCB-1254	11097-69-1	< 1,000	1,000	ug/kg	50
01501	PCB-1260	11096-82-5	9,500	1,000	ug/kg	50

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 23:42	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0032

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454421 **Group No. 1107635**

SS-12 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:05 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
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Exton PA 19341

AMS12 SDG#: ASX04-13

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	23.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 2,200	2,200	ug/kg	100
01496	PCB-1221	11104-28-2	< 2,200	2,200	ug/kg	100
01497	PCB-1232	11141-16-5	< 2,200	2,200	ug/kg	100
01498	PCB-1242	53469-21-9	< 2,200	2,200	ug/kg	100
01499	PCB-1248	12672-29-6	< 2,200	2,200	ug/kg	100
01500	PCB-1254	11097-69-1	< 2,200	2,200	ug/kg	100
01501	PCB-1260	11096-82-5	21,000	2,200	ug/kg	100

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 23:57	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0033

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454422 **Group No. 1107635**

SS-13 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:30 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMS13 SDG#: ASX04-14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	19.3	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 5,300	5,300	ug/kg	250
01496	PCB-1221	11104-28-2	< 5,300	5,300	ug/kg	250
01497	PCB-1232	11141-16-5	< 5,300	5,300	ug/kg	250
01498	PCB-1242	53469-21-9	< 5,300	5,300	ug/kg	250
01499	PCB-1248	12672-29-6	< 5,300	5,300	ug/kg	250
01500	PCB-1254	11097-69-1	< 5,300	5,300	ug/kg	250
01501	PCB-1260	11096-82-5	25,000	5,300	ug/kg	250

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 21:21	Jamie L Brillhart	250
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASXB4 8834

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454423 **Group No. 1107635**

SS-14 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:40 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMS14 SDG#: ASX04-15

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	15.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 20,000	20,000	ug/kg	1000
01496	PCB-1221	11104-28-2	< 20,000	20,000	ug/kg	1000
01497	PCB-1232	11141-16-5	< 20,000	20,000	ug/kg	1000
01498	PCB-1242	53469-21-9	< 20,000	20,000	ug/kg	1000
01499	PCB-1248	12672-29-6	< 20,000	20,000	ug/kg	1000
01500	PCB-1254	11097-69-1	< 20,000	20,000	ug/kg	1000
01501	PCB-1260	11096-82-5	40,000	20,000	ug/kg	1000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 21:35	Jamie L Brillhart	1000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0035

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454424 **Group No. 1107635**

SS-15 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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Exton PA 19341

AMS15 SDG#: ASX04-16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	10.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05332	MA EPH - Soils					
05349	Naphthalene	91-20-3	< 0.56	0.56	mg/kg	1
05350	Acenaphthylene	208-96-8	< 0.56	0.56	mg/kg	1
05351	Acenaphthene	83-32-9	< 0.56	0.56	mg/kg	1
05352	Fluorene	86-73-7	< 0.56	0.56	mg/kg	1
05353	Phenanthrene	85-01-8	< 0.56	0.56	mg/kg	1
05354	Anthracene	120-12-7	< 0.56	0.56	mg/kg	1
05355	Fluoranthene	206-44-0	0.66	0.56	mg/kg	1
05356	Pyrene	129-00-0	1.3	0.56	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	< 0.56	0.56	mg/kg	1
05358	Chrysene	218-01-9	1.0	0.56	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	1.7	0.56	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	< 0.56	0.56	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	0.79	0.56	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	< 0.56	0.56	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	< 0.56	0.56	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	< 0.56	0.56	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	< 0.56	0.56	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	12	6.7	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	33	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	55	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	60	13	mg/kg	1
	The method was modified for soils through use of ultrasonic extraction, as described in SW-846 method 3550B.					
	1-Chlorooctadecane surrogate recovery is outside the QC limits. The hold time had expired prior to reextraction; therefore, the data is reported.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	< 190	190	ug/kg	1
01186	2-Chlorophenol	95-57-8	< 190	190	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	< 190	190	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	< 190	190	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	< 190	190	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	< 190	190	ug/kg	1

ASX04 0836

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454424 **Group No. 1107635**

SS-15 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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Exton PA 19341

AMS15 SDG#: ASX04-16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
01191	Acenaphthene	83-32-9	< 190	190	ug/kg	1
01192	4-Nitrophenol	100-02-7	< 560	560	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	< 190	190	ug/kg	1
01194	Pentachlorophenol	87-86-5	< 560	560	ug/kg	1
01195	Pyrene	129-00-0	420	190	ug/kg	1
03746	2-Nitrophenol	88-75-5	< 190	190	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	< 190	190	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	< 190	190	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	< 190	190	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,200	2,200	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	< 560	560	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	< 190	190	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	< 190	190	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	< 190	190	ug/kg	1
03757	Hexachloroethane	67-72-1	< 190	190	ug/kg	1
03758	Nitrobenzene	98-95-3	< 190	190	ug/kg	1
03759	Isophorone	78-59-1	< 190	190	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	< 190	190	ug/kg	1
03761	Naphthalene	91-20-3	280	190	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	< 190	190	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	< 560	560	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	< 190	190	ug/kg	1
03765	Acenaphthylene	208-96-8	< 190	190	ug/kg	1
03766	Dimethylphthalate	131-11-3	< 190	190	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	< 190	190	ug/kg	1
03768	Fluorene	86-73-7	< 190	190	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	< 190	190	ug/kg	1
03770	Diethylphthalate	84-66-2	< 190	190	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	< 190	190	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	< 190	190	ug/kg	1
03774	Hexachlorobenzene	118-74-1	< 190	190	ug/kg	1
03775	Phenanthrene	85-01-8	490	190	ug/kg	1
03776	Anthracene	120-12-7	200	190	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	< 190	190	ug/kg	1
03778	Fluoranthene	206-44-0	420	190	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	< 190	190	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	320	190	ug/kg	1
03782	Chrysene	218-01-9	650	190	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	< 370	370	ug/kg	1

ASX04 0037

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454424 **Group No. 1107635**

SS-15 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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Exton PA 19341

AMS15 SDG#: ASX04-16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03784	bis(2-Ethylhexyl)phthalate	117-81-7	< 370	370	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	< 190	190	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,100	190	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	330	190	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	320	190	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	310	190	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	< 190	190	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	330	190	ug/kg	1
04690	2-Methylphenol	95-48-7	< 190	190	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	< 190	190	ug/kg	1
04692	4-Methylphenol	106-44-5	< 190	190	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	< 190	190	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	490	190	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	< 190	190	ug/kg	1
04696	2-Nitroaniline	88-74-4	< 190	190	ug/kg	1
04697	3-Nitroaniline	99-09-2	< 190	190	ug/kg	1
04698	Dibenzofuran	132-64-9	< 190	190	ug/kg	1
04700	4-Nitroaniline	100-01-6	< 190	190	ug/kg	1
04702	Carbazole	86-74-8	< 190	190	ug/kg	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 09:19	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 10:12	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 19:32	Ryan P Byrne	1
00381	BNA Soil Extraction	SW-846 3550B	1	09/02/2008 14:50	Adrienne E Fellenbaum	1
00497	Silica Gel Fractionation MA HC	SW-846 3630C modified	1	09/03/2008 16:15	Denise L Trimby	1
02168	Extraction - DRO Soil Special	MA DEP EPH 5/04	1	09/02/2008 10:00	Denise L Trimby	1

ASX84 8838

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454424 **Group No. 1107635**

SS-15 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
102 Pickering Way
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AMS15 SDG#: ASX04-16

ASX04 0039

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Lancaster, PA 17605-2425
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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454425 **Group No. 1107635**

SS-Y(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMSSY SDG#: ASX04-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	9.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05332	MA EPH - Soils					
05349	Naphthalene	91-20-3	< 0.55	0.55	mg/kg	1
05350	Acenaphthylene	208-96-8	< 0.55	0.55	mg/kg	1
05351	Acenaphthene	83-32-9	< 0.55	0.55	mg/kg	1
05352	Fluorene	86-73-7	< 0.55	0.55	mg/kg	1
05353	Phenanthrene	85-01-8	0.64	0.55	mg/kg	1
05354	Anthracene	120-12-7	< 0.55	0.55	mg/kg	1
05355	Fluoranthene	206-44-0	0.84	0.55	mg/kg	1
05356	Pyrene	129-00-0	1.5	0.55	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	< 0.55	0.55	mg/kg	1
05358	Chrysene	218-01-9	2.3	0.55	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	1.9	0.55	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	< 0.55	0.55	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	0.94	0.55	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	0.58	0.55	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	< 0.55	0.55	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	< 0.55	0.55	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	0.71	0.55	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	15	6.6	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	56	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	92	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	100	13	mg/kg	1
	The method was modified for soils through use of ultrasonic extraction, as described in SW-846 method 3550B.					
	1-Chlorooctadecane surrogate recovery is outside the QC limits. The hold time had expired prior to reextraction; therefore, the data is reported.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	< 180	180	ug/kg	1
01186	2-Chlorophenol	95-57-8	< 180	180	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	< 180	180	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	< 180	180	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	< 180	180	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	< 180	180	ug/kg	1

ASX04 0048

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454425 **Group No. 1107635**

SS-Y(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMSSY SDG#: ASX04-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
01191	Acenaphthene	83-32-9	< 180	180	ug/kg	1
01192	4-Nitrophenol	100-02-7	< 550	550	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	< 180	180	ug/kg	1
01194	Pentachlorophenol	87-86-5	< 550	550	ug/kg	1
01195	Pyrene	129-00-0	510	180	ug/kg	1
03746	2-Nitrophenol	88-75-5	< 180	180	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	< 180	180	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	< 180	180	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	< 180	180	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,200	2,200	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	< 550	550	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	< 180	180	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	< 180	180	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	< 180	180	ug/kg	1
03757	Hexachloroethane	67-72-1	< 180	180	ug/kg	1
03758	Nitrobenzene	98-95-3	< 180	180	ug/kg	1
03759	Isophorone	78-59-1	< 180	180	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	< 180	180	ug/kg	1
03761	Naphthalene	91-20-3	190	180	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	< 180	180	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	< 550	550	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	< 180	180	ug/kg	1
03765	Acenaphthylene	208-96-8	< 180	180	ug/kg	1
03766	Dimethylphthalate	131-11-3	< 180	180	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	< 180	180	ug/kg	1
03768	Fluorene	86-73-7	< 180	180	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	< 180	180	ug/kg	1
03770	Diethylphthalate	84-66-2	< 180	180	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	< 180	180	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	< 180	180	ug/kg	1
03774	Hexachlorobenzene	118-74-1	< 180	180	ug/kg	1
03775	Phenanthrene	85-01-8	350	180	ug/kg	1
03776	Anthracene	120-12-7	< 180	180	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	< 180	180	ug/kg	1
03778	Fluoranthene	206-44-0	530	180	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	< 180	180	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	440	180	ug/kg	1
03782	Chrysene	218-01-9	710	180	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	< 370	370	ug/kg	

ASX04 0041

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454425 **Group No. 1107635**

SS-Y(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMSSY SDG#: ASX04-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03784	bis(2-Ethylhexyl)phthalate	117-81-7	< 370	370	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	< 180	180	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,100	180	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	360	180	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	410	180	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	330	180	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	< 180	180	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	330	180	ug/kg	1
04690	2-Methylphenol	95-48-7	< 180	180	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	< 180	180	ug/kg	1
04692	4-Methylphenol	106-44-5	< 180	180	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	< 180	180	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	340	180	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	< 180	180	ug/kg	1
04696	2-Nitroaniline	88-74-4	< 180	180	ug/kg	1
04697	3-Nitroaniline	99-09-2	< 180	180	ug/kg	1
04698	Dibenzofuran	132-64-9	< 180	180	ug/kg	1
04700	4-Nitroaniline	100-01-6	< 180	180	ug/kg	1
04702	Carbazole	86-74-8	< 180	180	ug/kg	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 11:02	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 11:52	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 19:55	Ryan P Byrne	1
00381	BNA Soil Extraction	SW-846 3550B	1	09/02/2008 14:50	Adrienne E Fellenbaum	1
00497	Silica Gel Fractionation MA HC	SW-846 3630C modified	1	09/03/2008 16:15	Denise L Trimby	1
02168	Extraction - DRO Soil Special	MA DEP EPH 5/04	1	09/02/2008 10:00	Denise L Trimby	1

ASX04 0042

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454425 **Group No. 1107635**

SS-Y(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 11:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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AMSSY SDG#: ASX04-17

ASX04 0043

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454426 **Group No. 1107635**

SS-16 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:10 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS16 SDG#: ASX04-18

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	7.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 18,000	18,000	ug/kg	1000
01496	PCB-1221	11104-28-2	< 18,000	18,000	ug/kg	1000
01497	PCB-1232	11141-16-5	< 18,000	18,000	ug/kg	1000
01498	PCB-1242	53469-21-9	< 18,000	18,000	ug/kg	1000
01499	PCB-1248	12672-29-6	< 18,000	18,000	ug/kg	1000
01500	PCB-1254	11097-69-1	< 18,000	18,000	ug/kg	1000
01501	PCB-1260	11096-82-5	54,000	18,000	ug/kg	1000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 21:50	Jamie L Brillhart	1000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0044

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454427 **Group No. 1107635**

SS-17 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:15 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS17 SDG#: ASX04-19

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	6.1	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 18,000	18,000	ug/kg	1000
01496	PCB-1221	11104-28-2	< 18,000	18,000	ug/kg	1000
01497	PCB-1232	11141-16-5	< 18,000	18,000	ug/kg	1000
01498	PCB-1242	53469-21-9	< 18,000	18,000	ug/kg	1000
01499	PCB-1248	12672-29-6	< 18,000	18,000	ug/kg	1000
01500	PCB-1254	11097-69-1	< 18,000	18,000	ug/kg	1000
01501	PCB-1260	11096-82-5	83,000	18,000	ug/kg	1000

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/08/2008 22:19	Jamie L Brillhart	1000
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0045

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454428 **Group No. 1107635**

SS-18 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

Stantec
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AMS18 SDG#: ASX04-20

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	7.9	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
01216	PCBs in Solids					
01495	PCB-1016	12674-11-2	< 920	920	ug/kg	50
01496	PCB-1221	11104-28-2	< 920	920	ug/kg	50
01497	PCB-1232	11141-16-5	< 920	920	ug/kg	50
01498	PCB-1242	53469-21-9	< 920	920	ug/kg	50
01499	PCB-1248	12672-29-6	< 920	920	ug/kg	50
01500	PCB-1254	11097-69-1	< 920	920	ug/kg	50
01501	PCB-1260	11096-82-5	9,100	920	ug/kg	50

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	SM20 2540 G	1	09/04/2008 09:42	William C Schwebel	1
01216	PCBs in Solids	SW-846 8082	1	09/06/2008 01:37	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/04/2008 19:15	Sally L Appleyard	1

ASX04 0046

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW5454429 **Group No. 1107635**

Storage Blank Grab Water Sample

Amtrak Wilmington
Collected:08/29/2008 09:00 by LAB

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/29/2008 at 09:48
Discard: 10/07/2008

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Suite 200
Exton PA 19341

AMSB1 SDG#: ASX04-21SB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08754	MA - VPH waters					
08755	Benzene	71-43-2	< 1.00	1.00	ug/l	1
08756	Toluene	108-88-3	< 5.00	5.00	ug/l	1
08757	Ethylbenzene	100-41-4	< 5.00	5.00	ug/l	1
08758	m,p-Xylenes	1330-20-7	< 10.0	10.0	ug/l	1
08759	o-Xylene	95-47-6	< 5.00	5.00	ug/l	1
08760	Methyl t-butyl ether	1634-04-4	< 5.00	5.00	ug/l	1
08761	Naphthalene	91-20-3	< 5.00	5.00	ug/l	1
08762	C5-C8 Aliphatic Hydrocarbons	n.a.	< 100	100	ug/l	1
08763	C9-C12 Aliphatic Hydrocarbons	n.a.	< 100	100	ug/l	1
08764	C9-C10 Aromatic Hydrocarbons	n.a.	< 100	100	ug/l	1
08838	Unadjusted C5-C8 Aliphatics	n.a.	< 100	100	ug/l	1
08839	Unadjusted C9-C12 Aliphatics	n.a.	< 100	100	ug/l	1

This sample was collected following the protocol specified by each method listed in the laboratory chronicle.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08754	MA - VPH waters	MA DEP VPH 5/04	1	09/04/2008 17:47	K. Robert Caulfeild-James	1

ASX04 0047

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Lancaster, PA 17605-2425
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Semivolatiles by GC/MS Data

ASX84 0840

Case Narrative
Conformance/Nonconformance
Summary

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CASE NARRATIVE

Client: Stantec
SDG #: ASX04

LANCASTER LABORATORIES
SEMIVOLATILES BY GC/MS

SAMPLE NUMBER(S) :

LL #'s	Sample Code	Matrix Soil	Comments
5454413	AMSS5	X	
5454424	AMS15	X	
5454425	AMSSY	X	

LABORATORY SUBMITTED QC:

SBLKLA246	SBLKLA2465	X	Method Blank
5454445	AMS33	X	Unspiked
5454446	AMS33MS	X	Matrix Spike
5454447	AMS33MSD	X	Matrix Spike Dup
246LALCS	246LALCS5	X	Lab Control Sample

SAMPLE PREPARATION:

No problems were encountered during the extraction of these samples.

ANALYSIS:

3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The 4-methylphenol value is a combination of results from both compounds.

No problems were encountered during the analysis of these samples.

Case Narrative (continued)
SDG: ASX04

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:

The recovery of 2-chloronaphthalene in the MS/MSD is outside QC limits; and 2,4-dinitrophenol was not recovered in the MSD.

The relative percent differences (RPDs) for 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol between the MS and the MSD are greater than 30 percent.

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method or by the client.

All other QC was within specifications.

DATA INTERPRETATION:

No further interpretation is necessary for the data submitted.

Case Narrative Reviewed and Approved by:

Audrey McClure for Date: 9-17-08
Dana M. Kauffman
Manager, Data Deliverables

Lancaster Laboratories • 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425
Phone: 717-656-2300 • Fax: 717-656-2300 • http:// www.LancasterLabs.com

QC Summary

ASX84 8852

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKLA2465

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) SOIL Lab Sample ID: SBLKLA246

Sample wt/vol: 30 (g/mL) G Lab File ID: ei0424.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 09/02/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/08

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sonc

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/KG	Q
108-95-2	Phenol	33	U
111-44-4	bis(2-Chloroethyl)ether	33	U
95-57-8	2-Chlorophenol	33	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
95-50-1	1,2-Dichlorobenzene	33	U
95-48-7	2-Methylphenol	67	U
108-60-1	2,2'-oxybis(1-Chloropropane)	33	U
621-64-7	N-Nitroso-di-n-propylamine	33	U
106-44-5	4-Methylphenol	67	U
67-72-1	Hexachloroethane	33	U
98-95-3	Nitrobenzene	33	U
78-59-1	Isophorone	33	U
88-75-5	2-Nitrophenol	33	U
105-67-9	2,4-Dimethylphenol	67	U
111-91-1	bis(2-Chloroethoxy)methane	33	U
120-83-2	2,4-Dichlorophenol	33	U
120-82-1	1,2,4-Trichlorobenzene	33	U
91-20-3	Naphthalene	33	U
106-47-8	4-Chloroaniline	67	U
87-68-3	Hexachlorobutadiene	67	U
59-50-7	4-Chloro-3-methylphenol	67	U
91-57-6	2-Methylnaphthalene	33	U
90-12-0	1-Methylnaphthalene	33	U
77-47-4	Hexachlorocyclopentadiene	170	U
88-06-2	2,4,6-Trichlorophenol	33	U
95-95-4	2,4,5-Trichlorophenol	67	U
91-58-7	2-Chloronaphthalene	33	U
88-74-4	2-Nitroaniline	33	U
131-11-3	Dimethylphthalate	67	U

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKLA2465

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) SOIL Lab Sample ID: SBLKLA246

Sample wt/vol: 30 (g/mL) G Lab File ID: ei0424.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 09/02/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/08

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sonc

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL UG/KG	Q
606-20-2	2,6-Dinitrotoluene	33	U
208-96-8	Acenaphthylene	33	U
99-09-2	3-Nitroaniline	67	U
83-32-9	Acenaphthene	33	U
51-28-5	2,4-Dinitrophenol	670	U
100-02-7	4-Nitrophenol	170	U
132-64-9	Dibenzofuran	33	U
121-14-2	2,4-Dinitrotoluene	67	U
84-66-2	Diethylphthalate	67	U
86-73-7	Fluorene	33	U
7005-72-3	4-Chlorophenyl-phenylether	33	U
100-01-6	4-Nitroaniline	67	U
534-52-1	4,6-Dinitro-2-methylphenol	170	U
86-30-6	N-Nitrosodiphenylamine	33	U
101-55-3	4-Bromophenyl-phenylether	33	U
118-74-1	Hexachlorobenzene	33	U
87-86-5	Pentachlorophenol	170	U
85-01-8	Phenanthrene	33	U
120-12-7	Anthracene	33	U
86-74-8	Carbazole	33	U
84-74-2	Di-n-butylphthalate	67	U
206-44-0	Fluoranthene	33	U
129-00-0	Pyrene	33	U
85-68-7	Butylbenzylphthalate	67	U
91-94-1	3,3'-Dichlorobenzidine	100	U
56-55-3	Benzo(a)anthracene	33	U
218-01-9	Chrysene	33	U
117-81-7	bis(2-Ethylhexyl)phthalate	67	U
117-84-0	Di-n-octylphthalate	67	U
205-99-2	Benzo(b)fluoranthene	33	U

FORM I SV-2

1C cont

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKLA2465

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Matrix: (soil/water) SOIL Lab Sample ID: SBLKLA246

Sample wt/vol: 30 (g/mL) G Lab File ID: ei0424.d

Level: (low/med) LOW Date Received:

% Moisture: not dec: dec: Date Extracted: 09/02/08

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/09/08

Injection Volume: 1 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Extraction: Sonc

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	UG/KG	Q
207-08-9	Benzo(k)fluoranthene		33	U
50-32-8	Benzo(a)pyrene		33	U
193-39-5	Indeno(1,2,3-cd)pyrene		33	U
53-70-3	Dibenz(a,h)anthracene		33	U
191-24-2	Benzo(g,h,i)perylene		33	U

FORM I SV-3

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: ASX04

	LL #'s	EPA SAMPLE NO.	S1 (TBP)#	S2 (2FP)#	S3 (PHL)#	S4 (TPH)#	S5 (NBZ)#	S6 (FBP)#	TOT OUT
01	5454413	AMSS5	82	79	82	84	91	95	0
02	5454424	AMS15	72	74	79	84	86	89	0
03	5454425	AMSSY	79	79	82	84	90	94	0
04	SBLKLA246	SBLKLA2465	90	81	81	81	86	88	0
05	5454445	AMS33	84	85	86	90	88	92	0
06	5454446	AMS33MS	86	84	85	88	89	93	0
07	5454447	AMS33MSD	90	84	84	88	90	97	0
08	246LALCS	246LALCS5	95	86	86	87	89	89	0

		QC LIMITS
S1 (TBP)	= 2,4,6-Tribromophenol	(34-138)
S2 (2FP)	= 2-Fluorophenol	(38-124)
S3 (PHL)	= Phenol-d6	(41-120)
S4 (TPH)	= Terphenyl-d14	(43-131)
S5 (NBZ)	= Nitrobenzene-d5	(49-120)
S6 (FBP)	= 2-Fluorobiphenyl	(55-117)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-1

SOIL GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:ei0432.d
AMS33 5454445
AMT USED:30.0 g
FINAL VOL:1 ml

MATRIX SPIKE:ei0433.d
AMS33MS 5454446
AMT USED: 30.0 g
FINAL VOL: 1 ml

SPIKE DUPLICATE:ei0434.d
AMS33MSD 5454447
AMT USED: 30.0 g
FINAL VOL: 1 ml

INSTRUMENT: HP09572 DILUTION FACTOR: 1 BATCH: 08246SLA026

%MOISTURE: 5 EXTRACT SPIKE LEVEL: 1754.39

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/KG	MS CONC UG/KG	MSD CONC UG/KG	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
Phenol	1754.39	1754.39	ND	1615.30	1604.73	92	91	44-128	YES	1	30	YES
bis(2-Chloroethyl)ether	1754.39	1754.39	ND	1518.59	1569.55	87	89	60-116	YES	2	30	YES
2-Chlorophenol	1754.39	1754.39	ND	1610.30	1605.83	92	92	38-135	YES	0	30	YES
1,3-Dichlorobenzene	1754.39	1754.39	ND	1491.27	1539.22	85	88	50-111	YES	3	30	YES
1,4-Dichlorobenzene	1754.39	1754.39	ND	1543.93	1550.16	88	88	53-113	YES	0	30	YES
1,2-Dichlorobenzene	1754.39	1754.39	ND	1575.91	1585.34	90	90	40-120	YES	0	30	YES
2-Methylphenol	1754.39	1754.39	ND	1755.94	1695.18	100	97	62-116	YES	3	30	YES
2,2'-oxybis(1-Chloropropane	1754.39	1754.39	ND	1673.37	1680.10	95	96	40-123	YES	1	30	YES
N-Nitroso-di-n-propylamine	1754.39	1754.39	ND	1528.89	1533.92	87	87	33-133	YES	0	30	YES
4-Methylphenol	1754.39	1754.39	ND	1717.42	1660.41	98	95	55-126	YES	3	30	YES
Hexachloroethane	1754.39	1754.39	ND	1529.97	1502.51	87	86	21-128	YES	1	30	YES
Nitrobenzene	1754.39	1754.39	ND	1576.17	1589.65	90	91	35-138	YES	1	30	YES
Isophorone	1754.39	1754.39	ND	1555.53	1594.44	89	91	35-121	YES	2	30	YES
2-Nitrophenol	1754.39	1754.39	ND	1649.87	1728.31	94	99	21-159	YES	5	30	YES
2,4-Dimethylphenol	1754.39	1754.39	ND	1571.23	1569.24	90	89	53-131	YES	1	30	YES
bis(2-Chloroethoxy)methane	1754.39	1754.39	ND	1545.52	1624.97	88	93	69-115	YES	6	30	YES
2,4-Dichlorophenol	1754.39	1754.39	ND	1600.16	1636.58	91	93	31-142	YES	2	30	YES
1,2,4-Trichlorobenzene	1754.39	1754.39	48.36	1820.89	1841.51	101	102	59-119	YES	1	30	YES
Naphthalene	1754.39	1754.39	ND	1685.27	1666.81	96	95	52-123	YES	1	30	YES
4-Chloroaniline	1754.39	1754.39	ND	691.45	657.76	39	37	2-134	YES	5	30	YES
Hexachlorobutadiene	1754.39	1754.39	ND	1881.57	1894.81	107	108	62-120	YES	1	30	YES
4-Chloro-3-methylphenol	1754.39	1754.39	ND	1639.09	1658.68	93	95	30-148	YES	2	30	YES
2-Methylnaphthalene	1754.39	1754.39	ND	1745.87	1736.54	100	99	55-123	YES	1	30	YES
Hexachlorocyclopentadiene	3508.77	3508.77	ND	2507.19	2415.18	71	69	5-153	YES	3	30	YES
2,4,6-Trichlorophenol	1754.39	1754.39	ND	1611.93	1722.10	92	98	36-143	YES	6	30	YES
2,4,5-Trichlorophenol	1754.39	1754.39	ND	1535.22	1614.69	88	92	40-133	YES	4	30	YES
2-Chloronaphthalene	1754.39	1754.39	ND	1936.56	1969.71	110	112	57-100	NO	2	30	YES
2-Nitroaniline	1754.39	1754.39	ND	1611.18	1692.94	92	96	52-140	YES	4	30	YES
Dimethylphthalate	1754.39	1754.39	ND	1611.38	1693.69	92	97	64-118	YES	5	30	YES
2,6-Dinitrotoluene	1754.39	1754.39	ND	1702.79	1738.54	97	99	44-140	YES	2	30	YES
Acenaphthylene	1754.39	1754.39	57.95	1758.73	1790.93	97	99	63-128	YES	2	30	YES
3-Nitroaniline	1754.39	1754.39	ND	1520.82	1516.75	87	86	14-147	YES	1	30	YES
Acenaphthene	1754.39	1754.39	ND	1703.22	1765.33	97	101	42-138	YES	4	30	YES
2,4-Dinitrophenol	1754.39	1754.39	ND	1053.65	ND	60	0	20-143	NO	51	30	NO
4-Nitrophenol	1754.39	1754.39	ND	1477.42	1489.22	84	85	12-154	YES	1	30	YES
Dibenzofuran	1754.39	1754.39	ND	1641.14	1702.94	94	97	71-112	YES	3	30	YES
2,4-Dinitrotoluene	1754.39	1754.39	ND	1658.09	1679.20	95	96	38-139	YES	1	30	YES
Diethylphthalate	1754.39	1754.39	ND	1624.97	1707.86	93	97	66-118	YES	4	30	YES
Fluorene	1754.39	1754.39	ND	1675.68	1721.51	96	98	60-125	YES	2	30	YES
4-Chlorophenyl-phenylether	1754.39	1754.39	ND	1659.12	1665.44	95	95	64-119	YES	0	30	YES
4-Nitroaniline	1754.39	1754.39	ND	1204.21	1168.49	69	67	21-122	YES	3	30	YES
4,6-Dinitro-2-methylphenol	1754.39	1754.39	ND	1361.55	774.82	78	44	5-148	YES	56	30	NO
N-Nitrosodiphenylamine	1754.39	1754.39	ND	1998.65	2024.51	114	115	58-137	YES	1	30	YES
4-Bromophenyl-phenylether	1754.39	1754.39	ND	1796.18	1797.96	102	102	67-129	YES	0	30	YES
Hexachlorobenzene	1754.39	1754.39	ND	1677.76	1682.00	96	96	42-141	YES	0	30	YES
Pentachlorophenol	1754.39	1754.39	ND	931.97	792.73	53	45	5-138	YES	16	30	YES
Phenanthrene	1754.39	1754.39	98.91	1891.28	1813.20	102	98	23-161	YES	4	30	YES
Anthracene	1754.39	1754.39	95.89	1801.09	1820.35	97	98	34-148	YES	1	30	YES
Carbazole	1754.39	1754.39	ND	1618.23	1615.22	92	92	75-108	YES	0	30	YES
Di-n-butylphthalate	1754.39	1754.39	ND	1609.53	1625.11	92	93	67-123	YES	1	30	YES
Fluoranthene	1754.39	1754.39	204.63	1650.62	1670.55	82	84	8-159	YES	2	30	YES
Pyrene	1754.39	1754.39	278.59	2025.99	2065.47	100	102	29-161	YES	2	30	YES
Butylbenzylphthalate	1754.39	1754.39	ND	1735.09	1703.79	99	97	58-135	YES	2	30	YES
3,3'-Dichlorobenzidine	1754.39	1754.39	ND	1314.36	1182.15	75	67	3-143	YES	11	30	YES
Benzo(a)anthracene	1754.39	1754.39	146.20	1808.30	1874.63	95	99	37-148	YES	4	30	YES

COMMENTS:

SOIL GC/MS SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: LANCASTER LABS Lab Code: LANCAS

UNSPIKED:ei0432.d
AMS33 5454445
AMT USED:30.0 g
FINAL VOL:1 ml

MATRIX SPIKE:ei0433.d
AMS33MS 5454446
AMT USED: 30.0 g
FINAL VOL: 1 ml

SPIKE DUPLICATE:ei0434.d
AMS33MSD 5454447
AMT USED: 30.0 g
FINAL VOL: 1 ml

INSTRUMENT: HP09572 DILUTION FACTOR: 1 BATCH: 08246SLA026

%MOISTURE: 5 EXTRACT SPIKE LEVEL: 1754.39

COMPOUND NAME	MS SPIKE	MSD SPIKE	US CONC UG/KG	MS CONC UG/KG	MSD CONC UG/KG	MS REC %	MSD REC %	Range LOWER-UPPER	INSPEC	RPD %	RPD MAX	INSPEC
Chrysene	1754.39	1754.39	250.71	1882.54	1947.41	93	97	35-148	YES	4	30	YES
bis(2-Ethylhexyl)phthalate	1754.39	1754.39	ND	1828.62	1859.52	104	106	44-153	YES	2	30	YES
Di-n-octylphthalate	1754.39	1754.39	ND	1620.51	1587.67	92	90	52-151	YES	2	30	YES
Benzo(b)fluoranthene	1754.39	1754.39	336.99	1809.59	1857.86	84	87	23-156	YES	4	30	YES
Benzo(k)fluoranthene	1754.39	1754.39	101.71	1661.89	1713.44	89	92	31-145	YES	3	30	YES
Benzo(a)pyrene	1754.39	1754.39	177.28	1876.48	1907.51	97	99	35-150	YES	2	30	YES
Indeno(1,2,3-cd)pyrene	1754.39	1754.39	148.20	1800.08	1859.37	94	98	36-144	YES	4	30	YES
Dibenz(a,h)anthracene	1754.39	1754.39	46.59	1904.25	1890.66	106	105	48-147	YES	1	30	YES
Benzo(g,h,i)perylene	1754.39	1754.39	193.98	1864.33	1933.66	95	99	40-143	YES	4	30	YES

ASX04 0050

COMMENTS: _____

Lancaster Laboratories, Inc.
SOIL Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP09572

Method: SW-846 8270C File ID: ei0425.d

LCS SAMPLE NO: 246LALCS BATCH: 08246SLA026 Sample Code: 246LALCS5

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/Kg	QCREF REC %	RANGE LOWER-UPPER	INSPEC
Phenol	1666.67	1525.43	92	58 - 112	YES
bis(2-Chloroethyl)ether	1666.67	1444.73	87	70 - 104	YES
2-Chlorophenol	1666.67	1503.64	90	72 - 112	YES
1,3-Dichlorobenzene	1666.67	1419.03	85	56 - 111	YES
1,4-Dichlorobenzene	1666.67	1425.14	86	60 - 112	YES
1,2-Dichlorobenzene	1666.67	1515.61	91	62 - 107	YES
2-Methylphenol	1666.67	1631.10	98	66 - 110	YES
2,2'-oxybis(1-Chloropropane	1666.67	1544.48	93	39 - 121	YES
N-Nitroso-di-n-propylamine	1666.67	1430.63	86	63 - 107	YES
4-Methylphenol	1666.67	1643.36	99	66 - 117	YES
Hexachloroethane	1666.67	1384.54	83	55 - 108	YES
Nitrobenzene	1666.67	1462.03	88	71 - 104	YES
Isophorone	1666.67	1479.70	89	69 - 110	YES
2-Nitrophenol	1666.67	1614.91	97	81 - 114	YES
2,4-Dimethylphenol	1666.67	1583.03	95	72 - 111	YES
bis(2-Chloroethoxy)methane	1666.67	1517.30	91	70 - 118	YES
2,4-Dichlorophenol	1666.67	1608.73	97	75 - 111	YES
1,2,4-Trichlorobenzene	1666.67	1608.21	96	73 - 108	YES
Naphthalene	1666.67	1525.64	92	73 - 106	YES
4-Chloroaniline	1666.67	569.78	34	3 - 131	YES
Hexachlorobutadiene	1666.67	1669.26	100	70 - 112	YES
4-Chloro-3-methylphenol	1666.67	1615.00	97	59 - 133	YES
2-Methylnaphthalene	1666.67	1615.78	97	76 - 105	YES
1-Methylnaphthalene	1666.67	1519.33	91	74 - 105	YES
Hexachlorocyclopentadiene	3333.33	2711.59	81	34 - 145	YES
2,4,6-Trichlorophenol	1666.67	1553.37	93	78 - 111	YES
2,4,5-Trichlorophenol	1666.67	1454.15	87	76 - 107	YES
2-Chloronaphthalene	1666.67	1871.44	112	51 - 130	YES
2-Nitroaniline	1666.67	1563.36	94	78 - 116	YES
Dimethylphthalate	1666.67	1556.08	93	77 - 109	YES
2,6-Dinitrotoluene	1666.67	1686.59	101	79 - 115	YES
Acenaphthylene	1666.67	1583.38	95	75 - 122	YES
3-Nitroaniline	1666.67	1422.47	85	31 - 120	YES
Acenaphthene	1666.67	1582.27	95	76 - 111	YES
2,4-Dinitrophenol	1666.67	1147.47	69	34 - 112	YES
4-Nitrophenol	1666.67	1456.95	87	46 - 120	YES
Dibenzofuran	1666.67	1518.70	91	79 - 108	YES
2,4-Dinitrotoluene	1666.67	1639.30	98	73 - 115	YES
Diethylphthalate	1666.67	1588.74	95	76 - 111	YES
Fluorene	1666.67	1598.92	96	75 - 116	YES
4-Chlorophenyl-phenylether	1666.67	1592.28	96	79 - 110	YES
4-Nitroaniline	1666.67	1018.82	61	38 - 100	YES
4,6-Dinitro-2-methylphenol	1666.67	1292.51	78	53 - 110	YES
N-Nitrosodiphenylamine	1666.67	1802.44	108	85 - 133	YES
4-Bromophenyl-phenylether	1666.67	1603.42	96	79 - 117	YES
Hexachlorobenzene	1666.67	1543.41	93	78 - 116	YES
Pentachlorophenol	1666.67	887.56	53	35 - 106	YES
Phenanthrene	1666.67	1647.26	99	77 - 113	YES
Anthracene	1666.67	1582.29	95	76 - 112	YES
Carbazole	1666.67	1540.87	92	77 - 113	YES
Di-n-butylphthalate	1666.67	1541.63	92	79 - 112	YES
Fluoranthene	1666.67	1504.09	90	71 - 108	YES
Pyrene	1666.67	1705.76	102	75 - 115	YES
Butylbenzylphthalate	1666.67	1593.91	96	75 - 115	YES
3,3'-Dichlorobenzidine	1666.67	967.65	58	31 - 111	YES
Benzo(a)anthracene	1666.67	1625.54	98	73 - 112	YES
Chrysene	1666.67	1625.43	98	76 - 113	YES
bis(2-Ethylhexyl)phthalate	1666.67	1669.09	100	75 - 117	YES
Di-n-octylphthalate	1666.67	1598.80	96	68 - 130	YES

NC = Could not calculate

Comments:

ASX04 0059

Lancaster Laboratories, Inc.
SOIL Semi Volatile Laboratory Control Sample Recovery

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP09572

Method: SW-846 8270C File ID: ei0425.d

LCS SAMPLE NO: 246LALCS BATCH: 08246SLA026 Sample Code: 246LALCS5

COMPOUND NAME	SPIKE LEVEL	LCS CONC UG/Kg	QCREF REC %	RANGE LOWER-UPPER	INSPEC
Benzo(b)fluoranthene	1666.67	1614.61	97	61 - 127	YES
Benzo(k)fluoranthene	1666.67	1446.49	87	67 - 125	YES
Benzo(a)pyrene	1666.67	1583.80	95	69 - 122	YES
Indeno(1,2,3-cd)pyrene	1666.67	1493.74	90	64 - 119	YES
Dibenz(a,h)anthracene	1666.67	1646.43	99	70 - 130	YES
Benzo(g,h,i)perylene	1666.67	1531.36	92	65 - 122	YES

NC = Could not calculate

Comments:

ASX84 8868

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKLA2465

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ei0424.d Lab Sample ID: SBLKLA246

Date Extracted: 09/02/08 Extraction: Sonc

Date Analyzed: 09/09/08 Time Analyzed: 14:50

Matrix (soil/water): SOIL Level: (low/med) LOW

Instrument ID: HP09572

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	246LALCS5	246LALCS	ei0425.d	09/09/08
02	AMS33	5454445	ei0432.d	09/09/08
03	AMS33MS	5454446	ei0433.d	09/09/08
04	AMS33MSD	5454447	ei0434.d	09/09/08
05	AMSS5	5454413	ei0435.d	09/09/08
06	AMS15	5454424	ei0436.d	09/09/08
07	AMSSY	5454425	ei0437.d	09/09/08
08	819A-	5455946	ei0438.d	09/09/08
09	819B-	5455947	ei0439.d	09/09/08

COMMENTS:

ASX04-0061

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ei0100z.d DFTPP Injection Date: 09/03/08

Instrument ID: HP09572 DFTPP Injection Time: 19:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.8
68	Less than 2.0% of mass 69	0.99 (1.33)1
69	Mass 69 relative abundance	74.2
70	Less than 2.0% of mass 69	0.39 (0.52)1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.15
275	10.0 - 30.0% of mass 198	26.4
365	Greater than 1.00% of mass 198	3.64
441	Present, and less than mass 443	11.8
442	Greater than 40.0 % of mass 198	85.8
443	17.0 - 23.0% of mass 442	15.9 (18.5)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD.5	STD2388	ei0102.d	09/03/08	20:20
02	SSTD005	STD2478	ei0103.d	09/03/08	20:43
03	SSTD015	STD2478	ei0104.d	09/03/08	21:06
04	SSTD030	STD2478	ei0105.d	09/03/08	21:30
05	SSTD050	STD2478	ei0106.d	09/03/08	21:53
06	SSTD080	STD2478	ei0107.d	09/03/08	22:17
07	SSTD120	STD2478	ei0108.d	09/03/08	22:40
08	SSTD005	BAS2188	ei0111.d	09/03/08	23:03
09	SSTD015	BAS2188	ei0112.d	09/03/08	23:26
10	SSTD030	BAS2188	ei0113.d	09/03/08	23:50
11	SSTD050	BAS2188	ei0114.d	09/04/08	00:13
12	SSTD080	BAS2188	ei0115.d	09/04/08	00:37
13	SSTD120	BAS2188	ei0116.d	09/04/08	01:00
14	SSTD001	BASMDL2188	ei0117.d	09/04/08	01:23
15	SSTD050	BASICV1718	ei0118.d	09/04/08	01:47
16	SSTD001	8270MDL2478	ei0109.d	09/04/08	02:10
17	SSTD050	ICV2358	ei0110.d	09/04/08	02:34
18	SBLKWH2435	SBLKWH243	ei0119.d	09/04/08	02:57

FORM V SV

ASX84 8862

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ei0100z.d DFTPP Injection Date: 09/03/08

Instrument ID: HP09572 DFTPP Injection Time: 19:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.8
68	Less than 2.0% of mass 69	0.99 (1.33)1
69	Mass 69 relative abundance	74.2
70	Less than 2.0% of mass 69	0.39 (0.52)1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.15
275	10.0 - 30.0% of mass 198	26.4
365	Greater than 1.00% of mass 198	3.64
441	Present, and less than mass 443	11.8
442	Greater than 40.0 % of mass 198	85.8
443	17.0 - 23.0% of mass 442	15.9 (18.5)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	243WHLCS5	243WHLCS	ei0120.d	09/04/08	03:20
20	243WHLCSD5	243WHLCSD	ei0121.d	09/04/08	03:44
21	MOSFDRE	5446850RE	ei0122.d	09/04/08	04:07
22	MOS71RE	5446851RE	ei0123.d	09/04/08	04:30
23	FES-1DL	5450474DL	ei0124.d	09/04/08	04:54
24	CASS3	5450499	ei0125.d	09/04/08	05:17
25	CASS5	5450503	ei0126.d	09/04/08	05:40
26	CASS7	5450507	ei0127.d	09/04/08	06:03
27	CASS9	5450511	ei0128.d	09/04/08	06:27
28	CAS11	5450515	ei0129.d	09/04/08	06:50
29	MW-1S	5450466	ei0130.d	09/04/08	07:13
30	MW-2SRE	5450470RE	ei0131.d	09/04/08	07:37

ASX84 0863

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ei0420.d DFTPP Injection Date: 09/09/08

Instrument ID: HP09572 DFTPP Injection Time: 12:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.48 (0.75)1
69	Mass 69 relative abundance	64.0
70	Less than 2.0% of mass 69	0.32 (0.5)1
127	40.0 - 60.0% of mass 198	49.0
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.13
275	10.0 - 30.0% of mass 198	27.9
365	Greater than 1.00% of mass 198	4.49
441	Present, and less than mass 443	12.3
442	Greater than 40.0 % of mass 198	94.7
443	17.0 - 23.0% of mass 442	19.5 (20.6)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD080	STD2478	ei0421.d	09/09/08	12:58
02	SSTD080	BAS2188	ei0422.d	09/09/08	13:22
03	SSTD080	1ALT2348	ei0423.d	09/09/08	13:45
04	SBLKLA2465	SBLKLA246	ei0424.d	09/09/08	14:50
05	246LALCS5	246LALCS	ei0425.d	09/09/08	15:13
06	SBLKWB2525	SBLKWB252	ei0426.d	09/09/08	15:38
07	252WBLCS5	252WBLCS1	ei0429.d	09/09/08	16:48
08	252WBLCSD5	252WBLCSD1	ei0430.d	09/09/08	17:12
09	8N44ARE	5452490RE	ei0431.d	09/09/08	17:35
10	AMS33	5454445	ei0432.d	09/09/08	17:58
11	AMS33MS	5454446	ei0433.d	09/09/08	18:22
12	AMS33MSD	5454447	ei0434.d	09/09/08	18:45
13	AMSS5	5454413	ei0435.d	09/09/08	19:09
14	AMS15	5454424	ei0436.d	09/09/08	19:32
15	AMSSY	5454425	ei0437.d	09/09/08	19:55
16	SECC080	STD2478	ei0437c.d	09/09/08	20:18
17	819A-	5455946	ei0438.d	09/09/08	20:42
18	819B-	5455947	ei0439.d	09/09/08	21:05

FORM V SV

ASXB4 0064

5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID: ei0420.d DFTPP Injection Date: 09/09/08

Instrument ID: HP09572 DFTPP Injection Time: 12:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.48 (0.75)1
69	Mass 69 relative abundance	64.0
70	Less than 2.0% of mass 69	0.32 (0.5)1
127	40.0 - 60.0% of mass 198	49.0
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.13
275	10.0 - 30.0% of mass 198	27.9
365	Greater than 1.00% of mass 198	4.49
441	Present, and less than mass 443	12.3
442	Greater than 40.0 % of mass 198	94.7
443	17.0 - 23.0% of mass 442	19.5 (20.6)2

1-Value is % mass 69 2-Value is % mass of 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	L05-2	5452697	ei0440.d	09/09/08	21:28
20	L09-4	5452706	ei0441.d	09/09/08	21:52
21	L0E34	5452710	ei0442.d	09/09/08	22:15

FORM V SV

ASX84 0065

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ei0421.d Date Analyzed: 09/09/08

Instrument ID: HP09572 Time Analyzed: 12:58

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	75204	4.966	342859	6.061	215252	7.527
	UPPER LIMIT	150408	5.466	685718	6.561	430504	8.027
	LOWER LIMIT	37602	4.466	171430	5.561	107626	7.027
	EPA SAMPLE NO.						
01	SBLKLA2465	76222	4.960	351708	6.055	215703	7.521
02	246LALCS5	73088	4.966	333552	6.061	205150	7.527
03	SBLKWB2525	69655	4.960	326920	6.055	208810	7.521
04	252WBLCS5	74383	4.960	340388	6.055	212230	7.521
05	252WBLCSD5	70961	4.960	321614	6.055	201429	7.521
06	8N44ARE	74003	4.960	355393	6.055	212584	7.521
07	AMS33	79687	4.966	384110	6.055	224837	7.521
08	AMS33MS	79876	4.966	367877	6.061	211573	7.527
09	AMS33MSD	81399	4.966	367648	6.061	205461	7.527
10	AMSS5	80483	4.966	375483	6.061	209004	7.521
11	AMS15	80213	4.966	382117	6.061	219137	7.527
12	AMSSY	78508	4.966	372416	6.061	209213	7.527
13	SECC080	76393	4.966	352867	6.061	209195	7.527
14	819A-	82027	4.966	385600	6.061	212271	7.527
15	819B-	85625	4.966	388145	6.061	218776	7.527
16	L05-2	82257	4.966	349490	6.061	196233	7.527
17	L09-4	73976	4.972	323723	6.061	185513	7.527

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard are and RT values with an asterisk
* Values outside of QC limits.

ASX04 0066

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ei0421.d Date Analyzed: 09/09/08

Instrument ID: HP09572 Time Analyzed: 12:58

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	75204	4.966	342859	6.061	215252	7.527
	UPPER LIMIT	150408	5.466	685718	6.561	430504	8.027
	LOWER LIMIT	37602	4.466	171430	5.561	107626	7.027
	EPA SAMPLE NO.						
18	L0E34	78834	4.972	353602	6.067	201185	7.533

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard are and RT values with an asterisk
* Values outside of QC limits.

ASX04 0067

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ei0421.d Date Analyzed: 09/09/08

Instrument ID: HP09572 Time Analyzed: 12:58

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	390129	8.747	428261	10.996	349138	12.606
	UPPER LIMIT	780258	9.247	856522	11.496	698276	13.106
	LOWER LIMIT	195065	8.247	214131	10.496	174569	12.106
	EPA SAMPLE NO.						
01	SBLKLA2465	433206	8.747	429243	10.990	331529	12.606
02	246LALCS5	382248	8.747	369508	10.990	297241	12.600
03	SBLKWB2525	381514	8.741	383362	10.990	300766	12.600
04	252WBLCS5	377358	8.741	365574	10.990	293279	12.600
05	252WBLCSD5	374635	8.741	366209	10.990	293392	12.600
06	8N44ARE	396061	8.741	374802	10.990	298501	12.600
07	AMS33	388004	8.741	326664	10.991	283718	12.606
08	AMS33MS	367204	8.747	321003	10.997	281240	12.606
09	AMS33MSD	361937	8.747	319496	10.996	278668	12.606
10	AMSS5	333404	8.747	311085	11.002	290180	12.612
11	AMS15	350220	8.747	313499	10.996	283026	12.612
12	AMSSY	340359	8.747	314157	10.996	283725	12.612
13	SECC080	377611	8.753	383010	11.002	311084	12.612
14	819A-	349914	8.747	322238	10.997	286907	12.612
15	819B-	372688	8.747	336144	10.996	285121	12.612
16	L05-2	331259	8.753	326040	11.002	288858	12.624
17	L09-4	327894	8.753	352502	11.014	311518	12.641

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard are and RT values with an asterisk
* Values outside of QC limits.

ASX04.0068

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: LANCASTER LABS Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Lab File ID (Standard): ei0421.d Date Analyzed: 09/09/08

Instrument ID: HP09572 Time Analyzed: 12:58

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	390129	8.747	428261	10.996	349138	12.606
UPPER LIMIT	780258	9.247	856522	11.496	698276	13.106
LOWER LIMIT	195065	8.247	214131	10.496	174569	12.106
EPA SAMPLE NO.						
18 L0E34	340189	8.753	327464	11.008	279352	12.630

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT (advisory) = +100% of internal standard area
AREA LOWER LIMIT (advisory) = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard are and RT values with an asterisk
* Values outside of QC limits.

ASX04 0069

Sample Data

ASX04 0070

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

GC/MS Semivolatile Soil Composite MDL Study

MDLs verified April 2006

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
1,1'-Biphenyl	32.343	30.535	32.854	33.613	33.171	32.040	31.946	32.386	1.05	3.143	3.30	33.33	97	33
1,2,4,5-Tetrachlorobenzene	31.335	28.409	30.882	31.863	33.255	33.158	29.960	31.266	1.73	3.143	5.43	33.33	94	67
1,2,4-Trichlorobenzene	30.908	28.923	31.210	30.949	30.420	30.470	28.886	30.252	0.96	3.143	3.02	33.33	91	33
1,2-Dichlorobenzene	30.056	28.808	27.392	30.667	29.181	28.763	27.482	28.907	1.21	3.143	3.82	33.33	87	33
1,2-Diphenylhydrazine	26.468	25.564	25.146	27.617	25.188	26.239	24.223	25.778	1.10	3.143	3.46	33.33	77	33
1,3,5-Trinitrobenzene *	217.224	227.916	220.939	220.191	218.522	215.032	213.274	219.014	4.77	3.143	15.00	166.66	131	170
1,3-Dichlorobenzene	31.299	27.550	27.339	29.646	28.721	29.465	26.395	28.631	1.67	3.143	5.24	33.33	86	170
1,3-Dinitrobenzene	19.117	14.622	18.155	14.538	17.258	18.190	15.043	16.703	1.92	3.143	6.05	33.33	50	67
1,4-Dichlorobenzene	30.650	30.553	28.002	35.118	30.304	29.664	27.844	30.305	2.42	3.143	7.60	33.33	91	33
1,4-Dinitrobenzene	9.136	11.185	15.566	14.874	11.512	17.072	13.597	13.277	2.80	3.143	8.79	33.33	40	33
1,4-Dioxane	19.963	17.134	15.078	21.283	16.720	12.130	15.867	16.882	3.05	3.143	9.59	33.33	51	100
1,4-Naphthoquinone	101.654	93.711	109.087	106.876	109.972	113.920	108.533	106.250	6.64	3.143	20.87	166.67	64	830
1-Chloronaphthalene	27.281	25.623	26.526	27.560	26.730	27.169	26.481	26.770	0.65	3.143	2.04	33.33	80	33
1-Methylnaphthalene	31.325	29.973	30.300	31.495	32.527	31.291	28.118	30.718	1.42	3.143	4.46	33.33	92	33
1-Naphthylamine *	18.135	14.963	14.107	12.529	14.026	12.895	25.261	15.988	4.48	3.143	14.09	166.66	10	170
1-Nitronaphthalene	20.241	22.694	26.812	25.083	24.774	23.509	21.039	23.450	2.32	3.143	7.31	33.33	70	33
2,2'-oxybis(1-Chloropropane)	32.857	33.144	34.115	37.721	35.312	35.215	33.081	34.492	1.74	3.143	5.48	33.33	103	33
2,3,4,6-Tetrachlorophenol	25.926	25.419	24.917	24.051	23.989	24.791	24.365	24.780	0.72	3.143	2.25	33.33	74	67
2,4,5-Trichlorophenol	22.682	23.536	24.945	27.404	23.166	25.702	23.697	24.447	1.67	3.143	5.25	33.33	73	67
2,4,6-Trichlorophenol	25.460	23.190	25.970	23.167	24.477	23.484	19.900	23.664	1.99	3.143	6.27	33.33	71	33
2,4-Dichlorophenol	30.063	25.606	26.672	26.795	28.655	25.685	25.405	26.983	1.76	3.143	5.52	33.33	81	33
2,4-Dimethylphenol	24.972	27.051	27.450	28.678	7.557	15.344	10.297	20.193	8.90	3.143	27.98	33.33	61	67
2,4-Dinitrophenol	156.657	134.032	163.925	148.815	162.990	151.056	156.188	153.380	10.19	3.143	32.02	333.33	46	670
2,4-Dinitrotoluene	24.857	22.510	21.736	25.873	26.004	24.890	20.579	23.778	2.15	3.143	6.76	33.33	71	67
2,6-Dichlorophenol	27.636	27.574	26.348	28.216	24.314	26.488	24.368	26.421	1.56	3.143	4.92	33.33	79	67
2,6-Dinitrotoluene	22.057	19.230	23.130	28.044	24.542	23.173	21.064	23.034	2.79	3.143	8.77	33.33	69	33
2-Acetylaminofluorene	10.438	10.858	14.036	12.333	11.342	12.849	11.330	11.884	1.26	3.143	3.96	33.33	36	67

Analyst name and ID (printed): Chad Moline 1237 Approved by: RHK 1975

Signature: Chad Moline Title: Manager

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

GC/MS Semivolatile Soil Composite MDL Study

MDLs verified April 2008

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
2-Chloronaphthalene	30.438	27.768	29.708	31.940	31.466	32.193	30.427	30.563	1.52	3.143	4.79	33.33	92	33
2-Chlorophenol	31.113	29.155	29.246	33.651	30.174	32.228	29.742	30.758	1.68	3.143	5.27	33.33	92	33
2-Methylnaphthalene	29.536	29.464	27.879	29.711	29.235	30.191	27.290	29.044	1.05	3.143	3.31	33.33	87	33
2-Methylphenol	35.859	32.344	34.582	34.116	41.786	30.953	28.709	34.050	4.17	3.143	13.11	33.33	102	67
2-Naphthylamine @	5.408	11.151	4.844	5.165	6.703	7.658	18.507	8.491	4.92	3.143	15.46	166.66	5	170
2-Nitroaniline	19.239	20.113	21.397	18.694	20.188	20.496	17.808	19.705	1.21	3.143	3.79	33.33	59	33
2-Nitrophenol	24.457	23.039	23.866	24.373	25.412	26.149	25.311	24.658	1.05	3.143	3.29	33.33	74	33
2-Picoline *	78.298	84.677	89.548	96.796	98.889	83.036	68.326	85.653	10.62	3.143	33.38	166.66	51	100
3,3'-Dichlorobenzidine *	41.034	44.374	26.009	22.975	23.561	24.194	86.304	38.350	22.92	3.143	72.03	166.66	23	100
3,3'-Dimethylbenzidine ***	224.855	45.265	69.049	70.655	55.070	37.997	28.804	75.956	67.44	3.143	211.96	333.33	23	330
3-Methylcholanthrene	16.144	15.615	11.924	16.968	5.345	7.498	8.713	11.744	4.65	3.143	14.62	33.33	35	70
3-Nitroaniline *	99.879	99.363	82.324	80.968	74.910	80.180	118.226	90.836	15.50	3.143	48.72	166.66	55	70
4,4'-Methylenebis(2-Chloroani	22.458	24.553	12.013	10.890	6.324	8.363	60.207	20.687	18.75	3.143	58.93	166.66	12	170
4,6-Dinitro-2-methylphenol	207.484	194.426	207.622	212.634	221.155	212.285	205.472	208.726	8.17	3.143	25.67	333.33	63	170
4-Aminobiphenyl	7.937	9.067	8.366	6.411	4.651	5.450	4.649	6.647	1.82	3.143	5.73	33.33	20	170
4-Bromophenyl-phenylether	29.785	28.184	30.069	28.988	30.654	28.436	28.496	29.230	0.95	3.143	2.97	33.33	88	33
4-Chloro-3-methylphenol	27.637	25.354	25.948	24.533	25.419	28.352	25.441	26.098	1.38	3.143	4.33	33.33	78	67
4-Chloroaniline *	40.147	32.592	28.675	26.914	25.816	31.114	66.191	35.921	14.17	3.143	44.52	166.66	22	67
4-Chlorophenyl-phenylether	30.950	29.871	32.224	32.365	31.063	34.170	29.768	31.487	1.56	3.143	4.89	33.33	94	33
4-Methylphenol	31.705	28.258	33.466	39.495	38.928	36.485	42.315	35.808	4.92	3.143	15.47	33.33	107	67
4-Nitroaniline	13.440	21.401	13.611	14.212	6.312	9.709	13.279	13.138	4.62	3.143	14.52	33.33	39	67
4-Nitrophenol	262.813	242.478	246.693	247.945	229.194	243.399	235.752	244.039	10.54	3.143	33.13	333.33	73	170
4-Nitroquinoline-1-oxide	89.775	88.589	85.184	91.204	83.818	83.225	86.151	86.849	3.06	3.143	9.61	166.67	52	330
5-Nitro-o-toluidine	10.664	14.446	11.382	9.522	5.401	5.519	11.258	9.742	3.28	3.143	10.32	33.33	29	170
6-Methylchrysene	27.191	26.795	28.672	27.953	29.616	28.155	27.141	27.932	0.99	3.143	3.12	33.33	84	33
7,12-Dimethylbenz[a]anthrace	19.959	18.620	24.921	19.572	22.689	22.655	20.255	21.239	2.23	3.143	7.02	33.33	64	33
a,a-Dimethylphenethylamine *	46.958	58.006	40.122	39.162	36.075	33.388	36.445	41.451	8.47	3.143	26.62	166.66	25	100
Acenaphthene	31.737	29.495	32.074	32.667	32.292	33.097	30.655	31.717	1.25	3.143	3.92	33.33	95	33

Analyst name and ID (printed): Chad Moline 1237

Approved by: PHK 1975

Signature: Chad Moline

Title: Manager

GC/MS Semivolatile Soil Composite MDL Study

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2008

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
Acenaphthylene	30.804	28.993	30.246	30.574	30.074	31.722	29.288	30.243	0.92	3.143	2.90	33.33	91	33
Acetophenone	35.047	30.808	34.192	34.030	34.247	30.839	30.761	32.846	1.94	3.143	6.09	33.33	99	67
Aniline **	303.517	202.466	260.437	163.093	223.441	183.605	173.195	215.679	50.91	3.143	160.02	333.30	65	170
Anthracene	30.518	28.280	29.969	30.276	30.415	30.990	27.956	29.772	1.17	3.143	3.69	33.33	89	33
Aramite	18.859	17.631	19.531	23.289	20.063	20.867	18.064	19.758	1.92	3.143	6.02	33.33	59	67
Atrazine	24.147	21.857	24.361	24.187	23.737	27.415	25.648	24.479	1.71	3.143	5.39	33.33	73	33
Benzaldehyde	12.791	11.154	11.215	13.379	12.858	11.515	10.813	11.961	1.02	3.143	3.20	33.33	36	67
Benzidine **	1050.840	184.375	345.256	317.570	293.984	207.222	173.847	367.585	308.78	3.143	970.50	333.30	110	1200
Benzo(a)anthracene	35.640	33.874	34.006	35.252	33.933	33.913	33.498	34.302	0.81	3.143	2.53	33.33	103	33
Benzo(a)pyrene	24.697	24.353	25.253	26.004	24.897	24.300	24.782	24.898	0.59	3.143	1.84	33.33	75	33
Benzo(b)fluoranthene	28.851	26.651	30.251	28.975	32.554	30.807	28.593	29.526	1.88	3.143	5.91	33.33	89	33
Benzo(g,h,i)perylene	23.227	21.988	24.359	23.035	25.861	22.868	22.339	23.382	1.33	3.143	4.17	33.33	70	33
Benzo(k)fluoranthene	30.659	28.598	32.133	29.552	32.475	32.012	29.485	30.702	1.54	3.143	4.82	33.33	92	33
Benzoic acid	102.275	92.647	99.851	94.467	98.954	94.577	91.299	96.296	4.08	3.143	12.83	333.33	29	170
Benzyl alcohol **	328.044	291.868	353.519	322.606	330.478	354.419	294.643	325.082	24.98	3.143	78.50	333.30	98	170
Biphenyl	32.343	30.535	32.854	33.813	33.171	32.040	31.946	32.386	1.05	3.143	3.30	33.33	97	33
bis(2-Chloroethoxy)methane	32.835	28.768	32.032	33.764	33.767	30.164	32.997	32.047	1.90	3.143	5.98	33.33	96	33
bis(2-Chloroethyl)ether	28.448	25.458	28.348	28.975	27.055	27.970	27.357	27.659	1.17	3.143	3.68	33.33	83	33
bis(2-Chloroisopropyl)ether	32.857	33.144	34.115	37.721	35.312	35.215	33.081	34.492	1.74	3.143	5.48	33.33	103	33
bis(2-Ethylhexyl)phthalate	30.732	31.289	32.904	31.084	32.984	31.865	29.998	31.551	1.11	3.143	3.48	33.33	95	67
Butylbenzylphthalate	27.923	25.424	27.607	28.569	26.590	28.168	27.051	27.333	1.07	3.143	3.38	33.33	82	67
Caprolactam	20.857	15.718	18.786	18.457	15.309	18.235	18.061	17.917	1.89	3.143	5.94	33.33	54	33
Carbazole	31.285	29.661	30.027	30.986	28.346	29.174	26.938	29.488	1.51	3.143	4.75	33.33	88	33
Chlorobenzilate	25.830	22.925	26.232	24.157	25.380	22.695	23.132	24.336	1.48	3.143	4.64	33.33	73	33
Chrysene	32.474	31.989	31.065	32.953	32.660	29.800	32.289	31.893	1.10	3.143	3.47	33.33	96	33
Diallate TRANS/CIS	24.491	24.029	24.199	28.170	26.532	23.876	24.997	25.185	1.59	3.143	5.01	33.33	76	33
Dibenz(a,h)acridine	18.620	17.164	17.417	18.771	18.459	21.032	15.557	18.146	1.70	3.143	5.33	33.33	54	33
Dibenz(a,h)anthracene	23.826	20.295	23.352	23.344	24.060	22.070	21.791	22.677	1.35	3.143	4.25	33.33	68	33
Dibenz(a,j)acridine *	117.598	135.000	136.233	135.874	132.504	126.283	121.430	129.275	7.55	3.143	23.73	166.66	78	33

Analyst name and ID (printed): Chad Moline 1237

Approved by: RHK 1975

Signature: Chad Moline

Title: Manager

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

GC/MS Semivolatile Soil Composite MDL Study

MDLs verified April 2008

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
Dibenzofuran	33.118	30.720	32.932	31.691	31.382	31.733	29.381	31.565	1.28	3.143	4.03	33.33	95	33
Diethylphthalate	33.163	30.441	30.562	31.683	30.647	30.635	29.915	31.006	1.09	3.143	3.42	33.33	93	67
Dimethoate *	192.994	197.252	194.741	200.228	195.950	192.614	190.503	194.898	3.25	3.143	10.20	166.66	117	170
Dimethylphthalate	31.266	29.653	31.143	31.594	32.624	32.202	31.991	31.496	0.97	3.143	3.04	33.33	94	67
Di-n-butylphthalate	30.532	26.875	28.615	29.400	29.630	28.032	27.125	28.601	1.35	3.143	4.24	33.33	86	67
Di-n-octylphthalate	21.046	18.907	22.613	20.806	22.309	21.279	19.901	20.980	1.29	3.143	4.06	33.33	63	67
Dinoseb	138.853	137.071	144.502	143.656	144.500	142.814	141.749	141.878	2.89	3.143	9.08	166.67	85	170
Diphenyl	32.343	30.535	32.854	33.813	33.171	32.040	31.946	32.386	1.05	3.143	3.30	33.33	97	33
Diphenyl ether	33.221	30.349	34.401	34.172	32.713	31.146	30.147	32.307	1.77	3.143	5.55	33.33	97	33
Ethyl methanesulfonate	29.673	23.614	26.770	28.005	27.192	27.018	28.602	27.268	1.91	3.143	5.99	33.33	82	67
Fluoranthene	30.828	28.365	31.388	31.576	31.944	30.494	29.613	30.601	1.25	3.143	3.94	33.33	92	33
Fluorene	32.350	31.549	32.889	35.532	33.884	33.779	32.542	33.218	1.31	3.143	4.10	33.33	100	33
Hexachlorobenzene	32.792	28.351	30.539	32.881	29.220	30.281	27.693	30.251	2.03	3.143	6.37	33.33	91	33
Hexachlorobutadiene	30.903	27.526	28.105	26.699	27.408	28.490	26.466	27.942	1.49	3.143	4.68	33.33	84	67
Hexachlorocyclopentadiene	45.467	44.527	45.004	36.266	50.304	45.163	45.663	44.628	4.17	3.143	13.11	66.67	67	170
Hexachloroethane	27.592	23.602	28.087	26.840	23.899	23.363	25.059	25.492	1.99	3.143	6.26	33.33	76	33
Hexachloropropene	23.289	18.830	22.822	21.906	22.696	22.123	21.938	21.943	1.46	3.143	4.60	33.33	66	100
Indeno(1,2,3-cd)pyrene	22.330	21.021	23.054	22.234	21.894	22.884	21.528	22.135	0.72	3.143	2.27	33.33	66	33
Isodrin	34.836	30.100	32.115	30.086	29.031	26.493	25.697	29.766	3.14	3.143	9.88	33.33	89	33
Isophorone	29.524	24.967	26.993	27.810	27.882	31.468	27.530	28.025	2.03	3.143	6.39	33.33	84	33
Isosafrole	23.684	23.253	24.314	23.820	22.484	23.802	22.871	23.461	0.63	3.143	1.97	33.33	70	67
Methapyrilene *	180.358	182.603	181.200	180.156	180.537	180.472	180.154	180.783	0.88	3.143	2.76	1333.33	14	1700
Methyl methanesulfonate	19.290	16.016	18.770	20.260	14.779	15.756	18.037	17.558	2.06	3.143	6.46	33.33	53	33
Methyl parathion	16.522	18.166	19.564	18.940	19.134	18.609	17.425	18.337	1.06	3.143	3.33	33.33	55	170
N,N-dimethyl formamide	13.818	14.681	14.977	20.214	18.781	14.895	15.181	16.078	2.41	3.143	7.58	33.33	48	170
Naphthalene	32.539	31.051	32.905	33.265	33.511	31.543	30.855	32.238	1.08	3.143	3.40	33.33	97	33
Nitrobenzene	30.968	27.589	29.878	32.043	32.373	36.299	34.747	31.985	2.92	3.143	9.18	33.33	96	33
N-Nitrosodiethylamine	23.006	20.436	26.254	26.016	20.981	24.776	21.818	23.327	2.39	3.143	7.50	33.33	70	67

Analyst name and ID (printed): Chad Moline 1237 Approved by: RHK 1975

Signature: Chad Moline Title: Manager

GC/MS Semivolatile Soil Composite MDL Study

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

MDLs verified April 2008

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
N-Nitrosodimethylamine	18.268	20.334	21.940	21.364	21.028	21.968	18.084	20.427	1.64	3.143	5.14	33.33	61	67
N-Nitrosodi-n-butylamine *	195.953	198.929	179.777	196.377	176.686	180.039	176.812	186.368	10.15	3.143	31.91	166.66	112	67
N-Nitroso-di-n-propylamine	28.967	26.966	28.368	29.646	28.445	27.035	27.428	28.122	1.02	3.143	3.19	33.33	84	33
N-Nitrosodiphenylamine	27.601	26.856	27.821	29.066	22.362	26.097	24.828	26.376	2.22	3.143	6.99	33.33	79	33
N-Nitrosomethylethylamine	14.987	13.342	15.102	10.795	7.824	7.894	10.685	11.518	3.06	3.143	9.62	33.33	35	67
N-Nitrosomorpholine	25.101	24.096	26.157	31.876	25.114	23.702	26.452	26.071	2.75	3.143	8.63	33.33	78	67
N-Nitrosopiperidine	24.785	25.438	21.334	25.262	22.675	22.921	23.757	23.739	1.52	3.143	4.78	33.33	71	67
N-Nitrosopyrrolidine	26.295	21.025	23.494	24.686	23.408	26.316	22.529	23.965	1.95	3.143	6.11	33.33	72	67
O,O,O-triethylphosphorothioat	25.611	23.094	26.564	26.620	27.266	28.541	27.333	26.433	1.72	3.143	5.42	33.33	79	67
Octachlorostyrene	70.732	66.490	70.061	63.984	70.210	67.351	66.209	67.862	2.53	3.143	7.96	70.00	97	170
o-Toluidine **	274.378	125.988	190.343	106.384	155.339	106.573	106.829	152.262	62.34	3.143	195.94	333.30	46	200
Parathion	111.868	98.180	120.269	113.316	111.630	112.131	107.969	110.766	6.67	3.143	20.96	166.67	66	170
p-Dimethylaminoazobenzene	17.208	16.673	19.860	18.040	11.944	16.221	13.356	16.186	2.71	3.143	8.53	33.33	49	67
Pentachlorobenzene	29.585	27.417	30.373	33.220	30.607	32.044	27.316	30.080	2.20	3.143	6.92	33.33	90	67
Pentachloroethane	27.129	21.297	23.629	24.906	23.403	25.964	23.412	24.249	1.92	3.143	6.04	33.33	73	33
Pentachloronitrobenzene	19.860	6.013	27.506	20.987	12.379	27.997	21.818	19.508	7.92	3.143	24.90	33.33	59	67
Pentachlorophenol	269.784	234.563	262.077	254.394	243.306	236.258	238.032	248.345	13.86	3.143	43.56	333.33	75	170
Phenacetin	23.319	20.409	22.754	22.861	21.638	21.380	21.967	22.047	1.01	3.143	3.16	33.33	66	67
Phenanthrene	34.984	32.349	33.716	35.678	32.879	34.257	33.644	33.929	1.16	3.143	3.63	33.33	102	33
Phenol	33.502	31.167	31.993	31.967	31.770	32.957	31.290	32.092	0.85	3.143	2.68	33.33	96	33
Phorate	21.751	23.554	17.365	22.779	15.287	17.077	13.571	18.769	3.91	3.143	12.30	33.33	56	33
Pronamide	21.955	19.730	20.481	22.758	16.734	18.958	15.787	19.486	2.56	3.143	8.05	33.33	58	33
Pyrene	33.684	31.473	33.392	31.777	32.860	32.918	30.322	32.347	1.20	3.143	3.78	33.33	97	33
Pyridine *	60.184	54.571	72.773	76.366	72.884	63.090	58.337	65.458	8.47	3.143	26.62	166.66	39	67
Ronnel	26.747	24.977	25.183	29.532	26.366	27.023	25.419	26.464	1.57	3.143	4.93	33.33	79	33
Safrole	26.591	23.770	28.058	27.644	27.161	26.423	26.429	26.582	1.39	3.143	4.37	33.33	80	67
Tetraethyldithiopyrophosphate	24.517	22.382	23.606	26.536	24.604	26.859	27.074	25.083	1.79	3.143	5.63	33.33	75	67

Analyst name and ID (printed): Chad Moline 1237 Approved by: RHK 1975

Signature: Chad Moline Title: Manager

Extraction Method:
SW-846 3550B
Analytical Method:
SW-846 8270C
Instrument type: HP5890/5972

GC/MS Semivolatile Soil Composite MDL Study

MDLs verified April 2008

Instrument ID	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I	HP06756.I
Datafile	nd137.d	nd138.d	nd139.d	nd140.d	nd141.d	nd142.d	nd143.d
Injection Date	4/7/2006 11:25	4/7/2006 12:22	4/7/2006 13:18	4/7/2006 14:15	4/7/2006 15:11	4/7/2006 16:07	4/7/2006 17:04
Lab Sample ID	SOILA	SOILB	SOILC	SOILD	SOILE	SOILF	SOILG
Client Sample ID	LOWA	LOWB	LOWC	LOWD	LOWE	LOWF	LOWG
Extraction Batch	06055SLH026						

Compound Name	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Concentration (ug/kg)	Mean Concentration (ug/kg)	Standard Deviation	Student T value used	Sample MDL (ug/kg)	Sample Spike Level (ug/kg)	Average %Rec.	Reported MDL (ug/kg)
Thionazin	23.518	20.853	21.272	25.325	19.986	22.863	15.636	21.351	3.10	3.143	9.73	33.33	64	67
Quinoline #	24.710	23.682	15.629	23.658	19.609	22.144	13.882	20.473	4.26	3.143	13.39	33.33	61	33
Indene #	35.827	33.837	35.584	36.992	33.471	35.075	30.621	34.487	2.08	3.143	6.55	33.33	103	33
Benzenethiol $	6.884	10.117	7.903	7.920	6.213	7.890	10.376	8.186	1.55	3.143	4.86	167.00	5	330
1,4-Phenylenediamine ***	14761.283	6166.538	9622.363	5174.383	7938.597	6903.237	5480.935	8006.762	3347.75	3.143	10521.99	33333.30	24	12000

* = Taken from files nd156.d, nd157.d, nd158.d, nd159.d, nd160.d, nd161.d, nd162.d
@ = Taken from files od0228.d, od0229.d, od230.d, od231.d, od232.d, od233.d, od234.d
# = Taken from files bd317.d, bd318.d, bd319.d, bd320.d, bd321.d, bd322.d, bd323.d
$ = Taken from files bd349.d, bd350.d, bd351.d, bd352.d, bd353.d, bd354.d, bd355.d
** = Taken from files ed1397.d, ed1398.d, ed1399.d, ed1400.d, ed1401.d, ed1402.d, ed1403.d
*** = Taken from files md563.d, md564.d, md565.d, md566.d, md567.d, md568.d, md569.d

Analyst name and ID (printed): Chad Moline 1237 Approved by: RHK 1975

Signature: Chad Moline Title: manager

AMSS5

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454413

Data file: /chem/HP09572.i/08sep09.b/ei0435.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 19:09 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	80483(7)	40.00	
53) Naphthalene-d8	6.061(0.000)	674	136.0	375483(10)	40.00	
98) Acenaphthene-d10	7.521(0.006)	918	164.0	209004(-3)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	333404(-15)	40.00	
168) Chrysene-d12	11.002(-0.006)	1500	240.0	311085(-27)	40.00	
176) Perylene-d12	12.611(-0.006)	1769	264.0	290180(-17)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.812(-0.002)	112	610437	158.117	79%		38 - 124
15) Phenol-d6	(1)	4.667(-0.001)	99	982103	164.968	82%		41 - 120
38) Nitrobenzene-d5	(2)	5.451(0.000)	82	511743	91.118	91%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(-0.001)	172	685151	94.868	95%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(-0.001)	330	187895	163.610	82%		34 - 138
157) Terphenyl-d14	(5)	10.063(0.000)	244	606039	83.635	84%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL, Do not report					1.00
18) bis(2-Chloroethyl)ether	(1)			Below MDL, Do not report					1.00
19) 2-Chlorophenol	(1)			Below MDL, Do not report					1.00
20) 1,3-Dichlorobenzene	(1)			Below MDL, Do not report					1.00
22) 1,4-Dichlorobenzene	(1)			Below MDL, Do not report					1.00
25) 1,2-Dichlorobenzene	(1)			Below MDL, Do not report					1.00
26) 2-Methylphenol	(1)			Below MDL, Do not report					2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			ND		ND			1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL, Do not report					1.00
33) 4-Methylphenol	(1)			Below MDL, Do not report					2.00
37) Hexachloroethane	(1)			Below MDL, Do not report					1.00
39) Nitrobenzene	(2)			Below MDL, Do not report					1.00
41) Isophorone	(2)			Below MDL, Do not report					1.00
43) 2-Nitrophenol	(2)			Below MDL, Do not report					1.00
45) 2,4-Dimethylphenol	(2)			Below MDL, Do not report					2.00
47) bis(2-Chloroethoxy)methane	(2)			Below MDL, Do not report					1.00
50) 2,4-Dichlorophenol	(2)			Below MDL, Do not report					1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(0.000)	180	62230	22.536	751.19			1.00
54) Naphthalene	(2)	6.079(0.000)	128	50956	4.997	166.58			1.00
56) 4-Chloroaniline	(2)			Below MDL, Do not report					2.00
60) Hexachlorobutadiene	(2)			Below MDL, Do not report					2.00
68) 4-Chloro-3-methylphenol	(2)			Below MDL, Do not report					2.00

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Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454413

Data file: /chem/HP09572.i/08sep09.b/ei0435.d Blank Data file reference:**/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 19:09 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	55708	8.213	273.76			1.00
72) Hexachlorocyclopentadiene	(3)			Below MDL,	Do not report				5.00
75) 2,4,6-Trichlorophenol	(3)			Below MDL,	Do not report				1.00
77) 2,4,5-Trichlorophenol	(3)			Below MDL,	Do not report				2.00
84) 2-Chloronaphthalene	(3)			Below MDL,	Do not report				1.00
89) 2-Nitroaniline	(3)			Below MDL,	Do not report				1.00
92) Dimethylphthalate	(3)			Below MDL,	Do not report				2.00
94) 2,6-Dinitrotoluene	(3)			Below MDL,	Do not report				1.00
95) Acenaphthylene	(3)	7.407(0.000)	152	29707	3.081	102.71			1.00
97) 3-Nitroaniline	(3)			Below MDL,	Do not report				2.00
99) Acenaphthene	(3)			Below MDL,	Do not report				1.00
100) 2,4-Dinitrophenol	(3)			Below MDL,	Do not report				20.00
103) 4-Nitrophenol	(3)			Below MDL,	Do not report				5.00
104) Dibenzofuran	(3)	7.694(-0.001)	168	32255	3.544	118.13			1.00
105) 2,4-Dinitrotoluene	(3)			Below MDL,	Do not report				2.00
109) Diethylphthalate	(3)			Below MDL,	Do not report				2.00
111) Fluorene	(3)			Below MDL,	Do not report				1.00
112) 4-Chlorophenyl-phenylether	(3)			Below MDL,	Do not report				1.00
114) 4-Nitroaniline	(3)			Below MDL,	Do not report				2.00
115) 4,6-Dinitro-2-methylphenol	(4)			Below MDL,	Do not report				5.00
117) N-Nitrosodiphenylamine	(4)			Below MDL,	Do not report				1.00
126) 4-Bromophenyl-phenylether	(4)			Below MDL,	Do not report				1.00
128) Hexachlorobenzene	(4)	8.424(0.000)	284	9110	4.577	152.55			1.00
132) Pentachlorophenol	(4)			Below MDL,	Do not report				5.00
138) Phenanthrene	(4)	8.765(0.001)	178	92450	10.548	351.61			1.00
139) Anthracene	(4)	8.807(0.001)	178	49461	5.287	176.23			1.00
141) Carbazole	(4)	8.938(0.001)	167	14200	1.531	51.05			1.00
143) Di-n-butylphthalate	(4)			Below MDL,	Do not report				2.00
148) Fluoranthene	(4)	9.740(0.000)	202	120260	11.654	388.48			1.00
155) Pyrene	(5)	9.925(0.001)	202	109002	11.806	393.52			1.00
162) Butylbenzylphthalate	(5)			Below MDL,	Do not report				2.00
165) 3,3'-Dichlorobenzidine	(5)			Below MDL,	Do not report				3.00
167) Benzo(a)anthracene	(5)	10.996(0.000)	228	80980	9.018	300.59			1.00
169) Chrysene	(5)	11.026(0.001)	228	133668	15.599	519.98			1.00
170) bis(2-Ethylhexyl)phthalate	(5)			Below MDL,	Do not report				2.00
171) Di-n-octylphthalate	(6)			Below MDL,	Do not report				2.00
173) Benzo(b)fluoranthene	(6)	12.157(0.001)	252	213461	20.113	670.42			1.00
174) Benzo(k)fluoranthene	(6)	12.181(0.001)	252	80102	7.245	241.51			1.00
175) Benzo(a)pyrene	(6)	12.540(0.001)	252	60617	6.306	210.20			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.928(0.001)	276	64833	5.634	187.82			1.00
181) Dibenz(a,h)anthracene	(6)	13.952(0.002)	278	19383	2.166	72.20			1.00

ASX84 8878

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Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454413

Data file: /chem/HP09572.i/08sep09.b/ei0435.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 19:09 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.251	(0.002)	276	56941	5.874	195.79			1.00

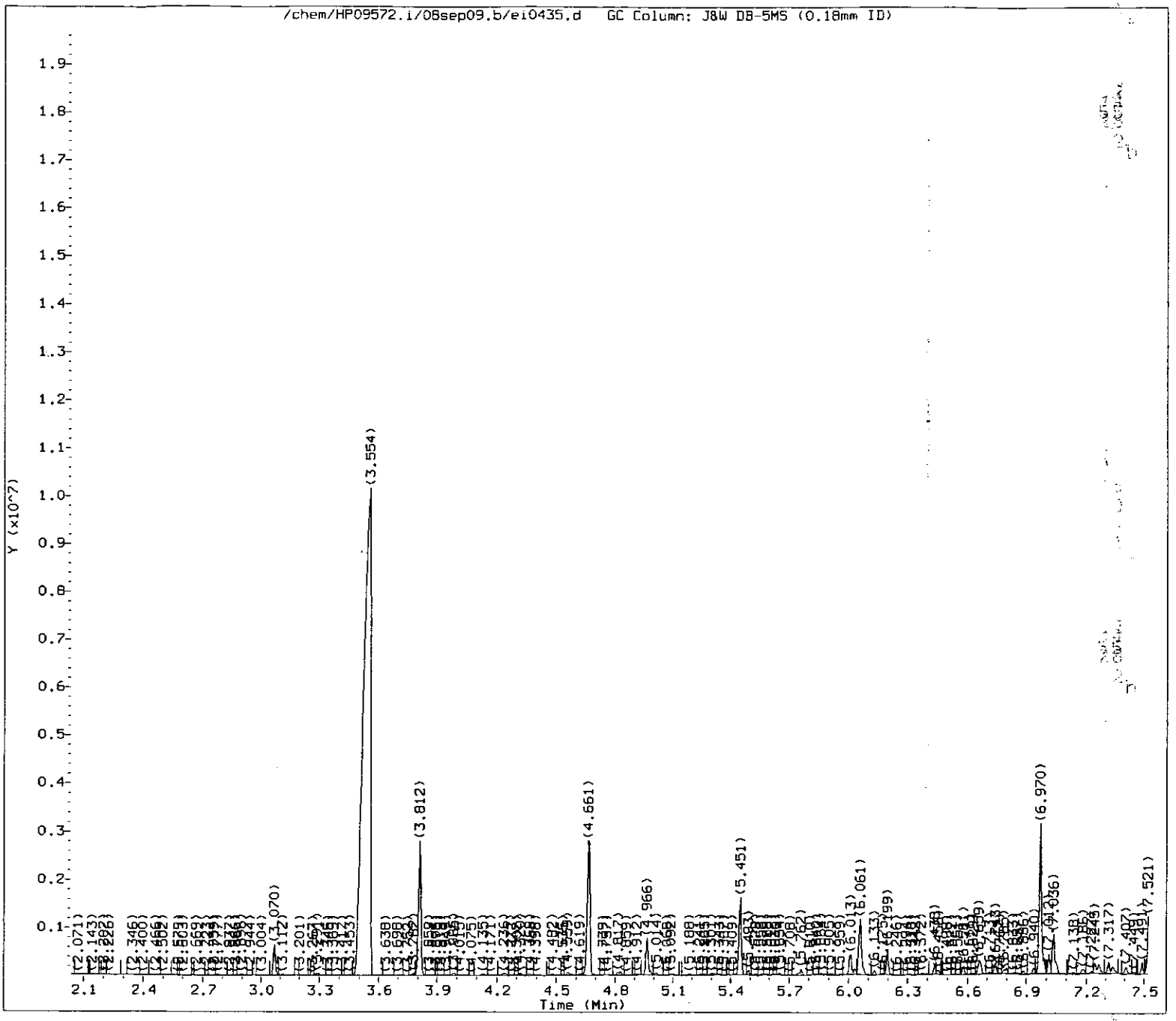
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX64 0079



Quant Report

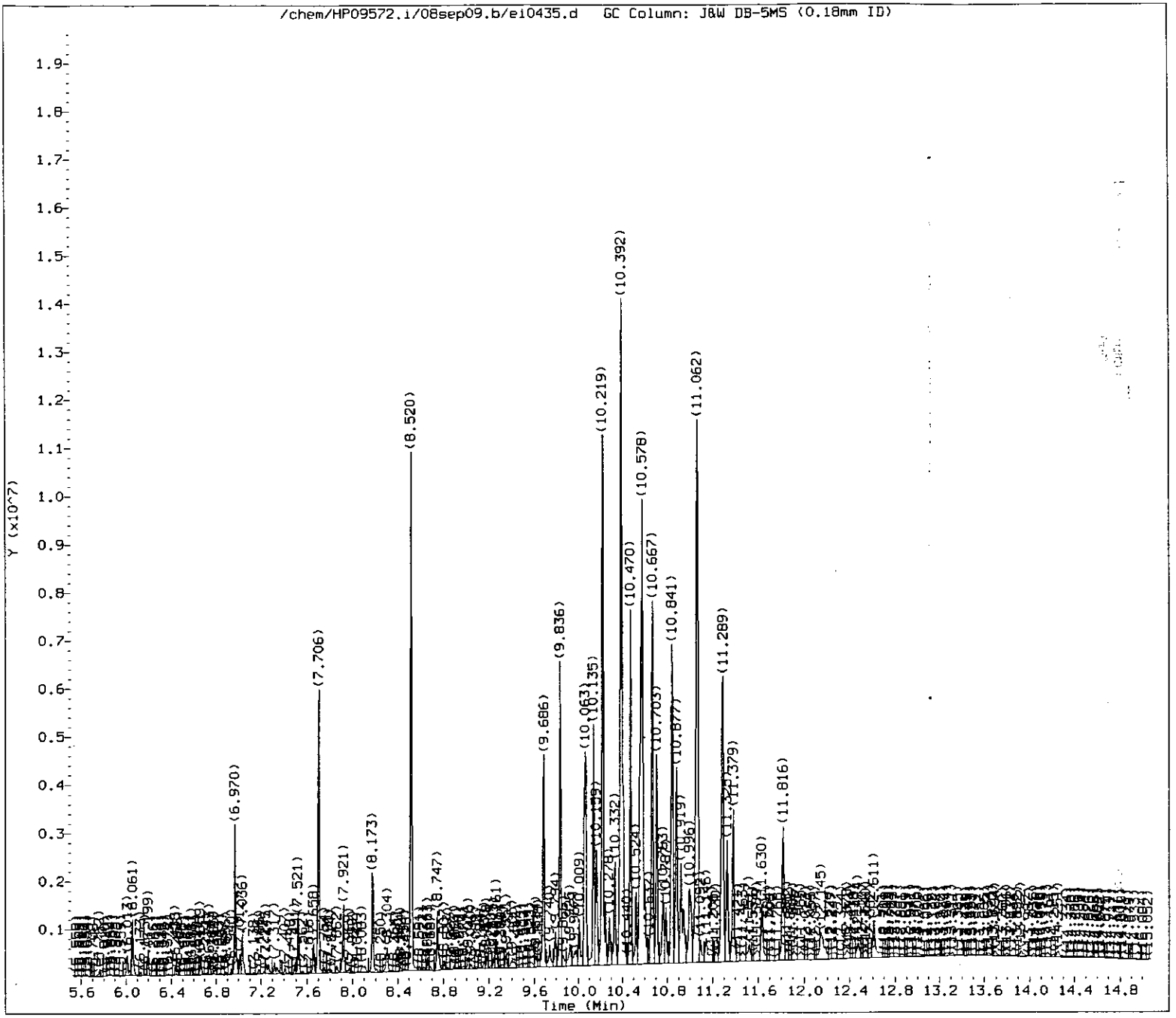
Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

ASX84 6888



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

ASX84 8881

MN1986 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: .STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:58 lmh00956

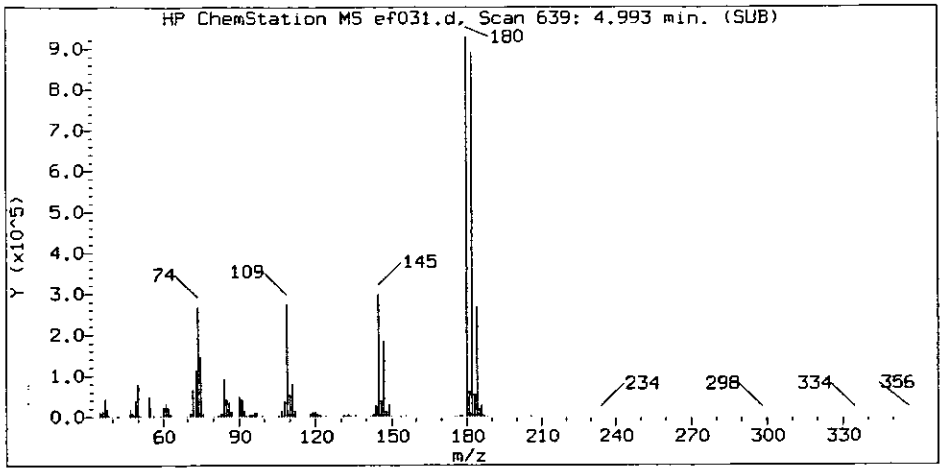
Sample Name: AMSS5 Lab Sample ID: 5454413

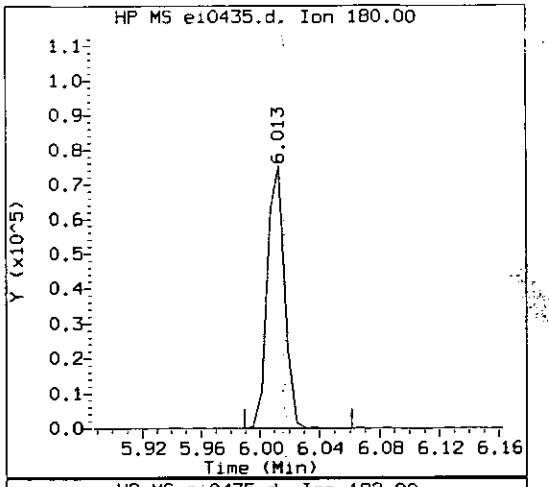
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	80483	40.0000
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	62230	22.5357
53) Naphthalene-d8	(2)	6.061	136	375483	40.0000
54) Naphthalene	(2)	6.079	128	50956	4.9974
70) 2-Methylnaphthalene	(2)	6.659	142	55708	8.2128
95) Acenaphthylene	(3)	7.407	152	29707M	3.0812
98) Acenaphthene-d10	(3)	7.521	164	209004	40.0000
104) Dibenzofuran	(3)	7.694	168	32255M	3.5439
128) Hexachlorobenzene	(4)	8.424	284	9110M	4.5766
136) Phenanthrene-d10	(4)	8.747	188	333404	40.0000
138) Phenanthrene	(4)	8.765	178	92450	10.5482
139) Anthracene	(4)	8.807	178	49461M	5.2870
141) Carbazole	(4)	8.938	167	14200M	1.5314
148) Fluoranthene	(4)	9.740	202	120260M	11.6544
155) Pyrene	(5)	9.925	202	109002M	11.8056
167) Benzo(a)anthracene	(5)	10.996	228	80980	9.0177
168) Chrysene-d12	(5)	11.002	240	311085	40.0000
169) Chrysene	(5)	11.026	228	133668	15.5993
173) Benzo(b)fluoranthene	(6)	12.157	252	213461M	20.1125
174) Benzo(k)fluoranthene	(6)	12.181	252	80102M	7.2452
175) Benzo(a)pyrene	(6)	12.540	252	60617	6.3059
176) Perylene-d12	(6)	12.611	264	290180	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.928	276	64833	5.6345
181) Dibenz(a,h)anthracene	(6)	13.952	278	19383M	2.1660
182) Benzo(g,h,i)perylene	(6)	14.251	276	56941M	5.8737
9) 2-Fluorophenol	(1)	3.812	112	610437	158.1174
15) Phenol-d6	(1)	4.667	99	982103	164.9680
38) Nitrobenzene-d5	(2)	5.451	82	511743	91.1177
78) 2-Fluorobiphenyl	(3)	6.970	172	685151	94.8677
119) 2,4,6-Tribromophenol	(3)	8.179	330	187895	163.6102
157) Terphenyl-d14	(5)	10.063	244	606039	83.6355

M = Compound was manually integrated. A = User selected an alternate hit

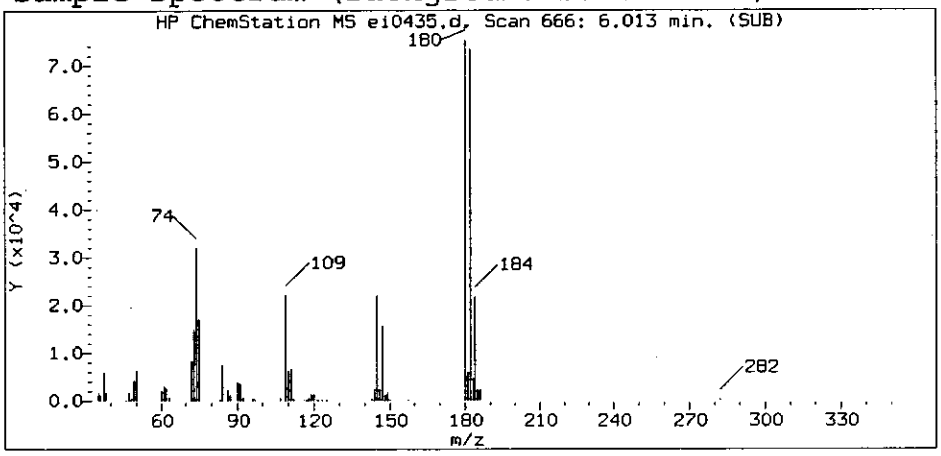
ASX04 5082

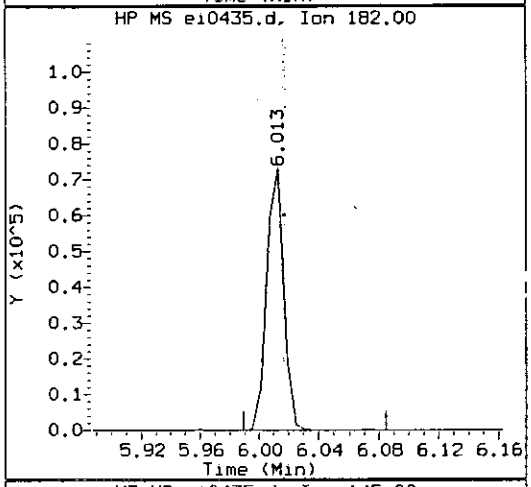
Reference Standard Spectrum for 1,2,4-Trichlorobenzene



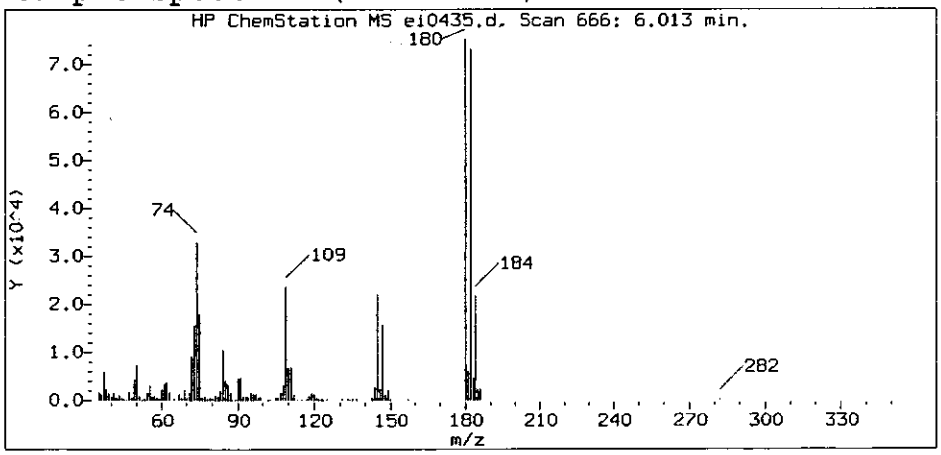


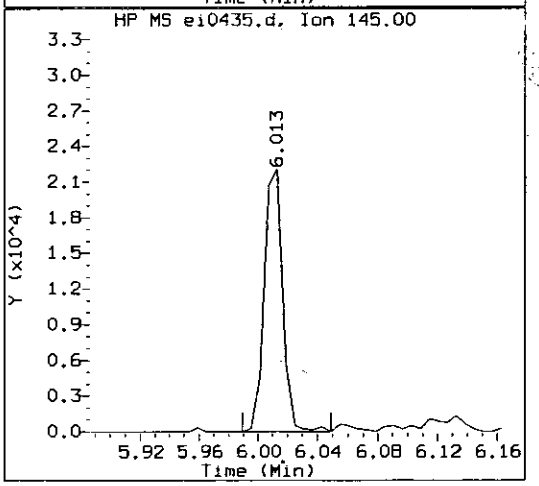
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

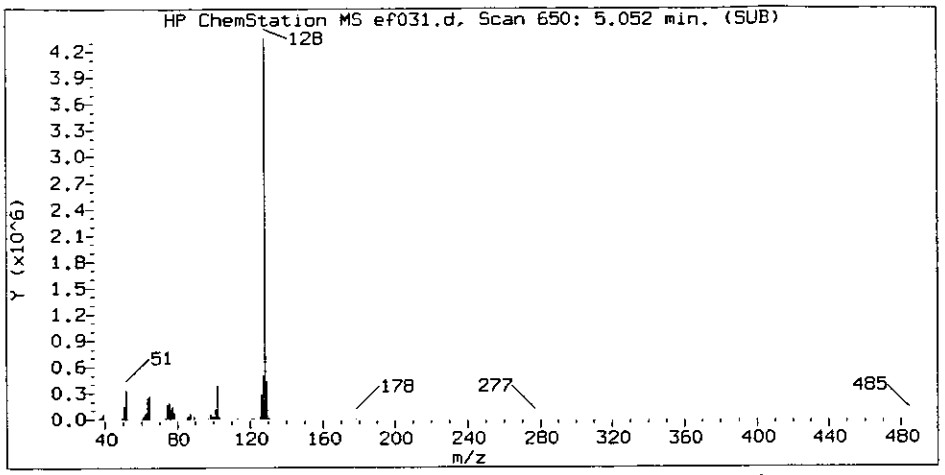
Sample Name: AMSS5

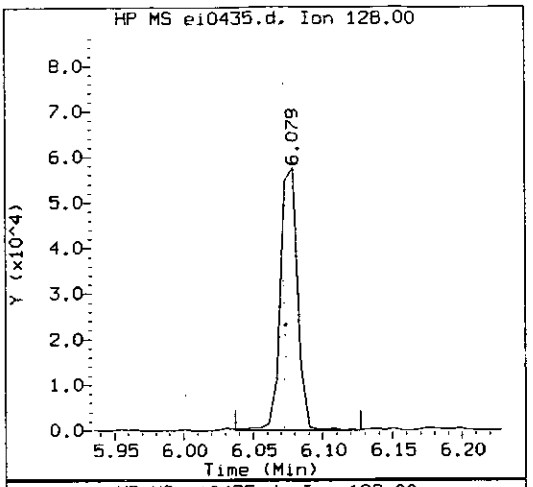
Lab Sample ID: 5454413

Compound Number : 51
Compound Name : 1,2,4-Trichlorobenzene
Scan Number : 666
Retention Time (minutes): 6.013
Quant Ion : 180.0
Area (flag) : 62230
Concentration (ng/ul) : 22.5357

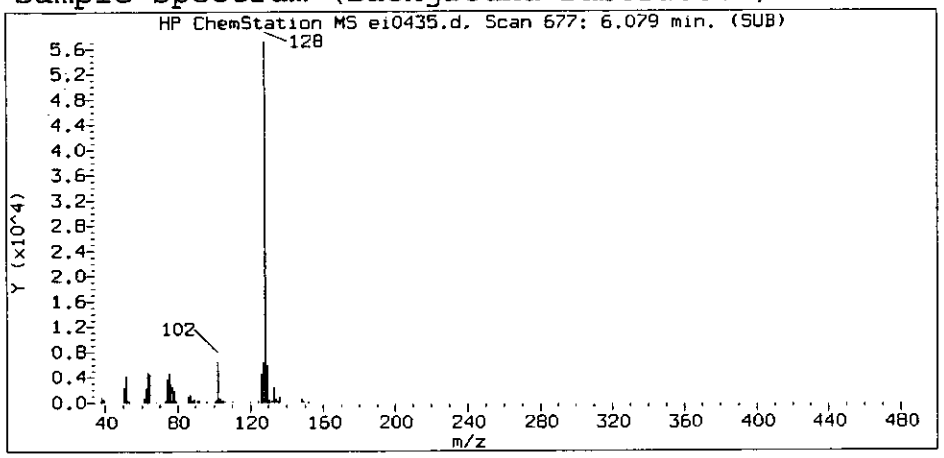
ASX04 0005

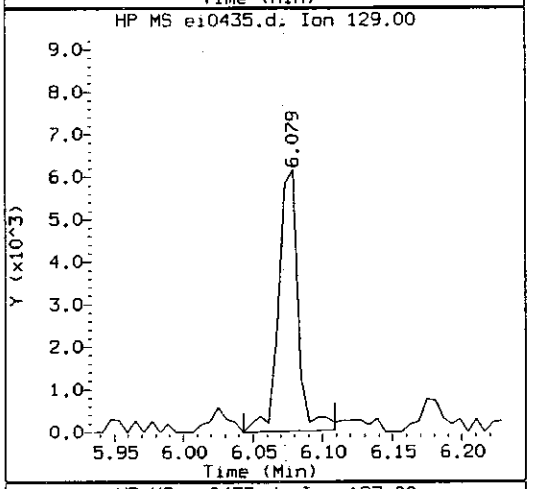
Reference Standard Spectrum for Naphthalene



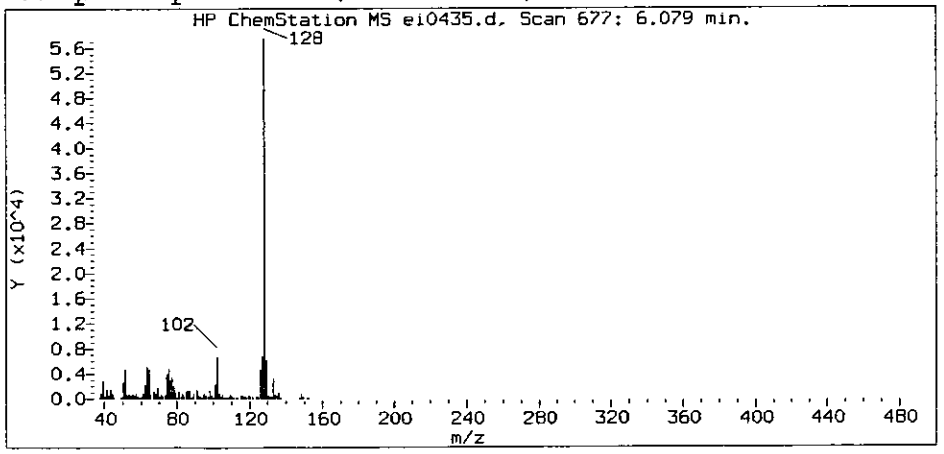


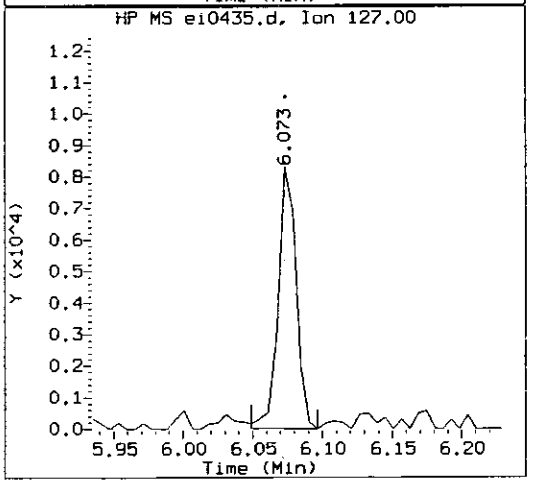
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

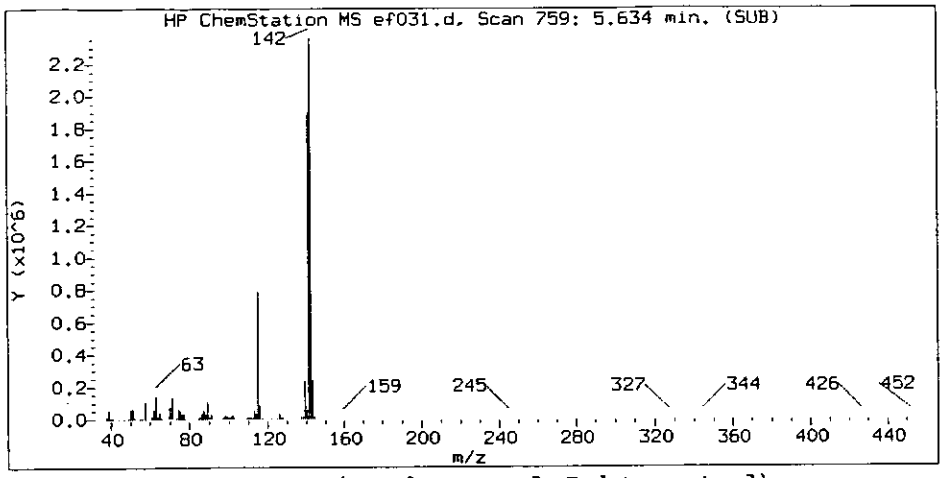
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

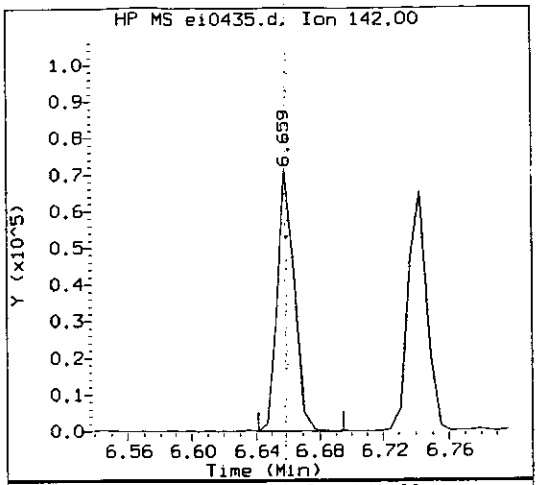
Sample Name: AMSS5

Lab Sample ID: 5454413

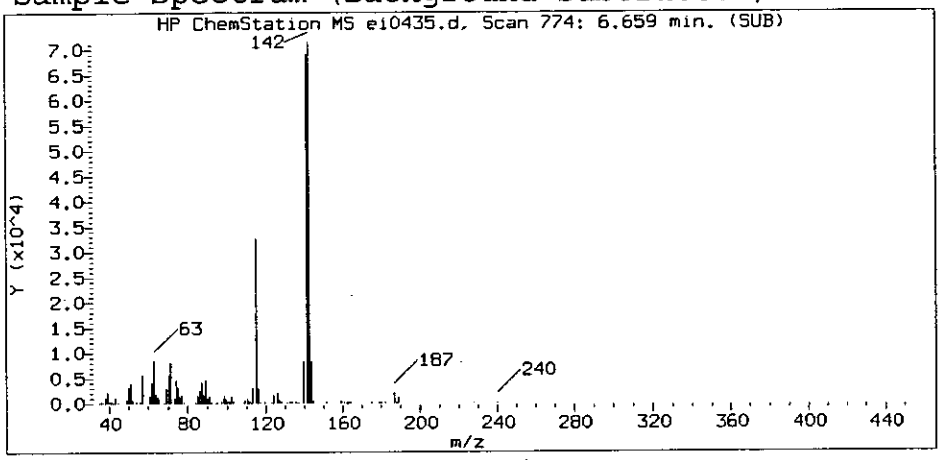
Compound Number	: 54
Compound Name	: Naphthalene
Scan Number	: 677
Retention Time (minutes)	: 6.079
Quant Ion	: 128.0
Area (flag)	: 50956
Concentration (ng/ul)	: 4.9974

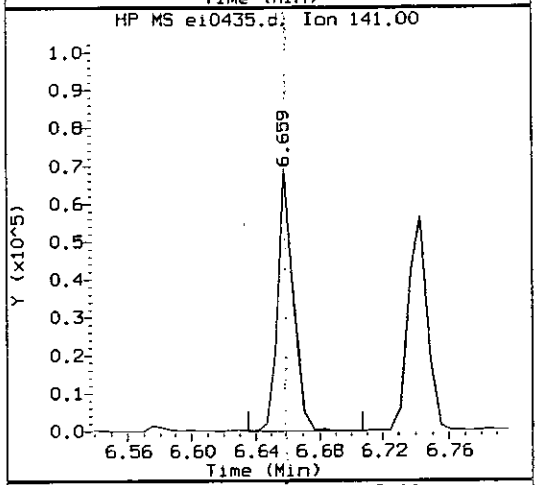
Reference Standard Spectrum for 2-Methylnaphthalene



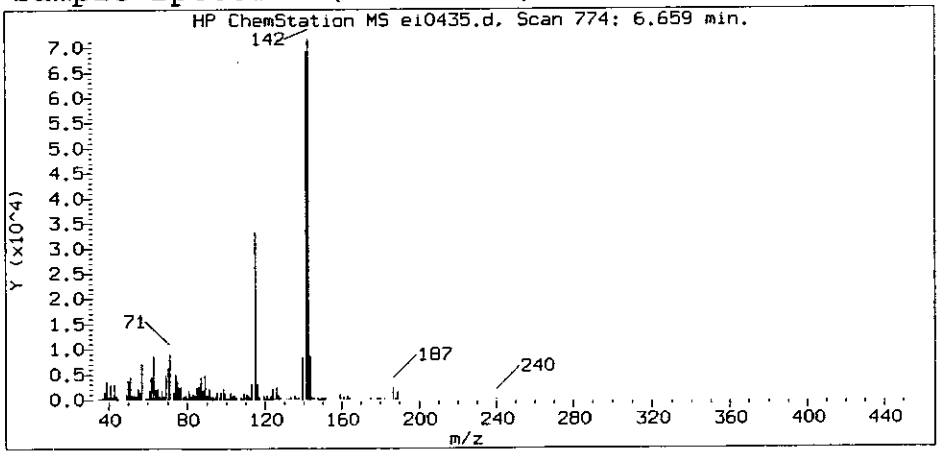


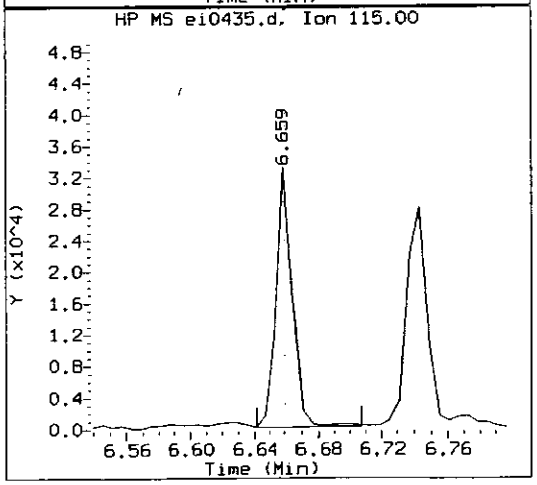
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

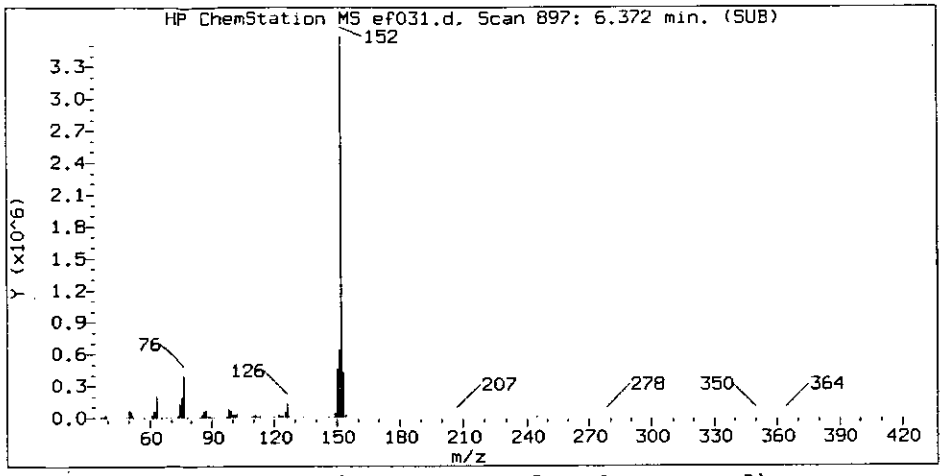
Sample Name: AMSS5

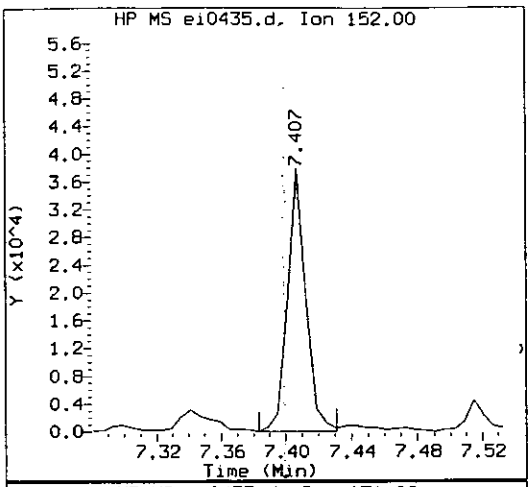
Lab Sample ID: 5454413

Compound Number : 70
Compound Name : 2-Methylnaphthalene
Scan Number : 774
Retention Time (minutes): 6.659
Quant Ion : 142.0
Area (flag) : 55708
Concentration (ng/ul) : 8.2128

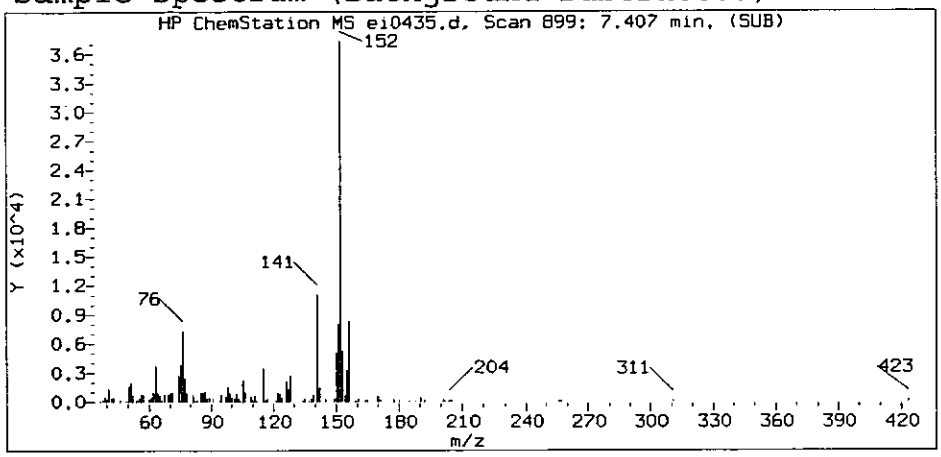
ASX04 0865

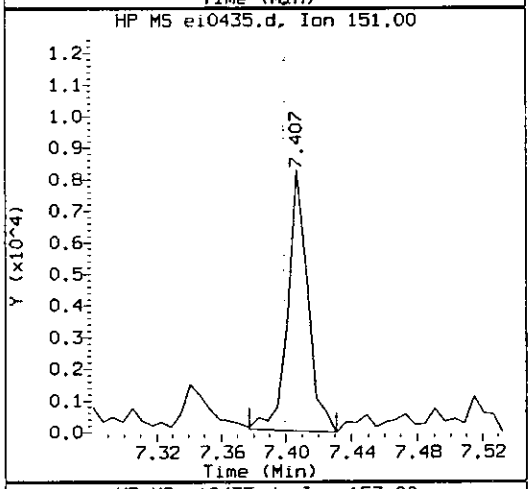
Reference Standard Spectrum for Acenaphthylene



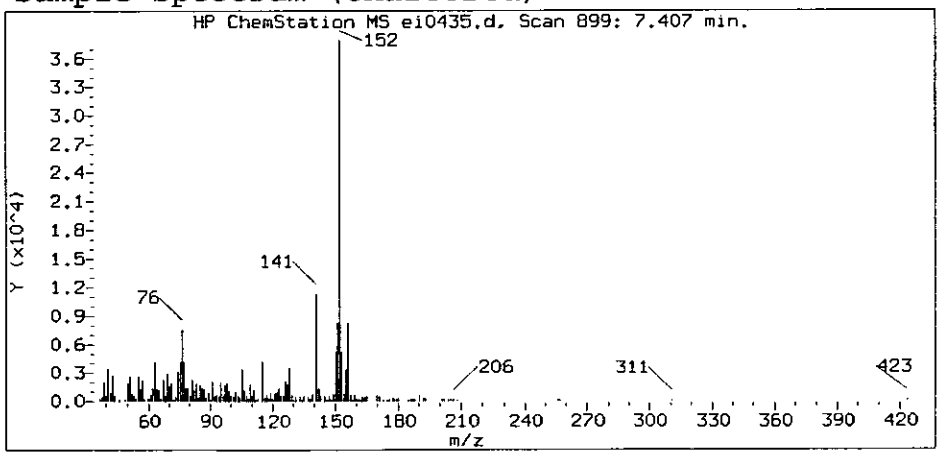


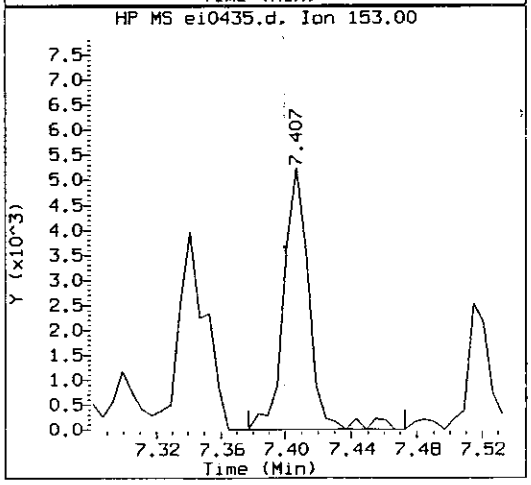
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5

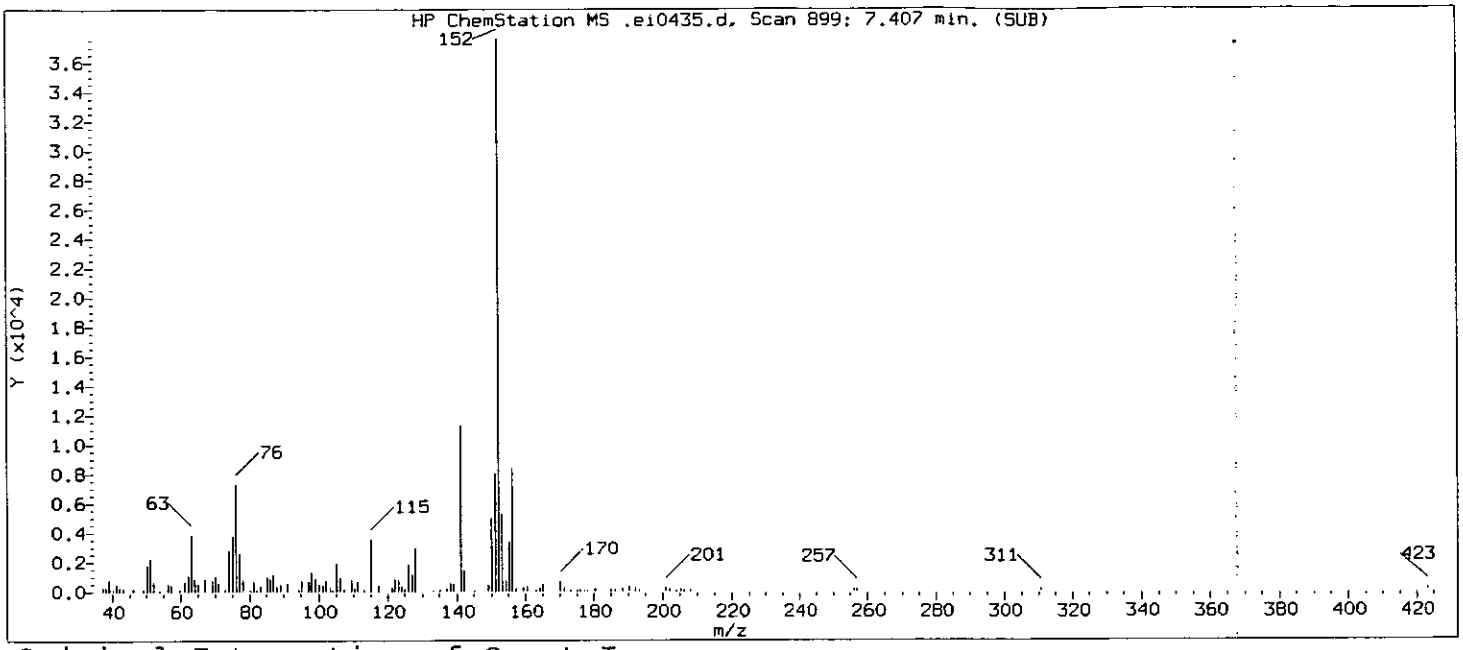
Lab Sample ID: 5454413

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152.0
Area (flag) : 29707 M
Concentration (ng/ul) : 3.0813

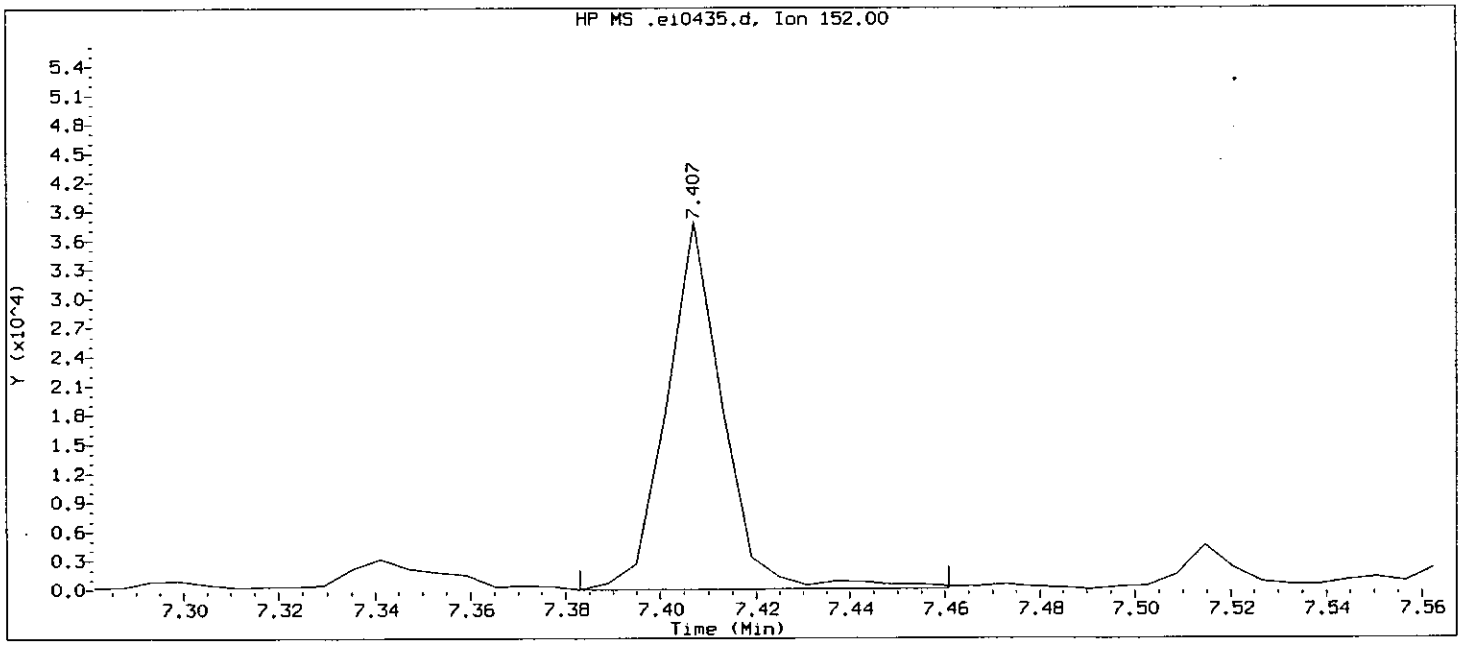
ASX84 0086

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:44

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

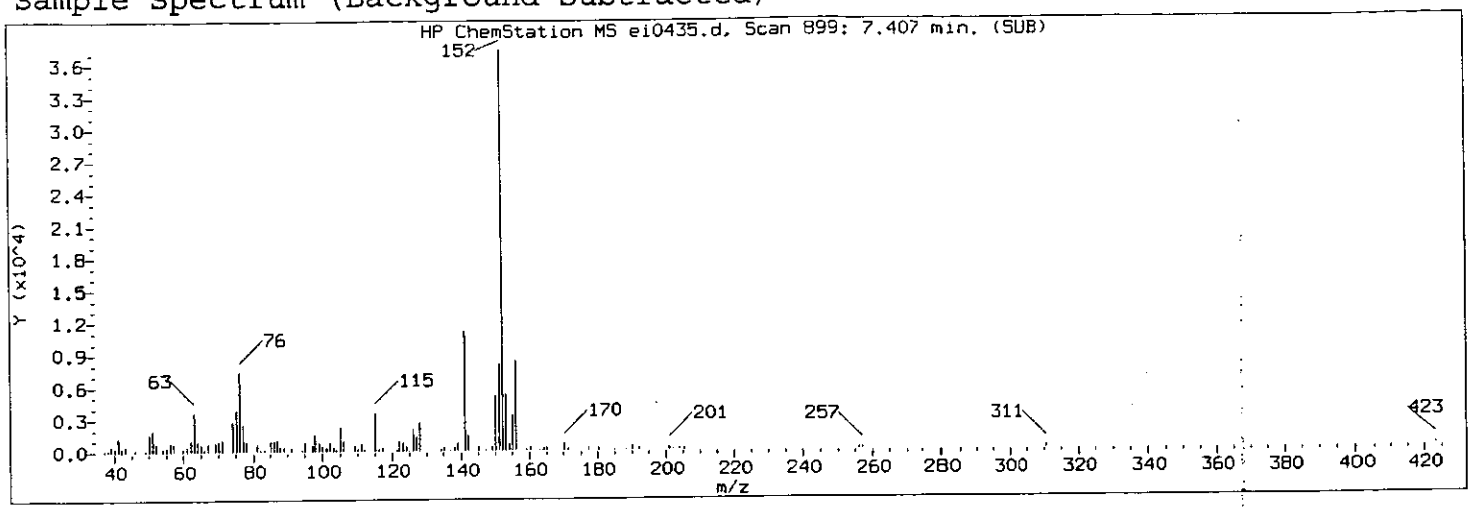
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

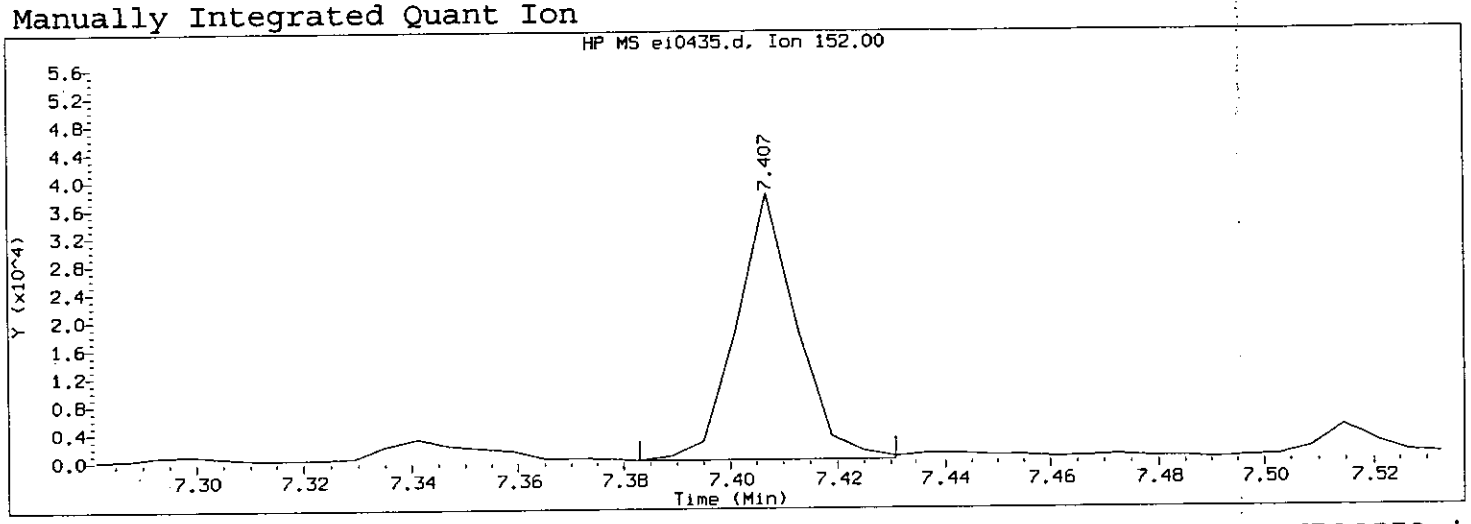
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area : 30637
Concentration (ng/ul) : 3.1777
Integration start scan : 894 Integration stop scan: 907
Y at integration start : 0 Y at integration end: 49

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area (flag) : 29707 M
Concentration (ng/ul) : 3.0813
Integration start scan : 894 Integration stop scan: 902
Y at integration start : 5 Y at integration end: 5

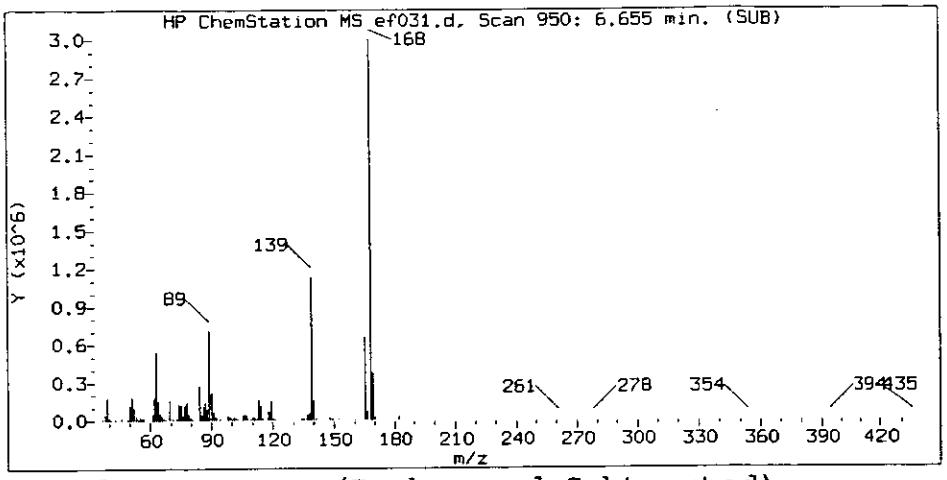
Reason for manual integration (circle one): missed peak improper integration

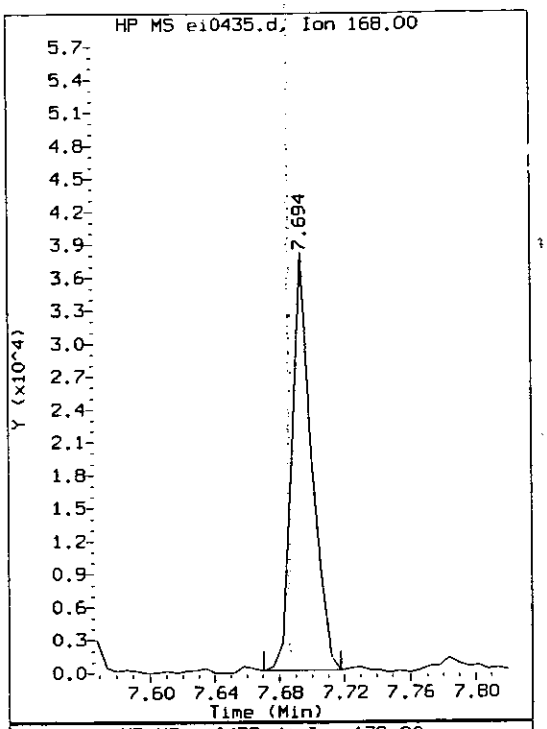
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

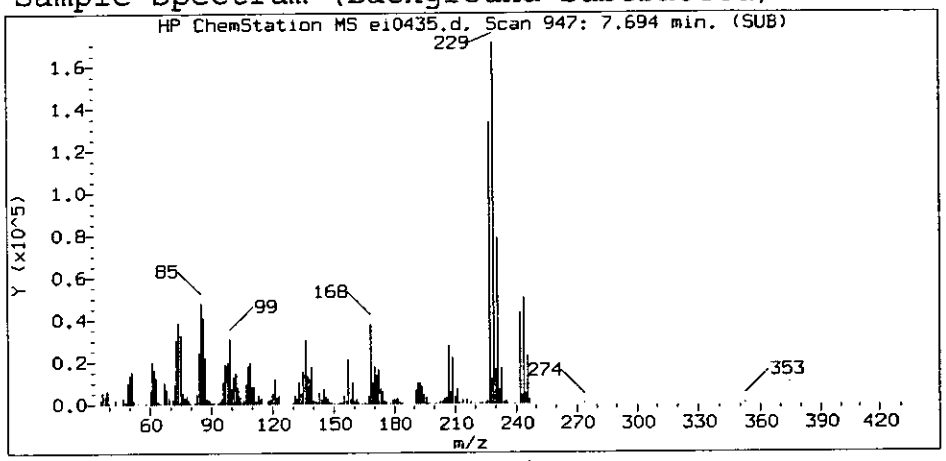
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

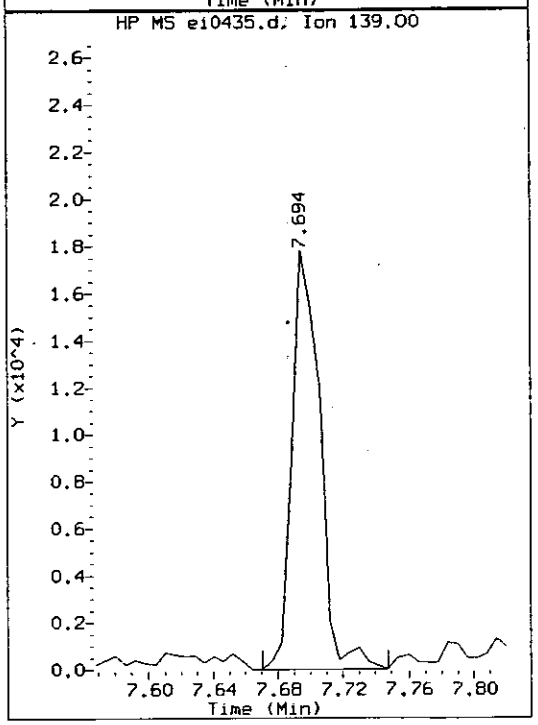
Reference Standard Spectrum for Dibenzofuran



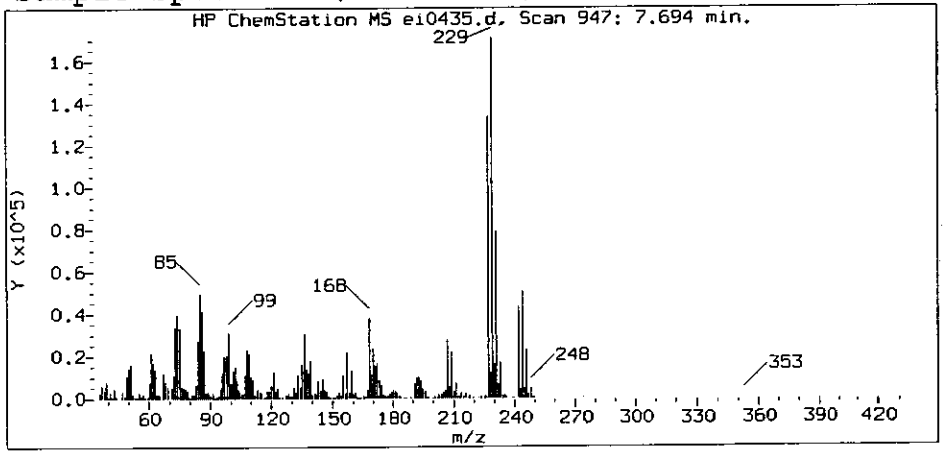


Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)



Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

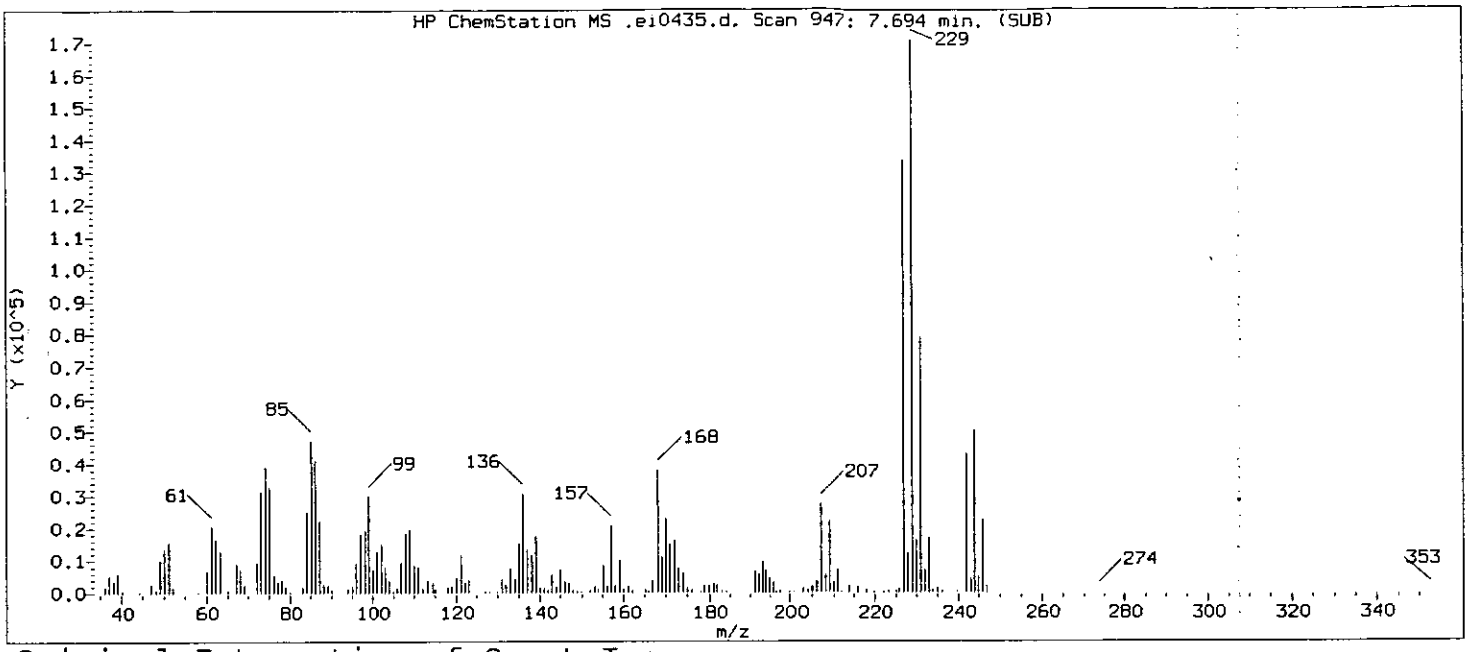
Sample Name: AMSS5

Lab Sample ID: 5454413

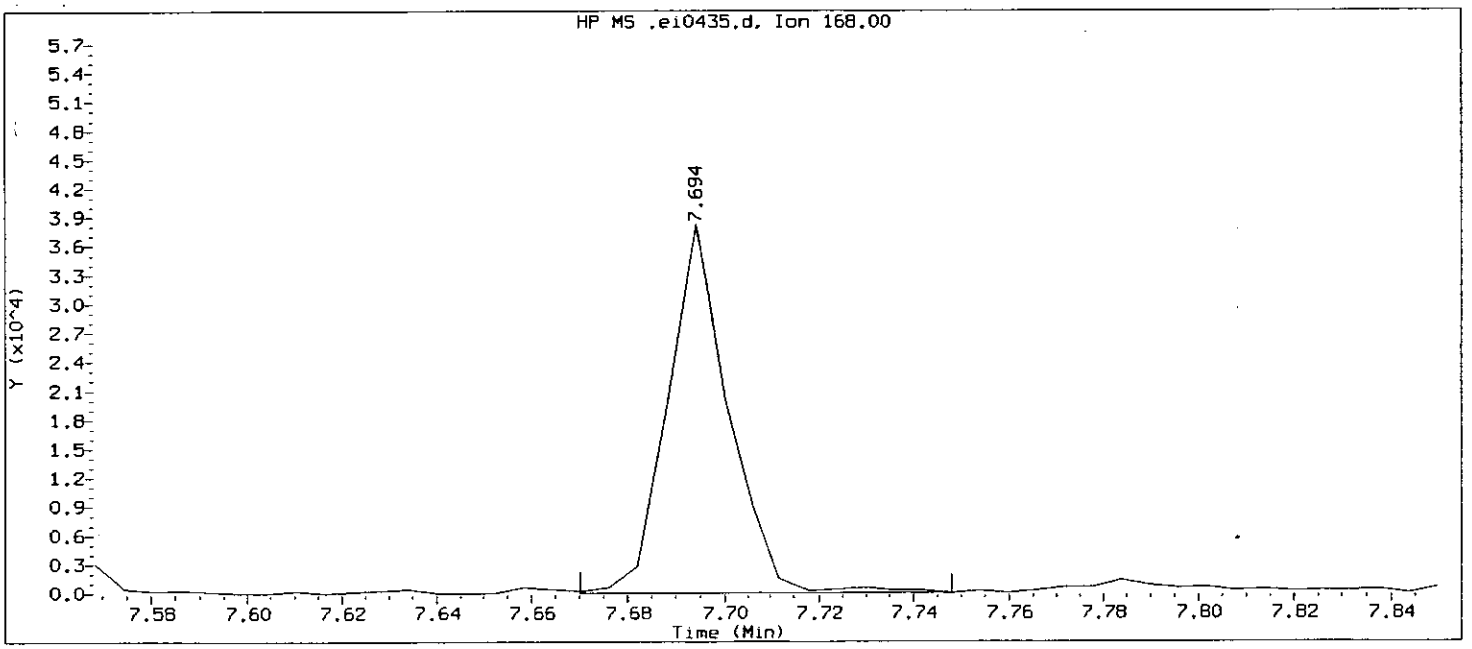
Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168.0
Area (flag) : 32255 M
Concentration (ng/ul) : 3.5439

ASX04 0089

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

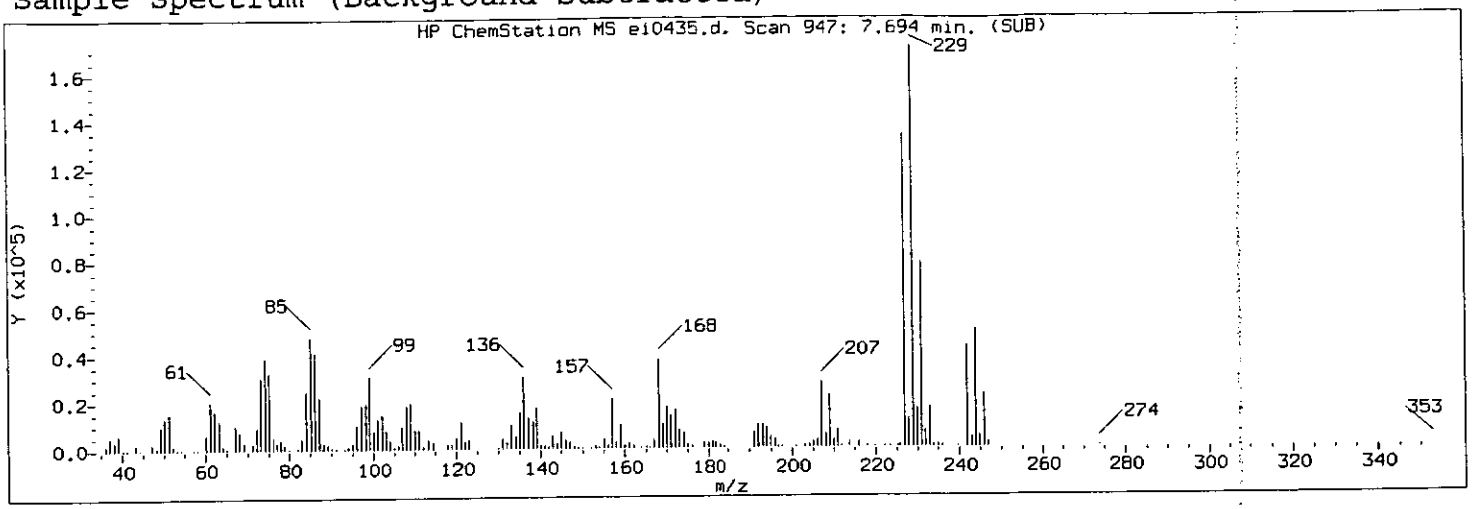
Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168
Area : 33478
Concentration (ng/ul) : 3.6783
Integration start scan : 942 Integration stop scan: 955
Y at integration start : 0 Y at integration end: 0

mm 9/10/08

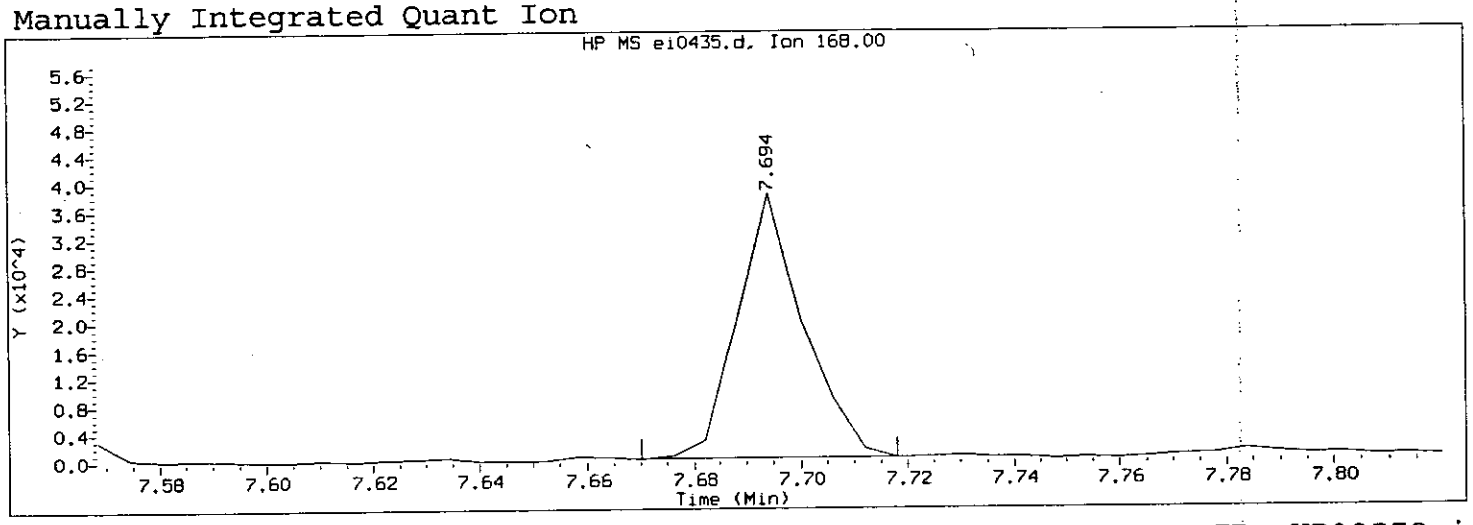
ASX84 8890

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number	:	104
Compound Name	:	Dibenzofuran
Scan Number	:	947
Retention Time (minutes)	:	7.694
Quant Ion	:	168
Area (flag)	:	32255 M
Concentration (ng/ul)	:	3.5439
Integration start scan	:	942 Integration stop scan: 950
Y at integration start	:	230 Y at integration end: 230

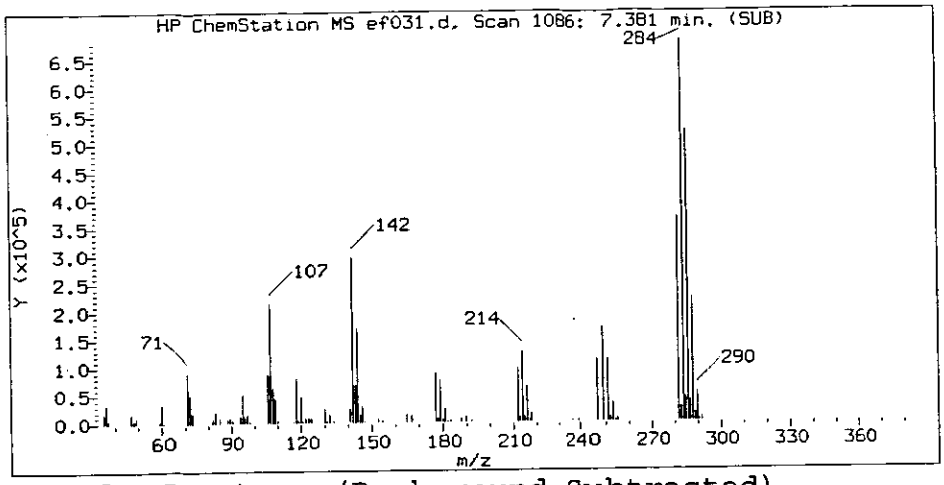
Reason for manual integration (circle one): missed peak improper integration

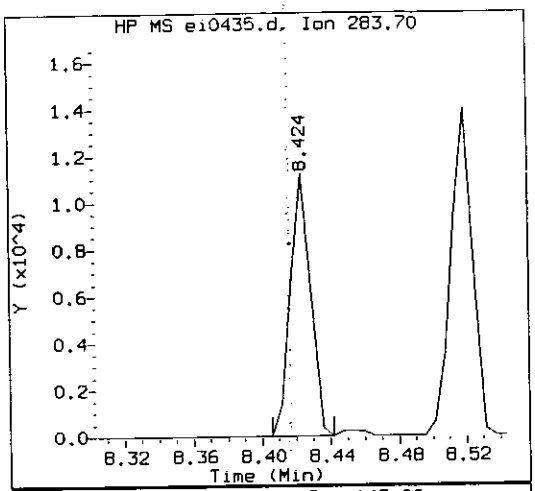
Analyst responsible for change: Lmnlase 09/09/08

GC/MS audit/management approval: 09/09/08

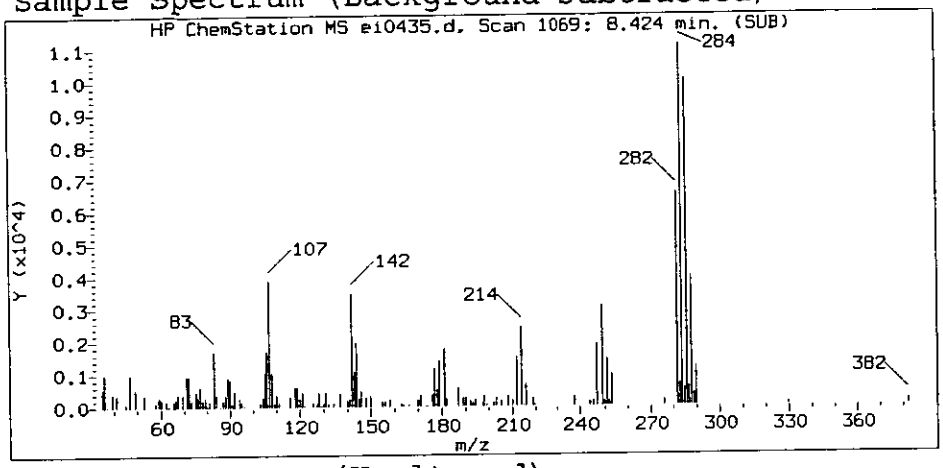
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

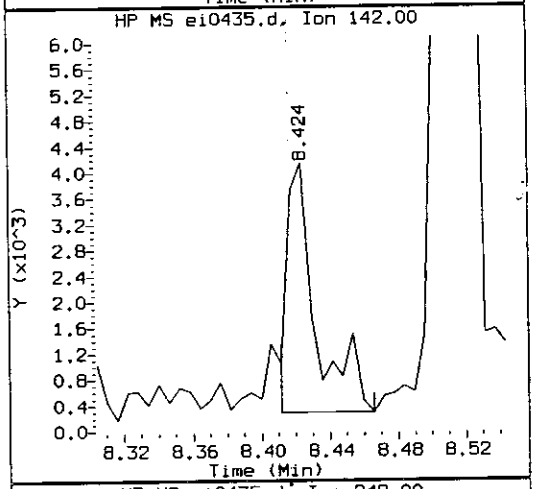
Reference Standard Spectrum for Hexachlorobenzene



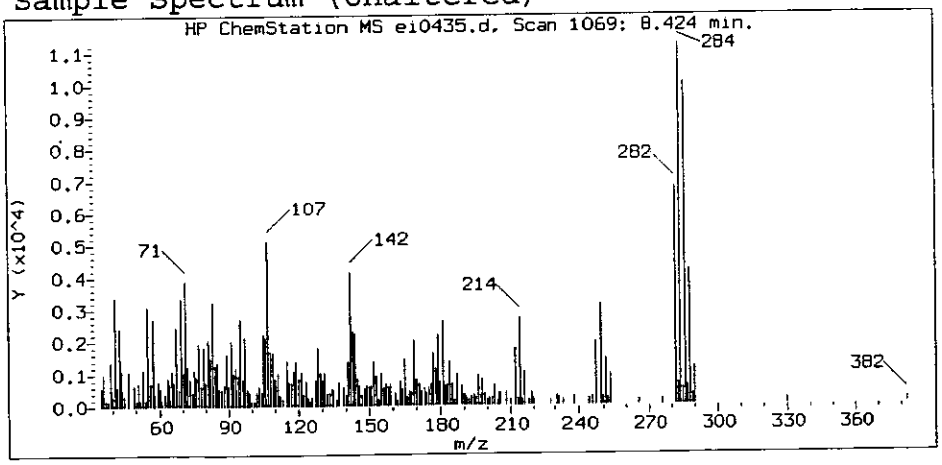


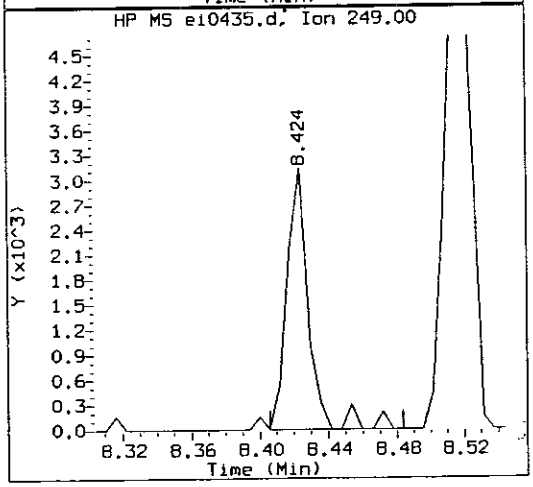
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

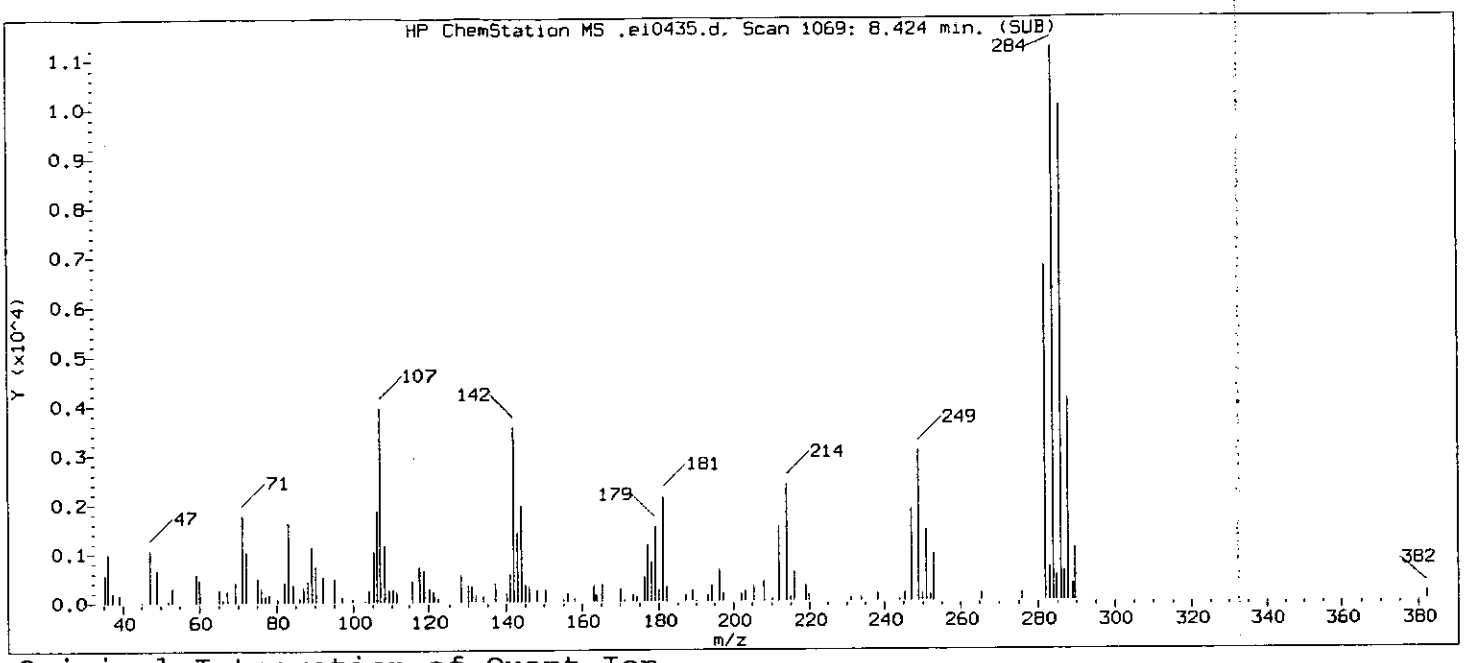
Sample Name: AMSS5

Lab Sample ID: 5454413

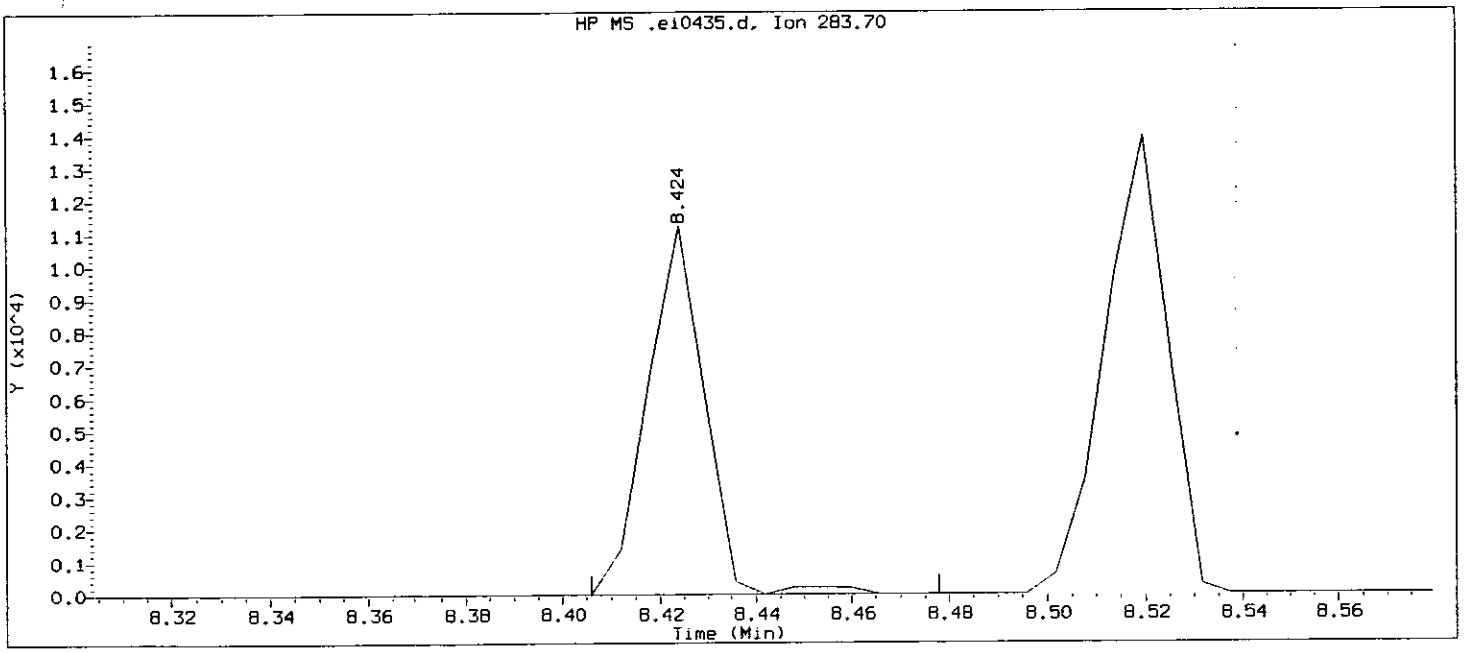
Compound Number : 128
Compound Name : Hexachlorobenzene
Scan Number : 1069
Retention Time (minutes): 8.424
Quant Ion : 283.7
Area (flag) : 9110 M
Concentration (ng/ul) : 4.5769

ASX04 0092

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

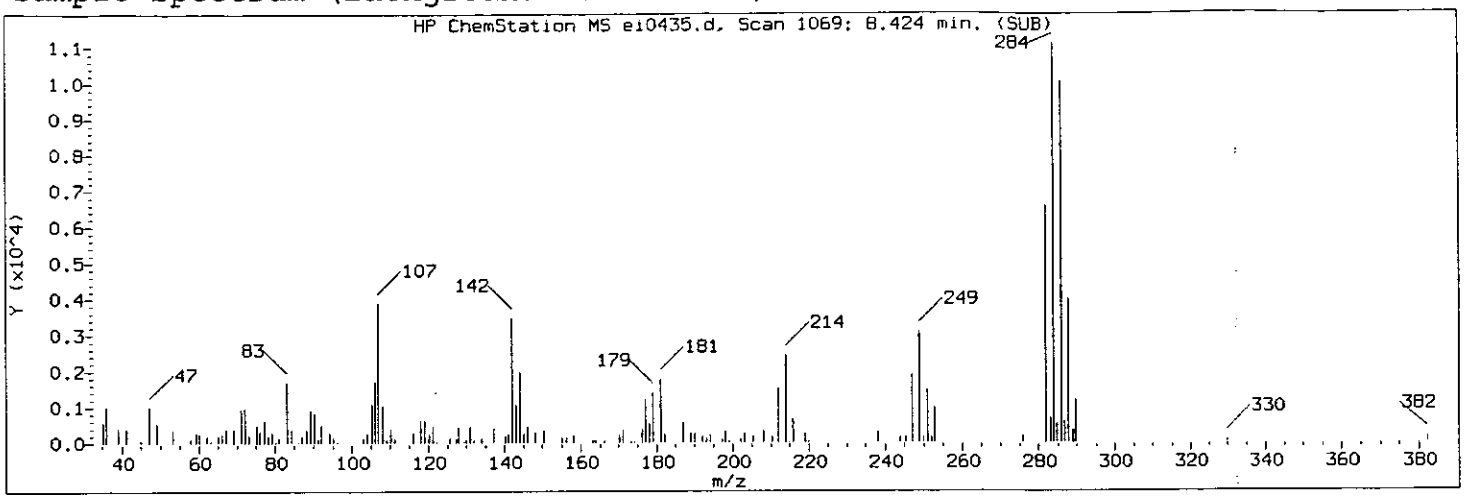
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

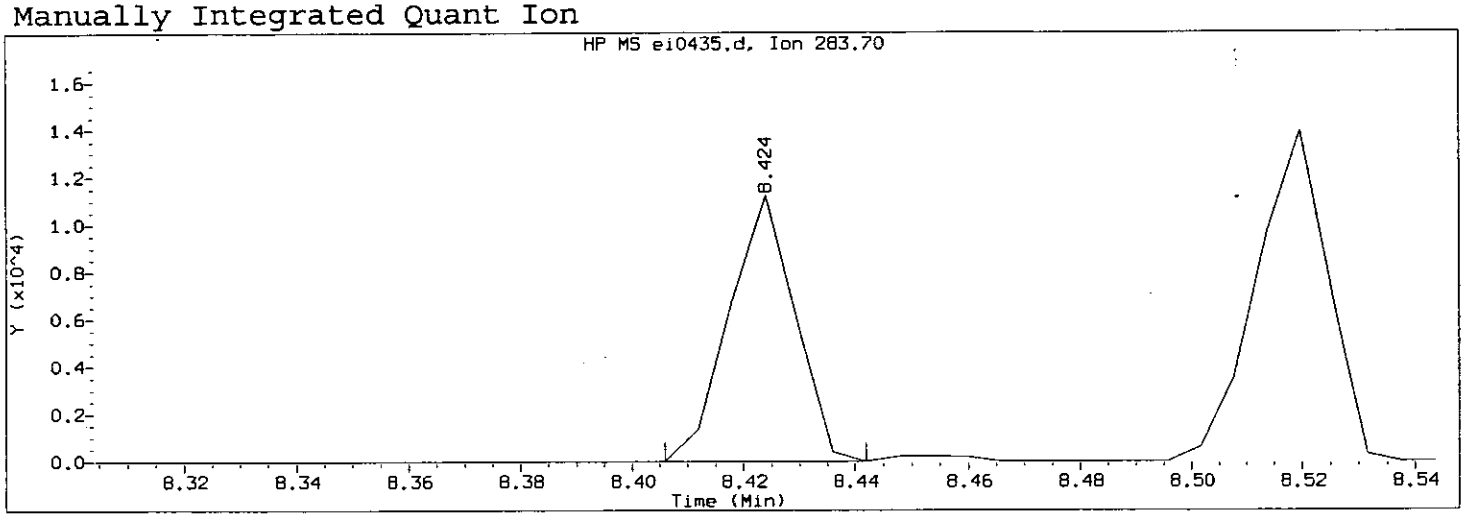
Compound Number : 128
Compound Name : Hexachlorobenzene
Scan Number : 1069
Retention Time (minutes): 8.424
Quant Ion : 284
Area : 9338
Concentration (ng/ul) : 4.6914
Integration start scan : 1065 Integration stop scan: 1077
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 128
Compound Name : Hexachlorobenzene
Scan Number : 1069
Retention Time (minutes): 8.424
Quant Ion : 284
Area (flag) : 9110 M
Concentration (ng/ul) : 4.5769
Integration start scan : 1065 Integration stop scan: 1071
Y at integration start : 0 Y at integration end: 0

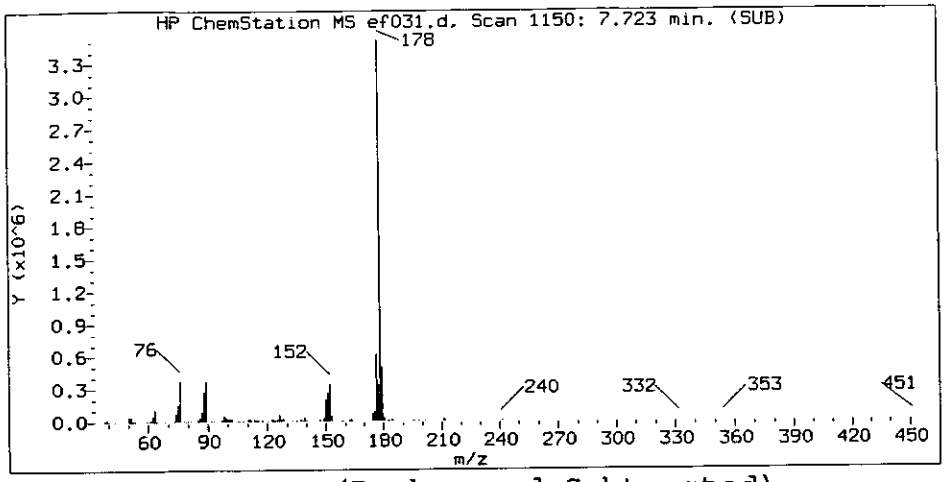
Reason for manual integration (circle one): missed peak improper integration

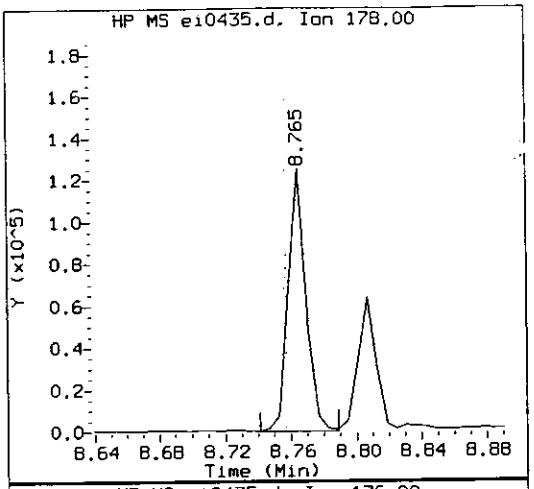
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

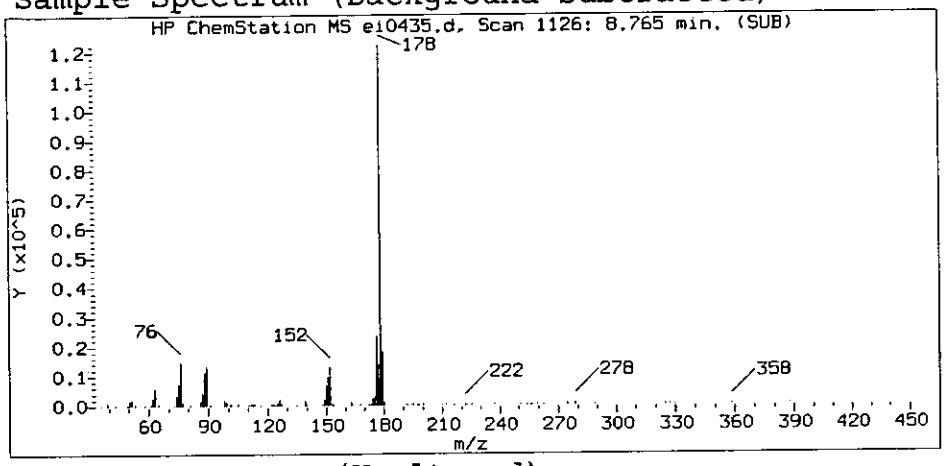
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

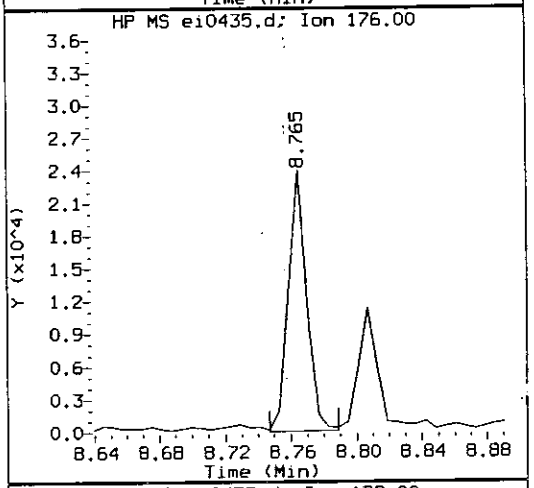
Reference Standard Spectrum for Phenanthrene



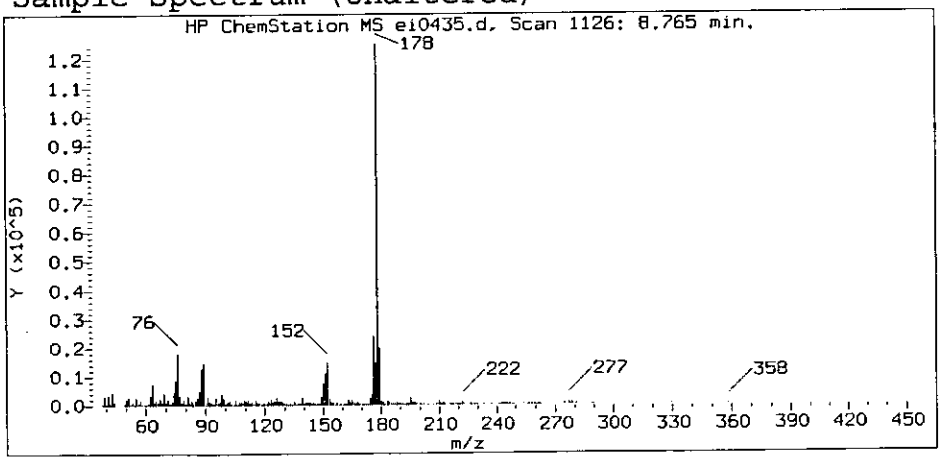


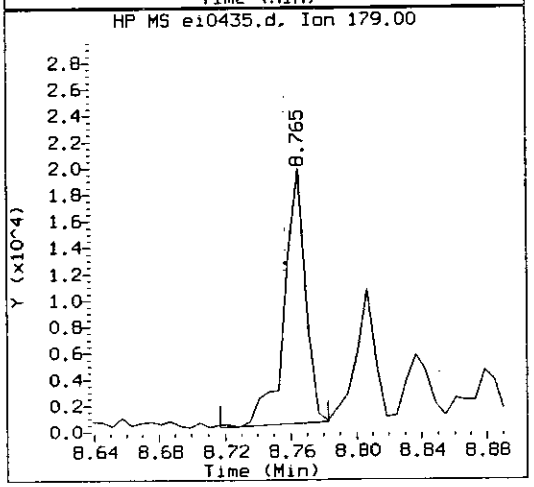
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

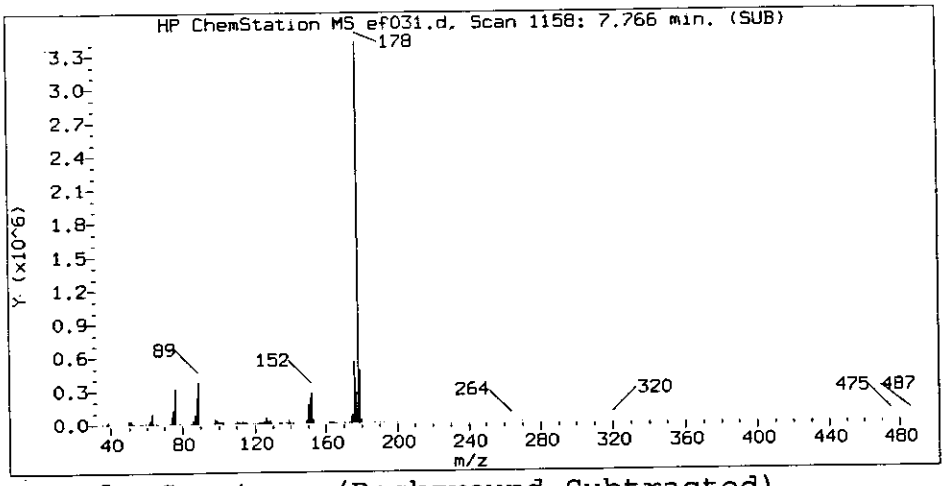
Sample Name: AMSS5

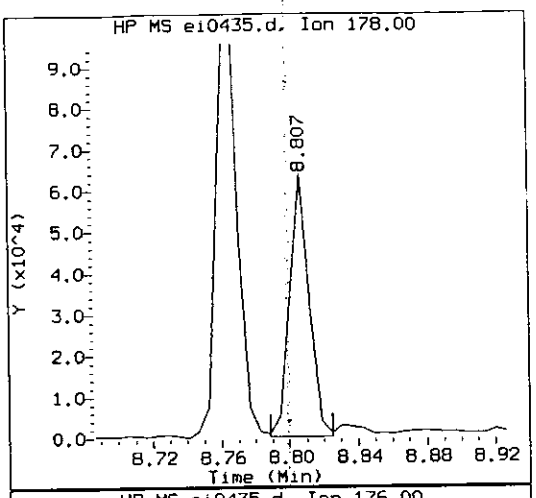
Lab Sample ID: 5454413

Compound Number	: 138
Compound Name	: Phenanthrene
Scan Number	: 1126
Retention Time (minutes)	: 8.765
Quant Ion	: 178.0
Area (flag)	: 92450
Concentration (ng/ul)	: 10.5482

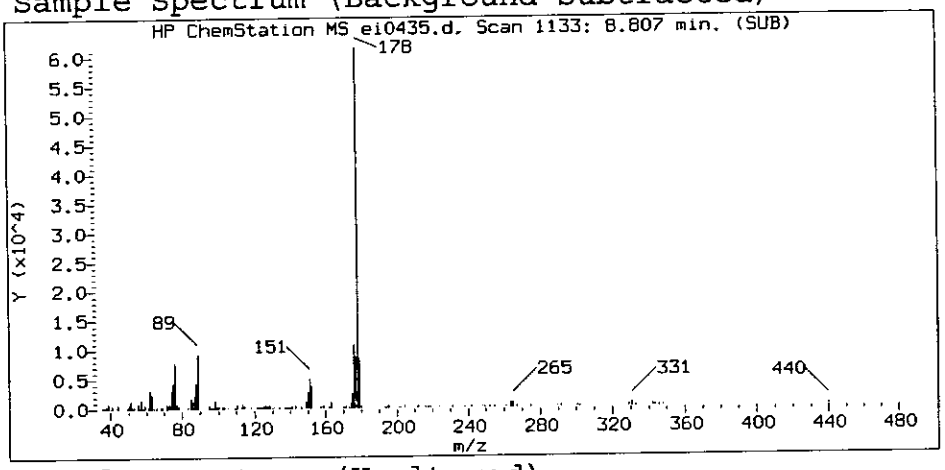
ASX04 0095

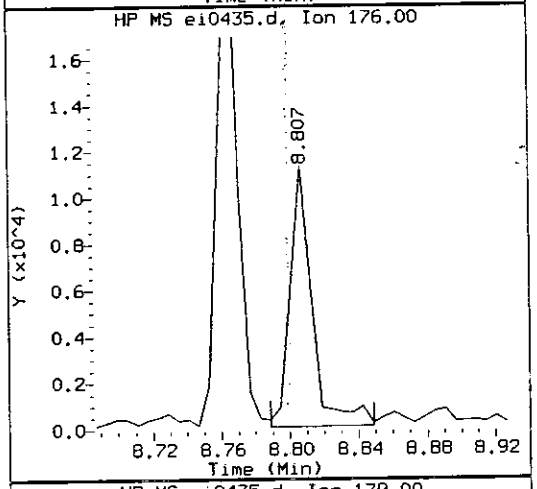
Reference Standard Spectrum for Anthracene



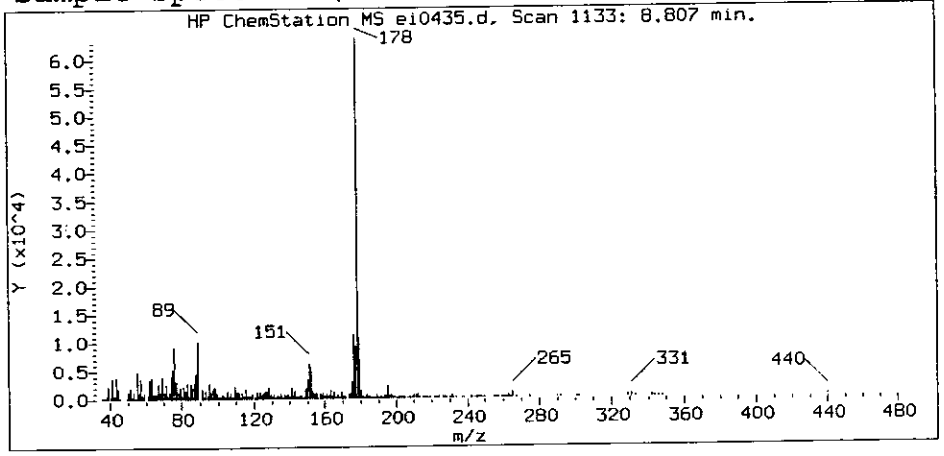


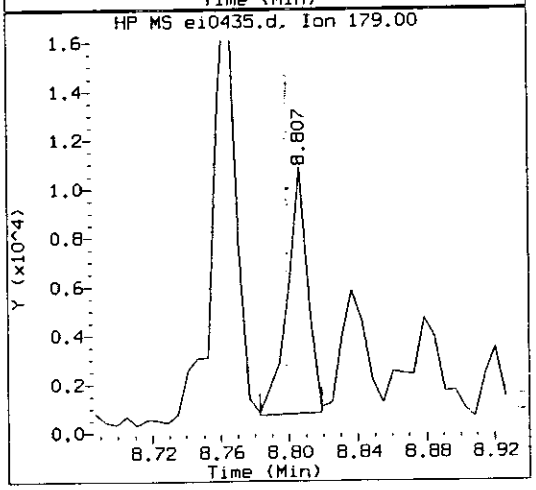
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

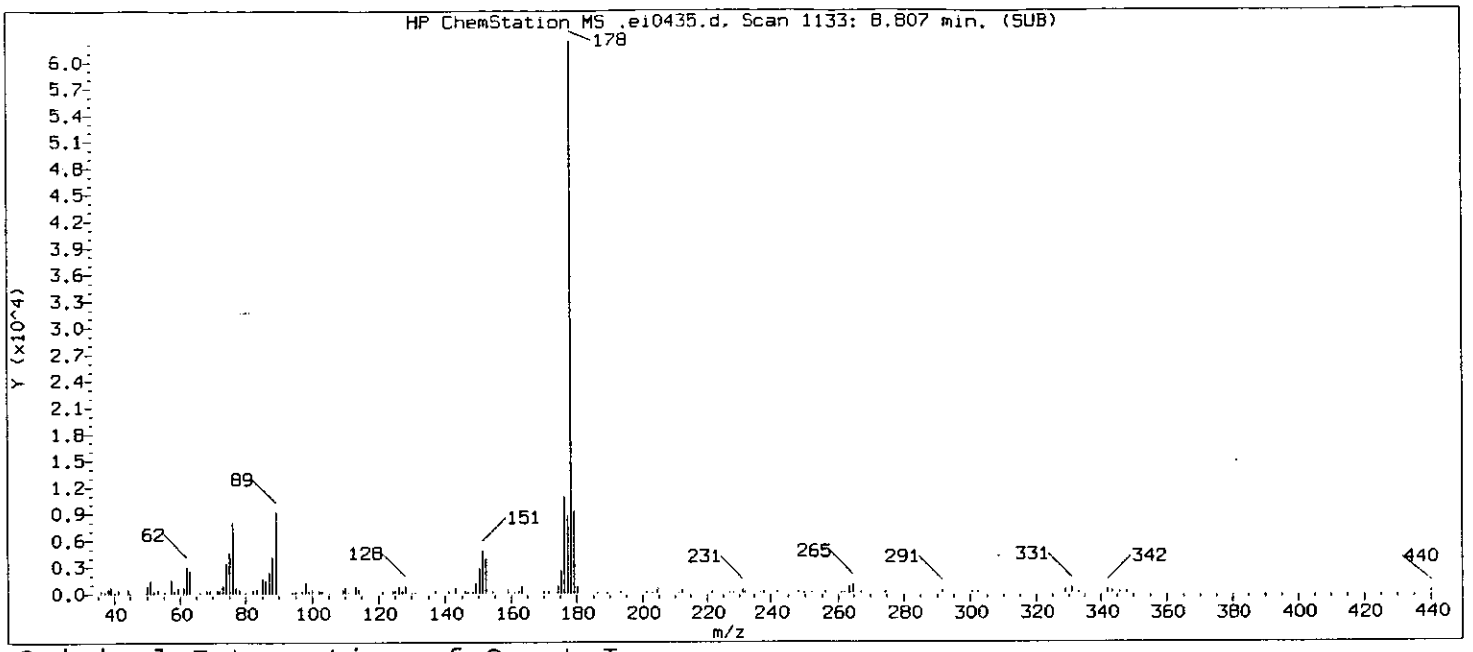
Sample Name: AMSS5

Lab Sample ID: 5454413

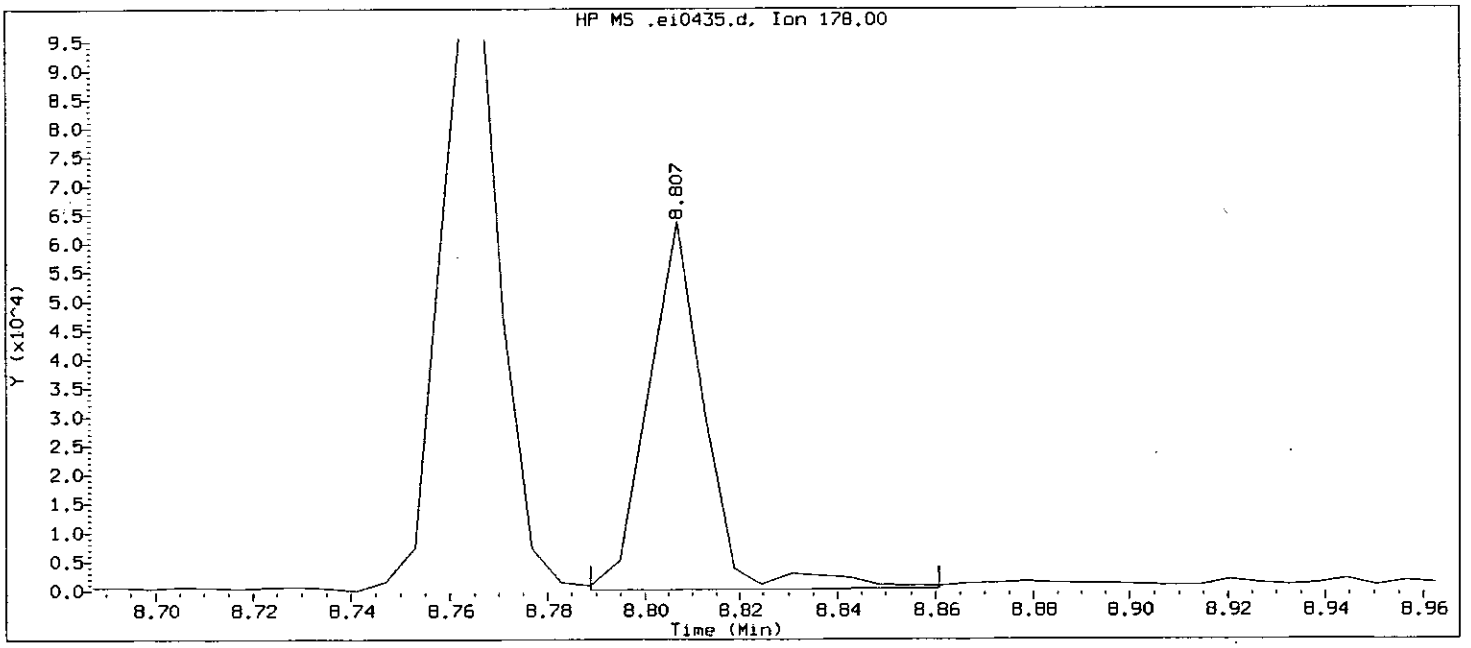
Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178.0
Area (flag) : 49461 M
Concentration (ng/ul) : 5.2871

ASX84 0096

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

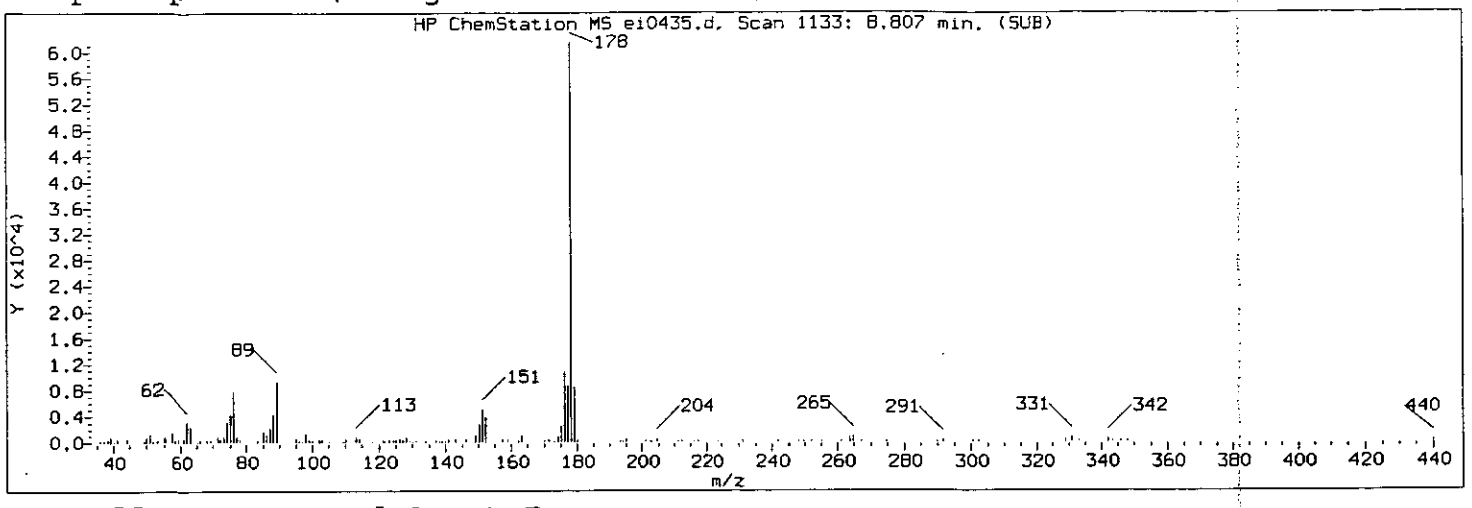
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

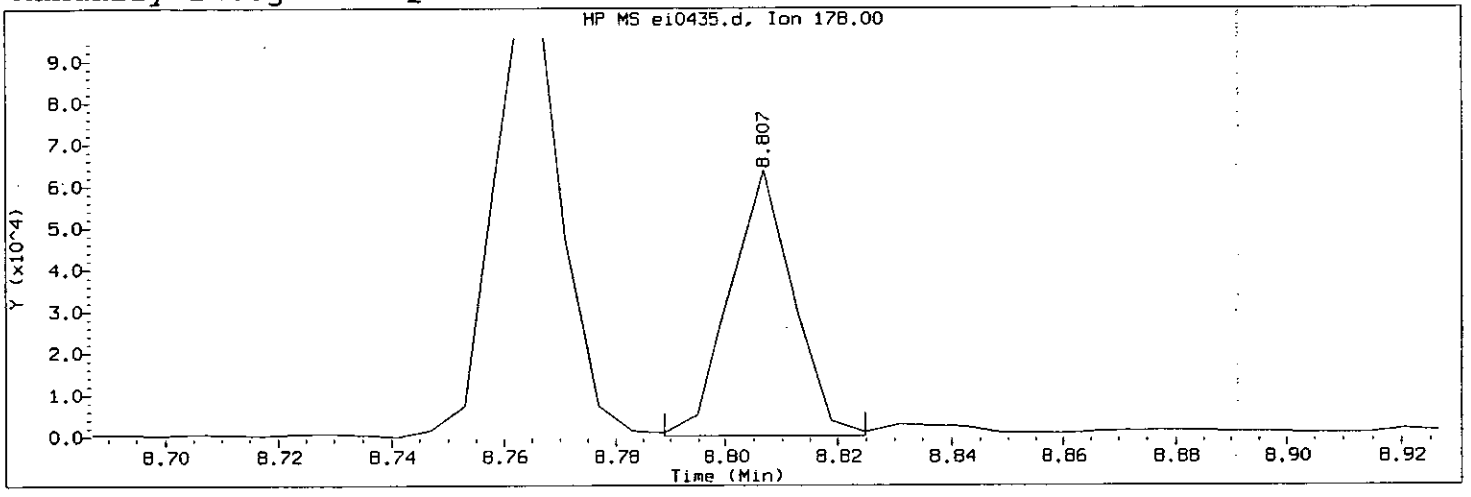
Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area : 52383
Concentration (ng/ul) : 5.5994
Integration start scan : 1129 Integration stop scan: 1141
Y at integration start : 135 Y at integration end: 315

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area (flag) : 49461 M
Concentration (ng/ul) : 5.2871
Integration start scan : 1129 Integration stop scan: 1135
Y at integration start : 135 Y at integration end: 225

Reason for manual integration (circle one): missed peak improper integration

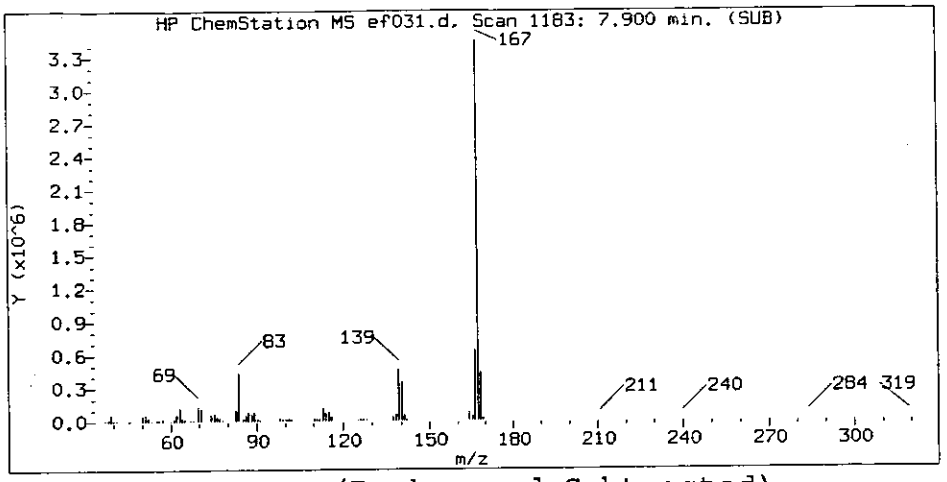
Analyst responsible for change: mn 09/09/08

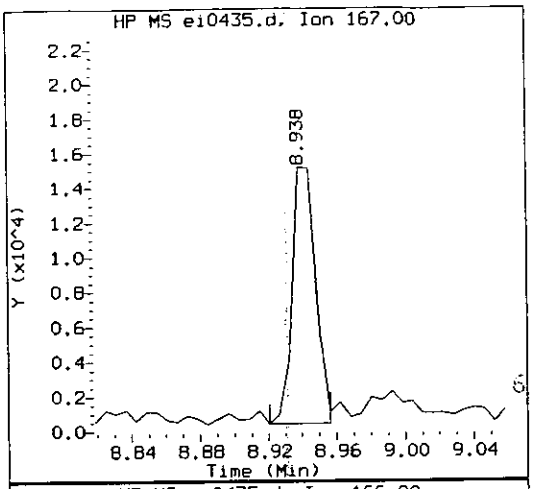
GC/MS audit/management approval: 9/10/08

ASX04 0098

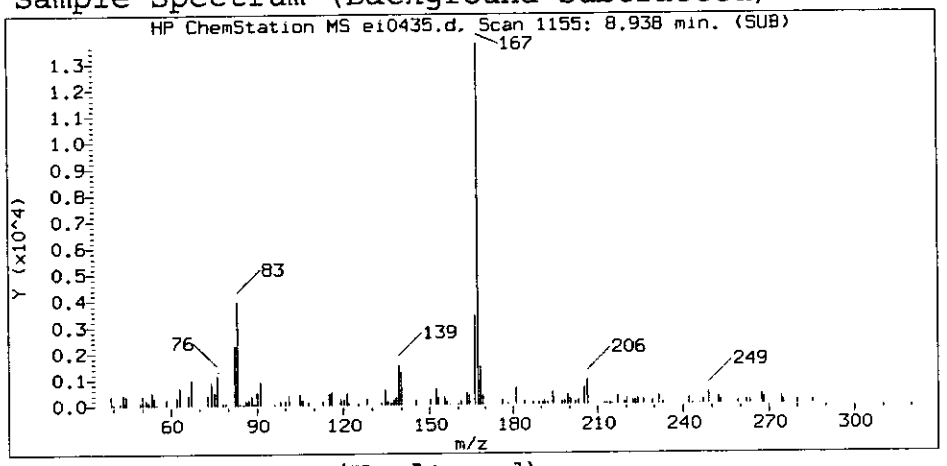
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

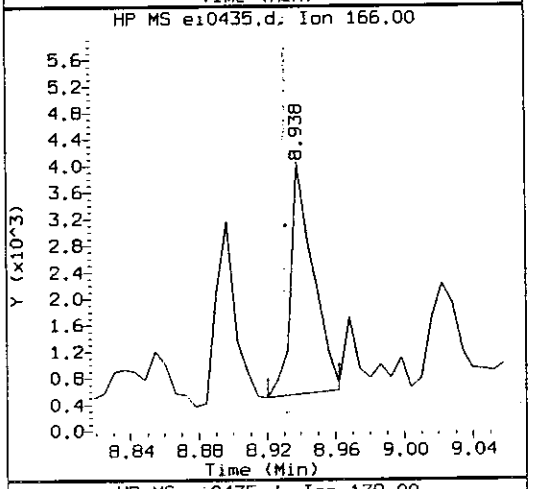
Reference Standard Spectrum for Carbazole



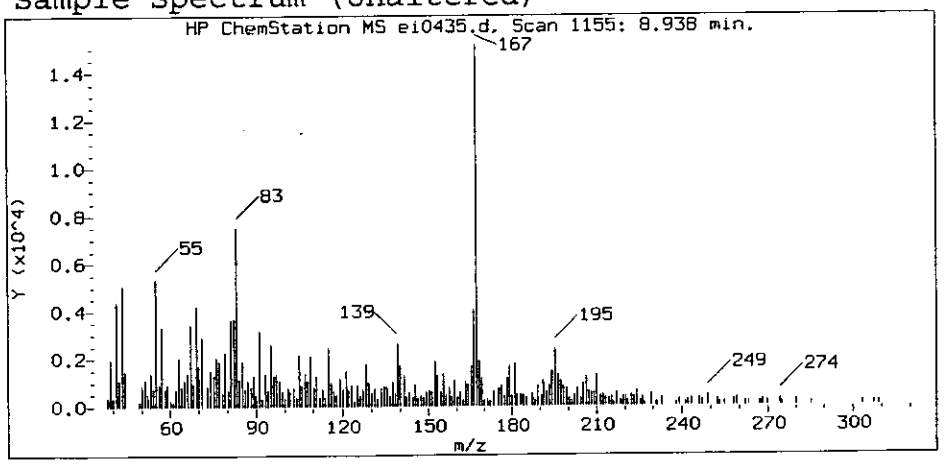


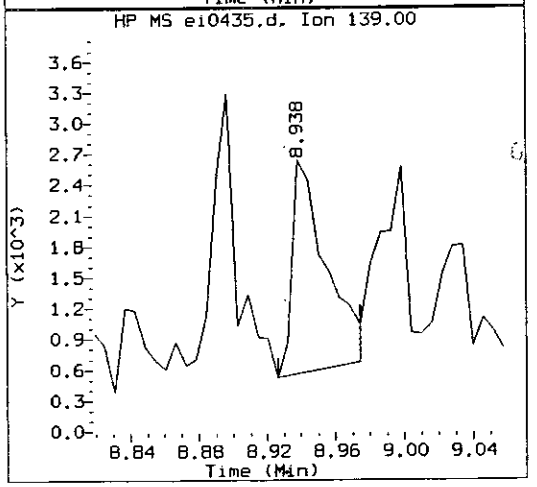
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

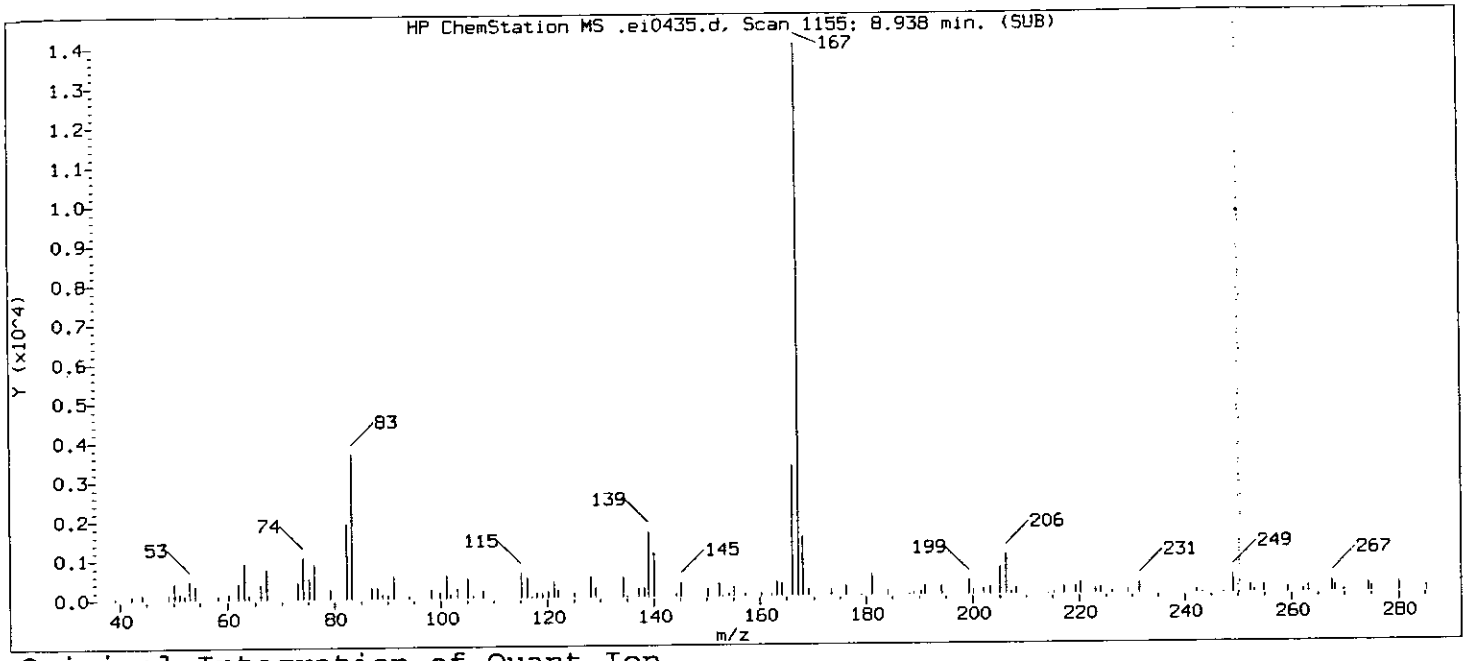
Sample Name: AMSS5

Lab Sample ID: 5454413

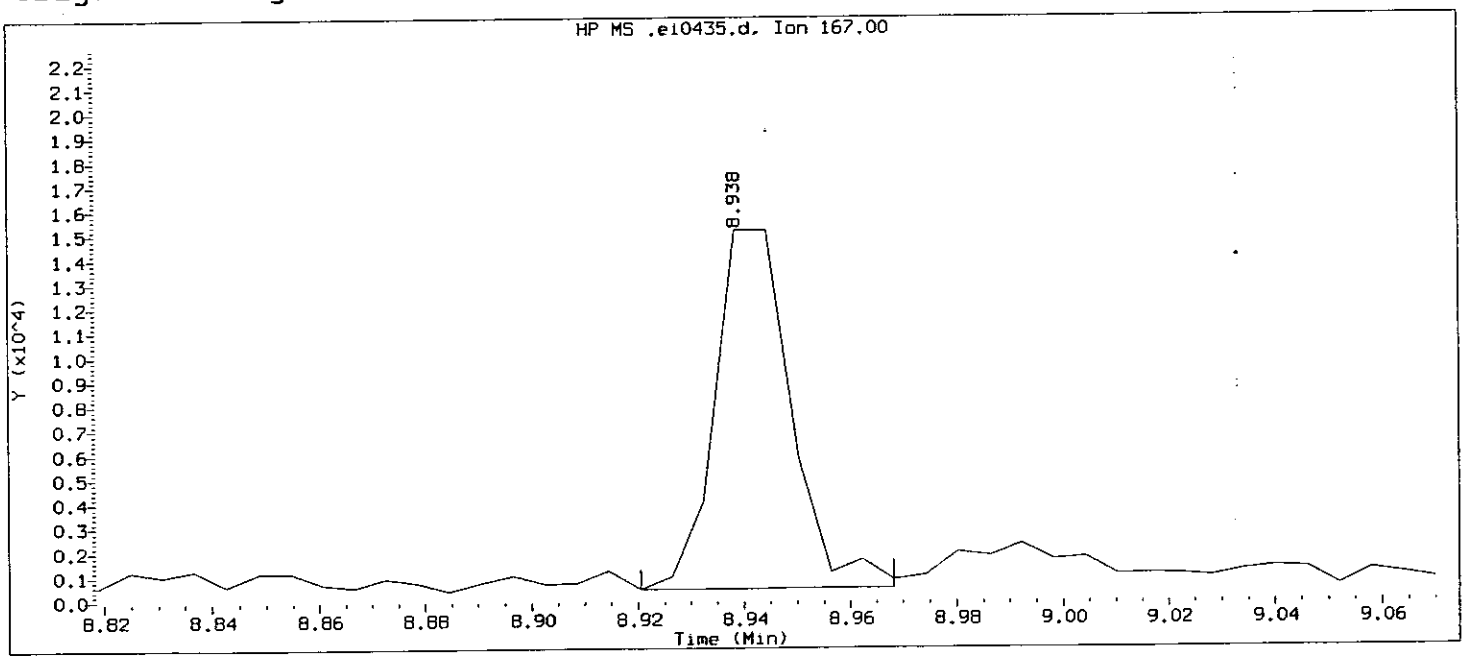
Compound Number : 141
Compound Name : Carbazole
Scan Number : 1155
Retention Time (minutes): 8.938
Quant Ion : 167.0
Area (flag) : 14200 M
Concentration (ng/ul) : 1.5315

ASX04 0099

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

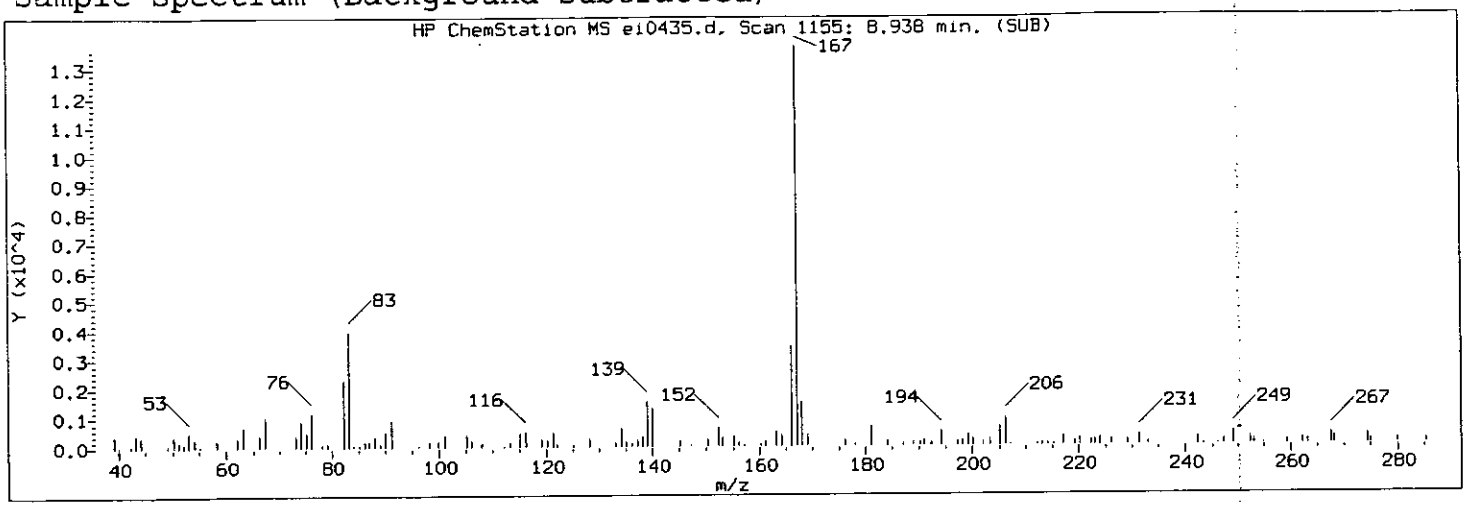
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

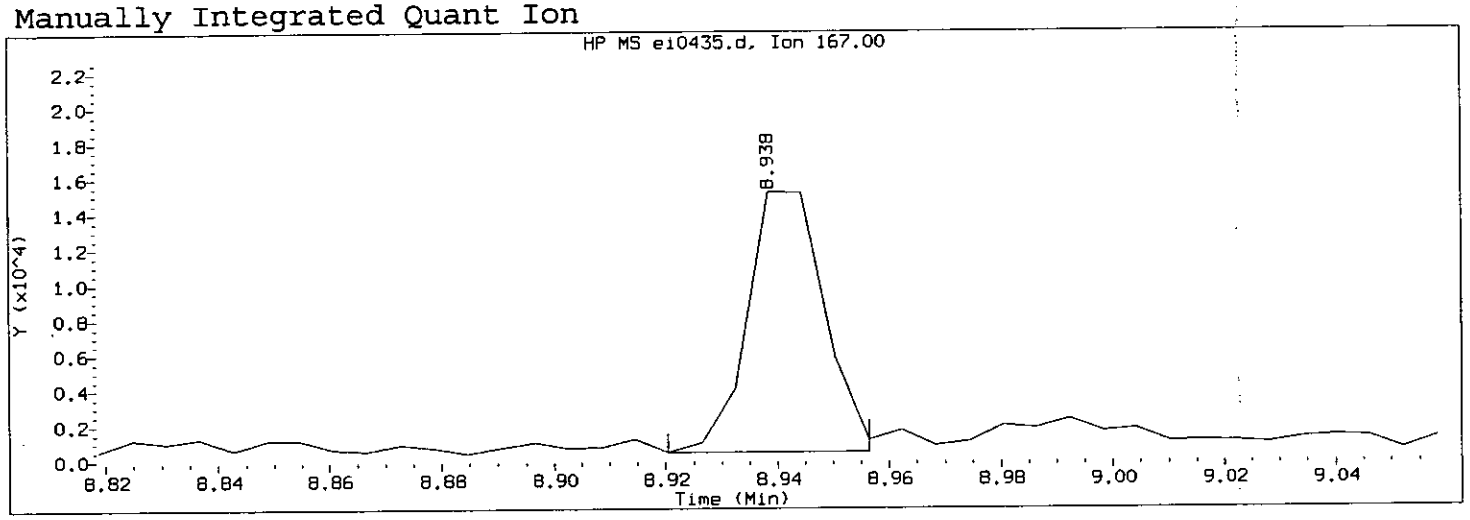
Compound Number : 141
Compound Name : Carbazole
Scan Number : 1155
Retention Time (minutes): 8.938
Quant Ion : 167
Area : 14666
Concentration (ng/ul) : 1.5818
Integration start scan : 1151 Integration stop scan: 1159
Y at integration start : 438 Y at integration end: 470

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number	:	141
Compound Name	:	Carbazole
Scan Number	:	1155
Retention Time (minutes)	:	8.938
Quant Ion	:	167
Area (flag)	:	14200 M
Concentration (ng/ul)	:	1.5315
Integration start scan	:	1151 Integration stop scan: 1157
Y at integration start	:	442 Y at integration end: 442

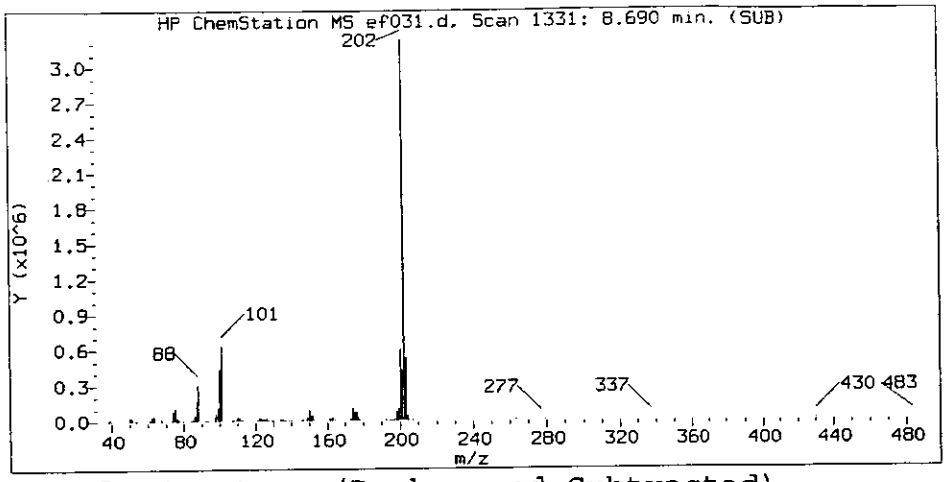
Reason for manual integration (circle one): missed peak improper integration

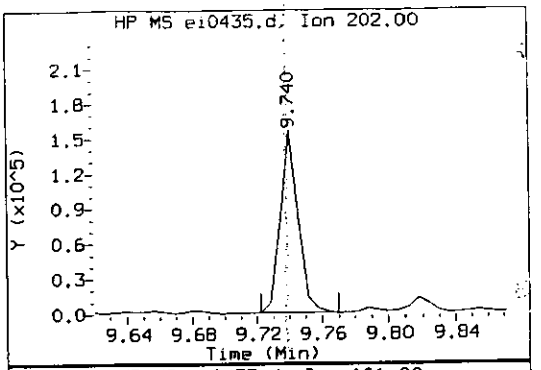
Analyst responsible for change: lmh19se 09/09/08

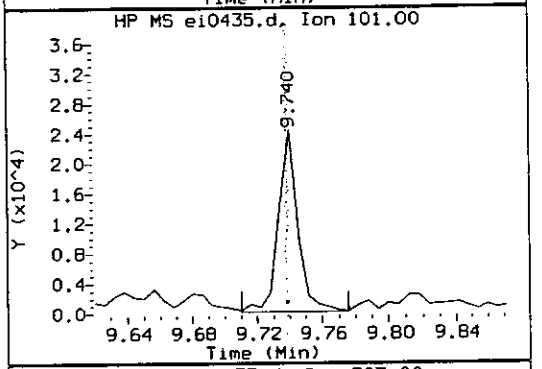
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

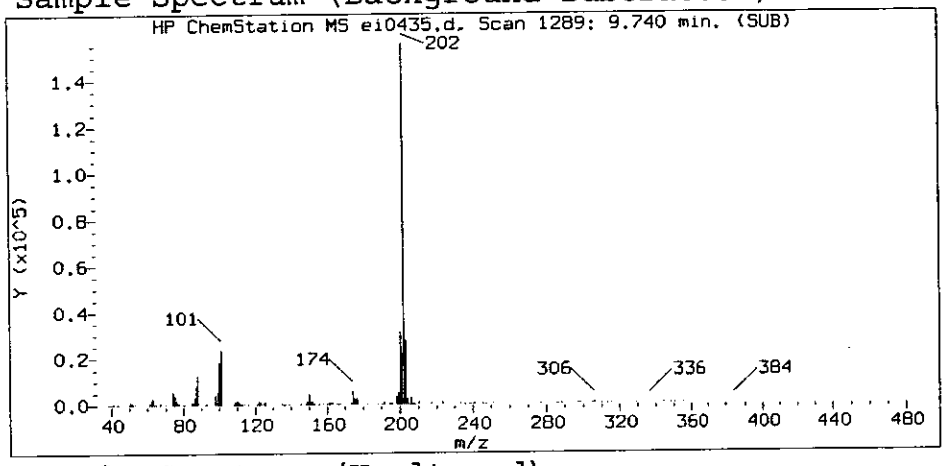
Reference Standard Spectrum for Fluoranthene

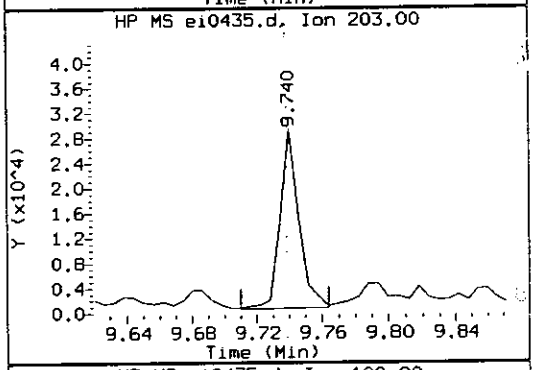




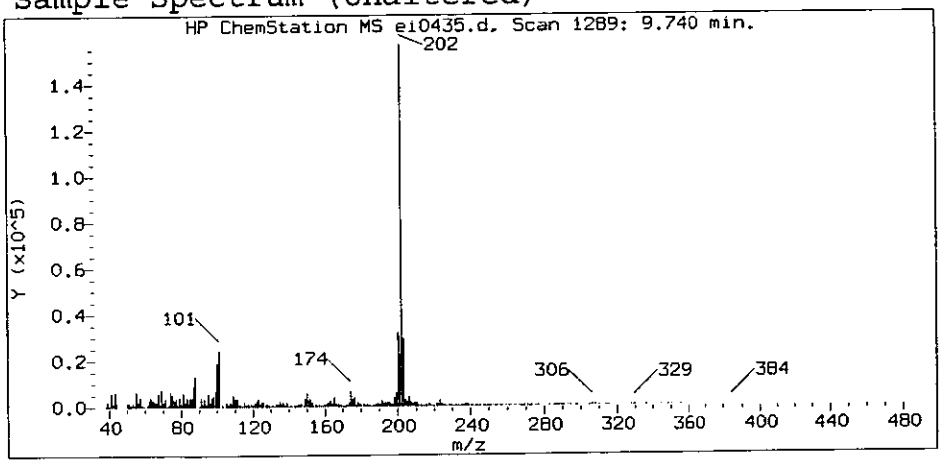


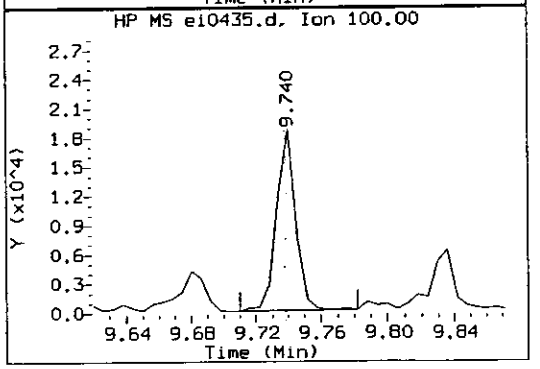
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

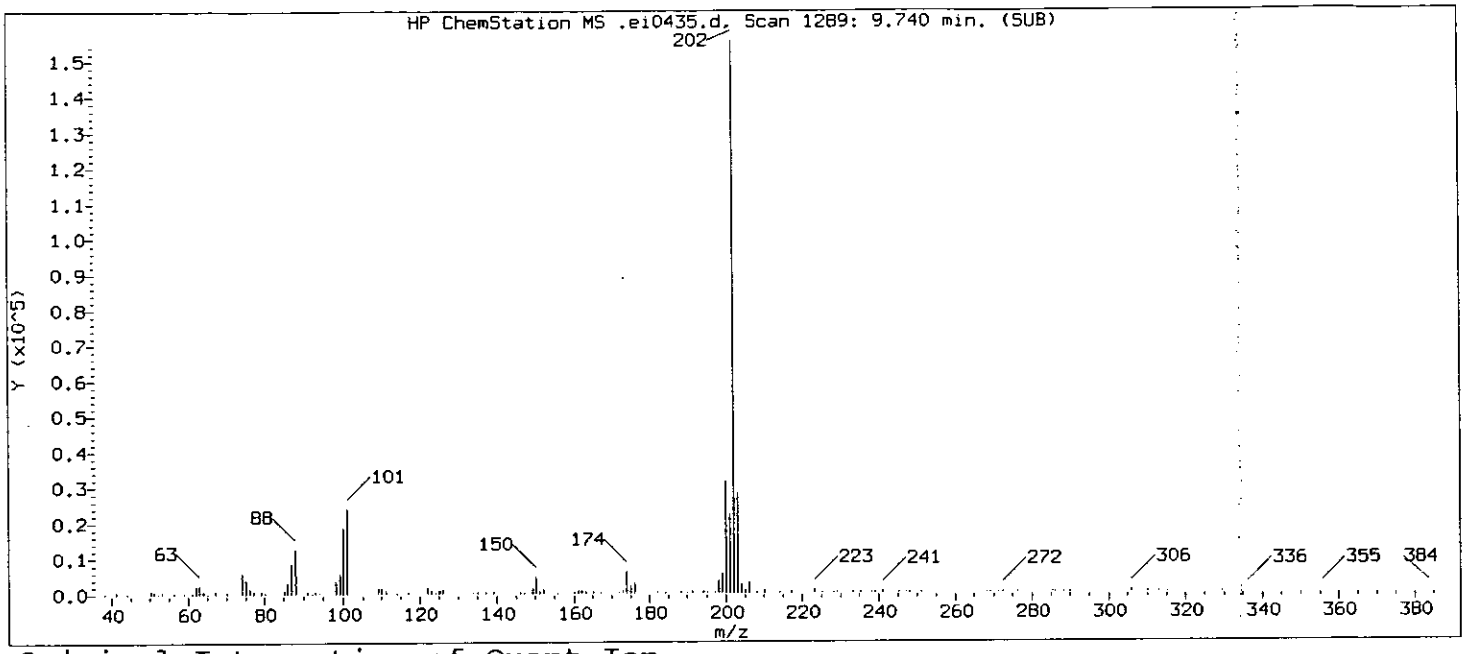
Sample Name: AMSS5

Lab Sample ID: 5454413

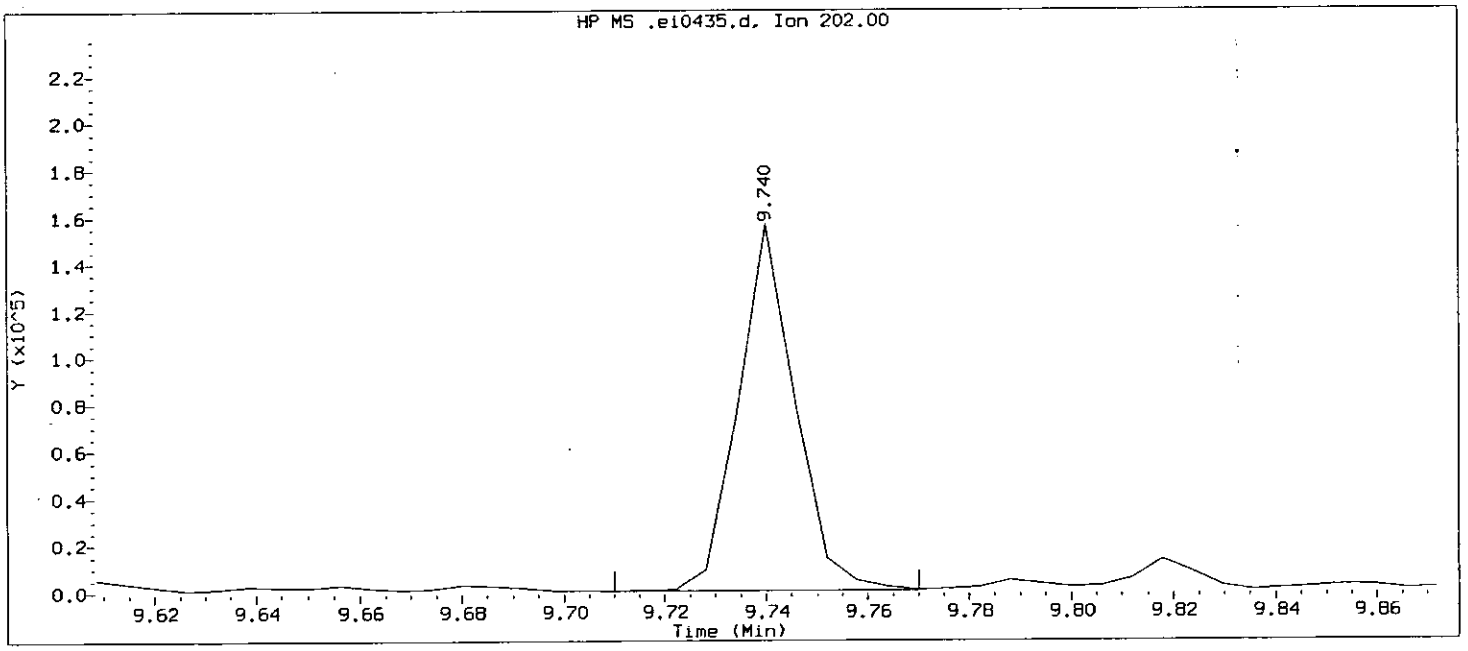
Compound Number	: 148
Compound Name	: Fluoranthene
Scan Number	: 1289
Retention Time (minutes)	: 9.740
Quant Ion	: 202.0
Area (flag)	: 120260 M
Concentration (ng/ul)	: 11.6544

ASX04 0102

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

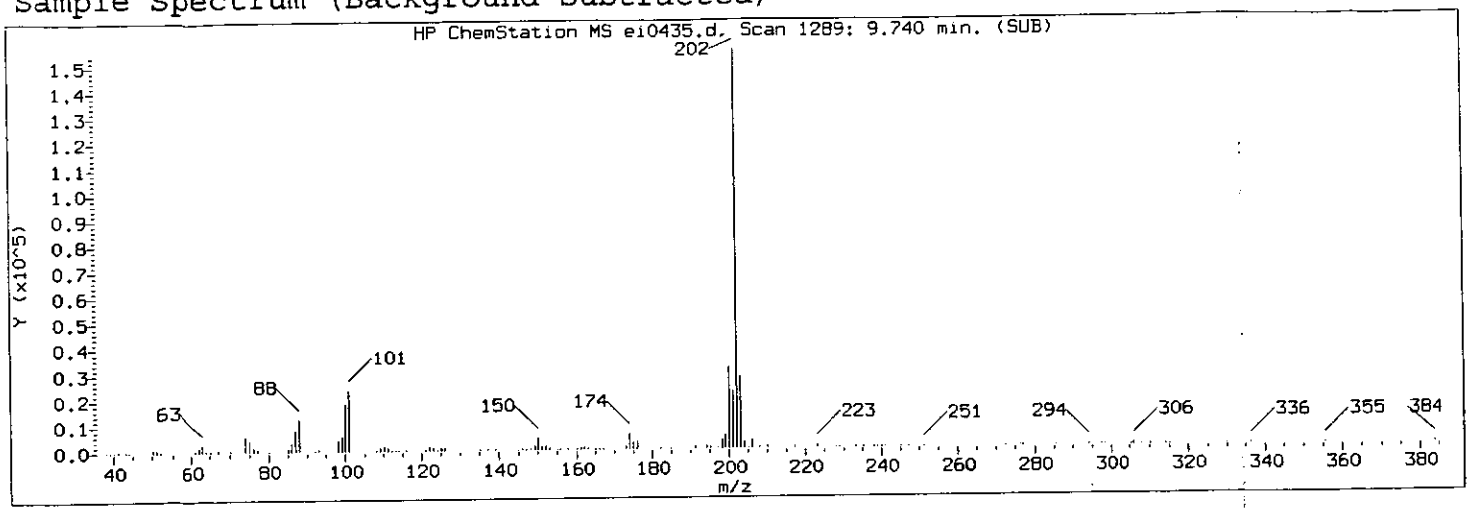
Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1289
Retention Time (minutes): 9.740
Quant Ion : 202
Area : 121310
Concentration (ng/ul) : 11.7562
Integration start scan : 1283 Integration stop scan: 1293
Y at integration start : 452 Y at integration end: 609

mn1488 09/09/08

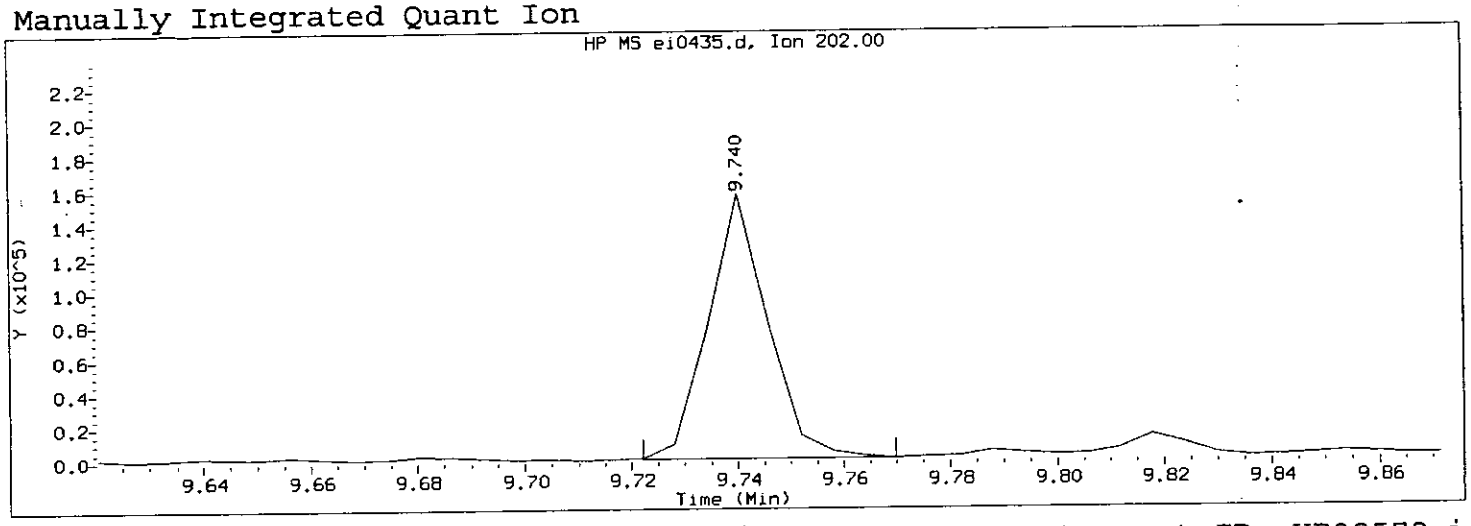
ASX84 0103

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1289
Retention Time (minutes): 9.740
Quant Ion : 202
Area (flag) : 120260 M
Concentration (ng/ul) : 11.6544
Integration start scan : 1285 Integration stop scan: 1293
Y at integration start : 835 Y at integration end: 835

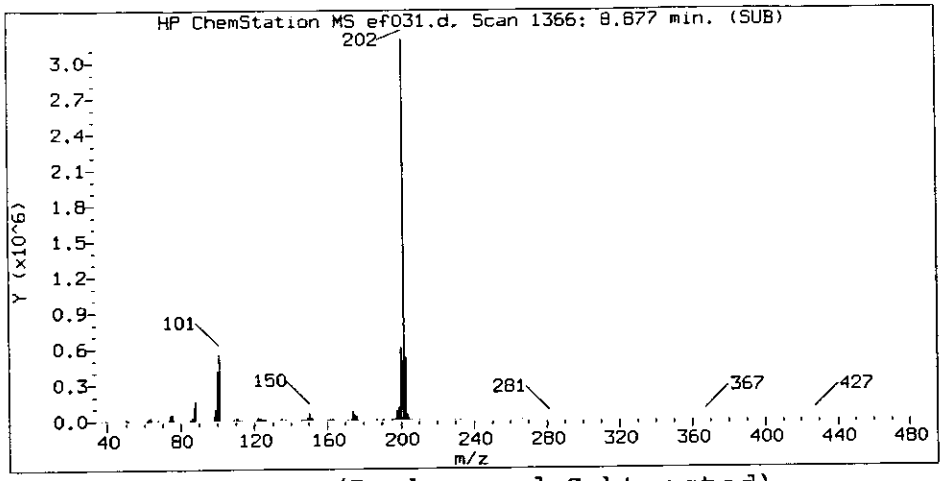
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH198 09/09/08

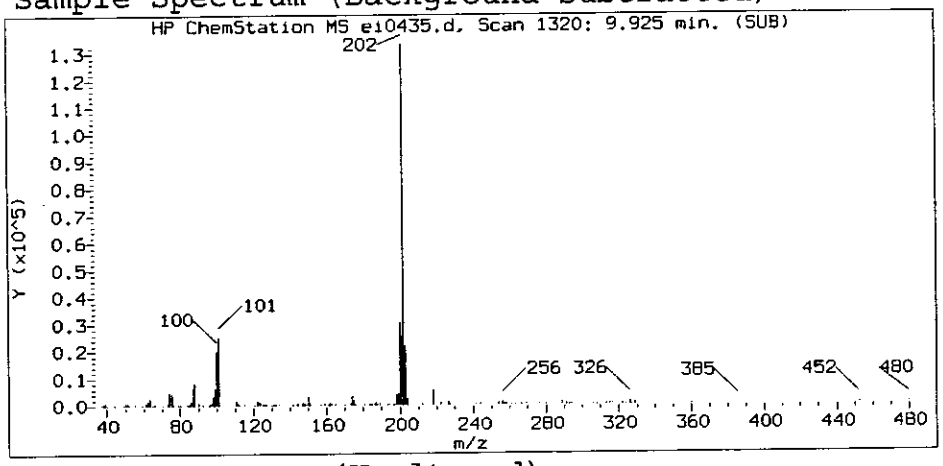
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

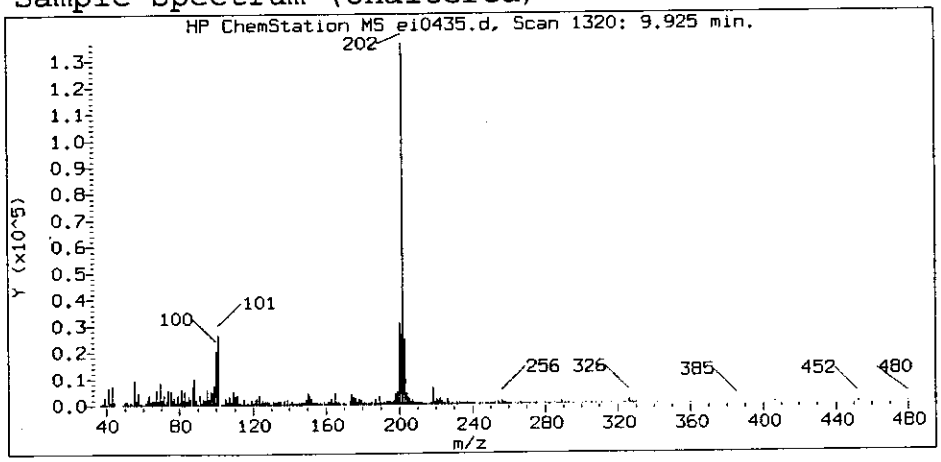
Reference Standard Spectrum for Pyrene

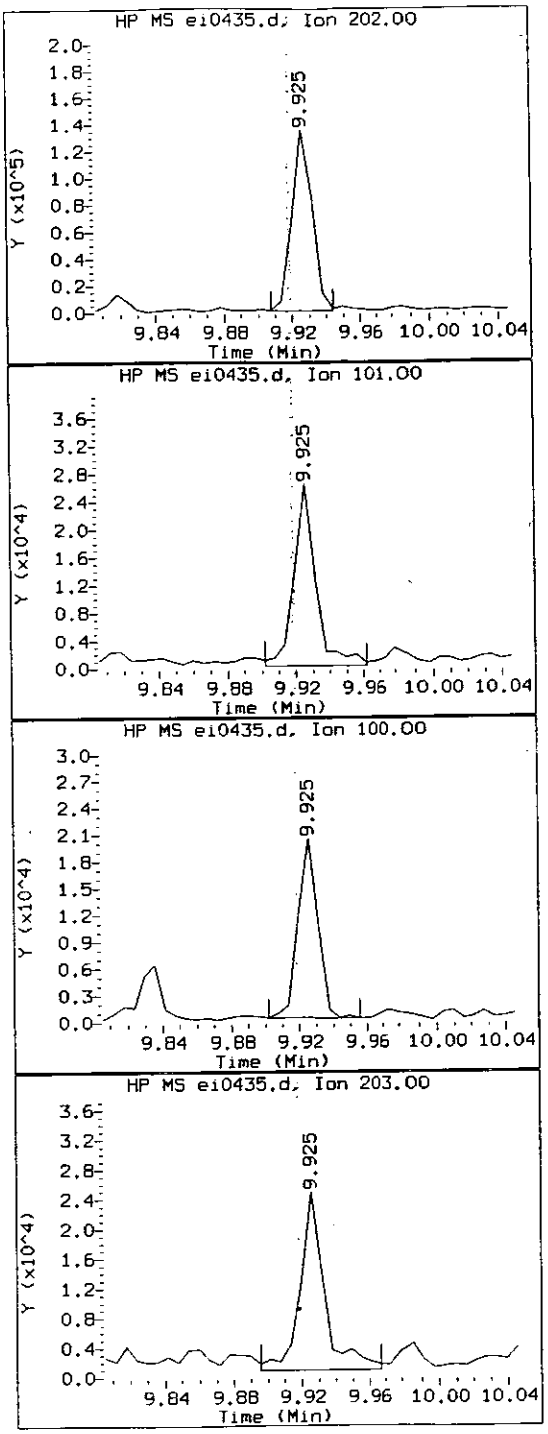


Sample Spectrum (Background Subtracted)



Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

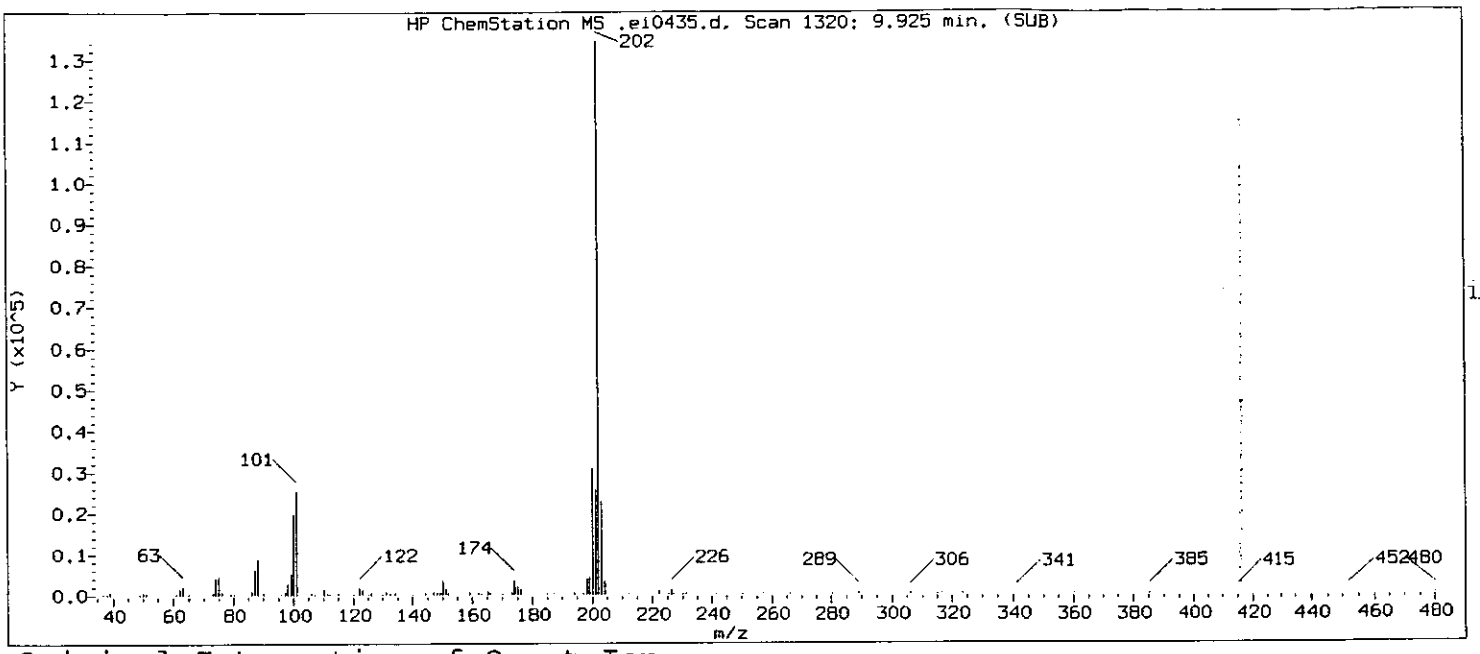
Sample Name: AMSS5

Lab Sample ID: 5454413

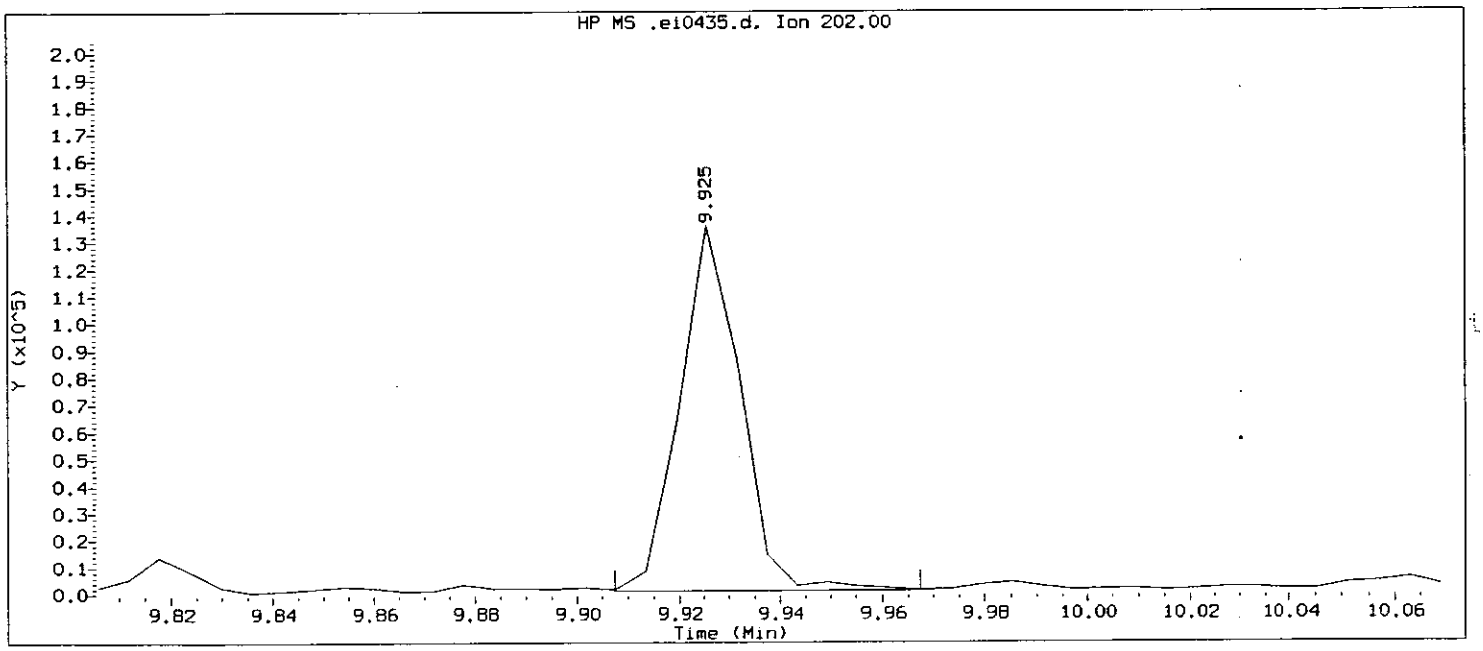
Compound Number : 155
Compound Name : Pyrene
Scan Number : 1320
Retention Time (minutes): 9.925
Quant Ion : 202.0
Area (flag) : 109002 M
Concentration (ng/ul) : 11.8057

ASX04 0185

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

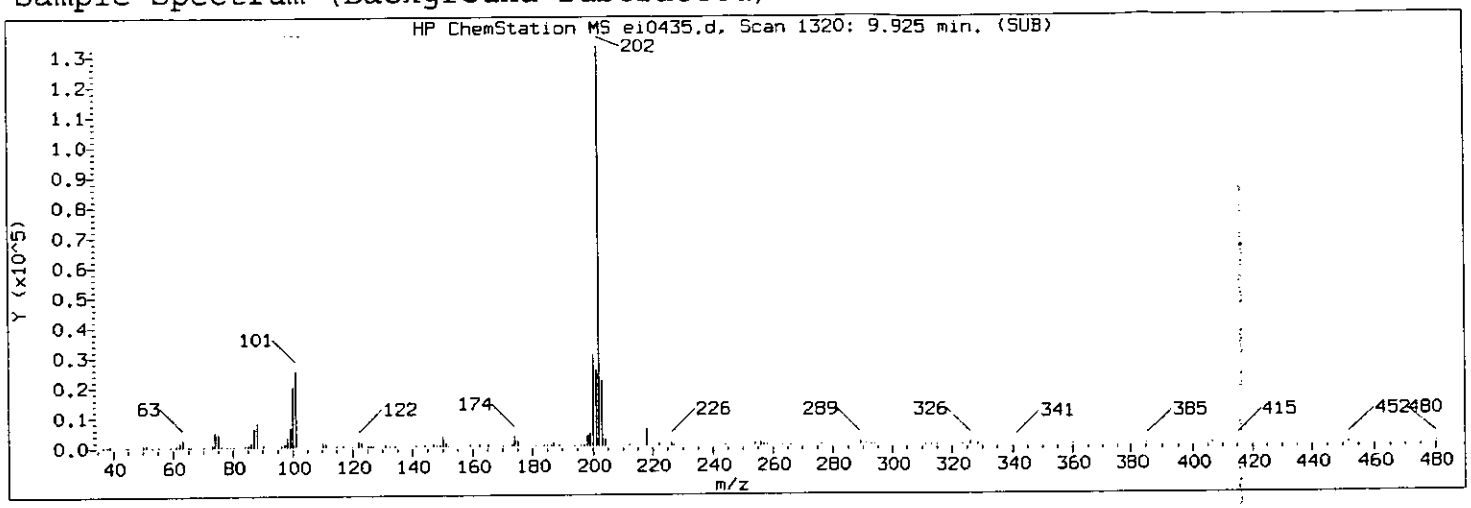
Compound Number : 155
Compound Name : Pyrene
Scan Number : 1320
Retention Time (minutes): 9.925
Quant Ion : 202
Area : 112474
Concentration (ng/ul) : 12.1817
Integration start scan : 1316 Integration stop scan: 1326
Y at integration start : 1068 Y at integration end: 1130

mm 09/09/08

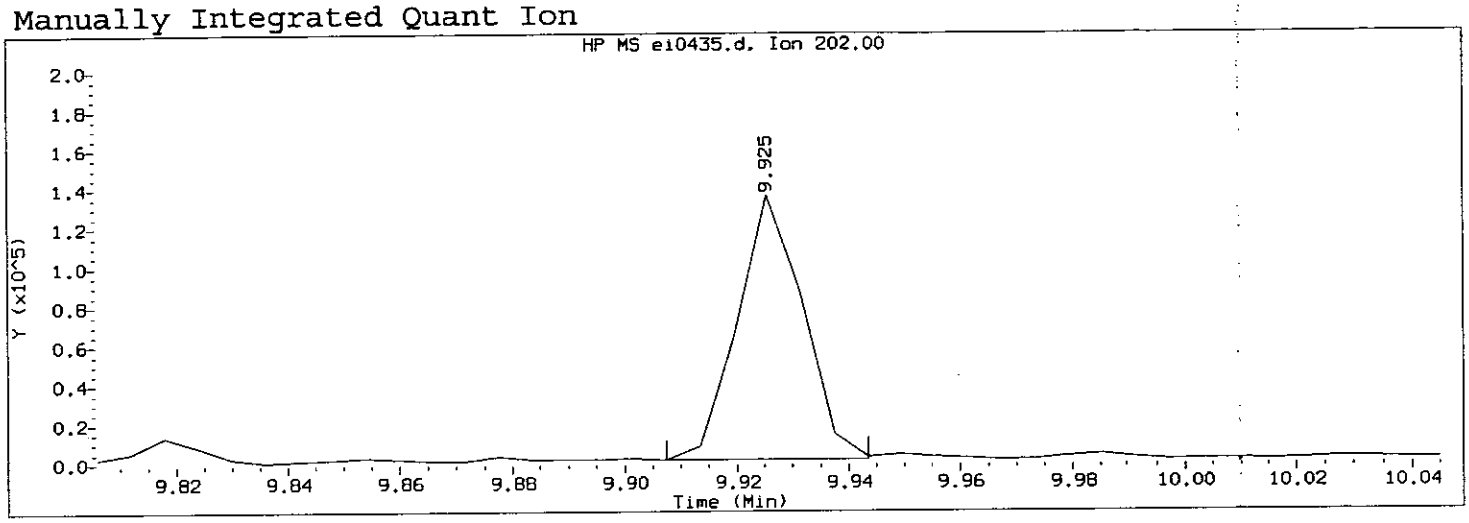
ASX84 8186

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number	: 155	
Compound Name	: Pyrene	
Scan Number	: 1320	
Retention Time (minutes)	: 9.925	
Quant Ion	: 202	
Area (flag)	: 109002	M
Concentration (ng/ul)	: 11.8057	
Integration start scan	: 1316	Integration stop scan: 1322
Y at integration start	: 1646	Y at integration end: 1646

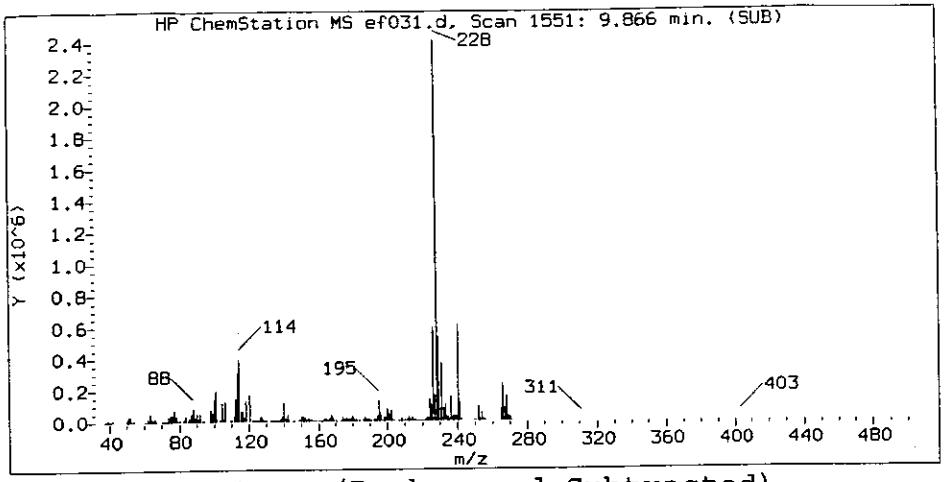
Reason for manual integration (circle one): missed peak improper integration

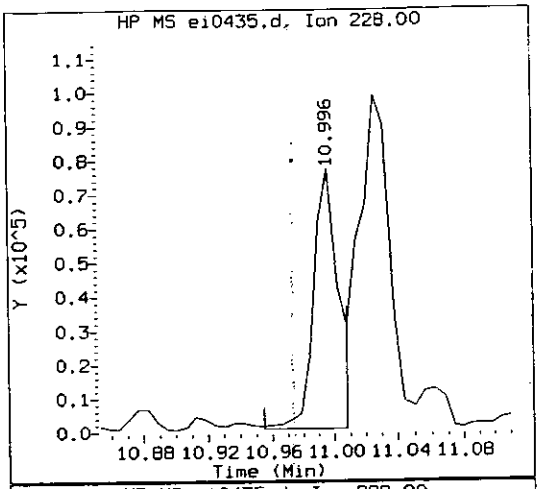
Analyst responsible for change: lmh1986 09/09/08

GC/MS audit/management approval: 9/10/08

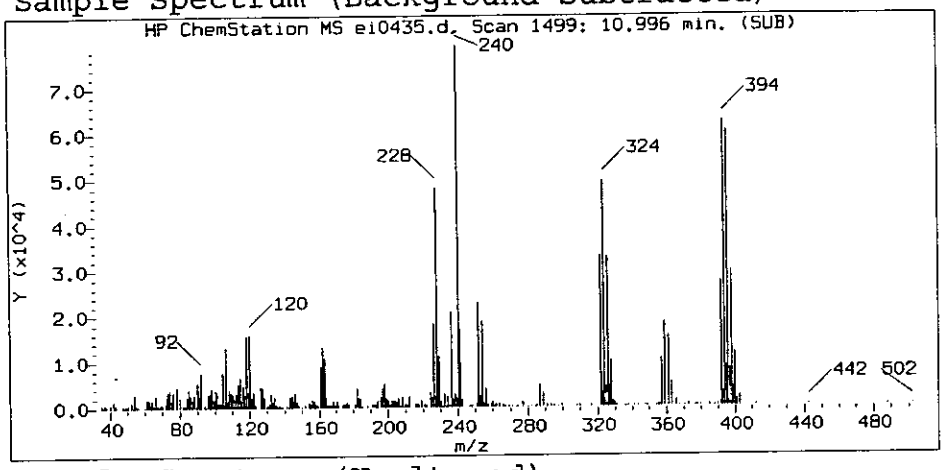
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

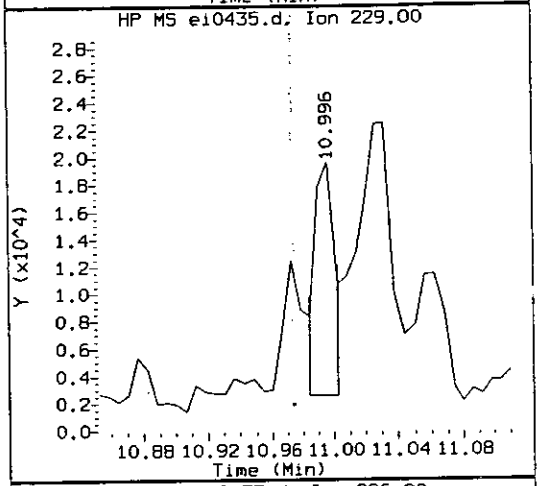
Reference Standard Spectrum for Benzo(a)anthracene



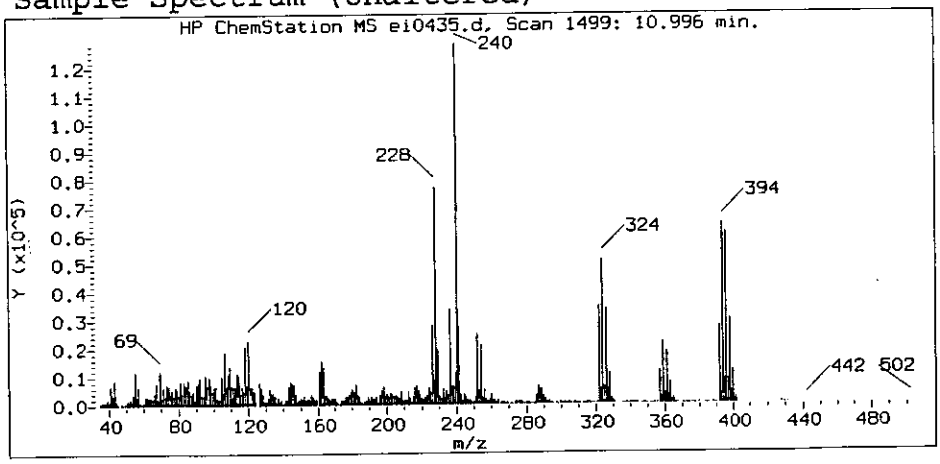


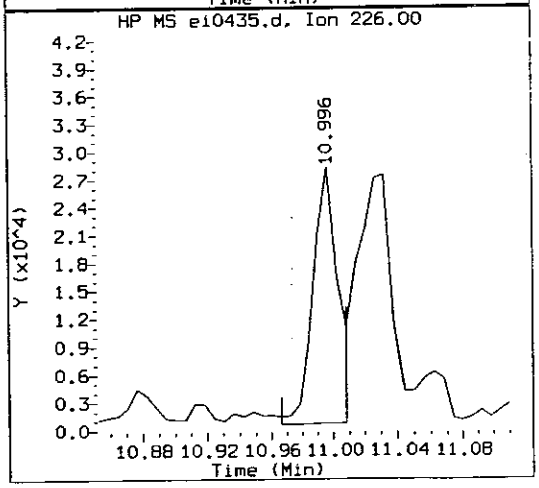
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5

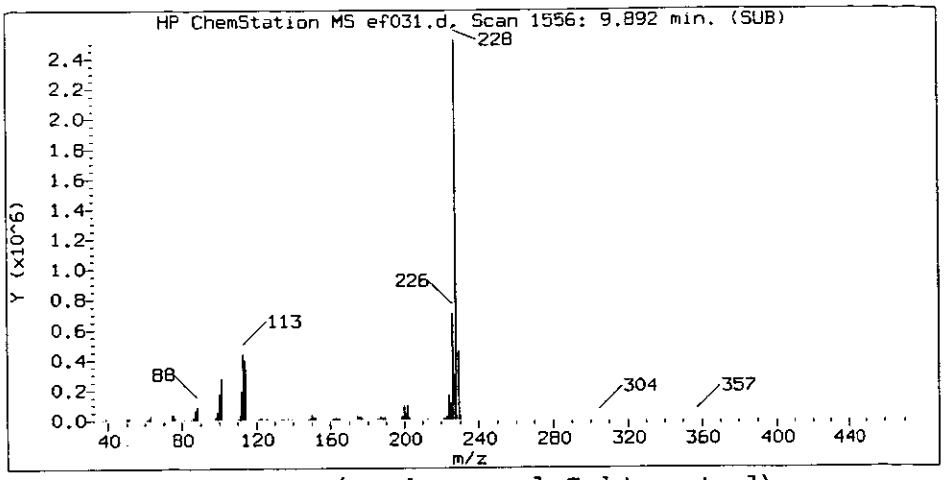
Lab Sample ID: 5454413

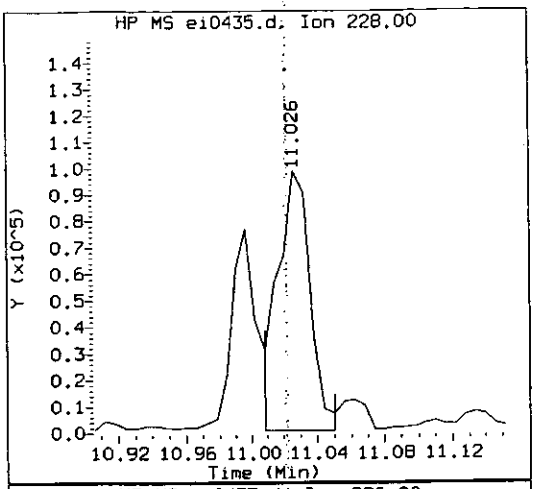
Compound Number	: 167
Compound Name	: Benzo(a)anthracene
Scan Number	: 1499
Retention Time (minutes)	: 10.996
Quant Ion	: 228.0
Area (flag)	: 80980
Concentration (ng/ul)	: 9.0177

ASX84 0100

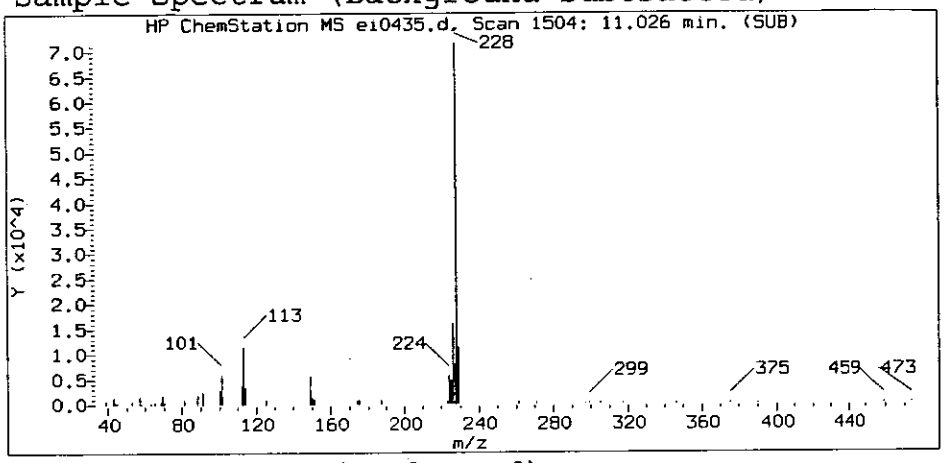
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:44

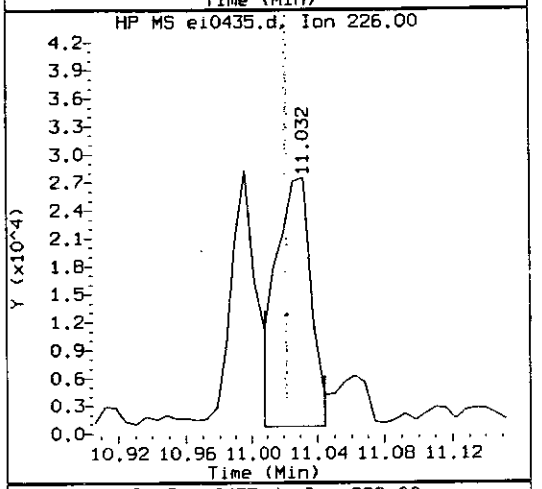
Reference Standard Spectrum for Chrysene



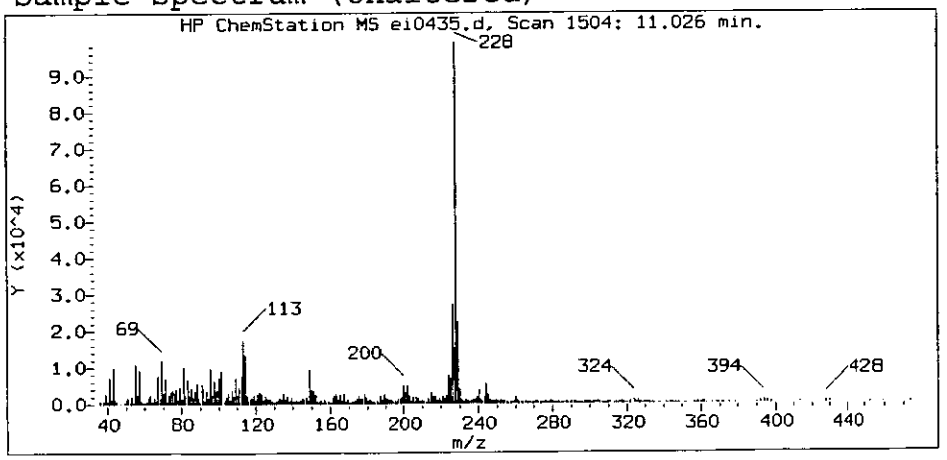


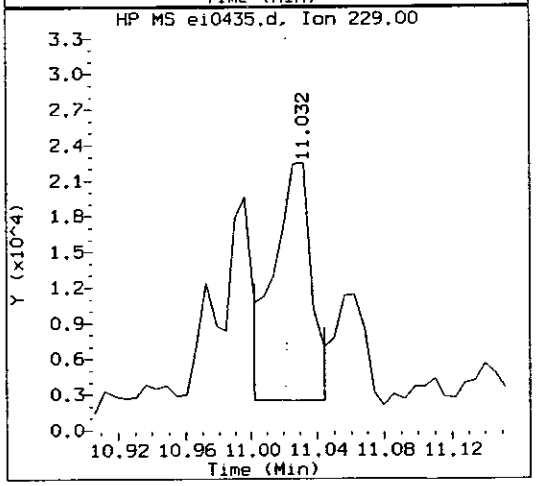
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

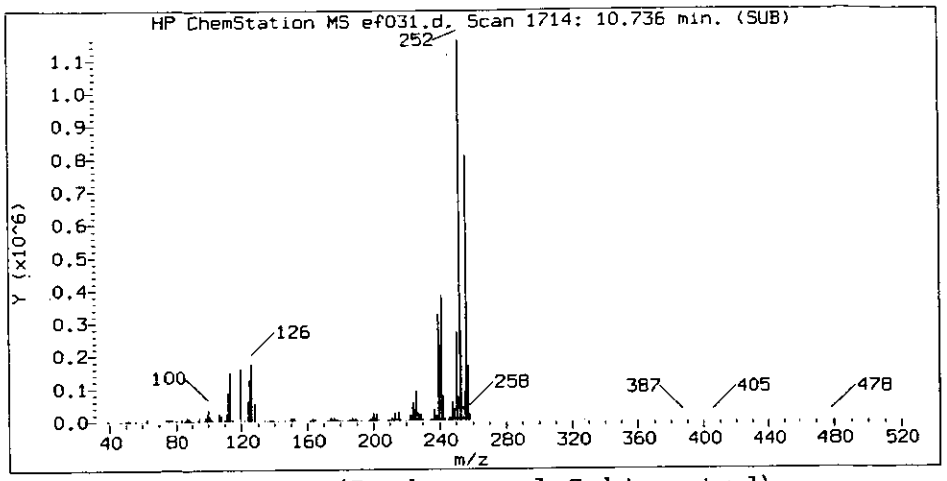
Sample Name: AMSS5

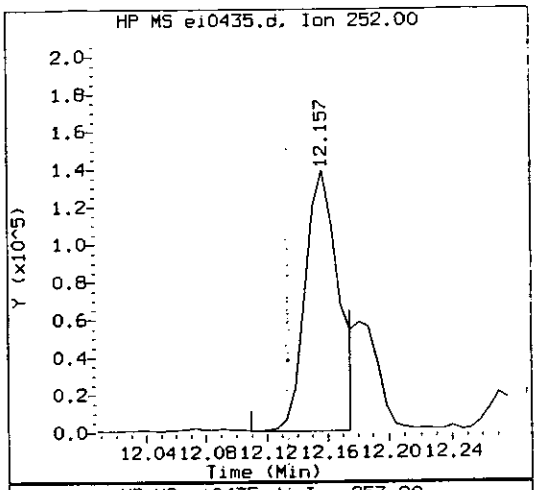
Lab Sample ID: 5454413

Compound Number	: 169
Compound Name	: Chrysene
Scan Number	: 1504
Retention Time (minutes)	: 11.026
Quant Ion	: 228.0
Area (flag)	: 133668
Concentration (ng/ul)	: 15.5993

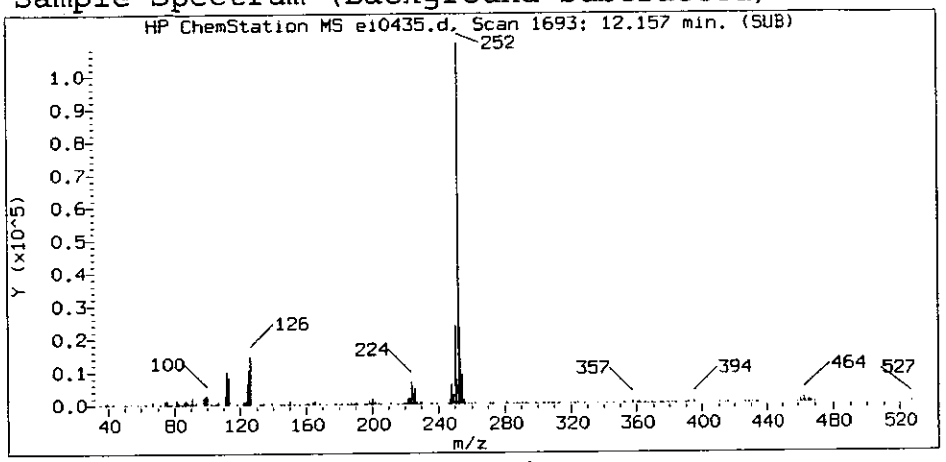
ASX04 0109

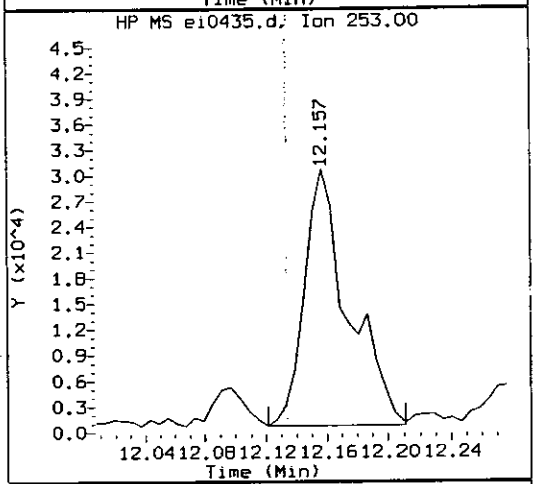
Reference Standard Spectrum for Benzo(b)fluoranthene



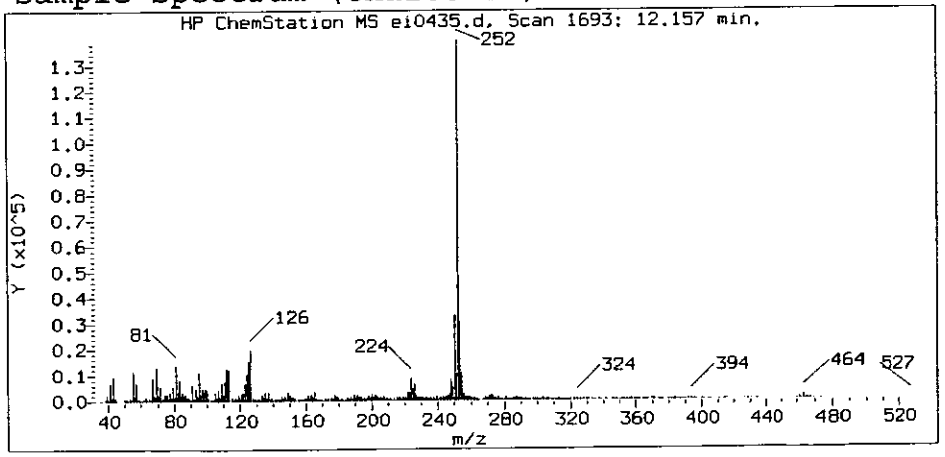


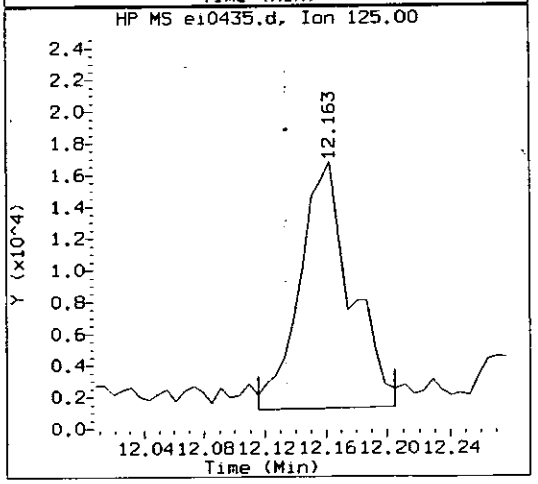
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5

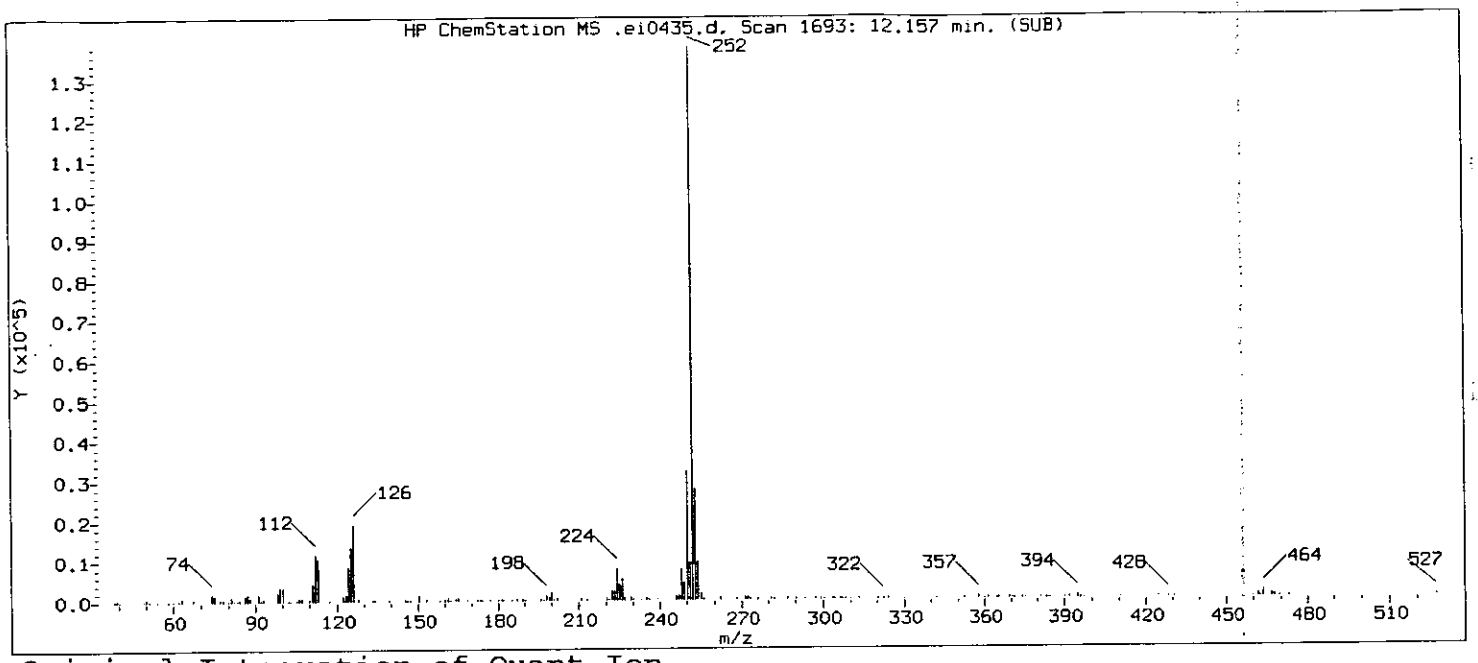
Lab Sample ID: 5454413

Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1693
Retention Time (minutes): 12.157
Quant Ion : 252.0
Area (flag) : 213461 M
Concentration (ng/ul) : 20.1125

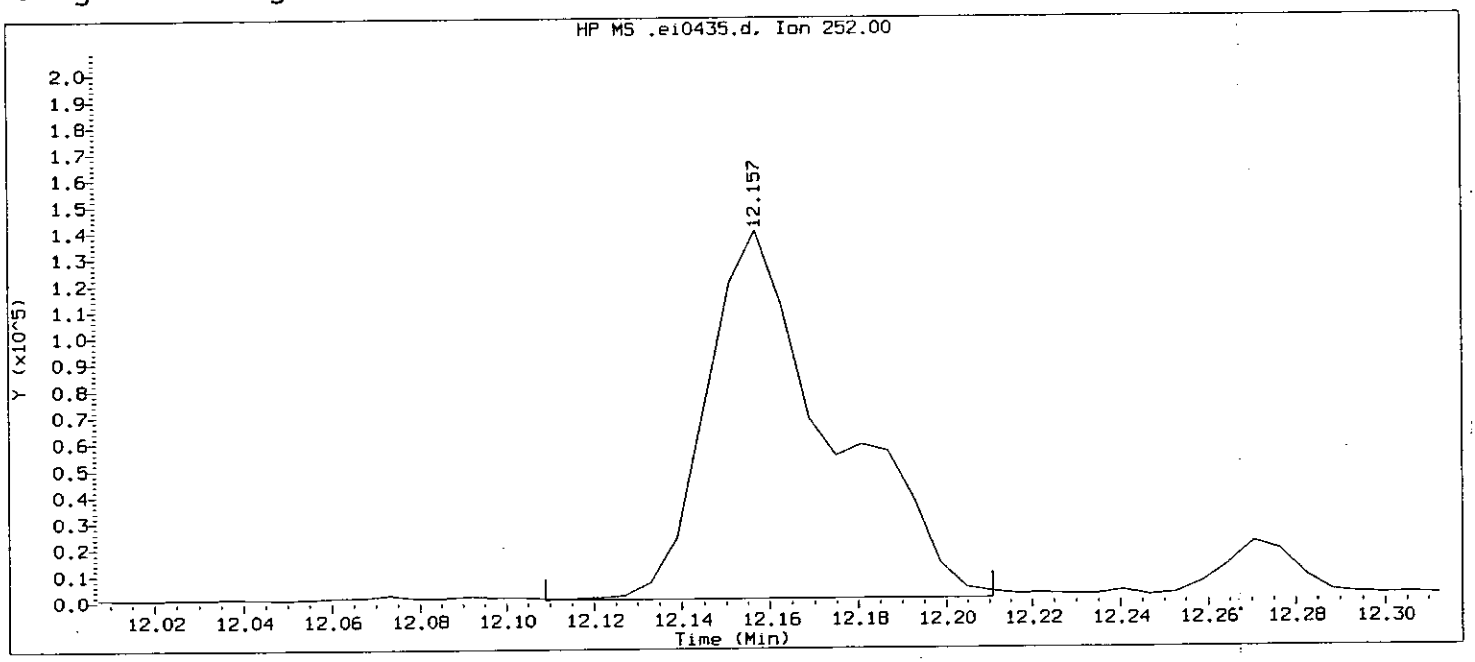
ASX04 8118

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:44

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

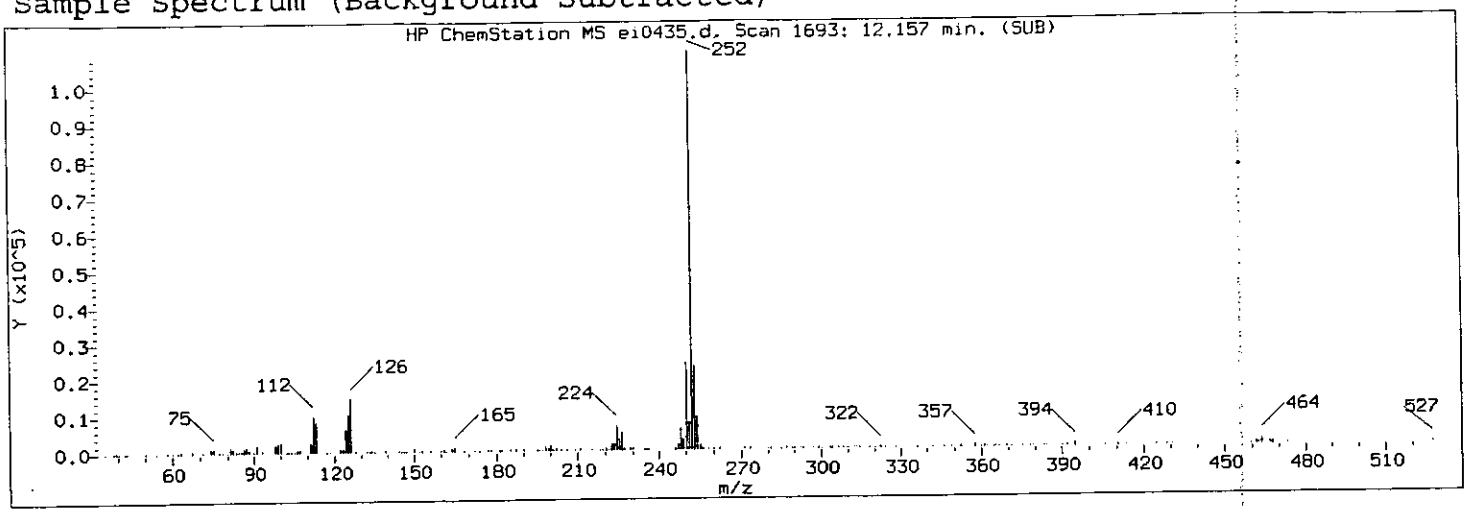
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

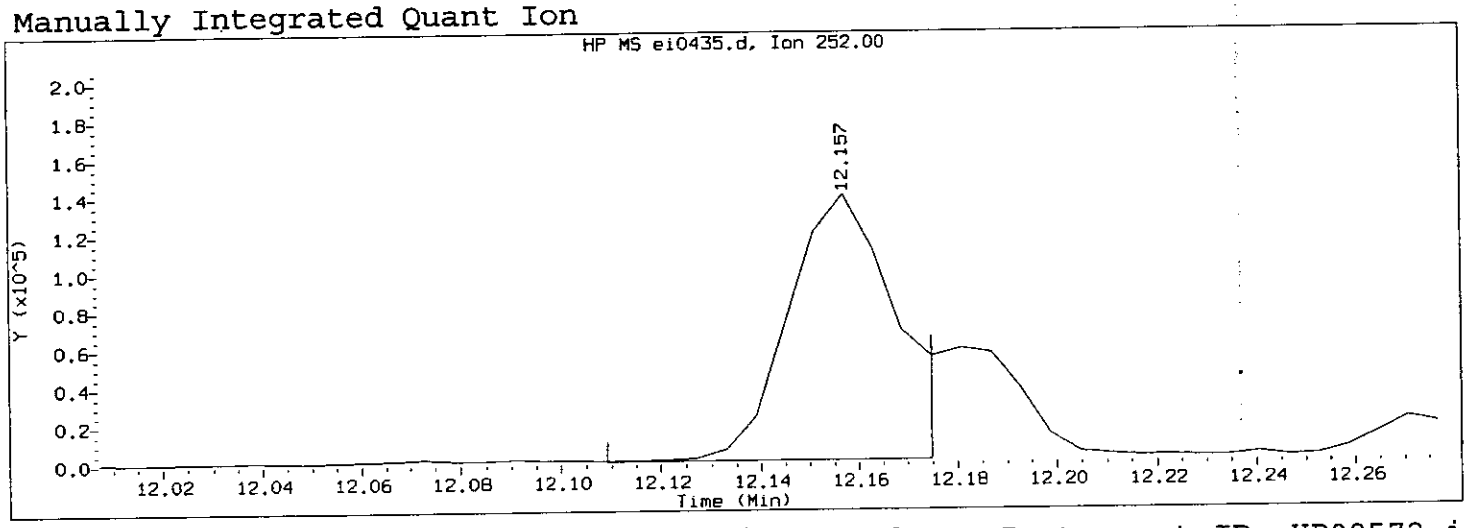
Compound Number	:	173
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1693
Retention Time (minutes)	:	12.157
Quant Ion	:	252
Area	:	273934
Concentration (ng/ul)	:	25.8103
Integration start scan	:	1684 Integration stop scan: 1701
Y at integration start	:	579 Y at integration end: 604

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1693
Retention Time (minutes): 12.157
Quant Ion : 252
Area (flag) : 213461 M
Concentration (ng/ul) : 20.1125
Integration start scan : 1684 Integration stop scan: 1695
Y at integration start : 579 Y at integration end: 595

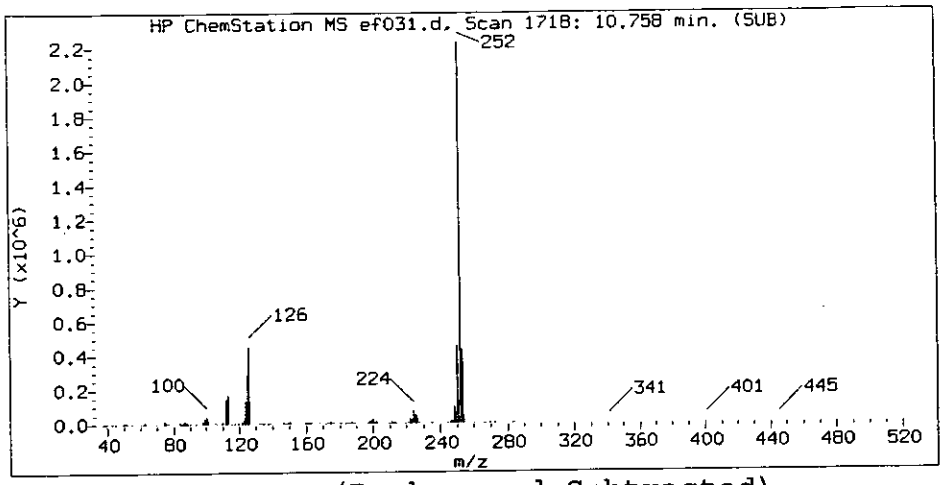
Reason for manual integration (circle one): missed peak improper integration

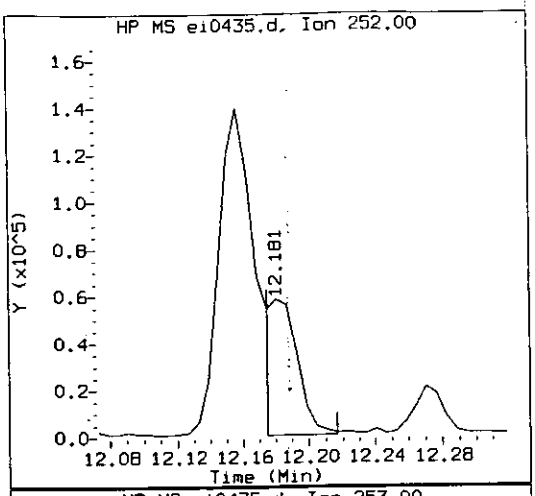
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

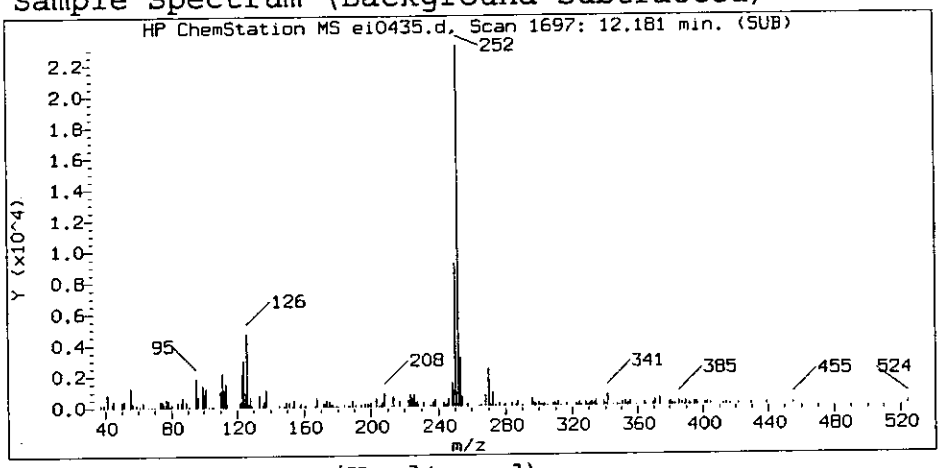
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

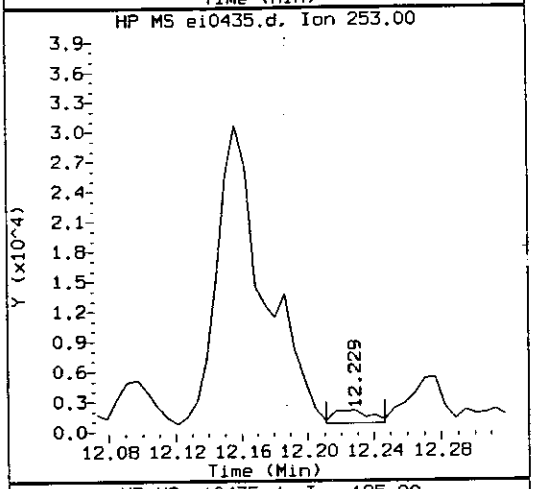
Reference Standard Spectrum for Benzo(k)fluoranthene



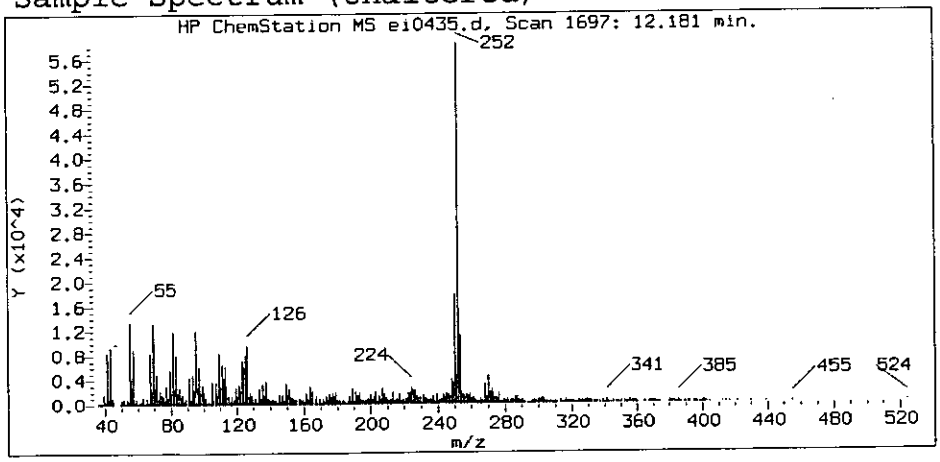


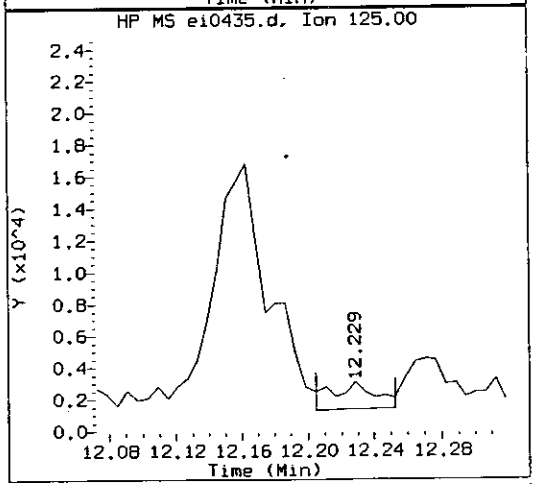
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

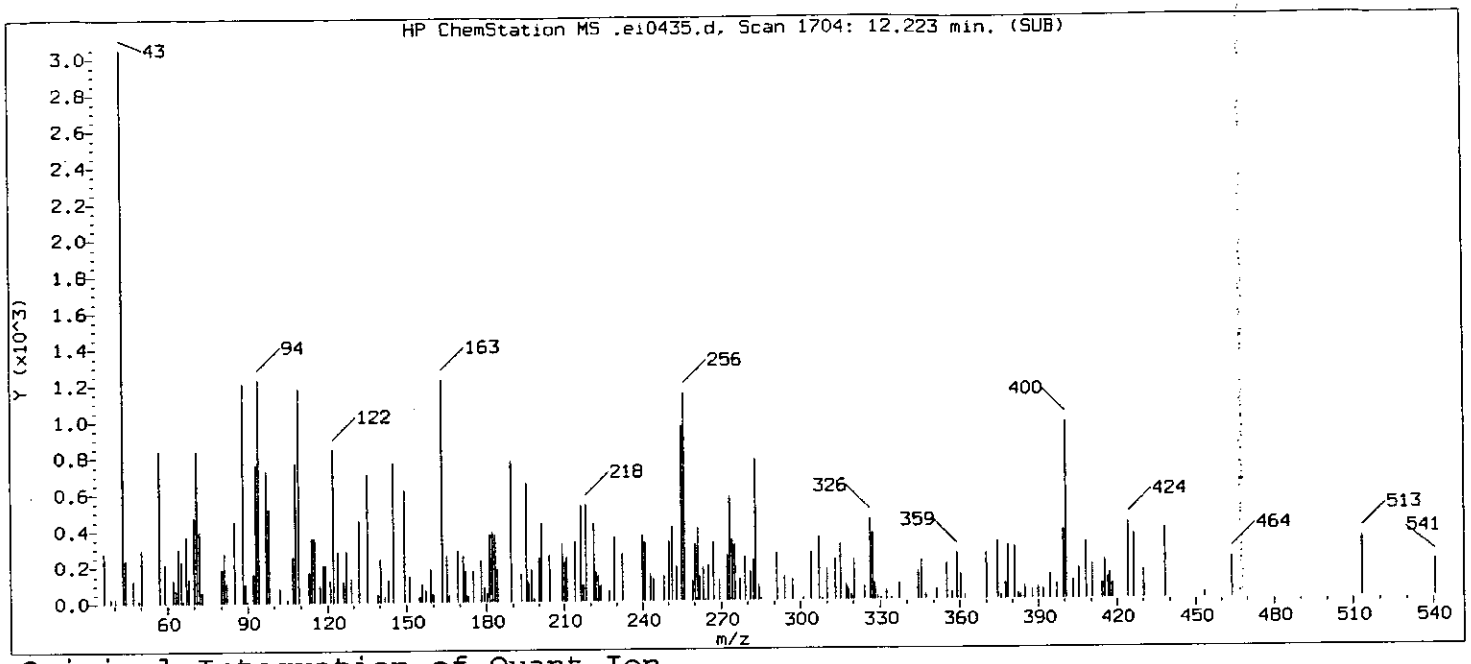
Sample Name: AMSS5

Lab Sample ID: 5454413

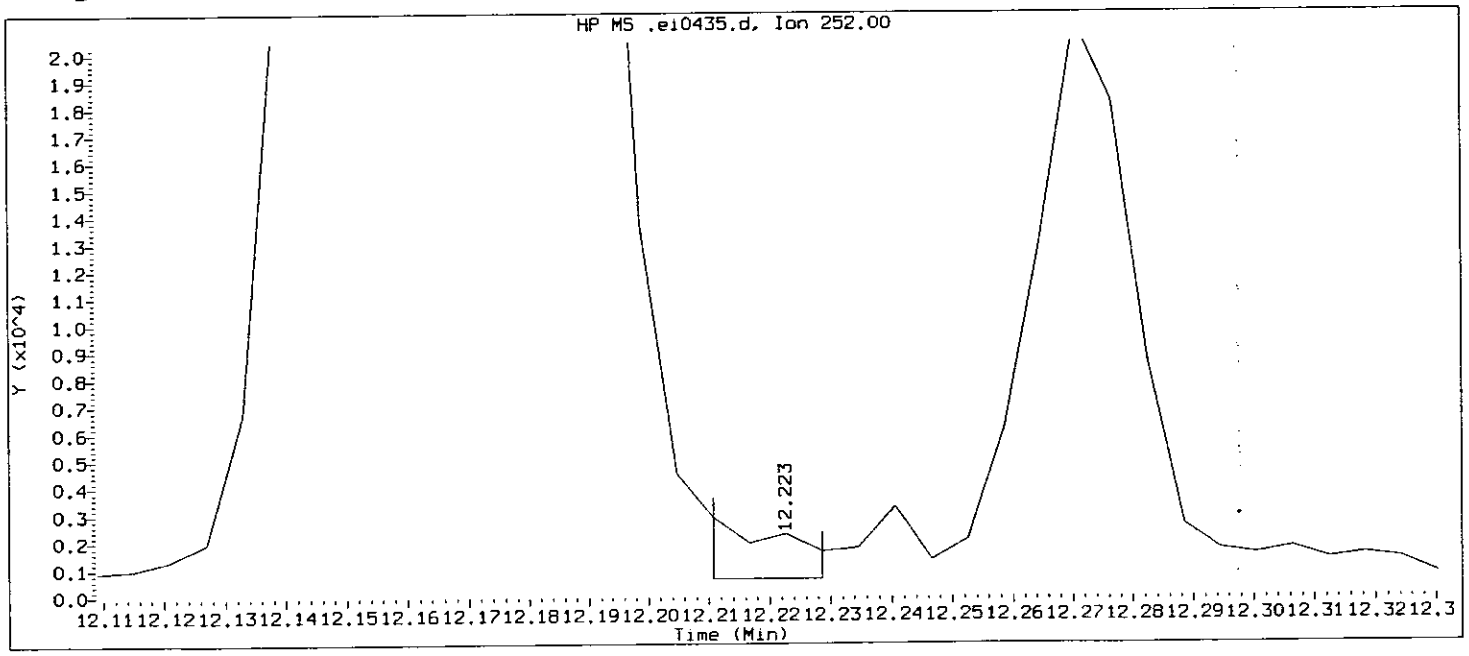
Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1697
Retention Time (minutes)	:	12.181
Quant Ion	:	252.0
Area (flag)	:	80102 M
Concentration (ng/ul)	:	7.2453

ASX84 8153

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

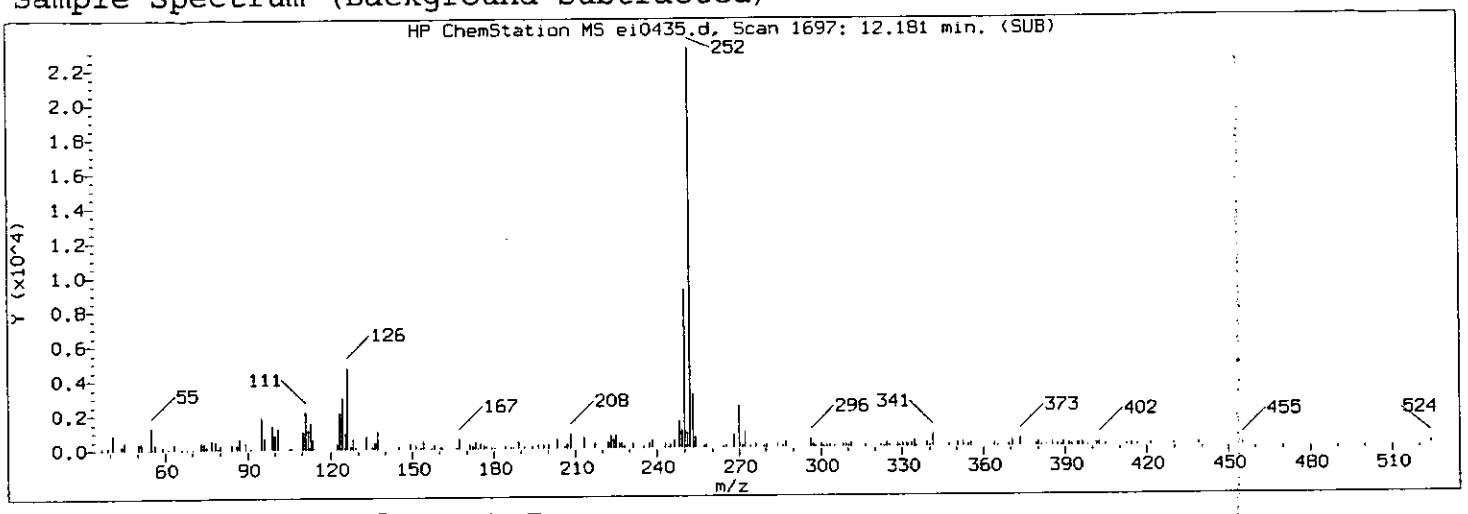
Compound Number	: 174
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1704
Retention Time (minutes)	: 12.223
Quant Ion	: 252
Area	: 1659
Concentration (ng/ul)	: 0.1501
Integration start scan	: 1701 Integration stop scan: 1704
Y at integration start	: 604 Y at integration end: 619

mm 1986 09/09/08

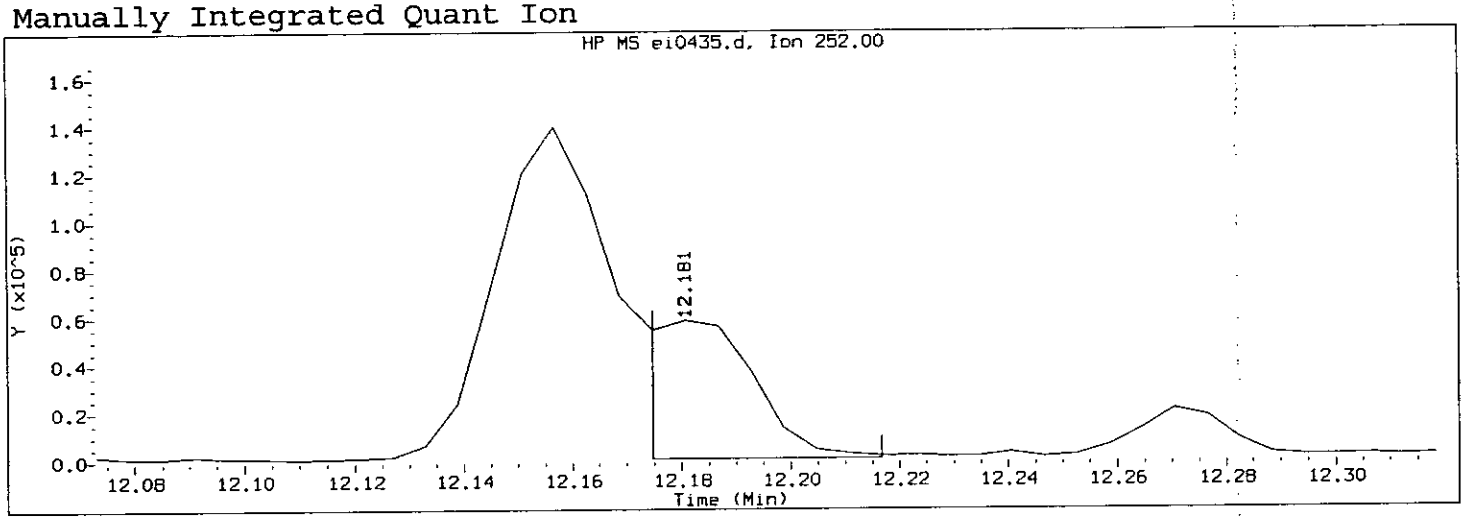
ASX84.B114

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1697
Retention Time (minutes)	:	12.181
Quant Ion	:	252
Area (flag)	:	80102 M
Concentration (ng/ul)	:	7.2453
Integration start scan	:	1695 Integration stop scan: 1702
Y at integration start	:	839 Y at integration end: 839

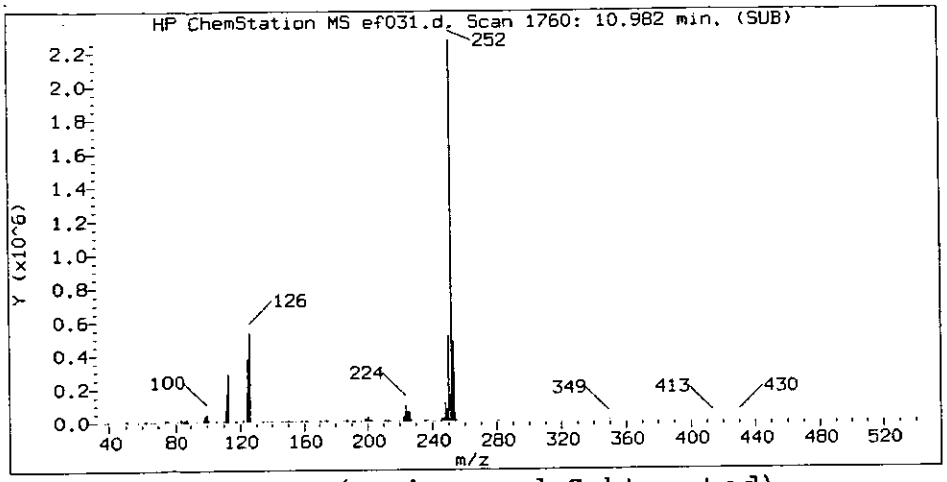
Reason for manual integration (circle one): missed peak improper integration

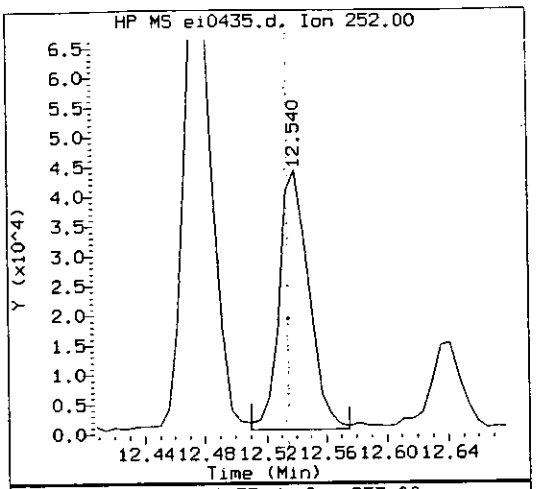
Analyst responsible for change: mn198 09/09/08

GC/MS audit/management approval: 9/10/08

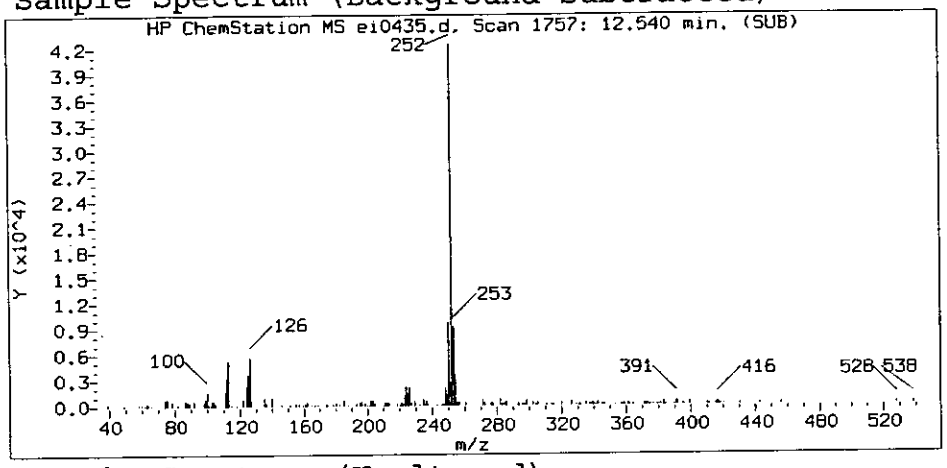
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

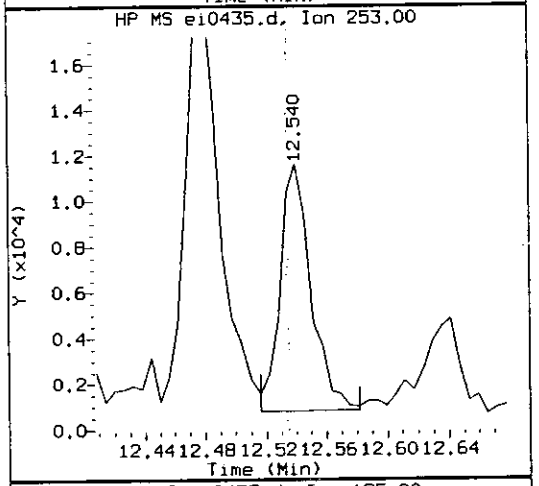
Reference Standard Spectrum for Benzo(a)pyrene



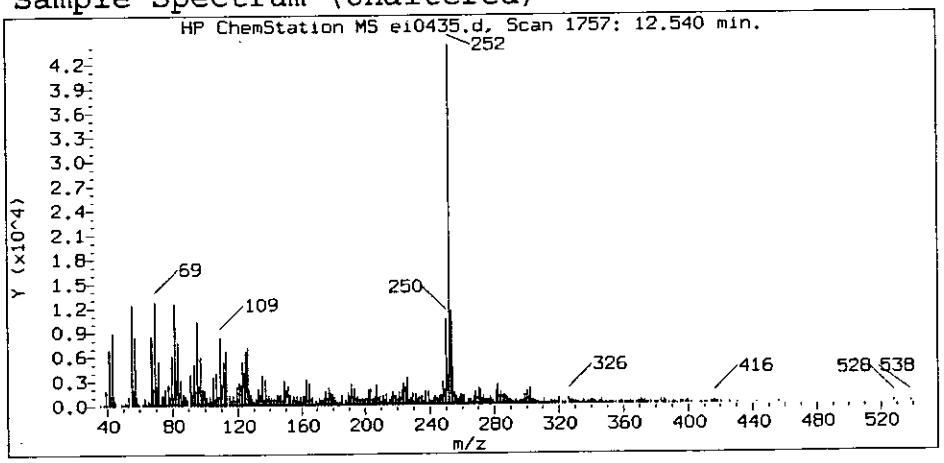


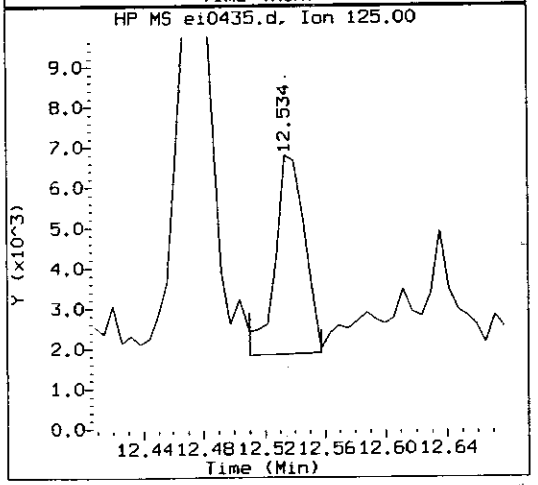
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

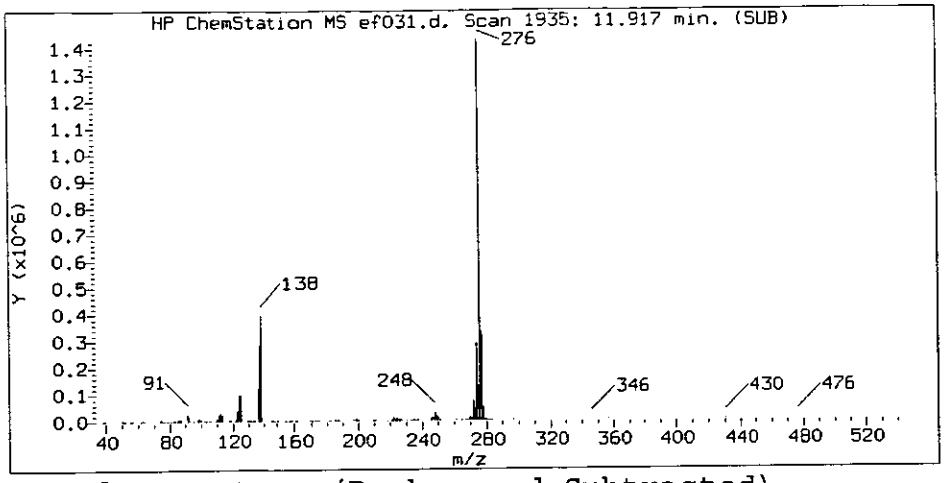
Sample Name: AMSS5

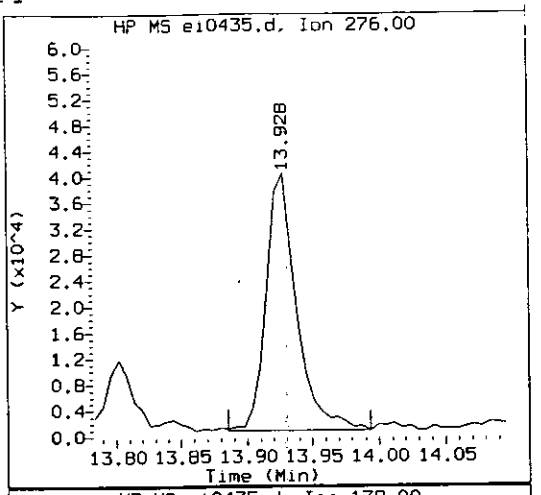
Lab Sample ID: 5454413

Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1757
Retention Time (minutes)	: 12.540
Quant Ion	: 252.0
Area (flag)	: 60617
Concentration (ng/ul)	: 6.3059

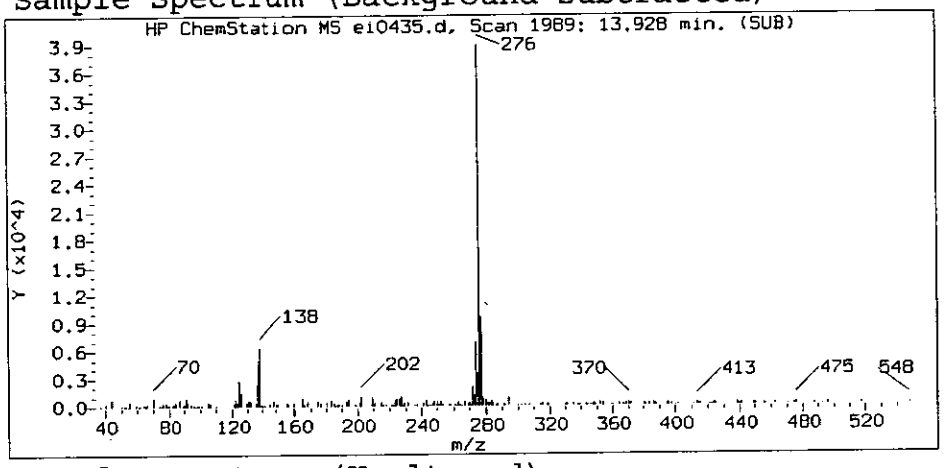
ASX04 0116

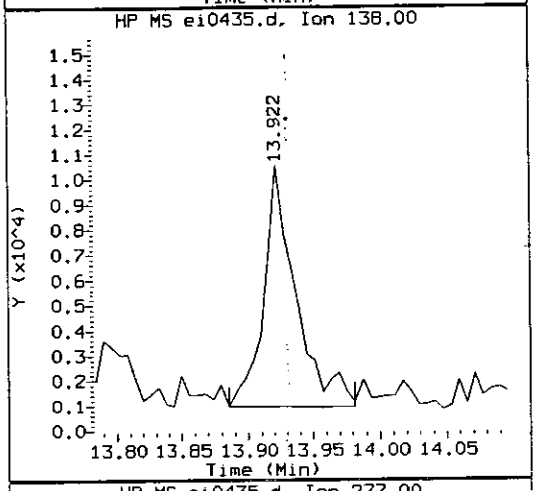
Reference Standard Spectrum for Indeno(1,2,3-cd)pyrene



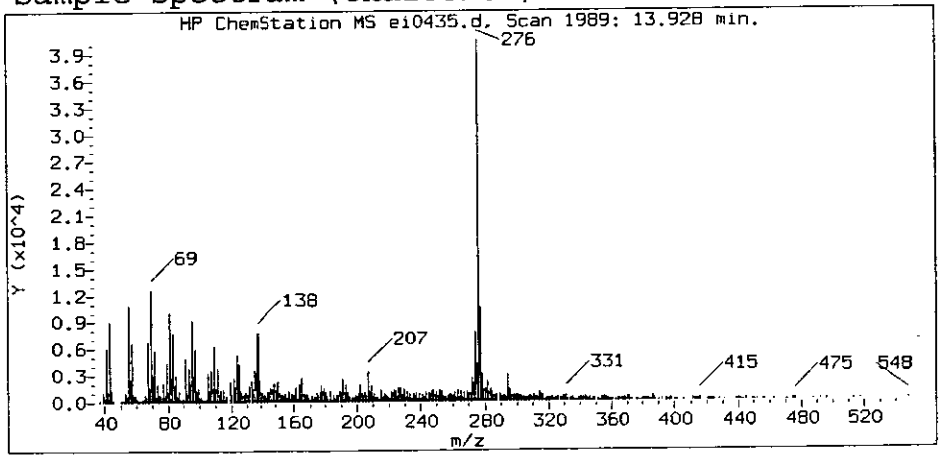


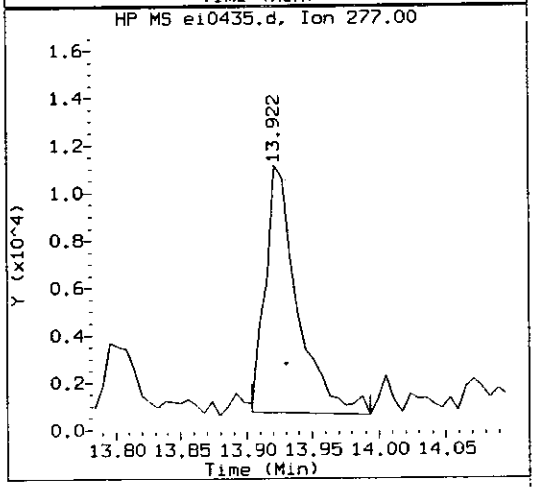
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5

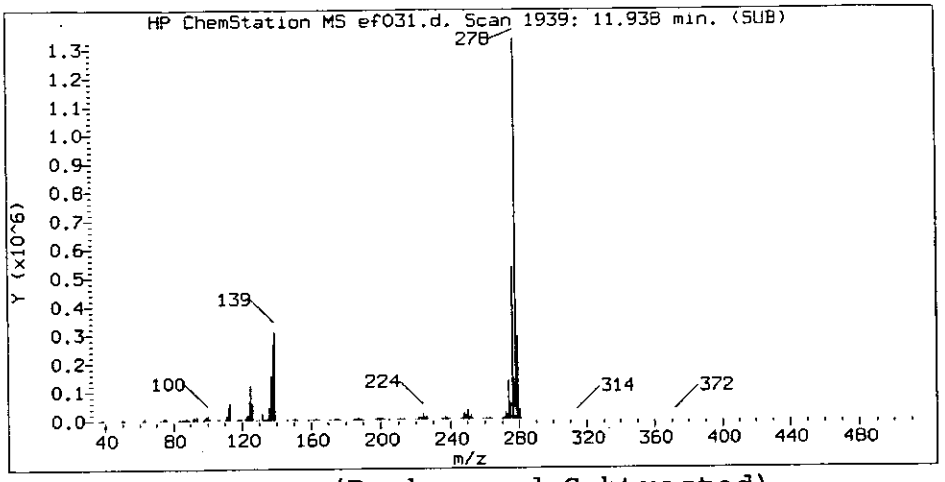
Lab Sample ID: 5454413

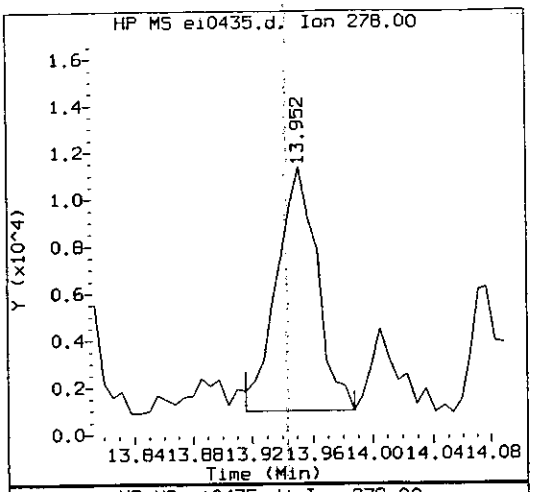
Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276.0
Area (flag) : 64833
Concentration (ng/ul) : 5.6345

ASX04 0117

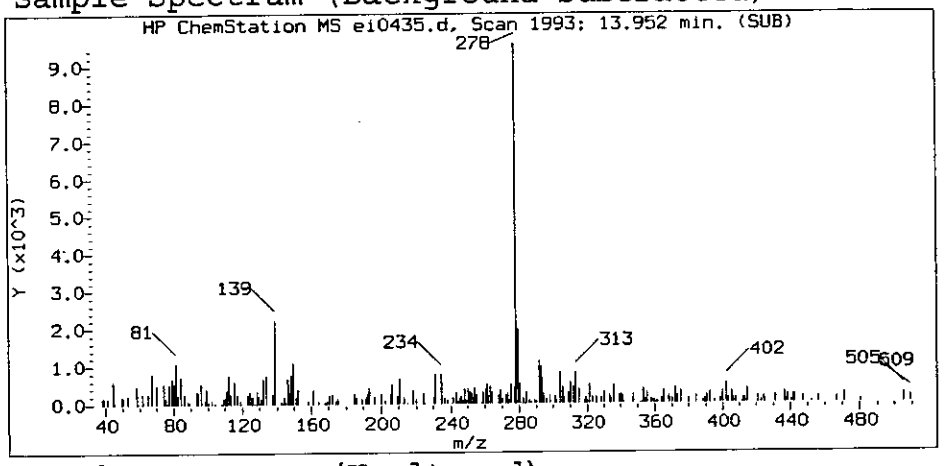
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:44

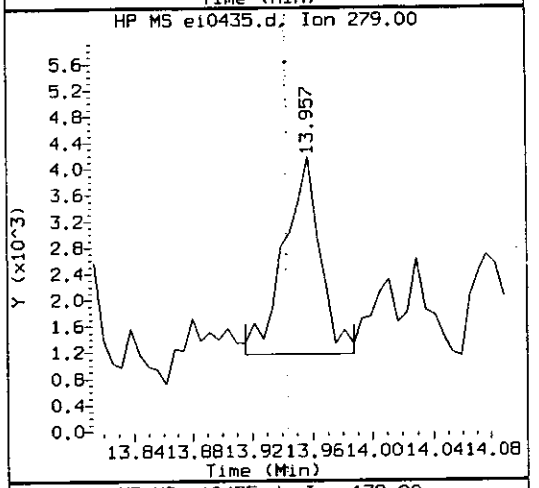
Reference Standard Spectrum for Dibenz(a,h)anthracene



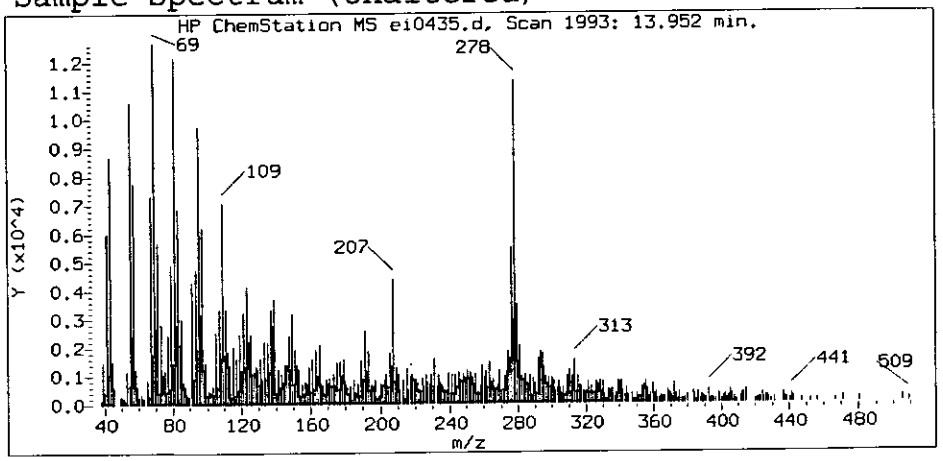


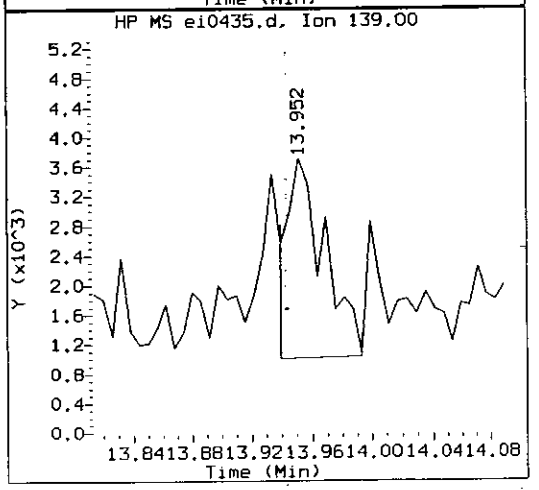
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

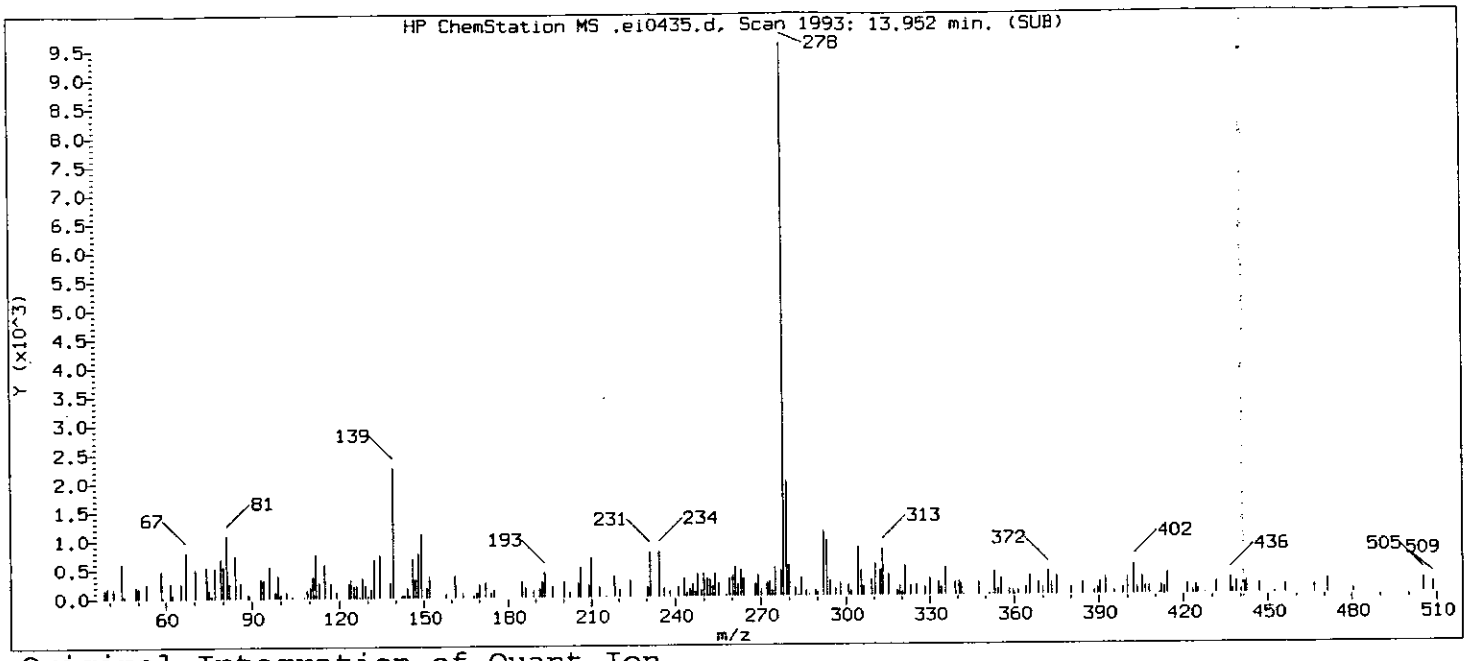
Sample Name: AMSS5

Lab Sample ID: 5454413

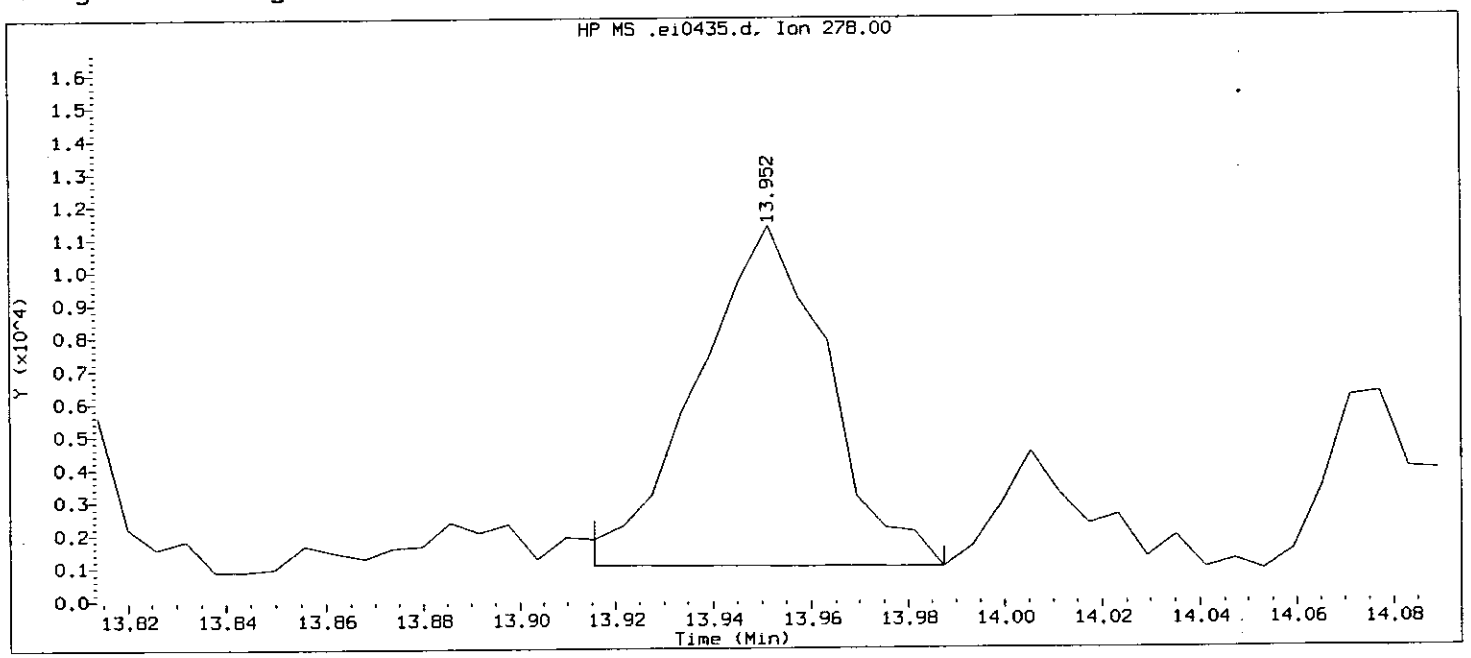
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1993
Retention Time (minutes)	: 13.952
Quant Ion	: 278.0
Area (flag)	: 19383 M
Concentration (ng/ul)	: 2.1660

aSX84 8118

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

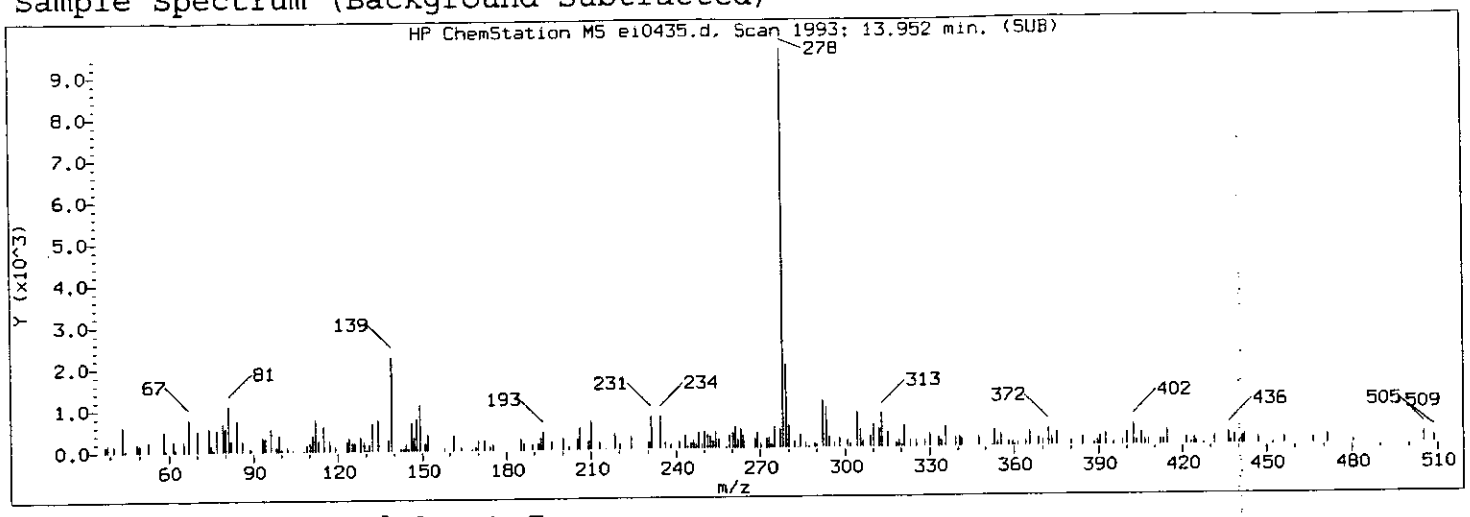
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

Sample Name: AMSS5 Lab Sample ID: 5454413

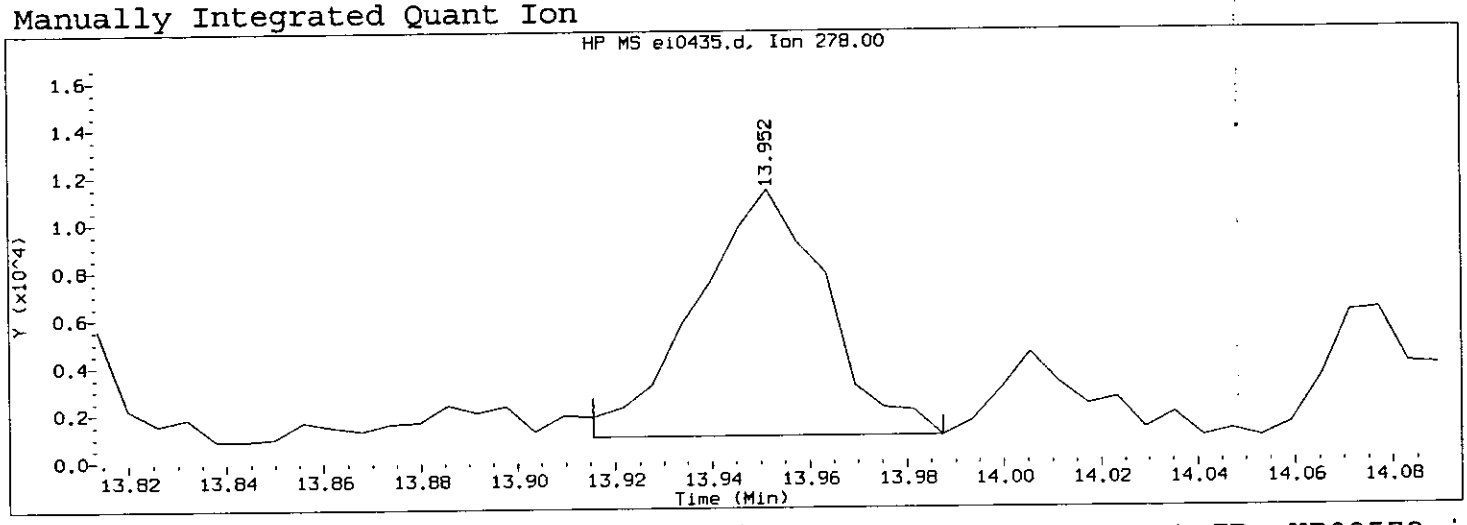
Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1993
Retention Time (minutes): 13.952
Quant Ion : 278
Area : 19044
Concentration (ng/ul) : 2.1282
Integration start scan : 1986 Integration stop scan: 1998
Y at integration start : 1056 Y at integration end: 989

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1993
Retention Time (minutes): 13.952
Quant Ion : 278
Area (flag) : 19383 M
Concentration (ng/ul) : 2.1660
Integration start scan : 1986 Integration stop scan: 1998
Y at integration start : 980 Y at integration end: 980

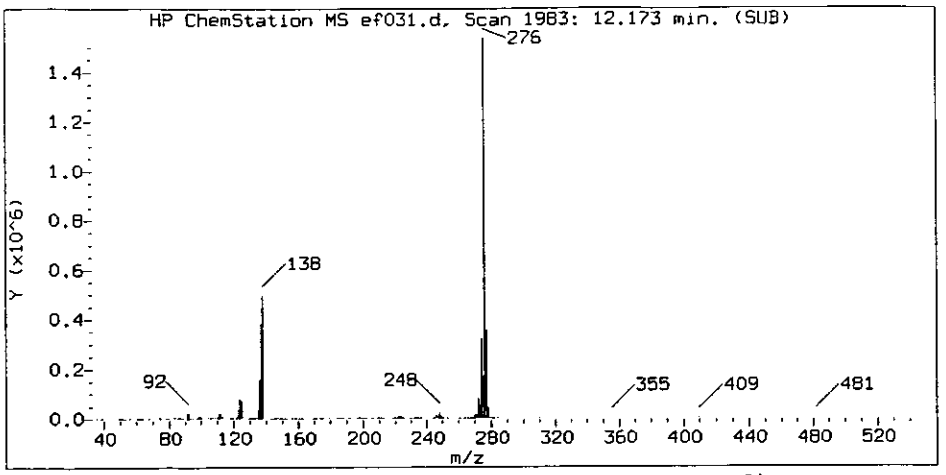
Reason for manual integration (circle one): missed peak improper integration

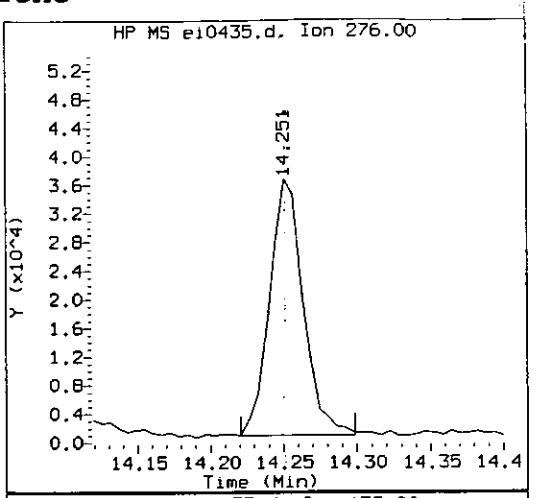
Analyst responsible for change: lmh198 09/09/08

GC/MS audit/management approval: 9/10/08

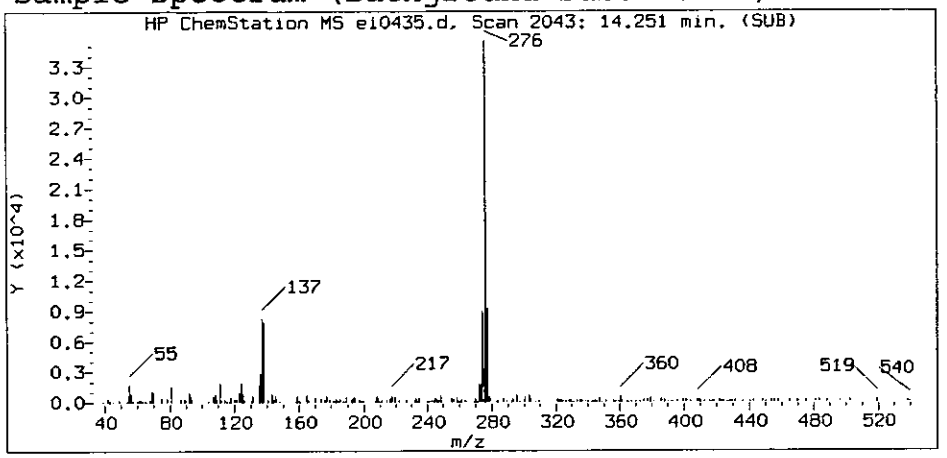
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

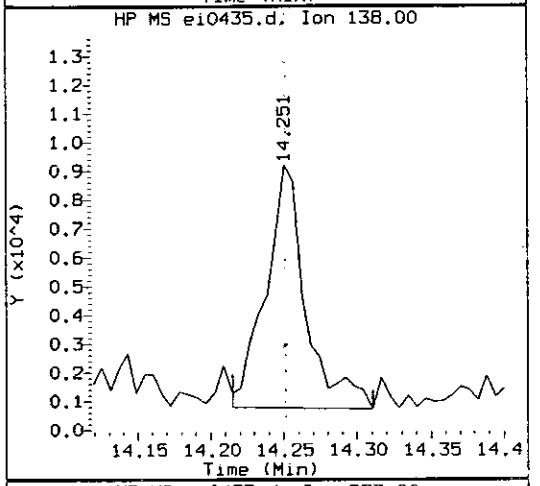
Reference Standard Spectrum for Benzo(g,h,i)perylene



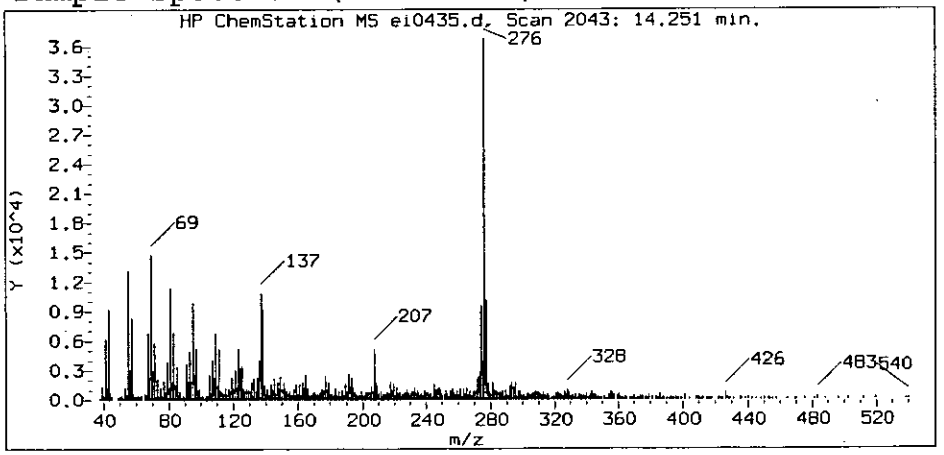


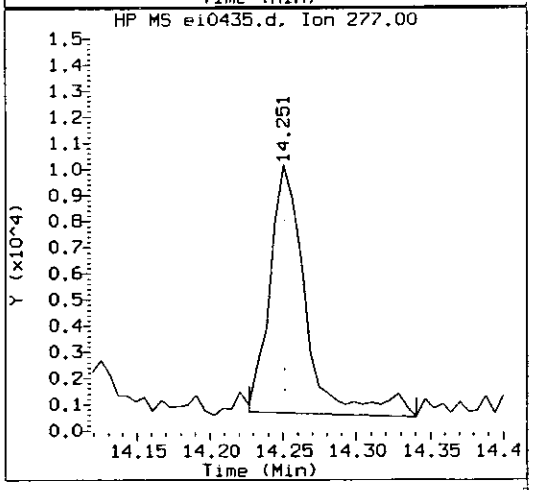
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0435.d
Injection date and time: 09-SEP-2008 19:09

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5

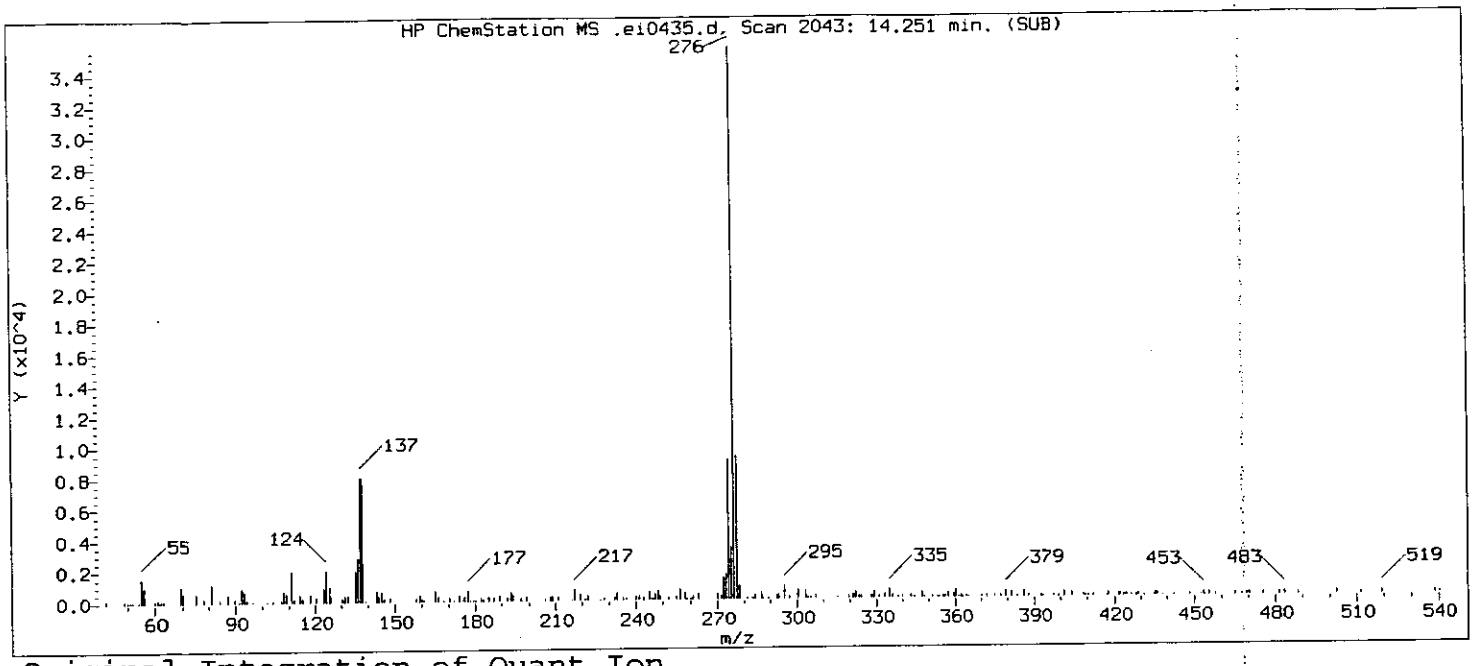
Lab Sample ID: 5454413

Compound Number	: 182
Compound Name	: Benzo(g,h,i)perylene
Scan Number	: 2043
Retention Time (minutes)	: 14.251
Quant Ion	: 276.0
Area (flag)	: 56941 M
Concentration (ng/ul)	: 5.8737

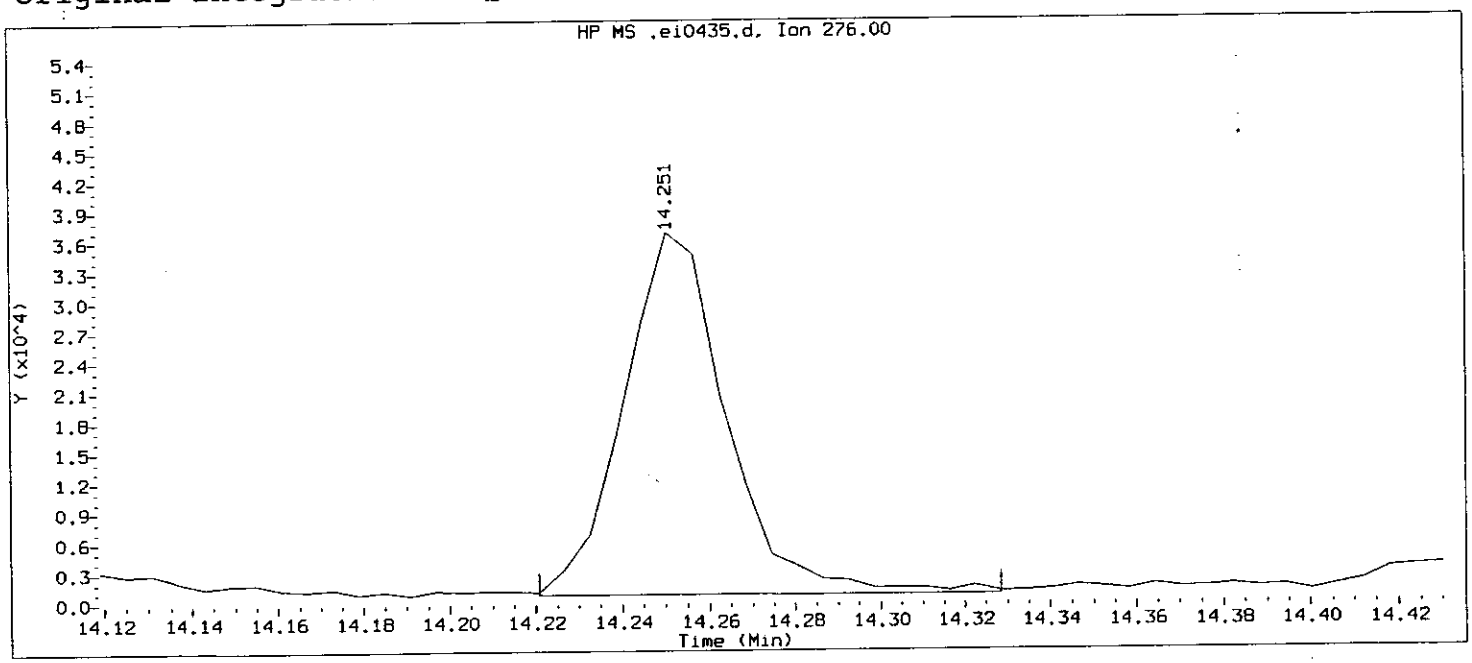
ASX04 0121

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:44

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:26 Automation

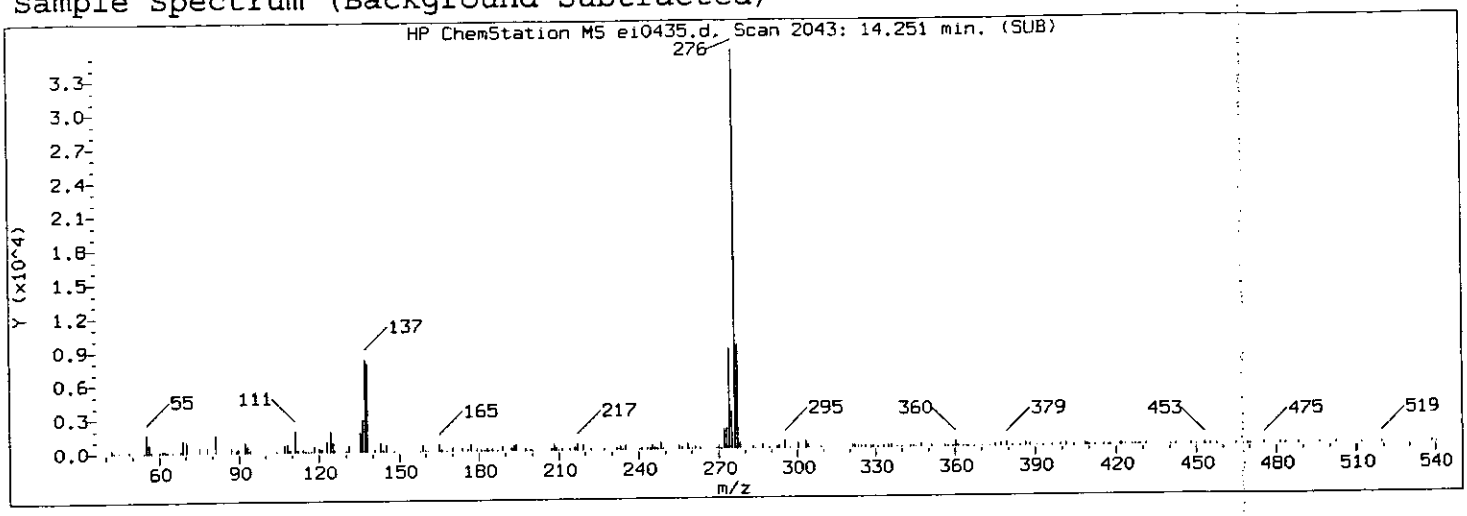
Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2043
Retention Time (minutes): 14.251
Quant Ion : 276
Area : 59151
Concentration (ng/ul) : 6.1016
Integration start scan : 2037 Integration stop scan: 2055
Y at integration start : 737 Y at integration end: 718

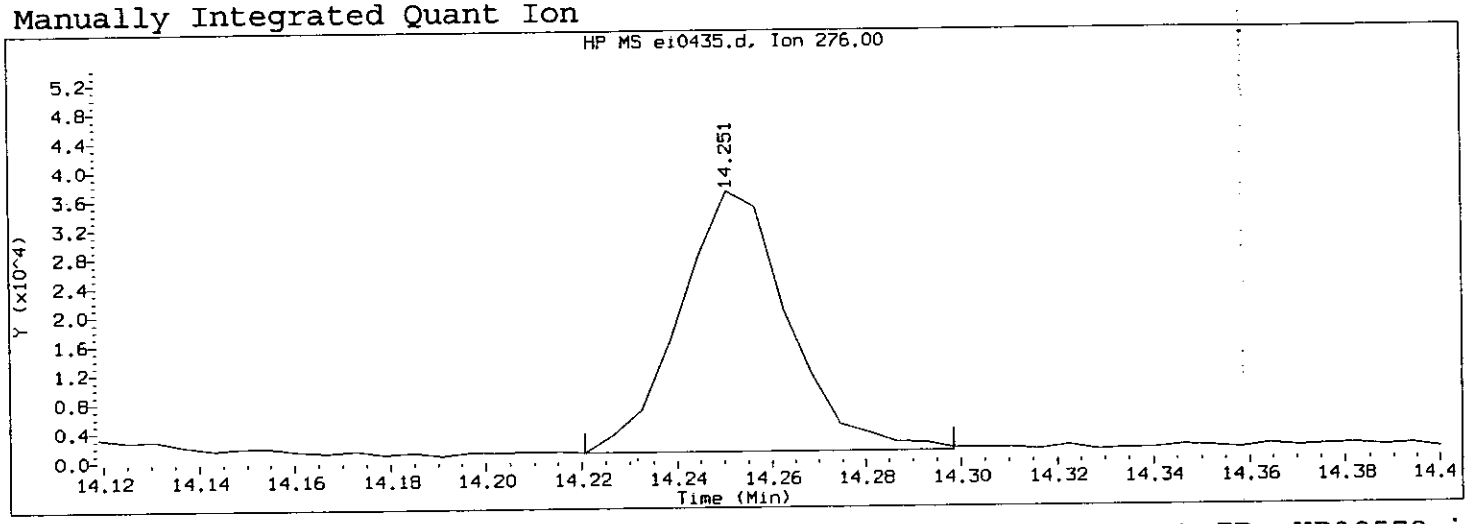
mn 195 09/09/08 ASX84 0122

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0435.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:09 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:44 lmh00956

Sample Name: AMSS5 Lab Sample ID: 5454413

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2043
Retention Time (minutes): 14.251
Quant Ion : 276
Area (flag) : 56941 M
Concentration (ng/ul) : 5.8737
Integration start scan : 2037 Integration stop scan: 2050
Y at integration start : 1003 Y at integration end: 1003

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH195 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0435.d, generated on 09/09/2008 at 20:45

AMS15

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454424

Data file: /chem/HP09572.i/08sep09.b/ei0436.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 19:32
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	80213(7)	40.00	
53) Naphthalene-d8	6.061(0.000)	674	136.0	382117(11)	40.00	
98) Acenaphthene-d10	7.527(0.000)	919	164.0	219137(2)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	350220(-10)	40.00	
168) Chrysene-d12	10.996(0.000)	1499	240.0	313499(-27)	40.00	
176) Perylene-d12	12.612(-0.006)	1769	264.0	283026(-19)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.812(-0.002)	112	572012	148.663	74%		38 - 124
15) Phenol-d6	(1)	4.667(-0.001)	99	941435	158.669	79%		41 - 120
38) Nitrobenzene-d5	(2)	5.451(0.000)	82	490973	85.902	86%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(0.000)	172	676097	89.285	89%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(0.000)	330	173396	144.003	72%		34 - 138
157) Terphenyl-d14	(5)	10.057(0.000)	244	615062	84.227	84%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)			Below MDL,	Do not report				1.00
19) 2-Chlorophenol	(1)			Below MDL,	Do not report				1.00
20) 1,3-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
22) 1,4-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
25) 1,2-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)			Below MDL,	Do not report				1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
43) 2-Nitrophenol	(2)			Below MDL,	Do not report				1.00
45) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				2.00
47) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
50) 2,4-Dichlorophenol	(2)			Below MDL,	Do not report				1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(0.000)	180	3664	1.304	43.46			1.00
54) Naphthalene	(2)	6.079(0.000)	128	78366	7.552	251.74			1.00
56) 4-Chloroaniline	(2)			Below MDL,	Do not report				2.00
60) Hexachlorobutadiene	(2)				ND	ND			2.00
68) 4-Chloro-3-methylphenol	(2)			Below MDL,	Do not report				2.00

ASX04 8124

AMS15

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454424

Data file: /chem/HP09572.i/08sep09.b/ei0436.d Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 19:32 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	90591	13.124	437.45			1.00
72) Hexachlorocyclopentadiene	(3)			Below MDL, Do not report					5.00
75) 2,4,6-Trichlorophenol	(3)			Below MDL, Do not report					1.00
77) 2,4,5-Trichlorophenol	(3)			Below MDL, Do not report					2.00
84) 2-Chloronaphthalene	(3)			Below MDL, Do not report					1.00
89) 2-Nitroaniline	(3)			Below MDL, Do not report					1.00
92) Dimethylphthalate	(3)			Below MDL, Do not report					2.00
94) 2,6-Dinitrotoluene	(3)			Below MDL, Do not report					1.00
95) Acenaphthylene	(3)	7.407(0.001)	152	42566	4.211	140.36			1.00
97) 3-Nitroaniline	(3)			Below MDL, Do not report					2.00
99) Acenaphthene	(3)			Below MDL, Do not report					1.00
100) 2,4-Dinitrophenol	(3)			Below MDL, Do not report					20.00
103) 4-Nitrophenol	(3)			Below MDL, Do not report					5.00
104) Dibenzofuran	(3)	7.694(0.000)	168	37756	3.956	131.88			1.00
105) 2,4-Dinitrotoluene	(3)			Below MDL, Do not report					2.00
109) Diethylphthalate	(3)			Below MDL, Do not report					2.00
111) Fluorene	(3)			Below MDL, Do not report					1.00
112) 4-Chlorophenyl-phenylether	(3)			Below MDL, Do not report					1.00
114) 4-Nitroaniline	(3)			Below MDL, Do not report					2.00
115) 4,6-Dinitro-2-methylphenol	(4)			Below MDL, Do not report					5.00
117) N-Nitrosodiphenylamine	(4)				ND	ND			1.00
126) 4-Bromophenyl-phenylether	(4)			Below MDL, Do not report					1.00
128) Hexachlorobenzene	(4)			Below MDL, Do not report					1.00
132) Pentachlorophenol	(4)			Below MDL, Do not report					5.00
138) Phenanthrene	(4)	8.765(0.001)	178	119600	12.991	433.03			1.00
139) Anthracene	(4)	8.807(0.001)	178	51328	5.223	174.11			1.00
141) Carbazole	(4)	8.945(0.000)	167	22991	2.360	78.68			1.00
143) Di-n-butylphthalate	(4)			Below MDL, Do not report					2.00
148) Fluoranthene	(4)	9.740(0.000)	202	122106	11.265	375.50			1.00
155) Pyrene	(5)	9.926(0.001)	202	105322	11.319	377.31			1.00
162) Butylbenzylphthalate	(5)			Below MDL, Do not report					2.00
165) 3,3'-Dichlorobenzidine	(5)			Below MDL, Do not report					3.00
167) Benzo(a)anthracene	(5)	10.984(0.001)	228	77642	8.579	285.98			1.00
169) Chrysene	(5)	11.020(0.001)	228	150282	17.403	580.11			1.00
170) bis(2-Ethylhexyl)phthalate	(5)			Below MDL, Do not report					2.00
171) Di-n-octylphthalate	(6)			Below MDL, Do not report					2.00
173) Benzo(b)fluoranthene	(6)	12.157(0.001)	252	291273	28.138	937.92			1.00
174) Benzo(k)fluoranthene	(6)	12.181(0.001)	252	96199	8.921	297.37			1.00
175) Benzo(a)pyrene	(6)	12.540(0.001)	252	80576	8.594	286.47			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.928(0.001)	276	94121	8.387	279.55			1.00
181) Dibenz(a,h)anthracene	(6)	13.952(0.002)	278	25958	2.974	99.14			1.00

ASX84 8125

AMS15

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454424

Data file: /chem/HP09572.i/08sep09.b/ei0436.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 19:32
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.257	(0.001)	276	83837	8.867	295.56			1.00

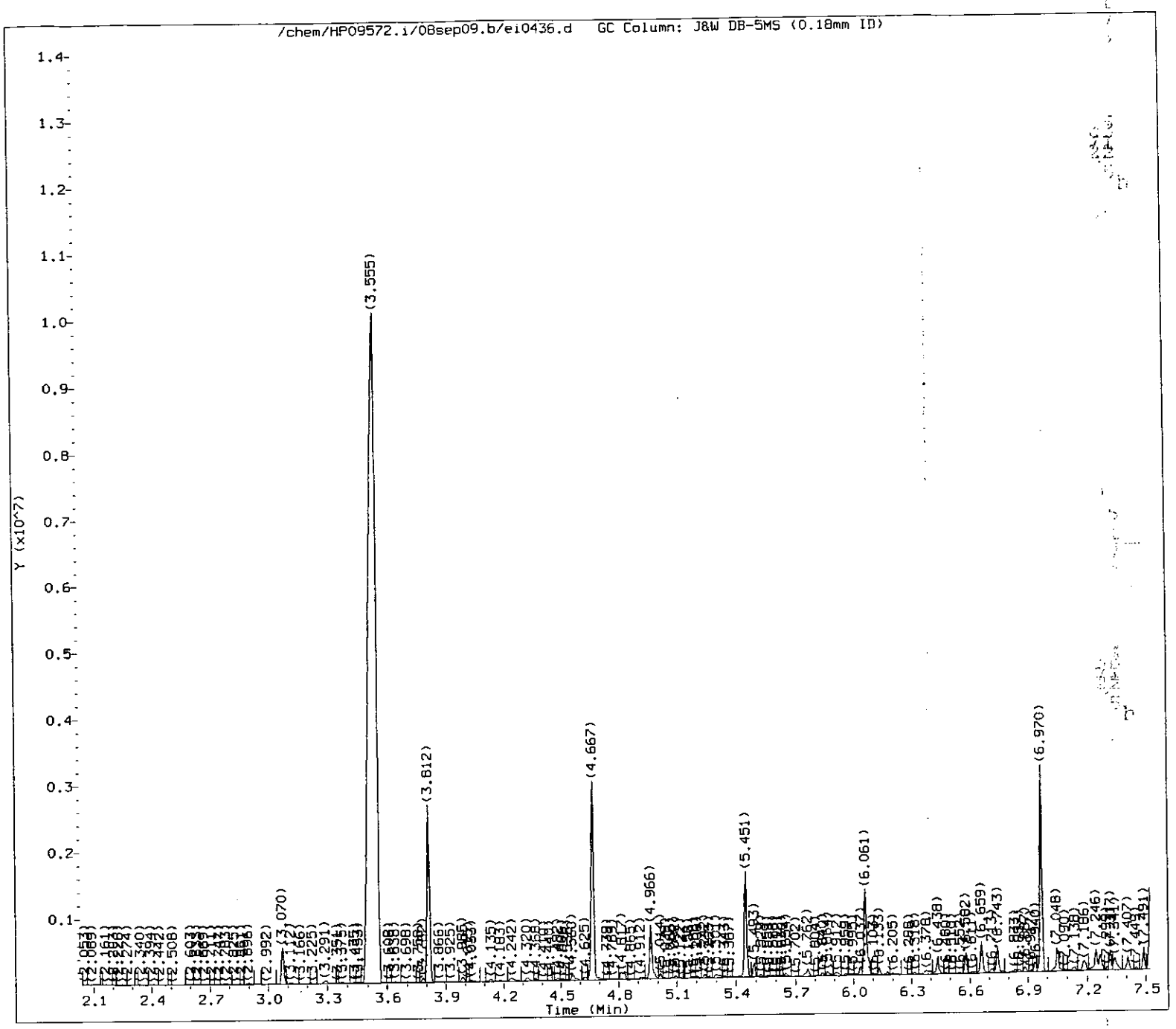
E = CONC. OUT OF CAL. RANGE
# = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX84 0126



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

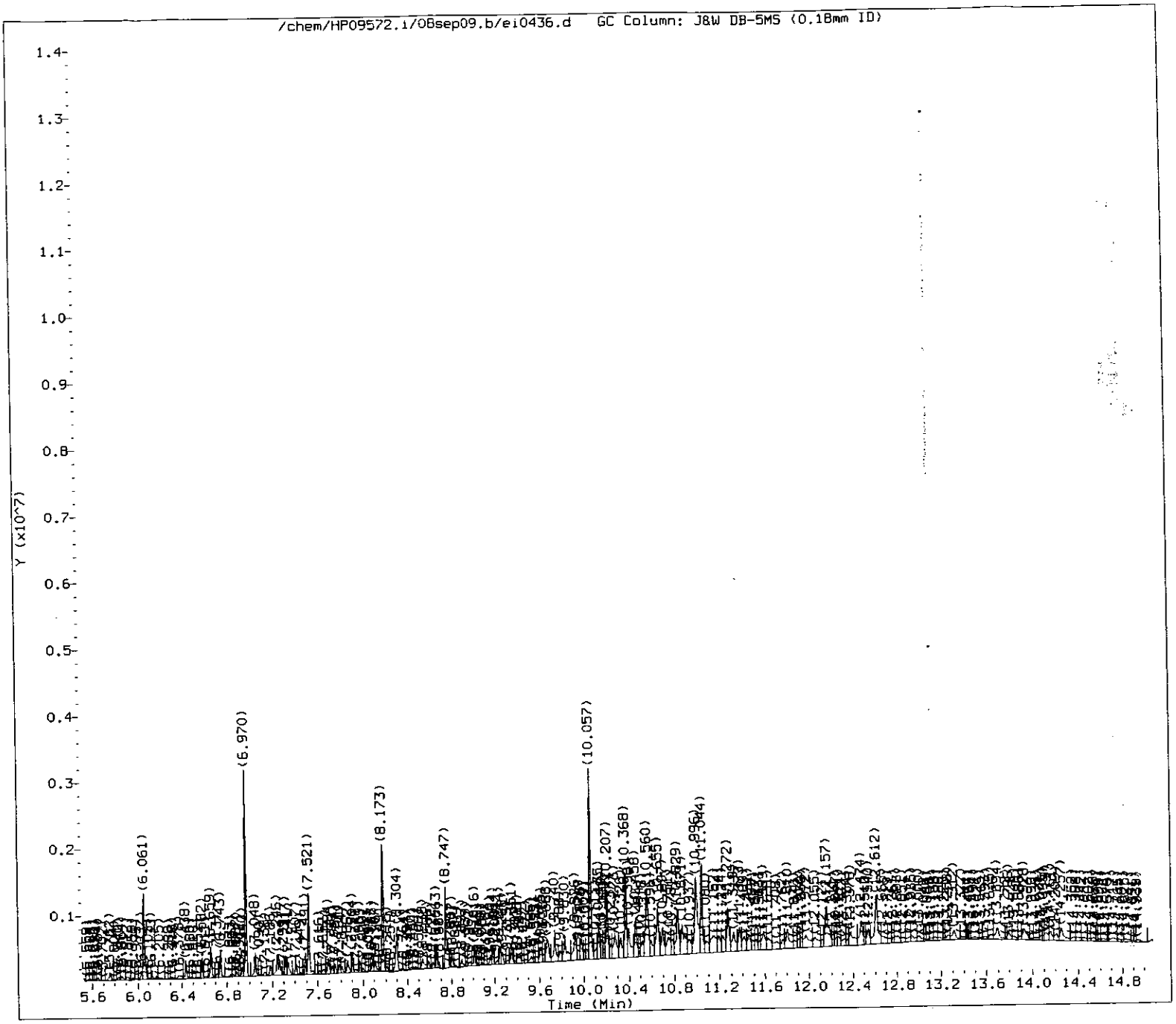
Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Sample Name: AMS15

Lab Sample ID: 5454424

ASX84 8127

LMM198 09109103



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Sublist used: STC8

Sample Name: AMS15

Lab Sample ID: 5454424

ASX04 8128

mm19889109108

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:59 lmh00956

Sample Name: AMS15

Lab Sample ID: 5454424

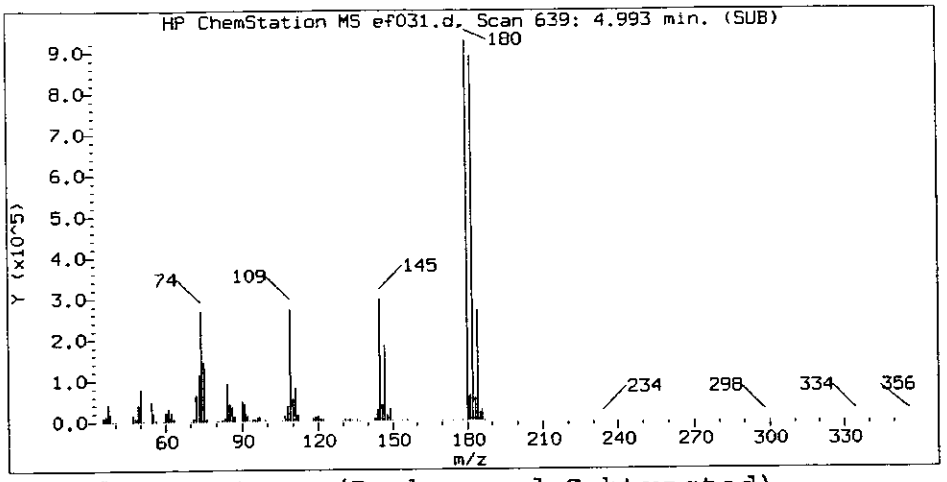
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	80213	40.0000
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	3664	1.3038
53) Naphthalene-d8	(2)	6.061	136	382117	40.0000
54) Naphthalene	(2)	6.079	128	78366M	7.5522
70) 2-Methylnaphthalene	(2)	6.659	142	90591	13.1235
95) Acenaphthylene	(3)	7.407	152	42566M	4.2108
98) Acenaphthene-d10	(3)	7.527	164	219137	40.0000
104) Dibenzofuran	(3)	7.694	168	37756M	3.9565
136) Phenanthrene-d10	(4)	8.747	188	350220	40.0000
138) Phenanthrene	(4)	8.765	178	119600M	12.9908
139) Anthracene	(4)	8.807	178	51328M	5.2232
141) Carbazole	(4)	8.945	167	22991	2.3605
148) Fluoranthene	(4)	9.740	202	122106	11.2651
155) Pyrene	(5)	9.926	202	105322M	11.3192
167) Benzo(a)anthracene	(5)	10.984	228	77642	8.5794
168) Chrysene-d12	(5)	10.996	240	313499	40.0000
169) Chrysene	(5)	11.020	228	150282	17.4032
173) Benzo(b)fluoranthene	(6)	12.157	252	291273M	28.1378
174) Benzo(k)fluoranthene	(6)	12.181	252	96199M	8.9211
175) Benzo(a)pyrene	(6)	12.540	252	80576	8.5941
176) Perylene-d12	(6)	12.612	264	283026	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.928	276	94121M	8.3865
181) Dibenz(a,h)anthracene	(6)	13.952	278	25958M	2.9741
182) Benzo(g,h,i)perylene	(6)	14.257	276	83837M	8.8667
9) 2-Fluorophenol	(1)	3.812	112	572012	148.6632
15) Phenol-d6	(1)	4.667	99	941435	158.6691
38) Nitrobenzene-d5	(2)	5.451	82	490973	85.9018
78) 2-Fluorobiphenyl	(3)	6.970	172	676097	89.2853
119) 2,4,6-Tribromophenol	(3)	8.179	330	173396	144.0035
157) Terphenyl-d14	(5)	10.057	244	615062	84.2271

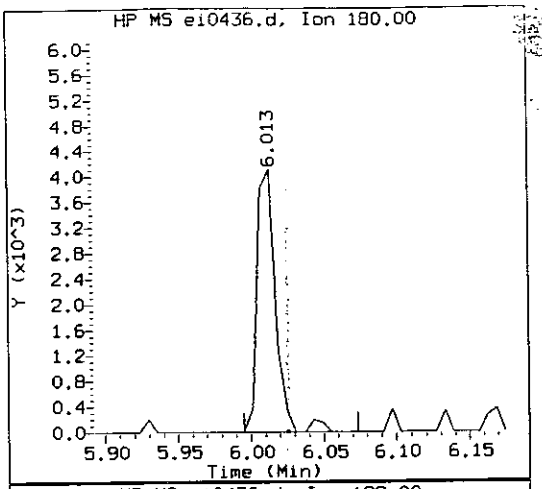
M = Compound was manually integrated.

A = User selected an alternate hit

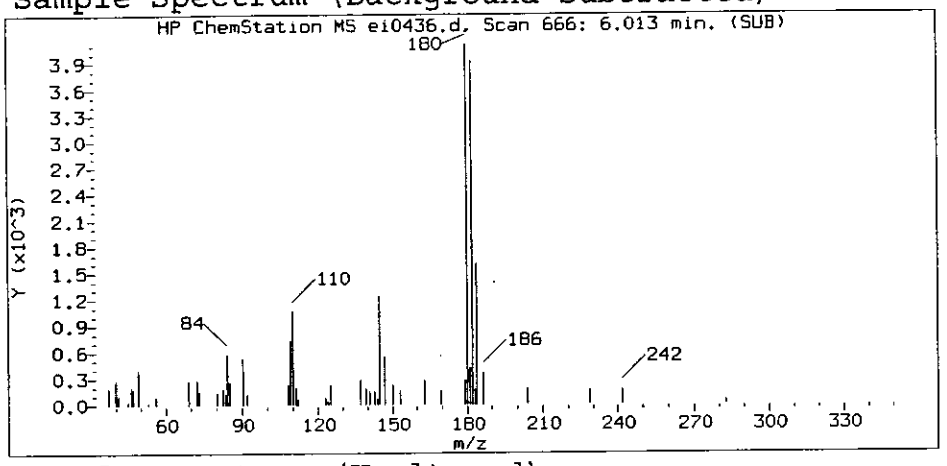
ASX04 0129

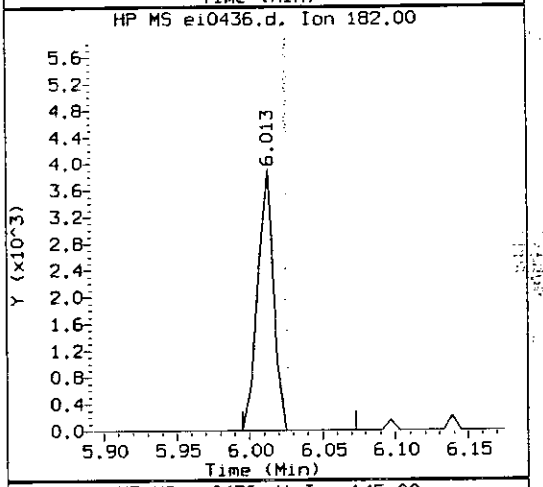
Reference Standard Spectrum for 1,2,4-Trichlorobenzene



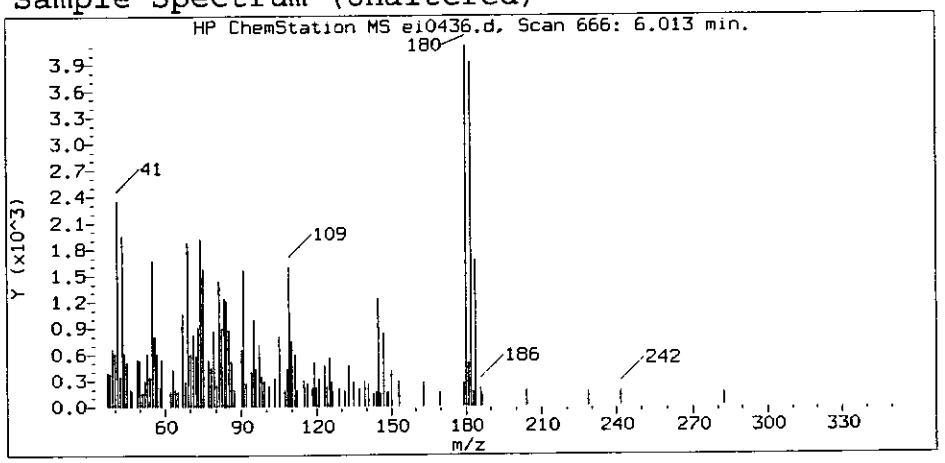


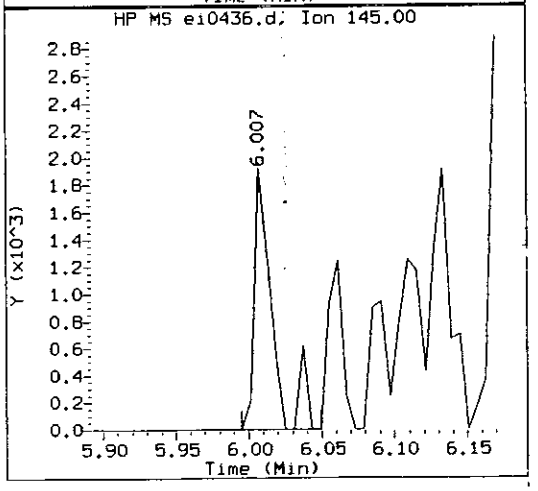
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

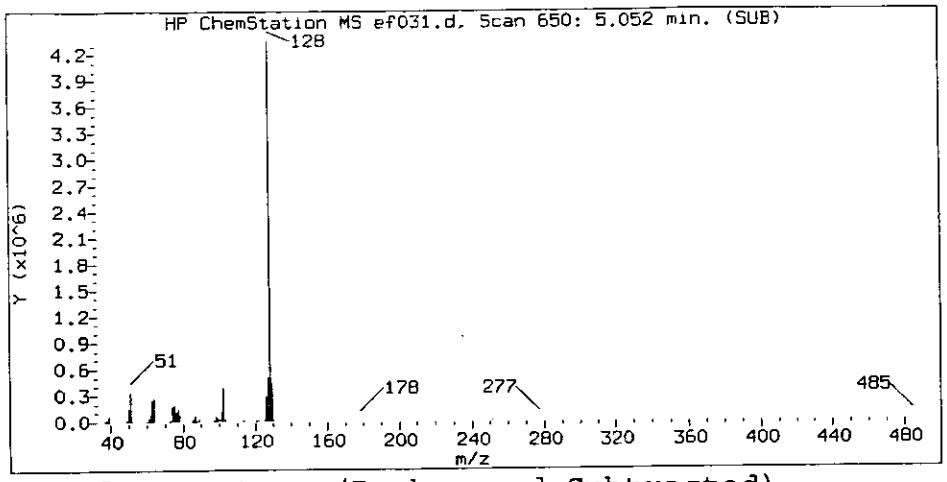
Sample Name: AMS15

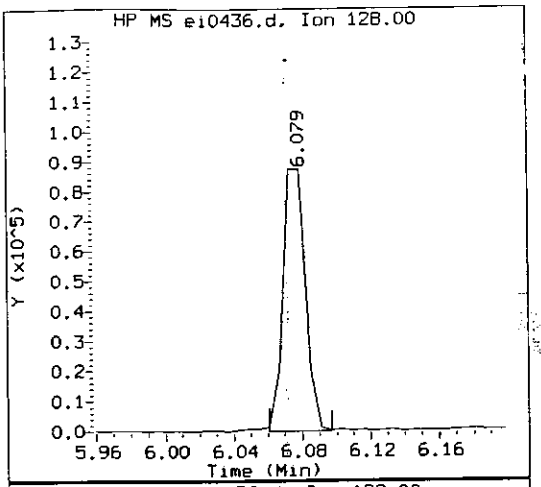
Lab Sample ID: 5454424

Compound Number	: 51
Compound Name	: 1,2,4-Trichlorobenzene
Scan Number	: 666
Retention Time (minutes)	: 6.013
Quant Ion	: 180.0
Area (flag)	: 3664
Concentration (ng/ul)	: 1.3038

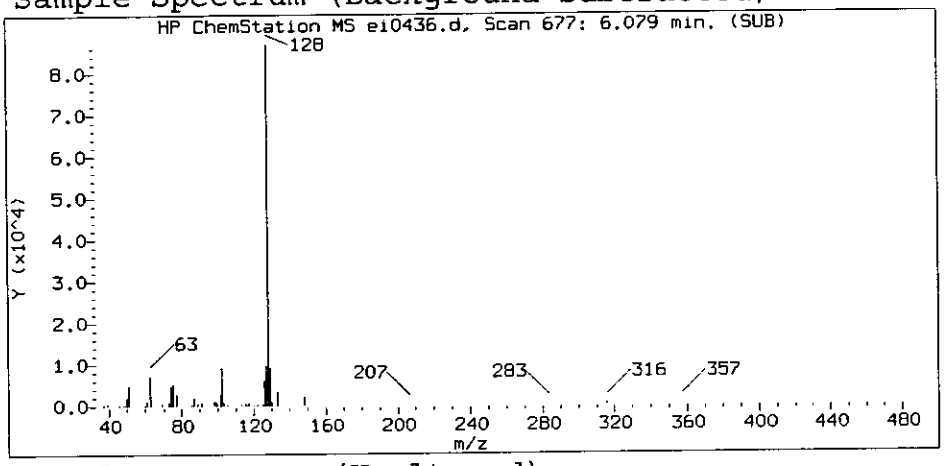
ASX84 0138

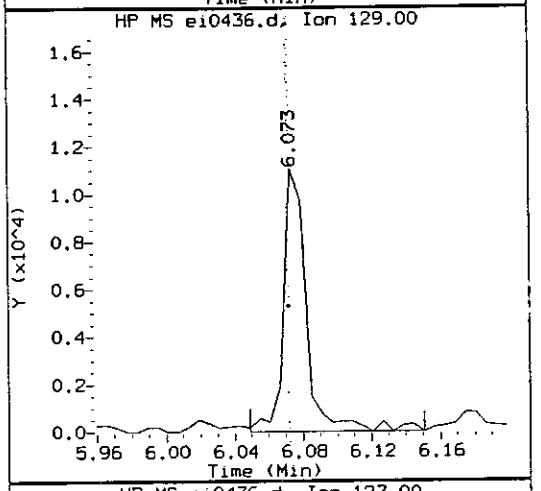
Reference Standard Spectrum for Naphthalene



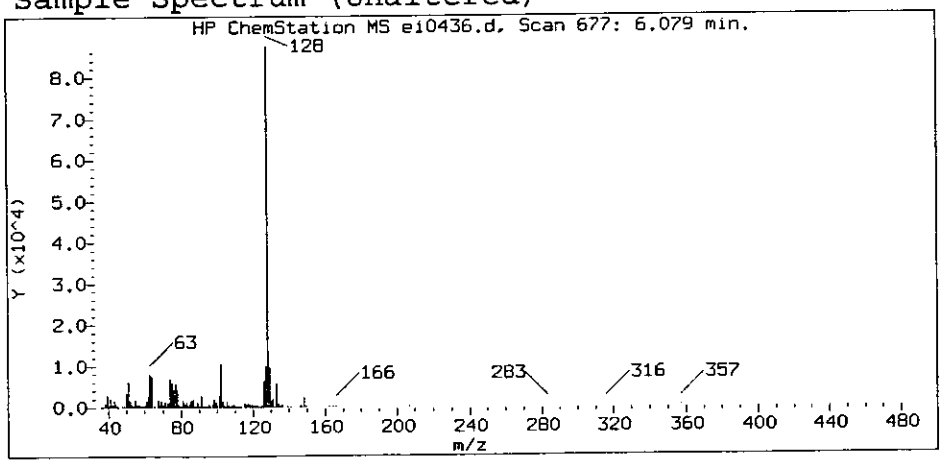


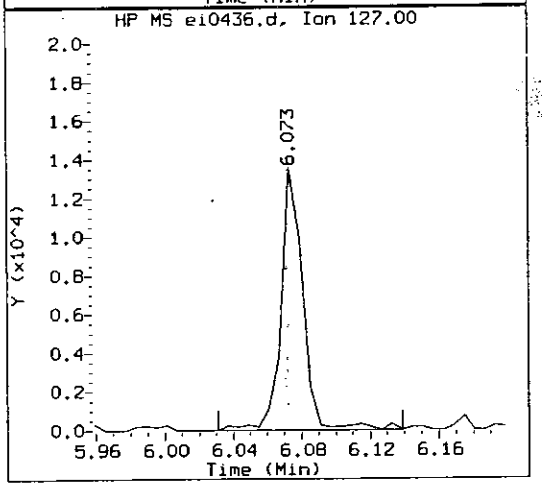
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

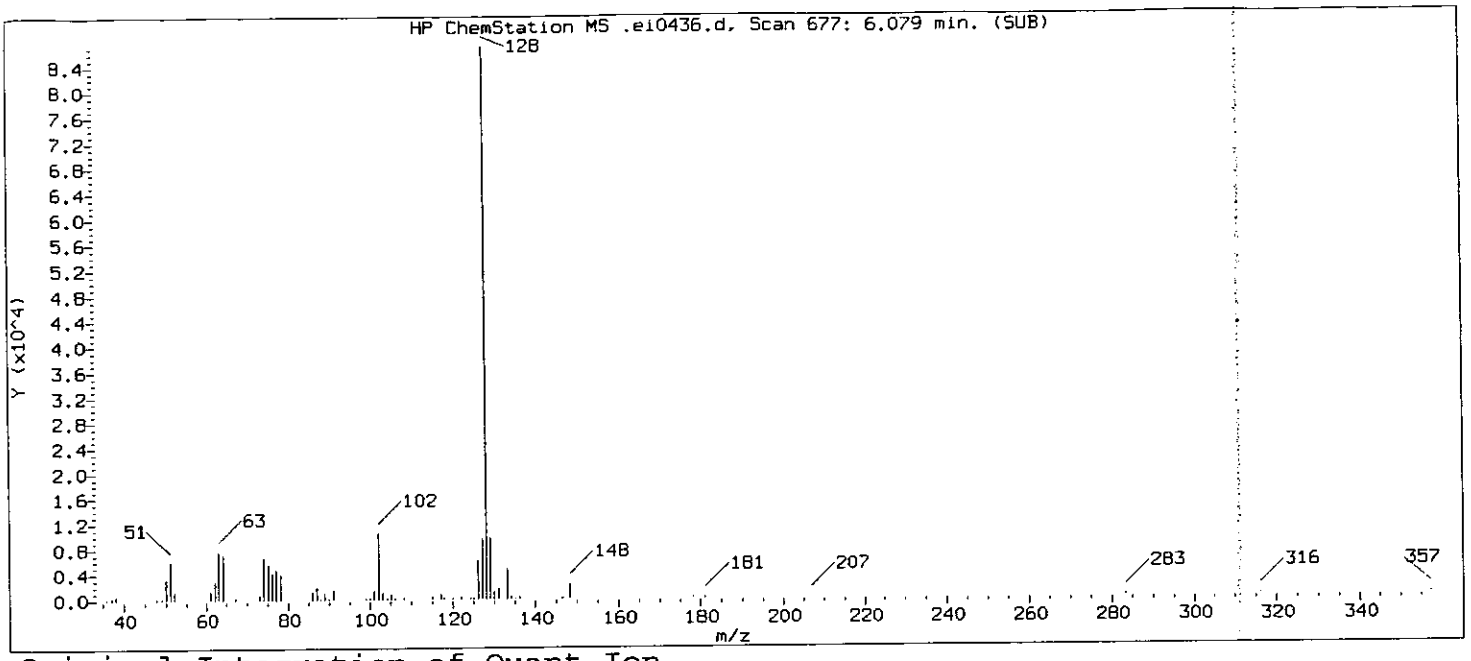
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

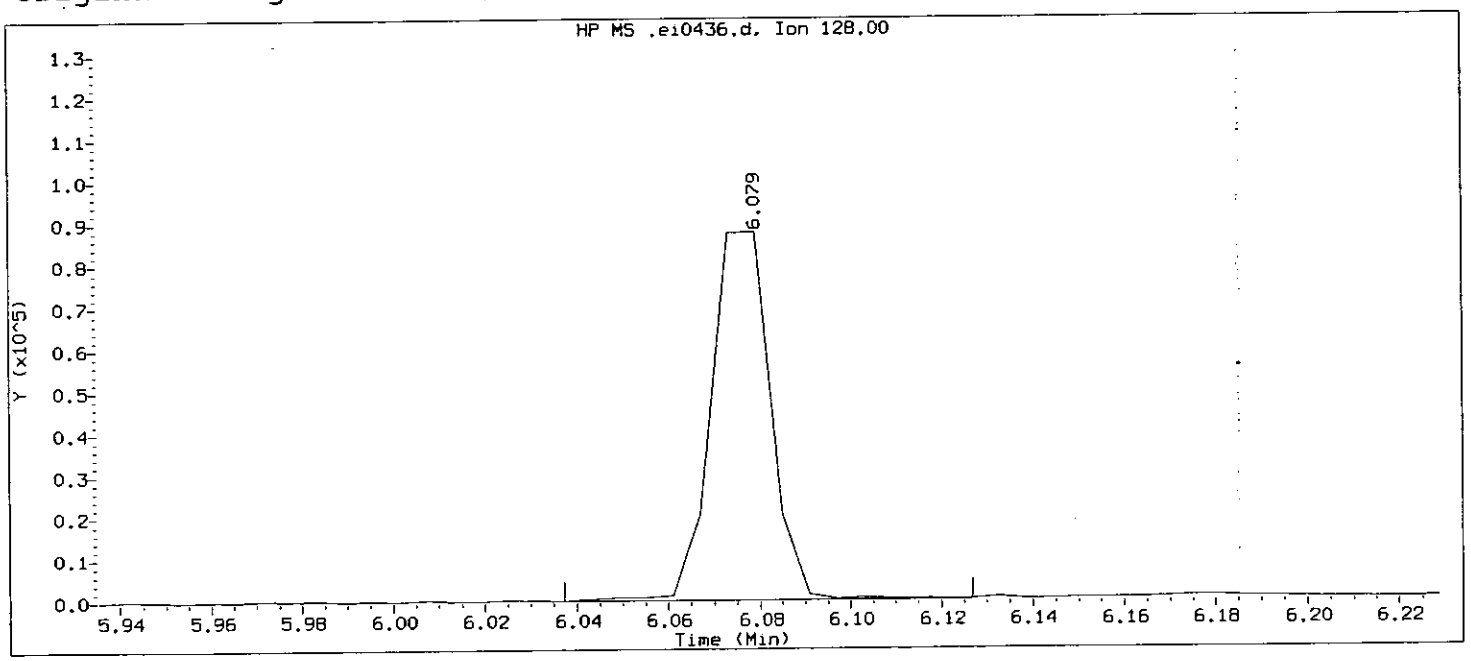
Lab Sample ID: 5454424

Compound Number : 54
Compound Name : Naphthalene
Scan Number : 677
Retention Time (minutes): 6.079
Quant Ion : 128.0
Area (flag) : 78366 M
Concentration (ng/ul) : 7.5522

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

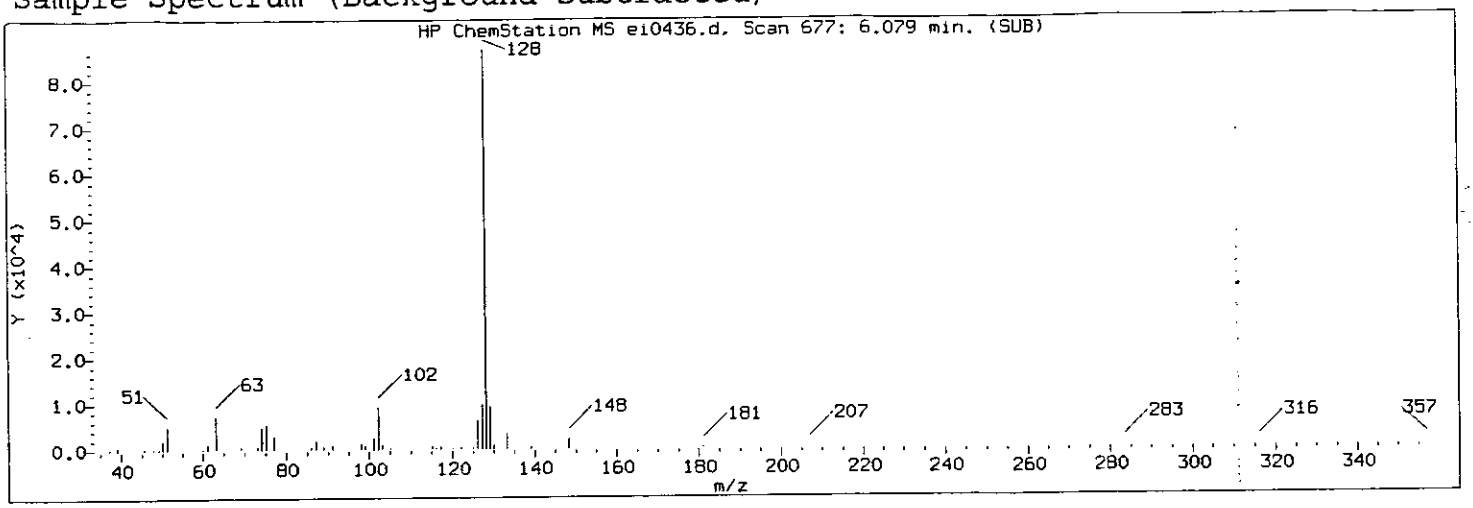
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

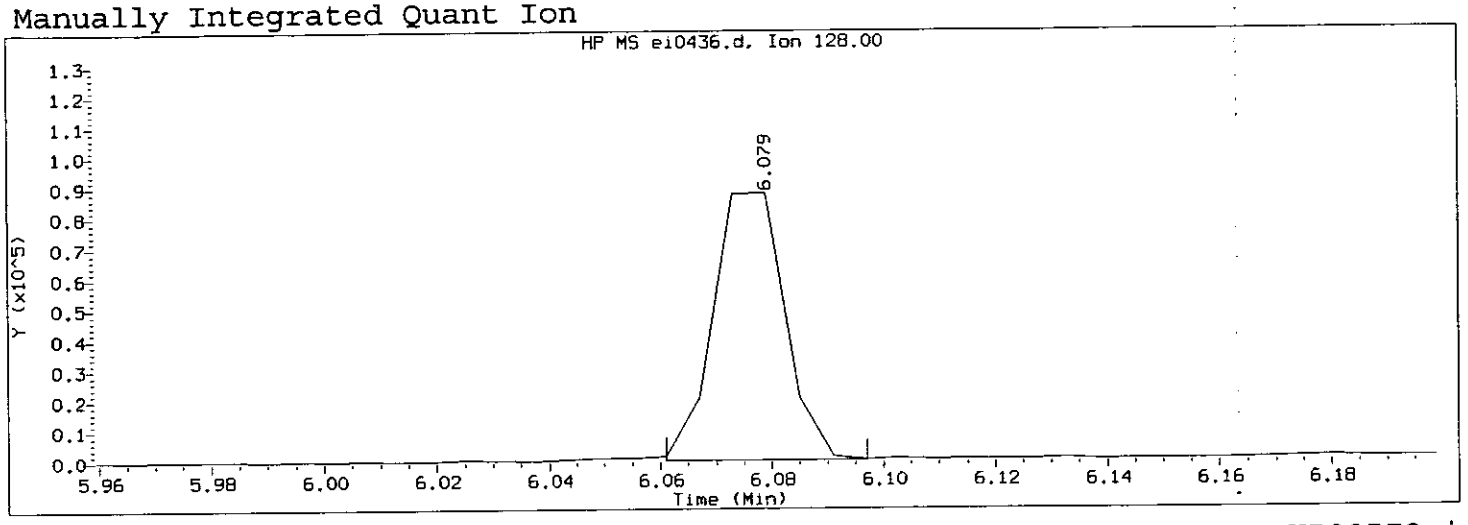
Compound Number : 54
Compound Name : Naphthalene
Scan Number : 677
Retention Time (minutes): 6.079
Quant Ion : 128
Area : 79889
Concentration (ng/ul) : 7.6990
Integration start scan : 669 Integration stop scan: 684
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

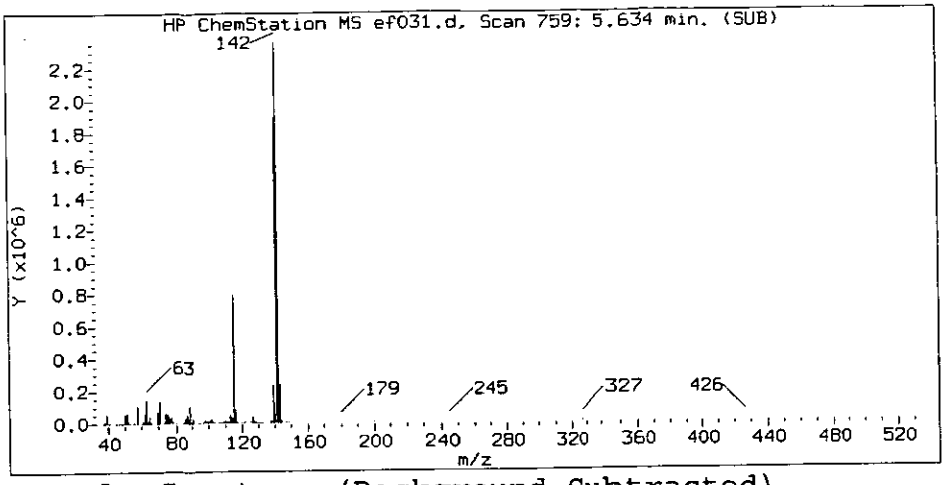
Compound Number : 54
Compound Name : Naphthalene
Scan Number : 677
Retention Time (minutes): 6.079
Quant Ion : 128
Area (flag) : 78366 M
Concentration (ng/ul) : 7.5522
Integration start scan : 673 Integration stop scan: 679
Y at integration start : 84 Y at integration end: 84

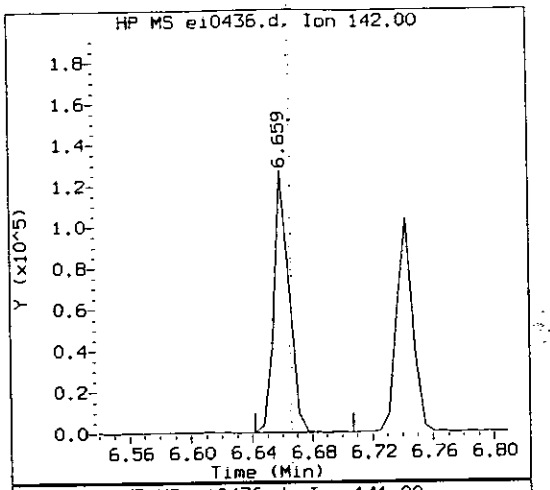
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH1956 09/09/08

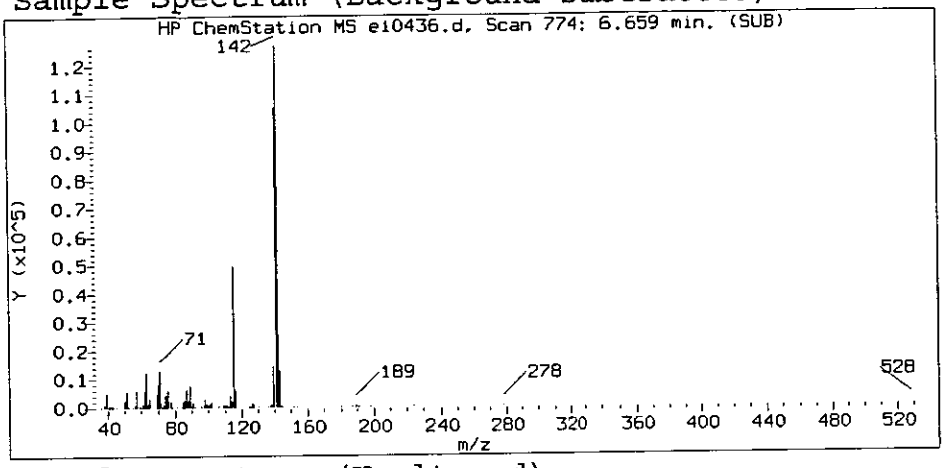
GC/MS audit/management approval: 9/10/08

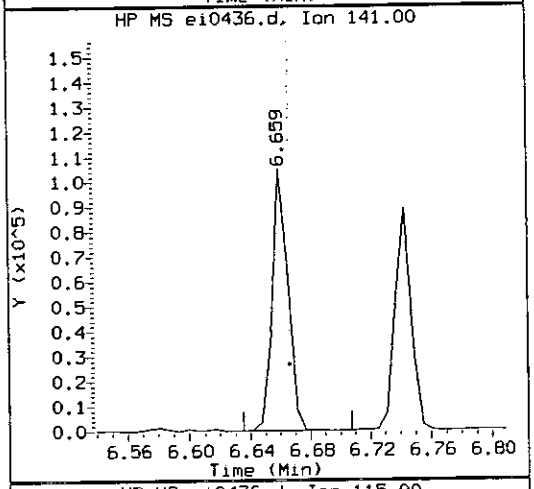
Reference Standard Spectrum for 2-Methylnaphthalene



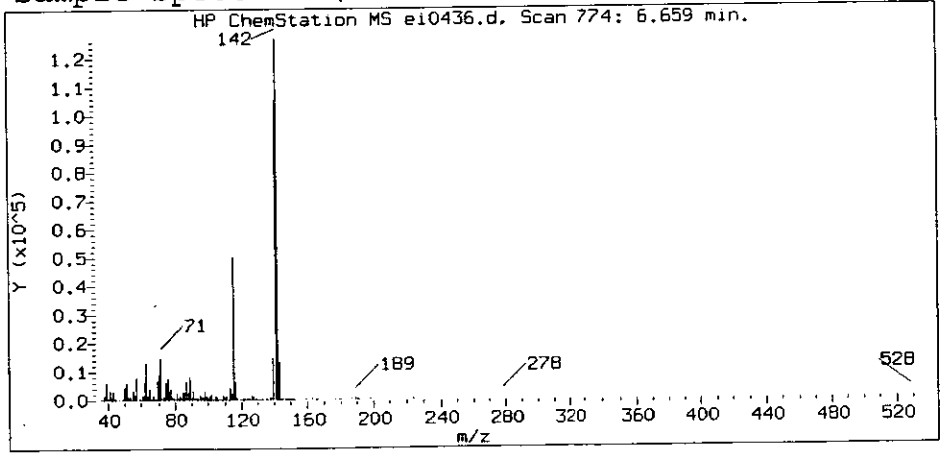


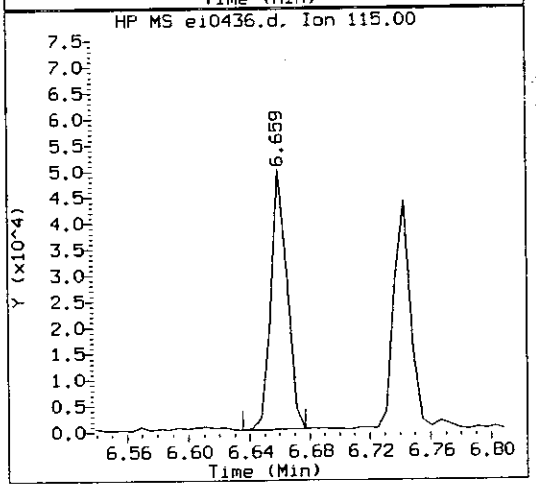
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

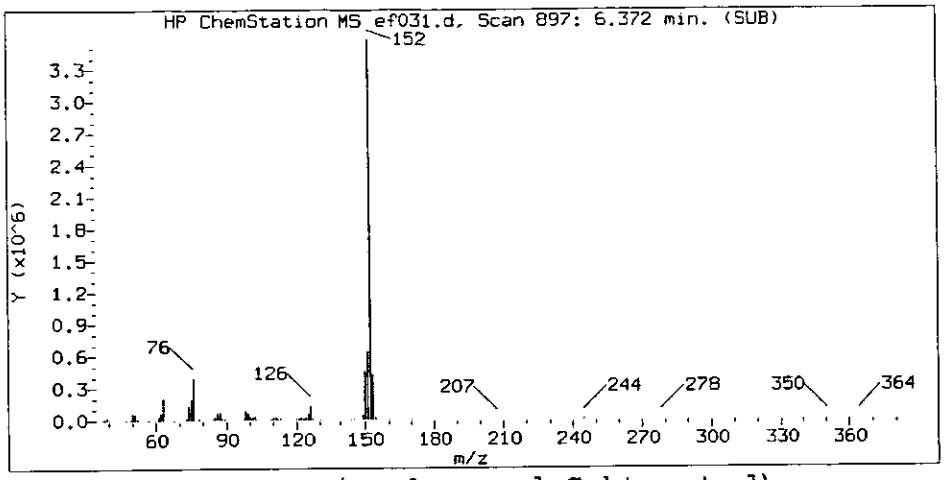
Sample Name: AMS15

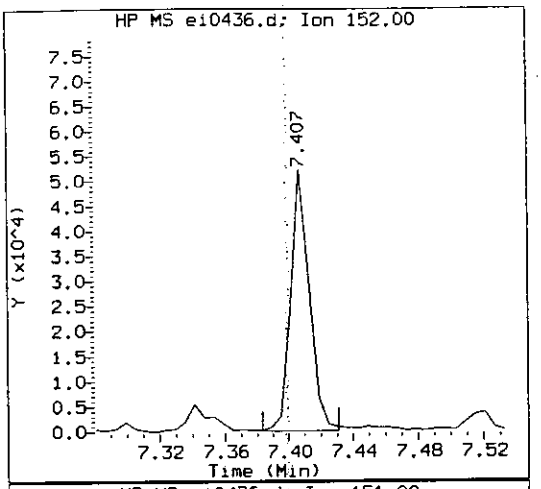
Lab Sample ID: 5454424

Compound Number : 70
Compound Name : 2-Methylnaphthalene
Scan Number : 774
Retention Time (minutes): 6.659
Quant Ion : 142.0
Area (flag) : 90591
Concentration (ng/ul) : 13.1235

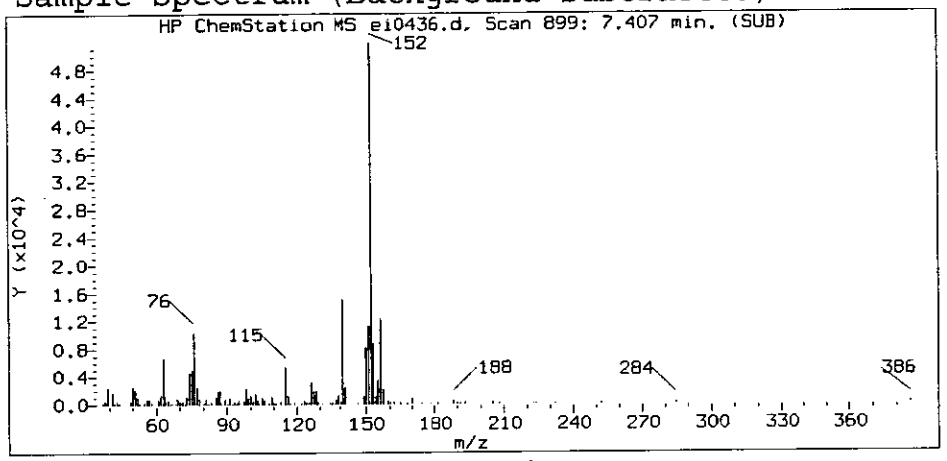
ASX84 8134

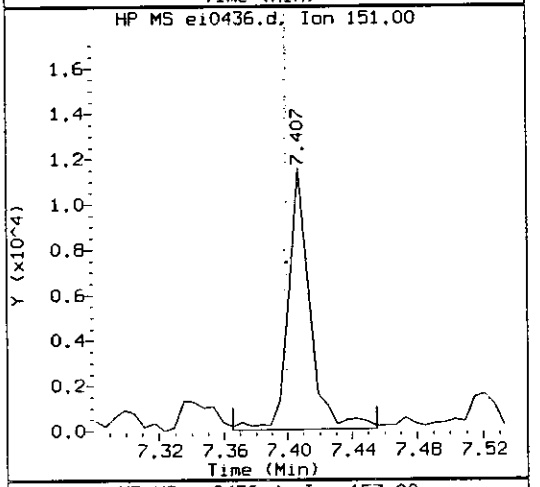
Reference Standard Spectrum for Acenaphthylene



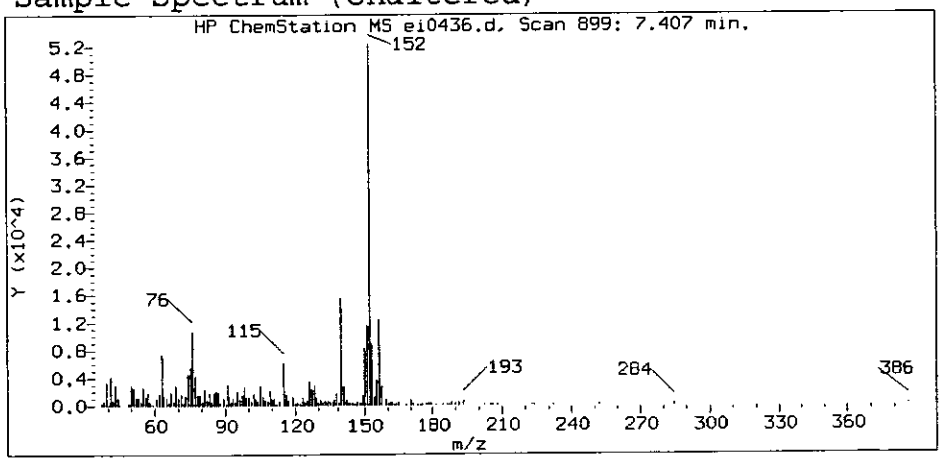


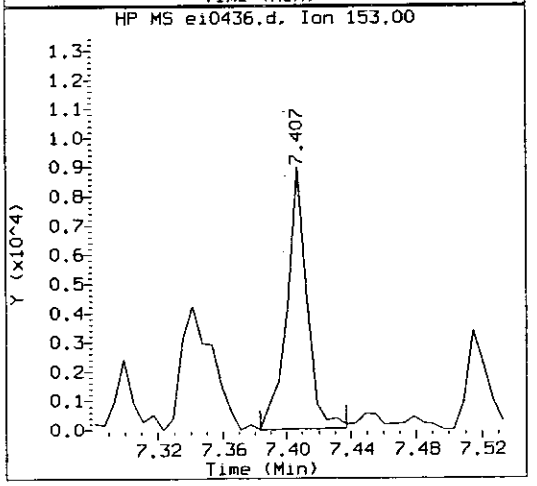
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

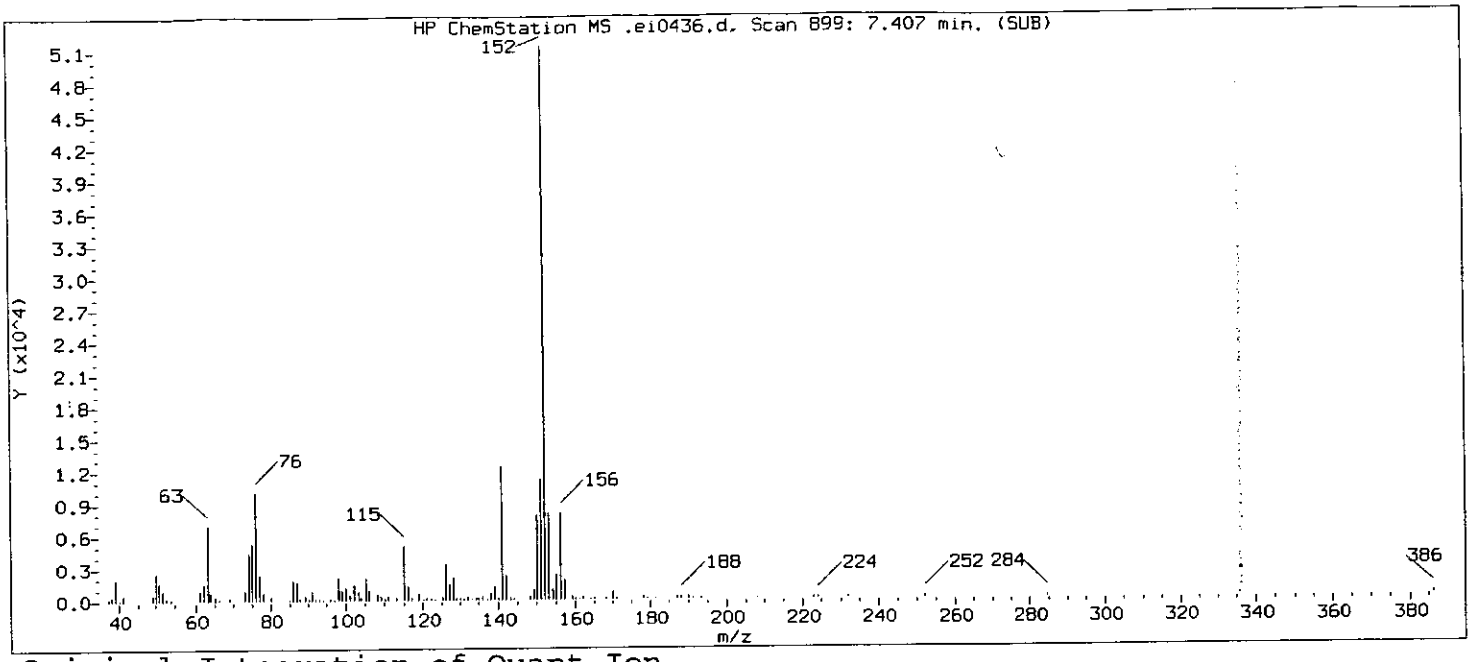
Lab Sample ID: 5454424

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152.0
Area (flag) : 42566 M
Concentration (ng/ul) : 4.2109

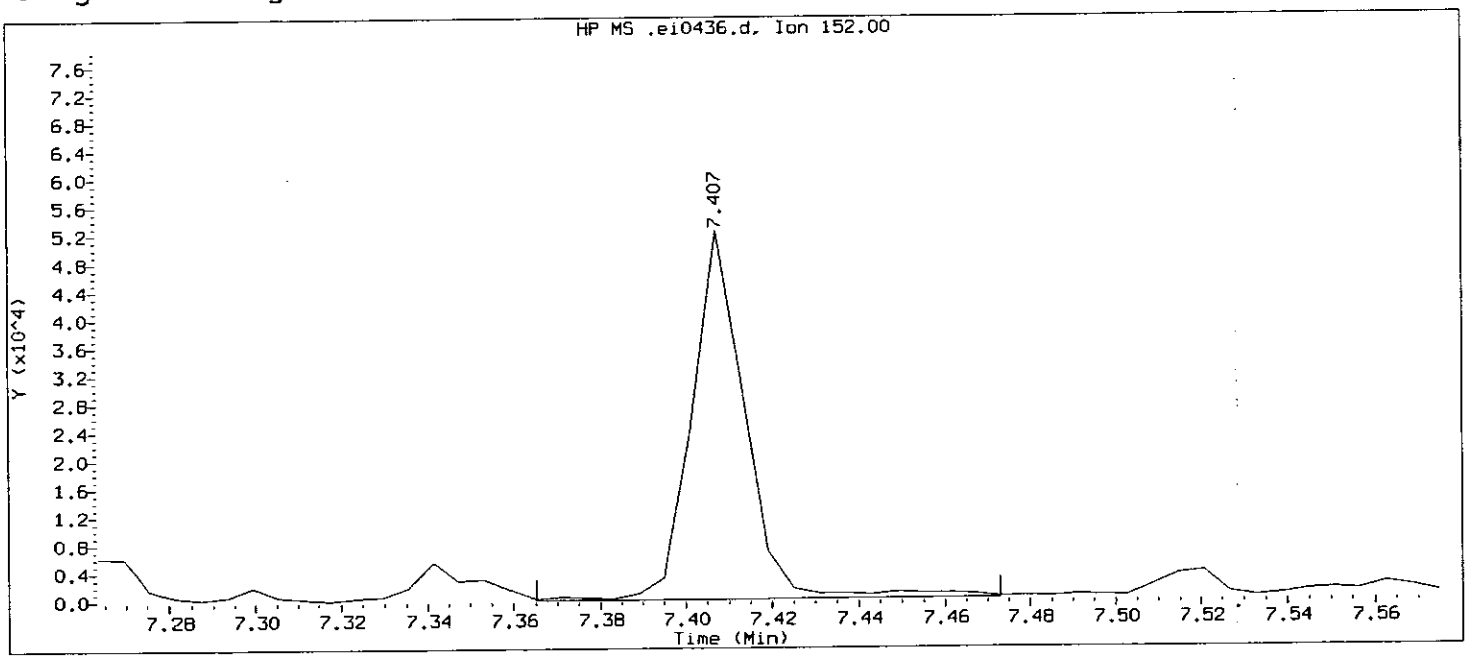
ASX04 0135

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

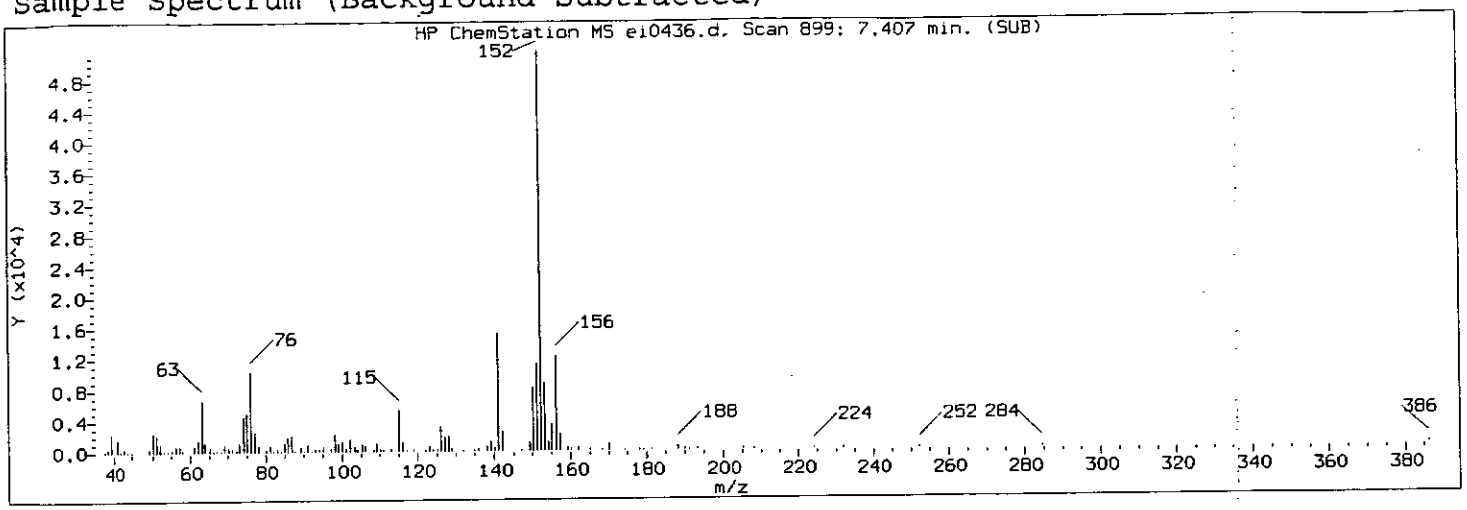
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area : 44592
Concentration (ng/ul) : 4.4113
Integration start scan : 891 Integration stop scan: 909
Y at integration start : 40 Y at integration end: 85

MM198 09/09/08

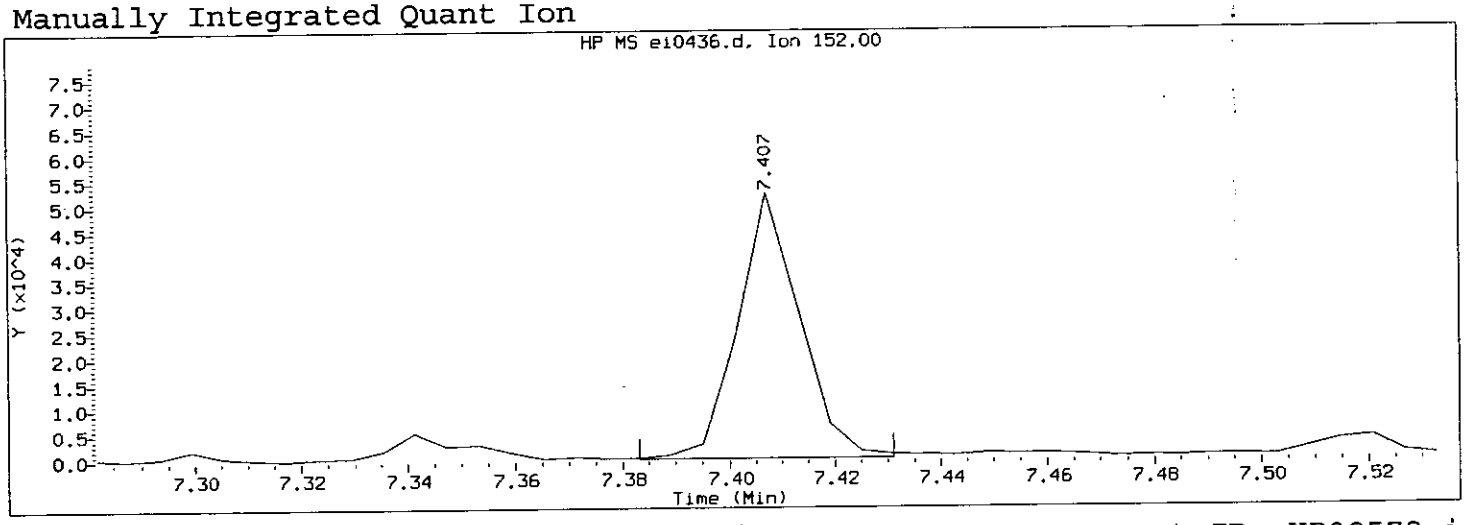
ASX04 8136

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes) : 7.407
Quant Ion : 152
Area (flag) : 42566 M
Concentration (ng/ul) : 4.2109
Integration start scan : 894 Integration stop scan: 902
Y at integration start : 136 Y at integration end: 136

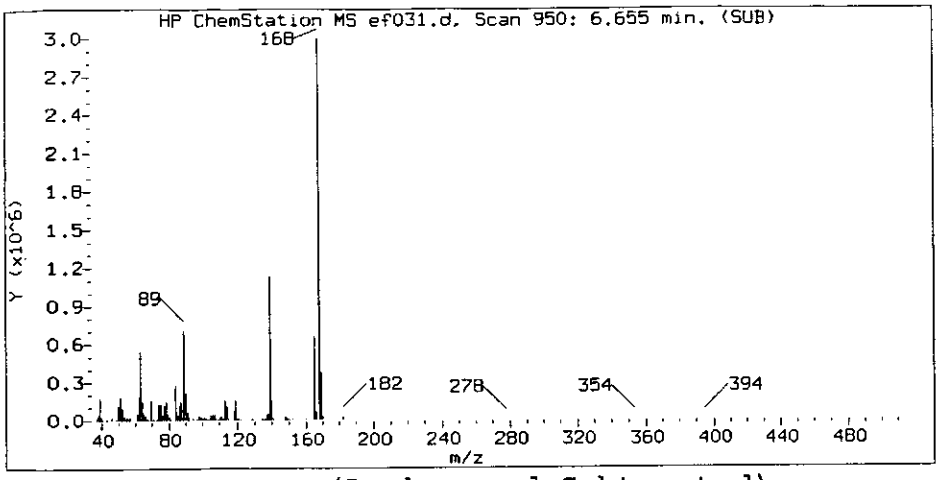
Reason for manual integration (circle one): missed peak improper integration

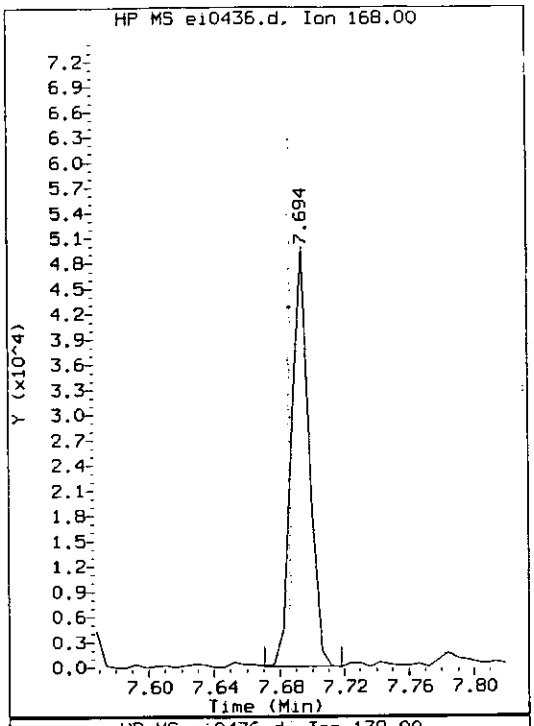
Analyst responsible for change: LMH 09/08/08

GC/MS audit/management approval: 09/10/08

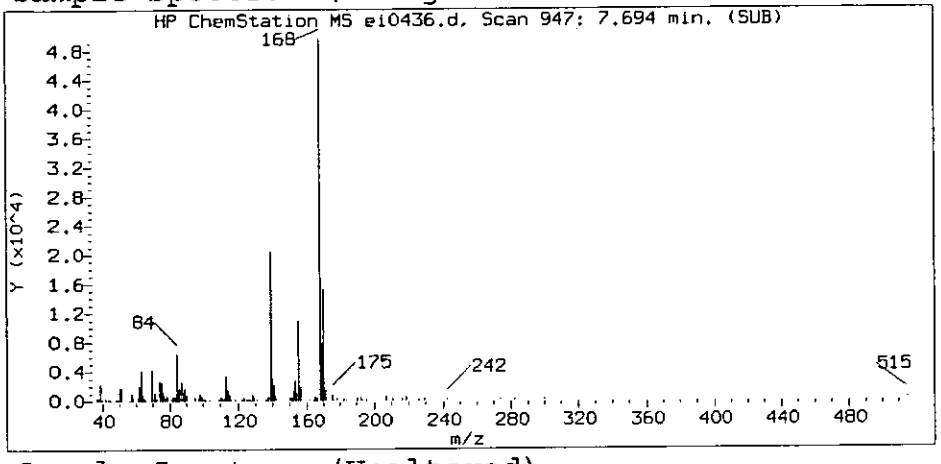
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

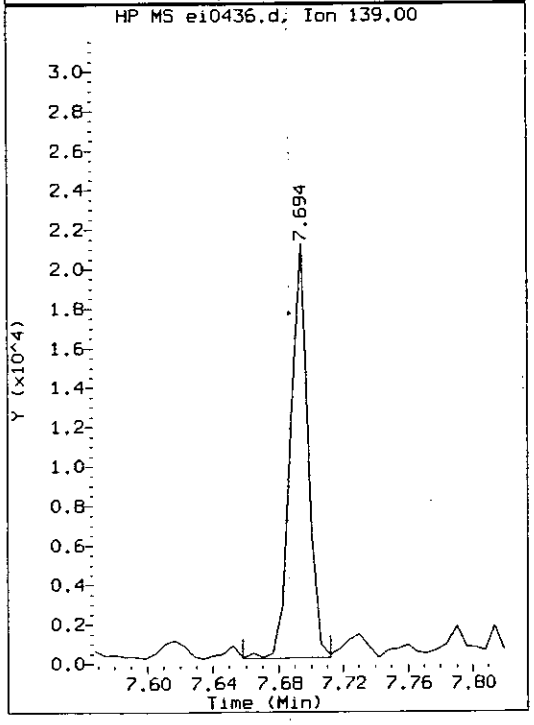
Reference Standard Spectrum for Dibenzofuran



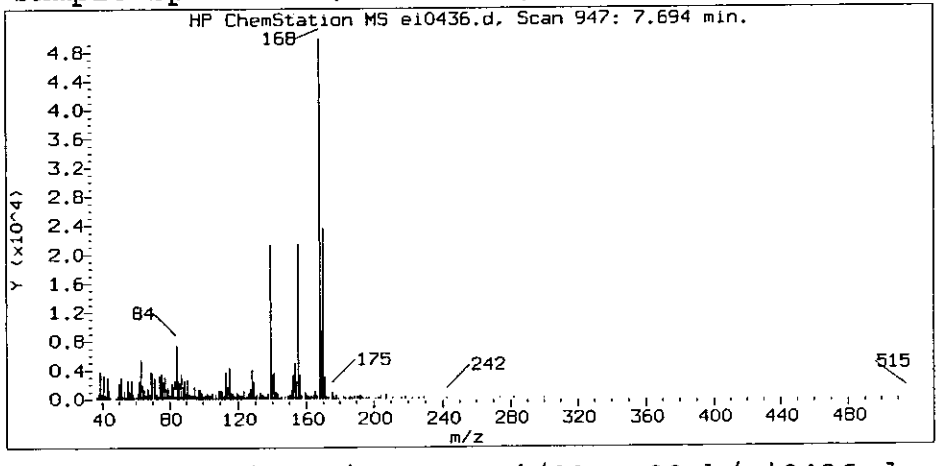


Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

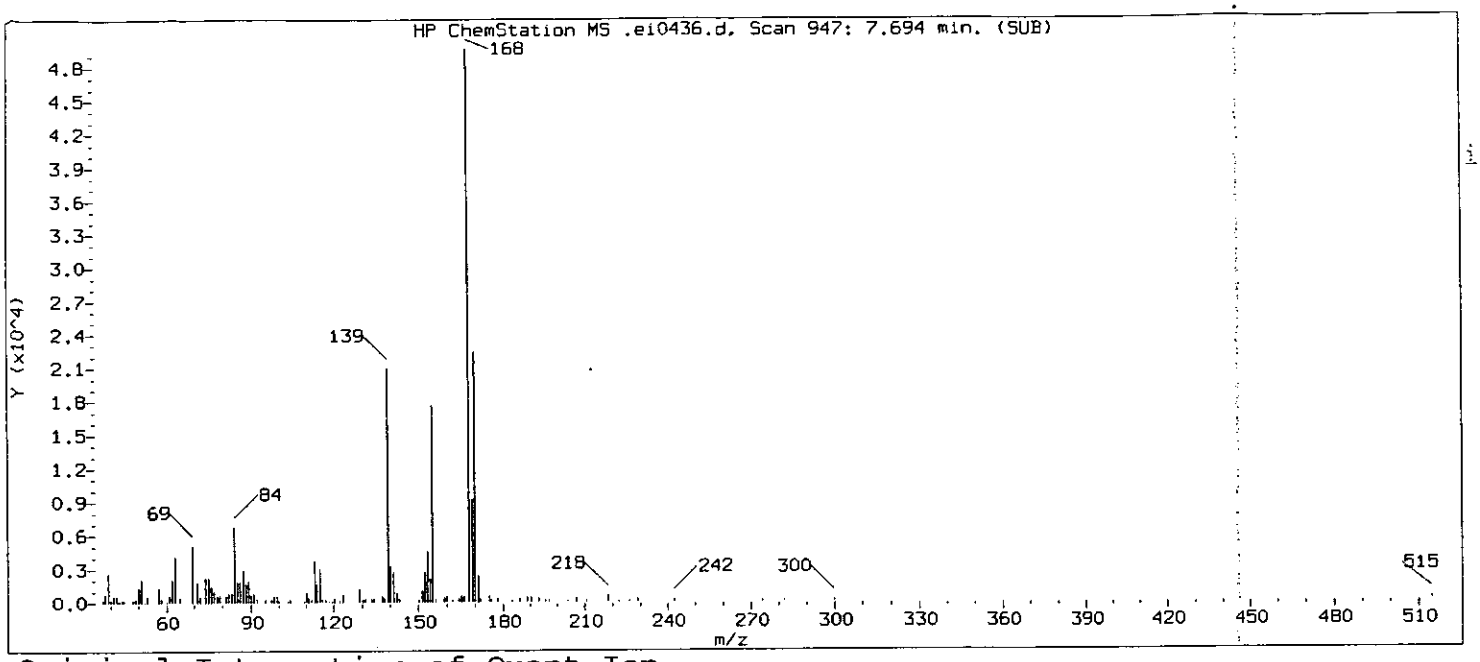
Sample Name: AMS15

Lab Sample ID: 5454424

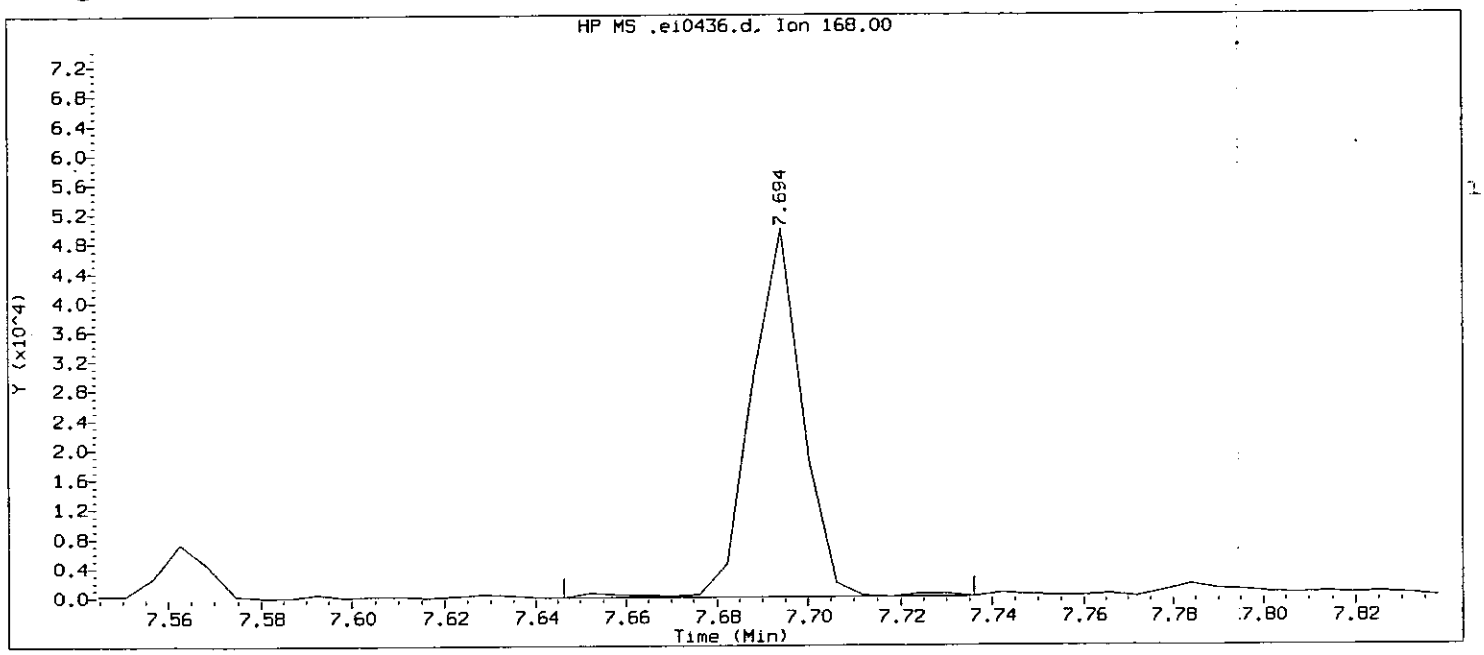
Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes) : 7.694
Quant Ion : 168.0
Area (flag) : 37756 M
Concentration (ng/ul) : 3.9565

ASX04 0138

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

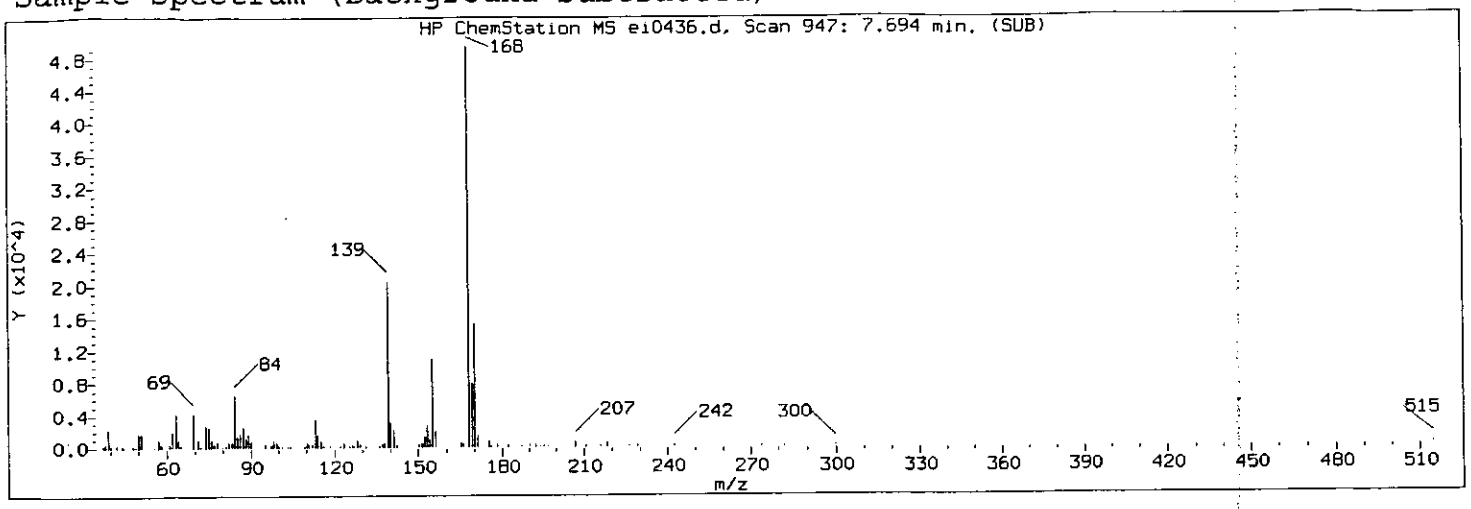
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

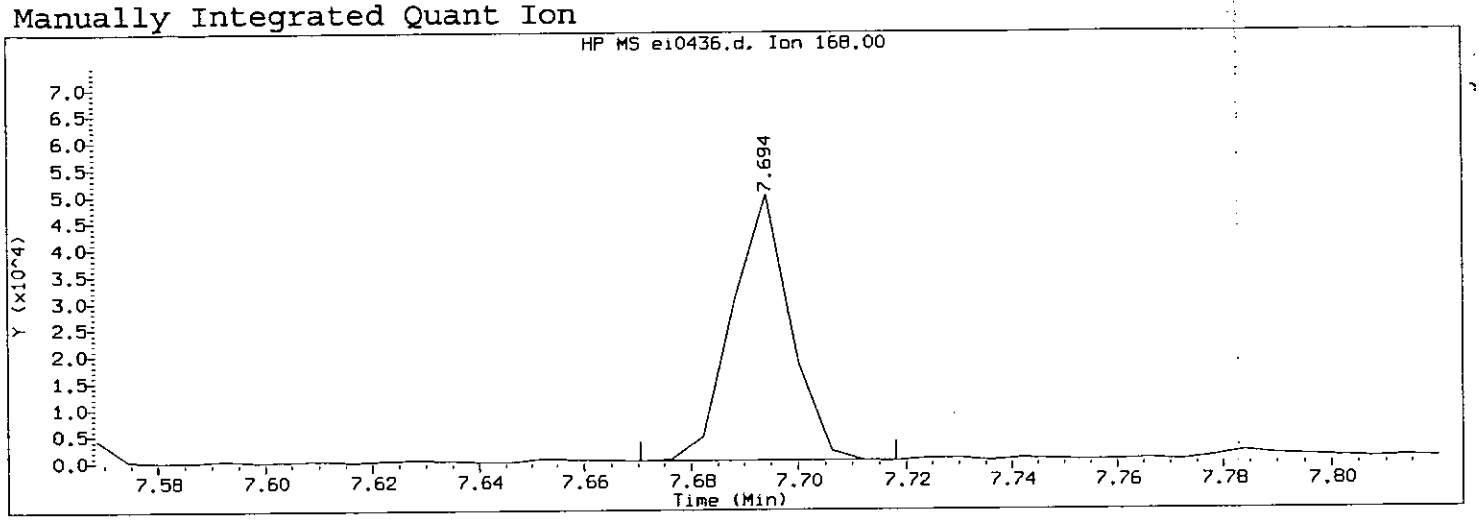
Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168
Area : 38729
Concentration (ng/ul) : 4.0585
Integration start scan : 938 Integration stop scan: 953
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168
Area (flag) : 37756 M
Concentration (ng/ul) : 3.9565
Integration start scan : 942 Integration stop scan: 950
Y at integration start : 69 Y at integration end: 69

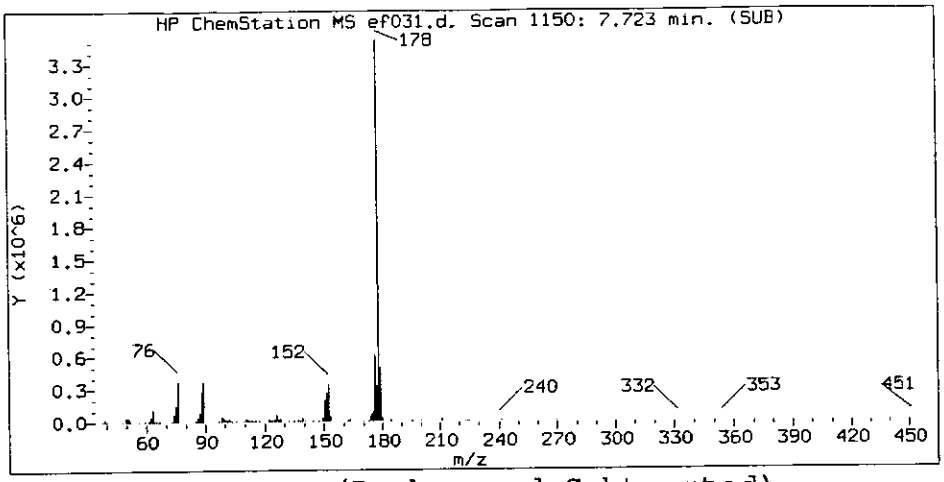
Reason for manual integration (circle one): missed peak improper integration

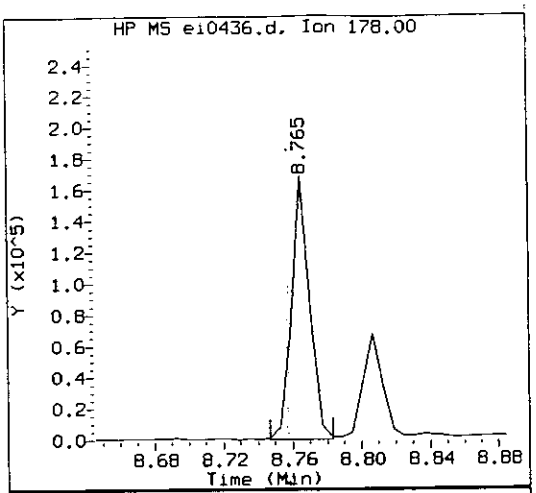
Analyst responsible for change: lmh198 09/09/08

GC/MS audit/management approval: 09/10/08

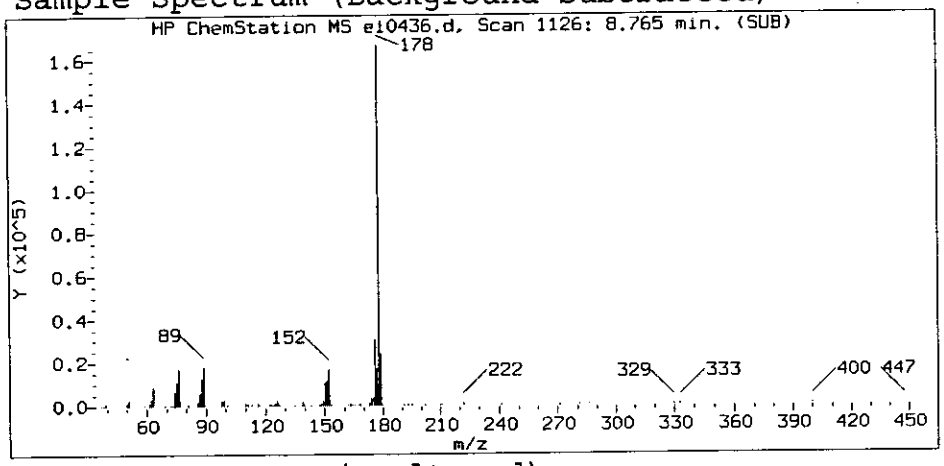
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

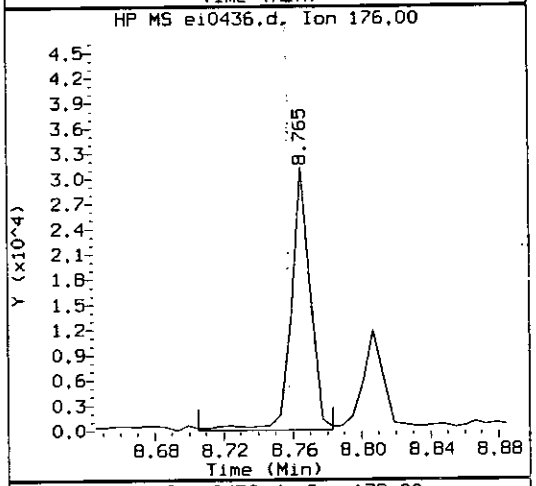
Reference Standard Spectrum for Phenanthrene



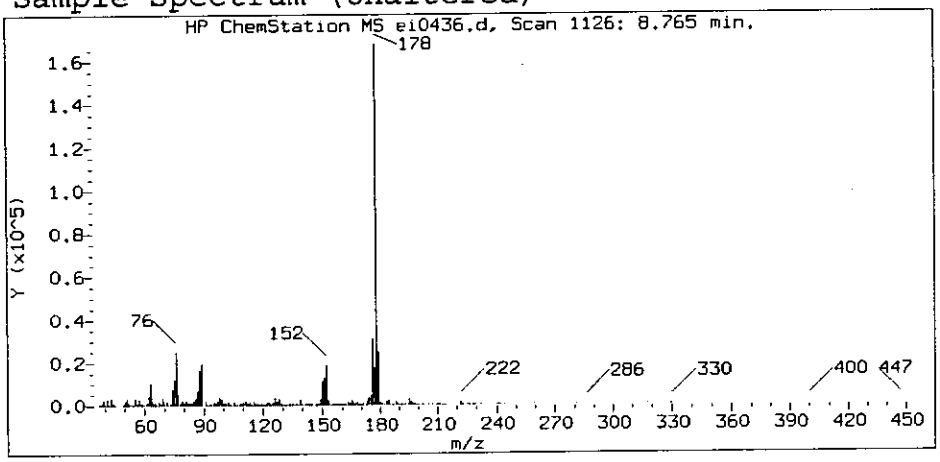


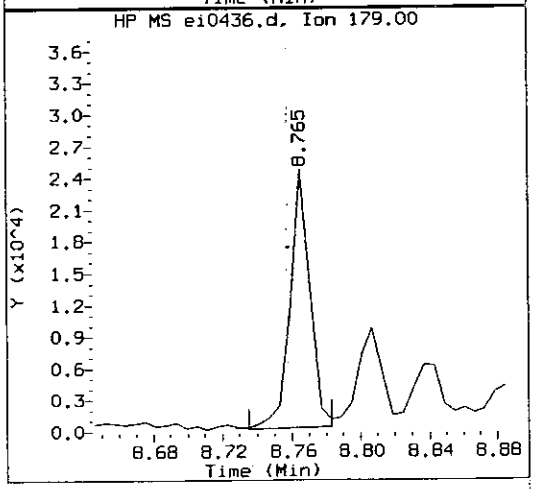
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

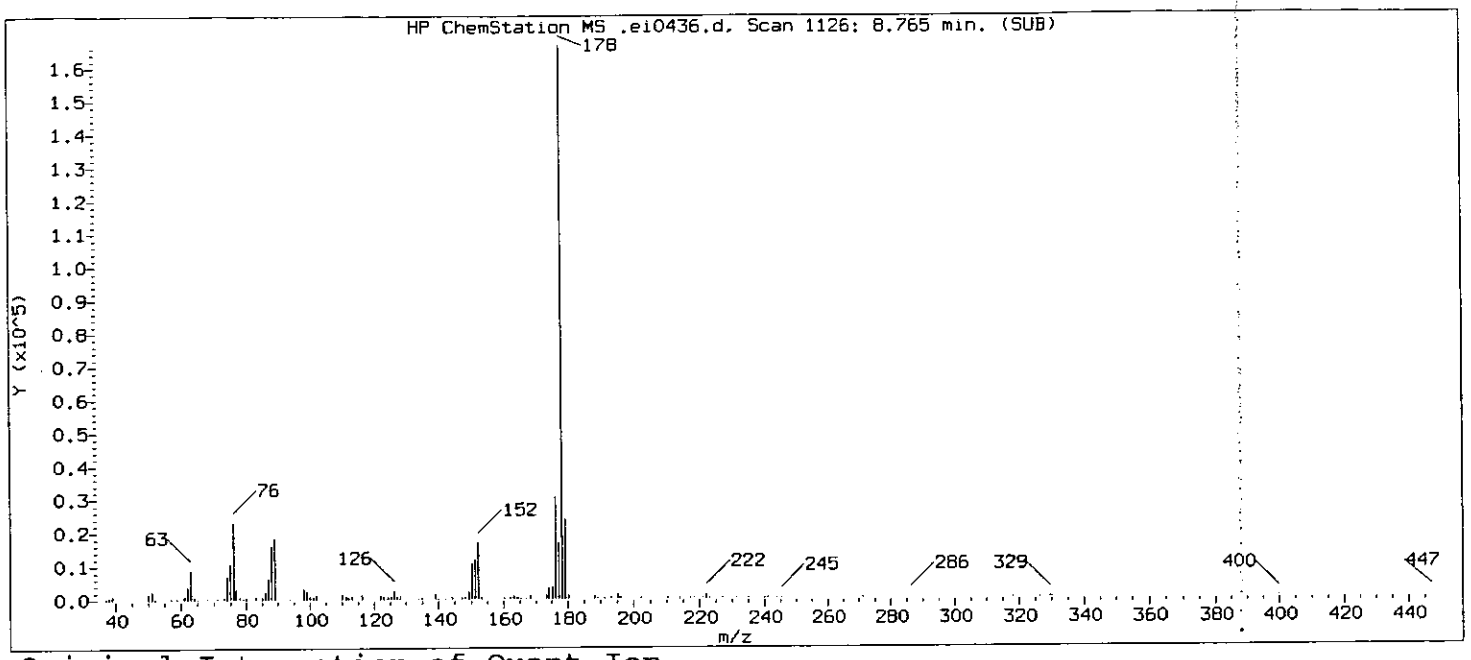
Sample Name: AMS15

Lab Sample ID: 5454424

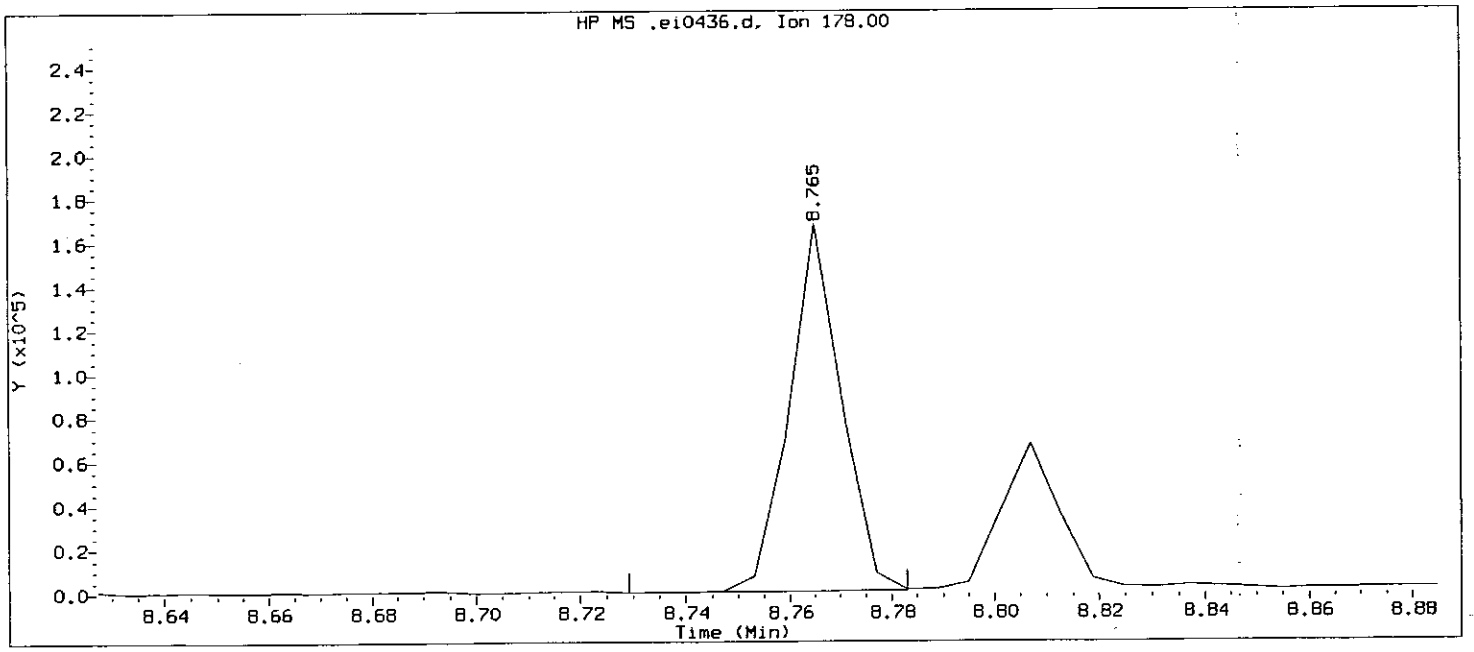
Compound Number	: 138
Compound Name	: Phenanthrene
Scan Number	: 1126
Retention Time (minutes)	: 8.765
Quant Ion	: 178.0
Area (flag)	: 119600 M
Concentration (ng/ul)	: 12.9908

ASX84 8141

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

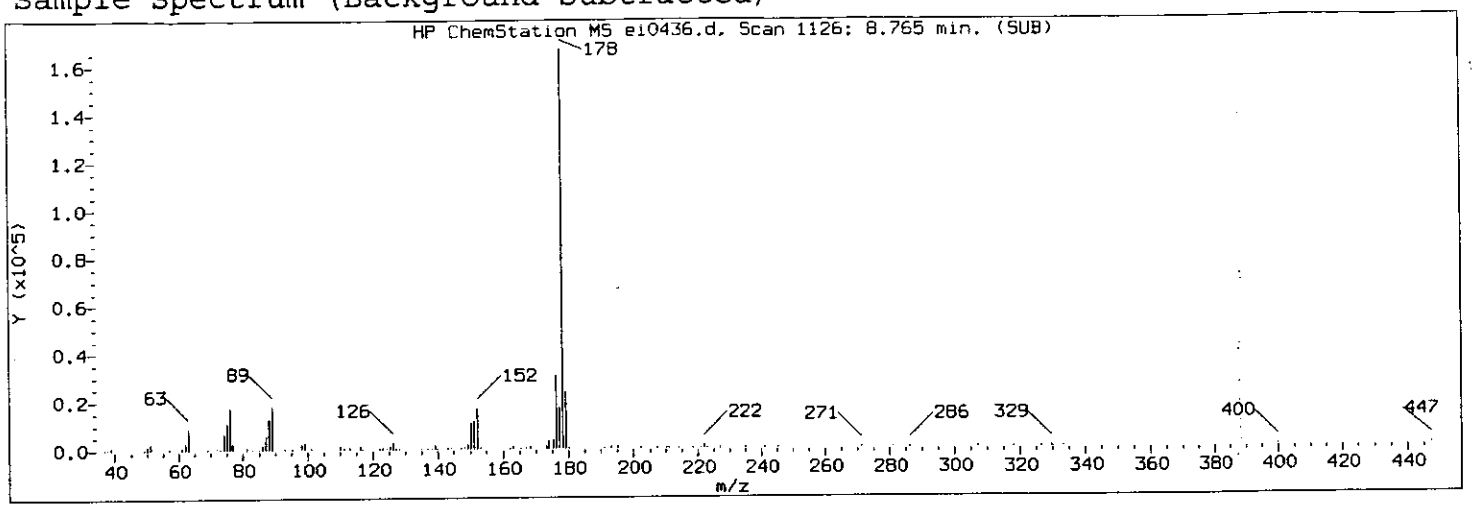
Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1126
Retention Time (minutes): 8.765
Quant Ion : 178
Area : 118173
Concentration (ng/ul) : 12.8358
Integration start scan : 1119 Integration stop scan: 1128
Y at integration start : 188 Y at integration end: 818

MN 09/09/08

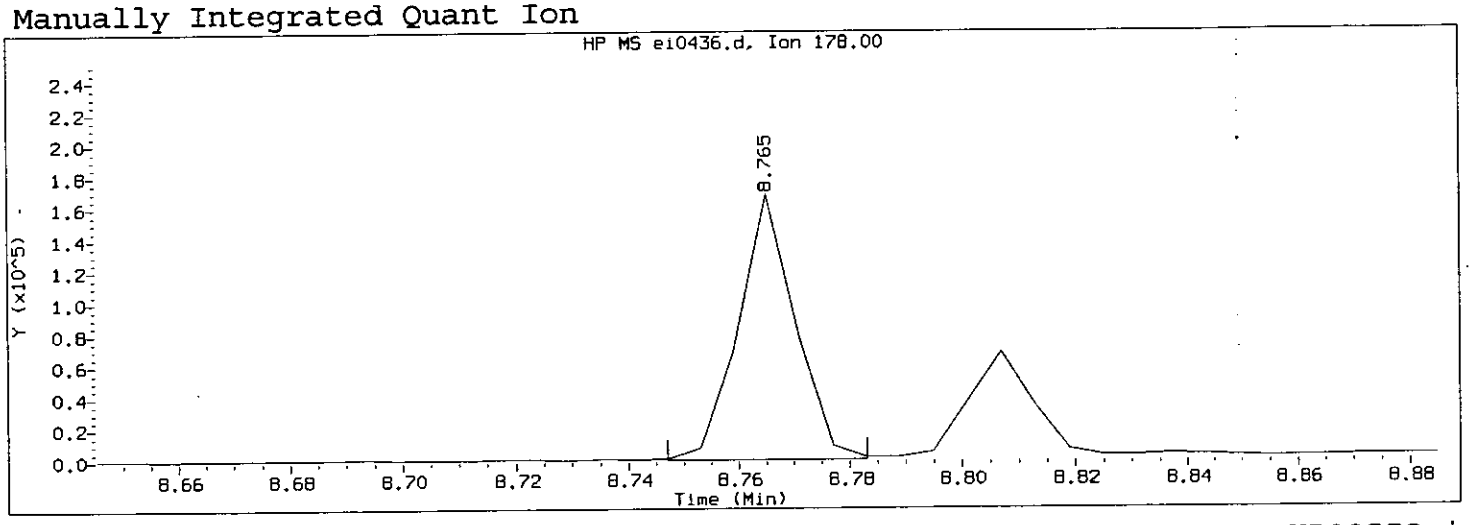
ASX04 0142

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

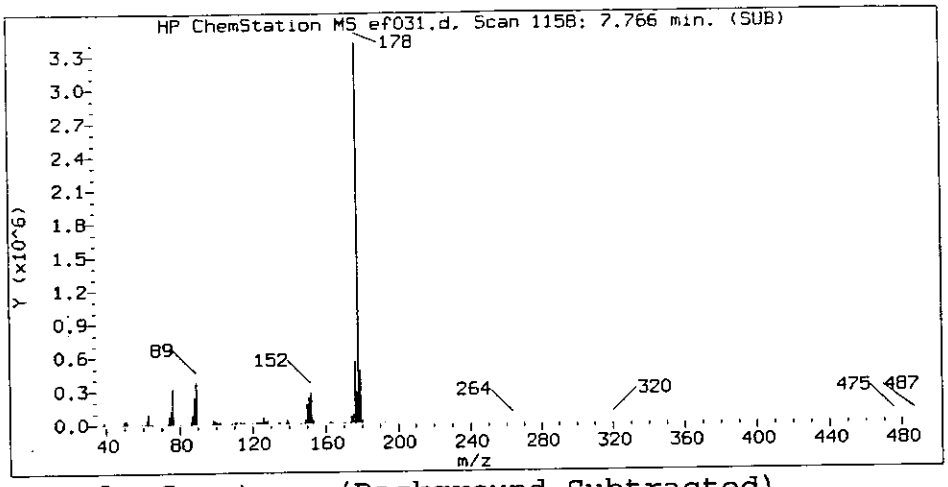
Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1126
Retention Time (minutes) : 8.765
Quant Ion : 178
Area (flag) : 119600 M
Concentration (ng/ul) : 12.9908
Integration start scan : 1122 Integration stop scan: 1128
Y at integration start : -8 Y at integration end: -8

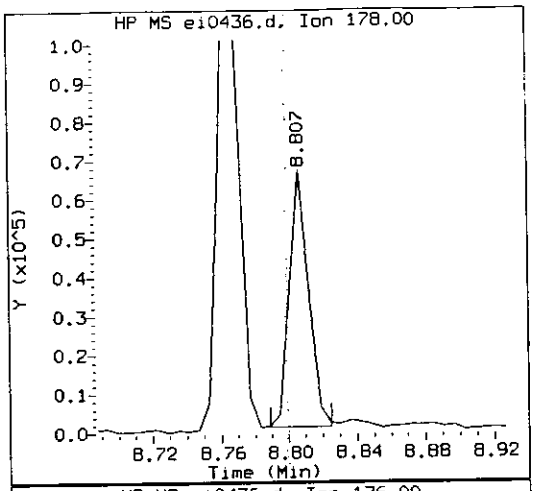
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1980 09/09/08

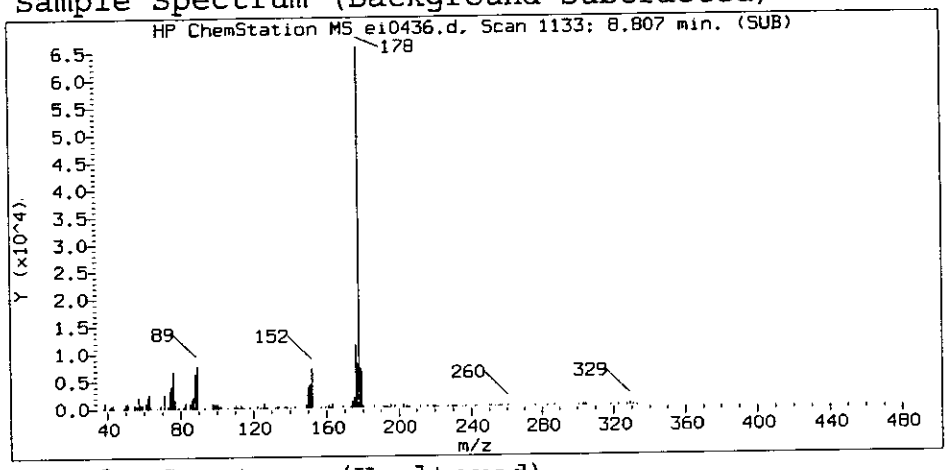
GC/MS audit/management approval: 9/10/08

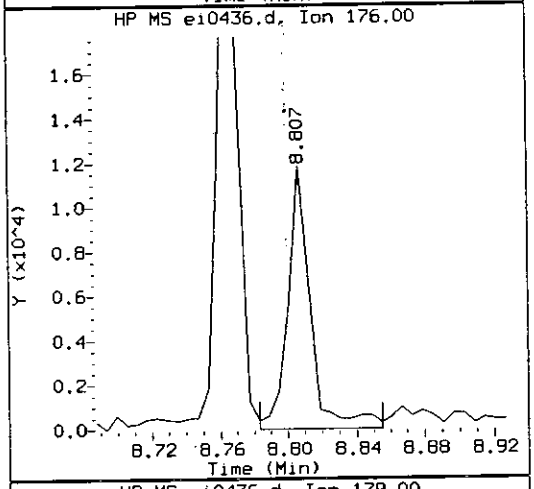
Reference Standard Spectrum for Anthracene



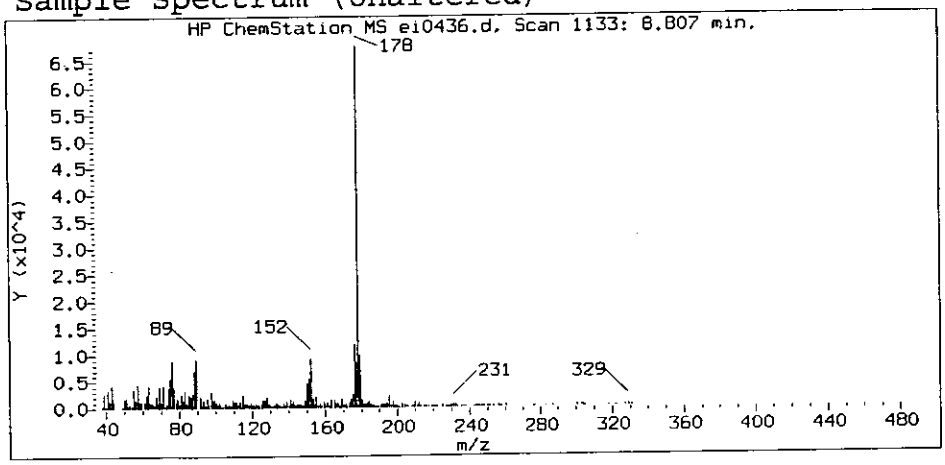


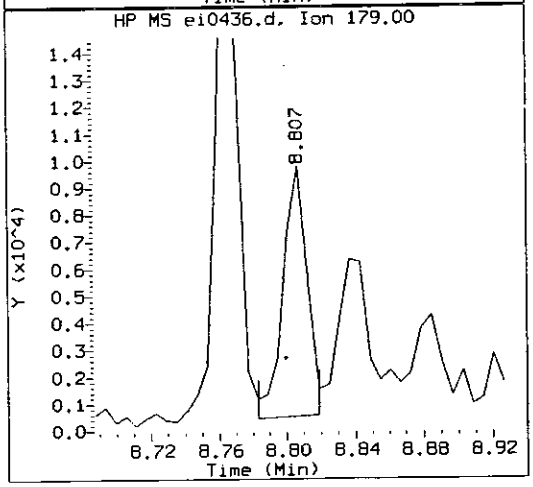
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

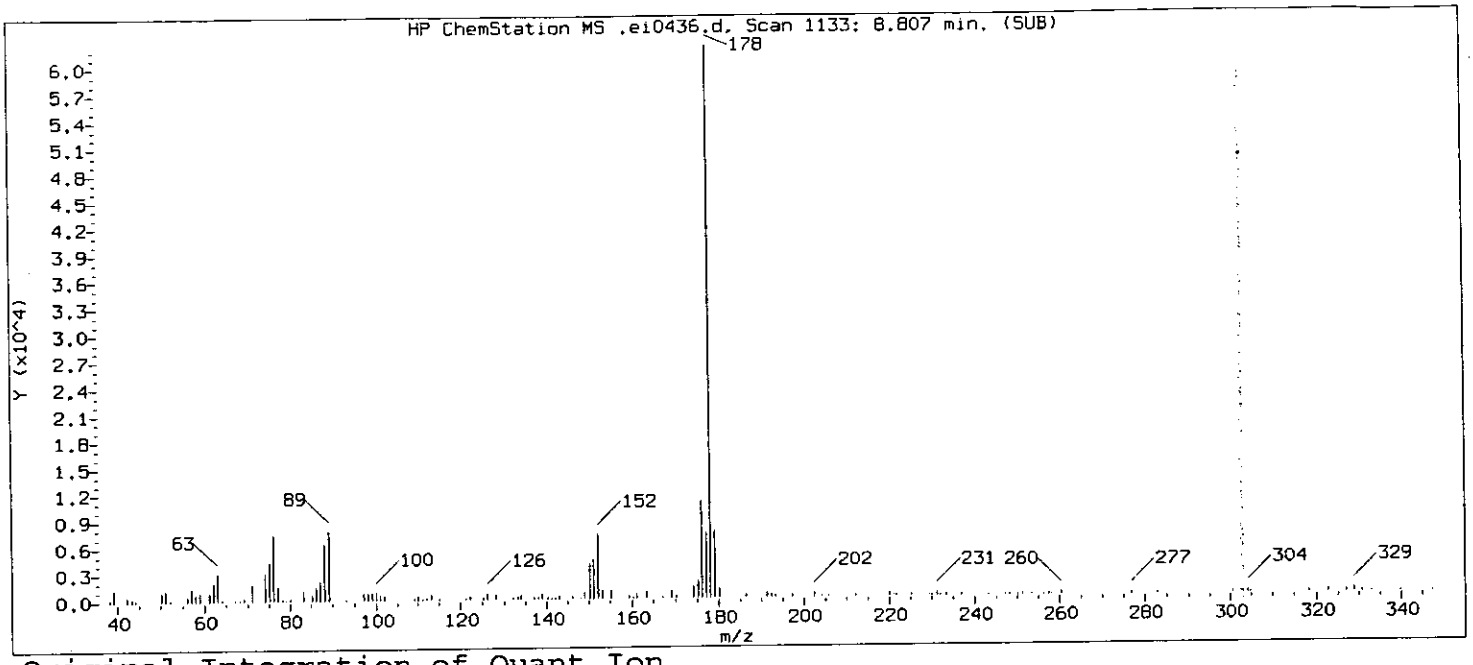
Sample Name: AMS15

Lab Sample ID: 5454424

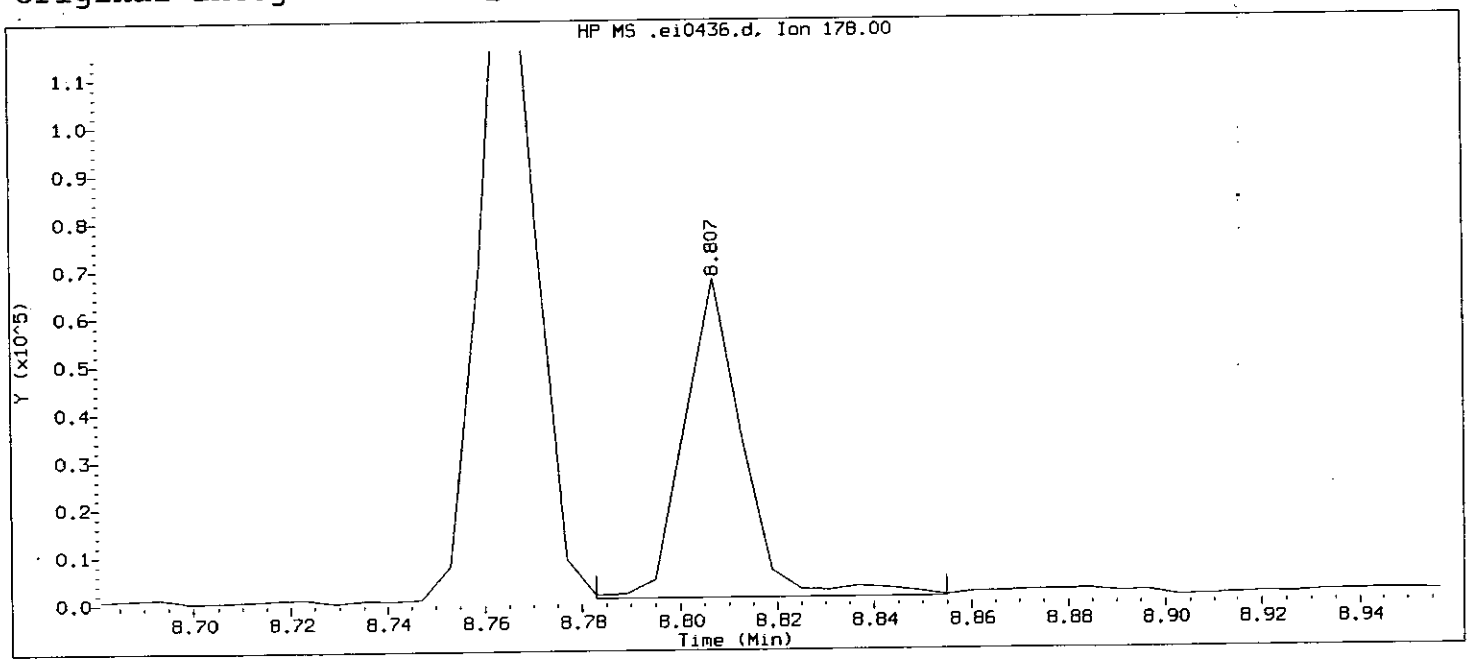
Compound Number	: 139
Compound Name	: Anthracene
Scan Number	: 1133
Retention Time (minutes)	: 8.807
Quant Ion	: 178.0
Area (flag)	: 51328 M
Concentration (ng/ul)	: 5.2232

ASX84 8144

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

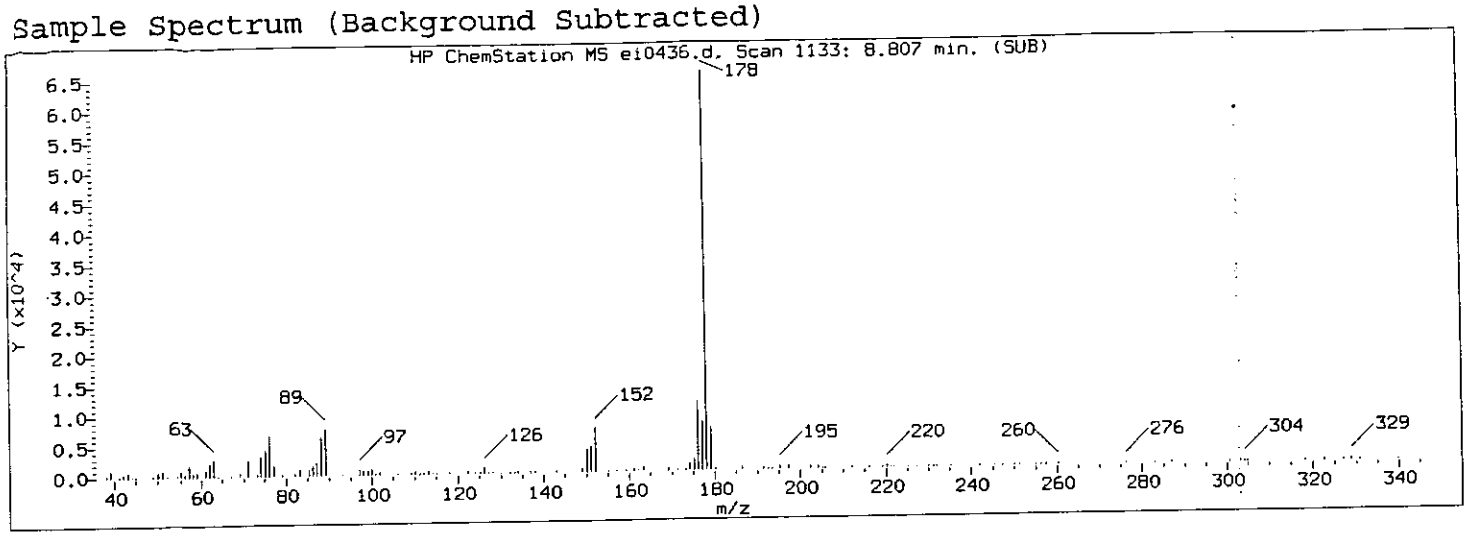
Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area : 55545
Concentration (ng/ul) : 5.6523
Integration start scan : 1128 Integration stop scan: 1140
Y at integration start : 818 Y at integration end: 836

Mm1986
09/09/08

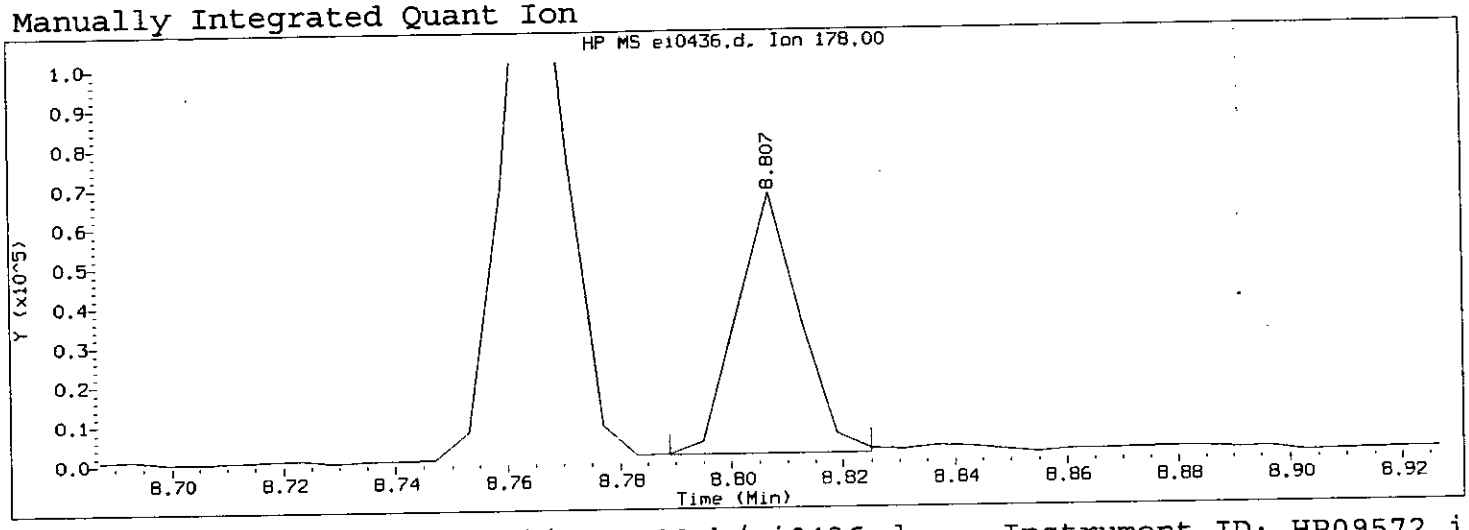
ASX04 8145

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sublist used: STC8

Sample Name: AMS15

Lab Sample ID: 5454424

Compound Number	:	139
Compound Name	:	Anthracene
Scan Number	:	1133
Retention Time (minutes)	:	8.807
Quant Ion	:	178
Area (flag)	:	51328 M
Concentration (ng/ul)	:	5.2232
Integration start scan	:	1129
Y at integration start	:	1486

Integration stop scan: 1135
Y at integration end: 1486

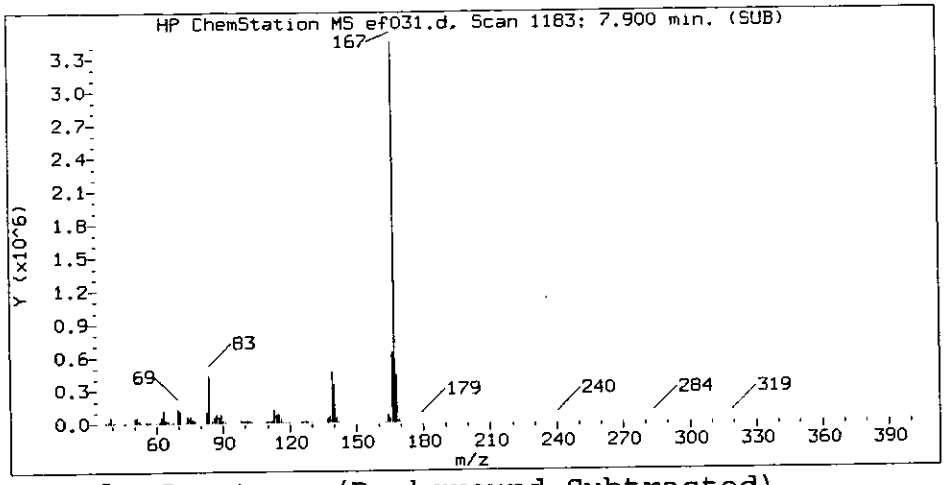
Reason for manual integration (circle one): missed peak improper integration

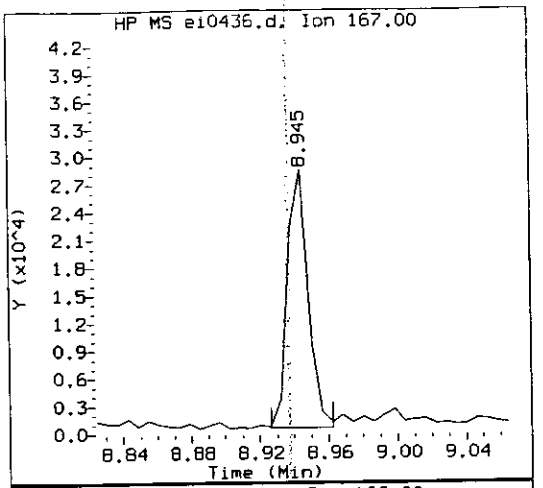
Analyst responsible for change: mn198e 09/09/08

GC/MS audit/management approval: 9/10/08

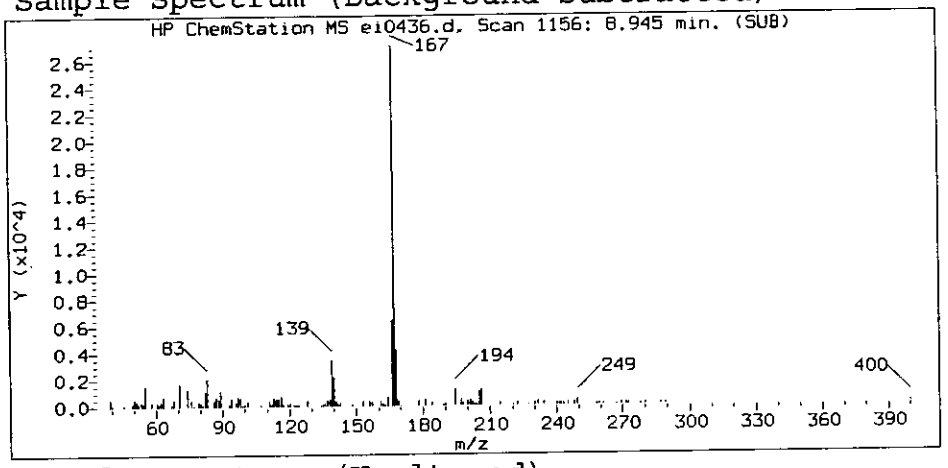
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

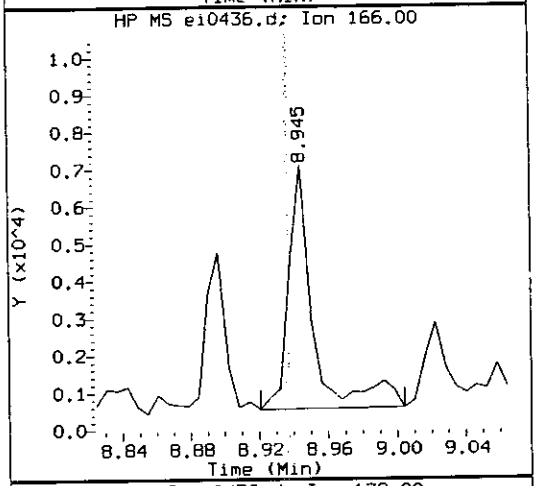
Reference Standard Spectrum for Carbazole



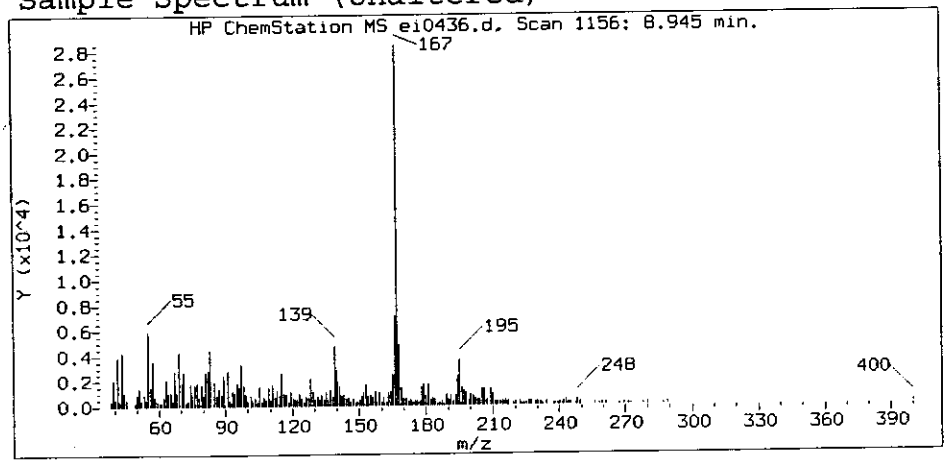


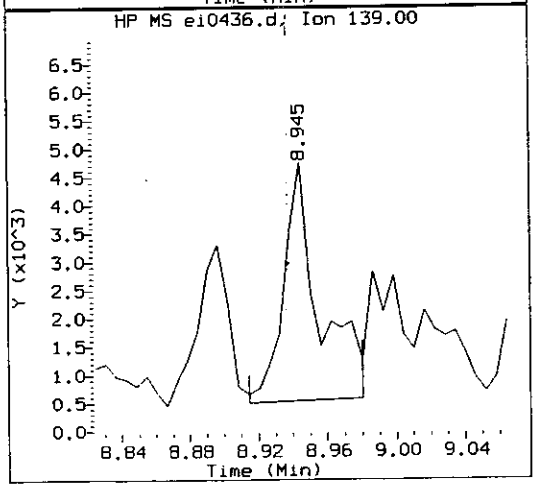
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

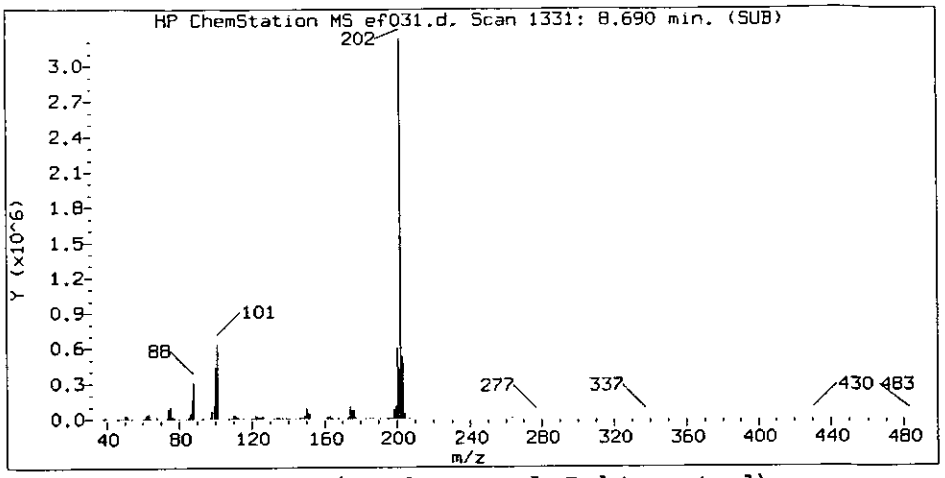
Sample Name: AMS15

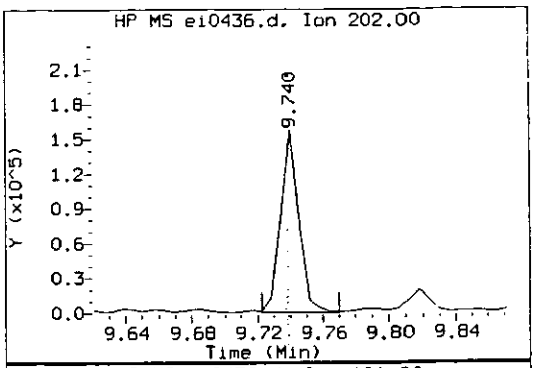
Lab Sample ID: 5454424

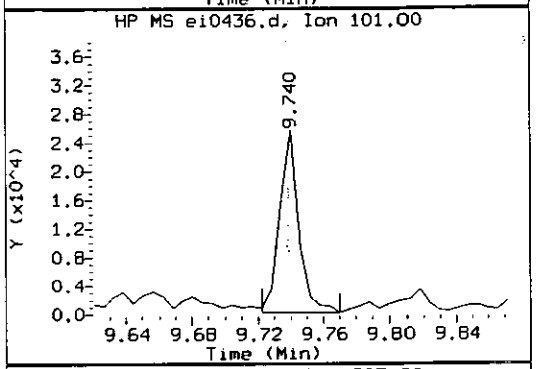
Compound Number	: 141
Compound Name	: Carbazole
Scan Number	: 1156
Retention Time (minutes)	: 8.945
Quant Ion	: 167.0
Area (flag)	: 22991
Concentration (ng/ul)	: 2.3605

ASX84 0147

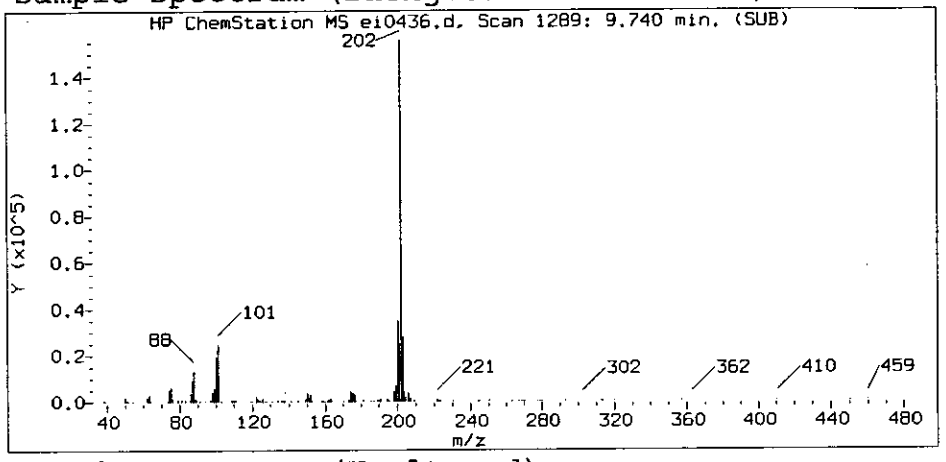
Reference Standard Spectrum for Fluoranthene

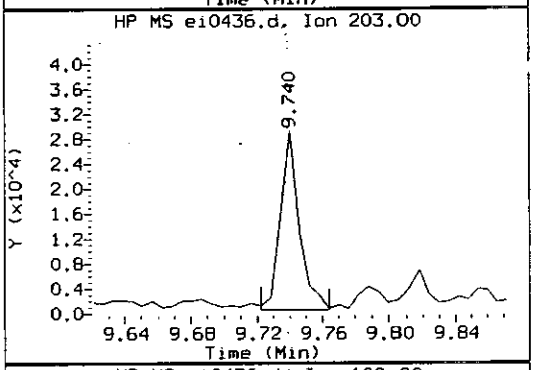




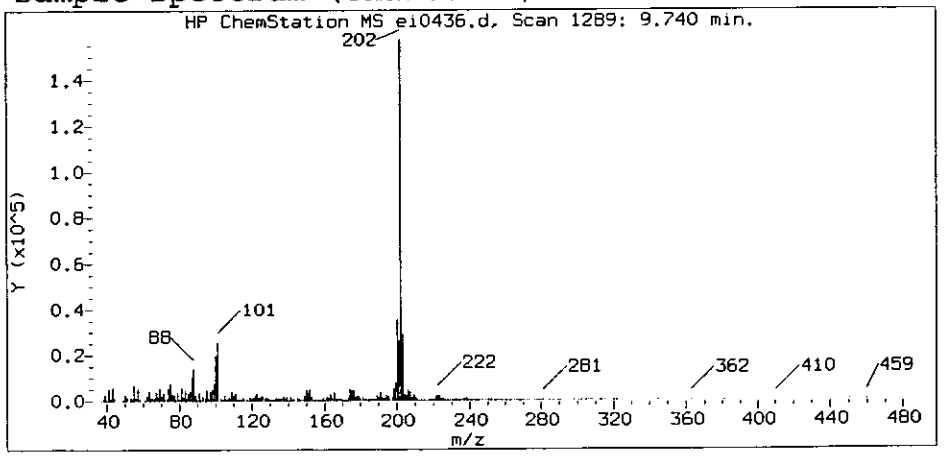


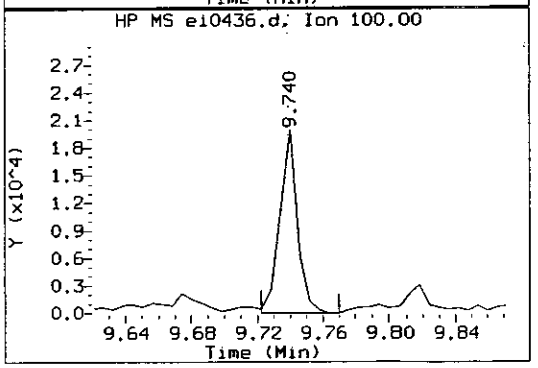
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

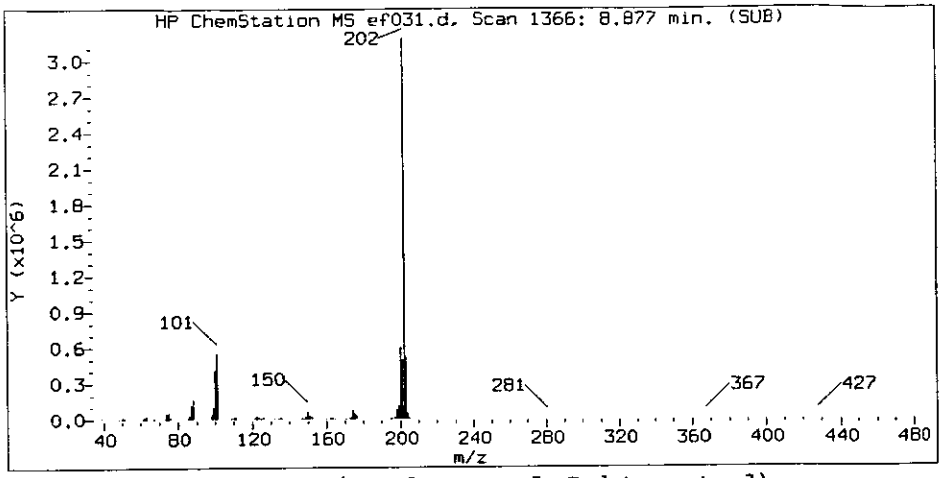
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

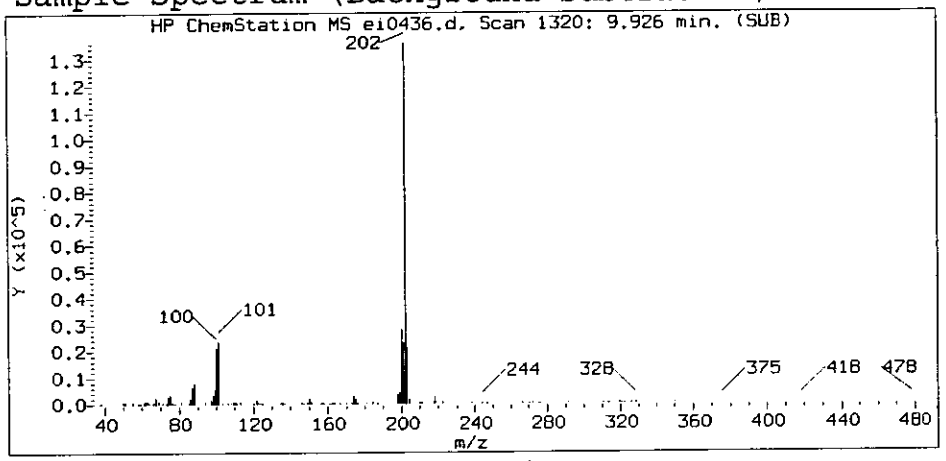
Lab Sample ID: 5454424

Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1289
Retention Time (minutes): 9.740
Quant Ion : 202.0
Area (flag) : 122106
Concentration (ng/ul) : 11.2651

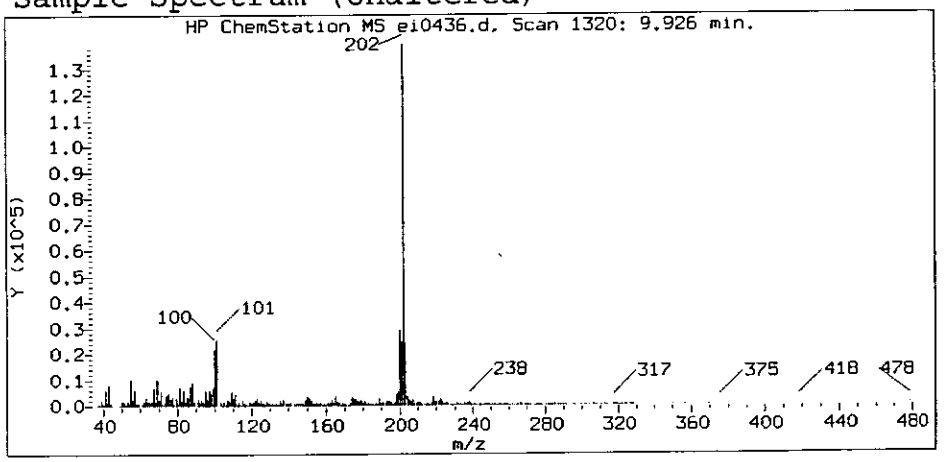
Reference Standard Spectrum for Pyrene

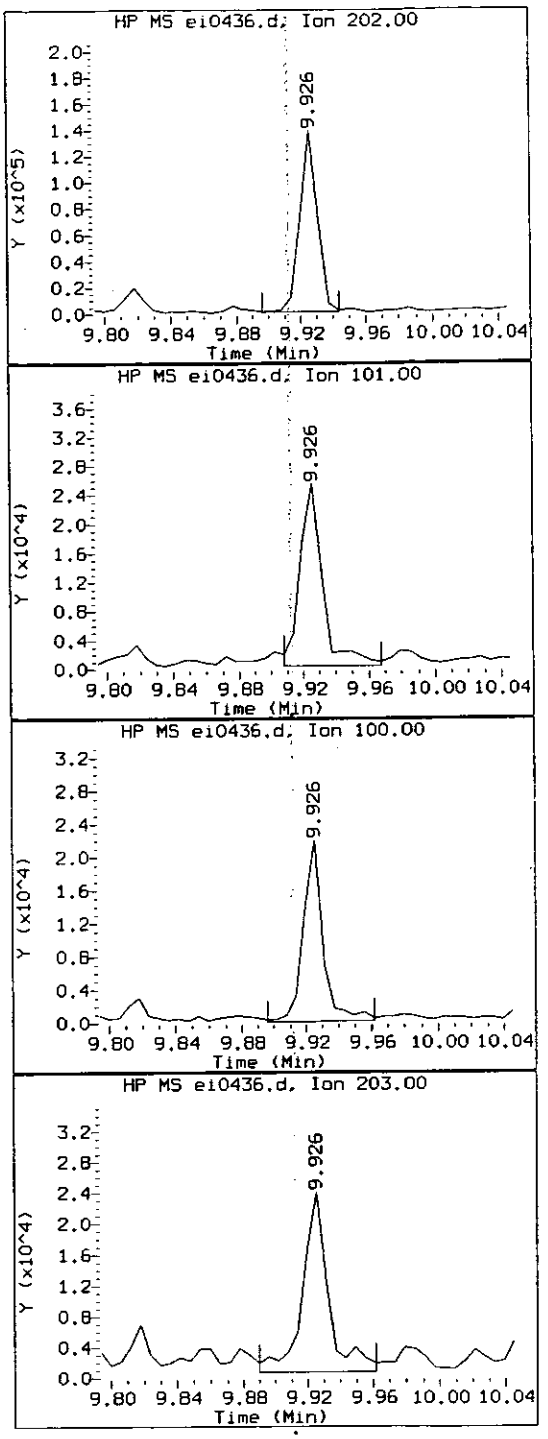


Sample Spectrum (Background Subtracted)



Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

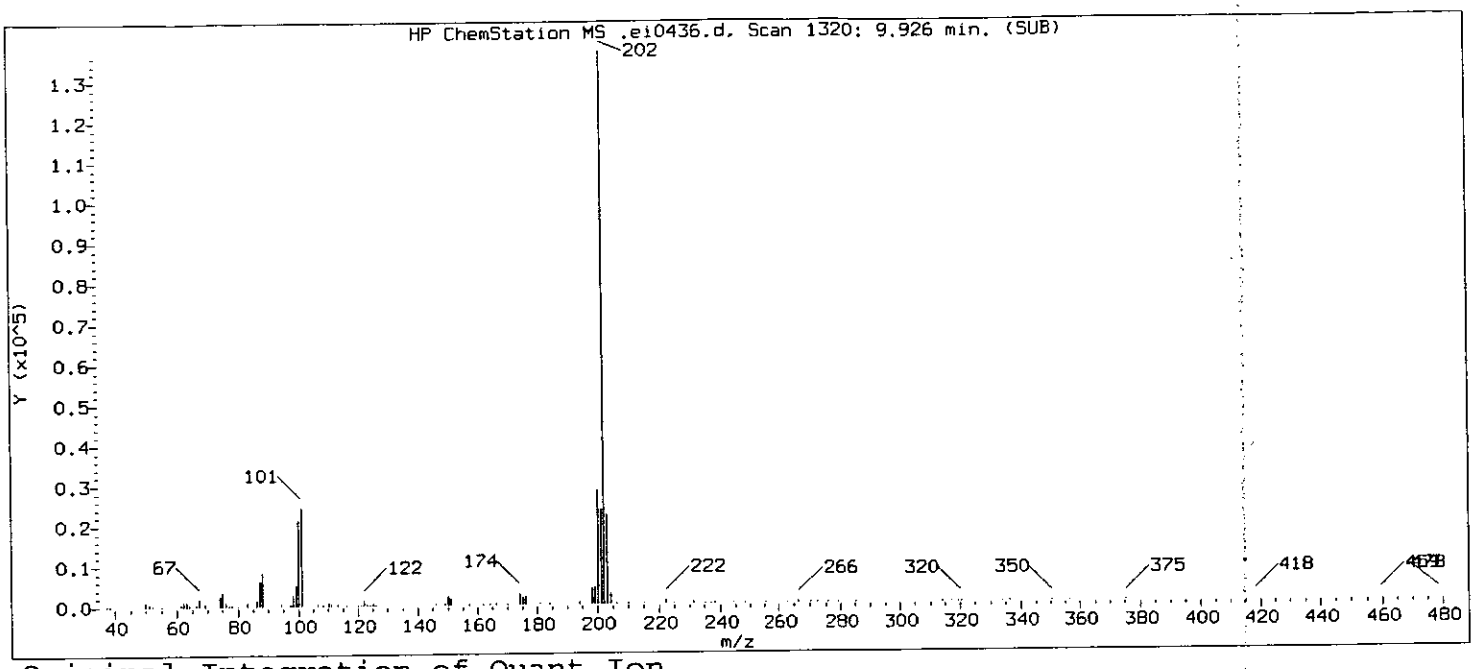
Lab Sample ID: 5454424

Compound Number : 155
Compound Name : Pyrene
Scan Number : 1320
Retention Time (minutes): 9.926
Quant Ion : 202.0
Area (flag) : 105322 M
Concentration (ng/ul) : 11.3192

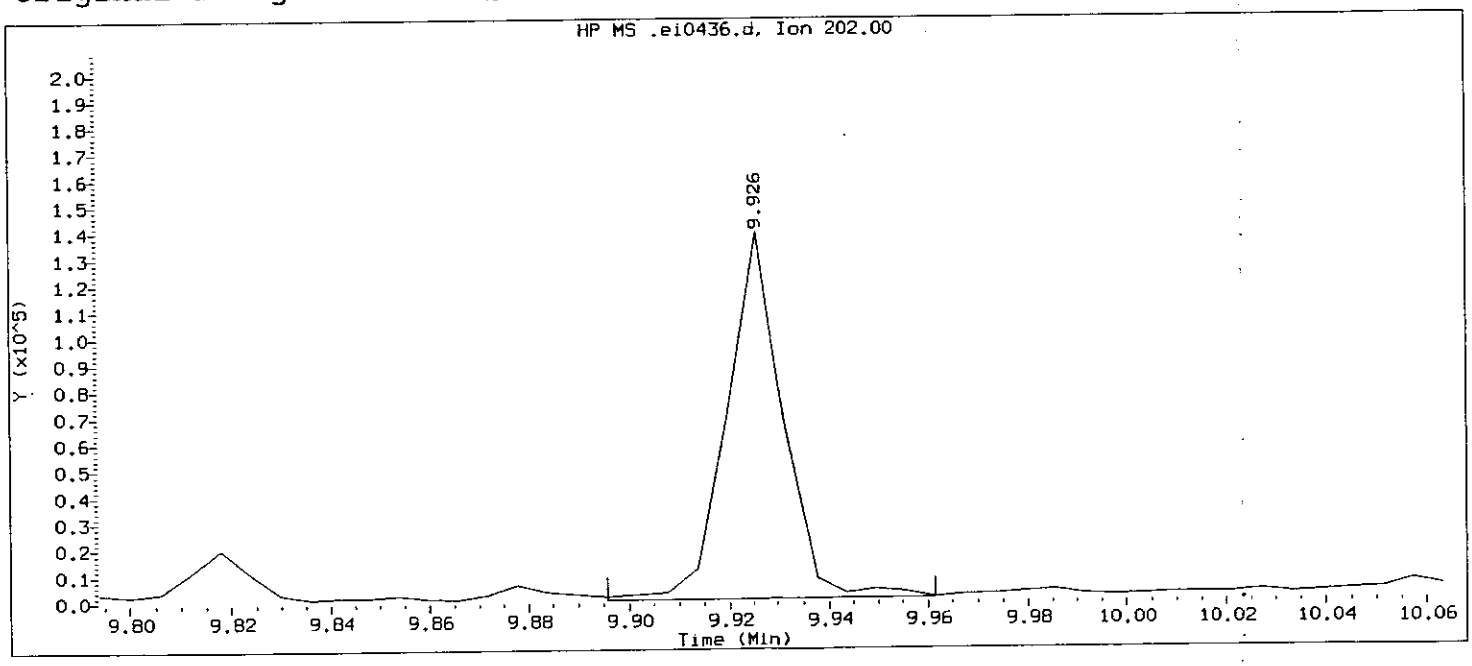
6SX84 8149

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

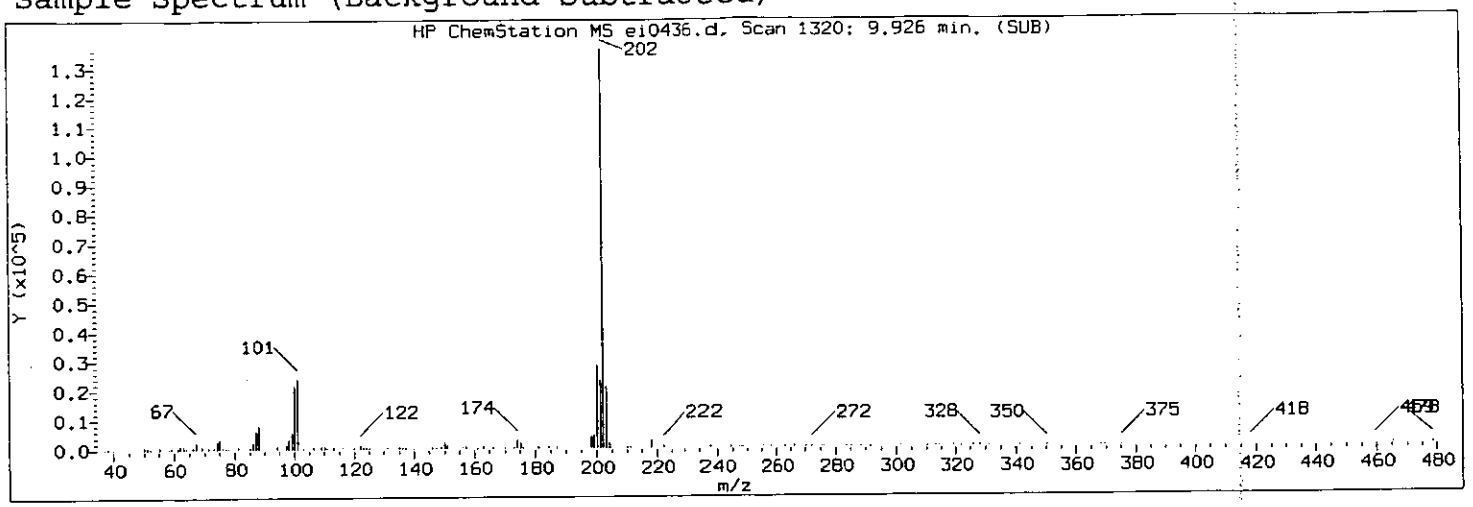
Compound Number	: 155
Compound Name	: Pyrene
Scan Number	: 1320
Retention Time (minutes)	: 9.926
Quant Ion	: 202
Area	: 110038
Concentration (ng/ul)	: 11.8261
Integration start scan	: 1314
Y at integration start	: 597

Integration stop scan: 1325
Y at integration end: 646

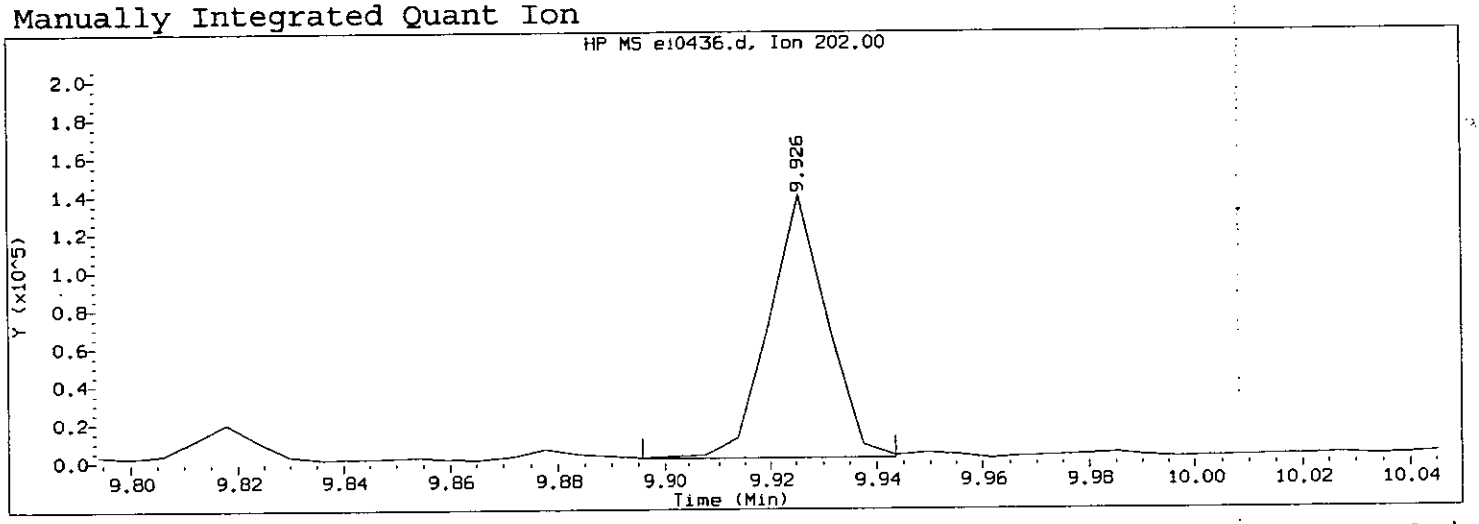
Mm198 09/09/08

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

Compound Number	: 155	
Compound Name	: Pyrene	
Scan Number	: 1320	
Retention Time (minutes)	: 9.926	
Quant Ion	: 202	
Area (flag)	: 105322	M
Concentration (ng/ul)	: 11.3192	
Integration start scan	: 1314	Integration stop scan: 1322
Y at integration start	: 1452	Y at integration end: 1452

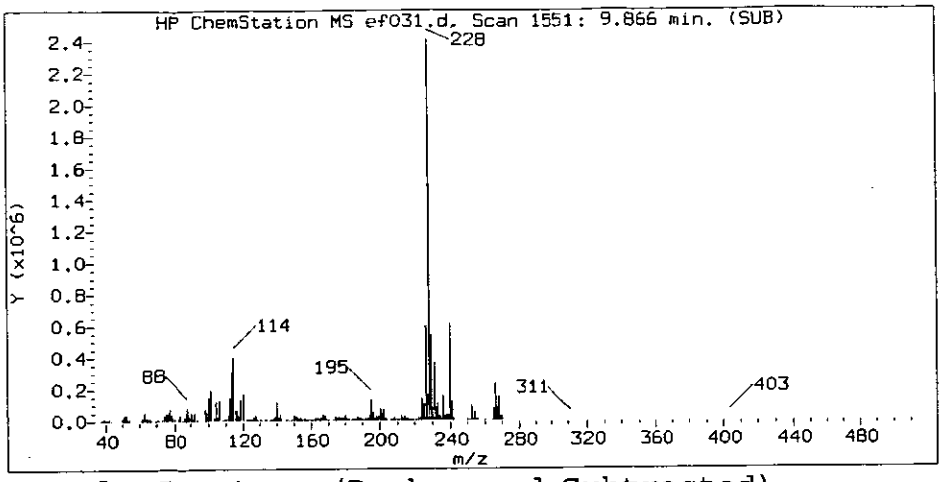
Reason for manual integration (circle one): missed peak improper integration

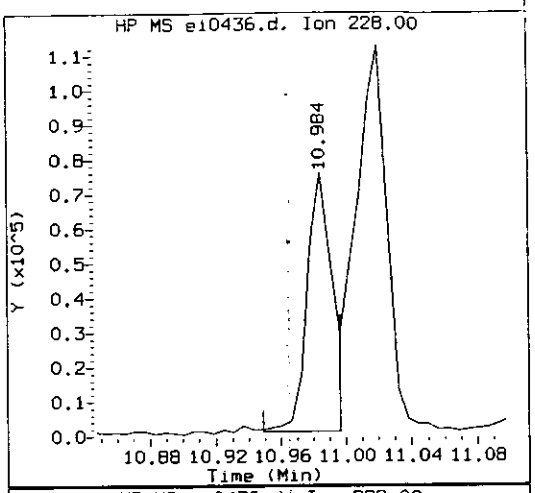
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: [illegible]

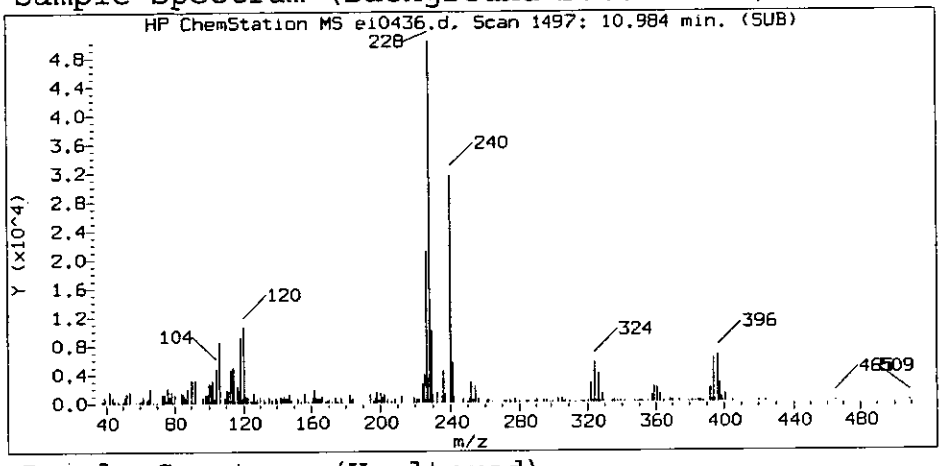
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

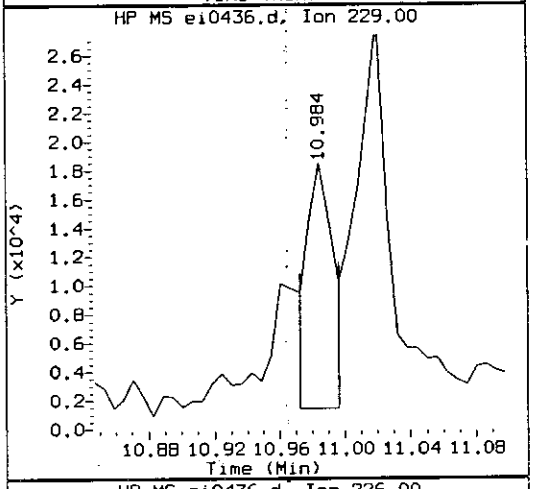
Reference Standard Spectrum for Benzo(a)anthracene



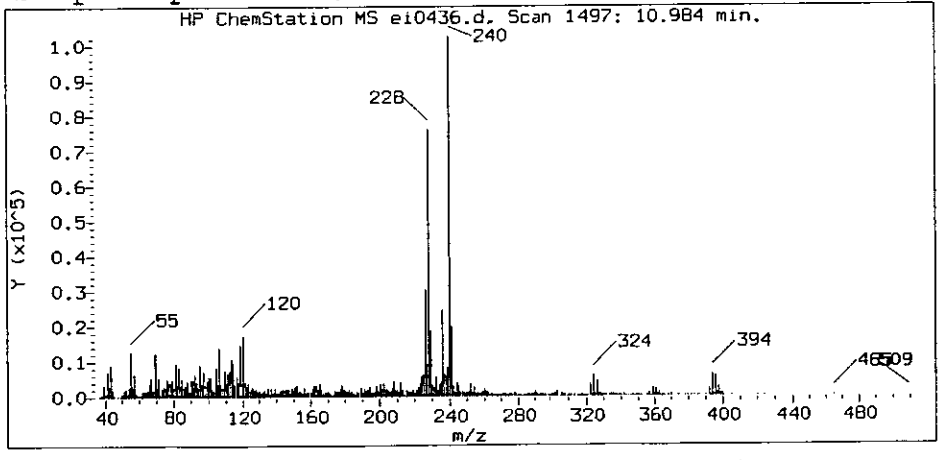


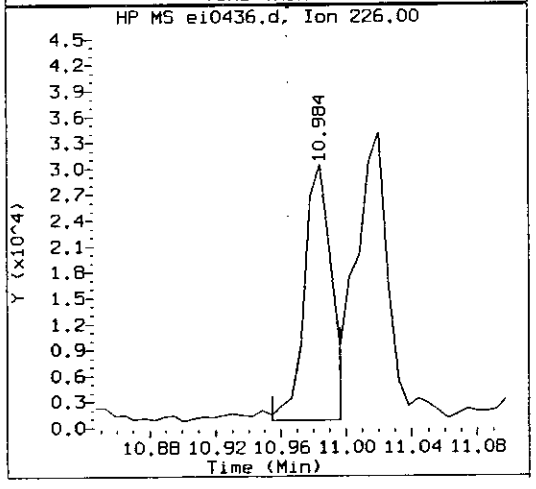
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

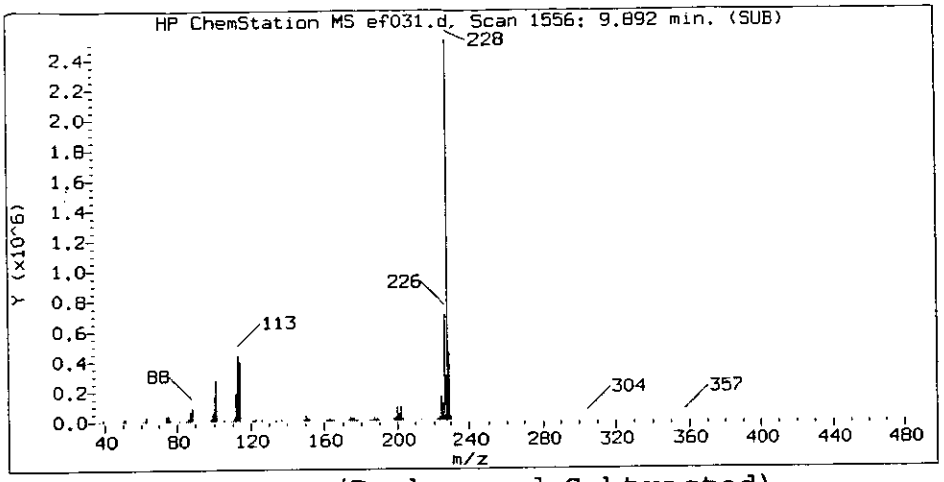
Lab Sample ID: 5454424

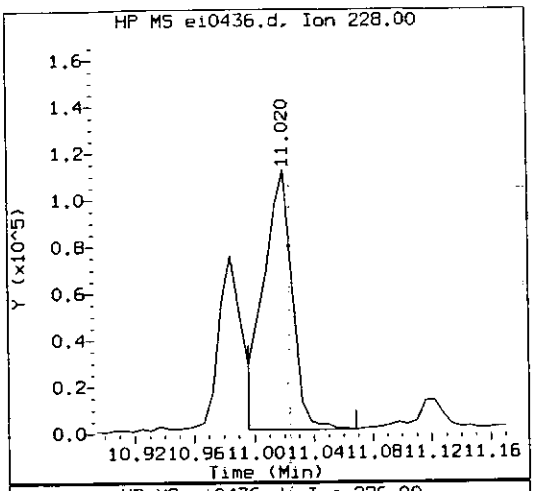
Compound Number	: 167
Compound Name	: Benzo(a)anthracene
Scan Number	: 1497
Retention Time (minutes)	: 10.984
Quant Ion	: 228.0
Area (flag)	: 77642
Concentration (ng/ul)	: 8.5794

ASX84 0152

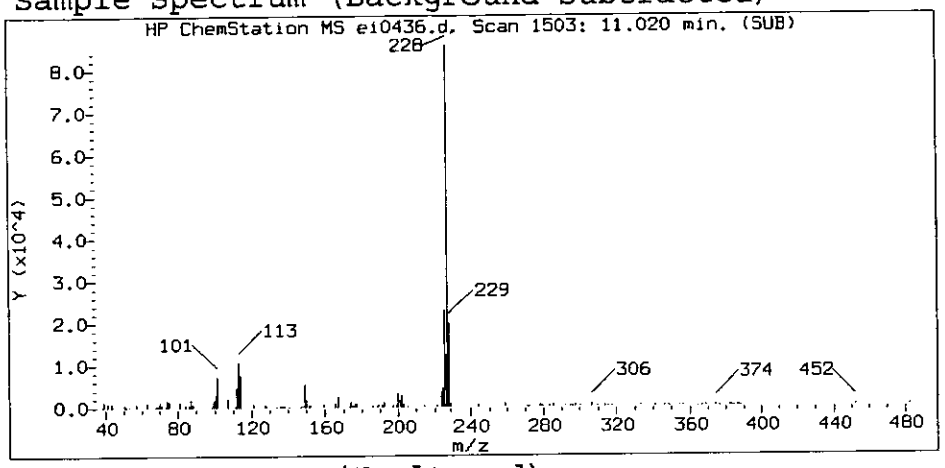
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

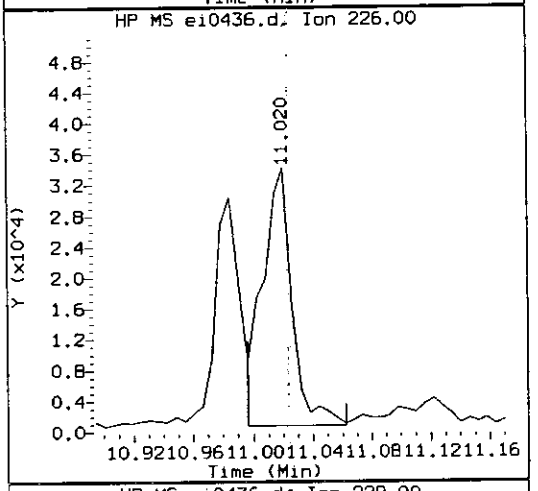
Reference Standard Spectrum for Chrysene



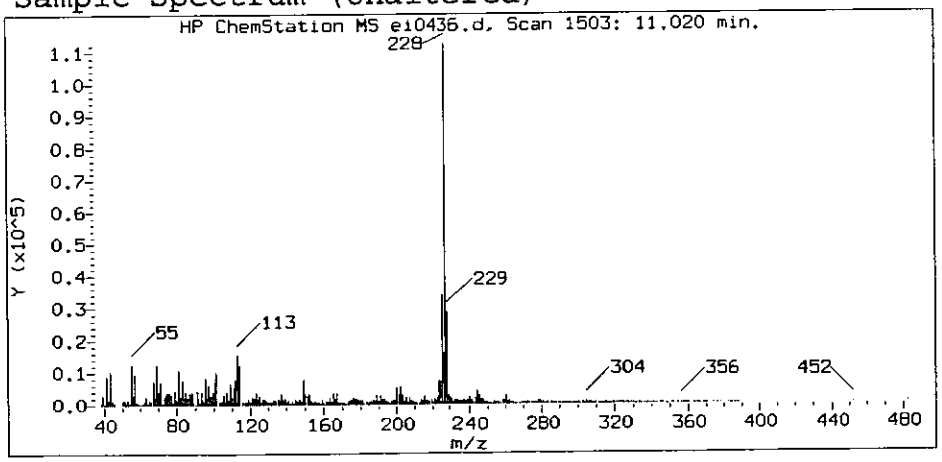


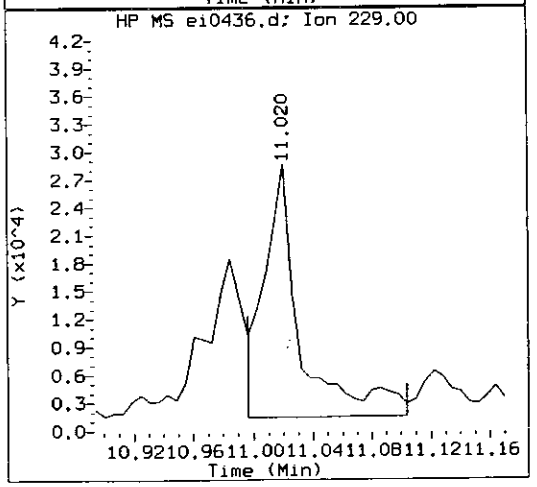
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

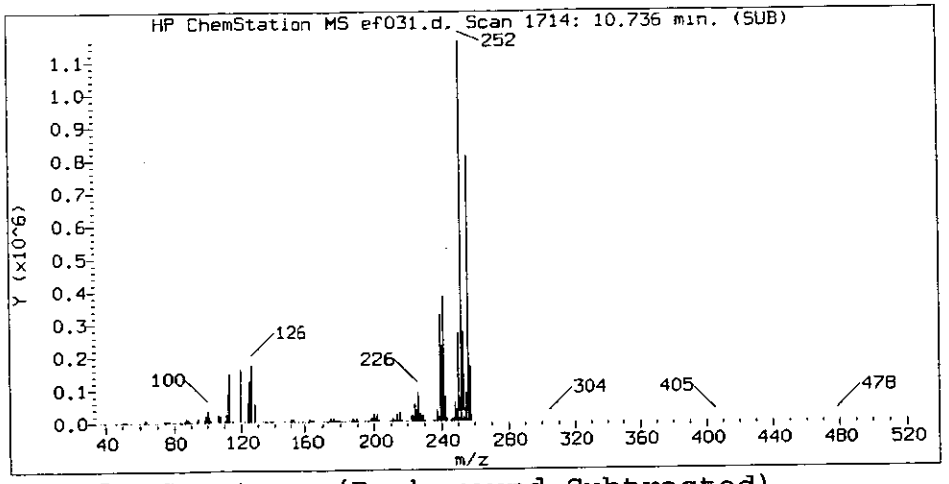
Sample Name: AMS15

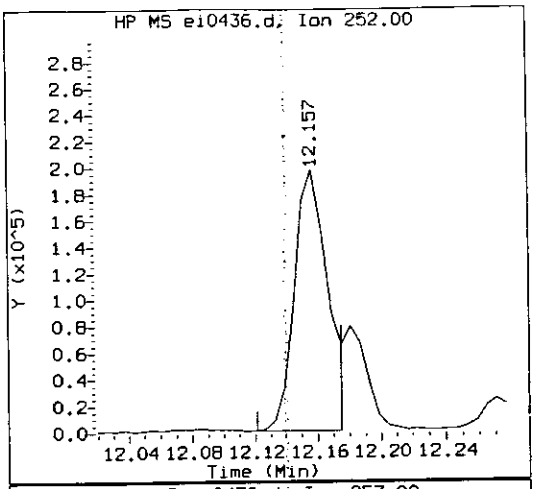
Lab Sample ID: 5454424

Compound Number	: 169
Compound Name	: Chrysene
Scan Number	: 1503
Retention Time (minutes)	: 11.020
Quant Ion	: 228.0
Area (flag)	: 150282
Concentration (ng/ul)	: 17.4032

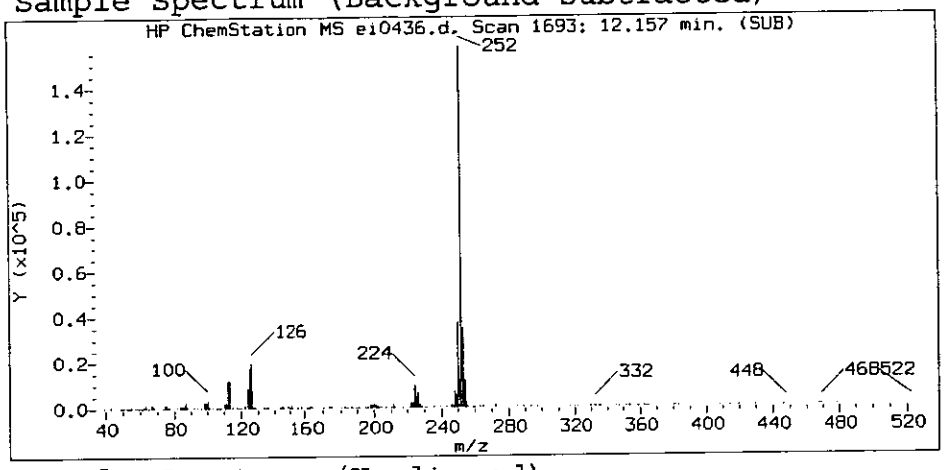
ASX04 0153

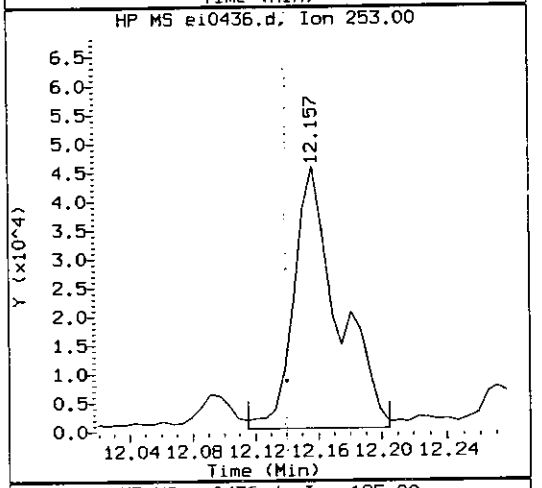
Reference Standard Spectrum for Benzo(b)fluoranthene



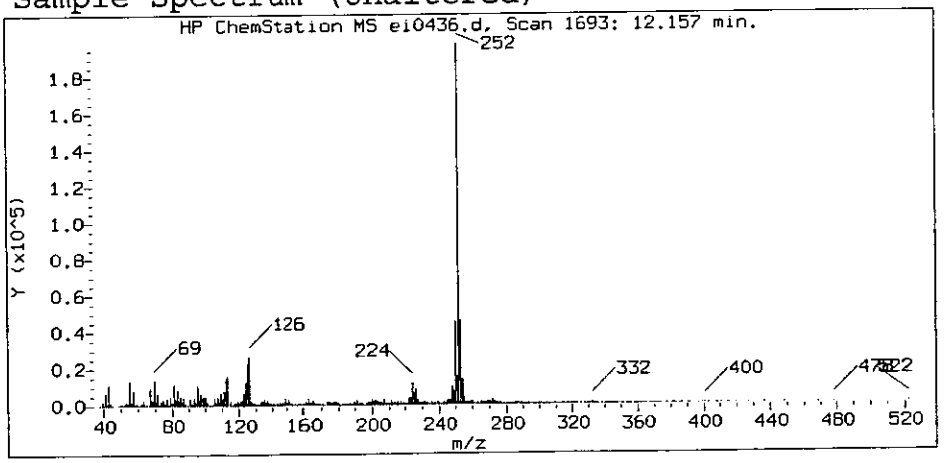


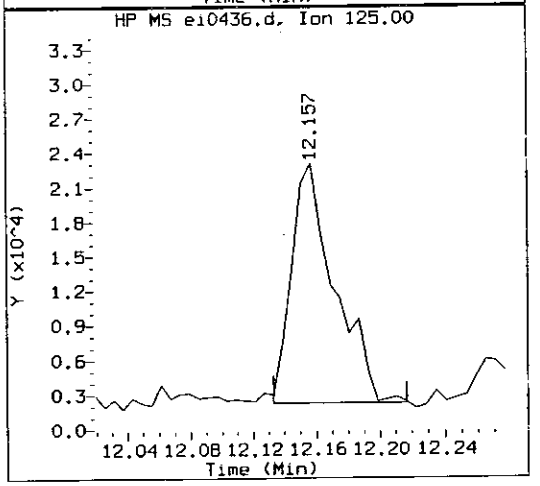
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

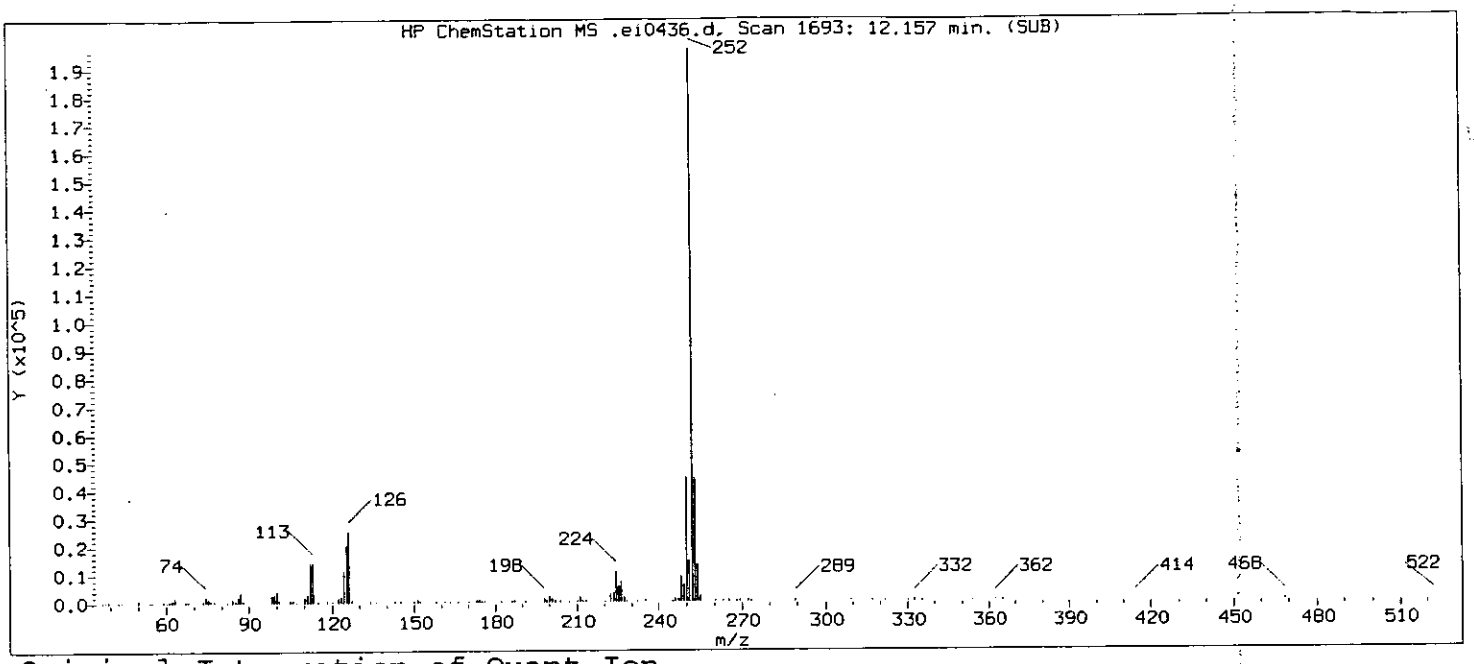
Lab Sample ID: 5454424

Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1693
Retention Time (minutes): 12.157
Quant Ion : 252.0
Area (flag) : 291273 M
Concentration (ng/ul) : 28.1378

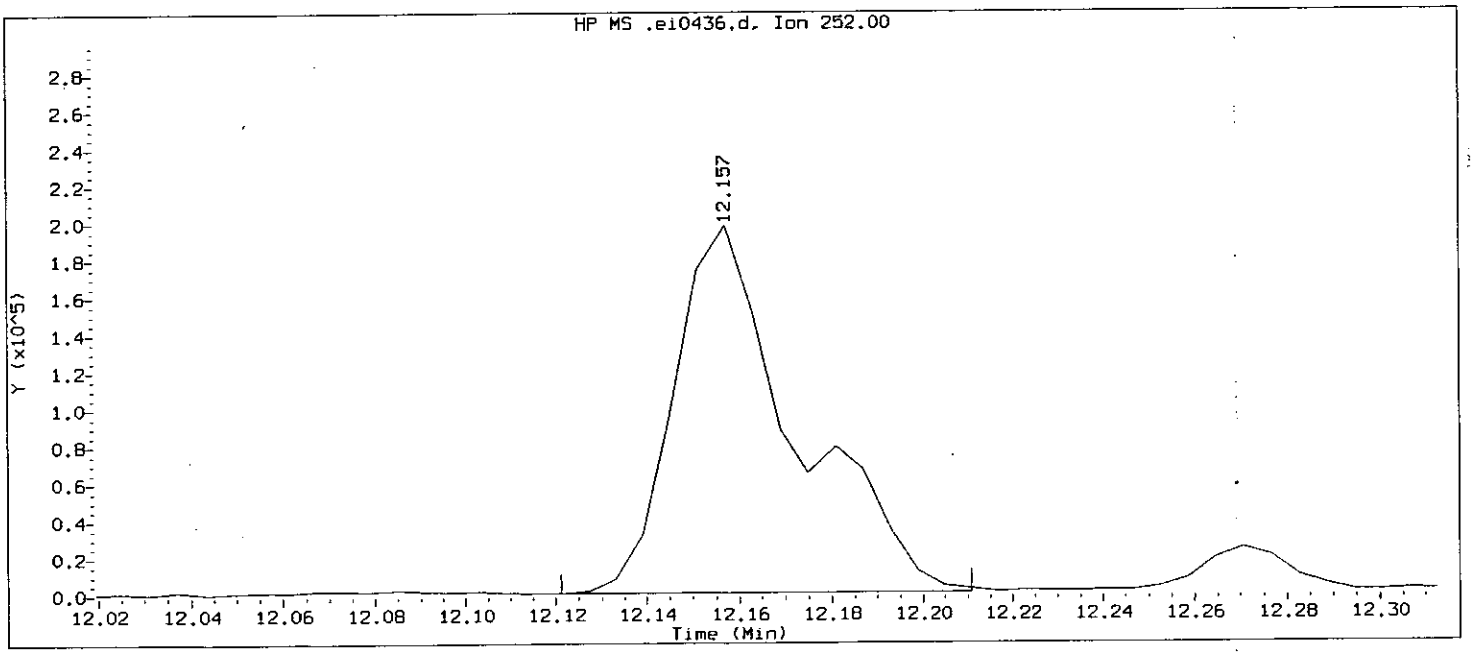
ASX84 #154

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

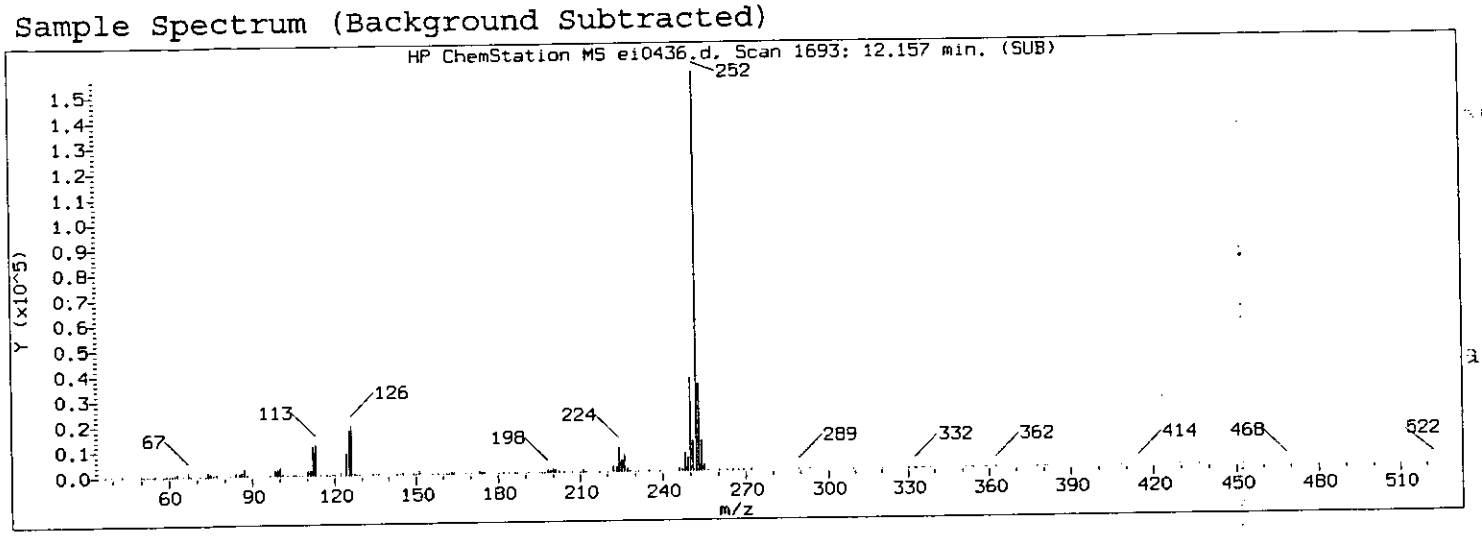
Compound Number	:	173
Compound Name	:	Benzo(b)fluoranthene
Scan Number	:	1693
Retention Time (minutes)	:	12.157
Quant Ion	:	252
Area	:	361732
Concentration (ng/ul)	:	34.9442
Integration start scan	:	1686 Integration stop scan: 1701
Y at integration start	:	939 Y at integration end: 998

MM198 09/09/08

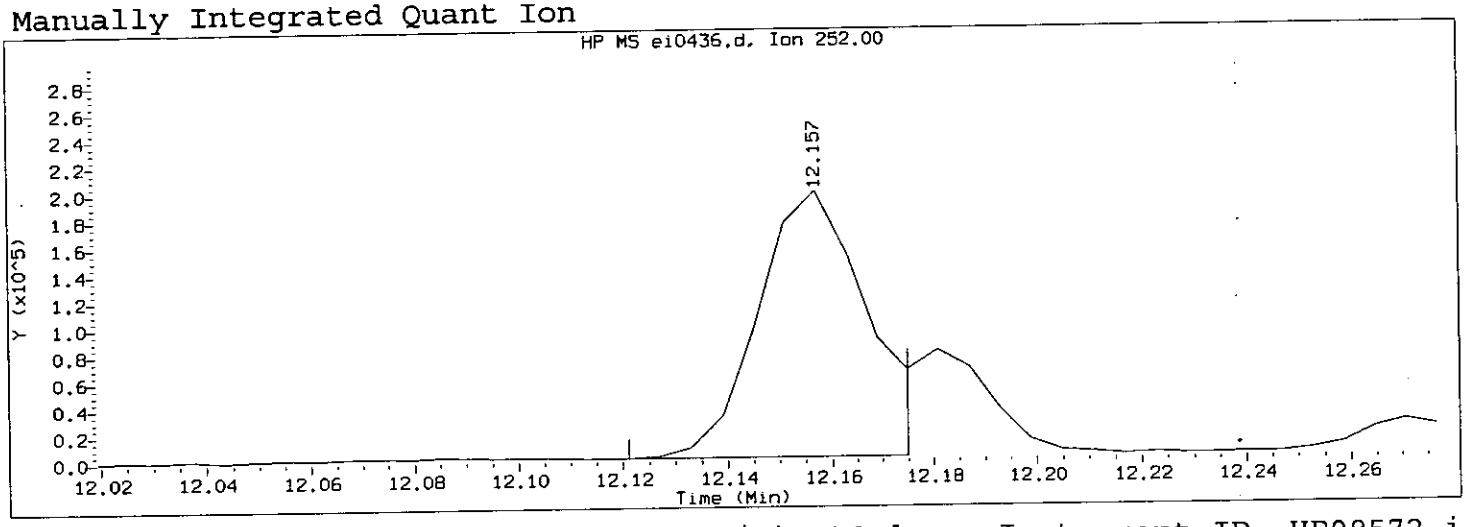
ASX04 0155

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

Lab Sample ID: 5454424

Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1693
Retention Time (minutes): 12.157
Quant Ion : 252
Area (flag) : 291273 M
Concentration (ng/ul) : 28.1378
Integration start scan : 1686 Integration stop scan: 1695
Y at integration start : 939 Y at integration end: 974

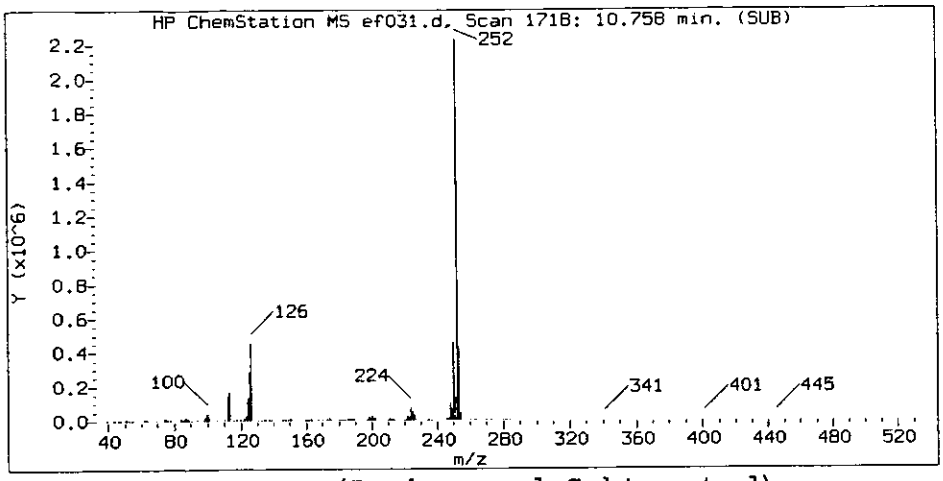
Reason for manual integration (circle one): missed peak improper integration

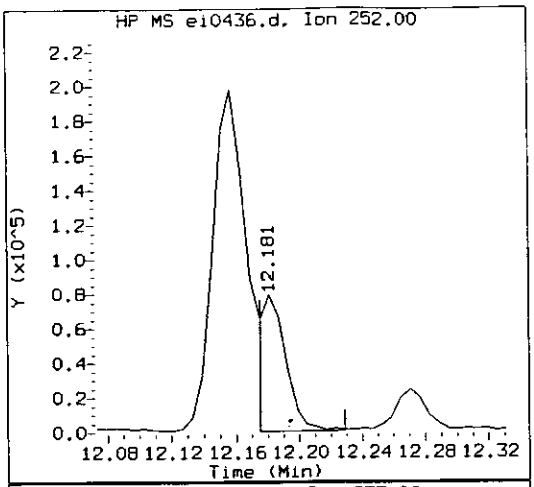
Analyst responsible for change: mnl 09/09/08

GC/MS audit/management approval: 9/10/08

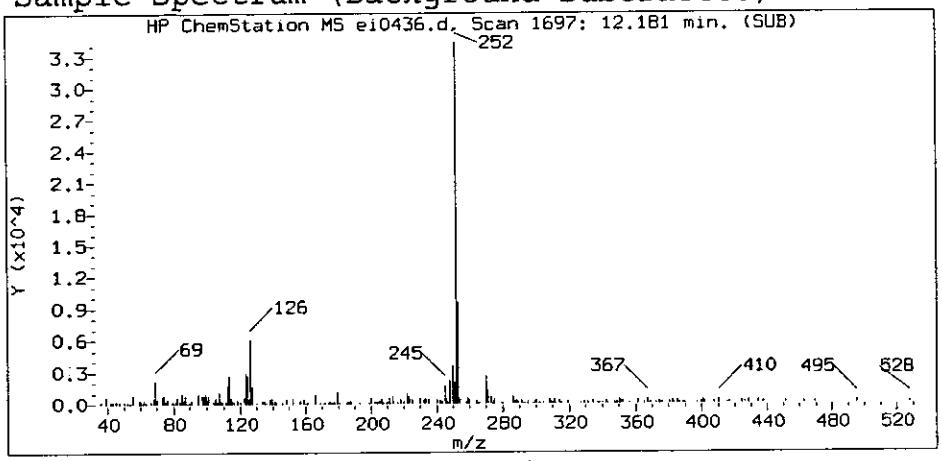
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

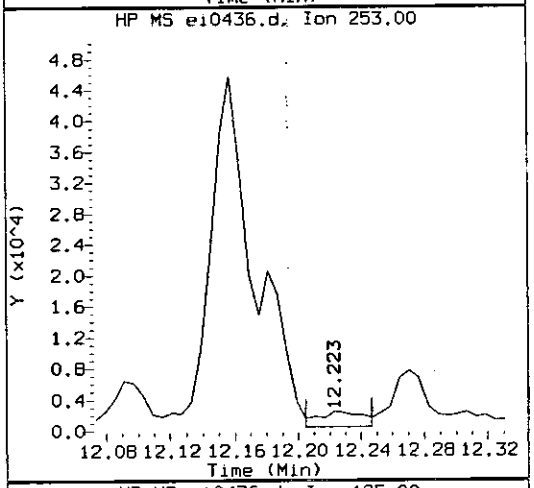
Reference Standard Spectrum for Benzo(k)fluoranthene



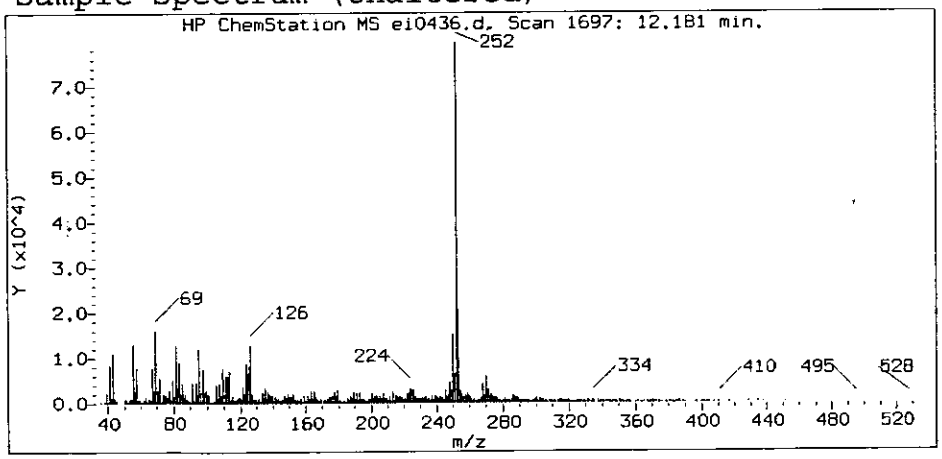


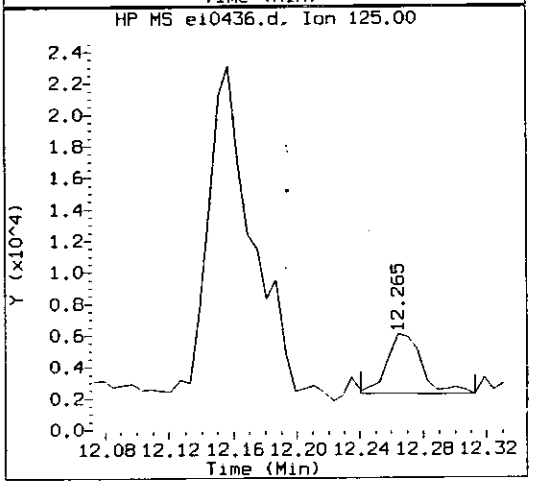
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

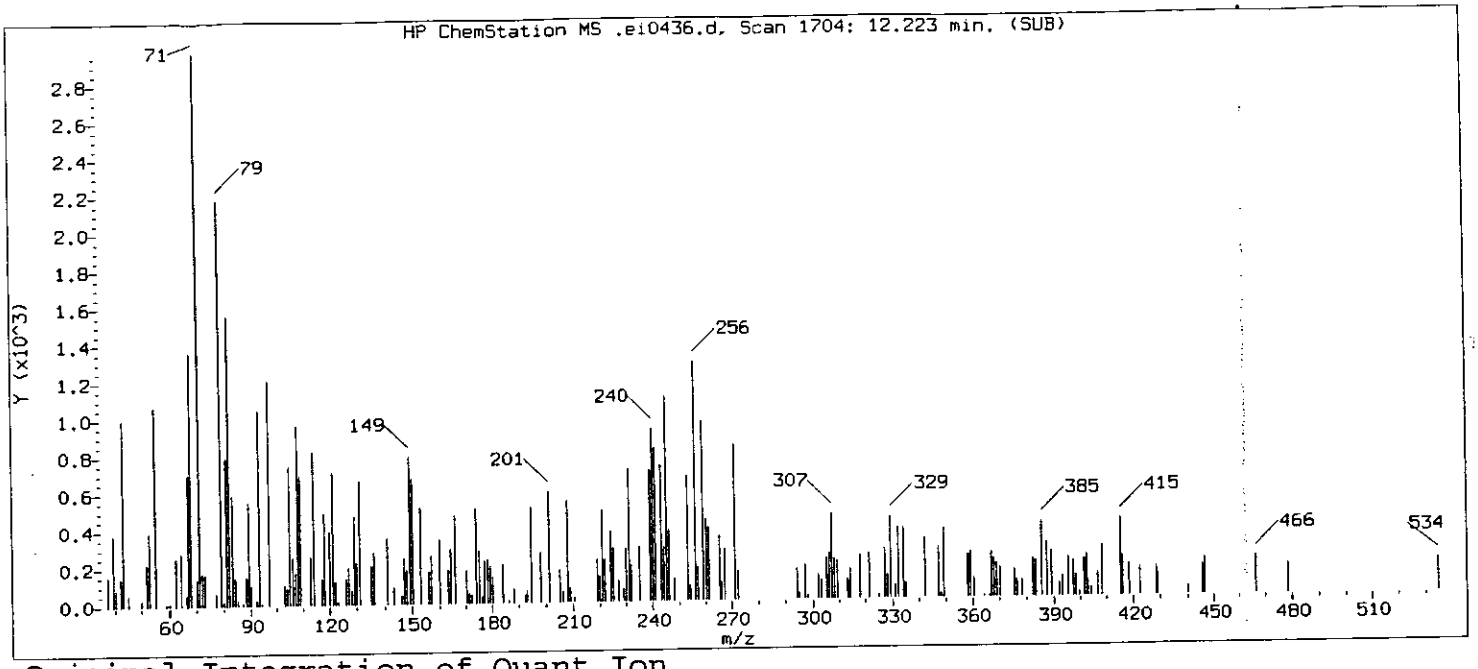
Lab Sample ID: 5454424

Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1697
Retention Time (minutes): 12.181
Quant Ion : 252.0
Area (flag) : 96199 M
Concentration (ng/ul) : 8.9211

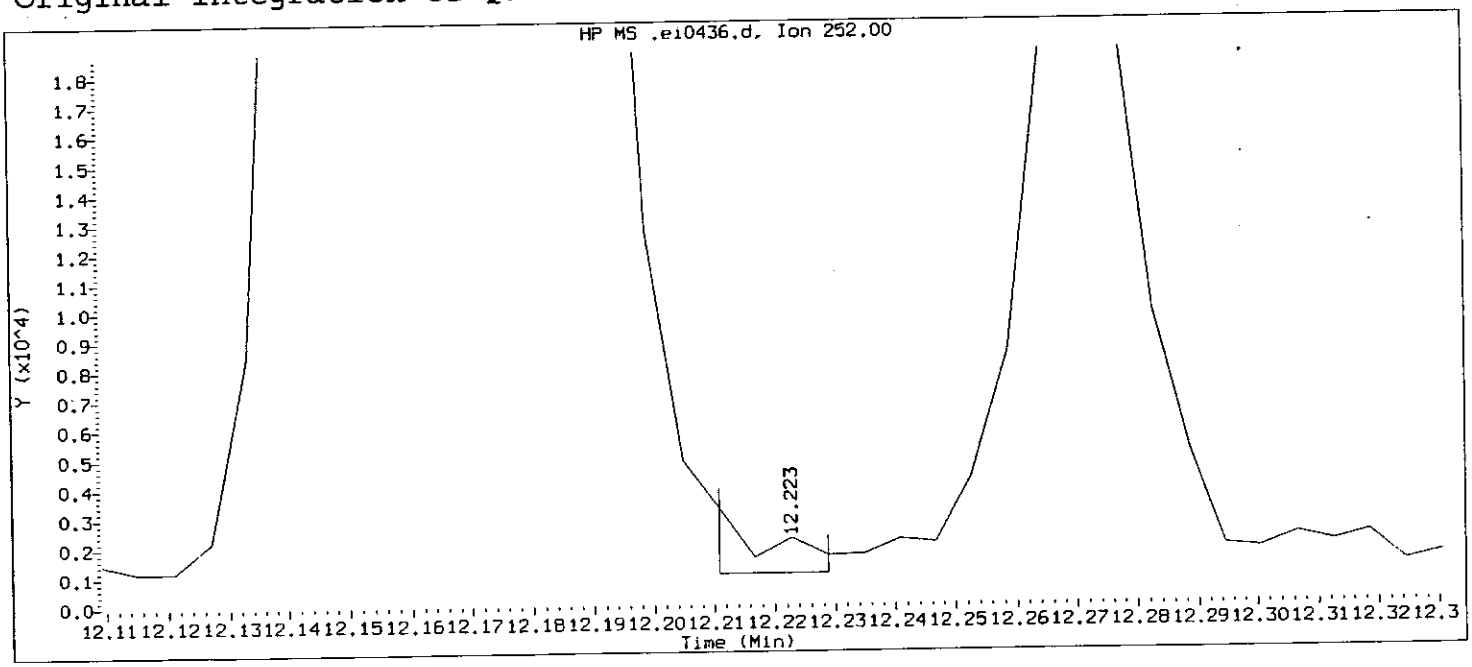
6SX04 8157

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

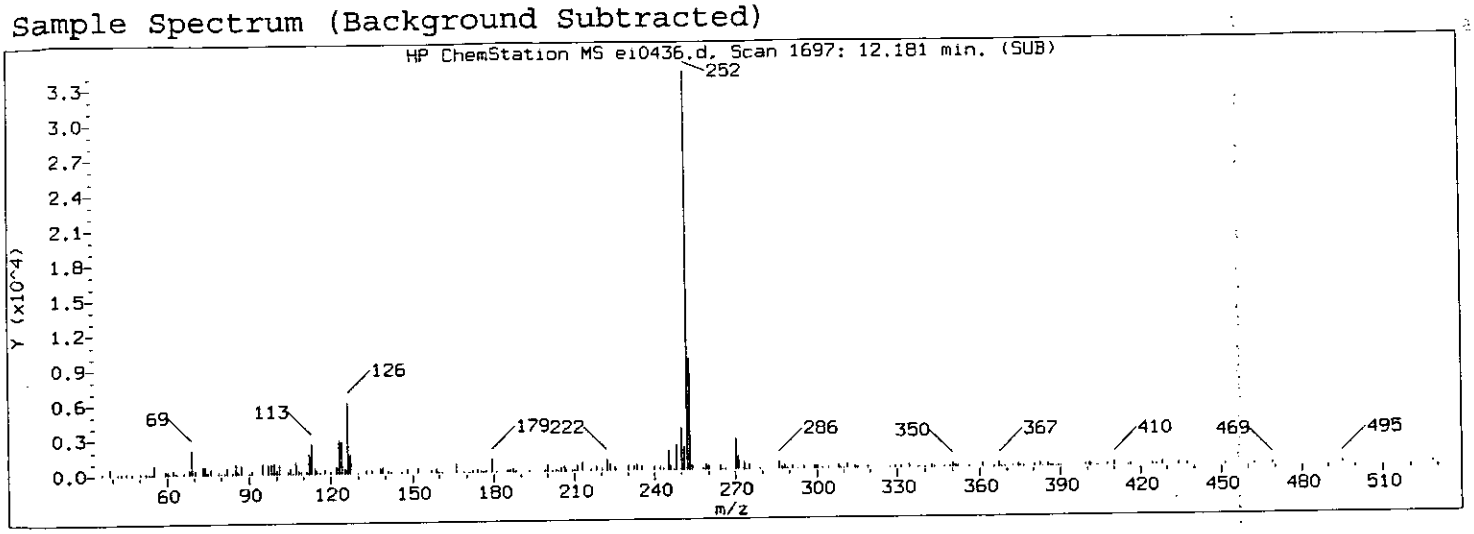
Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1704
Retention Time (minutes)	:	12.223
Quant Ion	:	252
Area	:	1121
Concentration (ng/ul)	:	0.1040
Integration start scan	:	1701 Integration stop scan: 1704
Y at integration start	:	998 Y at integration end: 1007

mm 09/09/08

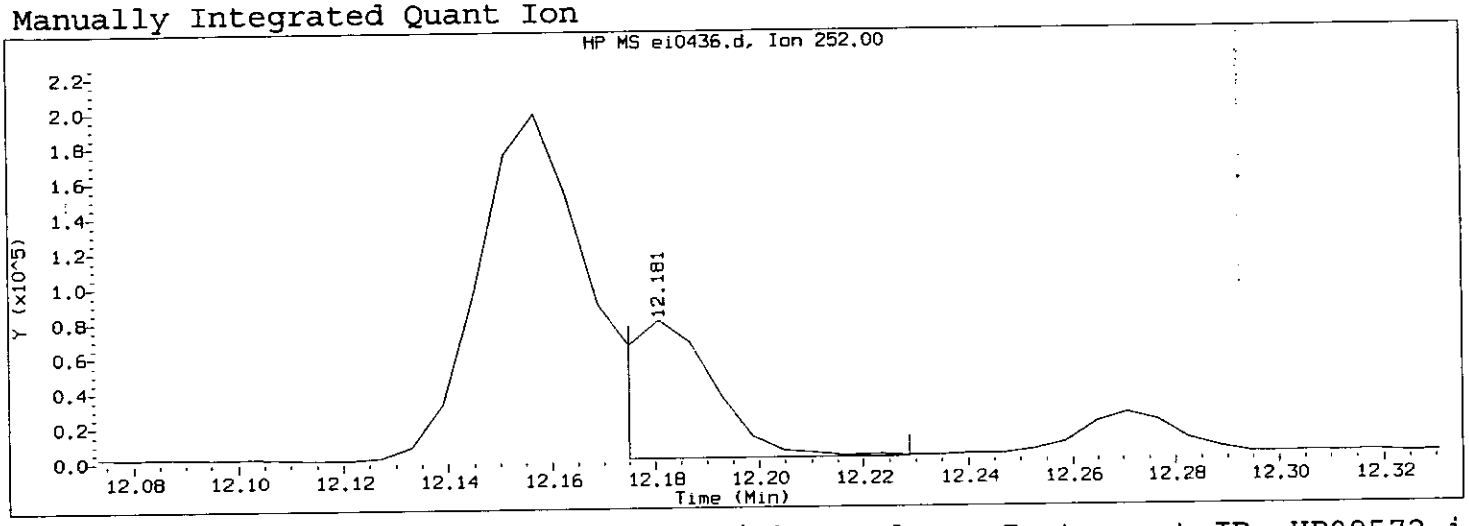
ASX84 8158

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sublist used: STC8

Sample Name: AMS15

Lab Sample ID: 5454424

Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1697
Retention Time (minutes)	:	12.181
Quant Ion	:	252
Area (flag)	:	96199 M
Concentration (ng/ul)	:	8.9211
Integration start scan	:	1695 Integration stop scan: 1704
Y at integration start	:	628 Y at integration end: 628

Reason for manual integration (circle one): missed peak improper integration

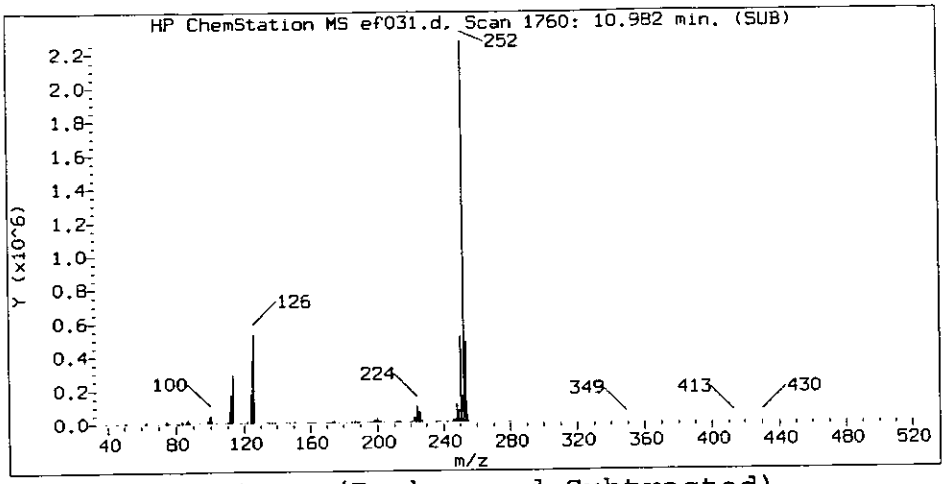
Analyst responsible for change: mn1958 0910 9108

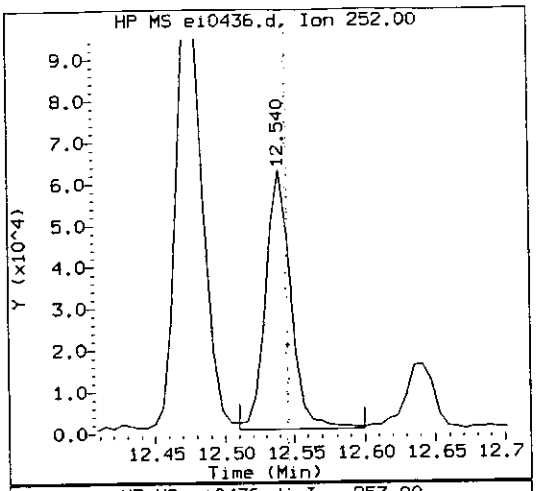
GC/MS audit/management approval: 4/10/08

ASX04 0159

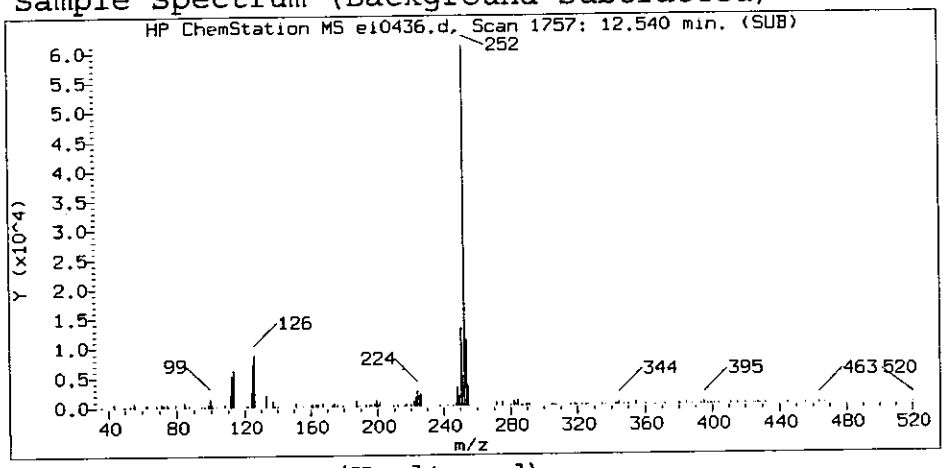
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

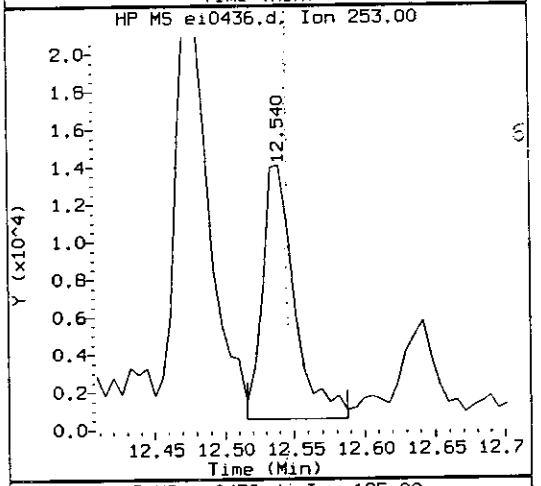
Reference Standard Spectrum for Benzo(a)pyrene



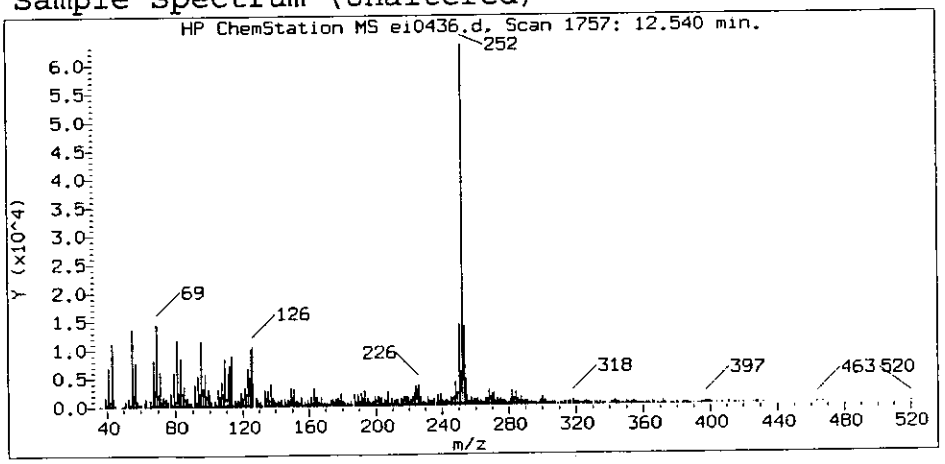


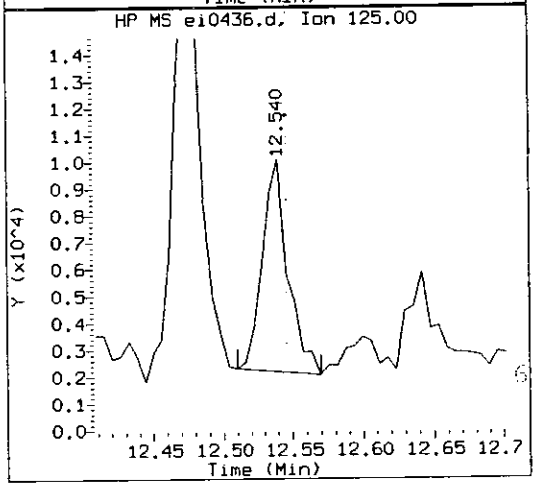
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

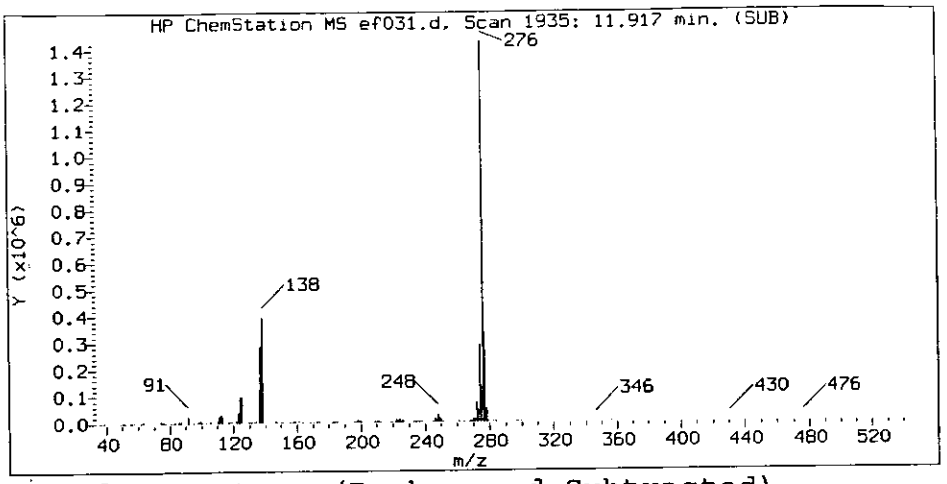
Sample Name: AMS15

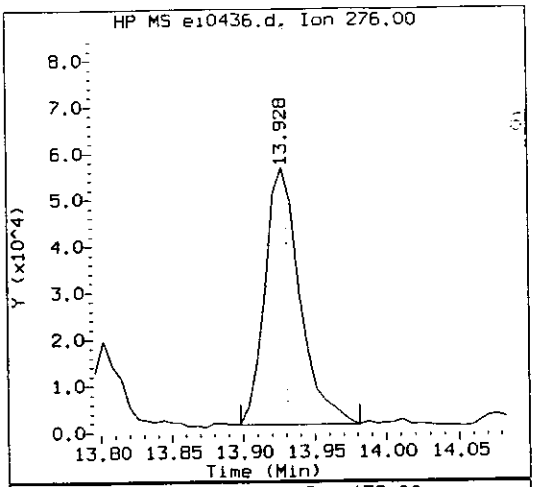
Lab Sample ID: 5454424

Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1757
Retention Time (minutes)	: 12.540
Quant Ion	: 252.0
Area (flag)	: 80576
Concentration (ng/ul)	: 8.5941

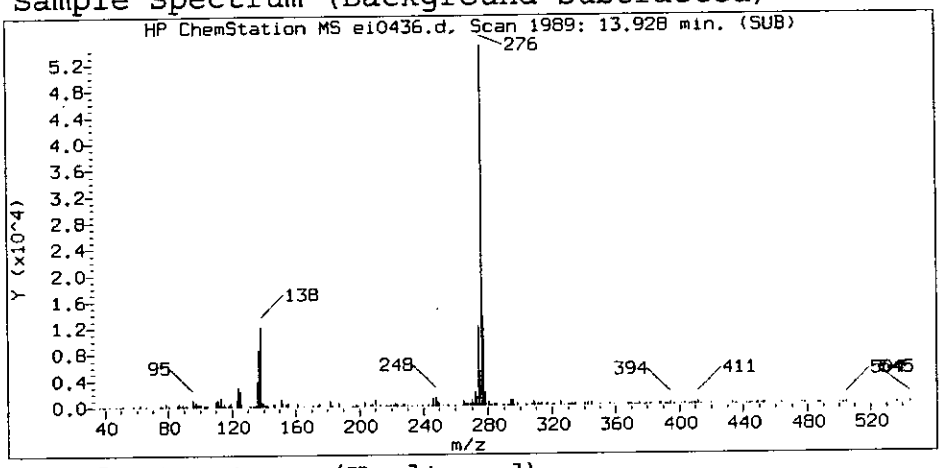
ASX84 8158

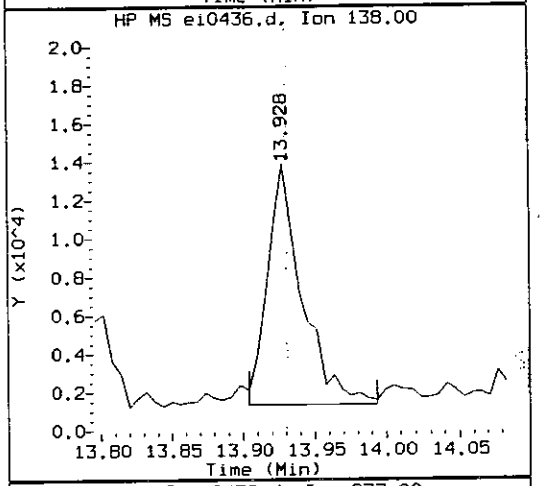
Reference Standard Spectrum for Indeno(1,2,3-cd)pyrene



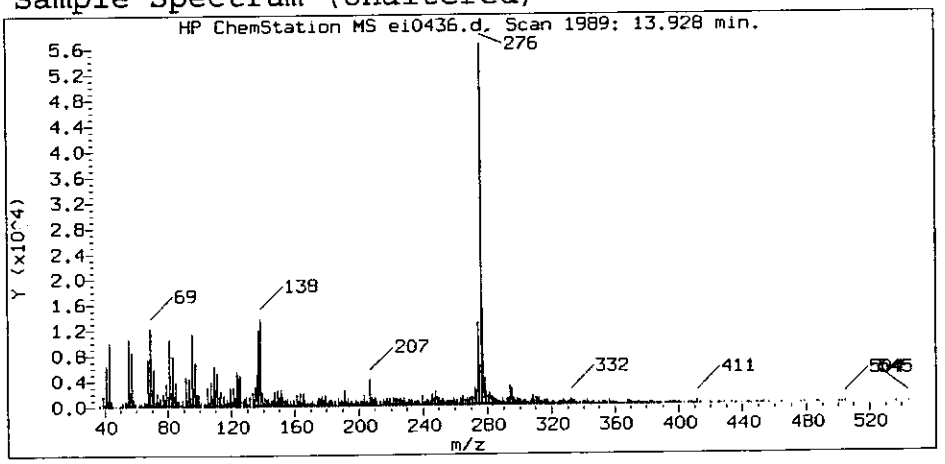


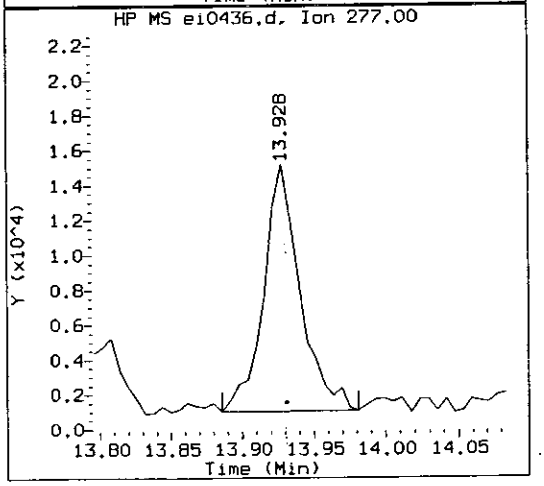
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

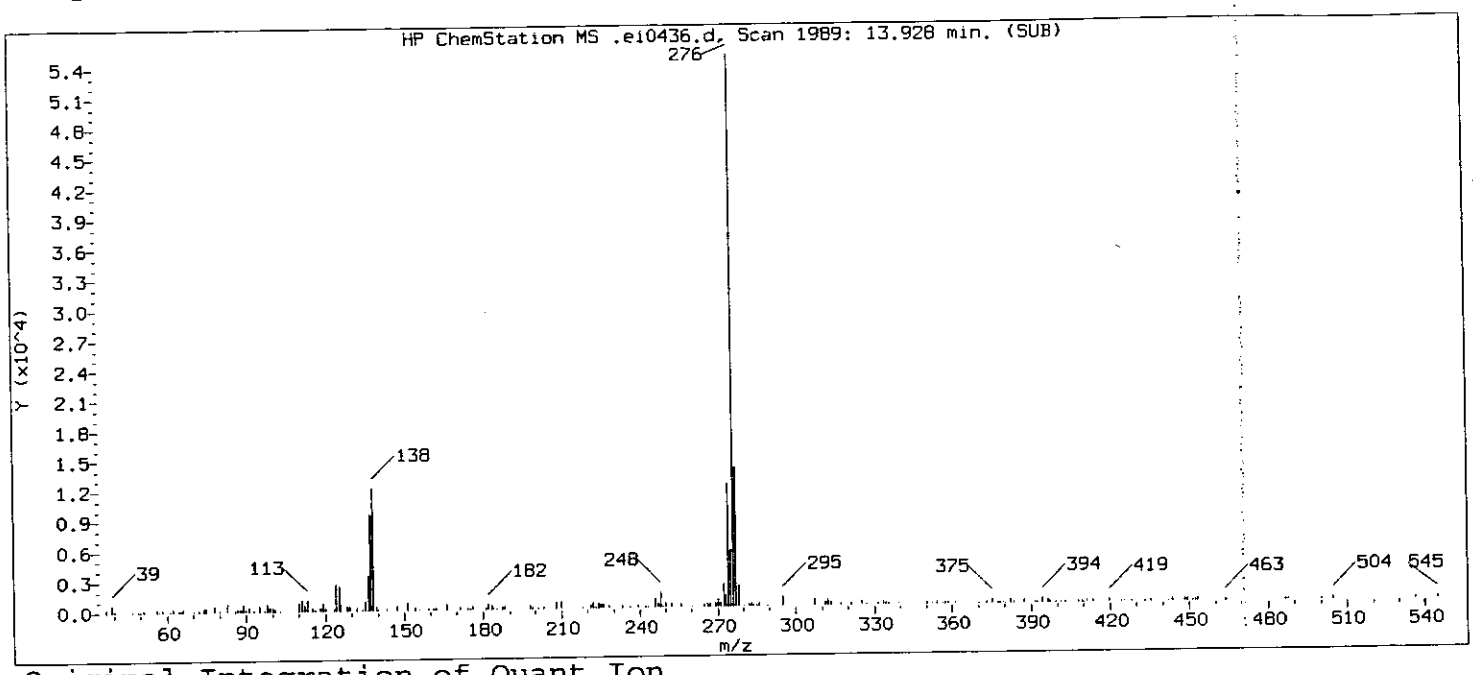
Lab Sample ID: 5454424

Compound Number	: 180
Compound Name	: Indeno(1,2,3-cd)pyrene
Scan Number	: 1989
Retention Time (minutes)	: 13.928
Quant Ion	: 276.0
Area (flag)	: 94121 M
Concentration (ng/ul)	: 8.3866

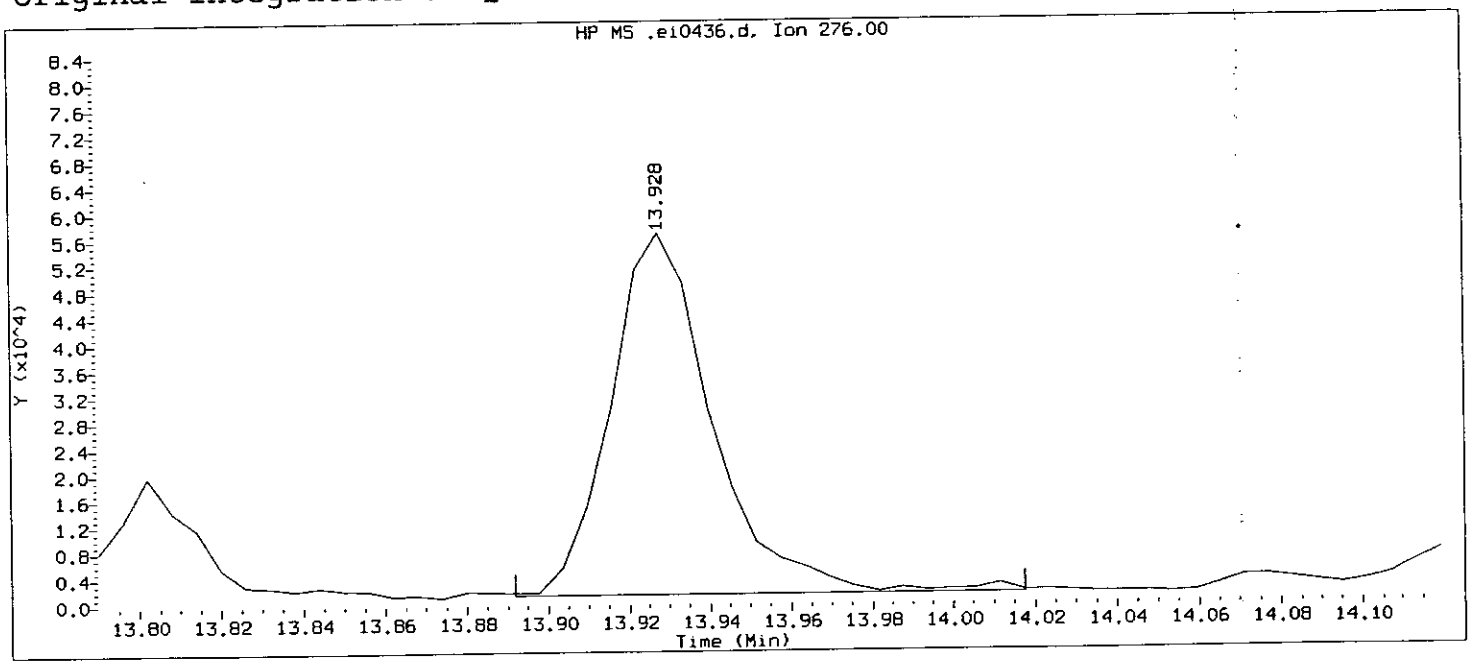
ASX84 0161

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sample Name: AMS15 Lab Sample ID: 5454424

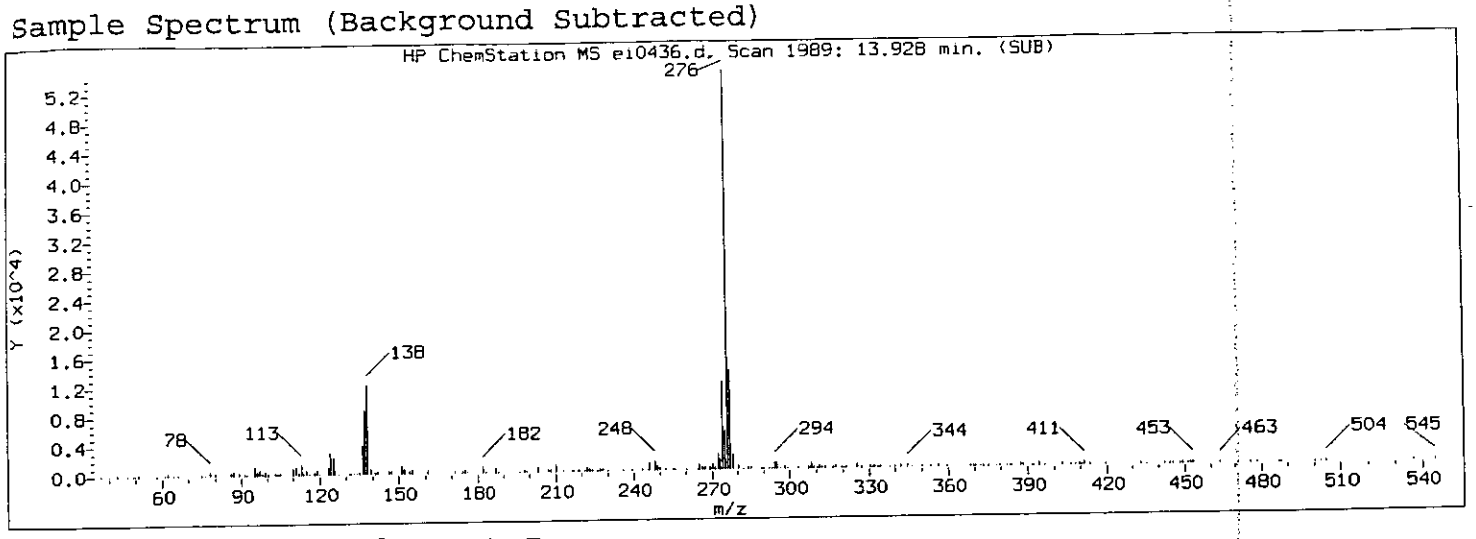
Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276
Area : 96717
Concentration (ng/ul) : 8.6179
Integration start scan : 1982 Integration stop scan: 2003
Y at integration start : 1315 Y at integration end: 1282

MM198 09/09/08

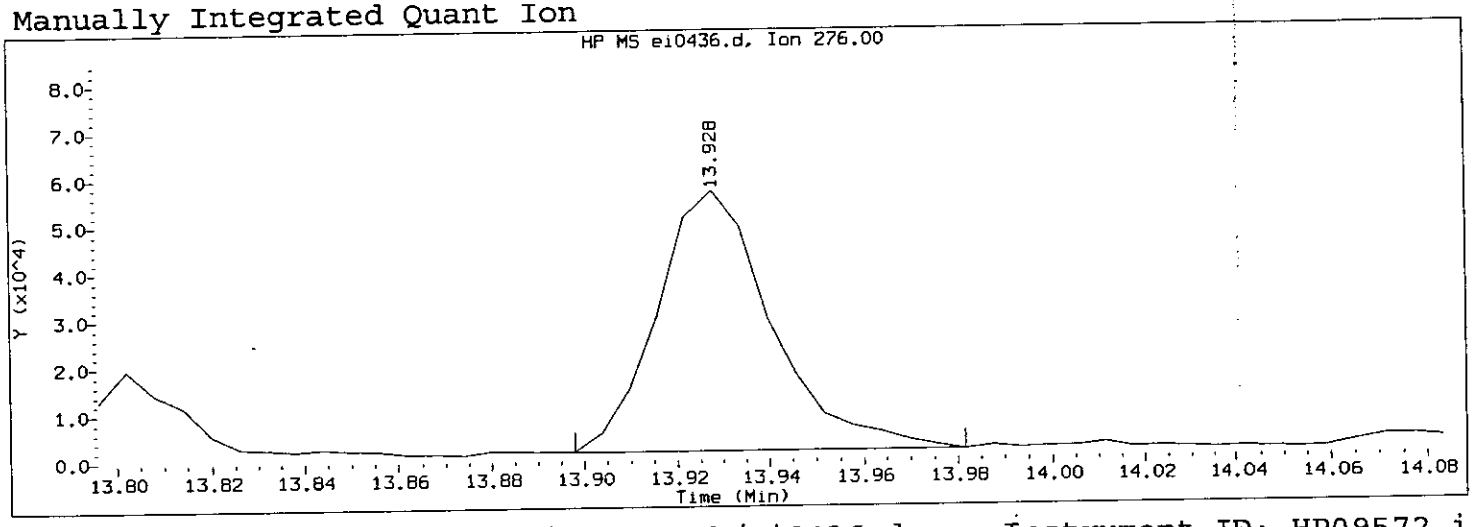
ASX84 8162

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sublist used: STC8

Sample Name: AMS15

Lab Sample ID: 5454424

Compound Number	:	180
Compound Name	:	Indeno(1,2,3-cd)pyrene
Scan Number	:	1989
Retention Time (minutes)	:	13.928
Quant Ion	:	276
Area (flag)	:	94121 M
Concentration (ng/ul)	:	8.3866
Integration start scan	:	1983
Y at integration start	:	1519

Integration stop scan: 1997
Y at integration end: 1519

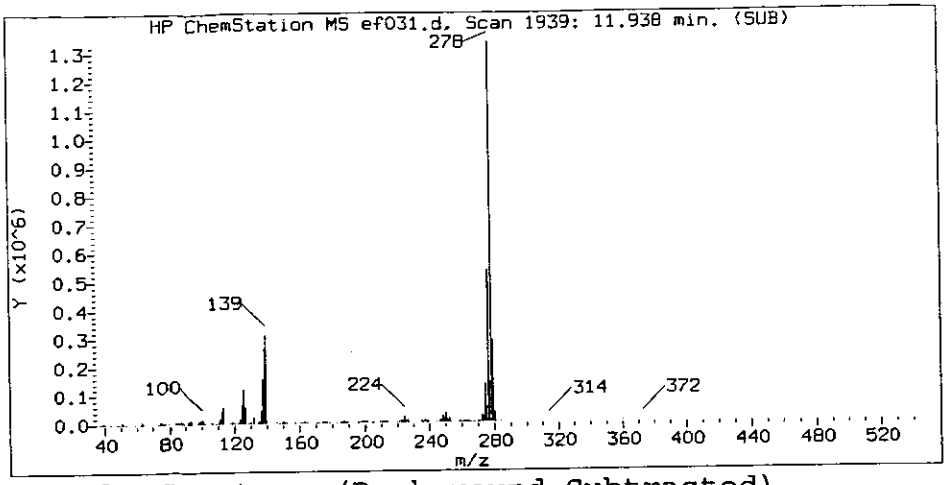
Reason for manual integration (circle one): missed peak improper integration

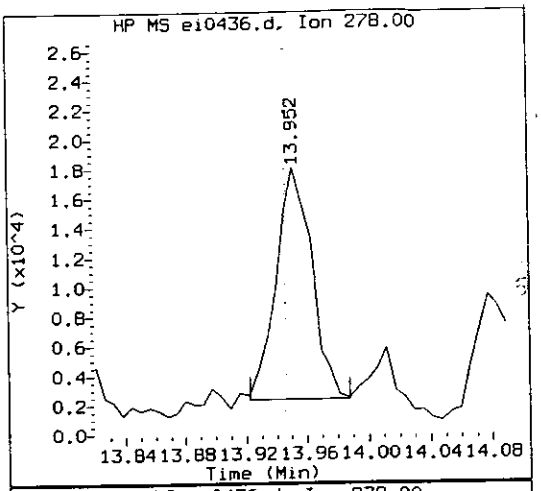
Analyst responsible for change: lmn198 09/09/08

GC/MS audit/management approval: 9/10/08

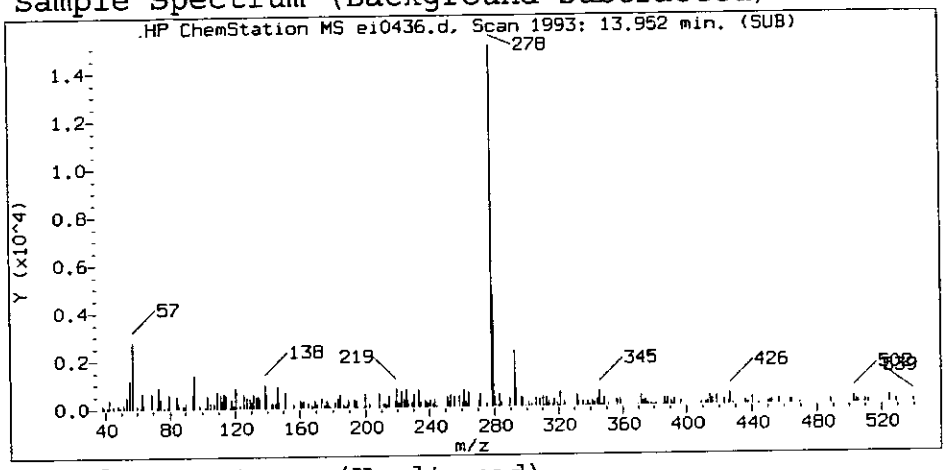
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

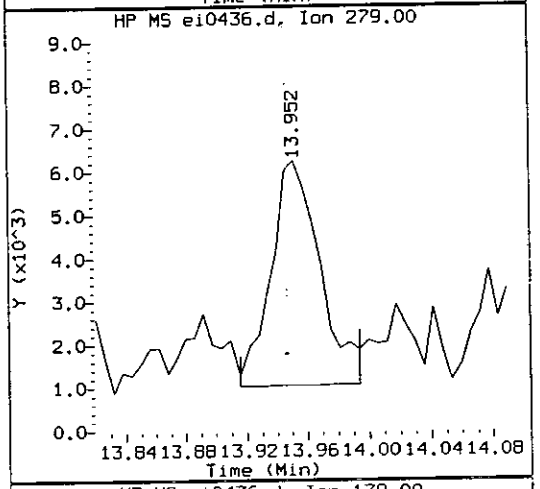
Reference Standard Spectrum for Dibenz(a,h)anthracene



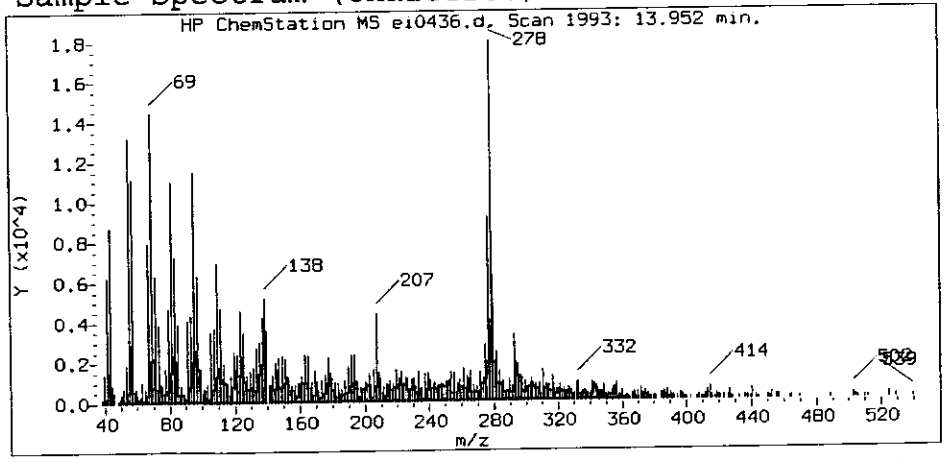


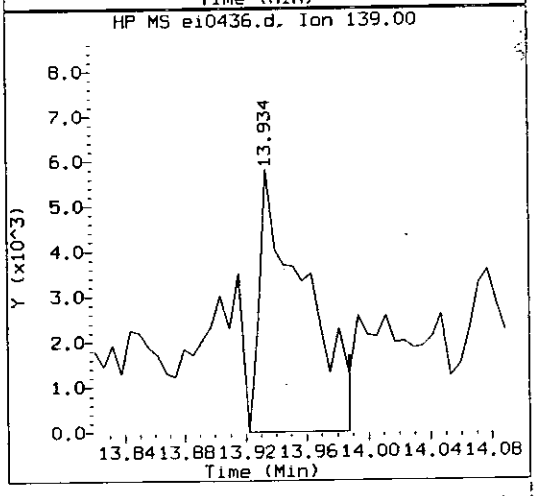
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15

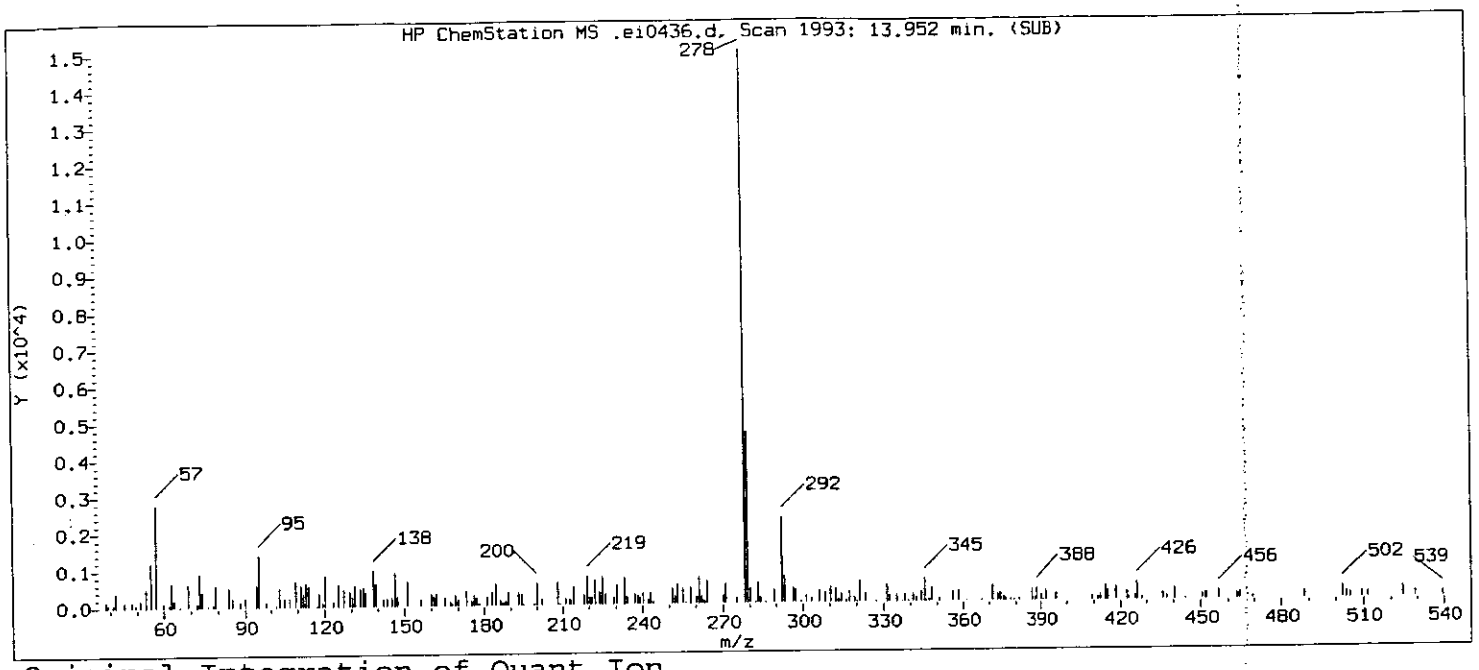
Lab Sample ID: 5454424

Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1993
Retention Time (minutes): 13.952
Quant Ion : 278.0
Area (flag) : 25958 M
Concentration (ng/ul) : 2.9741

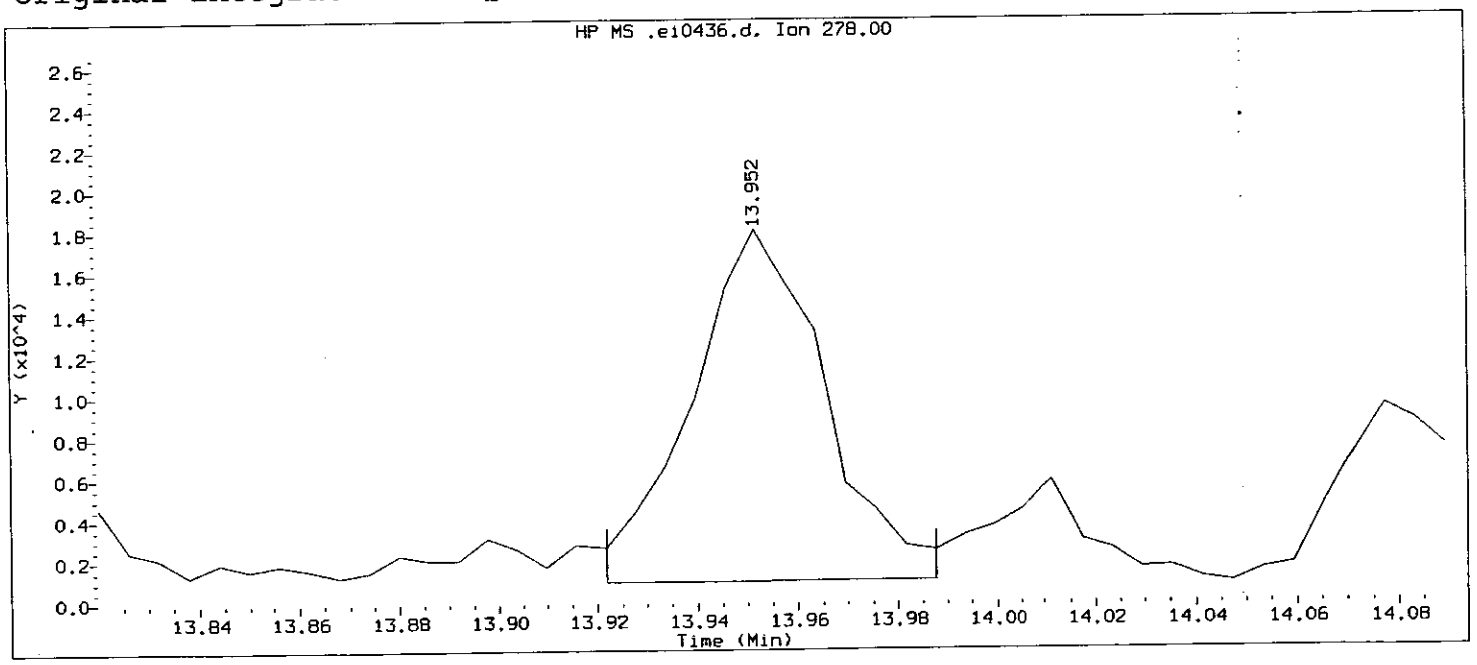
ASX84 0164

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

Sublist used: all1

Sample Name: AMS15

Lab Sample ID: 5454424

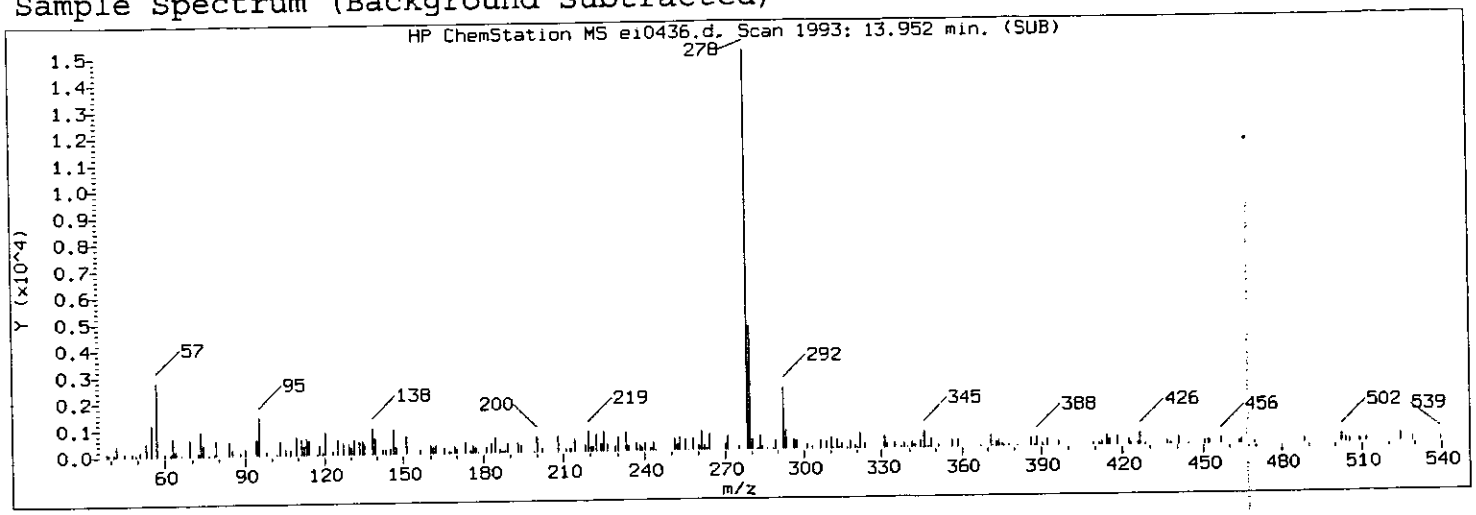
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1993
Retention Time (minutes)	: 13.952
Quant Ion	: 278
Area	: 31329
Concentration (ng/ul)	: 3.5896
Integration start scan	: 1987
Y at integration start	: 963

Integration stop scan: 1998
Y at integration end: 987

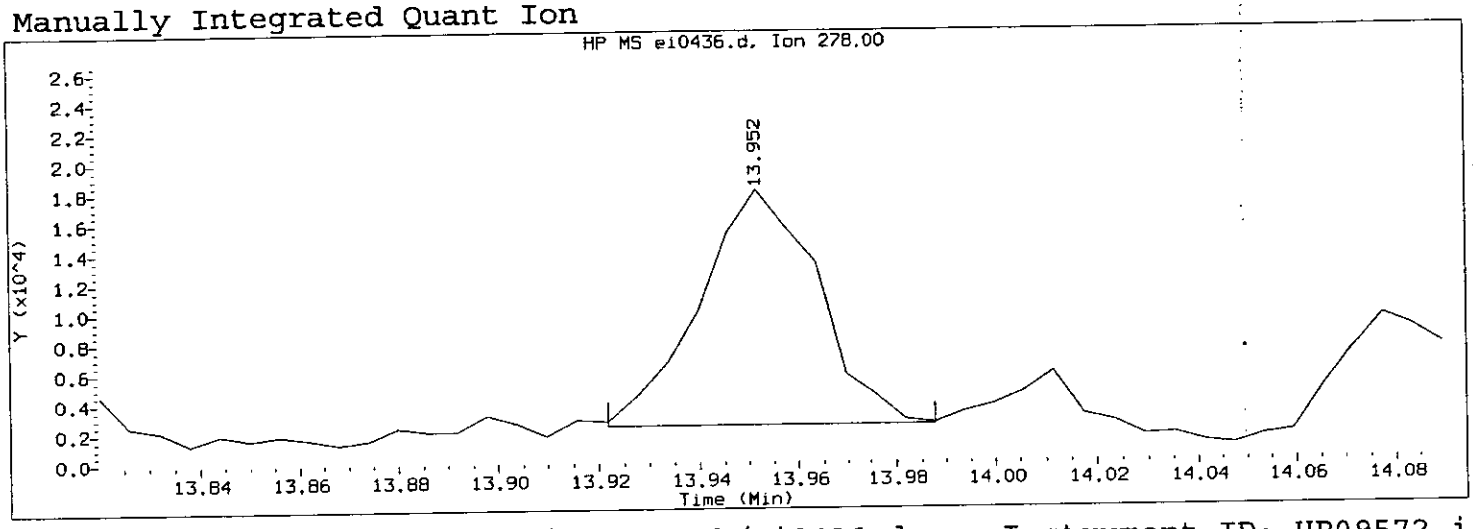
Lmn1986
09/09/08
ASX04 0165

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

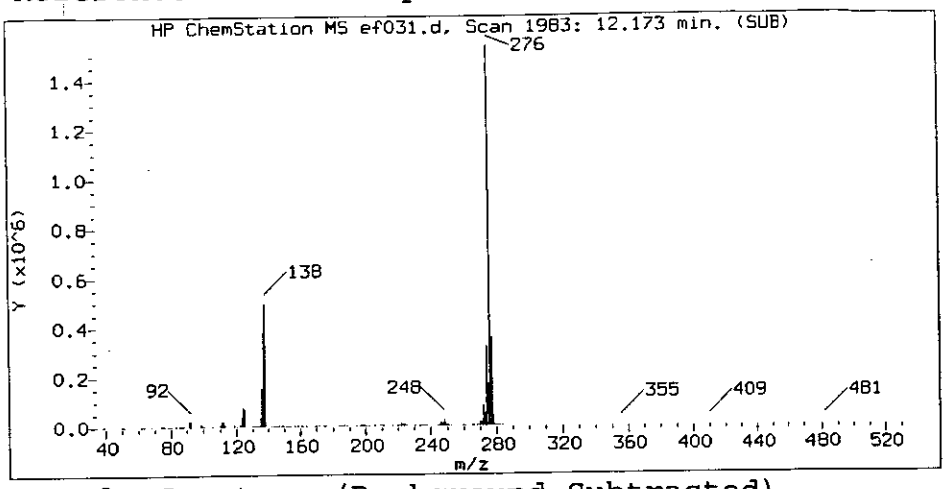
Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1993
Retention Time (minutes): 13.952
Quant Ion : 278
Area (flag) : 25958 M
Concentration (ng/ul) : 2.9741
Integration start scan : 1987 Integration stop scan: 1998
Y at integration start : 2352 Y at integration end: 2352

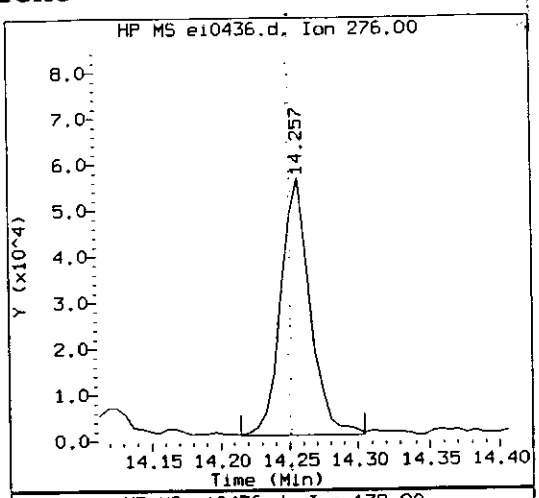
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 09/09/08

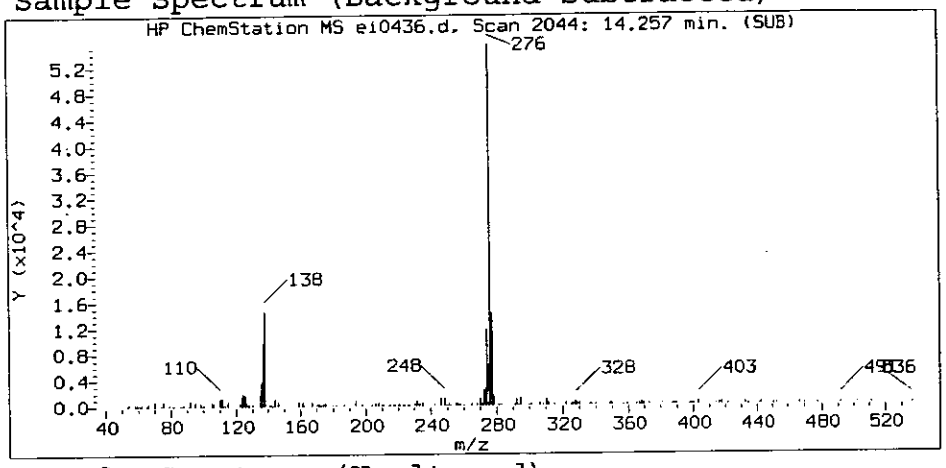
GC/MS audit/management approval: ASXB 9/10/08

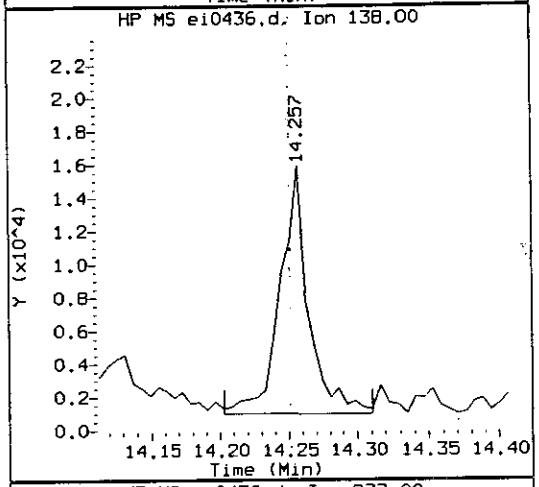
Reference Standard Spectrum for Benzo(g,h,i)perylene



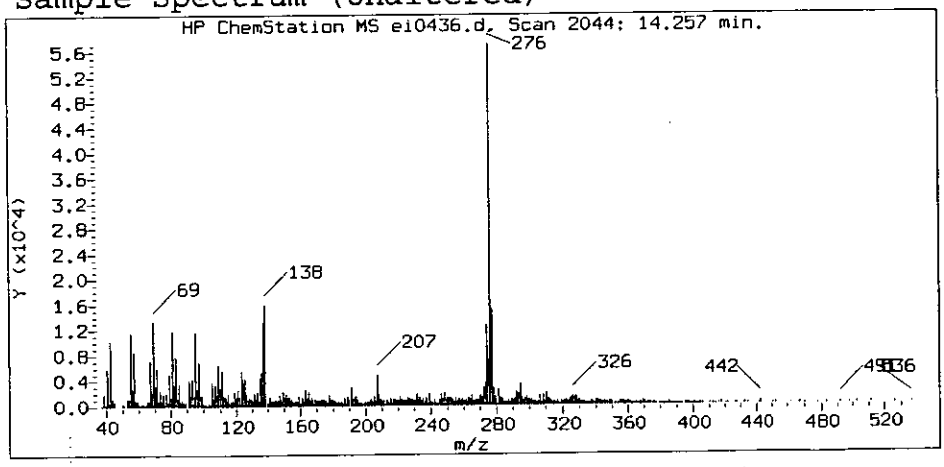


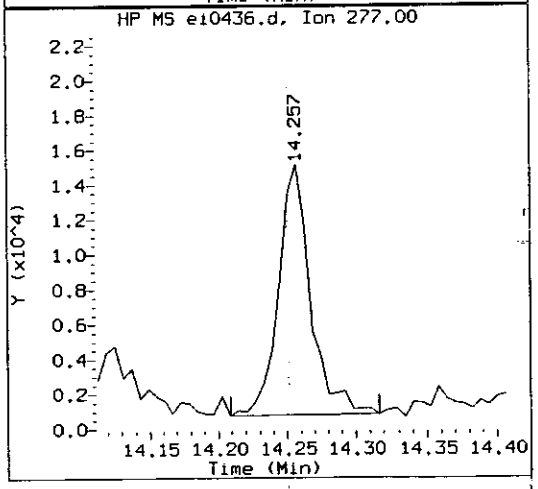
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0436.d
Injection date and time: 09-SEP-2008 19:32

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

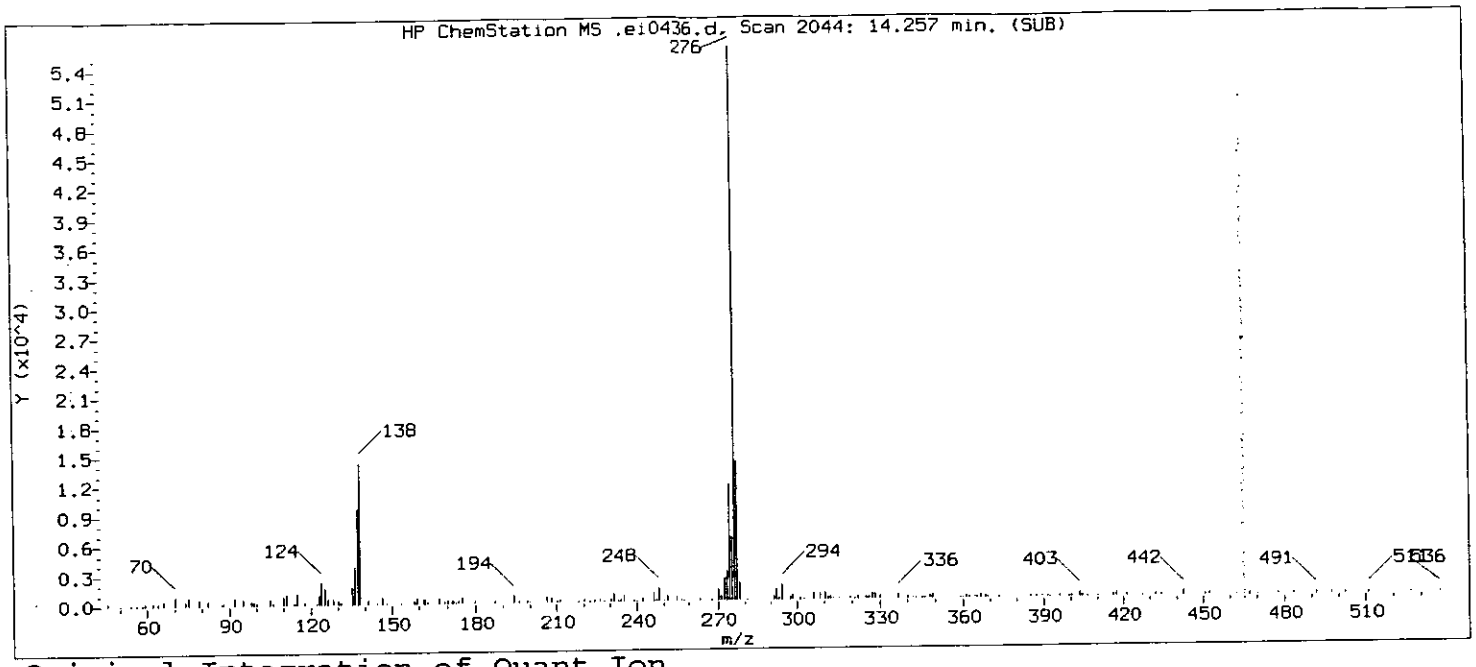
Sample Name: AMS15

Lab Sample ID: 5454424

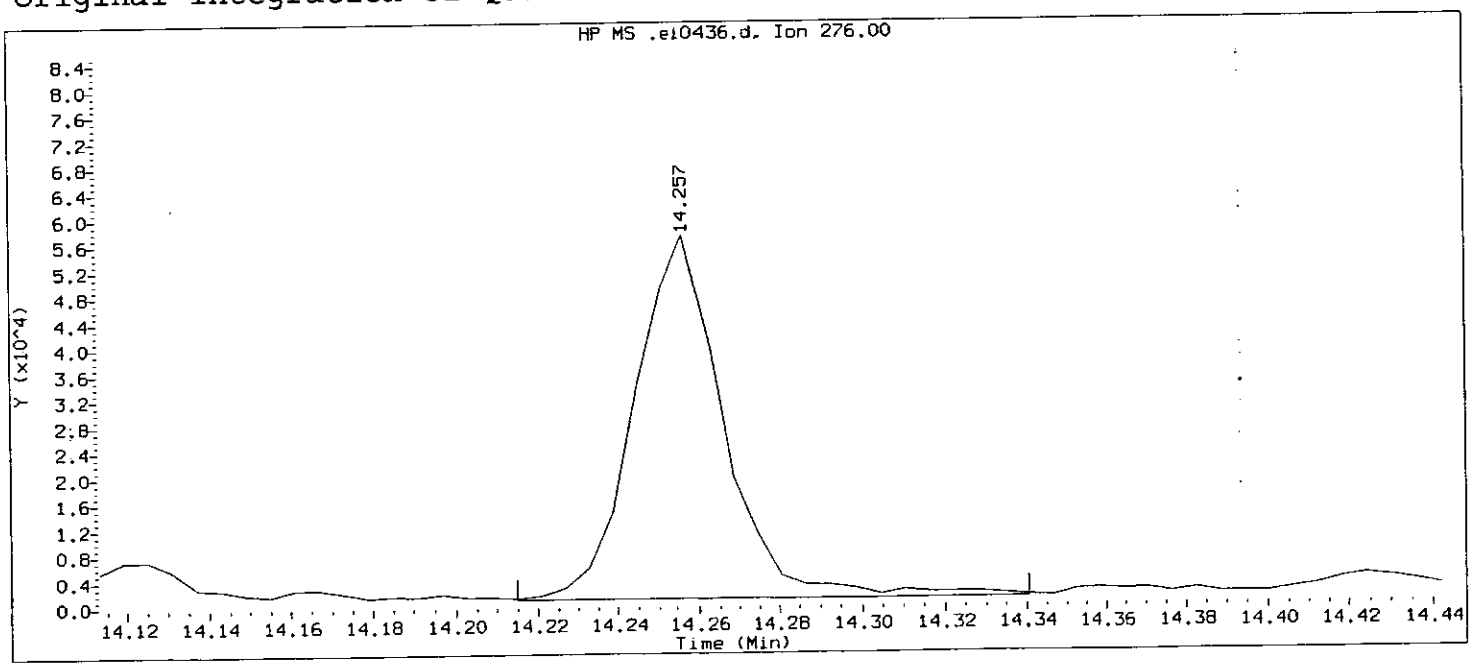
Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2044
Retention Time (minutes): 14.257
Quant Ion : 276.0
Area (flag) : 83837 M
Concentration (ng/ul) : 8.8667

ASX84 8167

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:50 Automation

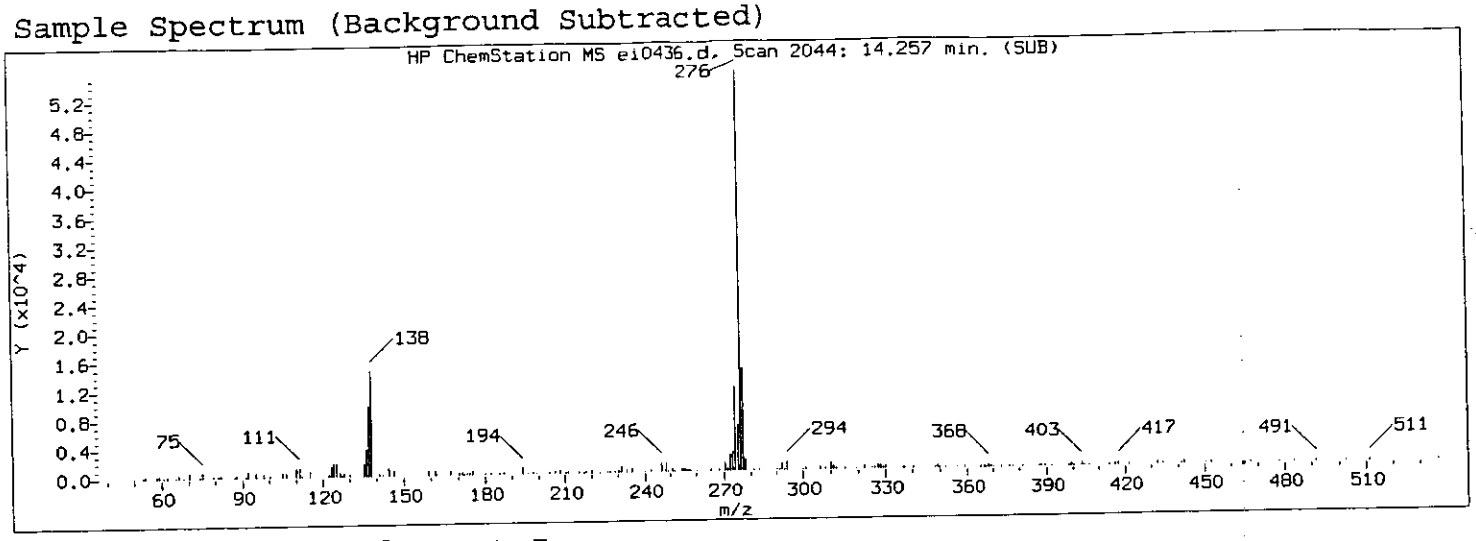
Sample Name: AMS15 Lab Sample ID: 5454424

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2044
Retention Time (minutes): 14.257
Quant Ion : 276
Area : 86446
Concentration (ng/ul) : 9.1427
Integration start scan : 2036 Integration stop scan: 2057
Y at integration start : 953 Y at integration end: 876

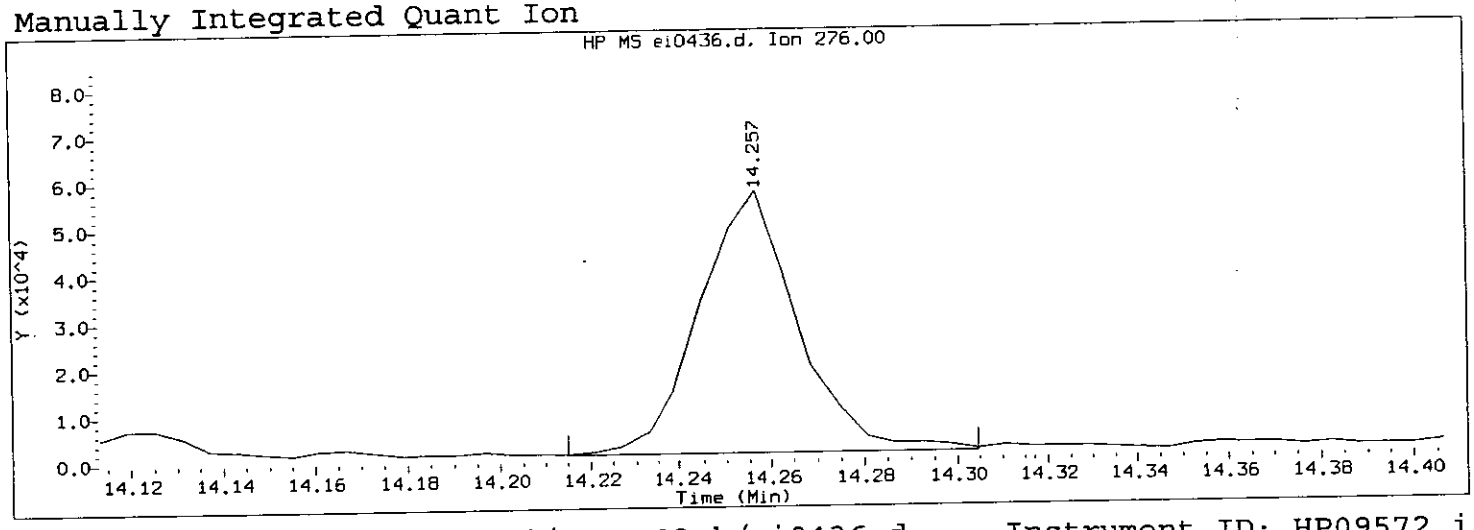
mm19 09/09/08 ASXB4 8168

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0436.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:32 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:49 lmh00956

Sample Name: AMS15 Lab Sample ID: 5454424

Compound Number	: 182	
Compound Name	: Benzo(g,h,i)perylene	
Scan Number	: 2044	
Retention Time (minutes)	: 14.257	
Quant Ion	: 276	
Area (flag)	: 83837 M	
Concentration (ng/ul)	: 8.8667	
Integration start scan	: 2036	Integration stop scan: 2051
Y at integration start	: 1100	Y at integration end: 1100

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn198 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0436.d, generated on 09/09/2008 at 20:49

AMSSY

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454425

Data file: /chem/HP09572.i/08sep09.b/ei0437.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 19:55
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT	(+/-RT)	Scan	QIon	Area	(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966	(0.000)	491	152.0	78508	(4)	40.00	
53) Naphthalene-d8	6.061	(0.000)	674	136.0	372416	(9)	40.00	
98) Acenaphthene-d10	7.527	(0.000)	919	164.0	209213	(-3)	40.00	
136) Phenanthrene-d10	8.747	(0.000)	1123	188.0	340359	(-13)	40.00	
168) Chrysene-d12	10.996	(0.000)	1499	240.0	314157	(-27)	40.00	
176) Perylene-d12	12.612	(-0.006)	1769	264.0	283725	(-19)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.812	(-0.002)	112	593060	157.481	79%		38 - 124
15) Phenol-d6	(1)	4.667	(-0.001)	99	953217	164.144	82%		41 - 120
38) Nitrobenzene-d5	(2)	5.451	(0.000)	82	500691	89.884	90%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970	(0.000)	172	677789	93.755	94%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179	(0.000)	330	181039	157.483	79%		34 - 138
157) Terphenyl-d14	(5)	10.057	(0.000)	244	613497	83.837	84%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)				Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)				Below MDL,	Do not report				1.00
19) 2-Chlorophenol	(1)				Below MDL,	Do not report				1.00
20) 1,3-Dichlorobenzene	(1)				Below MDL,	Do not report				1.00
22) 1,4-Dichlorobenzene	(1)				Below MDL,	Do not report				1.00
25) 1,2-Dichlorobenzene	(1)				Below MDL,	Do not report				1.00
26) 2-Methylphenol	(1)				Below MDL,	Do not report				2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)				Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)				Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)				Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)				Below MDL,	Do not report				1.00
39) Nitrobenzene	(2)				Below MDL,	Do not report				1.00
41) Isophorone	(2)				Below MDL,	Do not report				1.00
43) 2-Nitrophenol	(2)				Below MDL,	Do not report				1.00
45) 2,4-Dimethylphenol	(2)				Below MDL,	Do not report				2.00
47) bis(2-Chloroethoxy)methane	(2)				Below MDL,	Do not report				1.00
50) 2,4-Dichlorophenol	(2)				Below MDL,	Do not report				1.00
51) 1,2,4-Trichlorobenzene	(2)				Below MDL,	Do not report				1.00
54) Naphthalene	(2)	6.079	(0.000)	128	52941	5.235	174.50			1.00
56) 4-Chloroaniline	(2)				Below MDL,	Do not report				2.00
60) Hexachlorobutadiene	(2)					ND	ND			2.00
68) 4-Chloro-3-methylphenol	(2)				Below MDL,	Do not report				2.00

ASX64 8170

AMSSY

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454425

Data file: /chem/HP09572.i/08sep09.b/ei0437.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 19:55 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	63104	9.380	312.66			1.00
72) Hexachlorocyclopentadiene	(3)			Below MDL, Do not report					5.00
75) 2,4,6-Trichlorophenol	(3)			Below MDL, Do not report					1.00
77) 2,4,5-Trichlorophenol	(3)			Below MDL, Do not report					2.00
84) 2-Chloronaphthalene	(3)			Below MDL, Do not report					1.00
89) 2-Nitroaniline	(3)			Below MDL, Do not report					1.00
92) Dimethylphthalate	(3)			Below MDL, Do not report					2.00
94) 2,6-Dinitrotoluene	(3)			Below MDL, Do not report					1.00
95) Acenaphthylene	(3)	7.407(0.001)	152	35540	3.683	122.75			1.00
97) 3-Nitroaniline	(3)			Below MDL, Do not report					2.00
99) Acenaphthene	(3)			Below MDL, Do not report					1.00
100) 2,4-Dinitrophenol	(3)			Below MDL, Do not report					20.00
103) 4-Nitrophenol	(3)			Below MDL, Do not report					5.00
104) Dibenzofuran	(3)	7.694(0.000)	168	26742	2.935	97.84			1.00
105) 2,4-Dinitrotoluene	(3)			Below MDL, Do not report					2.00
109) Diethylphthalate	(3)			Below MDL, Do not report					2.00
111) Fluorene	(3)			Below MDL, Do not report					1.00
112) 4-Chlorophenyl-phenylether	(3)			Below MDL, Do not report					1.00
114) 4-Nitroaniline	(3)			Below MDL, Do not report					2.00
115) 4,6-Dinitro-2-methylphenol	(4)			Below MDL, Do not report					5.00
117) N-Nitrosodiphenylamine	(4)			Below MDL, Do not report					1.00
126) 4-Bromophenyl-phenylether	(4)				ND	ND			1.00
128) Hexachlorobenzene	(4)			Below MDL, Do not report					1.00
132) Pentachlorophenol	(4)			Below MDL, Do not report					5.00
138) Phenanthrene	(4)	8.765(0.001)	178	86505	9.668	322.28			1.00
139) Anthracene	(4)	8.807(0.001)	178	42299	4.429	147.64			1.00
141) Carbazole	(4)	8.944(0.000)	167	18938	2.001	66.69			1.00
143) Di-n-butylphthalate	(4)			Below MDL, Do not report					2.00
148) Fluoranthene	(4)	9.740(0.000)	202	151465	14.379	479.28			1.00
155) Pyrene	(5)	9.926(0.001)	202	129617	13.901	463.37			1.00
162) Butylbenzylphthalate	(5)			Below MDL, Do not report					2.00
165) 3,3'-Dichlorobenzidine	(5)			Below MDL, Do not report					3.00
167) Benzo(a)anthracene	(5)	10.984(0.001)	228	109343	12.057	401.90			1.00
169) Chrysene	(5)	11.020(0.001)	228	168176	19.435	647.82			1.00
170) bis(2-Ethylhexyl)phthalate	(5)			Below MDL, Do not report					2.00
171) Di-n-octylphthalate	(6)			Below MDL, Do not report					2.00
173) Benzo(b)fluoranthene	(6)	12.157(0.001)	252	297146	28.634	954.48			1.00
174) Benzo(k)fluoranthene	(6)	12.181(0.001)	252	104550	9.672	322.39			1.00
175) Benzo(a)pyrene	(6)	12.540(0.001)	252	104869	11.158	371.92			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.928(0.001)	276	99634	8.856	295.20			1.00
181) Dibenz(a,h)anthracene	(6)	13.952(0.002)	278	30356	3.469	115.65			1.00

ASX04 8171

AMSSY

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5454425

Data file: /chem/HP09572.i/08sep09.b/ei0437.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 19:55 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.257	(0.001)	276	85883	9.061	302.02			1.00

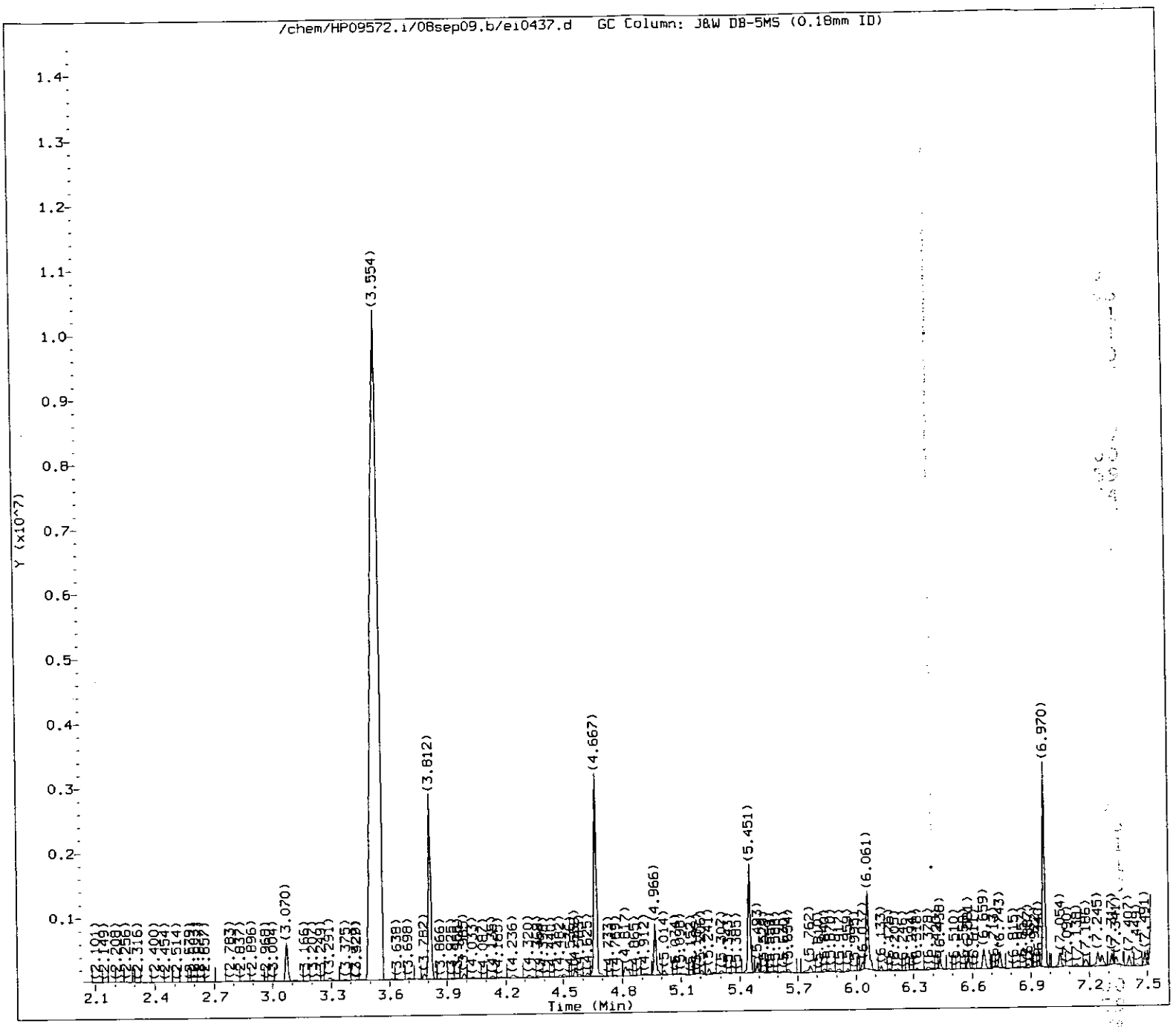
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 09/10/08

ASX84 8172



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

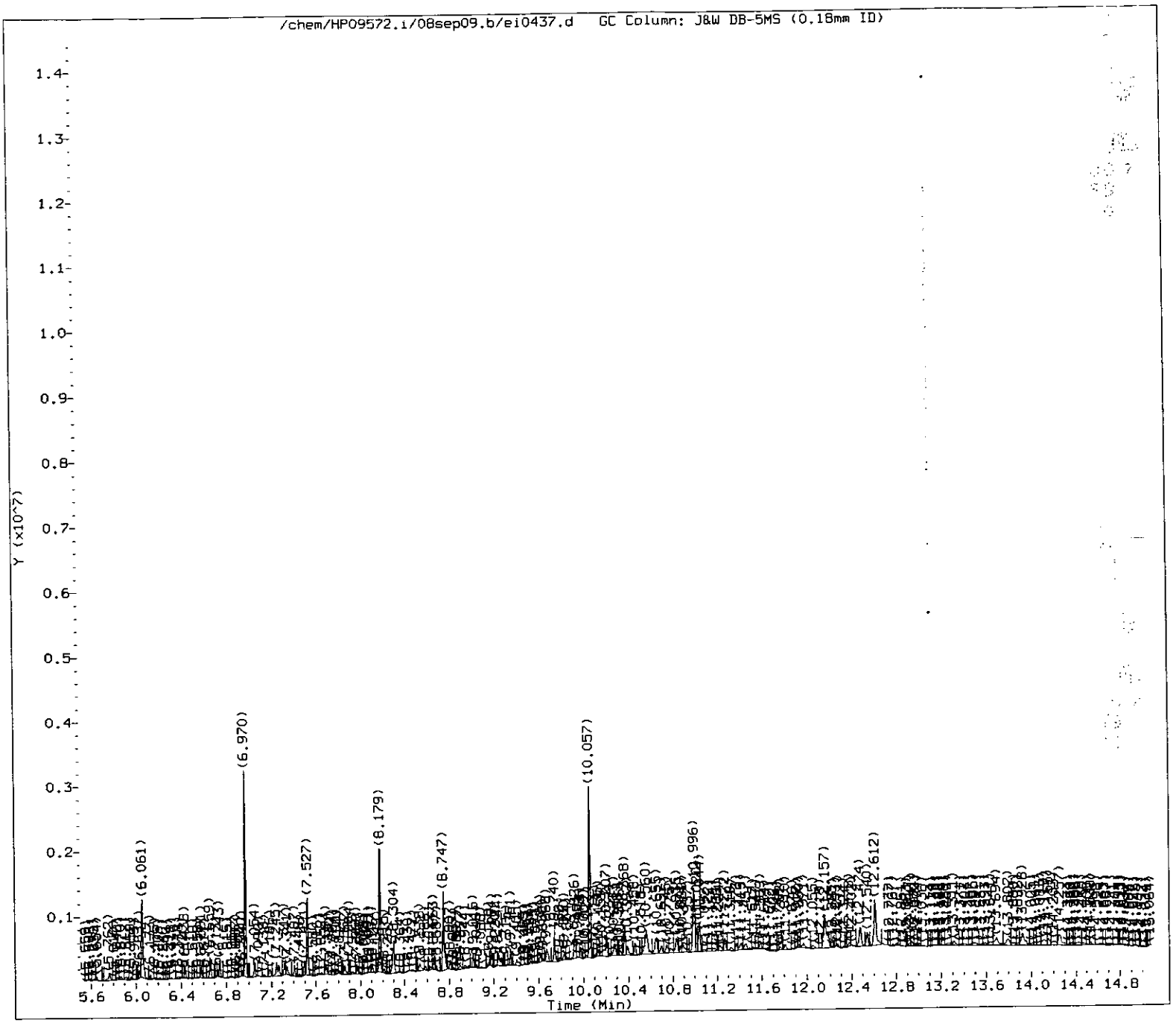
Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Sample Name: AMSSY

Lab Sample ID: 5454425

ASX04 0173

LMM 09/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Sample Name: AMSSY

Lab Sample ID: 5454425

ASX04 2174

Lmh 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 21:06 lmh00956

Sample Name: AMSSY

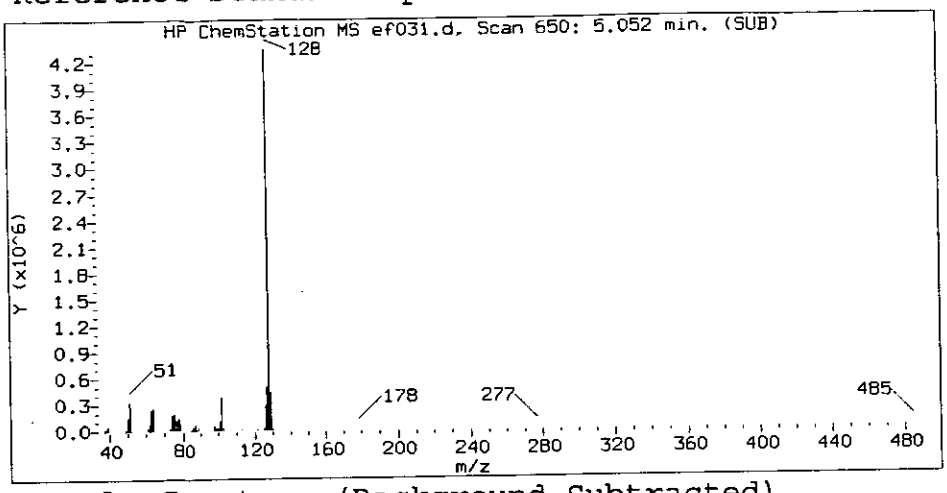
Lab Sample ID: 5454425

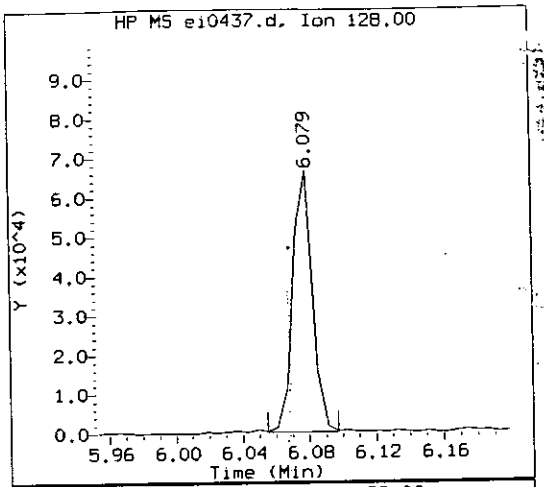
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	78508	40.0000
53) Naphthalene-d8	(2)	6.061	136	372416	40.0000
54) Naphthalene	(2)	6.079	128	52941M	5.2349
70) 2-Methylnaphthalene	(2)	6.659	142	63104	9.3797
95) Acenaphthylene	(3)	7.407	152	35540M	3.6825
98) Acenaphthene-d10	(3)	7.527	164	209213	40.0000
104) Dibenzofuran	(3)	7.694	168	26742M	2.9352
136) Phenanthrene-d10	(4)	8.747	188	340359	40.0000
138) Phenanthrene	(4)	8.765	178	86505	9.6683
139) Anthracene	(4)	8.807	178	42299M	4.4291
141) Carbazole	(4)	8.944	167	18938	2.0007
148) Fluoranthene	(4)	9.740	202	151465M	14.3785
155) Pyrene	(5)	9.926	202	129617M	13.9011
167) Benzo(a)anthracene	(5)	10.984	228	109343	12.0571
168) Chrysene-d12	(5)	10.996	240	314157	40.0000
169) Chrysene	(5)	11.020	228	168176	19.4346
173) Benzo(b)fluoranthene	(6)	12.157	252	297146M	28.6344
174) Benzo(k)fluoranthene	(6)	12.181	252	104550M	9.6717
175) Benzo(a)pyrene	(6)	12.540	252	104869M	11.1577
176) Perylene-d12	(6)	12.612	264	283725	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.928	276	99634M	8.8559
181) Dibenz(a,h)anthracene	(6)	13.952	278	30356M	3.4694
182) Benzo(g,h,i)perylene	(6)	14.257	276	85883M	9.0607
9) 2-Fluorophenol	(1)	3.812	112	593060	157.4808
15) Phenol-d6	(1)	4.667	99	953217	164.1438
38) Nitrobenzene-d5	(2)	5.451	82	500691	89.8841
78) 2-Fluorobiphenyl	(3)	6.970	172	677789	93.7545
119) 2,4,6-Tribromophenol	(3)	8.179	330	181039	157.4828
157) Terphenyl-d14	(5)	10.057	244	613497	83.8368

M = Compound was manually integrated.

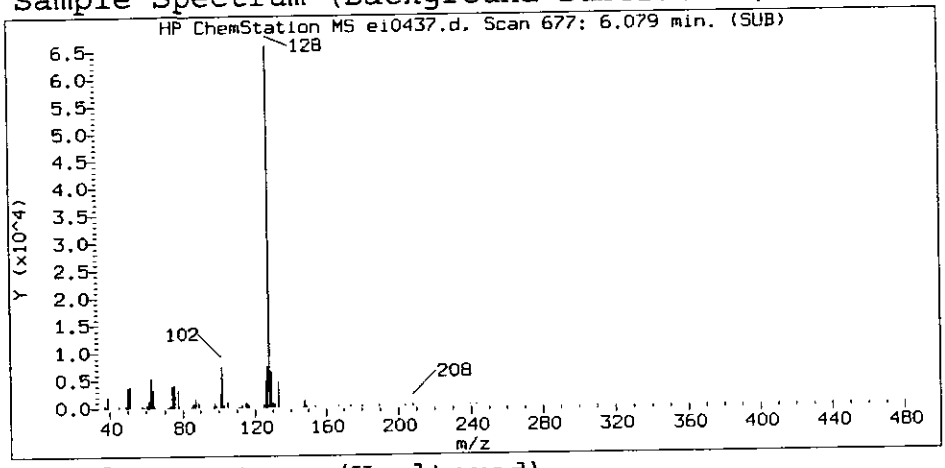
A = User selected an alternate hit

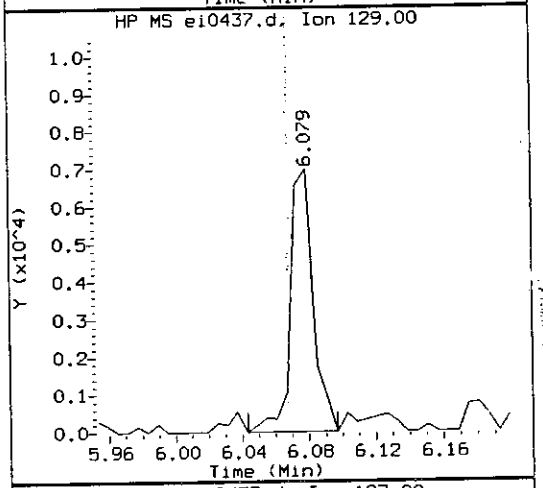
Reference Standard Spectrum for Naphthalene



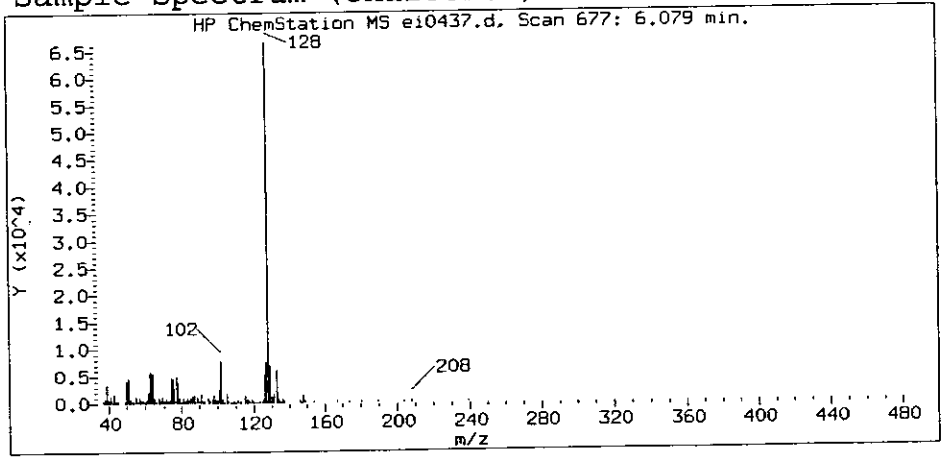


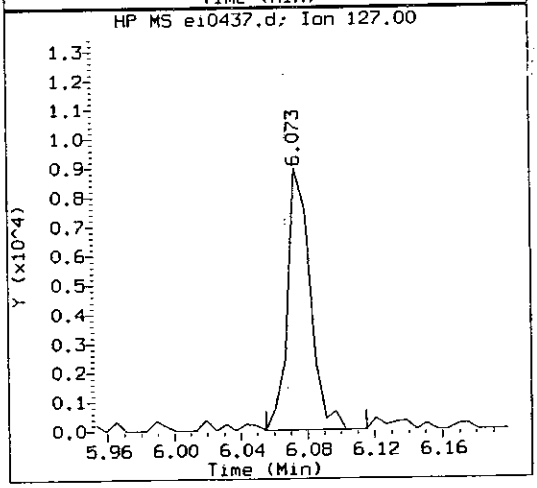
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

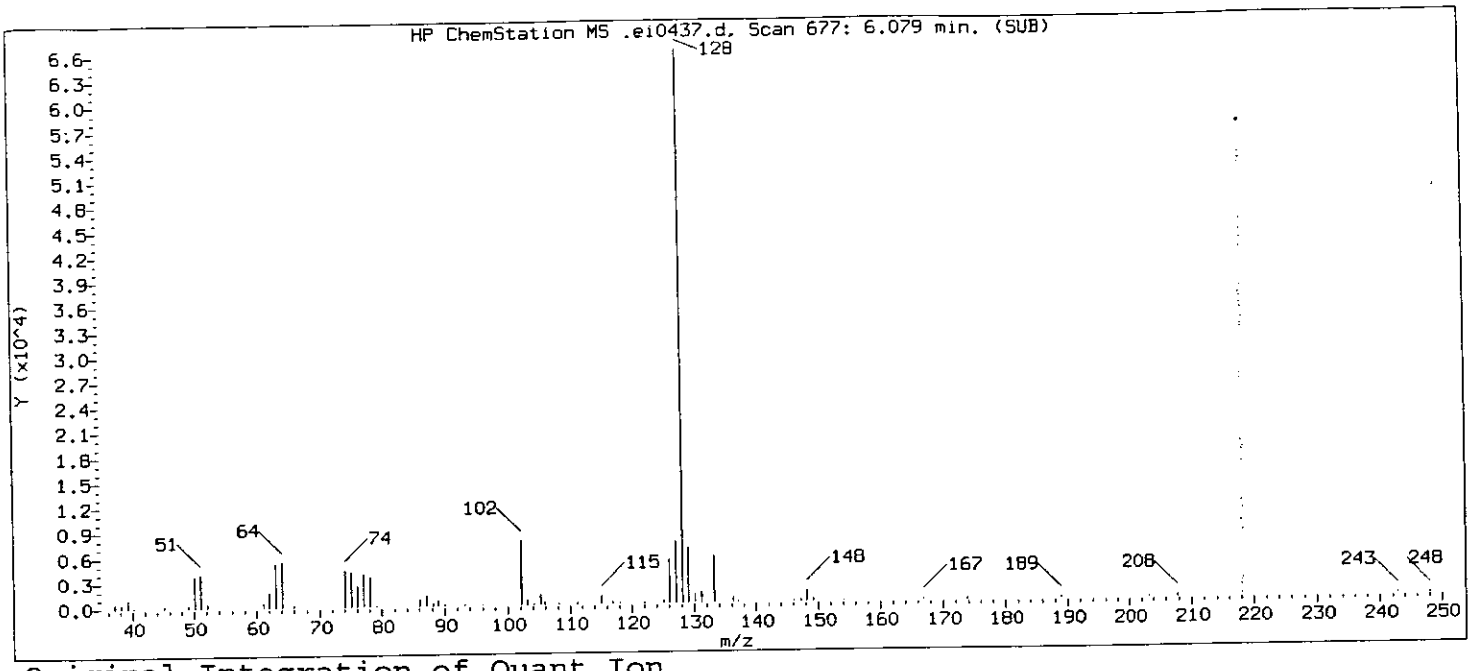
Sample Name: AMSSY

Lab Sample ID: 5454425

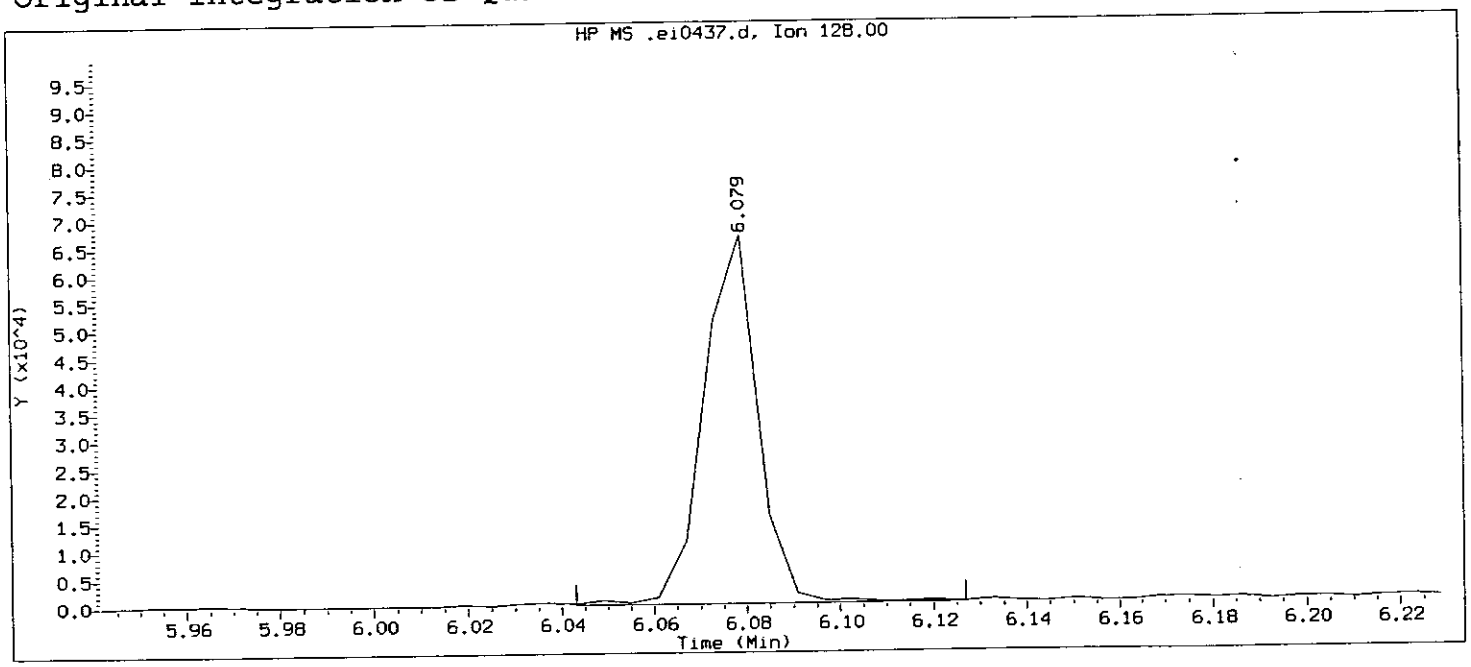
Compound Number	: 54
Compound Name	: Naphthalene
Scan Number	: 677
Retention Time (minutes)	: 6.079
Quant Ion	: 128.0
Area (flag)	: 52941 M
Concentration (ng/ul)	: 5.2349

ASX84 8176

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

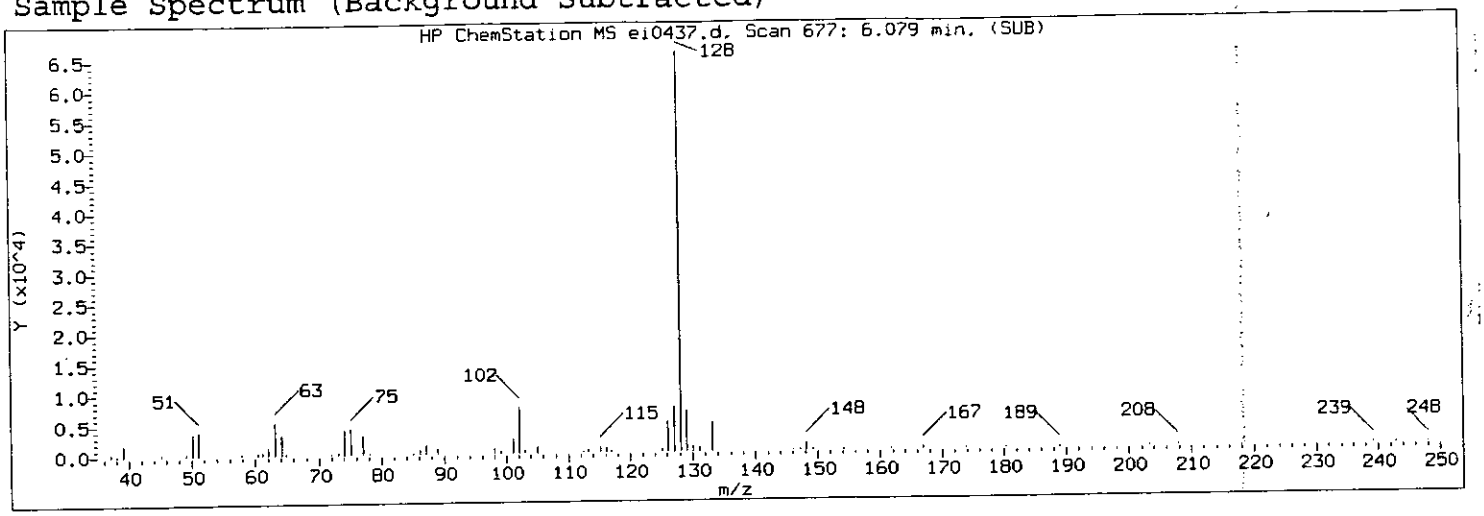
Compound Number : 54
Compound Name : Naphthalene
Scan Number : 677
Retention Time (minutes) : 6.079
Quant Ion : 128
Area : 54405
Concentration (ng/ul) : 5.3796
Integration start scan : 670 Integration stop scan: 684
Y at integration start : 0 Y at integration end: 0

Lmn198 09/09/08

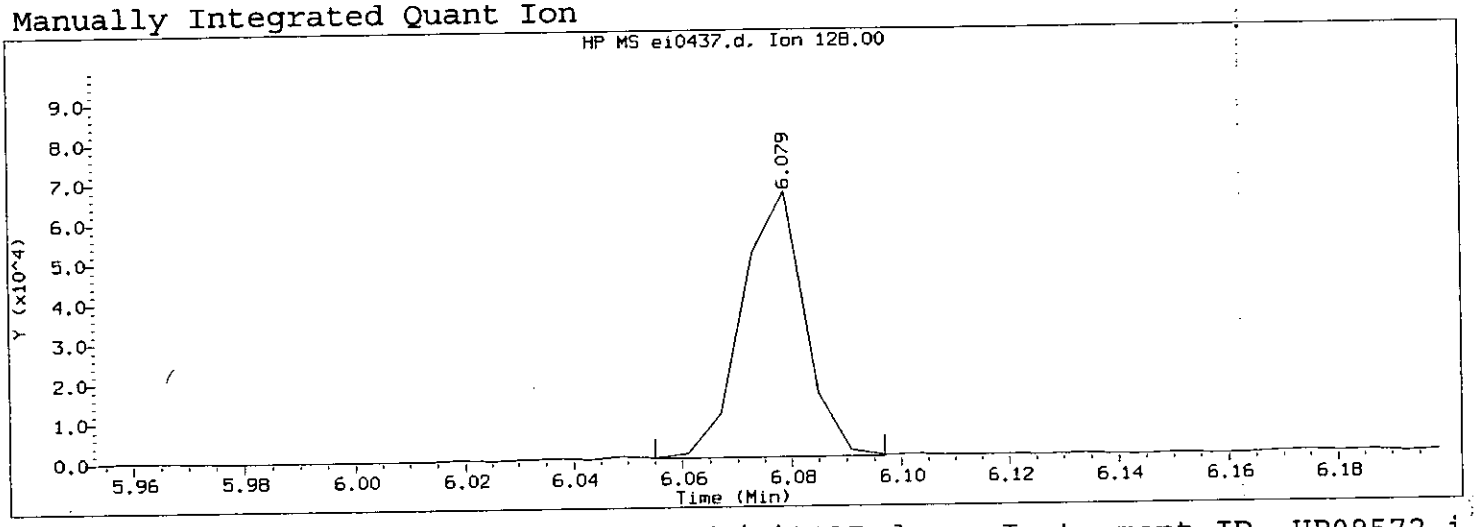
ASX84 8177

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number : 54
Compound Name : Naphthalene
Scan Number : 677
Retention Time (minutes): 6.079
Quant Ion : 128
Area (flag) : 52941 M
Concentration (ng/ul) : 5.2349
Integration start scan : 672 Integration stop scan: 679
Y at integration start : 205 Y at integration end: 205

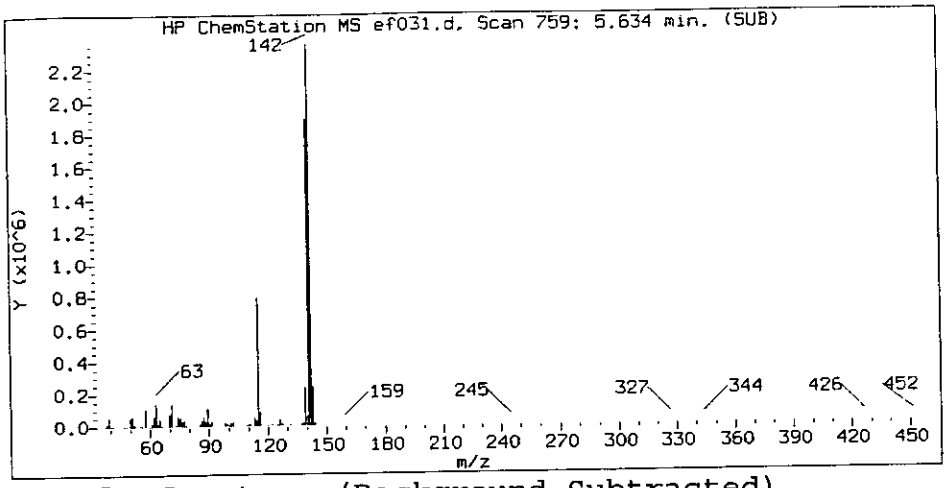
Reason for manual integration (circle one): missed peak improper integration

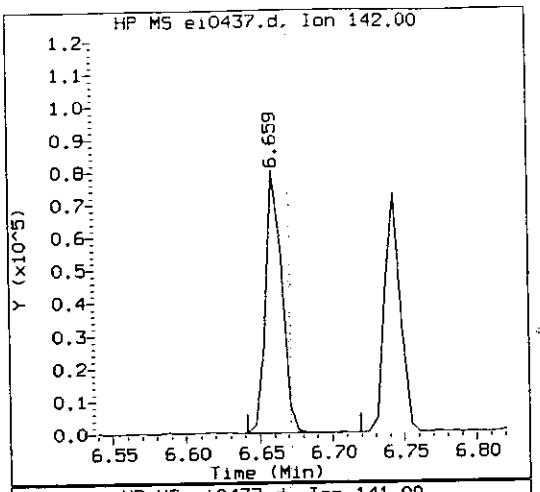
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

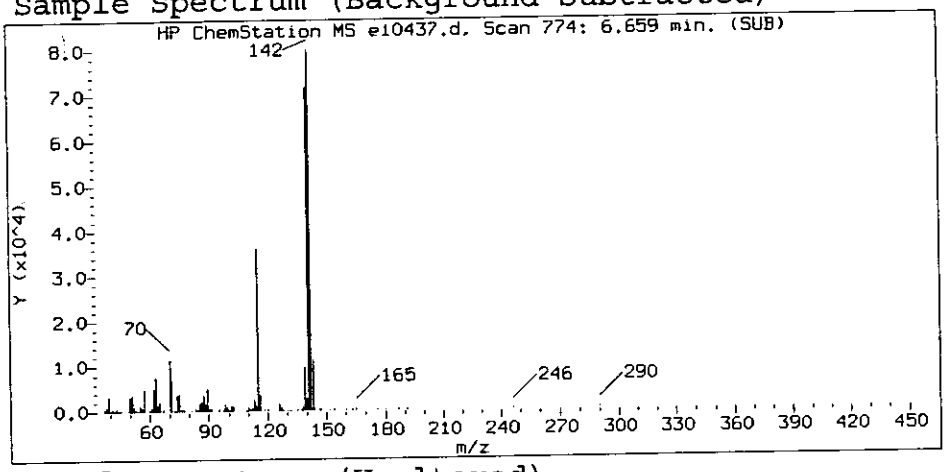
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

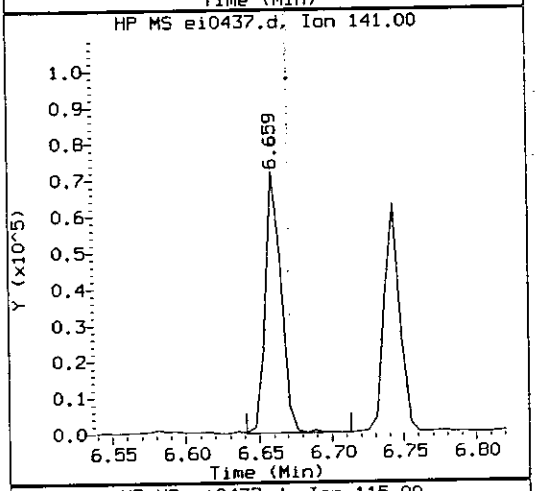
Reference Standard Spectrum for 2-Methylnaphthalene



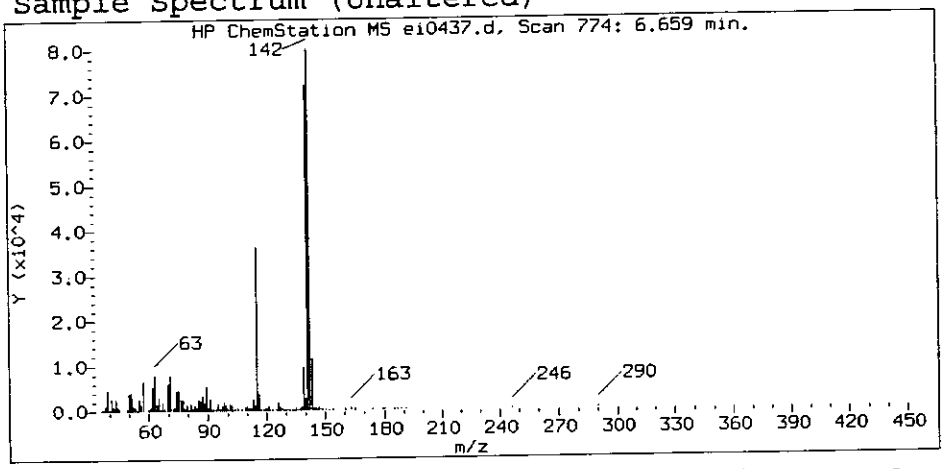


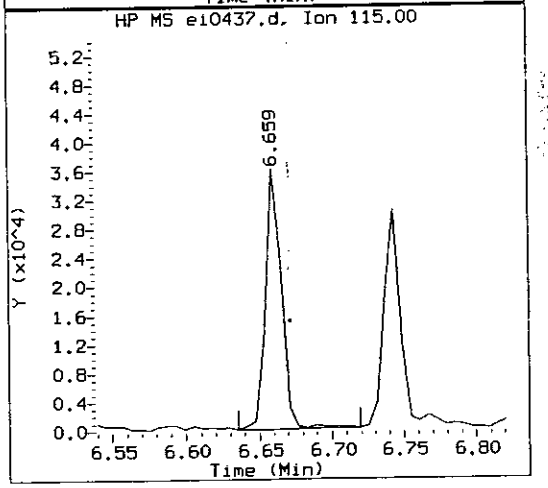
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

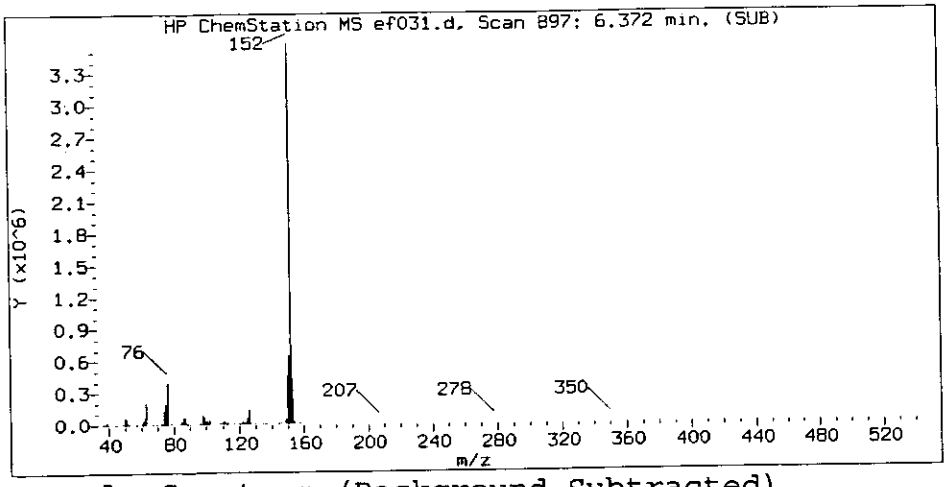
Lab Sample ID: 5454425

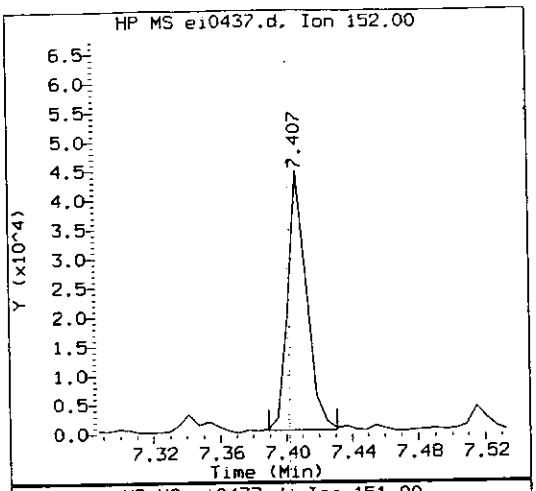
Compound Number : 70
Compound Name : 2-Methylnaphthalene
Scan Number : 774
Retention Time (minutes): 6.659
Quant Ion : 142.0
Area (flag) : 63104
Concentration (ng/ul) : 9.3797

ASX84 9179

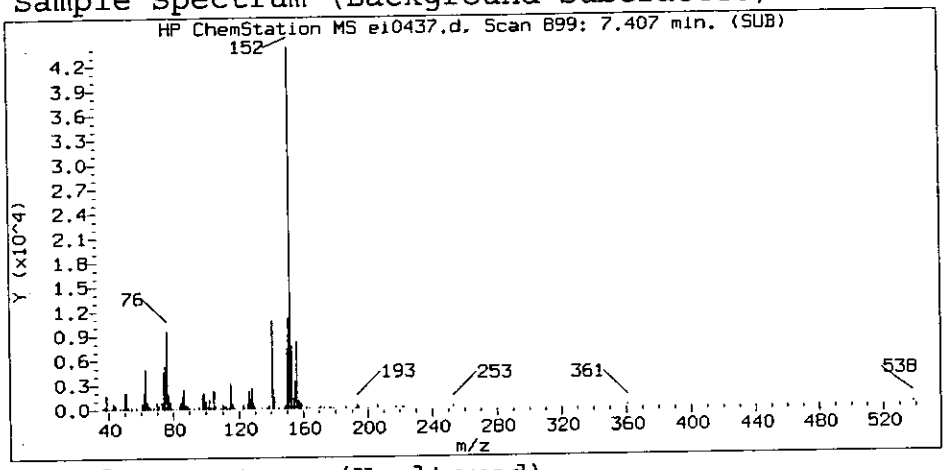
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:54

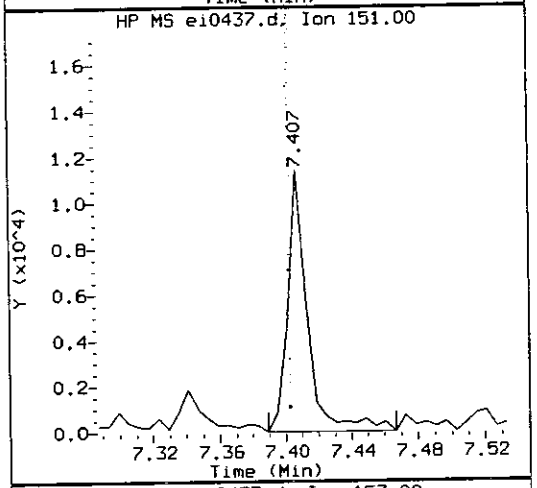
Reference Standard Spectrum for Acenaphthylene



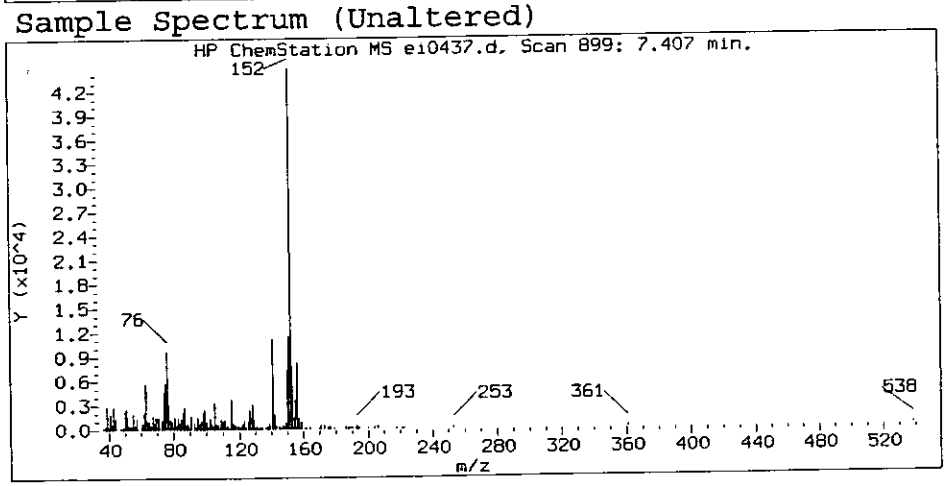


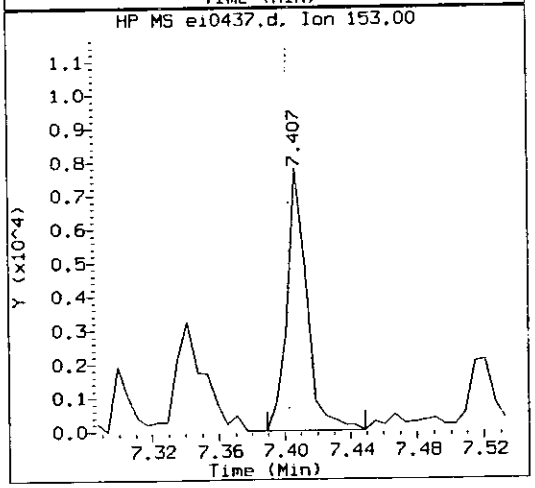
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

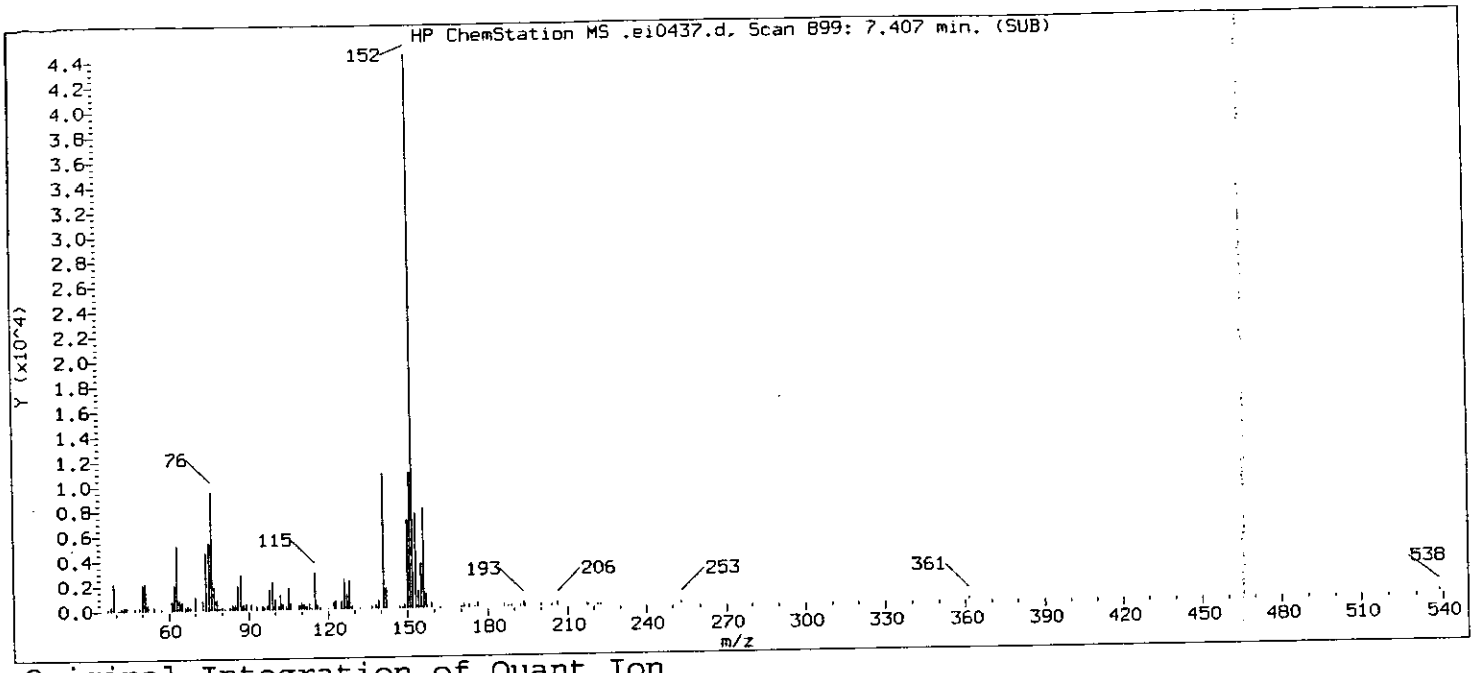
Lab Sample ID: 5454425

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152.0
Area (flag) : 35540 M
Concentration (ng/ul) : 3.6825

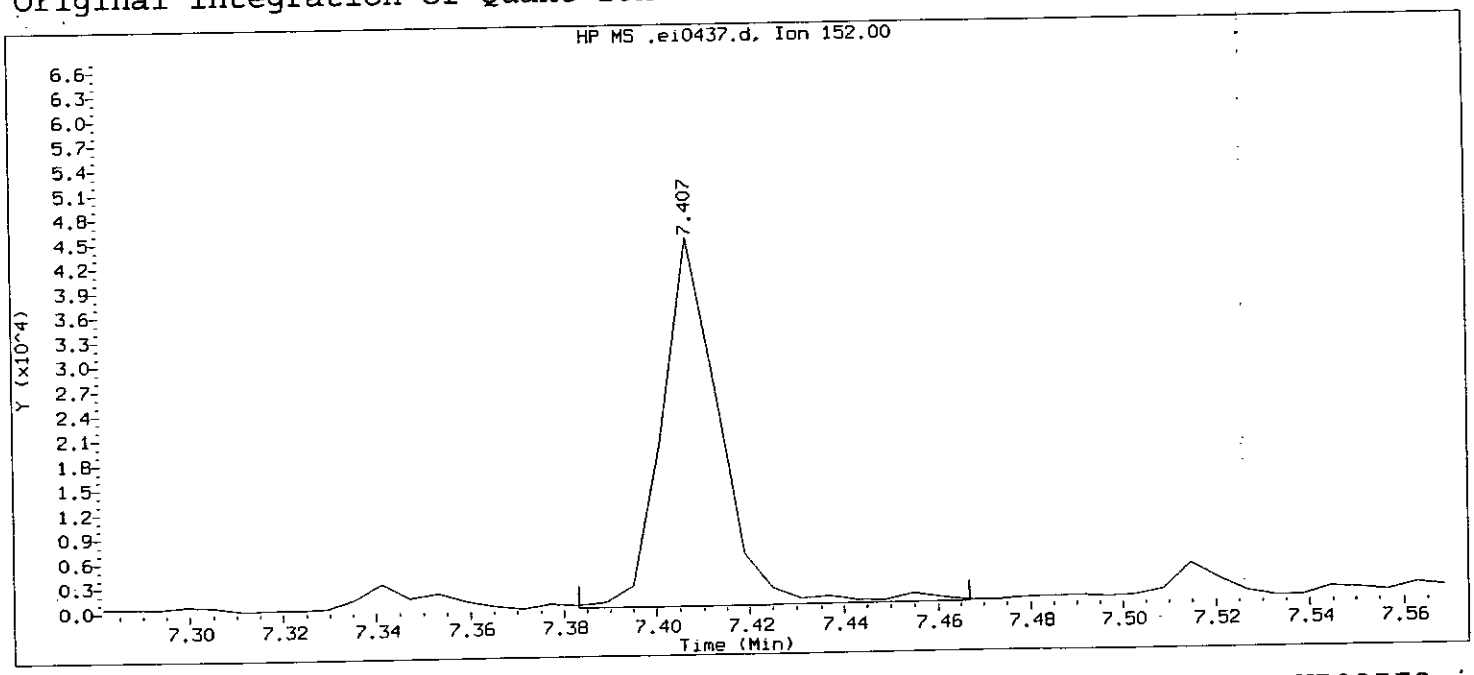
ASX84 0180

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:54

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	95
Compound Name	:	Acenaphthylene
Scan Number	:	899
Retention Time (minutes)	:	7.407
Quant Ion	:	152
Area	:	38167
Concentration (ng/ul)	:	3.9548
Integration start scan	:	894
Y at integration start	:	7

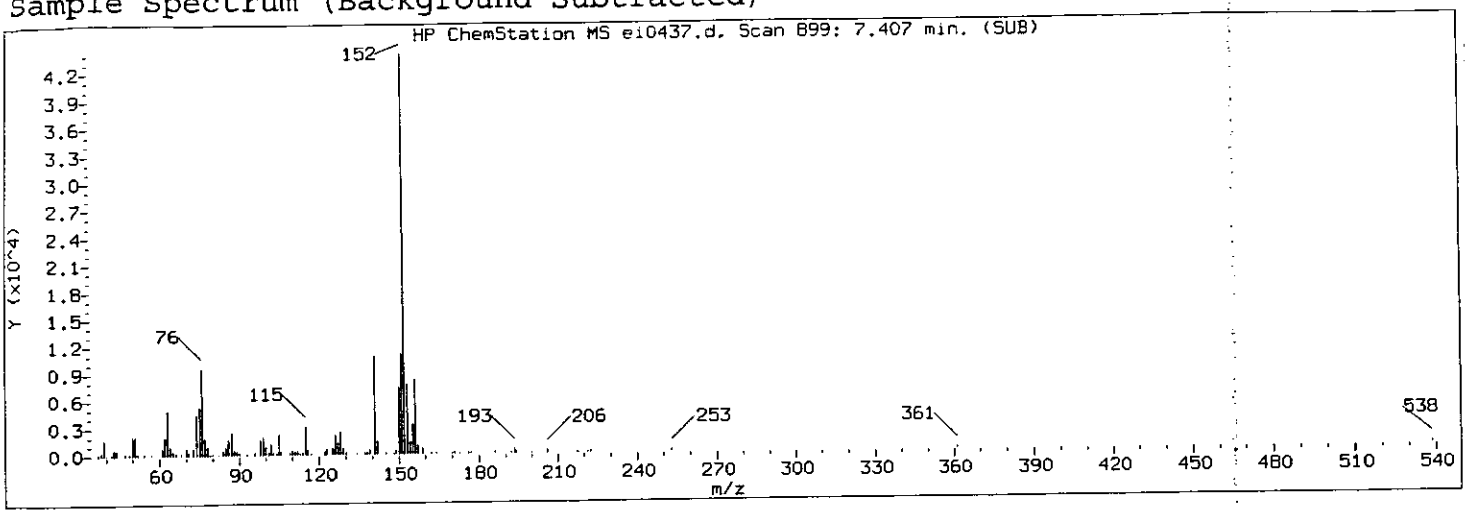
Integration stop scan: 908
Y at integration end: 40

Lmm198 09/09/08

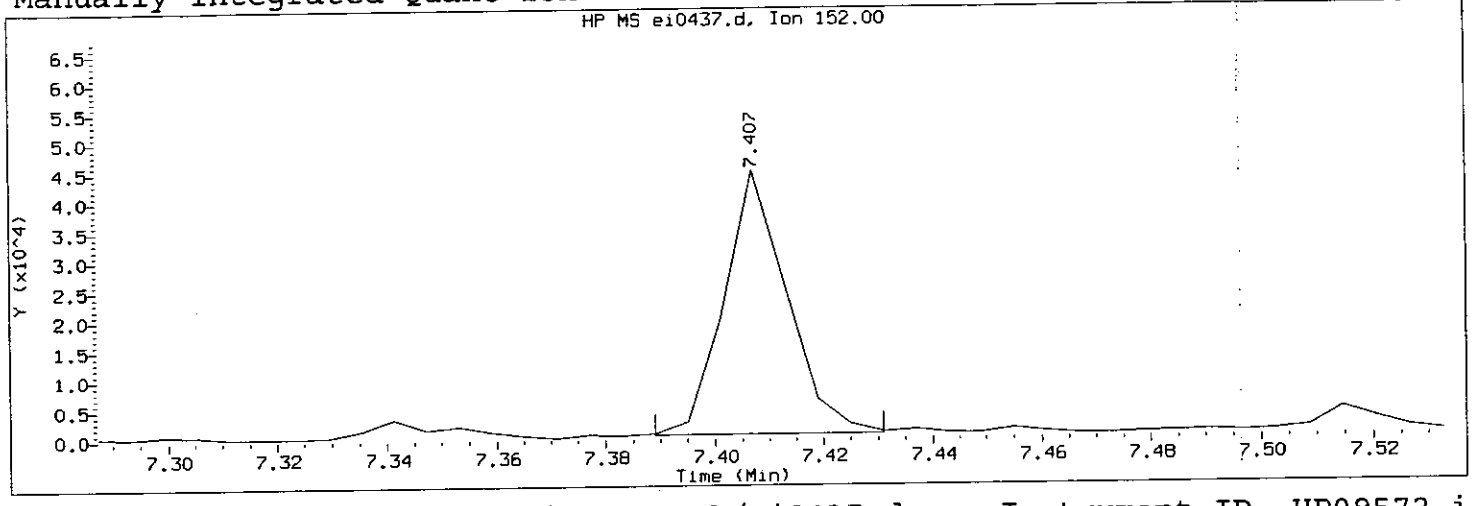
ASX04 0181

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

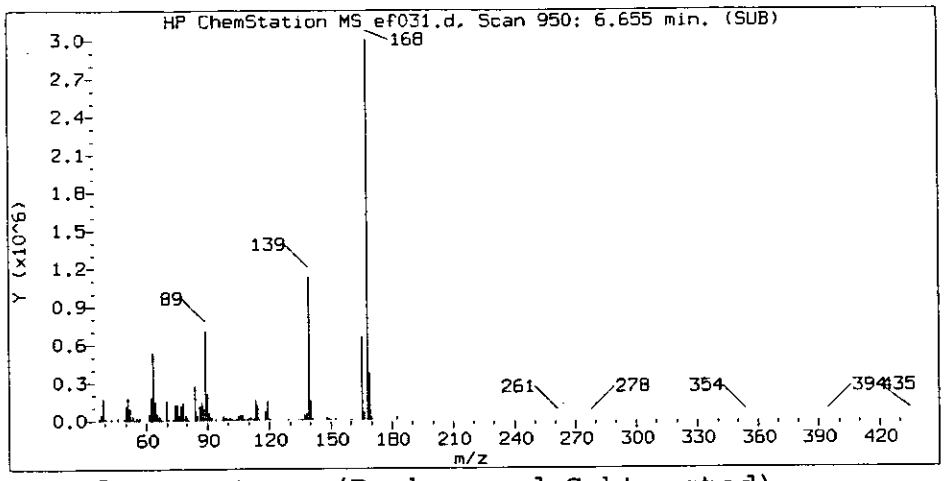
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area (flag) : 35540 M
Concentration (ng/ul) : 3.6825
Integration start scan : 895 Integration stop scan: 902
Y at integration start : 451 Y at integration end: 451

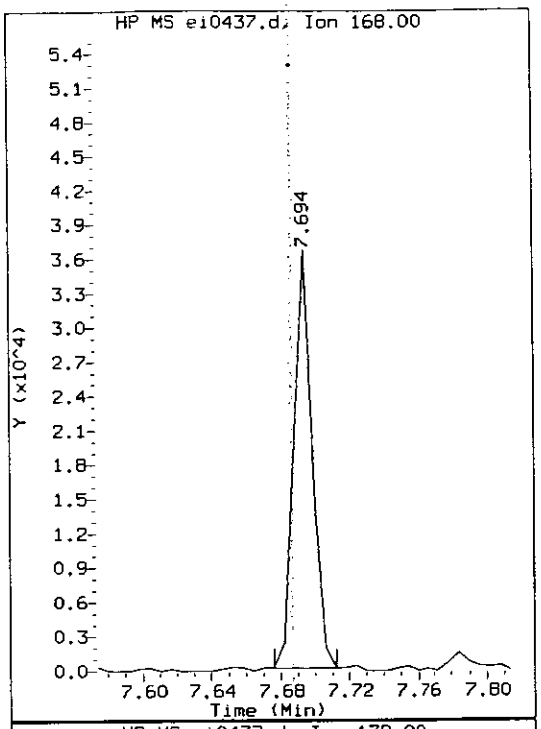
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: 09/09/08

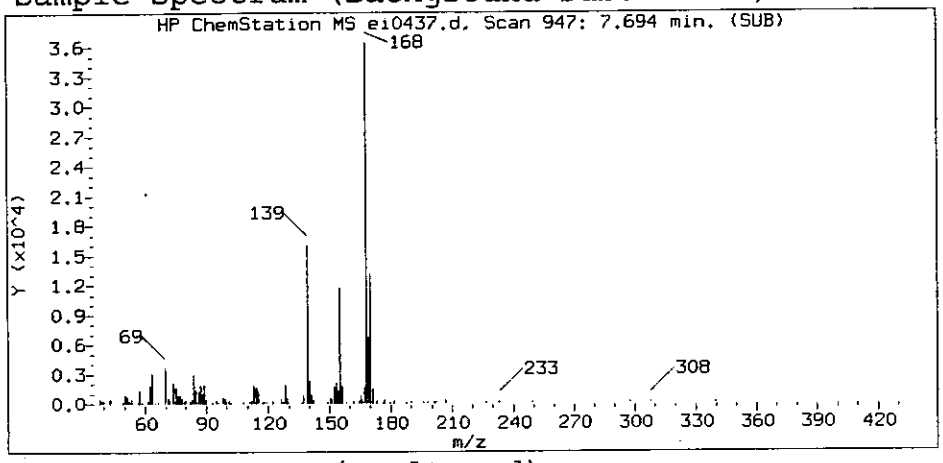
GC/MS audit/management approval: 9/10/08

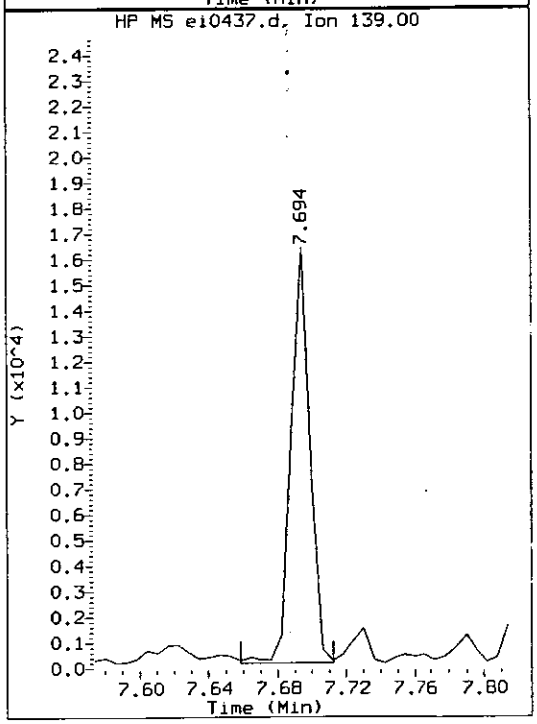
Reference Standard Spectrum for Dibenzofuran



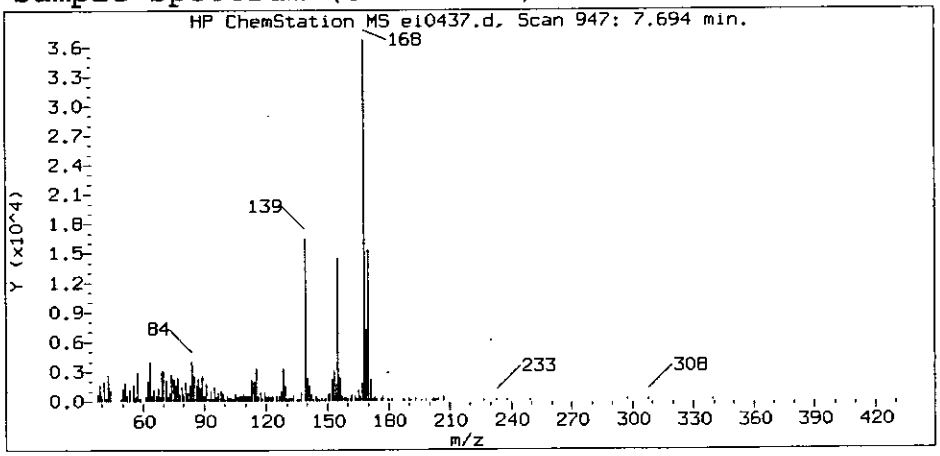


Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

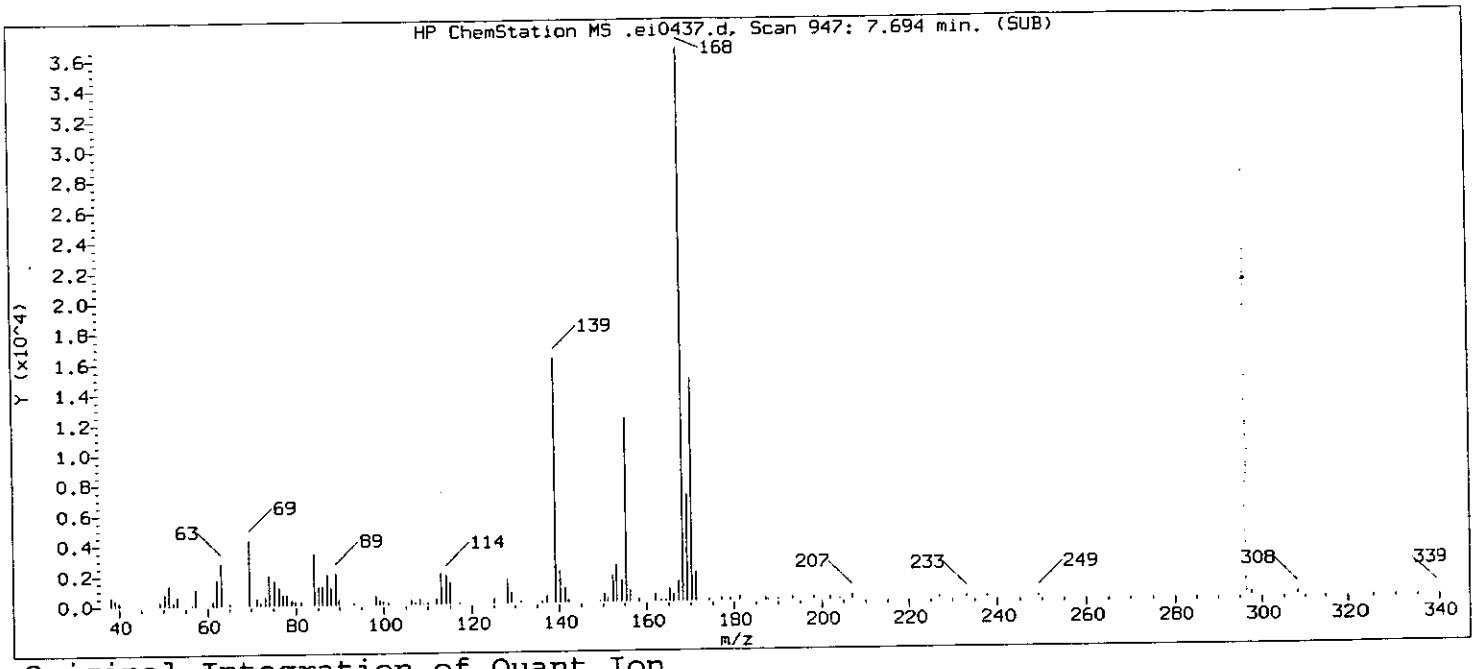
Lab Sample ID: 5454425

Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168.0
Area (flag) : 26742 M
Concentration (ng/ul) : 2.9353

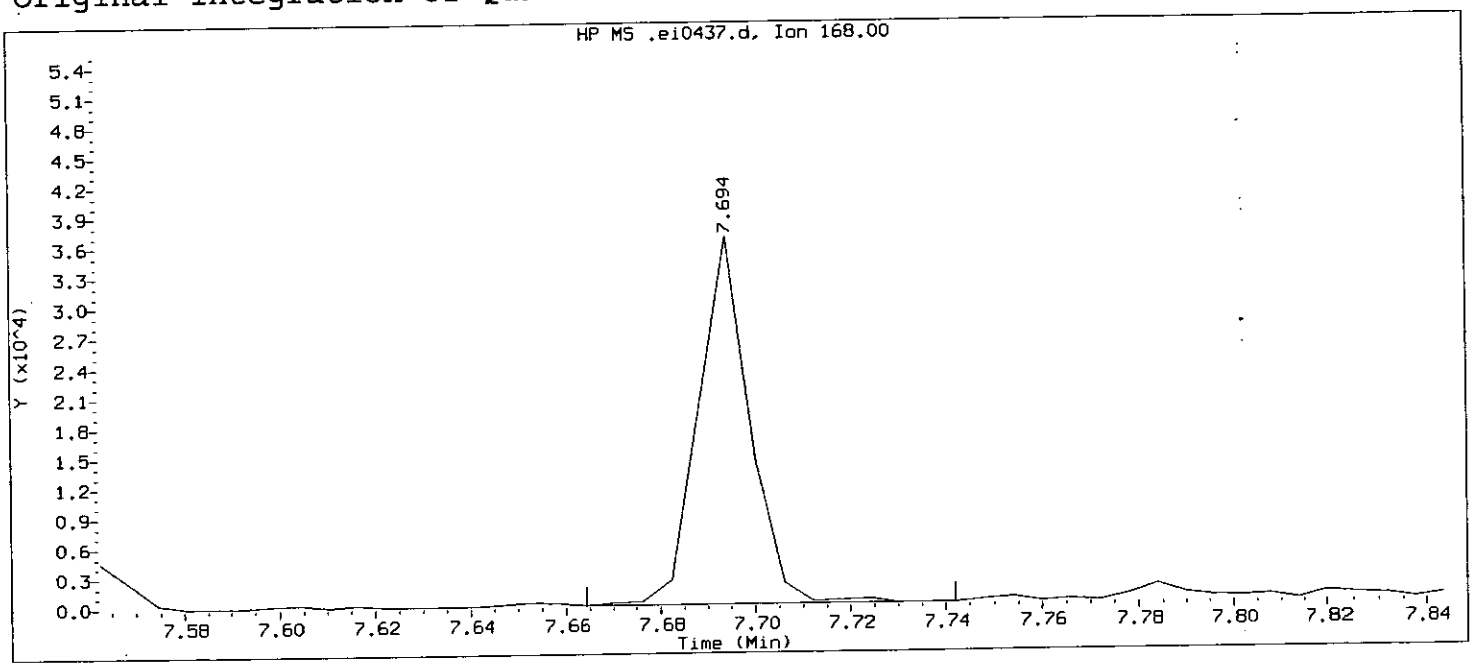
ASX84-0183

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:54

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	104
Compound Name	:	Dibenzofuran
Scan Number	:	947
Retention Time (minutes)	:	7.694
Quant Ion	:	168
Area	:	27703
Concentration (ng/ul)	:	3.0408
Integration start scan	:	941
Y at integration start	:	0

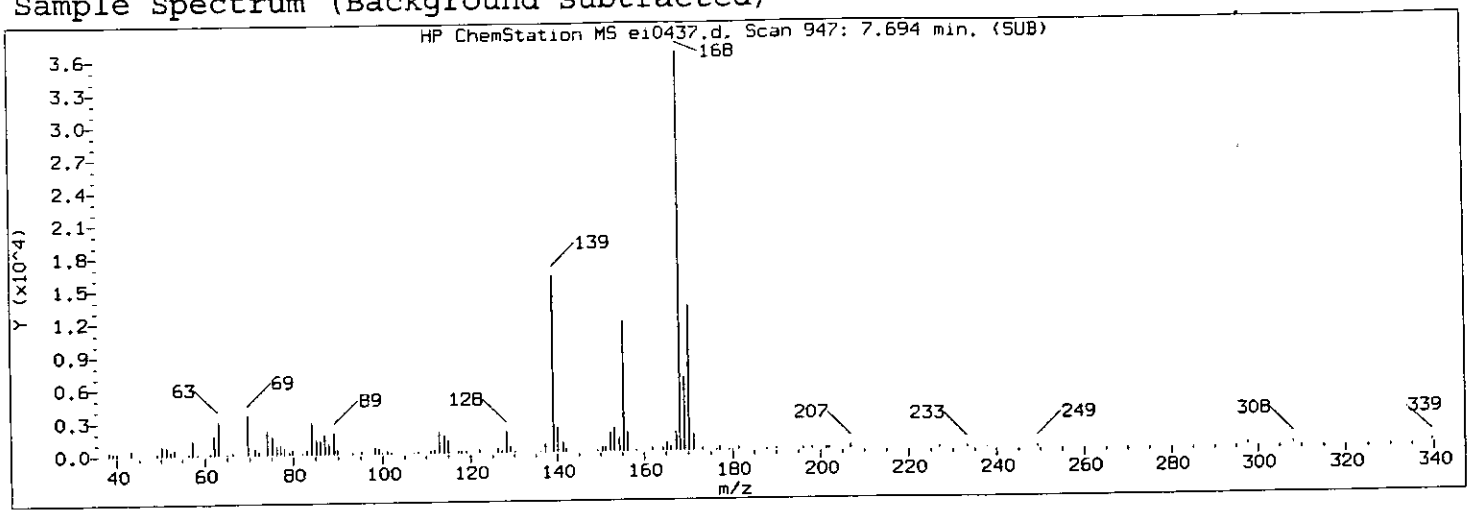
Integration stop scan: 954
Y at integration end: 0

LMN1986
09/09/08

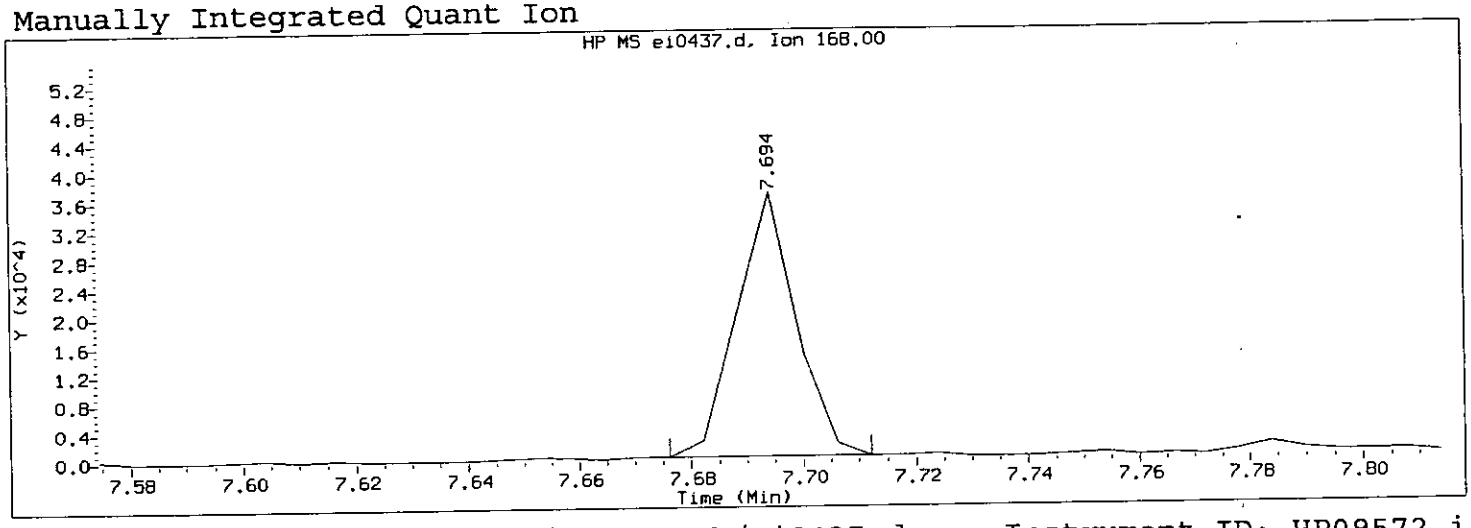
ASX04-0184

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number : 104
Compound Name : Dibenzofuran
Scan Number : 947
Retention Time (minutes): 7.694
Quant Ion : 168
Area (flag) : 26742 M
Concentration (ng/ul) : 2.9353
Integration start scan : 943 Integration stop scan: 949
Y at integration start : 238 Y at integration end: 238

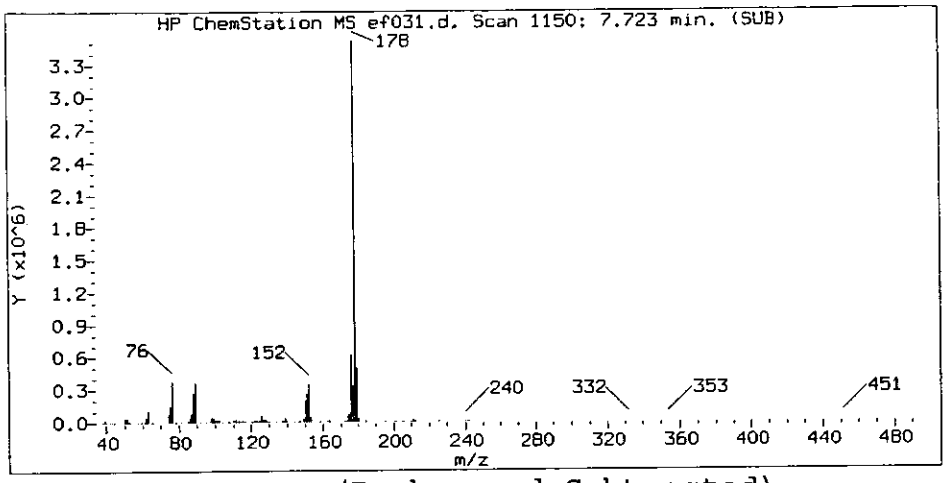
Reason for manual integration (circle one): missed peak improper integration

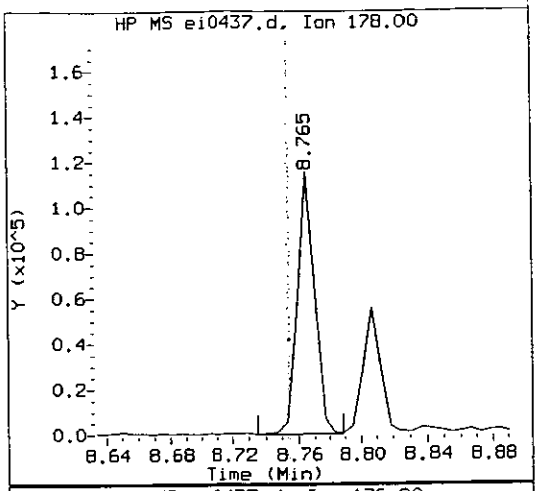
Analyst responsible for change: lmh195 09/09/08

GC/MS audit/management approval: 09/10/08

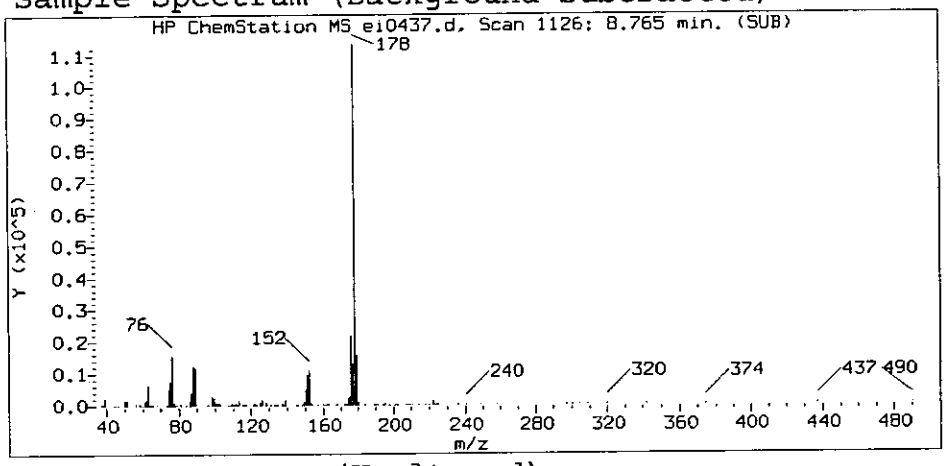
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

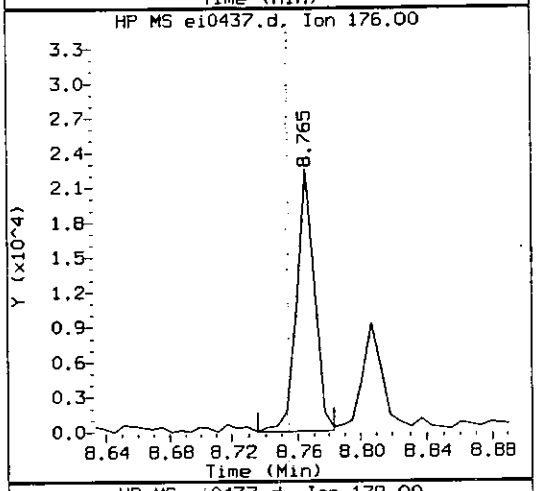
Reference Standard Spectrum for Phenanthrene



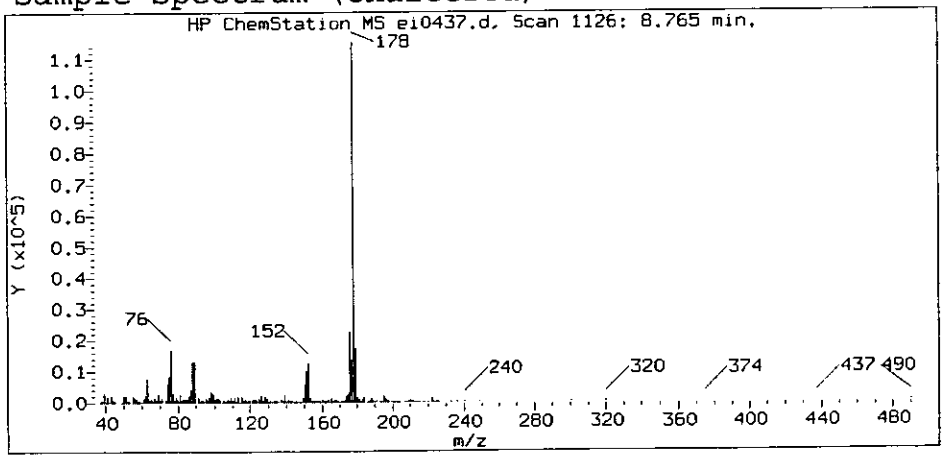


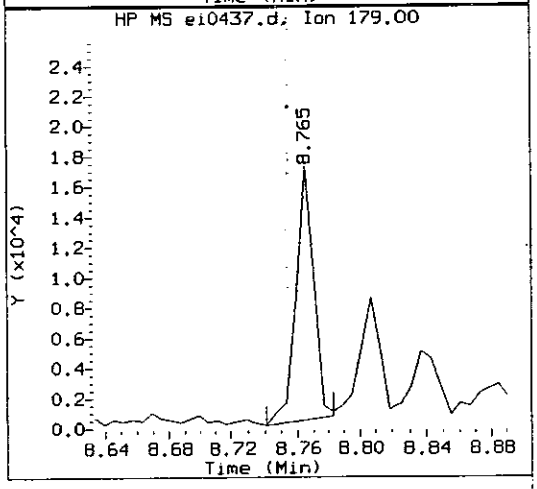
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

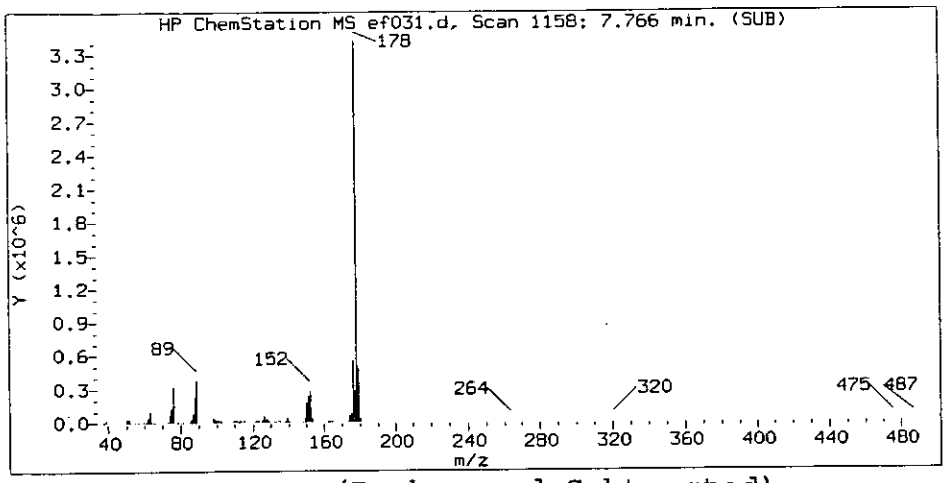
Sample Name: AMSSY

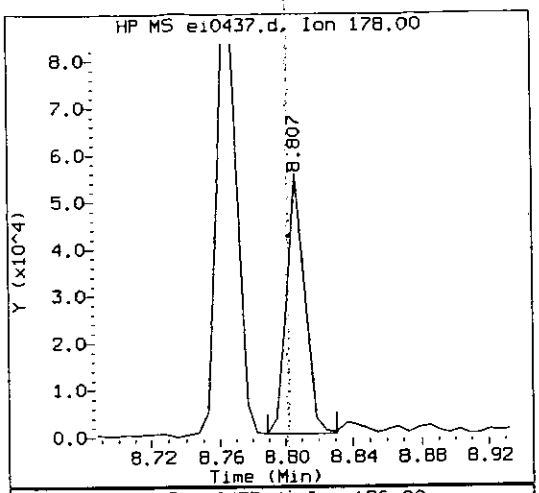
Lab Sample ID: 5454425

Compound Number	: 138
Compound Name	: Phenanthrene
Scan Number	: 1126
Retention Time (minutes)	: 8.765
Quant Ion	: 178.0
Area (flag)	: 86505
Concentration (ng/ul)	: 9.6683

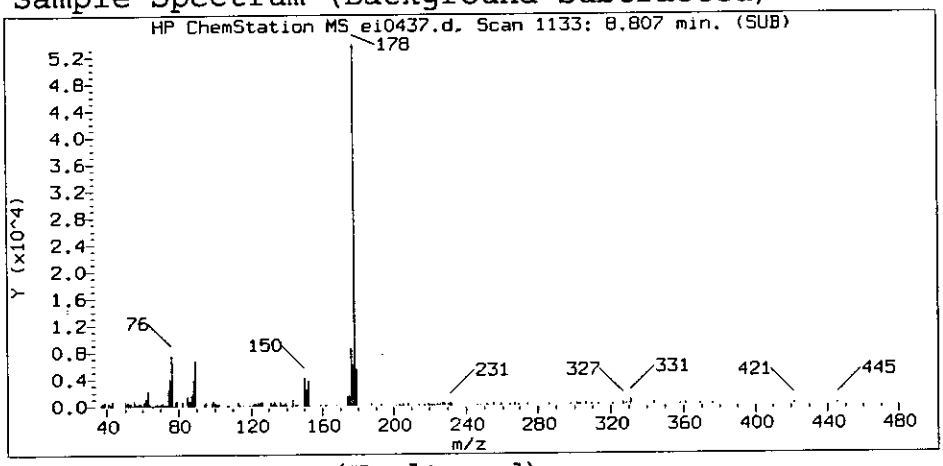
ASX04 0106

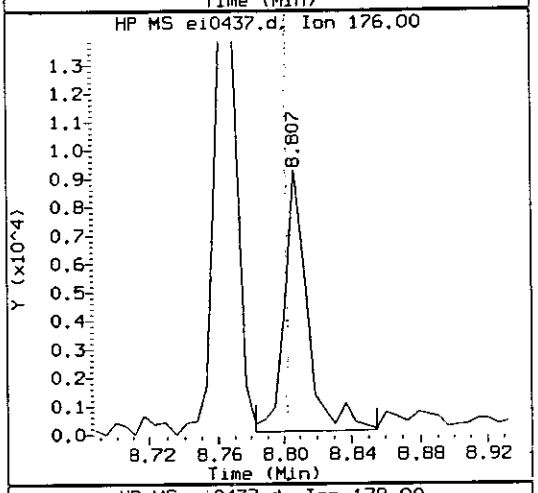
Reference Standard Spectrum for Anthracene



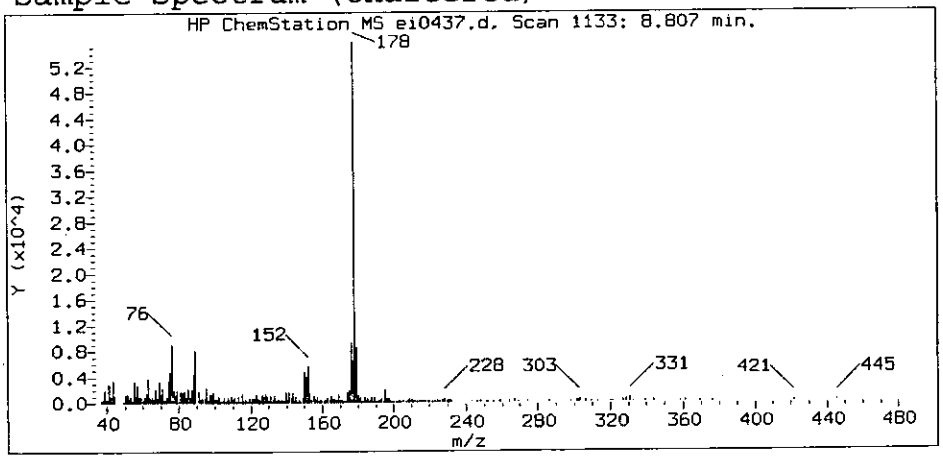


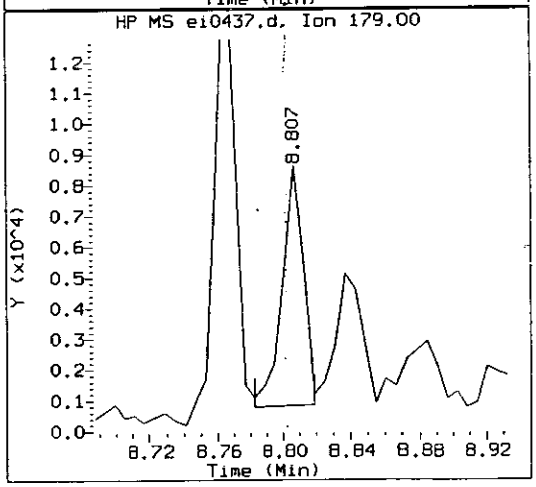
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

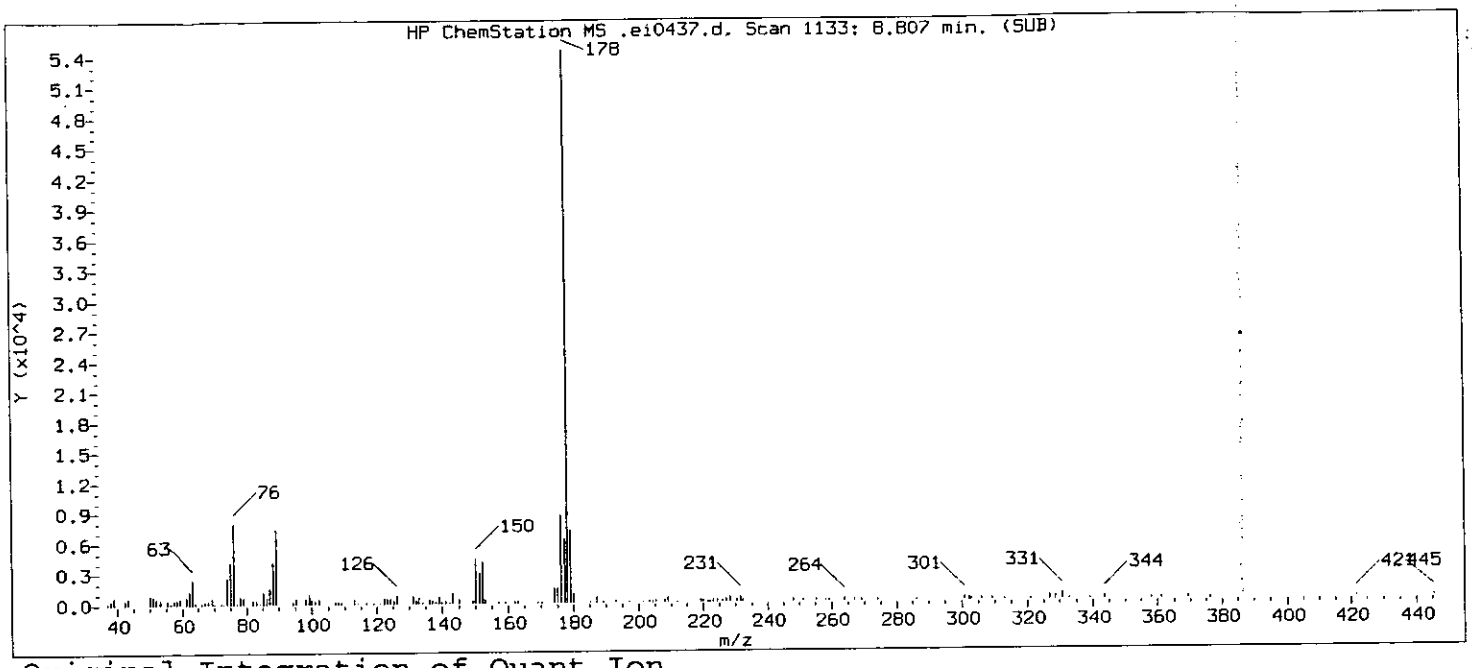
Sample Name: AMSSY

Lab Sample ID: 5454425

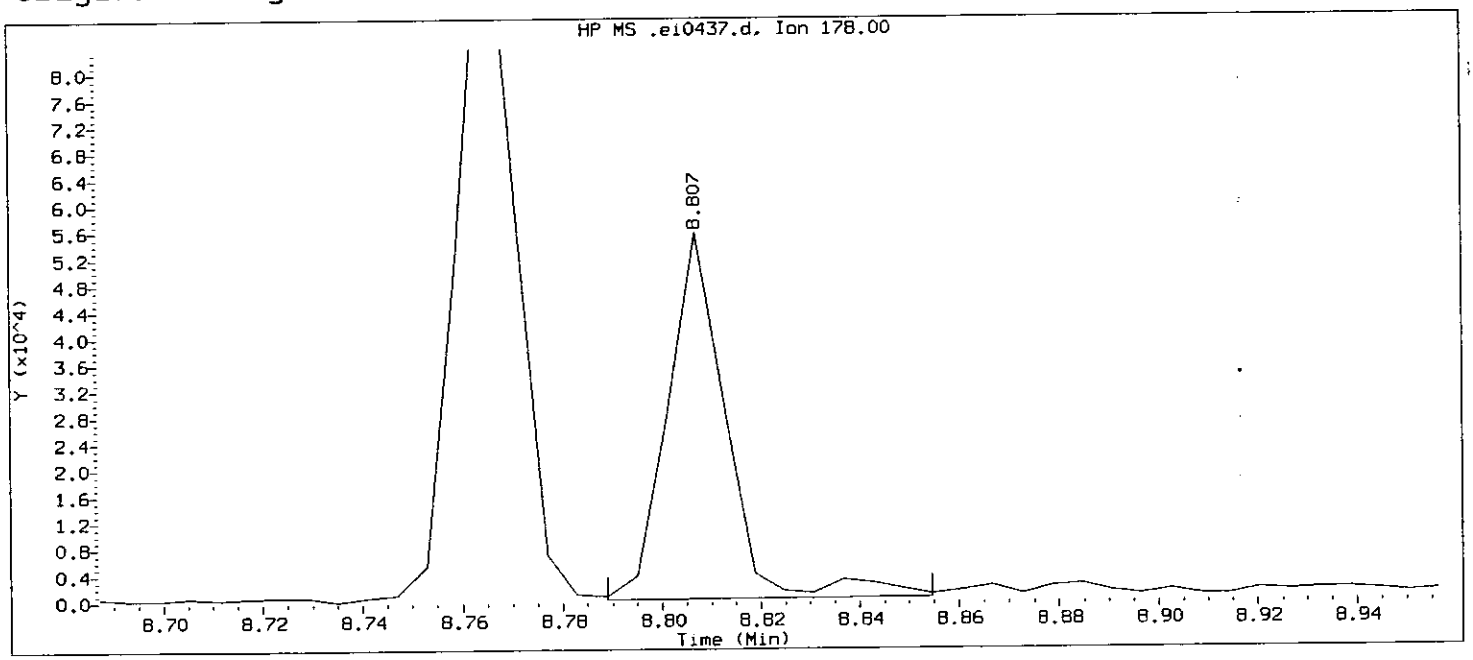
Compound Number	: 139
Compound Name	: Anthracene
Scan Number	: 1133
Retention Time (minutes)	: 8.807
Quant Ion	: 178.0
Area (flag)	: 42299 M
Concentration (ng/ul)	: 4.4291

ASX04 0107

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	139
Compound Name	:	Anthracene
Scan Number	:	1133
Retention Time (minutes)	:	8.807
Quant Ion	:	178
Area	:	45567
Concentration (ng/ul)	:	4.7713
Integration start scan	:	1129
Y at integration start	:	215

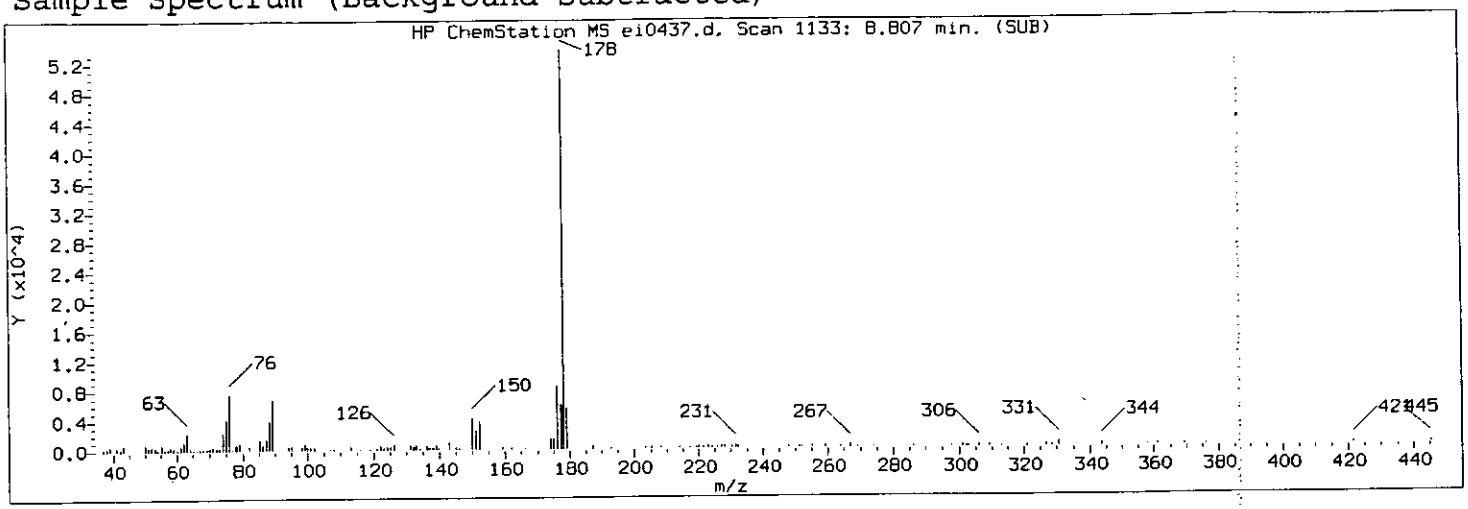
Integration stop scan: 1140
Y at integration end: 404

Mn1986
09/09/08

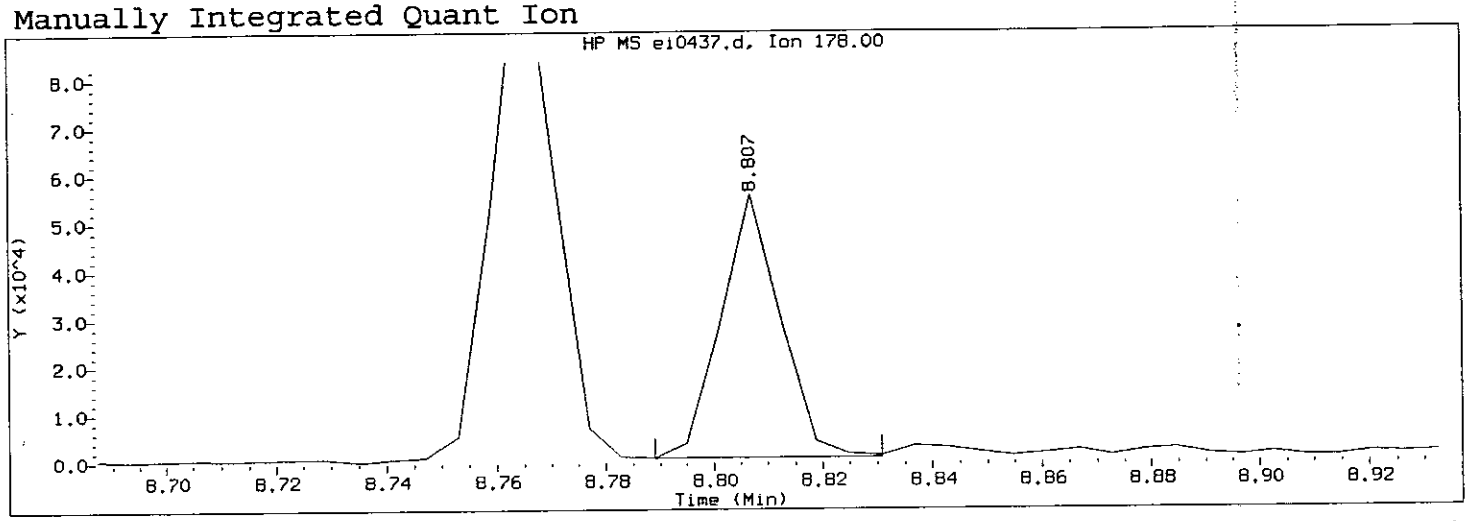
ASX04 0188

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area (flag) : 42299 M
Concentration (ng/ul) : 4.4291
Integration start scan : 1129 Integration stop scan: 1136
Y at integration start : 615 Y at integration end: 615

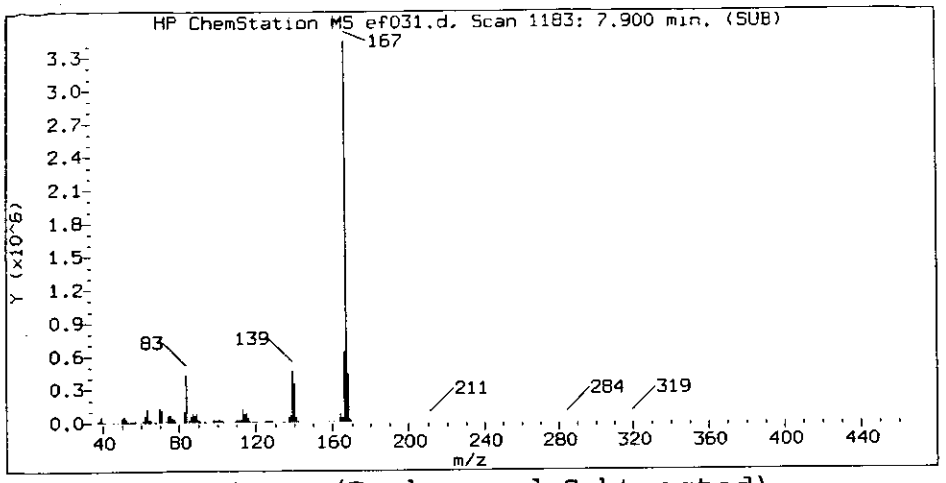
Reason for manual integration (circle one): missed peak improper integration

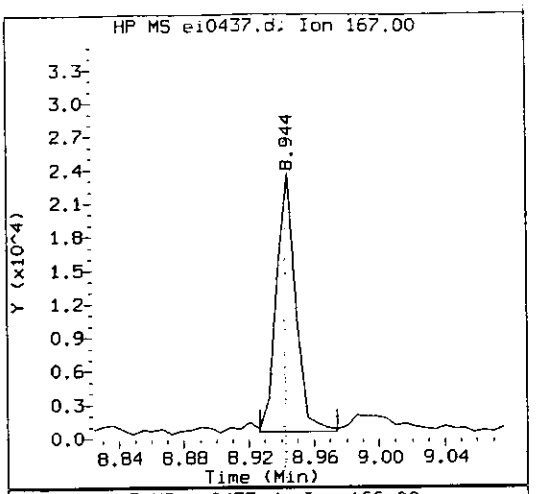
Analyst responsible for change: lmh 09/09/08

GC/MS audit/management approval: 9/10/08

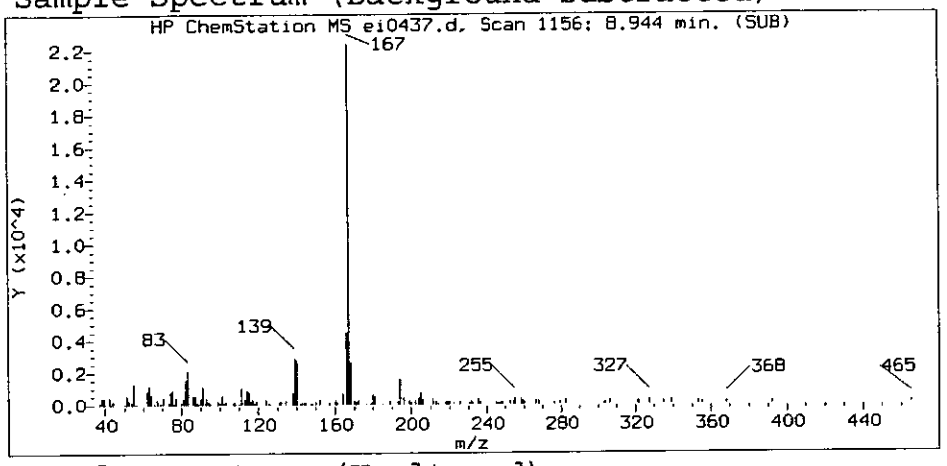
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

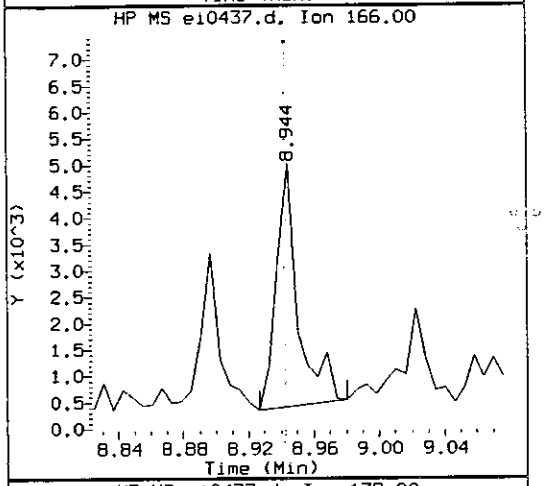
Reference Standard Spectrum for Carbazole



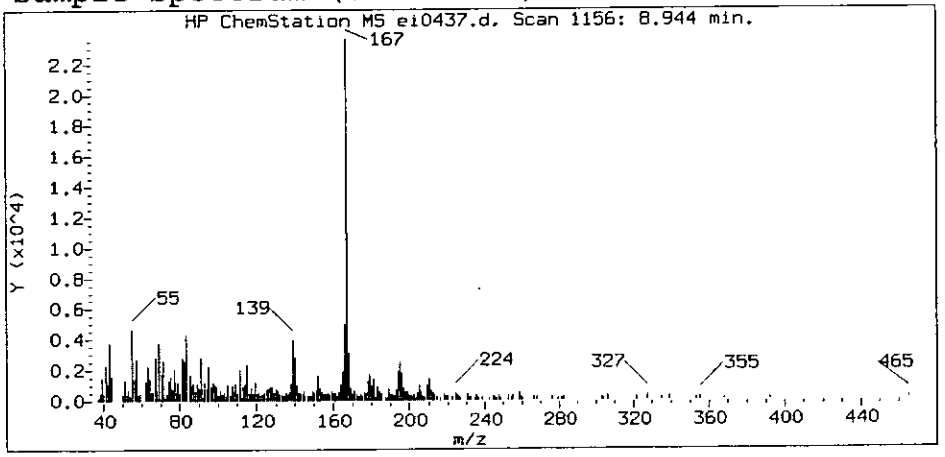


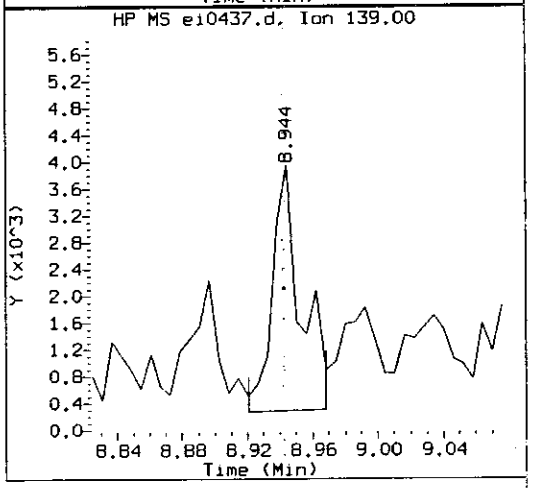
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

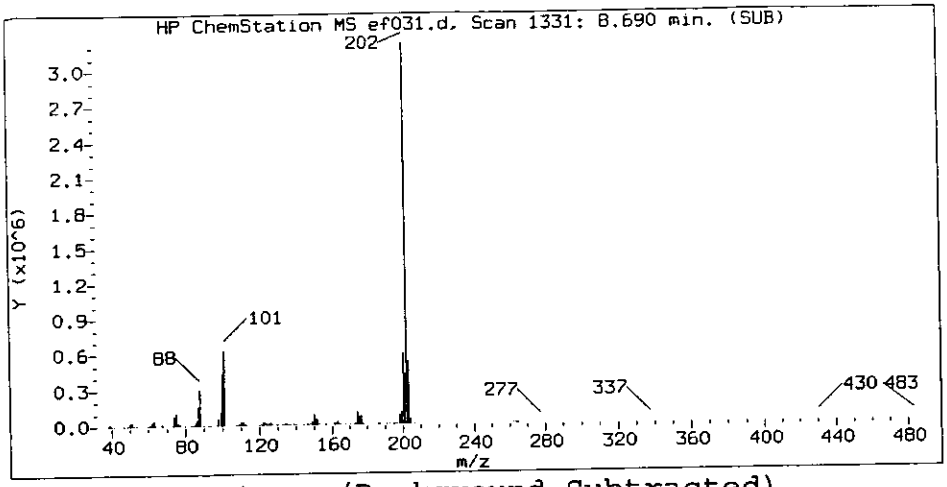
Sample Name: AMSSY

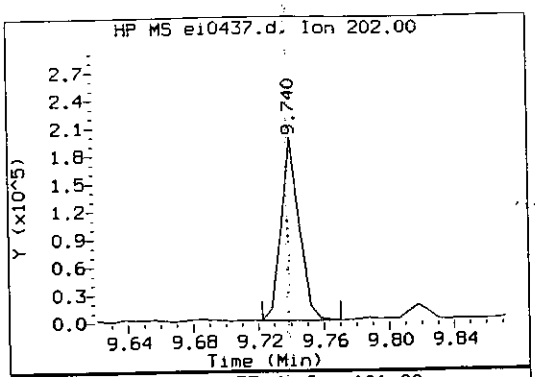
Lab Sample ID: 5454425

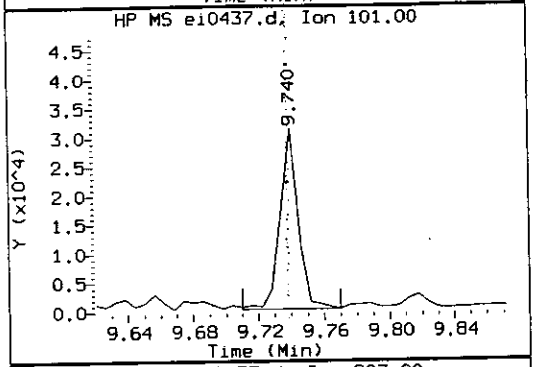
Compound Number	: 141
Compound Name	: Carbazole
Scan Number	: 1156
Retention Time (minutes)	: 8.944
Quant Ion	: 167.0
Area (flag)	: 18938
Concentration (ng/ul)	: 2.0007

ASX84 0198

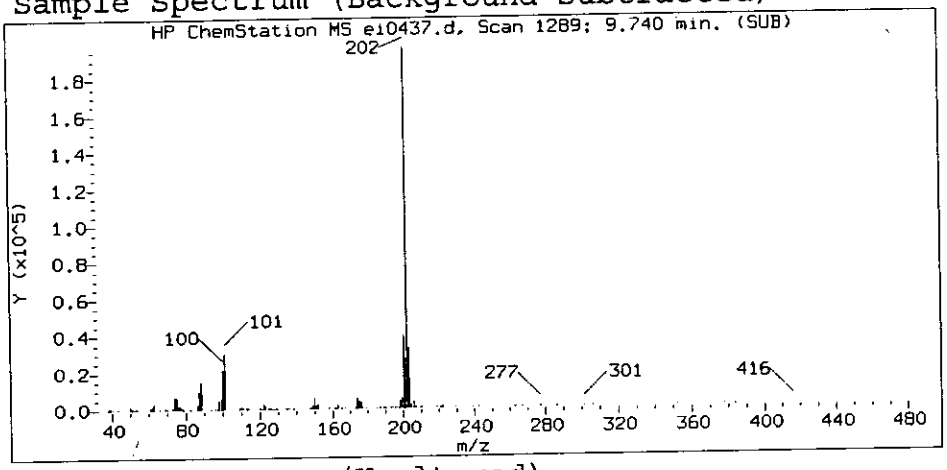
Reference Standard Spectrum for Fluoranthene

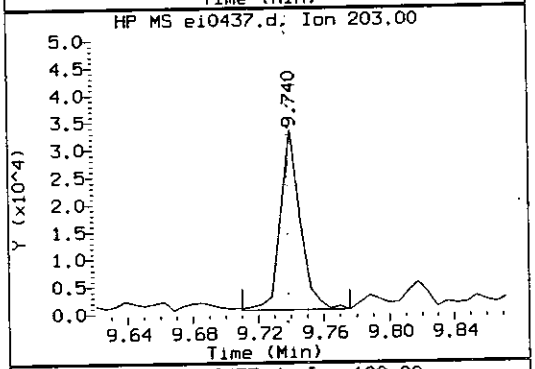




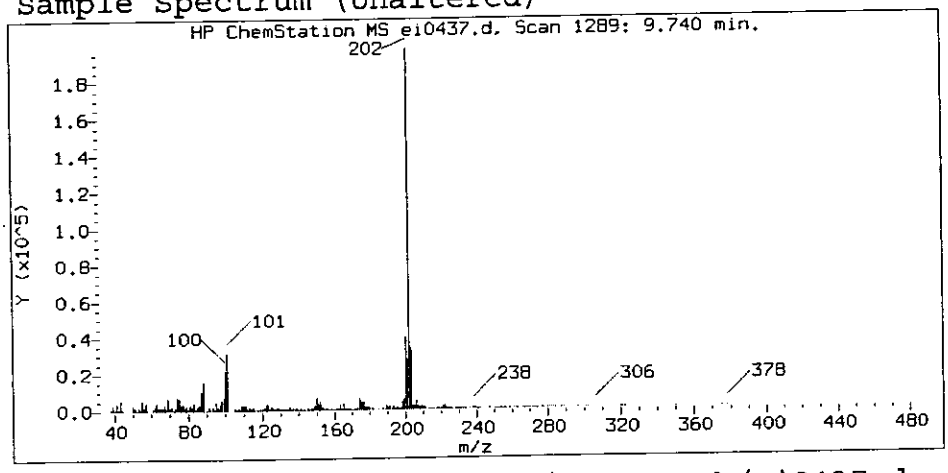


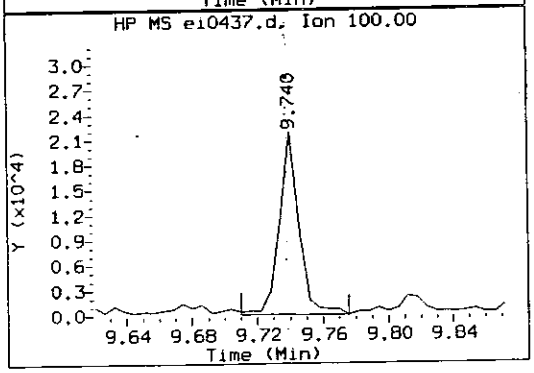
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

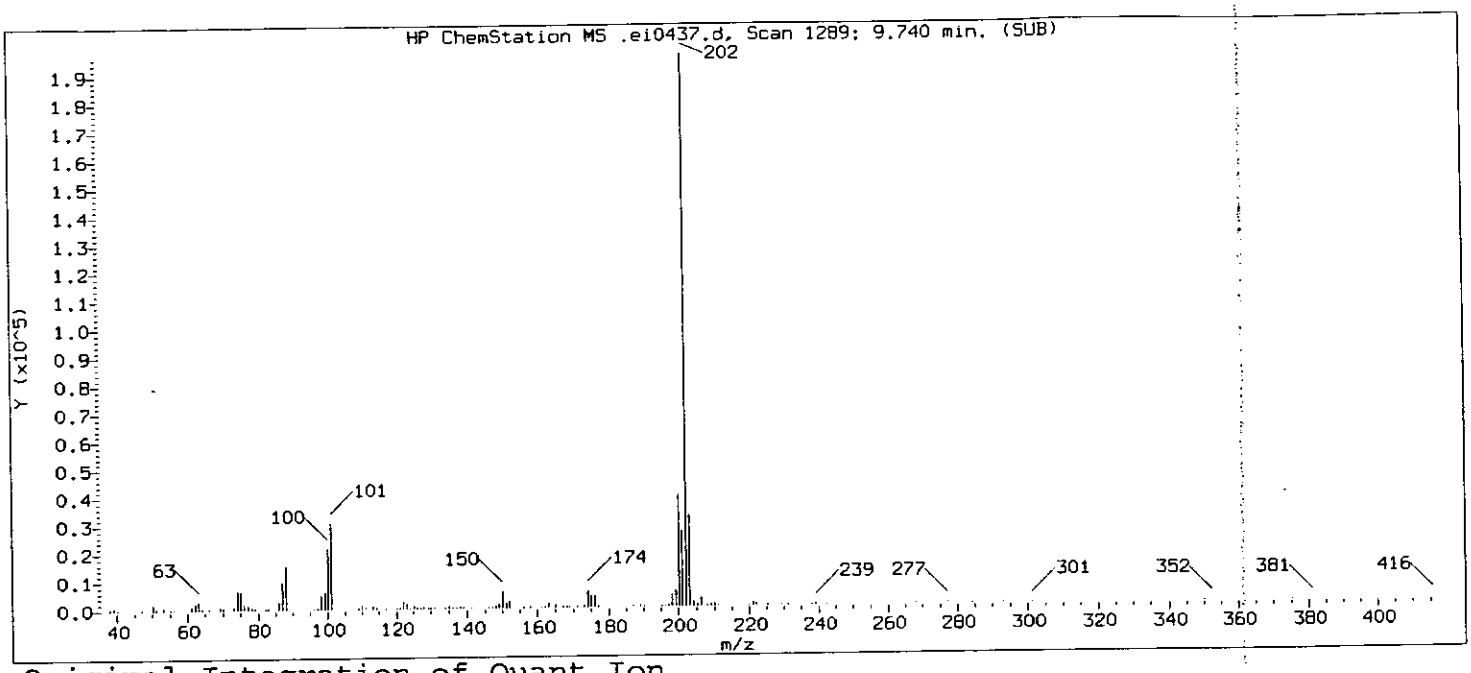
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

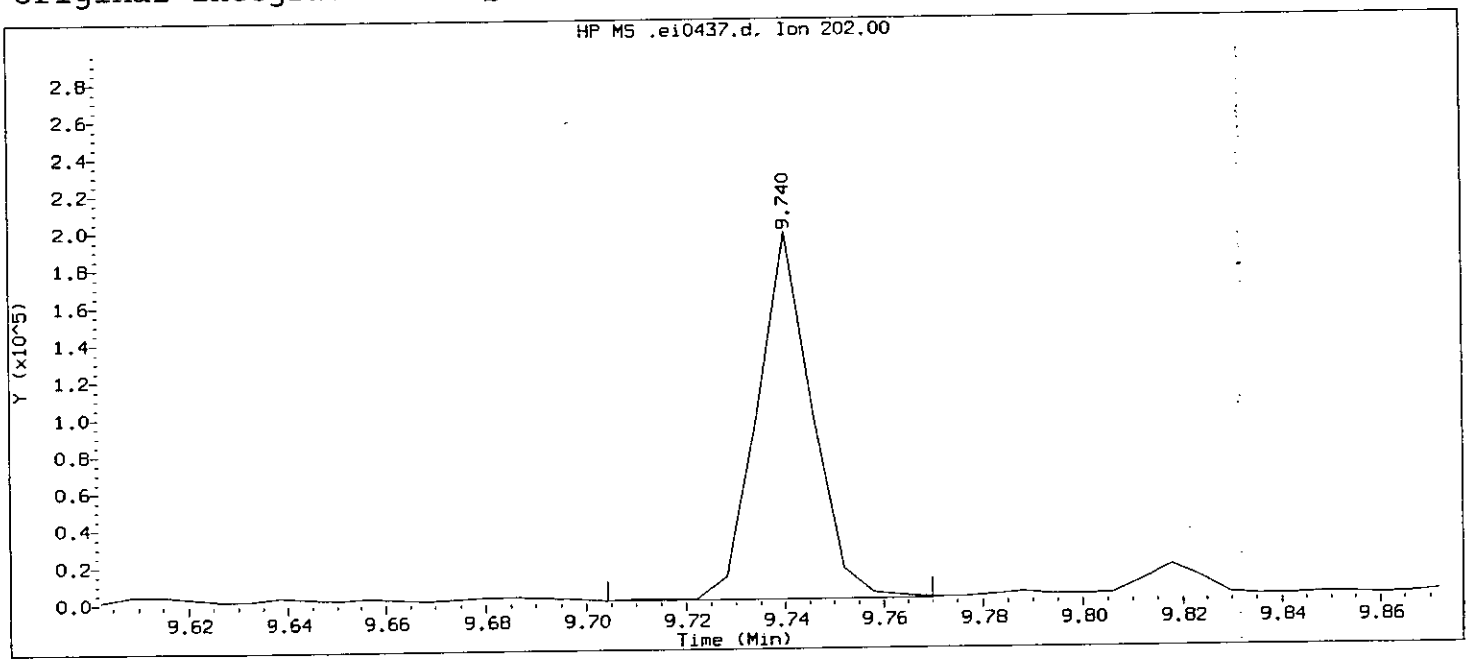
Lab Sample ID: 5454425

Compound Number	: 148
Compound Name	: Fluoranthene
Scan Number	: 1289
Retention Time (minutes)	: 9.740
Quant Ion	: 202.0
Area (flag)	: 151465 M
Concentration (ng/ul)	: 14.3786

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	148
Compound Name	:	Fluoranthene
Scan Number	:	1289
Retention Time (minutes)	:	9.740
Quant Ion	:	202
Area	:	152945
Concentration (ng/ul)	:	14.5190
Integration start scan	:	1282
Y at integration start	:	380

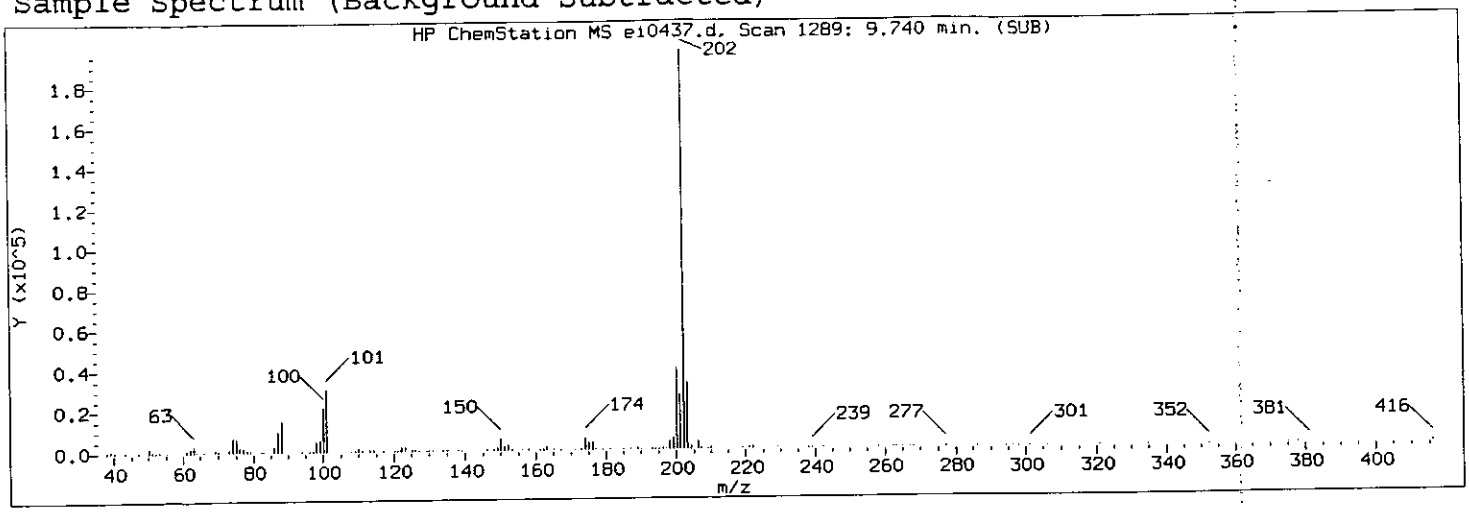
Integration stop scan: 1293
Y at integration end: 508

LMN1956
09/09/08

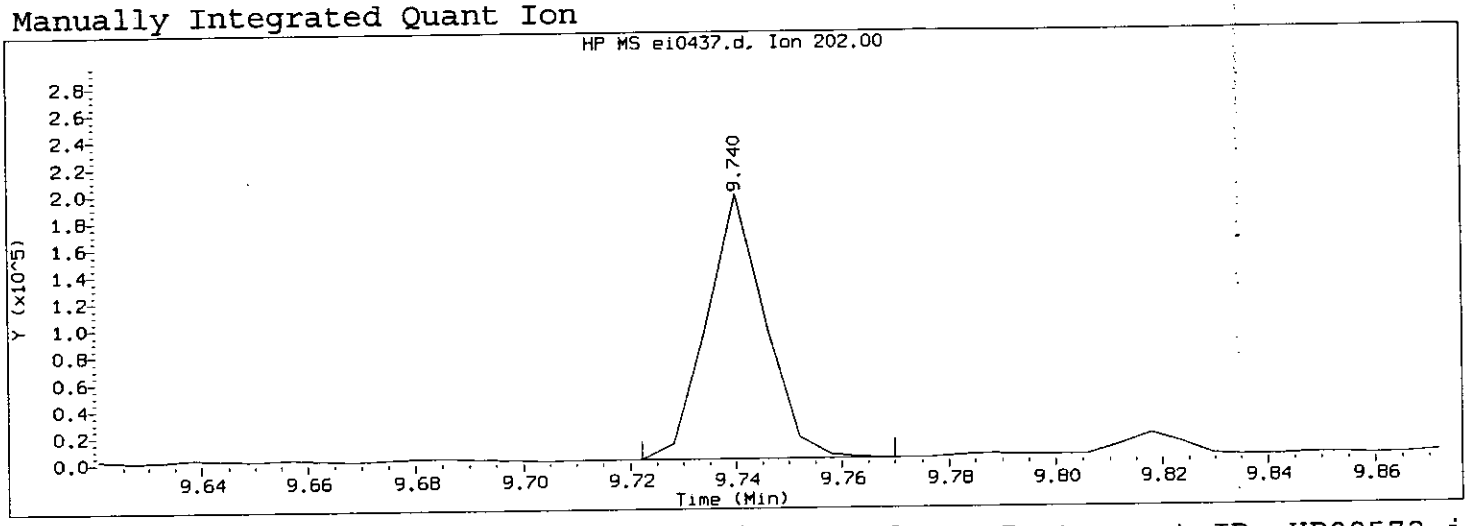
ASX04 0192

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1289
Retention Time (minutes): 9.740
Quant Ion : 202
Area (flag) : 151465 M
Concentration (ng/ul) : 14.3786
Integration start scan : 1285 Integration stop scan: 1293
Y at integration start : 780 Y at integration end: 780

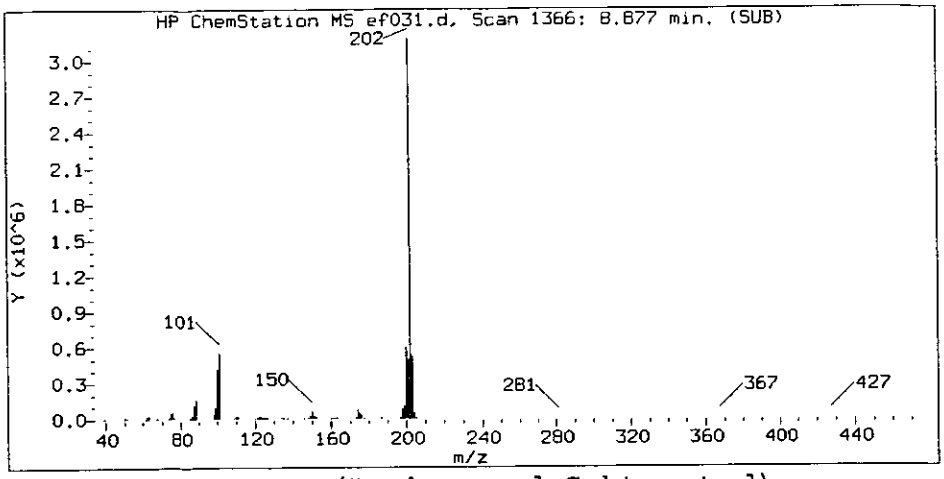
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmn198e 09/09/08

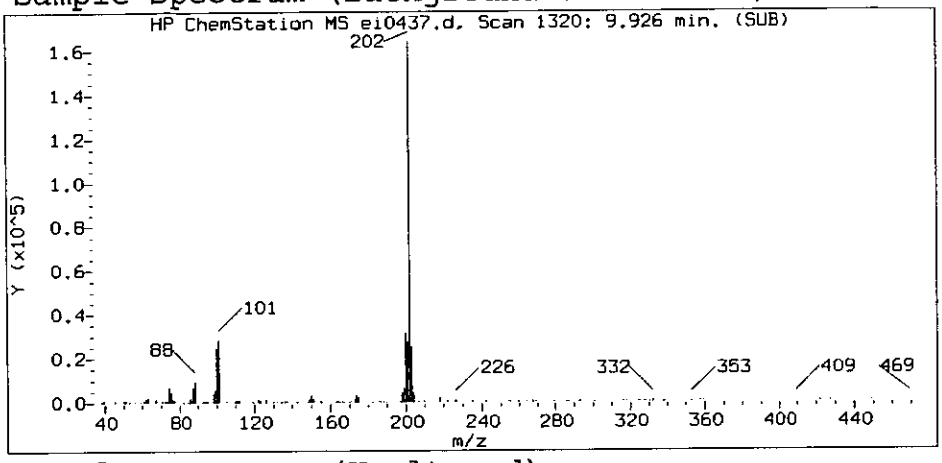
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

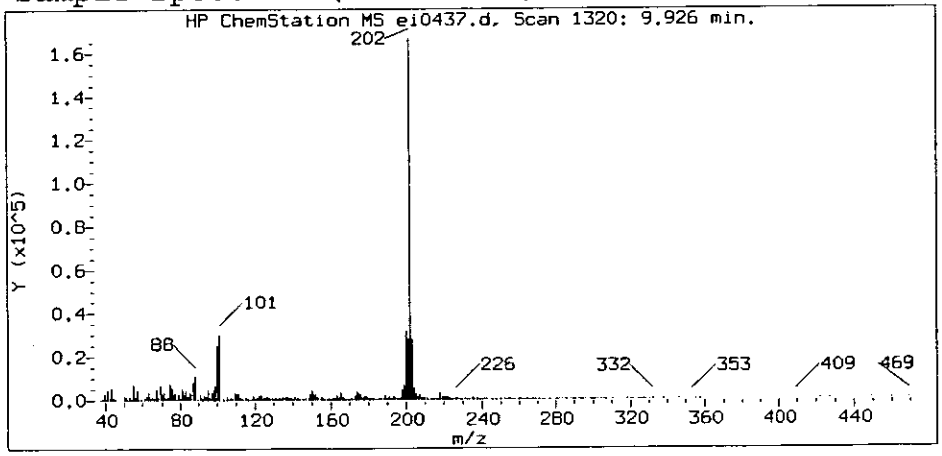
Reference Standard Spectrum for Pyrene

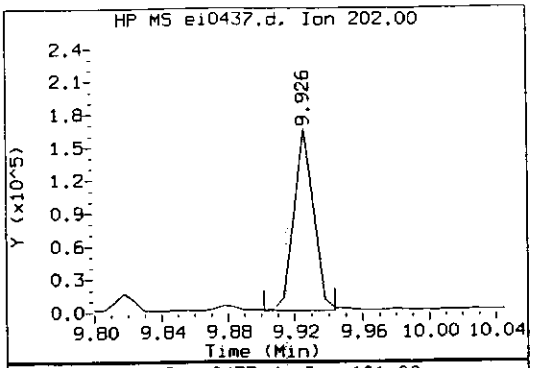


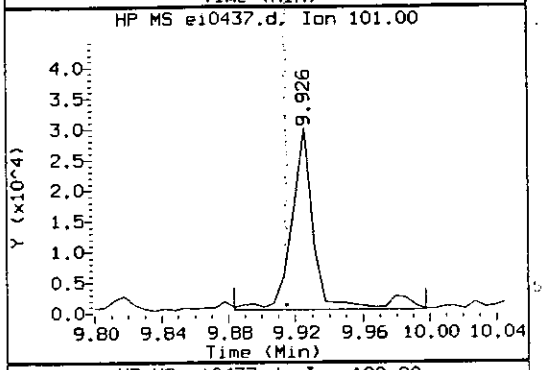
Sample Spectrum (Background Subtracted)

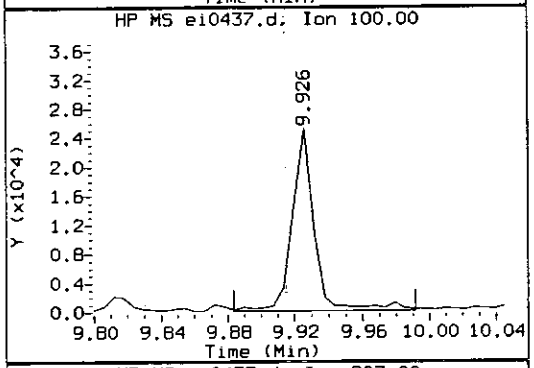


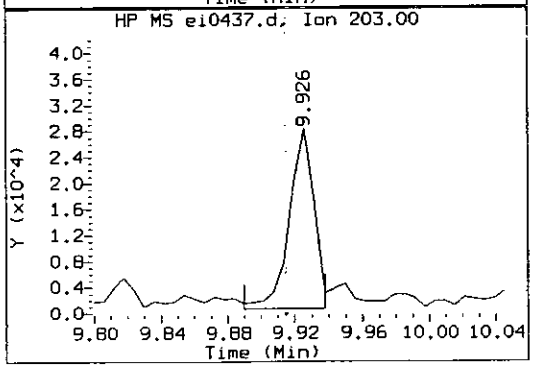
Sample Spectrum (Unaltered)











Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

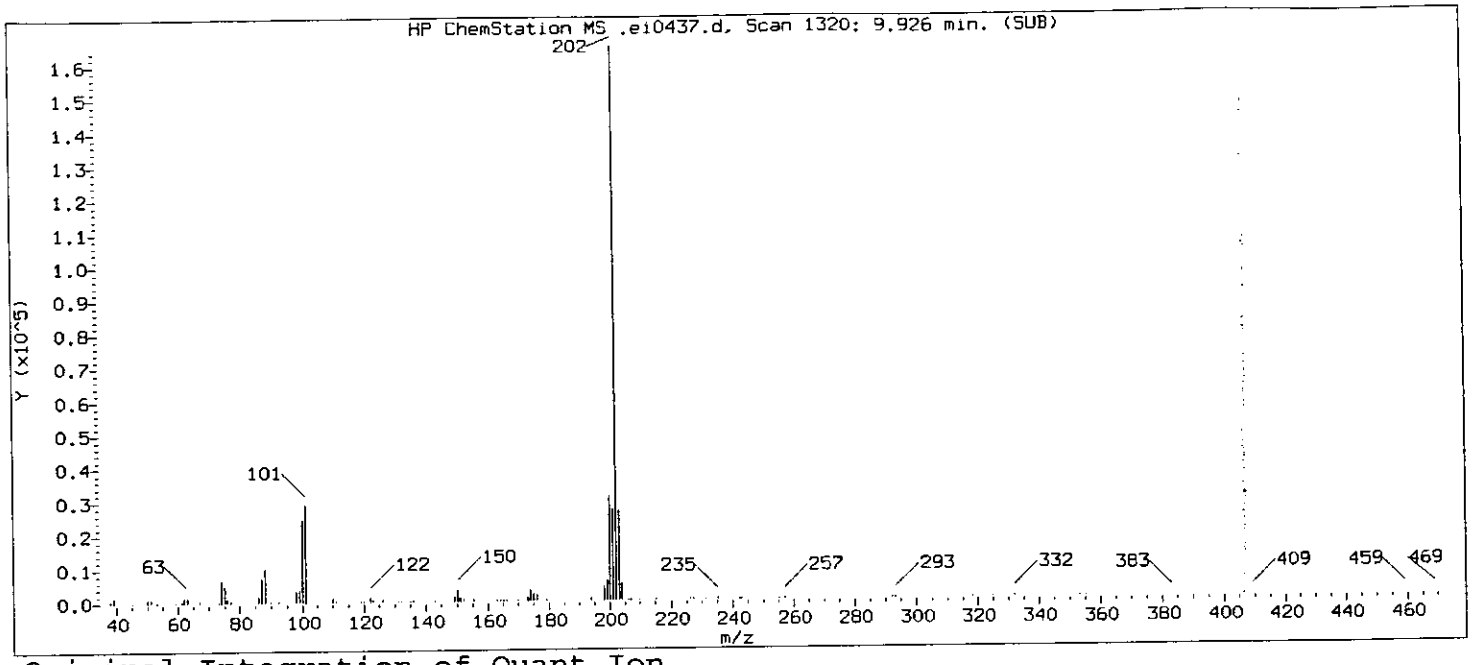
Sample Name: AMSSY

Lab Sample ID: 5454425

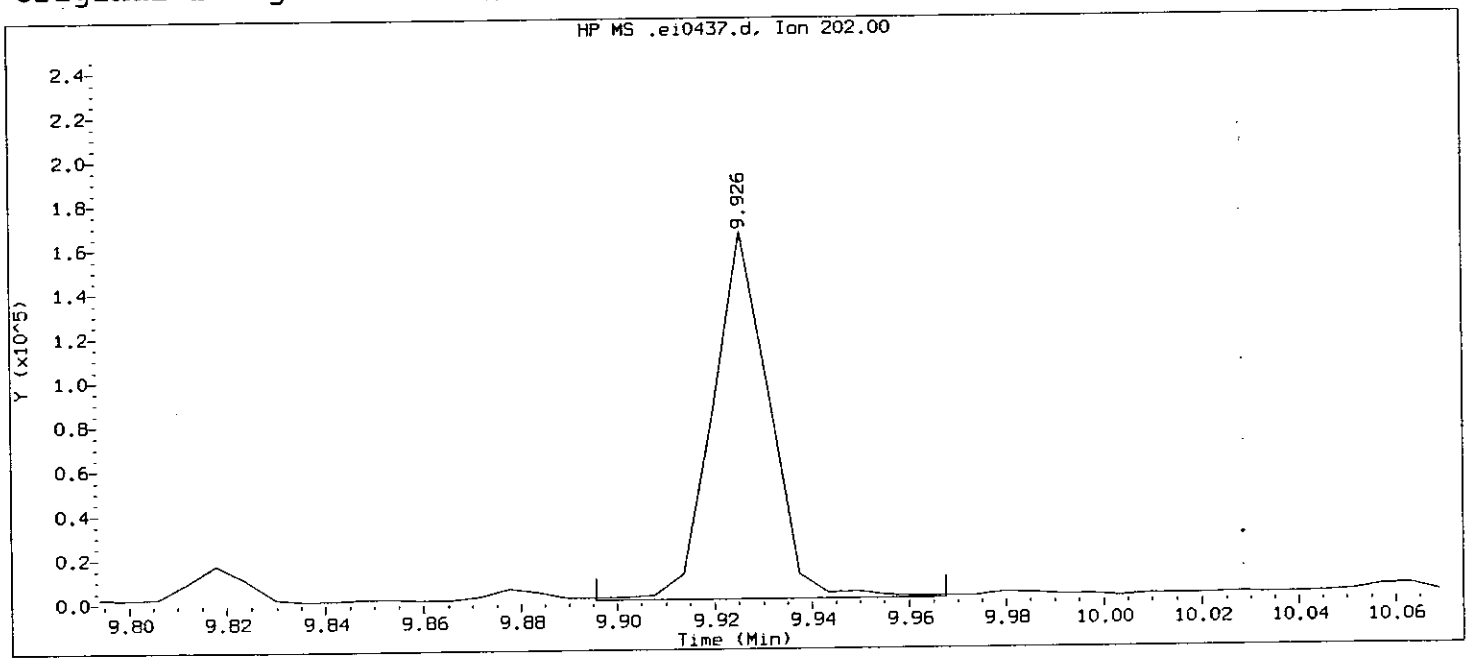
Compound Number	: 155
Compound Name	: Pyrene
Scan Number	: 1320
Retention Time (minutes)	: 9.926
Quant Ion	: 202.0
Area (flag)	: 129617 M
Concentration (ng/ul)	: 13.9012

ASX84 8194

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	155
Compound Name	:	Pyrene
Scan Number	:	1320
Retention Time (minutes)	:	9.926
Quant Ion	:	202
Area	:	133698
Concentration (ng/ul)	:	14.3388
Integration start scan	:	1314
Y at integration start	:	658

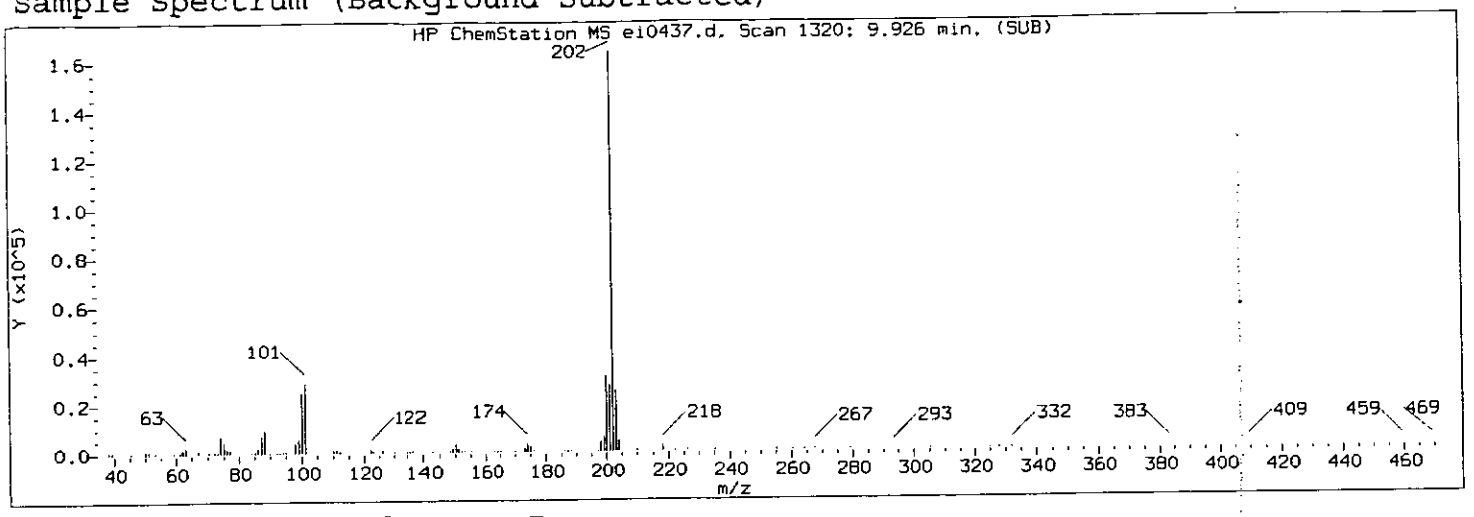
Integration stop scan: 1326
Y at integration end: 696

hmn1986
09/09/08

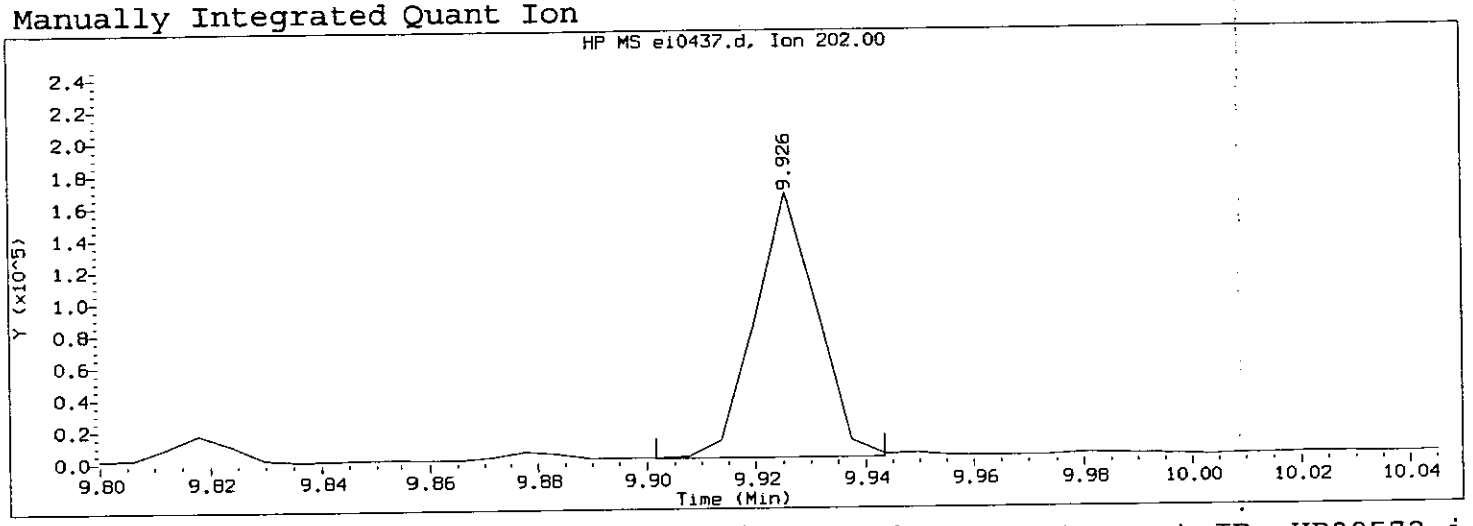
ASX04 #195

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sublist used: STC8

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	: 155	
Compound Name	: Pyrene	
Scan Number	: 1320	
Retention Time (minutes)	: 9.926	
Quant Ion	: 202	
Area (flag)	: 129617	M
Concentration (ng/ul)	: 13.9012	
Integration start scan	: 1315	Integration stop scan: 1322
Y at integration start	: 1339	Y at integration end: 1339

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmm198e 09/09/08

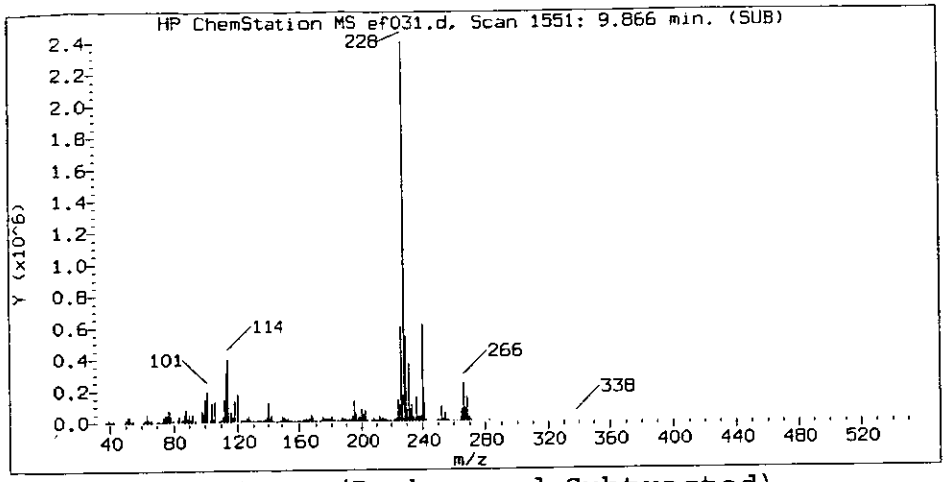
9/10/08

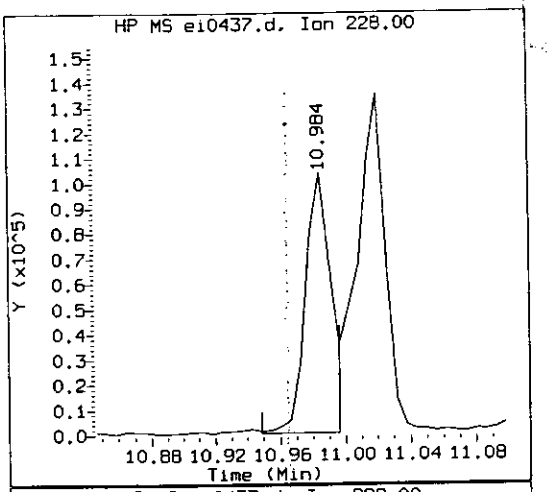
ASM04 8196

GC/MS audit/management approval: _____

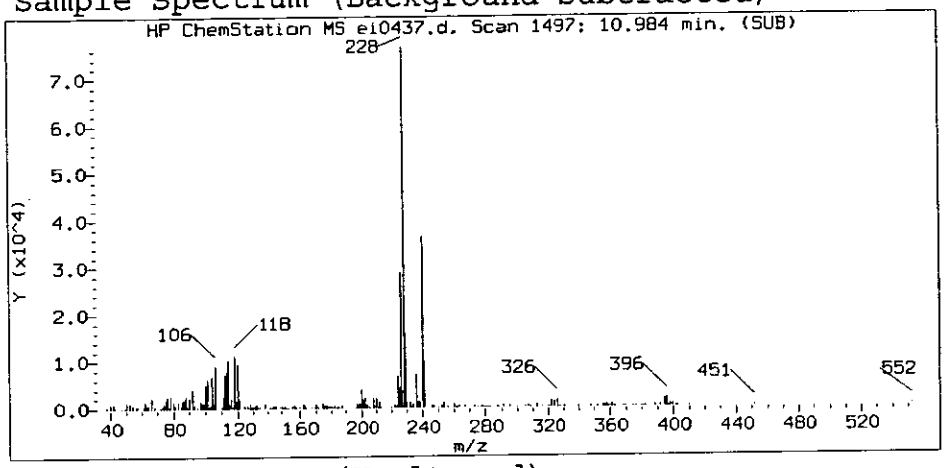
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

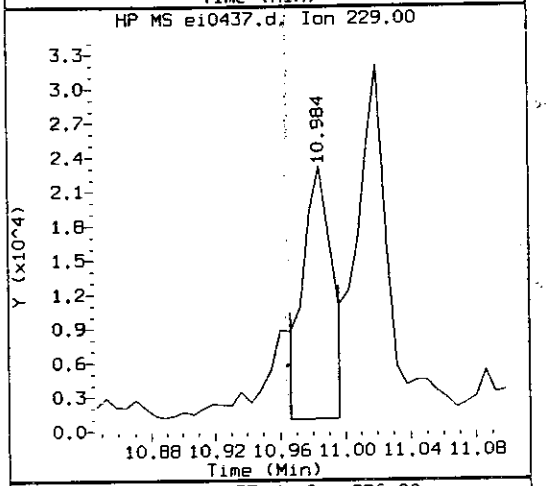
Reference Standard Spectrum for Benzo(a)anthracene



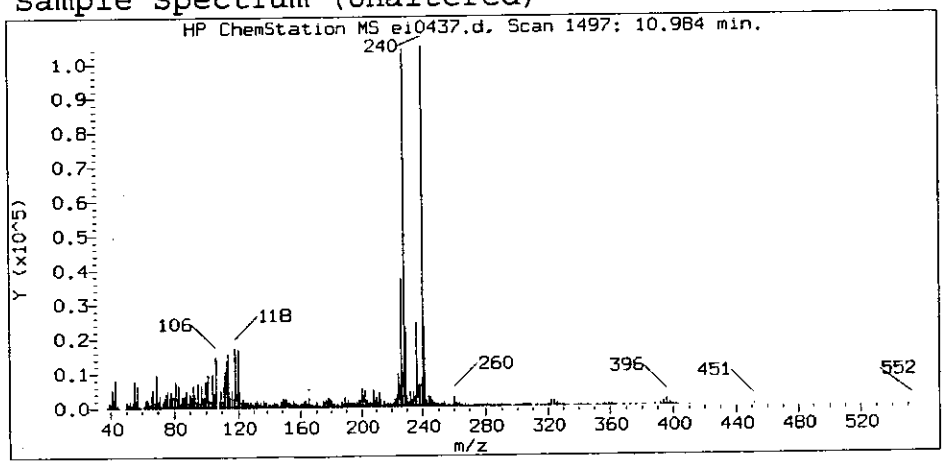


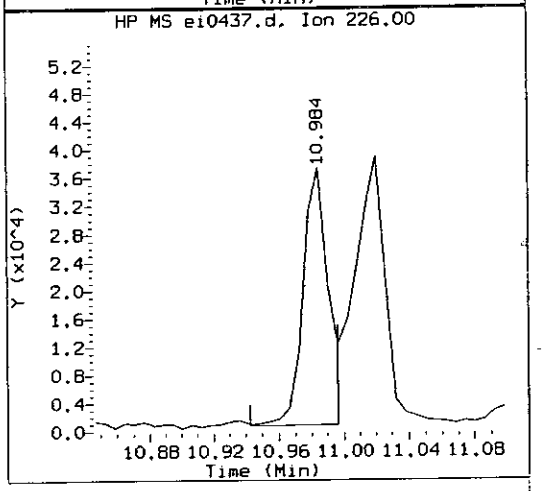
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

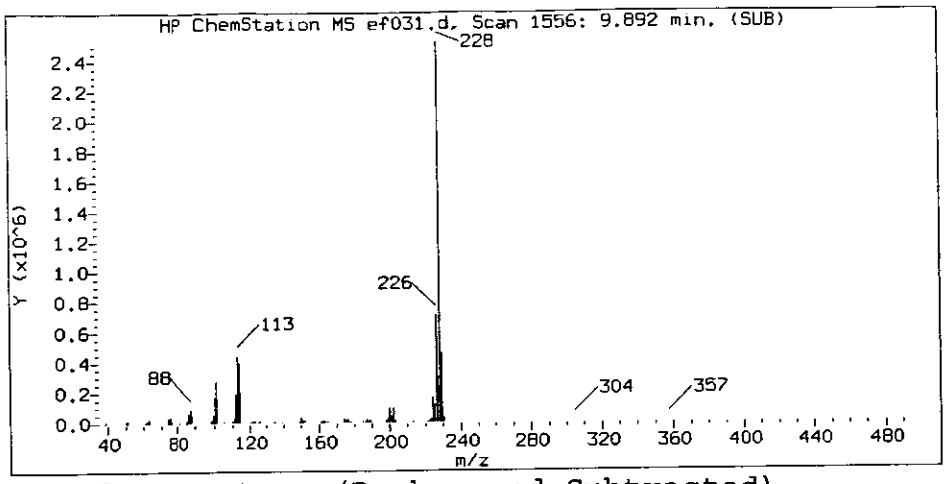
Lab Sample ID: 5454425

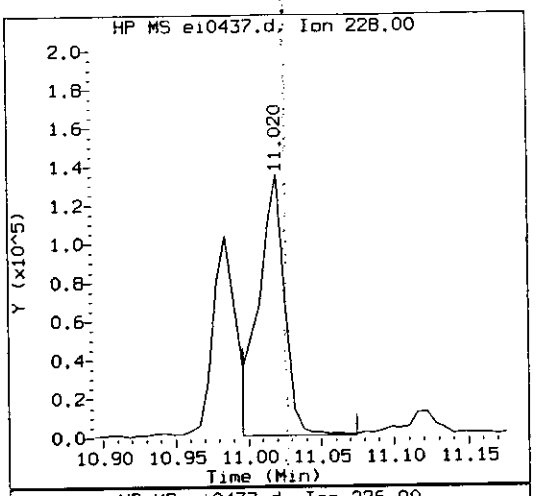
Compound Number : 167
Compound Name : Benzo(a)anthracene
Scan Number : 1497
Retention Time (minutes): 10.984
Quant Ion : 228.0
Area (flag) : 109343
Concentration (ng/ul) : 12.0571

ASXB4 0197

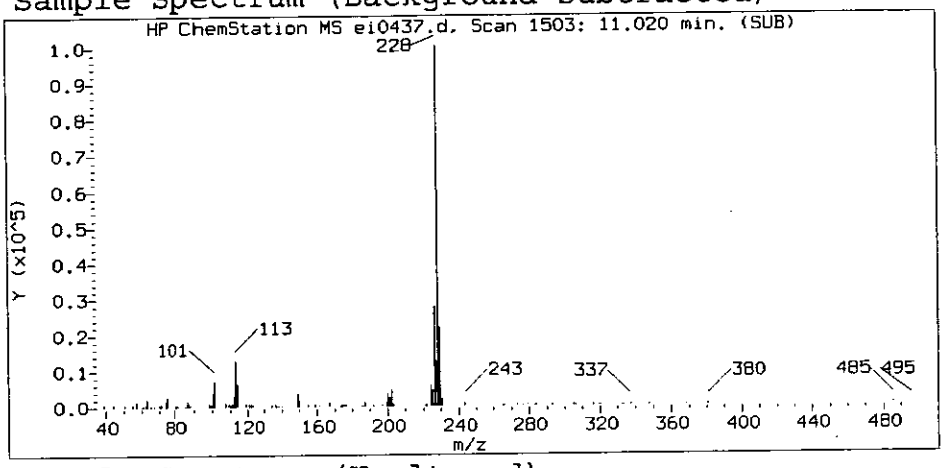
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:54

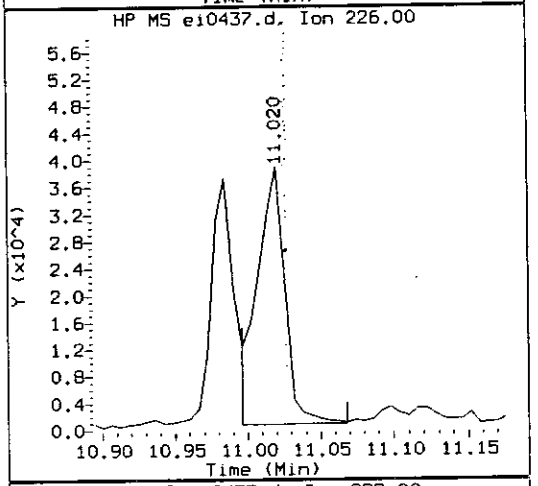
Reference Standard Spectrum for Chrysene



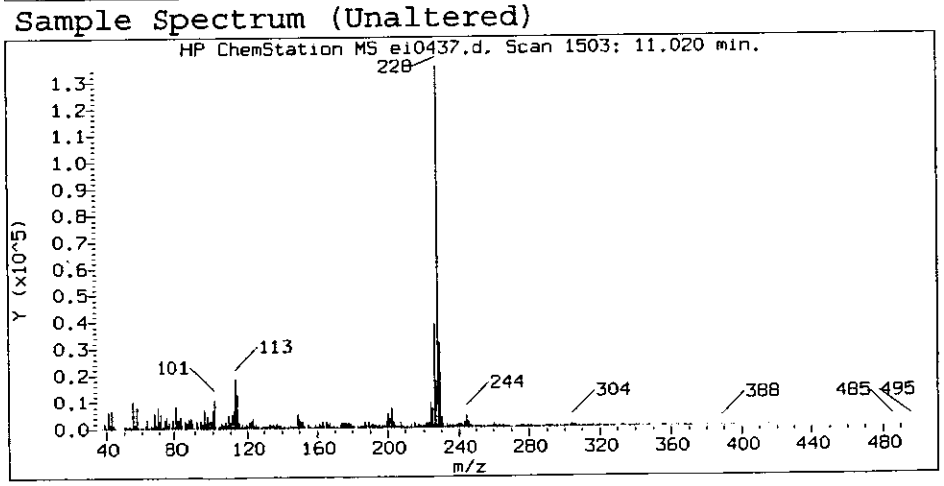


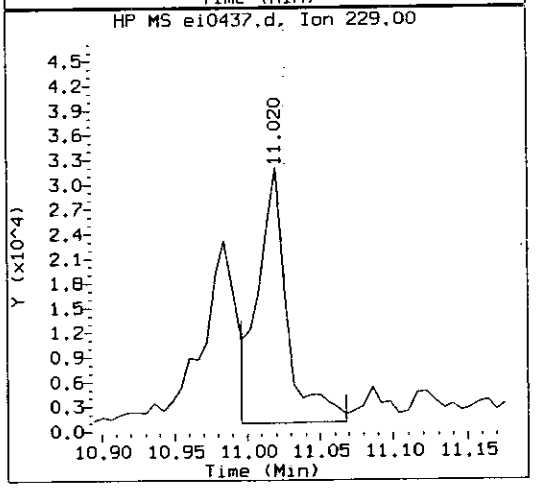
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

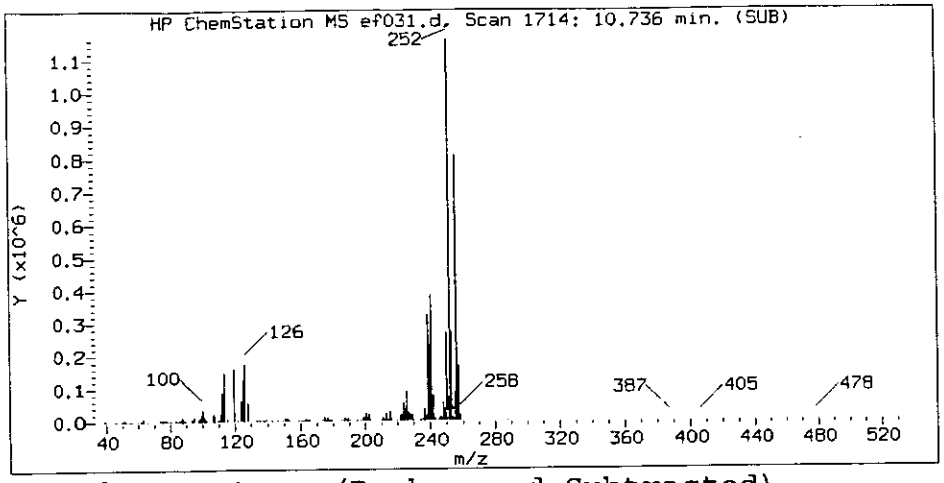
Sample Name: AMSSY

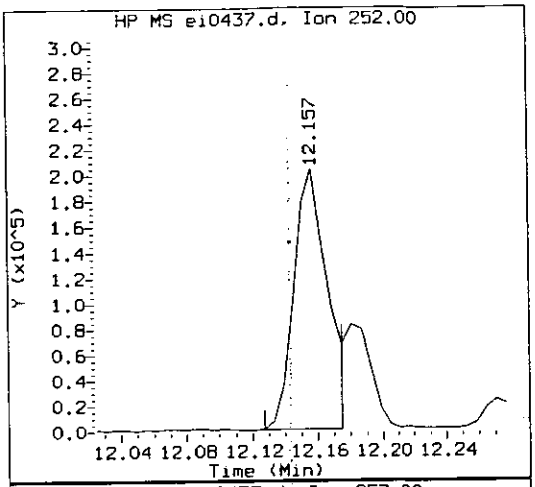
Lab Sample ID: 5454425

Compound Number	: 169
Compound Name	: Chrysene
Scan Number	: 1503
Retention Time (minutes)	: 11.020
Quant Ion	: 228.0
Area (flag)	: 168176
Concentration (ng/ul)	: 19.4346

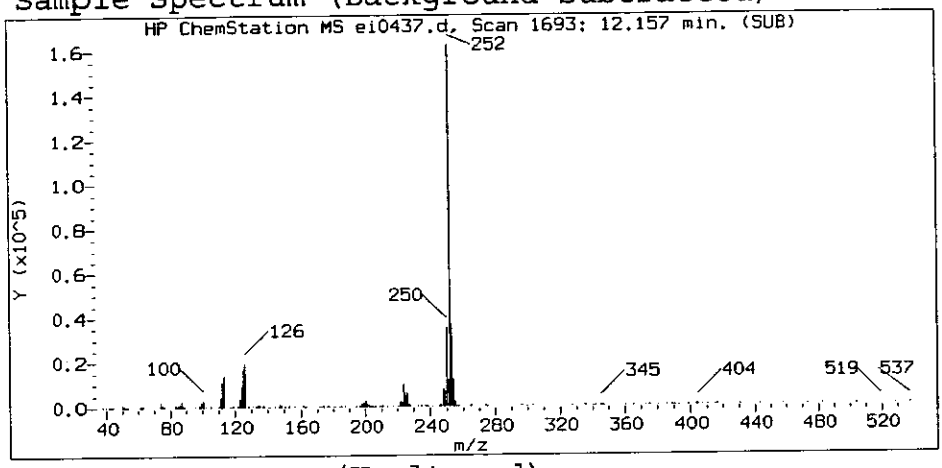
ASX04 0198

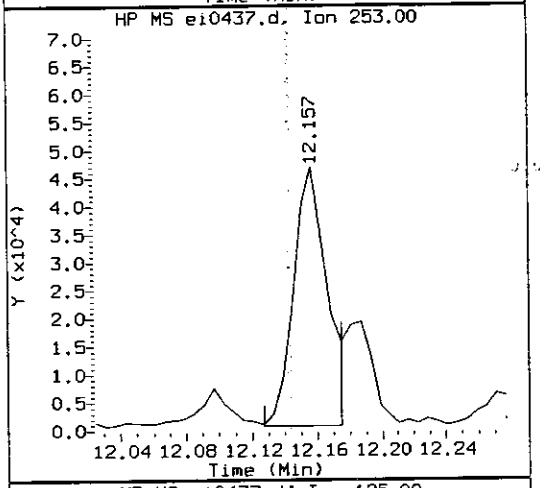
Reference Standard Spectrum for Benzo(b)fluoranthene



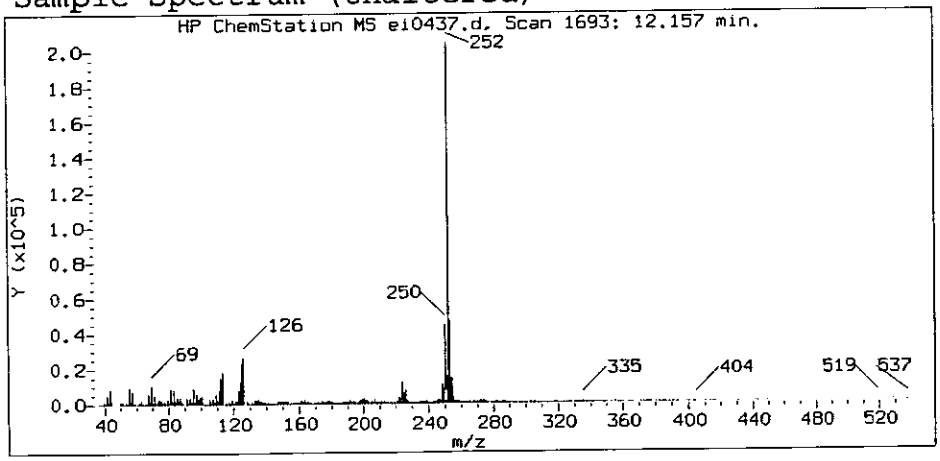


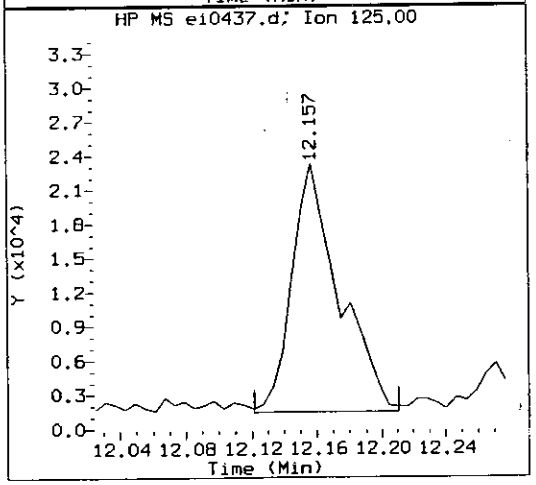
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

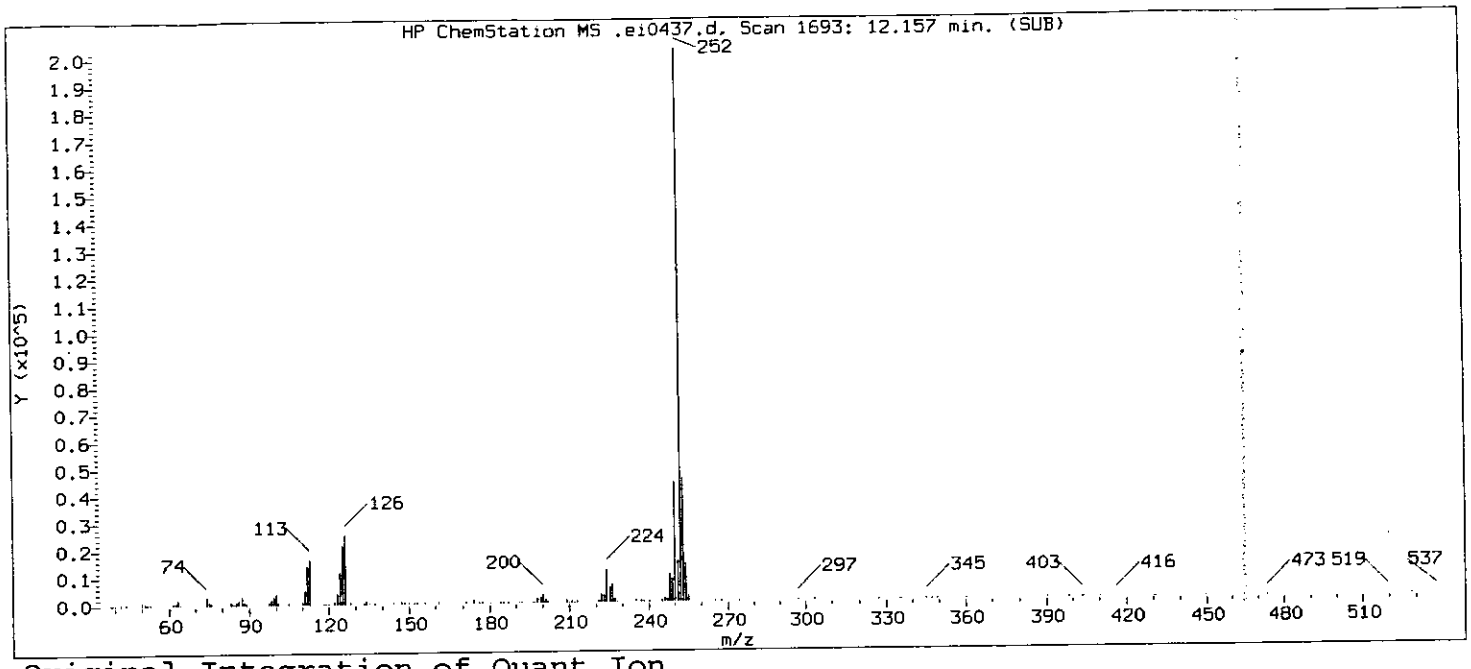
Sample Name: AMSSY

Lab Sample ID: 5454425

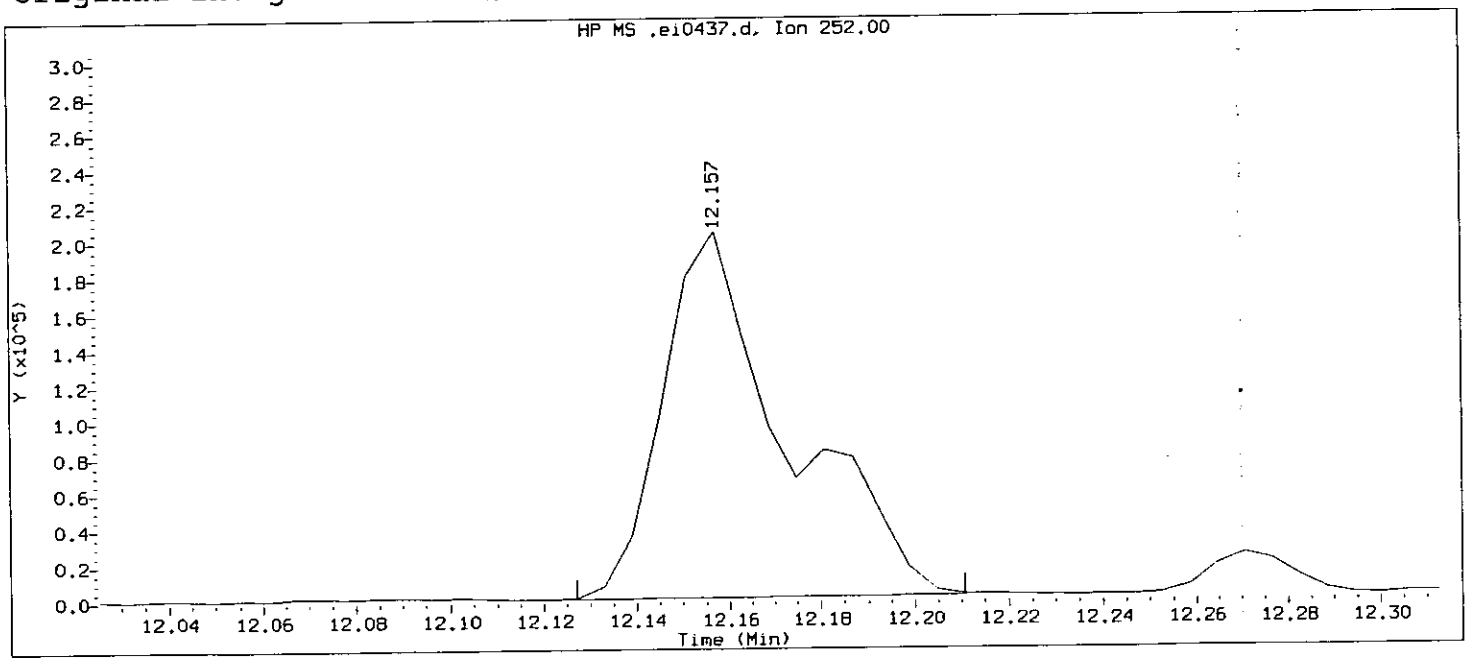
Compound Number	: 173
Compound Name	: Benzo(b)fluoranthene
Scan Number	: 1693
Retention Time (minutes)	: 12.157
Quant Ion	: 252.0
Area (flag)	: 297146 M
Concentration (ng/ul)	: 28.6344

ASX84 0199

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sample Name: AMSSY

Lab Sample ID: 5454425

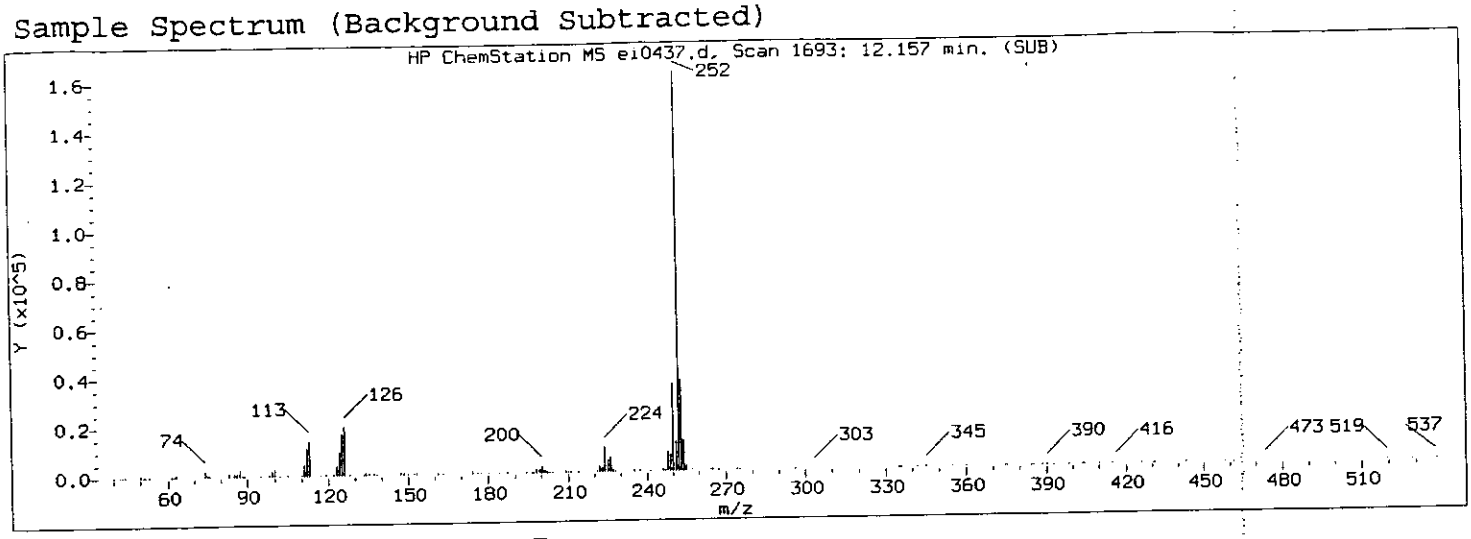
Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1693
Retention Time (minutes): 12.157
Quant Ion : 252
Area : 377672
Concentration (ng/ul) : 36.3943
Integration start scan : 1687
Integration stop scan: 1701
Y at integration start : 1202
Y at integration end: 2090

MMHS 09/09/08

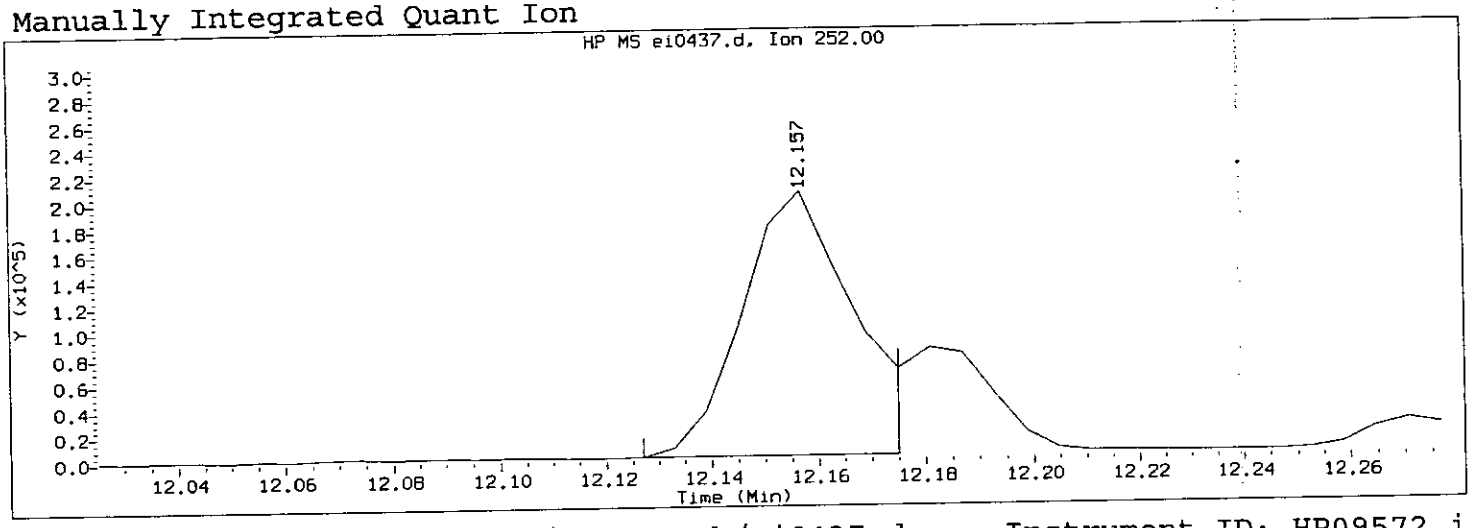
ASX84 8288

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	: 173	
Compound Name	: Benzo(b)fluoranthene	
Scan Number	: 1693	
Retention Time (minutes)	: 12.157	
Quant Ion	: 252	
Area (flag)	: 297146	M
Concentration (ng/ul)	: 28.6344	
Integration start scan	: 1687	Integration stop scan: 1695
Y at integration start	: 1465	Y at integration end: 1465

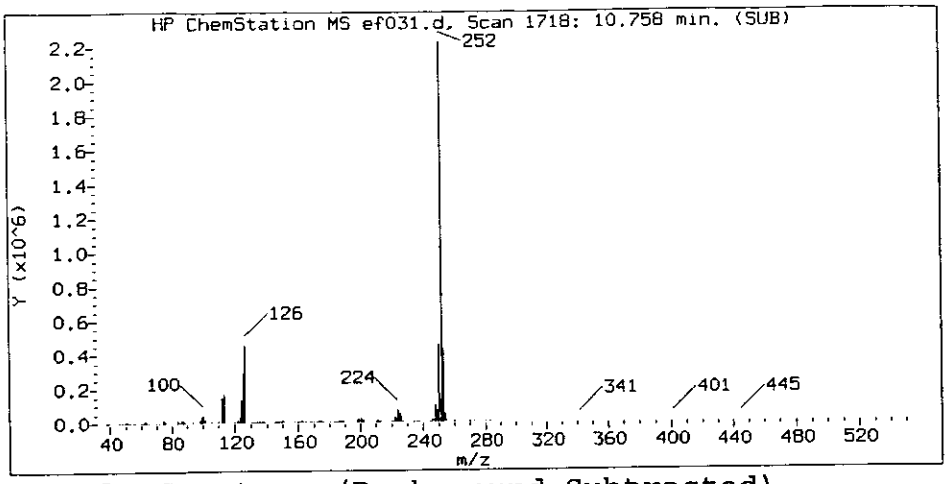
Reason for manual integration (circle one): missed peak improper integration

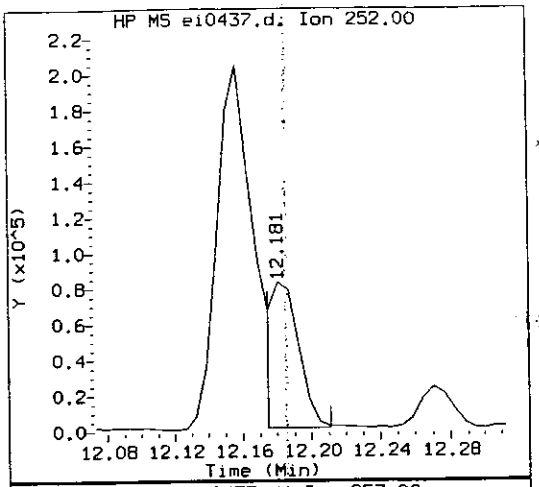
Analyst responsible for change: lmh198 09/09/08

GC/MS audit/management approval: 9/10/08

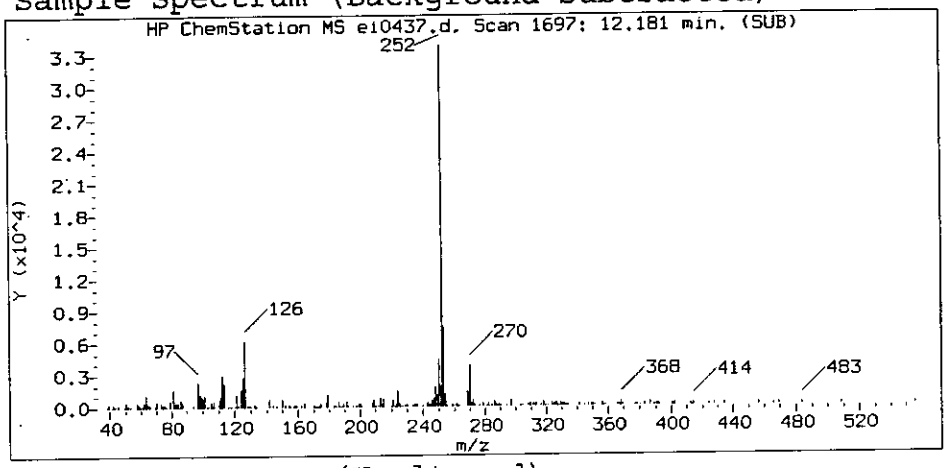
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

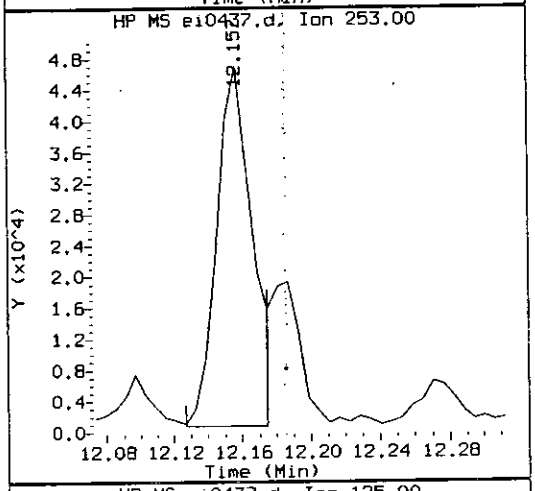
Reference Standard Spectrum for Benzo(k)fluoranthene



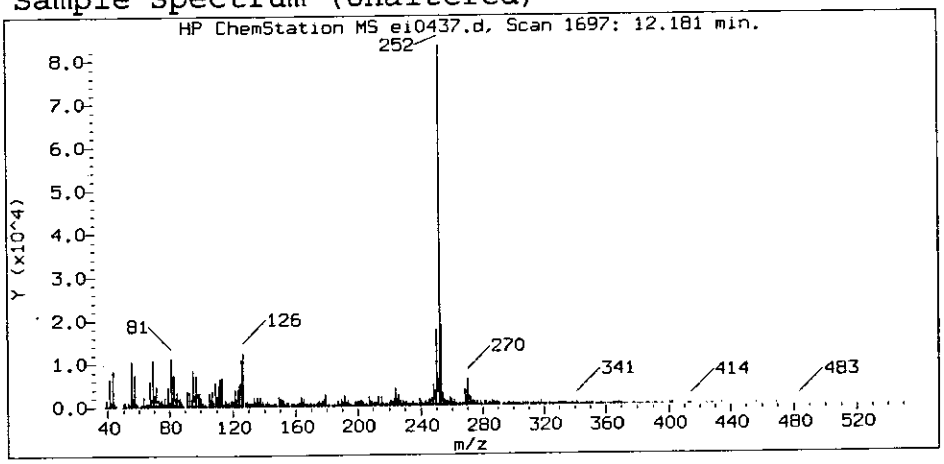


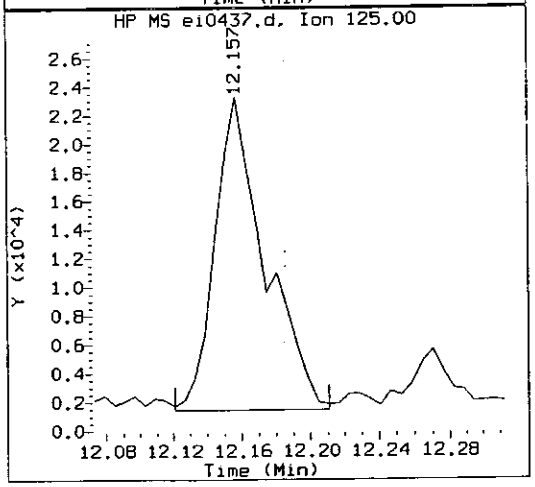
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

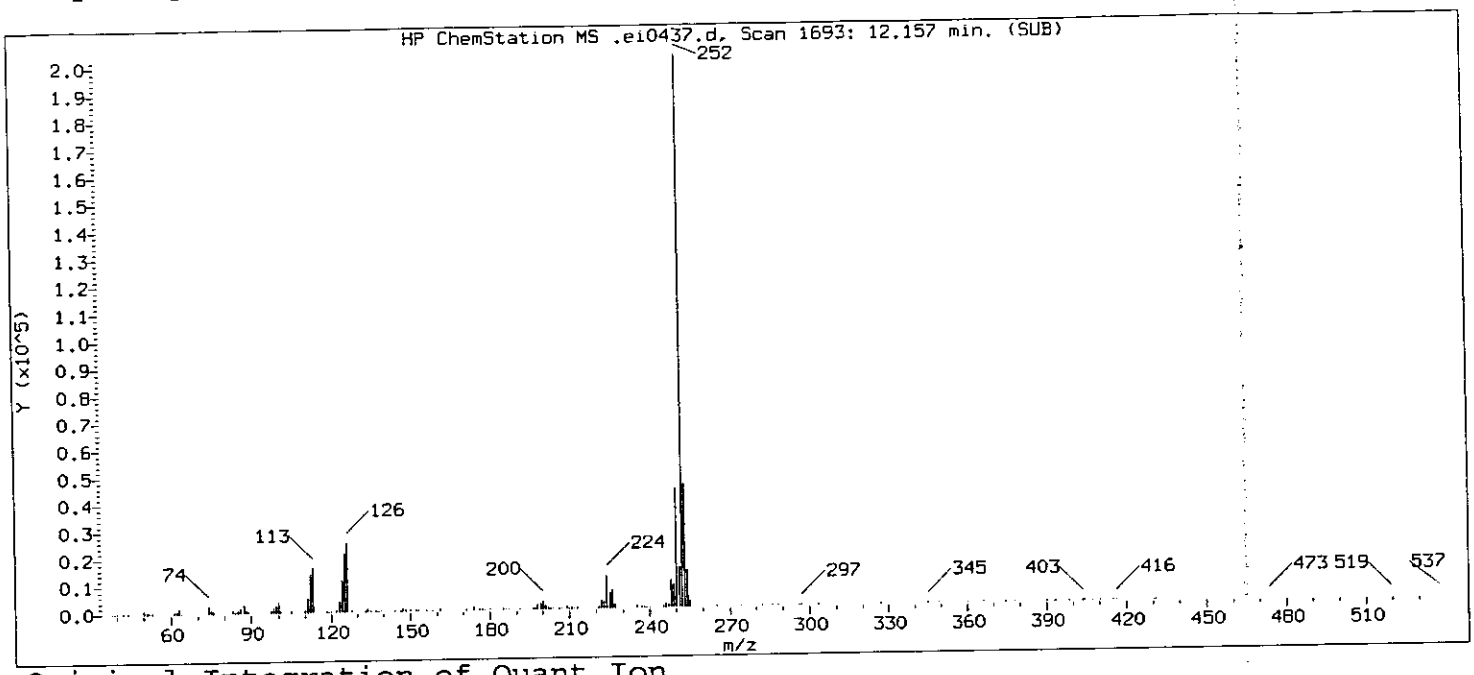
Sample Name: AMSSY

Lab Sample ID: 5454425

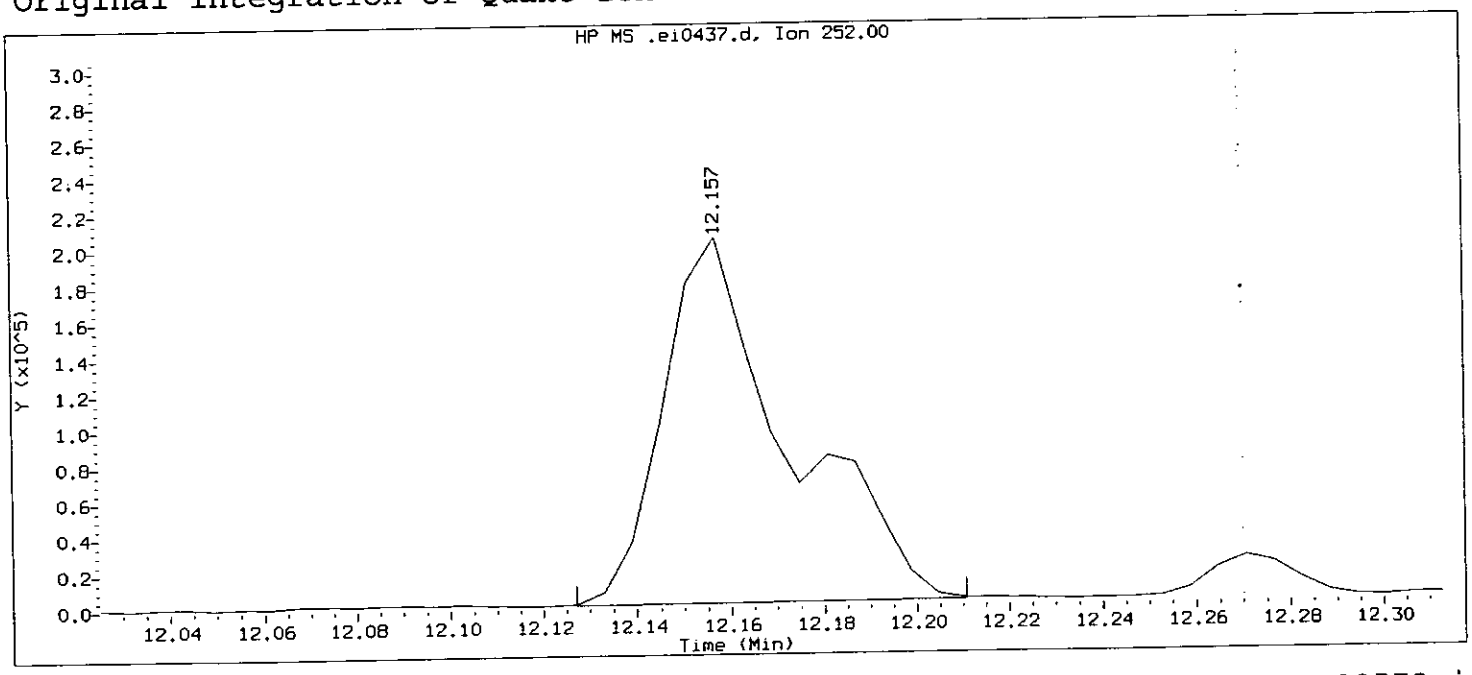
Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1697
Retention Time (minutes): 12.181
Quant Ion : 252.0
Area (flag) : 104550 M
Concentration (ng/ul) : 9.6717

ASX84 0282

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number	: 174
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1693
Retention Time (minutes)	: 12.157
Quant Ion	: 252
Area	: 377672
Concentration (ng/ul)	: 34.9376
Integration start scan	: 1687 Integration stop scan: 1701
Y at integration start	: 1202 Y at integration end: 2090

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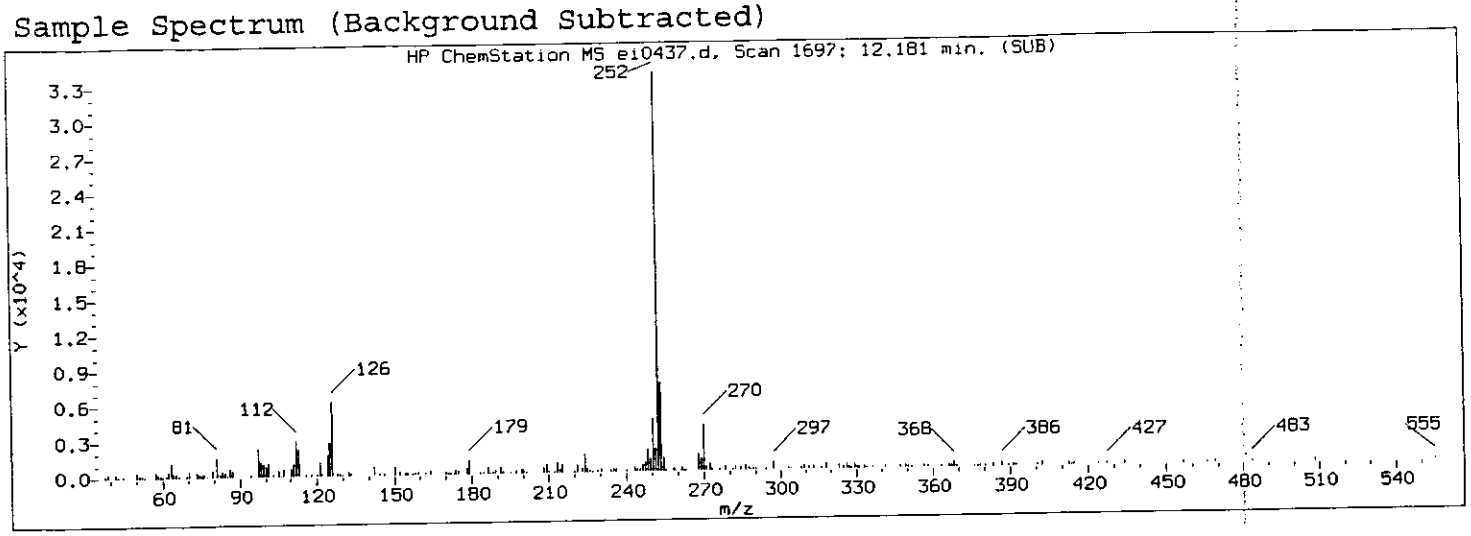
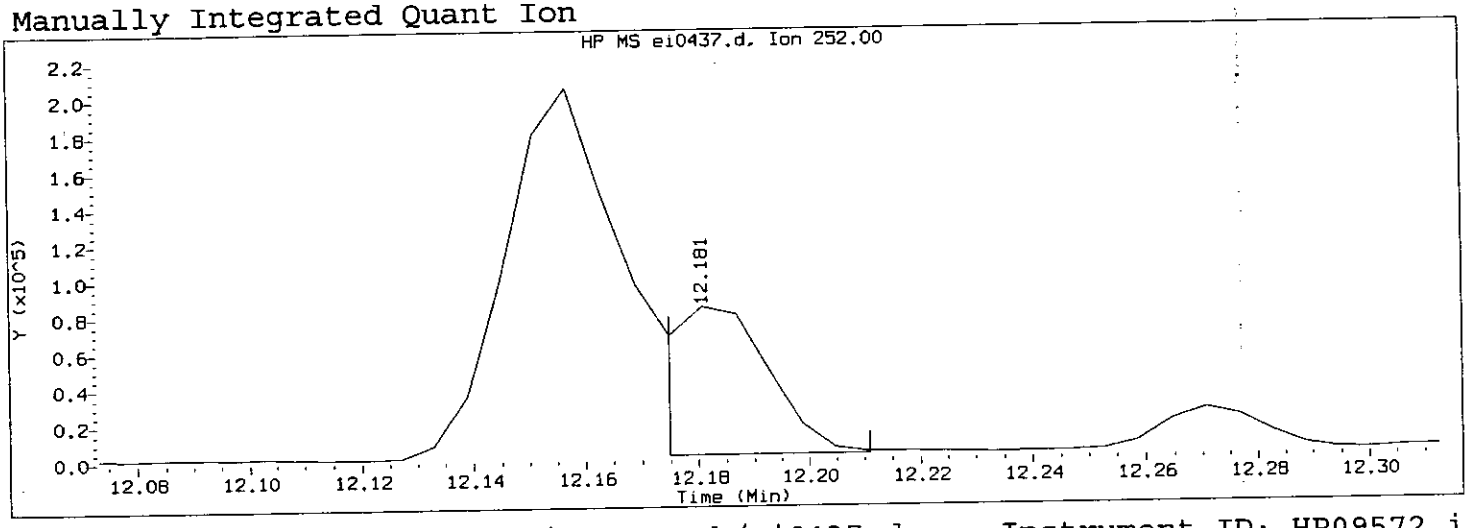
nSX84 8283

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sublist used: STC8

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	: 174	
Compound Name	: Benzo(k)fluoranthene	
Scan Number	: 1697	
Retention Time (minutes)	: 12.181	
Quant Ion	: 252	
Area (flag)	: 104550	M
Concentration (ng/ul)	: 9.6717	
Integration start scan	: 1695	Integration stop scan: 1701
Y at integration start	: 1825	Y at integration end: 1825

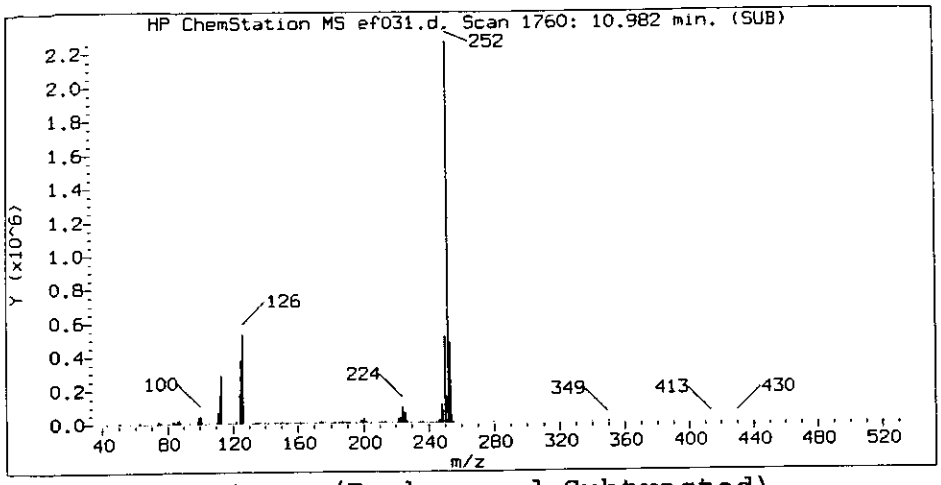
Reason for manual integration (circle one): missed peak improper integration

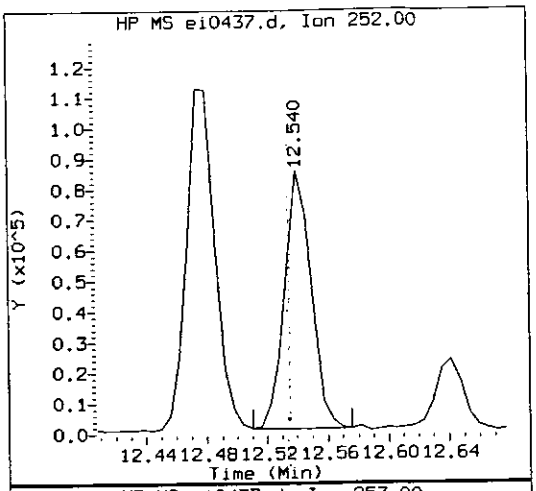
Analyst responsible for change: lmh198 09/09/08

GC/MS audit/management approval: 9/10/08

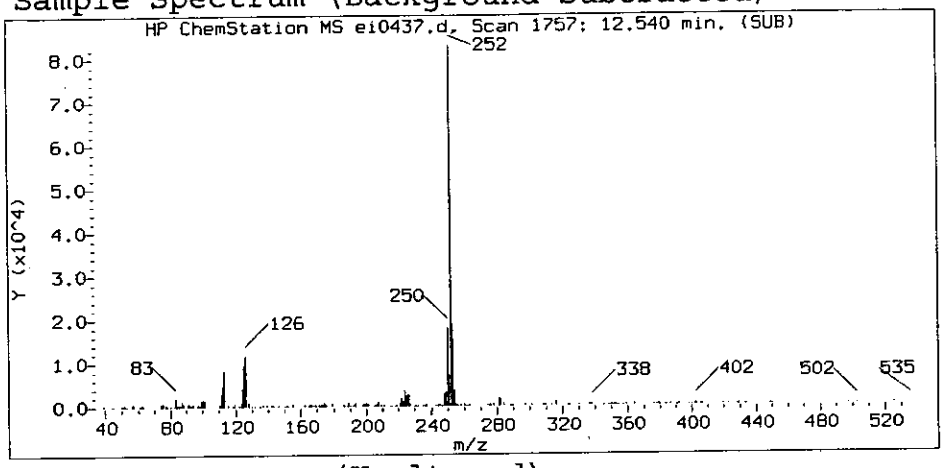
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

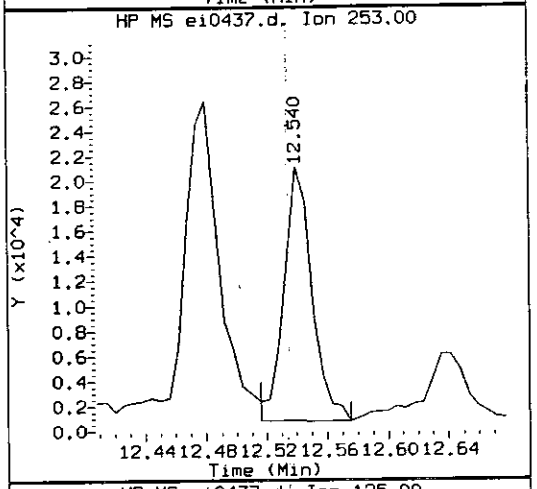
Reference Standard Spectrum for Benzo(a)pyrene



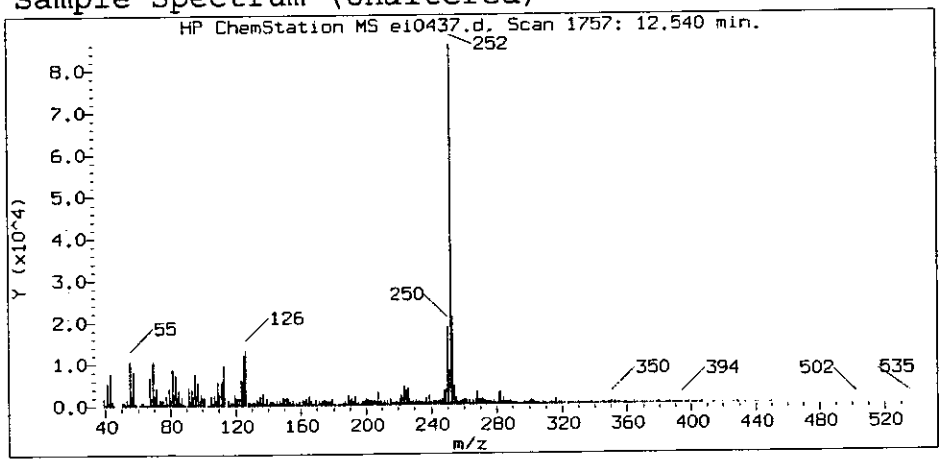


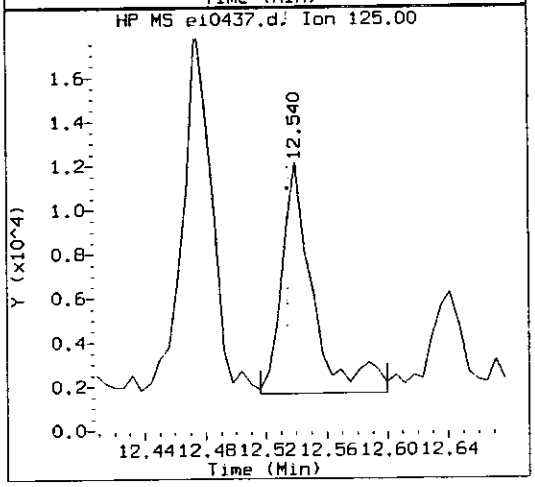
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

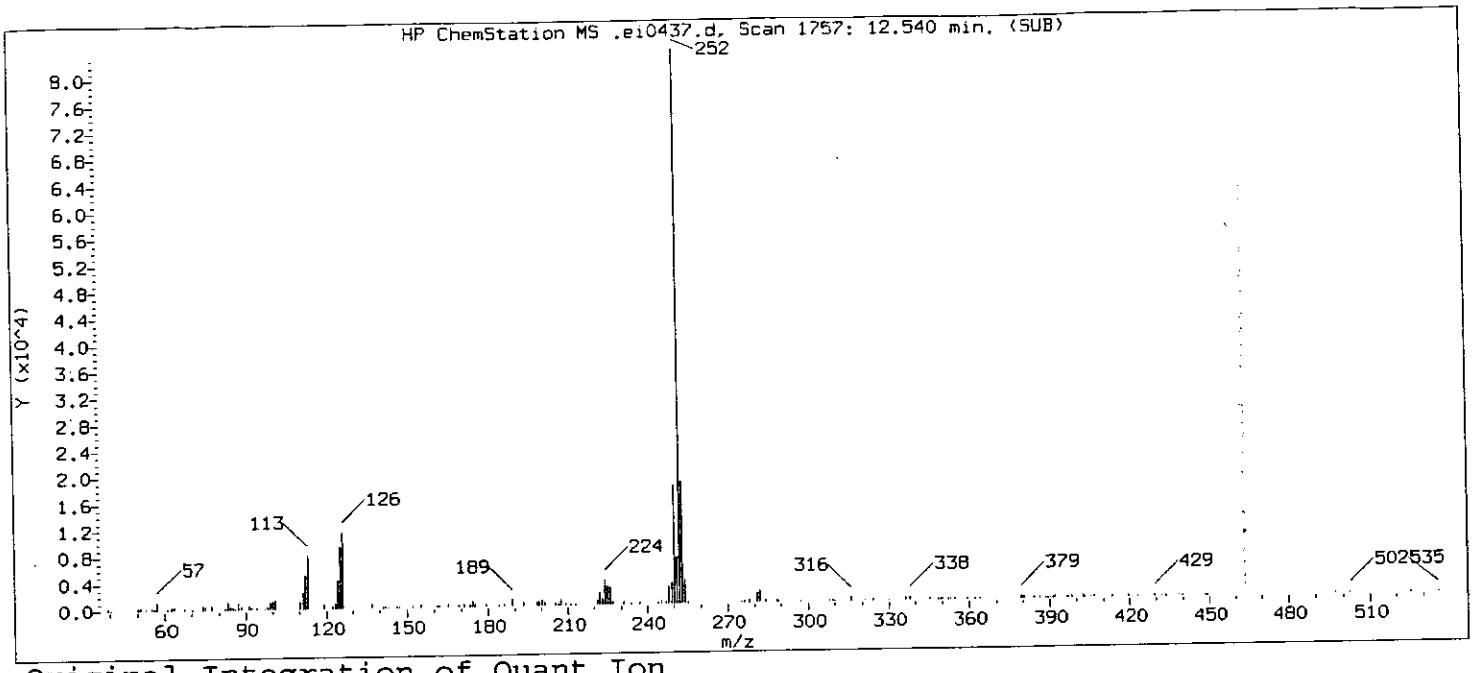
Sample Name: AMSSY

Lab Sample ID: 5454425

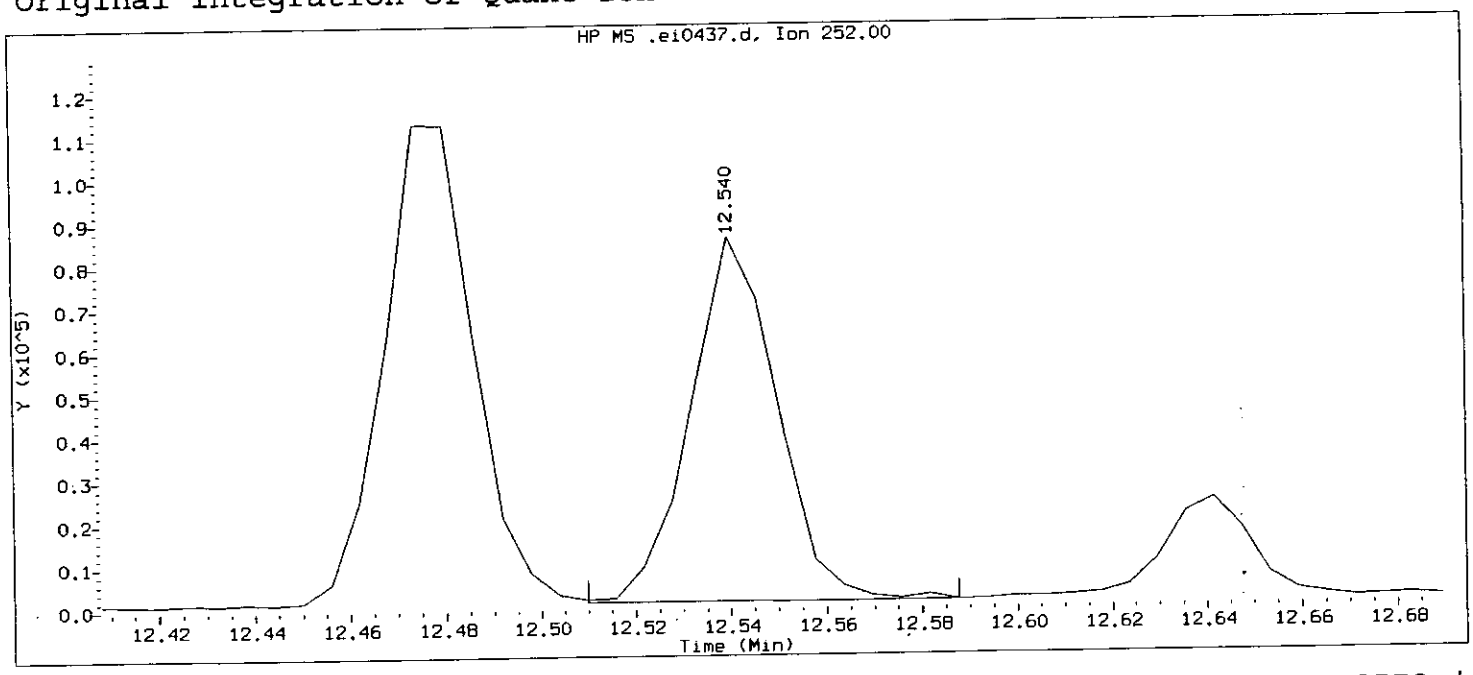
Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1757
Retention Time (minutes)	: 12.540
Quant Ion	: 252.0
Area (flag)	: 104869 M
Concentration (ng/ul)	: 11.1577

ASX04 8285

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sample Name: AMSSY

Lab Sample ID: 5454425

Compound Number	:	175
Compound Name	:	Benzo(a)pyrene
Scan Number	:	1757
Retention Time (minutes)	:	12.540
Quant Ion	:	252
Area	:	106729
Concentration (ng/ul)	:	11.3556
Integration start scan	:	1751
Y at integration start	:	1381

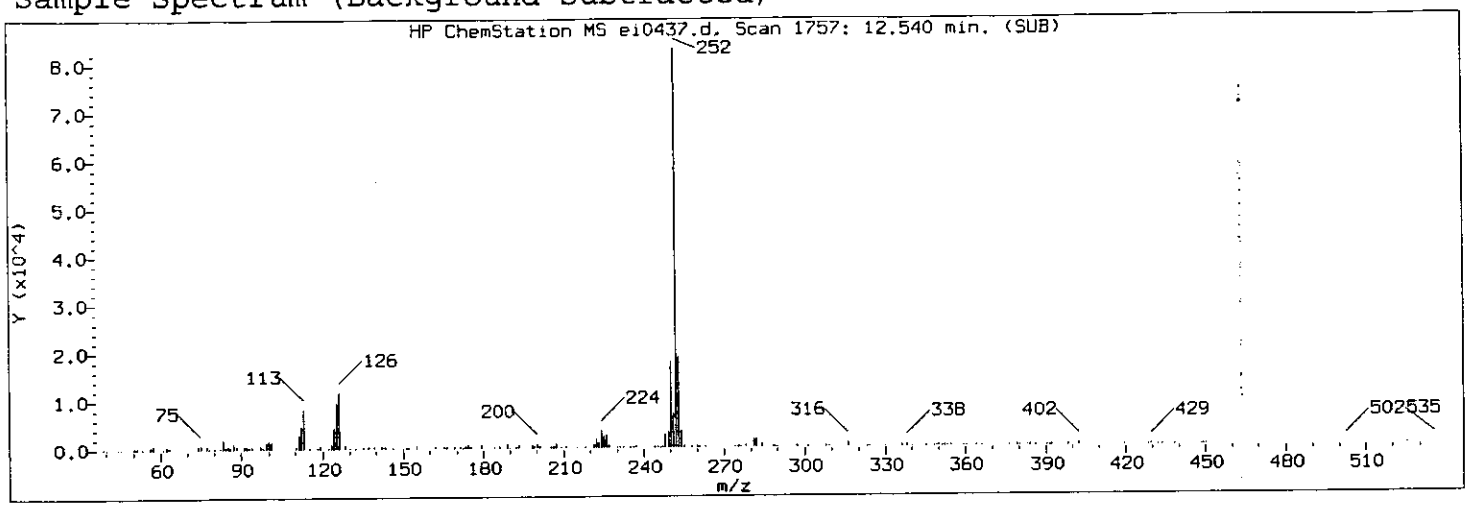
Integration stop scan: 1764
Y at integration end: 1146

LMM 09/09/08

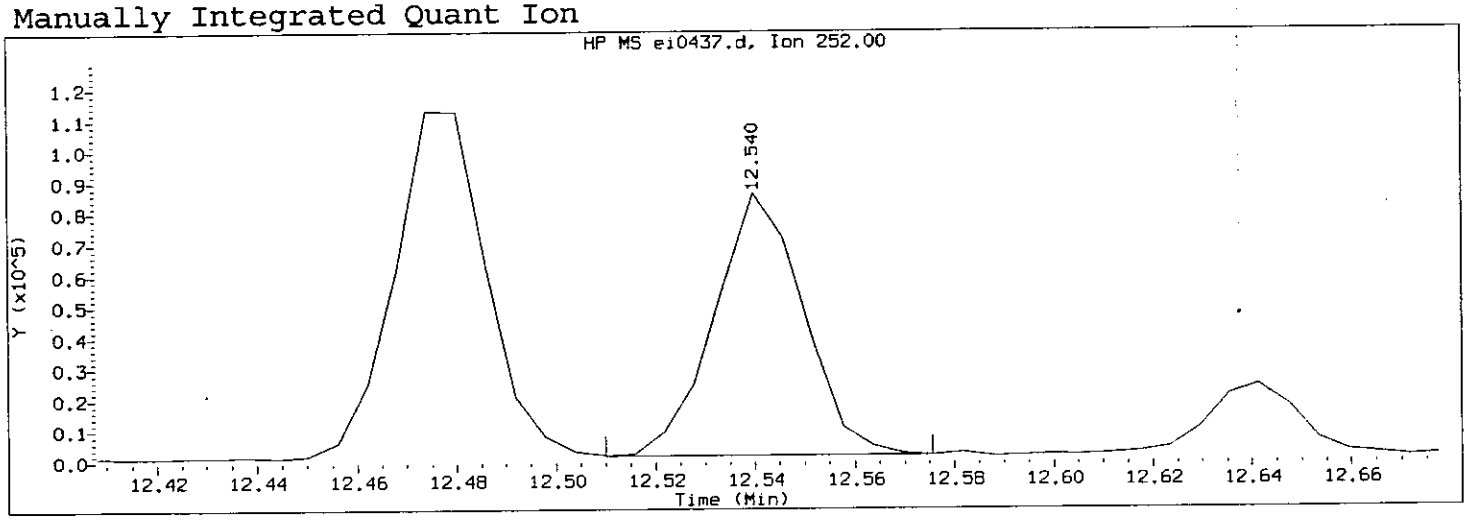
ASX84 0285

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

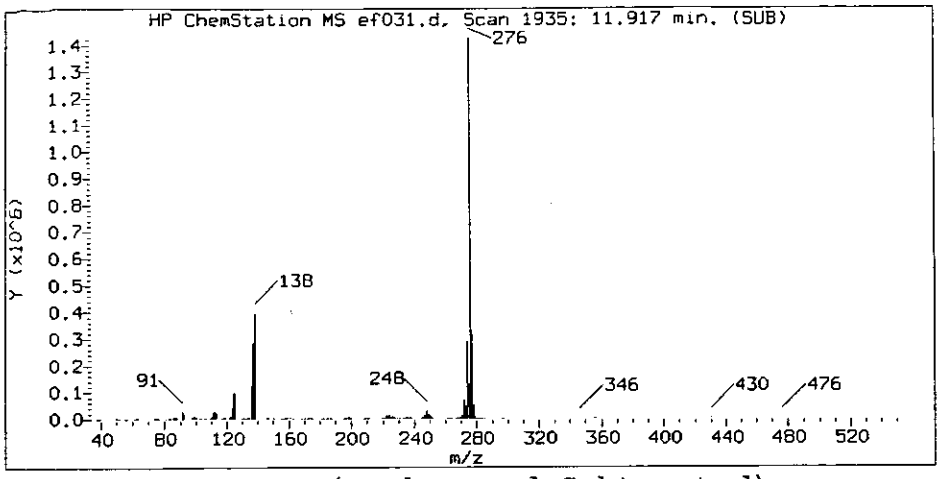
Compound Number	: 175	
Compound Name	: Benzo(a)pyrene	
Scan Number	: 1757	
Retention Time (minutes)	: 12.540	
Quant Ion	: 252	
Area (flag)	: 104869	M
Concentration (ng/ul)	: 11.1577	
Integration start scan	: 1751	Integration stop scan: 1762
Y at integration start	: 1619	Y at integration end: 1619

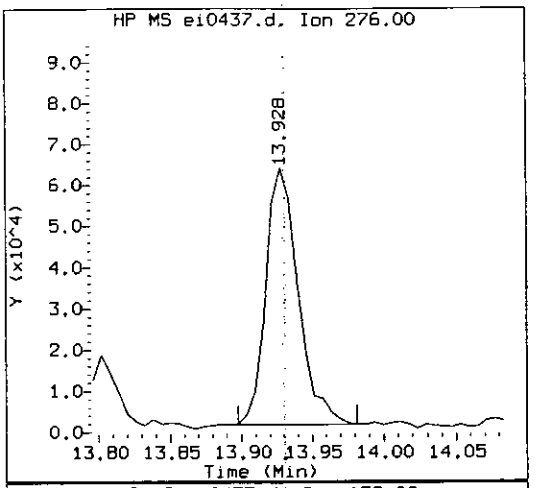
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/09/08

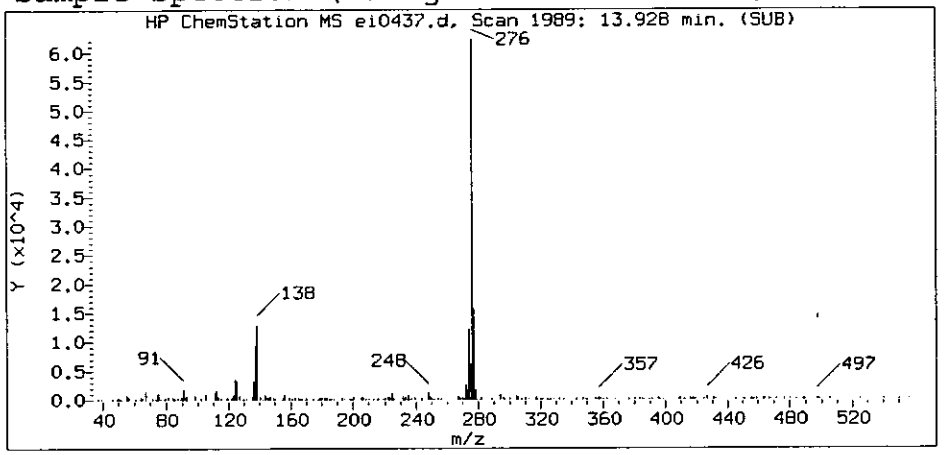
GC/MS audit/management approval: 9/10/08

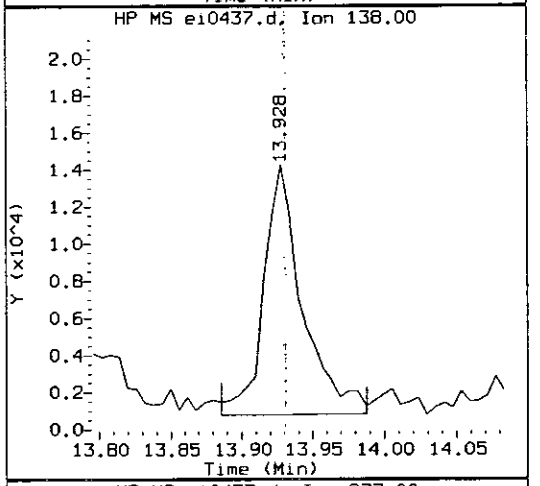
Reference Standard Spectrum for Indeno(1,2,3-cd)pyrene



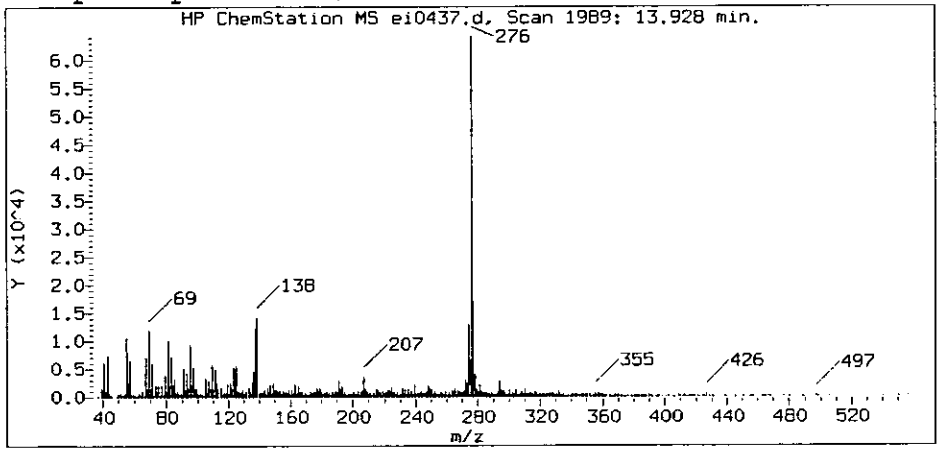


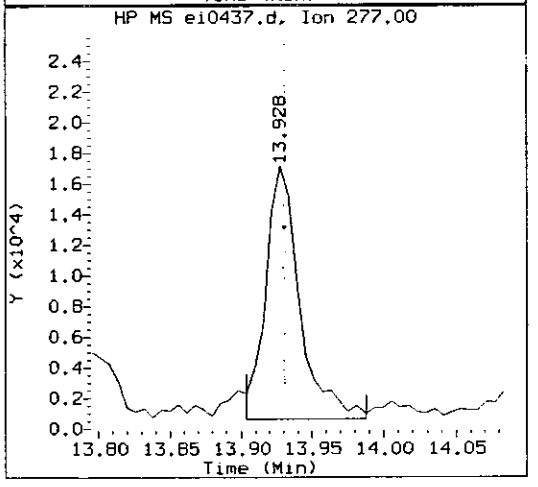
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

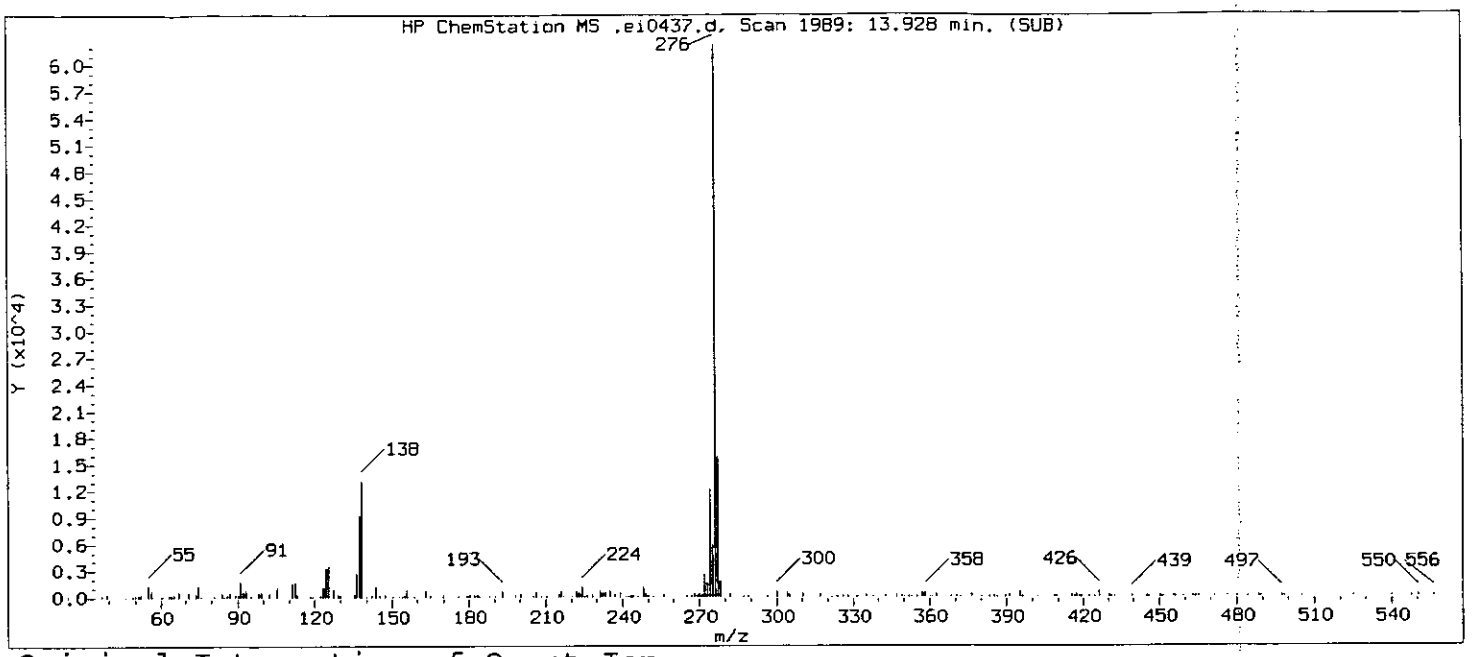
Lab Sample ID: 5454425

Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276.0
Area (flag) : 99634 M
Concentration (ng/ul) : 8.8559

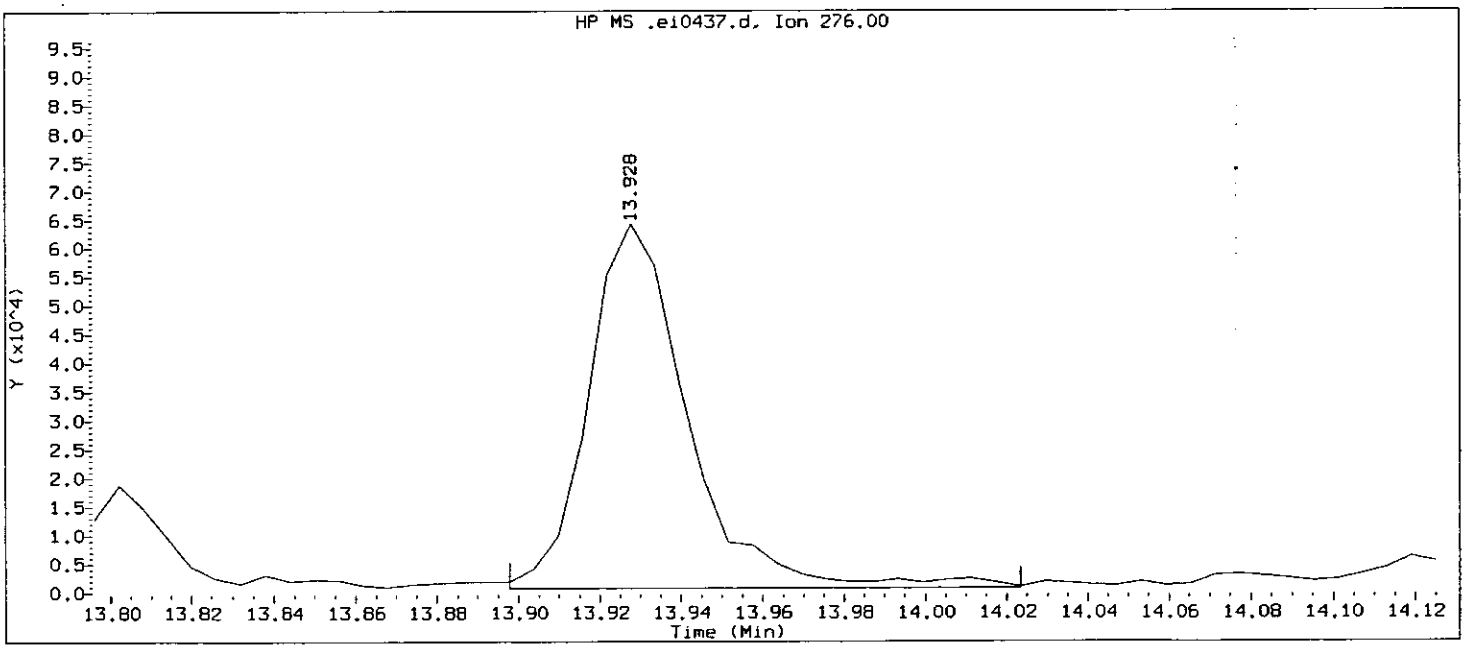
aSX04 0288

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sample Name: AMSSY Lab Sample ID: 5454425

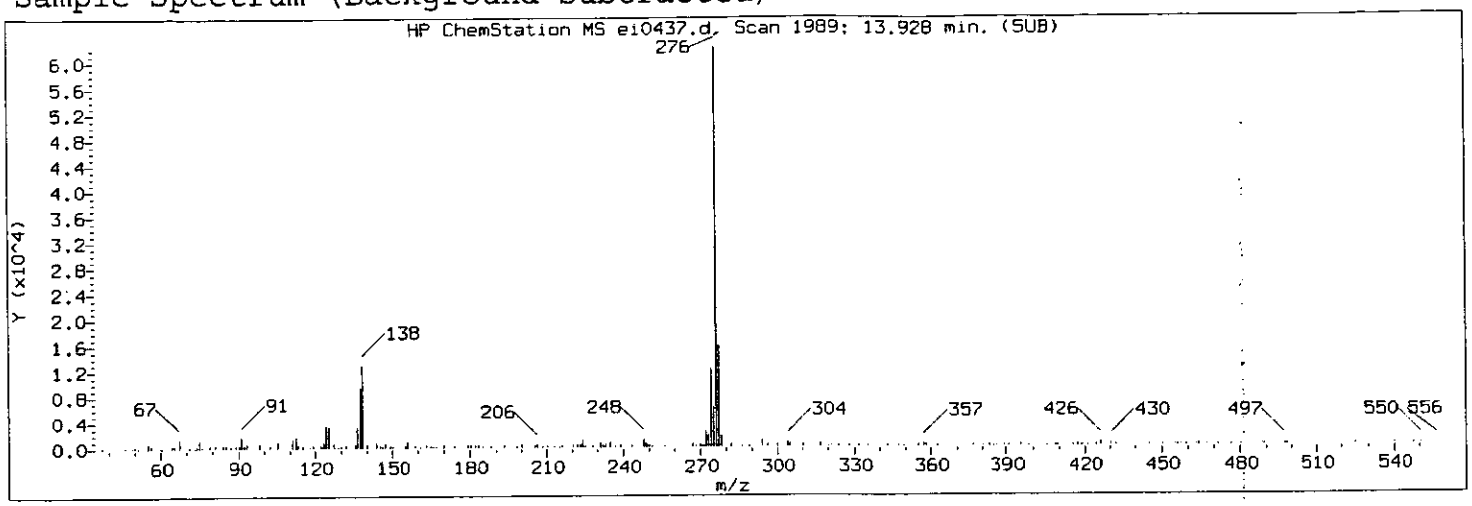
Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276
Area : 107767
Concentration (ng/ul) : 9.5788
Integration start scan : 1983 Integration stop scan: 2004
Y at integration start : 789 Y at integration end: 804

MM198 09/09/08

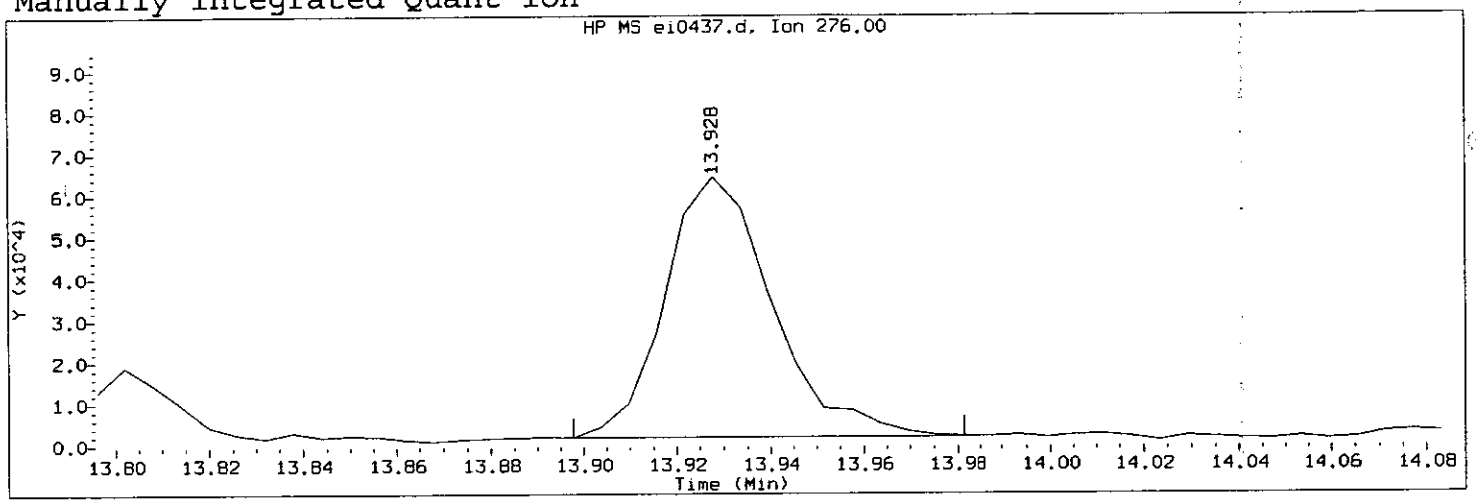
ASX84-0289

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number	:	180
Compound Name	:	Indeno(1,2,3-cd)pyrene
Scan Number	:	1989
Retention Time (minutes)	:	13.928
Quant Ion	:	276
Area (flag)	:	99634 M
Concentration (ng/ul)	:	8.8559
Integration start scan	:	1983 Integration stop scan: 1997
Y at integration start	:	1821 Y at integration end: 1821

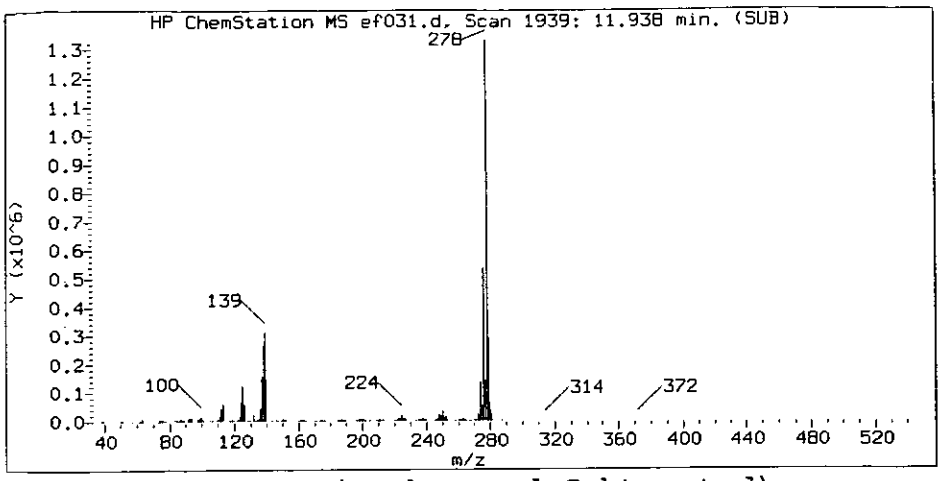
Reason for manual integration (circle one): missed peak improper integration

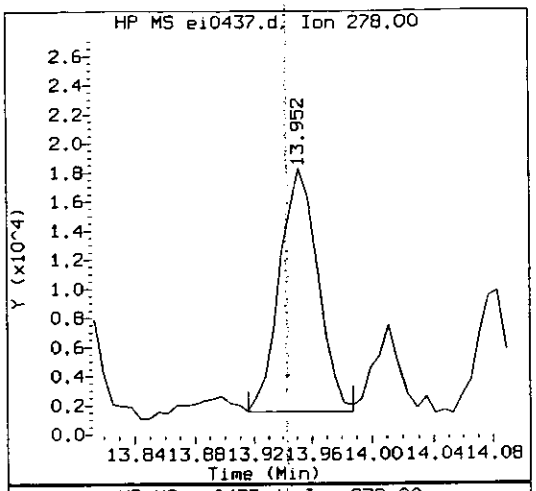
Analyst responsible for change: lmh1986 09/09/08

GC/MS audit/management approval: 9/10/08

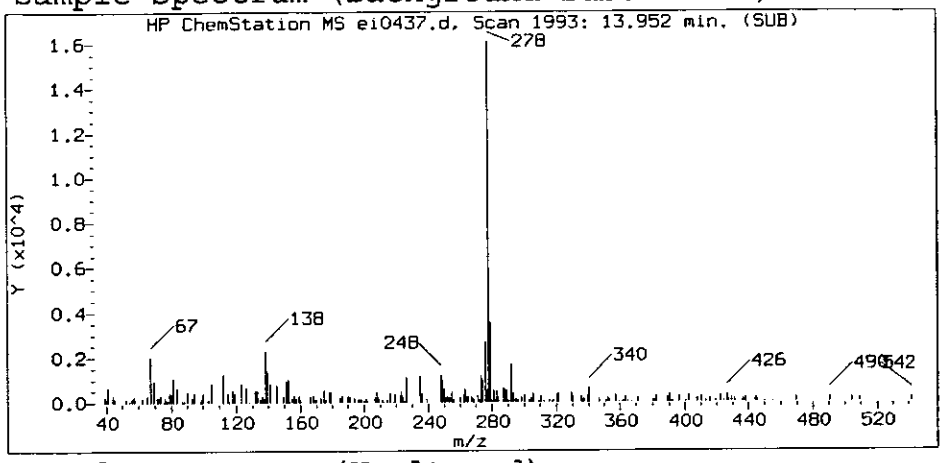
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

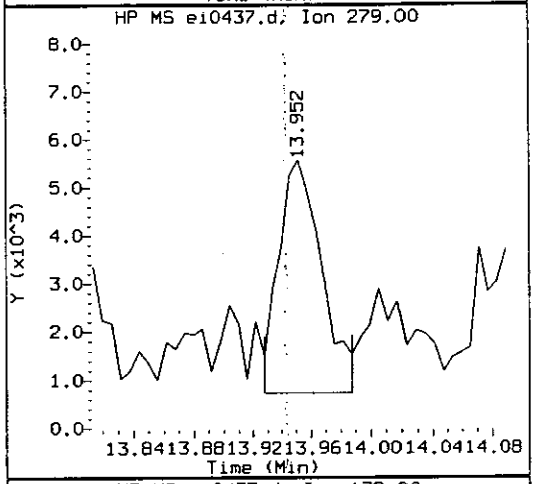
Reference Standard Spectrum for Dibenz(a,h)anthracene



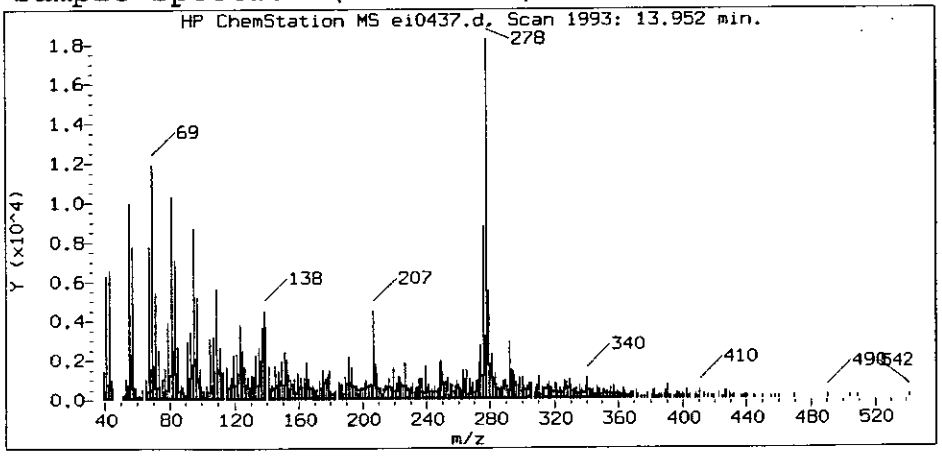


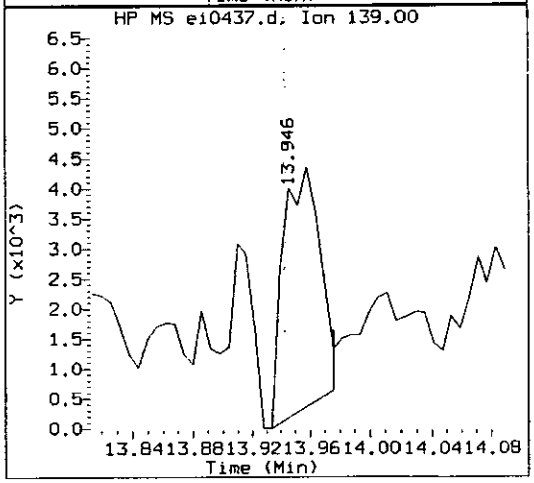
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

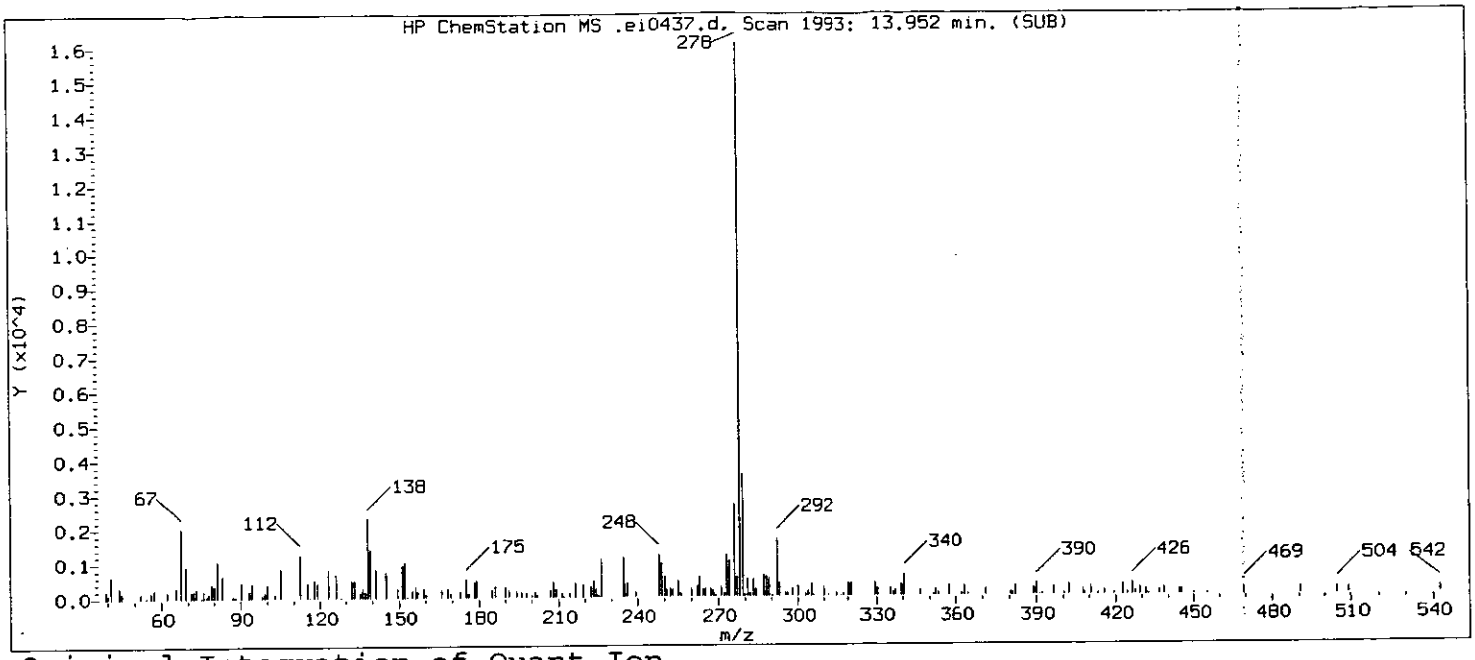
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY

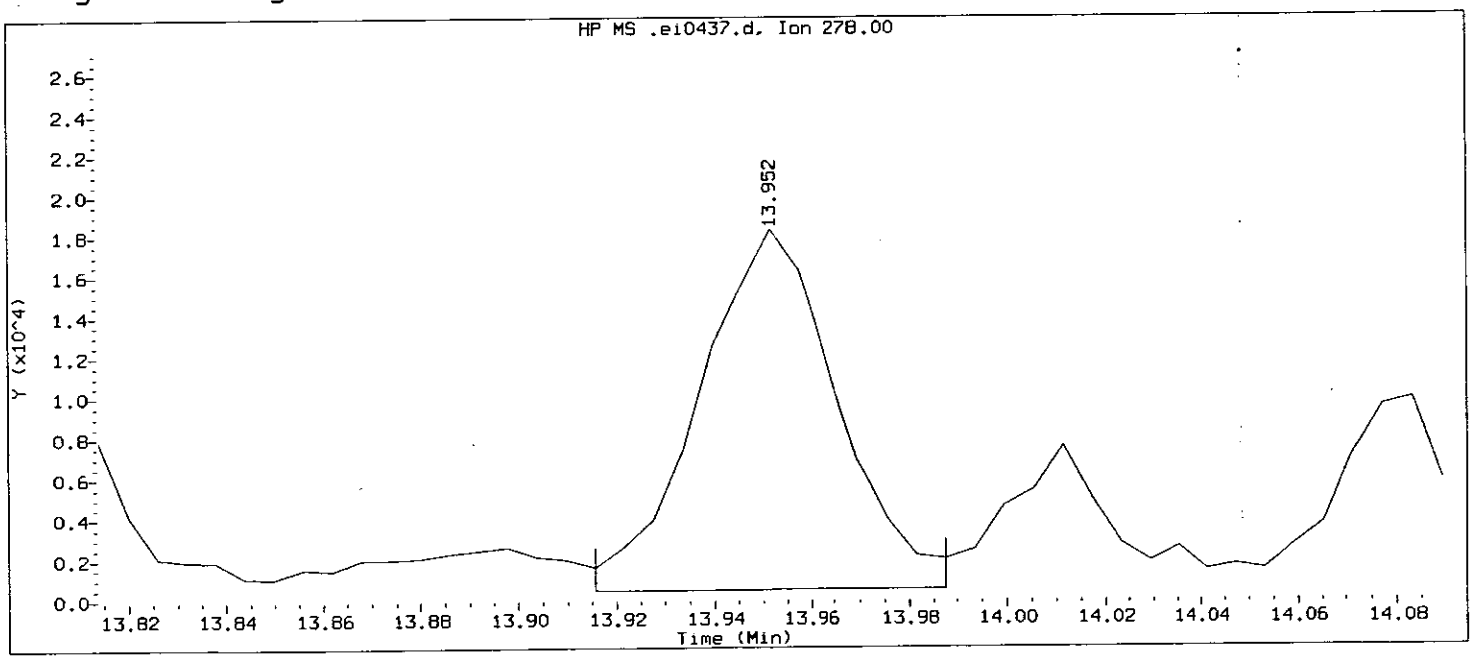
Lab Sample ID: 5454425

Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1993
Retention Time (minutes)	: 13.952
Quant Ion	: 278.0
Area (flag)	: 30356 M
Concentration (ng/ul)	: 3.4695

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sublist used: all1

Sample Name: AMSSY

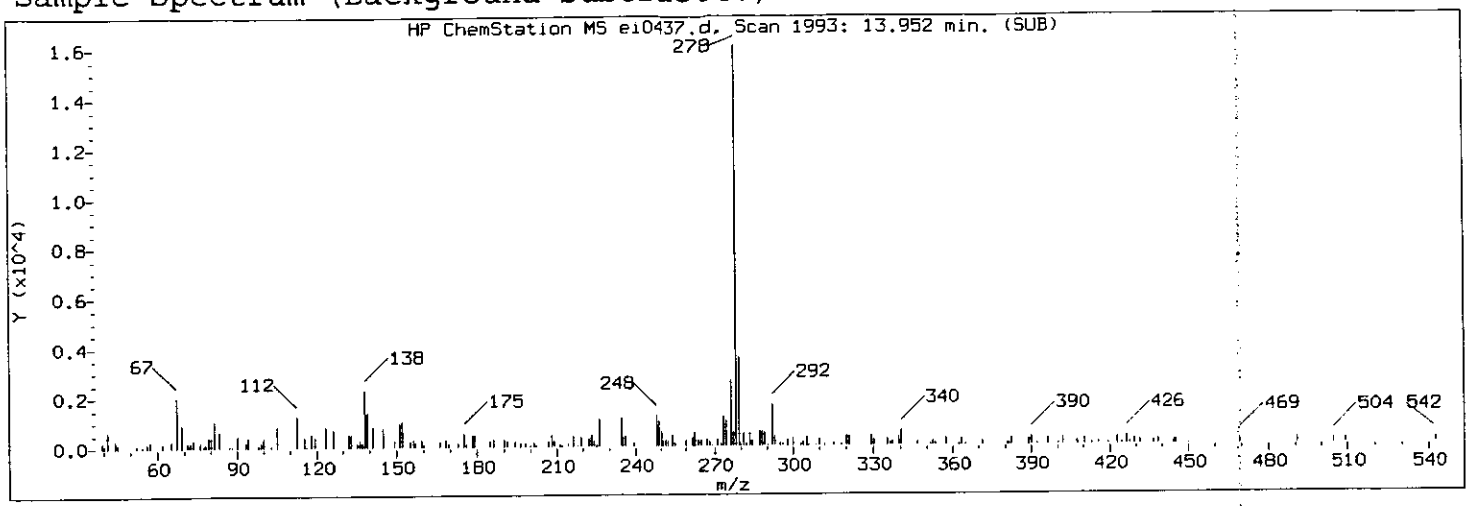
Lab Sample ID: 5454425

Compound Number	:	181
Compound Name	:	Dibenz(a,h)anthracene
Scan Number	:	1993
Retention Time (minutes)	:	13.952
Quant Ion	:	278
Area	:	34936
Concentration (ng/ul)	:	3.9930
Integration start scan	:	1986
Y at integration start	:	441

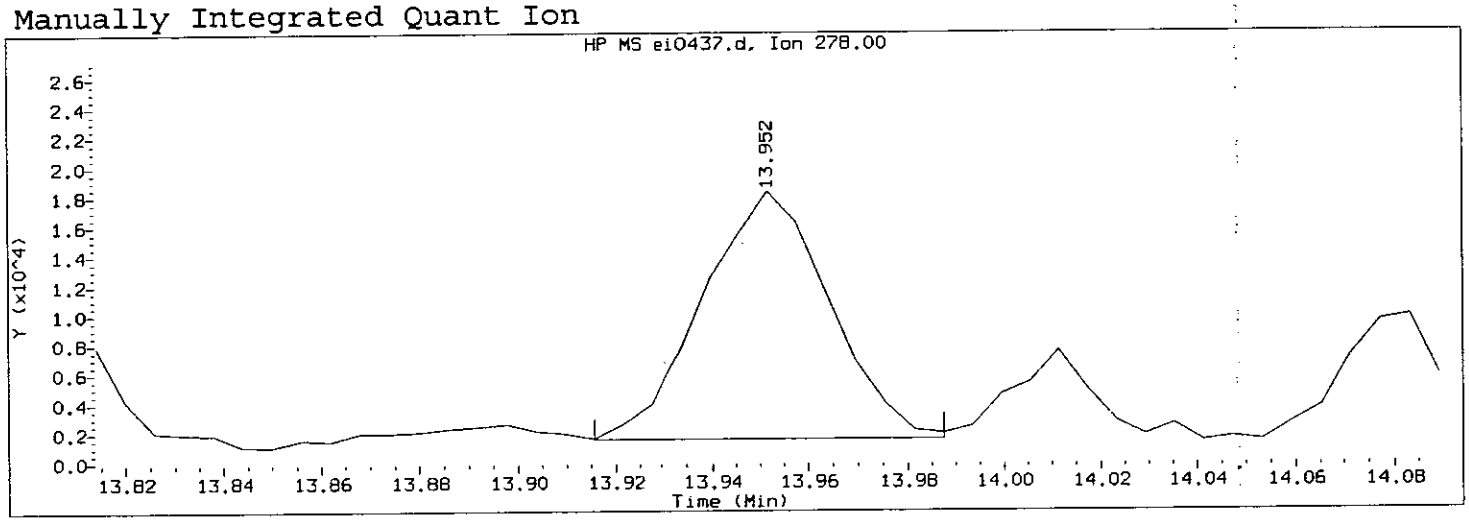
Integration stop scan: 1998
Y at integration end: 471

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number	:	181
Compound Name	:	Dibenz(a,h)anthracene
Scan Number	:	1993
Retention Time (minutes)	:	13.952
Quant Ion	:	278
Area (flag)	:	30356 M
Concentration (ng/ul)	:	3.4695
Integration start scan	:	1986 Integration stop scan: 1998
Y at integration start	:	1539 Y at integration end: 1539

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn1980 09/09/08

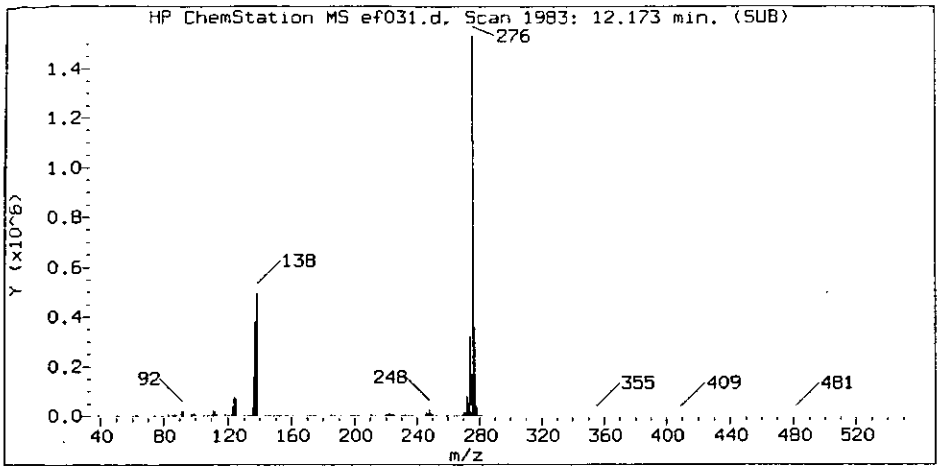
9/10/08

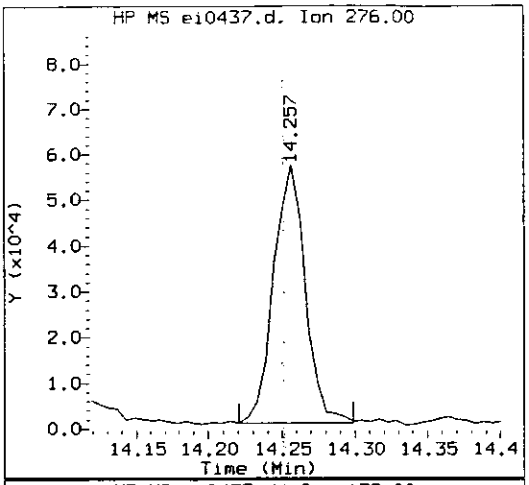
ASX04 8213

GC/MS audit/management approval: _____

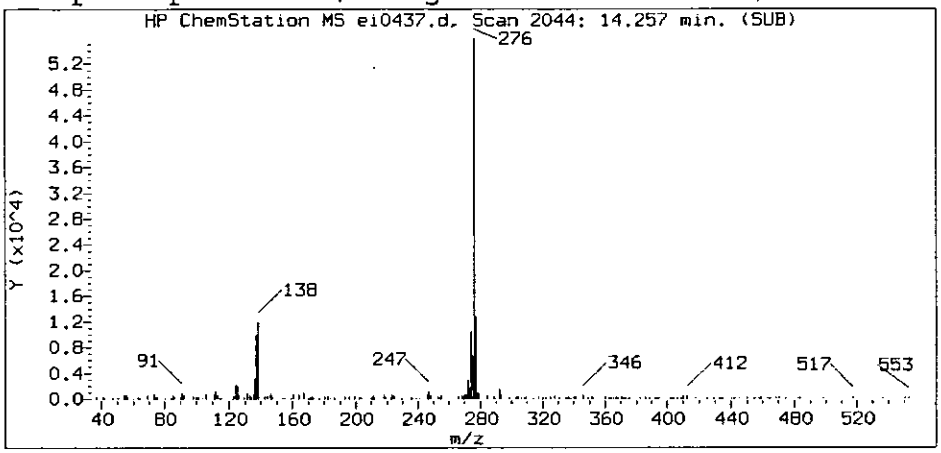
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

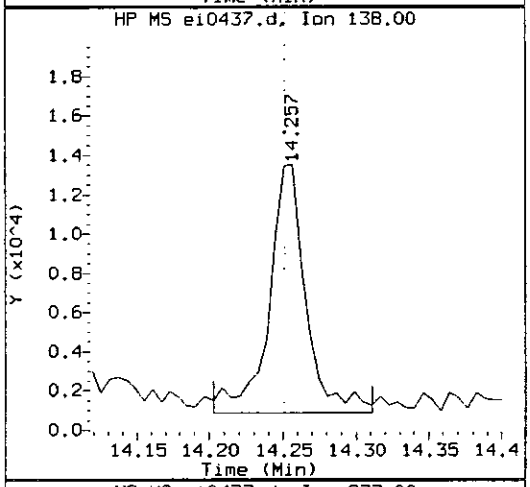
Reference Standard Spectrum for Benzo(g,h,i)perylene



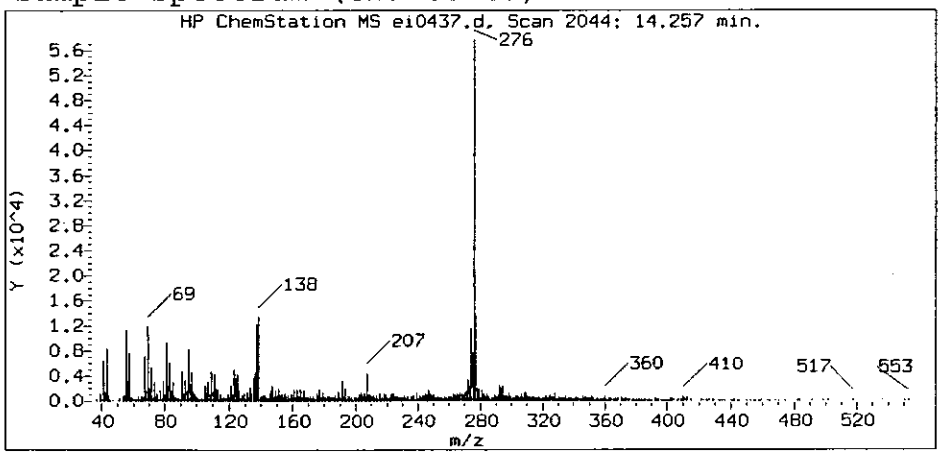


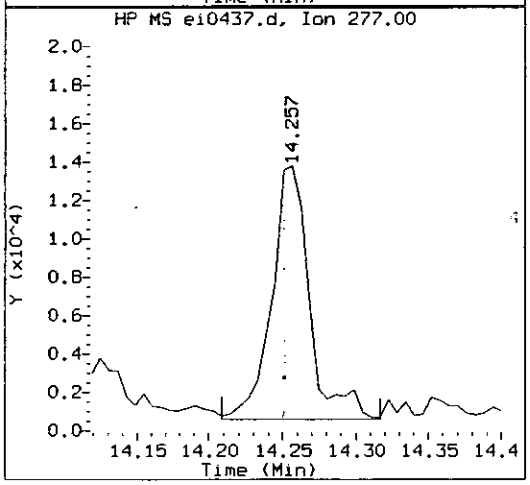
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0437.d
Injection date and time: 09-SEP-2008 19:55

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

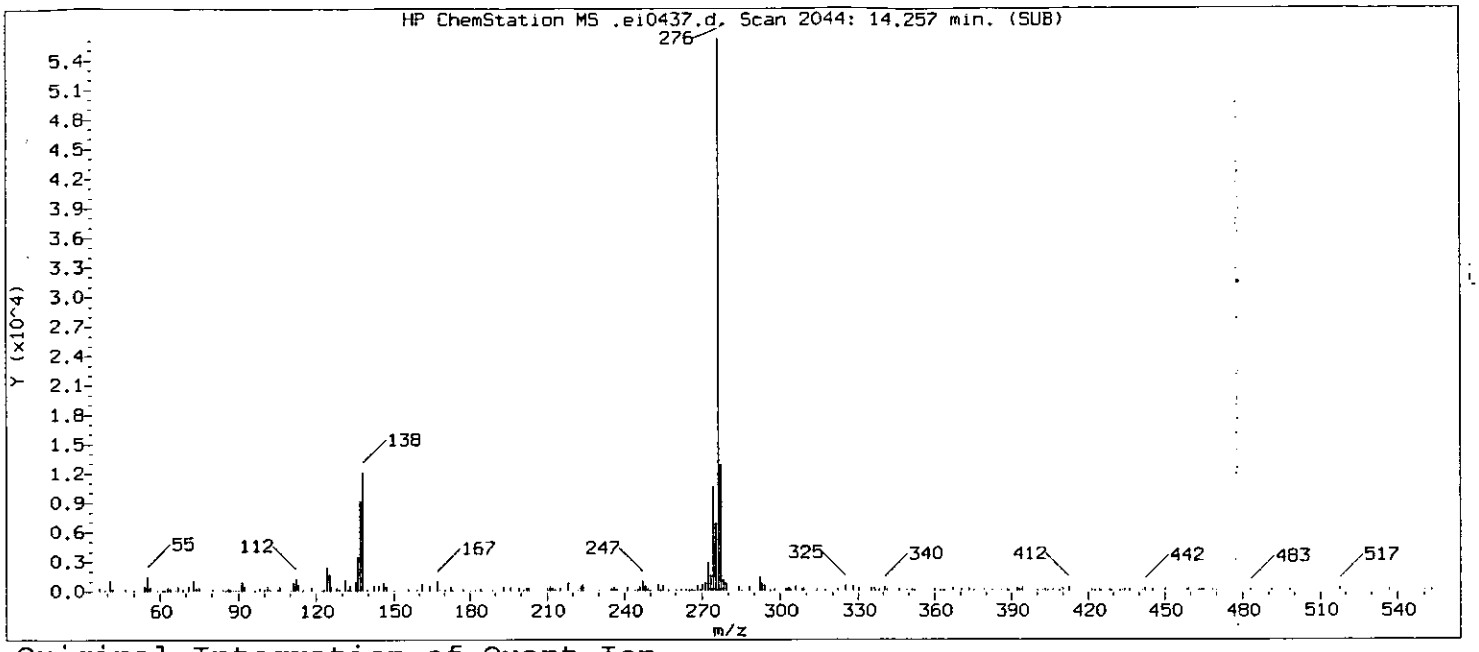
Sample Name: AMSSY

Lab Sample ID: 5454425

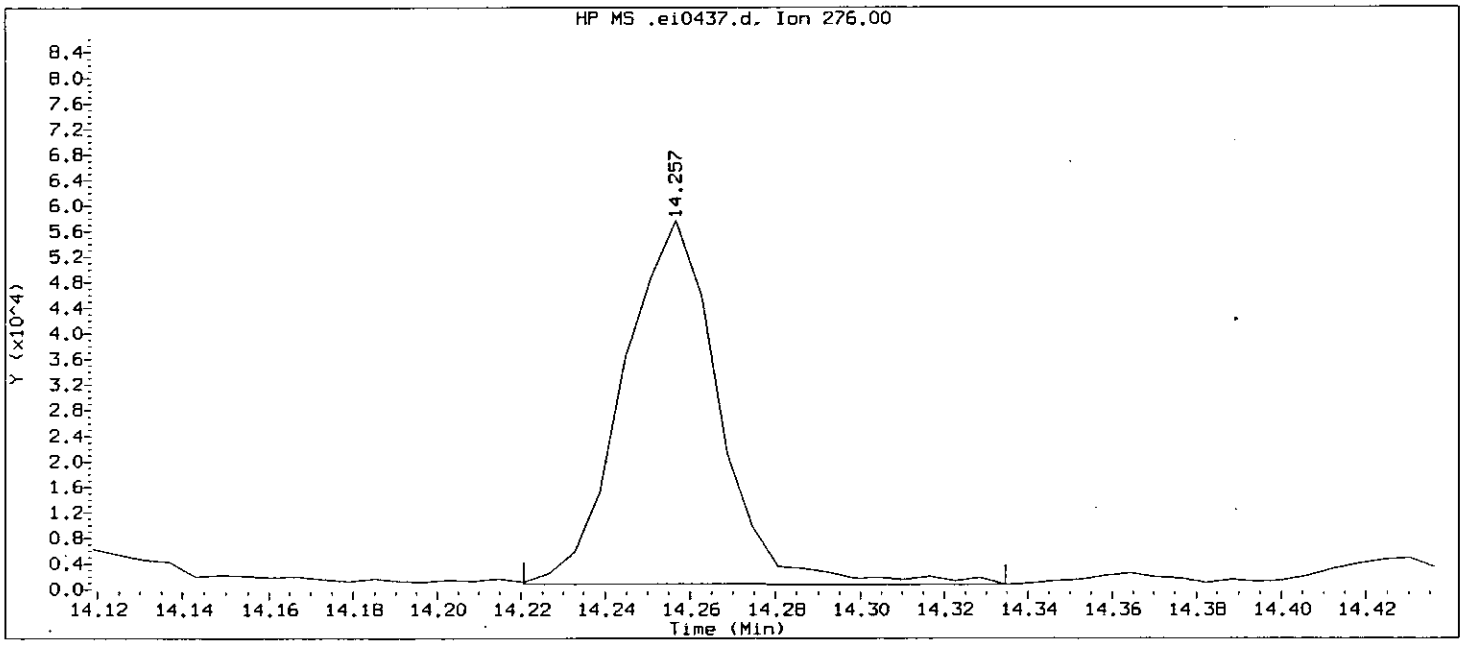
Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2044
Retention Time (minutes): 14.257
Quant Ion : 276.0
Area (flag) : 85883 M
Concentration (ng/ul) : 9.0607

ASX84 0214

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:13 Automation

Sample Name: AMSSY Lab Sample ID: 5454425

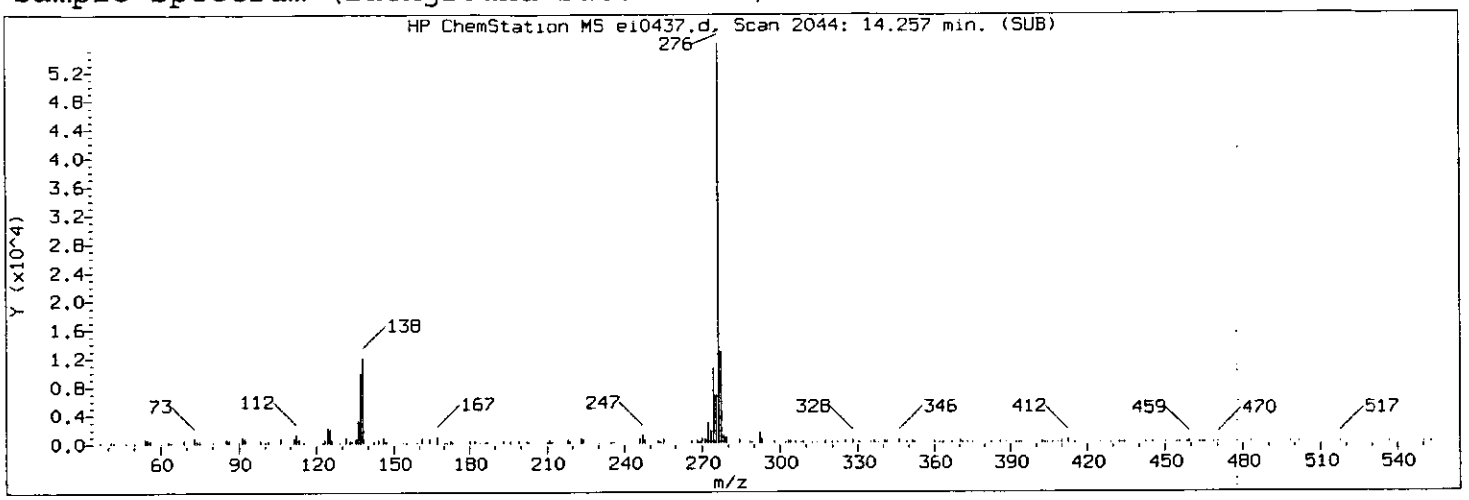
Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2044
Retention Time (minutes): 14.257
Quant Ion : 276
Area : 89190
Concentration (ng/ul) : 9.4096
Integration start scan : 2037 Integration stop scan: 2056
Y at integration start : 889 Y at integration end: 847

LMN186 09/09/08

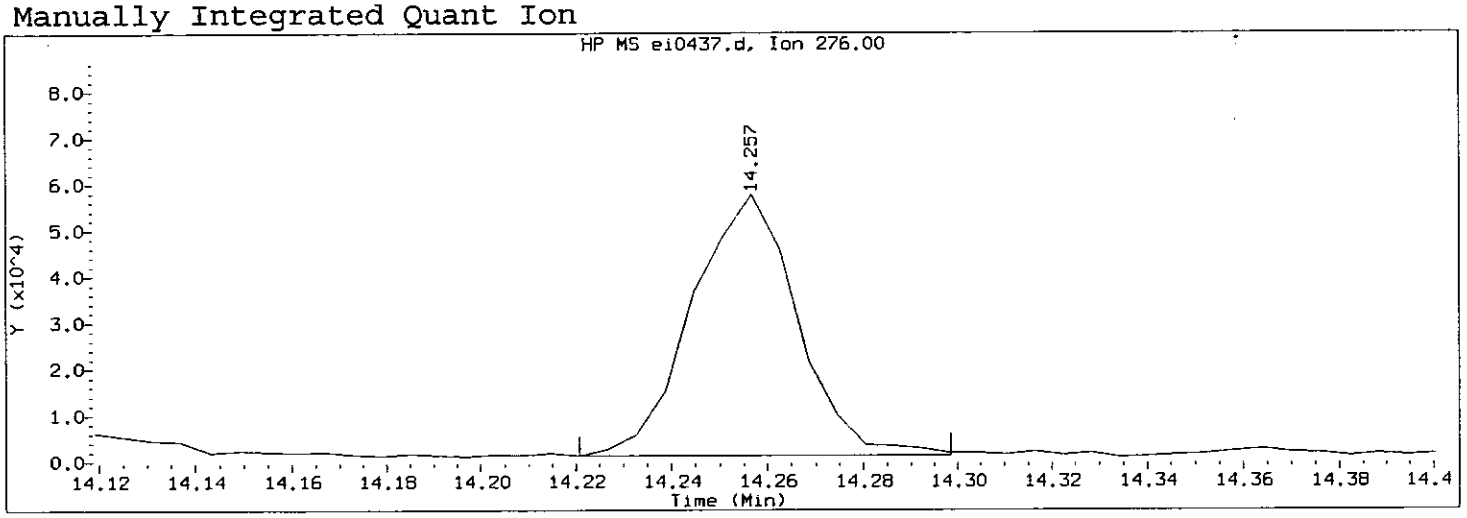
ASXB4 6215

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 19:55 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:54 lmh00956

Sample Name: AMSSY Lab Sample ID: 5454425

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2044
Retention Time (minutes): 14.257
Quant Ion : 276
Area (flag) : 85883 M
Concentration (ng/ul) : 9.0607
Integration start scan : 2037 Integration stop scan: 2050
Y at integration start : 1225 Y at integration end: 1225

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh00956 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437.d, generated on 09/09/2008 at 20:55

Standards Data

ASX84 0217

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09572 Calibration Date(s): 09/03/08 09/03/08

Calibration Times: 20:20 22:40

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF2.5 = ei0102.d RRF5 = ei0103.d RRF15 = ei0104.d
RRF30 = ei0105.d RRF50 = ei0106.d RRF80 = ei0107.d RRF120 = ei0108.d

COMPOUND	RRF2.5	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	$\overline{RRF}$	% RSD	CAL. METHOD
1,4-Dioxane		1.153	1.217	1.217	1.281	1.347	1.351	1.261	6	AVG
N-Nitrosodimethylamine		1.712	1.778	1.911	2.047	2.130	2.190	1.962	10	AVG
Pyridine		2.632	3.158	3.324	3.415	3.498	3.663	3.282	11	AVG
Aniline		3.542	3.889	4.011	4.157	4.140	4.185	3.987	6	AVG
Phenol	*	2.638	2.875	2.969	3.220	3.224	3.425	3.058	9	AVG *
bis(2-Chloroethyl)ether		2.096	2.350	2.385	2.401	2.399	2.461	2.349	5	AVG
2-Chlorophenol		1.548	1.628	1.665	1.743	1.712	1.703	1.666	4	AVG
1,3-Dichlorobenzene		1.558	1.661	1.692	1.737	1.708	1.743	1.683	4	AVG
1,4-Dichlorobenzene	*	1.640	1.681	1.702	1.776	1.735	1.753	1.714	3	AVG *
Benzyl alcohol		1.261	1.464	1.451	1.379	1.500	1.553	1.435	7	AVG
1,2-Dichlorobenzene		1.469	1.588	1.573	1.629	1.615	1.618	1.582	4	AVG
2-Methylphenol		1.517	1.759	1.794	1.849	1.818	1.869	1.768	7	AVG
2,2'-oxybis(1-Chloropropane)		2.127	2.158	2.188	2.233	2.184	2.205	2.183	2	AVG
bis(2-Chloroisopropyl)ether		2.127	2.158	2.188	2.233	2.184	2.205	2.183	2	AVG
Acetophenone		2.816	2.996	3.014	3.073	3.029	3.039	2.995	3	AVG
N-Nitroso-di-n-propylamine	#	2.038	2.129	2.229	2.223	2.189	2.150	2.160	3	AVG #
4-Methylphenol		1.790	2.054	2.005	2.090	2.084	2.075	2.016	6	AVG
o-Toluidine		3.207	3.423	3.382	3.526	3.353	3.266	3.359	3	AVG
Hexachloroethane		0.650	0.717	0.717	0.731	0.714	0.715	0.707	4	AVG
Nitrobenzene		0.608	0.628	0.646	0.657	0.670	0.662	0.645	4	AVG
Isophorone		1.089	1.133	1.187	1.236	1.251	1.223	1.186	5	AVG
2-Nitrophenol	*	0.161	0.180	0.185	0.197	0.203	0.199	0.188	8	AVG *
2,4-Dimethylphenol		0.419	0.444	0.472	0.496	0.493	0.483	0.468	7	AVG
bis(2-Chloroethoxy)methane		0.613	0.582	0.623	0.637	0.631	0.633	0.620	3	AVG
Benzoic acid		0.318	0.368	0.388	0.387	0.437	0.440	0.390	12	AVG
2,4-Dichlorophenol	*	0.277	0.283	0.298	0.320	0.317	0.315	0.302	6	AVG *
1,2,4-Trichlorobenzene		0.254	0.296	0.296	0.307	0.308	0.303	0.294	7	AVG
Naphthalene		1.001	1.040	1.080	1.120	1.137	1.140	1.086	5	AVG
4-Chloroaniline		0.416	0.450	0.465	0.476	0.477	0.459	0.457	5	AVG
2,6-Dichlorophenol		0.267	0.292	0.295	0.307	0.306	0.299	0.294	5	AVG
Hexachlorobutadiene	*	0.152	0.159	0.168	0.169	0.170	0.167	0.164	4	AVG *
Caprolactam		0.147	0.159	0.167	0.167	0.173	0.164	0.163	5	AVG
4-Chloro-3-methylphenol	*	0.357	0.403	0.412	0.425	0.434	0.429	0.410	7	AVG *
2-Methylnaphthalene		0.670	0.697	0.722	0.744	0.762	0.741	0.723	5	AVG
1-Methylnaphthalene		0.661	0.697	0.728	0.737	0.757	0.746	0.721	5	AVG
Hexachlorocyclopentadiene	#	0.236	0.272	0.304	0.336	0.346	0.342	0.306	15	AVG #+
1,2,4,5-Tetrachlorobenzene		0.523	0.520	0.533	0.538	0.550	0.533	0.533	2	AVG
2,4,6-Trichlorophenol	*	0.341	0.362	0.376	0.380	0.376	0.366	0.367	4	AVG *
2,4,5-Trichlorophenol		0.386	0.406	0.434	0.430	0.437	0.431	0.421	5	AVG
Biphenyl		1.474	1.509	1.560	1.557	1.574	1.529	1.534	2	AVG
Diphenyl		1.474	1.509	1.560	1.557	1.574	1.529	1.534	2	AVG
1,1'-Biphenyl		1.474	1.509	1.560	1.557	1.574	1.529	1.534	2	AVG
2-Chloronaphthalene		1.410	1.305	1.247	1.676	1.351	1.204	1.365	12	AVG
1-Chloronaphthalene		1.113	1.093	1.249	1.133	1.165	1.212	1.161	5	AVG
Diphenyl ether		0.778	0.840	0.848	0.873	0.868	0.833	0.840	4	AVG
2-Nitroaniline		0.376	0.389	0.417	0.439	0.441	0.427	0.415	6	AVG
Dimethylphthalate		1.310	1.415	1.431	1.439	1.458	1.418	1.412	4	AVG
2,6-Dinitrotoluene		0.277	0.302	0.333	0.338	0.330	0.321	0.317	7	AVG
Acenaphthylene		1.667	1.805	1.863	1.891	1.939	1.906	1.845	5	AVG
3-Nitroaniline		0.310	0.386	0.385	0.378	0.400	0.384	0.374	9	AVG
Acenaphthene	*	1.042	1.113	1.130	1.138	1.168	1.129	1.120	4	AVG *
2,4-Dinitrophenol	#	0.120	0.143	0.150	0.171	0.189	0.192	0.138	27	1STDEG #

+ %RSD is less than or equal to 15%; however, value rounds to 15.

ASX84 8218

FORM VI SV-1

09/10/08

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09572 Calibration Date(s): 09/03/08 09/03/08

Calibration Times: 20:20 22:40

Min $\overline{RRF}$ for SPCC(#) = 0.050 Max %RSD for CCC(*) = 30%

LAB FILE ID: RRF2.5 = ei0102.d RRF5 = ei0103.d RRF15 = ei0104.d
RRF30 = ei0105.d RRF50 = ei0106.d RRF80 = ei0107.d RRF120 = ei0108.d

COMPOUND		RRF2.5	RRF5	RRF15	RRF30	RRF50	RRF80	RRF120	$\overline{RRF}$	% RSD		CAL. METHOD
Pentachlorobenzene			0.481	0.514	0.534	0.527	0.534	0.514	0.517	4		AVG
4-Nitrophenol	#		0.208	0.252	0.263	0.268	0.271	0.283	0.257	10	#	AVG
Dibenzofuran			1.645	1.703	1.765	1.786	1.812	1.741	1.742	3		AVG
2,4-Dinitrotoluene			0.374	0.413	0.429	0.436	0.443	0.433	0.421	6		AVG
1-Naphthylamine			1.162	1.225	1.292	1.279	1.275	1.224	1.243	4		AVG
2,3,4,6-Tetrachlorophenol			0.312	0.315	0.341	0.346	0.353	0.343	0.335	5		AVG
2-Naphthylamine			1.094	1.239	1.313	1.314	1.299	1.234	1.249	7		AVG
Diethylphthalate			1.267	1.341	1.353	1.370	1.426	1.351	1.351	4		AVG
Fluorene			1.365	1.347	1.427	1.447	1.448	1.391	1.404	3		AVG
4-Chlorophenyl-phenylether			0.612	0.660	0.676	0.675	0.679	0.651	0.659	4		AVG
4-Nitroaniline			0.376	0.418	0.422	0.416	0.399	0.385	0.403	5		AVG
4,6-Dinitro-2-methylphenol			0.093	0.100	0.109	0.120	0.130	0.136	0.115	15	+	AVG
N-Nitrosodiphenylamine (1)	*		0.526	0.557	0.580	0.588	0.572	0.579	0.567	4	*	AVG
1,2-Diphenylhydrazine			1.205	1.286	1.345	1.381	1.410	1.403	1.338	6		AVG
4-Bromophenyl-phenylether			0.205	0.214	0.228	0.232	0.225	0.224	0.221	5		AVG
Hexachlorobenzene			0.218	0.242	0.248	0.250	0.238	0.237	0.239	5		AVG
Pentachlorophenol	*		0.129	0.140	0.148	0.158	0.164	0.165	0.151	10	*	AVG
Pentachloronitrobenzene			0.106	0.094	0.100	0.102	0.099	0.099	0.100	4		AVG
Phenanthrene			0.988	0.997	1.071	1.077	1.085	1.091	1.052	4		AVG
Anthracene			1.014	1.096	1.129	1.164	1.158	1.173	1.122	5		AVG
Carbazole			1.021	1.073	1.104	1.144	1.164	1.169	1.112	5		AVG
Di-n-butylphthalate			1.144	1.230	1.323	1.373	1.408	1.409	1.314	8		AVG
Fluoranthene	*		1.070	1.194	1.256	1.293	1.298	1.317	1.238	8	*	AVG
Benzidine			0.468	0.614	0.663	0.701	0.684	0.665	0.633	14		AVG
Pyrene			1.044	1.126	1.192	1.236	1.235	1.291	1.187	8		AVG
Butylbenzylphthalate			0.447	0.526	0.549	0.572	0.587	0.609	0.549	11		AVG
3,3'-Dichlorobenzidine			0.344	0.399	0.418	0.449	0.460	0.476	0.424	11		AVG
4,4'-Methylenebis(2-Chloroanil			0.160	0.188	0.225	0.238	0.241	0.249	0.186	26		1STDEG
Benzo(a)anthracene		1.064	1.023	1.130	1.174	1.207	1.231	1.254	1.155	8		AVG
Chrysene			1.090	1.073	1.099	1.113	1.106	1.129	1.102	2		AVG
bis(2-Ethylhexyl)phthalate			0.618	0.642	0.687	0.718	0.730	0.753	0.691	8		AVG
Di-n-octylphthalate	*		1.239	1.354	1.509	1.620	1.724	1.800	1.541	14	*	AVG
7,12-Dimethylbenz[a]anthracene			0.616	0.692	0.782	0.813	0.826	0.834	0.761	12		AVG
Benzo(b)fluoranthene		1.264	1.305	1.458	1.503	1.553	1.573	1.585	1.463	9		AVG
Benzo(k)fluoranthene		1.290	1.389	1.494	1.575	1.655	1.648	1.617	1.524	9		AVG
Benzo(a)pyrene	*	1.041	1.153	1.239	1.375	1.460	1.508	1.500	1.325	14	*	AVG
3-Methylcholanthrene			0.629	0.713	0.776	0.819	0.844	0.848	0.771	11		AVG
Dibenz(a,h)acridine			0.837	0.955	1.052	1.163	1.230	1.245	0.926	25		1STDEG
Dibenz(a,j)acridine			1.023	1.070	1.320	1.334	1.320	1.368	1.239	12		AVG
Indeno(1,2,3-cd)pyrene			1.300	1.480	1.612	1.710	1.723	1.692	1.586	11		AVG
Dibenz(a,h)anthracene		0.933	1.045	1.221	1.277	1.377	1.389	1.394	1.234	15	+	AVG
Benzo(g,h,i)perylene			1.176	1.242	1.367	1.423	1.424	1.386	1.336	8		AVG
2-Fluorophenol			1.640	1.830	1.911	2.005	2.016	2.110	1.919	9		AVG
Phenol-d5			2.535	2.859	2.950	3.063	3.138	3.208	2.959	8		AVG
Phenol-d6			2.535	2.859	2.950	3.063	3.138	3.208	2.959	8		AVG
Nitrobenzene-d5			0.537	0.582	0.599	0.617	0.634	0.621	0.598	6		AVG
2-Fluorobiphenyl			1.286	1.365	1.409	1.407	1.438	1.387	1.382	4		AVG
2,4,6-Tribromophenol			0.184	0.220	0.224	0.233	0.228	0.230	0.220	8		AVG
Terphenyl-d14			0.809	0.882	0.914	0.973	0.981	1.032	0.932	9		AVG
									Average %RSD	7		

+ %RSD is less than or equal to 15%; however, value rounds to 15.
(1) Cannot be separated from Diphenylamine
4,6-Dinitro-2-methylphenol and 4-Nitrophenol are at 10 ng/ul in the 5 standard.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul in the 5 standard.
Benzidine Levels in the 5,15,30,50,80,120 standards are 15,45,90,150,240,360 ng/ul, respectively.
Benzoic acid, Pentachlorophenol and 2,4-Dinitrophenol are at 15 ng/ul, 30 ng/ul,40 ng/ul in the 5 ,15, 30 standards.

FORM VI SV-1

ASX84 8219

Internal Standard Area and Retention Time Summary

Initial Calibration Standards:

/chem/HP09572.i/08sep03.b/ei0102.d SSTD2.5
/chem/HP09572.i/08sep03.b/ei0103.d SSTD005
/chem/HP09572.i/08sep03.b/ei0104.d SSTD015
/chem/HP09572.i/08sep03.b/ei0105.d SSTD030
/chem/HP09572.i/08sep03.b/ei0106.d SSTD050
/chem/HP09572.i/08sep03.b/ei0107.d SSTD080
/chem/HP09572.i/08sep03.b/ei0108.d SSTD120

Area Summary

Internal Standard Name	File ID: ei0102.d	ei0103.d	ei0104.d	ei0105.d	ei0106.d	ei0107.d	ei0108.d	Avg. Area	%RSD	In Spec
1,4-Dichlorobenzene-d4	121615	131729	120857	111109	113491	114089	110405	117614	6	Yes
Naphthalene-d8	555372	598537	556384	497791	509131	502955	506642	532402	7	Yes
Acenaphthene-d10	335735	350476	326151	289385	299242	294993	301854	313977	7	Yes
Phenanthrene-d10	650587	650071	599226	532122	541457	547430	539188	580012	9	Yes
Chrysene-d12	682979	718749	653453	592030	583601	580161	547015	622570	10	Yes
Perylene-d12	556215	544979	488168	441072	445748	446579	430952	479102	11	Yes

%RSD of internal standard area is flagged out of spec if greater than 30.

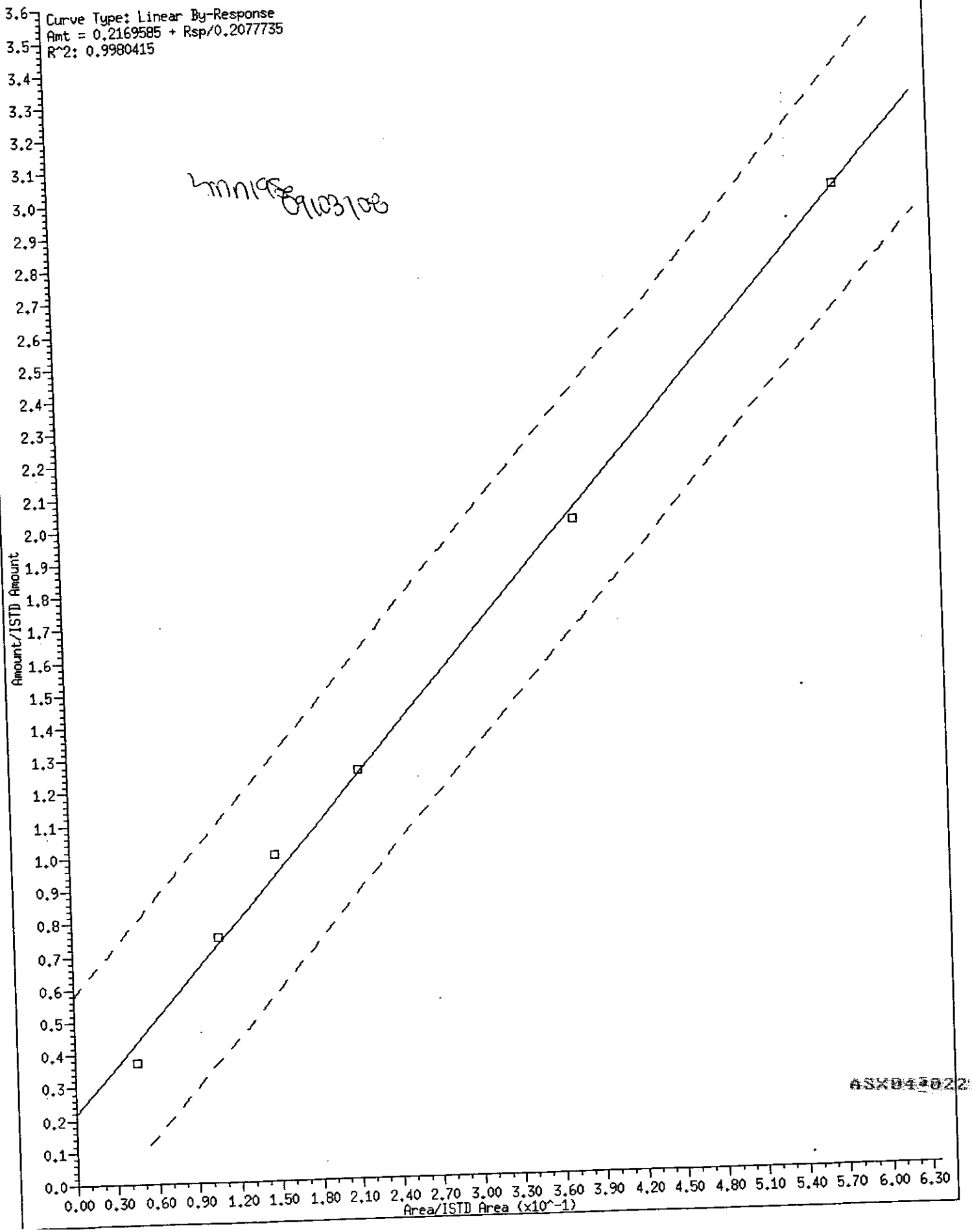
RT Summary

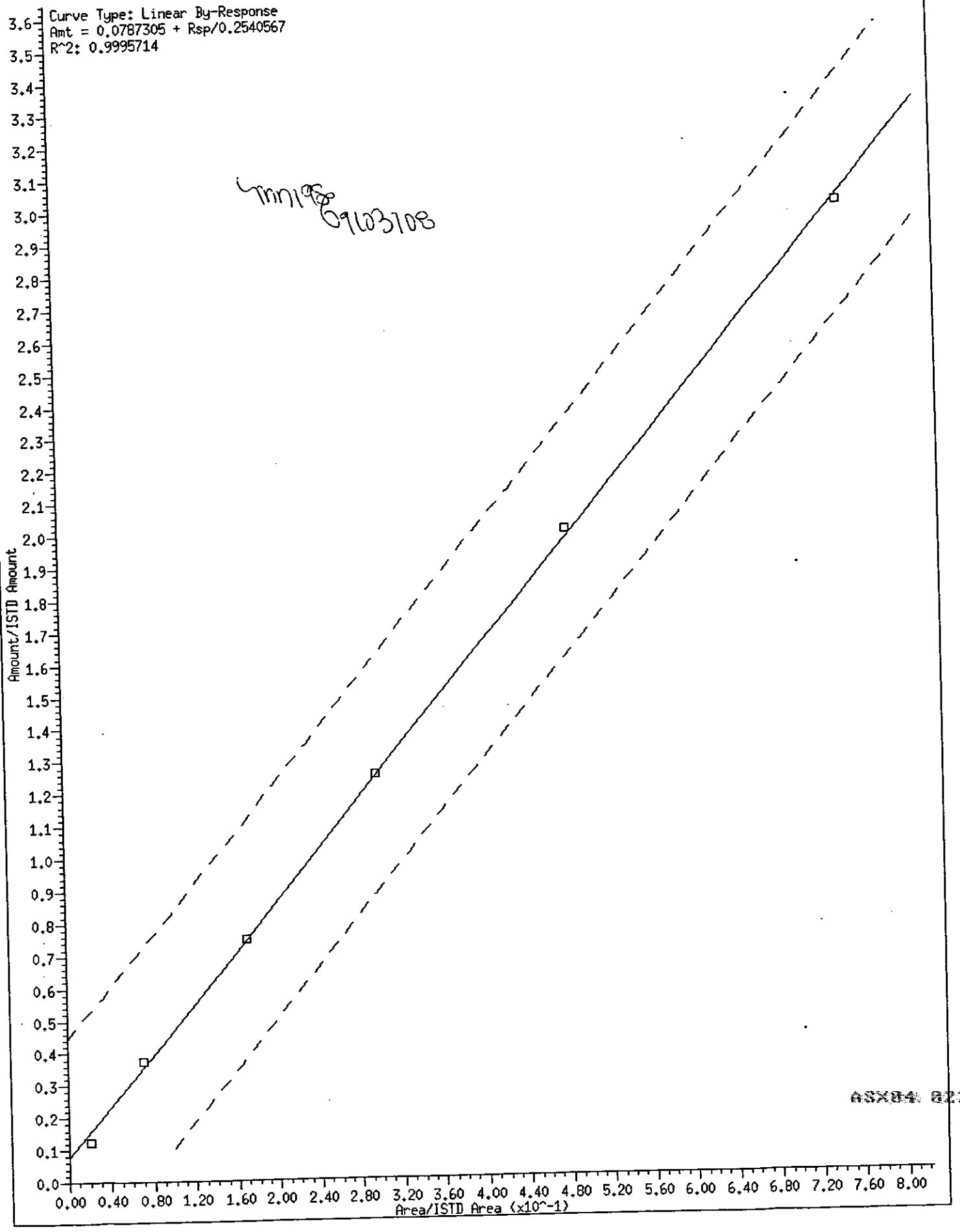
Internal Standard Name	File ID: ei0102.d	ei0103.d	ei0104.d	ei0105.d	ei0106.d	ei0107.d	ei0108.d	Avg. RT
1,4-Dichlorobenzene-d4	5.121	5.121	5.121	5.121	5.121	5.120	5.121	5.121
Naphthalene-d8	6.209	6.210	6.215	6.215	6.215	6.215	6.215	6.214
Acenaphthene-d10	7.675	7.675	7.675	7.681	7.681	7.681	7.681	7.678
Phenanthrene-d10	8.901	8.902	8.901	8.901	8.901	8.907	8.907	8.903
Chrysene-d12	11.181	11.181	11.181	11.181	11.187	11.186	11.193	11.184
Perylene-d12	12.844	12.844	12.844	12.844	12.850	12.850	12.850	12.846

Comments: mm198 09/03/08

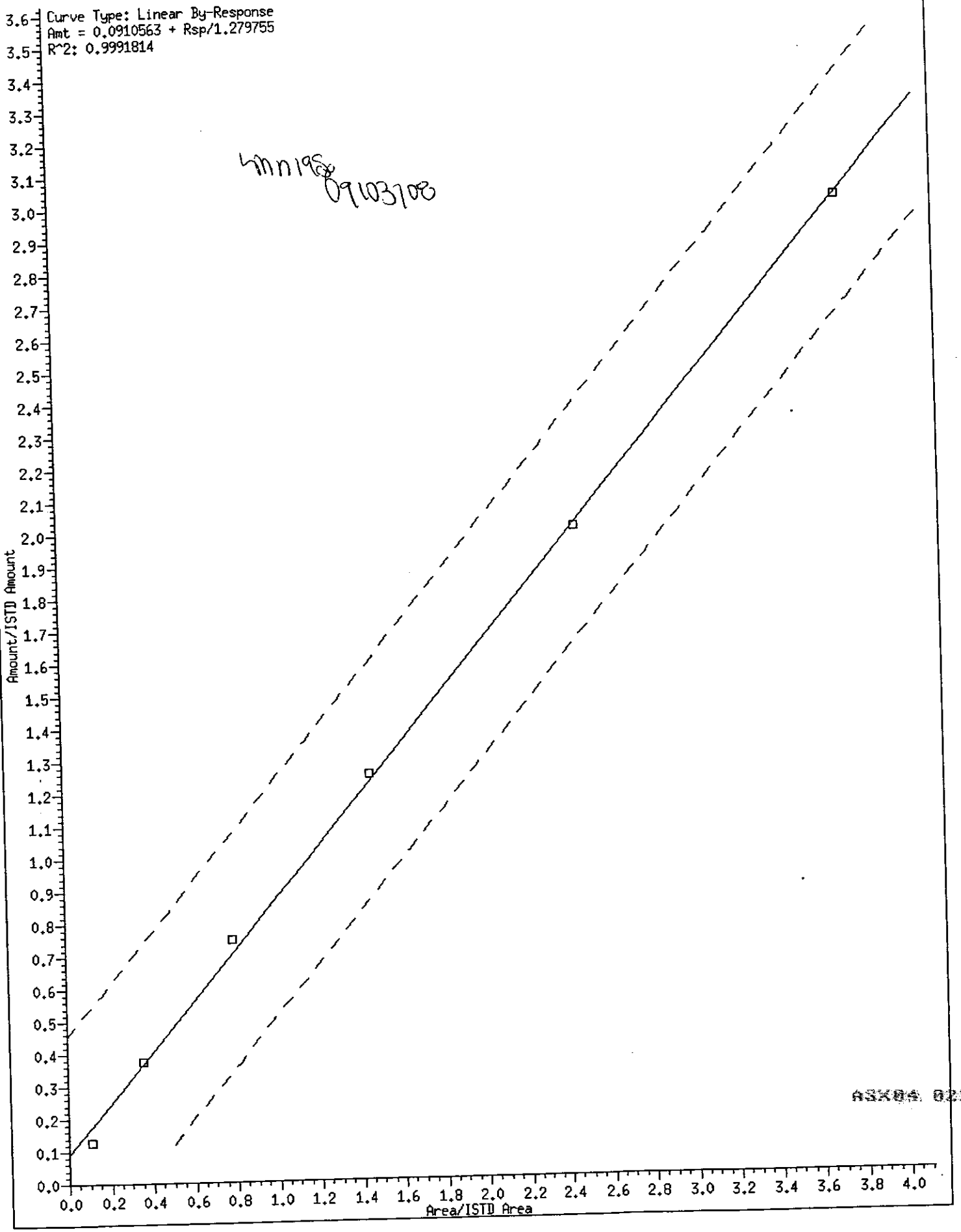
Report generated on 09/03/2008 at 23:34

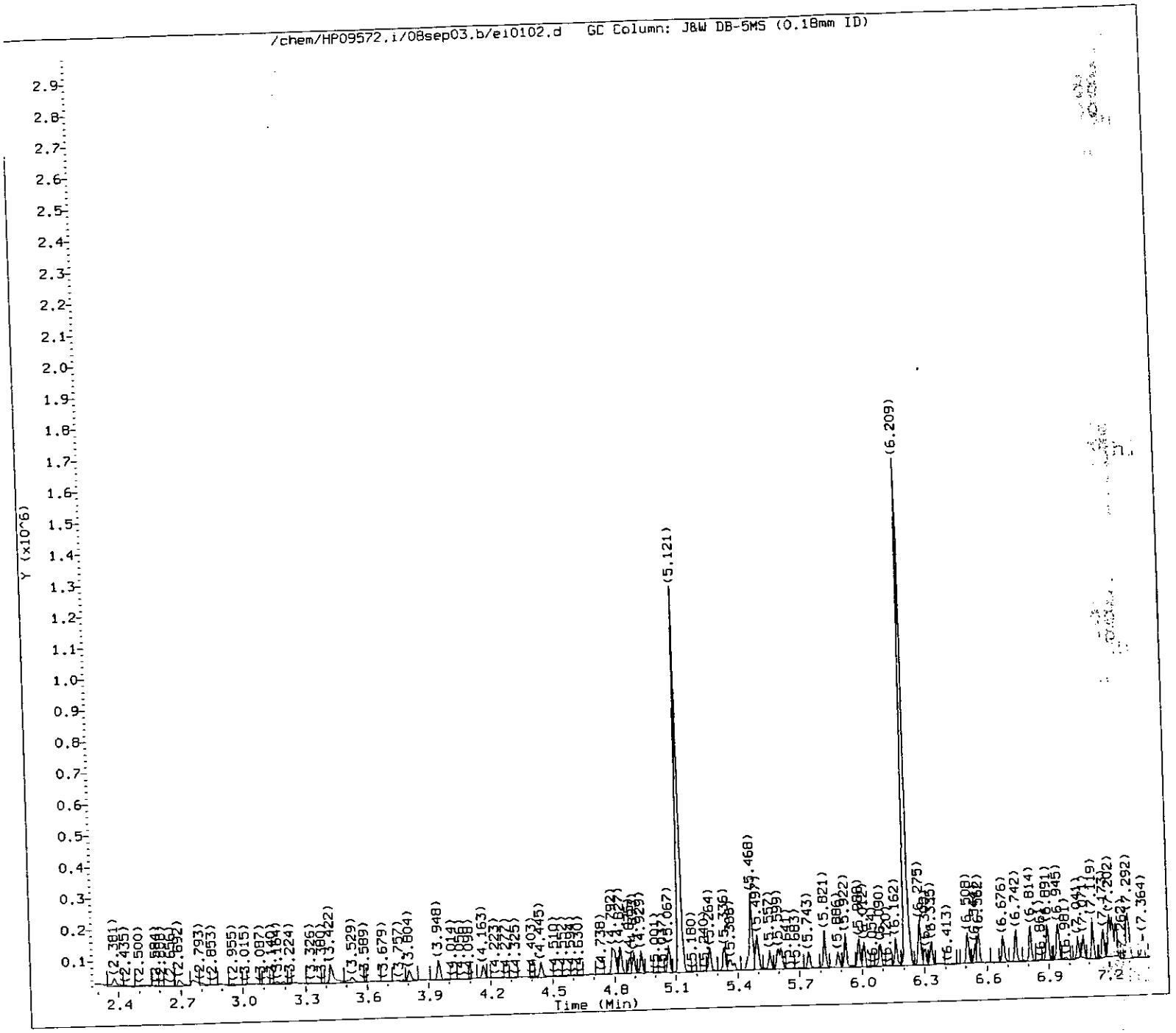
ASX84 8228


100 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.2169585 + Rsp/0.2077735
R^2: 0.9980415
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
ASX04_0221


166 4,4'-Methylenebis(2-Chloroanil
Curve Type: Linear By-Response
Amt = 0.0787305 + Rsp/0.2540567
R^2: 0.9995714
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

ASX04 0222


178 Dibenz(a,h)acridine
Curve Type: Linear By-Response
Amt = 0.0910563 + Rsp/1.279755
R^2: 0.9991814
Amount/ISTD Amount
Area/ISTD Area
ASX04 0223



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

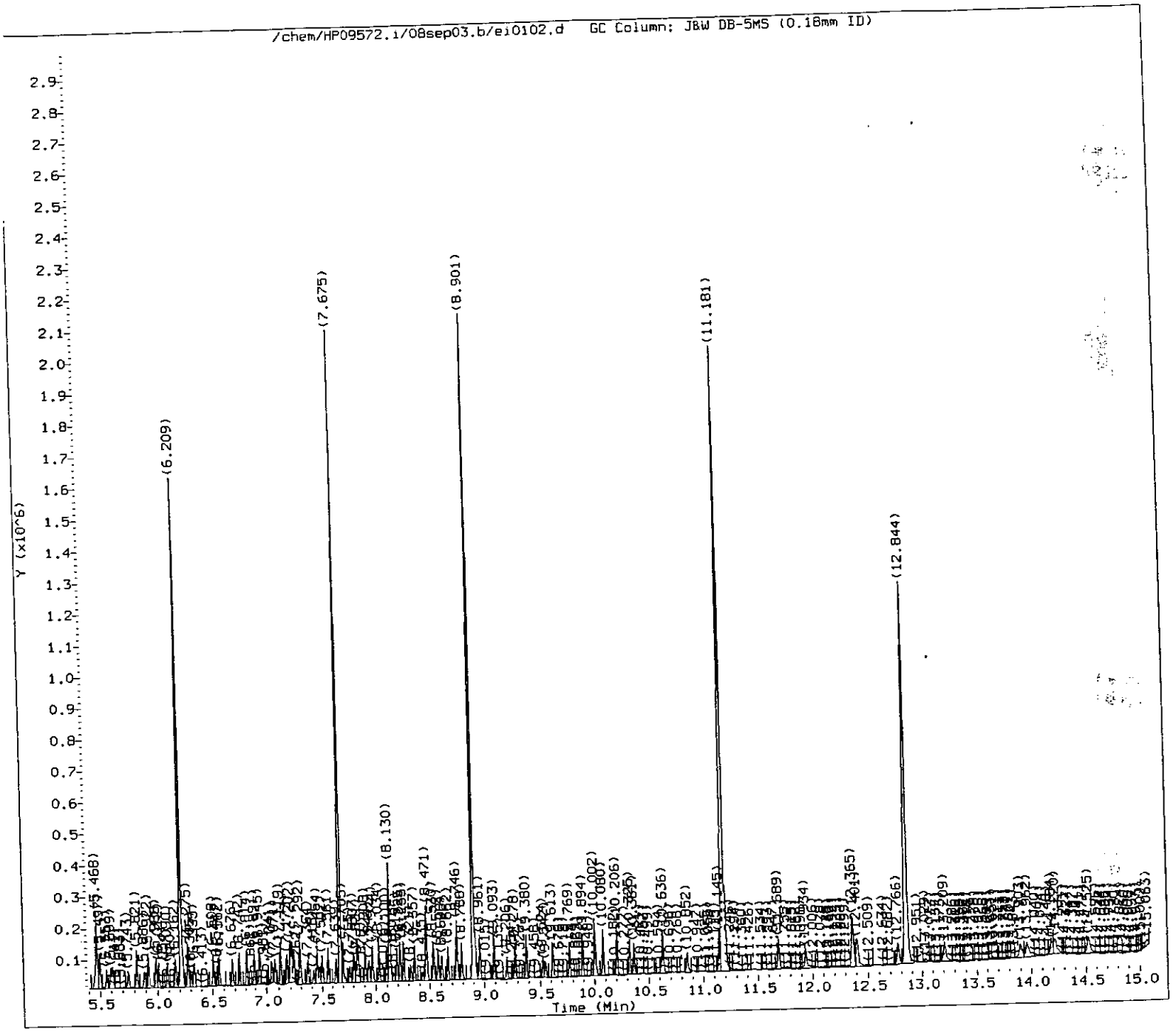
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

ASX84 0224

LMH198 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

ASXB4: B225

LMN198 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.381	88	10231	0.0000
2) N-Nitrosodimethylamine	(1)	2.692	74	14202	0.0000
3) Pyridine	(1)	2.758	79	17384M	0.0000
13) Aniline	(1)	4.827	93	28696	0.0000
16) Phenol	(1)	4.804	94	20130M	0.0000
18) bis(2-Chloroethyl)ether	(1)	4.893	93	18984	0.0000
19) 2-Chlorophenol	(1)	4.929	128	12087	0.0000
20) 1,3-Dichlorobenzene	(1)	5.067	146	13085	0.0000
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	121615	40.0000
22) 1,4-Dichlorobenzene	(1)	5.133	146	13206	0.0000
25) 1,2-Dichlorobenzene	(1)	5.264	146	11951	0.0000
26) 2-Methylphenol	(1)	5.336	108	12838	0.0000
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.360	45	17745	0.0000
28) bis(2-Chloroisopropyl)ether	(1)	5.360	45	17745	0.0000
30) Acetophenone	(1)	5.468	105	22847	0.0000
31) N-Nitroso-di-n-propylamine	(1)	5.468	70	17340	0.0000
33) 4-Methylphenol	(1)	5.462	108	14575	0.0000
34) o-Toluidine	(1)	5.497	106	25800	0.0000
37) Hexachloroethane	(1)	5.557	117	5272	0.0000
39) Nitrobenzene	(2)	5.611	77	21116	0.0000
41) Isophorone	(2)	5.821	82	39741	0.0000
43) 2-Nitrophenol	(2)	5.886	139	5825	0.0000
45) 2,4-Dimethylphenol	(2)	5.922	107	14642	0.0000
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	21486	0.0000
50) 2,4-Dichlorophenol	(2)	6.090	162	9910	0.0000
51) 1,2,4-Trichlorobenzene	(2)	6.162	180	10349	0.0000
53) Naphthalene-d8	(2)	6.209	136	555372	40.0000
54) Naphthalene	(2)	6.227	128	38512	0.0000
56) 4-Chloroaniline	(2)	6.275	127	16615	0.0000
57) 2,6-Dichlorophenol	(2)	6.281	162	9665	0.0000
60) Hexachlorobutadiene	(2)	6.335	225	6511	0.0000
63) Caprolactam	(2)	6.544	113	5663	0.0000
68) 4-Chloro-3-methylphenol	(2)	6.676	107	13064	0.0000
70) 2-Methylnaphthalene	(2)	6.814	142	24841	0.0000
71) 1-Methylnaphthalene	(2)	6.891	142	23283	0.0000
72) Hexachlorocyclopentadiene	(3)	6.939	237	4499	0.0000
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	10499	0.0000
75) 2,4,6-Trichlorophenol	(3)	7.041	196	7323	0.0000
77) 2,4,5-Trichlorophenol	(3)	7.071	196	8076	0.0000
81) Biphenyl	(3)	7.202	154	32278	0.0000
82) Diphenyl	(3)	7.202	154	32278	0.0000
83) 1,1'-Biphenyl	(3)	7.202	154	32278	0.0000
84) 2-Chloronaphthalene	(3)	7.214	162	30233M	0.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 0226

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
85) 1-Chloronaphthalene	(3)	7.232	162	25729M	0.0000
88) Diphenyl ether	(3)	7.292	170	18639	0.0000
89) 2-Nitroaniline	(3)	7.298	138	7584	0.0000
92) Dimethylphthalate	(3)	7.454	163	28488	0.0000
94) 2,6-Dinitrotoluene	(3)	7.502	165	5953	0.0000
95) Acenaphthylene	(3)	7.561	152	36612	0.0000
97) 3-Nitroaniline	(3)	7.639	138	7228	0.0000
98) Acenaphthene-d10	(3)	7.675	164	335735	40.0000
99) Acenaphthene	(3)	7.705	153	24337	0.0000
100) 2,4-Dinitrophenol	(3)	7.723	184	2008	0.0000
101) Pentachlorobenzene	(3)	7.807	250	12184	0.0000
103) 4-Nitrophenol	(3)	7.765	109	4889	0.0000
104) Dibenzofuran	(3)	7.843	168	37130	0.0000
105) 2,4-Dinitrotoluene	(3)	7.831	165	7149	0.0000
106) 1-Naphthylamine	(3)	7.908	143	25359	0.0000
107) 2,3,4,6-Tetrachlorophenol	(3)	7.944	232	6687	0.0000
108) 2-Naphthylamine	(3)	7.974	143	26858	0.0000
109) Diethylphthalate	(3)	8.034	149	29144	0.0000
111) Fluorene	(3)	8.130	166	28436	0.0000
112) 4-Chlorophenyl-phenylether	(3)	8.130	204	14140	0.0000
114) 4-Nitroaniline	(3)	8.136	138	8331	0.0000
115) 4,6-Dinitro-2-methylphenol	(4)	8.160	198	2798	0.0000
117) N-Nitrosodiphenylamine	(4)	8.225	169	21540	0.0000
118) 1,2-Diphenylhydrazine	(4)	8.255	77	51499	0.0000
126) 4-Bromophenyl-phenylether	(4)	8.530	248	8729	0.0000
128) Hexachlorobenzene	(4)	8.572	284	10059	0.0000
132) Pentachlorophenol	(4)	8.740	266	3462	0.0000
133) Pentachloronitrobenzene	(4)	8.746	237	3463	0.0000
136) Phenanthrene-d10	(4)	8.901	188	650587	40.0000
138) Phenanthrene	(4)	8.919	178	38043	0.0000
139) Anthracene	(4)	8.961	178	41561	0.0000
141) Carbazole	(4)	9.093	167	40943	0.0000
143) Di-n-butylphthalate	(4)	9.380	149	44360	0.0000
148) Fluoranthene	(4)	9.894	202	45148	0.0000
153) Benzidine	(5)	10.002	184	56004	0.0000
155) Pyrene	(5)	10.080	202	46278	0.0000
162) Butylbenzylphthalate	(5)	10.636	149	19305	0.0000
165) 3,3'-Dichlorobenzidine	(5)	11.145	252	14197	0.0000
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.151	231	6788	0.0000
167) Benzo(a)anthracene	(5)	11.169	228	45413	2.5000
168) Chrysene-d12	(5)	11.181	240	682979	40.0000
169) Chrysene	(5)	11.205	228	46123	0.0000
170) bis(2-Ethylhexyl)phthalate	(5)	11.205	149	26598	0.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 8227

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

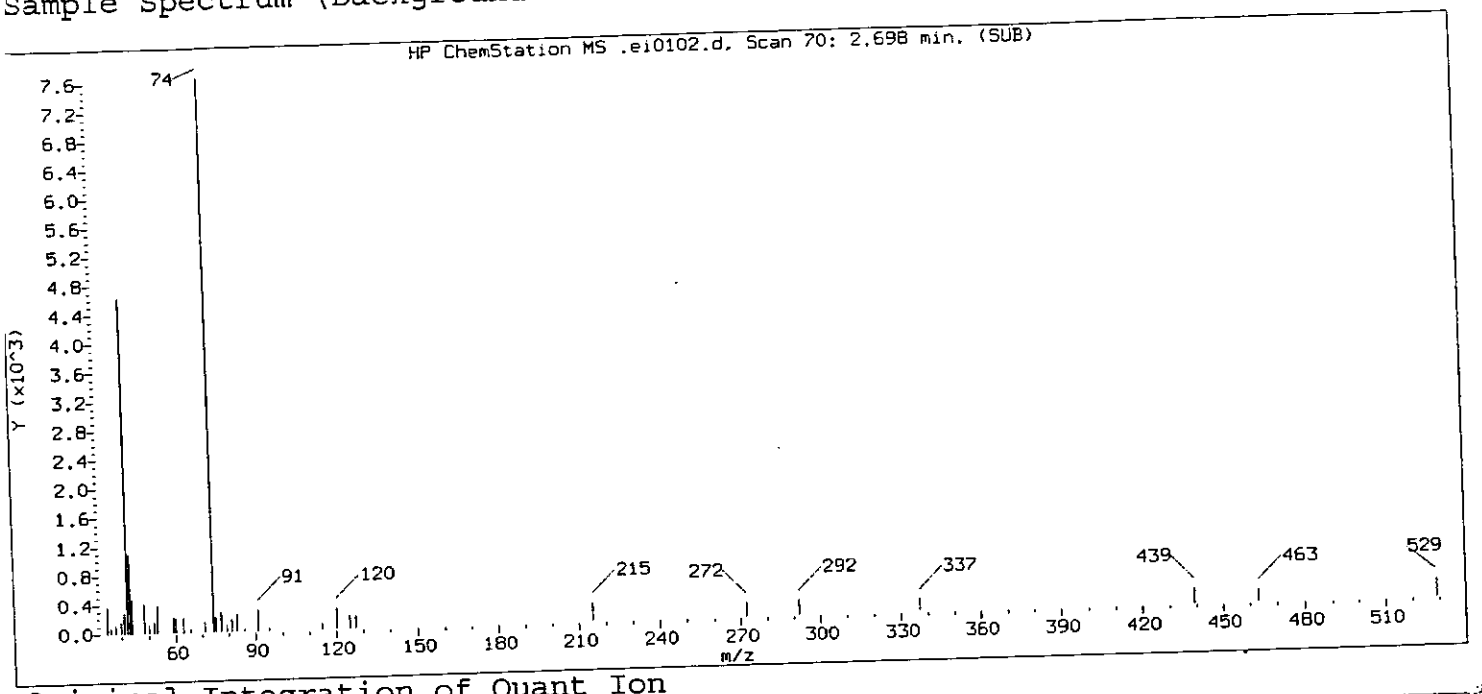
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
171) Di-n-octylphthalate	(6)	11.934	149	35531	0.0000
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.365	256	19997	0.0000
173) Benzo(b)fluoranthene	(6)	12.371	252	43932	2.5000
174) Benzo(k)fluoranthene	(6)	12.407	252	44829	2.5000
175) Benzo(a)pyrene	(6)	12.772	252	36198	2.5000
176) Perylene-d12	(6)	12.844	264	556215	40.0000
177) 3-Methylcholanthrene	(6)	13.209	268	20197	0.0000
178) Dibenz(a,h)acridine	(6)	13.903	279	26437	0.0000
179) Dibenz(a,j)acridine	(6)	13.962	279	30948	0.0000
180) Indeno(1,2,3-cd)pyrene	(6)	14.184	276	38352	0.0000
181) Dibenz(a,h)anthracene	(6)	14.220	278	32425	2.5000
182) Benzo(g,h,i)perylene	(6)	14.525	276	35123	0.0000
9) 2-Fluorophenol	(1)	3.948	112	13967	0.0000
14) Phenol-d5	(1)	4.792	99	21366	0.0000
15) Phenol-d6	(1)	4.792	99	21366	0.0000
38) Nitrobenzene-d5	(2)	5.599	82	20291	0.0000
78) 2-Fluorobiphenyl	(3)	7.119	172	27796	0.0000
119) 2,4,6-Tribromophenol	(3)	8.321	330	4066	0.0000
157) Terphenyl-d14	(5)	10.206	244	36316	0.0000

M = Compound was manually integrated.

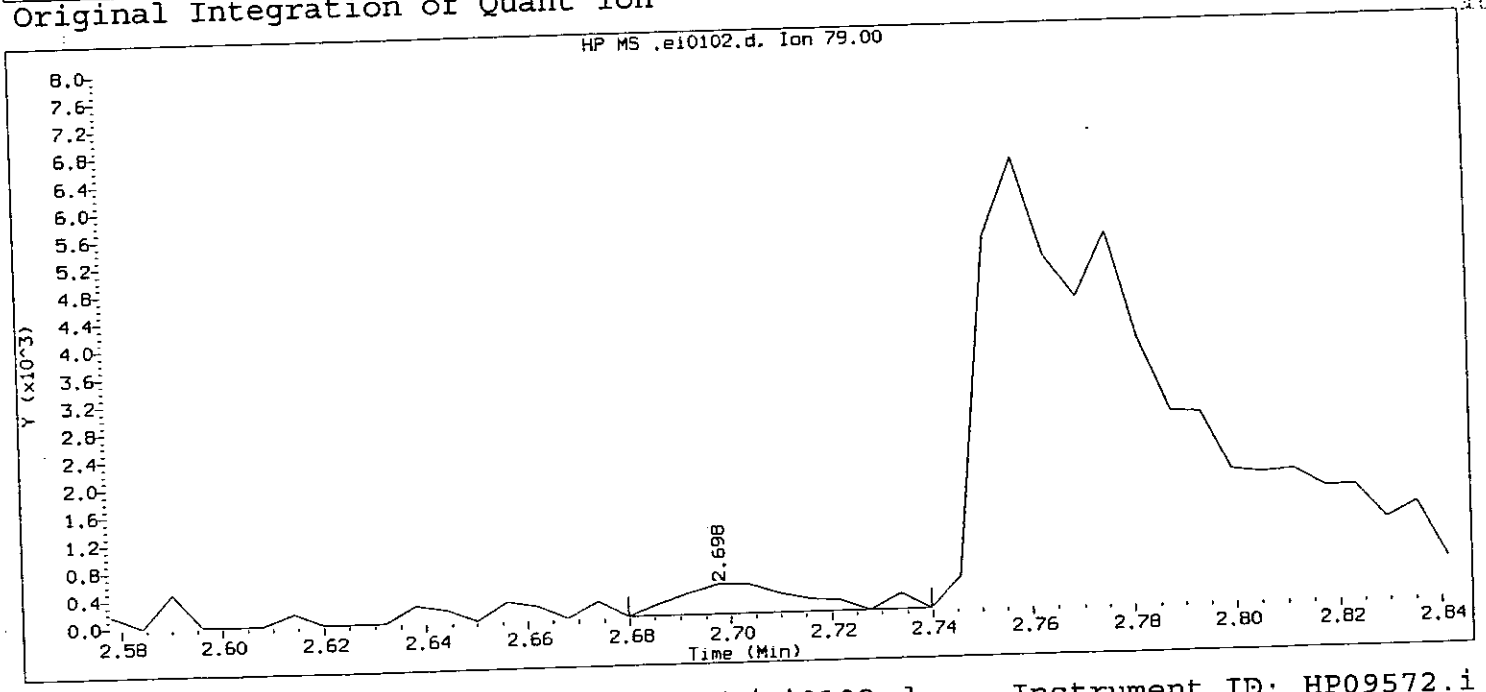
A = User selected an alternate hit

ASX04 0229

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 20:37

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 20:37 Automation

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 70
Retention Time (minutes)	: 2.698
Quant Ion	: 79
Area	: 783
Concentration (ng/ul)	: 50.0000
Integration start scan	: 66
Y at integration start	: 0

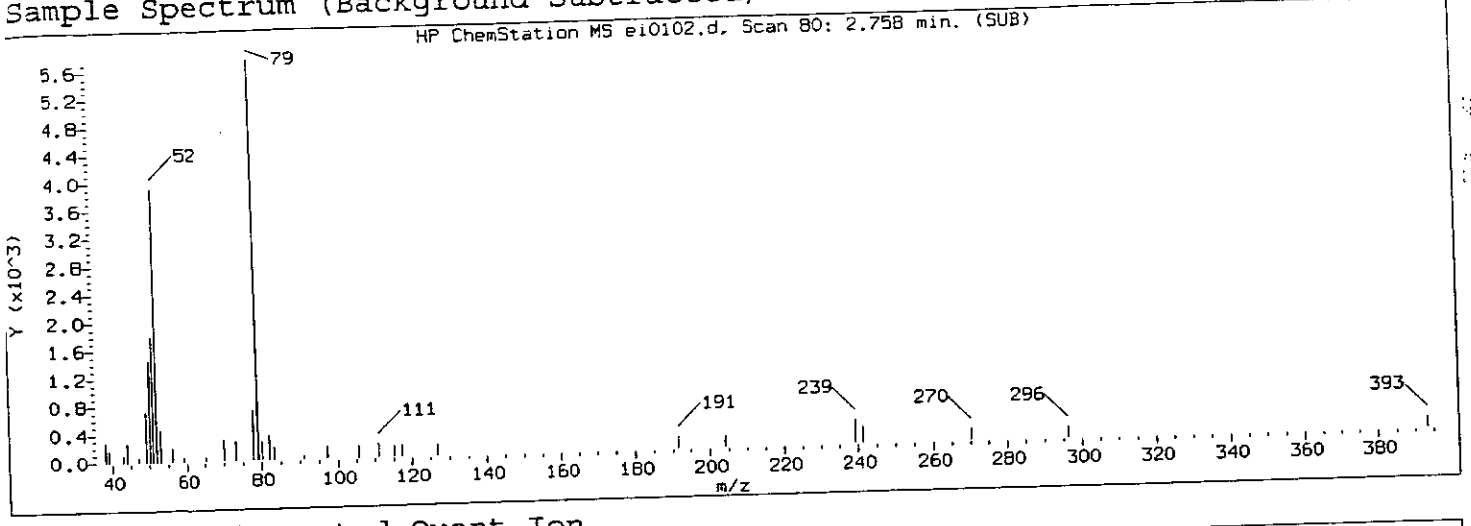
Integration stop scan: 76
Y at integration end: 0

LMH 09/03/08

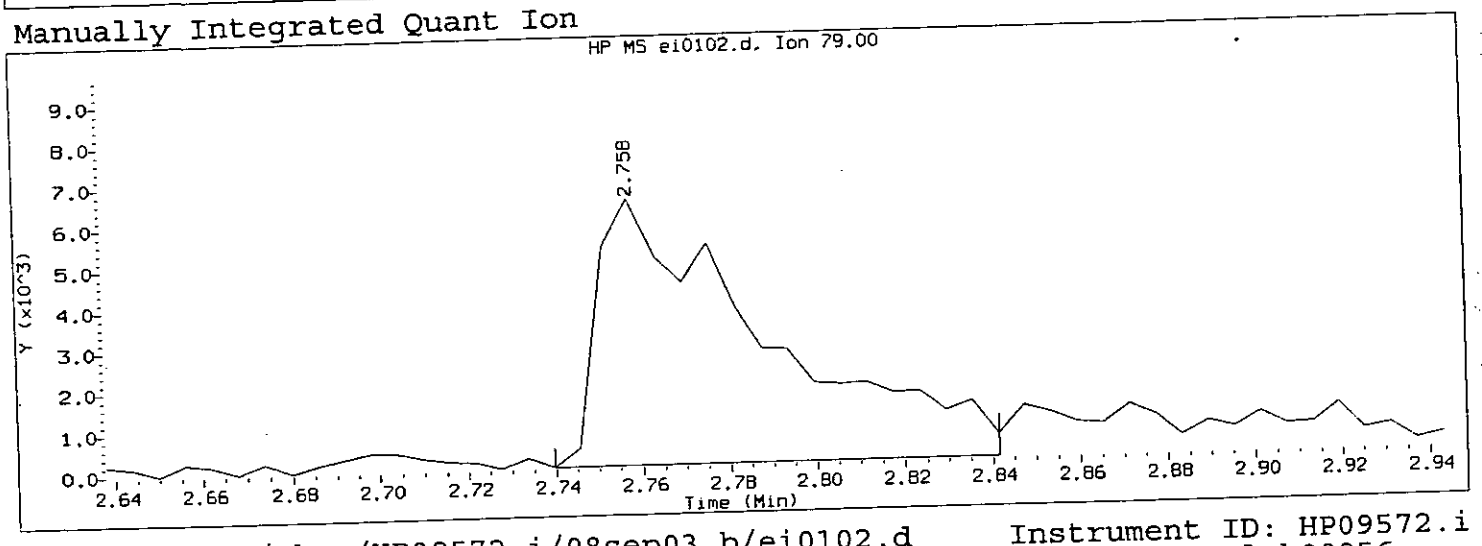
ASX84 8229

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

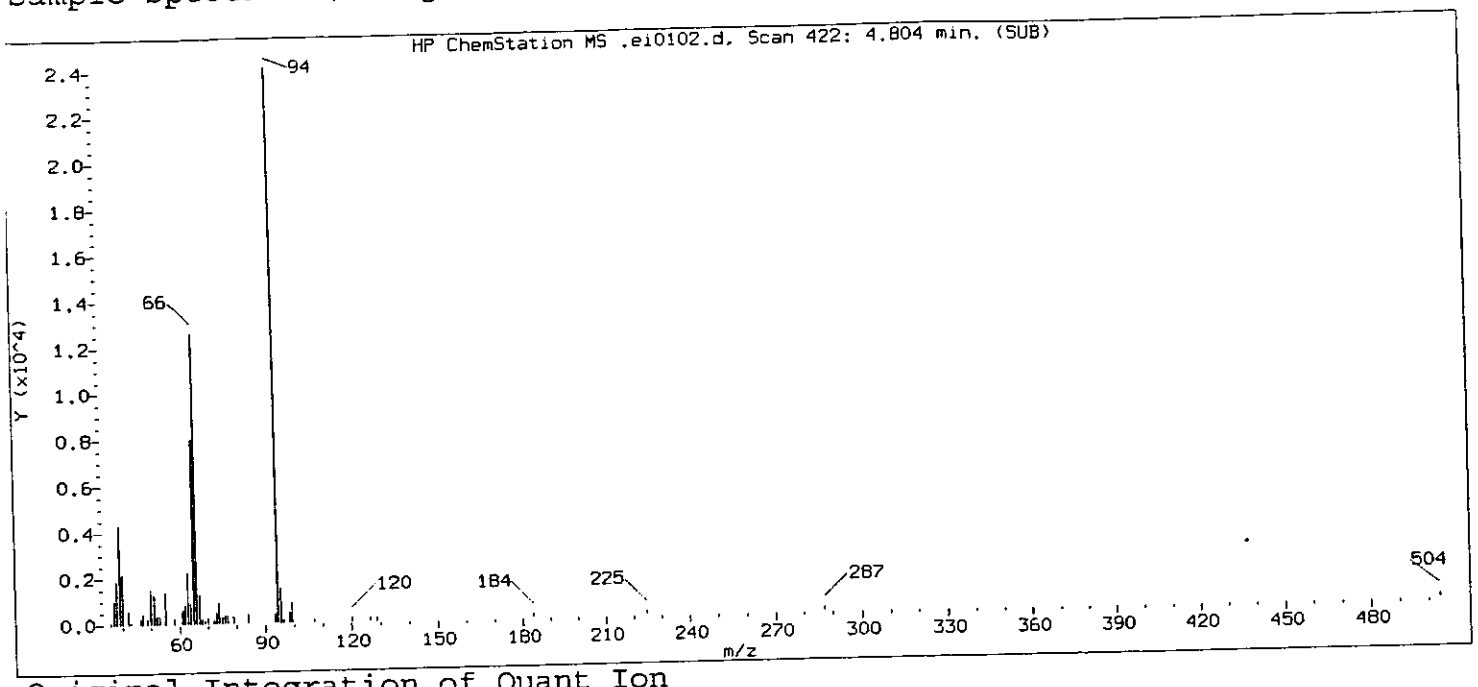
Compound Number : 3
Compound Name : Pyridine
Scan Number : 80
Retention Time (minutes): 2.758
Quant Ion : 79
Area (flag) : 17384 M
Concentration (ng/ul) : 0.0000
Integration start scan : 76
Integration stop scan: 93
Y at integration start : -2
Y at integration end: -2

Reason for manual integration (circle one): missed peak improper integration

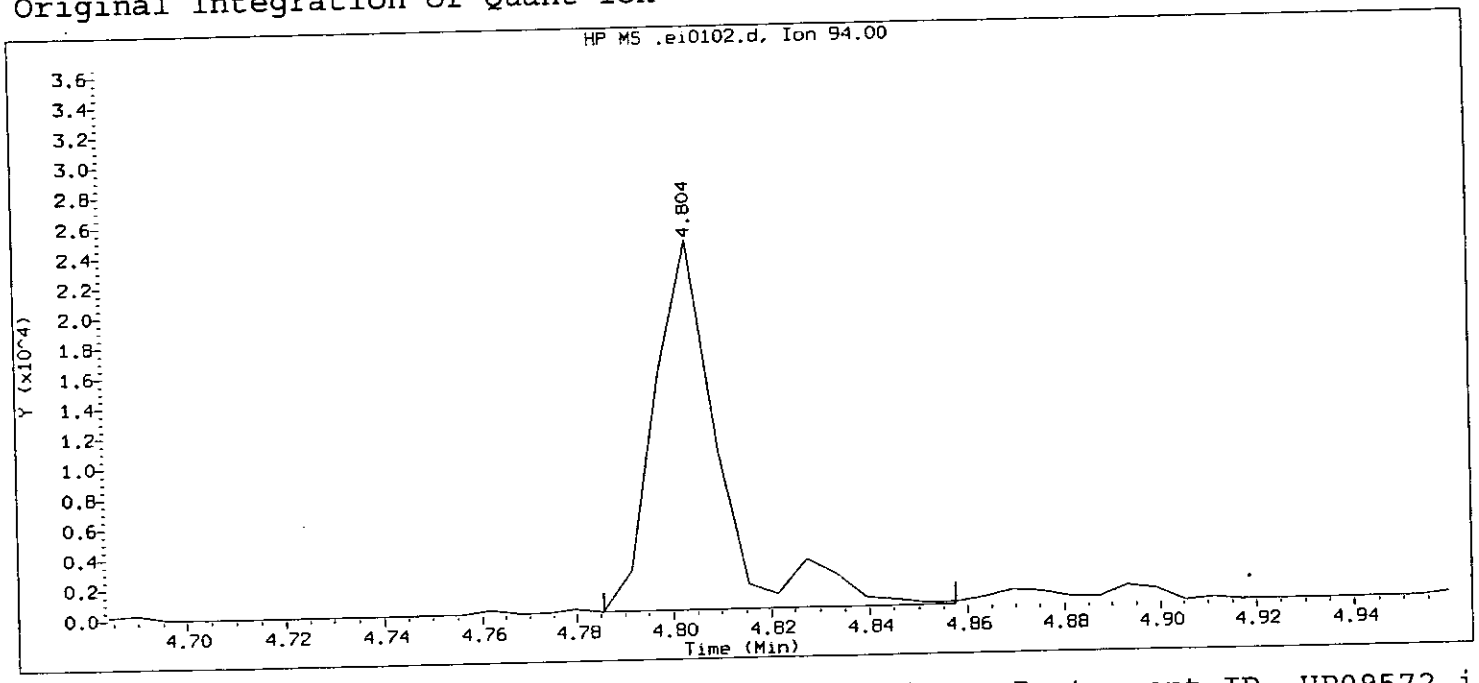
Analyst responsible for change: LMH 09/03/08

GC/MS audit/management approval: BBW 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 20:20 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 20:37
Date, time and analyst ID of latest file update: 03-Sep-2008 20:37 Automation

Sample Name: SSTD2.5 Lab Sample ID: STD2388

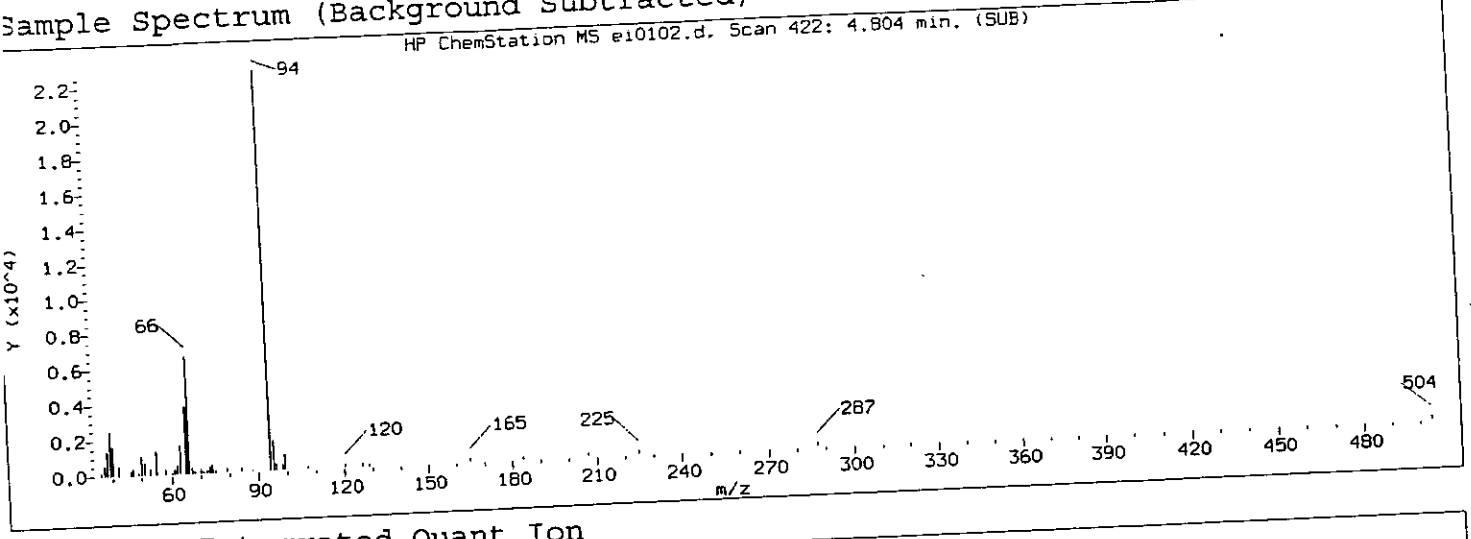
Compound Number : 16
Compound Name : Phenol
Scan Number : 422
Retention Time (minutes): 4.804
Quant Ion : 94
Area : 22515
Concentration (ng/ul) : 50.0000
Integration start scan : 418 Integration stop scan: 430
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

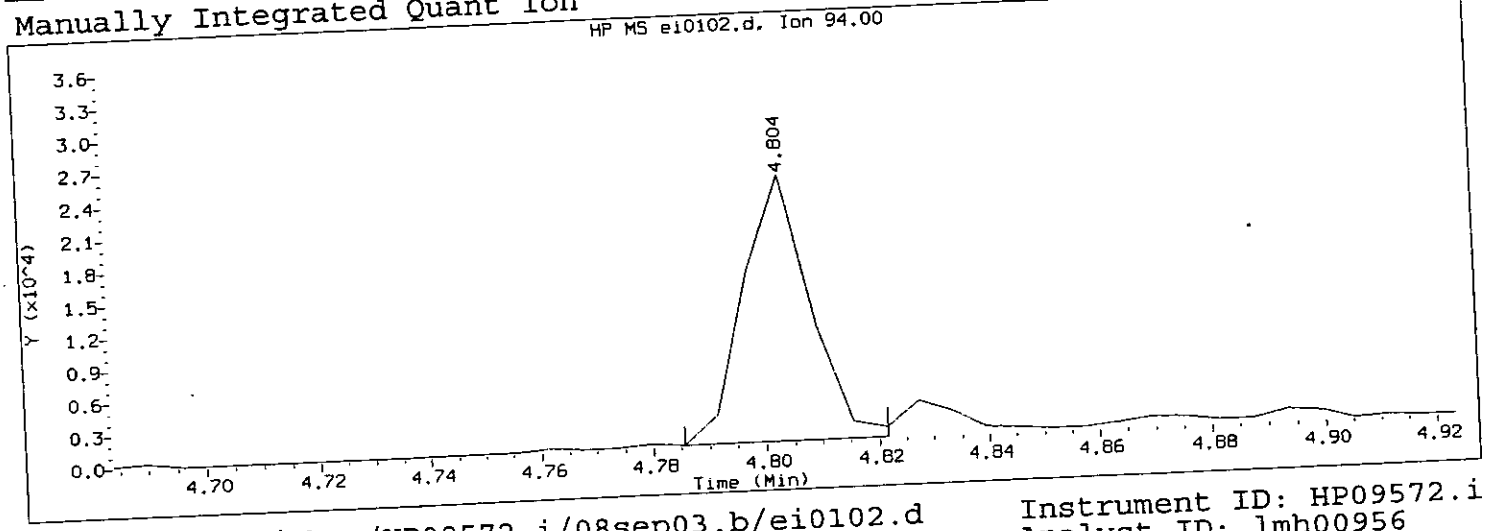
ASX84 8231

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compound Number	: 16
Compound Name	: Phenol
Scan Number	: 422
Retention Time (minutes)	: 4.804
Quant Ion	: 94
Area (flag)	: 20130 M
Concentration (ng/ul)	: 0.0000
Integration start scan	: 418
Y at integration start	: 0

Integration stop scan: 424.
Y at integration end: 0

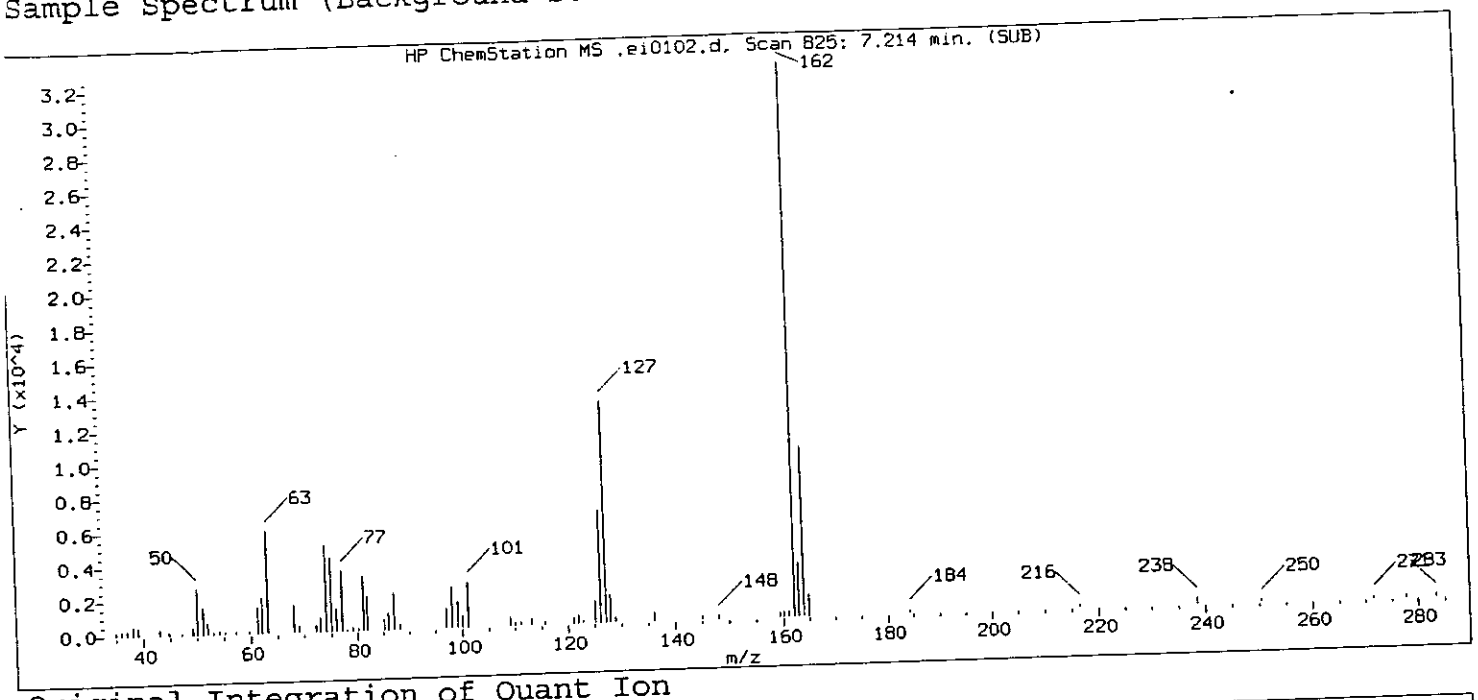
Reason for manual integration (circle one): missed peak improper integratio

Analyst responsible for change: LMH98 09/03/08

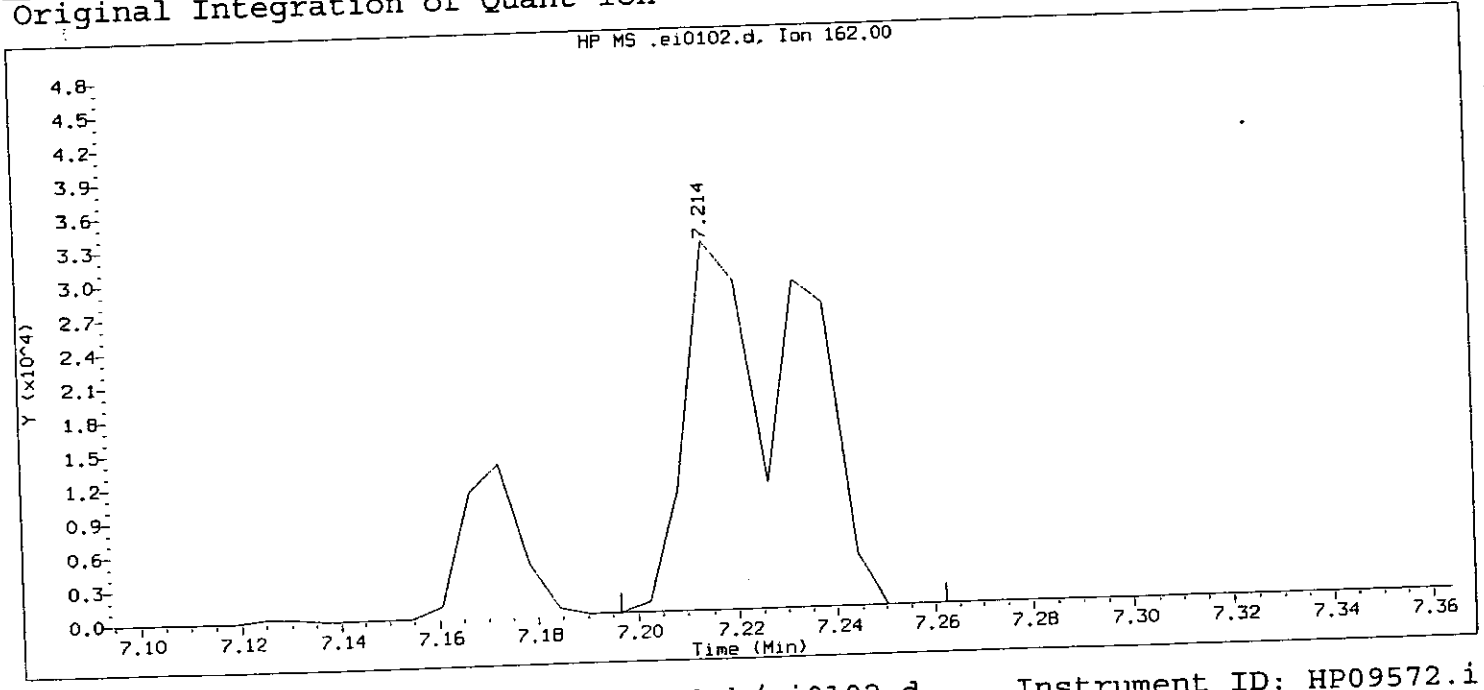
GC/MS audit/management approval: 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 20:37

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 20:37 Automation

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compound Number	: 84
Compound Name	: 2-Chloronaphthalene
Scan Number	: 825
Retention Time (minutes)	: 7.214
Quant Ion	: 162
Area	: 51938
Concentration (ng/ul)	: 50.0000
Integration start scan	: 821
Y at integration start	: 0

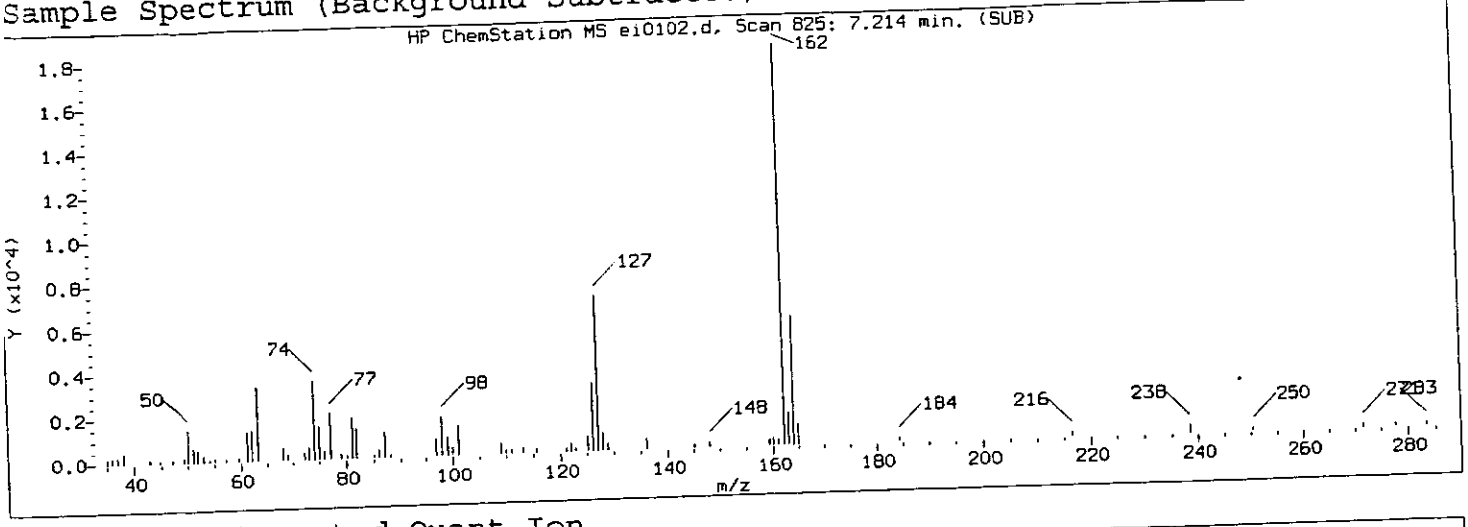
Integration stop scan: 832
Y at integration end: 0

LMH 09/03/08

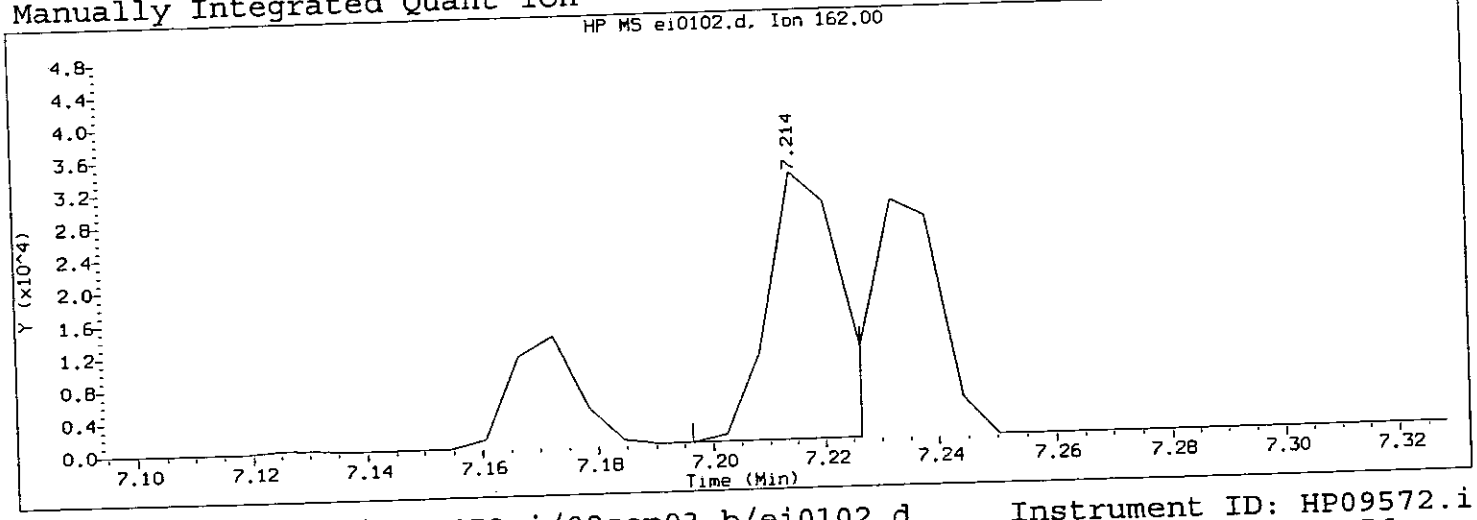
ASX84 8233

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compound Number	:	84
Compound Name	:	2-Chloronaphthalene
Scan Number	:	825
Retention Time (minutes)	:	7.214
Quant Ion	:	162
Area (flag)	:	30233 M
Concentration (ng/ul)	:	0.0000
Integration start scan	:	821
Y at integration start	:	0

Integration stop scan: 826
Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

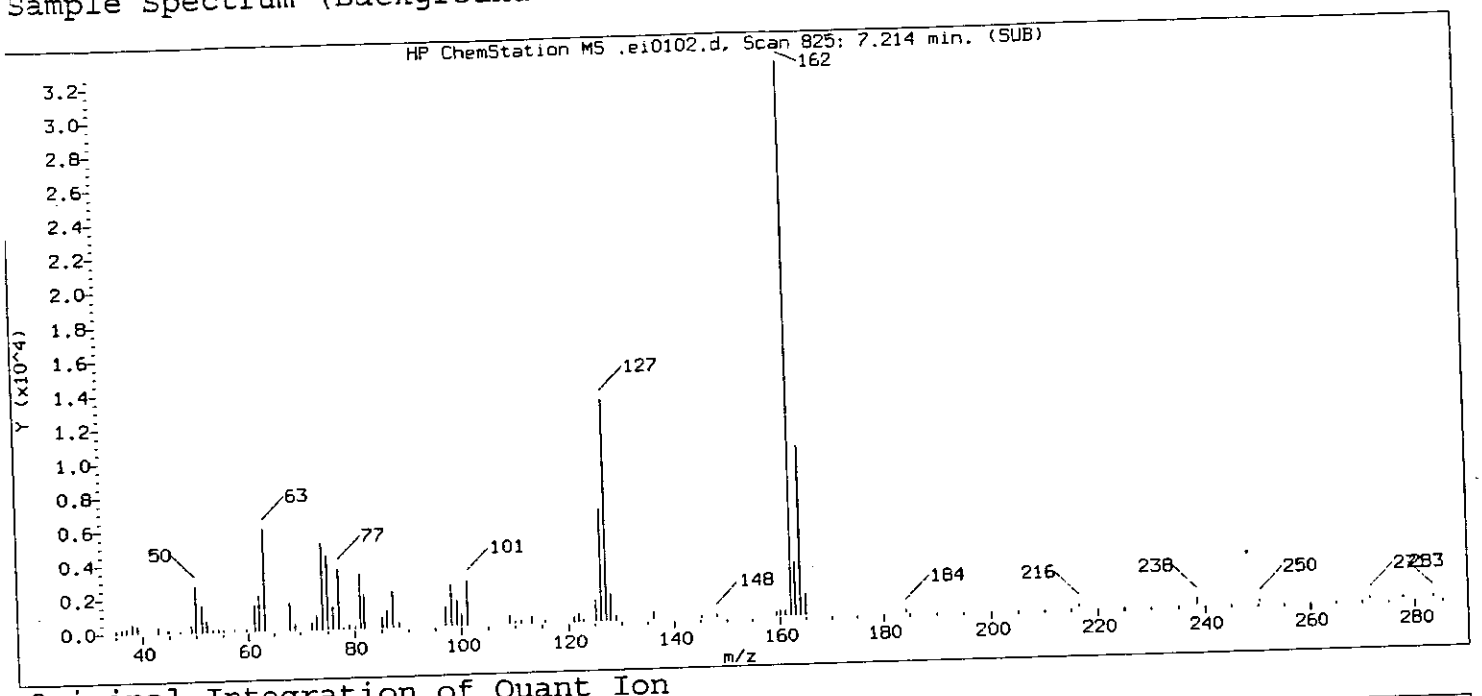
Analyst responsible for change: mm198 09/03/08

ASX84 8234

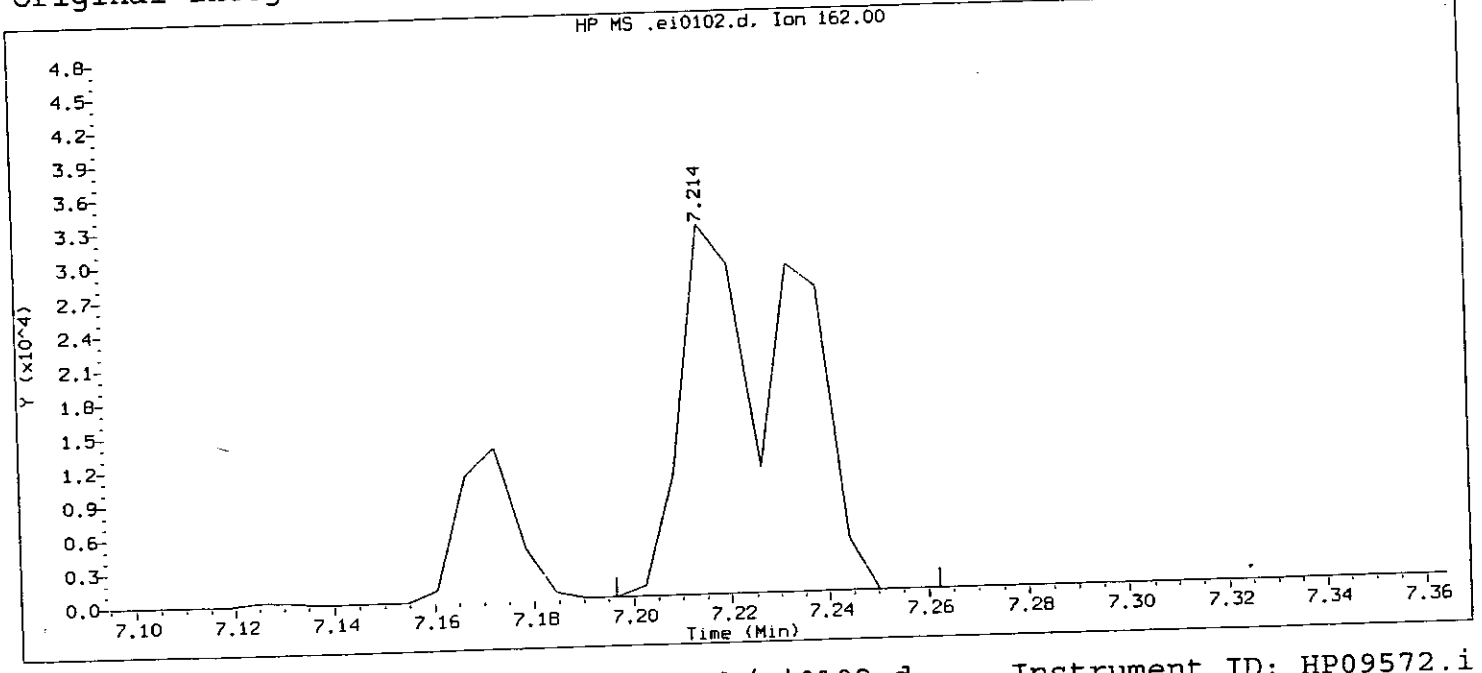
GC/MS audit/management approval: BBM705 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 20:37

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 20:37 Automation

Sample Name: SSTD2.5

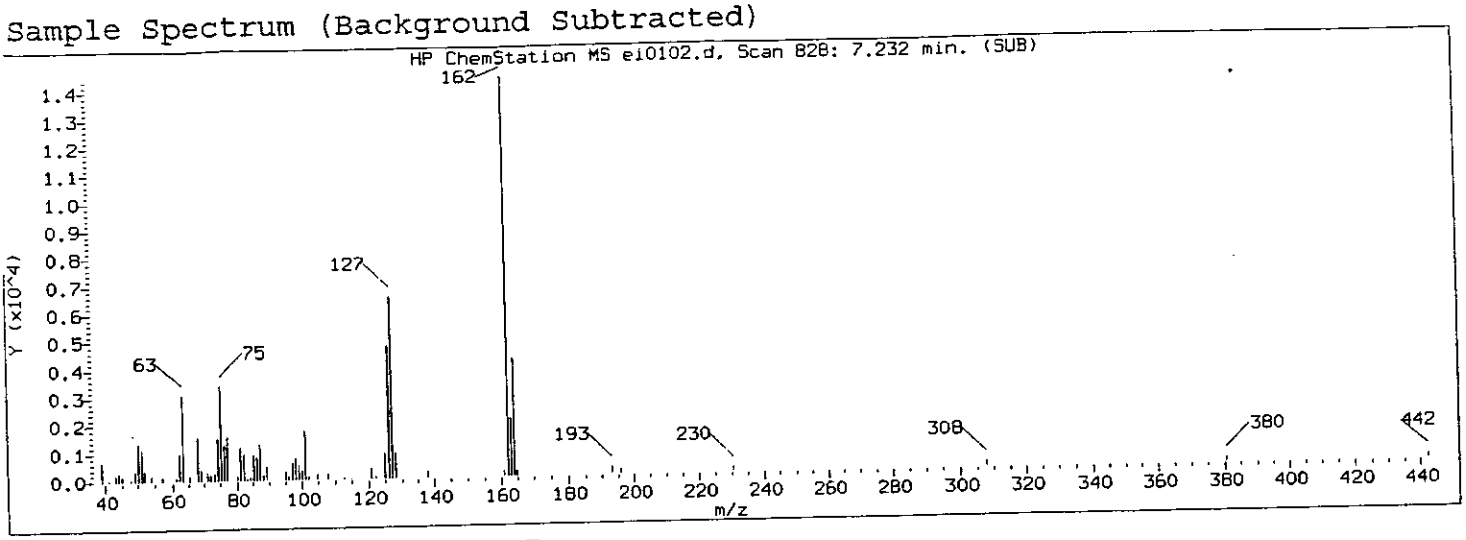
Lab Sample ID: STD2388

Compound Number	: 85
Compound Name	: 1-Chloronaphthalene
Scan Number	: 825
Retention Time (minutes)	: 7.214
Quant Ion	: 162
Area	: 51938
Concentration (ng/ul)	: 50.0000
Integration start scan	: 821
Integration stop scan	: 832
Y at integration start	: 0
Y at integration end	: 0

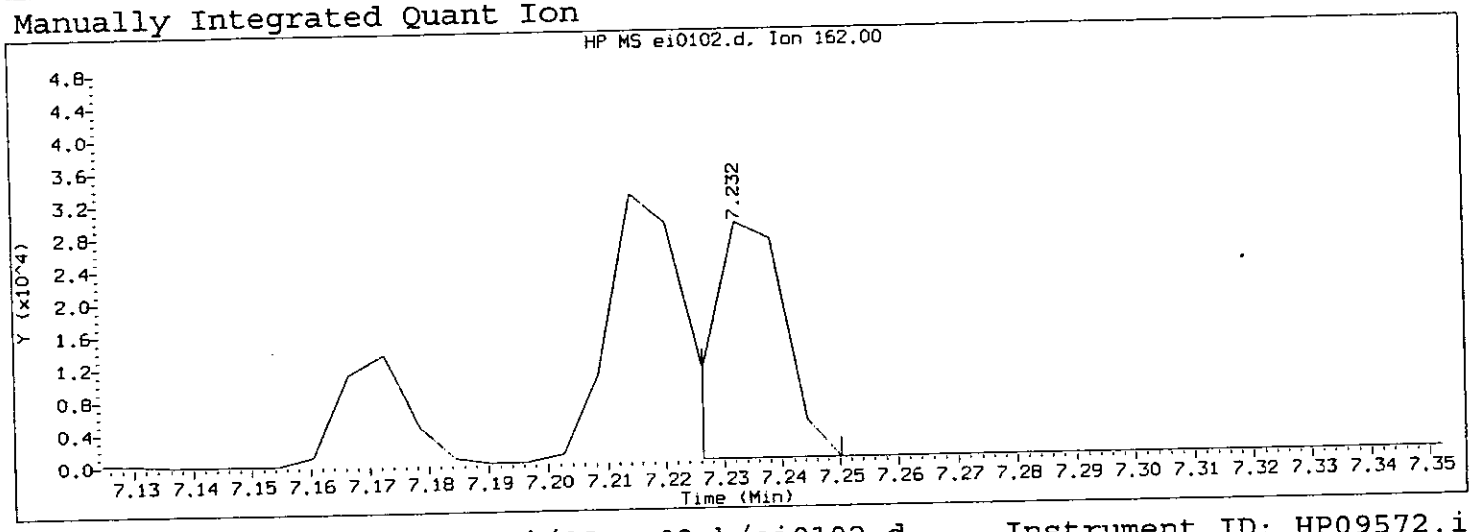
lmh198 09/03/08 ASX64 8235

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0102.d
Injection date and time: 03-SEP-2008 20:20

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD2.5

Lab Sample ID: STD2388

Compound Number	:	85
Compound Name	:	1-Chloronaphthalene
Scan Number	:	828
Retention Time (minutes)	:	7.232
Quant Ion	:	162
Area (flag)	:	25729 M
Concentration (ng/ul)	:	0.0000
Integration start scan	:	826
Y at integration start	:	-22

Integration stop scan: 830
Y at integration end: -22

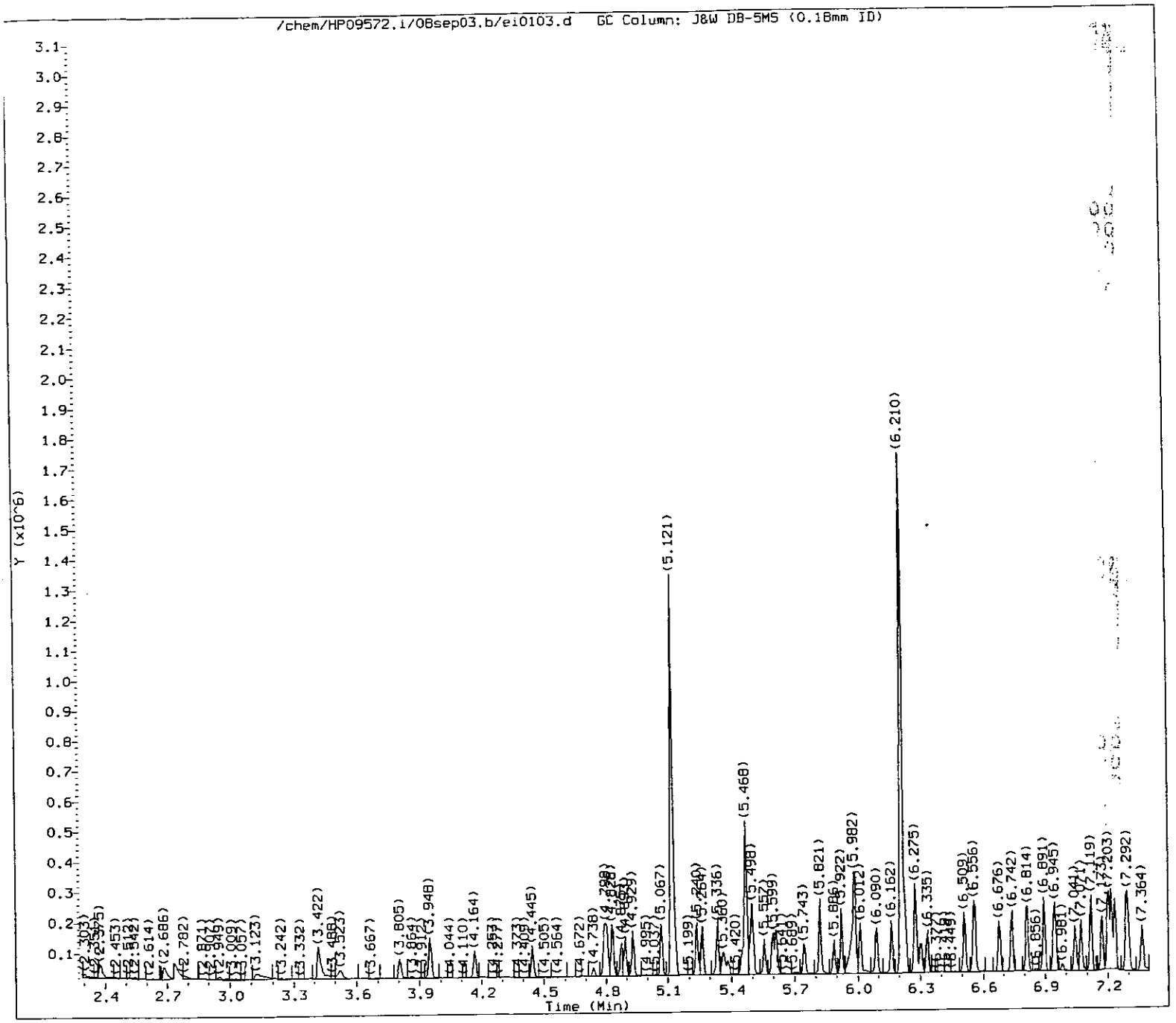
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn19 09/03/08

GC/MS audit/management approval: BBM 9/5/08

ASK 04/0236

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0102.d, generated on 09/03/2008 at 23:28



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

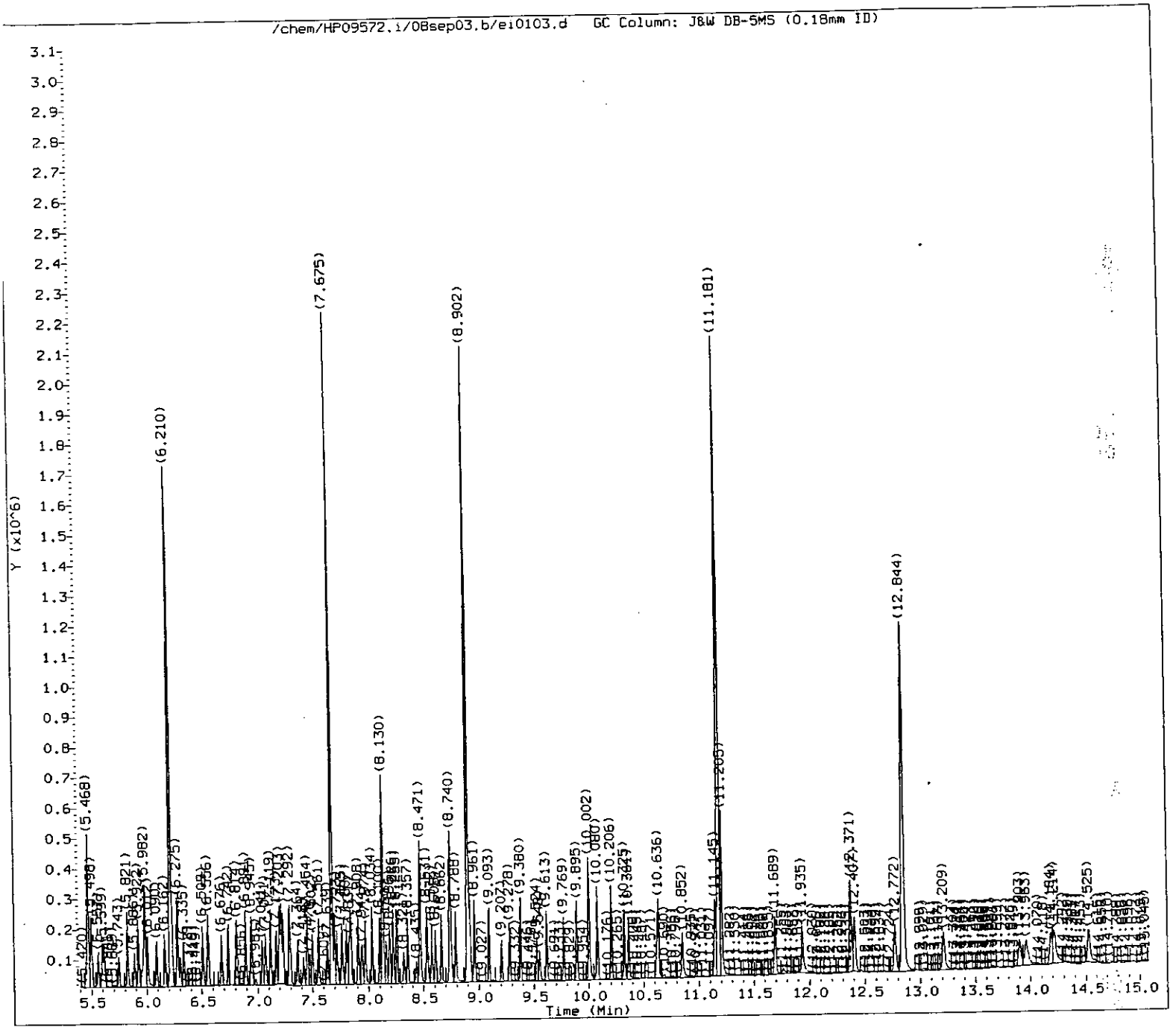
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

ASX84 0237

lmh198 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

ASX04 8238

LMH19 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	18988	5.0000
2) N-Nitrosodimethylamine	(1)	2.686	74	28198	5.0000
3) Pyridine	(1)	2.734	79	43340M	5.0000
13) Aniline	(1)	4.828	93	58317	5.0000
16) Phenol	(1)	4.804	94	43435M	5.0000
18) bis(2-Chloroethyl)ether	(1)	4.893	93	34521	5.0000
19) 2-Chlorophenol	(1)	4.929	128	25482	5.0000
20) 1,3-Dichlorobenzene	(1)	5.067	146	25647	5.0000
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	131729	40.0000
22) 1,4-Dichlorobenzene	(1)	5.133	146	26999	5.0000
24) Benzyl alcohol	(1)	5.240	108	20762	5.0000
25) 1,2-Dichlorobenzene	(1)	5.264	146	24195	5.0000
26) 2-Methylphenol	(1)	5.336	108	24986	5.0000
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.360	45	35023	5.0000
28) bis(2-Chloroisopropyl)ether	(1)	5.360	45	35023	5.0000
30) Acetophenone	(1)	5.468	105	46375	5.0000
31) N-Nitroso-di-n-propylamine	(1)	5.474	70	33555	5.0000
33) 4-Methylphenol	(1)	5.462	108	29472	5.0000
34) o-Toluidine	(1)	5.498	106	52806	5.0000
37) Hexachloroethane	(1)	5.557	117	10703	5.0000
39) Nitrobenzene	(2)	5.611	77	45517	5.0000
41) Isophorone	(2)	5.821	82	81468	5.0000
43) 2-Nitrophenol	(2)	5.886	139	12060	5.0000
45) 2,4-Dimethylphenol	(2)	5.922	107	31311	5.0000
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	45898	5.0000
48) Benzoic acid	(2)	5.982	105	71471	15.0000
50) 2,4-Dichlorophenol	(2)	6.090	162	20694	5.0000
51) 1,2,4-Trichlorobenzene	(2)	6.162	180	18989	5.0000
53) Naphthalene-d8	(2)	6.210	136	598537	40.0000
54) Naphthalene	(2)	6.227	128	74890	5.0000
56) 4-Chloroaniline	(2)	6.275	127	31106	5.0000
57) 2,6-Dichlorophenol	(2)	6.281	162	20006	5.0000
60) Hexachlorobutadiene	(2)	6.335	225	11388	5.0000
63) Caprolactam	(2)	6.556	113	11031	5.0000
68) 4-Chloro-3-methylphenol	(2)	6.676	107	26696	5.0000
70) 2-Methylnaphthalene	(2)	6.814	142	50111	5.0000
71) 1-Methylnaphthalene	(2)	6.891	142	49439	5.0000
72) Hexachlorocyclopentadiene	(3)	6.939	237	10337	5.0000
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	22928	5.0000
75) 2,4,6-Trichlorophenol	(3)	7.047	196	14928	5.0000
77) 2,4,5-Trichlorophenol	(3)	7.071	196	16903	5.0000
81) Biphenyl	(3)	7.203	154	64585	5.0000
82) Diphenyl	(3)	7.203	154	64585	5.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 5239

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.203	154	64585	5.0000
84) 2-Chloronaphthalene	(3)	7.215	162	61764M	5.0000
85) 1-Chloronaphthalene	(3)	7.232	162	48759M	5.0000
88) Diphenyl ether	(3)	7.292	170	34075	5.0000
89) 2-Nitroaniline	(3)	7.298	138	16492	5.0000
92) Dimethylphthalate	(3)	7.454	163	57399	5.0000
94) 2,6-Dinitrotoluene	(3)	7.502	165	12115	5.0000
95) Acenaphthylene	(3)	7.561	152	73023	5.0000
97) 3-Nitroaniline	(3)	7.639	138	13593	5.0000
98) Acenaphthene-d10	(3)	7.675	164	350476	40.0000
99) Acenaphthene	(3)	7.699	153	45647	5.0000
100) 2,4-Dinitrophenol	(3)	7.723	184	15837	15.0000
101) Pentachlorobenzene	(3)	7.807	250	21078	5.0000
103) 4-Nitrophenol	(3)	7.765	109	18218	10.0000
104) Dibenzofuran	(3)	7.843	168	72049	5.0000
105) 2,4-Dinitrotoluene	(3)	7.831	165	16385	5.0000
106) 1-Naphthylamine	(3)	7.908	143	50886	5.0000
107) 2,3,4,6-Tetrachlorophenol	(3)	7.944	232	13681	5.0000
108) 2-Naphthylamine	(3)	7.974	143	47920	5.0000
109) Diethylphthalate	(3)	8.034	149	55488	5.0000
111) Fluorene	(3)	8.130	166	59817	5.0000
112) 4-Chlorophenyl-phenylether	(3)	8.130	204	26829	5.0000
114) 4-Nitroaniline	(3)	8.136	138	16487	5.0000
115) 4,6-Dinitro-2-methylphenol	(4)	8.166	198	15081	10.0000
117) N-Nitrosodiphenylamine	(4)	8.226	169	42722	5.0000
118) 1,2-Diphenylhydrazine	(4)	8.255	77	97894	5.0000
126) 4-Bromophenyl-phenylether	(4)	8.531	248	16647	5.0000
128) Hexachlorobenzene	(4)	8.572	284	17699	5.0000
132) Pentachlorophenol	(4)	8.734	266	31340	15.0000
133) Pentachloronitrobenzene	(4)	8.746	237	8594	5.0000
136) Phenanthrene-d10	(4)	8.902	188	650071	40.0000
138) Phenanthrene	(4)	8.919	178	80279	5.0000
139) Anthracene	(4)	8.961	178	82409	5.0000
141) Carbazole	(4)	9.093	167	82970	5.0000
143) Di-n-butylphthalate	(4)	9.380	149	92956	5.0000
148) Fluoranthene	(4)	9.895	202	86970	5.0000
153) Benzidine	(5)	10.002	184	126221	15.0000
155) Pyrene	(5)	10.080	202	93770	5.0000
162) Butylbenzylphthalate	(5)	10.636	149	40132	5.0000
165) 3,3'-Dichlorobenzidine	(5)	11.145	252	30909	5.0000
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.151	231	14397	5.0000
167) Benzo(a)anthracene	(5)	11.169	228	91877	4.9012
168) Chrysene-d12	(5)	11.181	240	718749	40.0000

M = Compound was manually integrated.

A = User selected an alternate hi

ASX84 8248

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

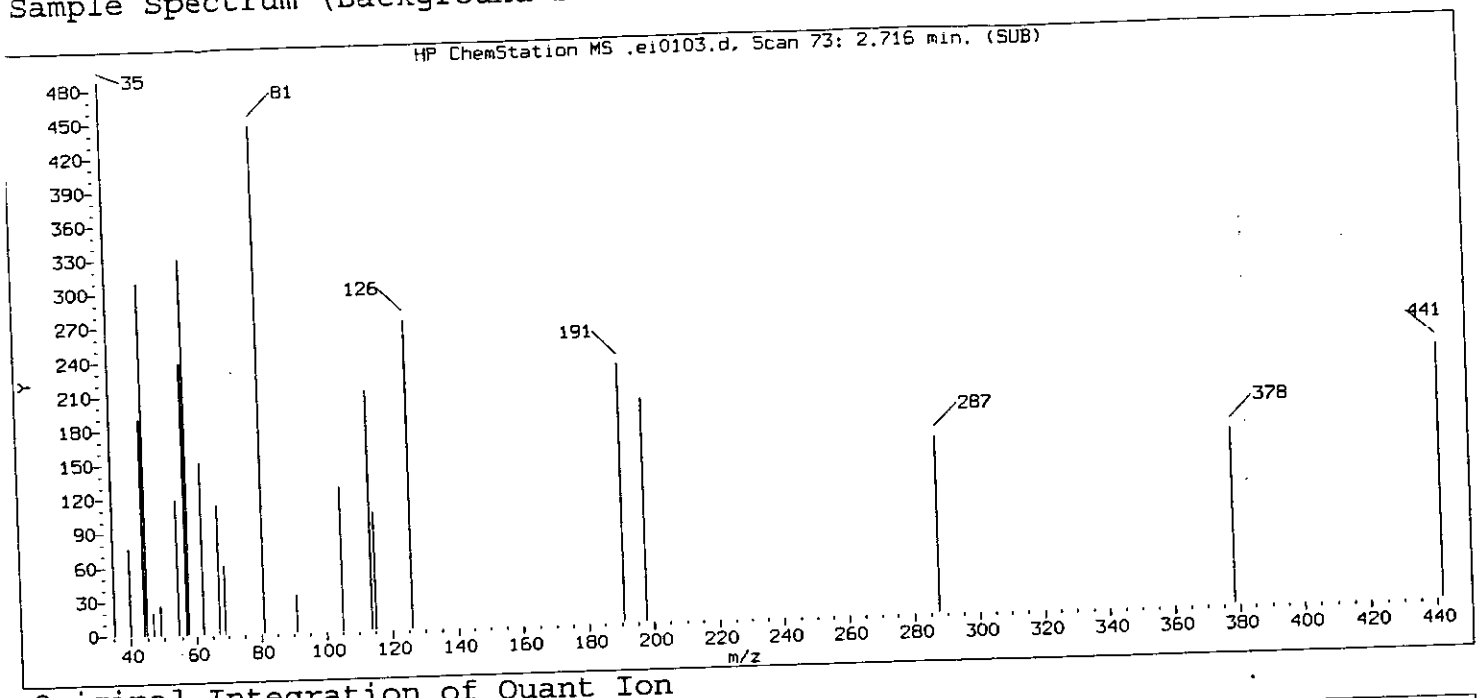
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169)	Chrysene	(5)	11.205	228	97901	5.0000
170)	bis(2-Ethylhexyl)phthalate	(5)	11.205	149	55514	5.0000
171)	Di-n-octylphthalate	(6)	11.935	149	84419	5.0000
172)	7,12-Dimethylbenz[a]anthracene	(6)	12.365	256	41930	5.0000
173)	Benzo(b)fluoranthene	(6)	12.371	252	88885	5.0799
174)	Benzo(k)fluoranthene	(6)	12.407	252	94622	5.1857
175)	Benzo(a)pyrene	(6)	12.772	252	78563	5.2552
176)	Perylene-d12	(6)	12.844	264	544979	40.0000
177)	3-Methylcholanthrene	(6)	13.209	268	42826	5.0000
178)	Dibenz(a,h)acridine	(6)	13.903	279	57052M	5.0000
179)	Dibenz(a,j)acridine	(6)	13.968	279	69706	5.0000
180)	Indeno(1,2,3-cd)pyrene	(6)	14.184	276	88569M	5.0000
181)	Dibenz(a,h)anthracene	(6)	14.220	278	71198	5.2842
182)	Benzo(g,h,i)perylene	(6)	14.525	276	80140	5.0000
9)	2-Fluorophenol	(1)	3.948	112	27009	5.0000
14)	Phenol-d5	(1)	4.792	99	41735	5.0000
15)	Phenol-d6	(1)	4.792	99	41735	5.0000
38)	Nitrobenzene-d5	(2)	5.599	82	40152	5.0000
78)	2-Fluorobiphenyl	(3)	7.119	172	56333	5.0000
119)	2,4,6-Tribromophenol	(3)	8.321	330	8065	5.0000
157)	Terphenyl-d14	(5)	10.206	244	72646	5.0000

M = Compound was manually integrated.

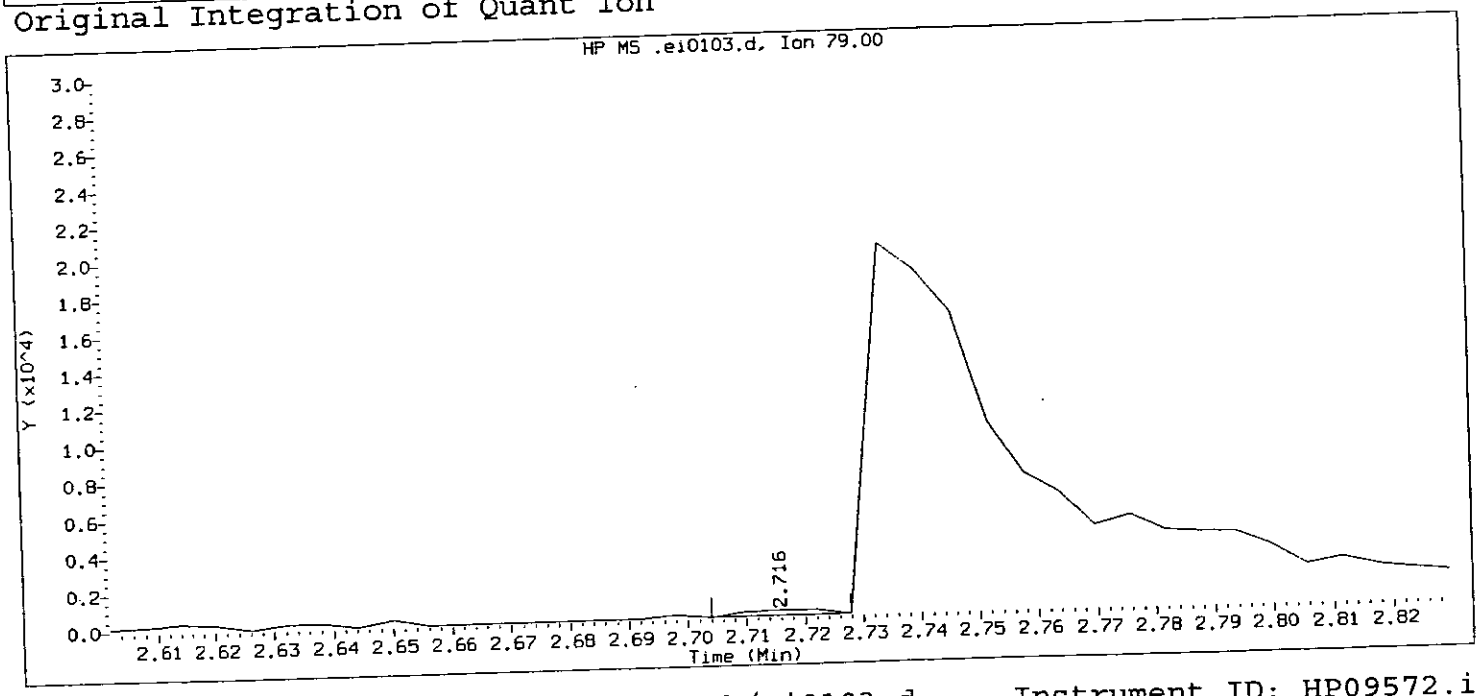
A = User selected an alternate hit

ASX04 0241

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sample Name: SSTD005

Lab Sample ID: STD2478

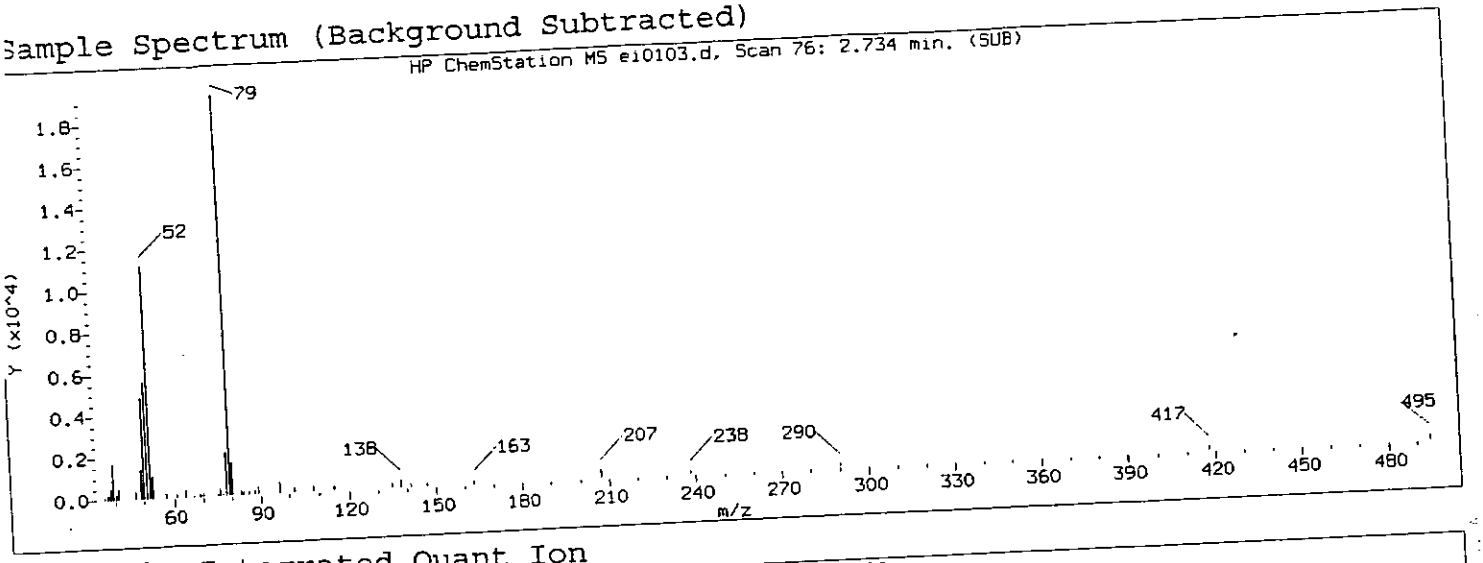
Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 73
Retention Time (minutes)	: 2.716
Quant Ion	: 79
Area	: 297
Concentration (ng/ul)	: 7.7798
Integration start scan	: 70
Y at integration start	: 0

Integration stop scan: 74
Y at integration end: 0

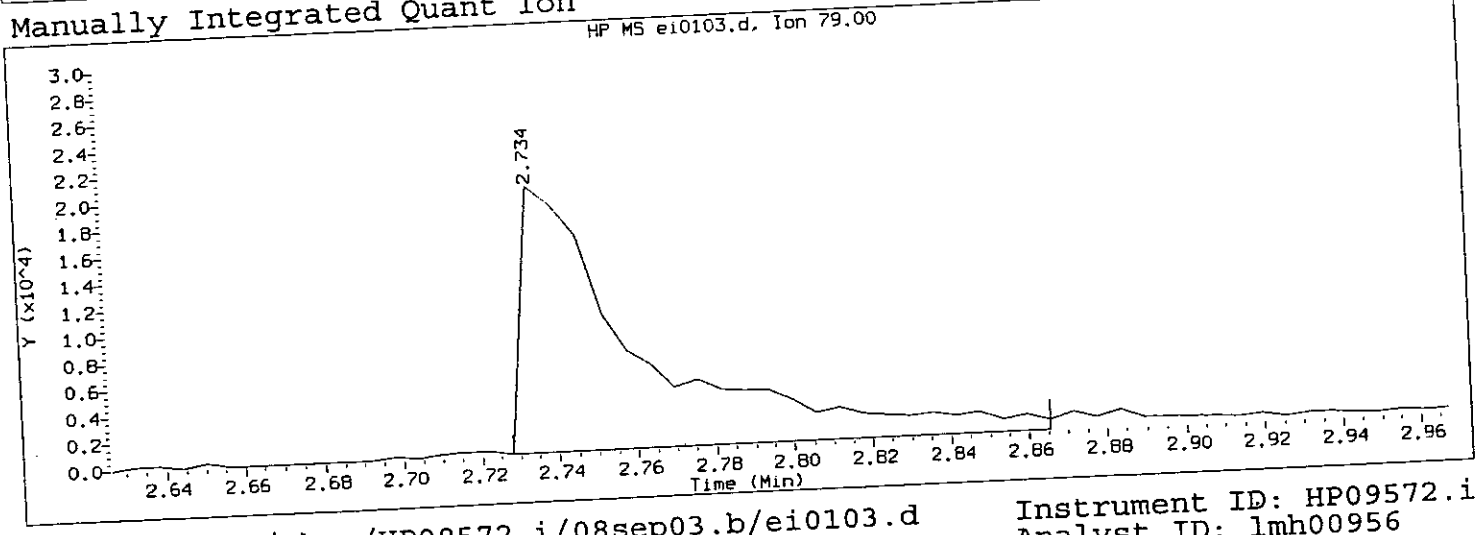
mm198 09/03/08 ASX04 0242

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

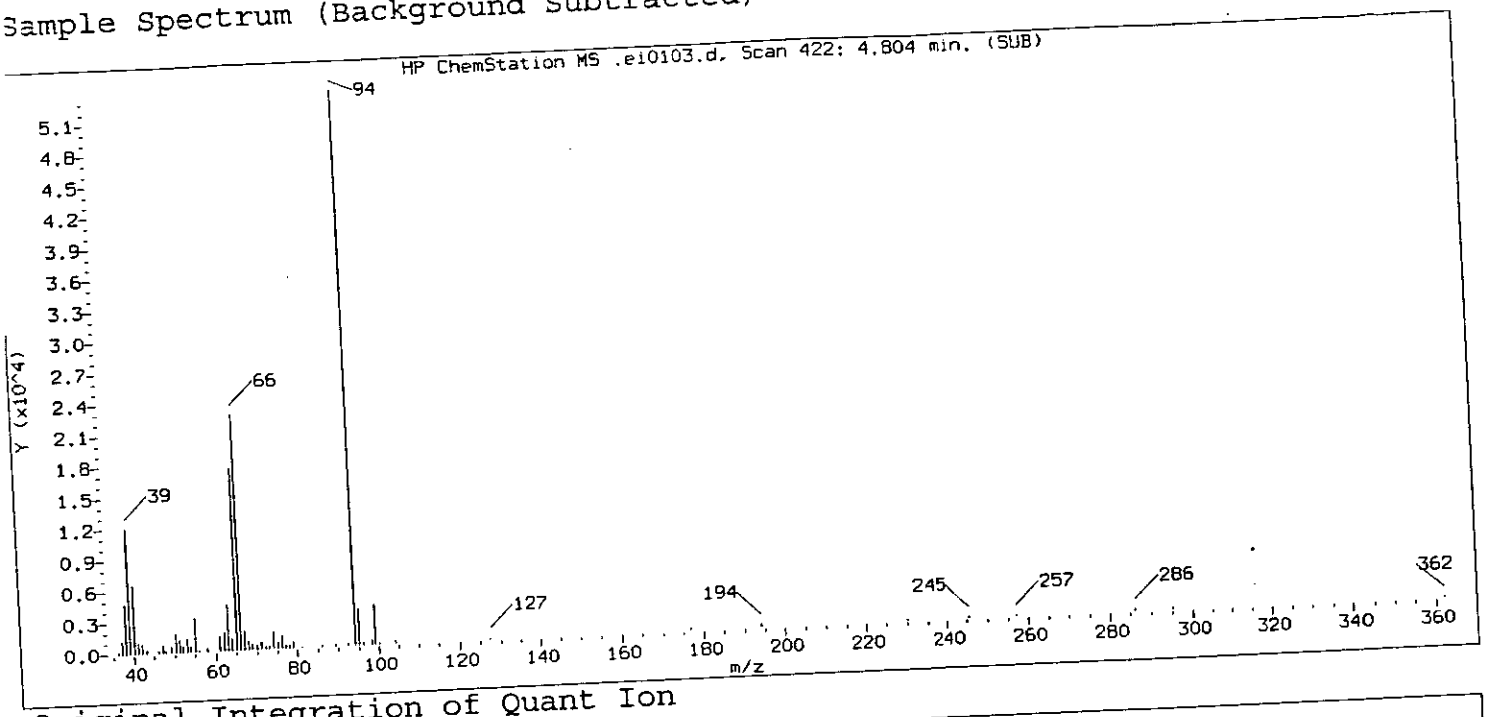
Compound Number : 3
Compound Name : Pyridine
Scan Number : 76
Retention Time (minutes) : 2.734
Quant Ion : 79
Area (flag) : 43340 M
Concentration (ng/ul) : 5.0000
Integration start scan : 74
Integration stop scan: 97
Y at integration start : 2
Y at integration end: 2

Reason for manual integration (circle one): missed peak ~~improper integratio~~

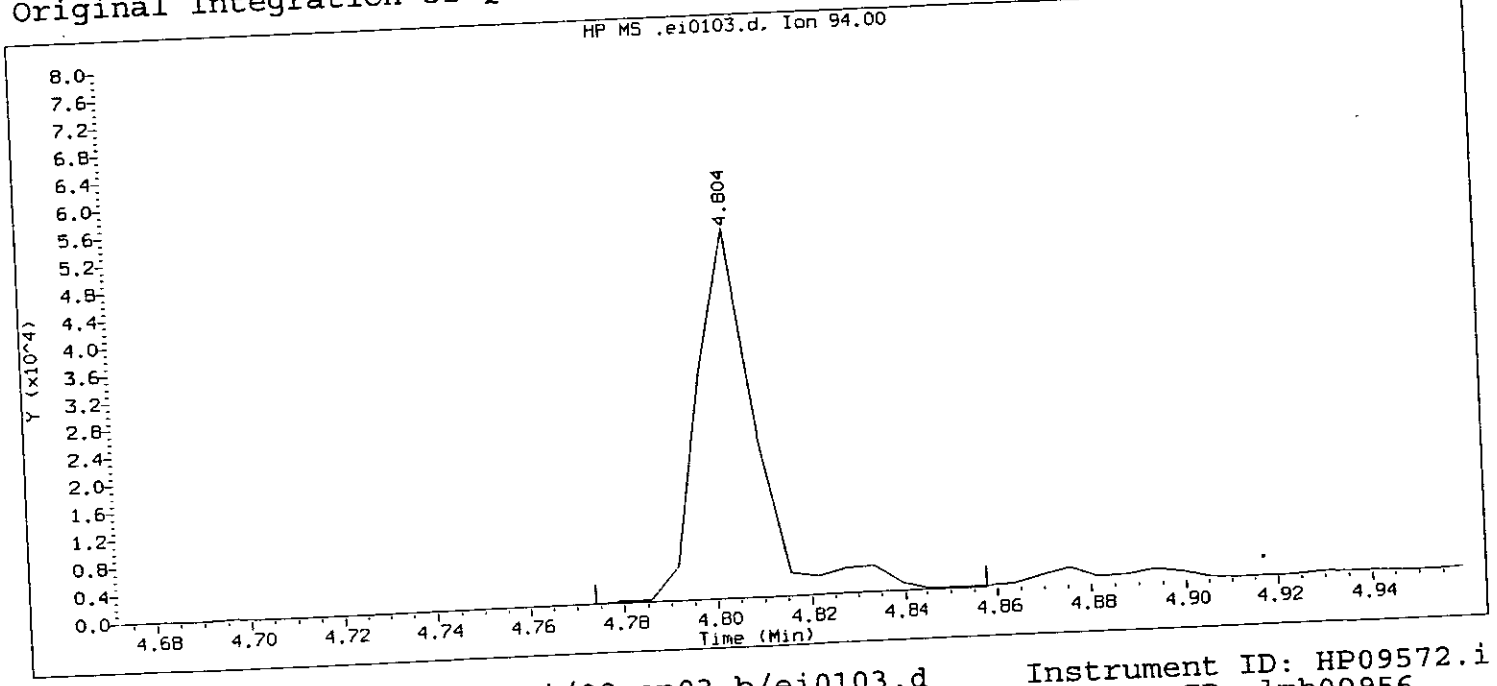
Analyst responsible for change: lmh 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sample Name: SSTD005

Lab Sample ID: STD2478

Compound Number	: 16
Compound Name	: Phenol
Scan Number	: 422
Retention Time (minutes)	: 4.804
Quant Ion	: 94
Area	: 46702
Concentration (ng/ul)	: 9.5037
Integration start scan	: 416
Y at integration start	: 0

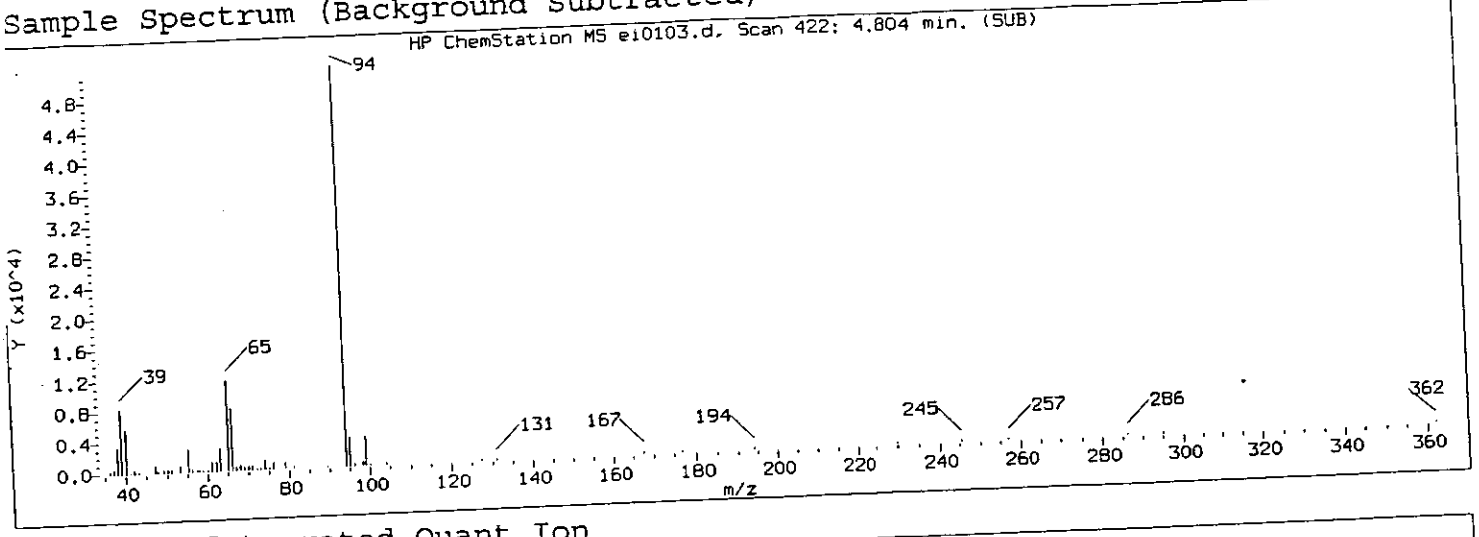
Integration stop scan: 430
Y at integration end: 0

lmh 09/03/08

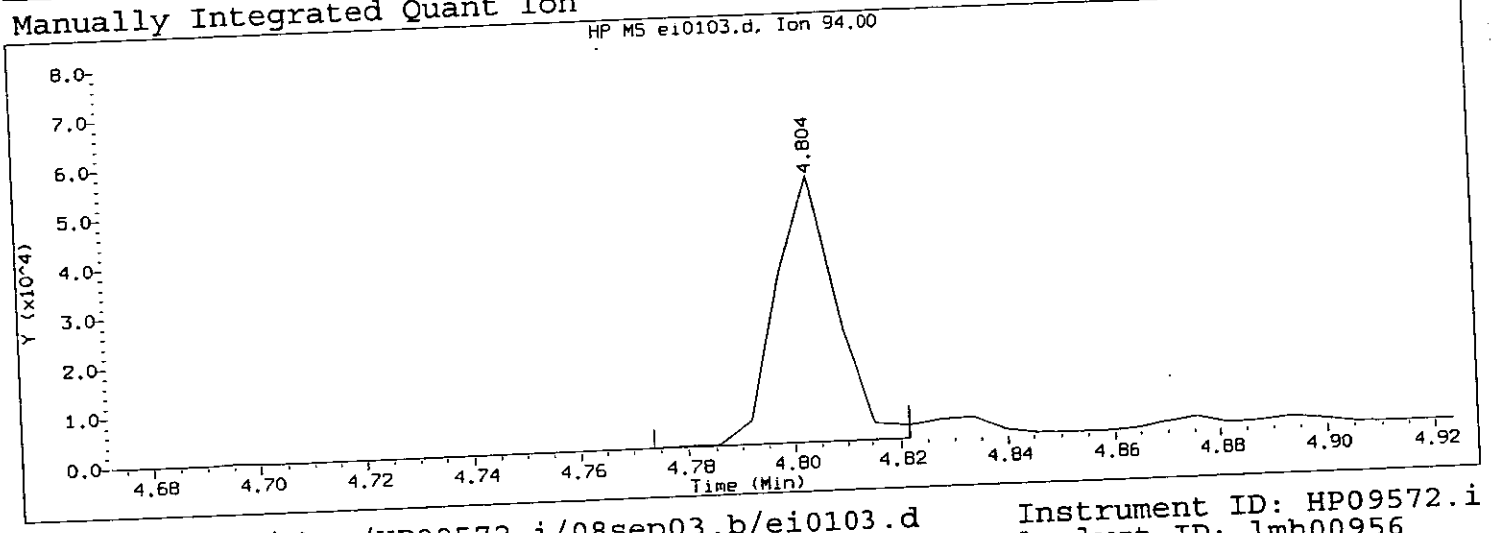
ASX04 0244

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD005

Lab Sample ID: STD2478

Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	422
Retention Time (minutes)	:	4.804
Quant Ion	:	94
Area (flag)	:	43435 M
Concentration (ng/ul)	:	5.0000
Integration start scan	:	416
Y at integration start	:	0

Integration stop scan: 424
Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

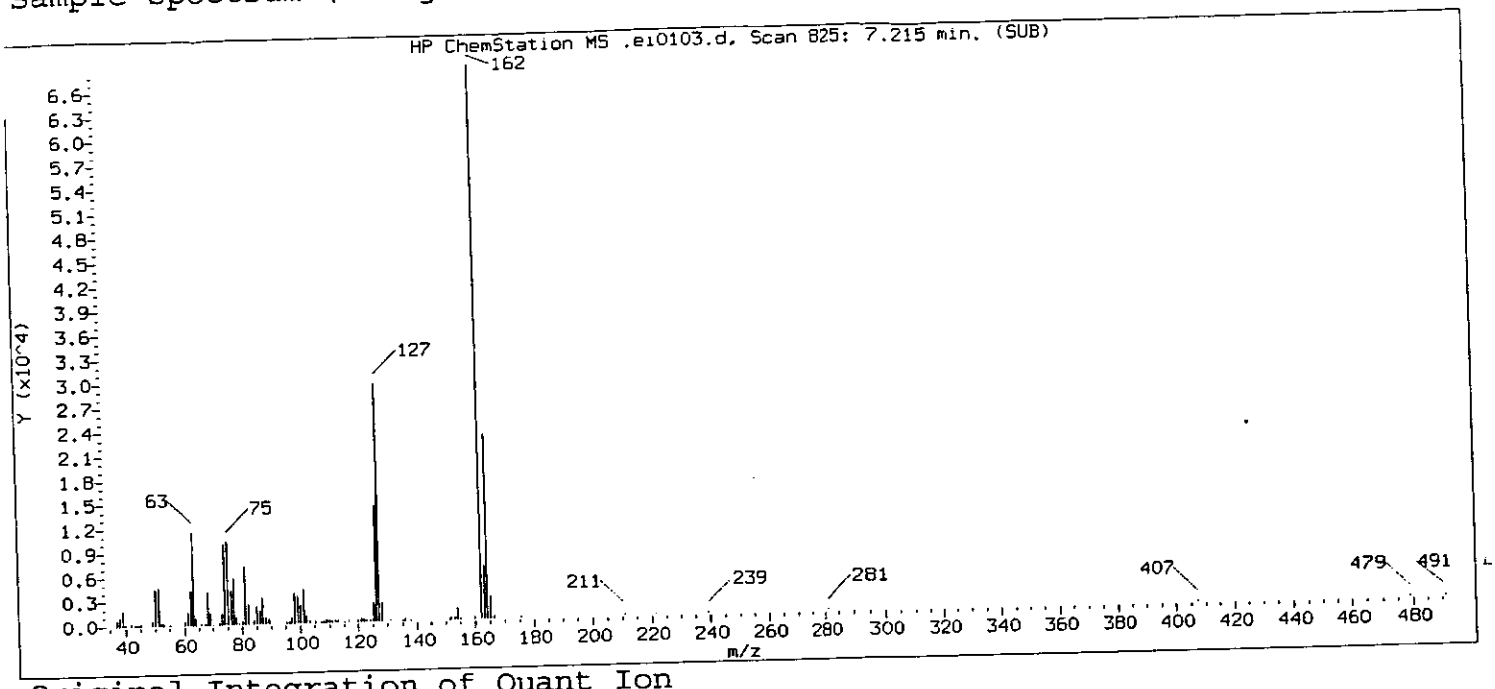
Analyst responsible for change: lmh1956 09/03/08

GC/MS audit/management approval: BBuyno 9/5/08

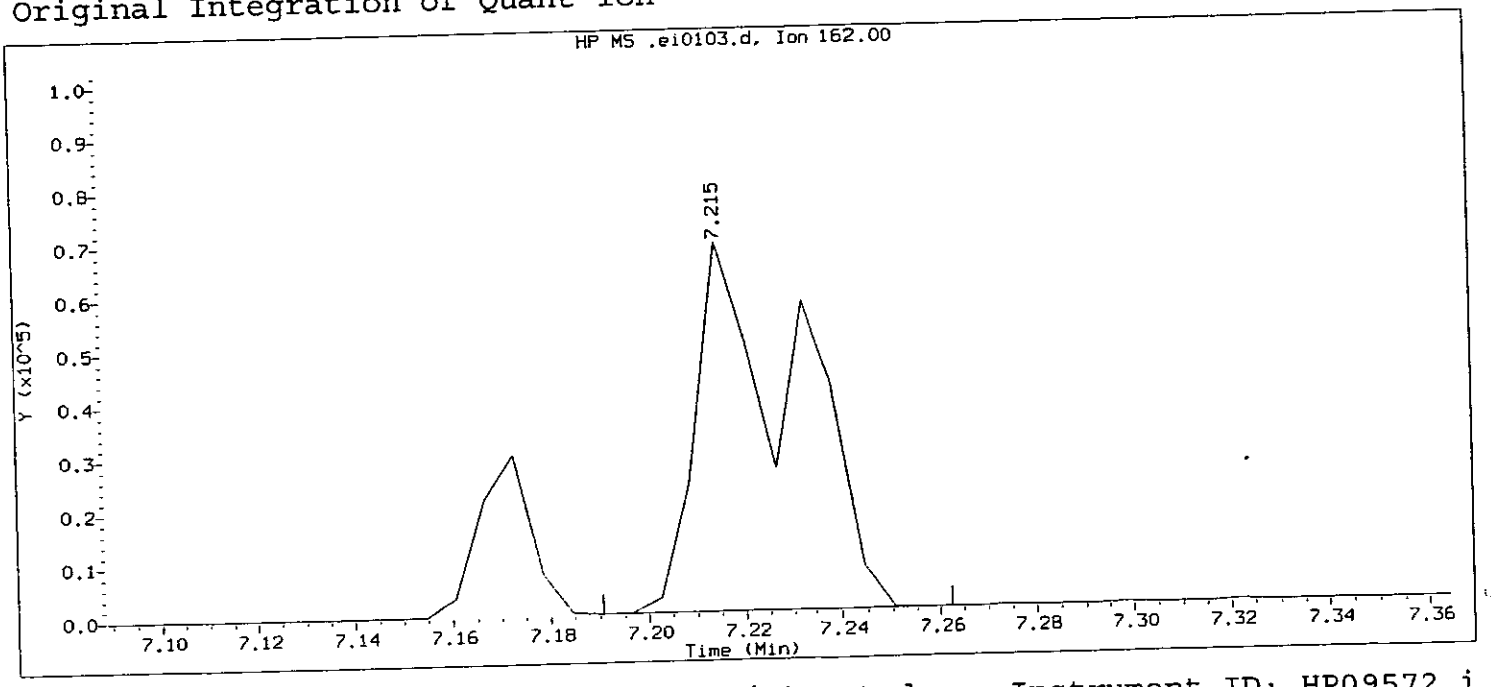
0245

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sample Name: SSTD005

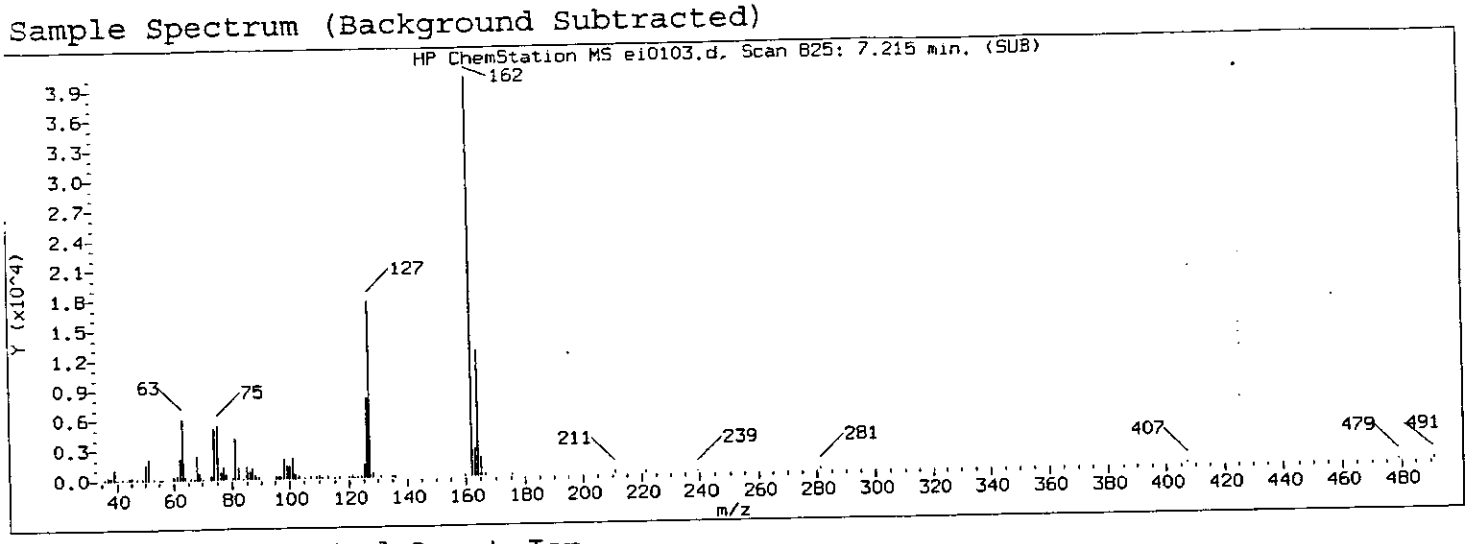
Lab Sample ID: STD2478

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.215
Quant Ion : 162
Area : 100958
Concentration (ng/ul) : 9.4903
Integration start scan : 820
Integration stop scan: 832
Y at integration start : 0
Y at integration end: 0

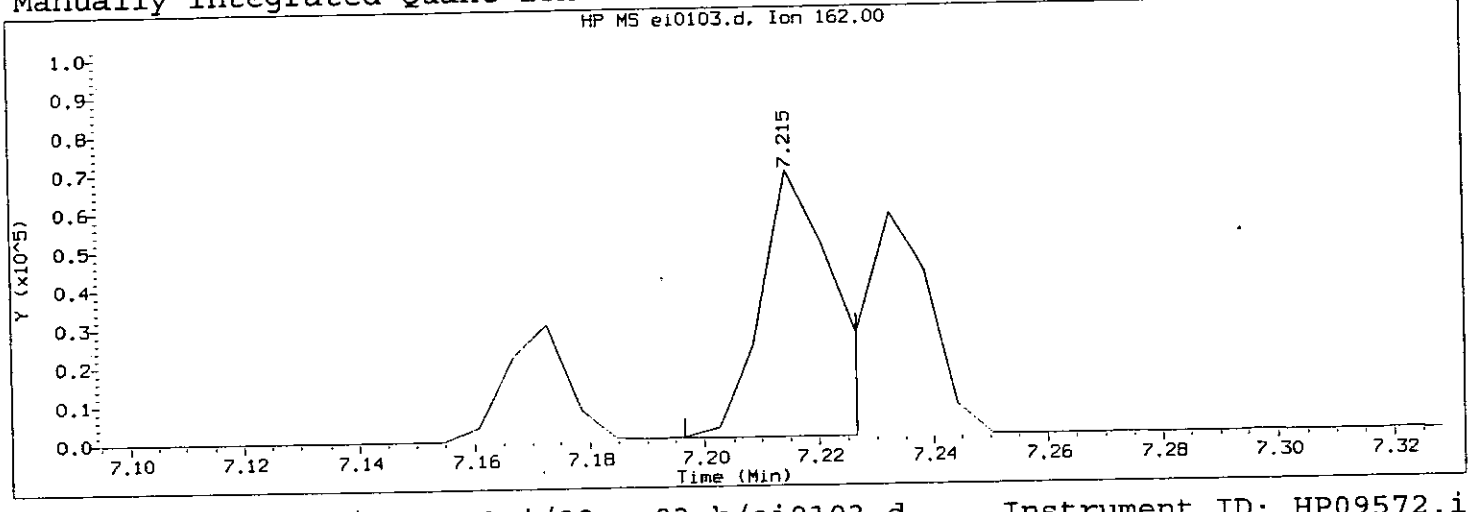
lmh198 09/03/08 ASXB4 8246

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD005

Lab Sample ID: STD2478

Compound Number	:	84
Compound Name	:	2-Chloronaphthalene
Scan Number	:	825
Retention Time (minutes)	:	7.215
Quant Ion	:	162
Area (flag)	:	61764 M
Concentration (ng/ul)	:	5.0000
Integration start scan	:	821
Y at integration start	:	55

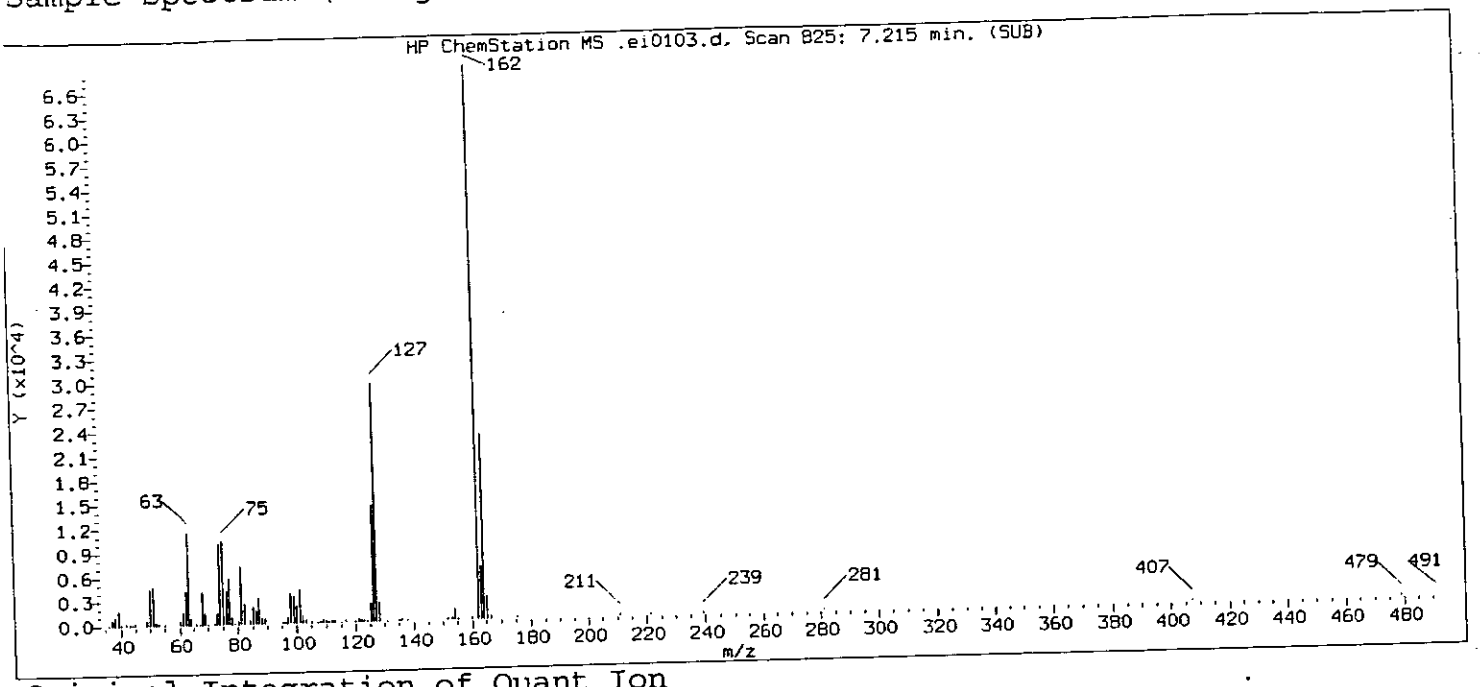
Integration stop scan: 826.
Y at integration end: 55

Reason for manual integration (circle one): missed peak improper integration

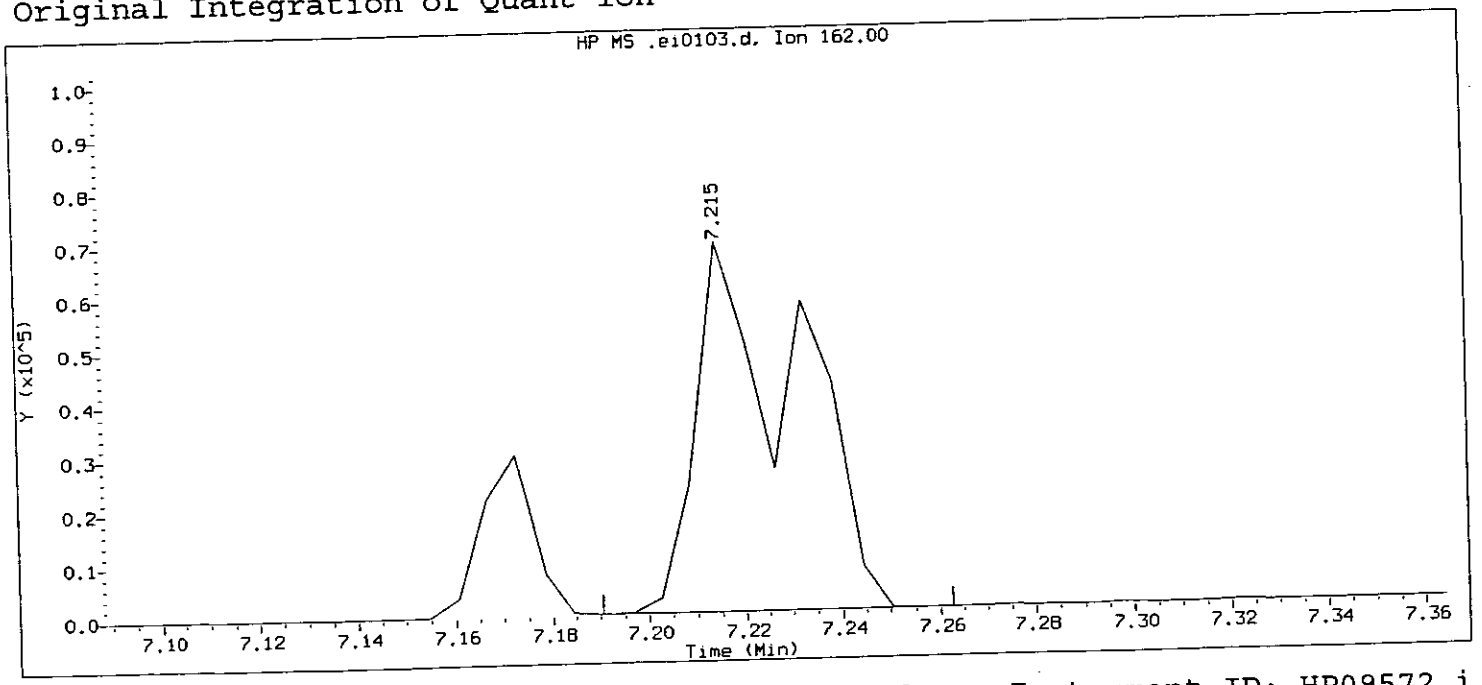
Analyst responsible for change: mn198 09/03/08

GC/MS audit/management approval: BROWN05 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sublist used: all1

Sample Name: SSTD005

Lab Sample ID: STD2478

Compound Number	: 85
Compound Name	: 1-Chloronaphthalene
Scan Number	: 825
Retention Time (minutes)	: 7.215
Quant Ion	: 162
Area	: 100958
Concentration (ng/ul)	: 9.4903
Integration start scan	: 820
Y at integration start	: 0

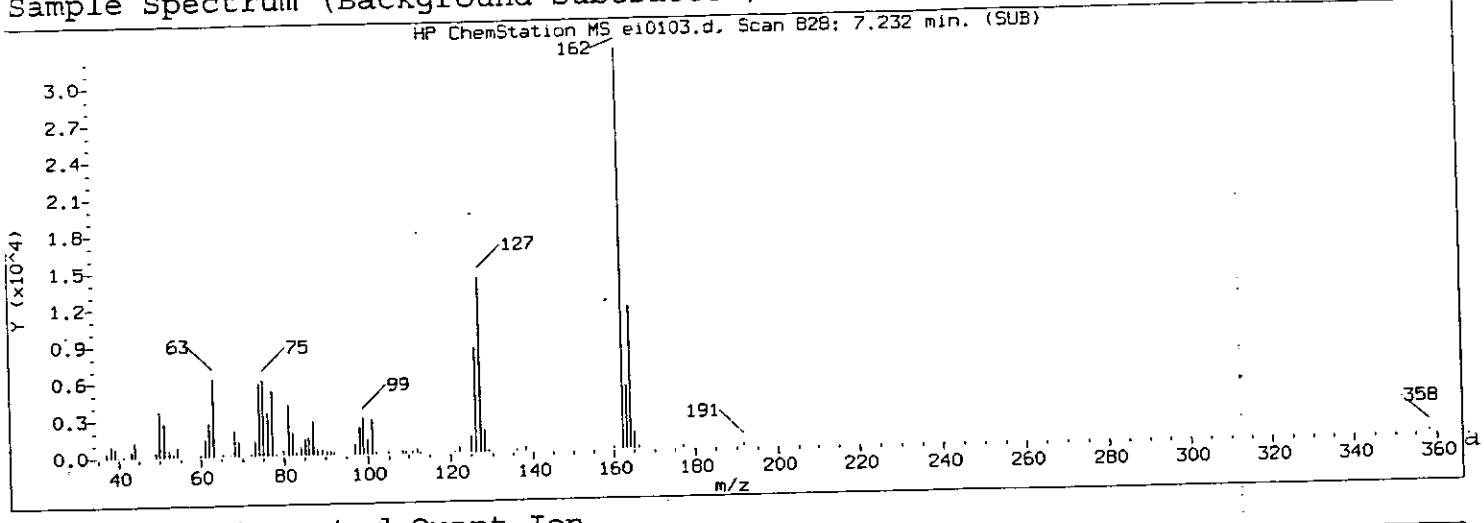
Integration stop scan: 832
Y at integration end: 0

lmh198 09/03/08

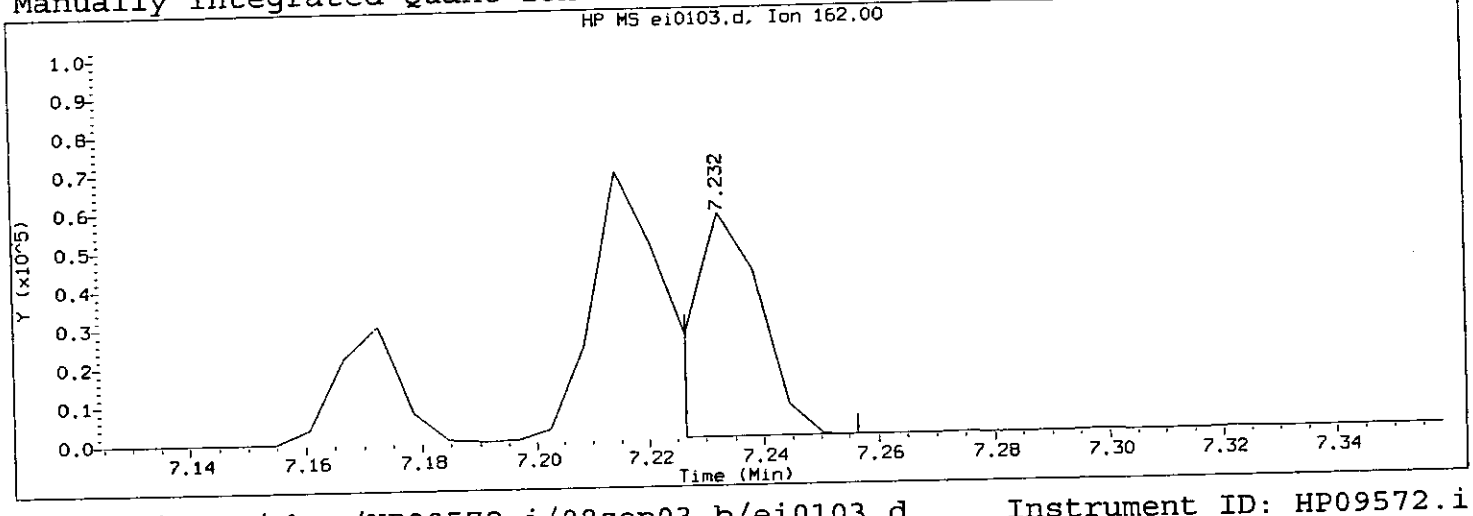
ASX84 0248

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

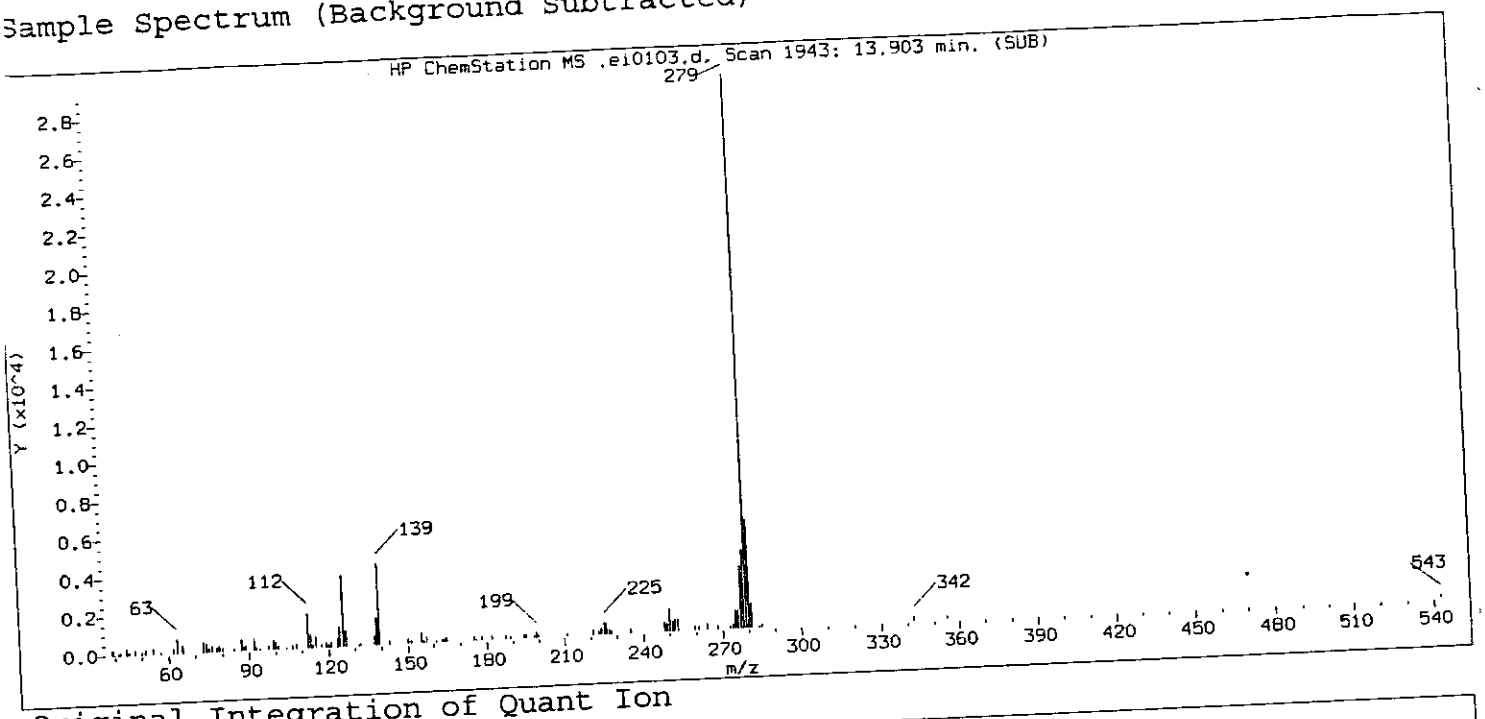
Compound Number	: 85
Compound Name	: 1-Chloronaphthalene
Scan Number	: 828
Retention Time (minutes)	: 7.232
Quant Ion	: 162
Area (flag)	: 48759 M
Concentration (ng/ul)	: 5.0000
Integration start scan	: 826
Integration stop scan	: 831
Y at integration start	: -69
Y at integration end	: -69

Reason for manual integration (circle one): missed peak improper integration

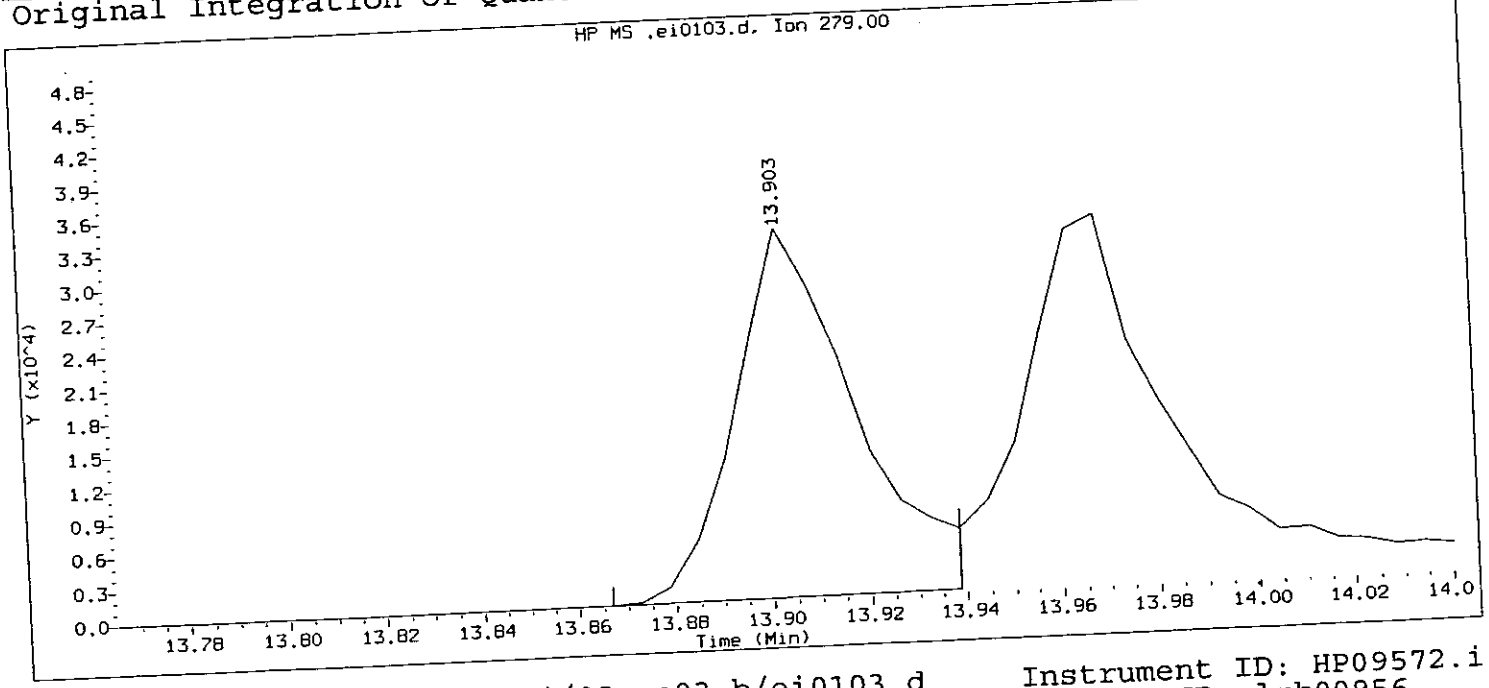
Analyst responsible for change: lmh19956 09/03/08

GC/MS audit/management approval: [illegible] 9/8/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sublist used: all1

Lab Sample ID: STD2478

Sample Name: SSTD005

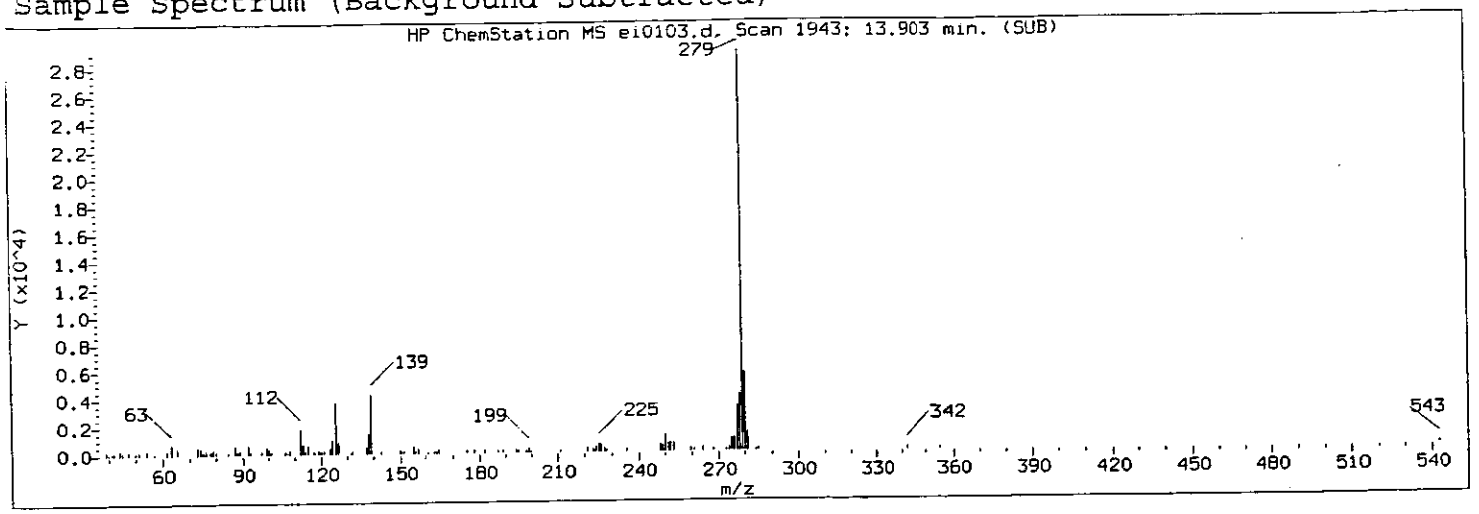
Compound Number	: 178
Compound Name	: Dibenz(a,h)acridine
Scan Number	: 1943
Retention Time (minutes)	: 13.903
Quant Ion	: 279
Area	: 55779
Concentration (ng/ul)	: 9.5562
Integration start scan	: 1936
Y at integration start	: 0

Integration stop scan: 1948
Y at integration end: 180

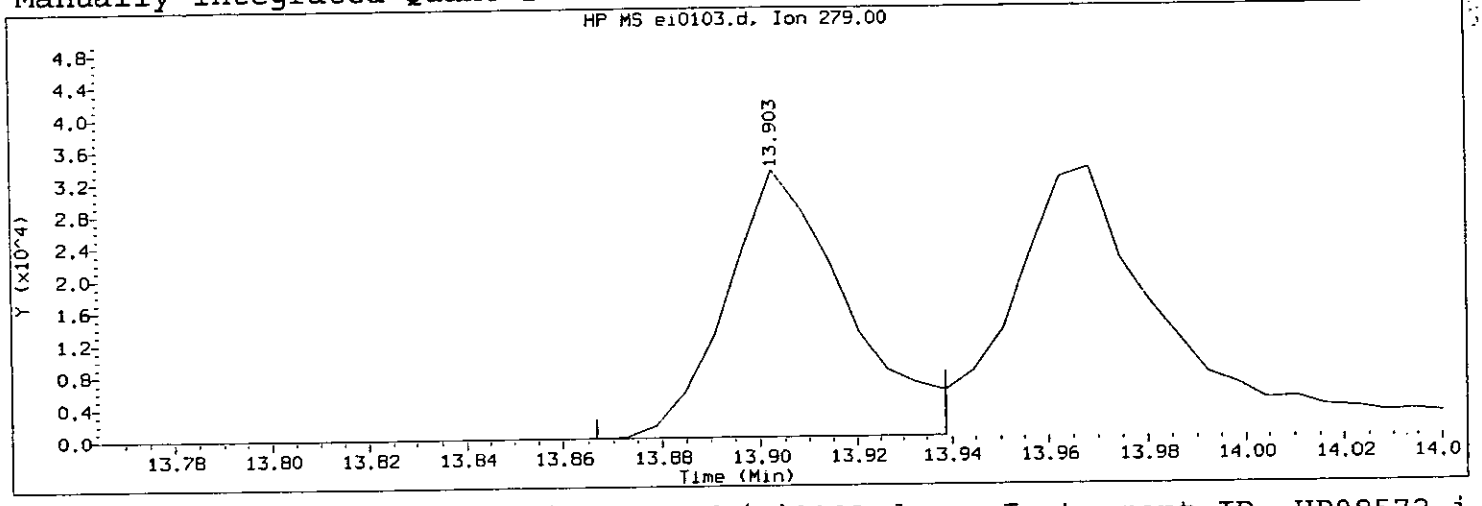
lmh198 09/03/08 ASX04 0250

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 20:43 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005 Lab Sample ID: STD2478

Compound Number	:	178
Compound Name	:	Dibenz(a,h)acridine
Scan Number	:	1943
Retention Time (minutes)	:	13.903
Quant Ion	:	279
Area (flag)	:	57052 M
Concentration (ng/ul)	:	5.0000
Integration start scan	:	1936 Integration stop scan: 1948
Y at integration start	:	26 Y at integration end: 26

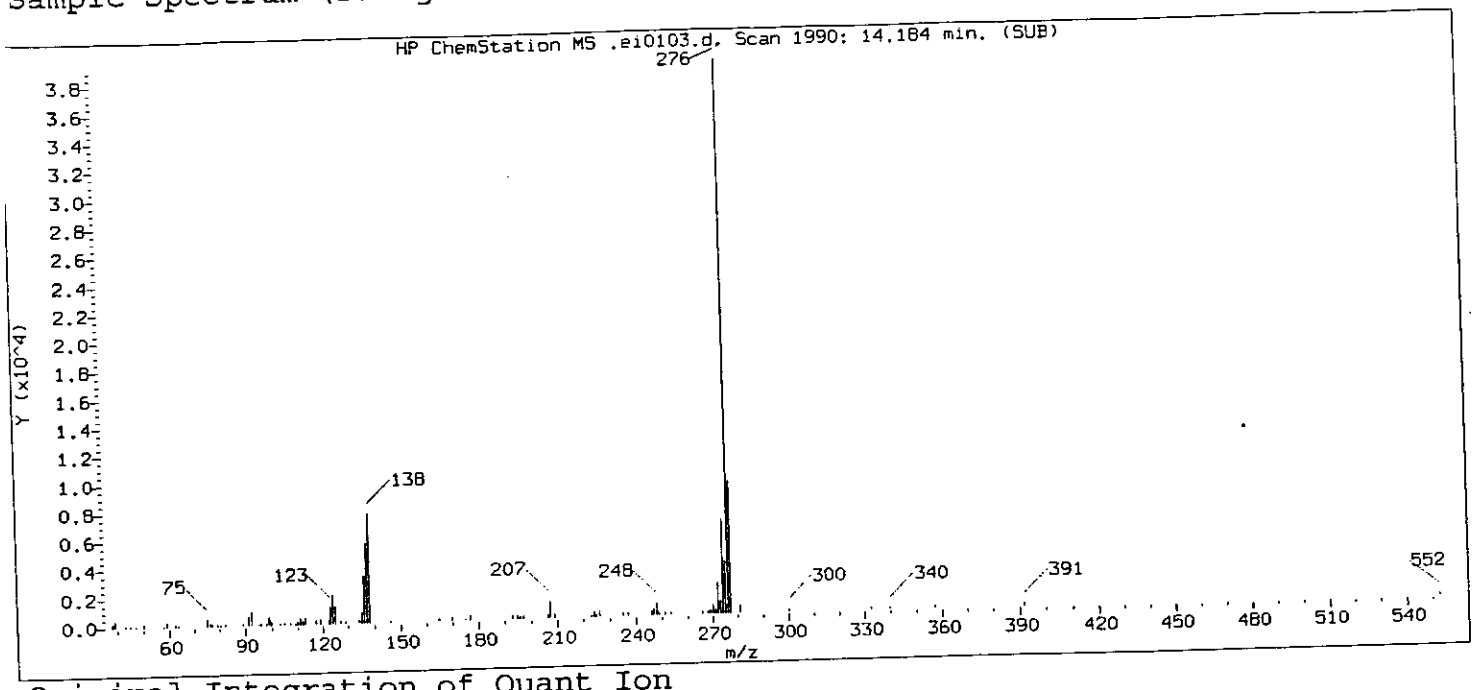
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/03/08

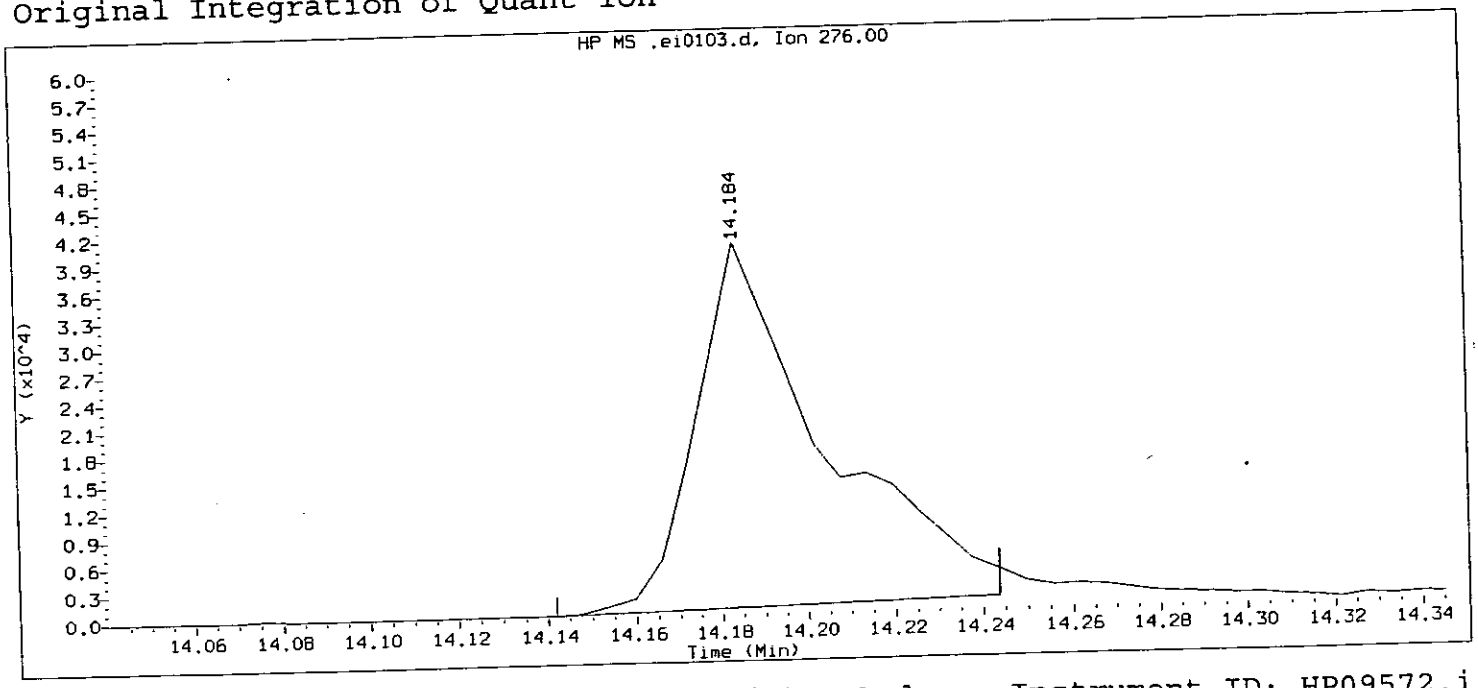
GC/MS audit/management approval: [illegible] 9/8/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sublist used: all1

Sample Name: SSTD005

Lab Sample ID: STD2478

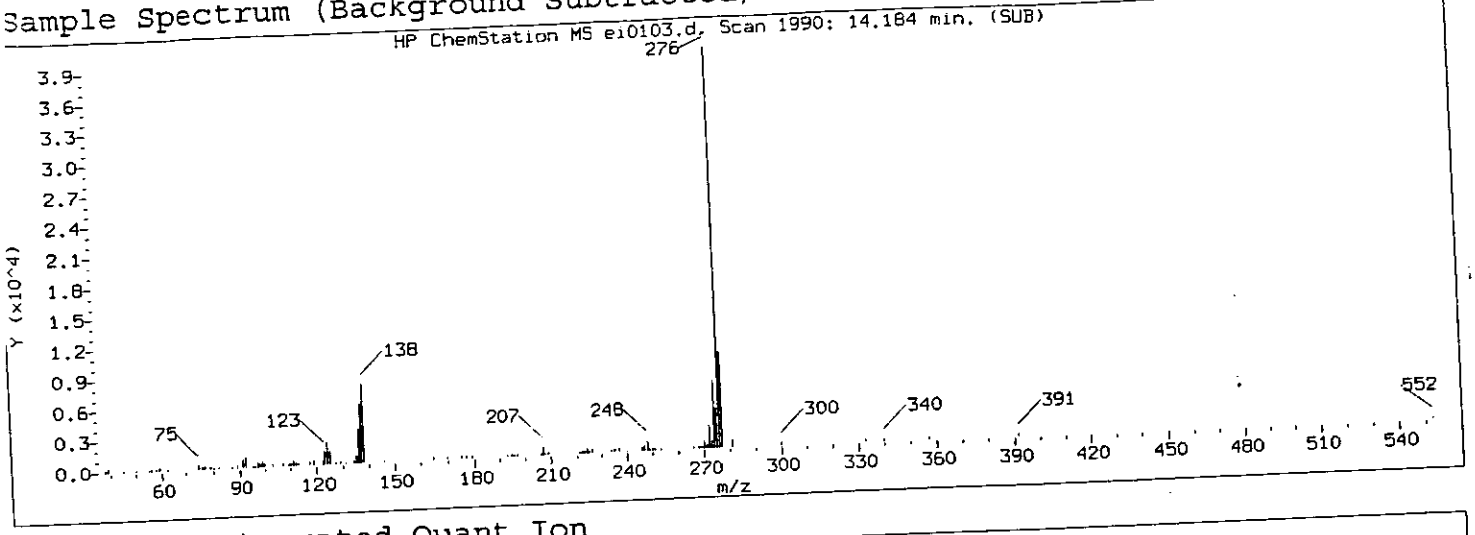
Compound Number	:	180
Compound Name	:	Indeno(1,2,3-cd)pyrene
Scan Number	:	1990
Retention Time (minutes)	:	14.184
Quant Ion	:	276
Area	:	82471
Concentration (ng/ul)	:	9.5642
Integration start scan	:	1982
Y at integration start	:	0

Integration stop scan: 1999
Y at integration end: 1146

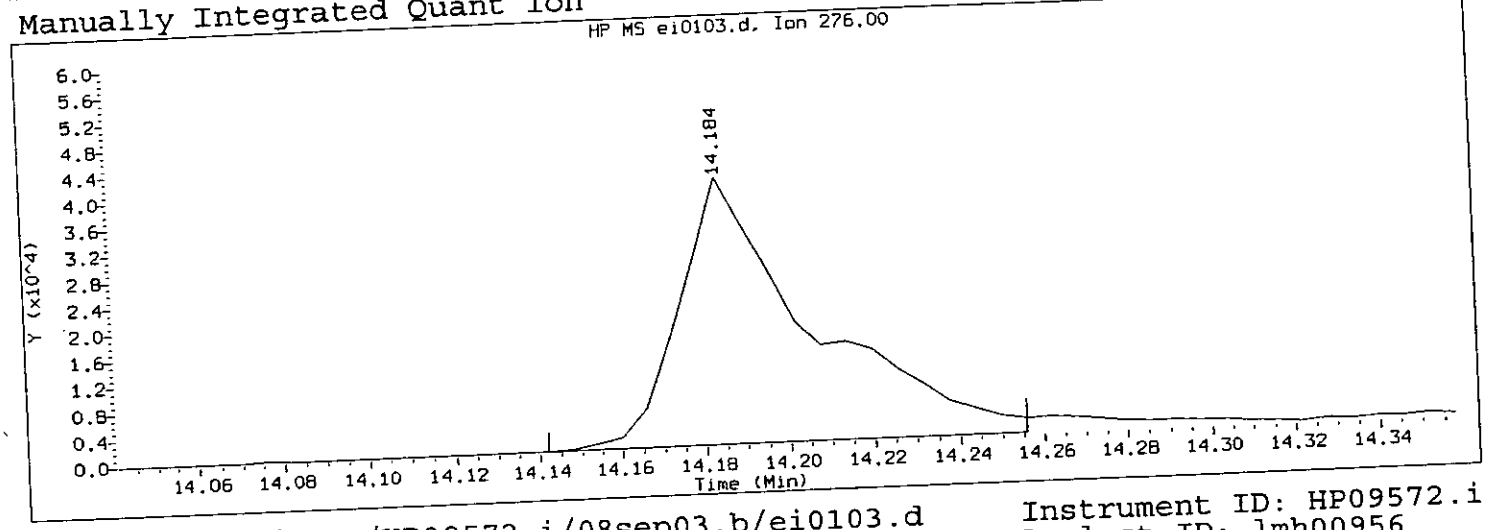
lmh1958 09/03/08 ASX04*0252

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0103.d
Injection date and time: 03-SEP-2008 20:43

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

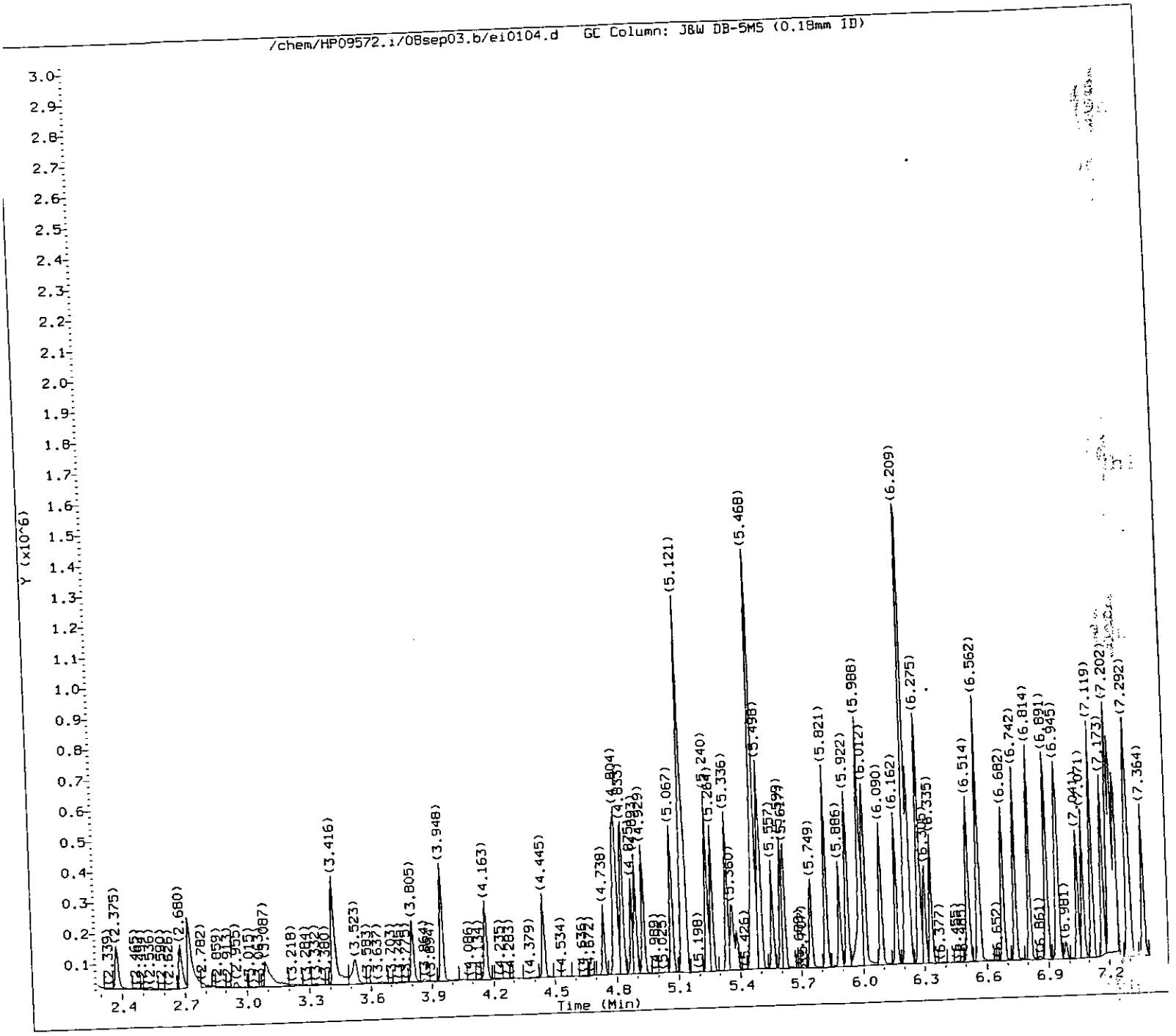
Compound Number	: 180
Compound Name	: Indeno(1,2,3-cd)pyrene
Scan Number	: 1990
Retention Time (minutes)	: 14.184
Quant Ion	: 276
Area (flag)	: 88569 M
Concentration (ng/ul)	: 5.0000
Integration start scan	: 1982
Y at integration start	: -8

Integration stop scan: 2001
Y at integration end: -8

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH198 09/03/08

GC/MS audit/management approval: [illegible] 9/8/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

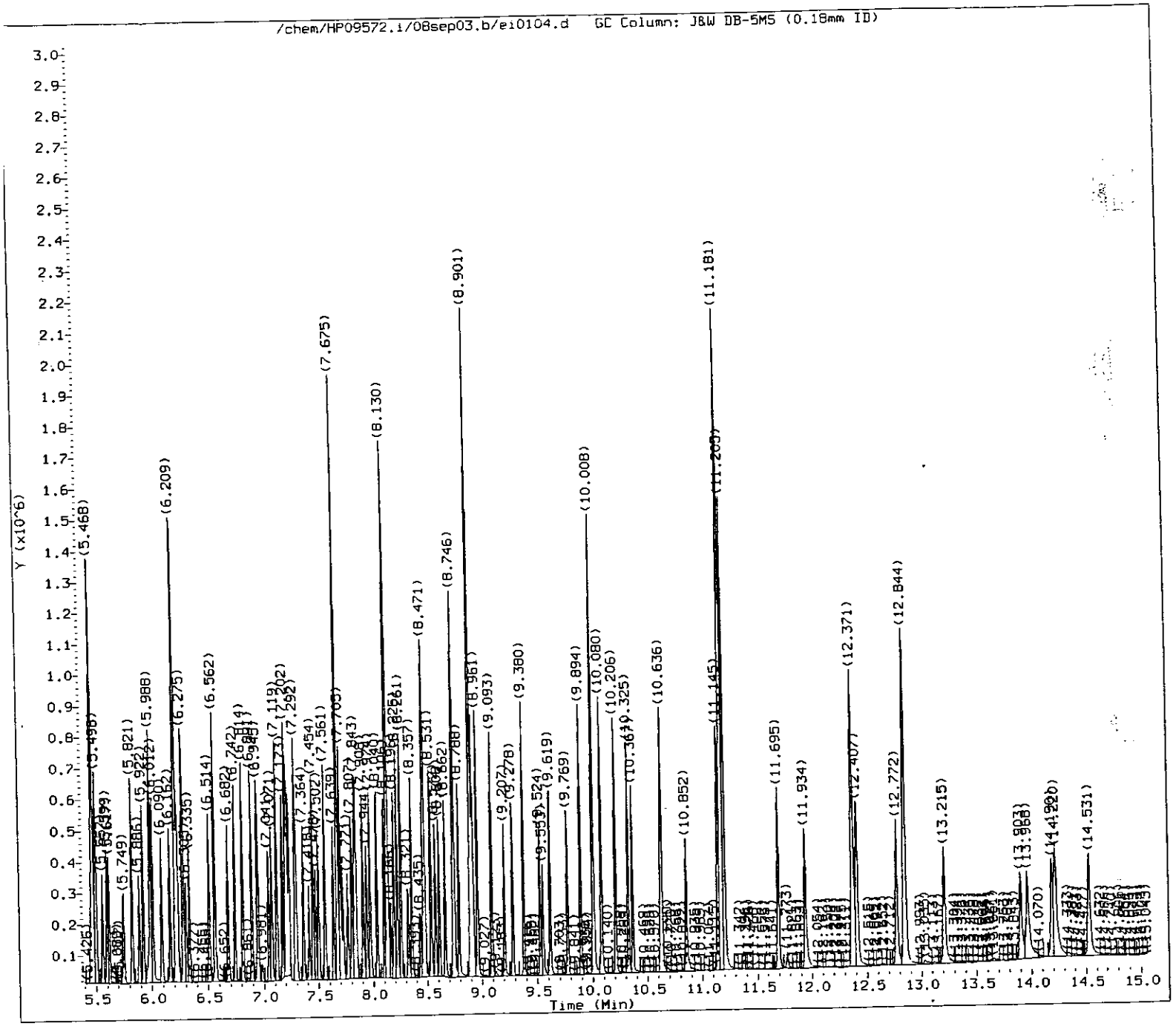
Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD015

Lab Sample ID: STD2478

ASX84 0254



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD015

Lab Sample ID: STD2478

ASX84 0255

LMM198 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD015

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	55174	15.4065
2) N-Nitrosodimethylamine	(1)	2.680	74	80586	15.2820
3) Pyridine	(1)	2.716	79	143107	16.3616
13) Aniline	(1)	4.833	93	176244	15.7008
16) Phenol	(1)	4.804	94	130279	15.6441
18) bis(2-Chloroethyl)ether	(1)	4.893	93	106499	15.8548
19) 2-Chlorophenol	(1)	4.929	128	73803	15.3821
20) 1,3-Dichlorobenzene	(1)	5.067	146	75271	15.4813
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	120857	40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	76184	15.1866
24) Benzyl alcohol	(1)	5.240	108	66365	16.1197
25) 1,2-Dichlorobenzene	(1)	5.264	146	71973	15.5822
26) 2-Methylphenol	(1)	5.336	108	79733	16.1072
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.360	45	97789	15.1075
28) bis(2-Chloroisopropyl)ether	(1)	5.360	45	97789	15.1075
30) Acetophenone	(1)	5.468	105	135771	15.4629
31) N-Nitroso-di-n-propylamine	(1)	5.474	70	96502	15.3292
33) 4-Methylphenol	(1)	5.468	108	93075	16.0296
34) o-Toluidine	(1)	5.498	106	155118	15.4880
37) Hexachloroethane	(1)	5.557	117	32482	15.7321
39) Nitrobenzene	(2)	5.617	77	130972	15.2348
41) Isophorone	(2)	5.821	82	236315	15.2953
43) 2-Nitrophenol	(2)	5.886	139	37527	15.8211
45) 2,4-Dimethylphenol	(2)	5.922	107	92656	15.4449
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	121524	14.6109
48) Benzoic acid	(2)	6.000	105	153645	32.1747
50) 2,4-Dichlorophenol	(2)	6.090	162	59129	15.1822
51) 1,2,4-Trichlorobenzene	(2)	6.162	180	61787	16.1546
53) Naphthalene-d8	(2)	6.215	136	556384	40.0000
54) Naphthalene	(2)	6.227	128	216926	15.2846
56) 4-Chloroaniline	(2)	6.275	127	93793	15.5855
57) 2,6-Dichlorophenol	(2)	6.281	162	60924	15.6597
60) Hexachlorobutadiene	(2)	6.335	225	33231	15.3400
63) Caprolactam	(2)	6.568	113	33136	15.5572
68) 4-Chloro-3-methylphenol	(2)	6.682	107	84100	15.9132
70) 2-Methylnaphthalene	(2)	6.814	142	145529	15.3041
71) 1-Methylnaphthalene	(2)	6.897	142	145402	15.3988
72) Hexachlorocyclopentadiene	(3)	6.939	237	33255	16.0617
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	63593	14.9510
75) 2,4,6-Trichlorophenol	(3)	7.047	196	44317	15.4607
77) 2,4,5-Trichlorophenol	(3)	7.071	196	49684	15.3862
81) Biphenyl	(3)	7.202	154	184519	15.1732
82) Diphenyl	(3)	7.202	154	184519	15.1732

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 8256

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD015

Lab Sample ID: STD2478

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83)	1,1'-Biphenyl	(3)	7.202	154	184519	15.1732
84)	2-Chloronaphthalene	(3)	7.214	162	159575	14.4191
85)	1-Chloronaphthalene	(3)	7.238	162	133638 A	14.8617
88)	Diphenyl ether	(3)	7.292	170	102778	15.5797
89)	2-Nitroaniline	(3)	7.298	138	47616	15.2521
92)	Dimethylphthalate	(3)	7.454	163	173031	15.5754
94)	2,6-Dinitrotoluene	(3)	7.502	165	36996	15.6722
95)	Acenaphthylene	(3)	7.561	152	220814	15.5987
97)	3-Nitroaniline	(3)	7.639	138	47187	16.6277
98)	Acenaphthene-d10	(3)	7.675	164	326151	40.0000
99)	Acenaphthene	(3)	7.705	153	136127	15.4946
100)	2,4-Dinitrophenol	(3)	7.729	184	34865	32.5129
101)	Pentachlorobenzene	(3)	7.807	250	62897	15.4992
103)	4-Nitrophenol	(3)	7.771	109	30828	16.4392
104)	Dibenzofuran	(3)	7.849	168	208259	15.2606
105)	2,4-Dinitrotoluene	(3)	7.831	165	50563	15.7507
106)	1-Naphthylamine	(3)	7.908	143	149805	15.3979
107)	2,3,4,6-Tetrachlorophenol	(3)	7.944	232	38490	15.0578
108)	2-Naphthylamine	(3)	7.974	143	151569	15.9350
109)	Diethylphthalate	(3)	8.040	149	164067	15.4306
111)	Fluorene	(3)	8.130	166	164790	14.9003
112)	4-Chlorophenyl-phenylether	(3)	8.130	204	80736	15.5624
114)	4-Nitroaniline	(3)	8.142	138	51100	15.7833
115)	4,6-Dinitro-2-methylphenol	(4)	8.166	198	22376	15.5288
117)	N-Nitrosodiphenylamine	(4)	8.225	169	125233	15.4371
118)	1,2-Diphenylhydrazine	(4)	8.261	77	288932	15.4884
126)	4-Bromophenyl-phenylether	(4)	8.531	248	48137	15.3348
128)	Hexachlorobenzene	(4)	8.578	284	54312	15.7798
132)	Pentachlorophenol	(4)	8.740	266	62739	31.2351
133)	Pentachloronitrobenzene	(4)	8.746	237	21062	14.0954
136)	Phenanthrene-d10	(4)	8.901	188	599226	40.0000
138)	Phenanthrene	(4)	8.919	178	224146	15.0721
139)	Anthracene	(4)	8.961	178	246292	15.5821
141)	Carbazole	(4)	9.093	167	241128	15.3725
143)	Di-n-butylphthalate	(4)	9.380	149	276401	15.5439
148)	Fluoranthene	(4)	9.894	202	268375	15.8216
153)	Benzidine	(5)	10.008	184	451382	51.0584
155)	Pyrene	(5)	10.080	202	275843	15.5669
162)	Butylbenzylphthalate	(5)	10.636	149	128859	16.2211
165)	3,3'-Dichlorobenzidine	(5)	11.145	252	97862	16.1165
166)	4,4'-Methylenebis(2-Chloroanil	(5)	11.151	231	46119	16.2037
167)	Benzo(a)anthracene	(5)	11.169	228	276907	15.8093
168)	Chrysene-d12	(5)	11.181	240	653453	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD015

Lab Sample ID: STD2478

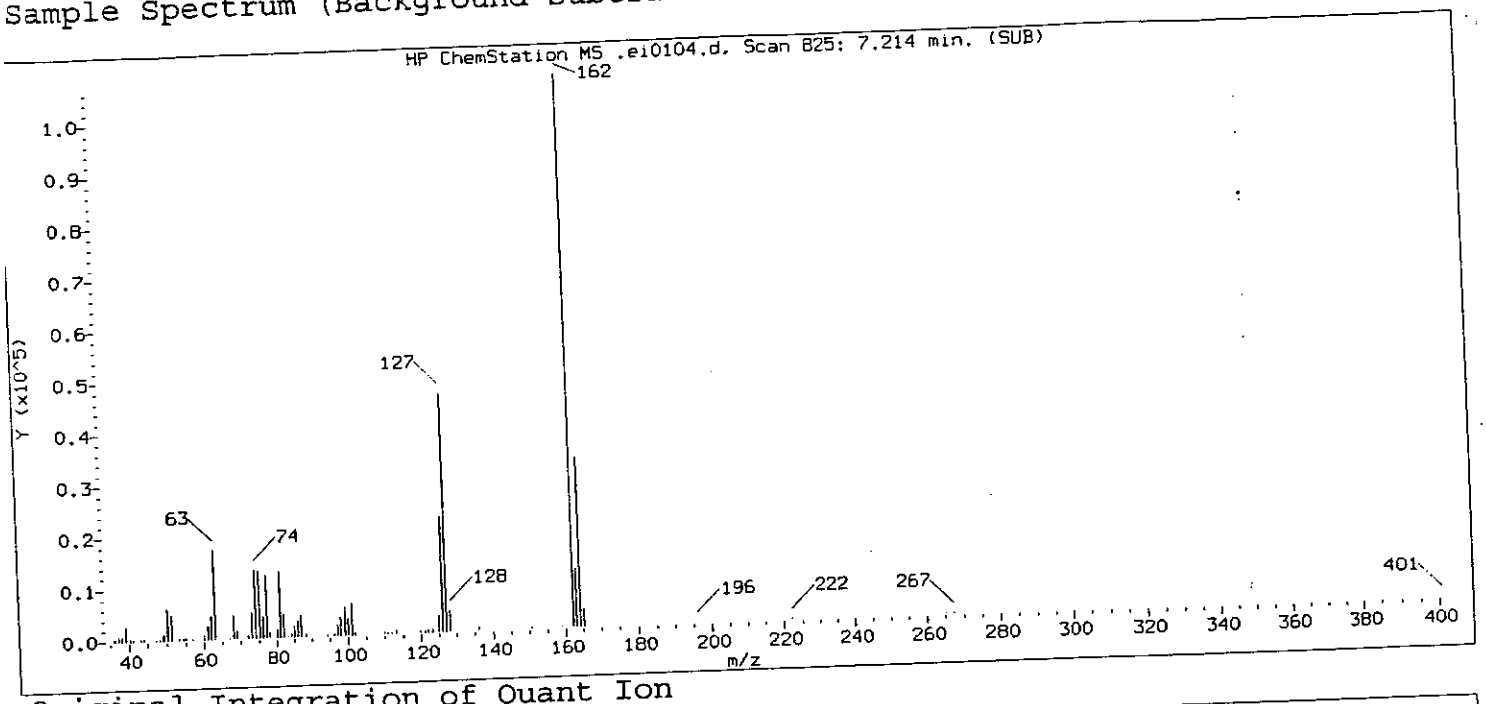
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169)	Chrysene	(5)	11.205	228	263045	14.8875
170)	bis(2-Ethylhexyl)phthalate	(5)	11.205	149	157316	15.2868
171)	Di-n-octylphthalate	(6)	11.940	149	247799	15.6618
172)	7,12-Dimethylbenz[a]anthracene	(6)	12.371	256	126685	15.8778
173)	Benzo(b)fluoranthene	(6)	12.377	252	266995	16.2979
174)	Benzo(k)fluoranthene	(6)	12.413	252	273517	16.1133
175)	Benzo(a)pyrene	(6)	12.772	252	226837	16.2394
176)	Perylene-d12	(6)	12.844	264	488168	40.0000
177)	3-Methylcholanthrene	(6)	13.215	268	130592	15.9468
178)	Dibenz(a,h)acridine	(6)	13.903	279	174865M	15.9850
179)	Dibenz(a,j)acridine	(6)	13.968	279	195937	15.3373
180)	Indeno(1,2,3-cd)pyrene	(6)	14.190	276	270881	15.9689
181)	Dibenz(a,h)anthracene	(6)	14.220	278	223440	17.1725
182)	Benzo(g,h,i)perylene	(6)	14.531	276	227323	15.4054
9)	2-Fluorophenol	(1)	3.948	112	82940	15.8202
14)	Phenol-d5	(1)	4.792	99	129566	15.9017
15)	Phenol-d6	(1)	4.792	99	129566	15.9017
38)	Nitrobenzene-d5	(2)	5.599	82	121488	15.6114
78)	2-Fluorobiphenyl	(3)	7.119	172	166958	15.4482
119)	2,4,6-Tribromophenol	(3)	8.327	330	26917	16.3355
157)	Terphenyl-d14	(5)	10.206	244	216120	15.6511

M = Compound was manually integrated.

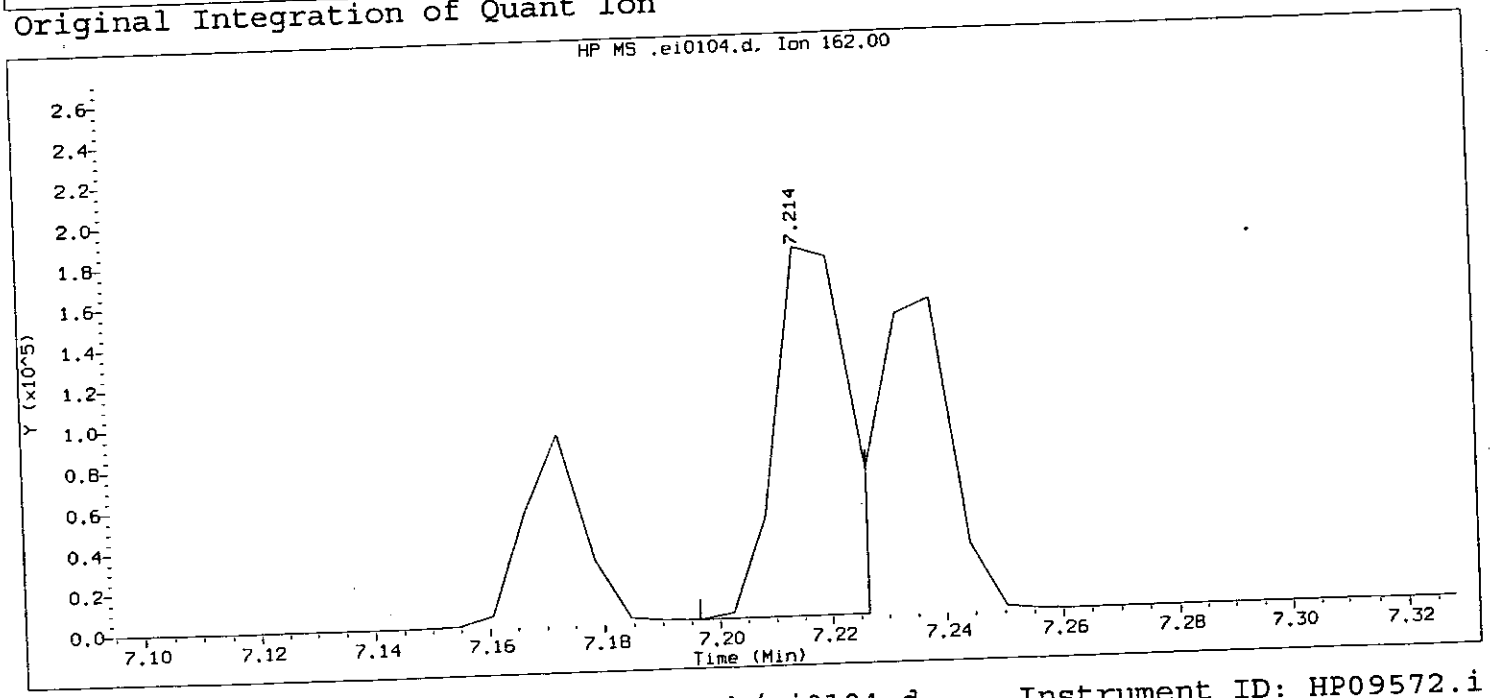
A = User selected an alternate hit

ASX04 0258

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:24

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:24 Automation

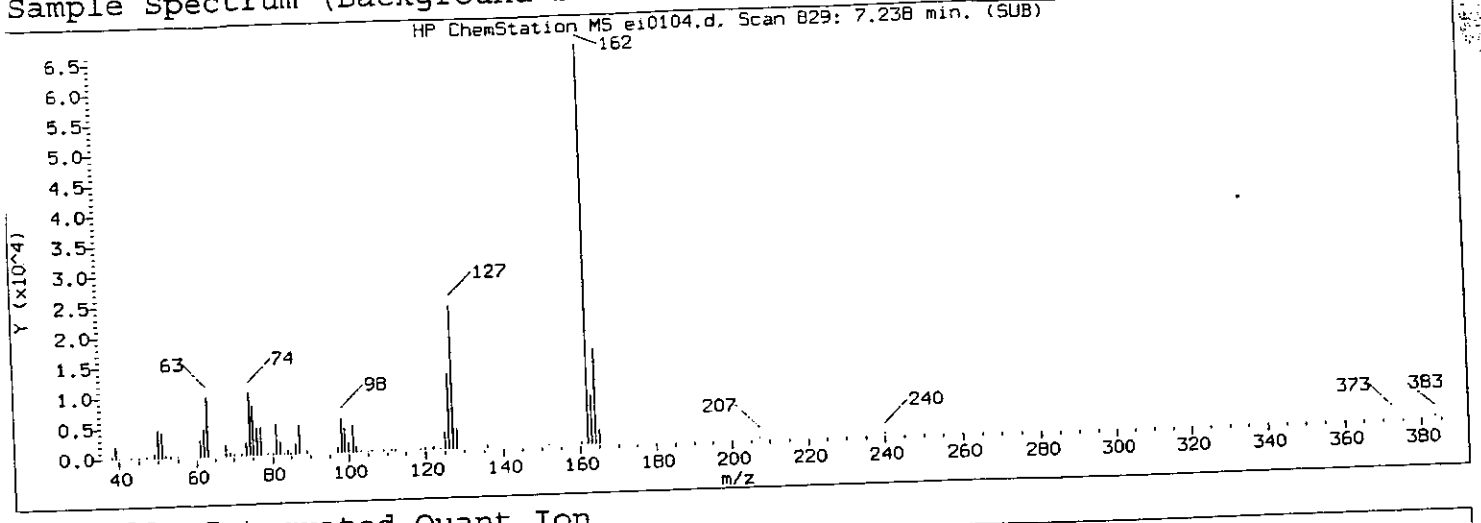
Sample Name: SSTD015

Lab Sample ID: STD2478

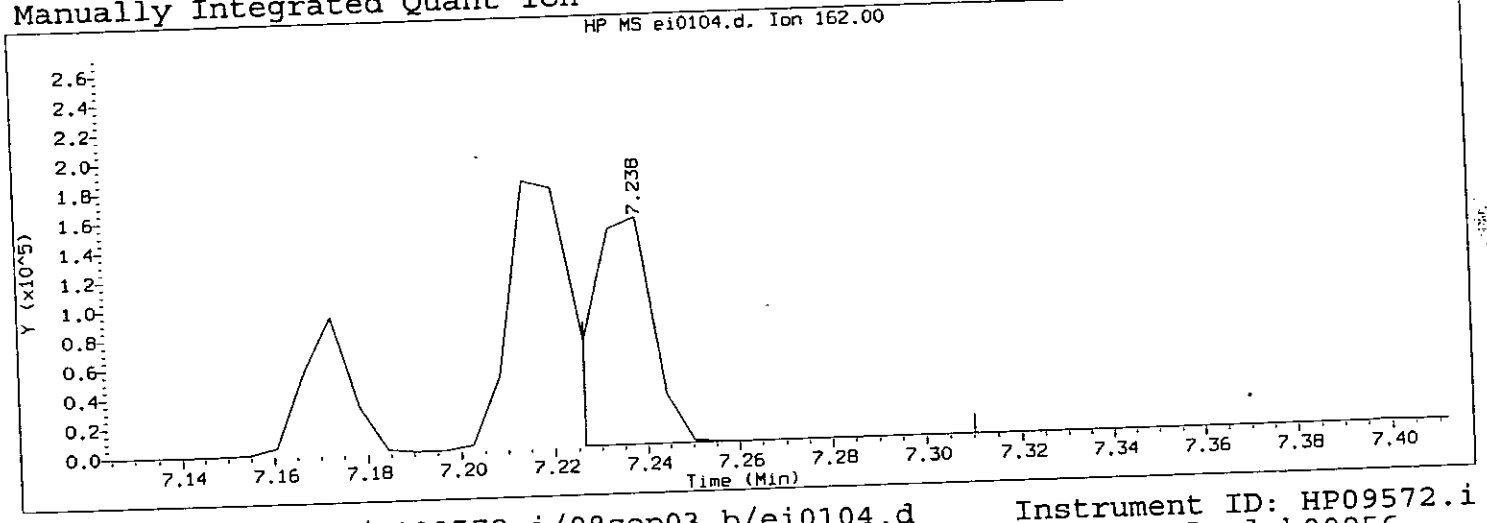
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 825
Retention Time (minutes) : 7.214
Quant Ion : 162
Area : 159575
Concentration (ng/ul) : 15.7281
Integration start scan : 821
Integration stop scan: 826
Y at integration start : 0
Y at integration end: 0

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0104.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD015

Lab Sample ID: STD2478

Compound Number	:	85
Compound Name	:	1-Chloronaphthalene
Scan Number	:	829
Retention Time (minutes)	:	7.238
Quant Ion	:	162
Area (flag)	:	133638A
Concentration (ng/ul)	:	14.8617
Integration start scan	:	826
Y at integration start	:	0

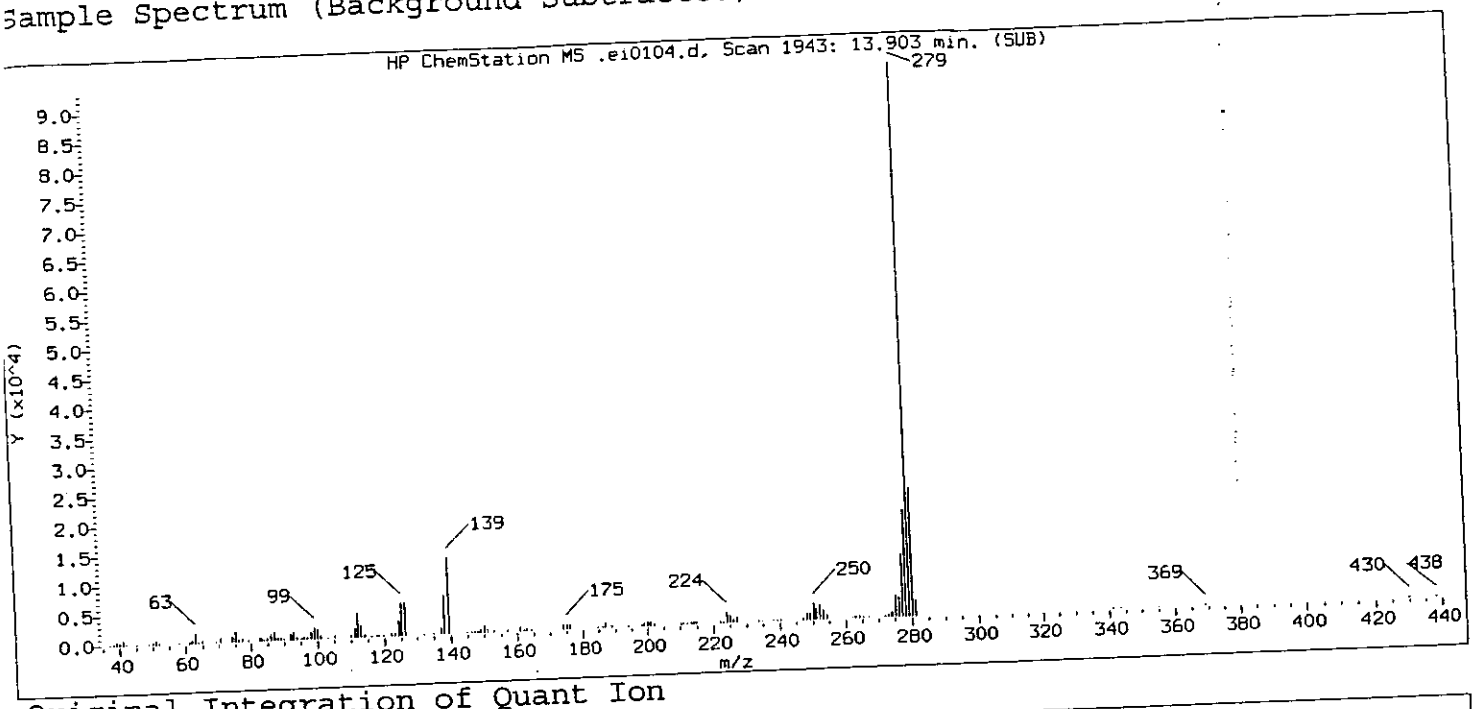
Integration stop scan: 840
Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

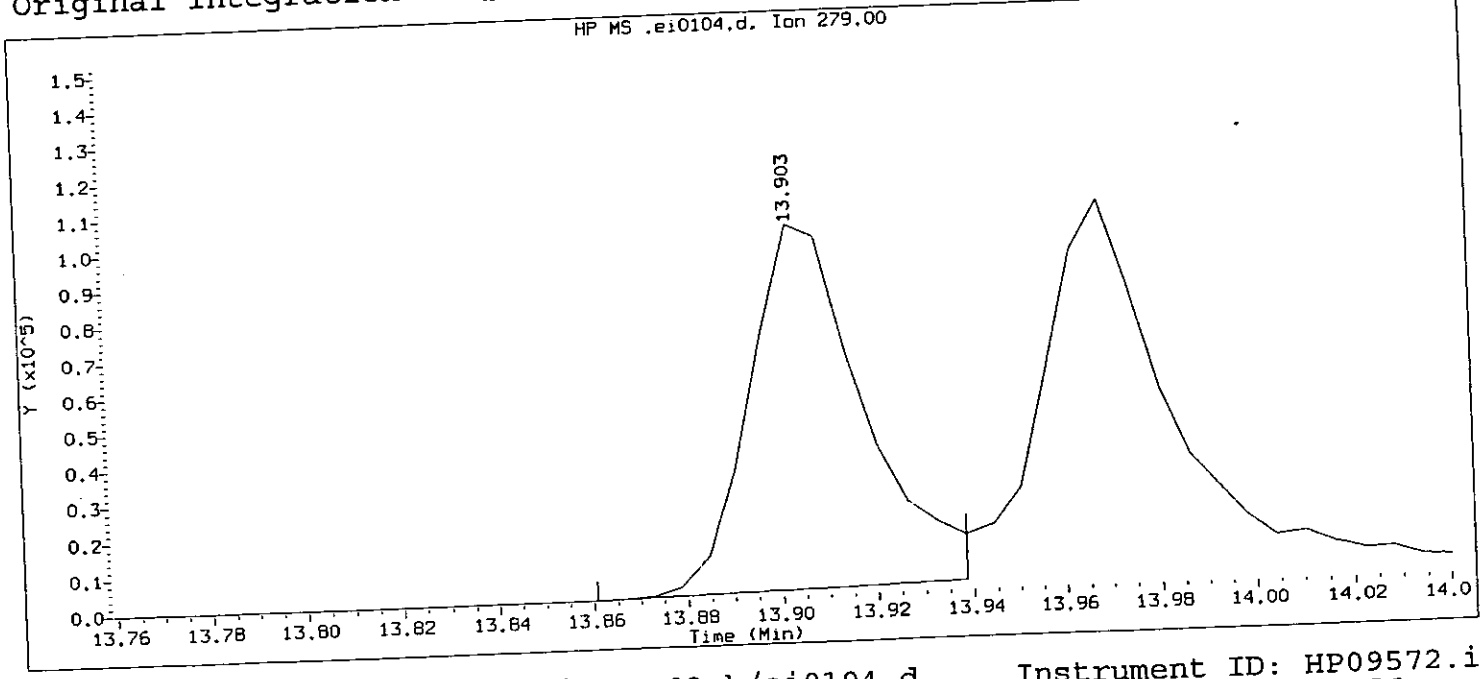
Analyst responsible for change: lmh198 09/03/08

GC/MS audit/management approval: BBmyer 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:24

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:24 Automation

Sample Name: SSTD015

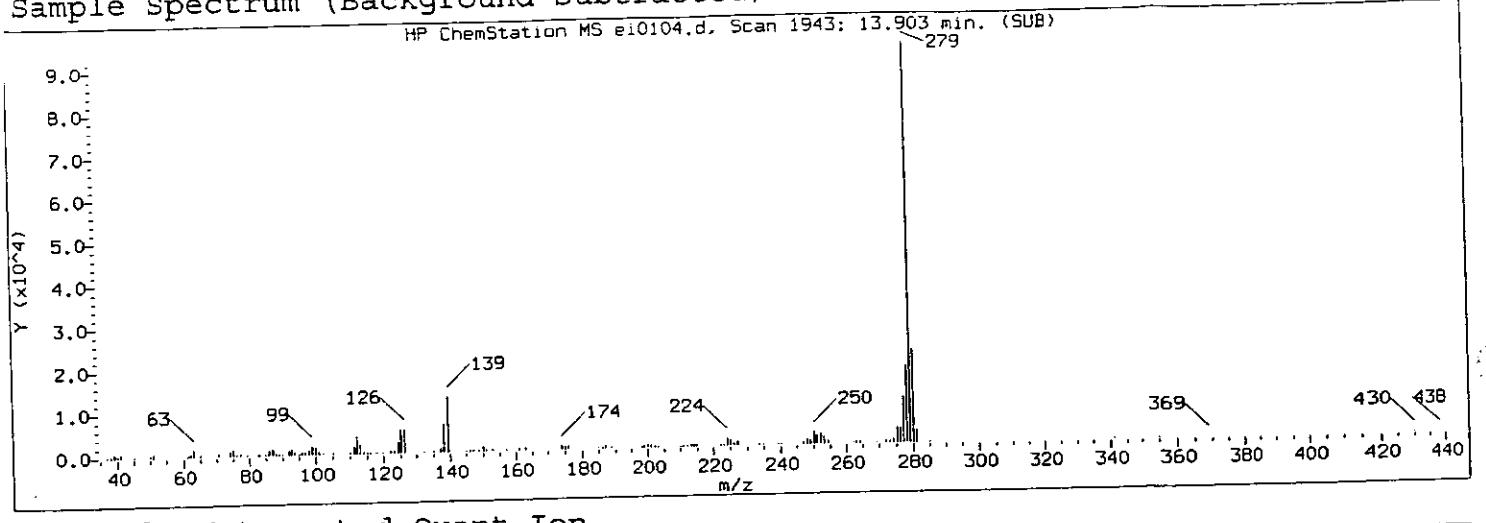
Lab Sample ID: STD2478

Compound Number	: 178
Compound Name	: Dibenz(a,h)acridine
Scan Number	: 1943
Retention Time (minutes)	: 13.903
Quant Ion	: 279
Area	: 167962
Concentration (ng/ul)	: 23.2695
Integration start scan	: 1935
Y at integration start	: 0

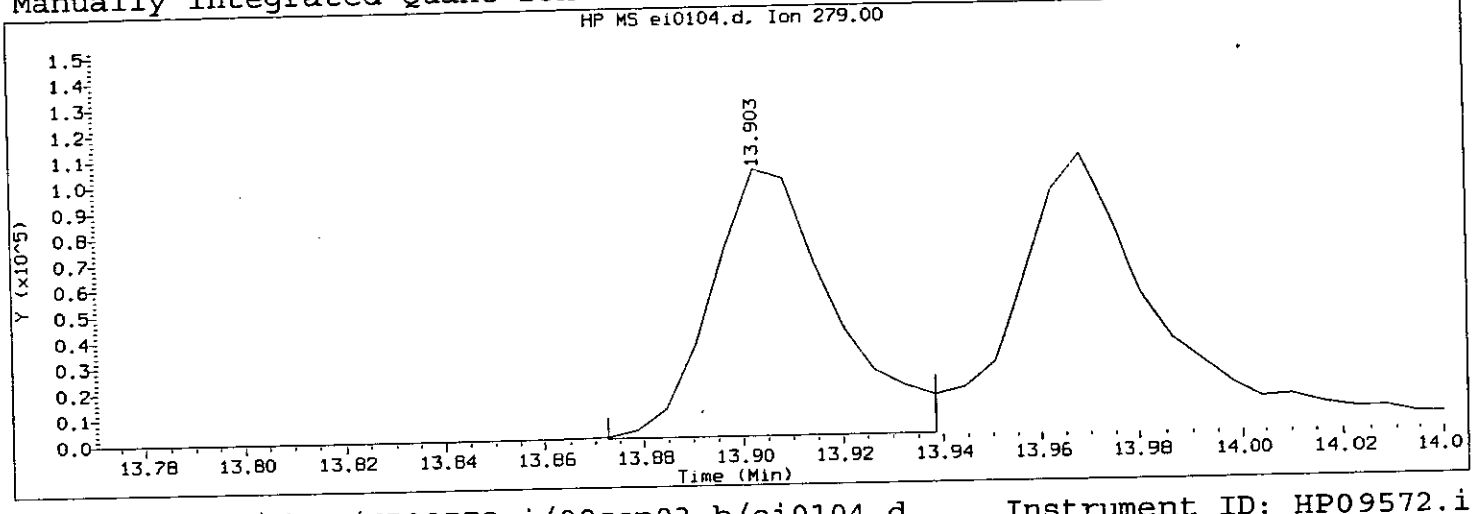
Integration stop scan: 1948
Y at integration end: 2050

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0104.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0104.d
Injection date and time: 03-SEP-2008 21:06

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sublist used: all1

Sample Name: SSTD015

Lab Sample ID: STD2478

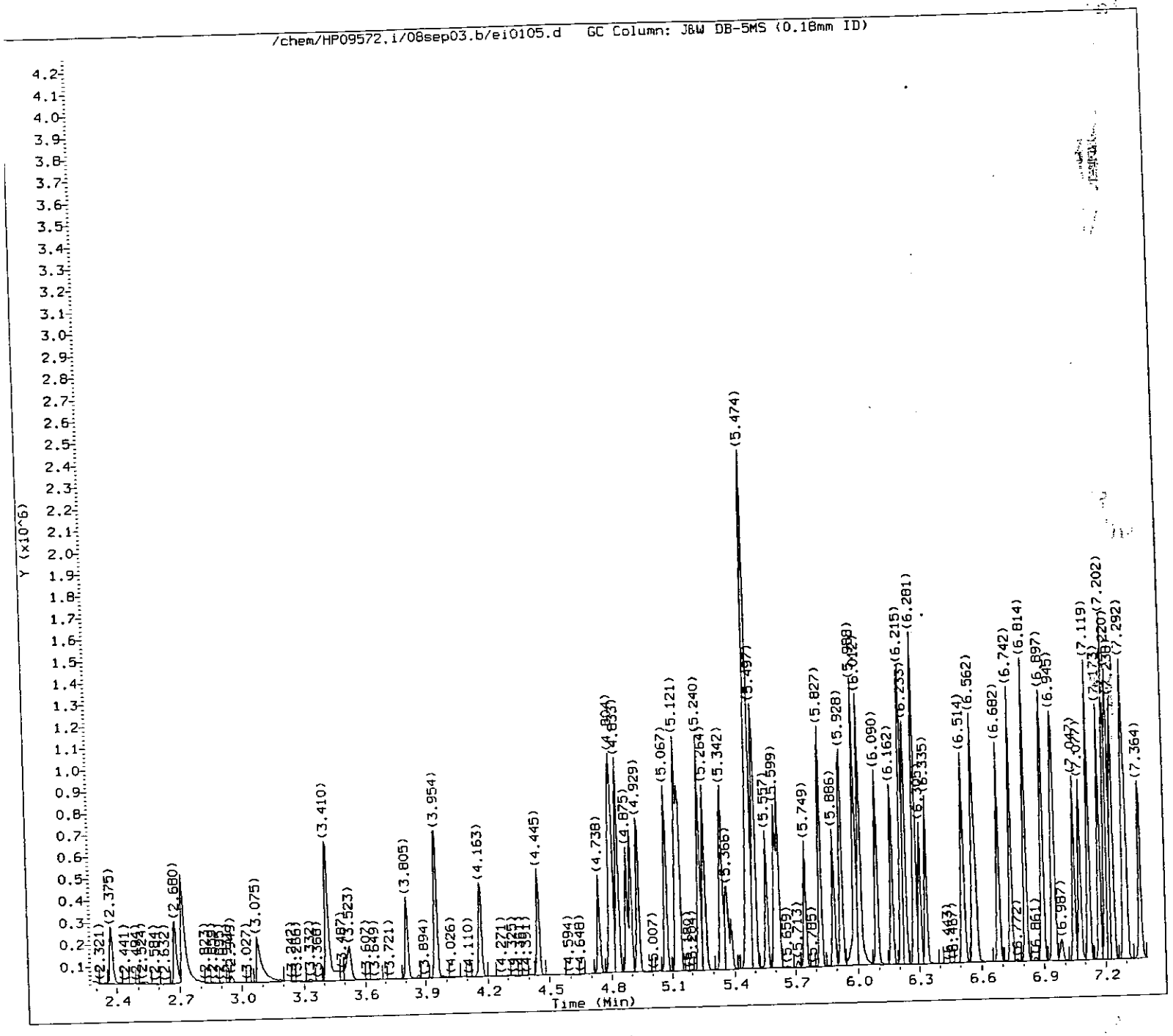
Compound Number : 178
Compound Name : Dibenz(a,h)acridine
Scan Number : 1943
Retention Time (minutes): 13.903
Quant Ion : 279
Area (flag) : 174865 M
Concentration (ng/ul) : 15.9850
Integration start scan : 1937 Integration stop scan: 1948
Y at integration start : 107 Y at integration end: 107

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH198 09/03/08

GC/MS audit/management approval: BBW705 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0104.d, generated on 09/03/2008 at 23:28



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

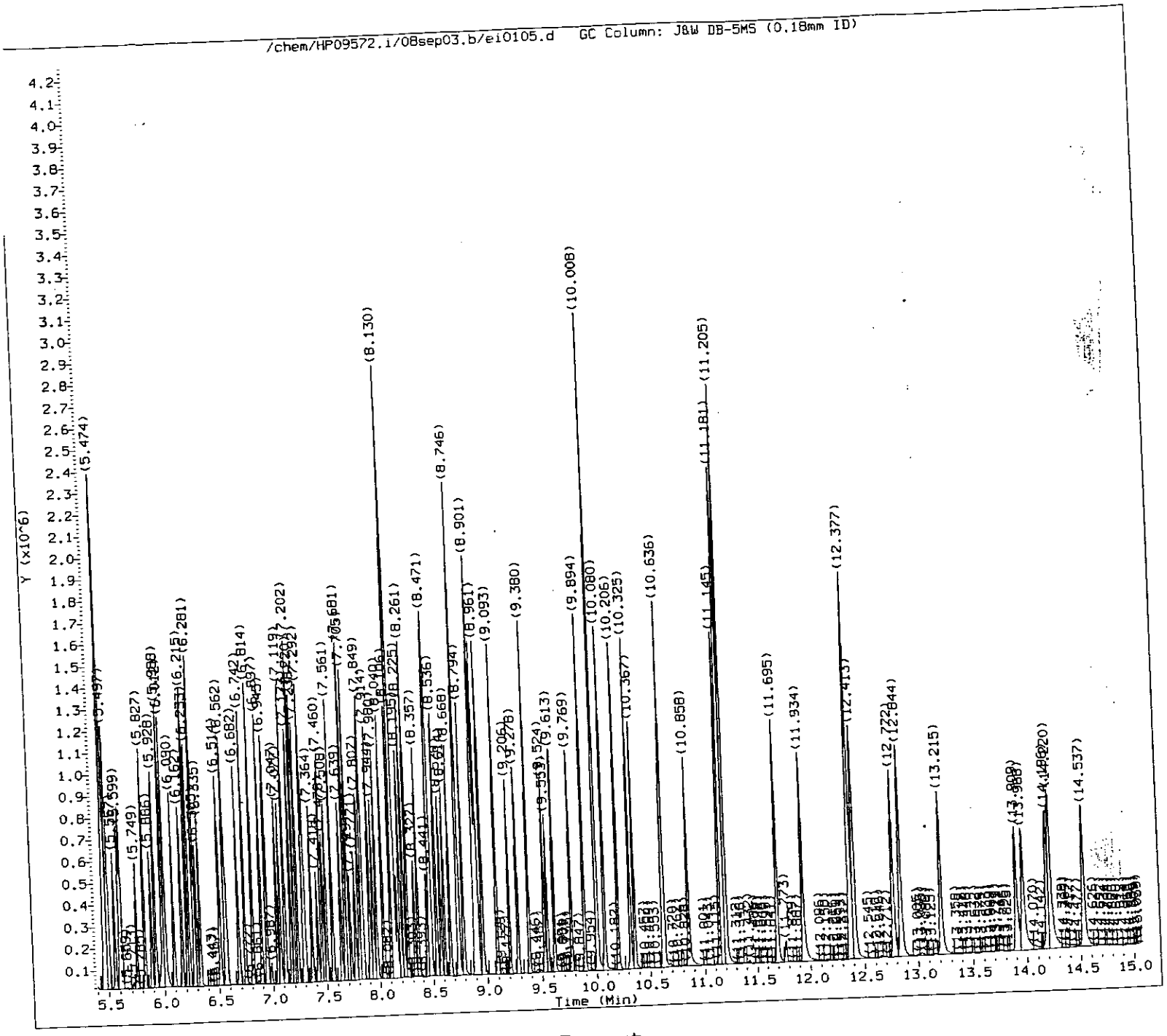
Sublist used: all1

Sample Name: SSTD030

Lab Sample ID: STD2478

ASX04 8263

mm 198 09103108



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030

Lab Sample ID: STD2478

ASX84 8264

lmh198 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	101388	30.5253
2) N-Nitrosodimethylamine	(1)	2.680	74	159284	31.8454
3) Pyridine	(1)	2.710	79	277018	32.8271
13) Aniline	(1)	4.833	93	334221	31.5498
16) Phenol	(1)	4.804	94	247375	31.5024
18) bis(2-Chloroethyl)ether	(1)	4.893	93	198724	31.4190
19) 2-Chlorophenol	(1)	4.929	128	138716	30.9499
20) 1,3-Dichlorobenzene	(1)	5.067	146	141018	31.0148
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	111109	40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	141790	30.4921
24) Benzyl alcohol	(1)	5.240	108	120919	31.2707
25) 1,2-Dichlorobenzene	(1)	5.264	146	131095	30.5760
26) 2-Methylphenol	(1)	5.342	108	149471	31.8382
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.360	45	182370	30.4278
28) bis(2-Chloroisopropyl)ether	(1)	5.360	45	182370	30.4278
30) Acetophenone	(1)	5.474	105	251159	30.7335
31) N-Nitroso-di-n-propylamine	(1)	5.480	70	185748	31.3646
33) 4-Methylphenol	(1)	5.468	108	167050	30.8503
34) o-Toluidine	(1)	5.503	106	281848	30.4043
37) Hexachloroethane	(1)	5.557	117	59769	30.9757
39) Nitrobenzene	(2)	5.617	77	241183	30.8912
41) Isophorone	(2)	5.827	82	443132	31.3408
43) 2-Nitrophenol	(2)	5.886	139	69222	31.6963
45) 2,4-Dimethylphenol	(2)	5.928	107	176403	31.8517
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	232649	30.8309
48) Benzoic acid	(2)	6.006	105	193100	43.3206
50) 2,4-Dichlorophenol	(2)	6.090	162	111236	31.2553
51) 1,2,4-Trichlorobenzene	(2)	6.162	180	110629	31.5136
53) Naphthalene-d8	(2)	6.215	136	497791	40.0000
54) Naphthalene	(2)	6.233	128	403059	31.1395
56) 4-Chloroaniline	(2)	6.275	127	173779	31.4797
57) 2,6-Dichlorophenol	(2)	6.281	162	110205	31.0872
60) Hexachlorobutadiene	(2)	6.335	225	62874	31.5837
63) Caprolactam	(2)	6.574	113	62299	31.7425
68) 4-Chloro-3-methylphenol	(2)	6.682	107	153959	31.6599
70) 2-Methylnaphthalene	(2)	6.814	142	269434	31.0926
71) 1-Methylnaphthalene	(2)	6.897	142	271673	31.4050
72) Hexachlorocyclopentadiene	(3)	6.945	237	66038	33.7193
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	115646	30.4257
75) 2,4,6-Trichlorophenol	(3)	7.047	196	81518	31.3375
77) 2,4,5-Trichlorophenol	(3)	7.077	196	94152	31.8489
81) Biphenyl	(3)	7.202	154	338677	30.9113
82) Diphenyl	(3)	7.202	154	338677	30.9113

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 8265

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.202	154	338677	30.9113
84) 2-Chloronaphthalene	(3)	7.220	162	270541	28.3222
85) 1-Chloronaphthalene	(3)	7.238	162	271168	32.5456
88) Diphenyl ether	(3)	7.292	170	183946	30.9359
89) 2-Nitroaniline	(3)	7.304	138	90570	31.7455
92) Dimethylphthalate	(3)	7.460	163	310569	30.9886
94) 2,6-Dinitrotoluene	(3)	7.508	165	72183	32.8347
95) Acenaphthylene	(3)	7.561	152	404390	31.4292
97) 3-Nitroaniline	(3)	7.639	138	83464	32.0275
98) Acenaphthene-d10	(3)	7.681	164	289385	40.0000
99) Acenaphthene	(3)	7.705	153	245165	30.9521
100) 2,4-Dinitrophenol	(3)	7.729	184	43304	43.5140
101) Pentachlorobenzene	(3)	7.813	250	115802	31.4073
103) 4-Nitrophenol	(3)	7.771	109	57006	32.7121
104) Dibenzofuran	(3)	7.849	168	383122	31.0743
105) 2,4-Dinitrotoluene	(3)	7.837	165	93018	31.7205
106) 1-Naphthylamine	(3)	7.914	143	280384	31.6097
107) 2,3,4,6-Tetrachlorophenol	(3)	7.944	232	74034	31.7116
108) 2-Naphthylamine	(3)	7.980	143	284880	32.4035
109) Diethylphthalate	(3)	8.040	149	293745	30.7484
111) Fluorene	(3)	8.130	166	309751	31.0261
112) 4-Chlorophenyl-phenylether	(3)	8.130	204	146696	31.2207
114) 4-Nitroaniline	(3)	8.148	138	91483	31.2061
115) 4,6-Dinitro-2-methylphenol	(4)	8.166	198	43468	32.5352
117) N-Nitrosodiphenylamine	(4)	8.225	169	231465	31.3872
118) 1,2-Diphenylhydrazine	(4)	8.261	77	536724	31.5582
126) 4-Bromophenyl-phenylether	(4)	8.536	248	91063	31.7274
128) Hexachlorobenzene	(4)	8.578	284	98902	31.5323
132) Pentachlorophenol	(4)	8.740	266	78749	42.6741
133) Pentachloronitrobenzene	(4)	8.746	237	39944	30.0685
136) Phenanthrene-d10	(4)	8.901	188	532122	40.0000
138) Phenanthrene	(4)	8.919	178	427279	31.5297
139) Anthracene	(4)	8.961	178	450761	31.3773
141) Carbazole	(4)	9.093	167	440570	31.0670
143) Di-n-butylphthalate	(4)	9.380	149	527864	32.2021
148) Fluoranthene	(4)	9.894	202	501196	32.1056
153) Benzidine	(5)	10.008	184	882959	102.5517
155) Pyrene	(5)	10.080	202	529210	31.9129
162) Butylbenzylphthalate	(5)	10.636	149	243980	32.4916
165) 3,3'-Dichlorobenzidine	(5)	11.145	252	185687	32.4016
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.151	231	100123	35.3593
167) Benzo(a)anthracene	(5)	11.175	228	521408	32.0928
168) Chrysene-d12	(5)	11.181	240	592030	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 0266

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:28

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030

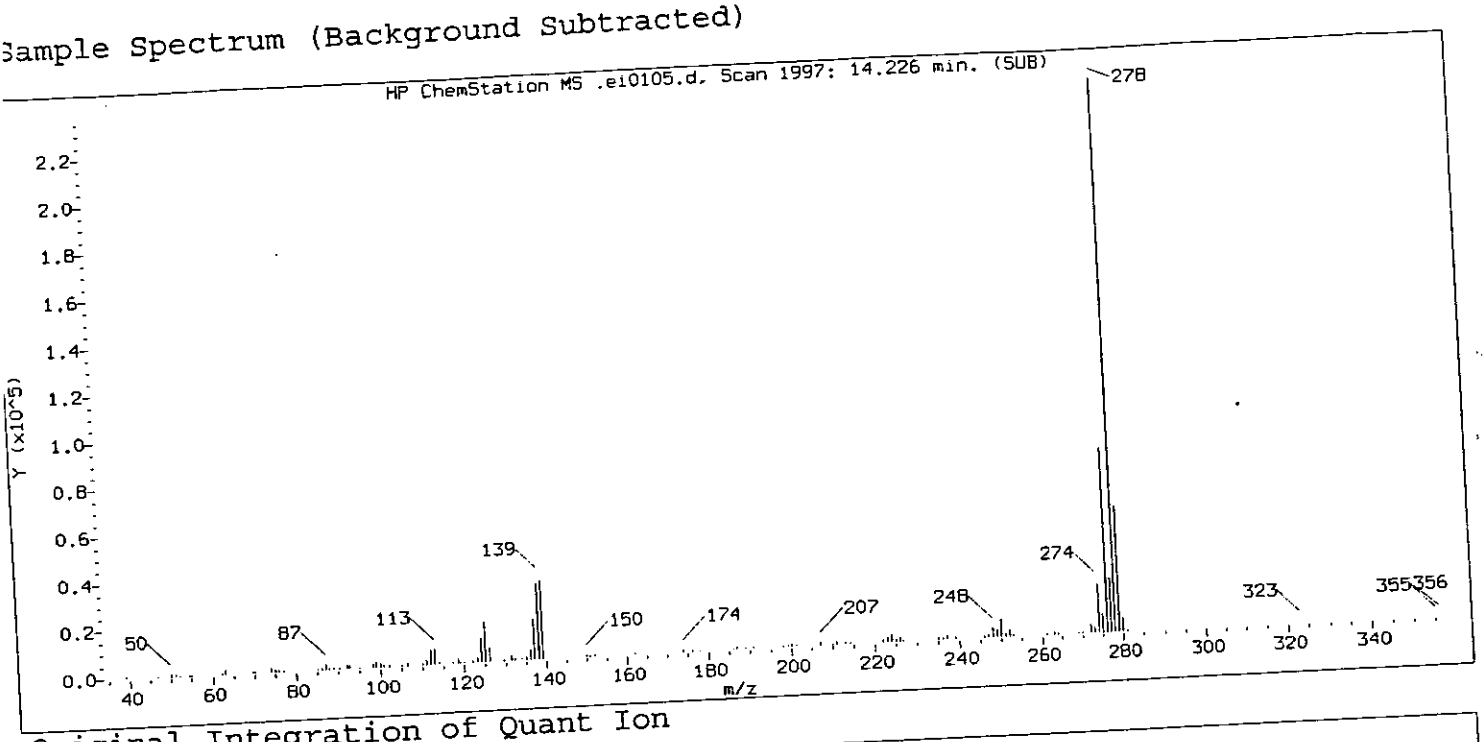
Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.211	228	488082	30.3248
170) bis(2-Ethylhexyl)phthalate	(5)	11.205	149	304946	31.7519
171) Di-n-octylphthalate	(6)	11.934	149	499203	33.1103
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.371	256	258715	33.6842
173) Benzo(b)fluoranthene	(6)	12.377	252	497206	32.6151
174) Benzo(k)fluoranthene	(6)	12.413	252	520989	32.8817
175) Benzo(a)pyrene	(6)	12.778	252	454773	34.3087
176) Perylene-d12	(6)	12.844	264	441072	40.0000
177) 3-Methylcholanthrene	(6)	13.215	268	256614	32.9666
178) Dibenz(a,h)acridine	(6)	13.909	279	348125	33.2900
179) Dibenz(a,j)acridine	(6)	13.974	279	436662	34.8023
180) Indeno(1,2,3-cd)pyrene	(6)	14.196	276	533147	33.0296
181) Dibenz(a,h)anthracene	(6)	14.226	278	422297M	34.2321
182) Benzo(g,h,i)perylene	(6)	14.537	276	452118	32.4988
9) 2-Fluorophenol	(1)	3.954	112	159262	31.9625
14) Phenol-d5	(1)	4.792	99	245831	31.8217
15) Phenol-d6	(1)	4.792	99	245831	31.8217
38) Nitrobenzene-d5	(2)	5.599	82	223640	31.3812
78) 2-Fluorobiphenyl	(3)	7.119	172	305904	31.2409
119) 2,4,6-Tribromophenol	(3)	8.327	330	48611	32.0908
157) Terphenyl-d14	(5)	10.206	244	405979	31.5905

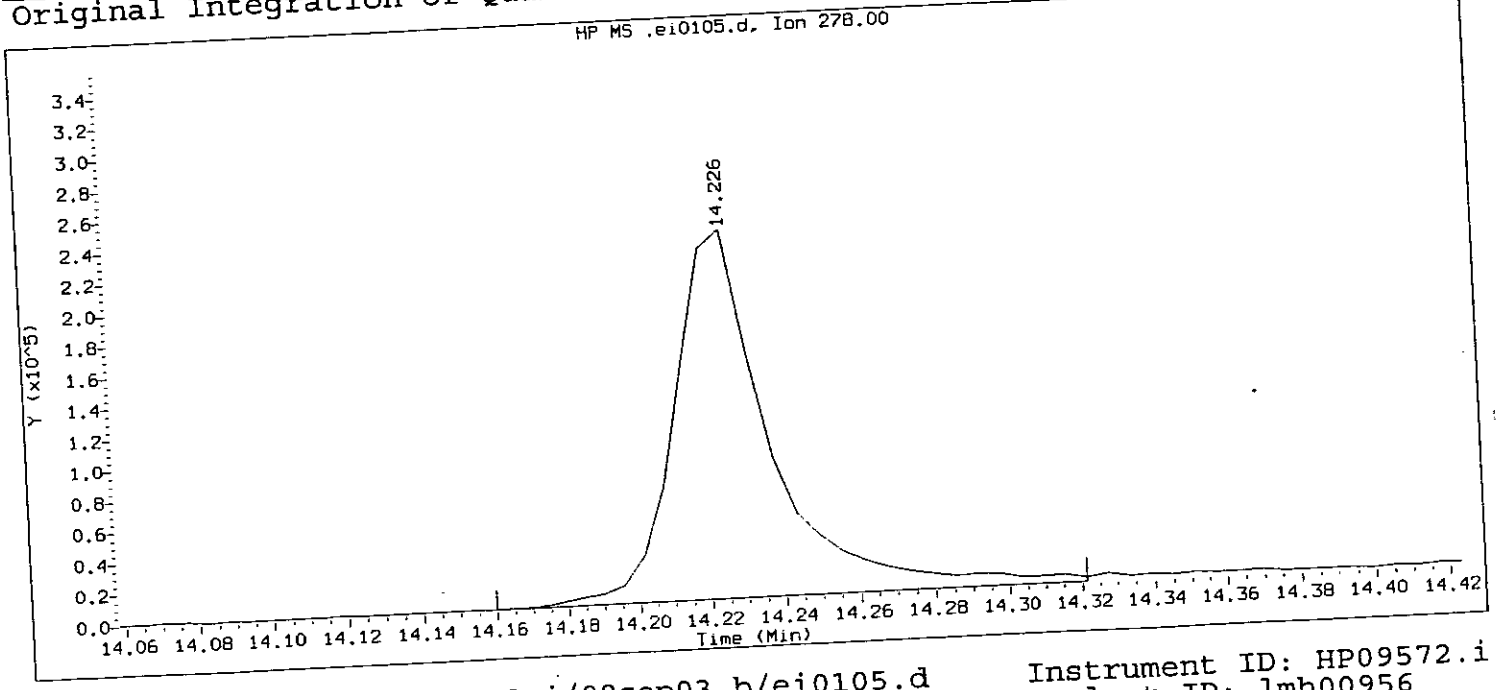
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0105.d
Injection date and time: 03-SEP-2008 21:30

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 21:47
Date, time and analyst ID of latest file update: 03-Sep-2008 21:47 Automation

Sublist used: all1

Lab Sample ID: STD2478

Sample Name: SSTD030

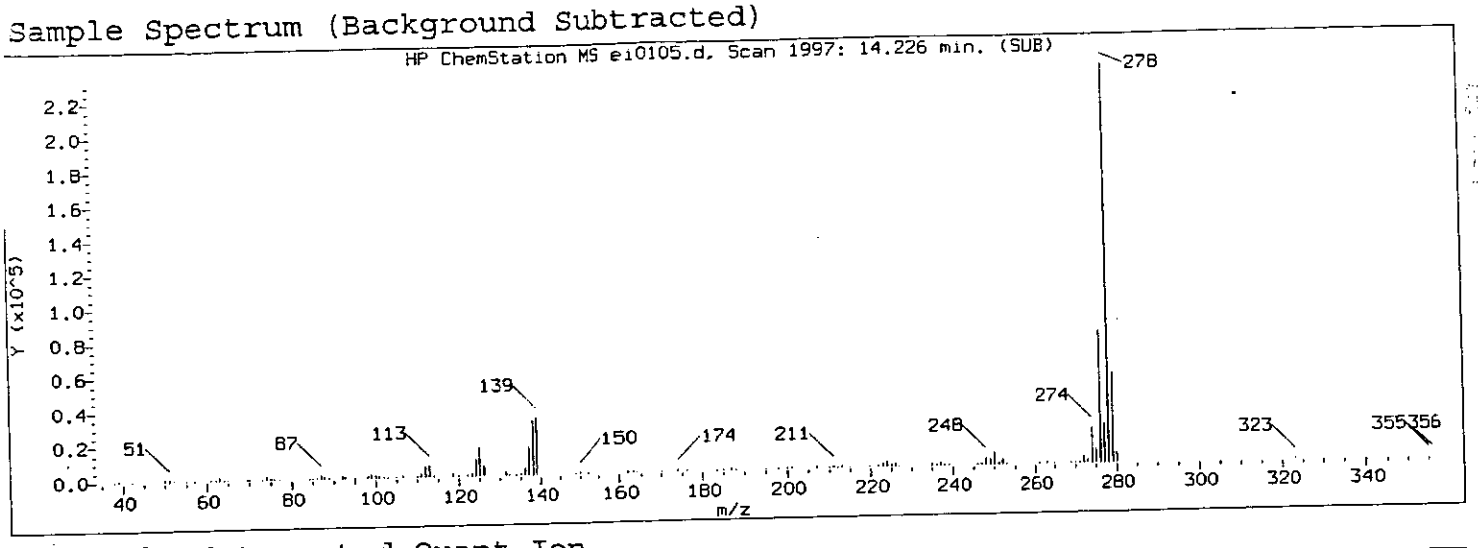
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1997
Retention Time (minutes)	: 14.226
Quant Ion	: 278
Area	: 433952
Concentration (ng/ul)	: 43.4355
Integration start scan	: 1985
Y at integration start	: 0

Integration stop scan: 2012.
Y at integration end: 71

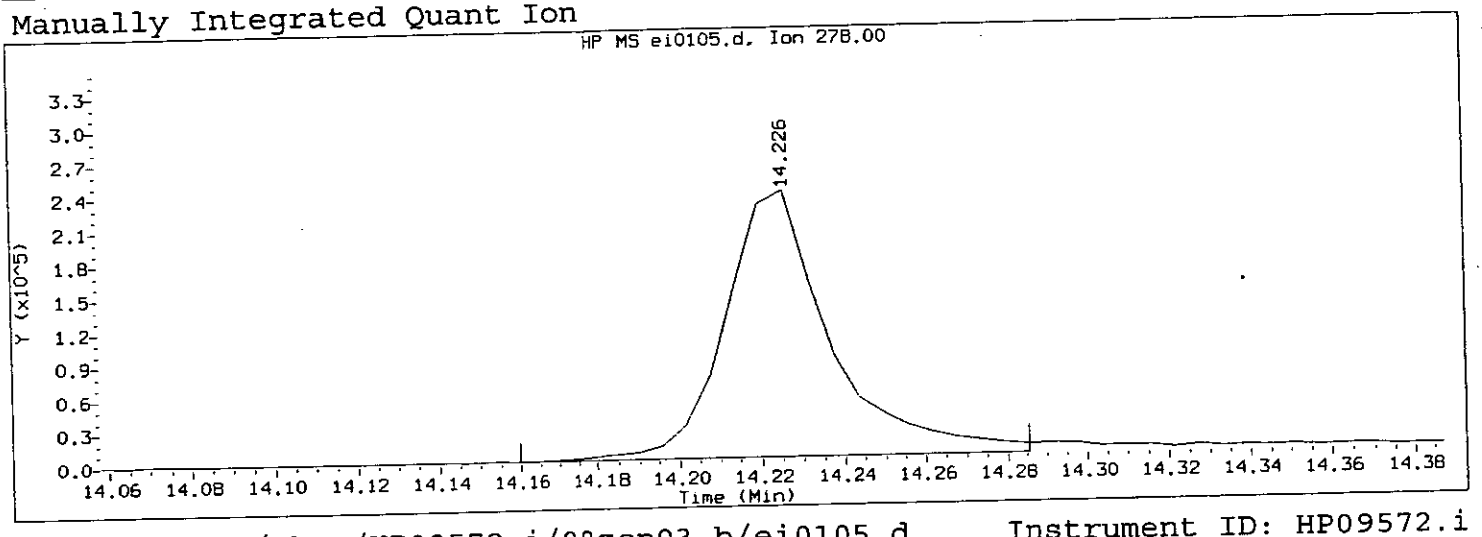
LMH 09/03/08
ASX84 8268

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0105.d, generated on 09/03/2008 at 23:28

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0105.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:30 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030 Lab Sample ID: STD2478

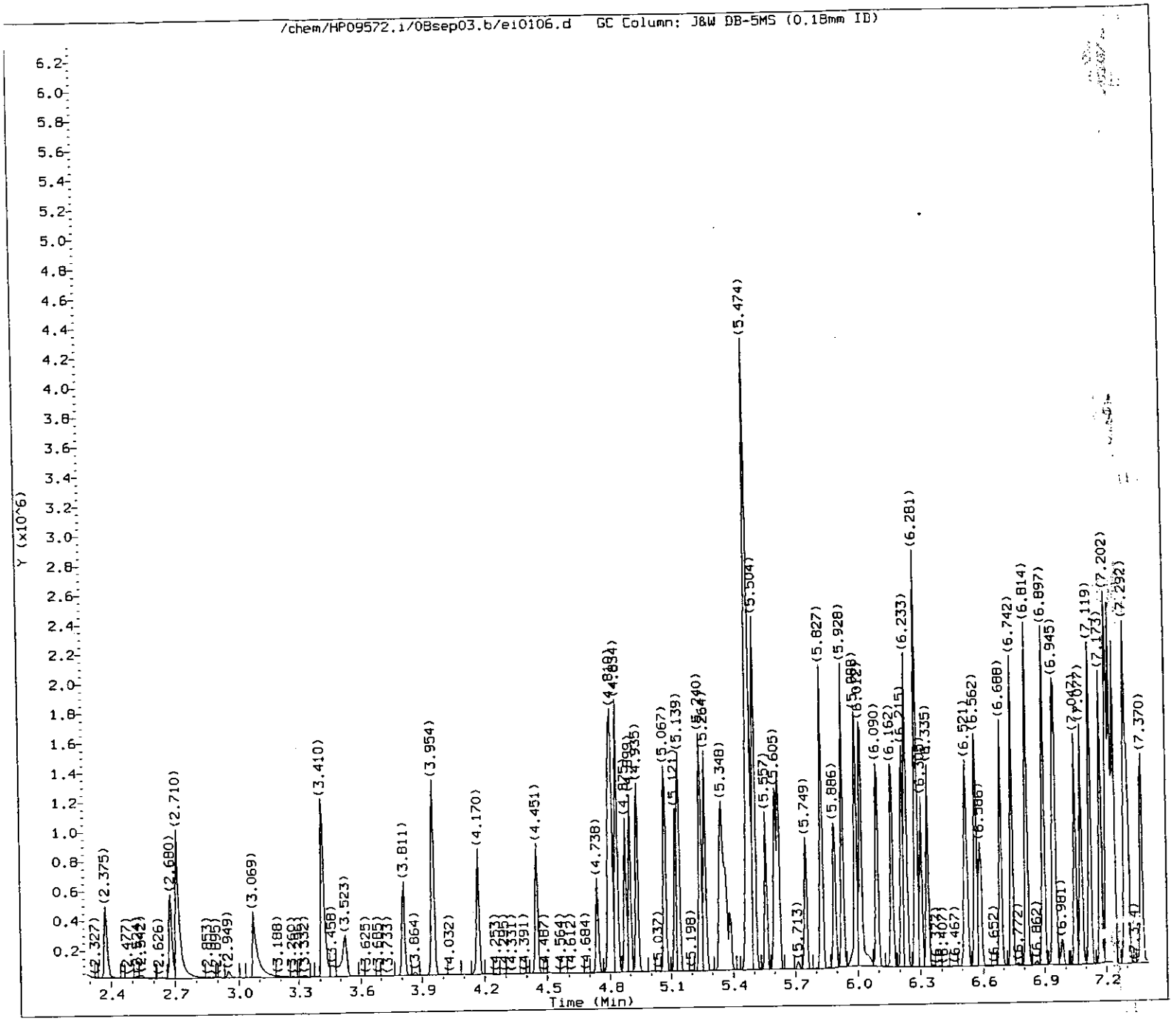
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1997
Retention Time (minutes)	: 14.226
Quant Ion	: 278
Area (flag)	: 422297 M
Concentration (ng/ul)	: 34.2321
Integration start scan	: 1985 Integration stop scan: 2006
Y at integration start	: 0 Y at integration end: 55

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0105.d, generated on 09/03/2008 at 23:28



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

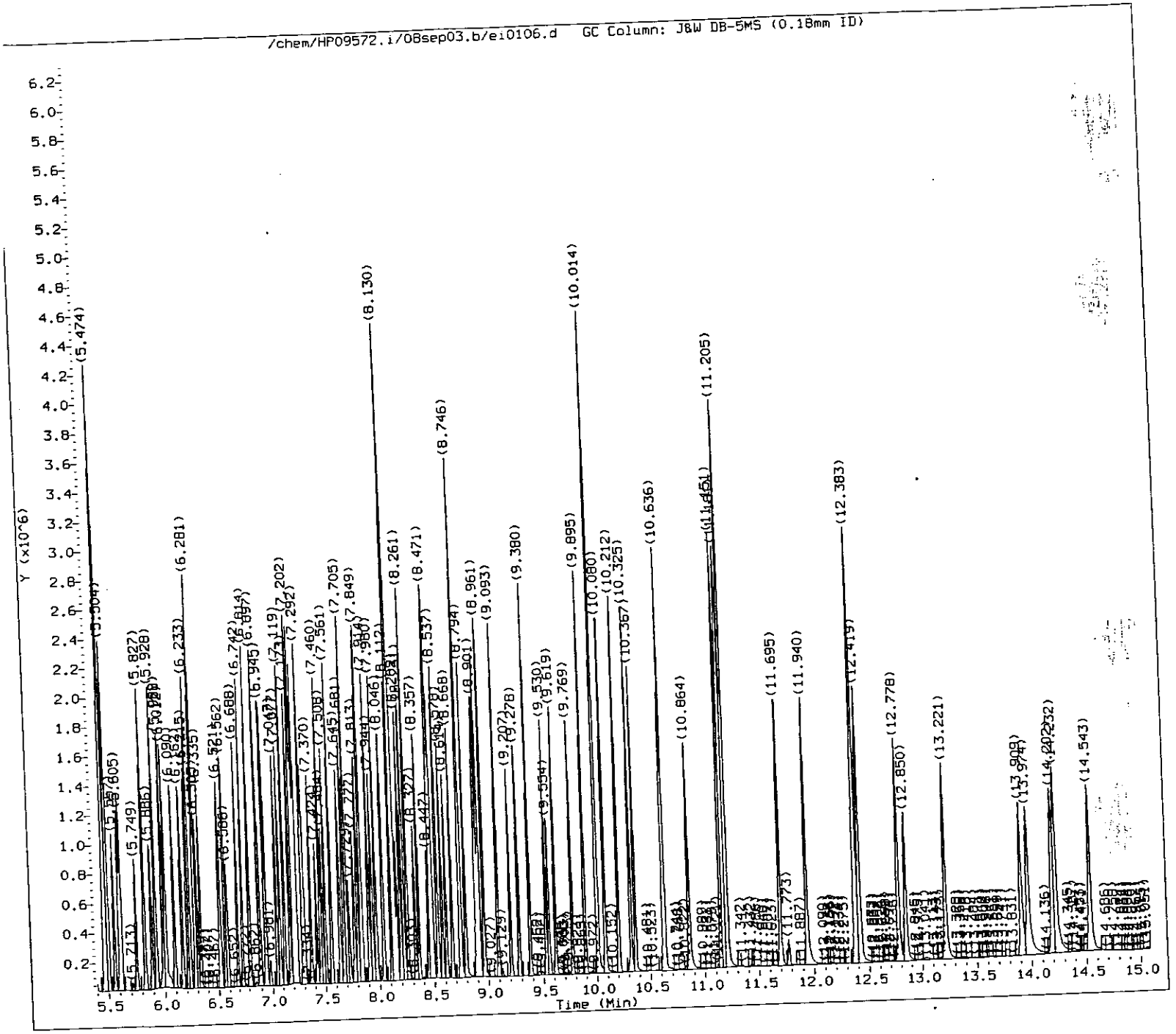
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

ASX84 8278

lmh 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

ASX84 0271

lmh195 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	181754	52.6326
2) N-Nitrosodimethylamine	(1)	2.680	74	290404	54.9614
3) Pyridine	(1)	2.710	79	484522	54.5184
13) Aniline	(1)	4.834	93	589796	53.3058
16) Phenol	(1)	4.810	94	456734M	55.0324
18) bis(2-Chloroethyl)ether	(1)	4.899	93	340635	52.0165
19) 2-Chlorophenol	(1)	4.935	128	247242	52.9456
20) 1,3-Dichlorobenzene	(1)	5.067	146	246459	52.2657
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	113491	40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	252012	52.2590
24) Benzyl alcohol	(1)	5.240	108	195600	49.6408
25) 1,2-Dichlorobenzene	(1)	5.264	146	231055	52.0411
26) 2-Methylphenol	(1)	5.348	108	262279	53.4400
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.366	45	316837	51.3038
28) bis(2-Chloroisopropyl)ether	(1)	5.366	45	316837	51.3038
30) Acetophenone	(1)	5.474	105	435998	51.6555
31) N-Nitroso-di-n-propylamine	(1)	5.480	70	315311	51.5767
33) 4-Methylphenol	(1)	5.474	108	296518	52.6600
34) o-Toluidine	(1)	5.504	106	500170	52.0879
37) Hexachloroethane	(1)	5.557	117	103645	51.9158
39) Nitrobenzene	(2)	5.617	77	418377	51.7735
41) Isophorone	(2)	5.827	82	786322	53.2107
43) 2-Nitrophenol	(2)	5.892	139	125615	54.5364
45) 2,4-Dimethylphenol	(2)	5.928	107	315366	54.1387
47) bis(2-Chloroethoxy)methane	(2)	6.018	93	405525	51.8838
48) Benzoic acid	(2)	6.018	105	246145	52.9346
50) 2,4-Dichlorophenol	(2)	6.096	162	203676	54.3369
51) 1,2,4-Trichlorobenzene	(2)	6.168	180	195601	53.2847
53) Naphthalene-d8	(2)	6.215	136	509131	40.0000
54) Naphthalene	(2)	6.233	128	712495	52.8112
56) 4-Chloroaniline	(2)	6.281	127	302671	52.6573
57) 2,6-Dichlorophenol	(2)	6.281	162	195259	52.8350
60) Hexachlorobutadiene	(2)	6.335	225	107470	52.0588
63) Caprolactam	(2)	6.586	113	106457	52.2412
68) 4-Chloro-3-methylphenol	(2)	6.688	107	270233	53.1806
70) 2-Methylnaphthalene	(2)	6.814	142	473493	52.5247
71) 1-Methylnaphthalene	(2)	6.897	142	469265	52.2445
72) Hexachlorocyclopentadiene	(3)	6.945	237	125582	58.4976
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	201409	50.9272
75) 2,4,6-Trichlorophenol	(3)	7.047	196	142197	52.1172
77) 2,4,5-Trichlorophenol	(3)	7.077	196	160840	51.9362
81) Biphenyl	(3)	7.202	154	582319	51.0412
82) Diphenyl	(3)	7.202	154	582319	51.0412

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 0272

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.202	154	582319	51.0412
84) 2-Chloronaphthalene	(3)	7.220	162	626735M	59.4519
85) 1-Chloronaphthalene	(3)	7.238	162	423707M	49.3812
88) Diphenyl ether	(3)	7.292	170	326463	52.2865
89) 2-Nitroaniline	(3)	7.304	138	164194	54.1250
92) Dimethylphthalate	(3)	7.460	163	538328	51.4447
94) 2,6-Dinitrotoluene	(3)	7.508	165	126518	54.1246
95) Acenaphthylene	(3)	7.561	152	707456	52.3422
97) 3-Nitroaniline	(3)	7.645	138	141255	51.7918
98) Acenaphthene-d10	(3)	7.681	164	299242	40.0000
99) Acenaphthene	(3)	7.705	153	425519	51.4500
100) 2,4-Dinitrophenol	(3)	7.729	184	63787	58.4805
101) Pentachlorobenzene	(3)	7.813	250	197010	51.2437
103) 4-Nitrophenol	(3)	7.777	109	100351	54.1482
104) Dibenzofuran	(3)	7.849	168	668151	51.7841
105) 2,4-Dinitrotoluene	(3)	7.837	165	162902	52.7406
106) 1-Naphthylamine	(3)	7.914	143	478263	51.5895
107) 2,3,4,6-Tetrachlorophenol	(3)	7.944	232	129578	52.7065
108) 2-Naphthylamine	(3)	7.980	143	491436	52.9821
109) Diethylphthalate	(3)	8.046	149	512276	51.3802
111) Fluorene	(3)	8.130	166	541165	51.7934
112) 4-Chlorophenyl-phenylether	(3)	8.130	204	252441	51.4530
114) 4-Nitroaniline	(3)	8.154	138	155528	50.9726
115) 4,6-Dinitro-2-methylphenol	(4)	8.172	198	81319	57.0182
117) N-Nitrosodiphenylamine	(4)	8.231	169	397867	52.2324
118) 1,2-Diphenylhydrazine	(4)	8.261	77	934634	52.9462
126) 4-Bromophenyl-phenylether	(4)	8.537	248	157071	52.7838
128) Hexachlorobenzene	(4)	8.578	284	169231	52.2347
132) Pentachlorophenol	(4)	8.740	266	107232	55.1475
133) Pentachloronitrobenzene	(4)	8.752	237	69263	50.9242
136) Phenanthrene-d10	(4)	8.901	188	541457	40.0000
138) Phenanthrene	(4)	8.925	178	729235	52.1321
139) Anthracene	(4)	8.961	178	788144	52.8810
141) Carbazole	(4)	9.093	167	773996	52.6795
143) Di-n-butylphthalate	(4)	9.380	149	929278	54.1656
148) Fluoranthene	(4)	9.895	202	874938	53.7159
153) Benzidine	(5)	10.014	184	1534016	171.9330
155) Pyrene	(5)	10.086	202	901945	53.7837
162) Butylbenzylphthalate	(5)	10.636	149	417579	54.6606
165) 3,3'-Dichlorobenzidine	(5)	11.151	252	327182	55.7113
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.157	231	173350	58.5601
167) Benzo(a)anthracene	(5)	11.175	228	880728	53.9155
168) Chrysene-d12	(5)	11.187	240	583601	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

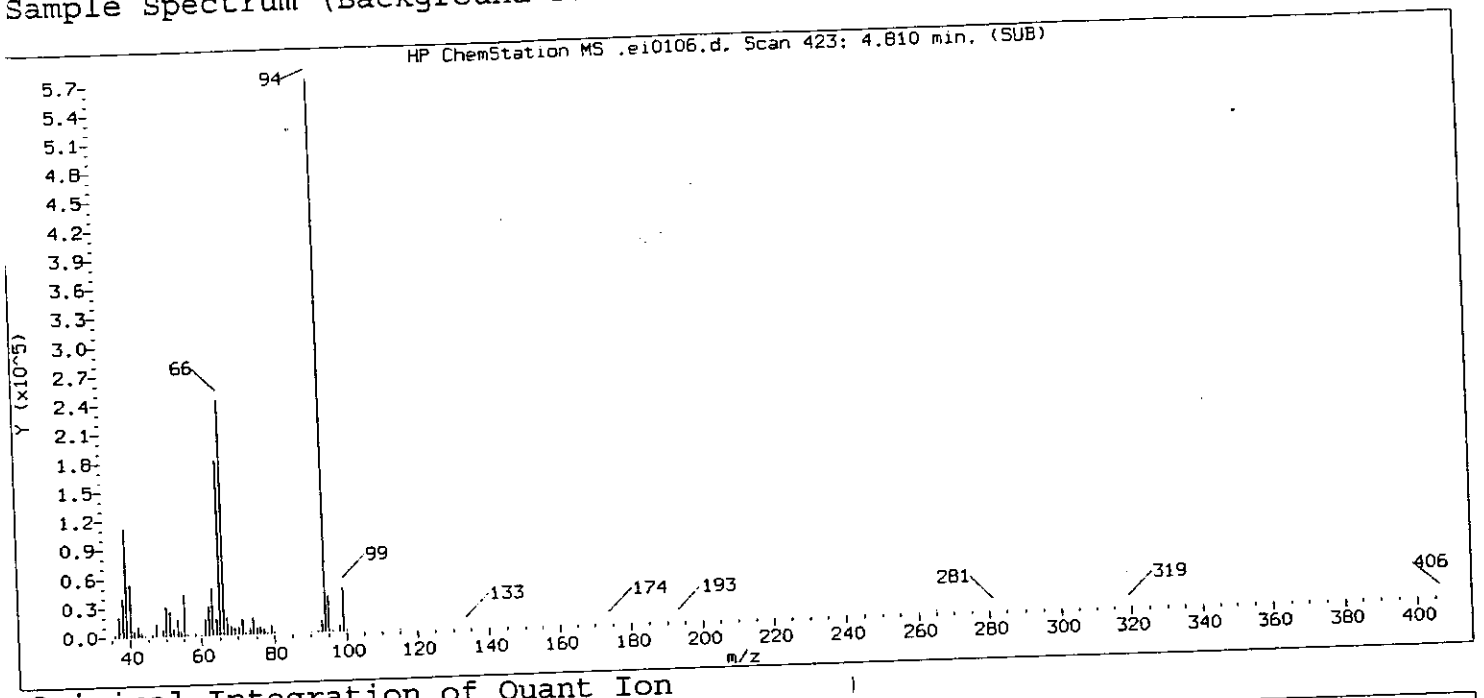
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169)	Chrysene	(5)	11.211	228	811935	50.8757
170)	bis(2-Ethylhexyl)phthalate	(5)	11.205	149	524122	53.9160
171)	Di-n-octylphthalate	(6)	11.940	149	902531	56.6195h
172)	7,12-Dimethylbenz[a]anthracene	(6)	12.377	256	452861	56.0068
173)	Benzo(b)fluoranthene	(6)	12.383	252	865234	54.8104
174)	Benzo(k)fluoranthene	(6)	12.419	252	922393	55.9046
175)	Benzo(a)pyrene	(6)	12.778	252	813484	58.2282
176)	Perylene-d12	(6)	12.850	264	445748	40.0000
177)	3-Methylcholanthrene	(6)	13.221	268	456581	55.7974
178)	Dibenz(a,h)acridine	(6)	13.915	279	648160	58.0427
179)	Dibenz(a,j)acridine	(6)	13.980	279	743486	56.2081
180)	Indeno(1,2,3-cd)pyrene	(6)	14.202	276	952809	56.0525
181)	Dibenz(a,h)anthracene	(6)	14.232	278	766995	58.8112
182)	Benzo(g,h,i)perylene	(6)	14.543	276	792700	54.6389
9)	2-Fluorophenol	(1)	3.954	112	284455	54.2908
14)	Phenol-d5	(1)	4.798	99	434494	53.7033
15)	Phenol-d6	(1)	4.798	99	434494	53.7033
38)	Nitrobenzene-d5	(2)	5.605	82	392430	52.8253
78)	2-Fluorobiphenyl	(3)	7.119	172	526465	51.4814
119)	2,4,6-Tribromophenol	(3)	8.327	330	87041	54.0627
157)	Terphenyl-d14	(5)	10.212	244	709797	54.3896

M = Compound was manually integrated.

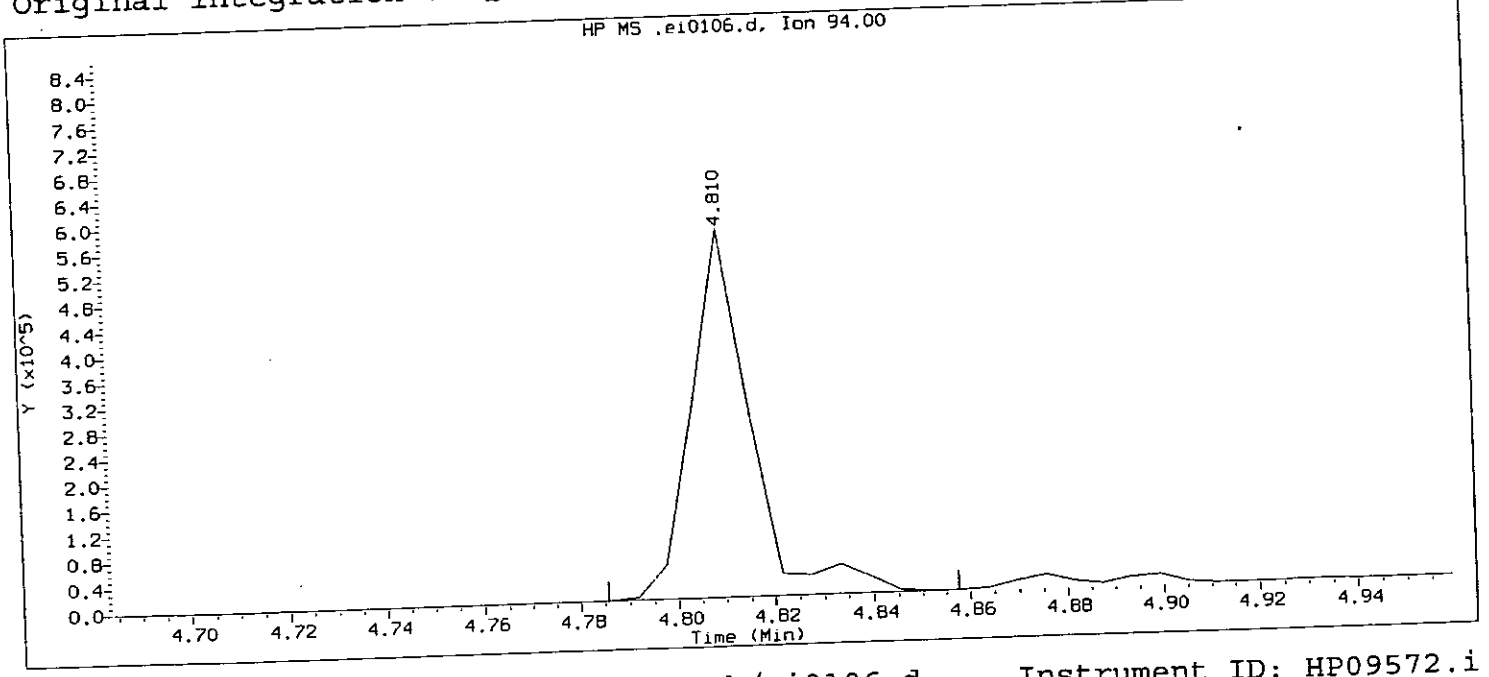
A = User selected an alternate hit

ASX04 0274

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:10
Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sublist used: all1

Sample Name: SSTD050

Lab Sample ID: STD2478

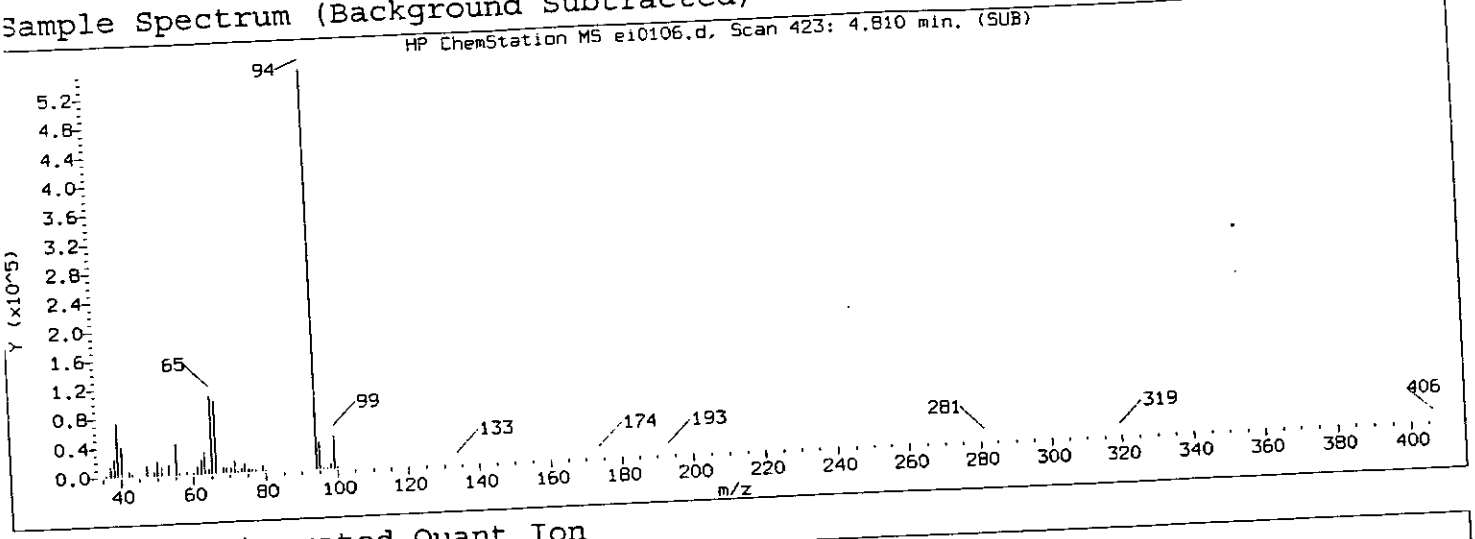
Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	423
Retention Time (minutes)	:	4.810
Quant Ion	:	94
Area	:	483914
Concentration (ng/ul)	:	56.4264
Integration start scan	:	418
Y at integration start	:	0

Integration stop scan: 430
Y at integration end: 76

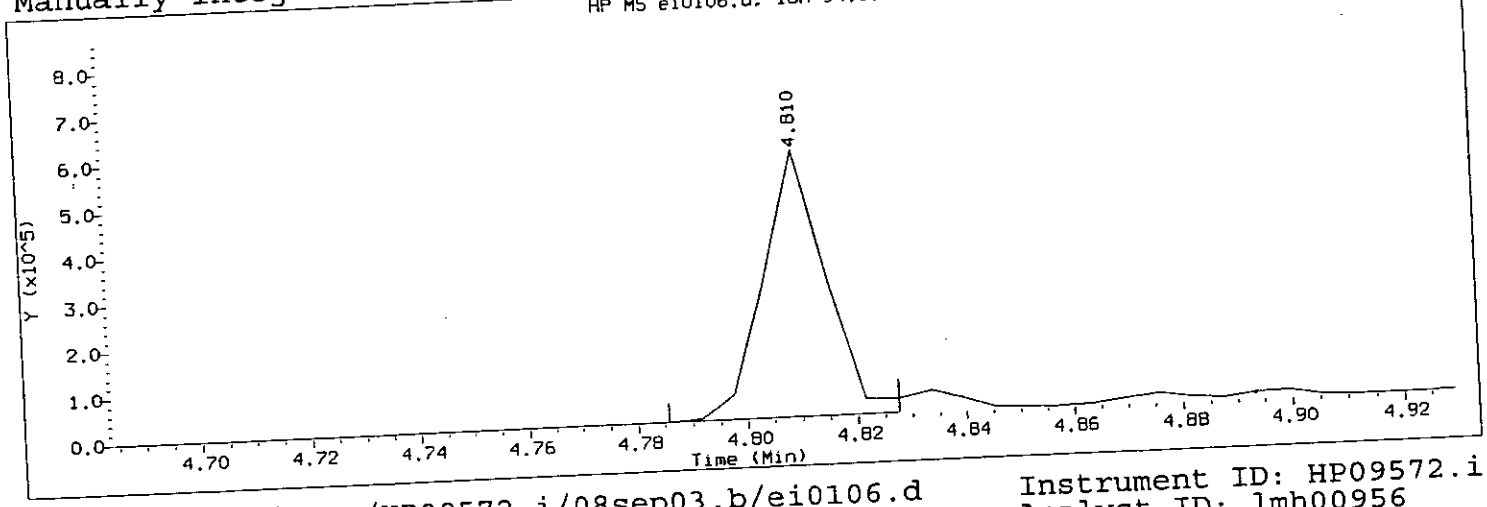
lmm1 98 09/03/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0106.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Lab Sample ID: STD2478

Sample Name: SSTD050

Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	423
Retention Time (minutes)	:	4.810
Quant Ion	:	94
Area (flag)	:	456734 M
Concentration (ng/ul)	:	55.0324
Integration start scan	:	418
Y at integration start	:	0

Integration stop scan: 425
Y at integration end: 44

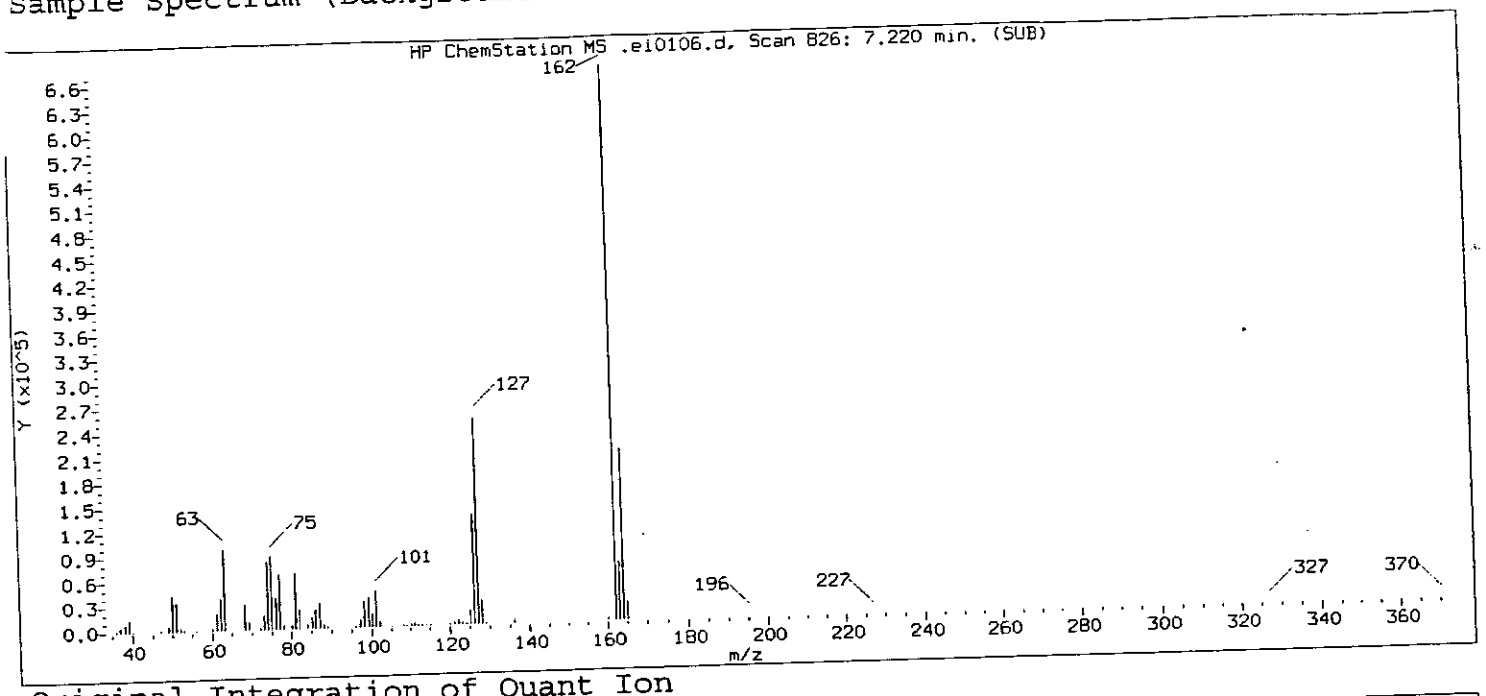
Reason for manual integration (circle one): missed peak improper integratio

Analyst responsible for change: lmh 09/03/08

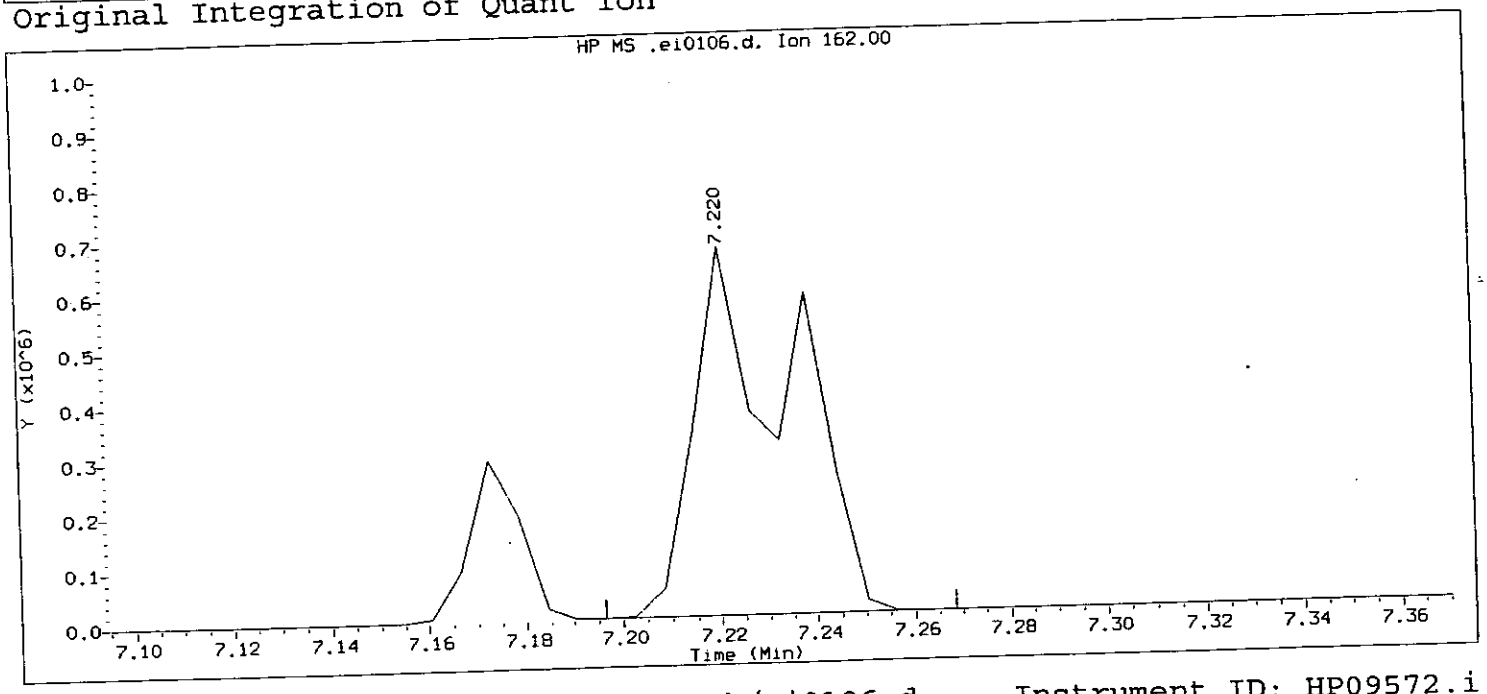
GC/MS audit/management approval: BBM 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0106.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:10

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sample Name: SSTD050

Lab Sample ID: STD2478

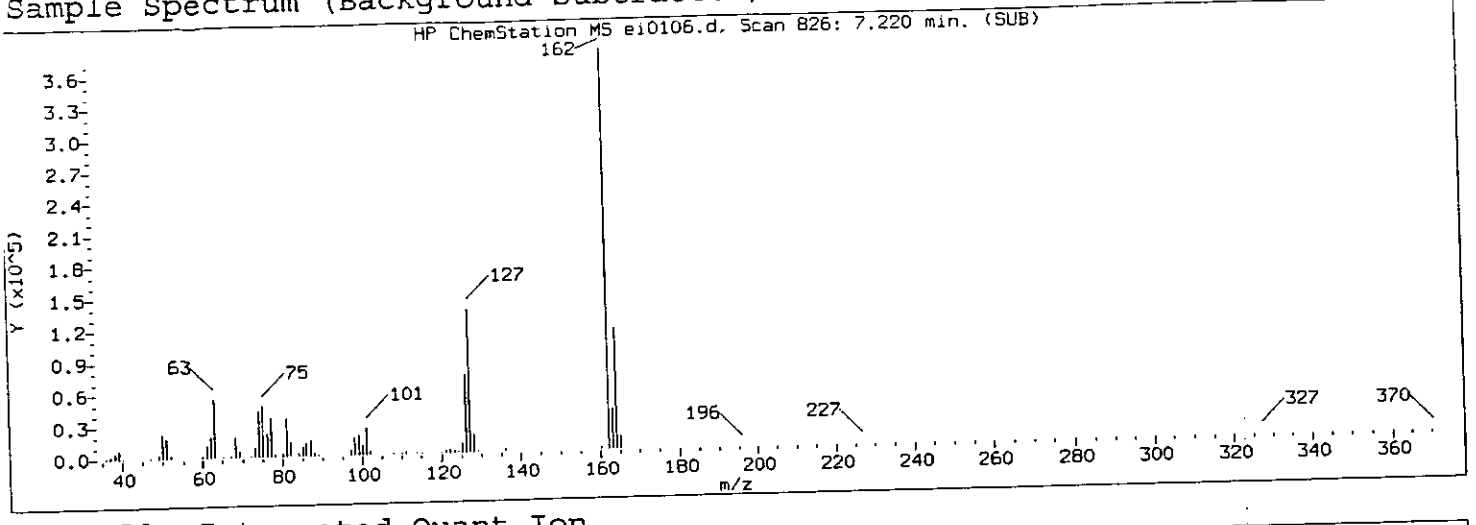
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.220
Quant Ion : 162
Area : 937334
Concentration (ng/ul) : 77.4983
Integration start scan : 821
Integration stop scan: 833
Y at integration start : 166
Y at integration end: 164

lmh198 09/03/08

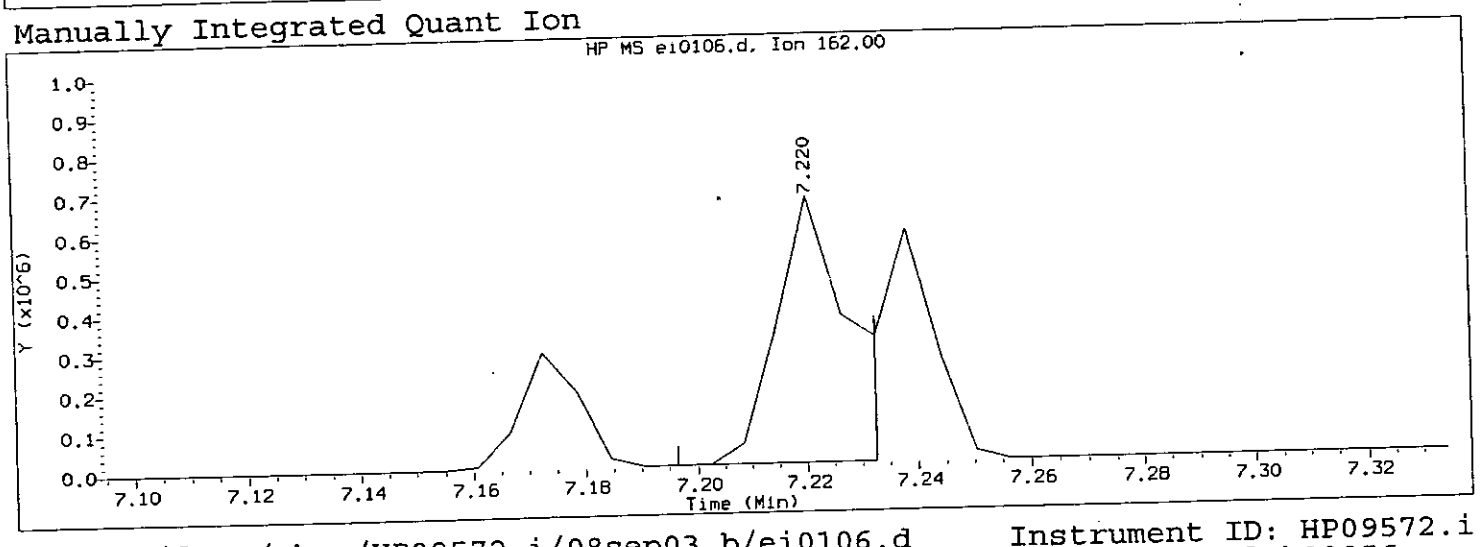
ASX84 8277

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0106.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD050

Lab Sample ID: STD2478

Compound Number	:	84
Compound Name	:	2-Chloronaphthalene
Scan Number	:	826
Retention Time (minutes)	:	7.220
Quant Ion	:	162
Area (flag)	:	626735 M
Concentration (ng/ul)	:	59.4519
Integration start scan	:	821
Y at integration start	:	166

Integration stop scan: 827
Y at integration end: 166

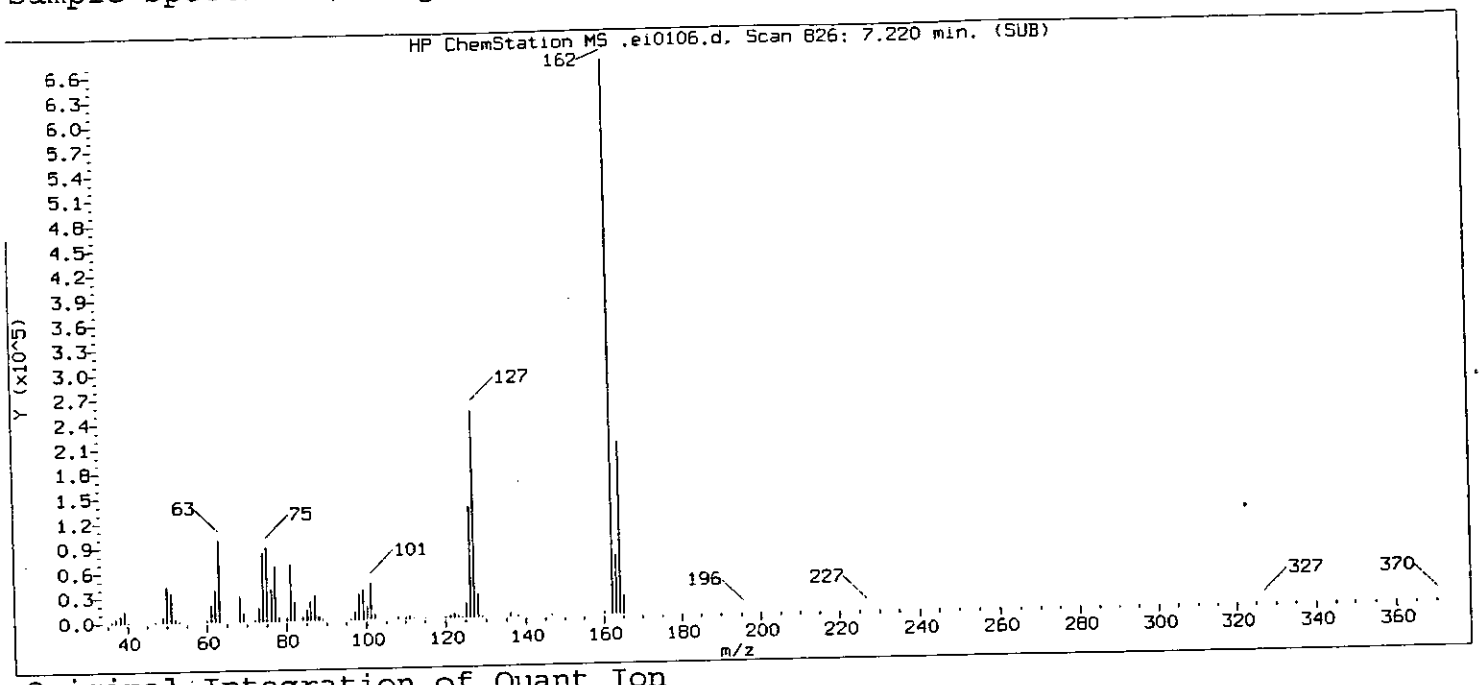
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mm1950 09/03/08

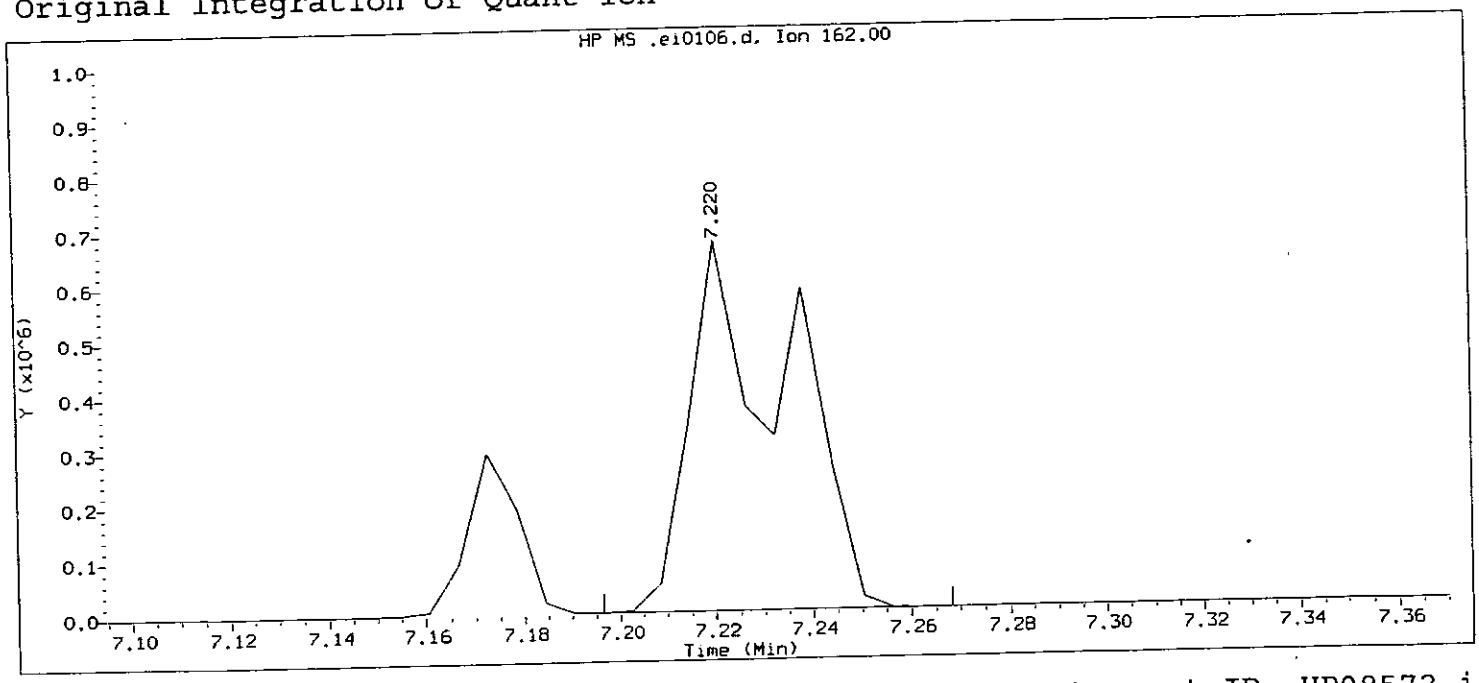
GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0106.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:10

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sample Name: SSTD050

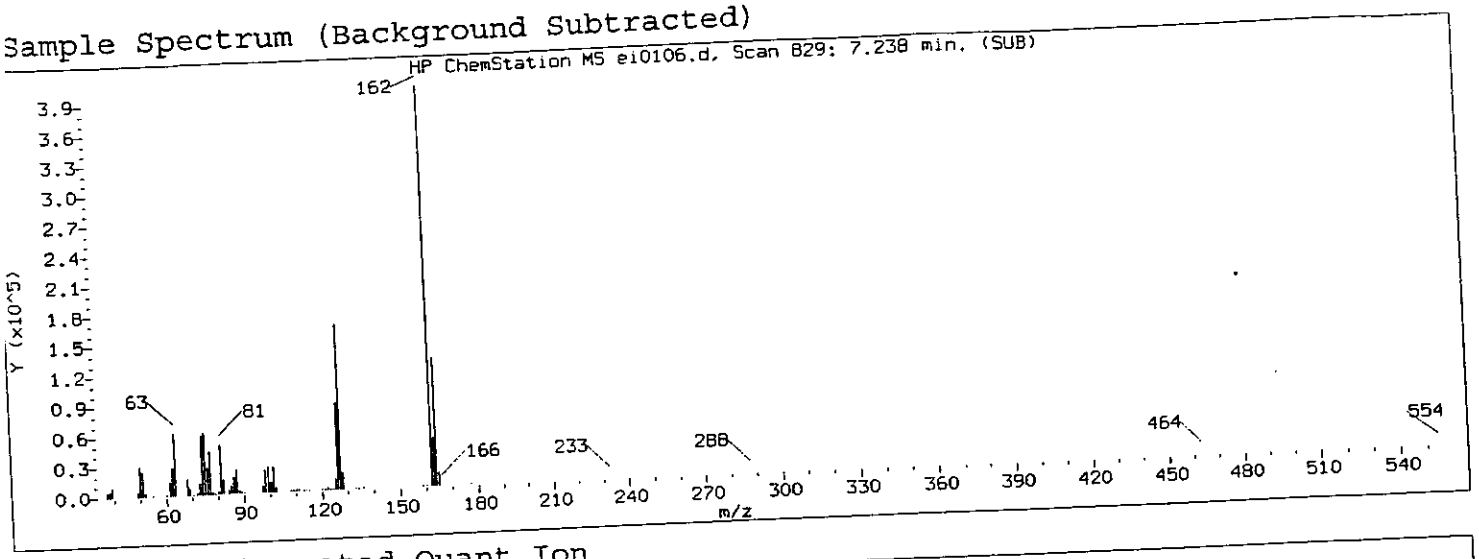
Lab Sample ID: STD2478

Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.220
Quant Ion : 162
Area : 937333
Concentration (ng/ul) : 84.0773
Integration start scan : 821
Integration stop scan: 833
Y at integration start : 166
Y at integration end: 164

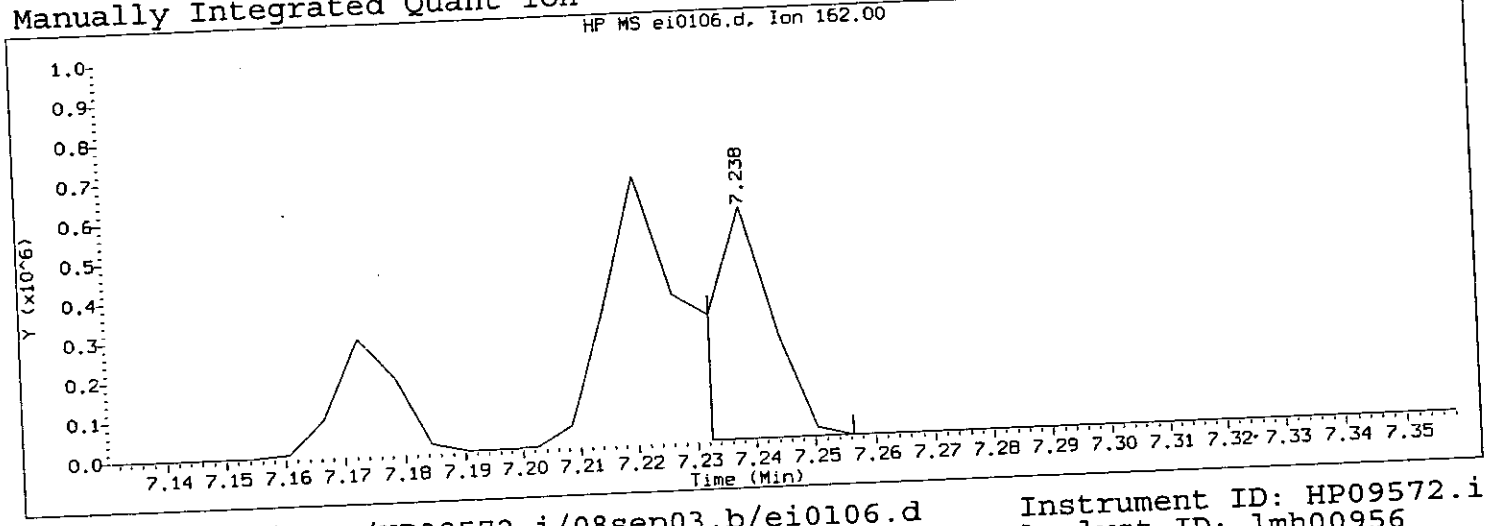
LMH195 09/03/08 ASX04 8279

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0106.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d
Injection date and time: 03-SEP-2008 21:53

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

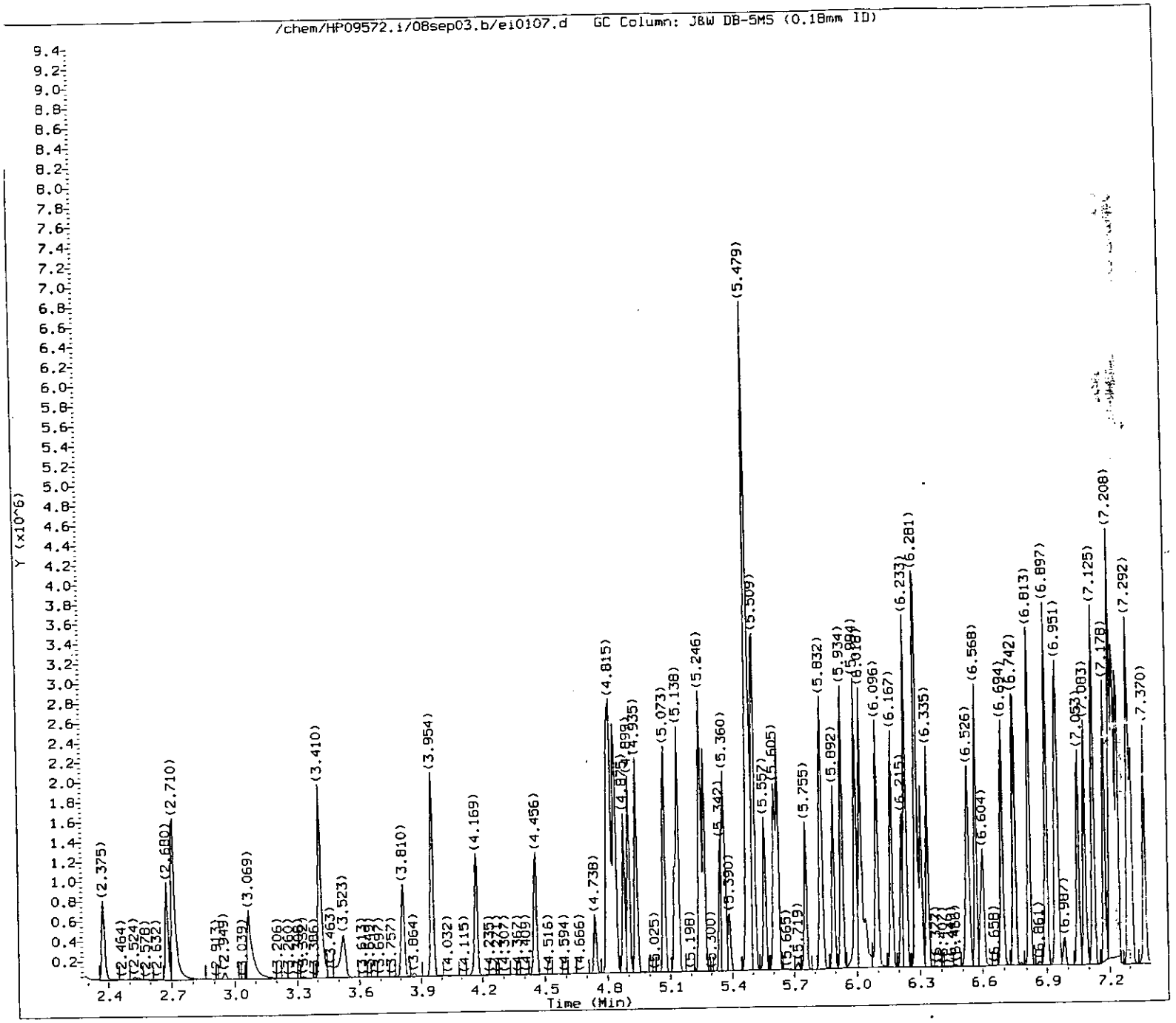
Lab Sample ID: STD2478

Compound Number	: 85
Compound Name	: 1-Chloronaphthalene
Scan Number	: 829
Retention Time (minutes)	: 7.238
Quant Ion	: 162
Area (flag)	: 423707 M
Concentration (ng/ul)	: 49.3812
Integration start scan	: 827 Integration stop scan: 831
Y at integration start	: 358 Y at integration end: 358

Reason for manual integration (circle one): missed peak improper integratio

Analyst responsible for change: lmh198 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

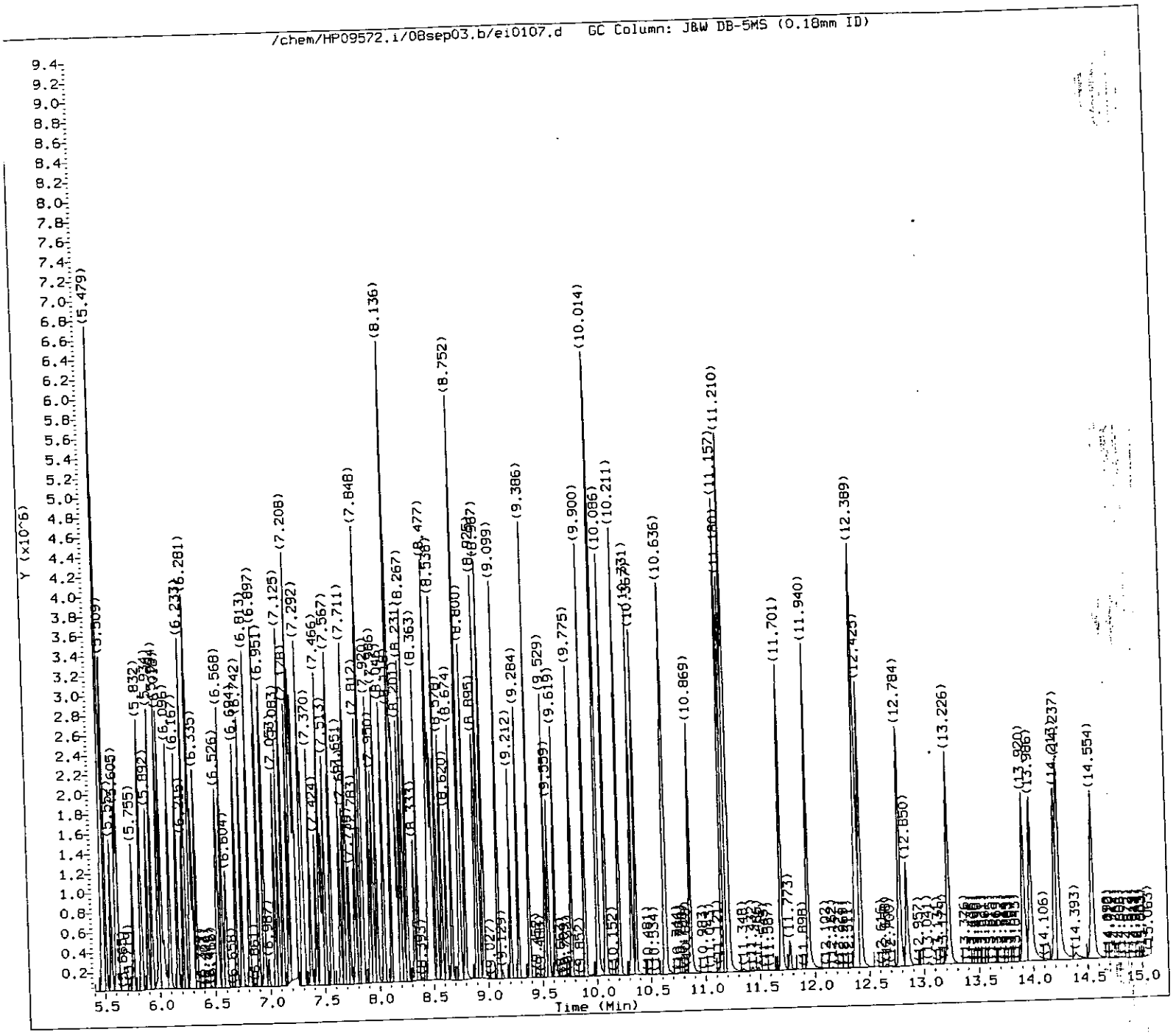
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

ASX04 0281

lmh 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

ASX84 8282

lmh 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area		Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	307265		86.6676
2) N-Nitrosodimethylamine	(1)	2.680	74	486026		88.9447
3) Pyridine	(1)	2.710	79	798085		87.2937
13) Aniline	(1)	4.833	93	944727		83.9014
16) Phenol	(1)	4.815	94	735598M		86.4040
18) bis(2-Chloroethyl)ether	(1)	4.899	93	547368		82.4984
19) 2-Chlorophenol	(1)	4.935	128	390594		82.5438
20) 1,3-Dichlorobenzene	(1)	5.073	146	389715		81.7601
21) 1,4-Dichlorobenzene-d4	(1)	5.120	152	114089		40.0000
22) 1,4-Dichlorobenzene	(1)	5.138	146	395825		81.3152
24) Benzyl alcohol	(1)	5.246	108	342239		85.0399
25) 1,2-Dichlorobenzene	(1)	5.264	146	368534		82.0435
26) 2-Methylphenol	(1)	5.342	108	414871		83.2373
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.366	45	498409		80.2253
28) bis(2-Chloroisopropyl)ether	(1)	5.366	45	498409		80.2253
30) Acetophenone	(1)	5.479	105	691051		81.1511
31) N-Nitroso-di-n-propylamine	(1)	5.491	70	499586		81.0294
33) 4-Methylphenol	(1)	5.479	108	475592		83.1839
34) o-Toluidine	(1)	5.509	106	764982		79.3973
37) Hexachloroethane	(1)	5.557	117	162843		80.9098
39) Nitrobenzene	(2)	5.623	77	673469		83.4537
41) Isophorone	(2)	5.832	82	1258463		84.8892
43) 2-Nitrophenol	(2)	5.892	139	204699		87.7762
45) 2,4-Dimethylphenol	(2)	5.934	107	496179		84.9034
47) bis(2-Chloroethoxy)methane	(2)	6.018	93	634423		81.7237
48) Benzoic acid	(2)	6.042	105	439398		92.0523
50) 2,4-Dichlorophenol	(2)	6.096	162	318734		84.7883
51) 1,2,4-Trichlorobenzene	(2)	6.167	180	309838		84.2944
53) Naphthalene-d8	(2)	6.215	136	502955		40.0000
54) Naphthalene	(2)	6.233	128	1144172		84.6119
56) 4-Chloroaniline	(2)	6.281	127	479983		83.5839
57) 2,6-Dichlorophenol	(2)	6.287	162	308228		83.5031
60) Hexachlorobutadiene	(2)	6.335	225	171360		83.1892
63) Caprolactam	(2)	6.604	113	173596	A	84.9108
68) 4-Chloro-3-methylphenol	(2)	6.694	107	436656		85.4936
70) 2-Methylnaphthalene	(2)	6.813	142	766139		84.7536
71) 1-Methylnaphthalene	(2)	6.897	142	761374		84.5788
72) Hexachlorocyclopentadiene	(3)	6.945	237	204289		92.6999
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	324728		82.6119
75) 2,4,6-Trichlorophenol	(3)	7.053	196	221778		81.9525
77) 2,4,5-Trichlorophenol	(3)	7.083	196	257577		83.4592
81) Biphenyl	(3)	7.208	154	928441		82.0282
82) Diphenyl	(3)	7.208	154	928441		82.0282

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 8283

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83)	1,1'-Biphenyl	(3)	7.208	154	928441	82.0282
84)	2-Chloronaphthalene	(3)	7.226	162	797007	77.3322
85)	1-Chloronaphthalene	(3)	7.244	162	687564	81.0261
88)	Diphenyl ether	(3)	7.292	170	512397	82.5773
89)	2-Nitroaniline	(3)	7.310	138	260039	85.4682
92)	Dimethylphthalate	(3)	7.466	163	860003	82.6727
94)	2,6-Dinitrotoluene	(3)	7.513	165	194852	83.6059
95)	Acenaphthylene	(3)	7.567	152	1143860	84.6119
97)	3-Nitroaniline	(3)	7.651	138	236172	86.1521
98)	Acenaphthene-d10	(3)	7.681	164	294993	40.0000
99)	Acenaphthene	(3)	7.711	153	689228	83.5879
100)	2,4-Dinitrophenol	(3)	7.735	184	111293	97.7598
101)	Pentachlorobenzene	(3)	7.812	250	315281	82.5303
103)	4-Nitrophenol	(3)	7.783	109	160039	85.9658
104)	Dibenzofuran	(3)	7.848	168	1069049	83.2064
105)	2,4-Dinitrotoluene	(3)	7.842	165	261408	84.6138
106)	1-Naphthylamine	(3)	7.920	143	752498	81.8610
107)	2,3,4,6-Tetrachlorophenol	(3)	7.950	232	208219	84.6623
108)	2-Naphthylamine	(3)	7.986	143	766235	83.0100
109)	Diethylphthalate	(3)	8.046	149	841491	84.4301
111)	Fluorene	(3)	8.136	166	854515	82.3515
112)	4-Chlorophenyl-phenylether	(3)	8.136	204	400486	82.2272
114)	4-Nitroaniline	(3)	8.159	138	235669	78.6749
115)	4,6-Dinitro-2-methylphenol	(4)	8.177	198	142404	94.3353
117)	N-Nitrosodiphenylamine	(4)	8.231	169	626019	81.0269
118)	1,2-Diphenylhydrazine	(4)	8.267	77	1543345	85.0977
126)	4-Bromophenyl-phenylether	(4)	8.536	248	246570	81.5571
128)	Hexachlorobenzene	(4)	8.578	284	260697	79.6704
132)	Pentachlorophenol	(4)	8.746	266	179199	88.6806
133)	Pentachloronitrobenzene	(4)	8.752	237	108108	78.8898
136)	Phenanthrene-d10	(4)	8.907	188	547430	40.0000
138)	Phenanthrene	(4)	8.925	178	1187973	83.1684
139)	Anthracene	(4)	8.967	178	1267323	83.2499
141)	Carbazole	(4)	9.099	167	1274276	84.5606
143)	Di-n-butylphthalate	(4)	9.386	149	1541182	86.9283
148)	Fluoranthene	(4)	9.900	202	1420829	84.9452
153)	Benzidine	(5)	10.020	184	2381292	262.2546
155)	Pyrene	(5)	10.086	202	1432425	84.6693
162)	Butylbenzylphthalate	(5)	10.642	149	681559	87.6101
165)	3,3'-Dichlorobenzidine	(5)	11.151	252	534290	88.9553
166)	4,4'-Methylenebis(2-Chloroanil	(5)	11.157	231	279297	91.4993
167)	Benzo(a)anthracene	(5)	11.180	228	1428276	86.5196
168)	Chrysene-d12	(5)	11.186	240	580161	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 0204

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

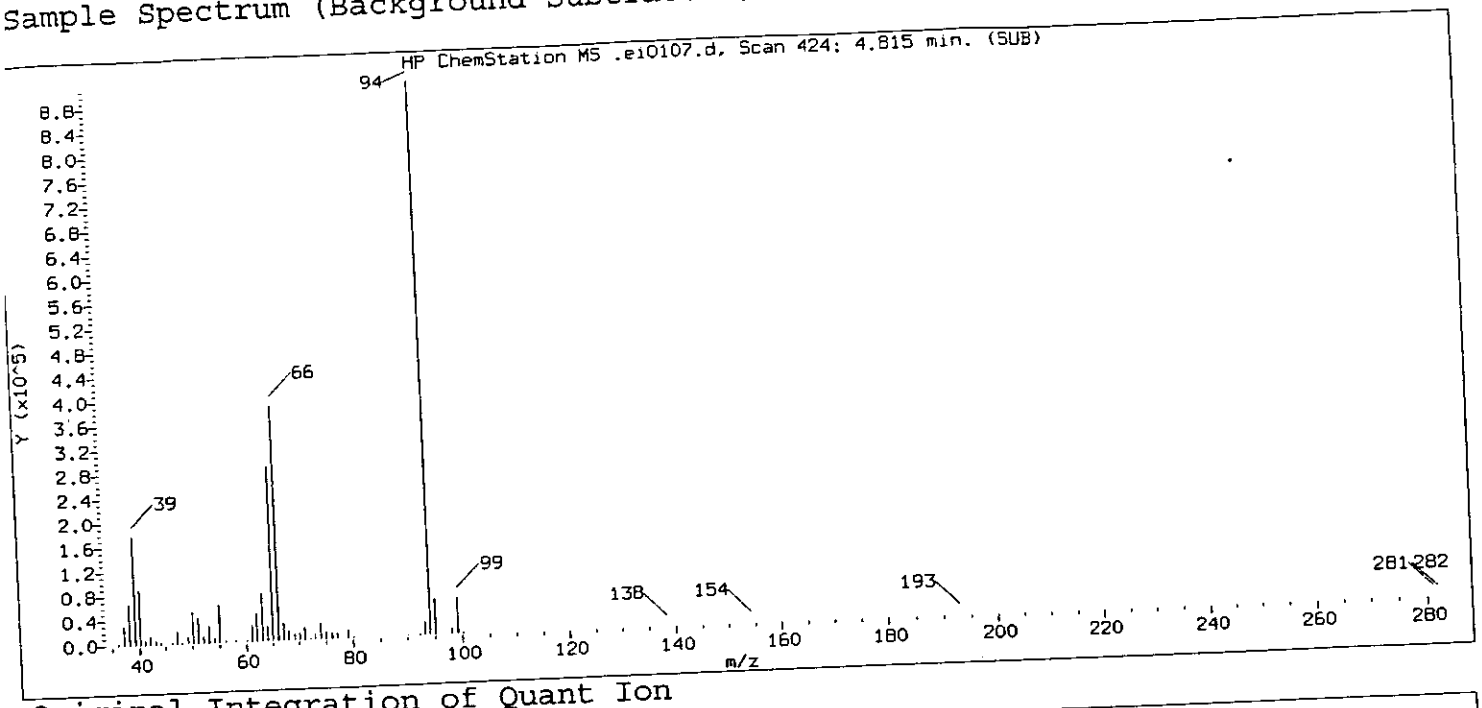
Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.216	228	1283778	80.7330
170) bis(2-Ethylhexyl)phthalate	(5)	11.204	149	846560	85.9676
171) Di-n-octylphthalate	(6)	11.940	149	1539559	92.6057
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.389	256	737947	88.6360
173) Benzo(b)fluoranthene	(6)	12.395	252	1404885	87.2257
174) Benzo(k)fluoranthene	(6)	12.425	252	1471683	87.3861
175) Benzo(a)pyrene	(6)	12.784	252	1346438	93.0570
176) Perylene-d12	(6)	12.850	264	446579	40.0000
177) 3-Methylcholanthrene	(6)	13.226	268	753847	89.2857
178) Dibenz(a,h)acridine	(6)	13.920	279	1098166M	93.8954
179) Dibenz(a,j)acridine	(6)	13.986	279	1178989	87.0159
180) Indeno(1,2,3-cd)pyrene	(6)	14.207	276	1539172	88.0931
181) Dibenz(a,h)anthracene	(6)	14.237	278	1240409M	92.0698
182) Benzo(g,h,i)perylene	(6)	14.554	276	1271860	85.8920
9) 2-Fluorophenol	(1)	3.954	112	459983	85.7598
14) Phenol-d5	(1)	4.803	99	716130	86.3125
15) Phenol-d6	(1)	4.803	99	716130	86.3125
38) Nitrobenzene-d5	(2)	5.605	82	637978	85.4521
78) 2-Fluorobiphenyl	(3)	7.125	172	848644	83.3107
119) 2,4,6-Tribromophenol	(3)	8.333	330	134632	83.8154
157) Terphenyl-d14	(5)	10.211	244	1137936	86.0541

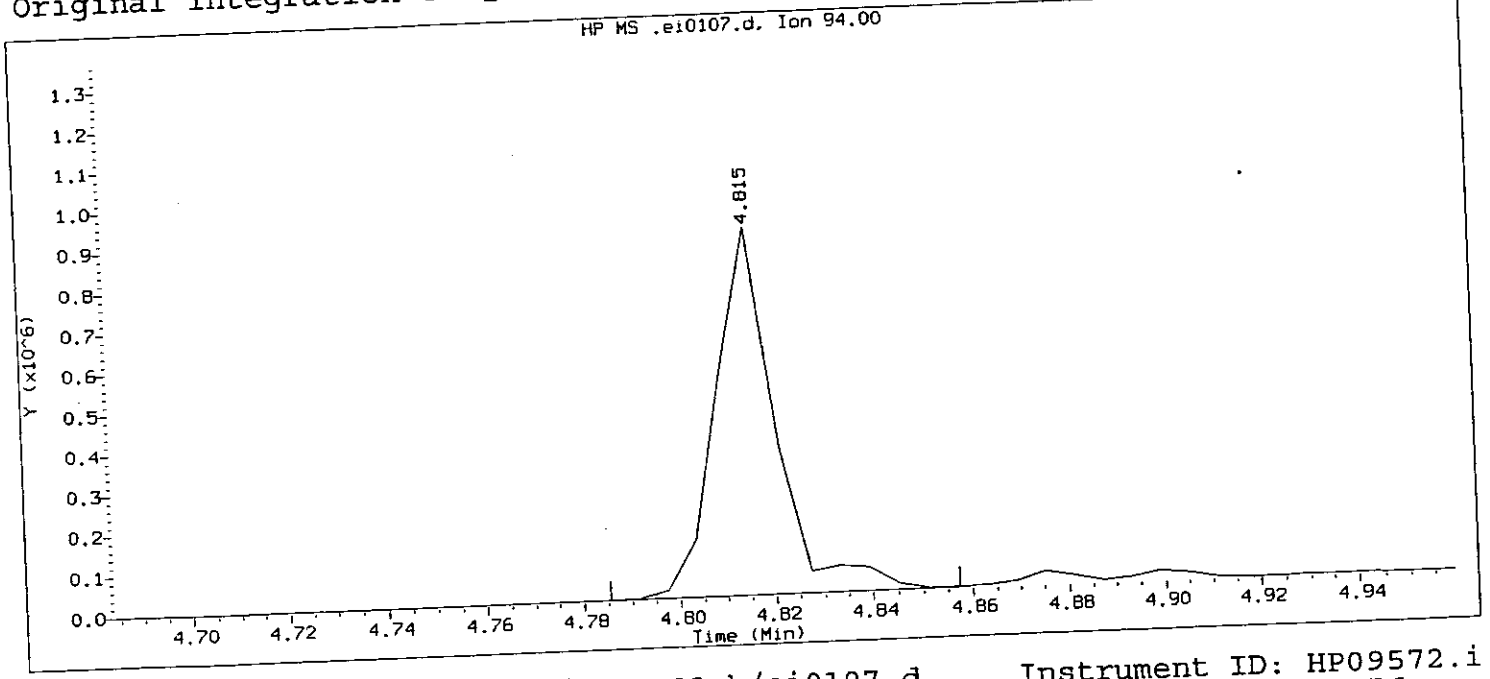
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:34
Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sublist used: all1

Sample Name: SSTD080

Lab Sample ID: STD2478

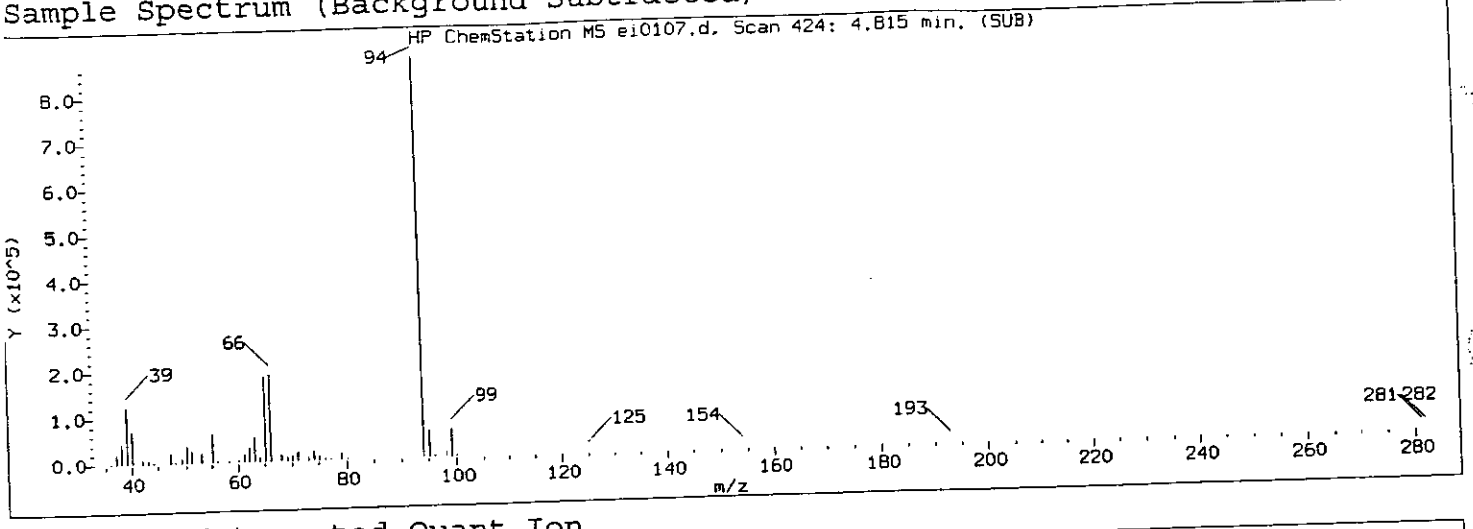
Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	424
Retention Time (minutes)	:	4.815
Quant Ion	:	94
Area	:	786239
Concentration (ng/ul)	:	88.7142
Integration start scan	:	418
Y at integration start	:	0

Integration stop scan: 430
Y at integration end: 0

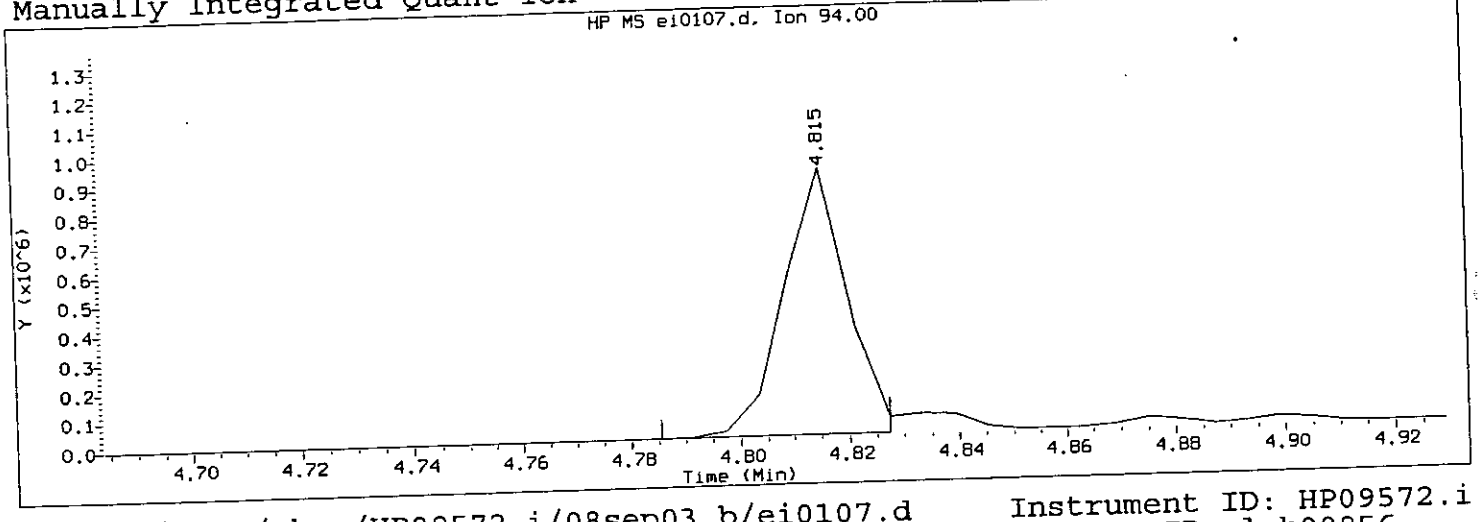
lmn195 09/03/08 ASX84 8286

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

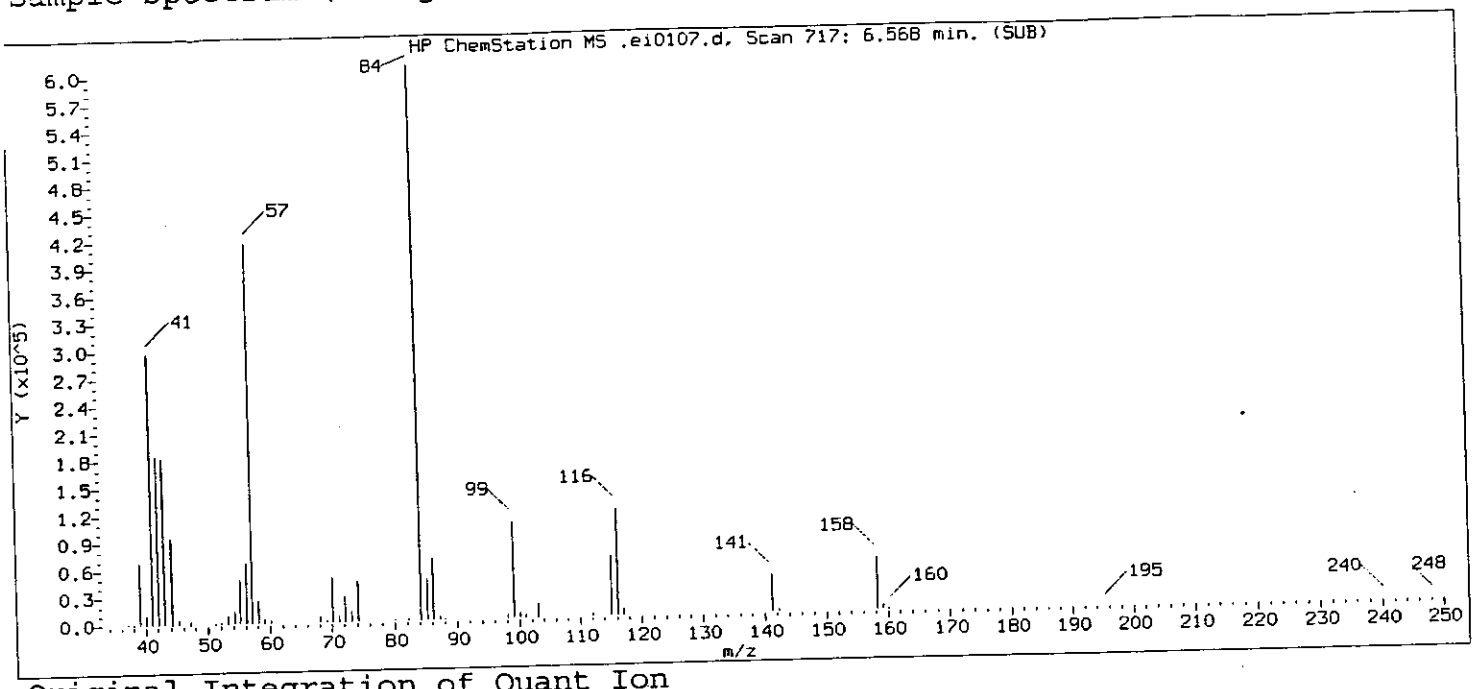
Compound Number : 16
Compound Name : Phenol
Scan Number : 424
Retention Time (minutes): 4.815
Quant Ion : 94
Area (flag) : 735598 M
Concentration (ng/ul) : 86.4040
Integration start scan : 418 Integration stop scan: 425
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

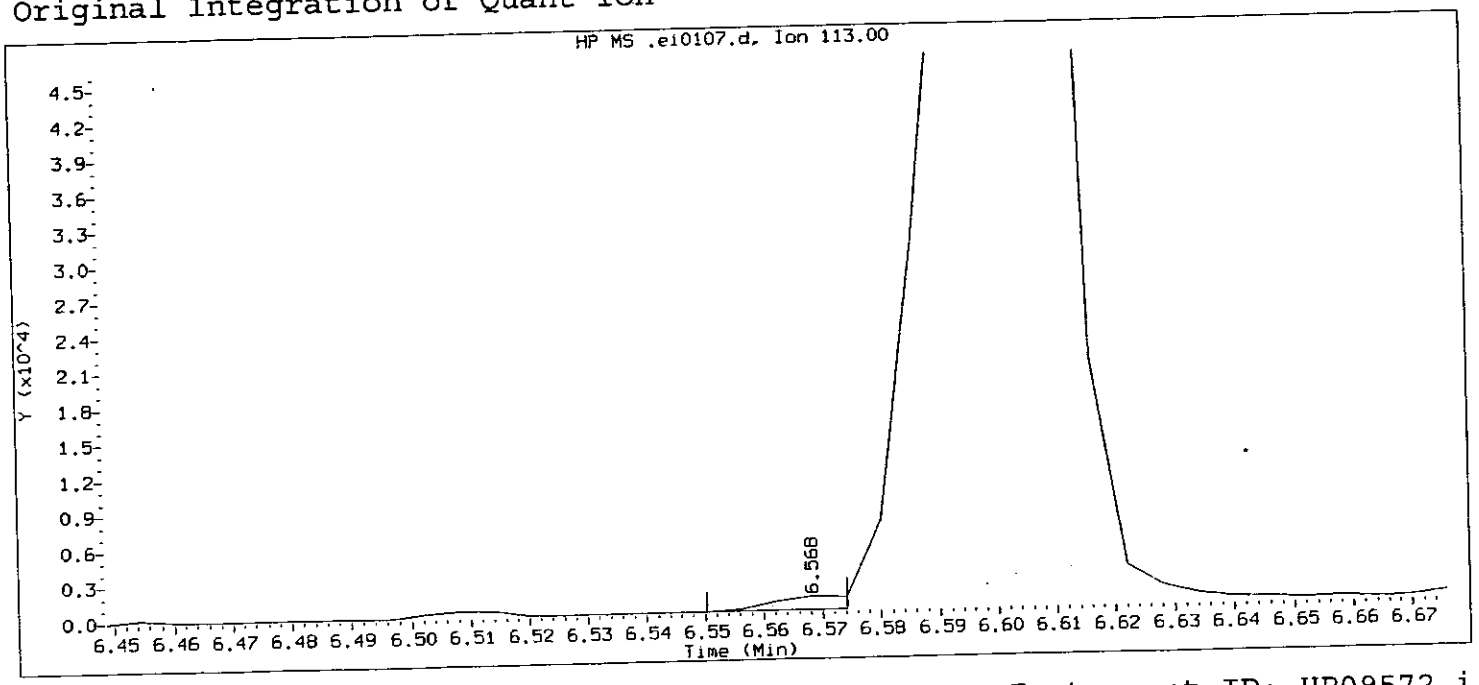
Analyst responsible for change: lmh956 09/03/08

GC/MS audit/management approval: [illegible] 9/3/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:34

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080

Lab Sample ID: STD2478

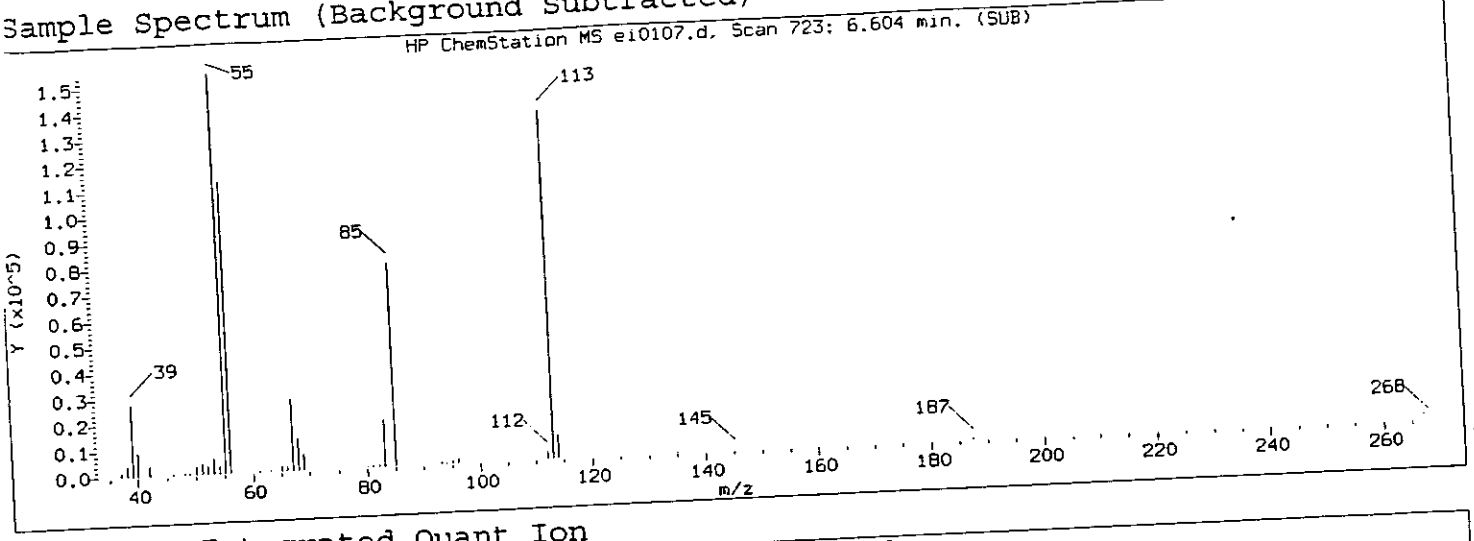
Compound Number : 63
Compound Name : Caprolactam
Scan Number : 717
Retention Time (minutes): 6.568
Quant Ion : 113
Area : 915
Concentration (ng/ul) : 0.5675
Integration start scan : 713 Integration stop scan: 717
Y at integration start : 0 Y at integration end: 0

lmh 09/03/08

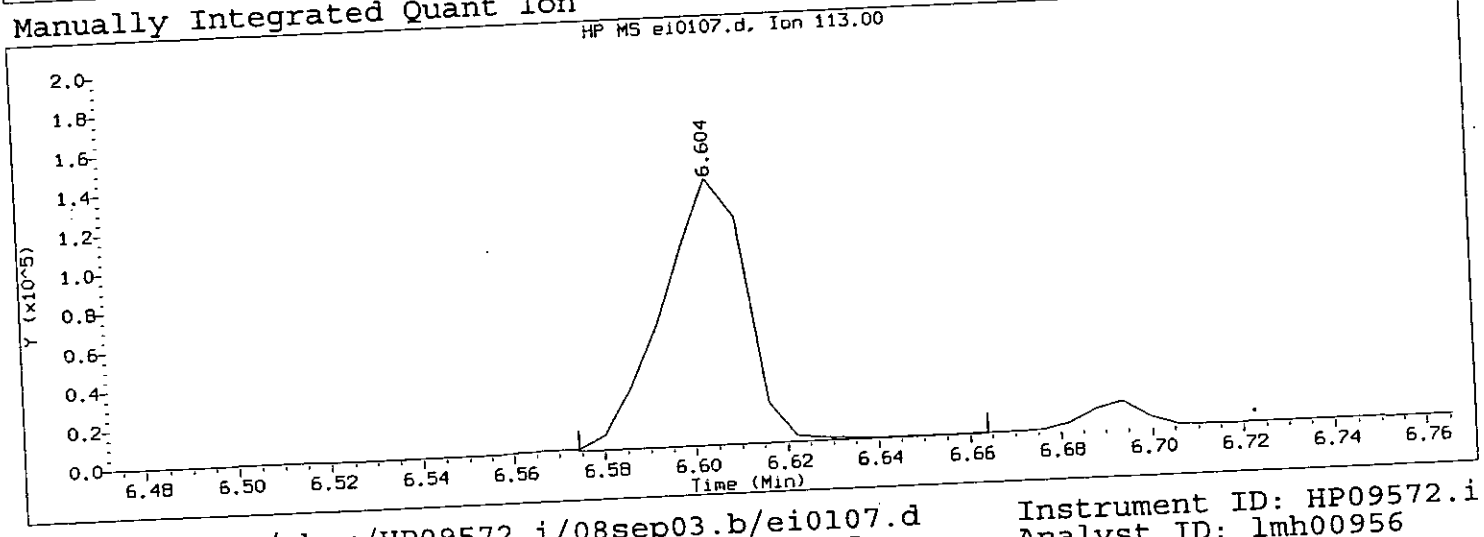
ASX84 8288

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m

Sublist used: all1

Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

Compound Number	: 63
Compound Name	: Caprolactam
Scan Number	: 723
Retention Time (minutes)	: 6.604
Quant Ion	: 113
Area (flag)	: 173596A
Concentration (ng/ul)	: 84.9108
Integration start scan	: 717
Y at integration start	: 0

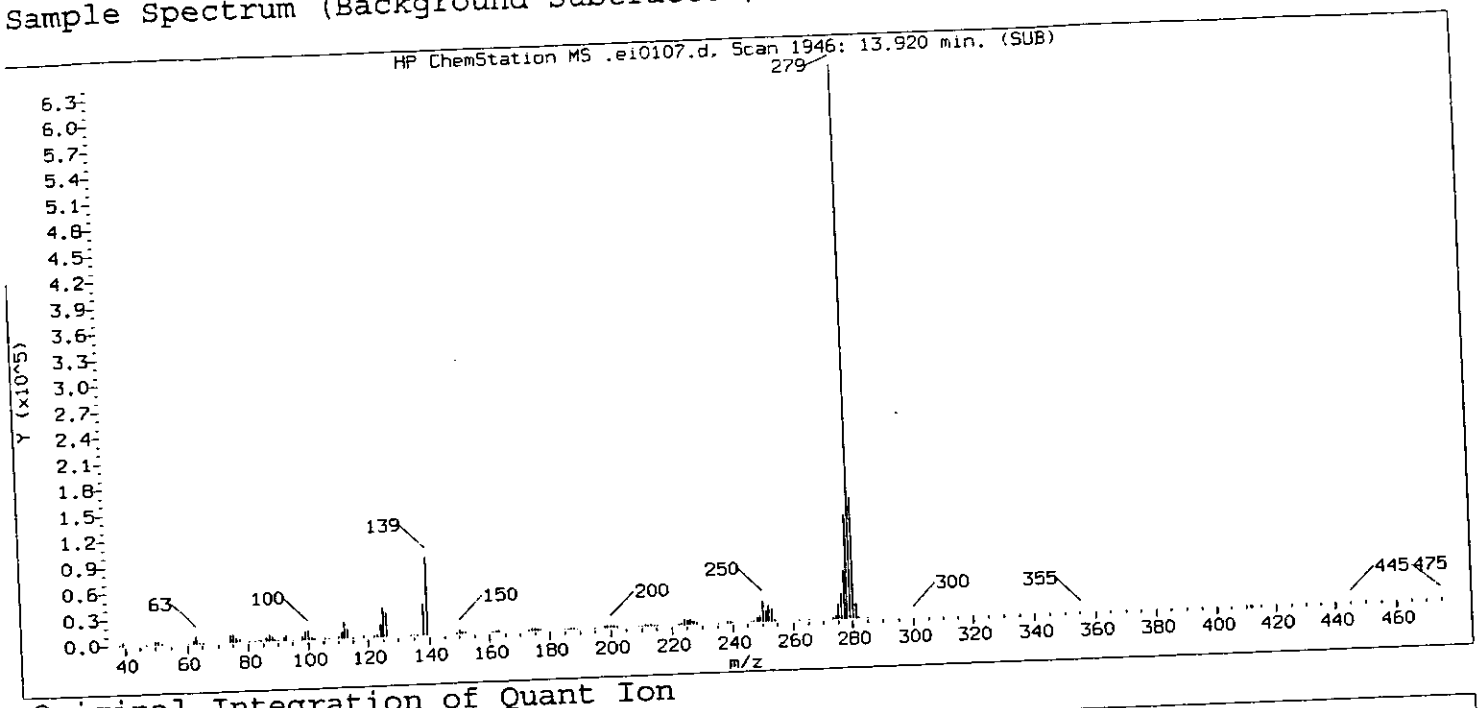
Integration stop scan: 732
Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integratio

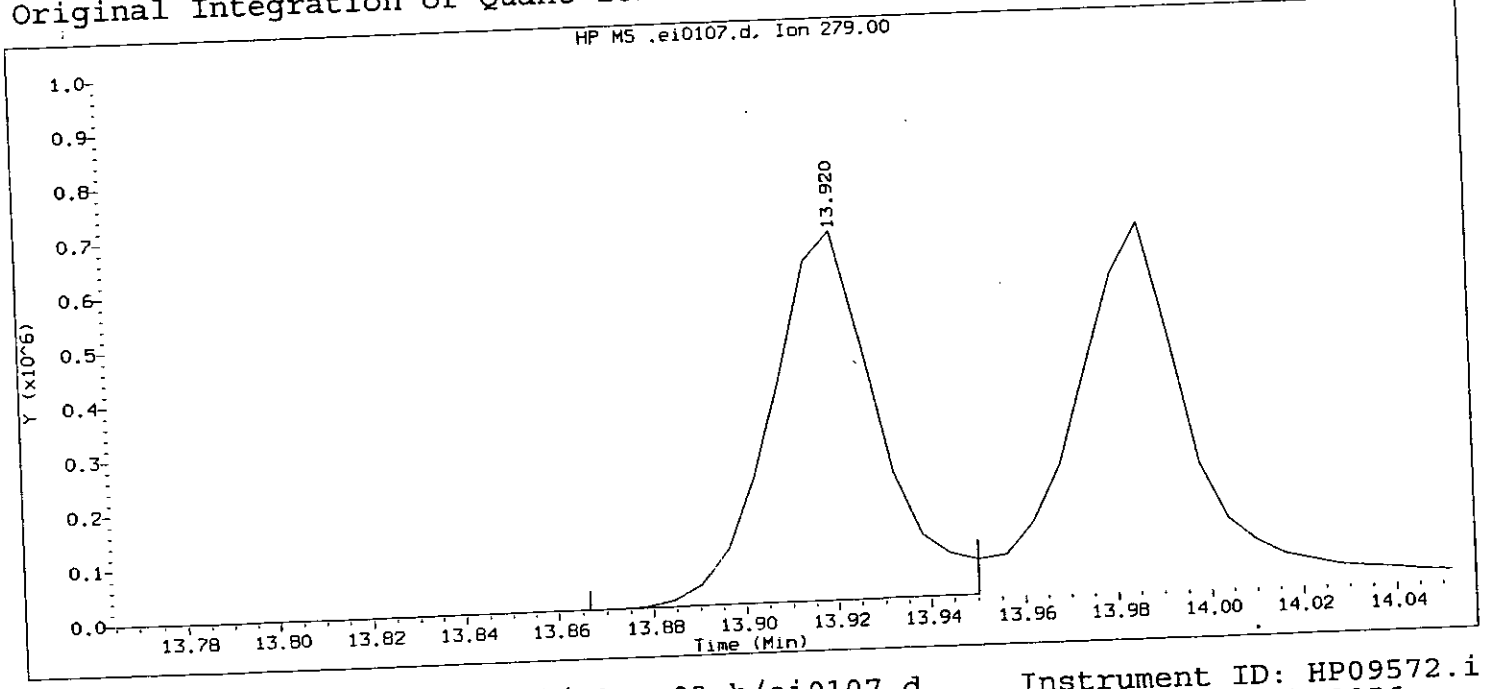
Analyst responsible for change: LMM198 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:34

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080

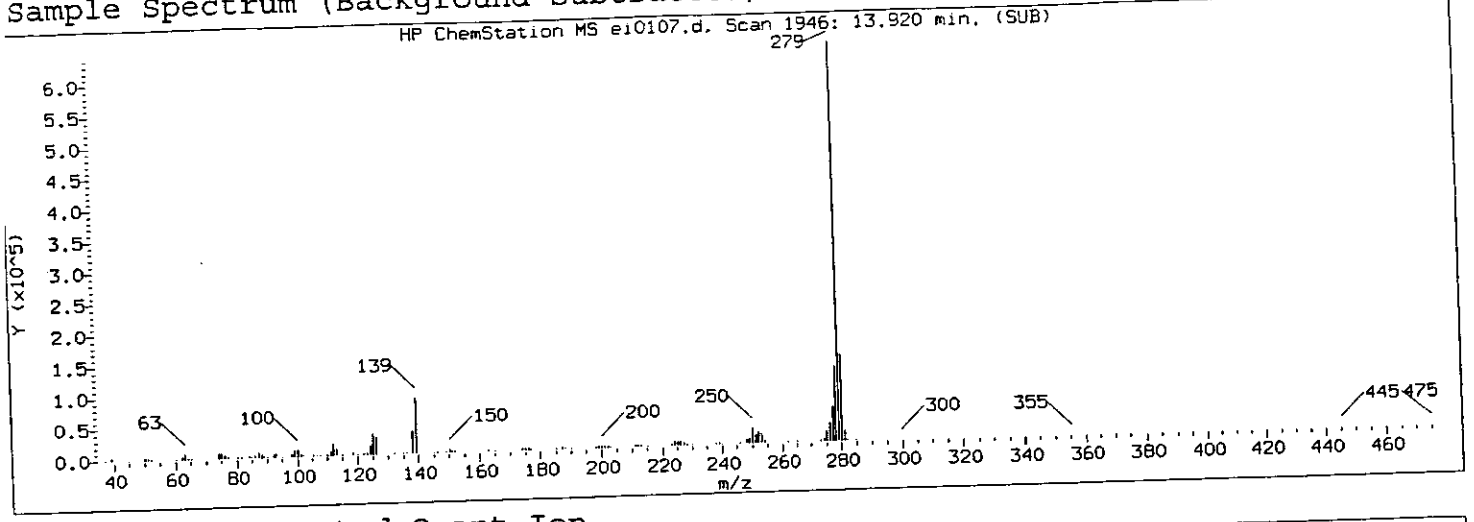
Lab Sample ID: STD2478

Compound Number	: 178
Compound Name	: Dibenz(a,h)acridine
Scan Number	: 1946
Retention Time (minutes)	: 13.920
Quant Ion	: 279
Area	: 1080569
Concentration (ng/ul)	: 93.0729
Integration start scan	: 1936
Integration stop scan	: 1950
Y at integration start	: 0
Y at integration end	: 2902

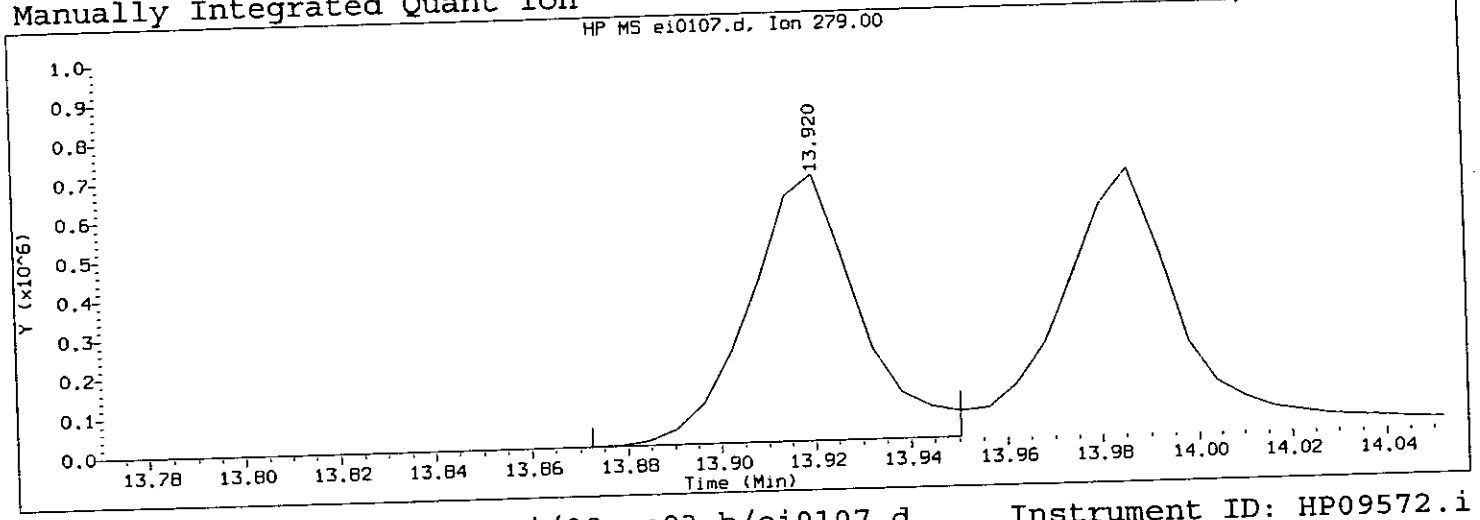
LMM195 09/03/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD080

Lab Sample ID: STD2478

Compound Number	:	178
Compound Name	:	Dibenz(a,h)acridine
Scan Number	:	1946
Retention Time (minutes)	:	13.920
Quant Ion	:	279
Area (flag)	:	1098166 M
Concentration (ng/ul)	:	93.8954
Integration start scan	:	1937
Y at integration start	:	325

Integration stop scan: 1950
Y at integration end: 325

Reason for manual integration (circle one): missed peak improper integration

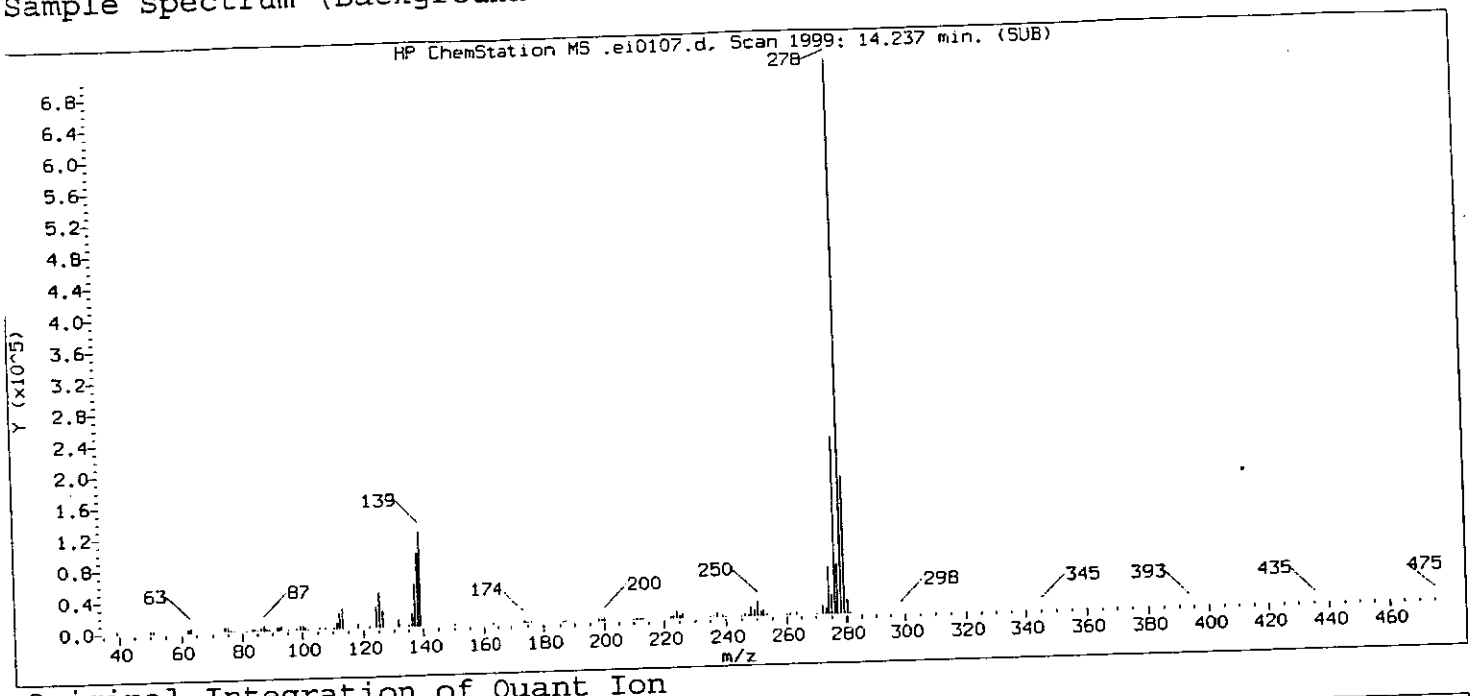
Analyst responsible for change: lmh19S 09/03/08

GC/MS audit/management approval: BBwnor 9/5/08

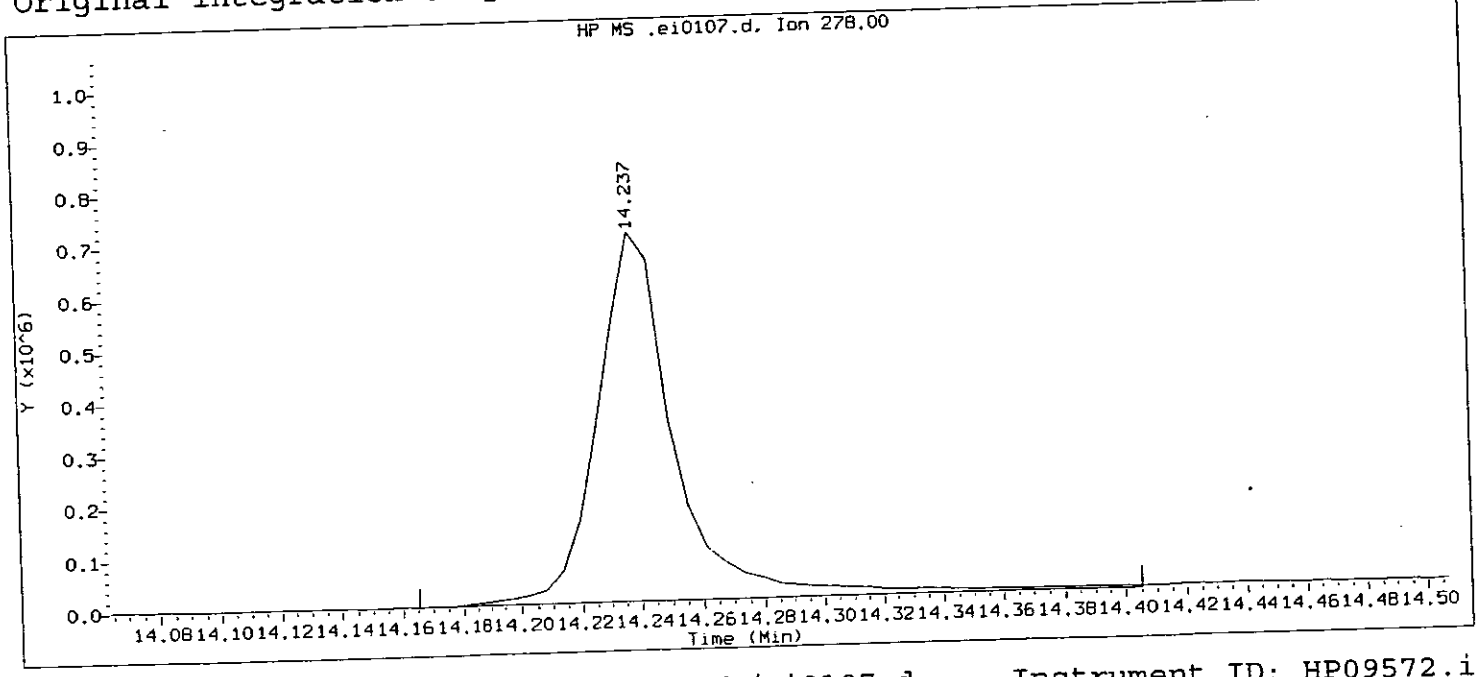
MSX84 8291

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d
Injection date and time: 03-SEP-2008 22:17

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:34

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080

Lab Sample ID: STD2478

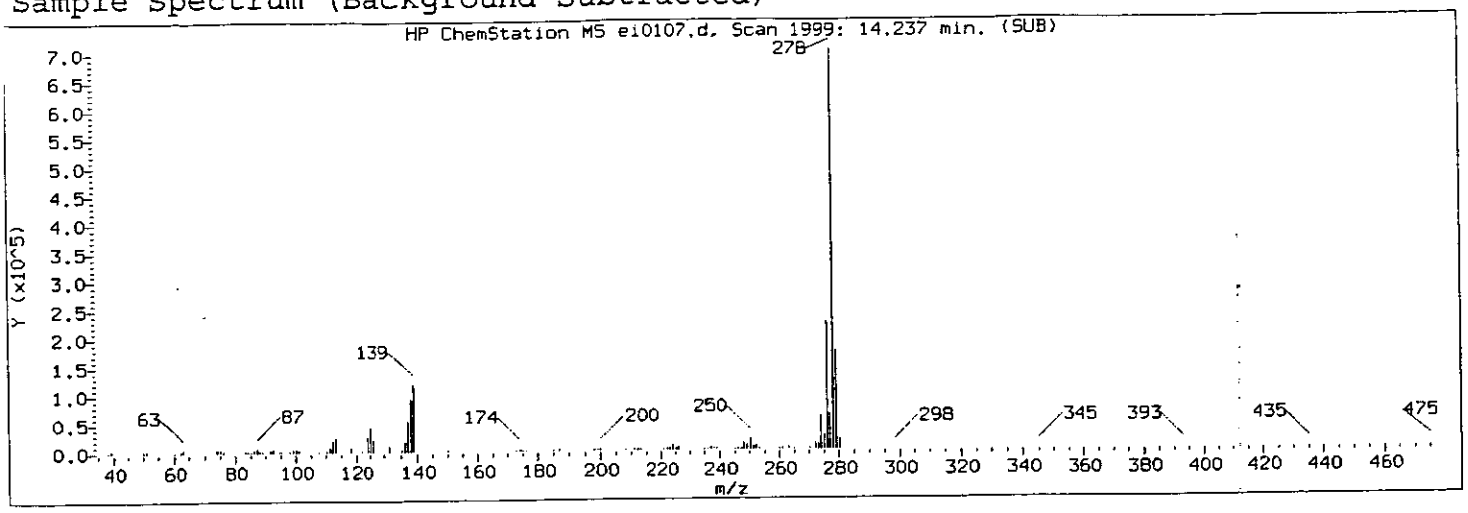
Compound Number	:	181
Compound Name	:	Dibenz(a,h)anthracene
Scan Number	:	1999
Retention Time (minutes)	:	14.237
Quant Ion	:	278
Area	:	1270263
Concentration (ng/ul)	:	89.2189
Integration start scan	:	1986
Y at integration start	:	77

Integration stop scan: 2026
Y at integration end: 100

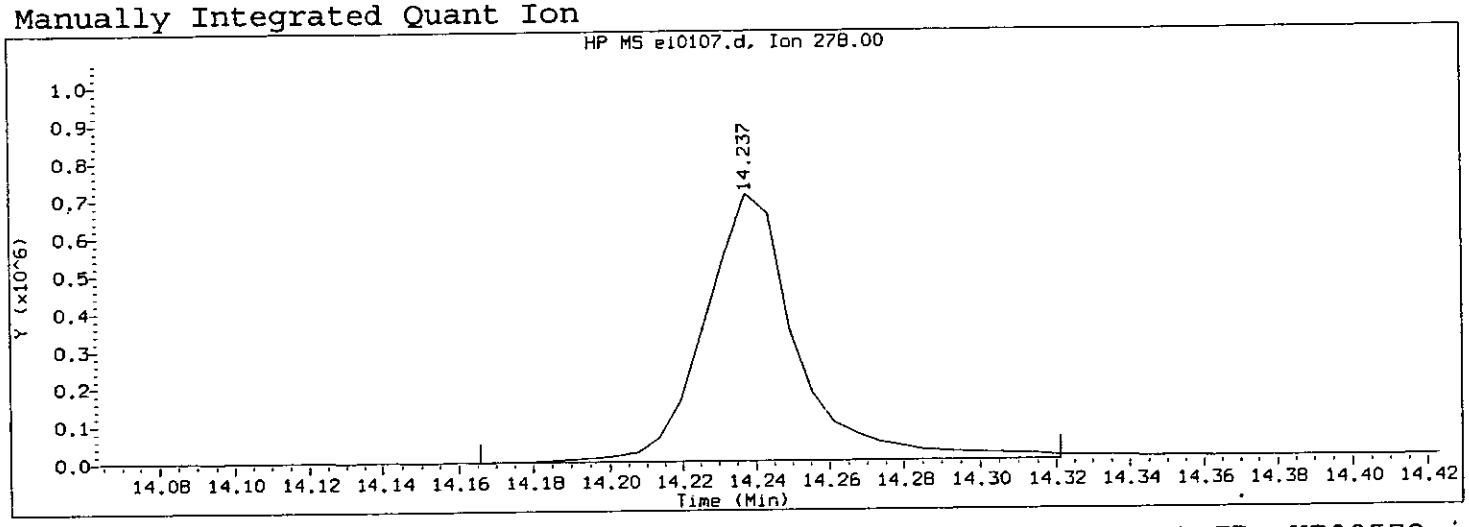
LMN198 09/03/08 ASX84 0292

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0107.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:17 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

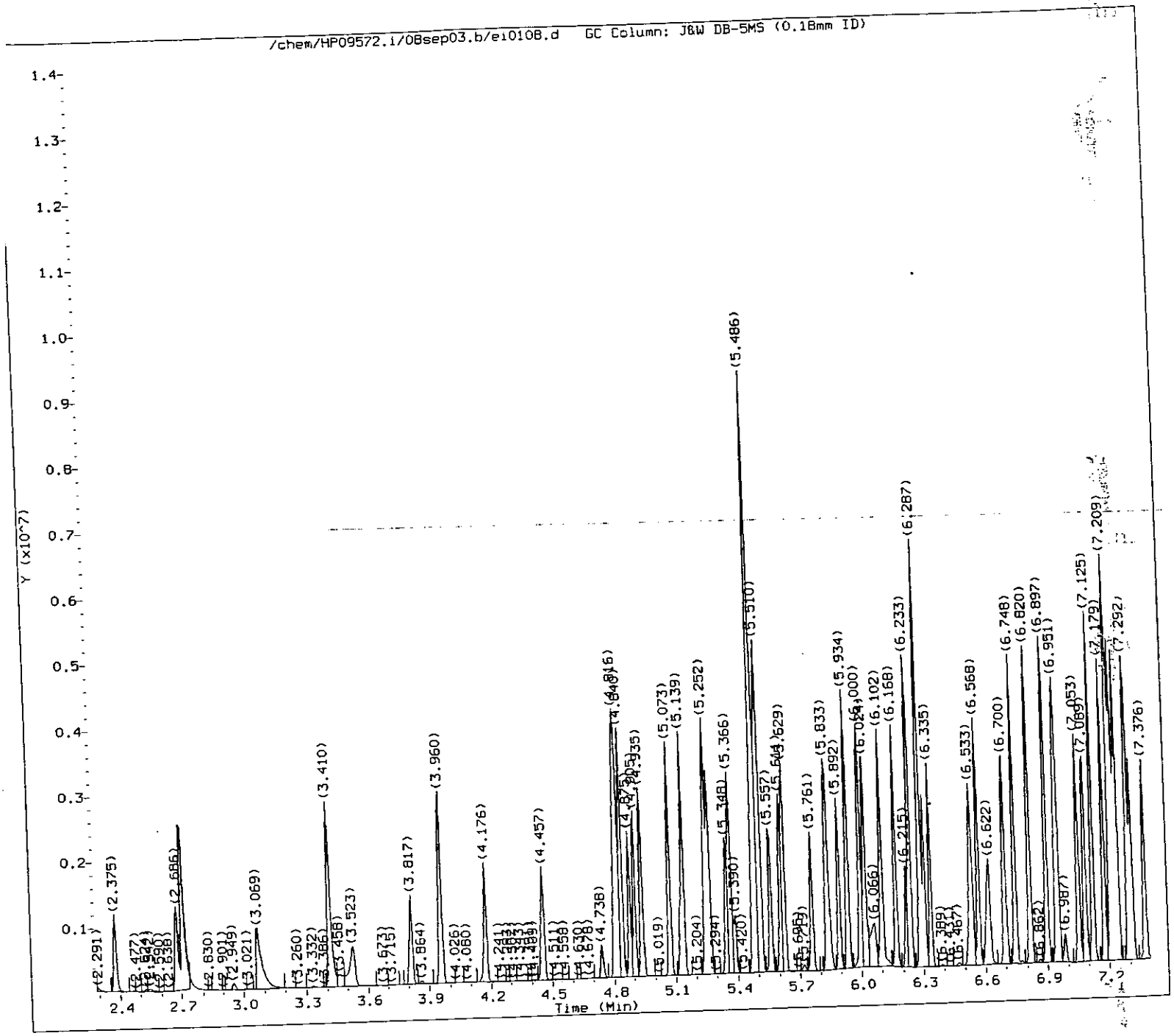
Sample Name: SSTD080 Lab Sample ID: STD2478

Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1999
Retention Time (minutes): 14.237
Quant Ion : 278
Area (flag) : 1240409 M
Concentration (ng/ul) : 92.0698
Integration start scan : 1986 Integration stop scan: 2012
Y at integration start : 77 Y at integration end: 91

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: MM198 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

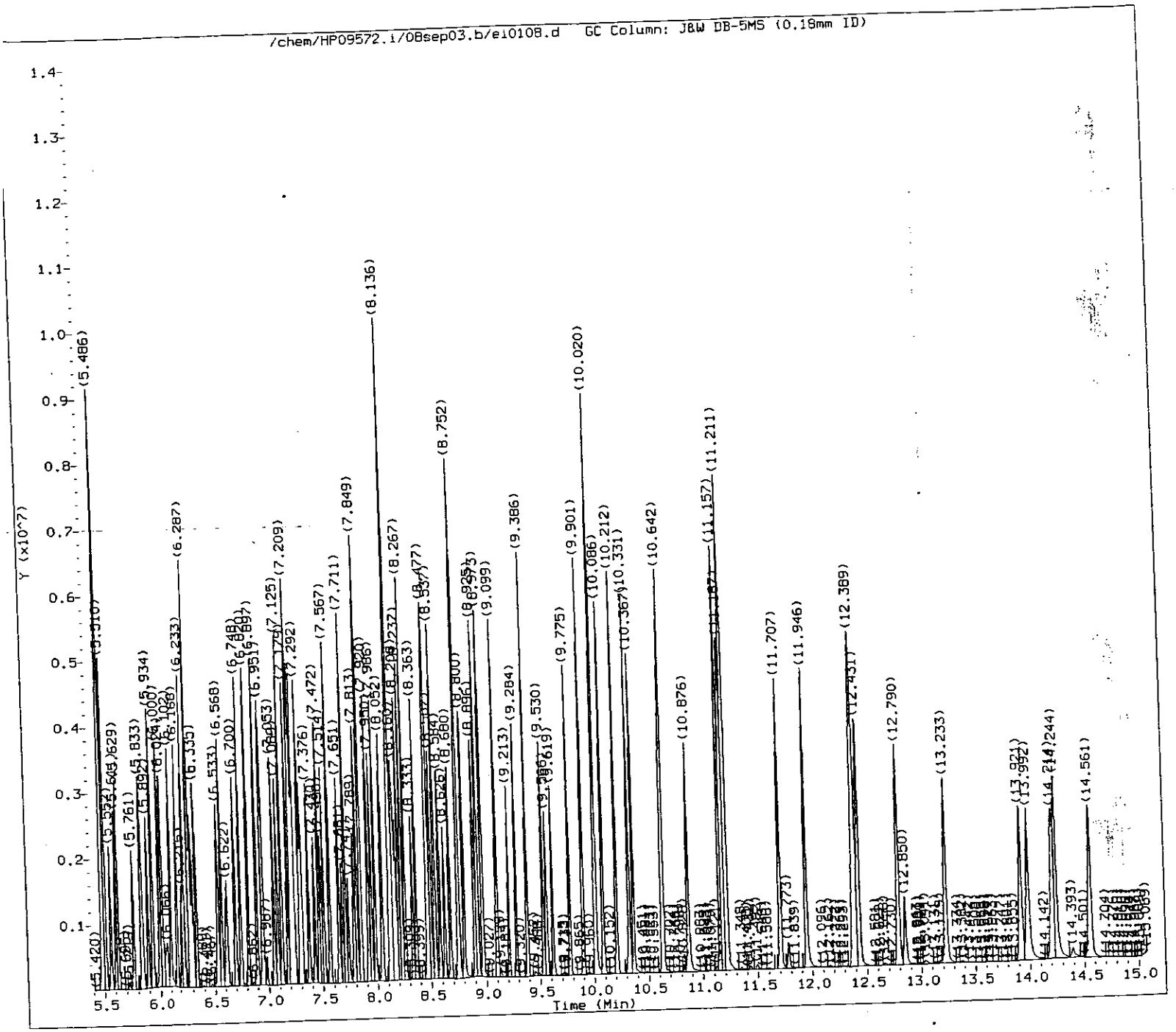
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

ASX04 0294

lmh198 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

ASX84 8295

Lmn 195 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area		Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	447609		128.5968
2) N-Nitrosodimethylamine	(1)	2.686	74	725484		133.9962
3) Pyridine	(1)	2.710	79	1213265		133.9463
13) Aniline	(1)	4.840	93	1386074		125.9447
16) Phenol	(1)	4.822	94	1134536M		134.4043
18) bis(2-Chloroethyl)ether	(1)	4.905	93	815136		125.7407
19) 2-Chlorophenol	(1)	4.935	128	563979		122.6235
20) 1,3-Dichlorobenzene	(1)	5.073	146	577147		124.2387
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	110405		40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	580549		122.6904
24) Benzyl alcohol	(1)	5.252	108	514456		129.9152
25) 1,2-Dichlorobenzene	(1)	5.264	146	535882		122.7206
26) 2-Methylphenol	(1)	5.348	108	619145		126.8921
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.366	45	730177		121.2085
28) bis(2-Chloroisopropyl)ether	(1)	5.366	45	730177		121.2085
30) Acetophenone	(1)	5.480	105	1006715		121.7985
31) N-Nitroso-di-n-propylamine	(1)	5.498	70	712227		119.4770
33) 4-Methylphenol	(1)	5.486	108	687356		123.5080
34) o-Toluidine	(1)	5.510	106	1081612		116.6532
37) Hexachloroethane	(1)	5.557	117	236771		121.3030
39) Nitrobenzene	(2)	5.629	77	1006244		123.1356
41) Isophorone	(2)	5.833	82	1858681		123.6973
43) 2-Nitrophenol	(2)	5.892	139	303006		127.3955
45) 2,4-Dimethylphenol	(2)	5.934	107	734499		123.9478
47) bis(2-Chloroethoxy)methane	(2)	6.024	93	962354	A	122.5427
48) Benzoic acid	(2)	6.066	105	668597		135.4652
50) 2,4-Dichlorophenol	(2)	6.102	162	478859		125.3331
51) 1,2,4-Trichlorobenzene	(2)	6.168	180	461131		123.7614
53) Naphthalene-d8	(2)	6.215	136	506642		40.0000
54) Naphthalene	(2)	6.233	128	1732829		125.9493
56) 4-Chloroaniline	(2)	6.287	127	697646		120.5025
57) 2,6-Dichlorophenol	(2)	6.287	162	454591		121.8763
60) Hexachlorobutadiene	(2)	6.335	225	253185		121.6769
63) Caprolactam	(2)	6.622	113	248783	A	120.6671
68) 4-Chloro-3-methylphenol	(2)	6.700	107	652581		125.6465
70) 2-Methylnaphthalene	(2)	6.820	142	1126279		123.0570
71) 1-Methylnaphthalene	(2)	6.897	142	1134576		124.2361
72) Hexachlorocyclopentadiene	(3)	6.945	237	309741		134.1229
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.957	216	483011		120.0721
75) 2,4,6-Trichlorophenol	(3)	7.053	196	331573		119.7829
77) 2,4,5-Trichlorophenol	(3)	7.089	196	390411		123.0051
81) Biphenyl	(3)	7.209	154	1384512		119.6181
82) Diphenyl	(3)	7.209	154	1384512		119.6181

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 0296

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83)	1,1'-Biphenyl	(3)	7.209	154	1384512	119.6181
84)	2-Chloronaphthalene	(3)	7.226	162	1090519	105.8455
85)	1-Chloronaphthalene	(3)	7.244	162	1097818	125.3125
88)	Diphenyl ether	(3)	7.292	170	753905	118.9455
89)	2-Nitroaniline	(3)	7.310	138	386241	123.3661
92)	Dimethylphthalate	(3)	7.472	163	1283725	120.5000
94)	2,6-Dinitrotoluene	(3)	7.514	165	290796	121.6098
95)	Acenaphthylene	(3)	7.567	152	1725598	123.9258
97)	3-Nitroaniline	(3)	7.651	138	347403	123.1889
98)	Acenaphthene-d10	(3)	7.681	164	301854	40.0000
99)	Acenaphthene	(3)	7.711	153	1022286	120.9671
100)	2,4-Dinitrophenol	(3)	7.741	184	174312	143.7198
101)	Pentachlorobenzene	(3)	7.813	250	465691	119.2757
103)	4-Nitrophenol	(3)	7.789	109	256341M	131.8970
104)	Dibenzofuran	(3)	7.855	168	1576205	119.9092
105)	2,4-Dinitrotoluene	(3)	7.849	165	391944	123.3006
106)	1-Naphthylamine	(3)	7.920	143	1108483	118.1998
107)	2,3,4,6-Tetrachlorophenol	(3)	7.950	232	310636	122.8485
108)	2-Naphthylamine	(3)	7.986	143	1117190	118.5630
109)	Diethylphthalate	(3)	8.052	149	1223786	119.9970
111)	Fluorene	(3)	8.136	166	1260075	118.8947
112)	4-Chlorophenyl-phenylether	(3)	8.136	204	589497	118.5663
114)	4-Nitroaniline	(3)	8.172	138	348503 A	114.7024
115)	4,6-Dinitro-2-methylphenol	(4)	8.184	198	219394	142.1190
117)	N-Nitrosodiphenylamine	(4)	8.237	169	936327	122.5253
118)	1,2-Diphenylhydrazine	(4)	8.267	77	2269603	125.8224
126)	4-Bromophenyl-phenylether	(4)	8.537	248	361796	121.2467
128)	Hexachlorobenzene	(4)	8.584	284	384050	119.3007
132)	Pentachlorophenol	(4)	8.746	266	267631	131.8189
133)	Pentachloronitrobenzene	(4)	8.758	237	159670	118.5777
136)	Phenanthrene-d10	(4)	8.907	188	539188	40.0000
138)	Phenanthrene	(4)	8.925	178	1764031	124.4544
139)	Anthracene	(4)	8.973	178	1896756	125.3696
141)	Carbazole	(4)	9.099	167	1891288	126.1234
143)	Di-n-butylphthalate	(4)	9.386	149	2279644	128.6612
148)	Fluoranthene	(4)	9.901	202	2130516	127.6685
153)	Benzidine	(5)	10.020	184	3275625	378.6448
155)	Pyrene	(5)	10.086	202	2118768	130.5022
162)	Butylbenzylphthalate	(5)	10.642	149	999284	133.2309
165)	3,3'-Dichlorobenzidine	(5)	11.157	252	780439	134.4839
166)	4,4'-Methylenebis(2-Chloroanil	(5)	11.163	231	408751	137.8080
167)	Benzo(a)anthracene	(5)	11.181	228	2057407	130.2923
168)	Chrysene-d12	(5)	11.193	240	547015	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 0297

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

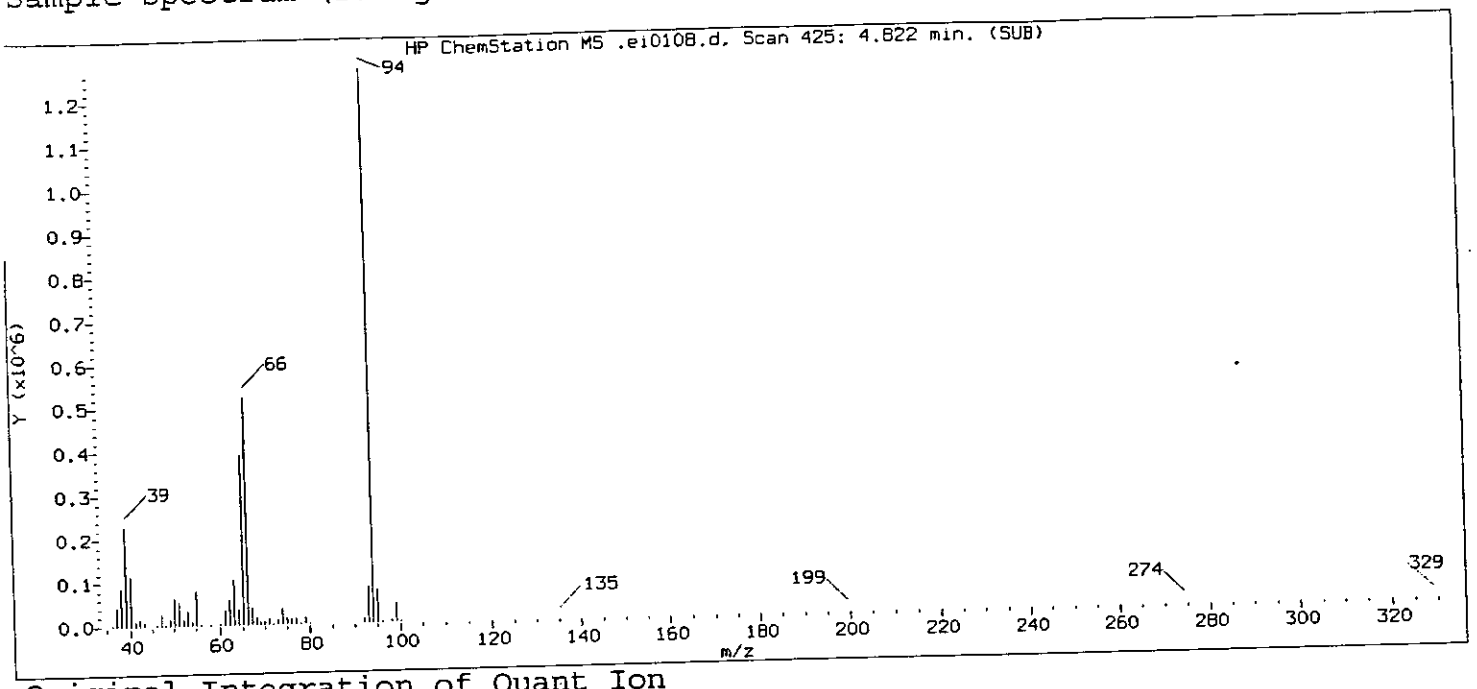
	Compounds	I.S. Ref.	RT	QIon	Area		Conc. (on column)
169)	Chrysene	(5)	11.223	228	1852797		122.9662
170)	bis(2-Ethylhexyl)phthalate	(5)	11.211	149	1235243		130.6726
171)	Di-n-octylphthalate	(6)	11.946	149	2327725		140.2055
172)	7,12-Dimethylbenz[a]anthracene	(6)	12.389	256	1078744		131.6590
173)	Benzo(b)fluoranthene	(6)	12.401	252	2049385		130.0200
174)	Benzo(k)fluoranthene	(6)	12.437	252	2090845	A	127.3411
175)	Benzo(a)pyrene	(6)	12.790	252	1938707		135.8021
176)	Perylene-d12	(6)	12.850	264	430952		40.0000
177)	3-Methylcholanthrene	(6)	13.233	268	1096036		131.8623
178)	Dibenz(a,h)acridine	(6)	13.927	279	1609028		138.2318
179)	Dibenz(a,j)acridine	(6)	13.992	279	1768008		132.4212
180)	Indeno(1,2,3-cd)pyrene	(6)	14.214	276	2187354		128.0009
181)	Dibenz(a,h)anthracene	(6)	14.250	278	1802622		135.6402
182)	Benzo(g,h,i)perylene	(6)	14.561	276	1792277		124.4879
9)	2-Fluorophenol	(1)	3.960	112	698844		131.9576
14)	Phenol-d5	(1)	4.810	99	1062546		130.1085
15)	Phenol-d6	(1)	4.810	99	1062546		130.1085
38)	Nitrobenzene-d5	(2)	5.611	82	943842		124.5487
78)	2-Fluorobiphenyl	(3)	7.125	172	1256005		120.4151
119)	2,4,6-Tribromophenol	(3)	8.333	330	208017		125.4156
157)	Terphenyl-d14	(5)	10.212	244	1693279		132.8919

M = Compound was manually integrated.

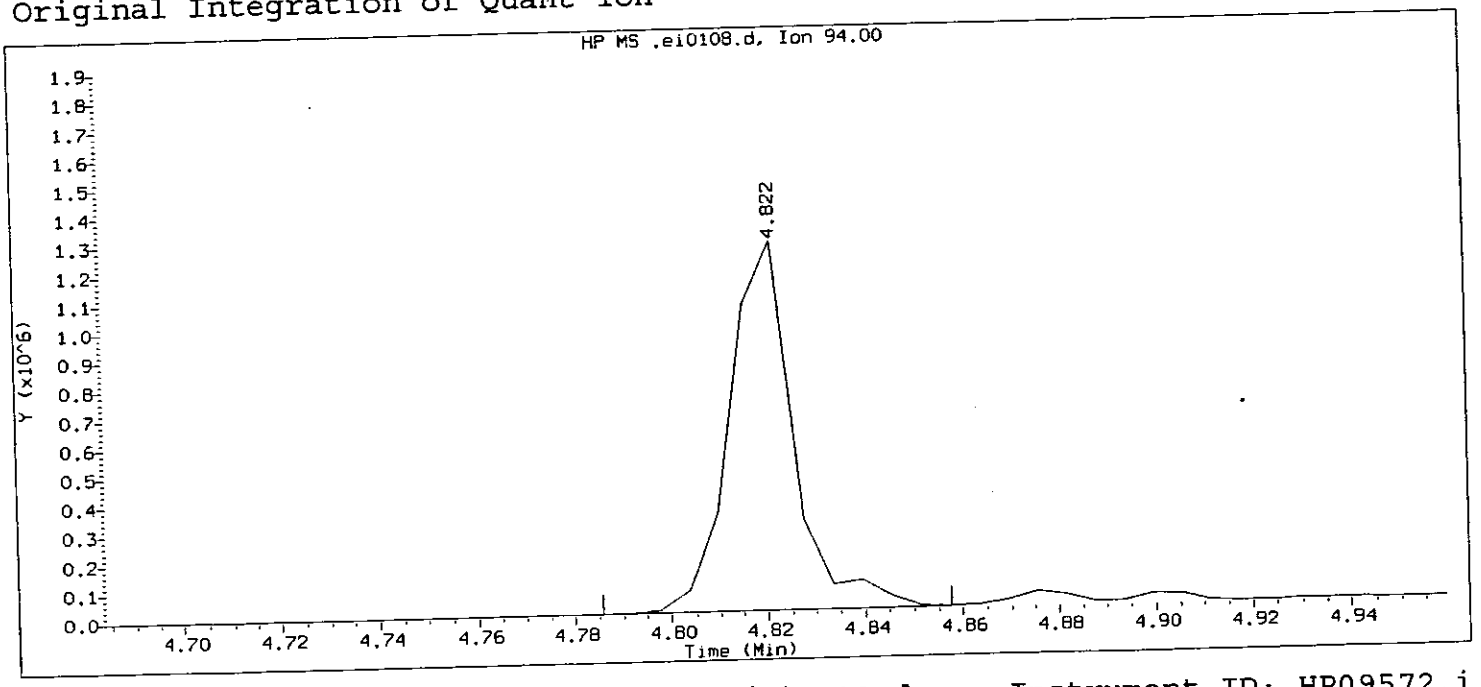
A = User selected an alternate hit

ASX84 B298

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

Lab Sample ID: STD2478

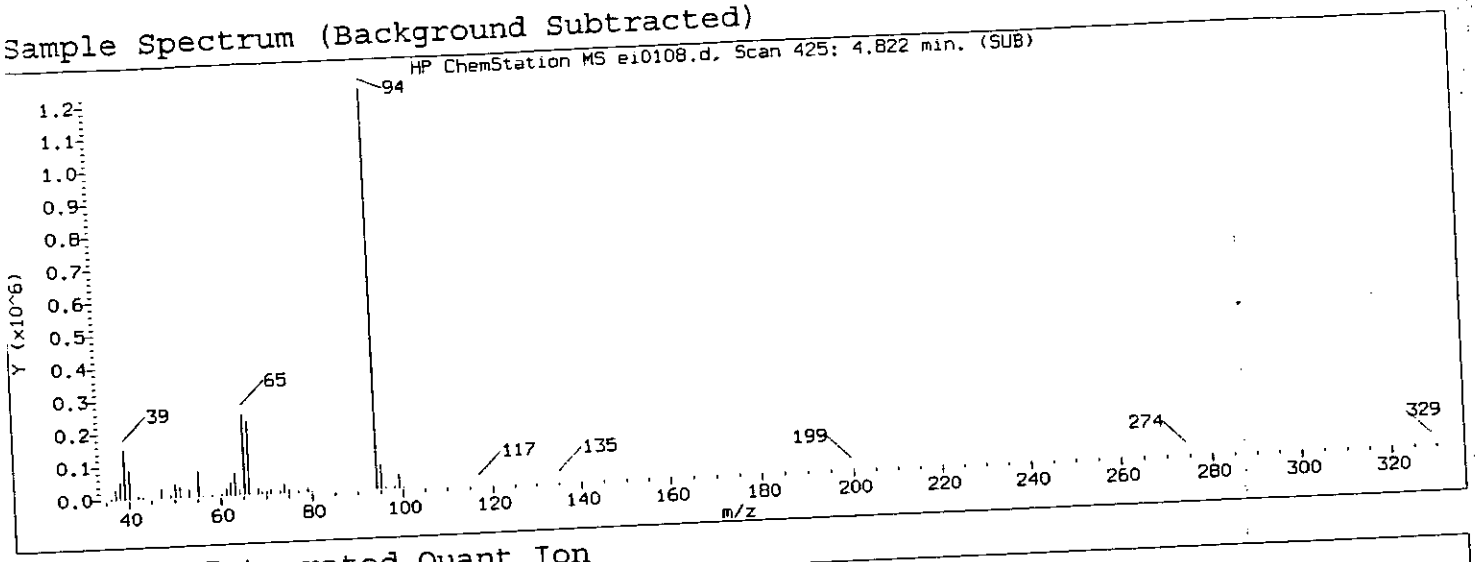
Compound Number : 16
Compound Name : Phenol
Scan Number : 425
Retention Time (minutes): 4.822
Quant Ion : 94
Area : 1187586
Concentration (ng/ul) : 138.0420
Integration start scan : 418 Integration stop scan: 430
Y at integration start : 0 Y at integration end: 106

LMM195 09/03/08

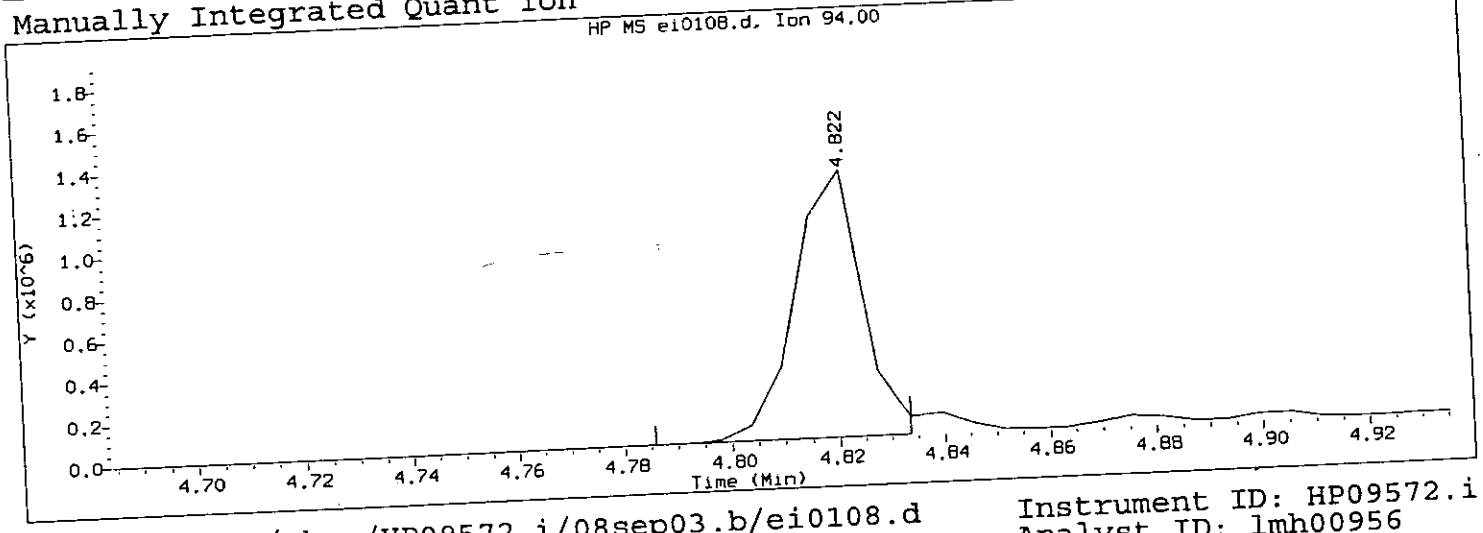
ASX04 0299

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD120

Lab Sample ID: STD2478

Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	425
Retention Time (minutes)	:	4.822
Quant Ion	:	94
Area (flag)	:	1134536 M
Concentration (ng/ul)	:	134.4043
Integration start scan	:	418
Y at integration start	:	0

Integration stop scan: 426
Y at integration end: 70

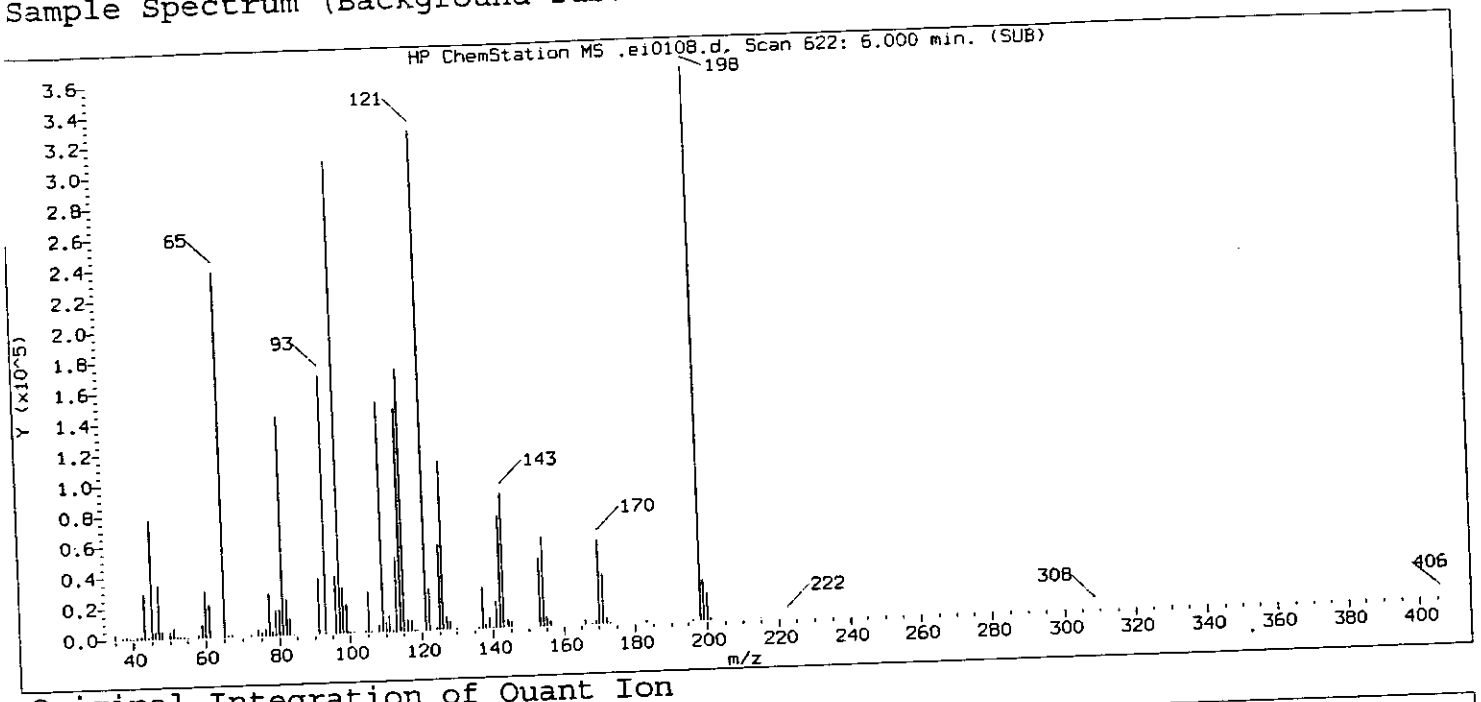
Reason for manual integration (circle one): missed peak improper integratio

Analyst responsible for change: lmh1958 09/03/08

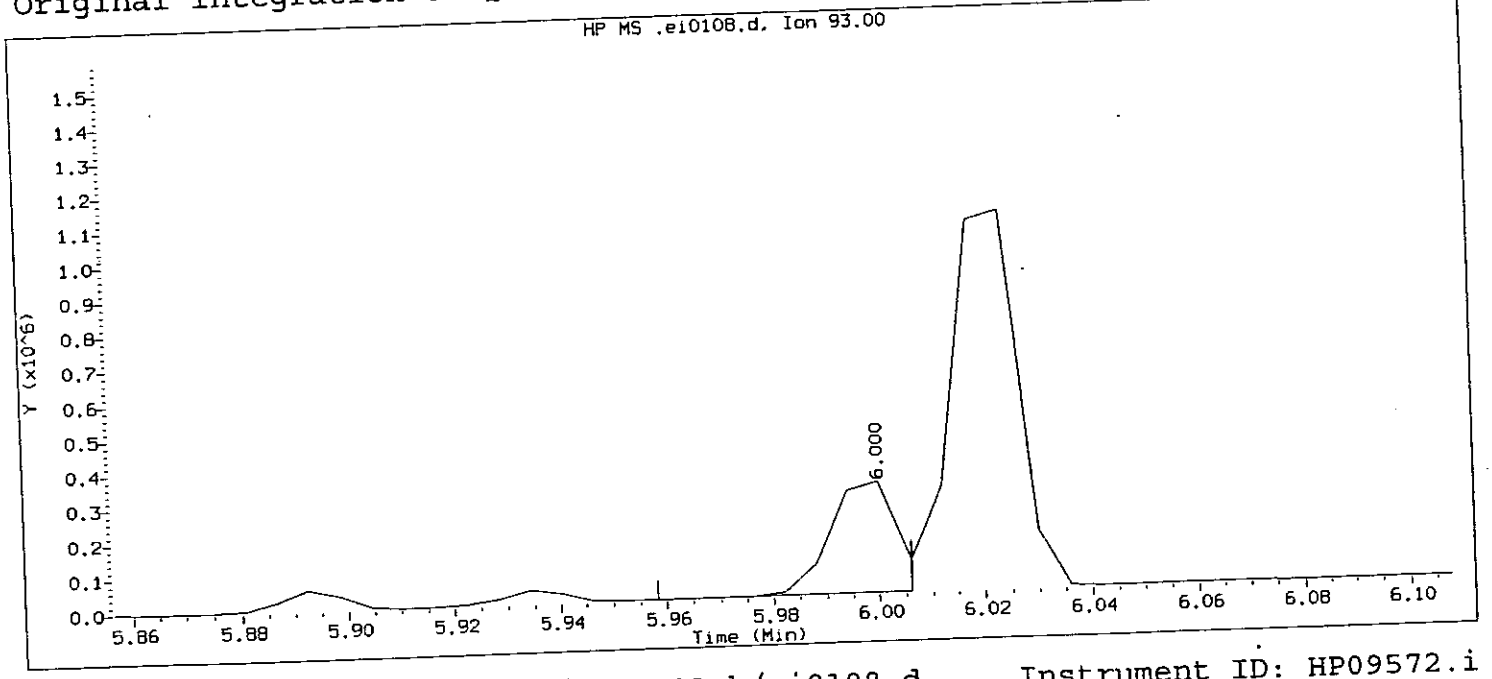
ASX04 0300

GC/MS audit/management approval: BBrupos 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

Lab Sample ID: STD2478

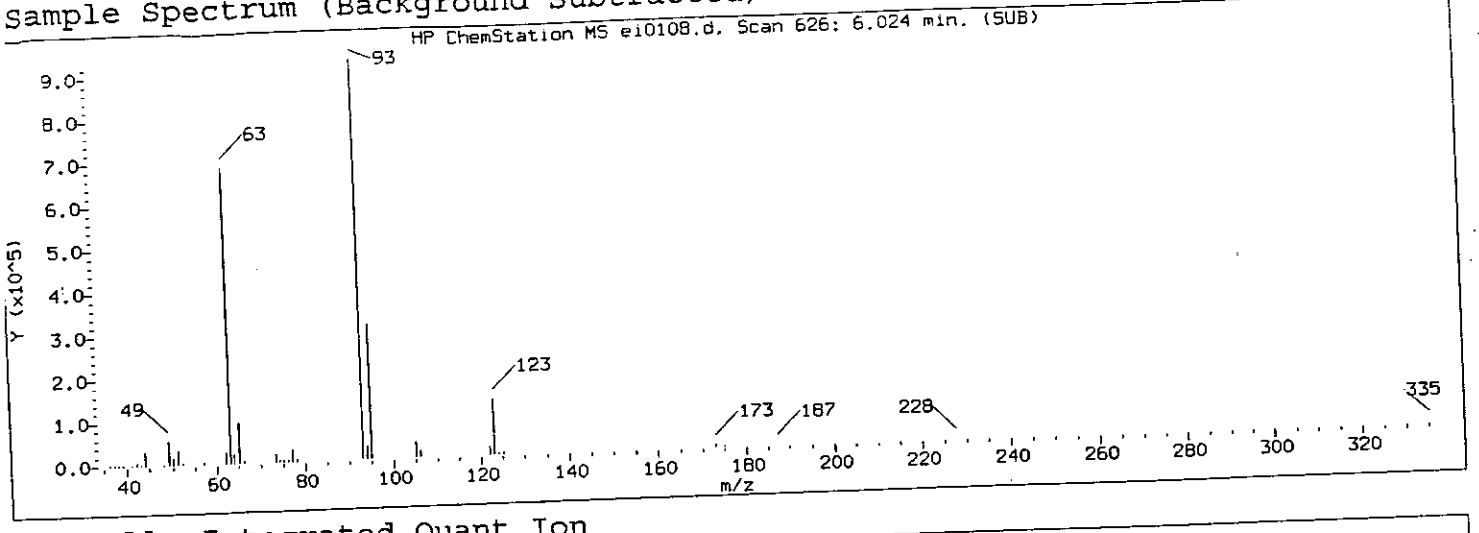
Compound Number	: 47
Compound Name	: bis(2-Chloroethoxy)methane
Scan Number	: 622
Retention Time (minutes)	: 6.000
Quant Ion	: 93
Area	: 273126
Concentration (ng/ul)	: 39.6067
Integration start scan	: 614
Integration stop scan	: 622
Y at integration start	: 0
Y at integration end	: 0

LMH 09/03/08

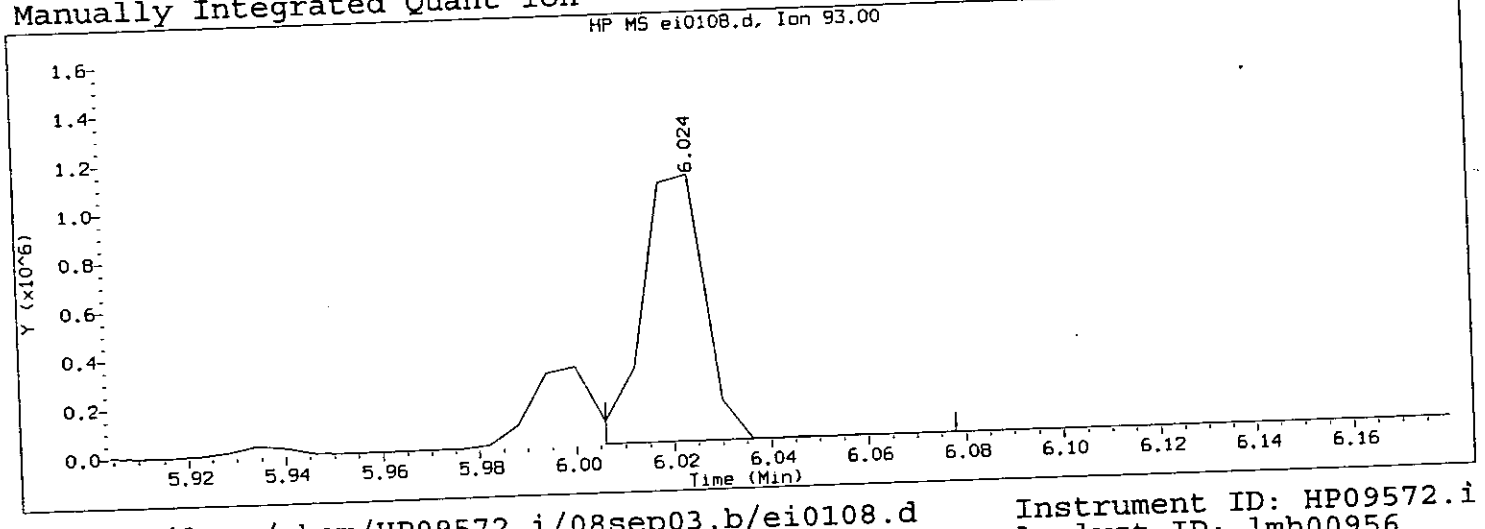
ASX84 8381

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

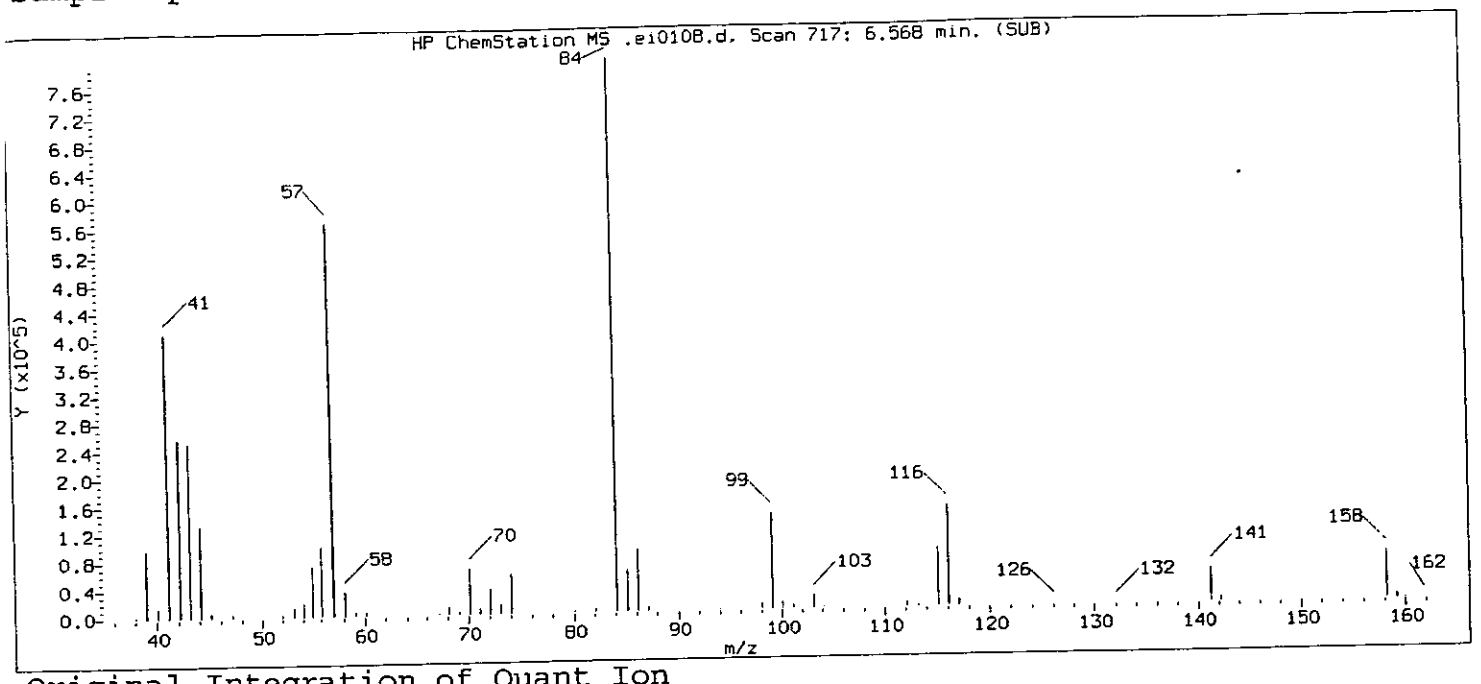
Compound Number : 47
Compound Name : bis(2-Chloroethoxy)methane
Scan Number : 626
Retention Time (minutes): 6.024
Quant Ion : 93
Area (flag) : 962354A
Concentration (ng/ul) : 122.5427
Integration start scan : 622 Integration stop scan: 634
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

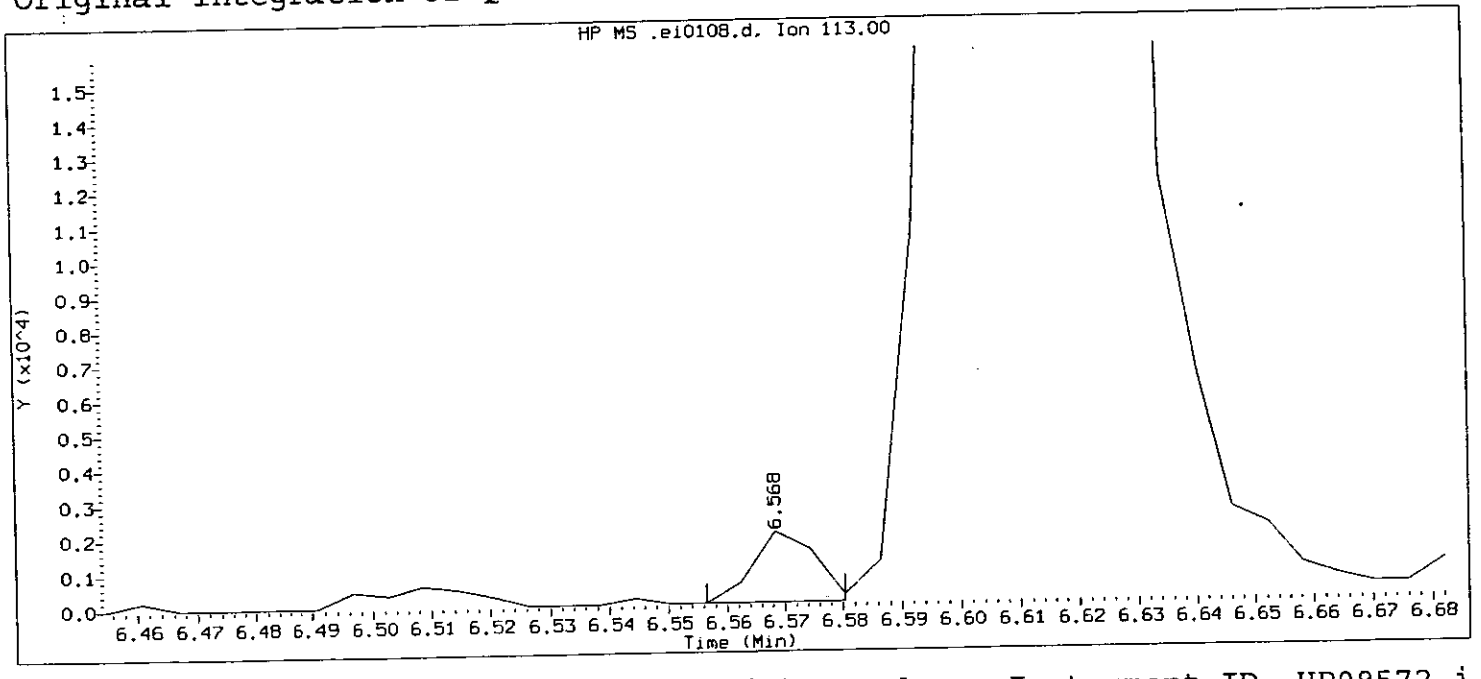
Analyst responsible for change: LMH 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

Lab Sample ID: STD2478

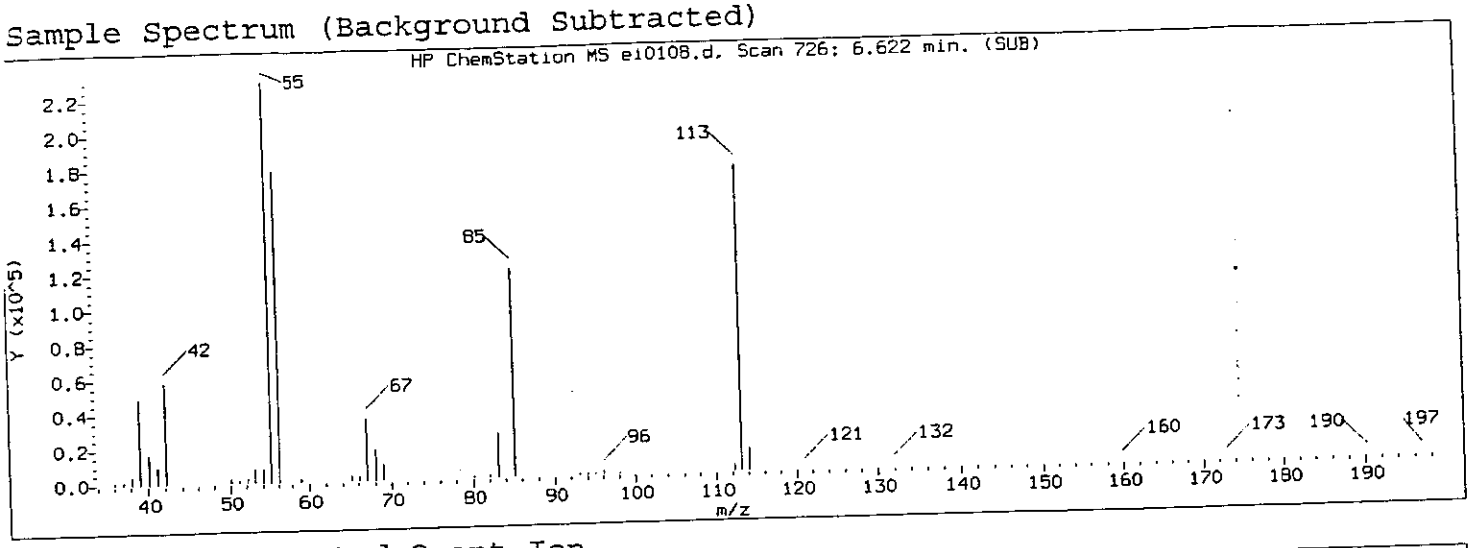
Compound Number : 63
Compound Name : Caprolactam
Scan Number : 717
Retention Time (minutes): 6.568
Quant Ion : 113
Area : 1518
Concentration (ng/ul) : 0.8835
Integration start scan : 714 Integration stop scan: 718
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

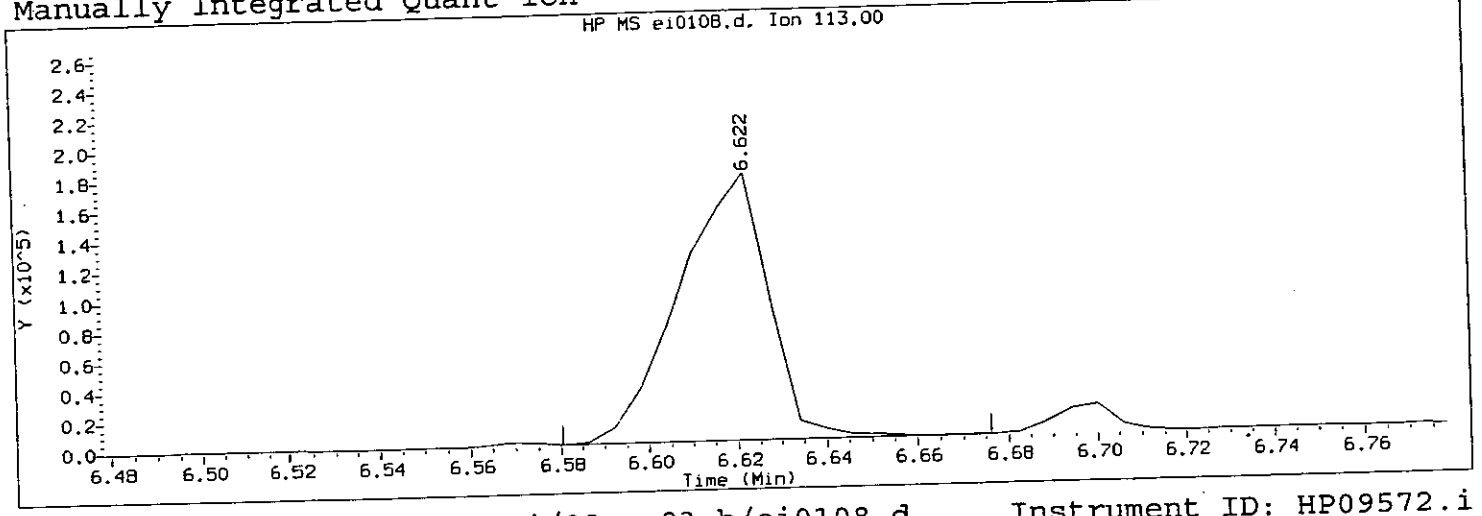
ASX64 8383

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD120

Lab Sample ID: STD2478

Compound Number	: 63
Compound Name	: Caprolactam
Scan Number	: 726
Retention Time (minutes)	: 6.622
Quant Ion	: 113
Area (flag)	: 248783A
Concentration (ng/ul)	: 120.6671
Integration start scan	: 718
Y at integration start	: 0

Integration stop scan: 734
Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

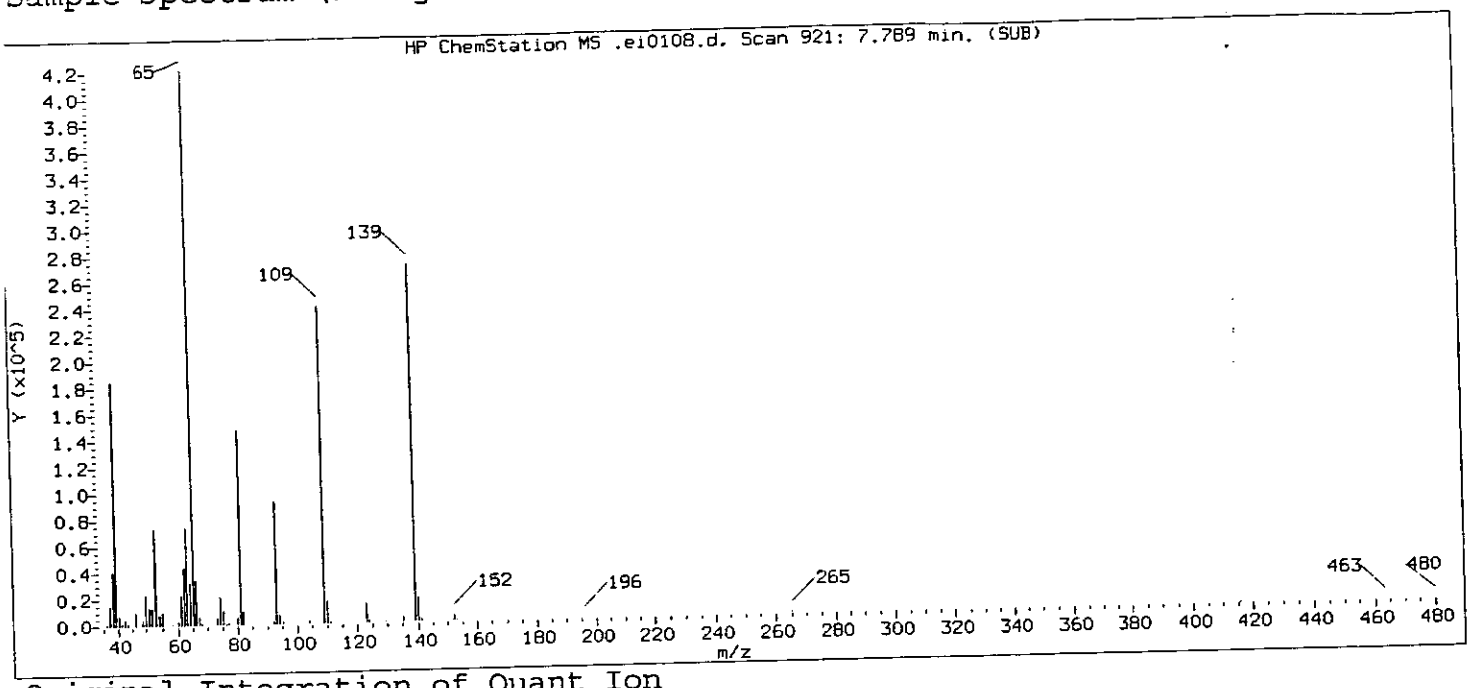
Analyst responsible for change: mn1956 09/03/08

GC/MS audit/management approval: BBW705 9/5/08

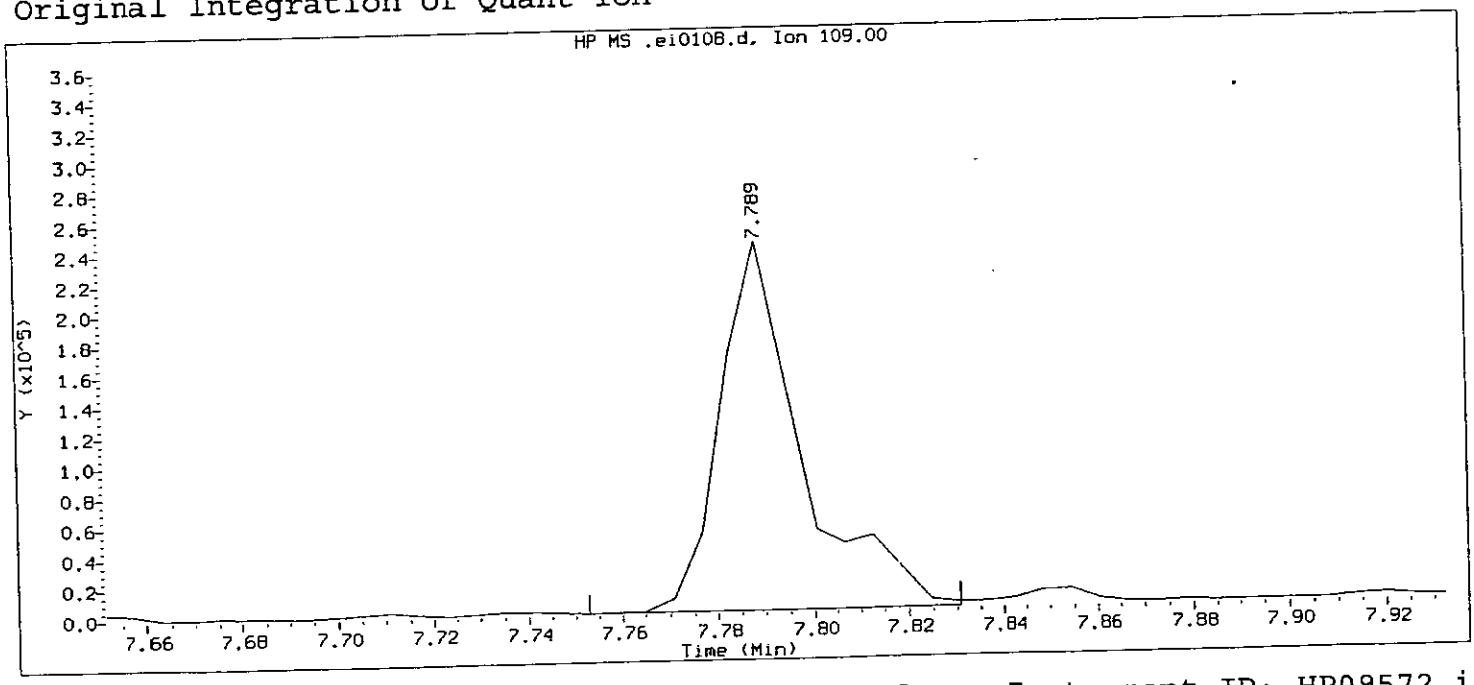
ASX04 8384

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

Lab Sample ID: STD2478

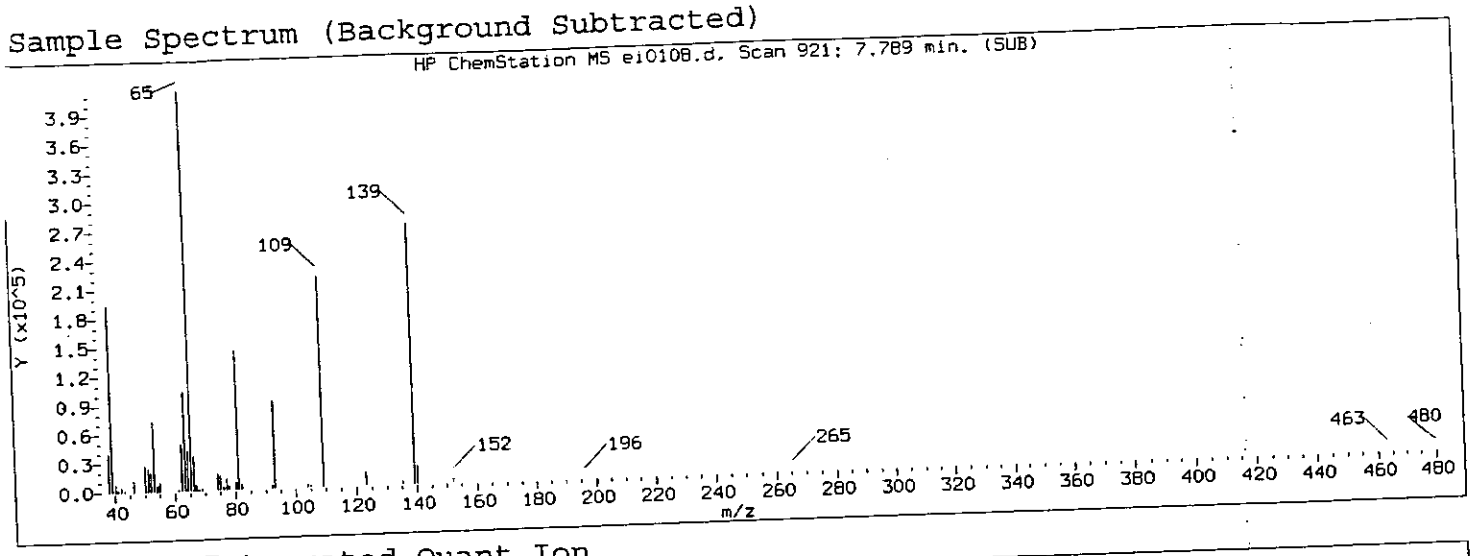
Compound Number : 103
Compound Name : 4-Nitrophenol
Scan Number : 921
Retention Time (minutes): 7.789
Quant Ion : 109
Area : 285110
Concentration (ng/ul) : 143.7445
Integration start scan : 914
Integration stop scan: 927
Y at integration start : 39
Y at integration end: 72

Lmn195 09/03/08

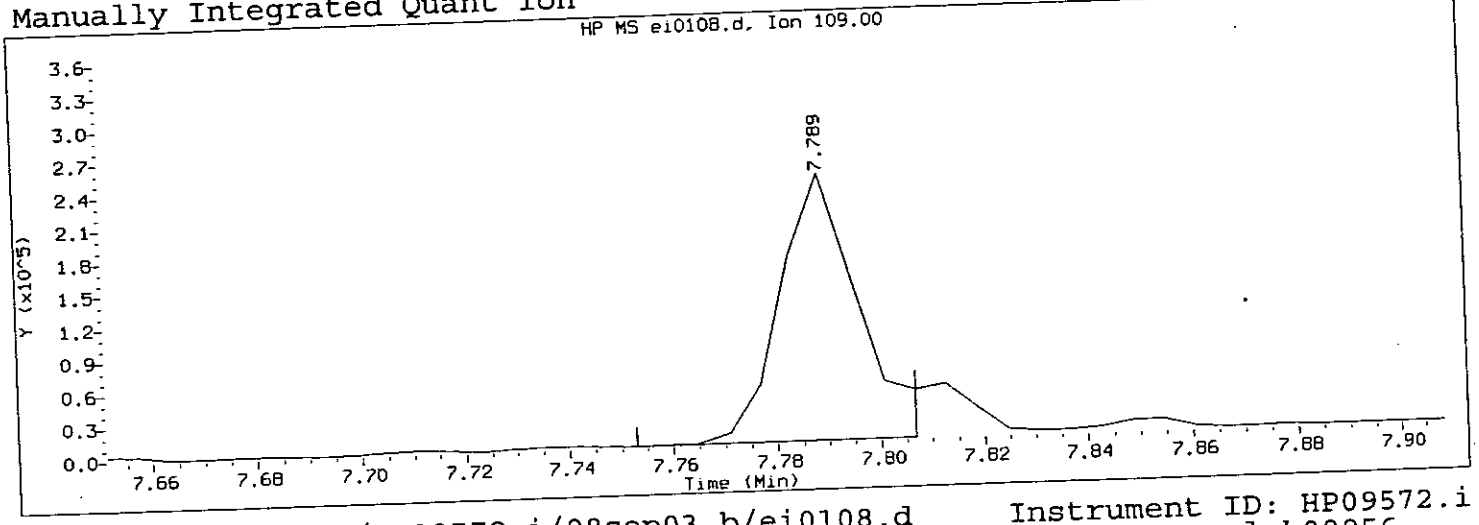
ASX84 0385

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD120

Lab Sample ID: STD2478

Compound Number	:	103
Compound Name	:	4-Nitrophenol
Scan Number	:	921
Retention Time (minutes)	:	7.789
Quant Ion	:	109
Area (flag)	:	256341 M
Concentration (ng/ul)	:	131.8970
Integration start scan	:	914
Y at integration start	:	39

Integration stop scan: 923
Y at integration end: 61

Reason for manual integration (circle one): missed peak improper integration

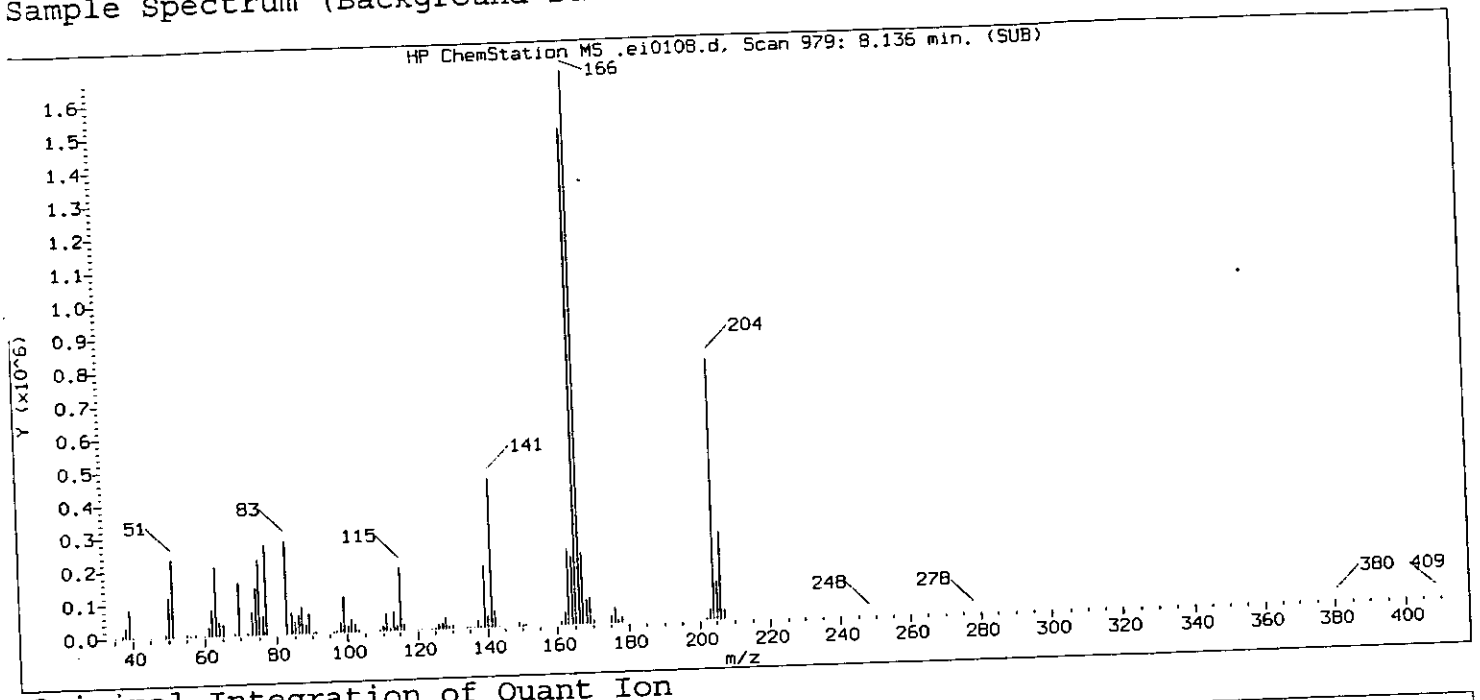
Analyst responsible for change: lmh1956 09/03/08

GC/MS audit/management approval: BBarnos 9/5/08

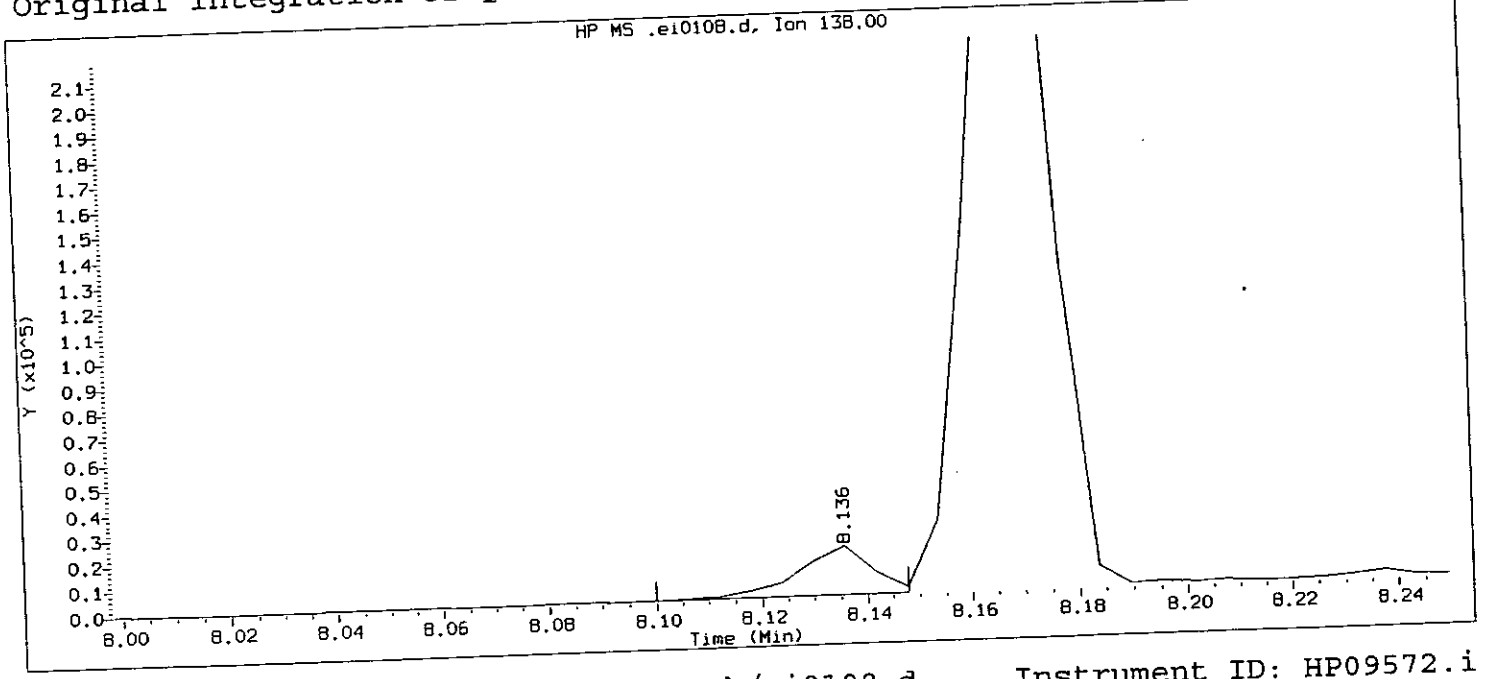
ASXBA 0386

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

Lab Sample ID: STD2478

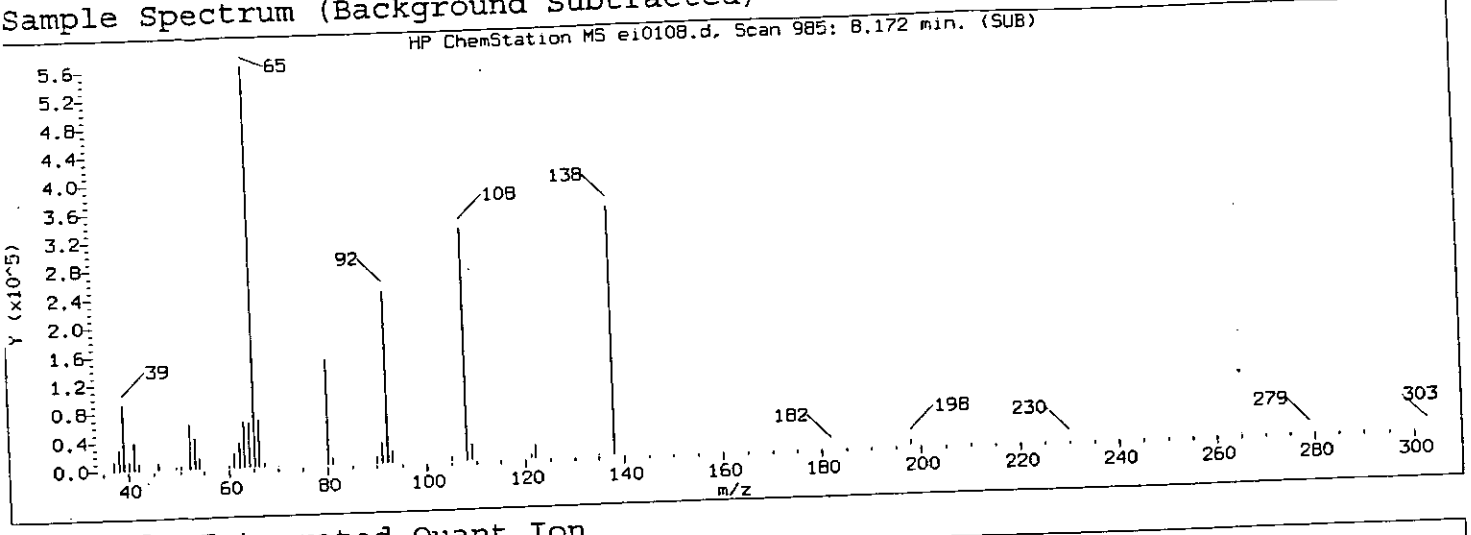
Compound Number	: 114
Compound Name	: 4-Nitroaniline
Scan Number	: 979
Retention Time (minutes)	: 8.136
Quant Ion	: 138
Area	: 18622
Concentration (ng/ul)	: 7.2177
Integration start scan	: 972
Integration stop scan	: 980
Y at integration start	: 0
Y at integration end	: 0

LMH195 09/03/08

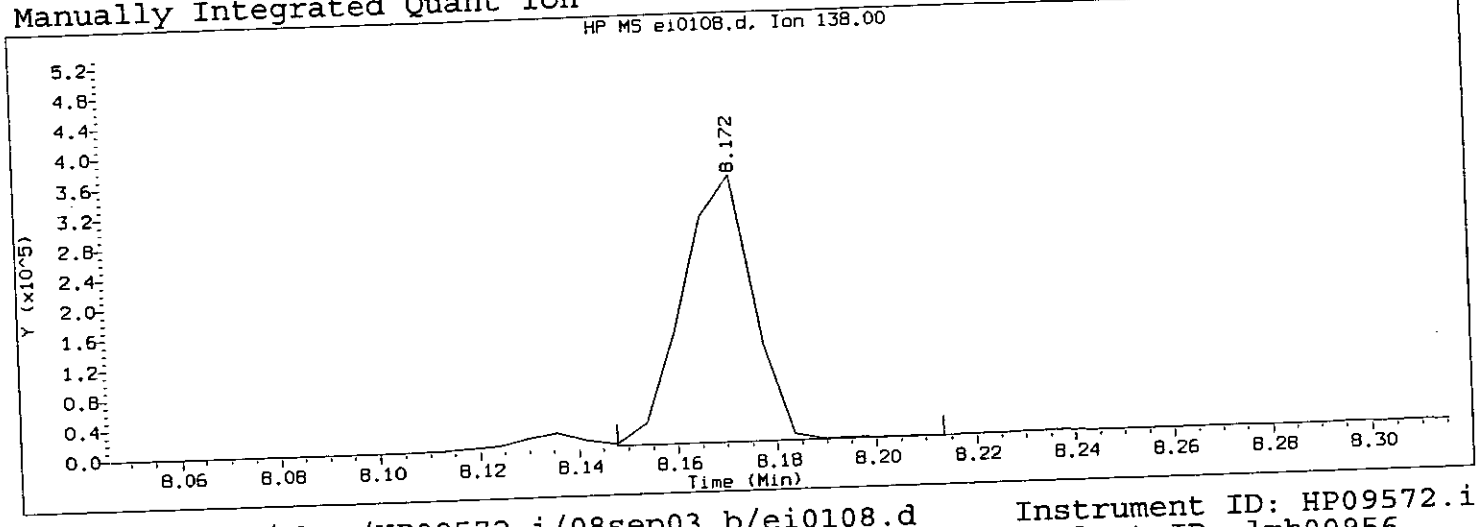
ASX04 0387

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

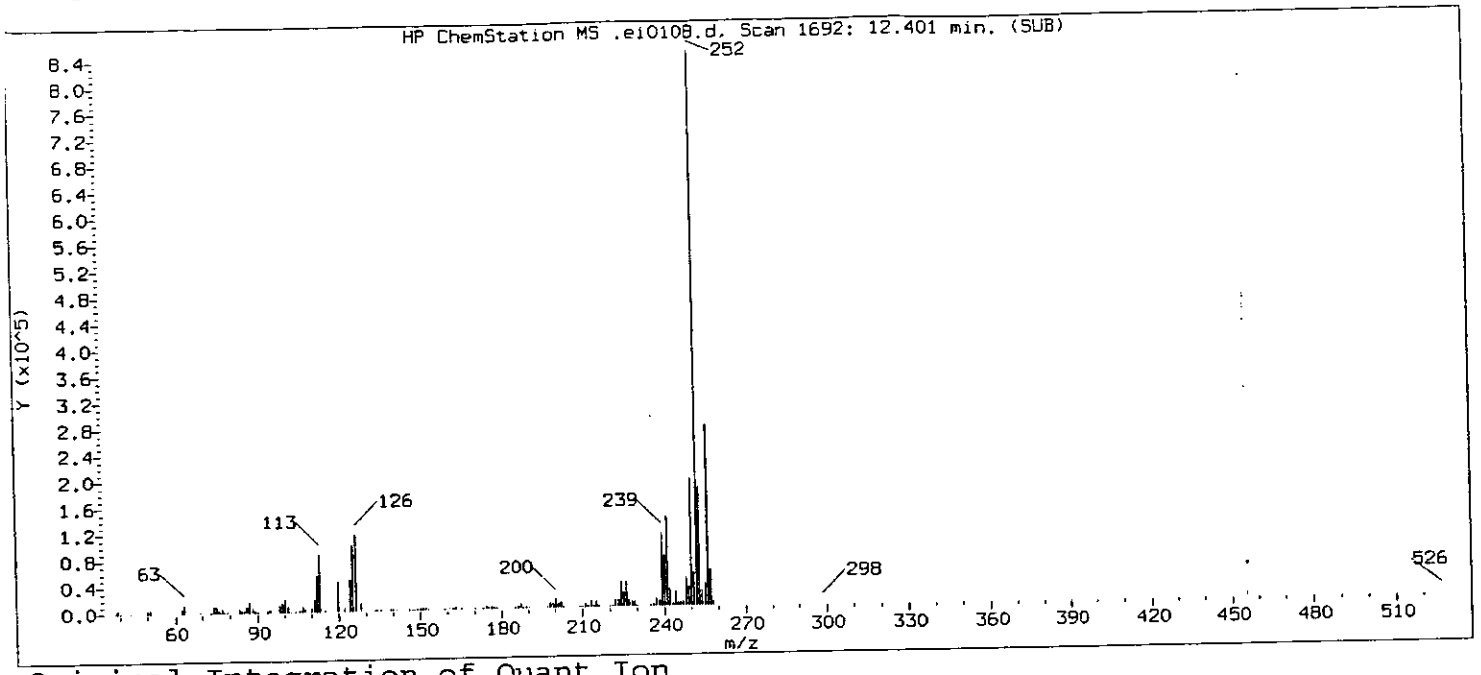
Compound Number : 114
Compound Name : 4-Nitroaniline
Scan Number : 985
Retention Time (minutes): 8.172
Quant Ion : 138
Area (flag) : 348503A
Concentration (ng/ul) : 114.7024
Integration start scan : 980 Integration stop scan: 991
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

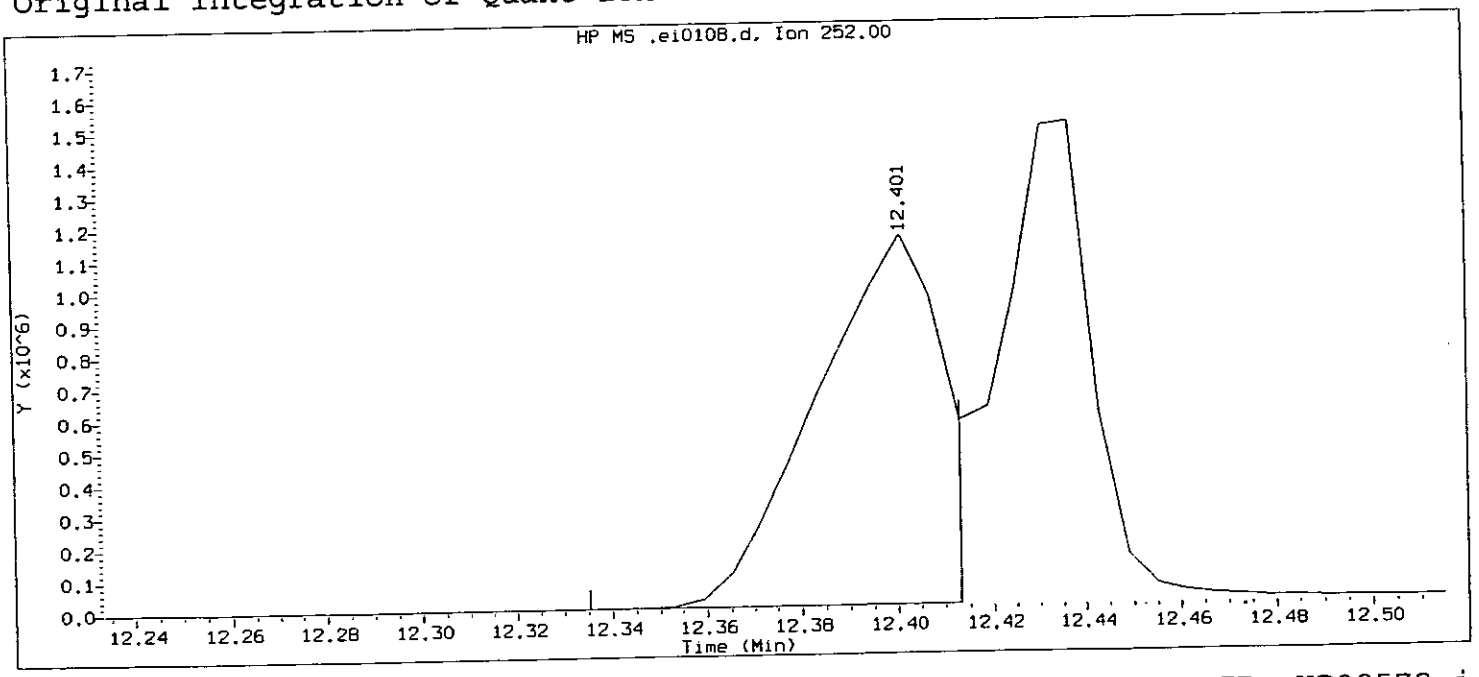
Analyst responsible for change: lmh195 09/03/08

GC/MS audit/management approval: BBonnor 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 22:57

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120

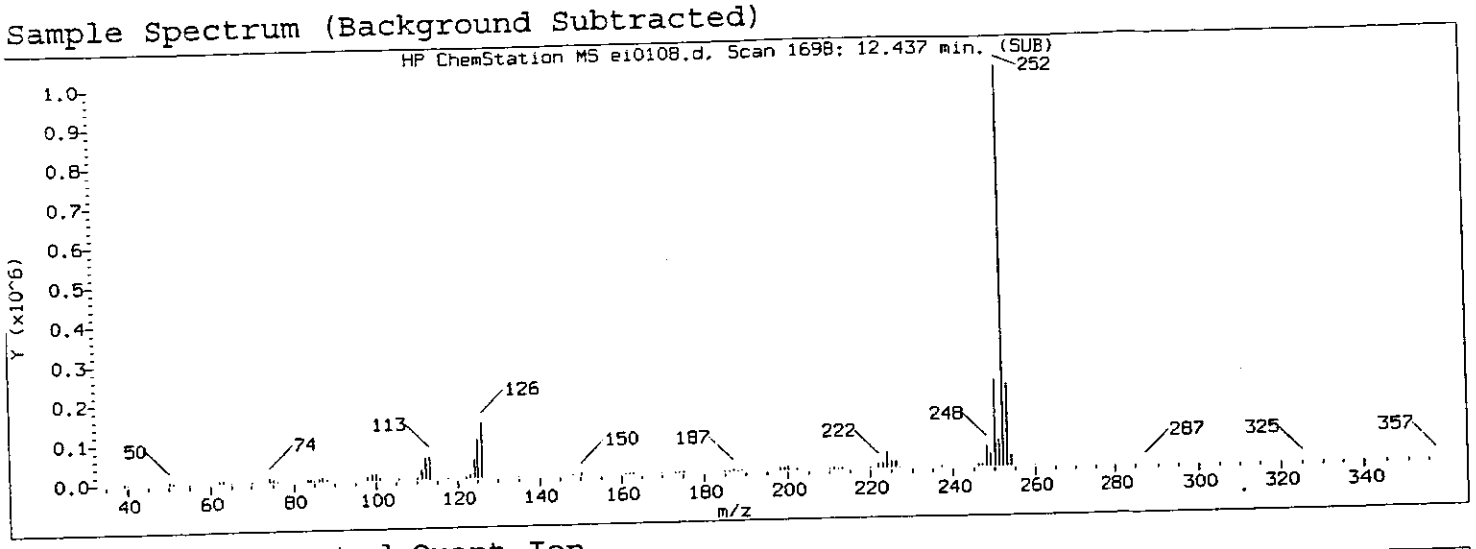
Lab Sample ID: STD2478

Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1692
Retention Time (minutes): 12.401
Quant Ion : 252
Area : 2049385
Concentration (ng/ul) : 122.1131
Integration start scan : 1680 Integration stop scan: 1693
Y at integration start : 0 Y at integration end: 207

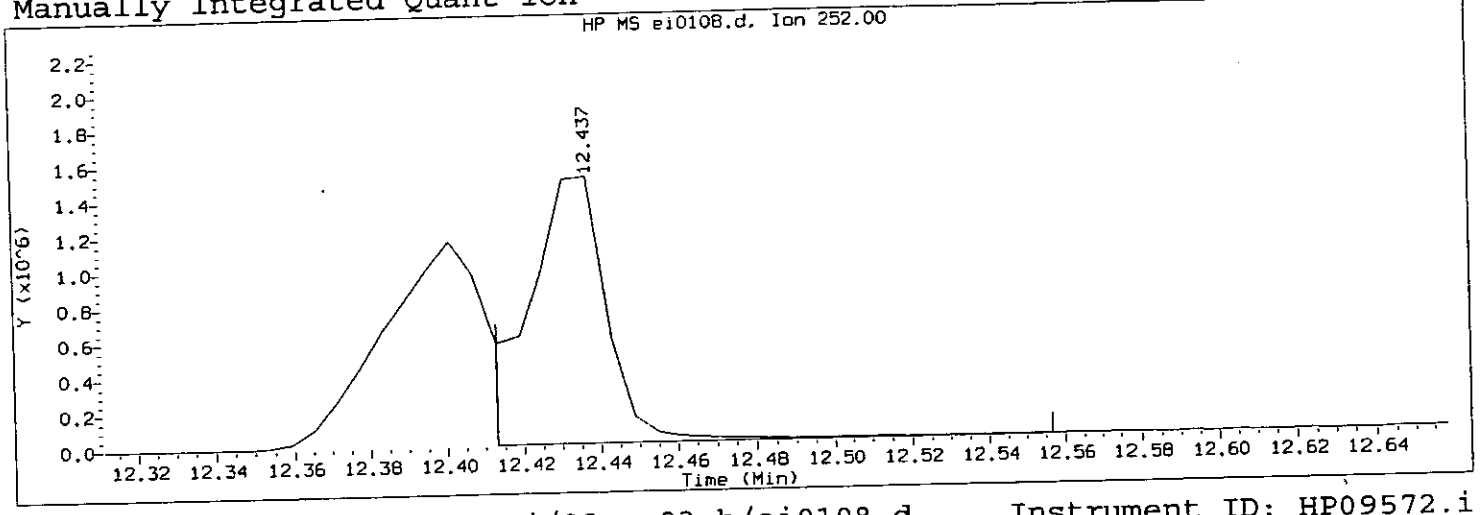
LMH198 09/03/08 ASX84 8389

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d
Injection date and time: 03-SEP-2008 22:40

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sublist used: all1

Sample Name: SSTD120

Lab Sample ID: STD2478

Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1698
Retention Time (minutes)	:	12.437
Quant Ion	:	252
Area (flag)	:	2090845A
Concentration (ng/ul)	:	127.3411
Integration start scan	:	1693
Y at integration start	:	207

Integration stop scan: 1717
Y at integration end: 327

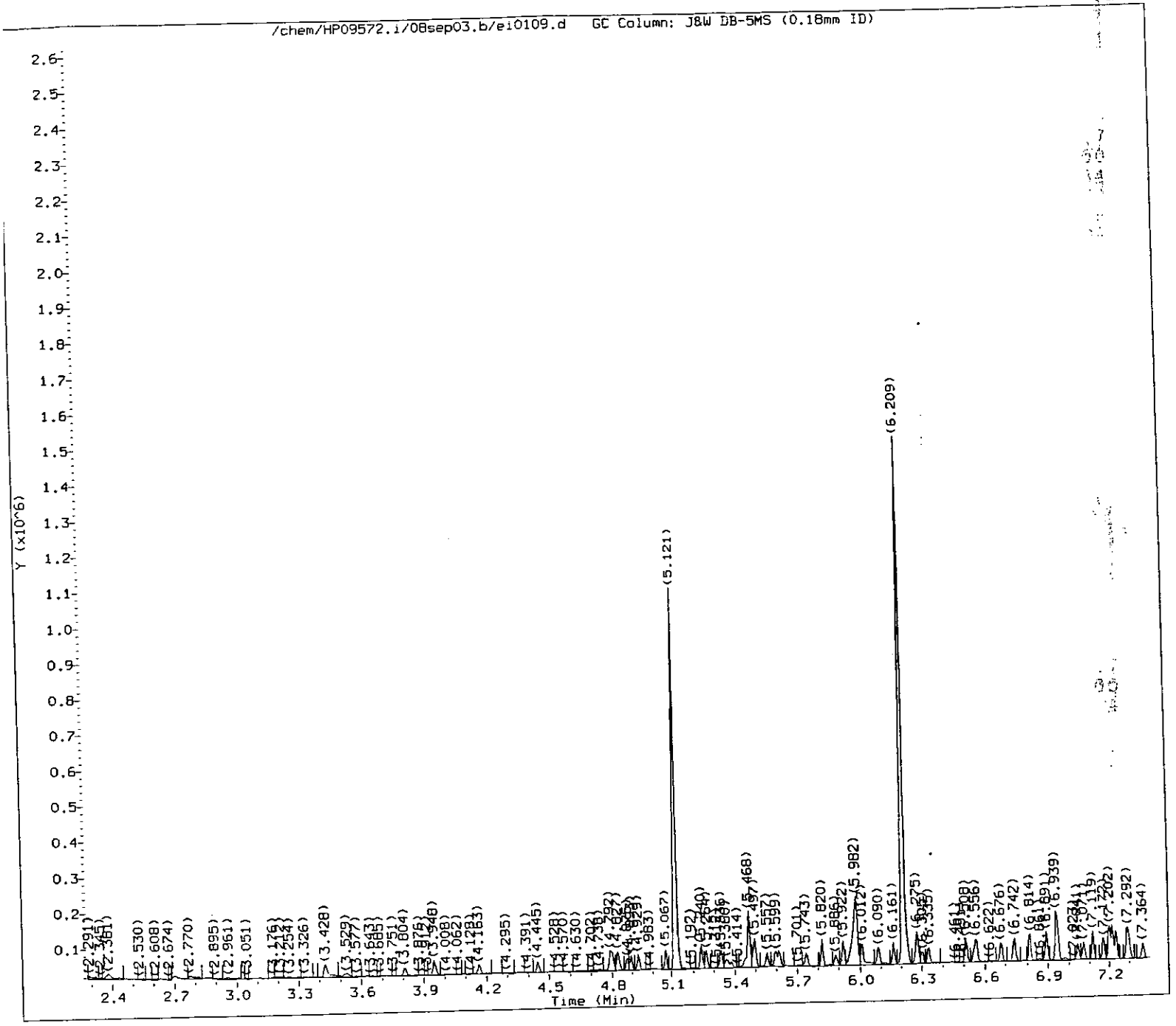
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mm1936 09/03/08

BBM/705 9/5/08 0316

GC/MS audit/management approval: _____

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0108.d, generated on 09/03/2008 at 23:29



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

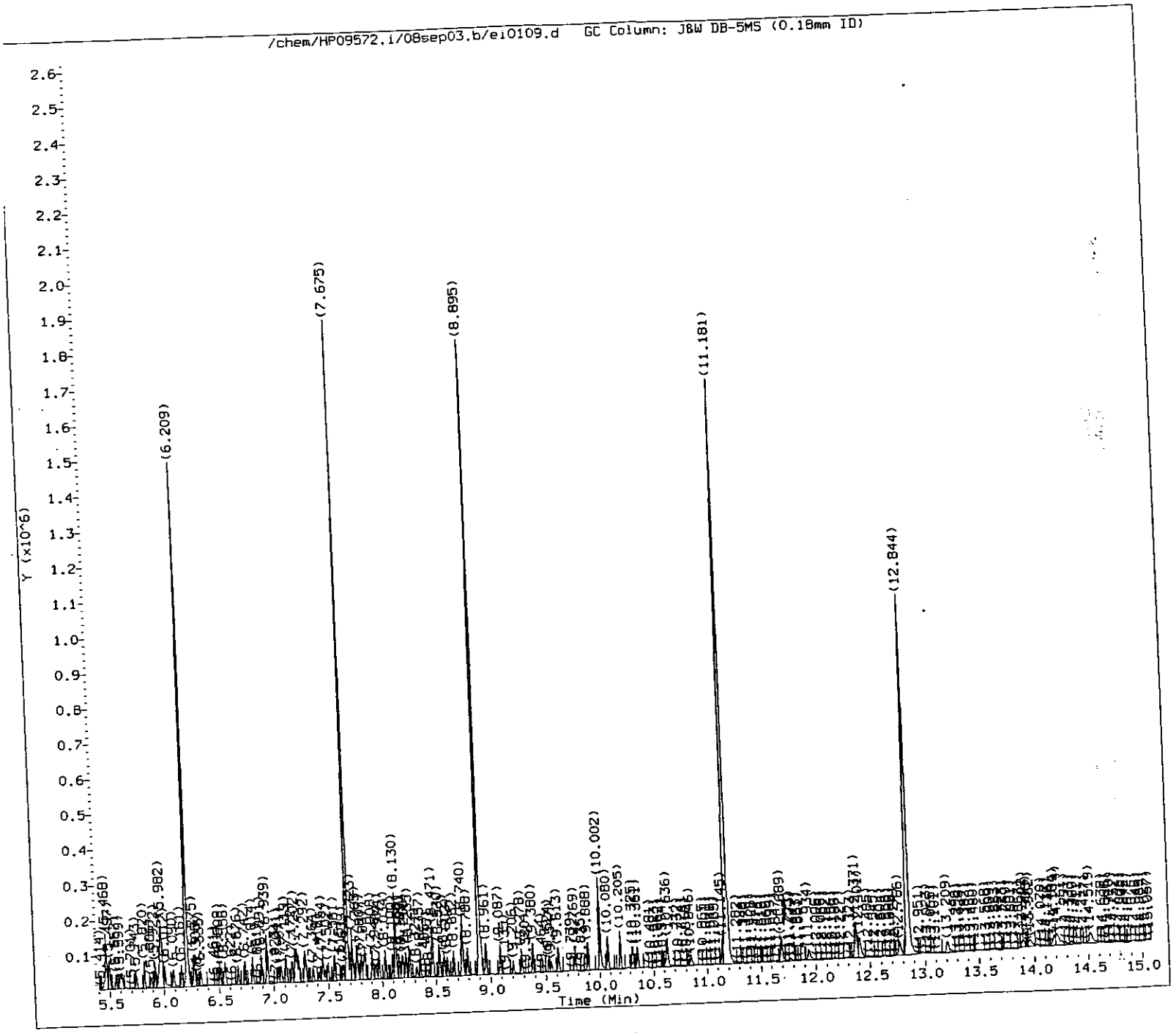
Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

ASX04 6311

lmh198 09/07/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sublist used: all1

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

ASX84 8312

lmh1988 09/07/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.381	88	7167	2.1745
2) N-Nitrosodimethylamine	(1)	2.698	74	8300	1.6189
3) Pyridine	(1)	2.782	79	13855M	1.6154
13) Aniline	(1)	4.827	93	17913	1.7189
16) Phenol	(1)	4.804	94	15032	1.8806
18) bis(2-Chloroethyl)ether	(1)	4.893	93	10767	1.7540
19) 2-Chlorophenol	(1)	4.929	128	7798	1.7905
20) 1,3-Dichlorobenzene	(1)	5.067	146	9002	2.0464
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	104545	40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	8294	1.8511
24) Benzyl alcohol	(1)	5.240	108	7916	2.1111
25) 1,2-Dichlorobenzene	(1)	5.264	146	7667	1.8542
26) 2-Methylphenol	(1)	5.336	108	8299	1.7962
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.360	45	11037	1.9348
28) bis(2-Chloroisopropyl)ether	(1)	5.360	45	11037	1.9348
30) Acetophenone	(1)	5.468	105	14827	1.8944
31) N-Nitroso-di-n-propylamine	(1)	5.468	70	10741	1.9028
33) 4-Methylphenol	(1)	5.462	108	9198	1.7454
34) o-Toluidine	(1)	5.497	106	18162	2.0686
37) Hexachloroethane	(1)	5.557	117	3570	1.9315
39) Nitrobenzene	(2)	5.611	77	13573	1.7180
41) Isophorone	(2)	5.820	82	24106	1.6594
43) 2-Nitrophenol	(2)	5.886	139	3305	1.4373
45) 2,4-Dimethylphenol	(2)	5.922	107	10061	1.7561
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	14322	1.8863
48) Benzoic acid	(2)	5.982	105	61225	12.8308
50) 2,4-Dichlorophenol	(2)	6.090	162	5889	1.5943
51) 1,2,4-Trichlorobenzene	(2)	6.161	180	6727	1.8674
53) Naphthalene-d8	(2)	6.209	136	489824	40.0000
54) Naphthalene	(2)	6.227	128	26077	1.9605
56) 4-Chloroaniline	(2)	6.275	127	10446	1.8663
57) 2,6-Dichlorophenol	(2)	6.281	162	5957	1.6519
60) Hexachlorobutadiene	(2)	6.335	225	3718	1.8482
63) Caprolactam	(2)	6.550	113	3704	1.8582
68) 4-Chloro-3-methylphenol	(2)	6.676	107	9285	1.8491
70) 2-Methylnaphthalene	(2)	6.814	142	16750	1.8929
71) 1-Methylnaphthalene	(2)	6.891	142	15077	1.7076
72) Hexachlorocyclopentadiene	(3)	6.939	237	10152	4.4892
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	6686	1.6973
75) 2,4,6-Trichlorophenol	(3)	7.041	196	5254	1.9383
77) 2,4,5-Trichlorophenol	(3)	7.071	196	4753	1.5293
81) Biphenyl	(3)	7.202	154	23141	2.0417
82) Diphenyl	(3)	7.202	154	23141	2.0417

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 8313

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.202	154	23141	2.0417
84) 2-Chloronaphthalene	(3)	7.214	162	21060M	2.0874
85) 1-Chloronaphthalene	(3)	7.232	162	16750M	1.9525
88) Diphenyl ether	(3)	7.286	170	12234	1.9711
89) 2-Nitroaniline	(3)	7.298	138	5039	1.6436
92) Dimethylphthalate	(3)	7.454	163	19224	1.8428
94) 2,6-Dinitrotoluene	(3)	7.502	165	3327	1.4209
95) Acenaphthylene	(3)	7.561	152	25828	1.8942
97) 3-Nitroaniline	(3)	7.639	138	4422	1.6013
98) Acenaphthene-d10	(3)	7.675	164	295584	40.0000
99) Acenaphthene	(3)	7.705	153	14774	1.7853
100) 2,4-Dinitrophenol	(3)	7.723	184	9749	15.0280
101) Pentachlorobenzene	(3)	7.807	250	8011	2.0954
103) 4-Nitrophenol	(3)	7.765	109	9763	5.1300
104) Dibenzofuran	(3)	7.843	168	24495	1.9030
105) 2,4-Dinitrotoluene	(3)	7.831	165	5139	1.6510
106) 1-Naphthylamine	(3)	7.908	143	17697	1.9271
107) 2,3,4,6-Tetrachlorophenol	(3)	7.944	232	4385	1.7709
108) 2-Naphthylamine	(3)	7.974	143	18163	1.9685
109) Diethylphthalate	(3)	8.034	149	19716	1.9742
111) Fluorene	(3)	8.130	166	19506	1.8795
112) 4-Chlorophenyl-phenylether	(3)	8.130	204	10322	2.1201
114) 4-Nitroaniline	(3)	8.136	138	5106	1.7162
115) 4,6-Dinitro-2-methylphenol	(4)	8.160	198	6032	3.6537
117) N-Nitrosodiphenylamine	(4)	8.225	169	13803	1.6889
118) 1,2-Diphenylhydrazine	(4)	8.255	77	32727	1.6965
126) 4-Bromophenyl-phenylether	(4)	8.530	248	5701	1.7865
128) Hexachlorobenzene	(4)	8.572	284	6015	1.7472
132) Pentachlorophenol	(4)	8.734	266	8559	3.9419
133) Pentachloronitrobenzene	(4)	8.746	237	2222	1.5430
136) Phenanthrene-d10	(4)	8.901	188	576628	40.0000
138) Phenanthrene	(4)	8.919	178	29741	1.9620
139) Anthracene	(4)	8.961	178	28877	1.7847
141) Carbazole	(4)	9.087	167	27344	1.7051
143) Di-n-butylphthalate	(4)	9.380	149	29034	1.5323
148) Fluoranthene	(4)	9.894	202	27798	1.5576
153) Benzidine	(5)	10.002	184	75370	7.8229
155) Pyrene	(5)	10.080	202	30636	1.6943
162) Butylbenzylphthalate	(5)	10.636	149	12272	1.4691
165) 3,3'-Dichlorobenzidine	(5)	11.139	252	8421	1.3029
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.145	231	4173M	4.2278
167) Benzo(a)anthracene	(5)	11.169	228	32589	1.8531
168) Chrysene-d12	(5)	11.181	240	609213	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 5314

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

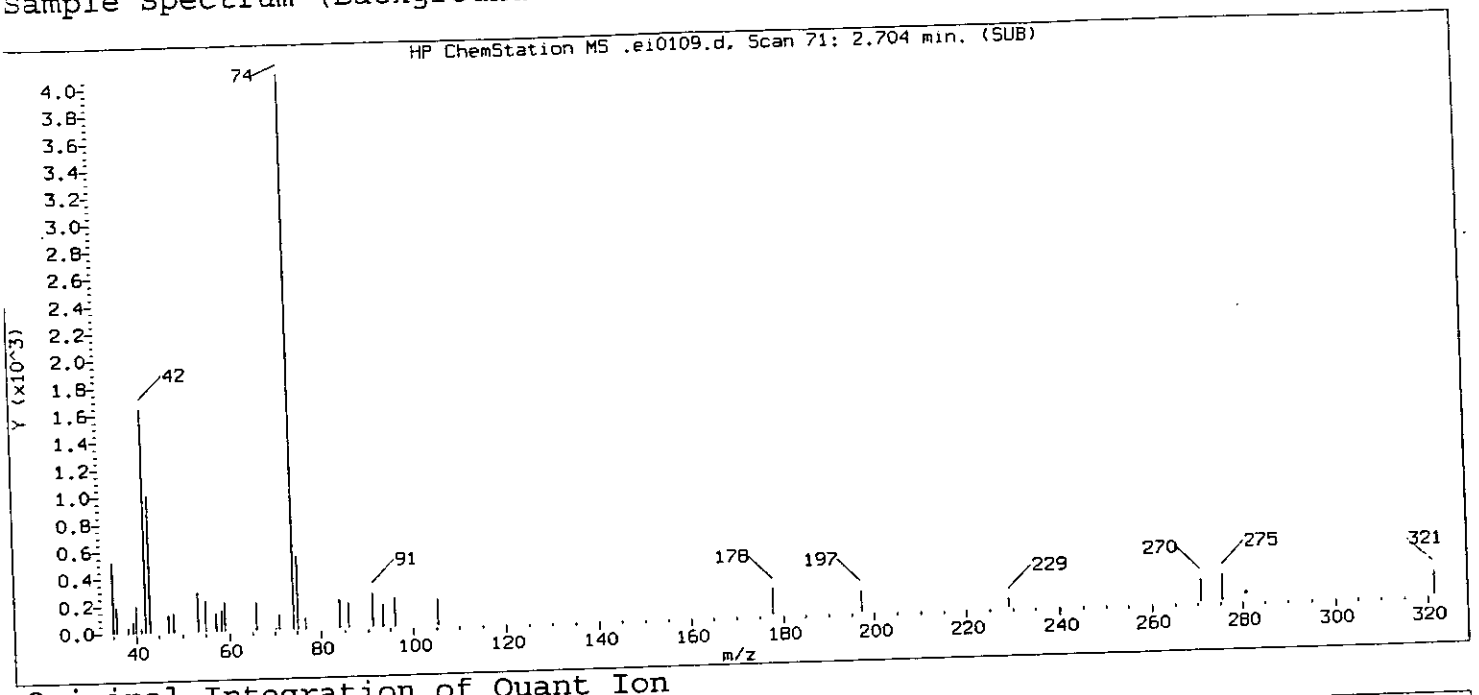
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.205	228	32928	1.9622
170) bis(2-Ethylhexyl)phthalate	(5)	11.205	149	15815	1.5022
171) Di-n-octylphthalate	(6)	11.934	149	19628	1.1416
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.365	256	13317	1.5694
173) Benzo(b)fluoranthene	(6)	12.371	252	26243	1.6076
174) Benzo(k)fluoranthene	(6)	12.401	252	28712	1.6885
175) Benzo(a)pyrene	(6)	12.772	252	22705M	1.5357
176) Perylene-d12	(6)	12.844	264	446315	40.0000
177) 3-Methylcholanthrene	(6)	13.209	268	11564	1.3434
178) Dibenz(a,h)acridine	(6)	13.902	279	13494	4.5873
179) Dibenz(a,j)acridine	(6)	13.962	279	21222	1.5348
180) Indeno(1,2,3-cd)pyrene	(6)	14.184	276	25300M	1.4296
181) Dibenz(a,h)anthracene	(6)	14.214	278	16382M	1.1903
182) Benzo(g,h,i)perylene	(6)	14.519	276	22056	1.4792
9) 2-Fluorophenol	(1)	3.948	112	8380	1.6710
14) Phenol-d5	(1)	4.792	99	12924	1.6712
15) Phenol-d6	(1)	4.792	99	12924	1.6712
38) Nitrobenzene-d5	(2)	5.599	82	12148	1.6581
78) 2-Fluorobiphenyl	(3)	7.119	172	19139	1.8738
119) 2,4,6-Tribromophenol	(3)	8.327	330	2463	1.5165
157) Terphenyl-d14	(5)	10.205	244	23622	1.6646

M = Compound was manually integrated.

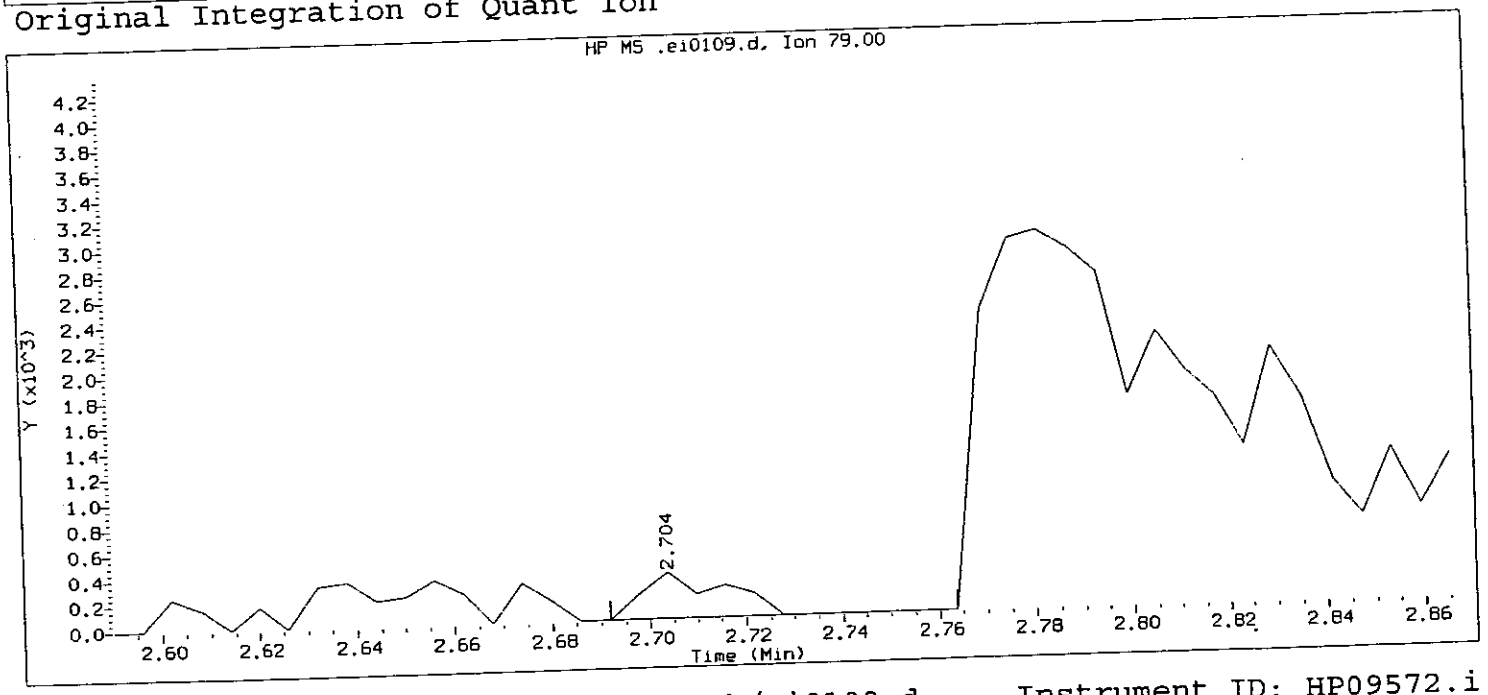
A = User selected an alternate hit

ASX84 8315

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sublist used: all1

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

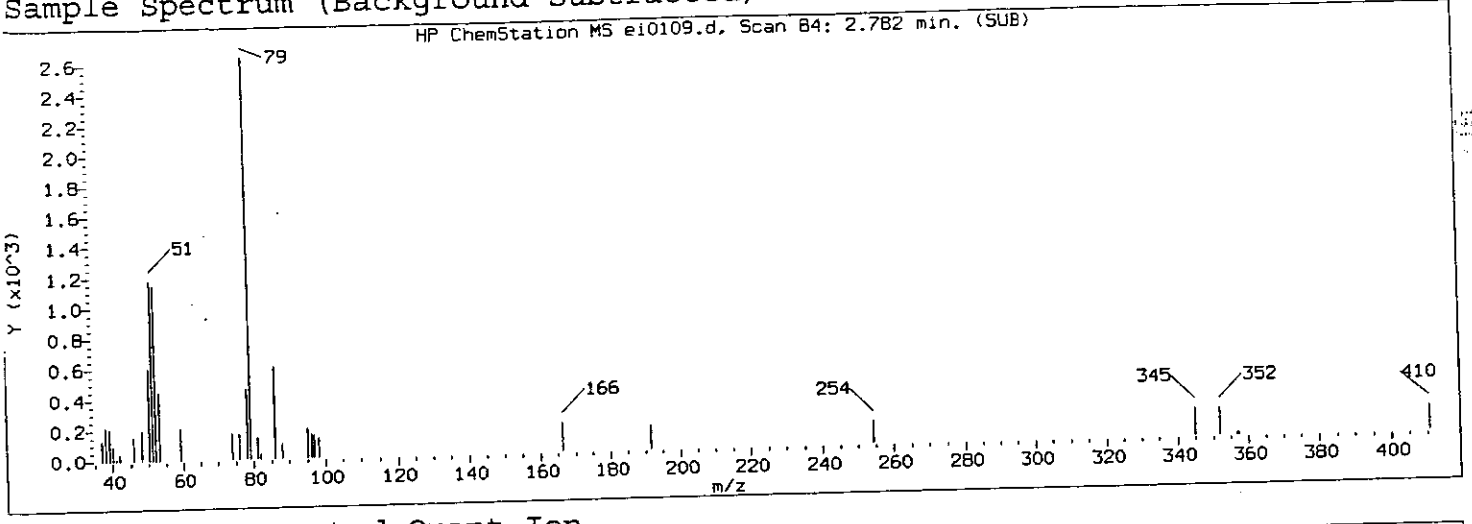
Compound Number	:	3
Compound Name	:	Pyridine
Scan Number	:	71
Retention Time (minutes)	:	2.704
Quant Ion	:	79
Area	:	425
Concentration (ng/ul)	:	0.0496
Integration start scan	:	68
Y at integration start	:	0

Integration stop scan: 80
Y at integration end: 0

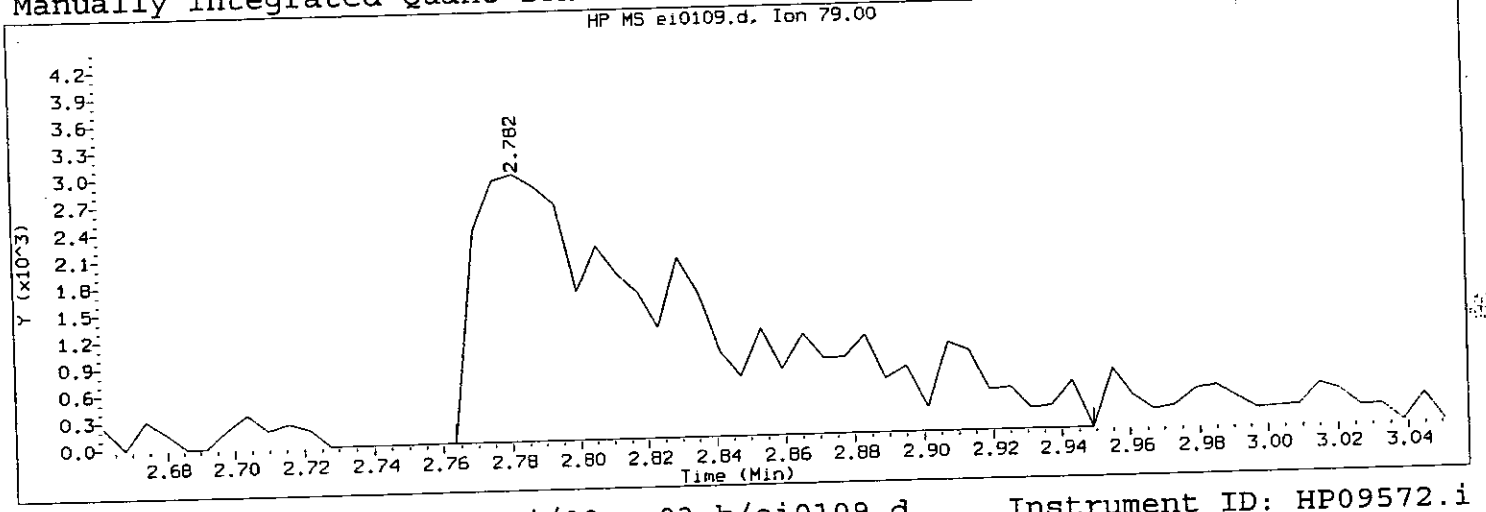
lmh1958 09/04/08 ASX04 0316

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number : 3
Compound Name : Pyridine
Scan Number : 84
Retention Time (minutes): 2.782
Quant Ion : 79
Area (flag) : 13855 M
Concentration (ng/ul) : 1.6154
Integration start scan : 80 Integration stop scan: 111
Y at integration start : 2 Y at integration end: 2

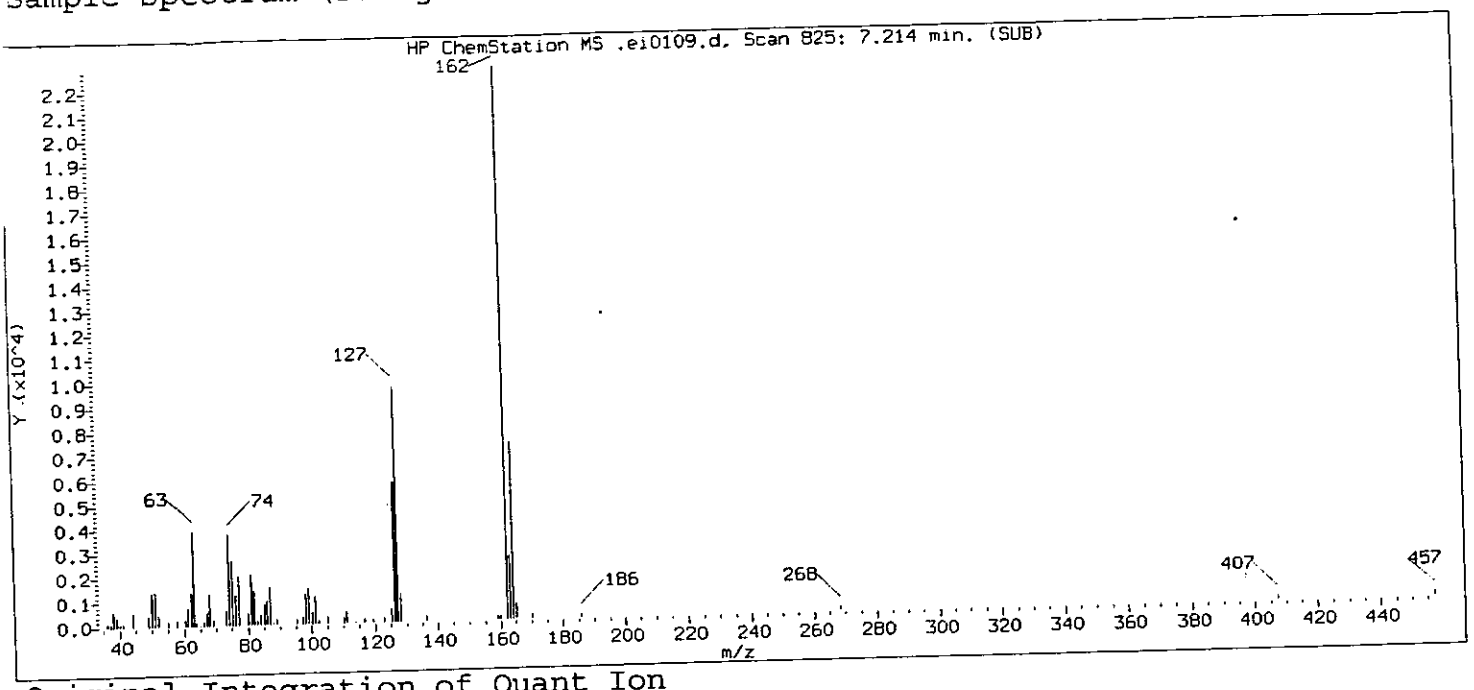
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [illegible] 09/04/08

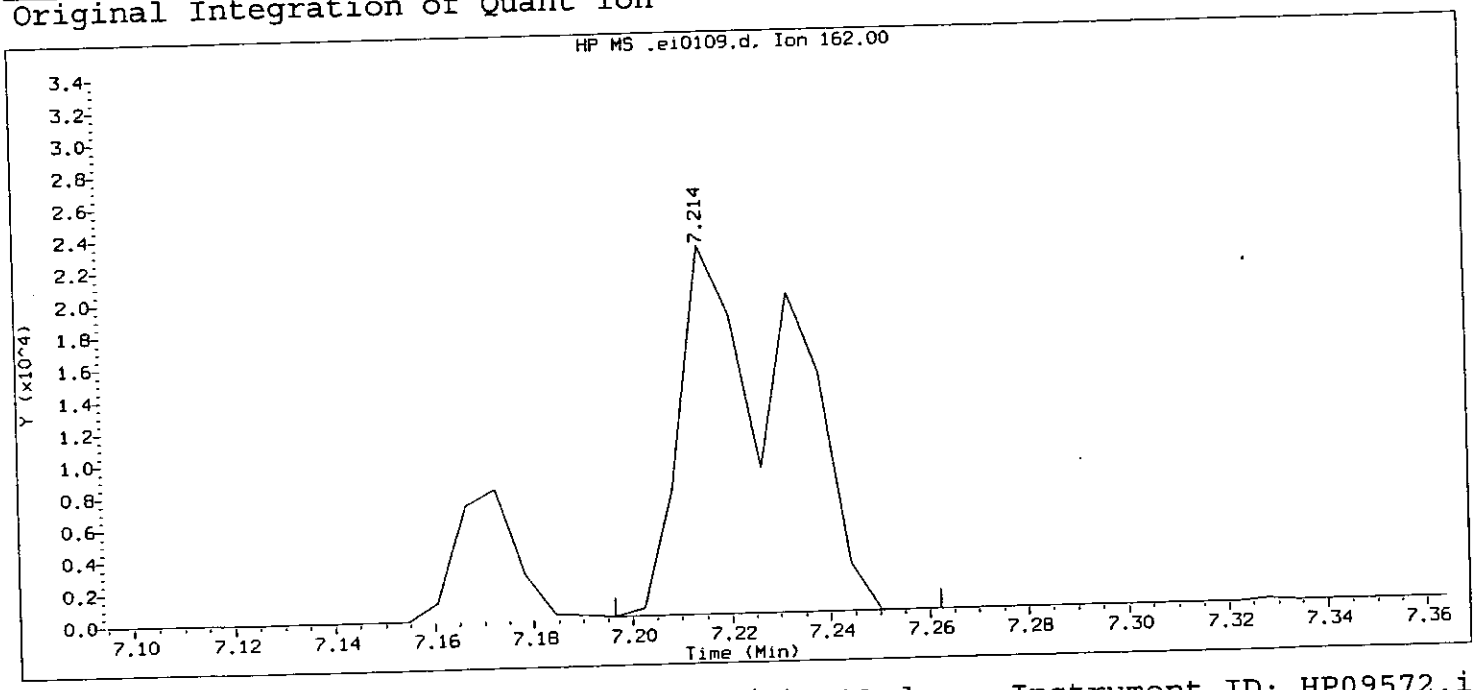
GC/MS audit/management approval: [illegible]

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sample Name: SSTD001

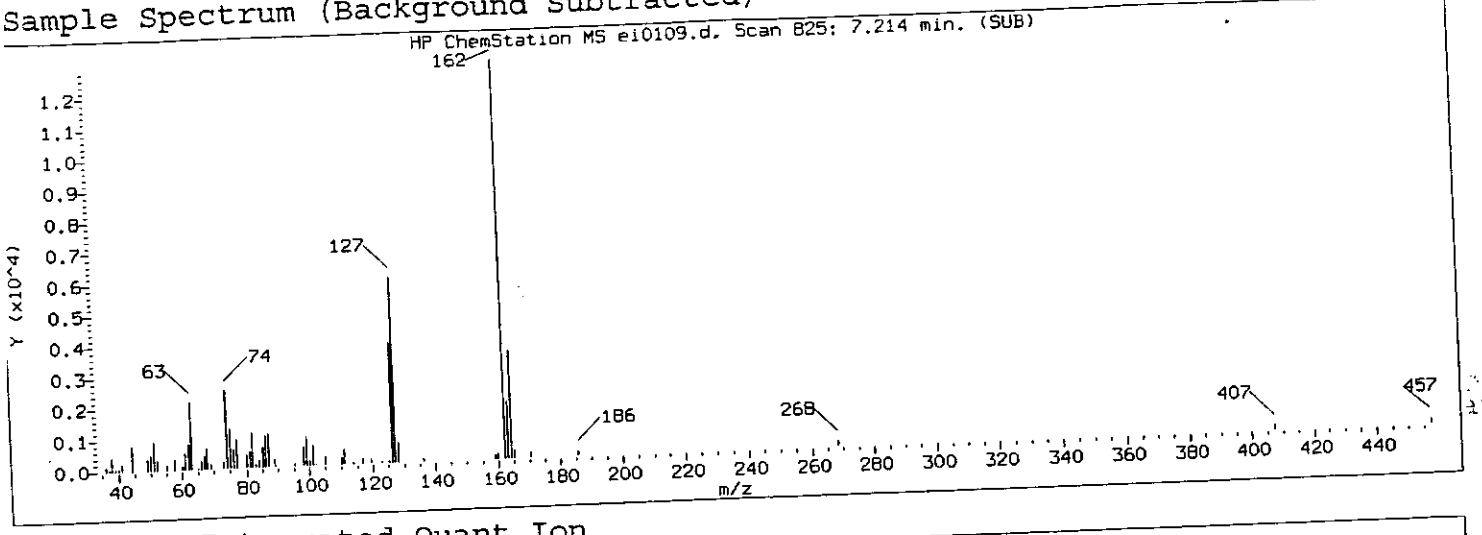
Lab Sample ID: 8270MDL2478

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area : 34586
Concentration (ng/ul) : 3.4282
Integration start scan : 821 Integration stop scan: 832
Y at integration start : 0 Y at integration end: 0

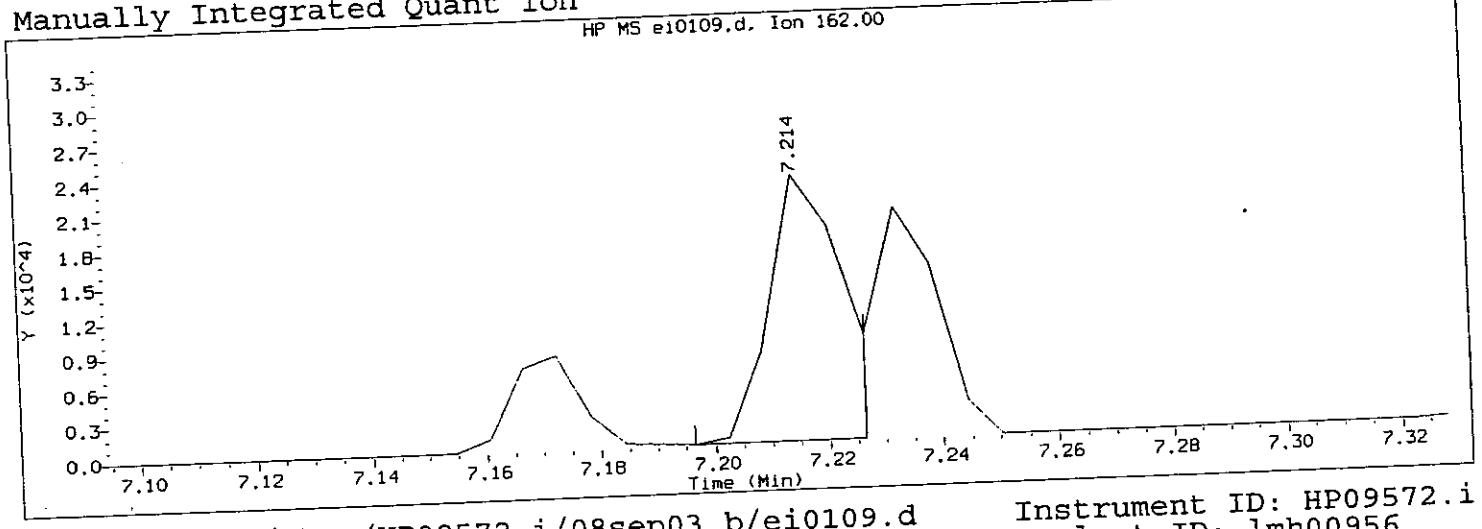
lmm198 09/04/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area (flag) : 21060 M
Concentration (ng/ul) : 2.0874
Integration start scan : 821 Integration stop scan: 826
Y at integration start : 0 Y at integration end: 0

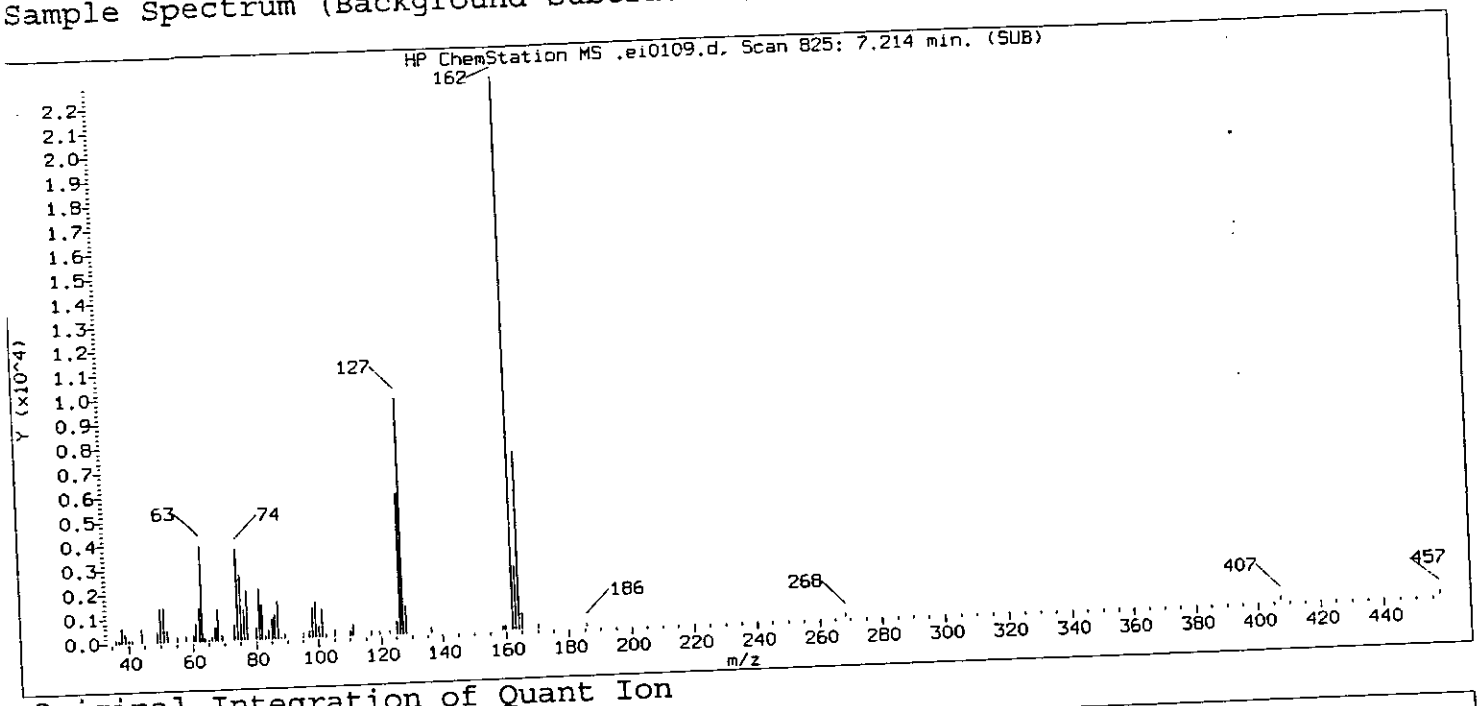
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 09/10/08

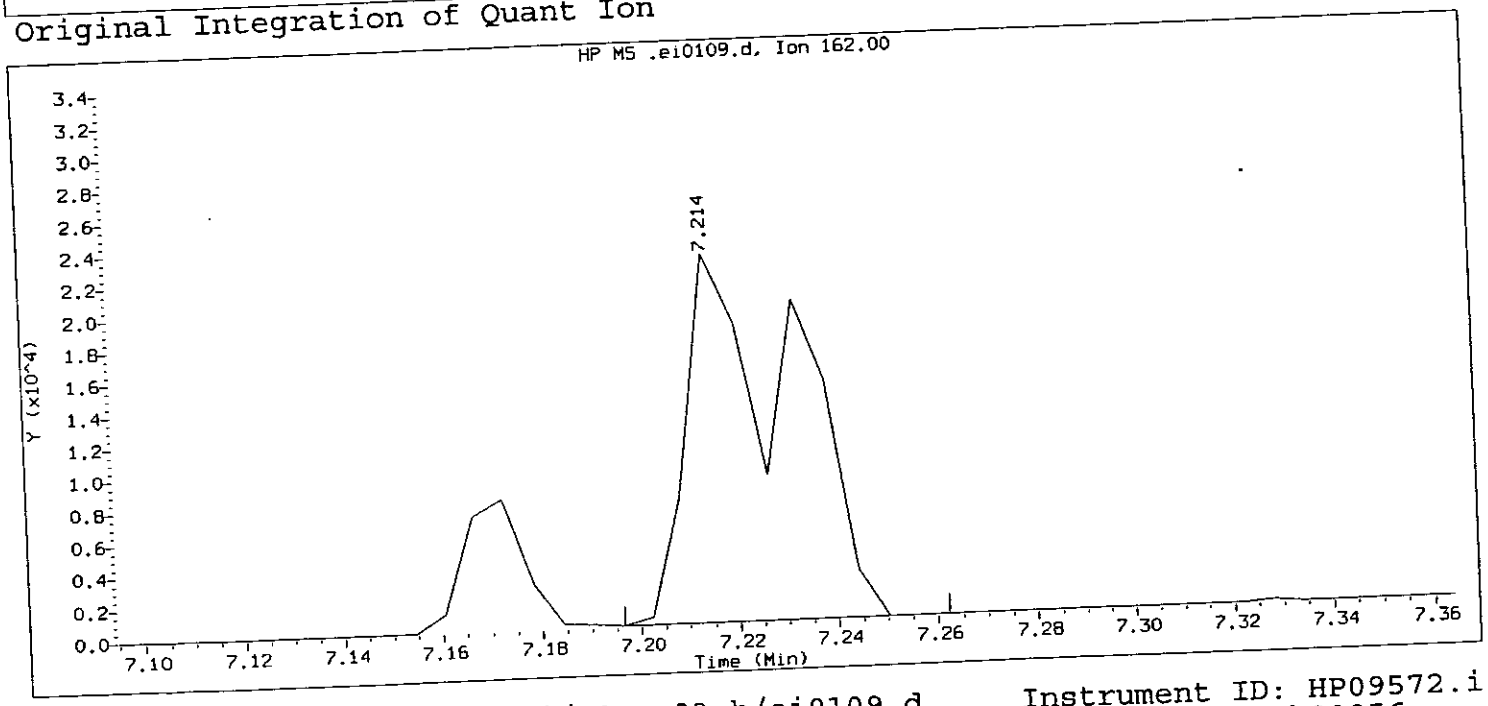
GC/MS audit/management approval: 9/5/09

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sample Name: SSTD001

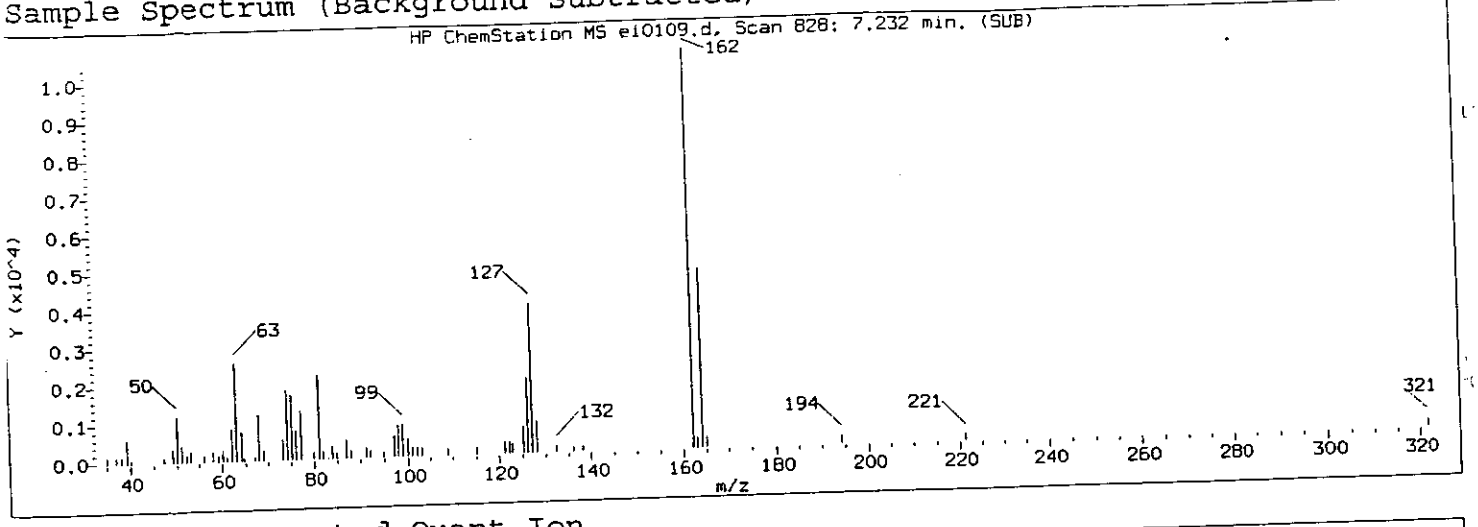
Lab Sample ID: 8270MDL2478

Compound Number	: 85
Compound Name	: 1-Chloronaphthalene
Scan Number	: 825
Retention Time (minutes)	: 7.214
Quant Ion	: 162
Area	: 34586
Concentration (ng/ul)	: 4.0317
Integration start scan	: 821
Integration stop scan	: 832
Y at integration start	: 0
Y at integration end	: 0

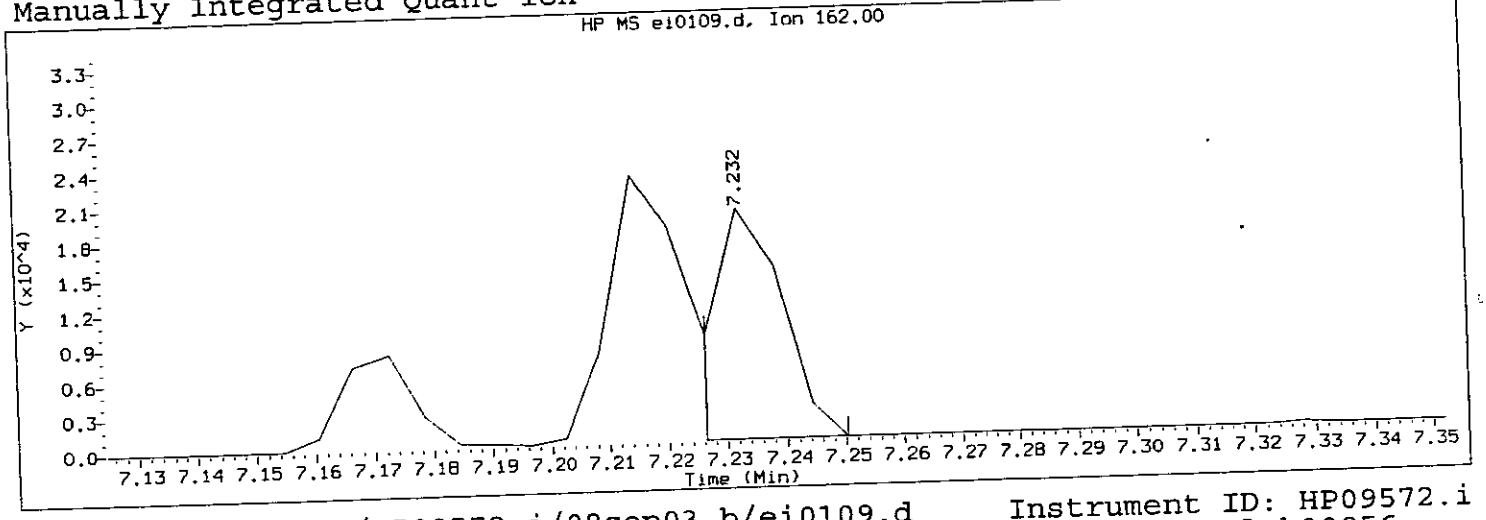
lmh195 09/09/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 828
Retention Time (minutes): 7.232
Quant Ion : 162
Area (flag) : 16750 M
Concentration (ng/ul) : 1.9525
Integration start scan : 826 Integration stop scan: 830.
Y at integration start : 7 Y at integration end: 7

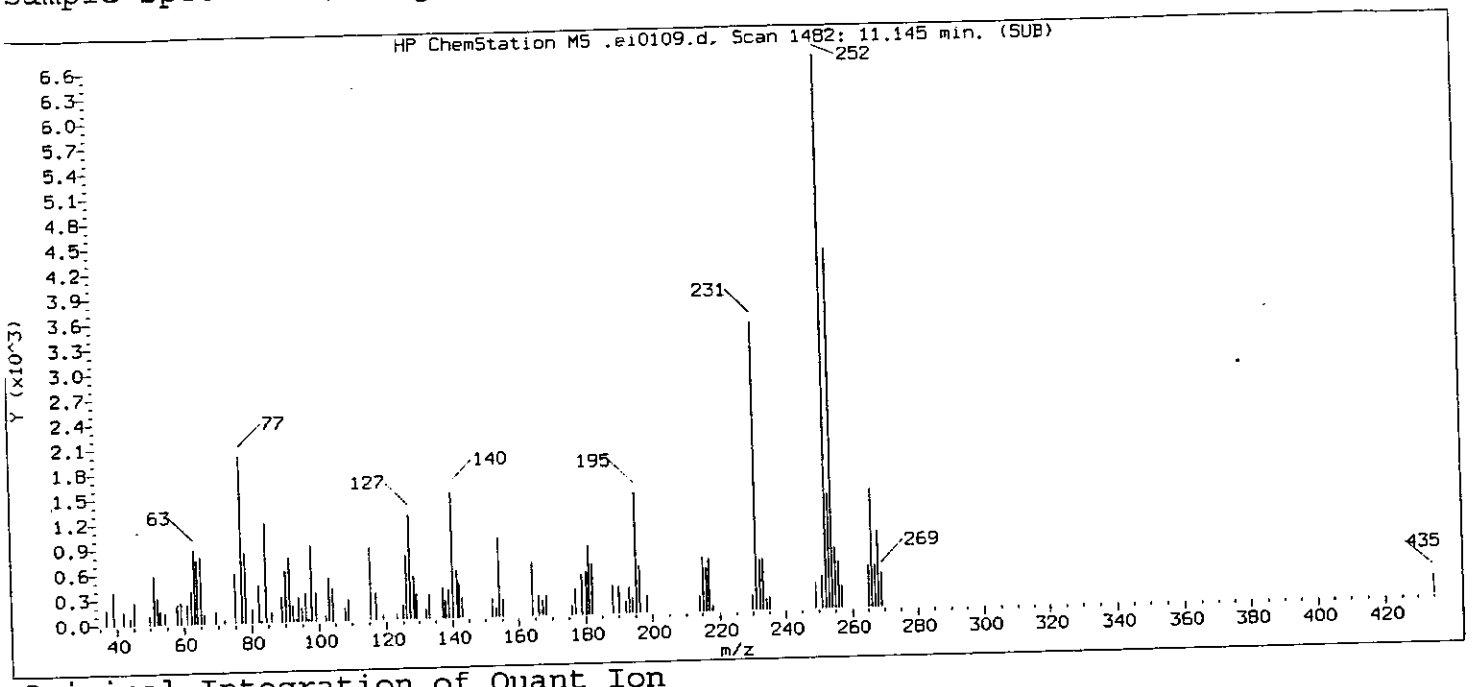
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/04/08

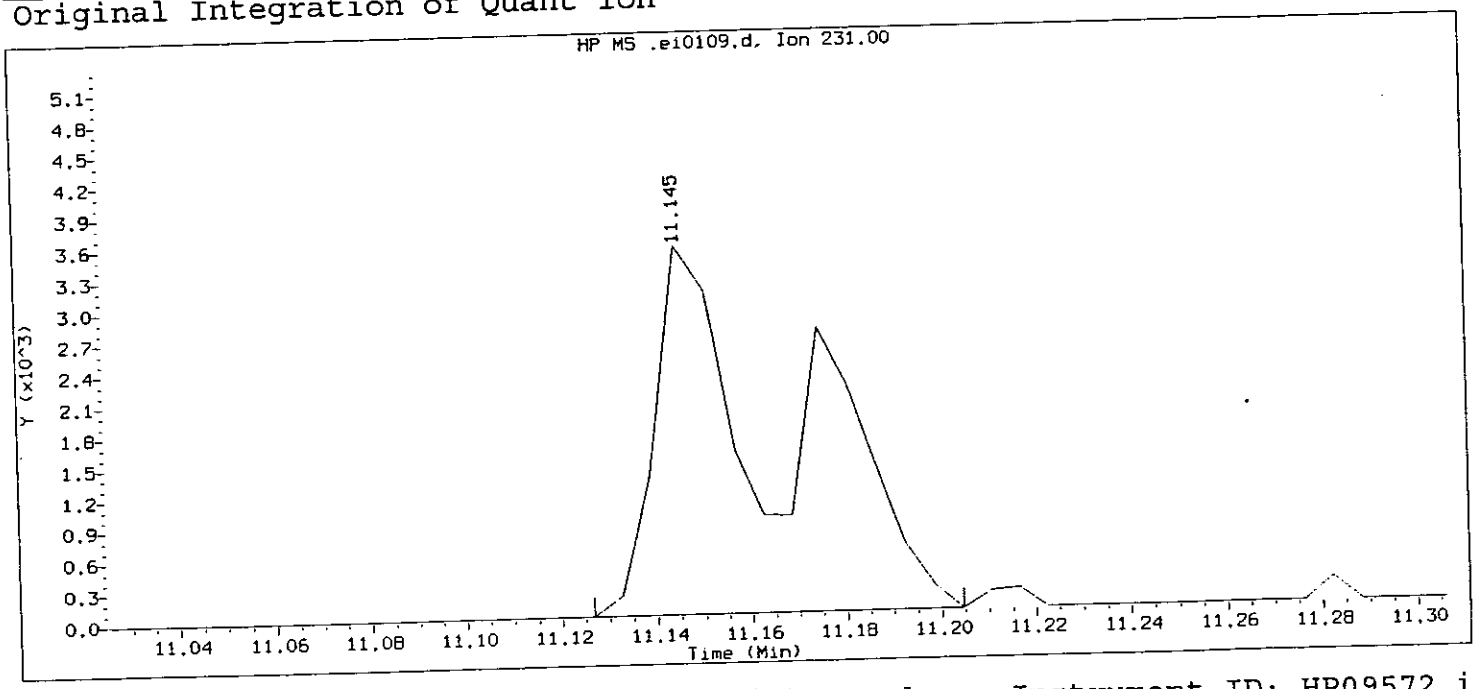
GC/MS audit/management approval: [illegible] 9/8/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sublist used: all1

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number	: 166
Compound Name	: 4,4'-Methylenebis(2-Chloroanil
Scan Number	: 1482
Retention Time (minutes)	: 11.145
Quant Ion	: 231
Area	: 6754
Concentration (ng/ul)	: 4.8949
Integration start scan	: 1478
Y at integration start	: 0

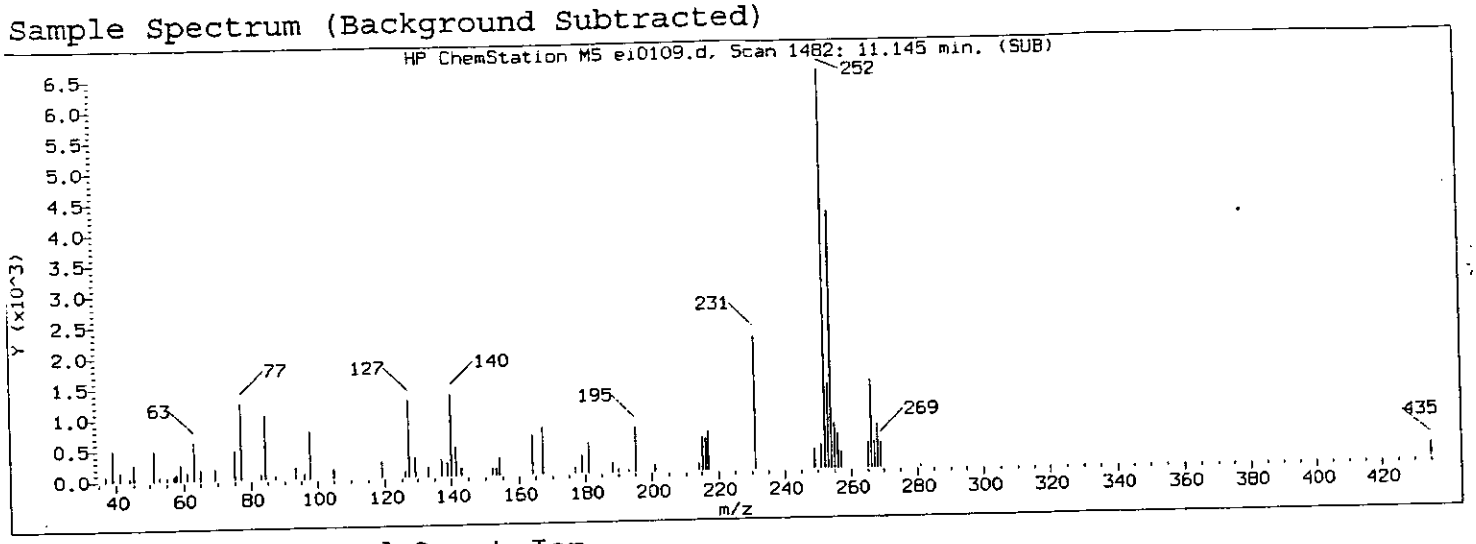
Integration stop scan: 1491
Y at integration end: 0

lmh198 09/04/08

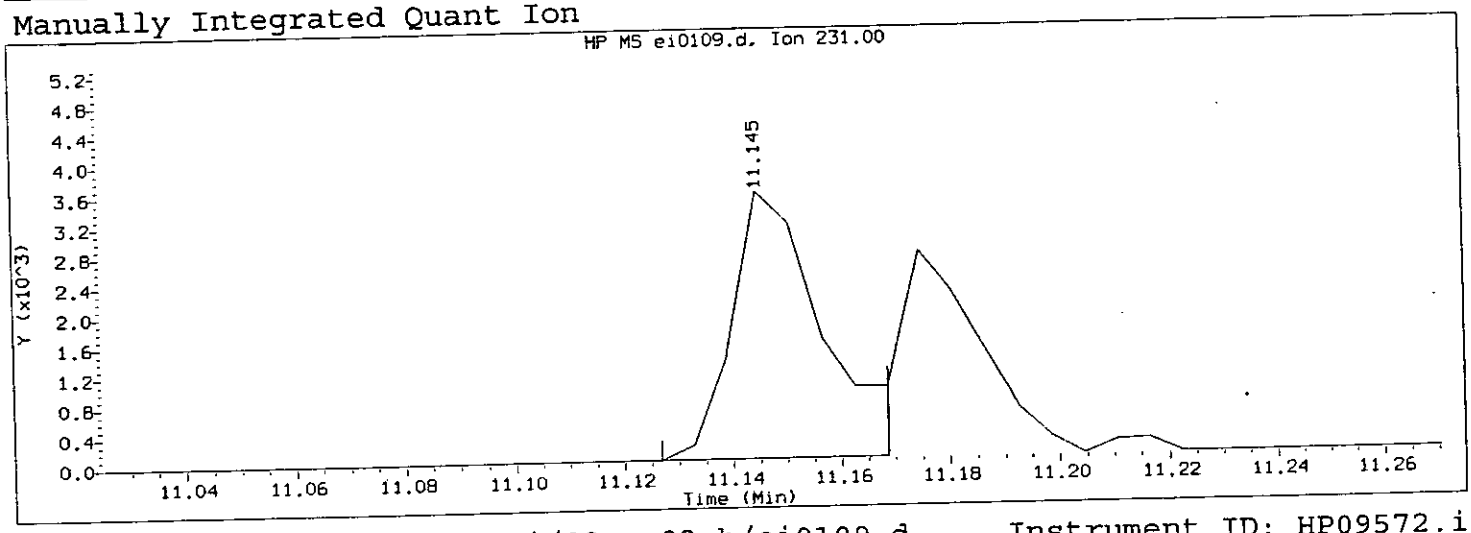
ASX04 0322

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

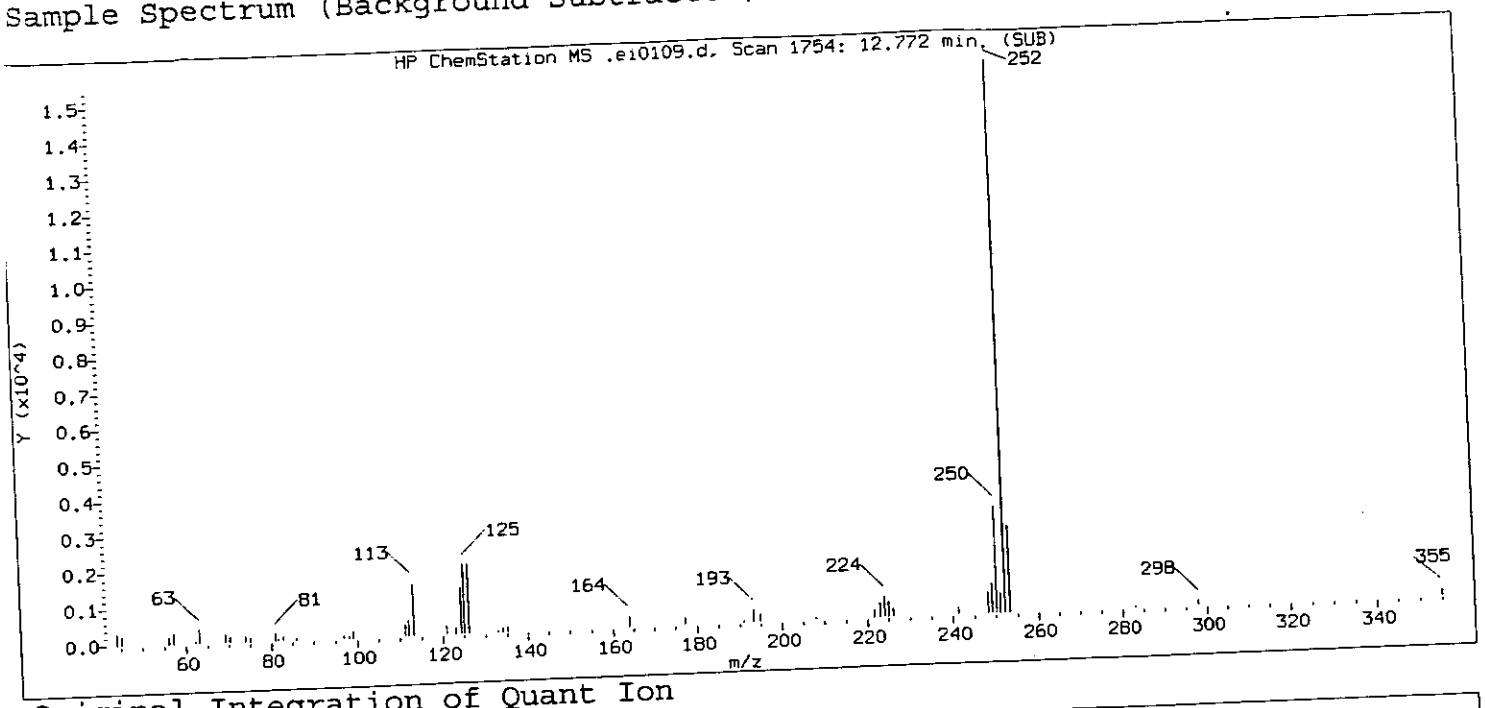
Compound Number : 166
Compound Name : 4,4'-Methylenebis(2-Chloroanil
Scan Number : 1482
Retention Time (minutes): 11.145
Quant Ion : 231
Area (flag) : 4173 M
Concentration (ng/ul) : 4.2278
Integration start scan : 1478 Integration stop scan: 1485
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

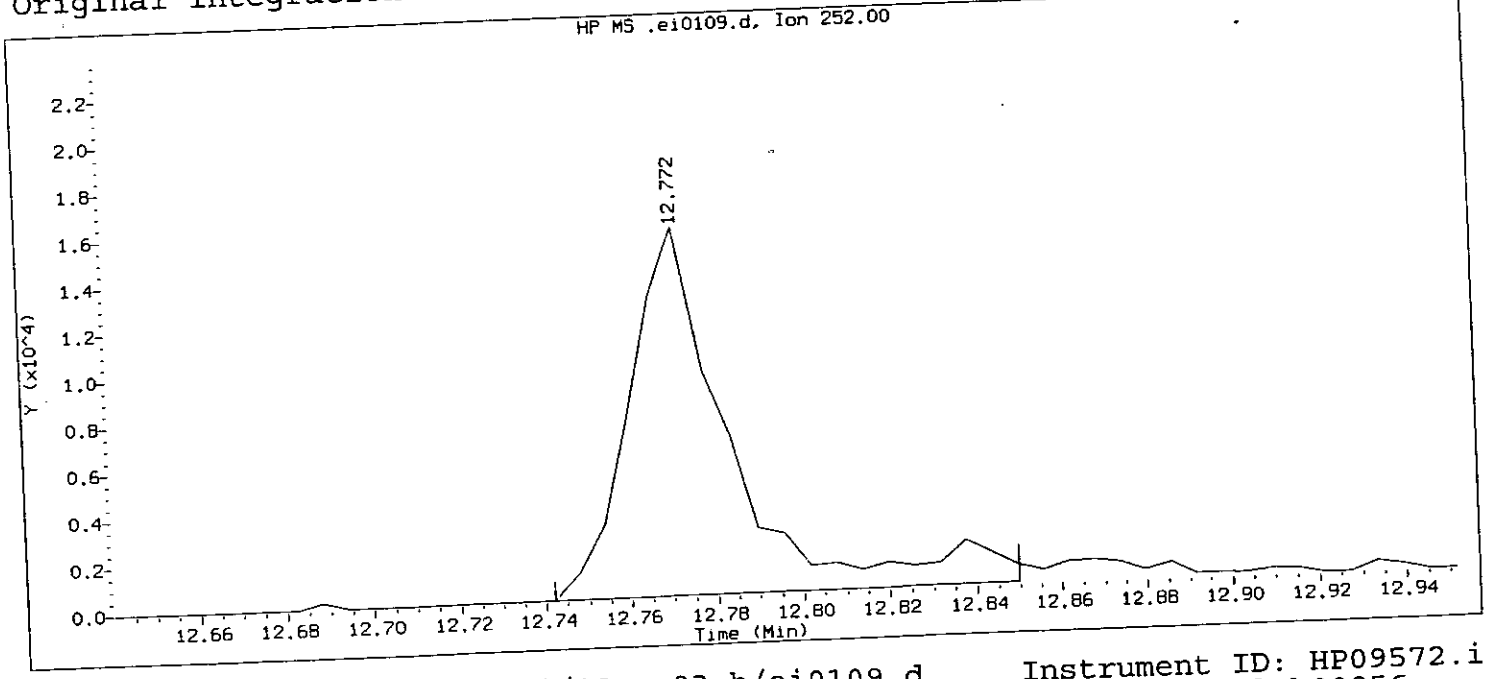
Analyst responsible for change: LMH1956 09/04/08

GC/MS audit/management approval: [illegible] 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

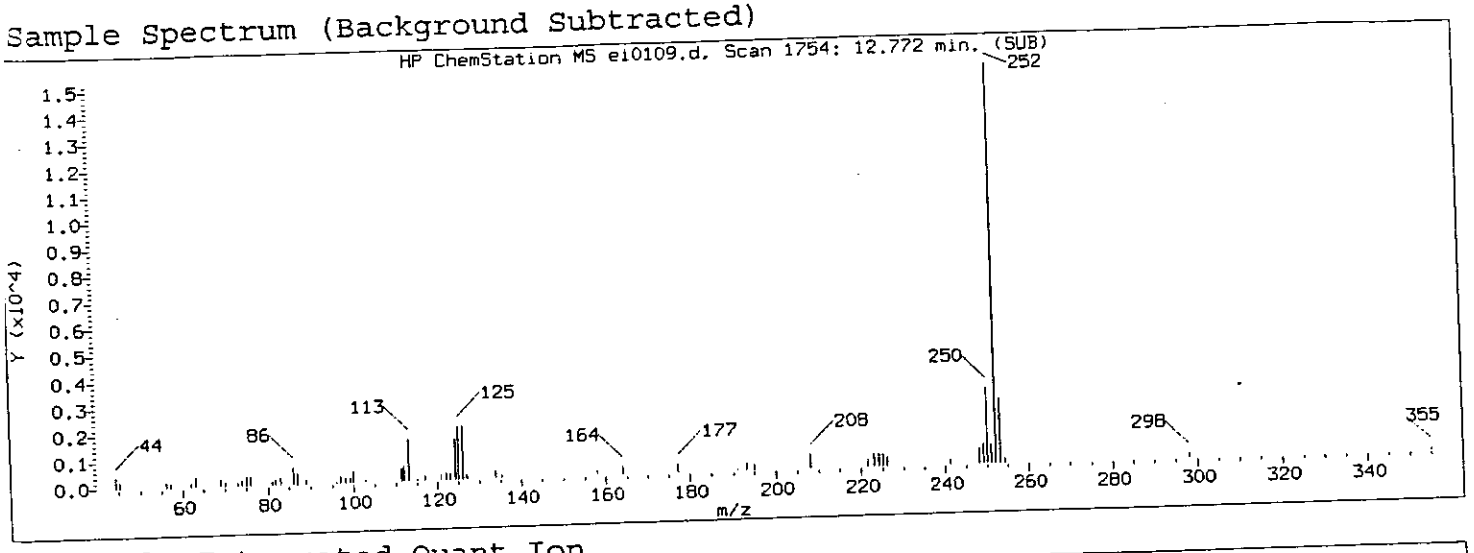
Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1754
Retention Time (minutes)	: 12.772
Quant Ion	: 252
Area	: 25742
Concentration (ng/ul)	: 1.7411
Integration start scan	: 1748
Y at integration start	: 0

Integration stop scan: 1766
Y at integration end: 60

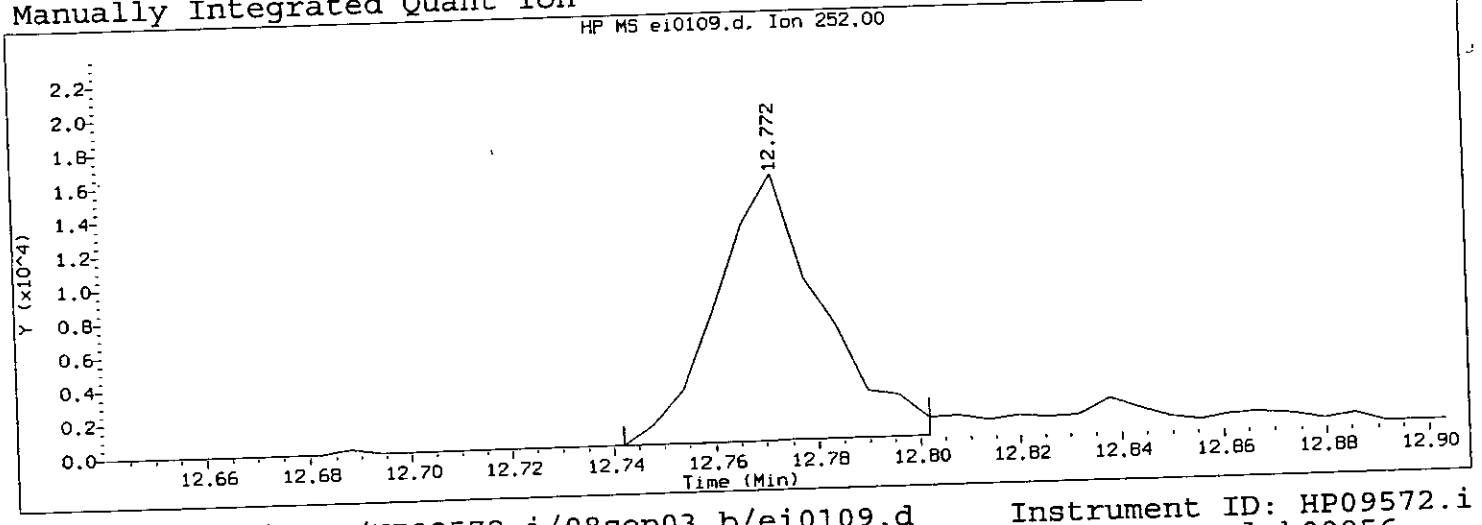
lmh193 09/07/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sublist used: all1

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number	:	175
Compound Name	:	Benzo(a)pyrene
Scan Number	:	1754
Retention Time (minutes)	:	12.772
Quant Ion	:	252
Area (flag)	:	22705 M
Concentration (ng/ul)	:	1.5357
Integration start scan	:	1748 Integration stop scan: 1758
Y at integration start	:	0 Y at integration end: 33

Reason for manual integration (circle one): missed peak improper integration

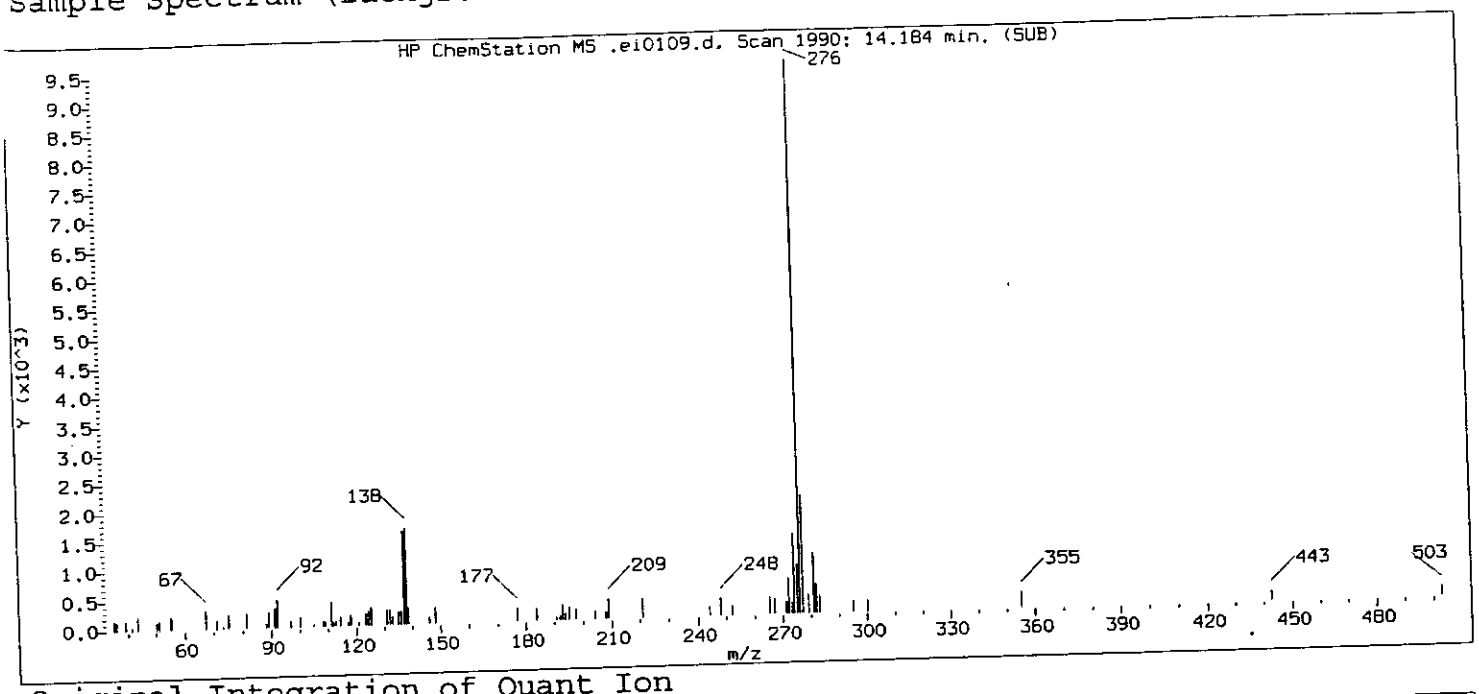
Analyst responsible for change: lmh1950 09/04/08

ASX04 0325

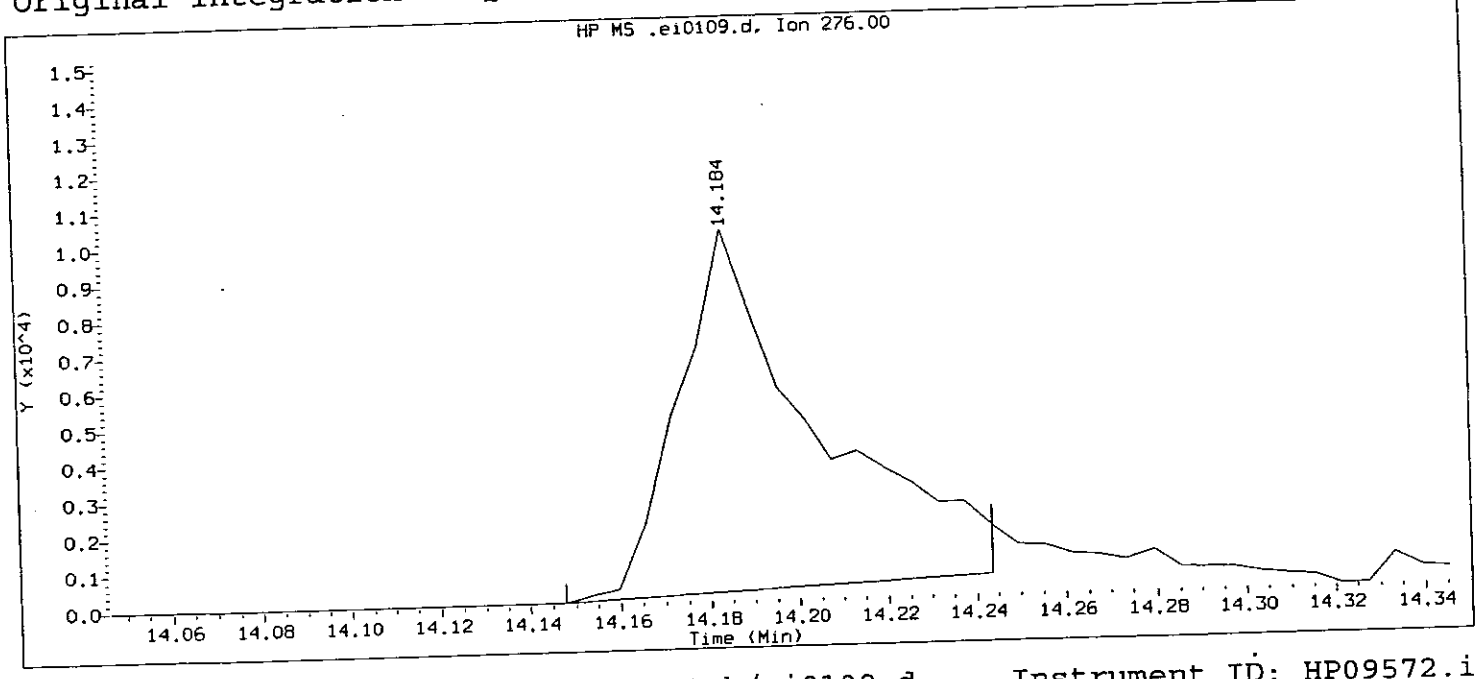
GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sublist used: all1

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

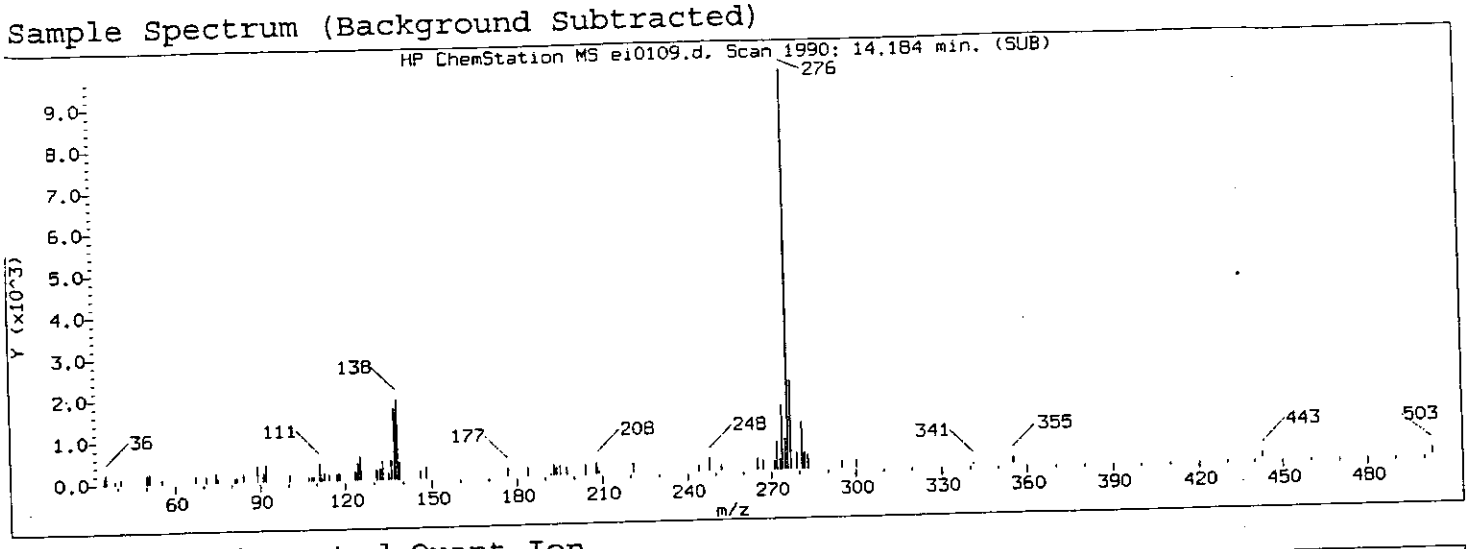
Compound Number	:	180
Compound Name	:	Indeno(1,2,3-cd)pyrene
Scan Number	:	1990
Retention Time (minutes)	:	14.184
Quant Ion	:	276
Area	:	21392
Concentration (ng/ul)	:	1.2088
Integration start scan	:	1983
Y at integration start	:	0

Integration stop scan: 1999
Y at integration end: 502

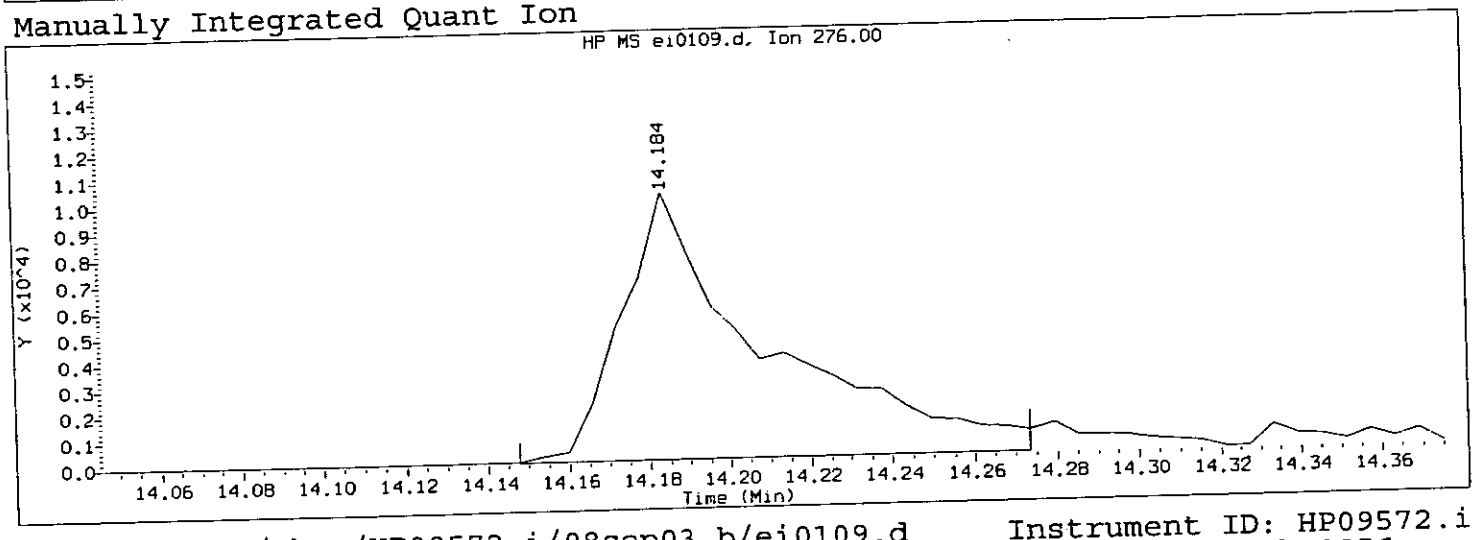
lmh198 09/04/2008 ~~15:04~~ 8326

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

Compound Number	:	180
Compound Name	:	Indeno(1,2,3-cd)pyrene
Scan Number	:	1990
Retention Time (minutes)	:	14.184
Quant Ion	:	276
Area (flag)	:	25300 M
Concentration (ng/ul)	:	1.4296
Integration start scan	:	1983
Y at integration start	:	-29

Integration stop scan: 2004
Y at integration end: -29

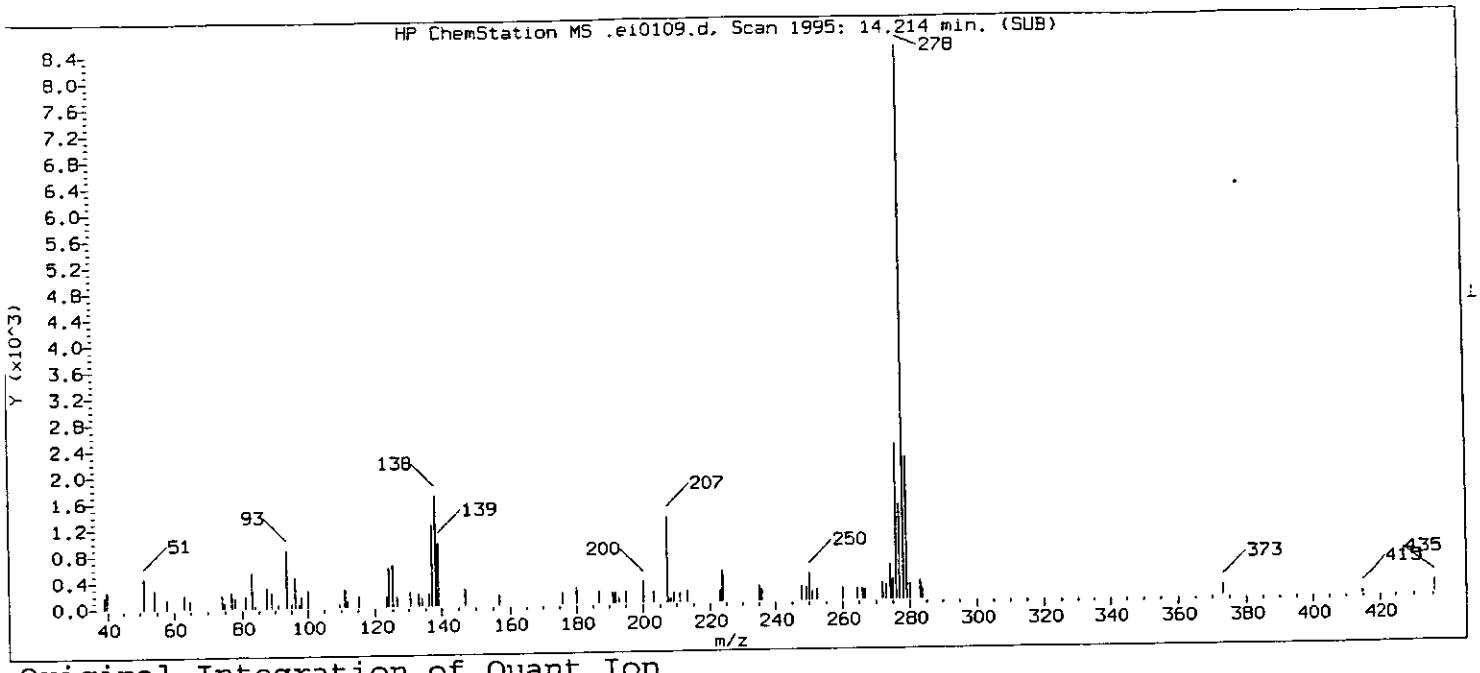
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/04/08

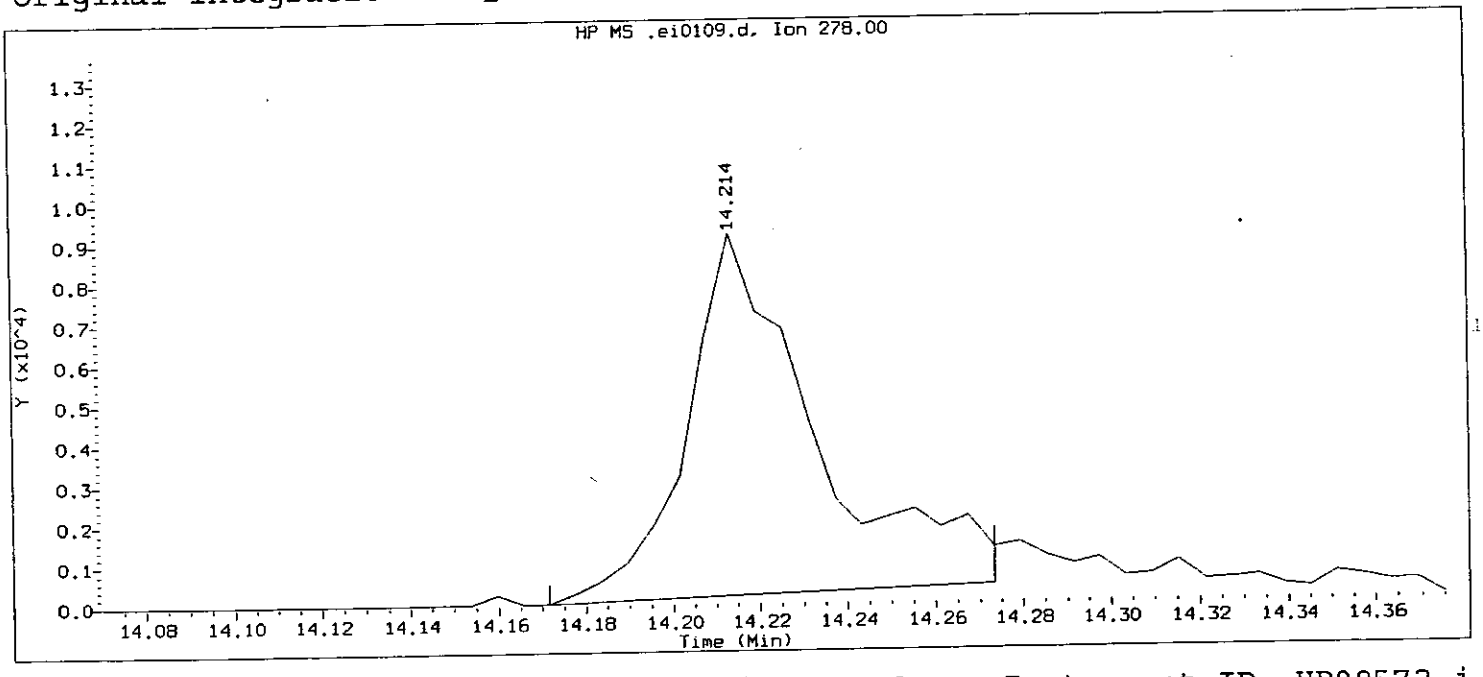
GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d
Injection date and time: 04-SEP-2008 02:10

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 02:28 Automation

Sample Name: SSTD001

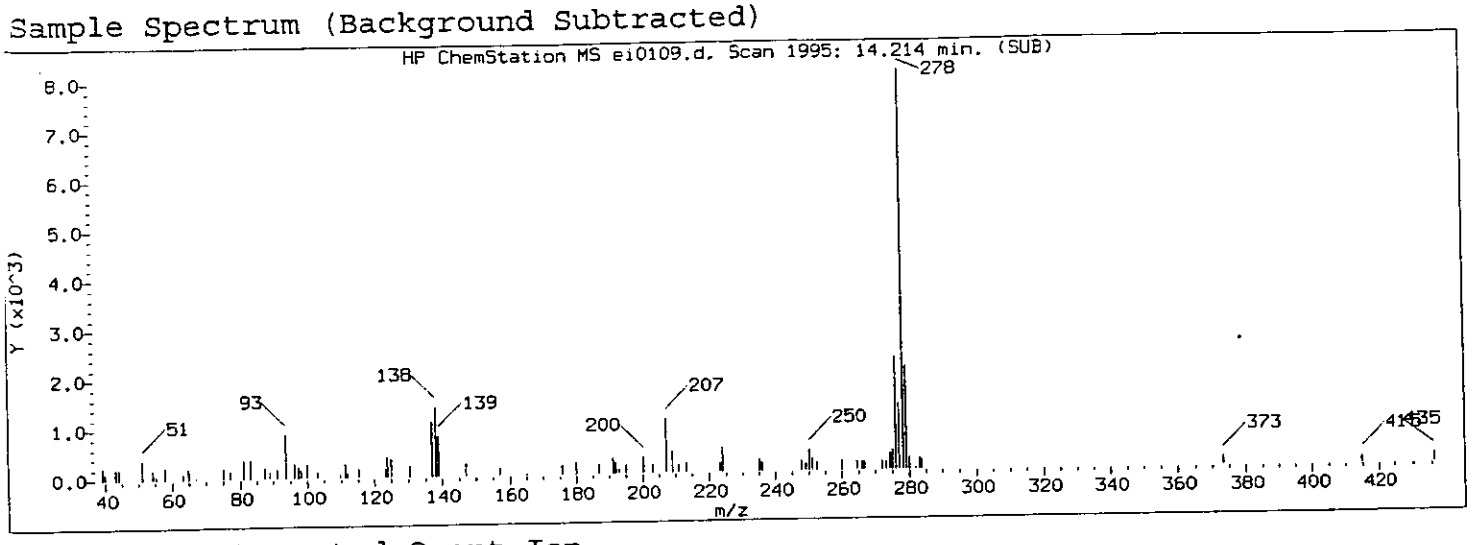
Lab Sample ID: 8270MDL2478

Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1995
Retention Time (minutes)	: 14.214
Quant Ion	: 278
Area	: 18367
Concentration (ng/ul)	: 1.3345
Integration start scan	: 1987 Integration stop scan: 2004
Y at integration start	: 0 Y at integration end: 374

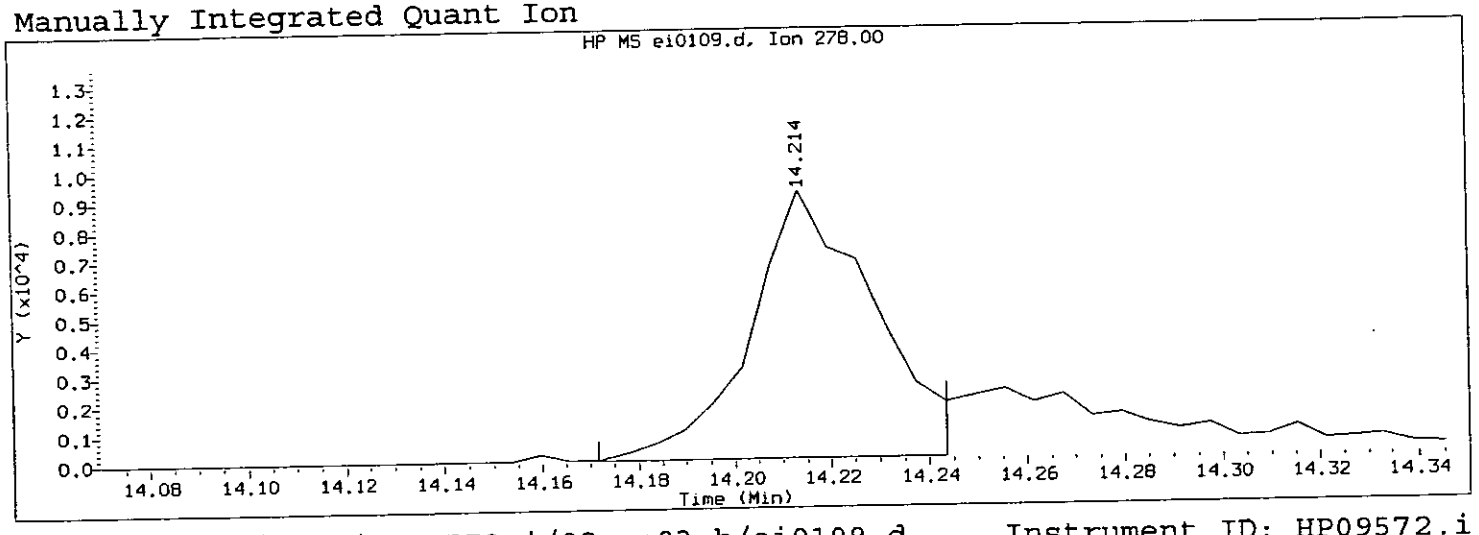
lmh 09/04/08

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0109.d Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:10 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001 Lab Sample ID: 8270MDL2478

Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1995
Retention Time (minutes): 14.214
Quant Ion : 278
Area (flag) : 16382 M
Concentration (ng/ul) : 1.1903
Integration start scan : 1987 Integration stop scan: 1999
Y at integration start : -14 Y at integration end: -14

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: [illegible] 09/04/08

GC/MS audit/management approval: [illegible] 9/5/08

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS | LAB CODE: LANCAS | INSTRUMENT: HP09572

Method: SW-846 8270C | File ID: ei0110.d

ICV SAMPLE ID: ICV2358 | BATCH: 08SEP03026 | Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
1,4-Dioxane	50.00	50.66	1	20	YES
N-Nitrosodimethylamine	50.00	44.39	-11	20	YES
Pyridine	50.00	47.54	-5	20	YES
2-Fluorophenol	50.00	46.92	-6	20	YES
Aniline	50.00	46.82	-6	20	YES
Phenol-d5	50.00	46.08	-8	20	YES
Phenol-d6	50.00	46.08	-8	20	YES
Phenol	50.00	48.37	-3	20	YES
bis(2-Chloroethyl)ether	50.00	48.85	-2	20	YES
2-Chlorophenol	50.00	48.50	-3	20	YES
1,3-Dichlorobenzene	50.00	48.57	-3	20	YES
1,4-Dichlorobenzene	50.00	49.04	-2	20	YES
Benzyl alcohol	50.00	47.70	-5	20	YES
1,2-Dichlorobenzene	50.00	48.10	-4	20	YES
2-Methylphenol	50.00	51.59	3	20	YES
2,2'-oxybis(1-Chloropropane	50.00	56.73	13	20	YES
bis(2-Chloroisopropyl)ether	50.00	56.73	13	20	YES
Acetophenone	50.00	47.55	-5	20	YES
N-Nitroso-di-n-propylamine	50.00	47.64	-5	20	YES
4-Methylphenol	50.00	48.88	-2	20	YES
o-Toluidine	50.00	46.23	-8	20	YES
Hexachloroethane	50.00	46.50	-7	20	YES
Nitrobenzene-d5	50.00	44.77	-10	20	YES
Nitrobenzene	50.00	46.60	-7	20	YES
Isophorone	50.00	47.15	-6	20	YES
2-Nitrophenol	50.00	47.23	-6	20	YES
2,4-Dimethylphenol	50.00	48.20	-4	20	YES
bis(2-Chloroethoxy)methane	50.00	47.38	-5	20	YES
Benzoic acid	50.00	41.06	-18	20	YES
2,4-Dichlorophenol	50.00	47.00	-6	20	YES
1,2,4-Trichlorobenzene	50.00	49.81	0	20	YES
Naphthalene	50.00	48.77	-2	20	YES
4-Chloroaniline	50.00	48.77	-2	20	YES
2,6-Dichlorophenol	50.00	46.18	-8	20	YES
Hexachlorobutadiene	50.00	50.09	0	20	YES
① Caprolactam	50.00	.29	-99	20	NO
4-Chloro-3-methylphenol	50.00	48.15	-4	20	YES

NC = Could not calculate

Comments: YMM198e 09/09/08

Note: ① Caprolactam was not in the spike mix used to make this standard

② 1 and 2-Naphthylamine's true concentration should be 100.00 ppm

Chad Moline
9-8-08

ASX04 8330

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP09572

Method: SW-846 8270C File ID: ei0110.d

ICV SAMPLE ID: ICV2358 BATCH: 08SEP03026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
2-Methylnaphthalene	50.00	50.25	0	20	YES
1-Methylnaphthalene	50.00	47.29	-5	20	YES
Hexachlorocyclopentadiene	100.00	101.28	1	20	YES
1,2,4,5-Tetrachlorobenzene	50.00	46.10	-8	20	YES
2,4,6-Trichlorophenol	50.00	47.00	-6	20	YES
2,4,5-Trichlorophenol	50.00	45.17	-10	20	YES
2-Fluorobiphenyl	50.00	46.09	-8	20	YES
Biphenyl	50.00	48.00	-4	20	YES
Diphenyl	50.00	48.00	-4	20	YES
1,1'-Biphenyl	50.00	48.00	-4	20	YES
2-Chloronaphthalene	50.00	58.98	18	20	YES
Diphenyl ether	50.00	46.21	-8	20	YES
2-Nitroaniline	50.00	48.73	-3	20	YES
Dimethylphthalate	50.00	45.61	-9	20	YES
2,6-Dinitrotoluene	50.00	47.51	-5	20	YES
Acenaphthylene	50.00	46.89	-6	20	YES
3-Nitroaniline	50.00	45.61	-9	20	YES
Acenaphthene	50.00	49.75	-1	20	YES
2,4-Dinitrophenol	50.00	43.09	-14	20	YES
Pentachlorobenzene	50.00	46.27	-7	20	YES
4-Nitrophenol	50.00	53.54	7	20	YES
Dibenzofuran	50.00	47.08	-6	20	YES
2,4-Dinitrotoluene	50.00	47.56	-5	20	YES
(2) 1-Naphthylamine	100.00 ~~50.00~~	99.03	-1 ~~98~~	20	~~NO~~ YES
2,3,4,6-Tetrachlorophenol	50.00	48.35	-3	20	YES
(2) 2-Naphthylamine	100.00 ~~50.00~~	96.08	-4 ~~92~~	20	~~NO~~ YES
Diethylphthalate	50.00	46.78	-6	20	YES
Fluorene	50.00	48.50	-3	20	YES
4-Chlorophenyl-phenylether	50.00	47.16	-6	20	YES
4-Nitroaniline	50.00	46.08	-8	20	YES
4,6-Dinitro-2-methylphenol	50.00	49.86	0	20	YES
N-Nitrosodiphenylamine	50.00	56.81	14	20	YES
1,2-Diphenylhydrazine	50.00	48.75	-2	20	YES
2,4,6-Tribromophenol	50.00	46.49	-7	20	YES
4-Bromophenyl-phenylether	50.00	48.53	-3	20	YES
Hexachlorobenzene	50.00	48.01	-4	20	YES
Pentachlorophenol	50.00	46.98	-6	20	YES

NC = Could not calculate

Comments:

ASX04 8331

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

LAB NAME: LANCASTER LABS LAB CODE: LANCAS INSTRUMENT: HP09572

Method: SW-846 8270C File ID: ei0110.d

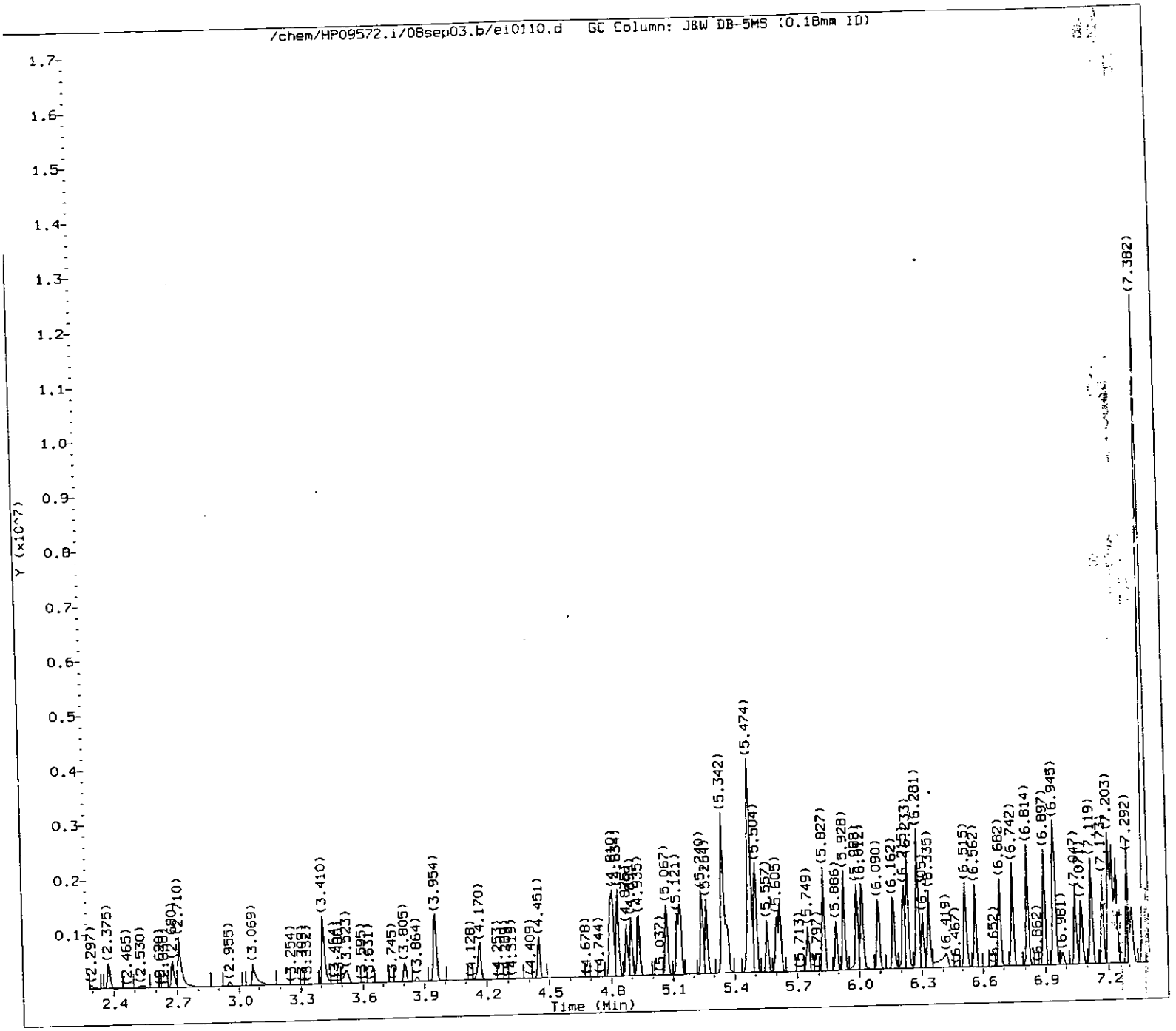
ICV SAMPLE ID: ICV2358 BATCH: 08SEP03026 Sample Name: SSTD050

COMPOUND NAME	TRUE CONC.	ACTUAL CONC.	% DRIFT	%D window	INSPEC
Pentachloronitrobenzene	50.00	44.00	-12	20	YES
Phenanthrene	50.00	50.86	2	20	YES
Anthracene	50.00	50.34	1	20	YES
Carbazole	50.00	49.02	-2	20	YES
Di-n-butylphthalate	50.00	48.16	-4	20	YES
Fluoranthene	50.00	47.53	-5	20	YES
Benzidine	250.00	293.58	17	20	YES
Pyrene	50.00	48.59	-3	20	YES
Terphenyl-d14	50.00	45.27	-9	20	YES
Butylbenzylphthalate	50.00	47.33	-5	20	YES
3,3'-Dichlorobenzidine	50.00	49.04	-2	20	YES
4,4'-Methylenebis(2-Chloroa	50.00	41.01	-18	20	YES
Benzo(a)anthracene	50.00	48.65	-3	20	YES
Chrysene	50.00	49.98	0	20	YES
bis(2-Ethylhexyl)phthalate	50.00	49.50	-1	20	YES
Di-n-octylphthalate	50.00	43.46	-13	20	YES
7,12-Dimethylbenz[a]anthrac	50.00	42.25	-15	20	YES
Benzo(b)fluoranthene	50.00	46.50	-7	20	YES
Benzo(k)fluoranthene	50.00	46.59	-7	20	YES
Benzo(a)pyrene	50.00	48.54	-3	20	YES
3-Methylcholanthrene	50.00	44.02	-12	20	YES
Dibenz(a,h)acridine	50.00	40.49	-19	20	YES
Dibenz(a,j)acridine	50.00	47.72	-5	20	YES
Indeno(1,2,3-cd)pyrene	50.00	44.37	-11	20	YES
Dibenz(a,h)anthracene	50.00	47.27	-5	20	YES
Benzo(g,h,i)perylene	50.00	45.53	-9	20	YES

NC = Could not calculate

Comments:

6SX84 0332



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

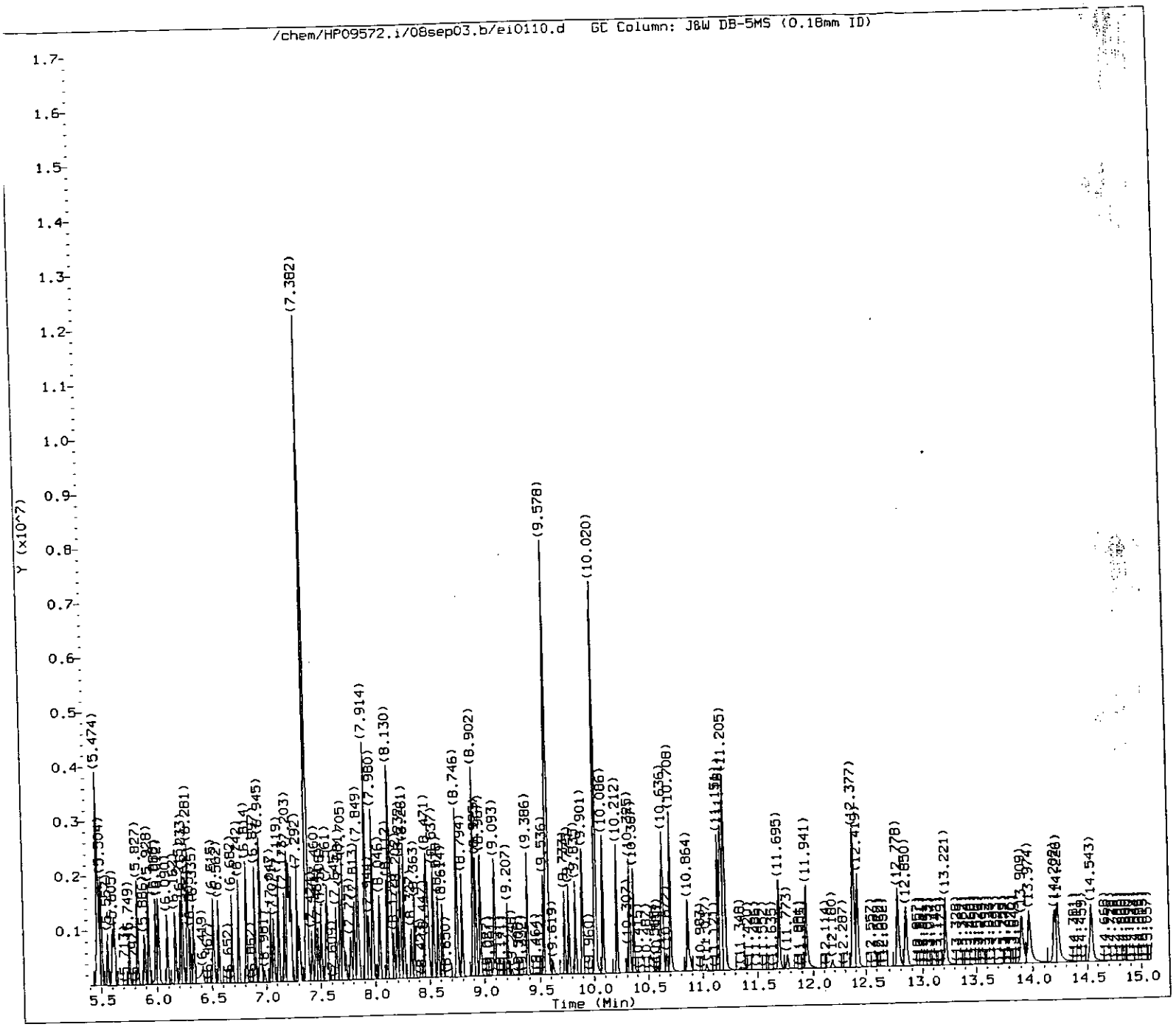
Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

ASX84 0333

lmh198 09/08/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

ASX04 0934

lmh 09/04/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.375	88	175670	50.6604
2) N-Nitrosodimethylamine	(1)	2.680	74	239405	44.3851
3) Pyridine	(1)	2.710	79	428949	47.5357
13) Aniline	(1)	4.834	93	513289	46.8161
16) Phenol	(1)	4.810	94	406764	48.3701
18) bis(2-Chloroethyl)ether	(1)	4.899	93	315486	48.8501
19) 2-Chlorophenol	(1)	4.935	128	222246	48.5047
20) 1,3-Dichlorobenzene	(1)	5.067	146	224764	48.5665
21) 1,4-Dichlorobenzene-d4	(1)	5.121	152	109989	40.0000
22) 1,4-Dichlorobenzene	(1)	5.139	146	231164	49.0373
24) Benzyl alcohol	(1)	5.240	108	188158	47.6951
25) 1,2-Dichlorobenzene	(1)	5.264	146	209253	48.1016
26) 2-Methylphenol	(1)	5.348	108	250771	51.5892
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.366	45	340444	56.7270
28) bis(2-Chloroisopropyl)ether	(1)	5.366	45	340444	56.7270
30) Acetophenone	(1)	5.474	105	391553	47.5516
31) N-Nitroso-di-n-propylamine	(1)	5.480	70	282931	47.6415
33) 4-Methylphenol	(1)	5.474	108	271015	48.8817
34) o-Toluidine	(1)	5.504	106	427051	46.2322
37) Hexachloroethane	(1)	5.557	117	90415	46.4968
39) Nitrobenzene	(2)	5.617	77	377943	46.6047
41) Isophorone	(2)	5.827	82	703015	47.1458
43) 2-Nitrophenol	(2)	5.892	139	111476	47.2289
45) 2,4-Dimethylphenol	(2)	5.928	107	283458	48.2014
47) bis(2-Chloroethoxy)methane	(2)	6.012	93	369230	47.3776
48) Benzoic acid	(2)	6.018	105	201108	41.0597
50) 2,4-Dichlorophenol	(2)	6.096	162	178195	46.9977
51) 1,2,4-Trichlorobenzene	(2)	6.168	180	184160	49.8057
53) Naphthalene-d8	(2)	6.215	136	502780	40.0000
54) Naphthalene	(2)	6.233	128	665875	48.7704
56) 4-Chloroaniline	(2)	6.281	127	280177	48.7660
57) 2,6-Dichlorophenol	(2)	6.281	162	170950	46.1839
60) Hexachlorobutadiene	(2)	6.335	225	103424	50.0858
63) Caprolactam	(2)	6.568	113	588	0.2874
68) 4-Chloro-3-methylphenol	(2)	6.682	107	248167	48.1485
70) 2-Methylnaphthalene	(2)	6.814	142	456378	50.2468
71) 1-Methylnaphthalene	(2)	6.897	142	428596	47.2918
72) Hexachlorocyclopentadiene	(3)	6.945	237	223885	101.2820
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.951	216	177520	46.1036
75) 2,4,6-Trichlorophenol	(3)	7.047	196	124544	47.0047
77) 2,4,5-Trichlorophenol	(3)	7.077	196	137221	45.1673
81) Biphenyl	(3)	7.203	154	531831	48.0039
82) Diphenyl	(3)	7.203	154	531831	48.0039

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 0335

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.203	154	531831	48.0039
84) 2-Chloronaphthalene	(3)	7.221	162	581630M	58.9779
85) 1-Chloronaphthalene	(3)	7.238	162	375071M	44.7281
88) Diphenyl ether	(3)	7.292	170	280329	46.2064
89) 2-Nitroaniline	(3)	7.310	138	146032	48.7291
92) Dimethylphthalate	(3)	7.460	163	465055	45.6060
94) 2,6-Dinitrotoluene	(3)	7.508	165	108751	47.5134
95) Acenaphthylene	(3)	7.567	152	624993	46.8922
97) 3-Nitroaniline	(3)	7.645	138	123121	45.6114
98) Acenaphthene-d10	(3)	7.681	164	288931	40.0000
99) Acenaphthene	(3)	7.705	153	402430	49.7494
100) 2,4-Dinitrophenol	(3)	7.735	184	51640	43.0865
101) Pentachlorobenzene	(3)	7.813	250	172925	46.2716
103) 4-Nitrophenol	(3)	7.777	109	99592	53.5358
104) Dibenzofuran	(3)	7.849	168	592342	47.0777
105) 2,4-Dinitrotoluene	(3)	7.843	165	144696	47.5555
106) 1-Naphthylamine	(3)	7.920	143	888957	99.0310
107) 2,3,4,6-Tetrachlorophenol	(3)	7.950	232	117018	48.3474
108) 2-Naphthylamine	(3)	7.986	143	866592	96.0814
109) Diethylphthalate	(3)	8.046	149	456692	46.7833
111) Fluorene	(3)	8.130	166	492021	48.5012
112) 4-Chlorophenyl-phenylether	(3)	8.136	204	224426	47.1580
114) 4-Nitroaniline	(3)	8.154	138	134009	46.0790
115) 4,6-Dinitro-2-methylphenol	(4)	8.172	198	74591	49.8615
117) N-Nitrosodiphenylamine	(4)	8.232	169	420690	56.8083
118) 1,2-Diphenylhydrazine	(4)	8.261	77	852199	48.7529
126) 4-Bromophenyl-phenylether	(4)	8.537	248	140317	48.5253
128) Hexachlorobenzene	(4)	8.578	284	149766	48.0087
132) Pentachlorophenol	(4)	8.740	266	92437	46.9827
133) Pentachloronitrobenzene	(4)	8.752	237	57410	43.9965
136) Phenanthrene-d10	(4)	8.902	188	522503	40.0000
138) Phenanthrene	(4)	8.925	178	698521	50.8551
139) Anthracene	(4)	8.967	178	738043	50.3401
141) Carbazole	(4)	9.093	167	712351	49.0211
143) Di-n-butylphthalate	(4)	9.386	149	826944	48.1624
148) Fluoranthene	(4)	9.901	202	768652	47.5314
153) Benzidine	(5)	10.020	184	2635495	293.5840
155) Pyrene	(5)	10.086	202	818624	48.5905
162) Butylbenzylphthalate	(5)	10.636	149	368336	47.3252
165) 3,3'-Dichlorobenzidine	(5)	11.151	252	295320	49.0407
166) 4,4'-Methylenebis(2-Chloroanil	(5)	11.157	231	136484	41.0060
167) Benzo(a)anthracene	(5)	11.175	228	797161	48.6493
168) Chrysene-d12	(5)	11.187	240	567632	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 8336

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

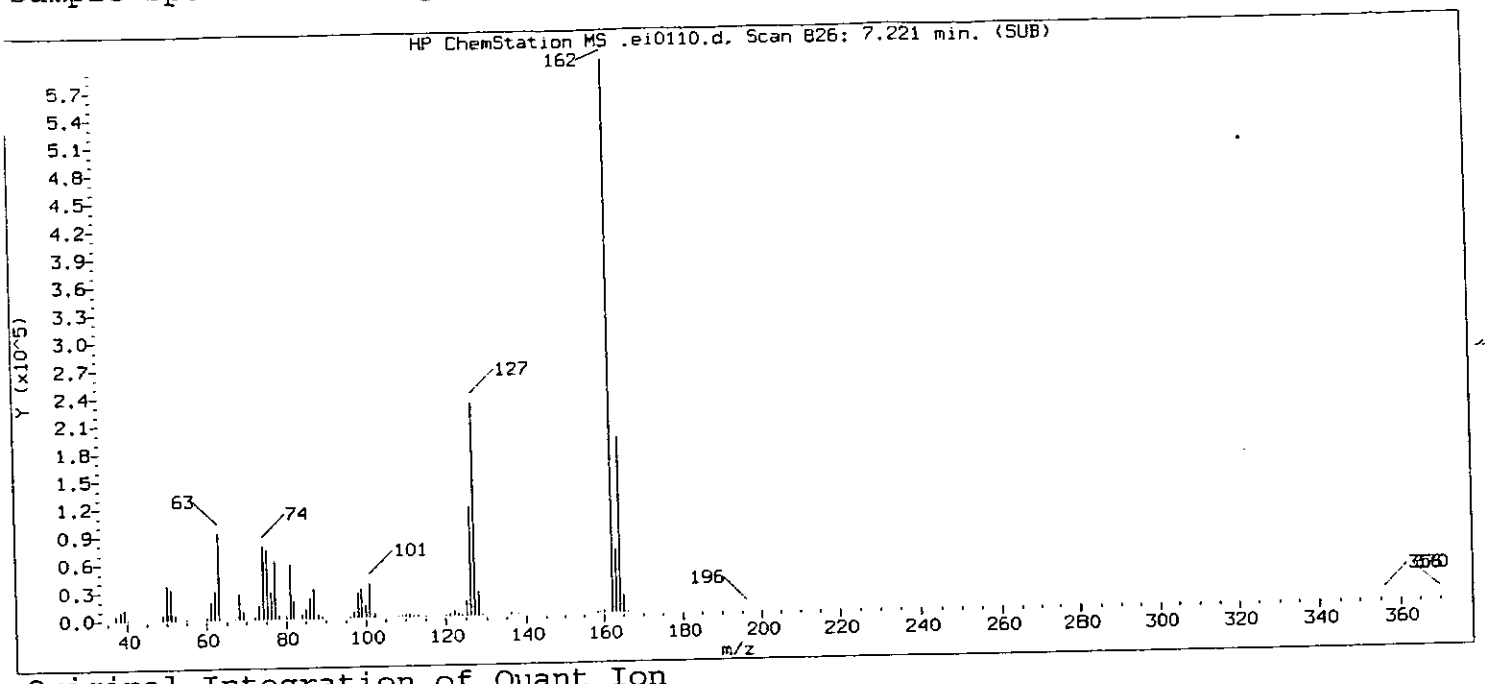
Lab Sample ID: ICV2358

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169)	Chrysene	(5)	11.211	228	781508	49.9832
170)	bis(2-Ethylhexyl)phthalate	(5)	11.205	149	485572	49.5015
171)	Di-n-octylphthalate	(6)	11.941	149	790311	43.4607
172)	7,12-Dimethylbenz[a]anthracene	(6)	12.377	256	379201	42.2540
173)	Benzo(b)fluoranthene	(6)	12.383	252	802739	46.4972
174)	Benzo(k)fluoranthene	(6)	12.419	252	837829	46.5873
175)	Benzo(a)pyrene	(6)	12.778	252	759023	48.5417
176)	Perylene-d12	(6)	12.850	264	472023	40.0000
177)	3-Methylcholanthrene	(6)	13.221	268	400725	44.0157
178)	Dibenz(a,h)acridine	(6)	13.909	279	556498	40.4919
179)	Dibenz(a,j)acridine	(6)	13.974	279	697882	47.7223
180)	Indeno(1,2,3-cd)pyrene	(6)	14.202	276	830450	44.3684
181)	Dibenz(a,h)anthracene	(6)	14.232	278	688145	47.2743
182)	Benzo(g,h,i)perylene	(6)	14.543	276	717921	45.5265
9)	2-Fluorophenol	(1)	3.954	112	247563	46.9223
14)	Phenol-d5	(1)	4.798	99	374861	46.0753
15)	Phenol-d6	(1)	4.798	99	374861	46.0753
38)	Nitrobenzene-d5	(2)	5.605	82	336695	44.7713
78)	2-Fluorobiphenyl	(3)	7.119	172	460159	46.0893
119)	2,4,6-Tribromophenol	(3)	8.327	330	73807	46.4893
157)	Terphenyl-d14	(5)	10.212	244	598537	45.2682

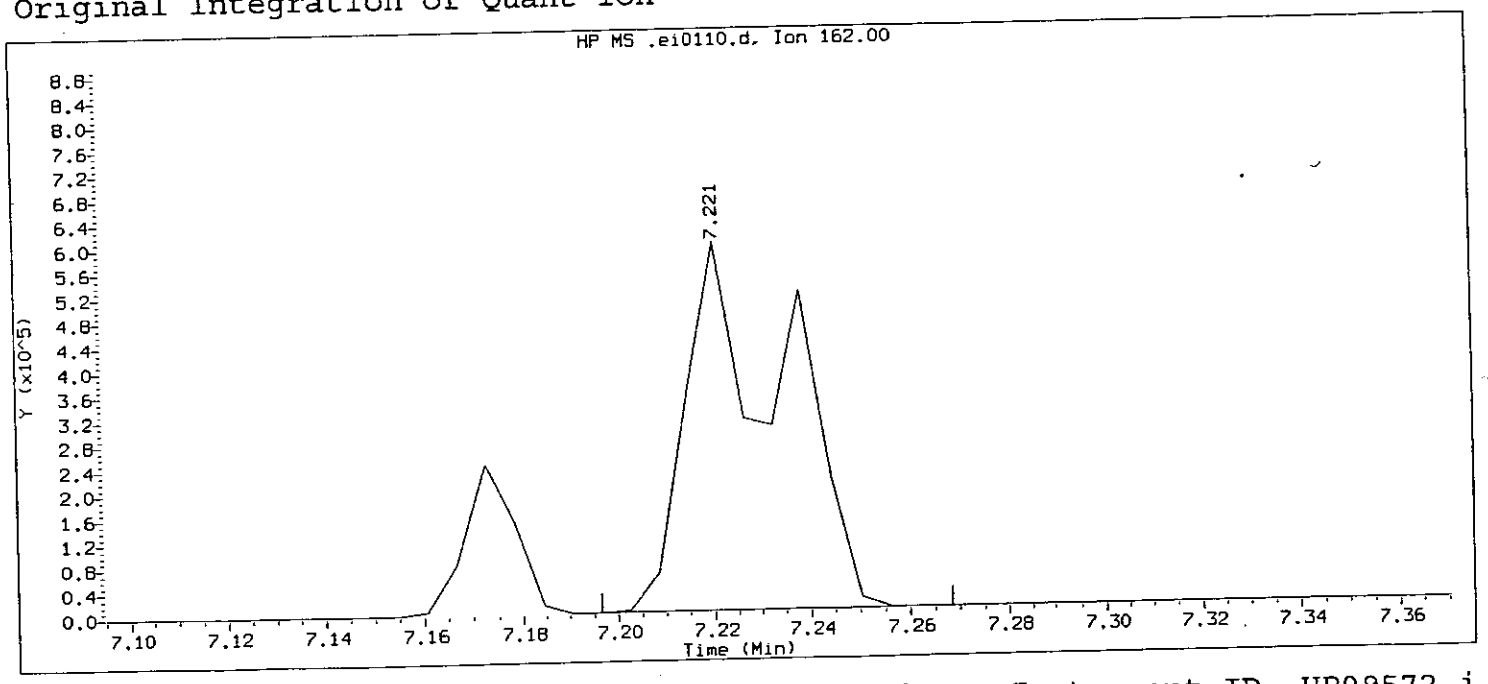
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 02:51 Automation

Sample Name: SSTD050

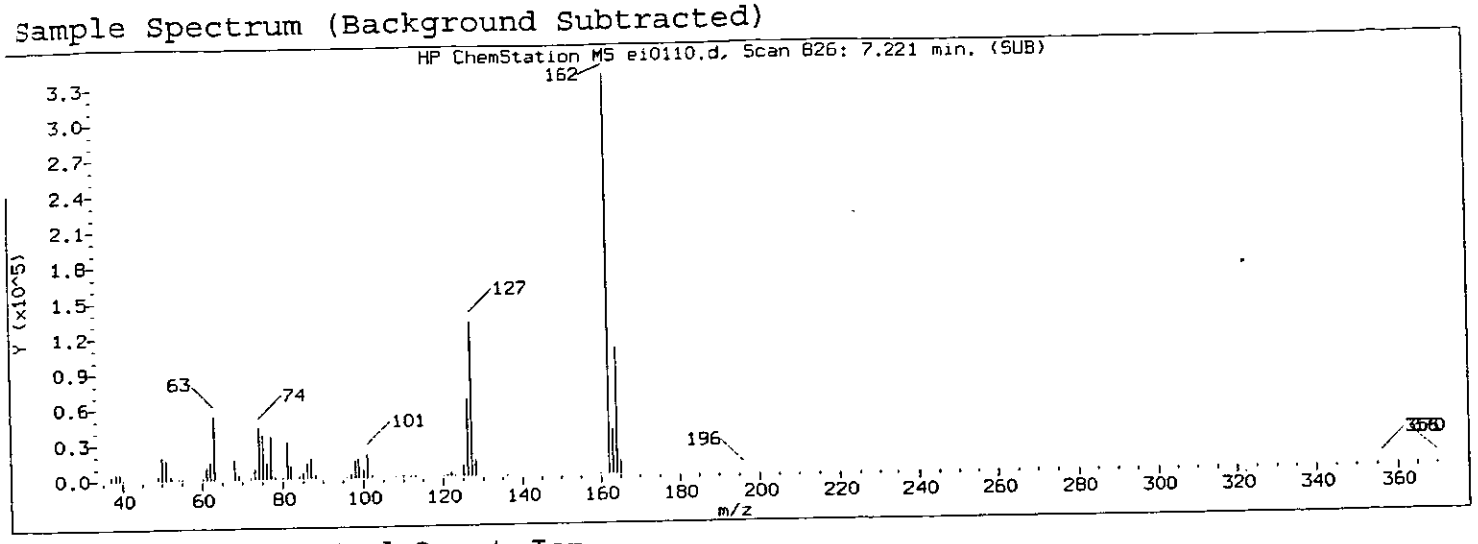
Lab Sample ID: ICV2358

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.221
Quant Ion : 162
Area : 850736
Concentration (ng/ul) : 86.2655
Integration start scan : 821
Integration stop scan: 833
Y at integration start : 85
Y at integration end: 93

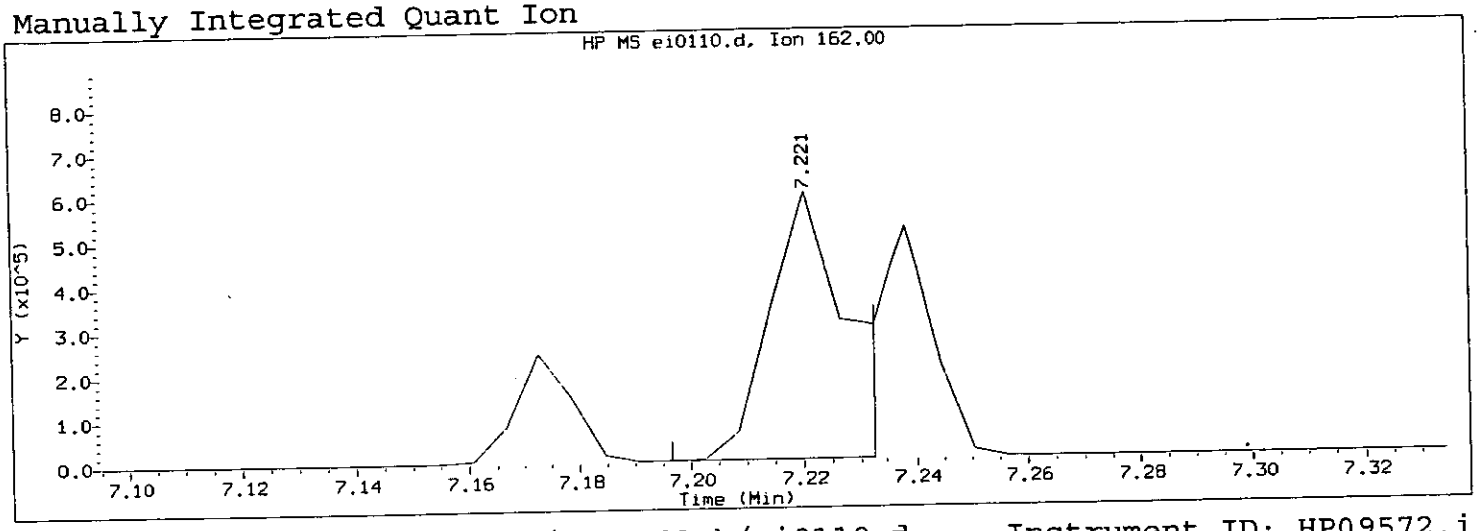
lmh 09/04/08 SX84 8338

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0110.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sublist used: all1

Sample Name: SSTD050

Lab Sample ID: ICV2358

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.221
Quant Ion : 162
Area (flag) : 581630 M
Concentration (ng/ul) : 58.9779
Integration start scan : 821 Integration stop scan: 827
Y at integration start : 85 Y at integration end: 88

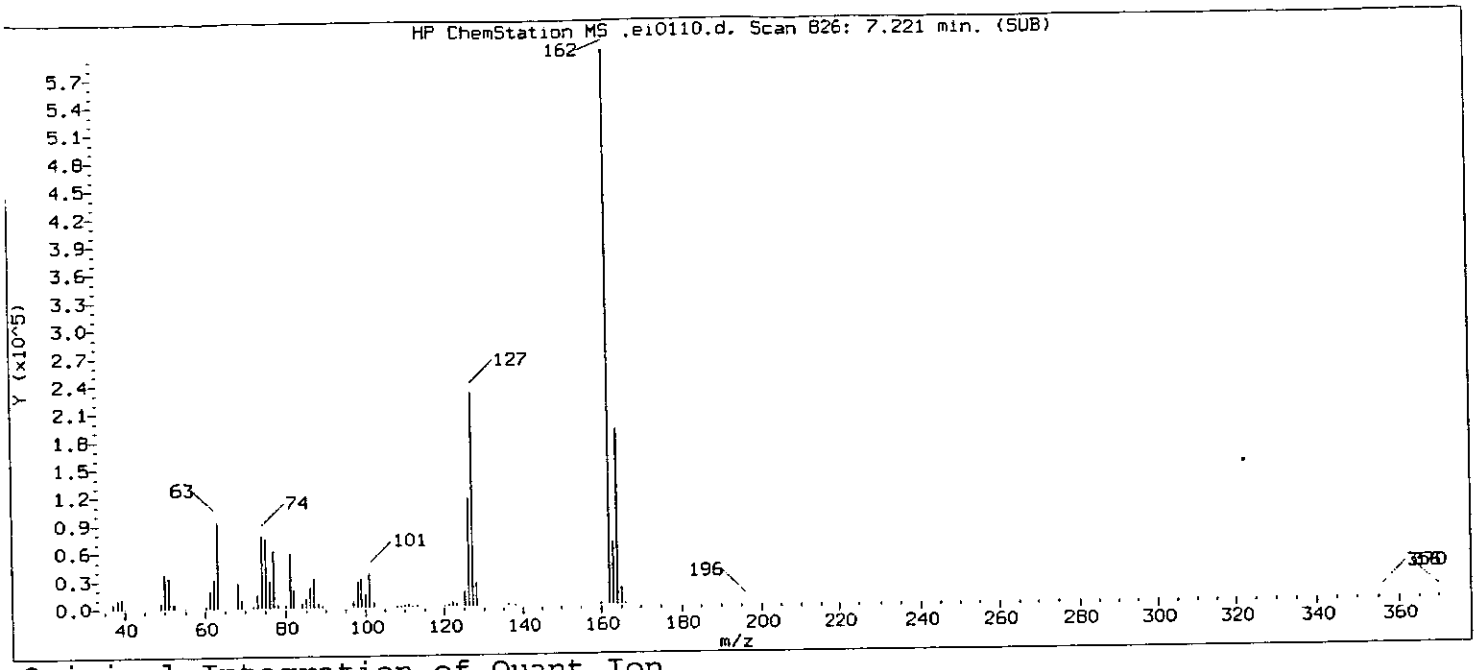
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/04/08

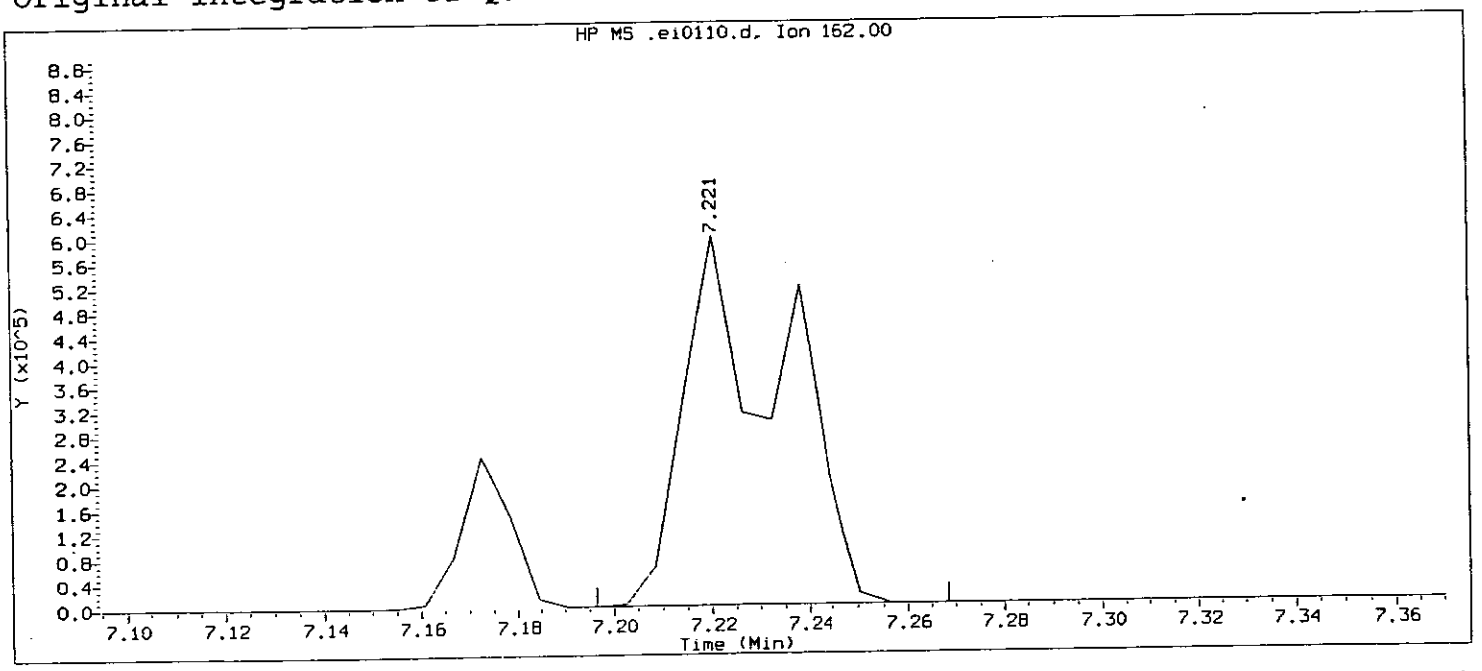
GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0110.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31
Date, time and analyst ID of latest file update: 04-Sep-2008 02:51 Automation

Sublist used: all1

Sample Name: SSTD050

Lab Sample ID: ICV2358

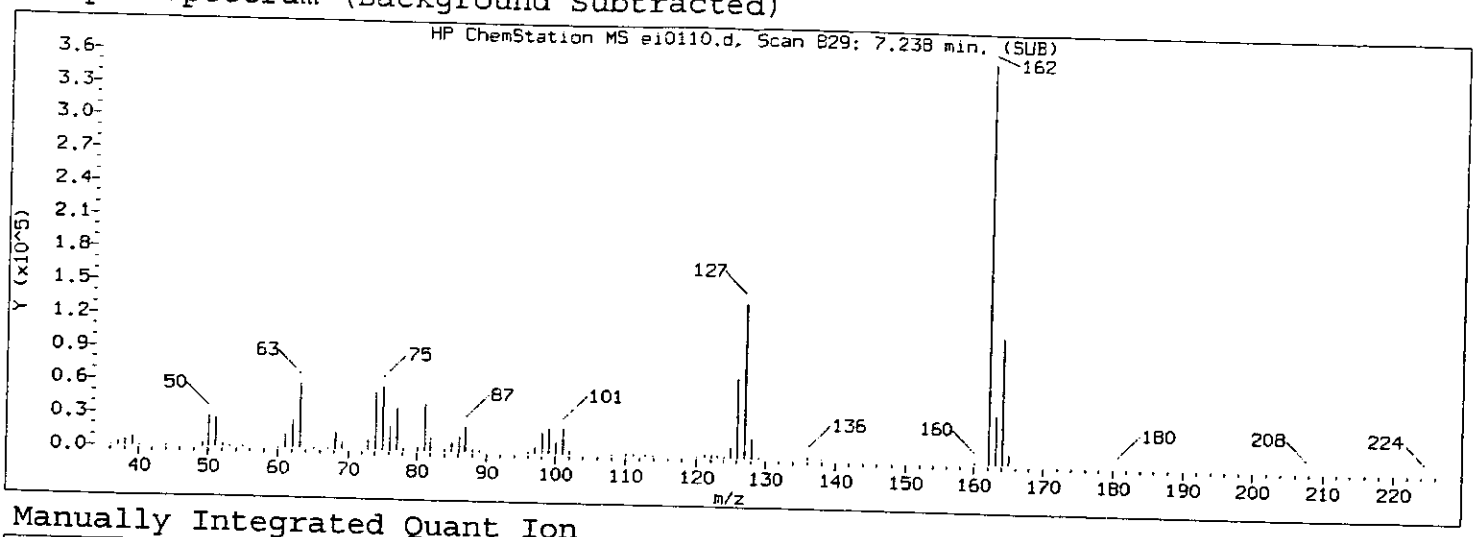
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.221
Quant Ion : 162
Area : 850736
Concentration (ng/ul) : 101.4522
Integration start scan : 821
Integration stop scan: 833
Y at integration start : 85
Y at integration end: 93

LMN198 09/09/08

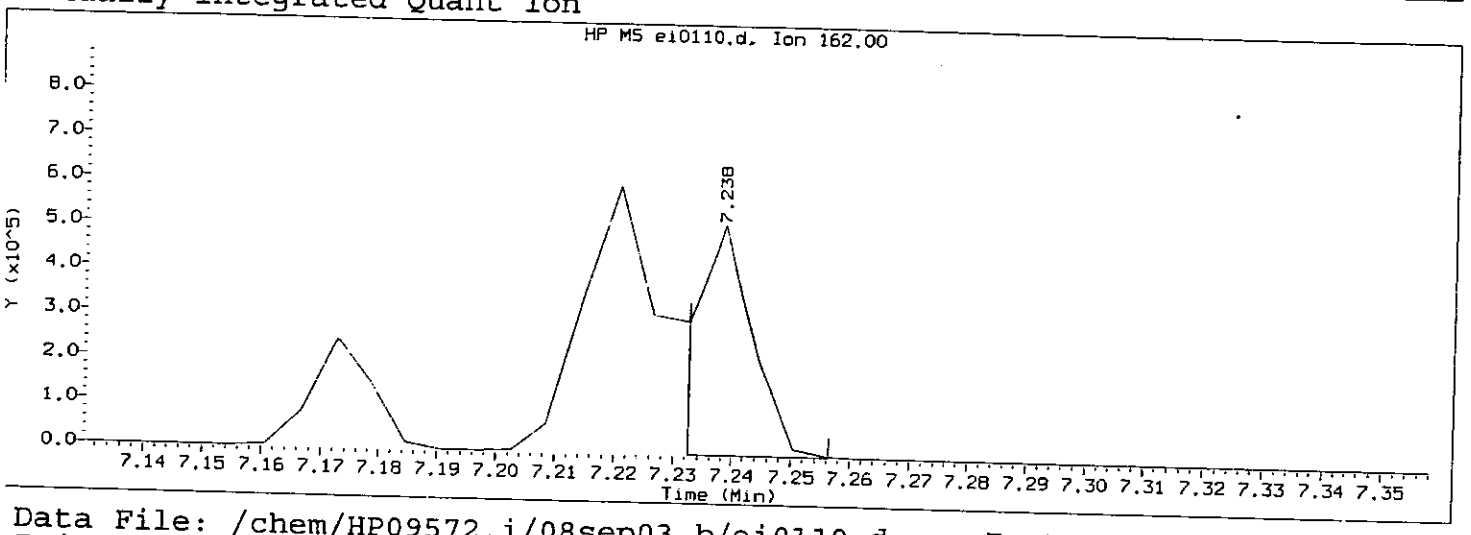
ASX84 8340

Original Integration Report for data file /chem/HP09572.i/08sep03.b/ei0110.d, generated on 09/04/2008 at 23:04

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0110.d
Injection date and time: 04-SEP-2008 02:34

Instrument ID: HP09572.i
Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m
Calibration date and time: 04-SEP-2008 01:31

Sublist used: all1

Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 829
Retention Time (minutes): 7.238
Quant Ion : 162
Area (flag) : 375071 M
Concentration (ng/ul) : 44.7281
Integration start scan : 827 Integration stop scan: 831
Y at integration start : 669 Y at integration end: 669

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/04/08

GC/MS audit/management approval: 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0110.d, generated on 09/04/2008 at 23:04

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09572 Calibration Date: 09/09/08 Time: 12:58

Lab File ID: ei0421.d Init. Calib. Date(s): 09/03/08 09/04/08

Init. Calib. Times(s): 20:20 01:00

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	$\overline{RRF}$	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
1,4-Dioxane	1.261	1.031	65.370	80.0	-18
N-Nitrosodimethylamine	1.962	1.787	72.900	80.0	-9
Pyridine	3.282	2.917	71.100	80.0	-11
Aniline	3.987	3.996	80.180	80.0	0
* Phenol	3.058	3.297	86.230	80.0	8*
bis(2-Chloroethyl)ether	2.349	2.326	79.230	80.0	-1
2-Chlorophenol	1.666	1.664	79.870	80.0	0
1,3-Dichlorobenzene	1.683	1.696	80.620	80.0	1
* 1,4-Dichlorobenzene	1.714	1.707	79.660	80.0	0*
Benzyl alcohol	1.435	1.463	81.580	80.0	2
1,2-Dichlorobenzene	1.582	1.631	82.470	80.0	3
2-Methylphenol	1.768	1.836	83.070	80.0	4
2,2'-oxybis(1-Chloropropane)	2.183	1.921	70.400	80.0	-12
bis(2-Chloroisopropyl)ether	2.183	1.921	70.400	80.0	-12
Acetophenone	2.995	3.055	81.620	80.0	2
# N-Nitroso-di-n-propylamine	2.160	2.142	79.350	80.0	-1#
4-Methylphenol	2.016	2.224	88.250	80.0	10
o-Toluidine	3.359	3.332	79.340	80.0	-1
Hexachloroethane	0.707	0.704	79.610	80.0	0
Nitrobenzene	0.645	0.640	79.300	80.0	-1
Isophorone	1.186	1.179	79.510	80.0	-1
* 2-Nitrophenol	0.188	0.205	87.410	80.0	9*
2,4-Dimethylphenol	0.468	0.488	83.490	80.0	4
bis(2-Chloroethoxy)methane	0.620	0.614	79.170	80.0	-1
Benzoic acid	0.390	0.370	76.020	80.0	-5
* 2,4-Dichlorophenol	0.302	0.313	82.900	80.0	4*
1,2,4-Trichlorobenzene	0.294	0.308	83.670	80.0	5
Naphthalene	1.086	1.096	80.710	80.0	1
4-Chloroaniline	0.457	0.474	82.890	80.0	4
2,6-Dichlorophenol	0.294	0.310	84.250	80.0	5
* Hexachlorobutadiene	0.164	0.175	85.090	80.0	6*
Caprolactam	0.163	0.163	80.280	80.0	0
* 4-Chloro-3-methylphenol	0.410	0.436	85.080	80.0	6*
2-Methylnaphthalene	0.723	0.736	81.480	80.0	2
1-Methylnaphthalene	0.721	0.754	83.630	80.0	5
# Hexachlorocyclopentadiene	0.306	0.294	76.820	80.0	-4#

ASX84 8342

9-9-08

FORM VII SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09572 Calibration Date: 09/09/08 Time: 12:58

Lab File ID: ei0421.d Init. Calib. Date(s): 09/03/08 09/04/08

Init. Calib. Times(s): 20:20 01:00

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
1,2,4,5-Tetrachlorobenzene	0.533	0.531	79.710	80.0	0
* 2,4,6-Trichlorophenol	0.367	0.376	82.050	80.0	3*
2,4,5-Trichlorophenol	0.421	0.446	84.780	80.0	6
Biphenyl	1.534	1.499	78.160	80.0	-2
Diphenyl	1.534	1.499	78.160	80.0	-2
1,1'-Biphenyl	1.534	1.499	78.160	80.0	-2
2-Chloronaphthalene	1.365	1.429	83.760	80.0	5
1-Chloronaphthalene	1.161	1.227	84.530	80.0	6
Diphenyl ether	0.840	0.819	78.000	80.0	-3
2-Nitroaniline	0.415	0.423	81.580	80.0	2
Dimethylphthalate	1.412	1.421	80.540	80.0	1
2,6-Dinitrotoluene	0.317	0.326	82.200	80.0	3
Acenaphthylene	1.845	1.799	77.980	80.0	-3
3-Nitroaniline	0.374	0.376	80.420	80.0	1
* Acenaphthene	1.120	1.099	78.490	80.0	-2*
# 2,4-Dinitrophenol	0.138	0.186	80.400	80.0	0#
Pentachlorobenzene	0.517	0.521	80.620	80.0	1
# 4-Nitrophenol	0.257	0.335	104.060	80.0	30#
Dibenzofuran	1.742	1.726	79.260	80.0	-1
2,4-Dinitrotoluene	0.421	0.442	83.970	80.0	5
1-Naphthylamine	1.243	1.215	78.220	80.0	-2
2,3,4,6-Tetrachlorophenol	0.335	0.348	82.970	80.0	4
2-Naphthylamine	1.249	1.188	76.100	80.0	-5
Diethylphthalate	1.351	1.391	82.310	80.0	3
Fluorene	1.404	1.363	77.660	80.0	-3
4-Chlorophenyl-phenylether	0.659	0.662	80.420	80.0	1
4-Nitroaniline	0.403	0.383	76.190	80.0	-5
4,6-Dinitro-2-methylphenol	0.115	0.138	96.710	80.0	21
* N-Nitrosodiphenylamine (1)	0.567	0.566	79.800	80.0	0*
1,2-Diphenylhydrazine	1.338	1.270	75.900	80.0	-5
4-Bromophenyl-phenylether	0.221	0.224	81.020	80.0	1
Hexachlorobenzene	0.239	0.246	82.340	80.0	3
* Pentachlorophenol	0.151	0.149	78.940	80.0	-1*
Pentachloronitrobenzene	0.100	0.100	80.390	80.0	0
Phenanthrene	1.052	1.069	81.300	80.0	2
Anthracene	1.122	1.151	82.030	80.0	3

(1) Cannot be Separated from Diphenylamine

FORM VII SV-1

7C cont

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Lancaster Laboratories Contract:_____

Lab Code: LANCAS Case No.:_____ SAS No.:_____ SDG No.:_____

Instrument ID: HP09572 Calibration Date: 09/09/08 Time: 12:58

Lab File ID: ei0421.d Init. Calib. Date(s): 09/03/08 09/04/08

Init. Calib. Times(s): 20:20 01:00

Min RRF for SPCC(#) = 0.050 Max %Drift for CCC(*) = 20%

COMPOUND	RRF	RRF80	ACTUAL CONC.	TRUE CONC.	% DRIFT
Carbazole	1.112	1.161	83.470	80.0	4
Di-n-butylphthalate	1.314	1.423	86.580	80.0	8
* Fluoranthene	1.238	1.327	85.740	80.0	7*
Benzidine	0.633	0.647	245.380	240.0	2
Pyrene	1.187	1.221	82.290	80.0	3
Butylbenzylphthalate	0.549	0.587	85.570	80.0	7
3,3'-Dichlorobenzidine	0.424	0.485	91.370	80.0	14
4,4'-Methylenebis(2-Chloroanil	0.186	0.250	81.790	80.0	2
Benzo(a)anthracene	1.155	1.228	85.090	80.0	6
Chrysene	1.102	1.067	77.490	80.0	-3
bis(2-Ethylhexyl)phthalate	0.691	0.738	85.420	80.0	7
* Di-n-octylphthalate	1.541	1.727	89.670	80.0	12*
7,12-Dimethylbenz[a]anthracene	0.761	0.802	84.390	80.0	5
Benzo(b)fluoranthene	1.463	1.558	85.180	80.0	6
Benzo(k)fluoranthene	1.524	1.599	83.930	80.0	5
* Benzo(a)pyrene	1.325	1.496	90.290	80.0	13*
3-Methylcholanthrene	0.771	0.853	88.400	80.0	11
Dibenz(a,h)acridine	0.926	1.440	93.690	80.0	17
Dibenz(a,j)acridine	1.239	1.373	88.650	80.0	11
Indeno(1,2,3-cd)pyrene	1.586	1.803	90.940	80.0	14
Dibenz(a,h)anthracene	1.234	1.513	98.120	80.0	23
Benzo(g,h,i)perylene	1.336	1.510	90.410	80.0	13
2-Fluorophenol	1.919	1.898	79.120	80.0	-1
Phenol-d5	2.959	2.931	79.240	80.0	-1
Phenol-d6	2.959	2.931	79.240	80.0	-1
Nitrobenzene-d5	0.598	0.600	80.280	80.0	0
2-Fluorobiphenyl	1.382	1.349	78.090	80.0	-2
2,4,6-Tribromophenol	0.220	0.235	85.420	80.0	7
Terphenyl-d14	0.932	0.977	83.850	80.0	5

Average %Drift: 5

ASX04 8344

FORM VII SV-1

Continuing Calibration
Internal Standard Area and Retention Time
Summary

Initial Calibration Standards:

/chem/HP09572.i/08sep03.b/ei0102.d
/chem/HP09572.i/08sep03.b/ei0103.d
/chem/HP09572.i/08sep03.b/ei0104.d
/chem/HP09572.i/08sep03.b/ei0105.d
/chem/HP09572.i/08sep03.b/ei0106.d
/chem/HP09572.i/08sep03.b/ei0107.d
/chem/HP09572.i/08sep03.b/ei0108.d

** ICAL Area and RT are the average from the above standards.

Current Continuing Calibration Standard:

/chem/HP09572.i/08sep09.b/ei0421.d

Area Summary

Internal Standard Name	File ID: ei0421.d	ICAL Area	Low Limit	High Limit	In Spec
1,4-Dichlorobenzene-d4	75204	117614	58807	235228	Yes
Naphthalene-d8	342859	532402	266201	1064804	Yes
Acenaphthene-d10	215252	313977	156988	627954	Yes
Phenanthrene-d10	390129	580012	290006	1160024	Yes
Chrysene-d12	428261	622570	311285	1245140	Yes
Perylene-d12	349138	479102	239551	958204	Yes

A "No" indicates the internal standard area is outside acceptable QC limits.

RT Summary

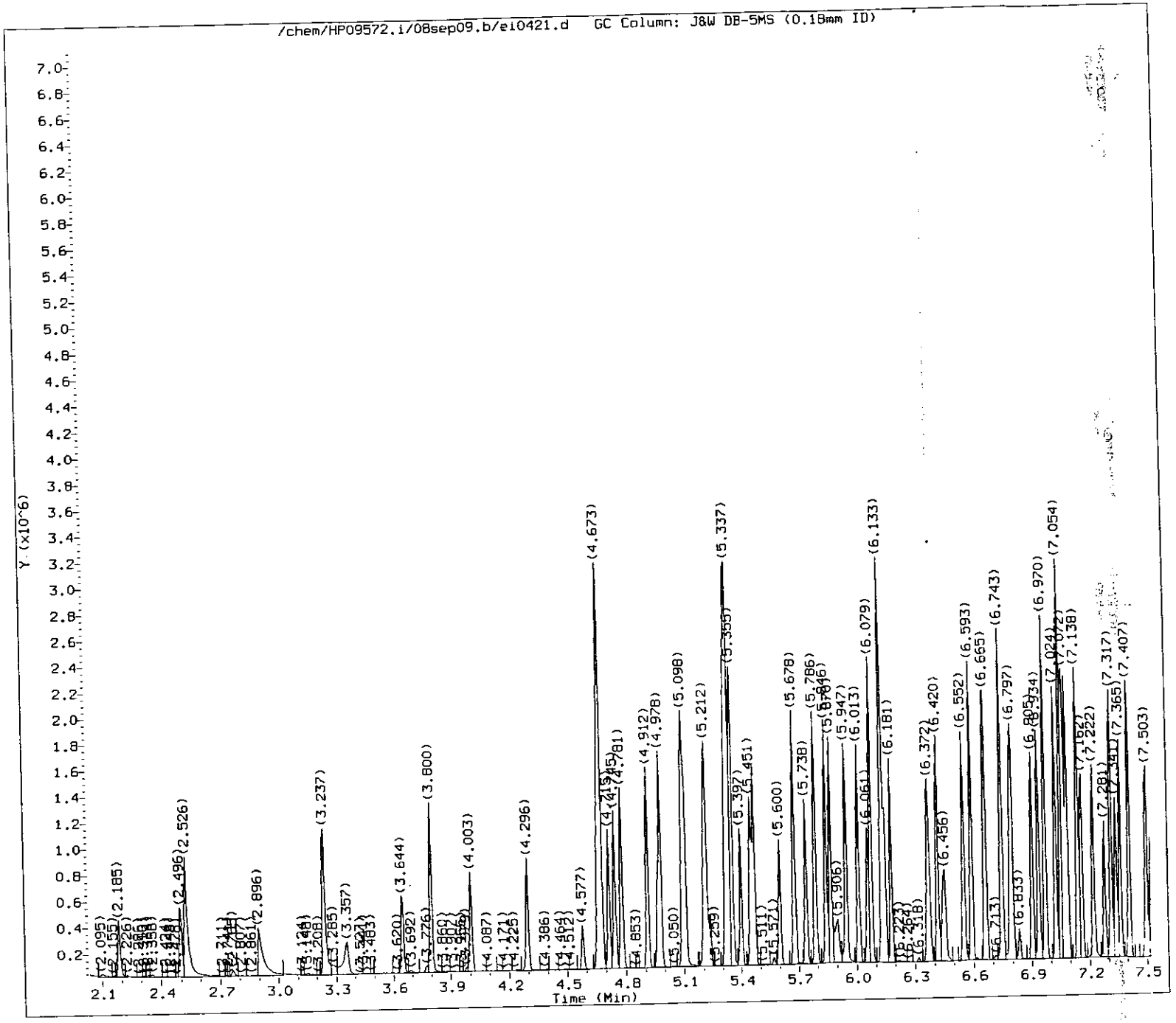
Internal Standard Name	File ID: ei0421.d	ICAL RT	In Spec
1,4-Dichlorobenzene-d4	4.966	5.121	Yes
Naphthalene-d8	6.061	6.214	Yes
Acenaphthene-d10	7.527	7.678	Yes
Phenanthrene-d10	8.747	8.903	Yes
Chrysene-d12	10.996	11.184	Yes
Perylene-d12	12.606	12.846	Yes

A "No" indicates the retention time is greater than 30 seconds from the RT of the referenced ICAL average.

Comments: 4-9-08

ASX84 0345

Report generated on 09/09/2008 at 14:34



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0421.d
Injection date and time: 09-SEP-2008 12:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

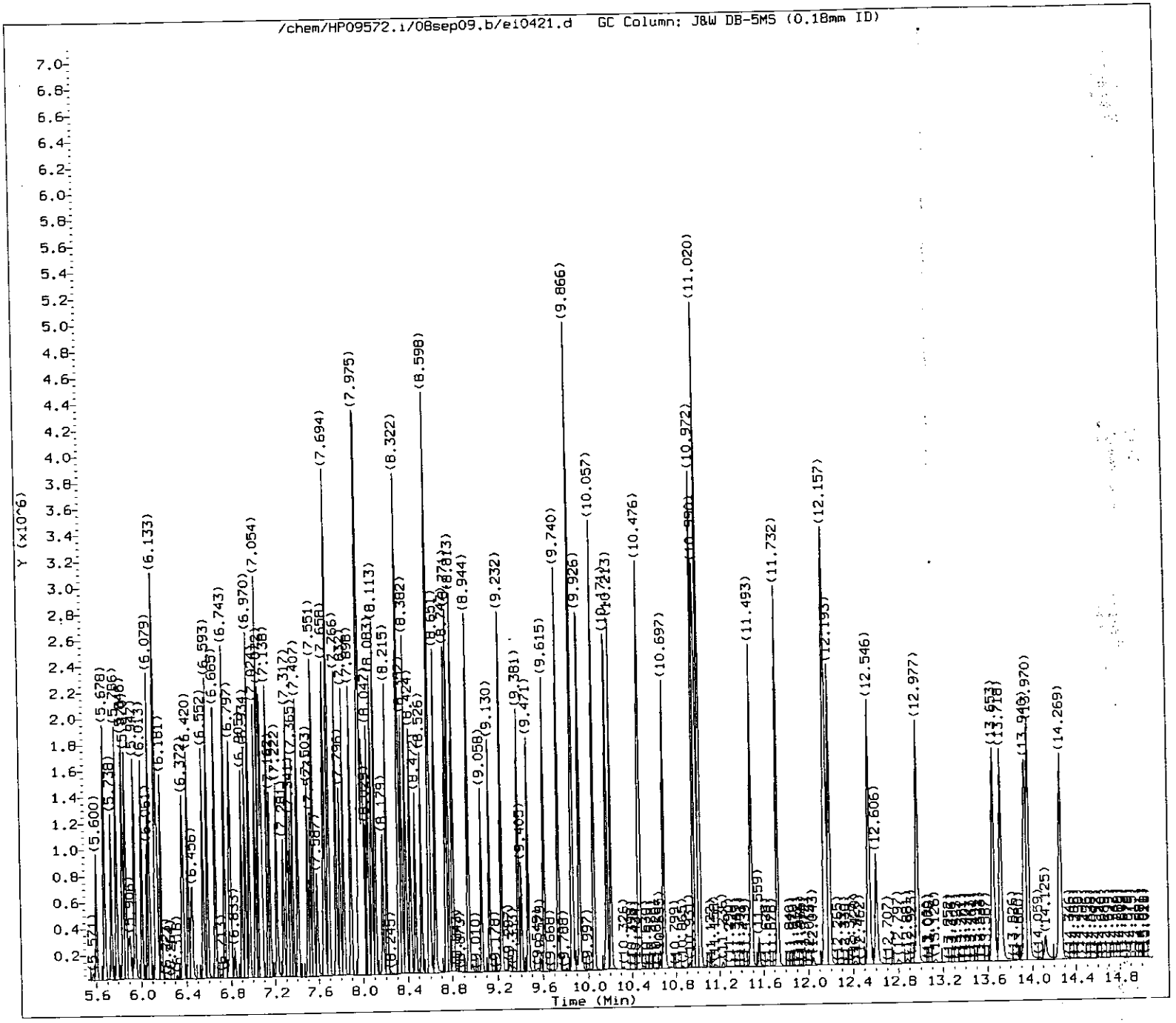
Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 14:32

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

Lab Sample ID: STD2478



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0421.d
Injection date and time: 09-SEP-2008 12:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 14:32

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

Lab Sample ID: STD2478

A5X04 0347

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0421.d
Injection date and time: 09-SEP-2008 12:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 14:32

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.185	88	154996	65.3732
2) N-Nitrosodimethylamine	(1)	2.496	74	268841	72.8967
3) Pyridine	(1)	2.526	79	438677	71.0997
13) Aniline	(1)	4.679	93	601050	80.1774
16) Phenol	(1)	4.673	94	495825	86.2325
18) bis(2-Chloroethyl)ether	(1)	4.745	93	349857	79.2290
19) 2-Chlorophenol	(1)	4.781	128	250230	79.8726
20) 1,3-Dichlorobenzene	(1)	4.912	146	255104	80.6186
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	75204	40.0000
22) 1,4-Dichlorobenzene	(1)	4.978	146	256765	79.6628
24) Benzyl alcohol	(1)	5.098	108	220060	81.5832
25) 1,2-Dichlorobenzene	(1)	5.110	146	245291	82.4665
26) 2-Methylphenol	(1)	5.212	108	276103	83.0733
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212	45	288872	70.3977
28) bis(2-Chloroisopropyl)ether	(1)	5.212	45	288872	70.3977
30) Acetophenone	(1)	5.325	105	459517	81.6178
31) N-Nitroso-di-n-propylamine	(1)	5.337	70	322215	79.3523
33) 4-Methylphenol	(1)	5.337	108	334554	88.2525
34) o-Toluidine	(1)	5.355	106	501087	79.3389
37) Hexachloroethane	(1)	5.397	117	105844	79.6080
39) Nitrobenzene	(2)	5.469	77	438520	79.2967
41) Isophorone	(2)	5.678	82	808505	79.5104
43) 2-Nitrophenol	(2)	5.738	139	140694	87.4106
45) 2,4-Dimethylphenol	(2)	5.786	107	334828	83.4940
47) bis(2-Chloroethoxy)methane	(2)	5.870	93	420743	79.1690
48) Benzoic acid	(2)	5.906	105	253908	76.0196
50) 2,4-Dichlorophenol	(2)	5.947	162	214333	82.8958
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	210965	83.6675
53) Naphthalene-d8	(2)	6.061	136	342859	40.0000
54) Naphthalene	(2)	6.079	128	751431	80.7077
56) 4-Chloroaniline	(2)	6.133	127	324742	82.8868
57) 2,6-Dichlorophenol	(2)	6.139	162	212657	84.2488
60) Hexachlorobutadiene	(2)	6.181	225	119819	85.0906
63) Caprolactam	(2)	6.456	113	112015	80.2842
68) 4-Chloro-3-methylphenol	(2)	6.552	107	299046	85.0824
70) 2-Methylnaphthalene	(2)	6.665	142	504678	81.4817
71) 1-Methylnaphthalene	(2)	6.743	142	516859	83.6319
72) Hexachlorocyclopentadiene	(3)	6.791	237	126514	76.8233
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.803	216	228658	79.7116
75) 2,4,6-Trichlorophenol	(3)	6.905	196	161955	82.0465
77) 2,4,5-Trichlorophenol	(3)	6.934	196	191885	84.7797
81) Biphenyl	(3)	7.054	154	645115	78.1605
82) Diphenyl	(3)	7.054	154	645115	78.1605

M = Compound was manually integrated.

A = User selected an alternate hit

ASX04 0348

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0421.d
Injection date and time: 09-SEP-2008 12:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 14:32

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

Lab Sample ID: STD2478

	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83)	1,1'-Biphenyl	(3)	7.054	154	645115	78.1605
84)	2-Chloronaphthalene	(3)	7.072	162	615402M	83.7622
85)	1-Chloronaphthalene	(3)	7.084	162	528051M	84.5259
88)	Diphenyl ether	(3)	7.138	170	352523	77.9953
89)	2-Nitroaniline	(3)	7.162	138	182130	81.5772
92)	Dimethylphthalate	(3)	7.317	163	611853	80.5407
94)	2,6-Dinitrotoluene	(3)	7.365	165	140158	82.1954
95)	Acenaphthylene	(3)	7.413	152	774266	77.9762
97)	3-Nitroaniline	(3)	7.503	138	161716	80.4157
98)	Acenaphthene-d10	(3)	7.527	164	215252	40.0000
99)	Acenaphthene	(3)	7.551	153	473003	78.4889
100)	2,4-Dinitrophenol	(3)	7.587	184	80187	80.3961
101)	Pentachlorobenzene	(3)	7.658	250	224461	80.6204
103)	4-Nitrophenol	(3)	7.652	109	144214	104.0577
104)	Dibenzofuran	(3)	7.694	168	742990	79.2638
105)	2,4-Dinitrotoluene	(3)	7.694	165	190339	83.9690
106)	1-Naphthylamine	(3)	7.766	143	523069	78.2162
107)	2,3,4,6-Tetrachlorophenol	(3)	7.802	232	149604	82.9681
108)	2-Naphthylamine	(3)	7.832	143	511343	76.0999
109)	Diethylphthalate	(3)	7.898	149	598625	82.3132
111)	Fluorene	(3)	7.975	166	586943	77.6626
112)	4-Chlorophenyl-phenylether	(3)	7.981	204	285113	80.4167
114)	4-Nitroaniline	(3)	8.011	138	165070	76.1875
115)	4,6-Dinitro-2-methylphenol	(4)	8.029	198	108024	96.7118
117)	N-Nitrosodiphenylamine	(4)	8.083	169	441255	79.8031
118)	1,2-Diphenylhydrazine	(4)	8.113	77	990590	75.8986
126)	4-Bromophenyl-phenylether	(4)	8.382	248	174929	81.0215
128)	Hexachlorobenzene	(4)	8.424	284	191788	82.3396
132)	Pentachlorophenol	(4)	8.592	266	115961	78.9378
133)	Pentachloronitrobenzene	(4)	8.598	237	78325	80.3918
136)	Phenanthrene-d10	(4)	8.747	188	390129	40.0000
138)	Phenanthrene	(4)	8.771	178	833737	81.2952
139)	Anthracene	(4)	8.813	178	898011	82.0341
141)	Carbazole	(4)	8.944	167	905653	83.4703
143)	Di-n-butylphthalate	(4)	9.232	149	1109933	86.5784
148)	Fluoranthene	(4)	9.740	202	1035267	85.7400
153)	Benzidine	(5)	9.866	184	1661889	245.3751
155)	Pyrene	(5)	9.932	202	1045980	82.2903
162)	Butylbenzylphthalate	(5)	10.476	149	502478	85.5704
165)	3,3'-Dichlorobenzidine	(5)	10.966	252	415128	91.3701
166)	4,4'-Methylenebis(2-Chloroanil	(5)	10.972	231	213906	81.7893
167)	Benzo(a)anthracene	(5)	10.990	228	1051948	85.0910
168)	Chrysene-d12	(5)	10.996	240	428261	40.0000

M = Compound was manually integrated.

A = User selected an alternate hit

ASX84 6349

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0421.d
Injection date and time: 09-SEP-2008 12:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 14:32

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

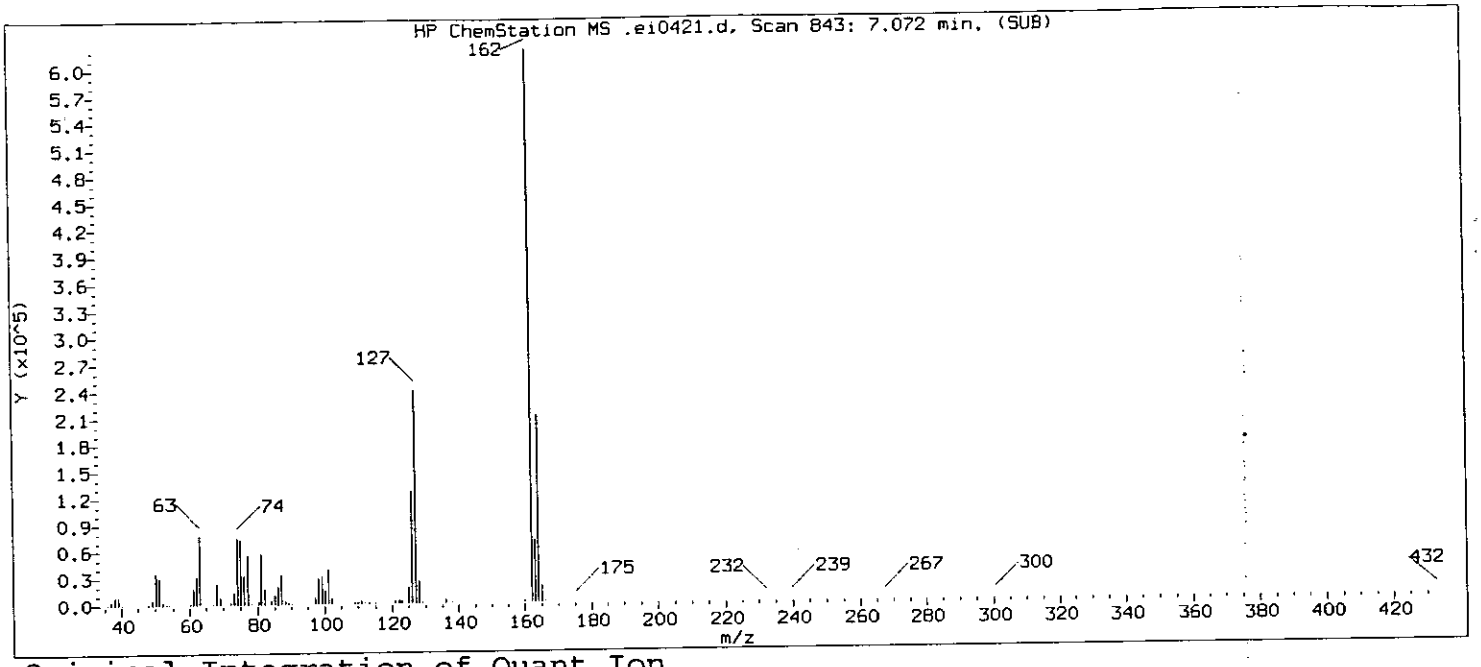
Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.026	228	914163	77.4948
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	632188 A	85.4218
171) Di-n-octylphthalate	(6)	11.732	149	1206054	89.6669
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.151	256	560155	84.3864
173) Benzo(b)fluoranthene	(6)	12.163	252	1087785	85.1847
174) Benzo(k)fluoranthene	(6)	12.193	252	1116493	83.9333
175) Benzo(a)pyrene	(6)	12.546	252	1044322	90.2944
176) Perylene-d12	(6)	12.606	264	349138	40.0000
177) 3-Methylcholanthrene	(6)	12.977	268	595300	88.4023
178) Dibenz(a,h)acridine	(6)	13.653	279	1005807	93.6854
179) Dibenz(a,j)acridine	(6)	13.718	279	958930	88.6527
180) Indeno(1,2,3-cd)pyrene	(6)	13.940	276	1259067	90.9441
181) Dibenz(a,h)anthracene	(6)	13.970	278	1056441	98.1208
182) Benzo(g,h,i)perylene	(6)	14.269	276	1054577	90.4132
9) 2-Fluorophenol	(1)	3.800	112	285414	79.1184
14) Phenol-d5	(1)	4.661	99	440814	79.2430
15) Phenol-d6	(1)	4.661	99	440814	79.2430
38) Nitrobenzene-d5	(2)	5.451	82	411704	80.2806
78) 2-Fluorobiphenyl	(3)	6.970	172	580807	78.0856
119) 2,4,6-Tribromophenol	(3)	8.179	330	101032	85.4204
157) Terphenyl-d14	(5)	10.057	244	836440	83.8485

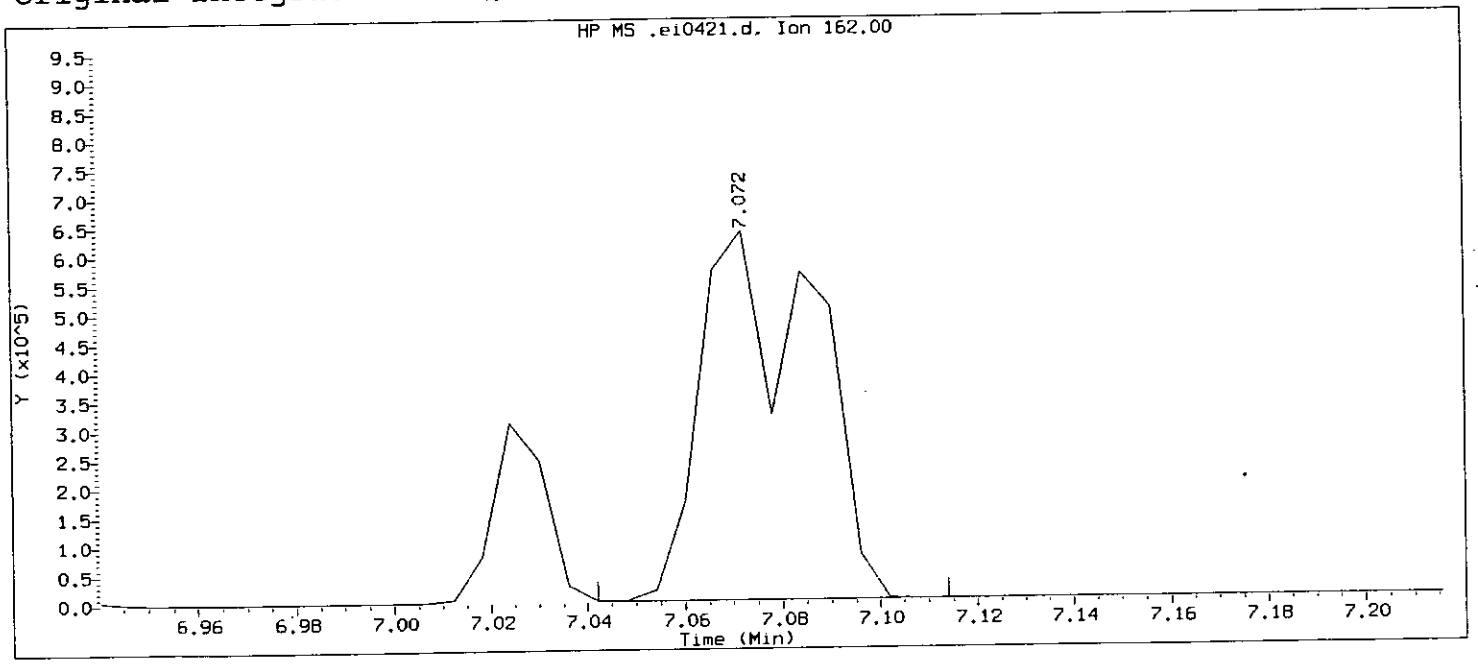
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

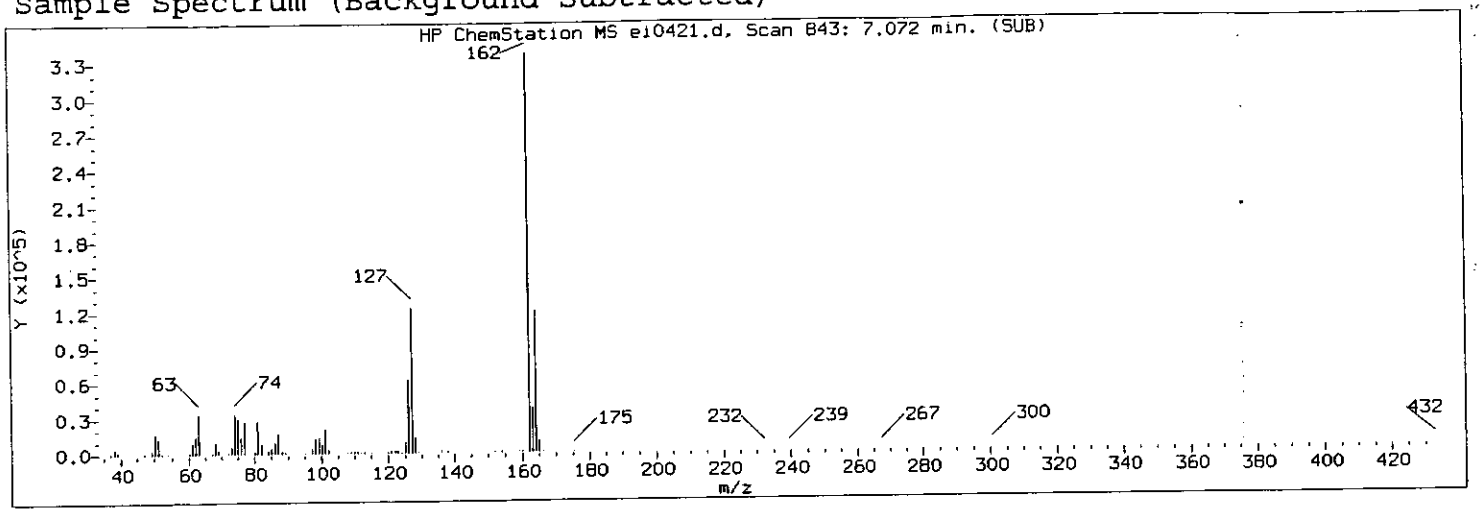
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:30
Date, time and analyst ID of latest file update: 09-Sep-2008 14:30 rpb01568

Sample Name: SSTD080 Lab Sample ID: STD2478

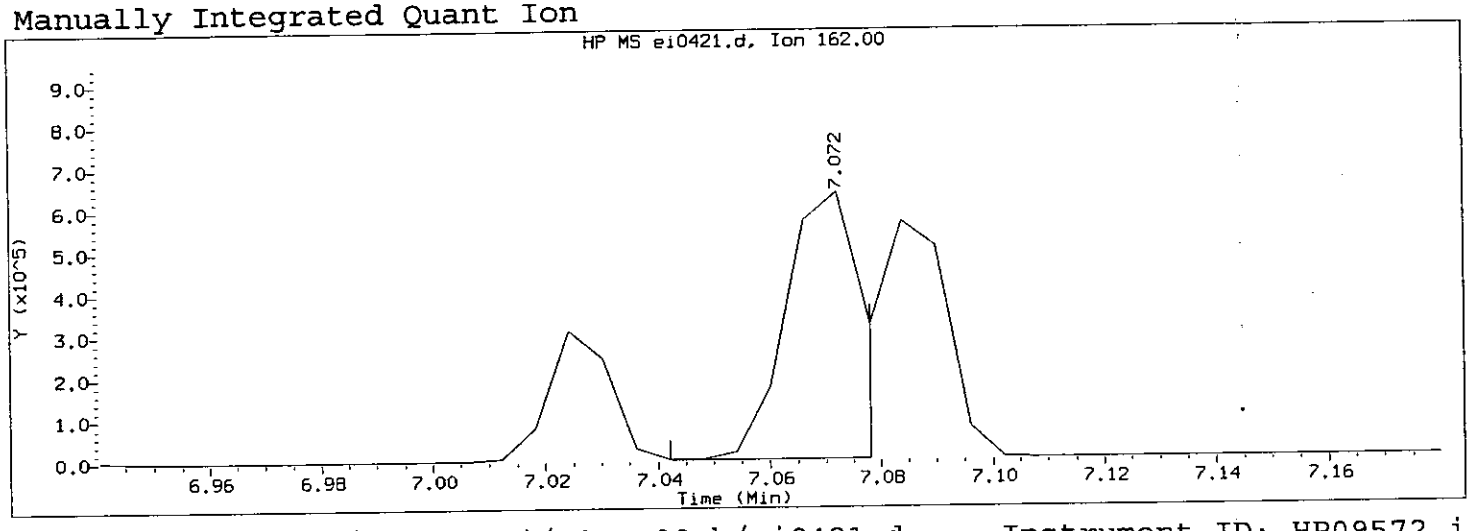
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 843
Retention Time (minutes): 7.072
Quant Ion : 162
Area : 1028367
Concentration (ng/ul) : 139.9702
Integration start scan : 837 Integration stop scan: 849
Y at integration start : 215 Y at integration end: 172

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0421.d, generated on 09/09/2008 at 14:32

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: alll
Calibration date and time: 09-SEP-2008 14:32
Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080 Lab Sample ID: STD2478

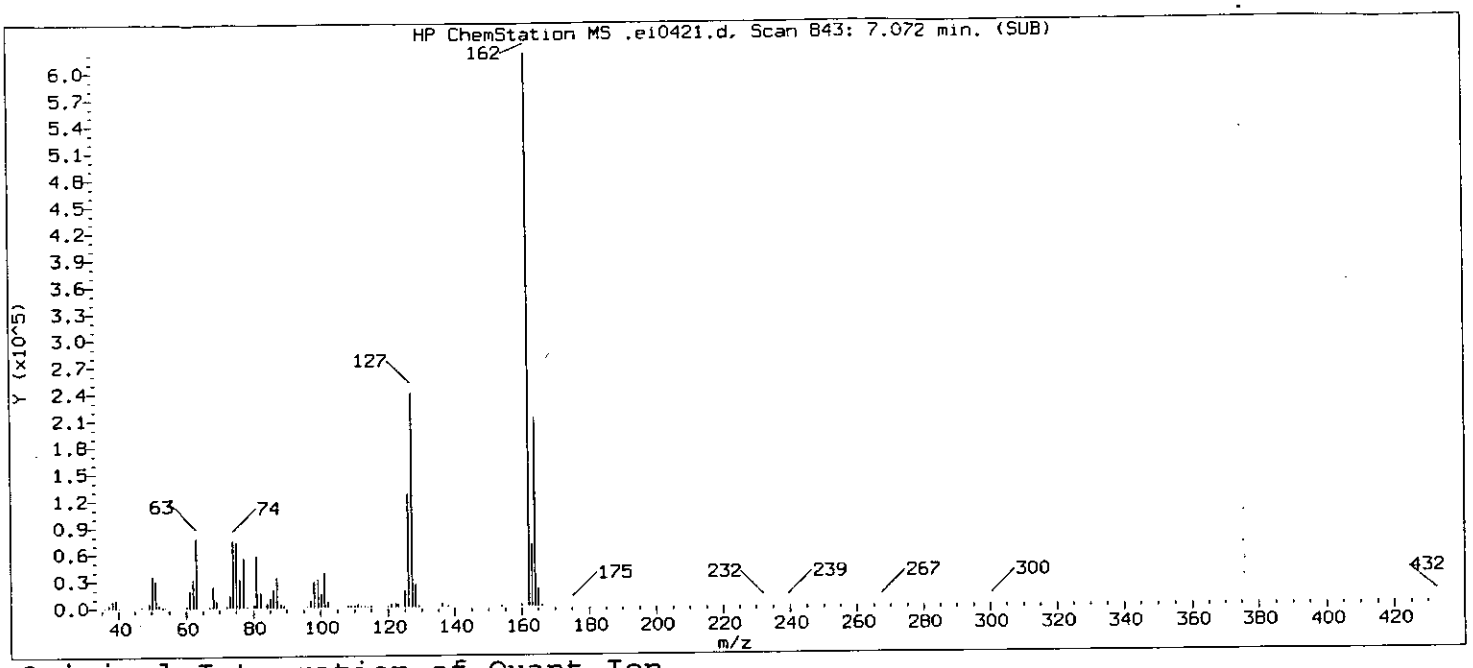
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 843
Retention Time (minutes): 7.072
Quant Ion : 162
Area (flag) : 615402 M
Concentration (ng/ul) : 83.7622
Integration start scan : 837 Integration stop scan: 843
Y at integration start : 215 Y at integration end: 194

Reason for manual integration (circle one): missed peak improper integration

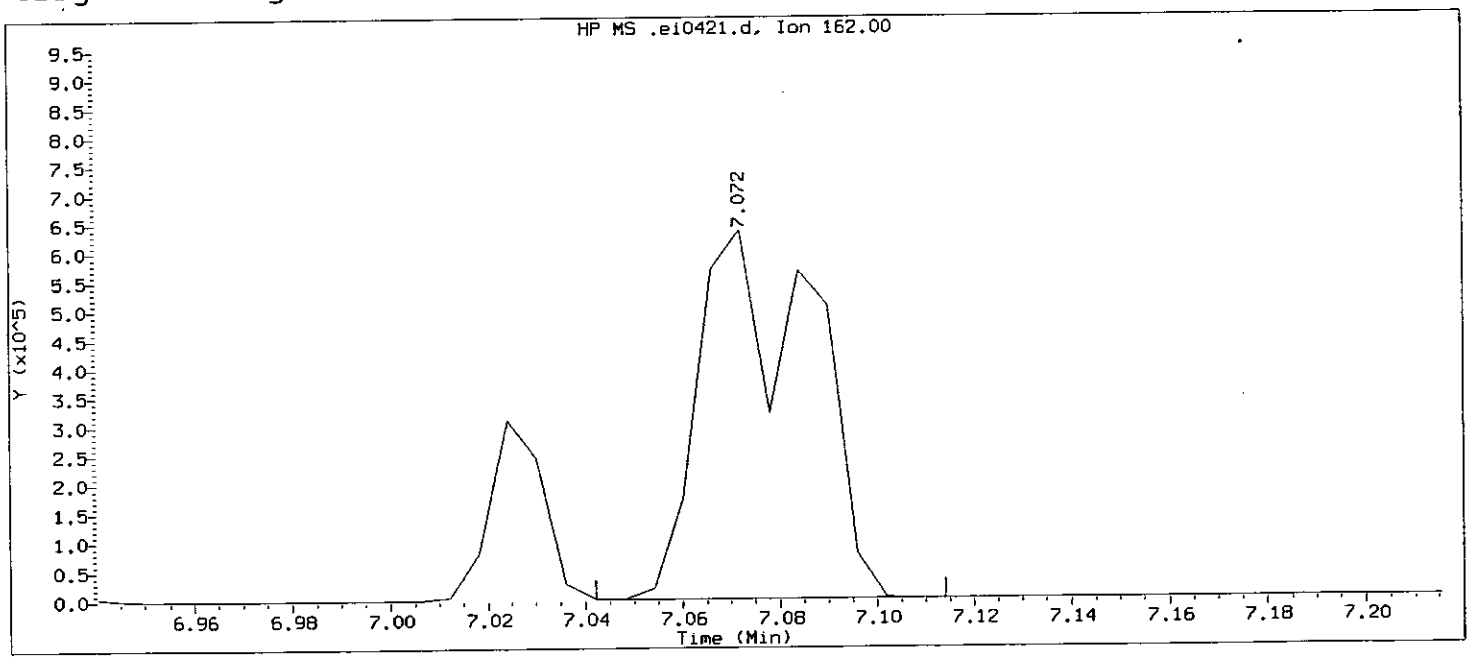
Analyst responsible for change: _____ 9-9-08

GC/MS audit/management approval: _____ 9/10/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:30
Date, time and analyst ID of latest file update: 09-Sep-2008 14:30 rpb01568

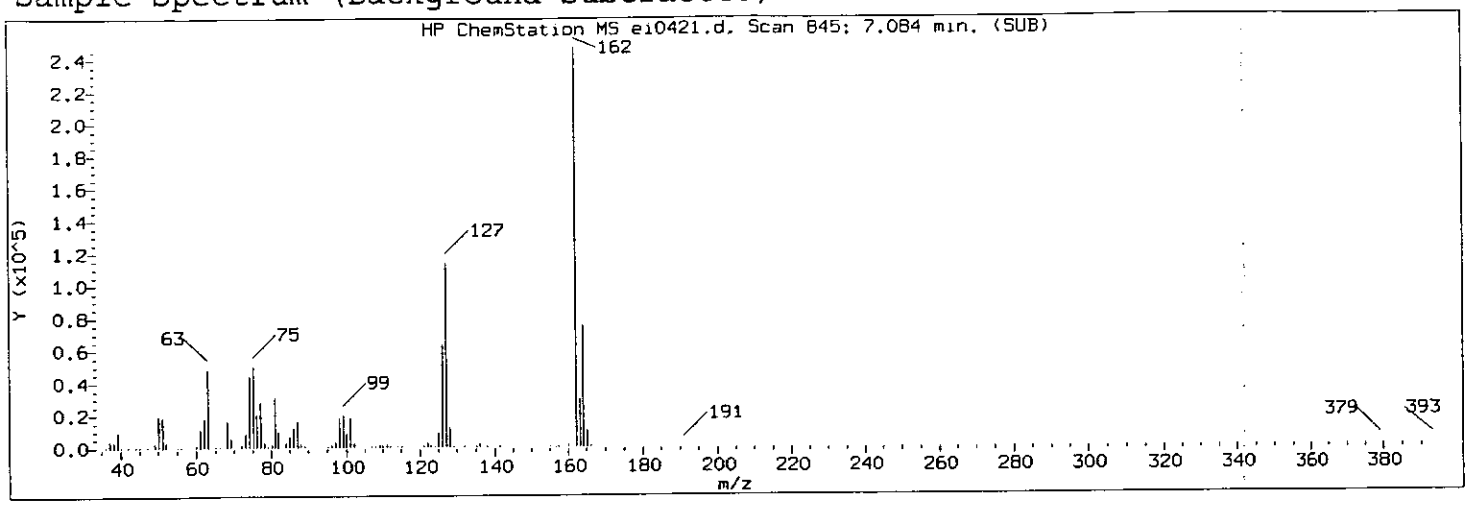
Sample Name: SSTD080 Lab Sample ID: STD2478

Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 843
Retention Time (minutes): 7.072
Quant Ion : 162
Area : 1028366
Concentration (ng/ul) : 164.6115
Integration start scan : 837 Integration stop scan: 849
Y at integration start : 215 Y at integration end: 172

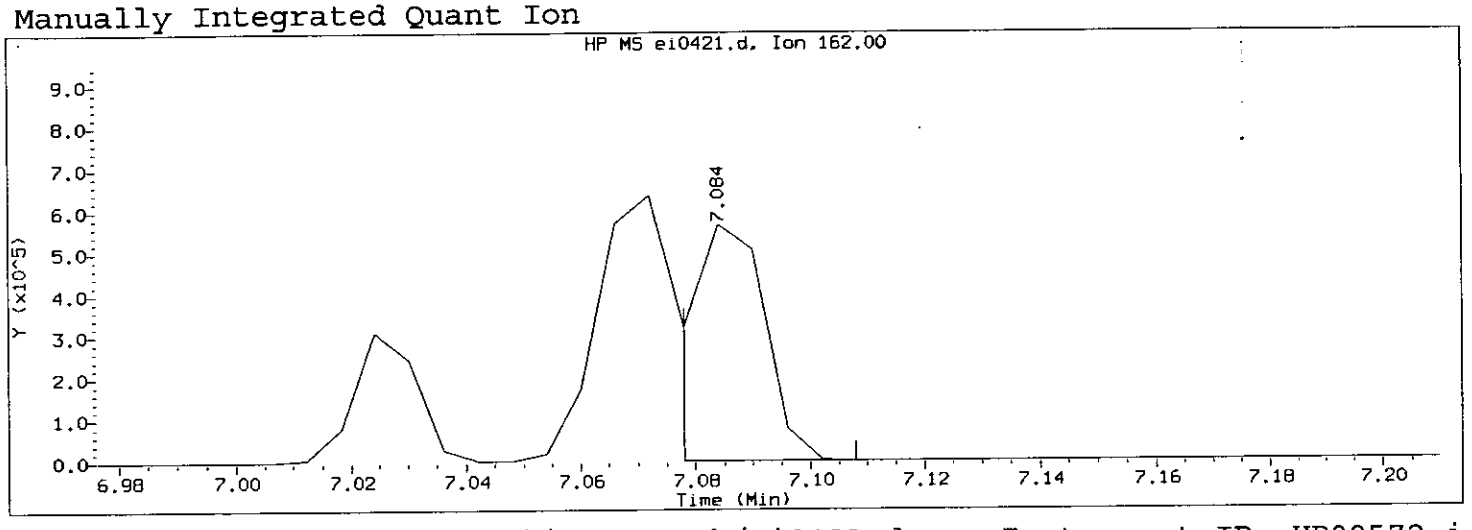
9-9-08

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0421.d, generated on 09/09/2008 at 14:32

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:32
Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080 Lab Sample ID: STD2478

Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 7.084
Quant Ion : 162
Area (flag) : 528051 M
Concentration (ng/ul) : 84.5259
Integration start scan : 843 Integration stop scan: 848
Y at integration start : -8 Y at integration end: -8

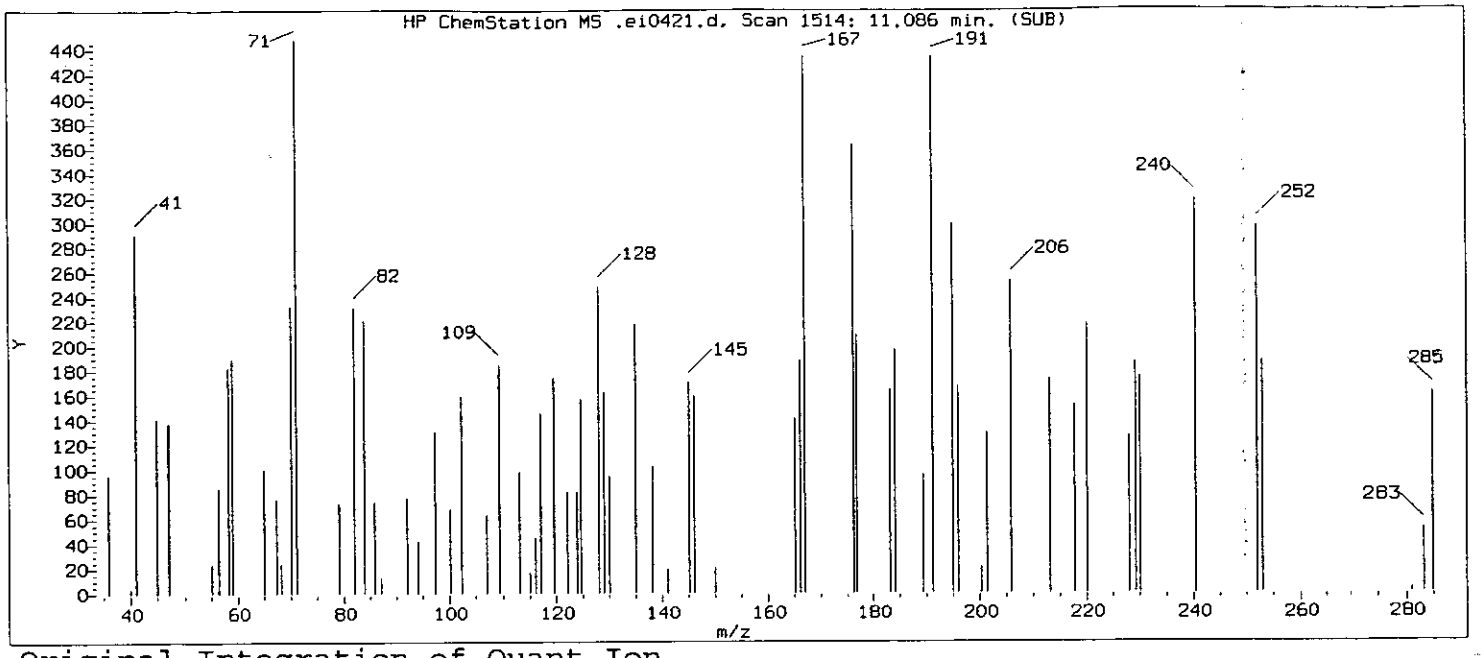
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 9-9-08

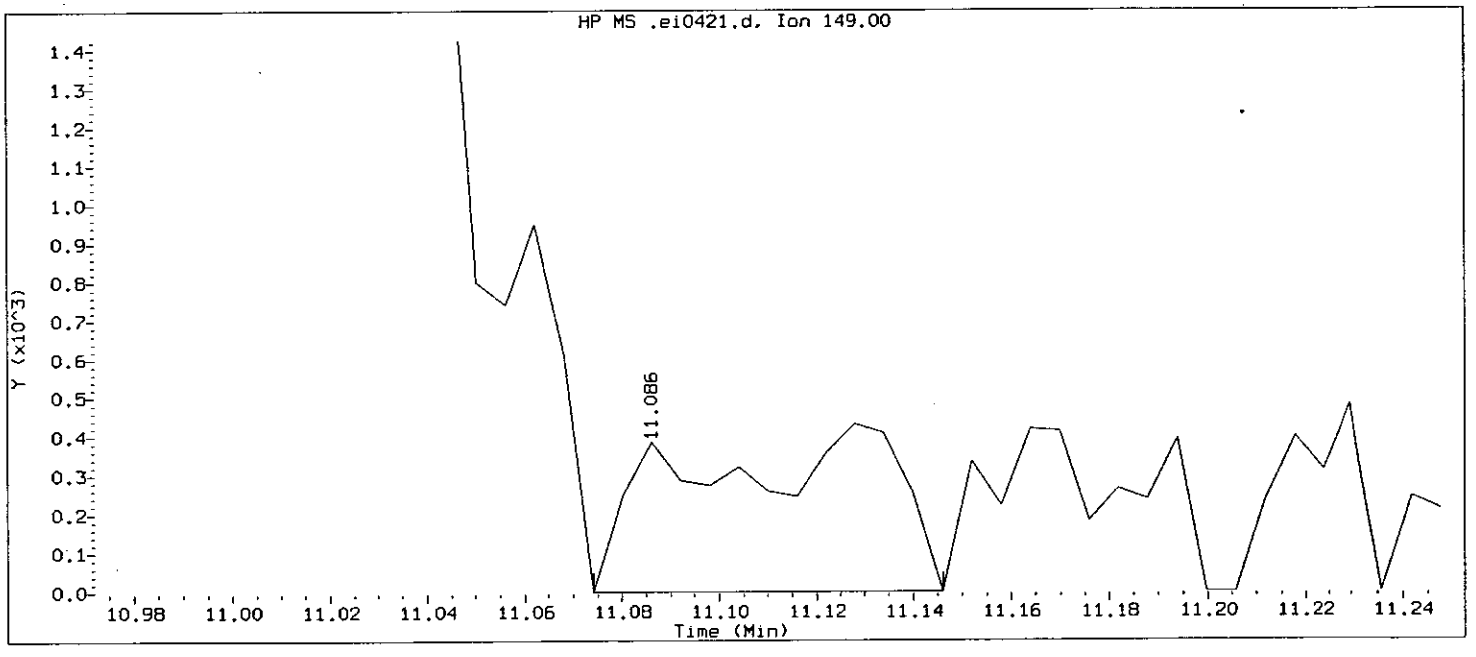
GC/MS audit/management approval: _____ 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0421.d, generated on 09/09/2008 at 14:32

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:30
Date, time and analyst ID of latest file update: 09-Sep-2008 14:30 rpb01568

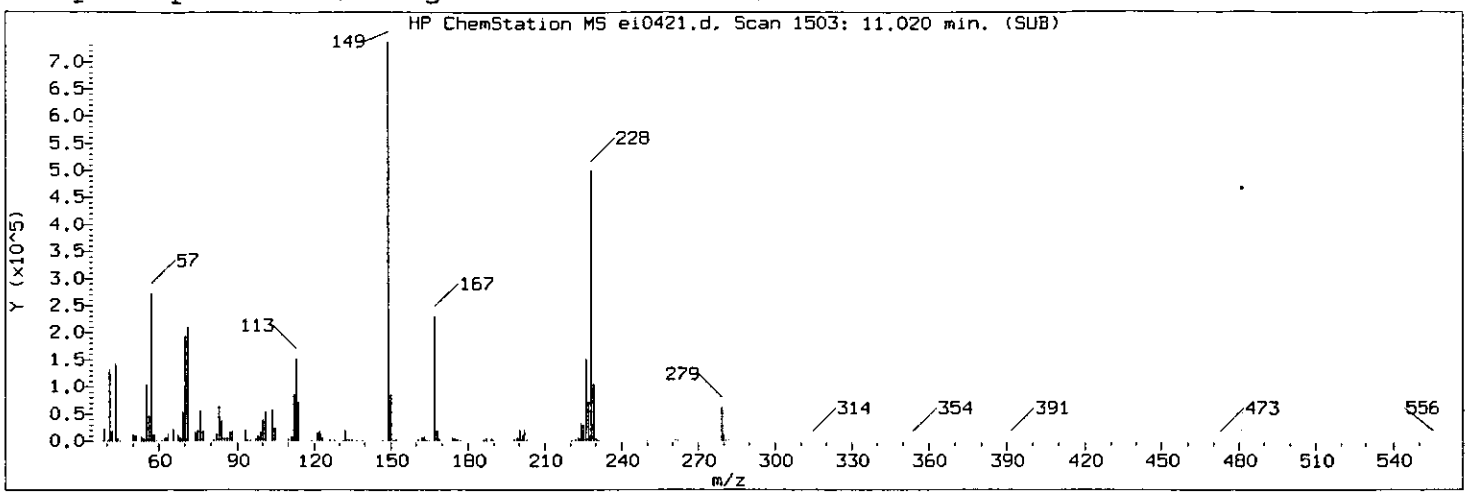
Sample Name: SSTD080 Lab Sample ID: STD2478

Compound Number : 170
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 1514
Retention Time (minutes): 11.086
Quant Ion : 149
Area : 1246
Concentration (ng/ul) : 0.1684
Integration start scan : 1511 Integration stop scan: 1523
Y at integration start : 0 Y at integration end: 0

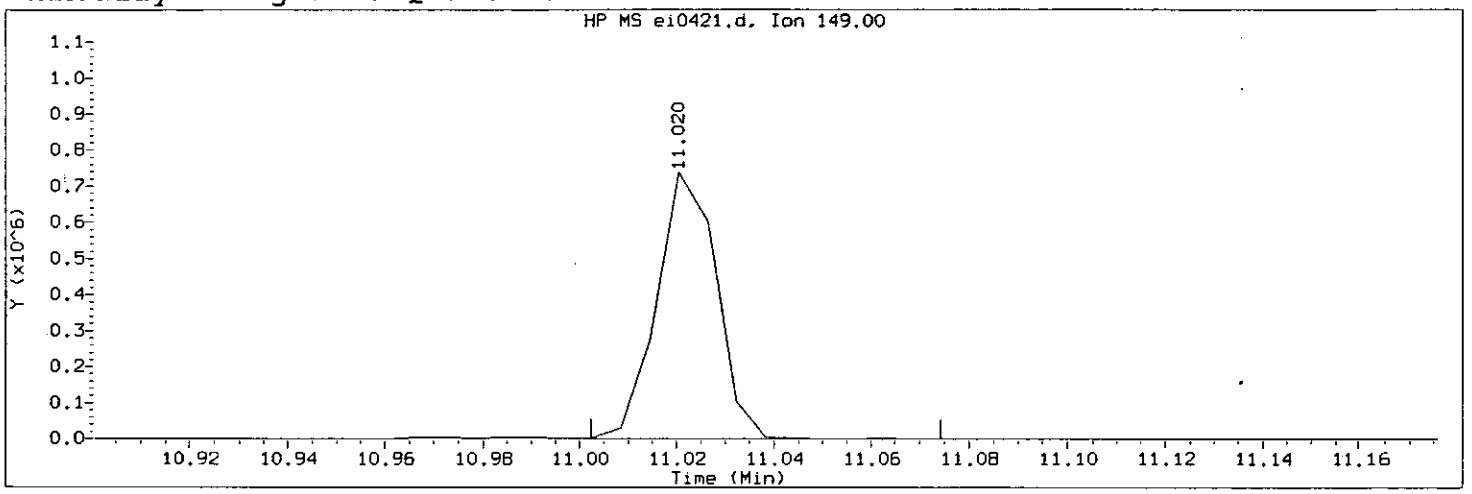
9-9-08
ASX84 2355

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0421.d, generated on 09/09/2008 at 14:32

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0421.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 12:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:32
Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080 Lab Sample ID: STD2478

Compound Number : 170
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 1503
Retention Time (minutes): 11.020
Quant Ion : 149
Area (flag) : 632188A
Concentration (ng/ul) : 85.4218
Integration start scan : 1499 Integration stop scan: 1511
Y at integration start : 0 Y at integration end: 0

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____ 1-9-08

GC/MS audit/management approval: _____ 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0421.d, generated on 09/09/2008 at 14:32

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d
Report Date: 09/09/2008 21:01

Lancaster Laboratories, Inc.
Shift Ending Continuing Calibration Check Report

Instrument ID: HP09572.i
Client ID: SECC080
Lab Sample ID: STD2478
Sublist used: all1.sub

Injection Date and Time: 09-SEP-2008 20:18
Initial Calibration Date(s): 03-SEP-2008 04-SEP-2008
Initial Calibration Time(s): 02:11 01:00
Method used: /chem/HP09572.i/08sep09.b/mseven.m

Target Compounds	ICAL Avg. RRF	SECC RRF	Min. RRF	% Diff.	Max. %Diff.
1,4-Dioxane	1.26107	1.03411	0.010	18.0	20.0
N-Nitrosodimethylamine	1.96158	1.80034	0.010	8.2	20.0
Pyridine	3.28168	3.17998	0.010	3.1	20.0
Aniline	3.98729	4.05960	0.010	-1.8	20.0
Phenol	3.05827	3.29819	0.010	-7.8	20.0
bis(2-Chloroethyl)ether	2.34869	2.34434	0.010	0.2	20.0
2-Chlorophenol	1.66633	1.73644	0.010	-4.2	20.0
1,3-Dichlorobenzene	1.68306	1.77636	0.010	-5.5	20.0
1,4-Dichlorobenzene	1.71435	1.78357	0.010	-4.0	20.0
Benzyl alcohol	1.43470	1.47342	0.010	-2.7	20.0
1,2-Dichlorobenzene	1.58206	1.66740	0.010	-5.4	20.0
2-Methylphenol	1.76778	1.80540	0.010	-2.1	20.0
2,2'-oxybis(1-Chloropropane)	2.18256	1.93600	0.010	11.3	20.0
bis(2-Chloroisopropyl)ether	2.18256	1.93600	0.010	11.3	20.0
Acetophenone	2.99458	3.04296	0.010	-1.6	20.0
N-Nitroso-di-n-propylamine	2.15976	2.13306	0.010	1.2	20.0
4-Methylphenol	2.01631	2.17197	0.010	-7.7	20.0
o-Toluidine	3.35928	3.31710	0.010	1.3	20.0
Hexachloroethane	0.70718	0.72580	0.010	-2.6	20.0
Nitrobenzene	0.64518	0.63626	0.010	1.4	20.0
Isophorone	1.18632	1.16961	0.010	1.4	20.0
2-Nitrophenol	0.18778	0.19659	0.010	-4.7	20.0
2,4-Dimethylphenol	0.46785	0.47562	0.010	-1.7	20.0
bis(2-Chloroethoxy)methane	0.62002	0.59220	0.010	4.5	20.0
Benzoic acid	0.38967	0.29527	0.010	24.2	20.0
2,4-Dichlorophenol	0.30165	0.31048	0.010	-2.9	20.0
1,2,4-Trichlorobenzene	0.29417	0.31204	0.010	-6.1	20.0
Naphthalene	1.08622	1.09585	0.010	-0.9	20.0
4-Chloroaniline	0.45709	0.46468	0.010	-1.7	20.0
2,6-Dichlorophenol	0.29448	0.30124	0.010	-2.3	20.0
Hexachlorobutadiene	0.16428	0.17610	0.010	-7.2	20.0
Caprolactam	0.16278	0.15242	0.010	6.4	20.0
4-Chloro-3-methylphenol	0.41006	0.42132	0.010	-2.7	20.0
2-Methylnaphthalene	0.72260	0.72672	0.010	-0.6	20.0
1-Methylnaphthalene	0.72102	0.72749	0.010	-0.9	20.0
Hexachlorocyclopentadiene	0.30603	0.18089	0.010	40.9	20.0
1,2,4,5-Tetrachlorobenzene	0.53306	0.53669	0.010	-0.7	20.0
2,4,6-Trichlorophenol	0.36682	0.39128	0.010	-6.7	20.0
2,4,5-Trichlorophenol	0.42059	0.45157	0.010	-7.4	20.0
Biphenyl	1.53378	1.51018	0.010	1.5	20.0
Diphenyl	1.53378	1.51018	0.010	1.5	20.0
1,1'-Biphenyl	1.53378	1.51018	0.010	1.5	20.0
2-Chloronaphthalene	1.36529	1.21520	0.010	11.0	20.0
1-Chloronaphthalene	1.16091	1.24121	0.010	-6.9	20.0
Diphenyl ether	0.83991	0.84865	0.010	-1.0	20.0
2-Nitroaniline	0.41488	0.42495	0.010	-2.4	20.0
Dimethylphthalate	1.41172	1.40005	0.010	0.8	20.0
2,6-Dinitrotoluene	0.31687	0.32184	0.010	-1.6	20.0

09/09/08

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d
Report Date: 09/09/2008 21:01

Lancaster Laboratories, Inc.
Shift Ending Continuing Calibration Check Report

Instrument ID: HP09572.i
Client ID: SECC080
Lab Sample ID: STD2478
Sublist used: all1.sub

Injection Date and Time: 09-SEP-2008 20:18
Initial Calibration Date(s): 03-SEP-2008 04-SEP-2008
Initial Calibration Time(s): 02:11 01:00
Method used: /chem/HP09572.i/08sep09.b/mseven.m

Target Compounds	ICAL Avg. RRF	SECC RRF	Min. RRF	% Diff.	Max. %Diff.
Acenaphthylene	1.84519	1.83221	0.010	0.7	20.0
3-Nitroaniline	0.37370	0.37887	0.010	-1.4	20.0
Acenaphthene	1.11987	1.12336	0.010	-0.3	20.0
2,4-Dinitrophenol	80.000	24.545	0.010	69.3	20.0
Pentachlorobenzene	0.51738	0.52996	0.010	-2.4	20.0
4-Nitrophenol	0.25754	0.30361	0.010	-17.9	20.0
Dibenzofuran	1.74190	1.73408	0.010	0.4	20.0
2,4-Dinitrotoluene	0.42123	0.42151	0.010	-0.1	20.0
1-Naphthylamine	1.24273	1.24971	0.010	-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.33508	0.33511	0.010	0.0	20.0
2-Naphthylamine	1.24865	1.25094	0.010	-0.2	20.0
Diethylphthalate	1.35144	1.35964	0.010	-0.6	20.0
Fluorene	1.40442	1.36537	0.010	2.8	20.0
4-Chlorophenyl-phenylether	0.65885	0.64983	0.010	1.4	20.0
4-Nitroaniline	0.40262	0.37571	0.010	6.7	20.0
4,6-Dinitro-2-methylphenol	0.11452	0.04378	0.010	61.8	20.0
N-Nitrosodiphenylamine	0.56692	0.56469	0.010	0.4	20.0
1,2-Diphenylhydrazine	1.33817	1.28660	0.010	3.9	20.0
4-Bromophenyl-phenylether	0.22137	0.22763	0.010	-2.8	20.0
Hexachlorobenzene	0.23882	0.24521	0.010	-2.7	20.0
Pentachlorophenol	0.15062	0.13993	0.010	7.1	20.0
Pentachloronitrobenzene	0.09989	0.10024	0.010	-0.3	20.0
Phenanthrene	1.05152	1.05311	0.010	-0.2	20.0
Anthracene	1.12238	1.13340	0.010	-1.0	20.0
Carbazole	1.11245	1.12013	0.010	-0.7	20.0
Di-n-butylphthalate	1.31444	1.36264	0.010	-3.7	20.0
Fluoranthene	1.23800	1.28208	0.010	-3.6	20.0
Benzidine	0.63259	0.63363	0.010	-0.2	20.0
Pyrene	1.18721	1.26534	0.010	-6.6	20.0
Butylbenzylphthalate	0.54846	0.60099	0.010	-9.6	20.0
3,3'-Dichlorobenzidine	0.42435	0.46784	0.010	-10.2	20.0
4,4'-Methylenebis(2-Chloroanil	80.000	79.876	0.010	0.2	20.0
Benzo(a)anthracene	1.15468	1.23126	0.010	-6.6	20.0
Chrysene	1.10180	1.11939	0.010	-1.6	20.0
bis(2-Ethylhexyl)phthalate	0.69124	0.73124	0.010	-5.8	20.0
Di-n-octylphthalate	1.54098	1.69996	0.010	-10.3	20.0
7,12-Dimethylbenz[a]anthracene	0.76050	0.79421	0.010	-4.4	20.0
Benzo(b)fluoranthene	1.46300	1.53328	0.010	-4.8	20.0
Benzo(k)fluoranthene	1.52400	1.54935	0.010	-1.7	20.0
Benzo(a)pyrene	1.32506	1.46565	0.010	-10.6	20.0
3-Methylcholanthrene	0.77150	0.76106	0.010	1.4	20.0
Dibenz(a,h)acridine	80.000	86.839	0.010	-8.5	20.0
Dibenz(a,j)acridine	1.23925	1.29687	0.010	-4.7	20.0
Indeno(1,2,3-cd)pyrene	1.58612	1.70788	0.010	-7.7	20.0
Dibenz(a,h)anthracene	1.23352	1.43370	0.010	-16.2	20.0
Benzo(g,h,i)perylene	1.33632	1.44446	0.010	-8.1	20.0

Surrogate Standards	ICAL Avg. RRF	SECC RRF	Min. RRF	% Diff.	Max. %Diff.
2-Fluorophenol	1.91874	1.97797	0.010	-3.1	20.0

Phenol-d5	2.95878	2.93214	0.010	0.9	20.0
Phenol-d6	2.95878	2.93214	0.010	0.9	20.0
Nitrobenzene-d5	0.59830	0.59621	0.010	0.3	20.0
2-Fluorobiphenyl	1.38221	1.39436	0.010	-0.9	20.0
2,4,6-Tribromophenol	0.21979	0.22915	0.010	-4.3	20.0
Terphenyl-d14	0.93173	1.02473	0.010	-10.0	20.0

ASX84 8359

Continuing Calibration
Internal Standard Area and Retention Time
Summary

Initial Calibration Standards:

/chem/HP09572.i/08sep03.b/ei0102.d
/chem/HP09572.i/08sep03.b/ei0103.d
/chem/HP09572.i/08sep03.b/ei0104.d
/chem/HP09572.i/08sep03.b/ei0105.d
/chem/HP09572.i/08sep03.b/ei0106.d
/chem/HP09572.i/08sep03.b/ei0107.d
/chem/HP09572.i/08sep03.b/ei0108.d

** ICAL Area and RT are the average from the above standards.

Current Continuing Calibration Standard:

/chem/HP09572.i/08sep09.b/ei0437c.d

Area Summary

File ID:

Internal Standard Name	ei0437c.d	ICAL Area	Low Limit	High Limit	In Spec
1,4-Dichlorobenzene-d4	76393	117614	58807	235228	Yes
Naphthalene-d8	352867	532402	266201	1064804	Yes
Acenaphthene-d10	209195	313977	156988	627954	Yes
Phenanthrene-d10	377611	580012	290006	1160024	Yes
Chrysene-d12	383010	622570	311285	1245140	Yes
Perylene-d12	311084	479102	239551	958204	Yes

A "No" indicates the internal standard area is outside acceptable QC limits.

RT Summary

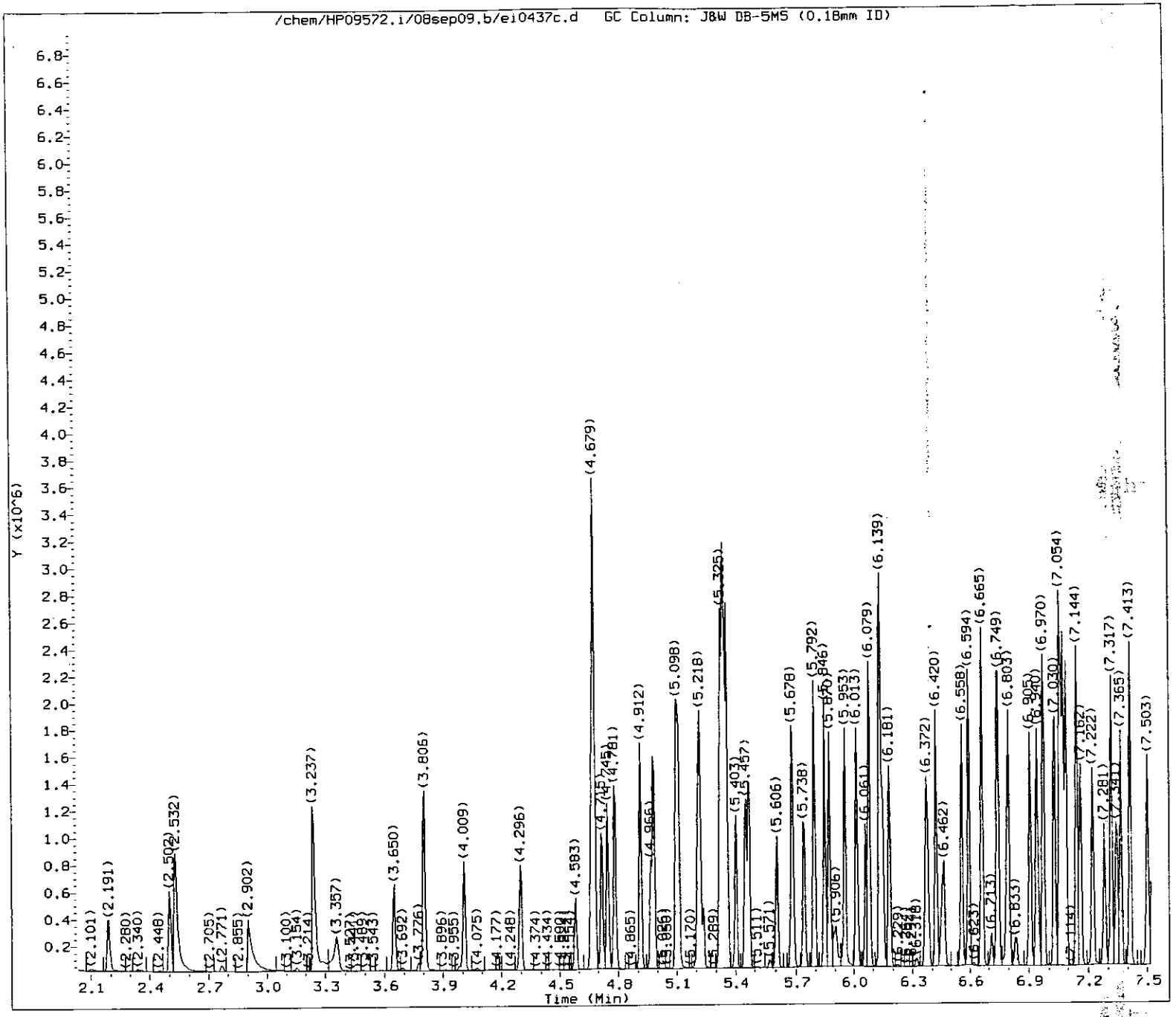
File ID:

Internal Standard Name	ei0437c.d	ICAL RT	In Spec
1,4-Dichlorobenzene-d4	4.966	5.121	Yes
Naphthalene-d8	6.061	6.214	Yes
Acenaphthene-d10	7.527	7.678	Yes
Phenanthrene-d10	8.753	8.903	Yes
Chrysene-d12	11.002	11.184	Yes
Perylene-d12	12.612	12.846	Yes

A "No" indicates the retention time is greater than 30 seconds from the RT of the referenced ICAL average.

Comments: MN 09/09/08

Report generated on 09/09/2008 at 21:05



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d
Injection date and time: 09-SEP-2008 20:18

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

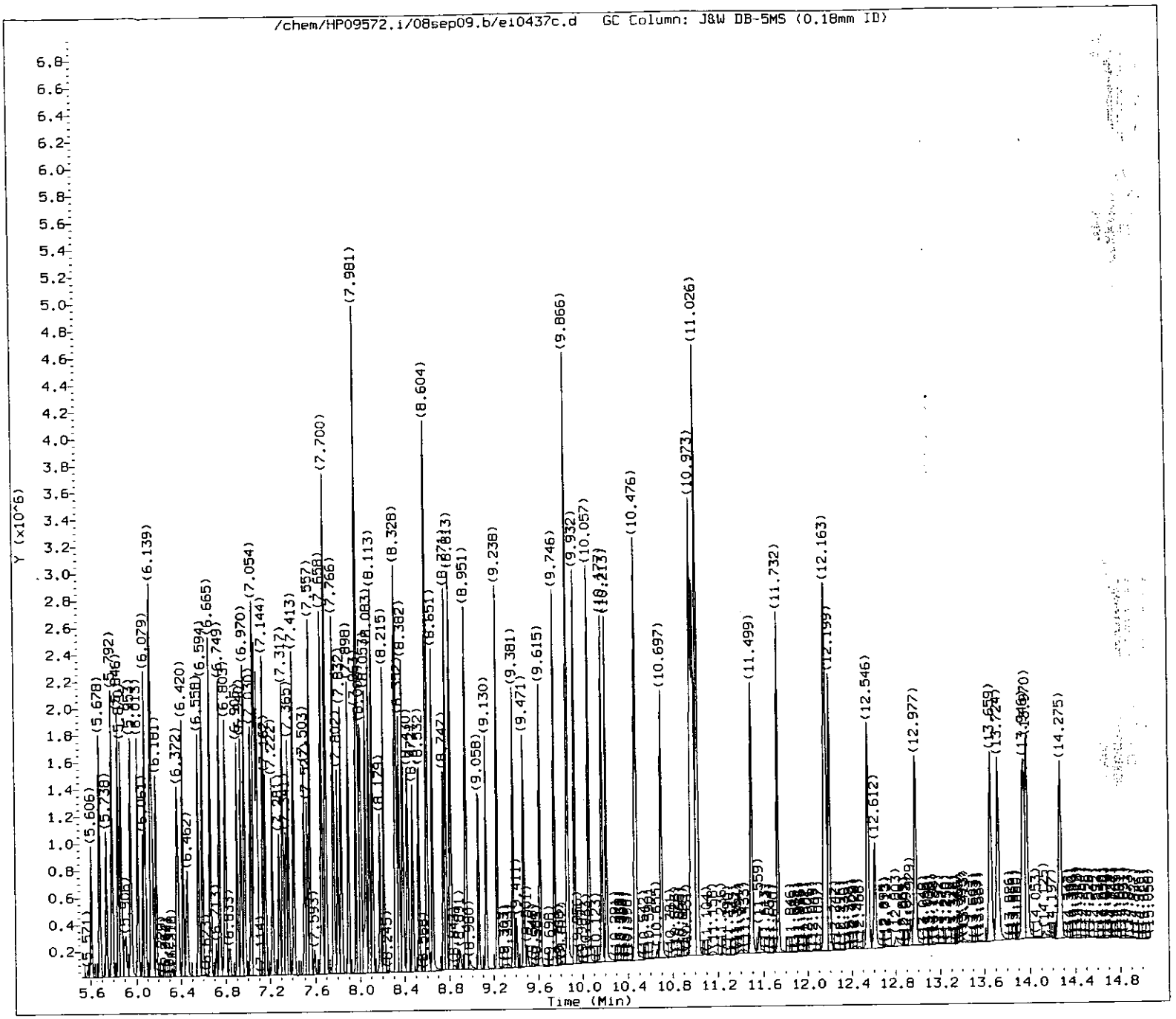
Sublist used: all1

Sample Name: SECC080

Lab Sample ID: STD2478

ASX84 0361

Lmn 19 09109103



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d
Injection date and time: 09-SEP-2008 20:18

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: all1

Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

Sample Name: SECC080

Lab Sample ID: STD2478

ASX84 B362

lmh 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 20:18 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

Sample Name: SECC080 Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
1) 1,4-Dioxane	(1)	2.191	88	157997	65.6017
2) N-Nitrosodimethylamine	(1)	2.502	74	275066	73.4238
3) Pyridine	(1)	2.532	79	485856	77.5207
13) Aniline	(1)	4.679	93	620250	81.4508
16) Phenol	(1)	4.679	94	503918	86.2760
18) bis(2-Chloroethyl)ether	(1)	4.745	93	358183	79.8520
19) 2-Chlorophenol	(1)	4.787	128	265304	83.3662
20) 1,3-Dichlorobenzene	(1)	4.912	146	271403	84.4346
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	76393	40.0000
22) 1,4-Dichlorobenzene	(1)	4.984	146	272504	83.2300
24) Benzyl alcohol	(1)	5.098	108	225118	82.1594
25) 1,2-Dichlorobenzene	(1)	5.110	146	254755	84.3152
26) 2-Methylphenol	(1)	5.218	108	275840	81.7024
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212	45	295794	70.9626
28) bis(2-Chloroisopropyl)ether	(1)	5.212	45	295794	70.9626
30) Acetophenone	(1)	5.325	105	464922	81.2926
31) N-Nitroso-di-n-propylamine	(1)	5.337	70	325901	79.0108
33) 4-Methylphenol	(1)	5.337	108	331846	86.1757
34) o-Toluidine	(1)	5.355	106	506806	78.9955
37) Hexachloroethane	(1)	5.403	117	110892	82.1066
39) Nitrobenzene	(2)	5.469	77	449033	78.8948
41) Isophorone	(2)	5.678	82	825431	78.8726
43) 2-Nitrophenol	(2)	5.744	139	138739	83.7513
45) 2,4-Dimethylphenol	(2)	5.792	107	335663	81.3282
47) bis(2-Chloroethoxy)methane	(2)	5.870	93	417933	76.4099
48) Benzoic acid	(2)	5.906	105	208384	60.6203
50) 2,4-Dichlorophenol	(2)	5.953	162	219118	82.3429
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	220214	84.8586
53) Naphthalene-d8	(2)	6.061	136	352867	40.0000
54) Naphthalene	(2)	6.079	128	773378	80.7090
56) 4-Chloroaniline	(2)	6.133	127	327937	81.3283
57) 2,6-Dichlorophenol	(2)	6.139	162	212595	81.8355
60) Hexachlorobutadiene	(2)	6.181	225	124282	85.7568
63) Caprolactam	(2)	6.462	113	107567	74.9096
68) 4-Chloro-3-methylphenol	(2)	6.558	107	297340	82.1977
70) 2-Methylnaphthalene	(2)	6.665	142	512871	80.4560
71) 1-Methylnaphthalene	(2)	6.749	142	513417	80.7188
72) Hexachlorocyclopentadiene	(3)	6.791	237	75684	47.2883
73) 1,2,4,5-Tetrachlorobenzene	(3)	6.803	216	224547	80.5449
75) 2,4,6-Trichlorophenol	(3)	6.905	196	163709	85.3363
77) 2,4,5-Trichlorophenol	(3)	6.940	196	188932	85.8919
81) Biphenyl	(3)	7.054	154	631844	78.7691
82) Diphenyl	(3)	7.054	154	631844	78.7691

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 20:18 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

Sample Name: SECC080 Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
83) 1,1'-Biphenyl	(3)	7.054	154	631844	78.7691
84) 2-Chloronaphthalene	(3)	7.072	162	508426	71.2054
85) 1-Chloronaphthalene	(3)	7.090	162	519311	85.5337
88) Diphenyl ether	(3)	7.144	170	355066	80.8325
89) 2-Nitroaniline	(3)	7.162	138	177793	81.9403
92) Dimethylphthalate	(3)	7.317	163	585767	79.3388
94) 2,6-Dinitrotoluene	(3)	7.365	165	134653	81.2534
95) Acenaphthylene	(3)	7.413	152	766580	79.4375
97) 3-Nitroaniline	(3)	7.503	138	158515	81.1062
98) Acenaphthene-d10	(3)	7.527	164	209195	40.0000
99) Acenaphthene	(3)	7.557	153	470004	80.2494
100) 2,4-Dinitrophenol	(3)	7.593	184	17241	24.5448
101) Pentachlorobenzene	(3)	7.664	250	221732	81.9461
103) 4-Nitrophenol	(3)	7.658	109	127028	94.3109
104) Dibenzofuran	(3)	7.700	168	725520	79.6406
105) 2,4-Dinitrotoluene	(3)	7.700	165	176354	80.0520
106) 1-Naphthylamine	(3)	7.766	143	522868	80.4499
107) 2,3,4,6-Tetrachlorophenol	(3)	7.802	232	140207	80.0080
108) 2-Naphthylamine	(3)	7.832	143	523380	80.1465
109) Diethylphthalate	(3)	7.898	149	568860	80.4852
111) Fluorene	(3)	7.981	166	571258	77.7757
112) 4-Chlorophenyl-phenylether	(3)	7.981	204	271883	78.9055
114) 4-Nitroaniline	(3)	8.011	138	157193	74.6526
115) 4,6-Dinitro-2-methylphenol	(4)	8.035	198	33064	30.5829
117) N-Nitrosodiphenylamine	(4)	8.083	169	426467	79.6855
118) 1,2-Diphenylhydrazine	(4)	8.113	77	971667	76.9168
126) 4-Bromophenyl-phenylether	(4)	8.382	248	171912	82.2637
128) Hexachlorobenzene	(4)	8.430	284	185185	82.1404
132) Pentachlorophenol	(4)	8.598	266	105675	74.3206
133) Pentachloronitrobenzene	(4)	8.604	237	75706	80.2796
136) Phenanthrene-d10	(4)	8.753	188	377611	40.0000
138) Phenanthrene	(4)	8.771	178	795332	80.1213
139) Anthracene	(4)	8.813	178	855970	80.7858
141) Carbazole	(4)	8.951	167	845949	80.5523
143) Di-n-butylphthalate	(4)	9.238	149	1029096	82.9339
148) Fluoranthene	(4)	9.746	202	968256	82.8485
153) Benzidine	(5)	9.866	184	1456131	240.3961
155) Pyrene	(5)	9.932	202	969276	85.2650
162) Butylbenzylphthalate	(5)	10.476	149	460373	87.6627
165) 3,3'-Dichlorobenzidine	(5)	10.967	252	358375	88.1979
166) 4,4'-Methylenebis(2-Chloroanil	(5)	10.973	231	186649	79.8756
167) Benzo(a)anthracene	(5)	10.990	228	943172	85.3058
168) Chrysene-d12	(5)	11.002	240	383010	40.0000

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0437c.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 20:18 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

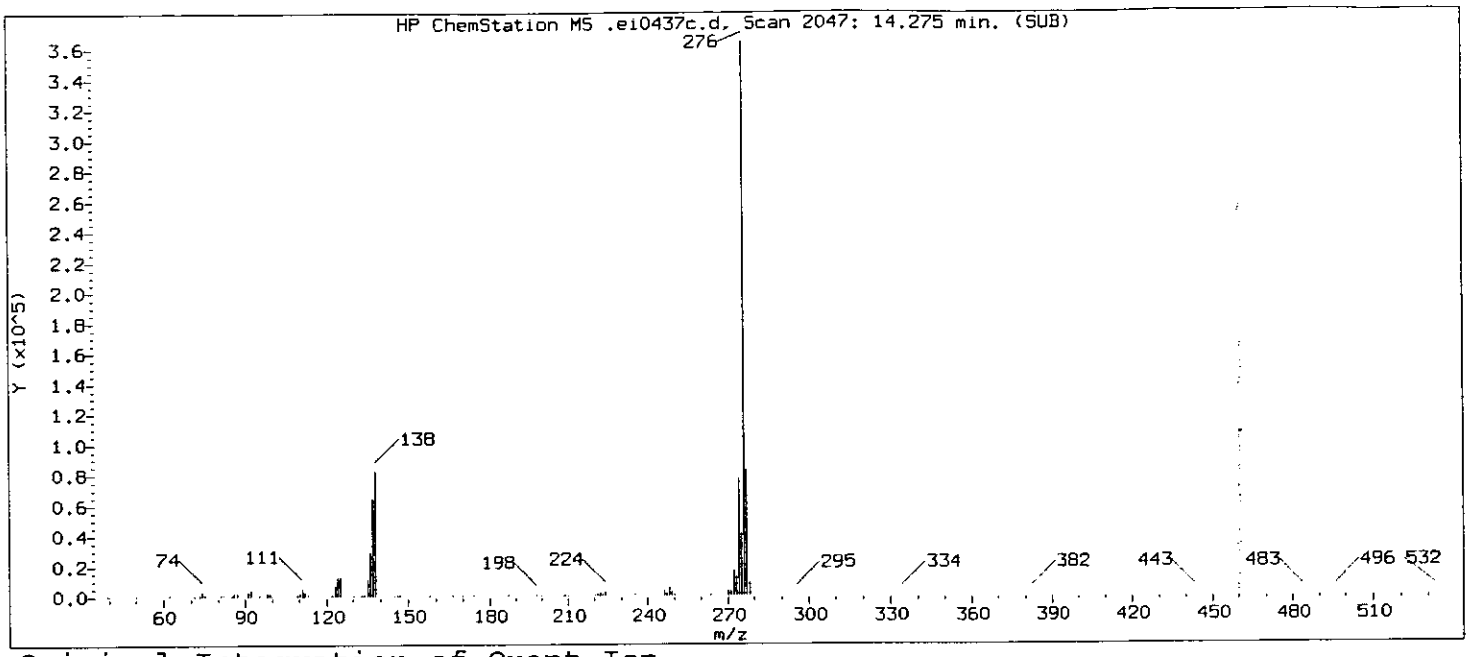
Sample Name: SECC080 Lab Sample ID: STD2478

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.026	228	857476	81.2773
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	560144	84.6293
171) Di-n-octylphthalate	(6)	11.732	149	1057663	88.2535
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.157	256	494134	83.5465
173) Benzo(b)fluoranthene	(6)	12.169	252	953960	83.8432
174) Benzo(k)fluoranthene	(6)	12.199	252	963955	81.3307
175) Benzo(a)pyrene	(6)	12.546	252	911881	88.4879
176) Perylene-d12	(6)	12.612	264	311084	40.0000
177) 3-Methylcholanthrene	(6)	12.977	268	473507	78.9175
178) Dibenz(a,h)acridine	(6)	13.659	279	828037	86.8388
179) Dibenz(a,j)acridine	(6)	13.724	279	806872	83.7200
180) Indeno(1,2,3-cd)pyrene	(6)	13.946	276	1062591	86.1413
181) Dibenz(a,h)anthracene	(6)	13.976	278	892003	92.9825
182) Benzo(g,h,i)perylene	(6)	14.275	276	898694M	86.4739
9) 2-Fluorophenol	(1)	3.806	112	302206	82.4693
14) Phenol-d5	(1)	4.667	99	447990	79.2796
15) Phenol-d6	(1)	4.667	99	447990	79.2796
38) Nitrobenzene-d5	(2)	5.457	82	420768	79.7210
78) 2-Fluorobiphenyl	(3)	6.970	172	583388	80.7036
119) 2,4,6-Tribromophenol	(3)	8.179	330	95874	83.4064
157) Terphenyl-d14	(5)	10.057	244	784967	87.9854

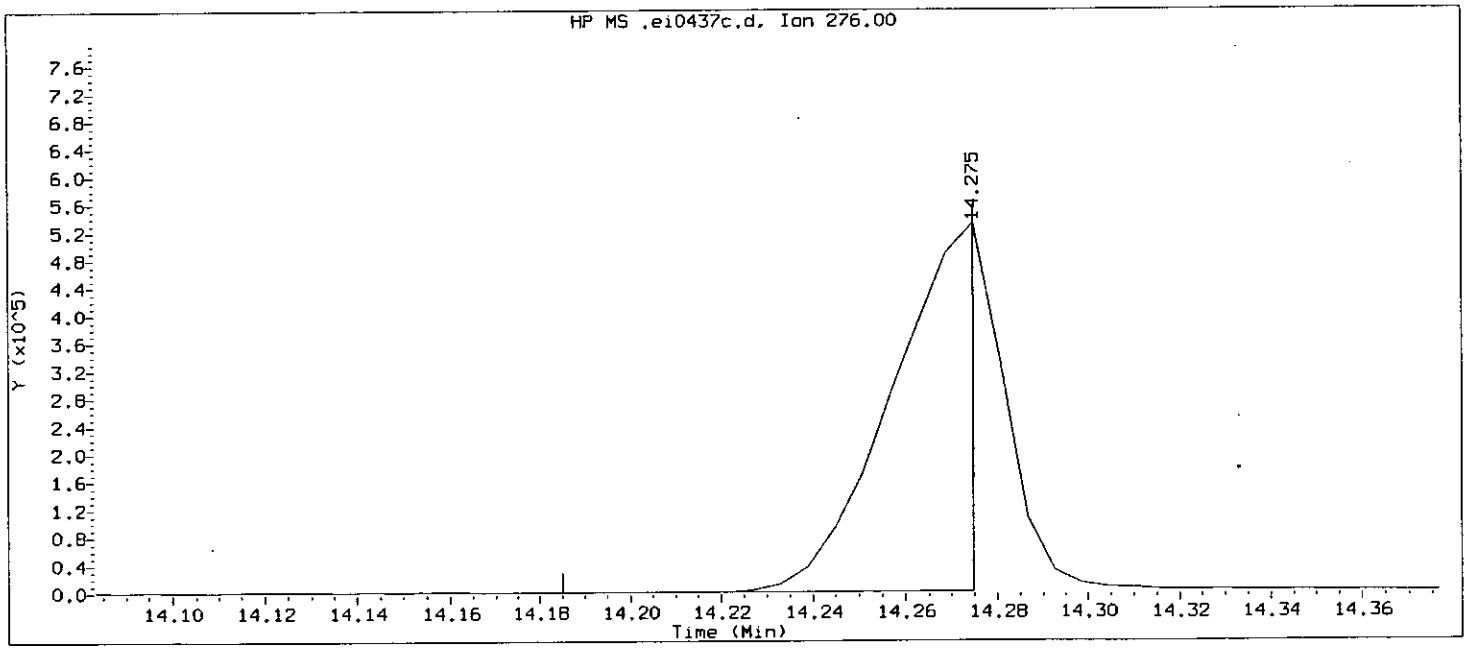
M = Compound was manually integrated. A = User selected an alternate hit

ASX84 8365

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437c.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 20:18 Analyst ID: rpb01568

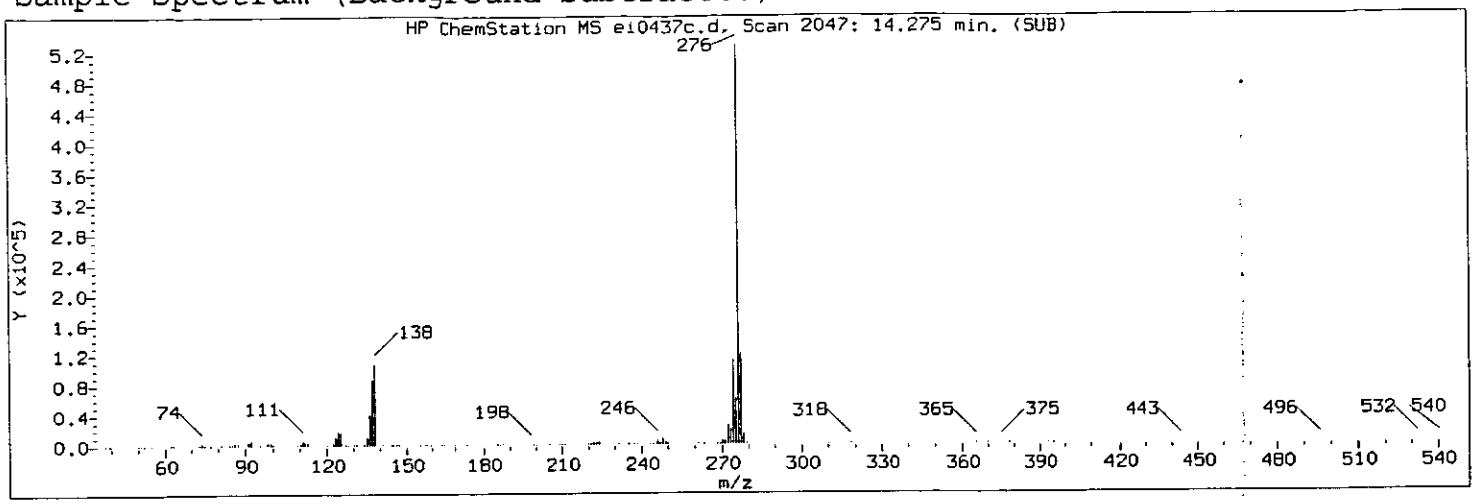
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:36 Automation

Sample Name: SECC080 Lab Sample ID: STD2478

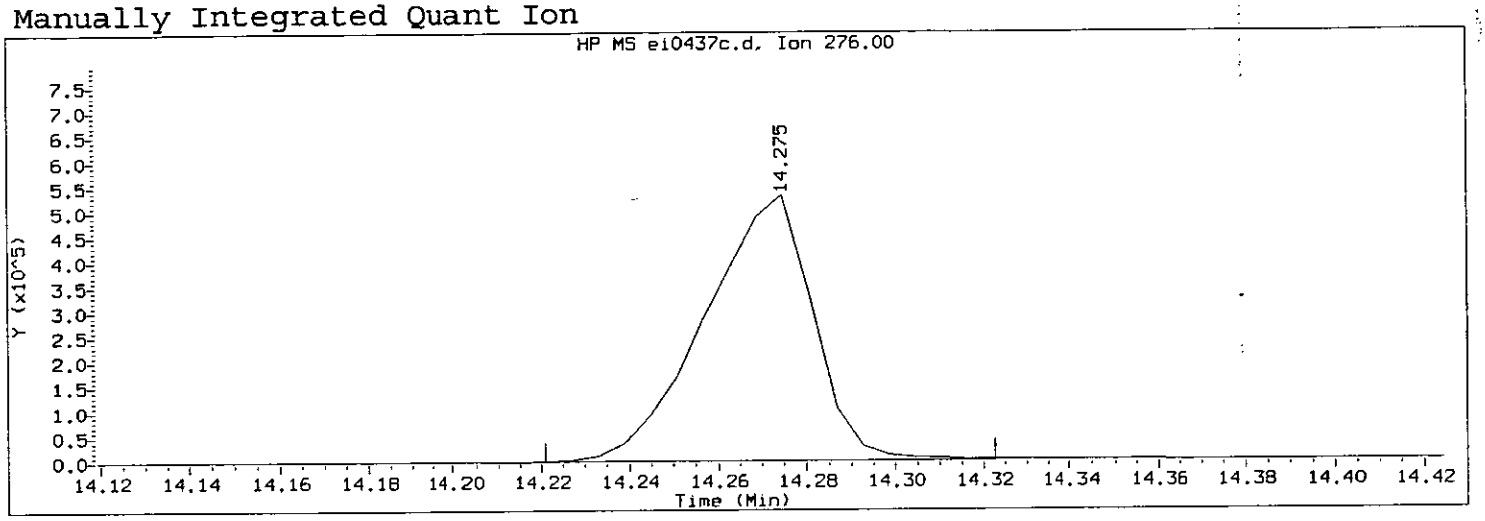
Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2047
Retention Time (minutes): 14.275
Quant Ion : 276
Area : 624785
Concentration (ng/ul) : 60.1178
Integration start scan : 2031 Integration stop scan: 2046
Y at integration start : 722 Y at integration end: 686

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437c.d, generated on 09/09/2008 at 20:56

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0437c.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 20:18 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

Sample Name: SECC080 Lab Sample ID: STD2478

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2047
Retention Time (minutes): 14.275
Quant Ion : 276
Area (flag) : 898694 M
Concentration (ng/ul) : 86.4739
Integration start scan : 2037 Integration stop scan: 2054
Y at integration start : 792 Y at integration end: 792

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0437c.d, generated on 09/09/2008 at 20:56

Raw QC Data

ASX04 0368

Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

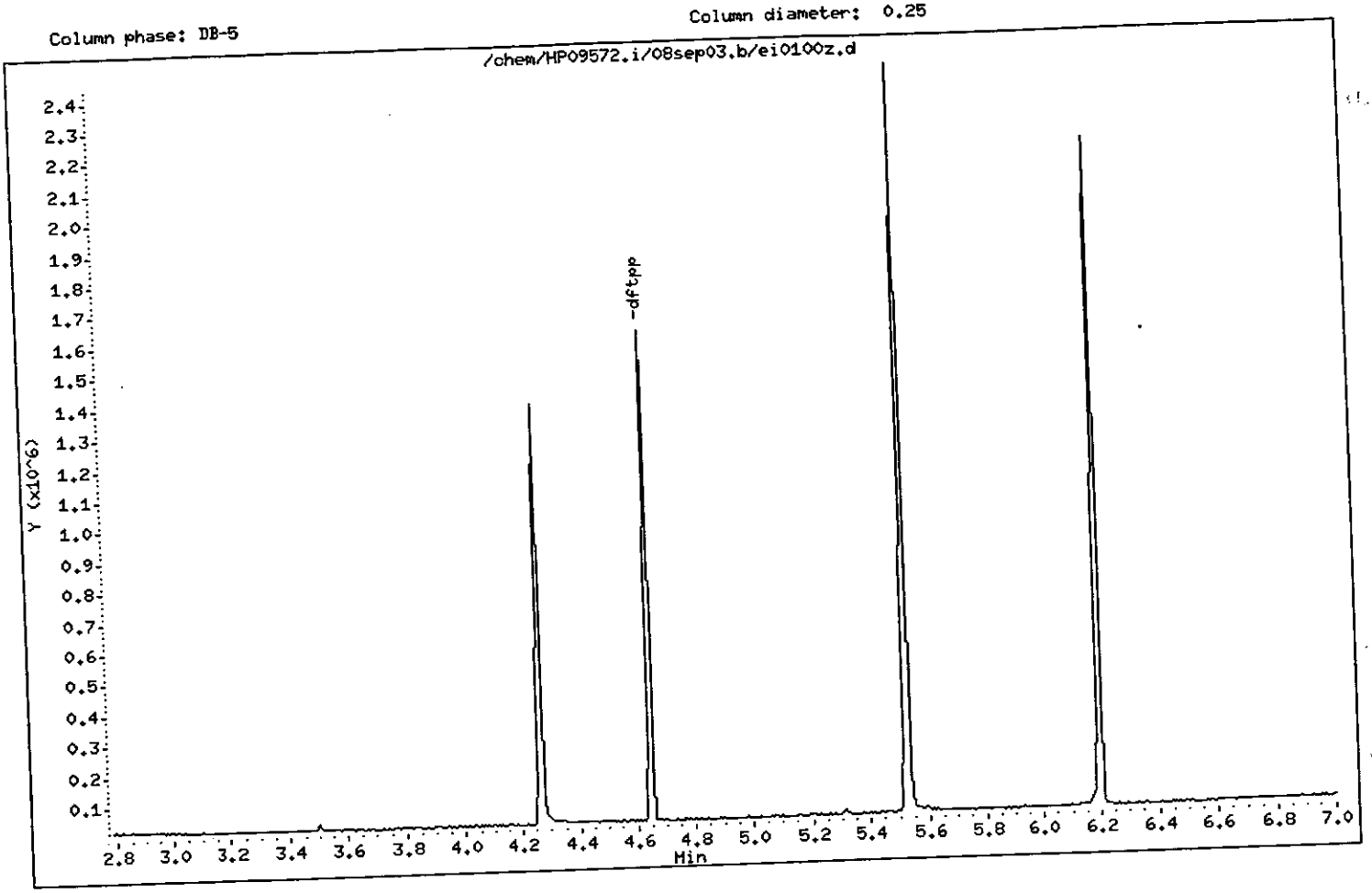
Sample Info: DFTPP;8270DFTPP1748;

Instrument: HP09572.i

Operator: lmh00956

Column diameter: 0.25

Column phase: DB-5



Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

Sample Info: DFTPP;8270DFTPP1748;

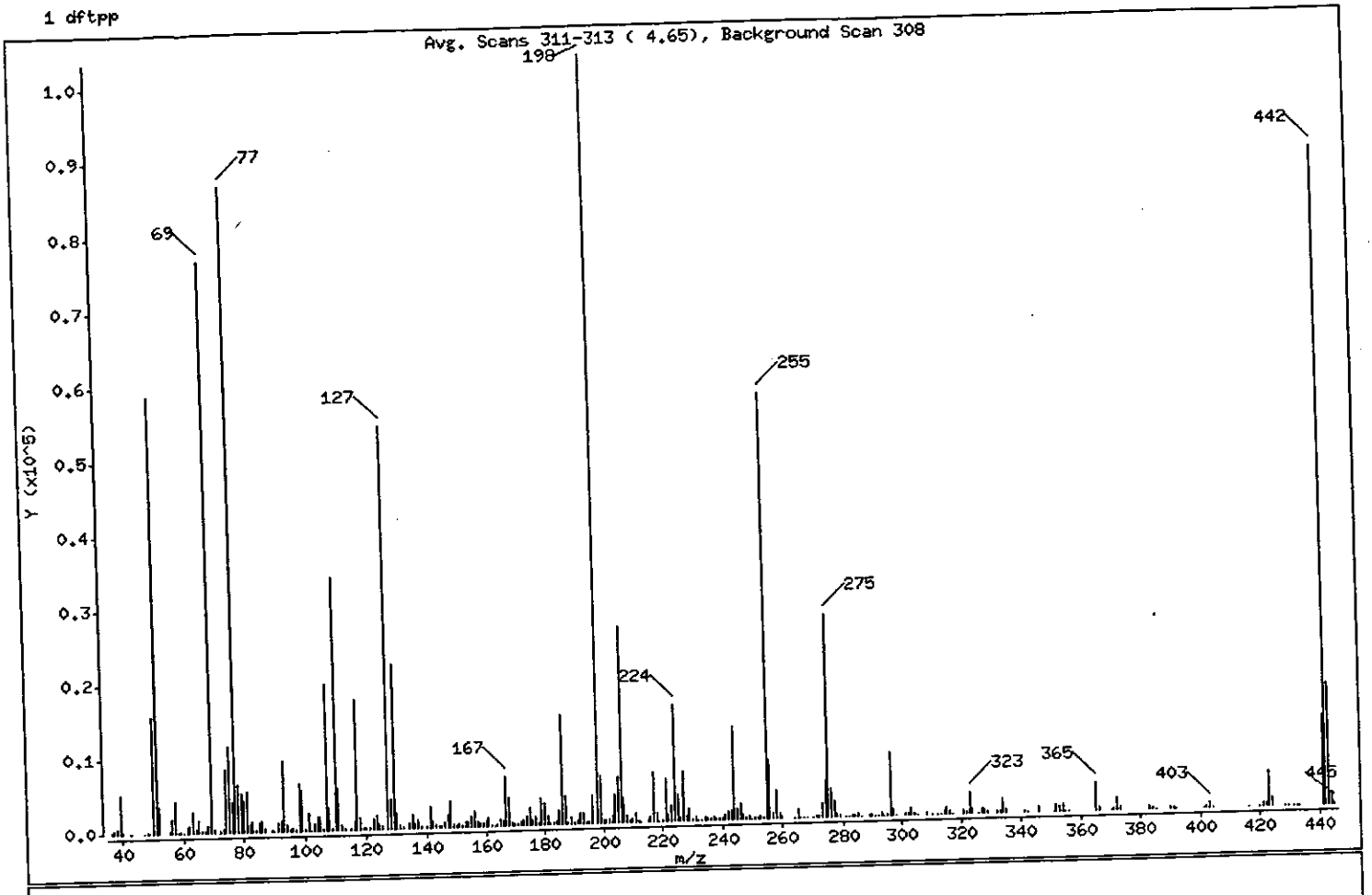
Instrument: HP09572.i

Operator: lmh00956

Column diameter: 0.25

Column phase: DB-5

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	56.81
68	Less than 2.00% of mass 69	0.99 (1.33)
69	Mass 69 relative abundance	74.23
70	Less than 2.00% of mass 69	0.39 (0.52)
127	40.00 - 60.00% of mass 198	52.45
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.15
275	10.00 - 30.00% of mass 198	26.44
365	Greater than 1.00% of mass 198	3.64
441	Present, but less than mass 443	11.81
442	40.00 - 99.99% of mass 198	85.76
443	17.00 - 23.00% of mass 442	15.88 (18.51)

ASX04 0370

Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

Sample Info: DFTPP;8270DFTPP1748;

Instrument: HP09572.i

Operator: lmh00956

Column diameter: 0.25

Column phase: DB-5

Data File: ei0100z.d

Spectrum: Avg. Scans 311-313 (4.65), Background Scan 308

Location of Maximum: 198.00

Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	228	123.00	2001	205.00	6134	291.00	70
37.00	375	124.00	800	206.00	26384	292.00	74
38.00	826	125.00	495	207.00	3402	293.00	399
39.00	5170	127.00	54240	208.00	996	294.00	94
40.00	200	128.00	4146	209.00	313	295.00	124
42.00	67	129.00	22200	210.00	412	296.00	8511
43.00	8	130.00	2237	211.00	1307	297.00	1024
47.00	69	131.00	364	212.00	182	298.00	84
48.00	184	132.00	245	213.00	66	301.00	143
49.00	40	134.00	807	215.00	203	302.00	146
50.00	15658	135.00	2013	216.00	703	303.00	1059
51.00	58752	136.00	784	217.00	6765	304.00	346
52.00	3527	137.00	1218	218.00	1081	305.00	61
55.00	277	138.00	166	219.00	80	308.00	134
56.00	1924	140.00	224	220.00	129	310.00	98
57.00	4319	141.00	2778	221.00	5630	312.00	65
58.00	49	142.00	1018	222.00	1051	313.00	55
59.00	354	143.00	571	223.00	2077	314.00	422
60.00	51	144.00	306	224.00	15576	315.00	933
61.00	671	145.00	166	225.00	3664	316.00	528
62.00	1047	146.00	707	226.00	518	317.00	86
63.00	2899	147.00	1586	227.00	6655	321.00	446
64.00	436	148.00	3606	228.00	821	322.00	290
65.00	1608	149.00	372	229.00	1595	323.00	2794
66.00	280	150.00	286	230.00	220	324.00	623
67.00	144	151.00	522	231.00	538	326.00	63
68.00	1022	152.00	177	232.00	59	327.00	641
69.00	76768	153.00	788	233.00	98	328.00	451
70.00	399	154.00	712	234.00	402	329.00	176
72.00	142	155.00	1442	235.00	499	332.00	178
73.00	567	156.00	2170	236.00	297	333.00	318
74.00	8600	157.00	627	237.00	544	334.00	1904
75.00	11582	158.00	383	238.00	208	335.00	452
76.00	4104	159.00	435	239.00	231	341.00	302
77.00	86712	160.00	602	240.00	205	342.00	104

ASX84 8371

Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

Data File: ei0100z.d

Spectrum: Avg. Scans 311-313 (4.65), Background Scan 308

Location of Maximum: 198.00

Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	6398	161.00	1229	241.00	596	346.00	762
79.00	5115	162.00	355	242.00	1136	351.00	68
80.00	4198	163.00	66	243.00	1085	352.00	876
81.00	5553	164.00	209	244.00	12543	353.00	637
82.00	1022	165.00	1031	245.00	1394	354.00	965
83.00	1490	166.00	623	246.00	2202	355.00	82
84.00	313	167.00	6599	247.00	659	356.00	55
85.00	1274	168.00	3784	248.00	127	365.00	3763
86.00	1411	169.00	465	249.00	481	366.00	594
87.00	574	170.00	175	250.00	109	370.00	59
89.00	124	171.00	183	251.00	171	371.00	329
90.00	71	172.00	517	252.00	136	372.00	1684
91.00	1261	173.00	694	253.00	429	373.00	454
92.00	1445	174.00	1132	254.00	232	383.00	515
93.00	9554	175.00	2269	255.00	57256	384.00	197
94.00	871	176.00	699	256.00	7912	385.00	58
95.00	353	177.00	1082	257.00	756	390.00	257
96.00	559	178.00	341	258.00	3725	391.00	205
97.00	194	179.00	3455	259.00	598	392.00	98
98.00	6463	180.00	2795	260.00	142	401.00	92
99.00	5449	181.00	1302	264.00	85	402.00	352
100.00	349	182.00	144	265.00	1155	403.00	816
101.00	2451	183.00	176	266.00	88	404.00	70
102.00	102	184.00	496	267.00	50	416.00	53
103.00	840	185.00	1808	268.00	88	420.00	73
104.00	1806	186.00	14763	270.00	60	421.00	581
105.00	1869	187.00	3888	271.00	254	422.00	530
106.00	214	188.00	320	272.00	197	423.00	4772
107.00	19616	189.00	1057	273.00	1841	424.00	1155
108.00	3002	190.00	220	274.00	5041	428.00	57
109.00	313	191.00	478	275.00	27344	429.00	62
110.00	34096	192.00	1334	276.00	3812	431.00	56
111.00	5665	193.00	1358	277.00	2070	432.00	64
112.00	770	194.00	341	278.00	398	433.00	94
113.00	194	195.00	164	279.00	134	441.00	12218

ASX04 0332

Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

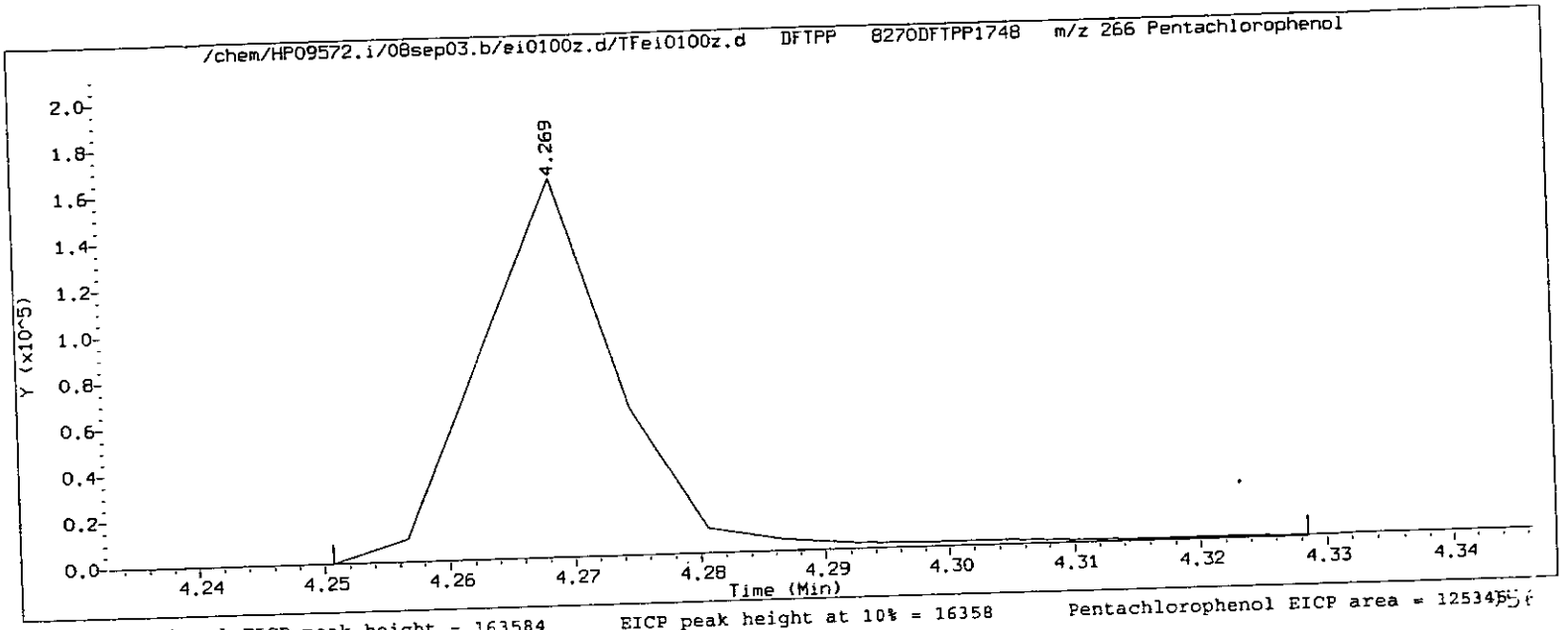
Data File: ei0100z.d
Spectrum: Avg. Scans 311-313 (4.65), Background Scan 308
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
115.00	180	196.00	3767	281.00	53	442.00	88696
116.00	1304	198.00	103424	282.00	59	443.00	16416
117.00	17688	199.00	6358	283.00	288	444.00	1609
118.00	1639	200.00	580	284.00	155	445.00	123
119.00	193	201.00	403	285.00	362		
120.00	236	202.00	410	286.00	101		
121.00	161	203.00	889	289.00	214		
122.00	1509	204.00	3849	290.00	222		

ASX04 8873

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP09572.i Injection Date: 03-SEP-2008 19:41 Operator: lmh00956

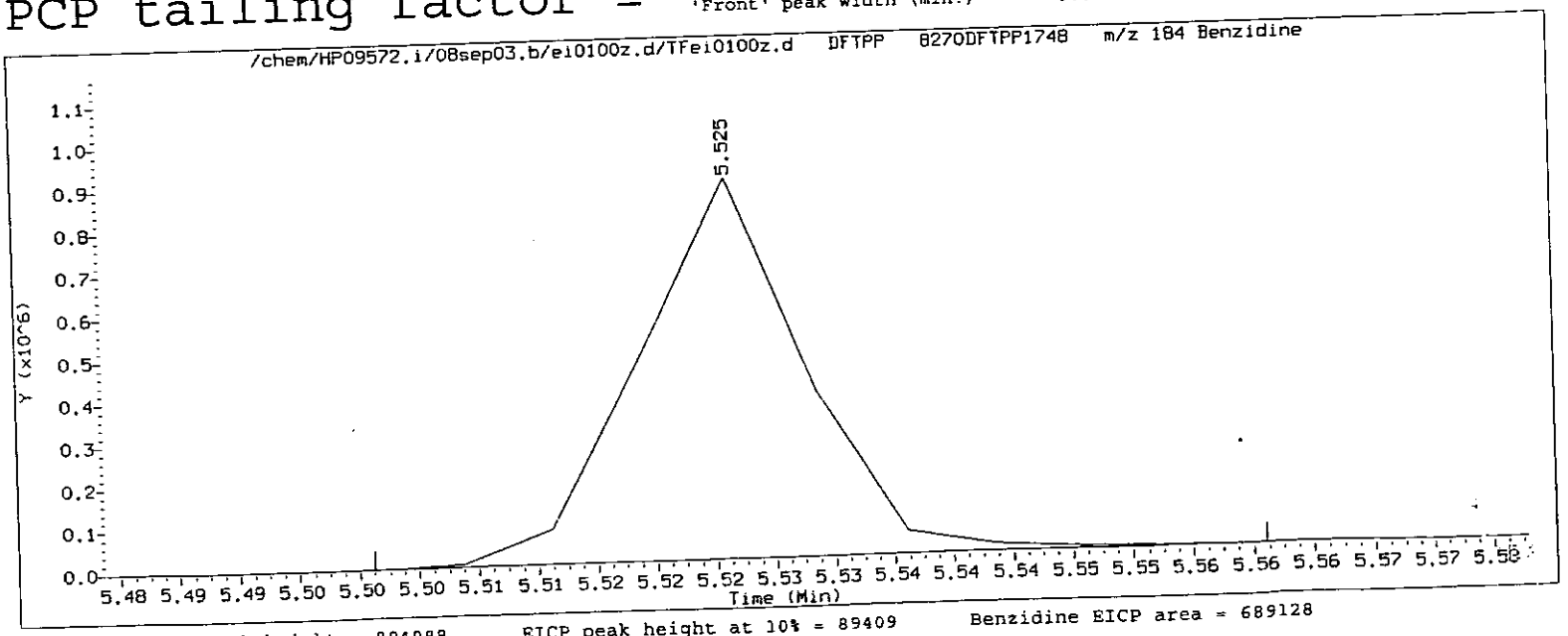


Pentachlorophenol EICP peak height = 163584 EICP peak height at 10% = 16358 Pentachlorophenol EICP area = 1253465

Pentachlorophenol EICP peak apex (min.) = 4.269
RT at 10% of front half of EICP (min.) = 4.257
RT at 10% of back half of EICP (min.) = 4.280

'Front' peak width (min.) = 0.0114500000
'Tailing' peak width (min.) = 0.0113000000

PCP tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0113000000}{0.0114500000} = 0.987$



Benzidine EICP peak height = 894088 EICP peak height at 10% = 89409 Benzidine EICP area = 689128

Benzidine EICP peak apex (min.) = 5.525
RT at 10% of front half of EICP (min.) = 5.513
RT at 10% of back half of EICP (min.) = 5.536

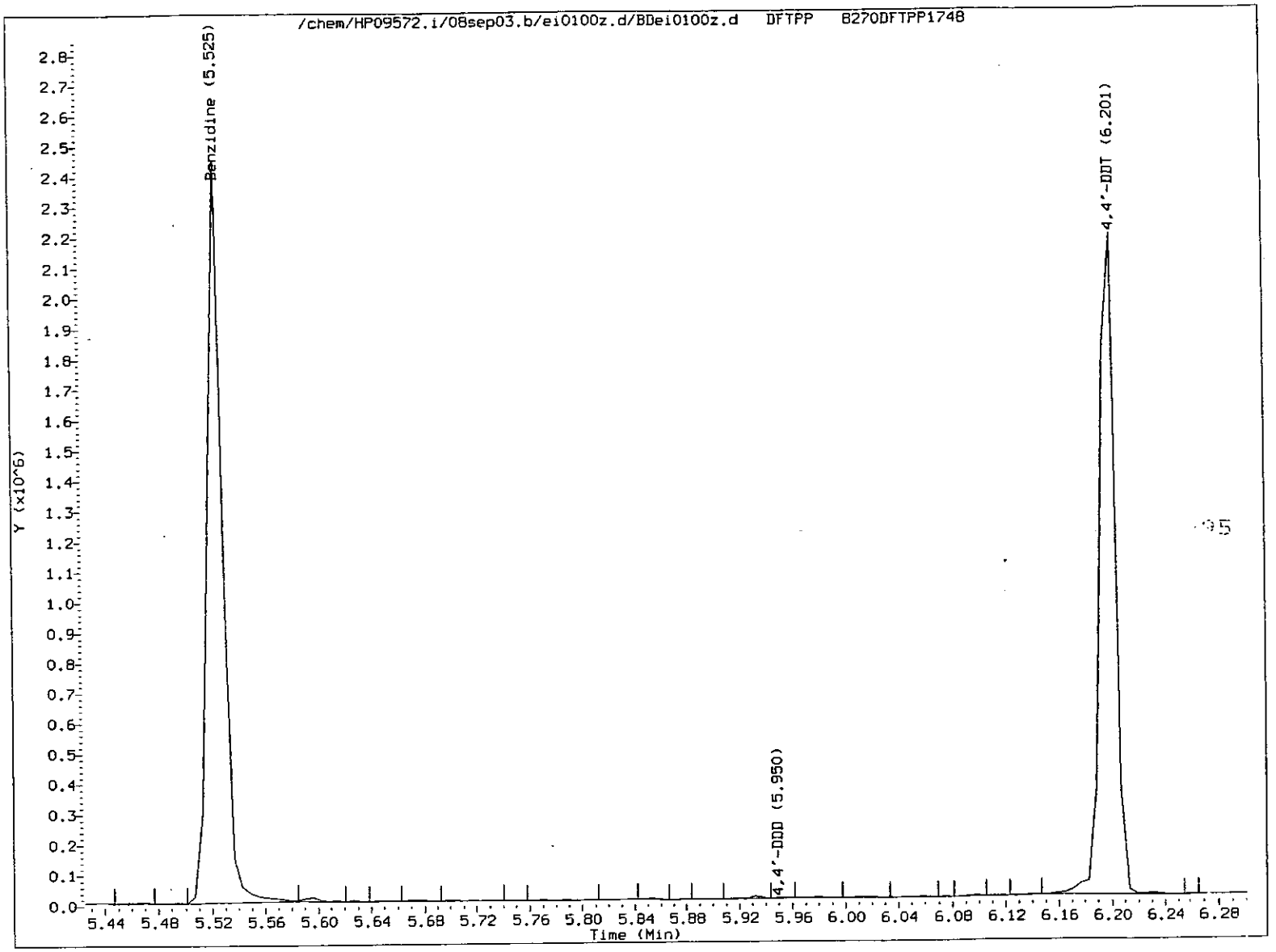
'Front' peak width (min.) = 0.0118333333
'Tailing' peak width (min.) = 0.0113333333

ASX84 8374

Benzidine tailing factor = $\frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0113333333}{0.0118333333} = 0.958$

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP09572.i Injection Date: 03-SEP-2008 19:41 Operator: lmh00956



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 1446}{0 + 1446 + 1744323} \times 100 = 0.1$$

Data File: /chem/HP09572.i/08sep09.b/ei0420.d

Date : 09-SEP-2008 12:36

Client ID: DFTPP

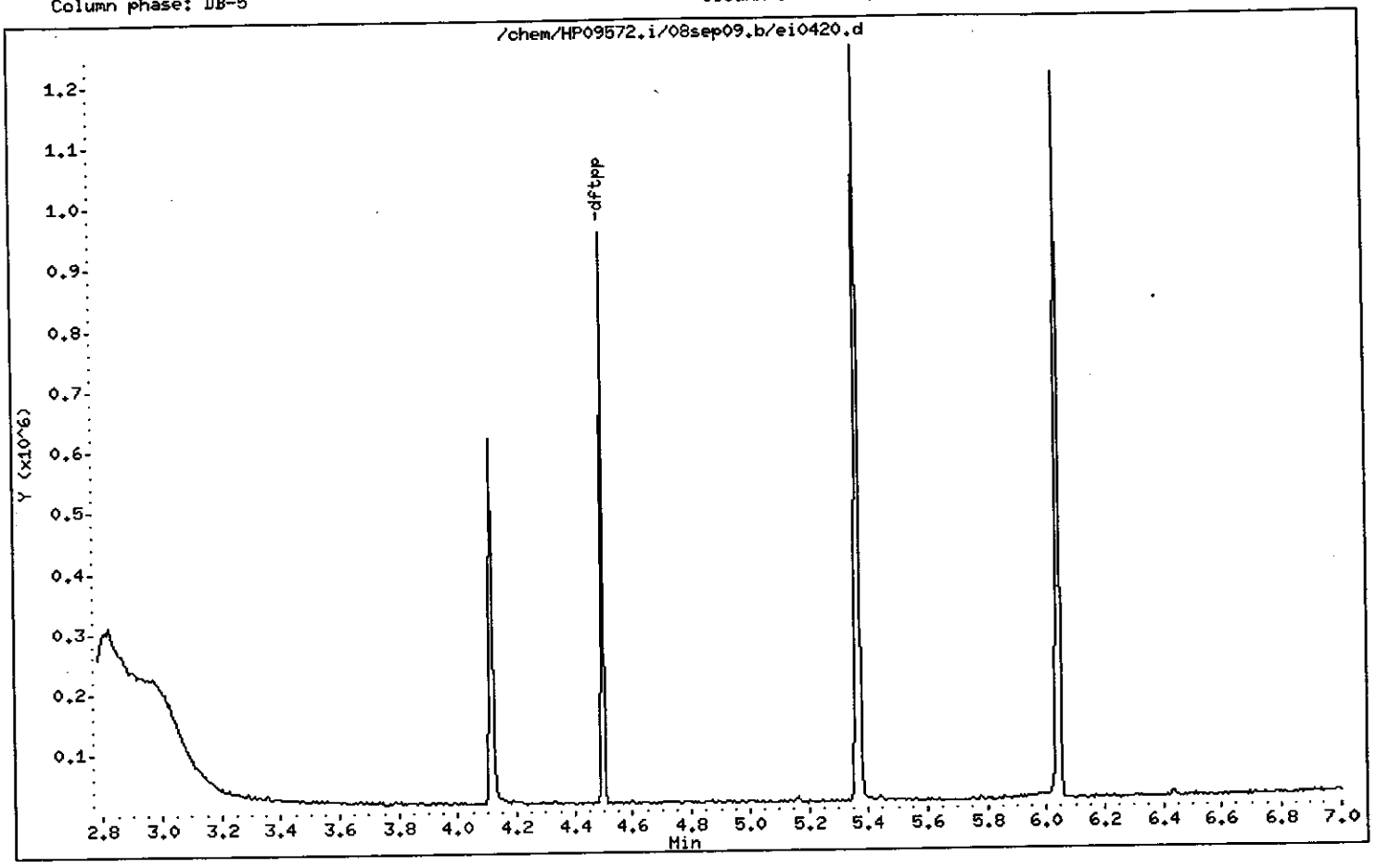
Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: rpb01568

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/HP09572.i/08sep09.b/ei0420.d

Date : 09-SEP-2008 12:36

Client ID: DFTPP

Instrument: HP09572.i

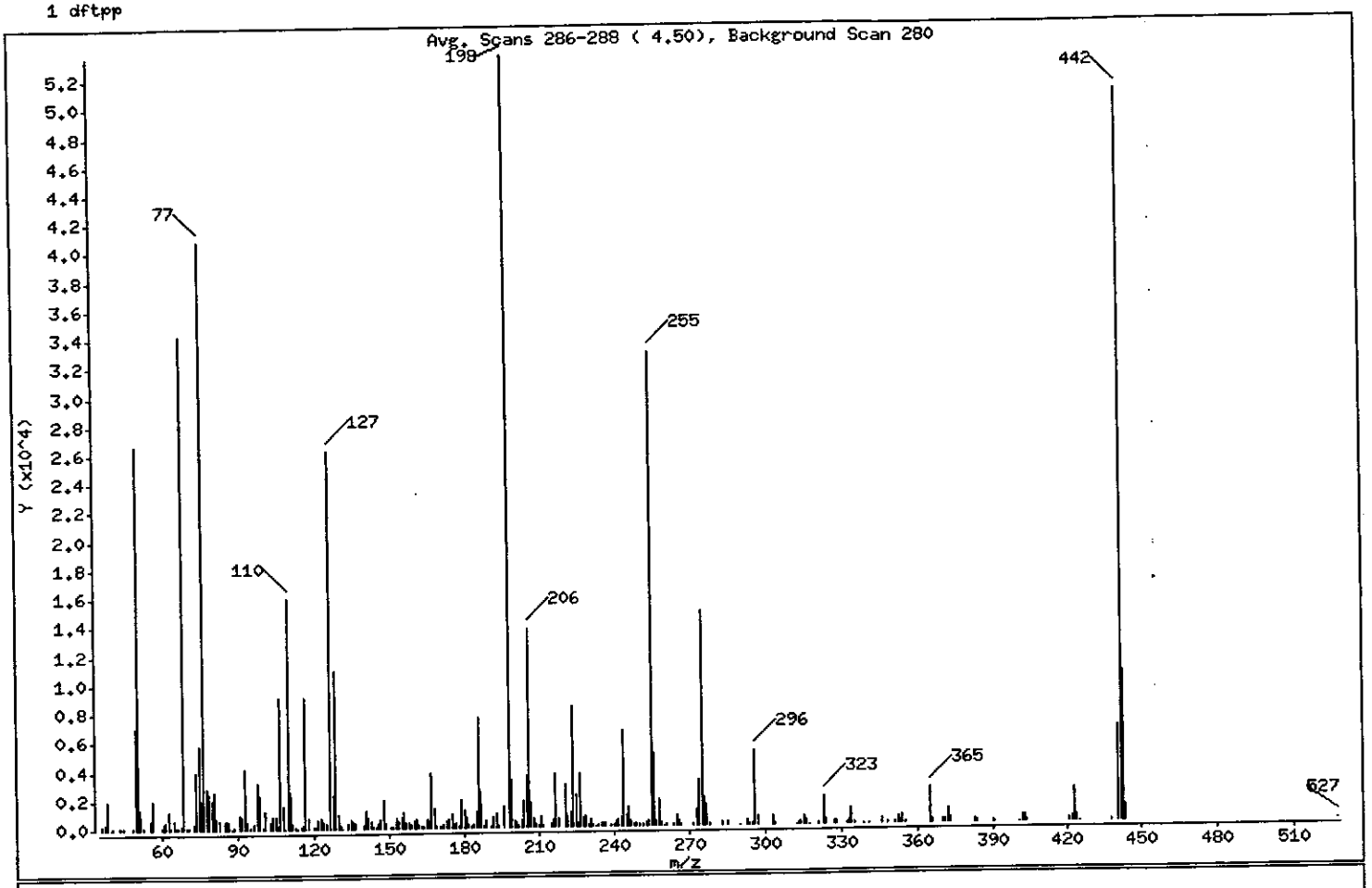
Sample Info: DFTPP;8270DFTPP1748;

Operator: rpb01568

Column phase: DB-5

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	49.54
68	Less than 2.00% of mass 69	0.48 (0.75)
69	Mass 69 relative abundance	63.97
70	Less than 2.00% of mass 69	0.32 (0.50)
127	40.00 - 60.00% of mass 198	48.98
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.13
275	10.00 - 30.00% of mass 198	27.92
365	Greater than 1.00% of mass 198	4.49
441	Present, but less than mass 443	12.30
442	40.00 - 99.99% of mass 198	94.66
443	17.00 - 23.00% of mass 442	19.46 (20.56)

ASX04 0377

Data File: /chem/HP09572.i/08sep09.b/ei0420.d

Date : 09-SEP-2008 12:36

Client ID: DFTPP

Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: rpb01568

Column phase: DB-5

Column diameter: 0.25

Data File: ei0420.d
Spectrum: Avg. Scans 286-288 (4.50), Background Scan 280
Location of Maximum: 198.00
Number of points: 266

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	196	118.00	711	192.00	786	273.00	1073
38.00	332	120.00	184	193.00	936	274.00	3241
39.00	1982	121.00	173	194.00	132	275.00	14970
40.00	6	122.00	674	196.00	1494	276.00	1984
41.00	131	123.00	761	198.00	53608	277.00	1521
44.00	172	124.00	529	199.00	3287	278.00	141
45.00	89	125.00	418	200.00	445	283.00	224
49.00	119	127.00	26256	201.00	337	285.00	269
50.00	7065	128.00	2284	202.00	168	290.00	56
51.00	26560	129.00	10970	203.00	549	293.00	379
52.00	1307	130.00	951	204.00	1804	294.00	96
53.00	129	131.00	293	205.00	3514	295.00	67
56.00	660	132.00	51	206.00	13850	296.00	5141
57.00	2008	134.00	342	207.00	1770	297.00	579
60.00	85	135.00	672	208.00	597	303.00	565
61.00	398	136.00	465	209.00	207	304.00	118
62.00	509	137.00	352	210.00	167	312.00	50
63.00	1260	140.00	186	211.00	684	313.00	87
64.00	160	141.00	1292	212.00	172	314.00	306
65.00	558	142.00	721	215.00	185	315.00	643
66.00	104	143.00	486	216.00	464	316.00	311
67.00	160	144.00	99	217.00	3677	317.00	52
68.00	258	145.00	76	218.00	585	321.00	97
69.00	34288	146.00	325	221.00	2917	323.00	1964
70.00	171	147.00	669	222.00	707	324.00	369
71.00	113	148.00	1978	223.00	990	327.00	287
73.00	396	149.00	330	224.00	8324	328.00	249
74.00	3900	151.00	80	225.00	2231	332.00	71
75.00	5818	152.00	127	226.00	277	333.00	185
76.00	1993	153.00	710	227.00	3643	334.00	1154
77.00	40816	154.00	432	228.00	629	335.00	138
78.00	2801	155.00	773	229.00	771	339.00	57
79.00	2484	156.00	1128	230.00	96	341.00	38
80.00	2028	157.00	331	231.00	467	346.00	410
81.00	2578	158.00	382	232.00	68	348.00	73

ASX84 0378

Data File: /chem/HP09572.i/08sep09.b/ei0420.d

Date : 09-SEP-2008 12:36

Client ID: DFTPP

Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: rpb01568

Column phase: DB-5

Column diameter: 0.25

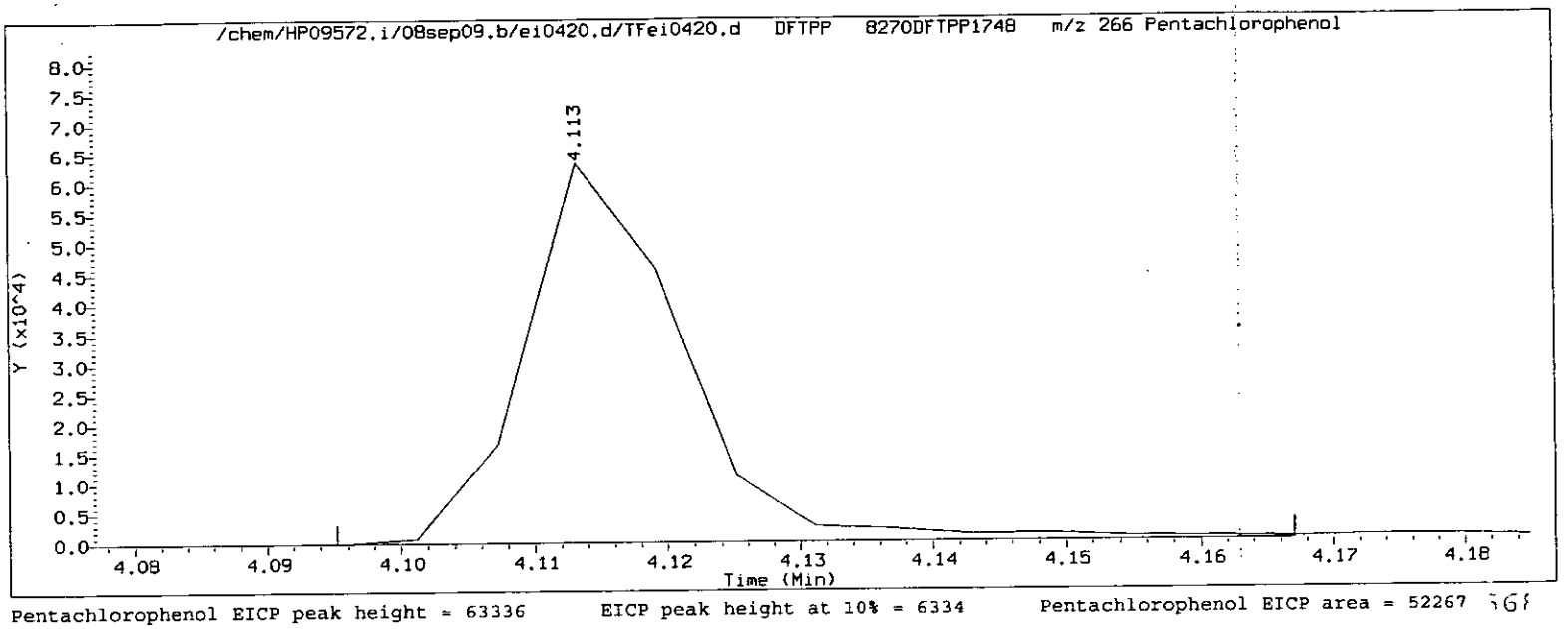
Data File: ei0420.d
Spectrum: Avg. Scans 286-288 (4.50), Background Scan 280
Location of Maximum: 198.00
Number of points: 266

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	783	159.00	281	233.00	56	351.00	107
83.00	649	160.00	506	234.00	172	352.00	507
85.00	453	161.00	599	235.00	236	353.00	278
86.00	569	162.00	208	236.00	267	354.00	591
87.00	448	163.00	62	237.00	242	355.00	118
88.00	61	164.00	160	239.00	90	365.00	2408
89.00	103	165.00	649	240.00	118	366.00	277
91.00	1011	166.00	446	241.00	357	370.00	225
92.00	803	167.00	3781	242.00	513	371.00	219
93.00	4207	168.00	1304	243.00	600	372.00	952
94.00	484	169.00	119	244.00	6676	373.00	349
95.00	141	170.00	77	245.00	797	383.00	201
97.00	336	171.00	130	246.00	1405	384.00	71
98.00	3162	172.00	214	247.00	346	390.00	170
99.00	2388	173.00	504	248.00	72	391.00	54
100.00	125	174.00	662	249.00	190	401.00	59
101.00	1238	175.00	975	250.00	146	402.00	509
103.00	552	176.00	193	252.00	129	403.00	483
104.00	878	177.00	375	253.00	216	404.00	179
105.00	913	178.00	78	254.00	335	421.00	279
106.00	227	179.00	2013	255.00	32920	422.00	356
107.00	9102	180.00	1292	256.00	5009	423.00	2314
108.00	1600	181.00	712	257.00	390	424.00	532
109.00	50	182.00	239	258.00	1863	425.00	50
110.00	16011	183.00	122	259.00	295	438.00	72
111.00	2540	184.00	189	260.00	52	441.00	6596
112.00	324	185.00	1060	261.00	79	442.00	50744
113.00	118	186.00	7672	264.00	89	443.00	10434
114.00	56	187.00	2514	265.00	783	444.00	1097
115.00	98	188.00	113	266.00	349	527.00	61
116.00	273	189.00	491	267.00	67		
117.00	9090	191.00	99	272.00	77		

ASX04 0379

Assessment of GC Column Performance and Injection Port Inertness for

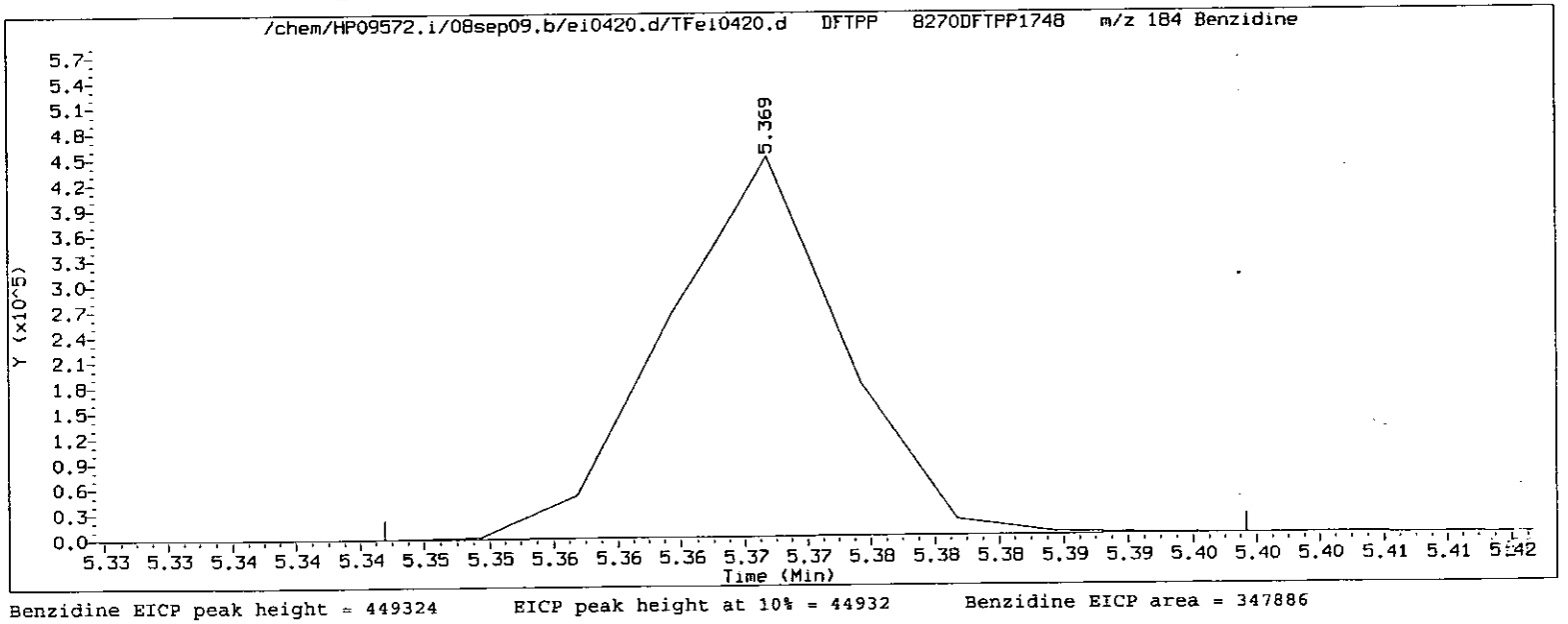
Instrument ID: HP09572.i Injection Date: 09-SEP-2008 12:36 Operator: rpb01568



Pentachlorophenol EICP peak height = 63336 EICP peak height at 10% = 6334 Pentachlorophenol EICP area = 52267

Pentachlorophenol EICP peak apex (min.) = 4.113
RT at 10% of front half of EICP (min.) = 4.103 'Front' peak width (min.) = 0.0098333333
RT at 10% of back half of EICP (min.) = 4.128 'Tailing' peak width (min.) = 0.0152333333

PCP tailing factor $= \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0152333333}{0.0098333333} = 1.549$



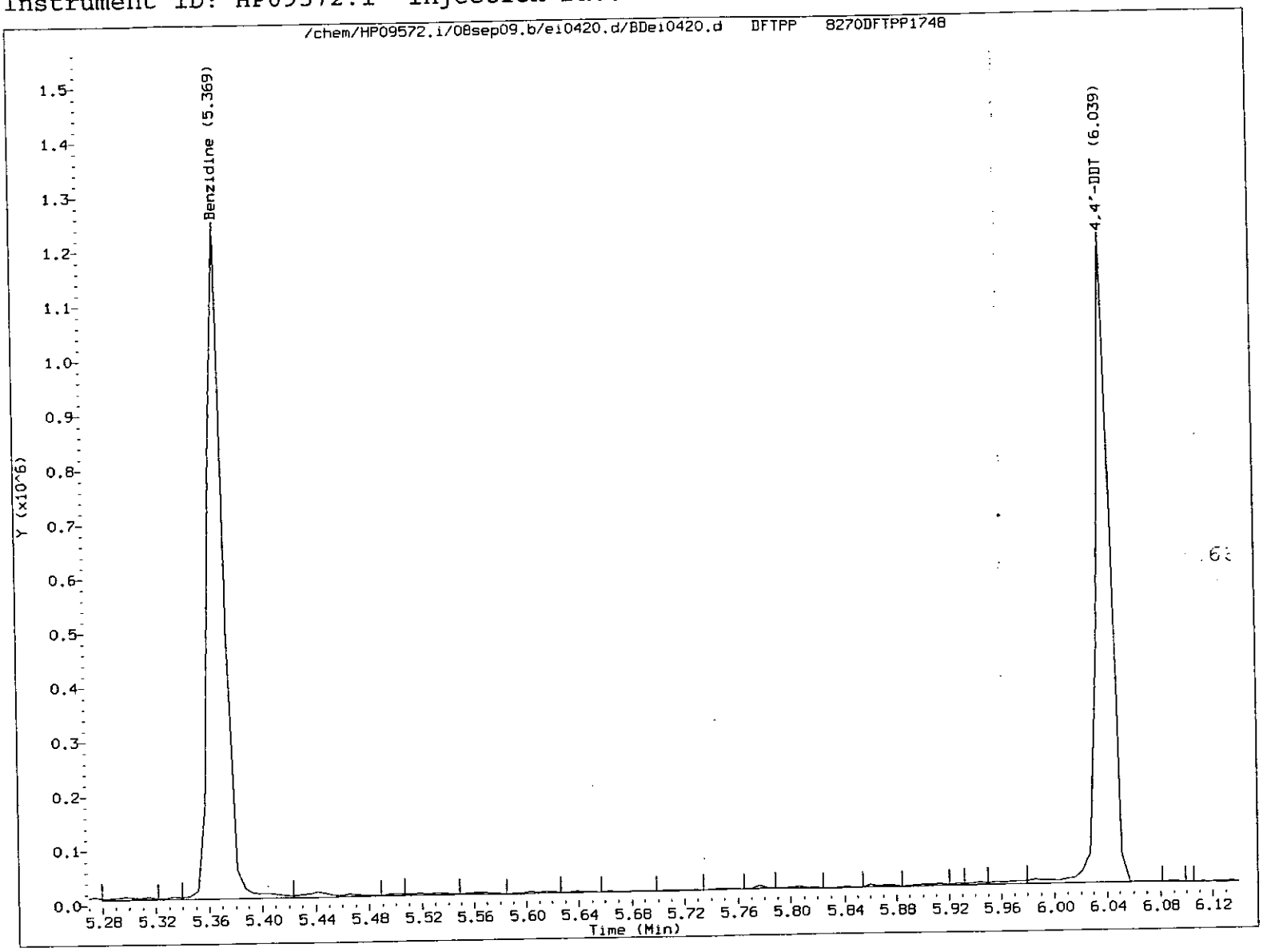
Benzidine EICP peak height = 449324 EICP peak height at 10% = 44932 Benzidine EICP area = 347886

Benzidine EICP peak apex (min.) = 5.369
RT at 10% of front half of EICP (min.) = 5.357 'Front' peak width (min.) = 0.0126000000
RT at 10% of back half of EICP (min.) = 5.380 'Tailing' peak width (min.) = 0.0110000000

Benzidine tailing factor $= \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0110000000}{0.0126000000} = 0.873$

Assessment of GC Column Performance and Injection Port Inertness for

Instrument ID: HP09572.i Injection Date: 09-SEP-2008 12:36 Operator: rpb01568



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 879776} \times 100 = 0.0$$

ASX04 0321

SBLKLA2465 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKLA246

Data file: /chem/HP09572.i/08sep09.b/ei0424.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 14:50 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.960(0.006)	490	152.0	76222(1)	40.00	
53) Naphthalene-d8	6.055(0.006)	673	136.0	351708(3)	40.00	
98) Acenaphthene-d10	7.521(0.006)	918	164.0	215703(0)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	433206(11)	40.00	
168) Chrysene-d12	10.990(0.006)	1498	240.0	429243(0)	40.00	
176) Perylene-d12	12.606(0.000)	1768	264.0	331529(-5)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.806(-0.002)	112	592466	162.041	81%		38 - 124
15) Phenol-d6	(1)	4.661(-0.001)	99	917599	162.749	81%		41 - 120
38) Nitrobenzene-d5	(2)	5.445(0.000)	82	452425	86.001	86%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(-0.001)	172	658892	88.398	88%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(-0.001)	330	212322	179.138	90%		34 - 138
157) Terphenyl-d14	(5)	10.057(-0.001)	244	809378	80.950	81%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)			Below MDL,	Do not report				1.00
19) 2-Chlorophenol	(1)			Below MDL,	Do not report				1.00
20) 1,3-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
22) 1,4-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
25) 1,2-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			ND		ND			1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)			Below MDL,	Do not report				1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
43) 2-Nitrophenol	(2)			Below MDL,	Do not report				1.00
45) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				2.00
47) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
50) 2,4-Dichlorophenol	(2)			Below MDL,	Do not report				1.00
51) 1,2,4-Trichlorobenzene	(2)			ND		ND			1.00
54) Naphthalene	(2)			Below MDL,	Do not report				1.00
56) 4-Chloroaniline	(2)			ND		ND			2.00
60) Hexachlorobutadiene	(2)			ND		ND			2.00
68) 4-Chloro-3-methylphenol	(2)			Below MDL,	Do not report				2.00
70) 2-Methylnaphthalene	(2)			Below MDL,	Do not report				1.00

ASX84 B382

SBLKLA2465

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

SBLKLA246

Data file: /chem/HP09572.i/08sep09.b/ei0424.d Blank Data file reference:**/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 14:50 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **246SLA**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
71) 1-Methylnaphthalene	(2)					Below MDL, Do not report				1.00
72) Hexachlorocyclopentadiene	(3)					Below MDL, Do not report				5.00
75) 2,4,6-Trichlorophenol	(3)					Below MDL, Do not report				1.00
77) 2,4,5-Trichlorophenol	(3)					Below MDL, Do not report				2.00
84) 2-Chloronaphthalene	(3)					Below MDL, Do not report				1.00
89) 2-Nitroaniline	(3)					Below MDL, Do not report				1.00
92) Dimethylphthalate	(3)					Below MDL, Do not report				2.00
94) 2,6-Dinitrotoluene	(3)					Below MDL, Do not report				1.00
95) Acenaphthylene	(3)					Below MDL, Do not report				1.00
97) 3-Nitroaniline	(3)					Below MDL, Do not report				2.00
99) Acenaphthene	(3)					Below MDL, Do not report				1.00
100) 2,4-Dinitrophenol	(3)					ND	ND			20.00
103) 4-Nitrophenol	(3)					Below MDL, Do not report				5.00
104) Dibenzofuran	(3)					Below MDL, Do not report				1.00
105) 2,4-Dinitrotoluene	(3)					ND	ND			2.00
109) Diethylphthalate	(3)					Below MDL, Do not report				2.00
111) Fluorene	(3)					Below MDL, Do not report				1.00
112) 4-Chlorophenyl-phenylether	(3)					ND	ND			1.00
114) 4-Nitroaniline	(3)					Below MDL, Do not report				2.00
115) 4,6-Dinitro-2-methylphenol	(4)					Below MDL, Do not report				5.00
117) N-Nitrosodiphenylamine	(4)					ND	ND			1.00
126) 4-Bromophenyl-phenylether	(4)					Below MDL, Do not report				1.00
128) Hexachlorobenzene	(4)					ND	ND			1.00
132) Pentachlorophenol	(4)					Below MDL, Do not report				5.00
138) Phenanthrene	(4)					Below MDL, Do not report				1.00
139) Anthracene	(4)					Below MDL, Do not report				1.00
141) Carbazole	(4)					Below MDL, Do not report				1.00
143) Di-n-butylphthalate	(4)					Below MDL, Do not report				2.00
148) Fluoranthene	(4)					Below MDL, Do not report				1.00
155) Pyrene	(5)					Below MDL, Do not report				1.00
162) Butylbenzylphthalate	(5)					Below MDL, Do not report				2.00
165) 3,3'-Dichlorobenzidine	(5)					Below MDL, Do not report				3.00
167) Benzo(a)anthracene	(5)					Below MDL, Do not report				1.00
169) Chrysene	(5)					Below MDL, Do not report				1.00
170) bis(2-Ethylhexyl)phthalate	(5)					Below MDL, Do not report				2.00
171) Di-n-octylphthalate	(6)					Below MDL, Do not report				2.00
173) Benzo(b)fluoranthene	(6)					Below MDL, Do not report				1.00
174) Benzo(k)fluoranthene	(6)					Below MDL, Do not report				1.00
175) Benzo(a)pyrene	(6)					Below MDL, Do not report				1.00
180) Indeno(1,2,3-cd)pyrene	(6)					Below MDL, Do not report				1.00
181) Dibenz(a,h)anthracene	(6)					Below MDL, Do not report				1.00

ASX04 0383

SBLKLA2465 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles SBLKLA246

Data file: /chem/HP09572.i/08sep09.b/ei0424.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 14:50 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)					Below MDL, Do not report				1.00

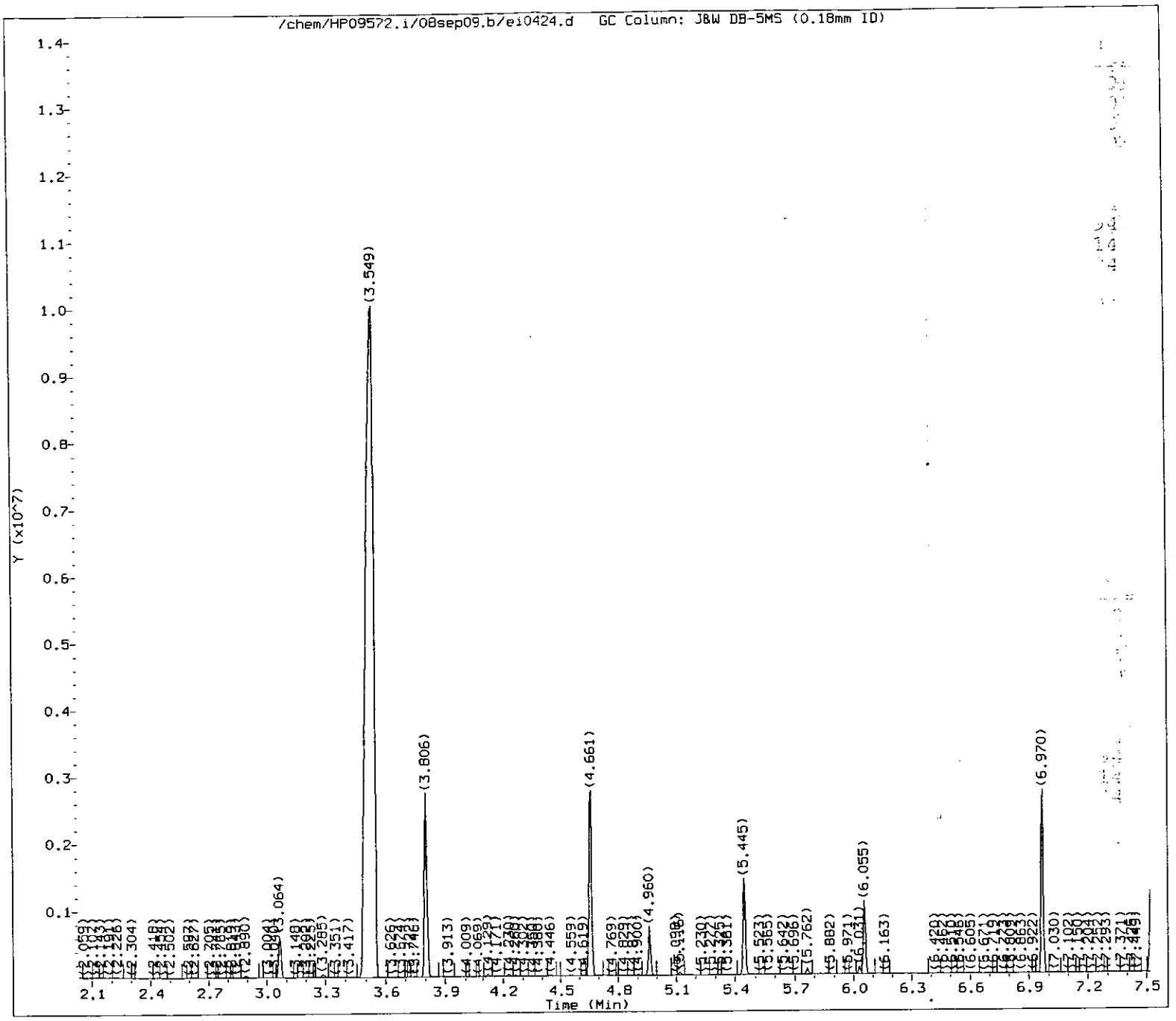
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 65

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX04 0384



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 14:50

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: 246SLA

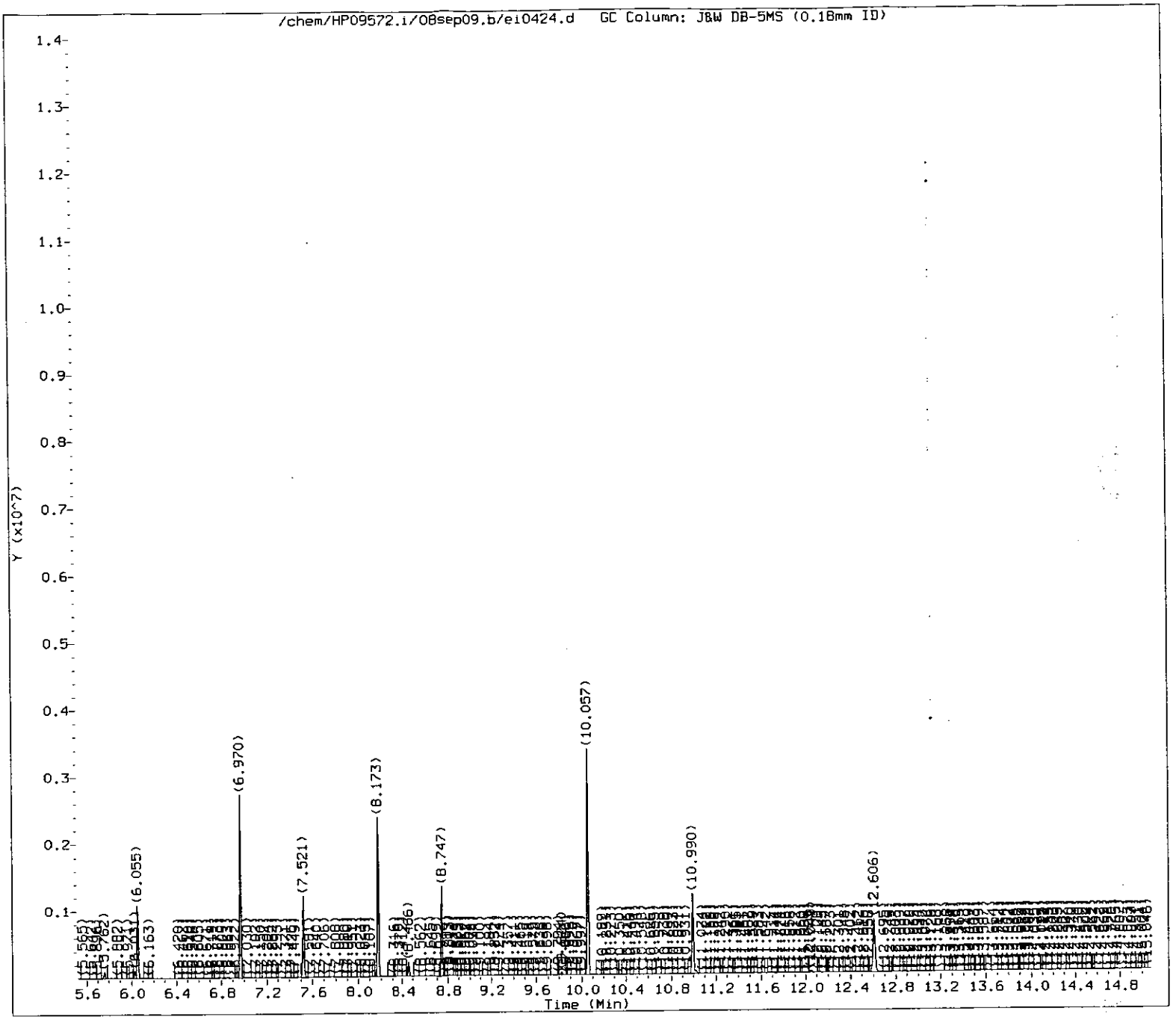
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Sample Name: SBLKLA2465

Lab Sample ID: SBLKLA246

ASX04 0385

lmh198 09/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 14:50

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Sublist used: 246SLA

Sample Name: SBLKLA2465

Lab Sample ID: SBLKLA246

ASK04 0386

mn1986 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0424.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 14:50 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:05 lmh00956

Sample Name: SBLKLA2465 Lab Sample ID: SBLKLA246

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21) 1,4-Dichlorobenzene-d4	(1)	4.960	152	76222	40.0000
53) Naphthalene-d8	(2)	6.055	136	351708	40.0000
98) Acenaphthene-d10	(3)	7.521	164	215703	40.0000
136) Phenanthrene-d10	(4)	8.747	188	433206	40.0000
168) Chrysene-d12	(5)	10.990	240	429243	40.0000
176) Perylene-d12	(6)	12.606	264	331529	40.0000
9) 2-Fluorophenol	(1)	3.806	112	592466	162.0414
15) Phenol-d6	(1)	4.661	99	917599	162.7494
38) Nitrobenzene-d5	(2)	5.445	82	452425	86.0014
78) 2-Fluorobiphenyl	(3)	6.970	172	658892	88.3984
119) 2,4,6-Tribromophenol	(3)	8.179	330	212322	179.1383
157) Terphenyl-d14	(5)	10.057	244	809378	80.9501

M = Compound was manually integrated. A = User selected an alternate hit

AMS33

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454445

Data file: /chem/HP09572.i/08sep09.b/ei0432.d
Blank Data file reference: /chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 17:58
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	79687(6)	40.00	
53) Naphthalene-d8	6.055(0.006)	673	136.0	384110(12)	40.00	
98) Acenaphthene-d10	7.521(0.006)	918	164.0	224837(4)	40.00	
136) Phenanthrene-d10	8.741(0.006)	1122	188.0	388004(-1)	40.00	
168) Chrysene-d12	10.991(0.006)	1498	240.0	326664(-24)	40.00	
176) Perylene-d12	12.606(0.000)	1768	264.0	283718(-19)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.806(-0.001)	112	646016	169.005	85%		38 - 124
15) Phenol-d6	(1)	4.661(0.000)	99	1017834	172.678	86%		41 - 120
38) Nitrobenzene-d5	(2)	5.445(0.000)	82	502836	87.521	88%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(-0.001)	172	712728	91.737	92%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.173(0.000)	330	207965	168.334	84%		34 - 138
157) Terphenyl-d14	(5)	10.057(-0.001)	244	686197	90.181	90%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)			Below MDL,	Do not report				1.00
18) bis(2-Chloroethyl)ether	(1)			Below MDL,	Do not report				1.00
19) 2-Chlorophenol	(1)				ND	ND			1.00
20) 1,3-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
22) 1,4-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
25) 1,2-Dichlorobenzene	(1)			Below MDL,	Do not report				1.00
26) 2-Methylphenol	(1)			Below MDL,	Do not report				2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)			Below MDL,	Do not report				1.00
31) N-Nitroso-di-n-propylamine	(1)			Below MDL,	Do not report				1.00
33) 4-Methylphenol	(1)			Below MDL,	Do not report				2.00
37) Hexachloroethane	(1)			Below MDL,	Do not report				1.00
39) Nitrobenzene	(2)			Below MDL,	Do not report				1.00
41) Isophorone	(2)			Below MDL,	Do not report				1.00
43) 2-Nitrophenol	(2)			Below MDL,	Do not report				1.00
45) 2,4-Dimethylphenol	(2)			Below MDL,	Do not report				2.00
47) bis(2-Chloroethoxy)methane	(2)			Below MDL,	Do not report				1.00
50) 2,4-Dichlorophenol	(2)			Below MDL,	Do not report				1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(-0.001)	180	3893	1.378	45.94			1.00
54) Naphthalene	(2)			Below MDL,	Do not report				1.00
56) 4-Chloroaniline	(2)			Below MDL,	Do not report				2.00
60) Hexachlorobutadiene	(2)				ND	ND			2.00
68) 4-Chloro-3-methylphenol	(2)			Below MDL,	Do not report				2.00
70) 2-Methylnaphthalene	(2)			Below MDL,	Do not report				1.00

ASX04 8008

AMS33

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454445

Data file: /chem/HP09572.i/08sep09.b/ei0432.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 17:58
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
72) Hexachlorocyclopentadiene	(3)				ND	ND			5.00
75) 2,4,6-Trichlorophenol	(3)			Below MDL,	Do not report				1.00
77) 2,4,5-Trichlorophenol	(3)			Below MDL,	Do not report				2.00
84) 2-Chloronaphthalene	(3)			Below MDL,	Do not report				1.00
89) 2-Nitroaniline	(3)			Below MDL,	Do not report				1.00
92) Dimethylphthalate	(3)			Below MDL,	Do not report				2.00
94) 2,6-Dinitrotoluene	(3)			Below MDL,	Do not report				1.00
95) Acenaphthylene	(3)	7.407(0.000)	152	17131	1.652	55.06			1.00
97) 3-Nitroaniline	(3)			Below MDL,	Do not report				2.00
99) Acenaphthene	(3)			Below MDL,	Do not report				1.00
100) 2,4-Dinitrophenol	(3)			Below MDL,	Do not report				20.00
103) 4-Nitrophenol	(3)			Below MDL,	Do not report				5.00
104) Dibenzofuran	(3)			Below MDL,	Do not report				1.00
105) 2,4-Dinitrotoluene	(3)			Below MDL,	Do not report				2.00
109) Diethylphthalate	(3)			Below MDL,	Do not report				2.00
111) Fluorene	(3)			Below MDL,	Do not report				1.00
112) 4-Chlorophenyl-phenylether	(3)			Below MDL,	Do not report				1.00
114) 4-Nitroaniline	(3)			Below MDL,	Do not report				2.00
115) 4,6-Dinitro-2-methylphenol	(4)			Below MDL,	Do not report				5.00
117) N-Nitrosodiphenylamine	(4)			Below MDL,	Do not report				1.00
126) 4-Bromophenyl-phenylether	(4)				ND	ND			1.00
128) Hexachlorobenzene	(4)				ND	ND			1.00
132) Pentachlorophenol	(4)			Below MDL,	Do not report				5.00
138) Phenanthrene	(4)	8.759(0.001)	178	28752	2.819	93.96			1.00
139) Anthracene	(4)	8.807(0.000)	178	29754	2.733	91.10			1.00
141) Carbazole	(4)			Below MDL,	Do not report				1.00
143) Di-n-butylphthalate	(4)			Below MDL,	Do not report				2.00
148) Fluoranthene	(4)	9.734(0.000)	202	70036	5.832	194.40			1.00
155) Pyrene	(5)	9.920(0.001)	202	76981	7.940	264.66			1.00
162) Butylbenzylphthalate	(5)			Below MDL,	Do not report				2.00
165) 3,3'-Dichlorobenzidine	(5)			Below MDL,	Do not report				3.00
167) Benzo(a)anthracene	(5)	10.979(0.001)	228	39291	4.167	138.89			1.00
169) Chrysene	(5)	11.014(0.001)	228	64292	7.145	238.17			1.00
170) bis(2-Ethylhexyl)phthalate	(5)			Below MDL,	Do not report				2.00
171) Di-n-octylphthalate	(6)			Below MDL,	Do not report				2.00
173) Benzo(b)fluoranthene	(6)	12.145(0.001)	252	99662	9.604	320.14			1.00
174) Benzo(k)fluoranthene	(6)	12.175(0.001)	252	31335	2.899	96.63			1.00
175) Benzo(a)pyrene	(6)	12.534(0.001)	252	47487	5.053	168.42			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.916(0.002)	276	47517	4.224	140.79			1.00
181) Dibenz(a,h)anthracene	(6)	13.946(0.002)	278	11618	1.328	44.26			1.00

ASX84 8389

AMS33

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles 5454445

Data file: /chem/HP09572.i/08sep09.b/ei0432.d Blank Data file reference:**/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 17:58 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.245	(0.002)	276	52401	5.528	184.28			1.00

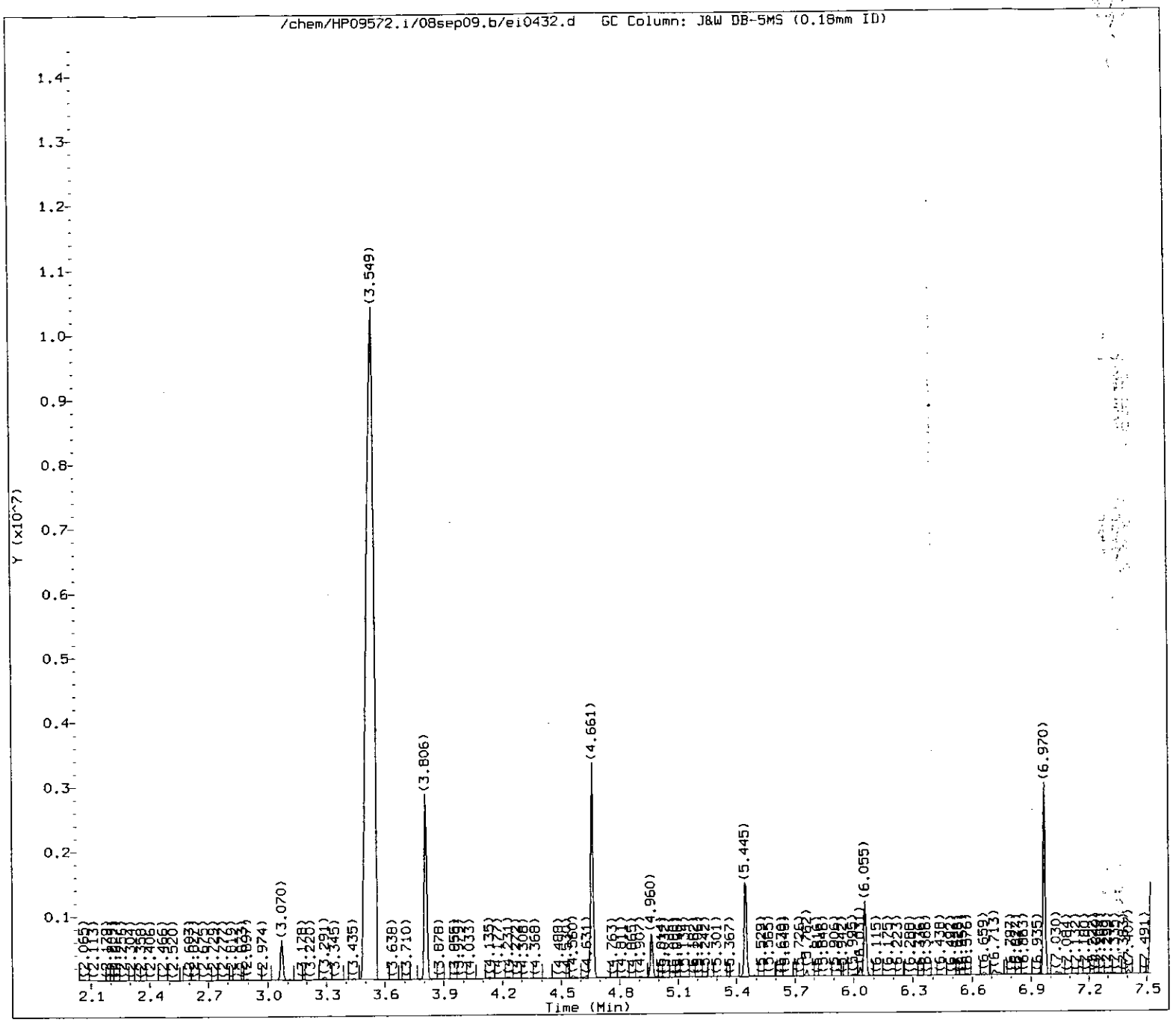
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX84 0390



Quant Report

Target Revision 3.5

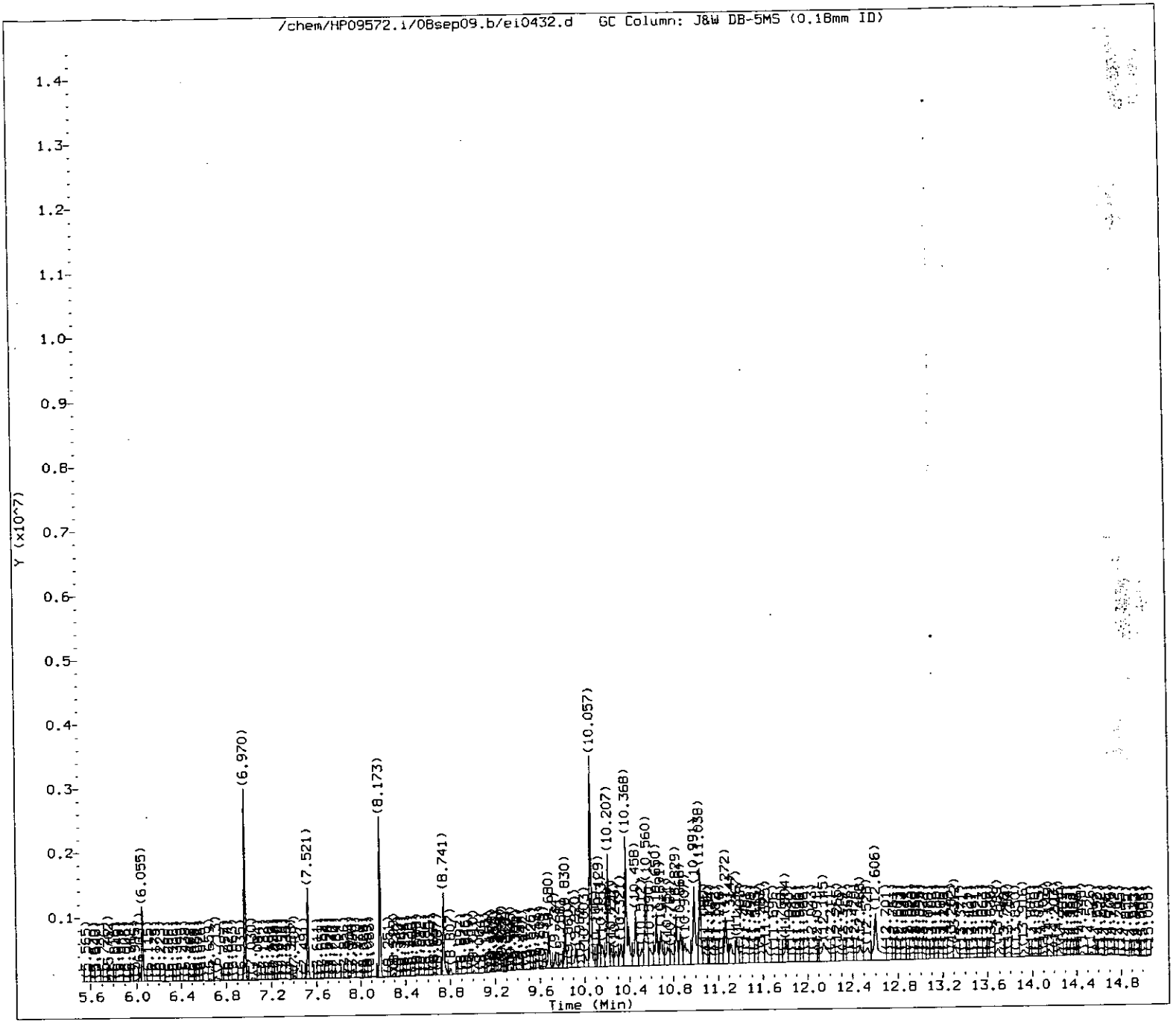
Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

ASX04 8591

LMN196 09/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33

Lab Sample ID: 5454445

6SX04 B392

Lmh 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

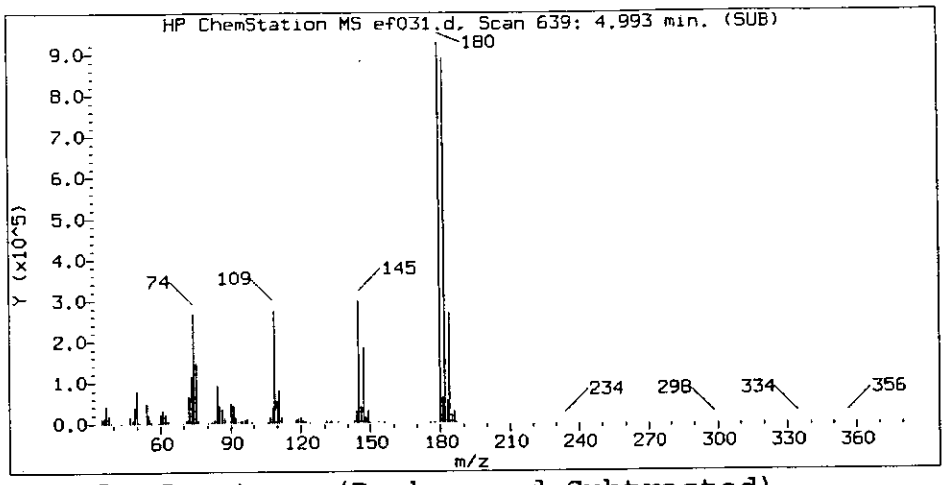
Sample Name: AMS33 Lab Sample ID: 5454445

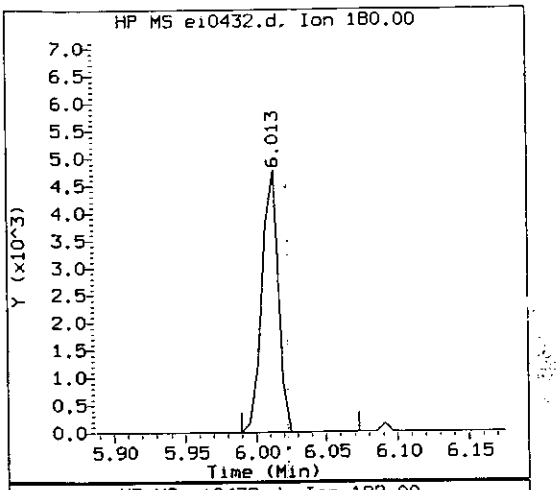
	Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
21)	1,4-Dichlorobenzene-d4	(1)	4.966	152	79687	40.0000
51)	1,2,4-Trichlorobenzene	(2)	6.013	180	3893	1.3781
53)	Naphthalene-d8	(2)	6.055	136	384110	40.0000
95)	Acenaphthylene	(3)	7.407	152	17131M	1.6517
98)	Acenaphthene-d10	(3)	7.521	164	224837	40.0000
136)	Phenanthrene-d10	(4)	8.741	188	388004	40.0000
138)	Phenanthrene	(4)	8.759	178	28752M	2.8189
139)	Anthracene	(4)	8.807	178	29754M	2.7329
148)	Fluoranthene	(4)	9.734	202	70036M	5.8321
155)	Pyrene	(5)	9.920	202	76981	7.9399
167)	Benzo(a)anthracene	(5)	10.979	228	39291	4.1667
168)	Chrysene-d12	(5)	10.991	240	326664	40.0000
169)	Chrysene	(5)	11.014	228	64292M	7.1452
173)	Benzo(b)fluoranthene	(6)	12.145	252	99662M	9.6041
174)	Benzo(k)fluoranthene	(6)	12.175	252	31335M	2.8988
175)	Benzo(a)pyrene	(6)	12.534	252	47487M	5.0526
176)	Perylene-d12	(6)	12.606	264	283718	40.0000
180)	Indeno(1,2,3-cd)pyrene	(6)	13.916	276	47517M	4.2236
181)	Dibenz(a,h)anthracene	(6)	13.946	278	11618M	1.3279
182)	Benzo(g,h,i)perylene	(6)	14.245	276	52401M	5.5285
9)	2-Fluorophenol	(1)	3.806	112	646016	169.0047
15)	Phenol-d6	(1)	4.661	99	1017834	172.6777
38)	Nitrobenzene-d5	(2)	5.445	82	502836	87.5209
78)	2-Fluorobiphenyl	(3)	6.970	172	712728	91.7366
119)	2,4,6-Tribromophenol	(3)	8.173	330	207965	168.3341
157)	Terphenyl-d14	(5)	10.057	244	686197	90.1813

M = Compound was manually integrated. A = User selected an alternate hit

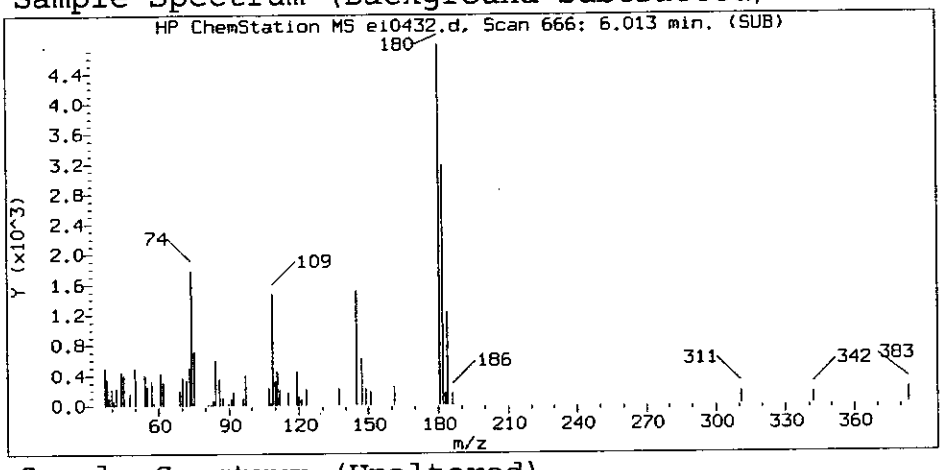
ASX84 0093

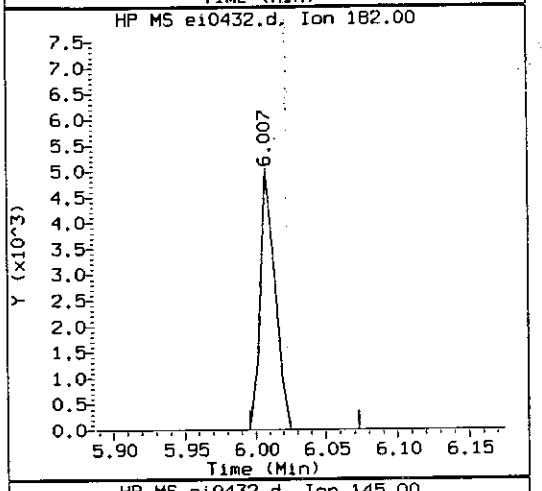
Reference Standard Spectrum for 1,2,4-Trichlorobenzene



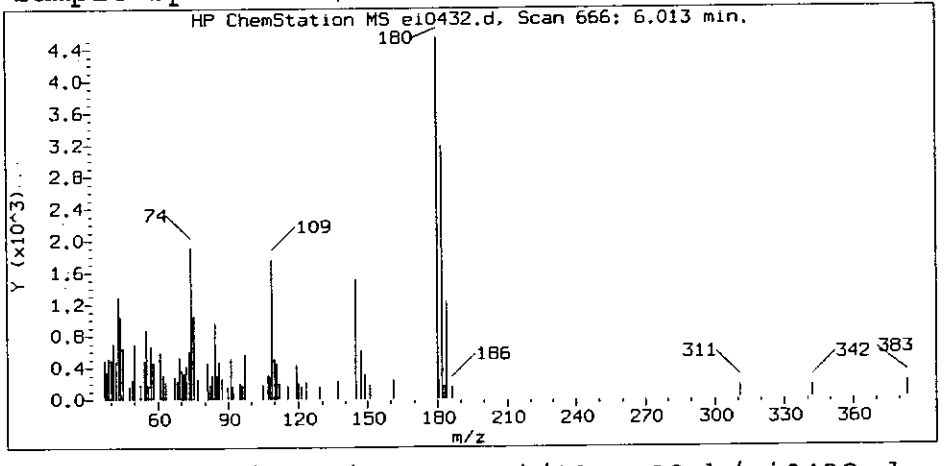


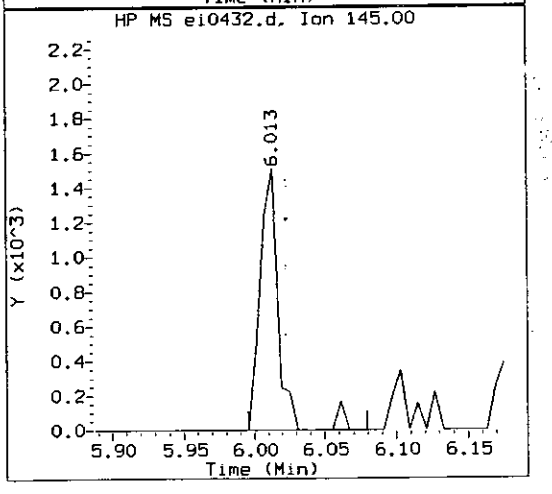
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33

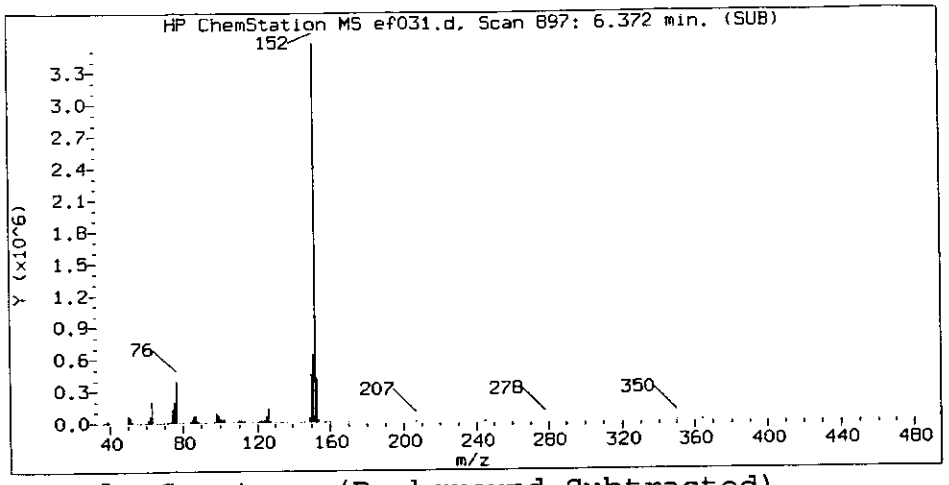
Lab Sample ID: 5454445

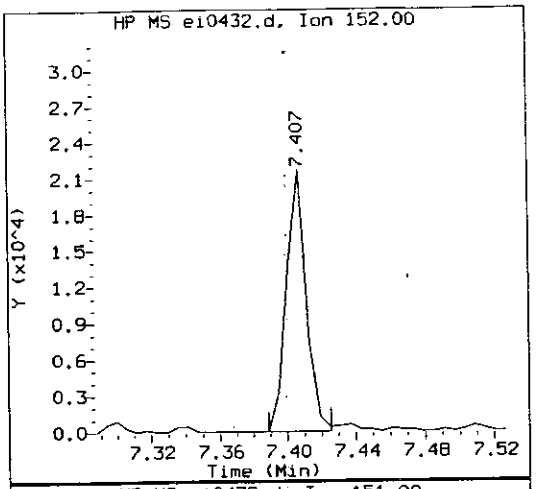
Compound Number : 51
Compound Name : 1,2,4-Trichlorobenzene
Scan Number : 666
Retention Time (minutes): 6.013
Quant Ion : 180.0
Area (flag) : 3893
Concentration (ng/ul) : 1.3781

ASX04 0394

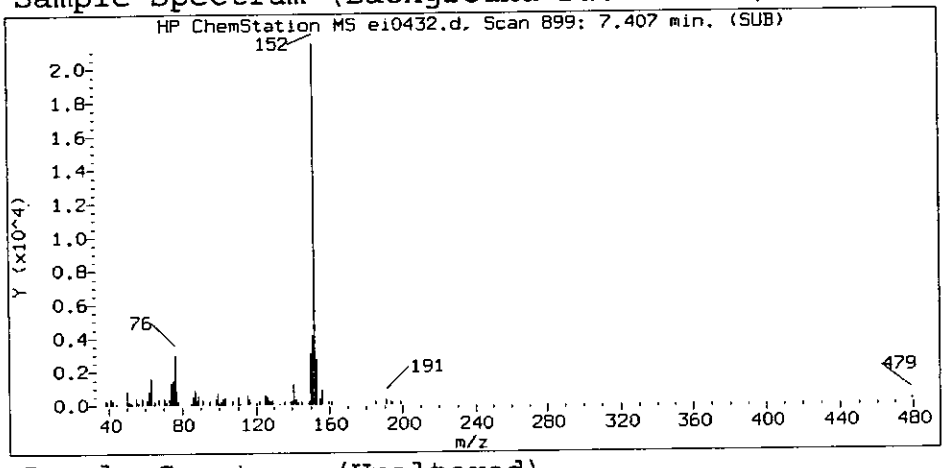
Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

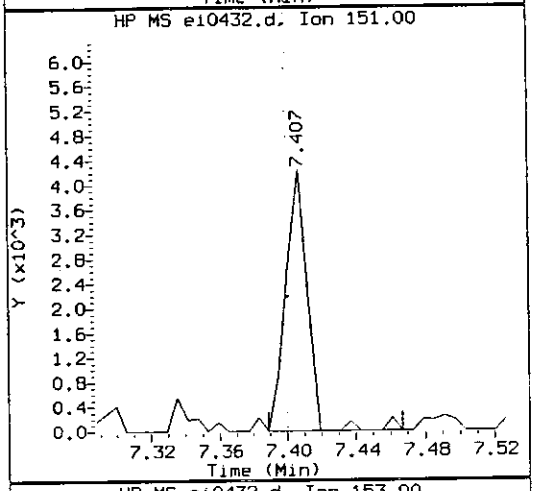
Reference Standard Spectrum for Acenaphthylene



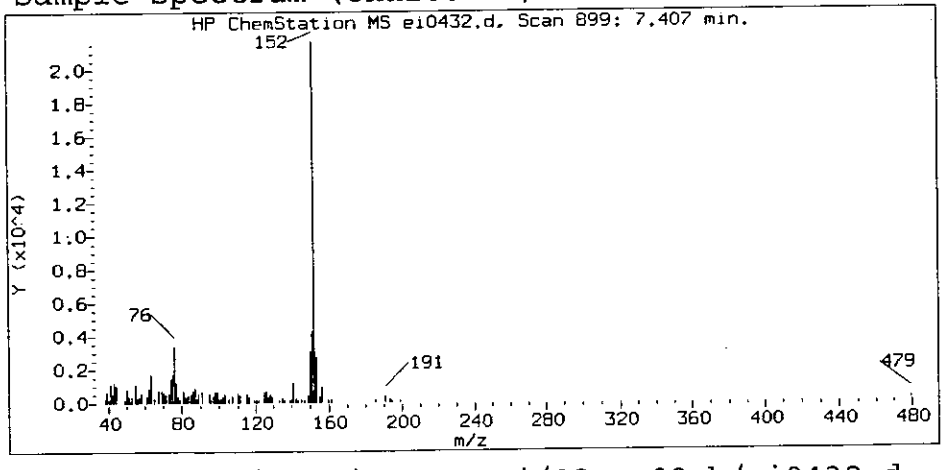


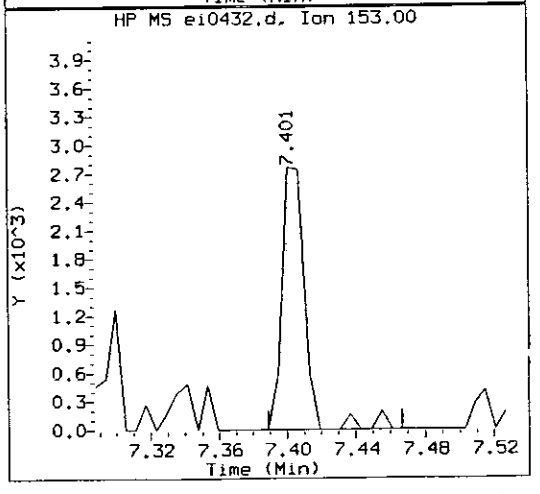
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

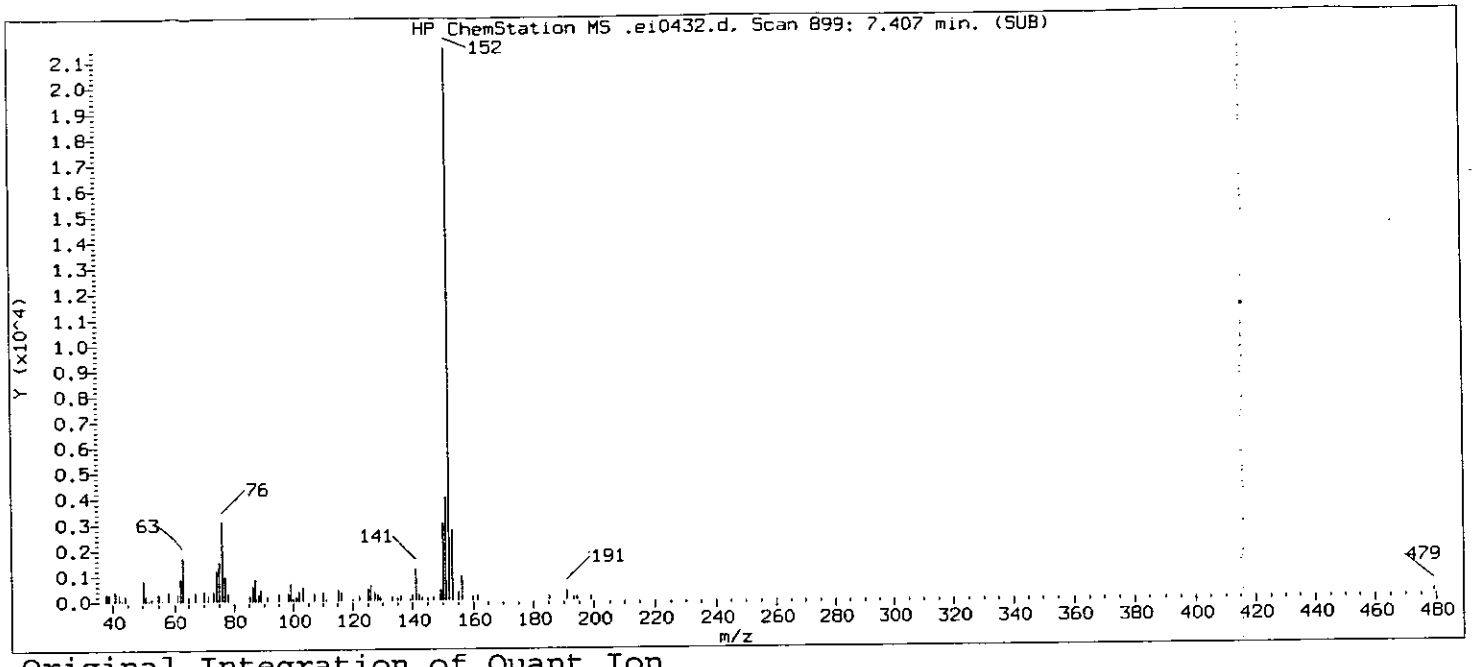
Sample Name: AMS33

Lab Sample ID: 5454445

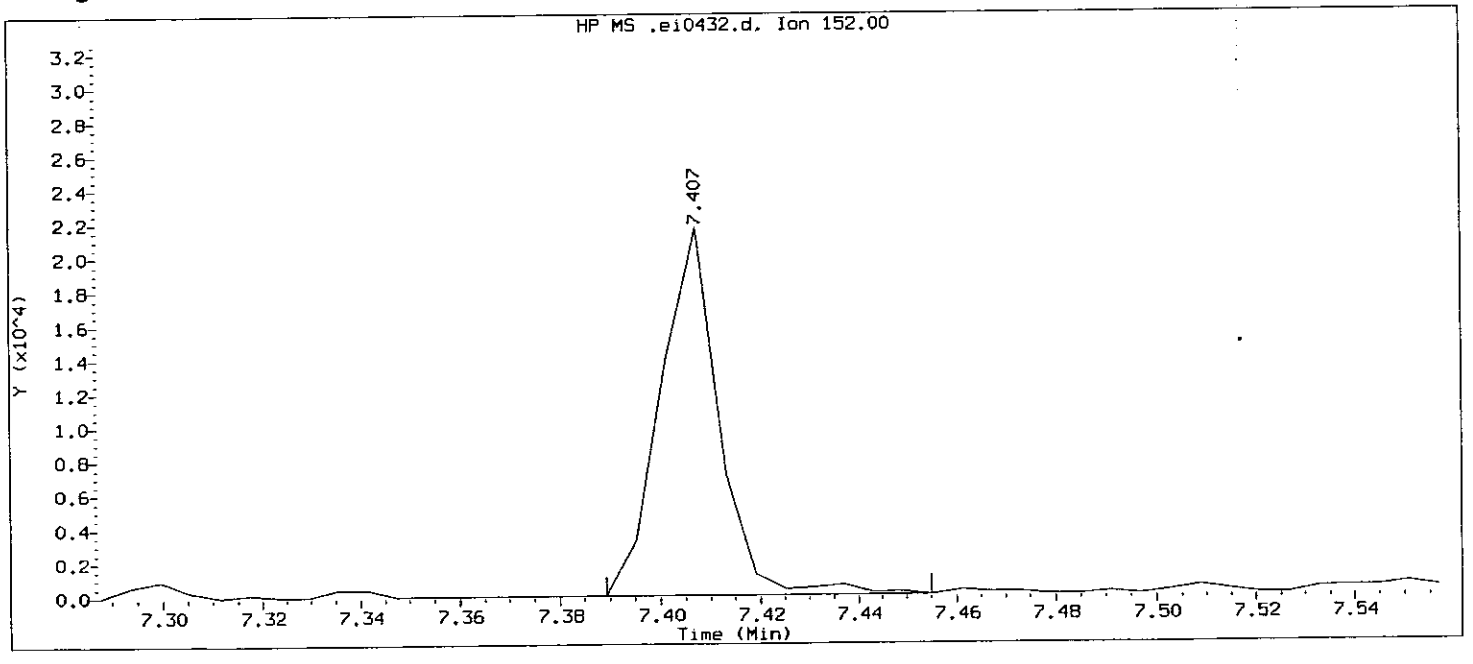
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152.0
Area (flag) : 17131 M
Concentration (ng/ul) : 1.6517

ASX04 0395

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

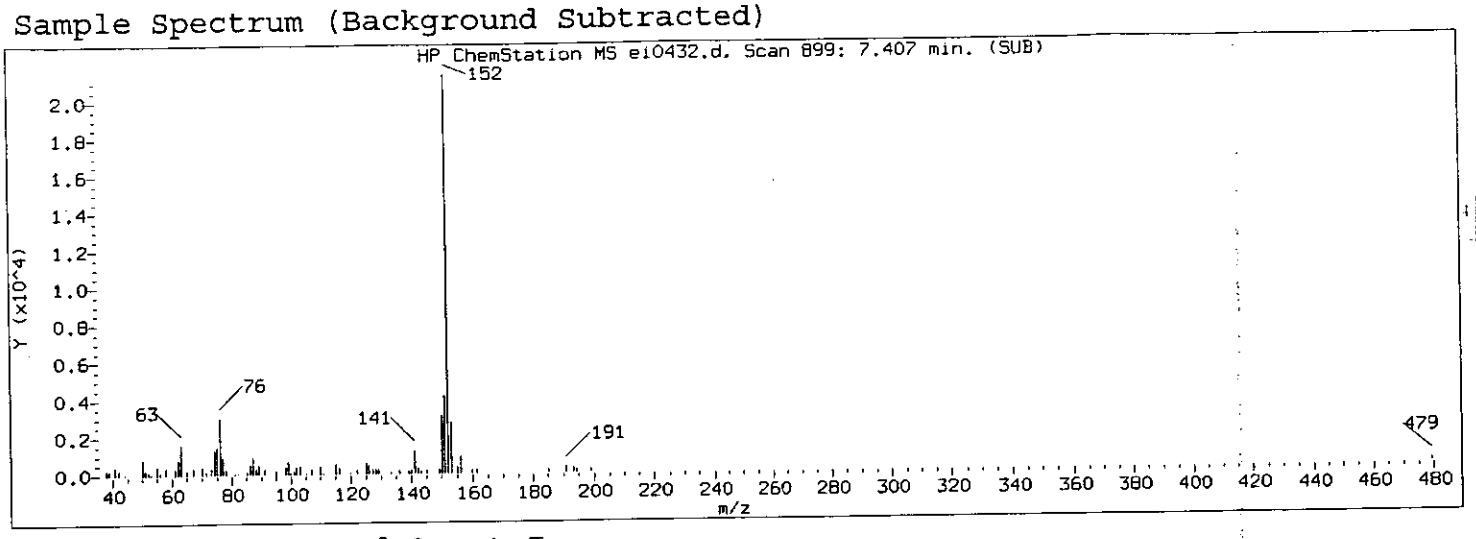
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

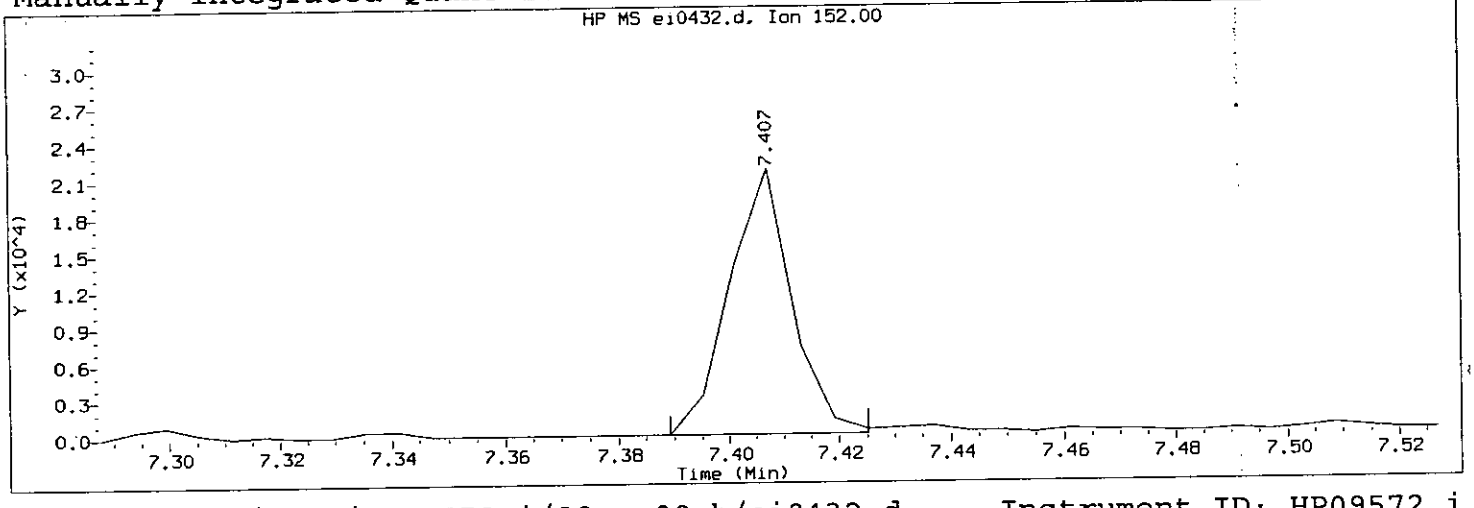
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area : 17629
Concentration (ng/ul) : 1.6998
Integration start scan : 895 Integration stop scan: 906
Y at integration start : 0 Y at integration end: 0

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area (flag) : 17131 M
Concentration (ng/ul) : 1.6517
Integration start scan : 895 Integration stop scan: 901
Y at integration start : 0 Y at integration end: 0

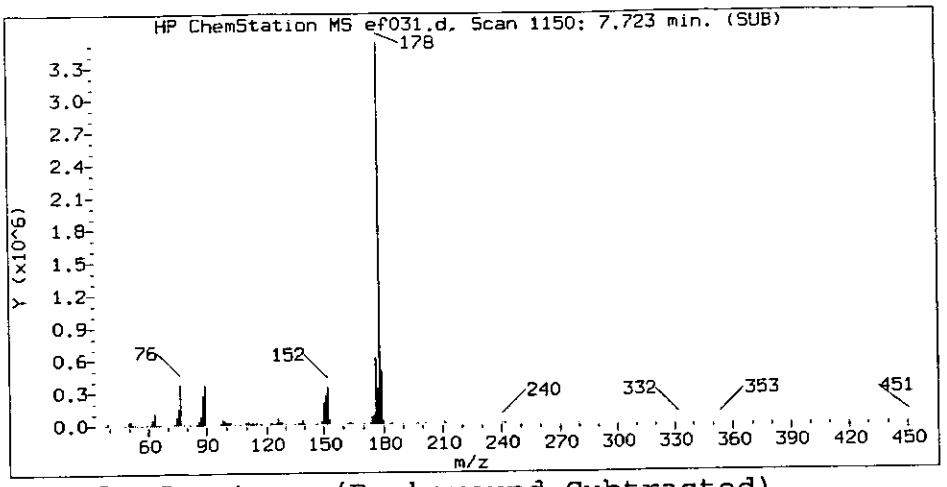
Reason for manual integration (circle one): missed peak improper integration

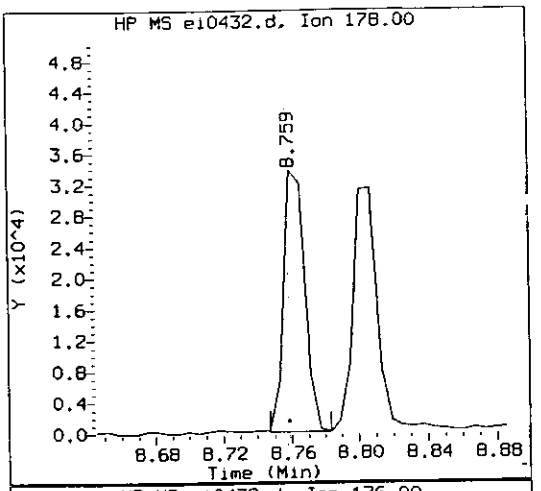
Analyst responsible for change: LMH195 09/09/08

GC/MS audit/management approval: 9/10/08

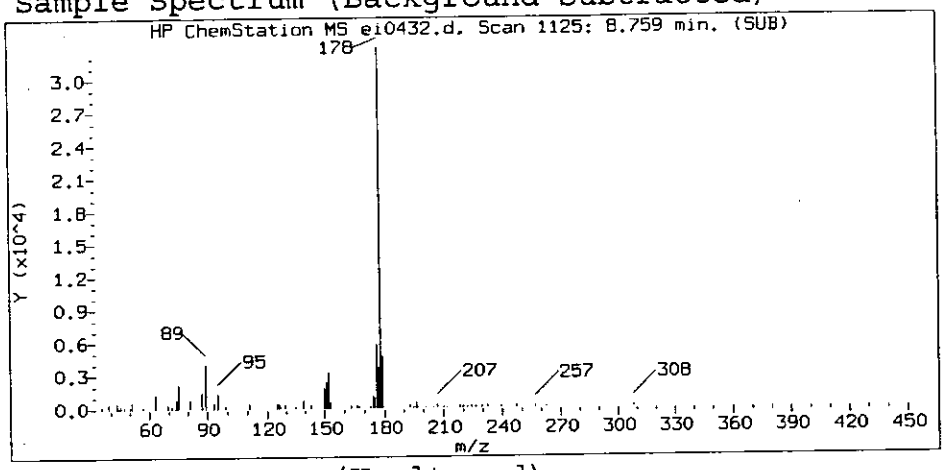
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

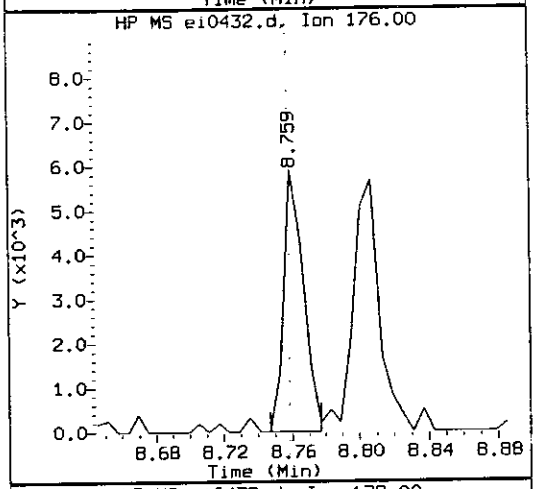
Reference Standard Spectrum for Phenanthrene



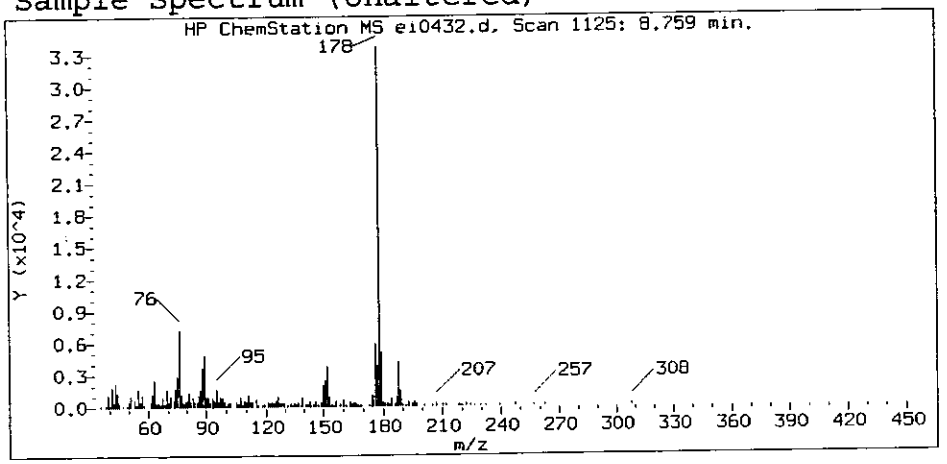


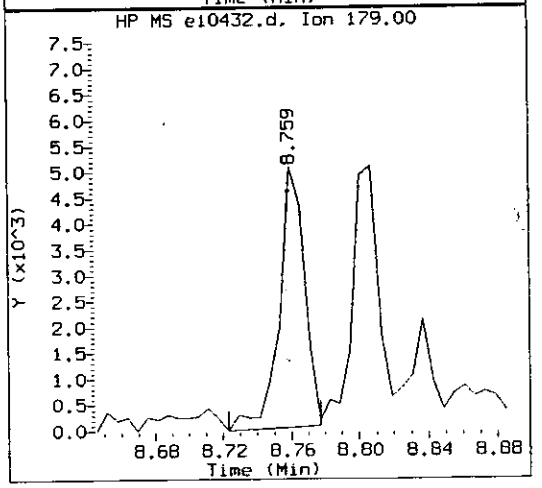
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33

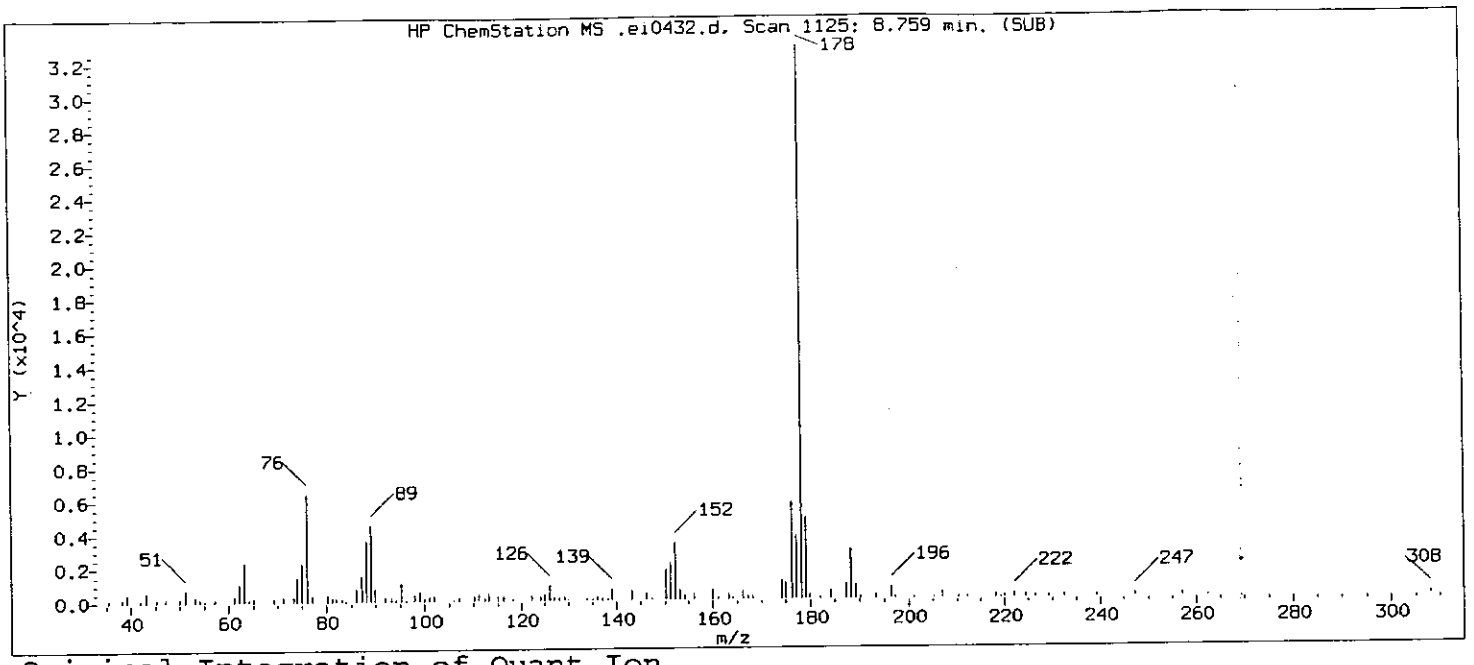
Lab Sample ID: 5454445

Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1125
Retention Time (minutes): 8.759
Quant Ion : 178.0
Area (flag) : 28752 M
Concentration (ng/ul) : 2.8189

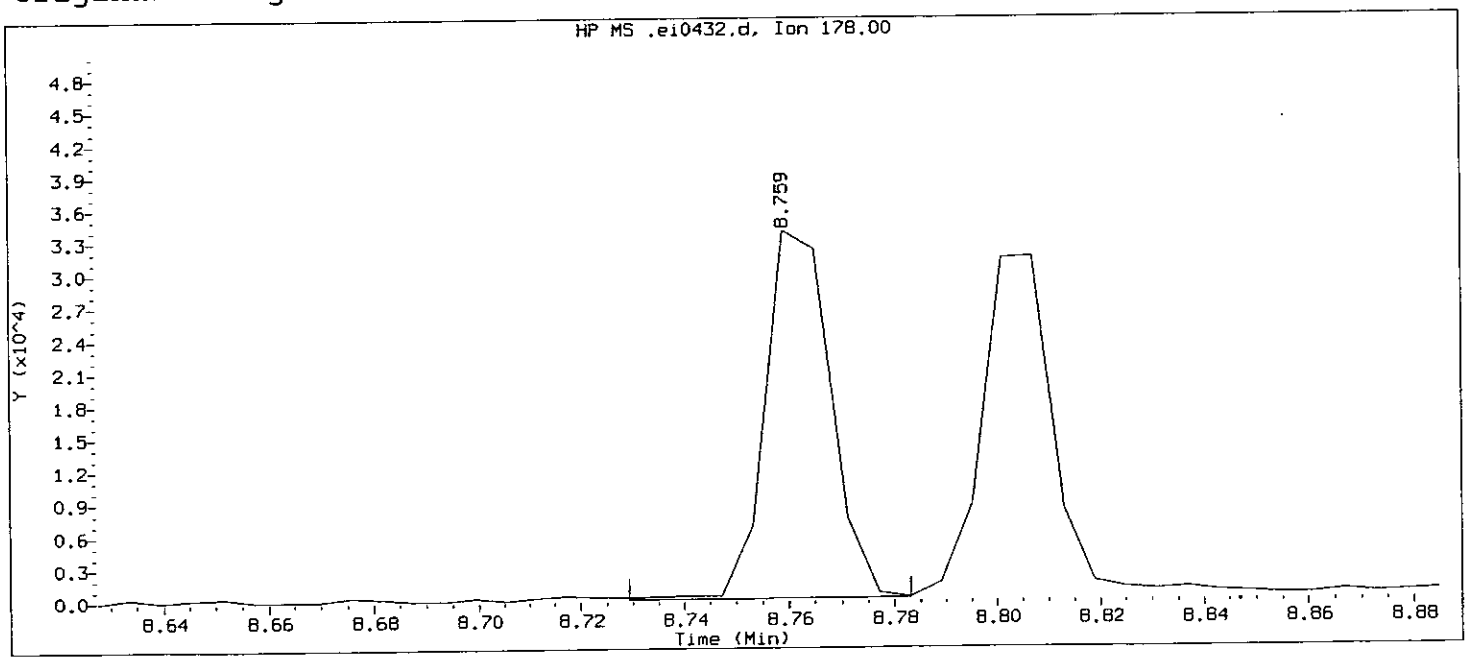
ASX04 0398

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

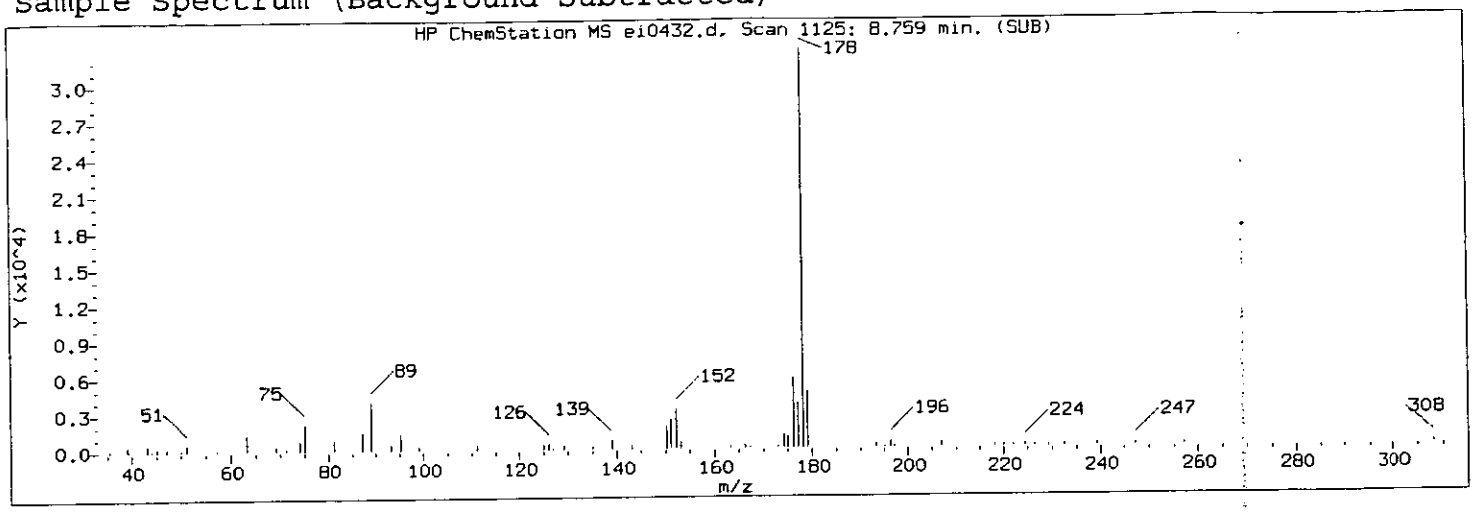
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

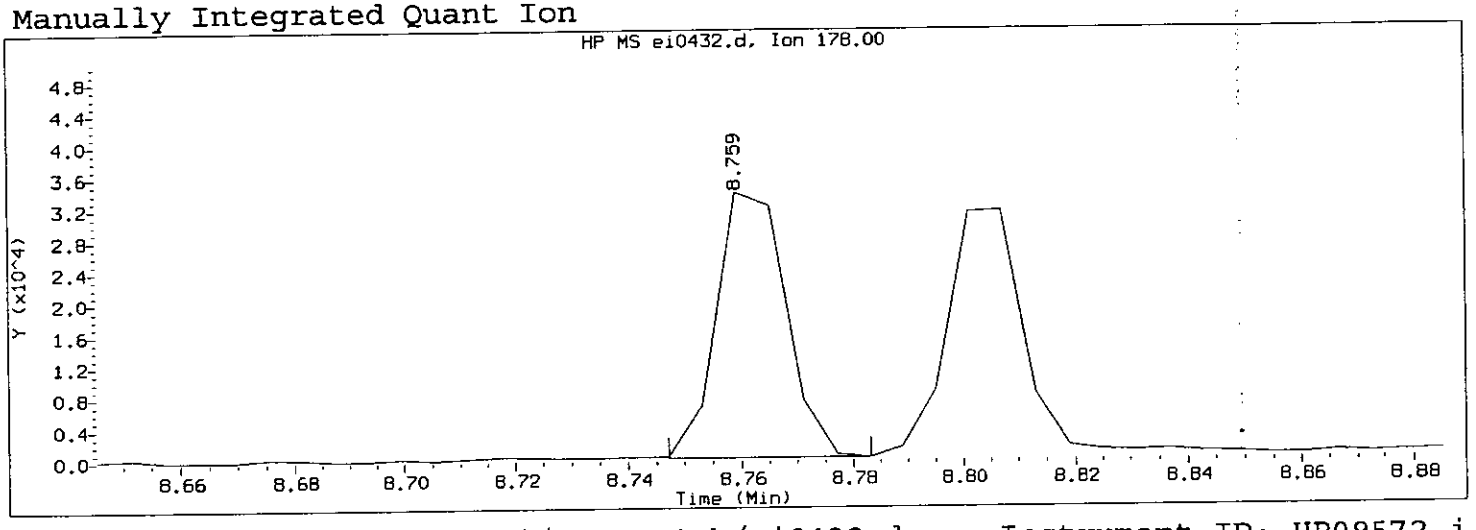
Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1125
Retention Time (minutes): 8.759
Quant Ion : 178
Area : 29102
Concentration (ng/ul) : 2.8533
Integration start scan : 1119 Integration stop scan: 1128
Y at integration start : 55 Y at integration end: 137

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

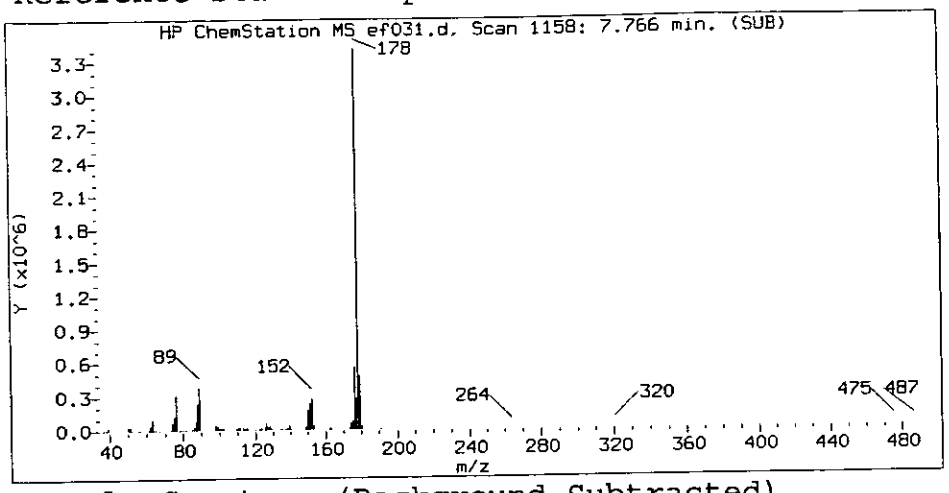
Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1125
Retention Time (minutes): 8.759
Quant Ion : 178
Area (flag) : 28752 M
Concentration (ng/ul) : 2.8189
Integration start scan : 1122 Integration stop scan: 1128
Y at integration start : 176 Y at integration end: 176

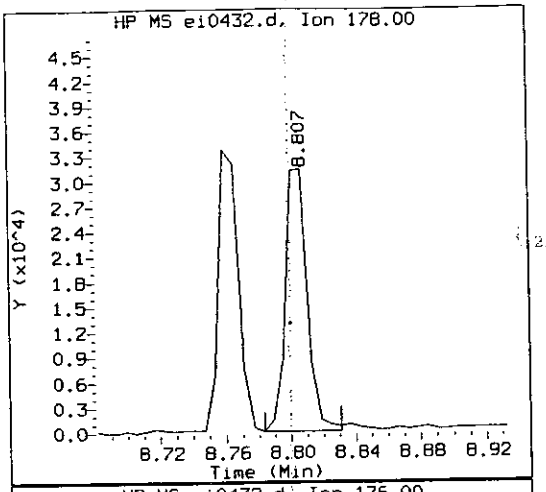
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMN198 09/09/08

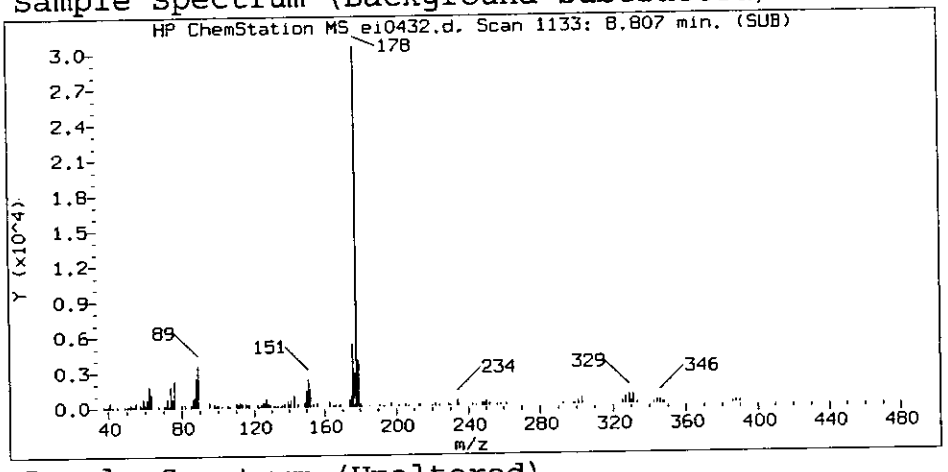
GC/MS audit/management approval: [signature] 9/12/08

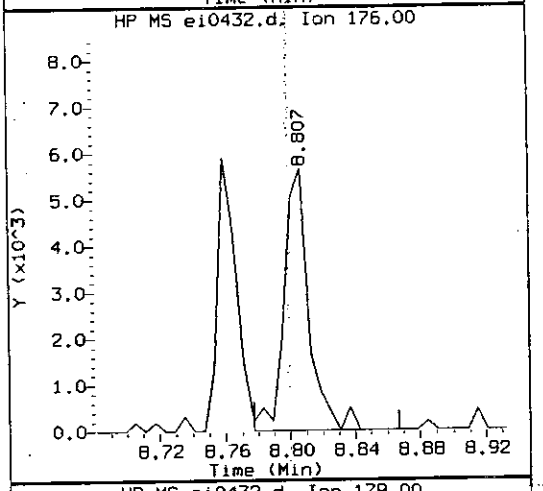
Reference Standard Spectrum for Anthracene



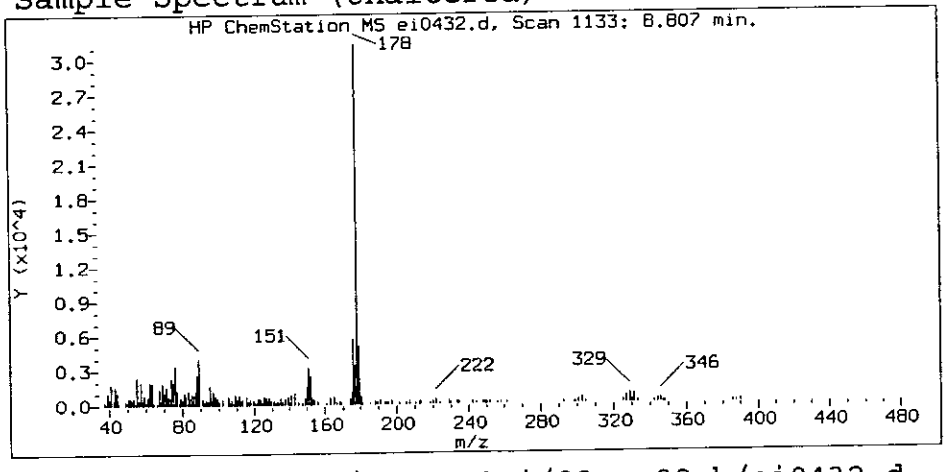


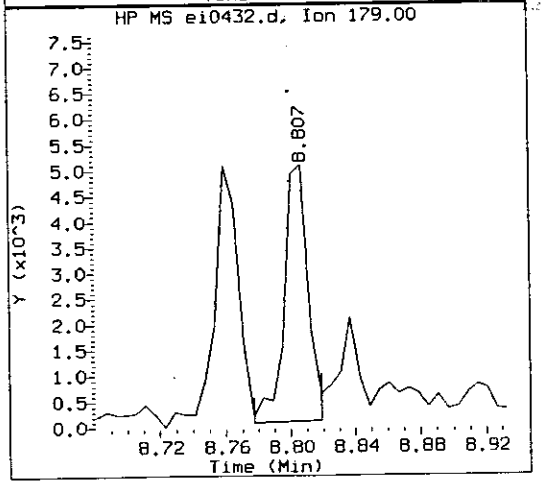
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

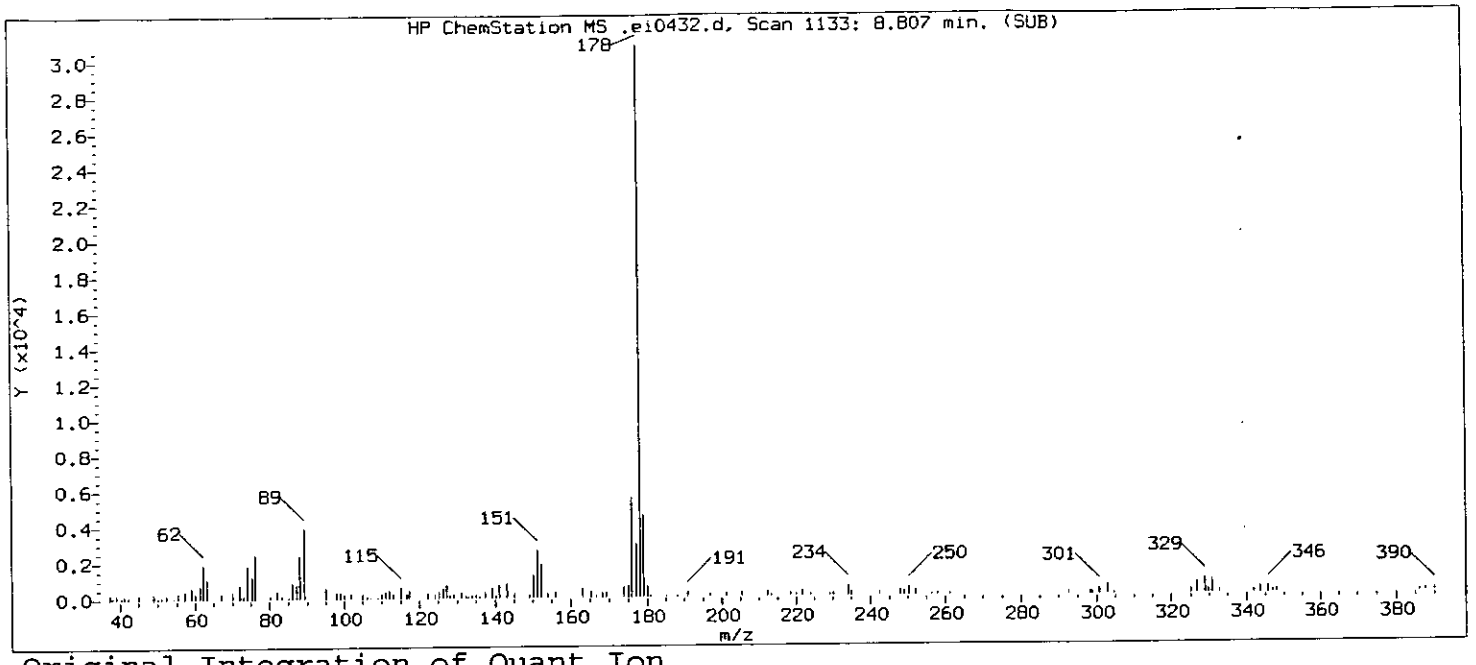
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33

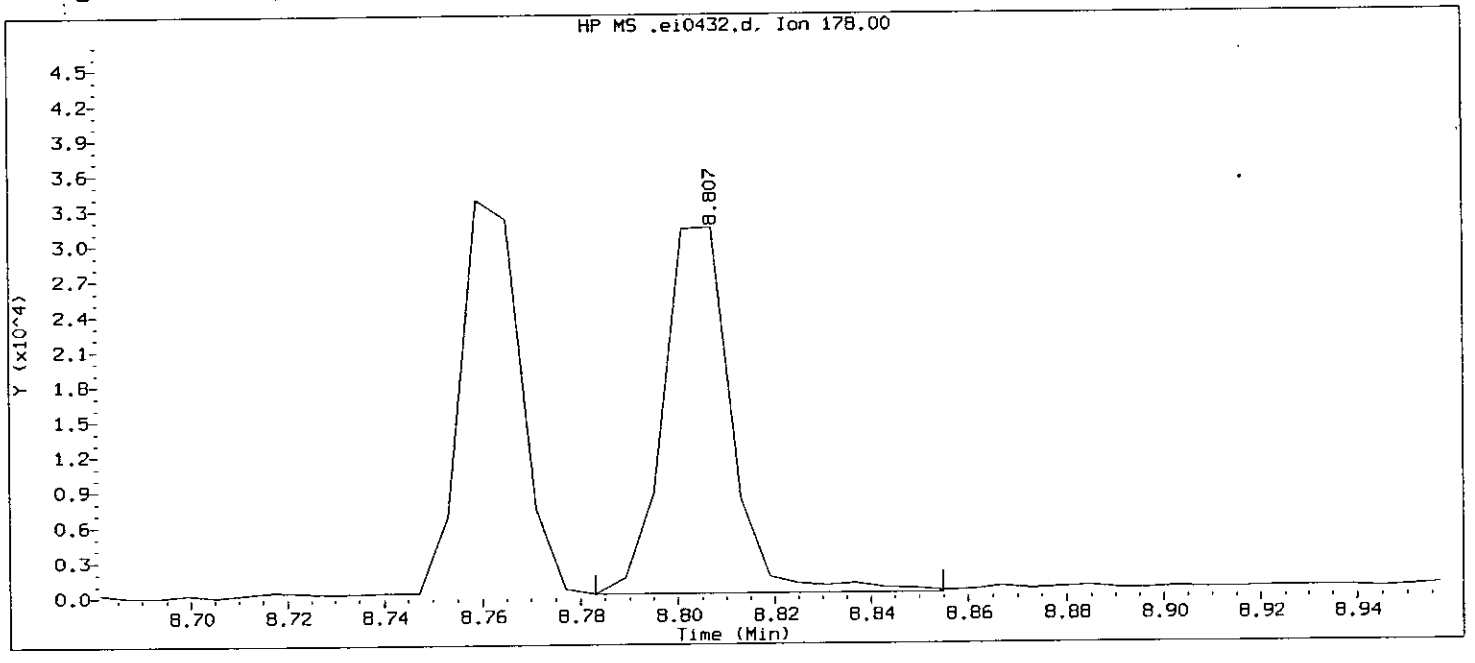
Lab Sample ID: 5454445

Compound Number	: 139
Compound Name	: Anthracene
Scan Number	: 1133
Retention Time (minutes)	: 8.807
Quant Ion	: 178.0
Area (flag)	: 29754 M
Concentration (ng/ul)	: 2.7329

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

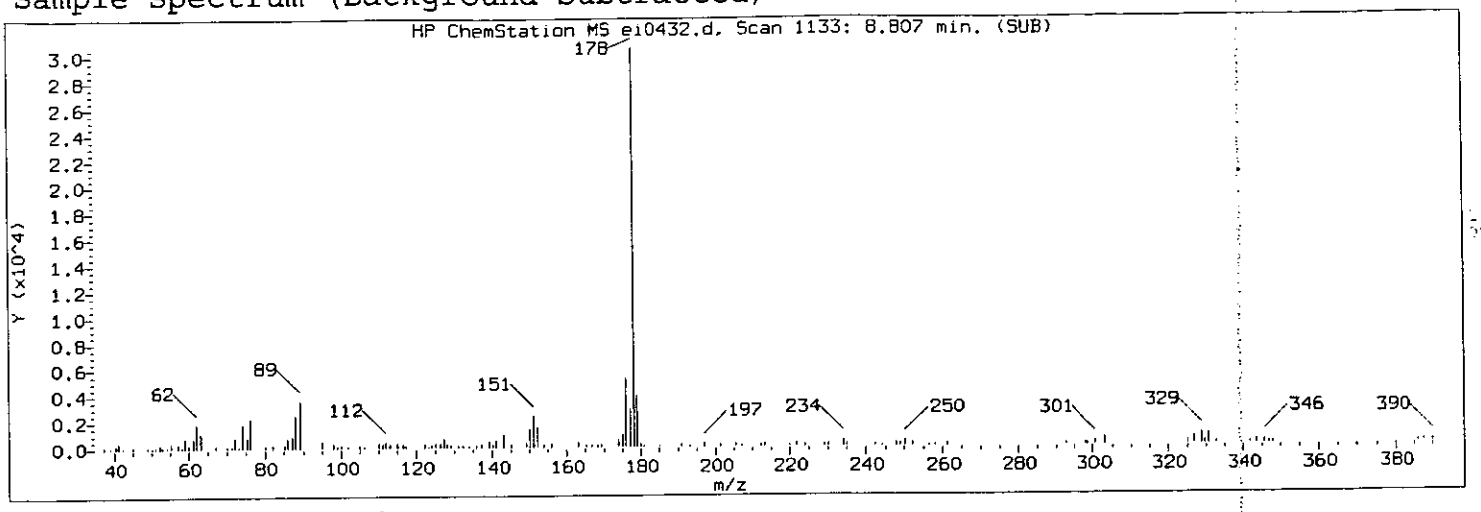
Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area : 30531
Concentration (ng/ul) : 2.8044
Integration start scan : 1128 Integration stop scan: 1140
Y at integration start : 137 Y at integration end: 156

mn198 09/09/08

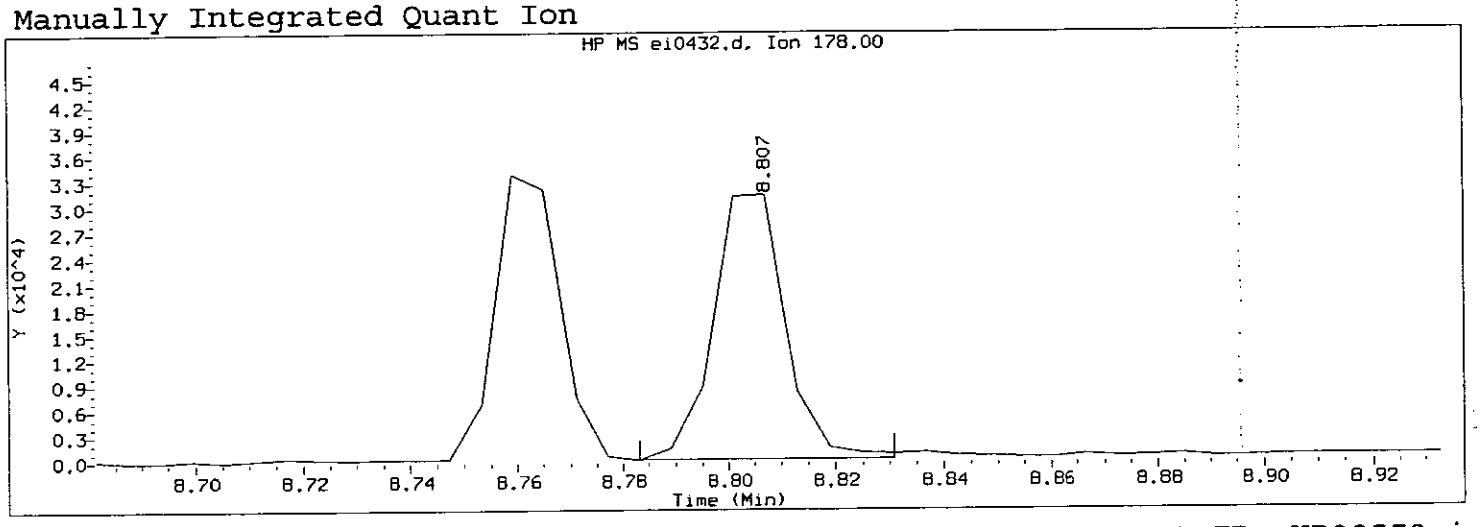
ASX84 0402

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area (flag) : 29754 M
Concentration (ng/ul) : 2.7329
Integration start scan : 1128 Integration stop scan: 1136
Y at integration start : 190 Y at integration end: 190

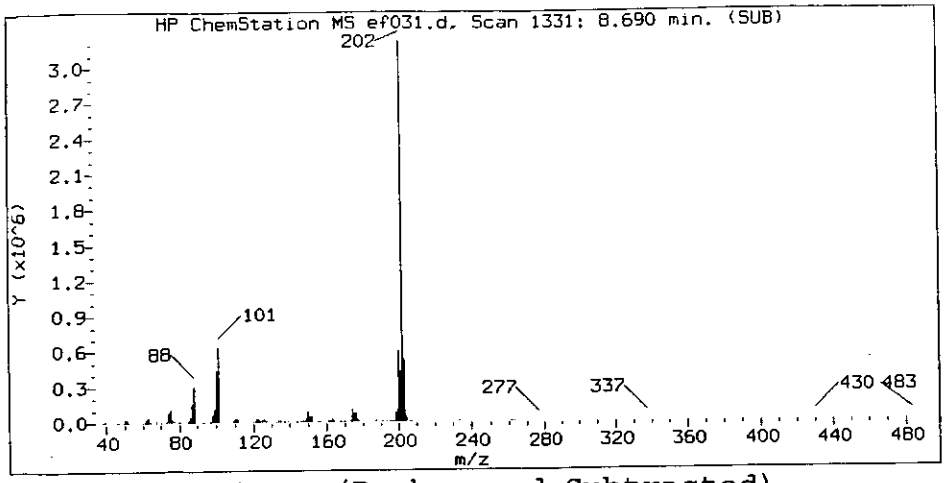
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/09/08

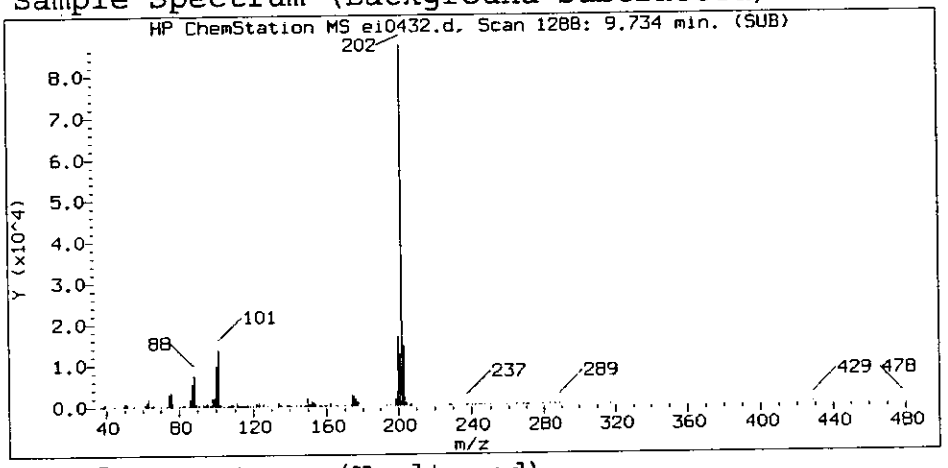
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

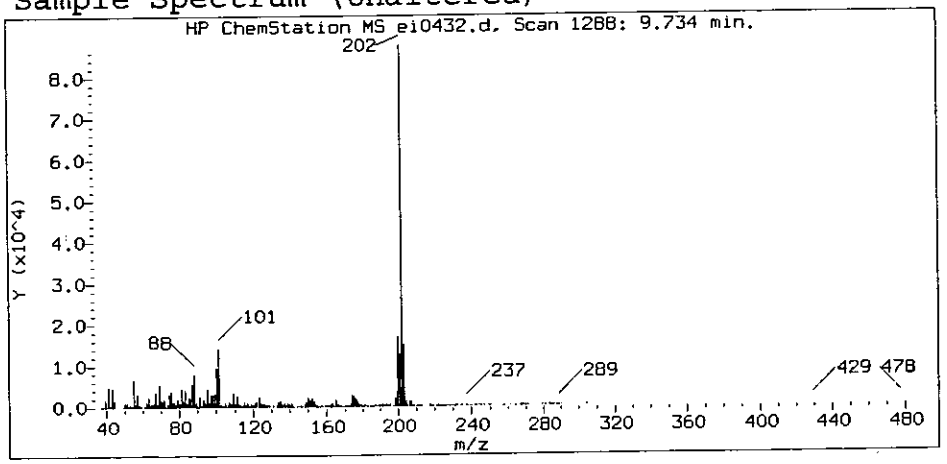
Reference Standard Spectrum for Fluoranthene

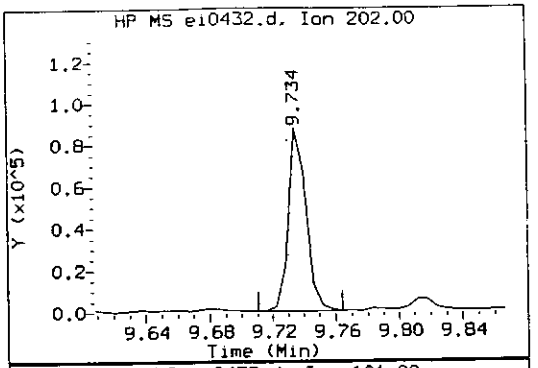


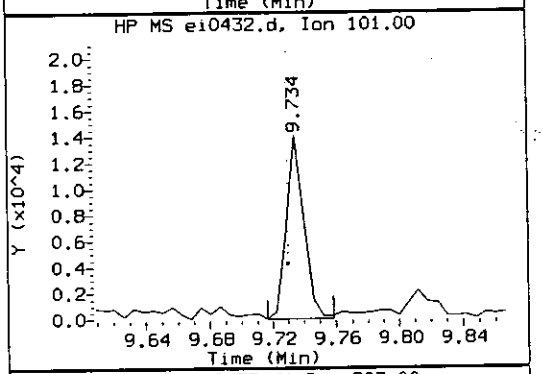
Sample Spectrum (Background Subtracted)

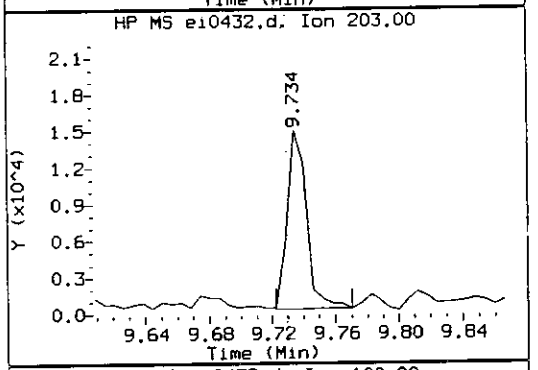


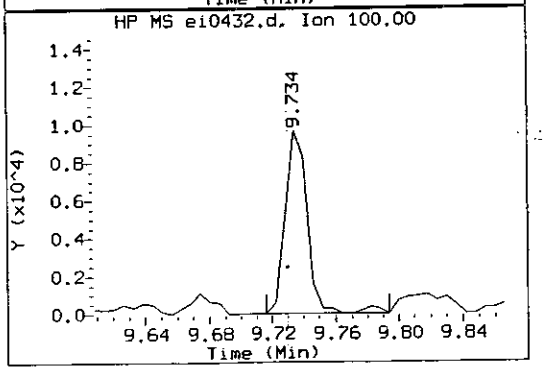
Sample Spectrum (Unaltered)











Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

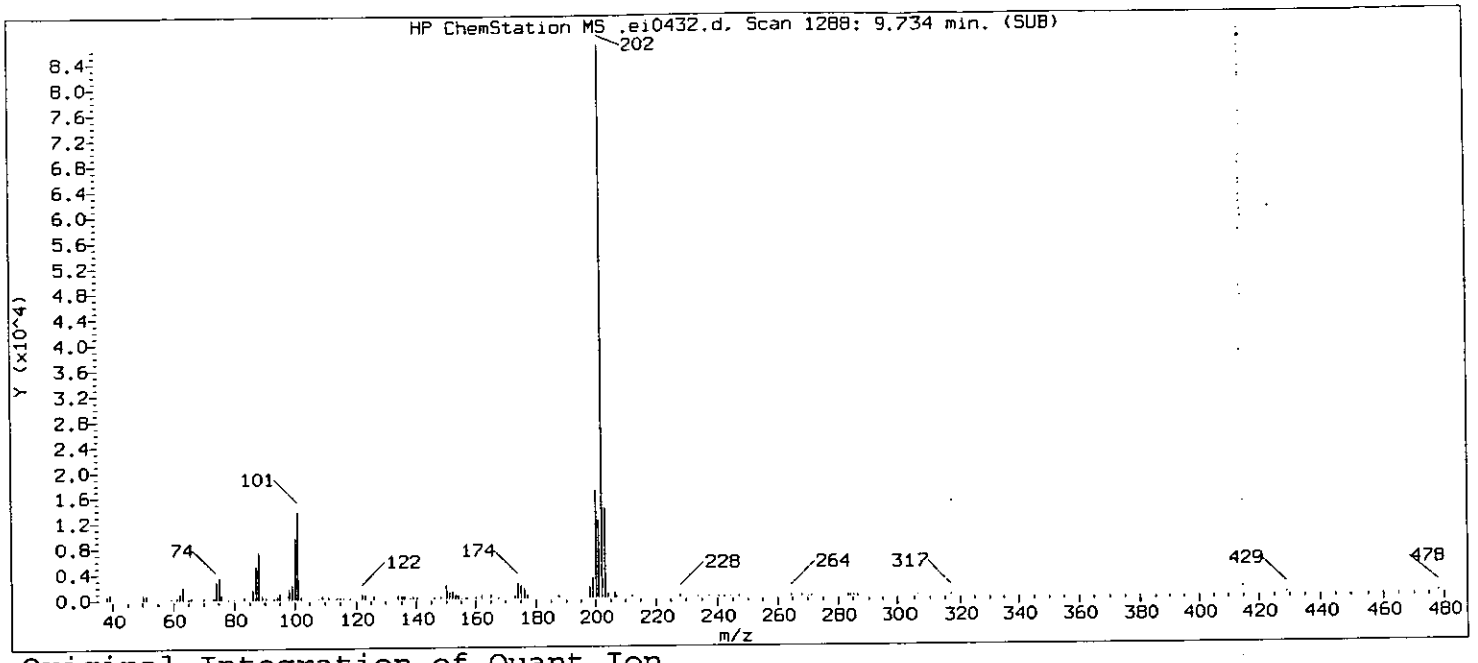
Sample Name: AMS33

Lab Sample ID: 5454445

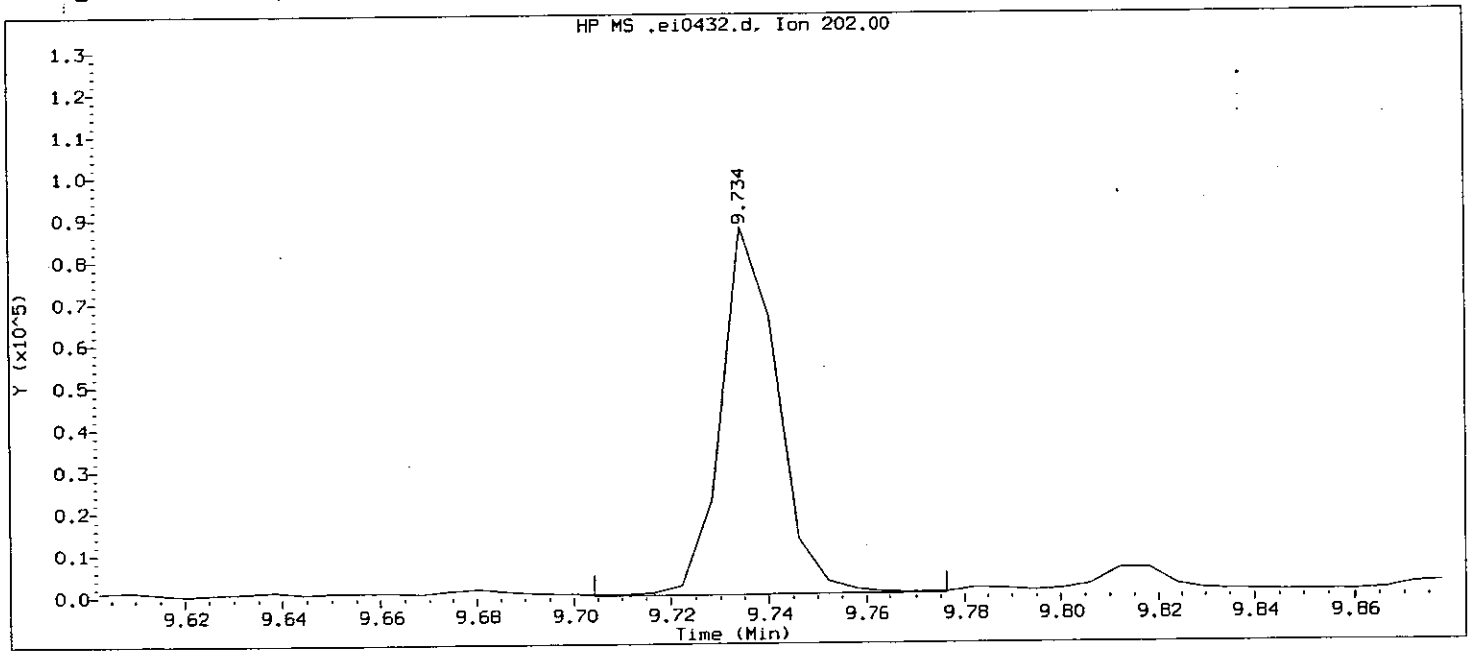
Compound Number	: 148
Compound Name	: Fluoranthene
Scan Number	: 1288
Retention Time (minutes)	: 9.734
Quant Ion	: 202.0
Area (flag)	: 70036 M
Concentration (ng/ul)	: 5.8321

ASX04: 0404

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

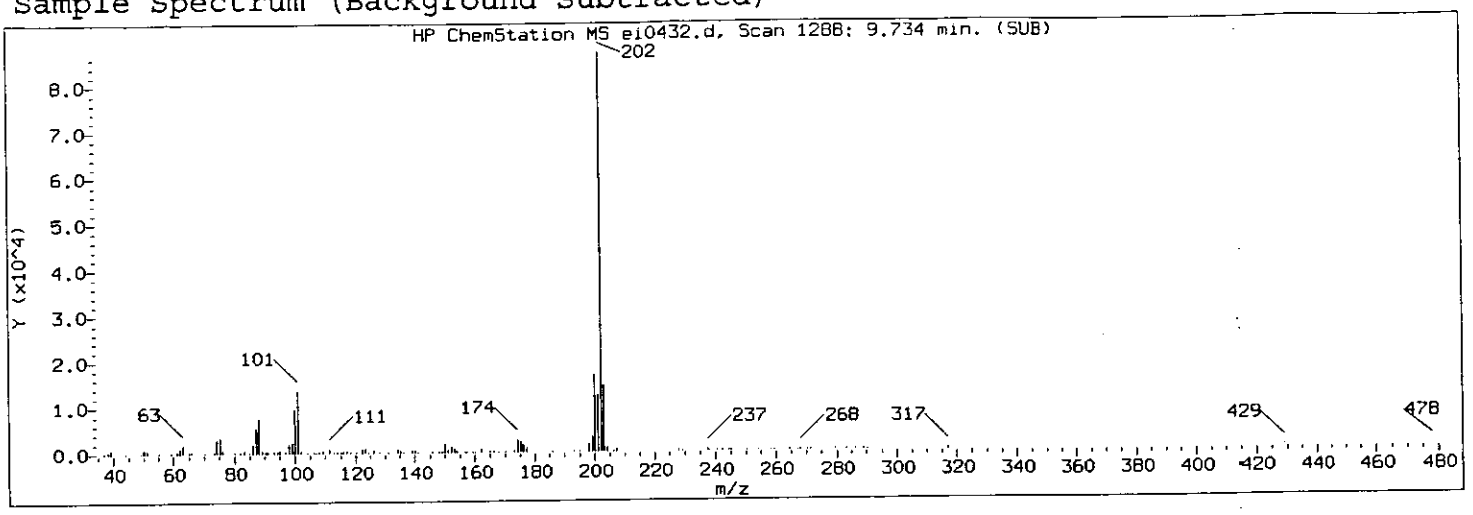
Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1288
Retention Time (minutes): 9.734
Quant Ion : 202
Area : 71172
Concentration (ng/ul) : 5.9267
Integration start scan : 1282 Integration stop scan: 1294
Y at integration start : 51 Y at integration end: 79

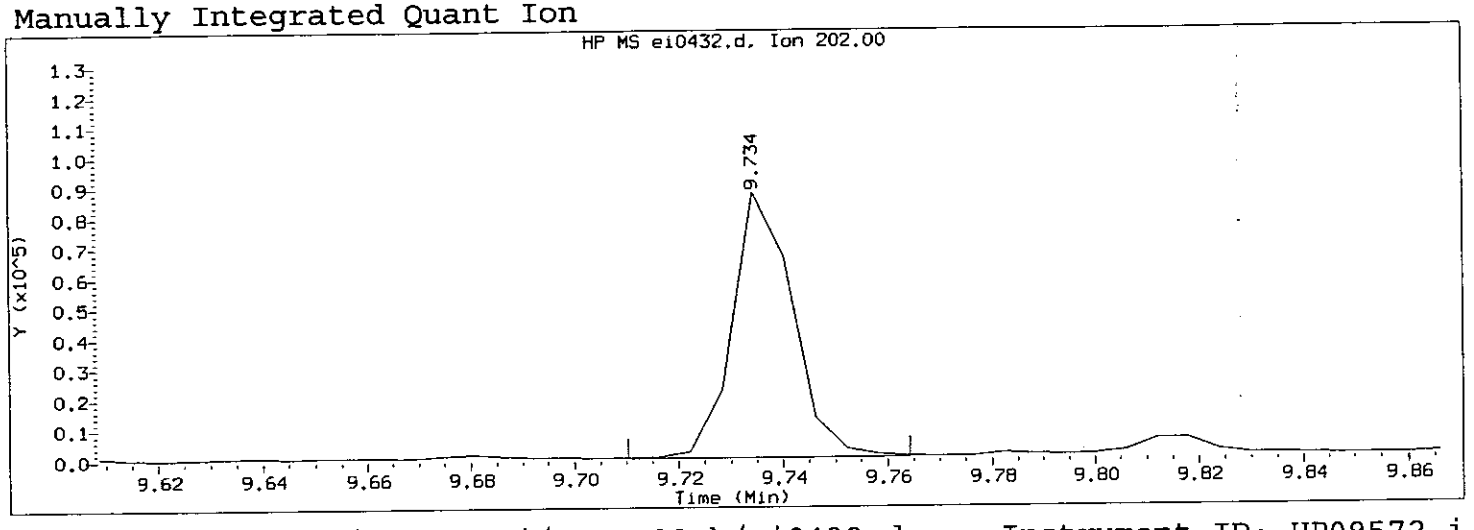
mn198 09/09/08 ASX04 8485

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1288
Retention Time (minutes): 9.734
Quant Ion : 202
Area (flag) : 70036 M
Concentration (ng/ul) : 5.8321
Integration start scan : 1283 Integration stop scan: 1292
Y at integration start : 305 Y at integration end: 305

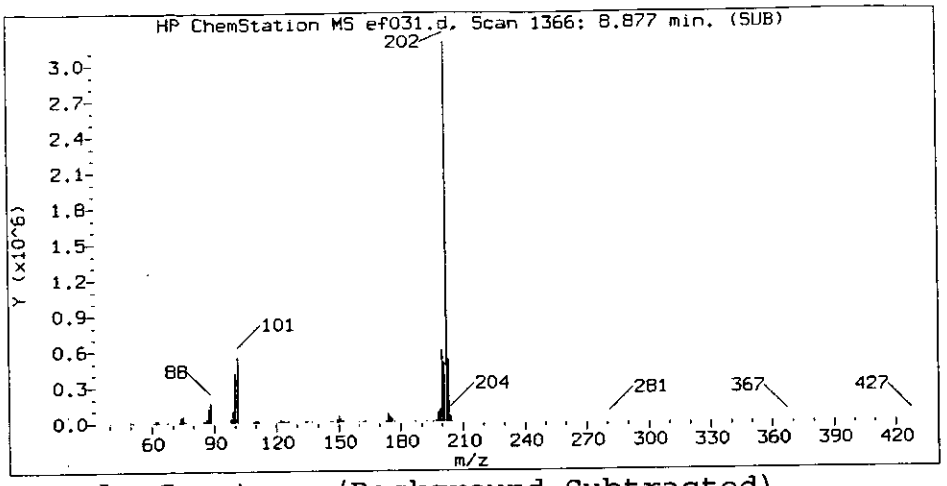
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/09/08

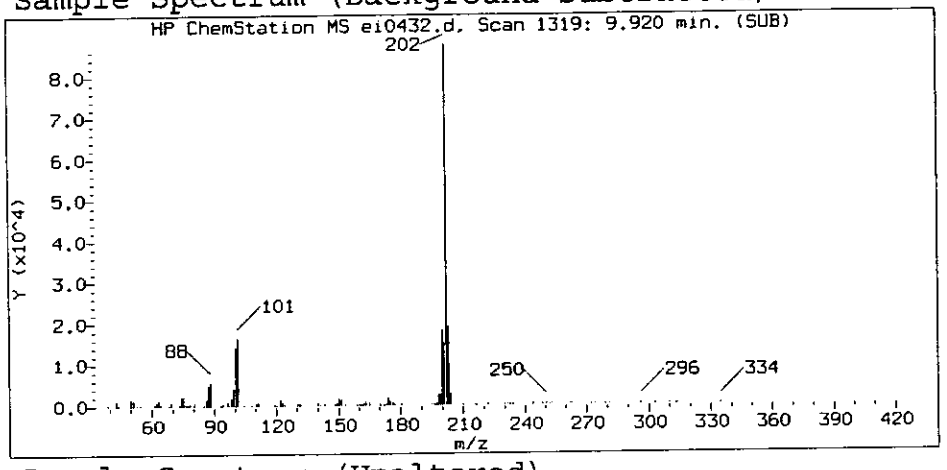
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

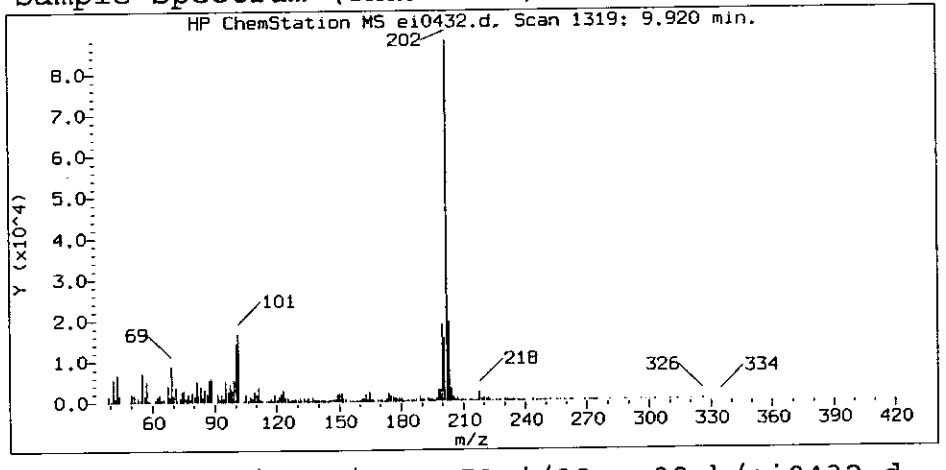
Reference Standard Spectrum for Pyrene

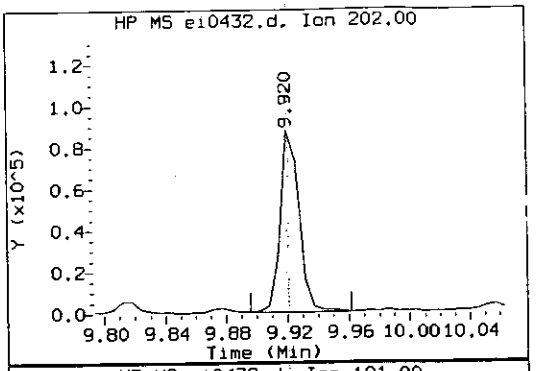


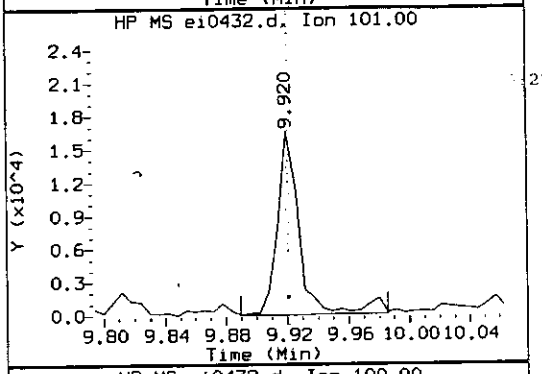
Sample Spectrum (Background Subtracted)

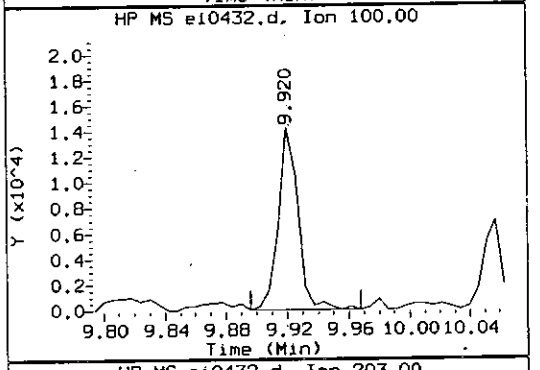


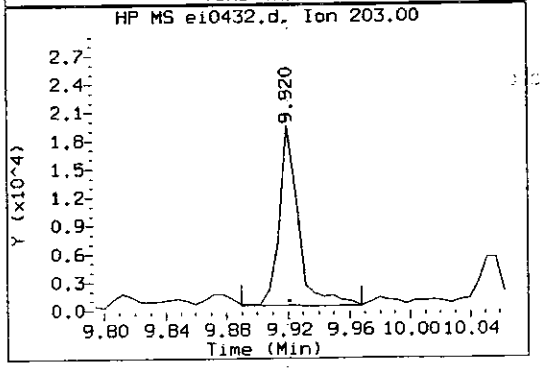
Sample Spectrum (Unaltered)











Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

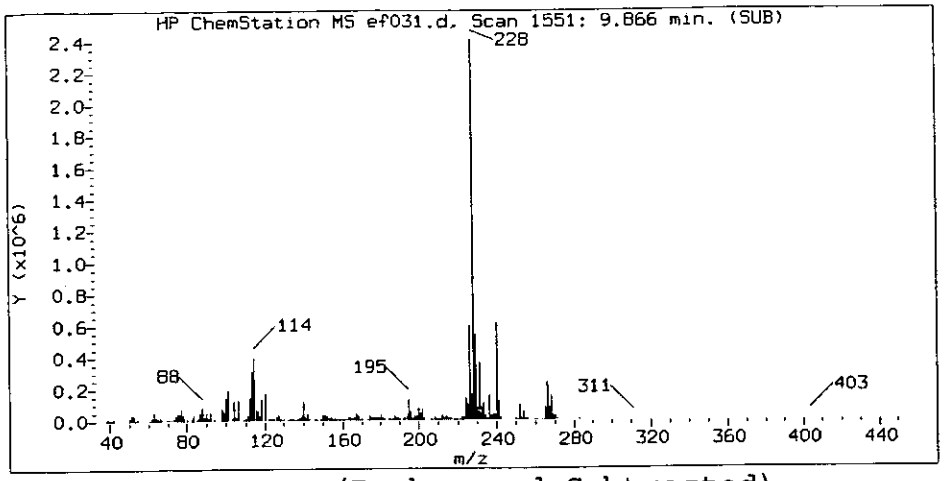
Sample Name: AMS33

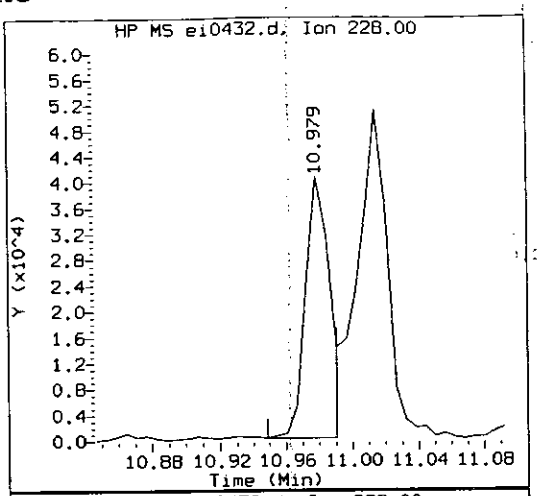
Lab Sample ID: 5454445

Compound Number : 155
Compound Name : Pyrene
Scan Number : 1319
Retention Time (minutes): 9.920
Quant Ion : 202.0
Area (flag) : 76981
Concentration (ng/ul) : 7.9399

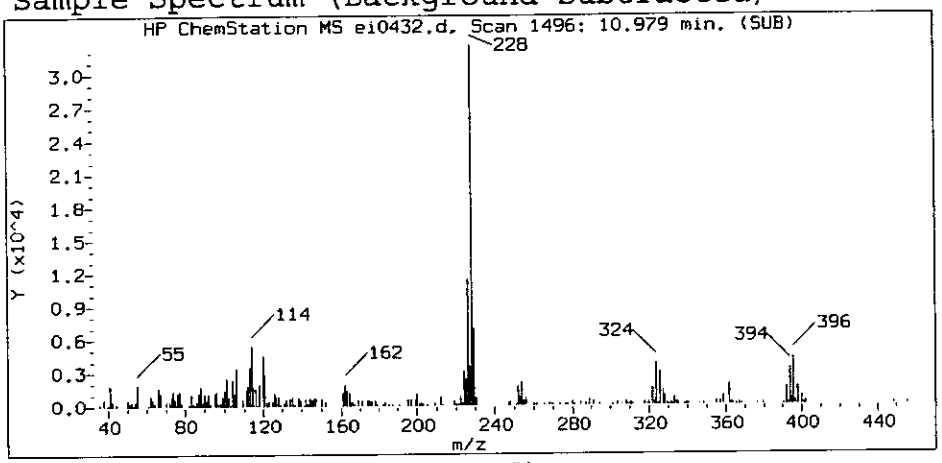
ASX04 0487

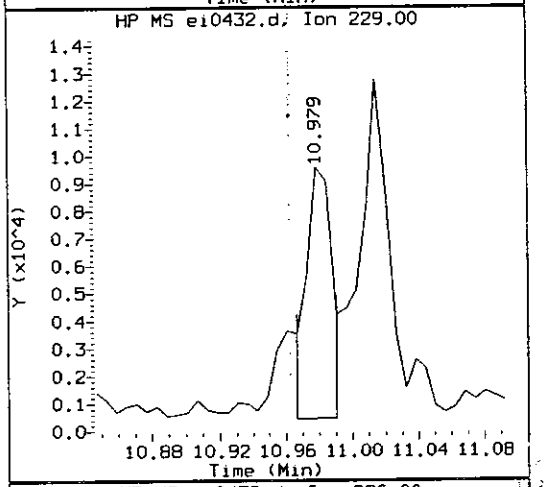
Reference Standard Spectrum for Benzo(a)anthracene



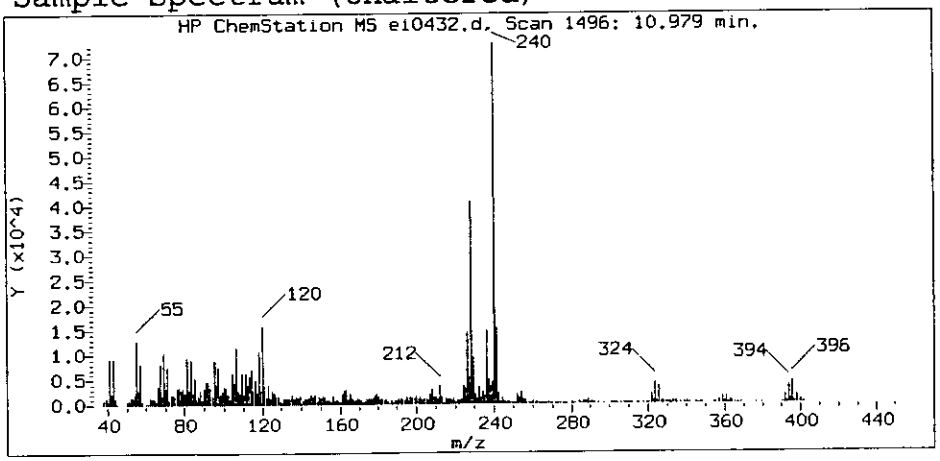


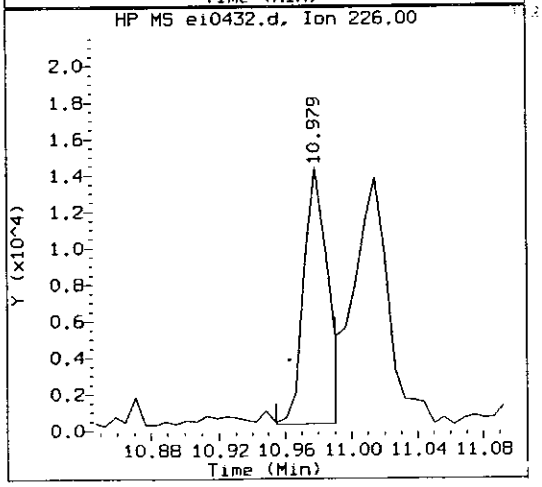
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

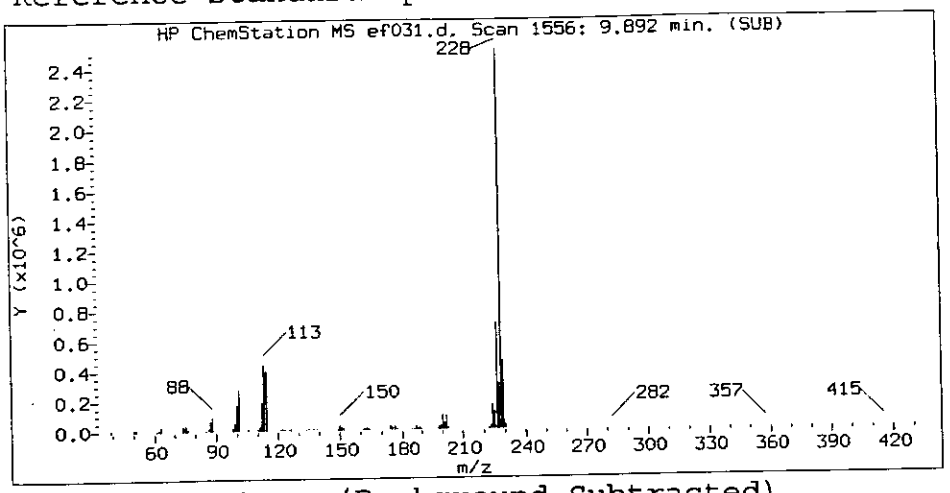
Sample Name: AMS33

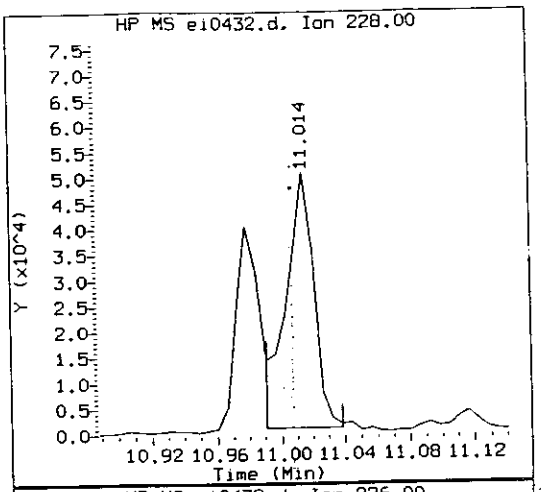
Lab Sample ID: 5454445

Compound Number	: 167
Compound Name	: Benzo(a)anthracene
Scan Number	: 1496
Retention Time (minutes)	: 10.979
Quant Ion	: 228.0
Area (flag)	: 39291
Concentration (ng/ul)	: 4.1667

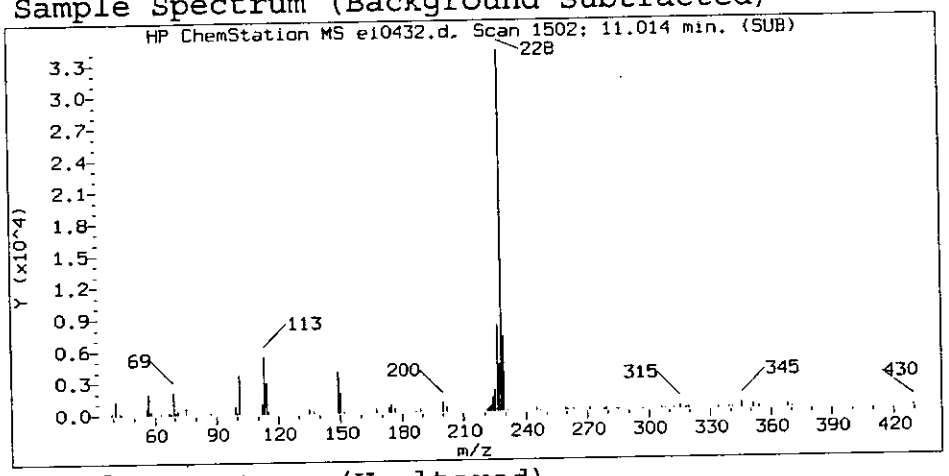
ASX04 8408

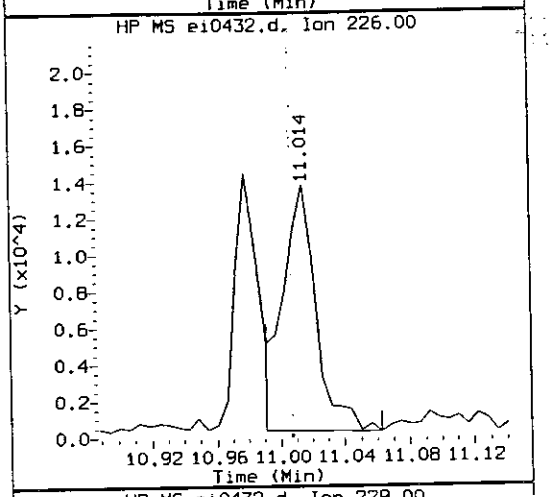
Reference Standard Spectrum for Chrysene



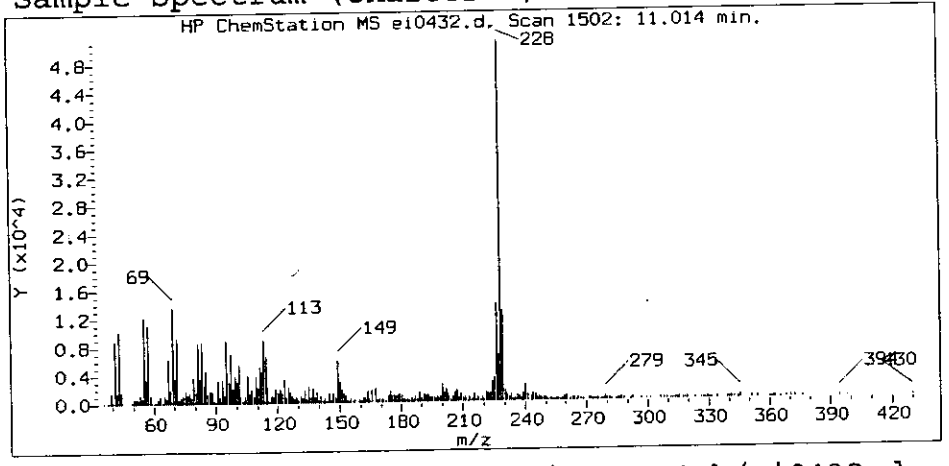


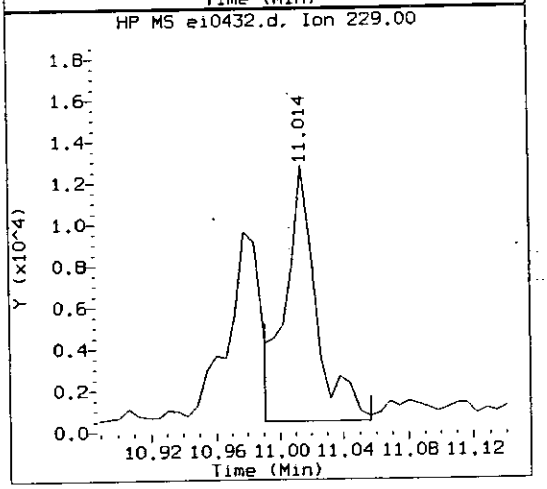
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33

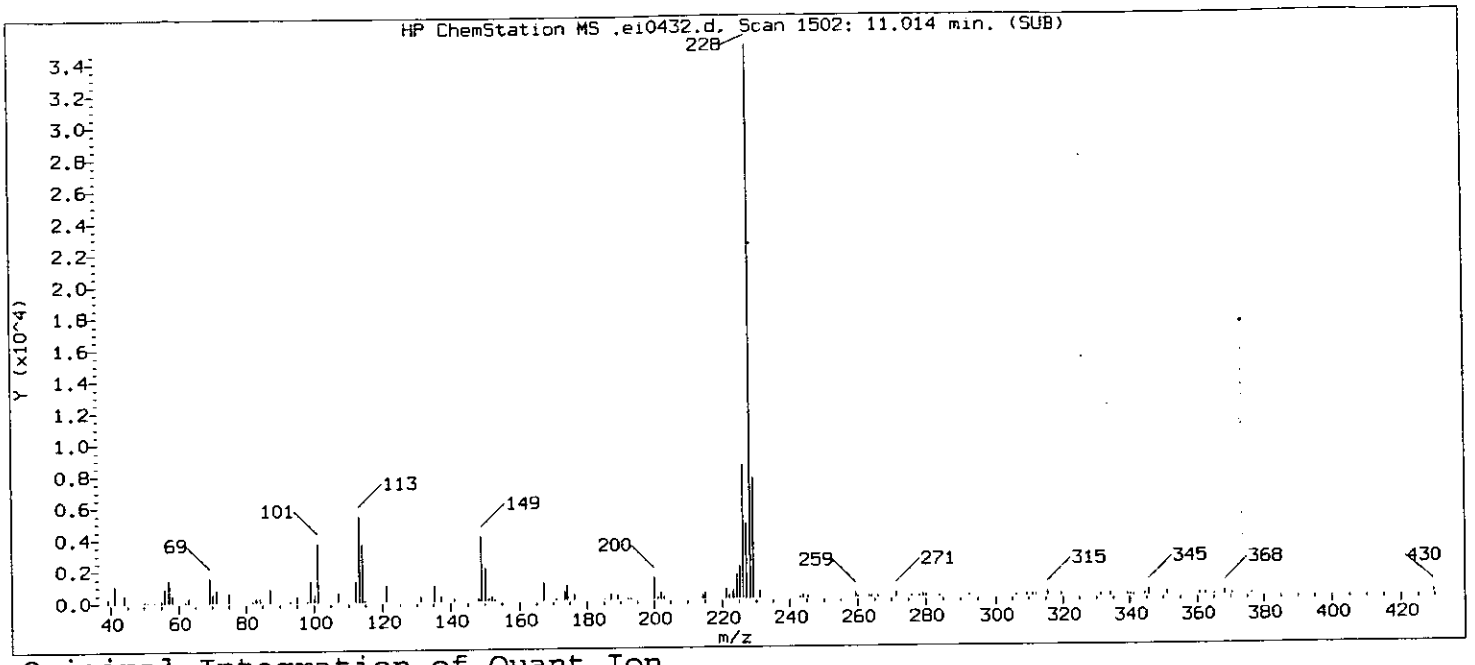
Lab Sample ID: 5454445

Compound Number	: 169
Compound Name	: Chrysene
Scan Number	: 1502
Retention Time (minutes)	: 11.014
Quant Ion	: 228.0
Area (flag)	: 64292 M
Concentration (ng/ul)	: 7.1452

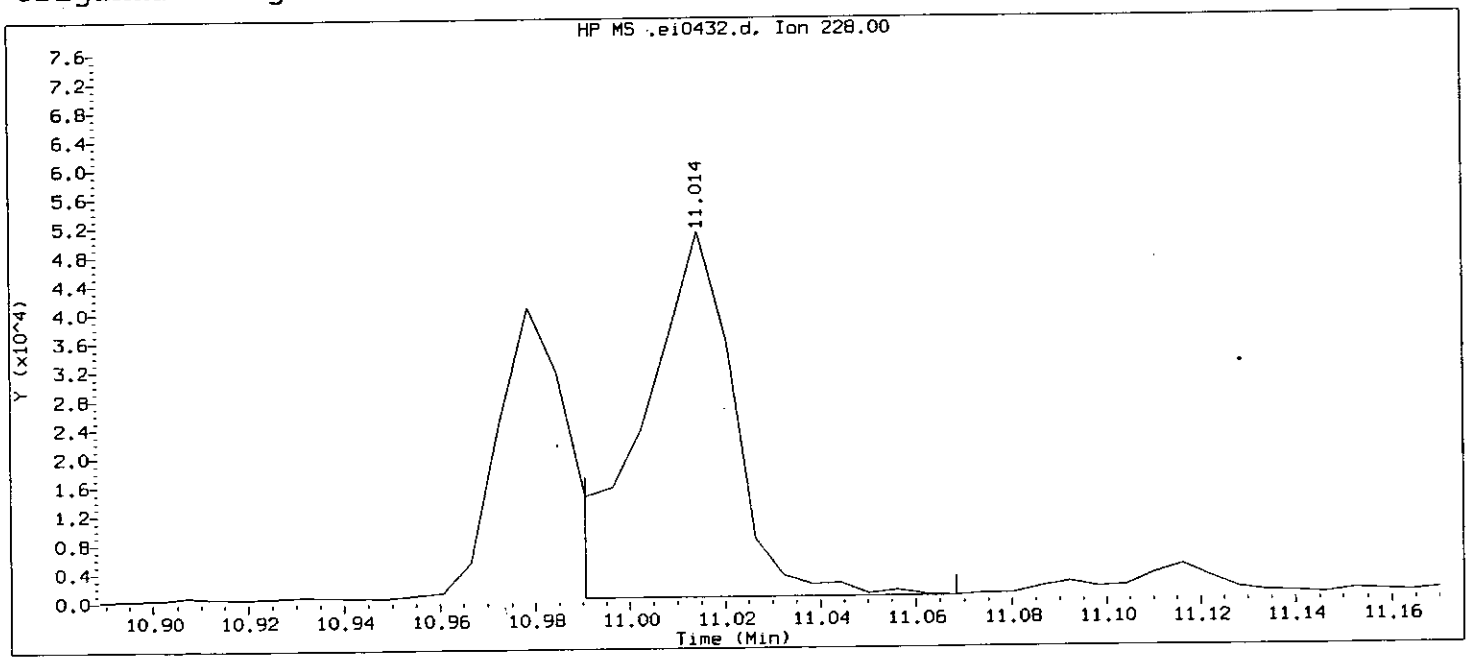
ASX84 8489

Hit Data Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sublist used: all1

Sample Name: AMS33

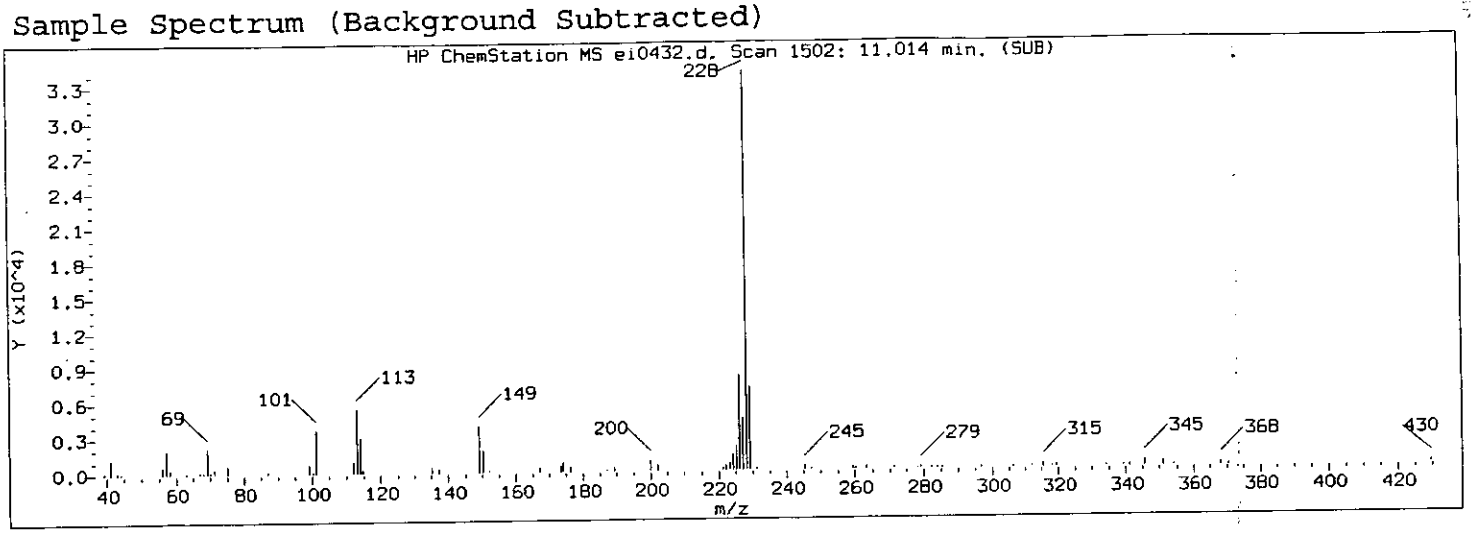
Lab Sample ID: 5454445

Compound Number	:	169
Compound Name	:	Chrysene
Scan Number	:	1502
Retention Time (minutes)	:	11.014
Quant Ion	:	228
Area	:	65827
Concentration (ng/ul)	:	7.3159
Integration start scan	:	1497
Y at integration start	:	387

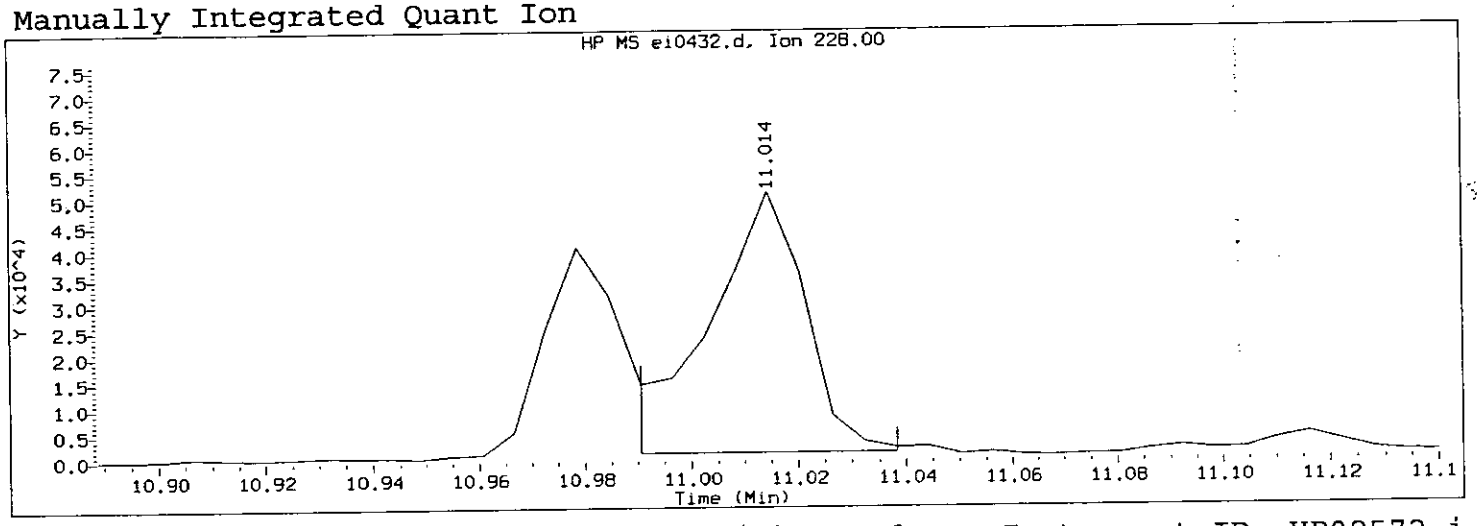
Integration stop scan: 1510
Y at integration end: 330

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 169
Compound Name : Chrysene
Scan Number : 1502
Retention Time (minutes): 11.014
Quant Ion : 228
Area (flag) : 64292 M
Concentration (ng/ul) : 7.1452
Integration start scan : 1497 Integration stop scan: 1505
Y at integration start : 1262 Y at integration end: 1262

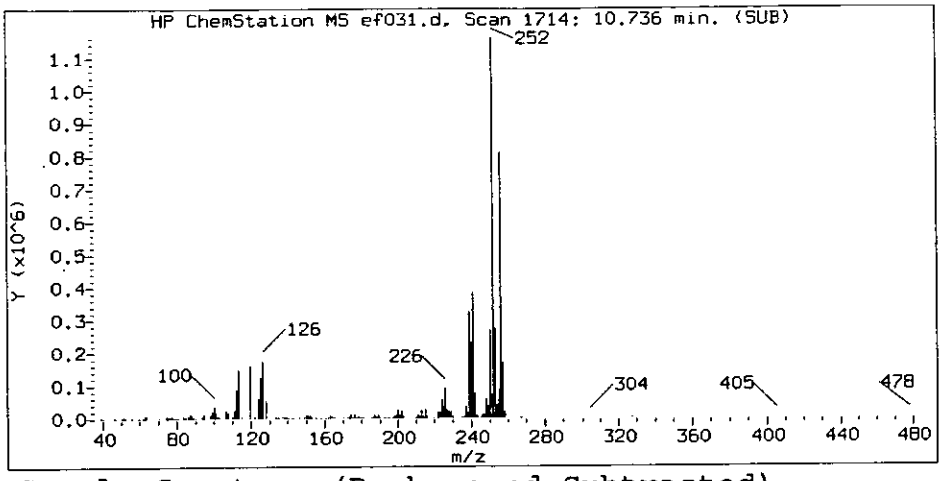
Reason for manual integration (circle one): missed peak improper integration

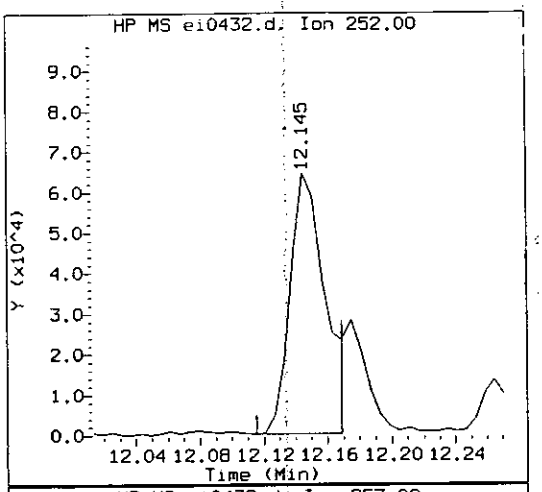
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

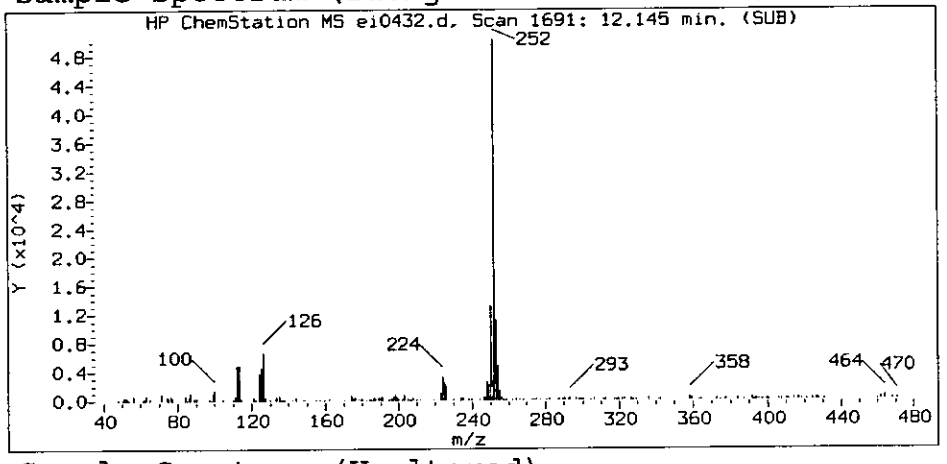
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

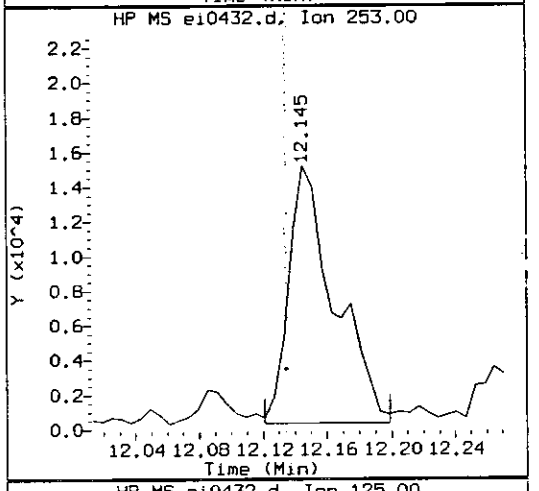
Reference Standard Spectrum for Benzo(b)fluoranthene



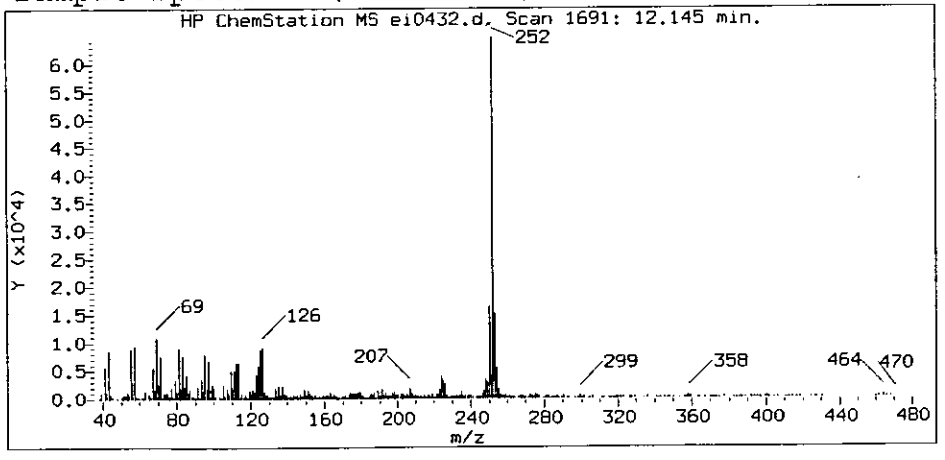


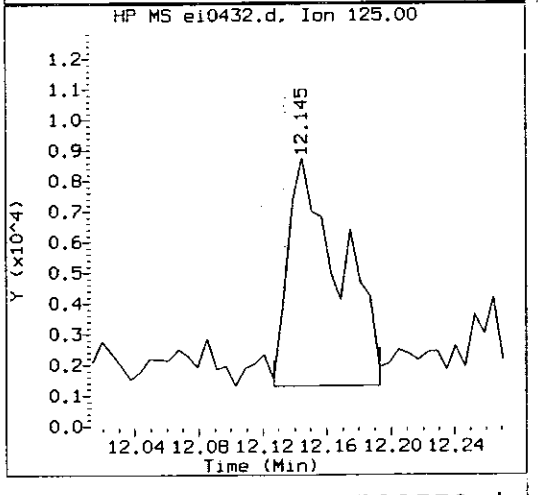
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

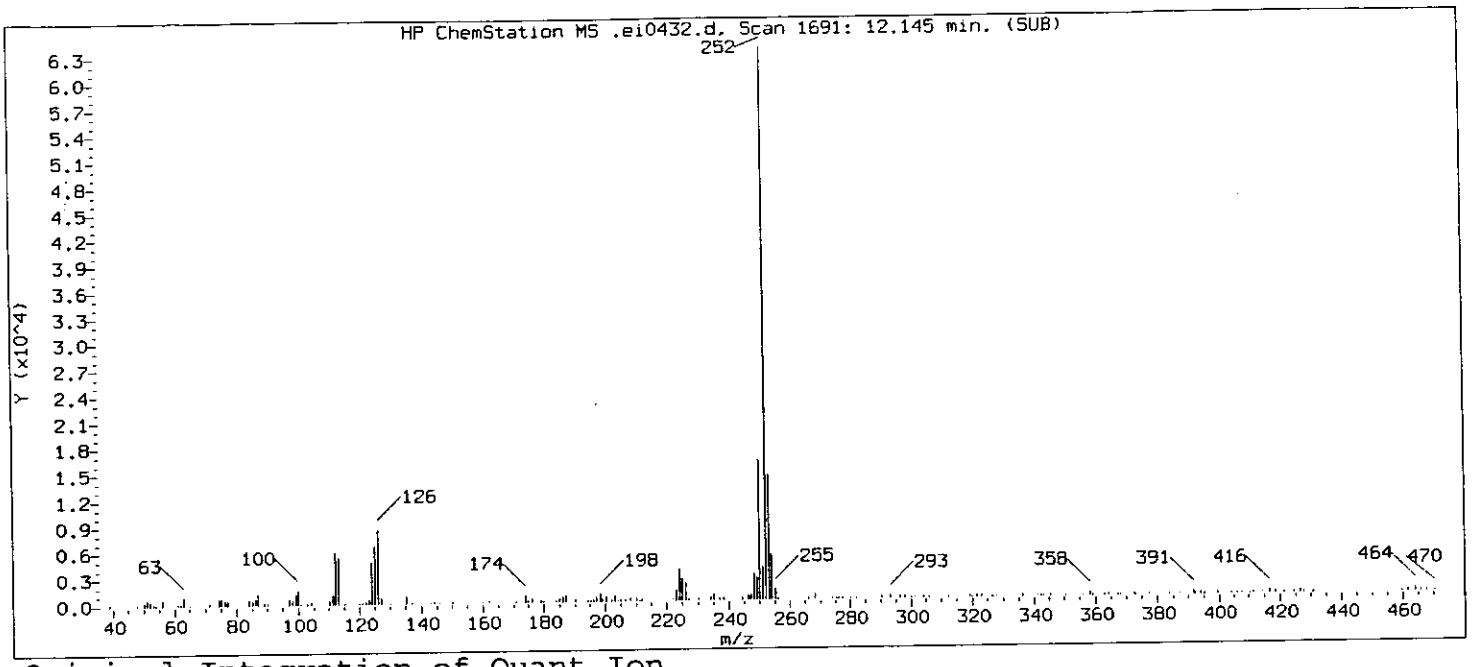
Sample Name: AMS33

Lab Sample ID: 5454445

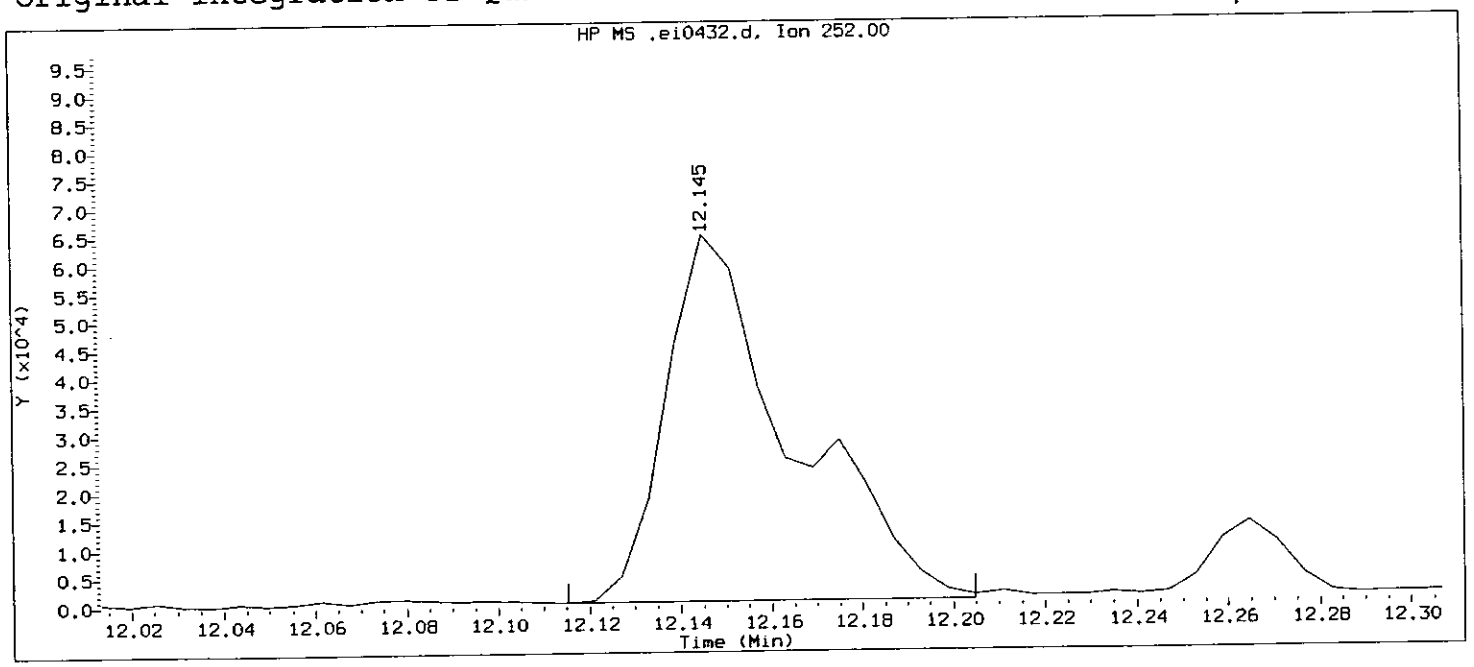
Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1691
Retention Time (minutes): 12.145
Quant Ion : 252.0
Area (flag) : 99662 M
Concentration (ng/ul) : 9.6041

ASX84 0412

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

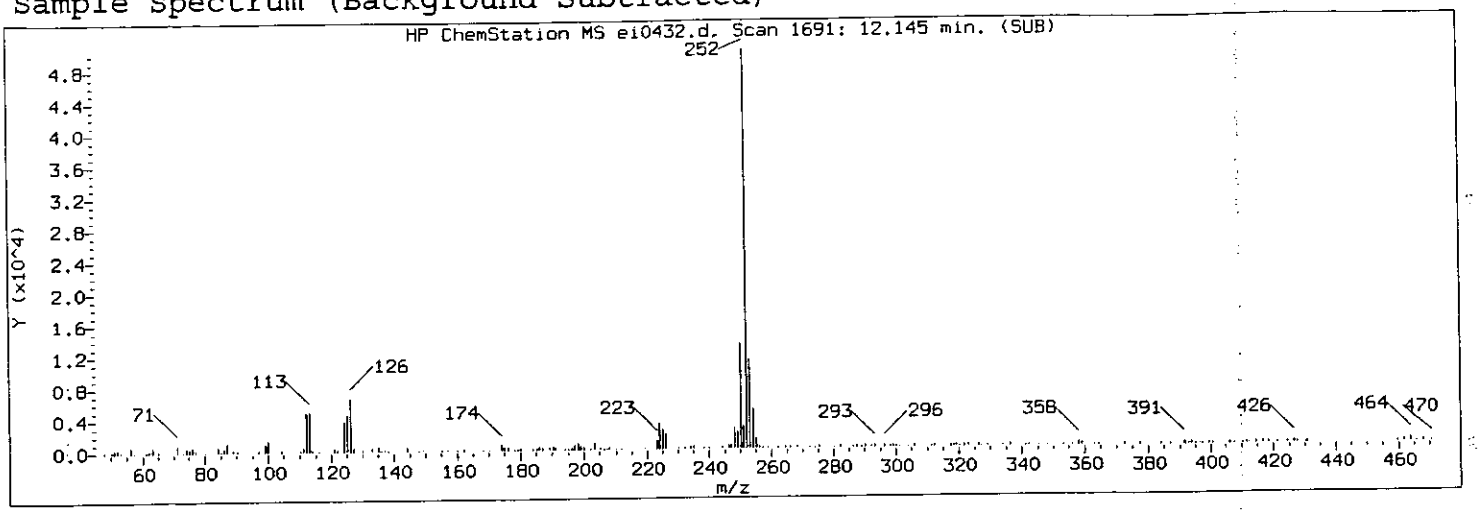
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

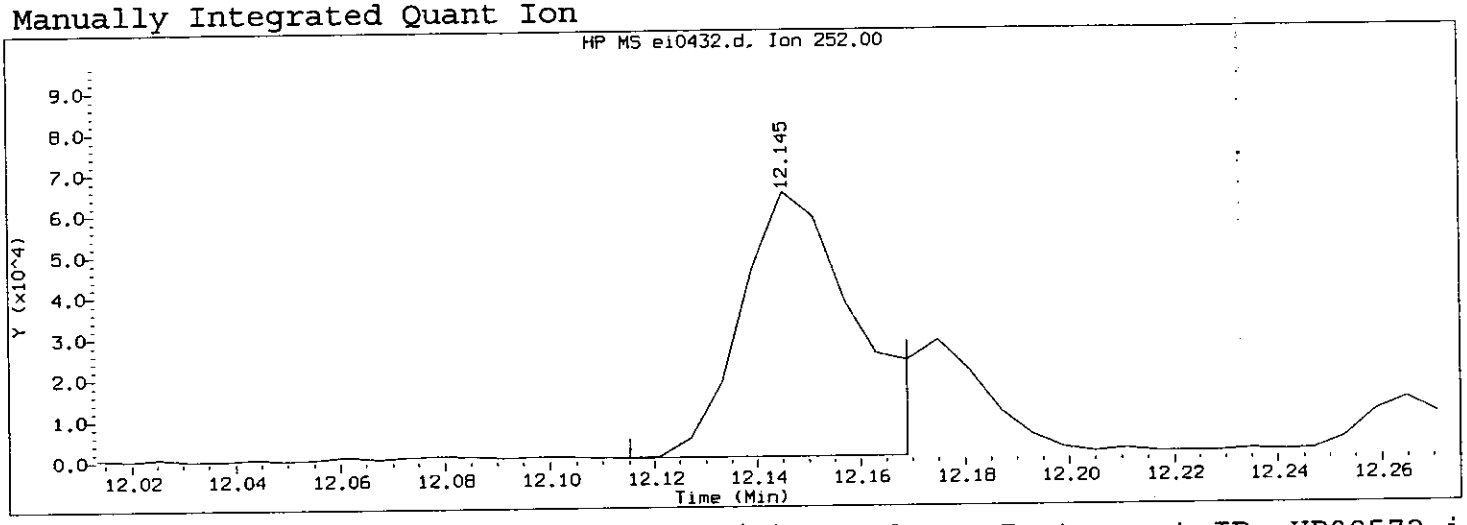
Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1691
Retention Time (minutes): 12.145
Quant Ion : 252
Area : 123516
Concentration (ng/ul) : 11.9029
Integration start scan : 1685 Integration stop scan: 1700
Y at integration start : 307 Y at integration end: 307

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1691
Retention Time (minutes): 12.145
Quant Ion : 252
Area (flag) : 99662 M
Concentration (ng/ul) : 9.6041
Integration start scan : 1685 Integration stop scan: 1694
Y at integration start : 307 Y at integration end: 307

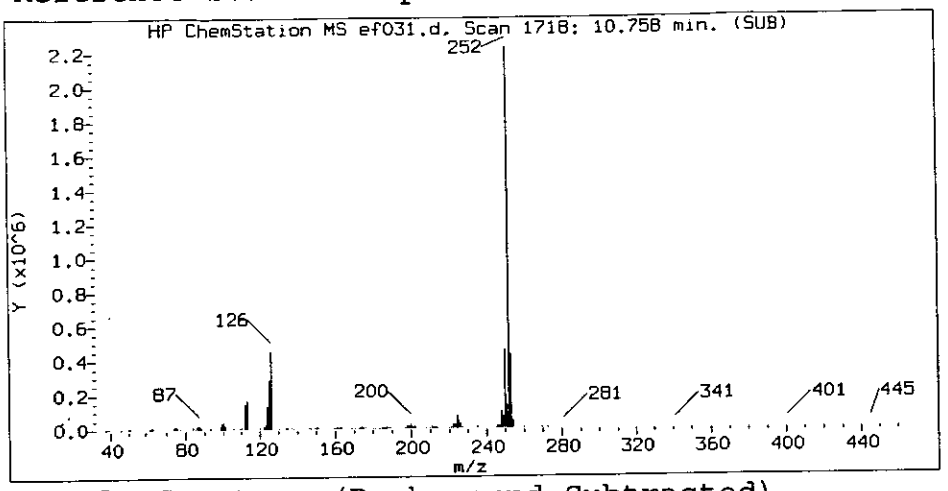
Reason for manual integration (circle one): missed peak improper integration

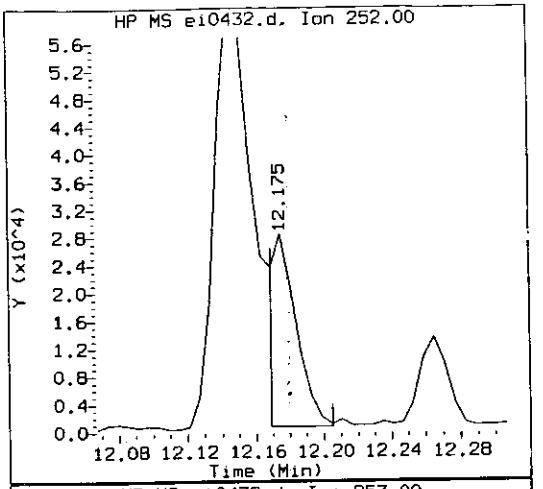
Analyst responsible for change: LMH 09/09/08

GC/MS audit/management approval: 9/10/08

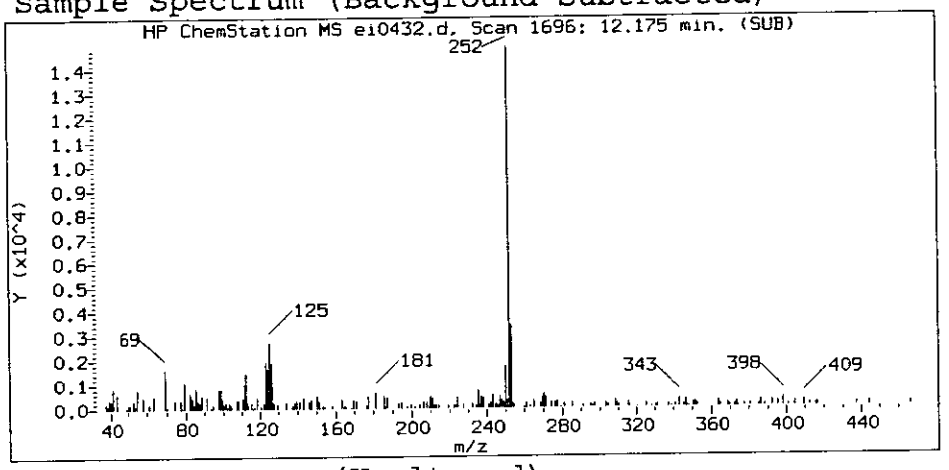
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

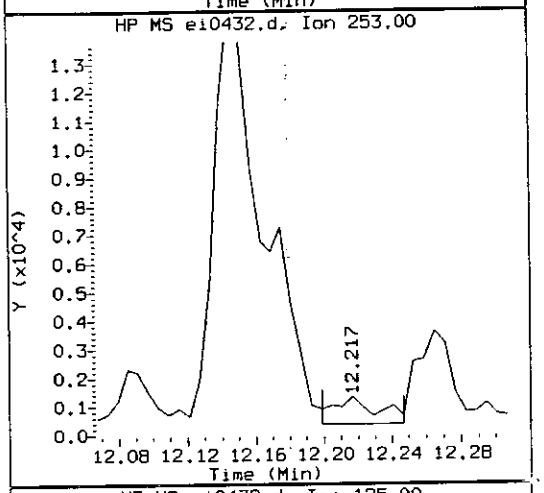
Reference Standard Spectrum for Benzo(k)fluoranthene



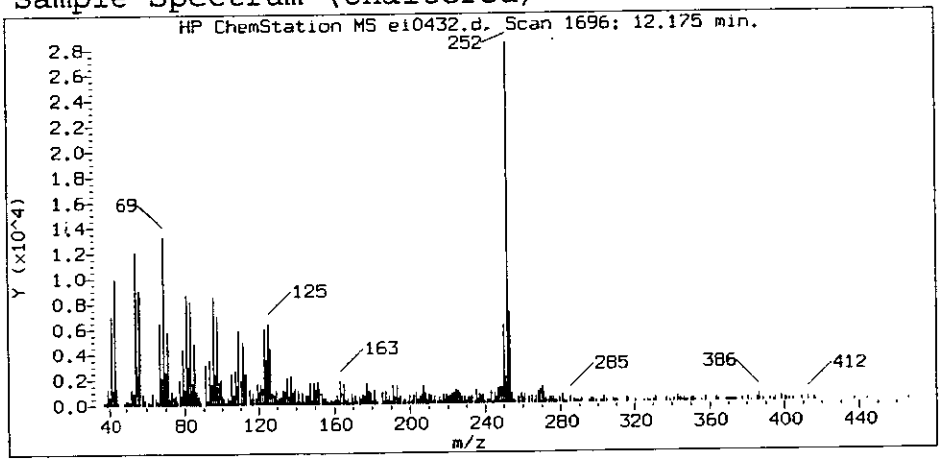


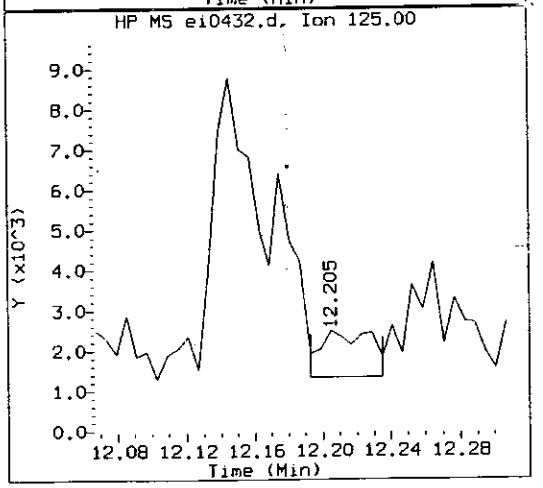
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

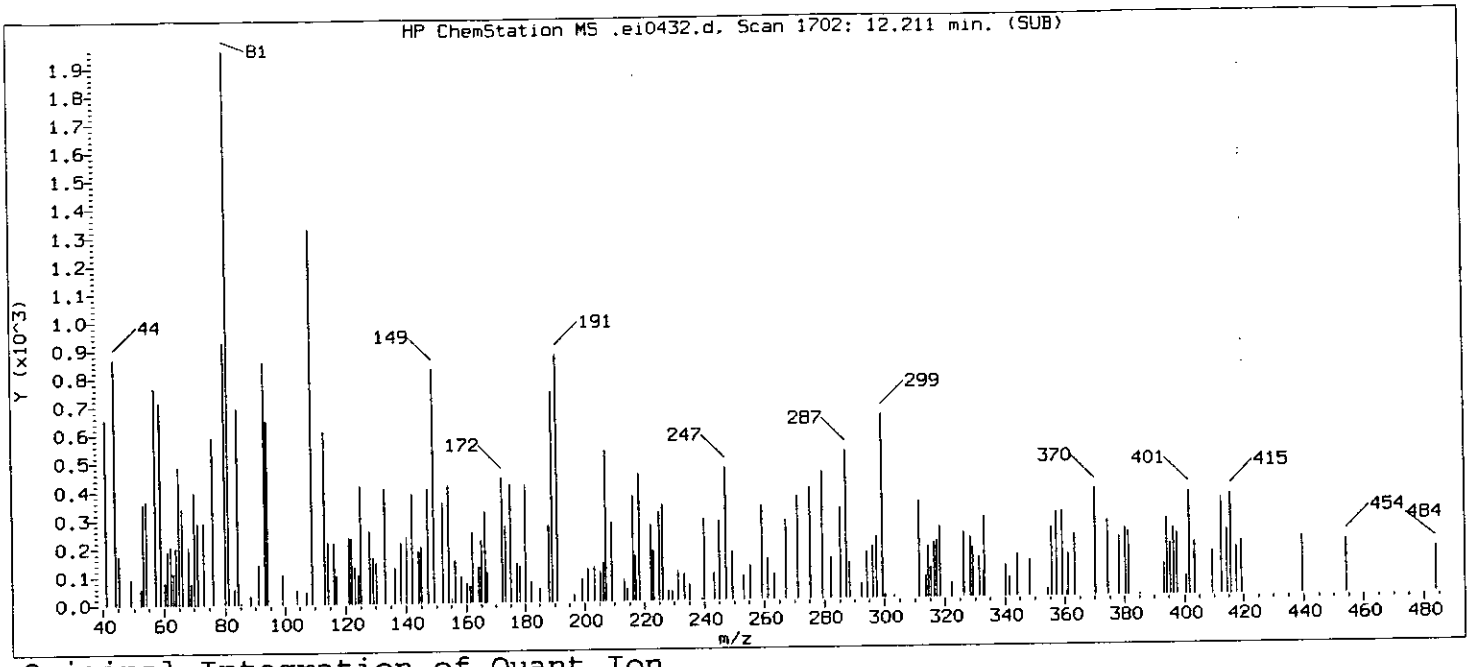
Sample Name: AMS33

Lab Sample ID: 5454445

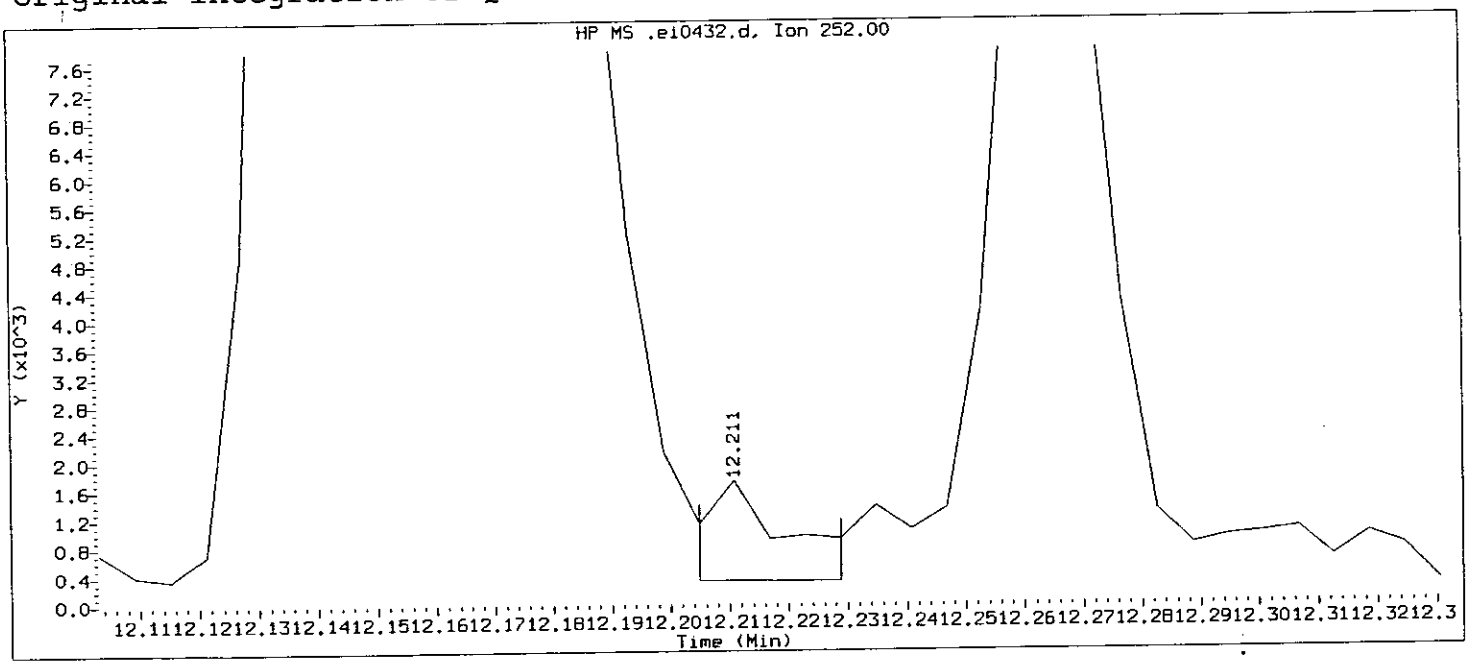
Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1696
Retention Time (minutes)	:	12.175
Quant Ion	:	252.0
Area (flag)	:	31335 M
Concentration (ng/ul)	:	2.8988

ASX84 9415

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sublist used: all1

Sample Name: AMS33

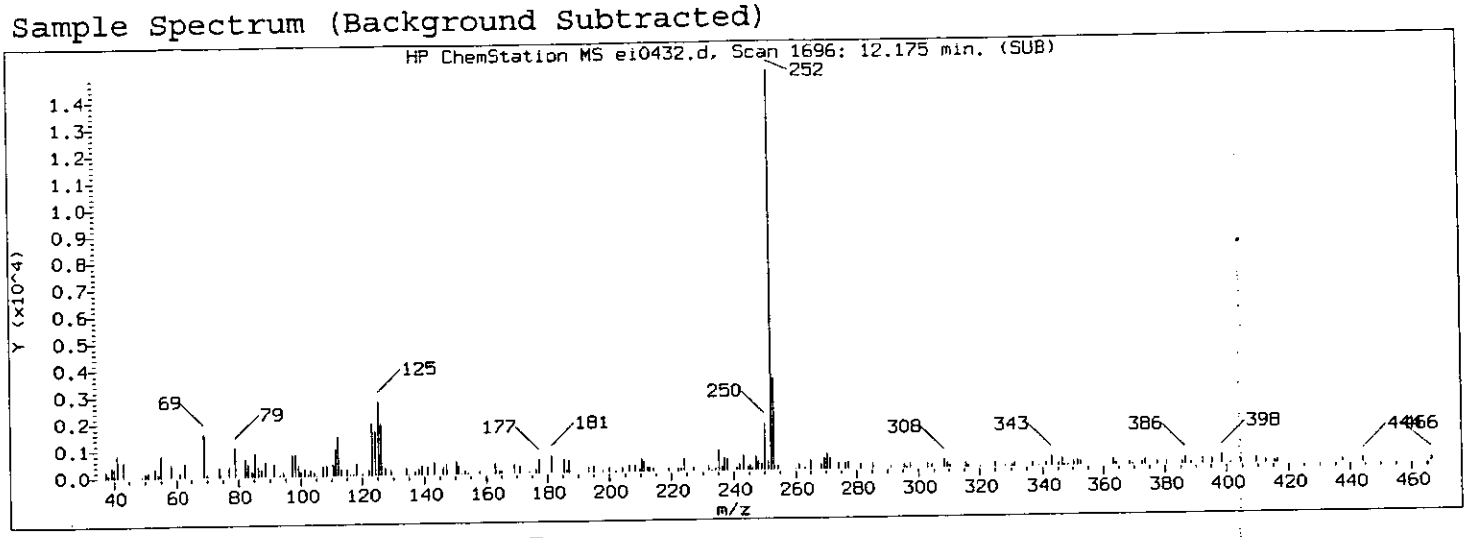
Lab Sample ID: 5454445

Compound Number	:	174
Compound Name	:	Benzo(k)fluoranthene
Scan Number	:	1702
Retention Time (minutes)	:	12.211
Quant Ion	:	252
Area	:	1197
Concentration (ng/ul)	:	0.1107
Integration start scan	:	1700
Y at integration start	:	307

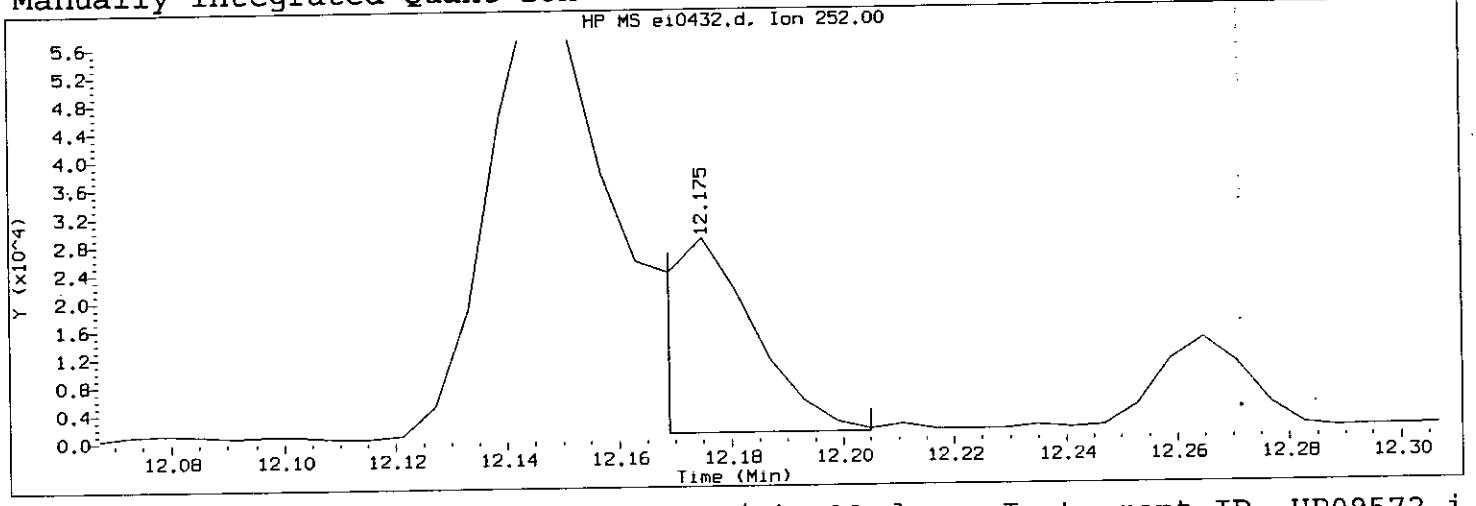
Integration stop scan: 1704
Y at integration end: 295

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

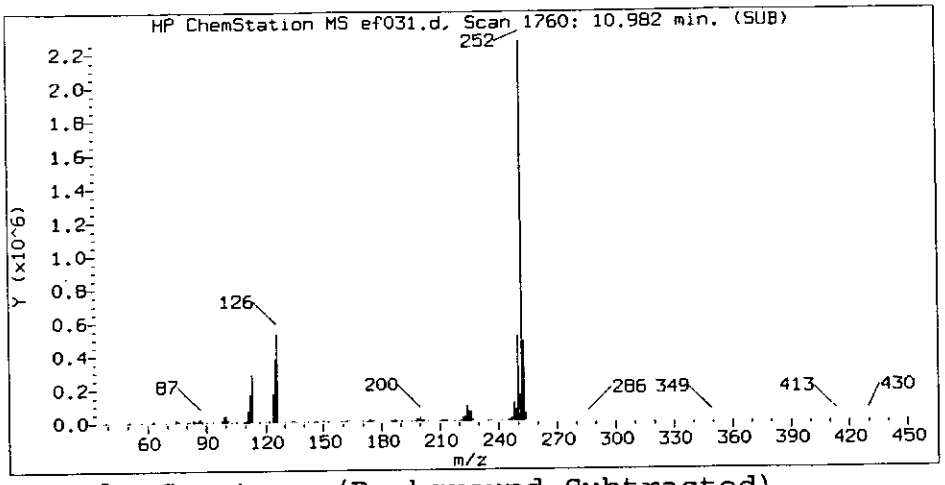
Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1696
Retention Time (minutes): 12.175
Quant Ion : 252
Area (flag) : 31335 M
Concentration (ng/ul) : 2.8988
Integration start scan : 1694 Integration stop scan: 1700
Y at integration start : 713 Y at integration end: 713

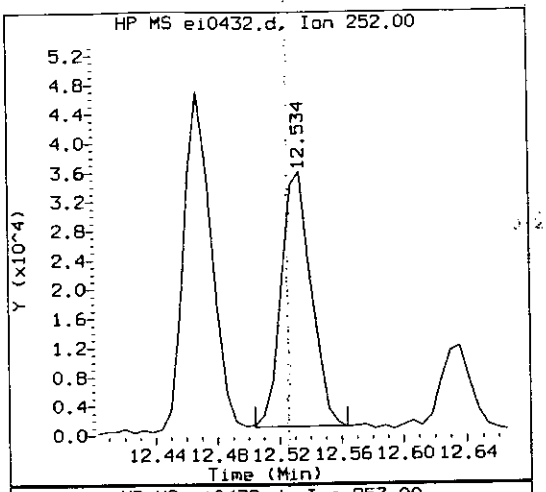
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 09/09/08

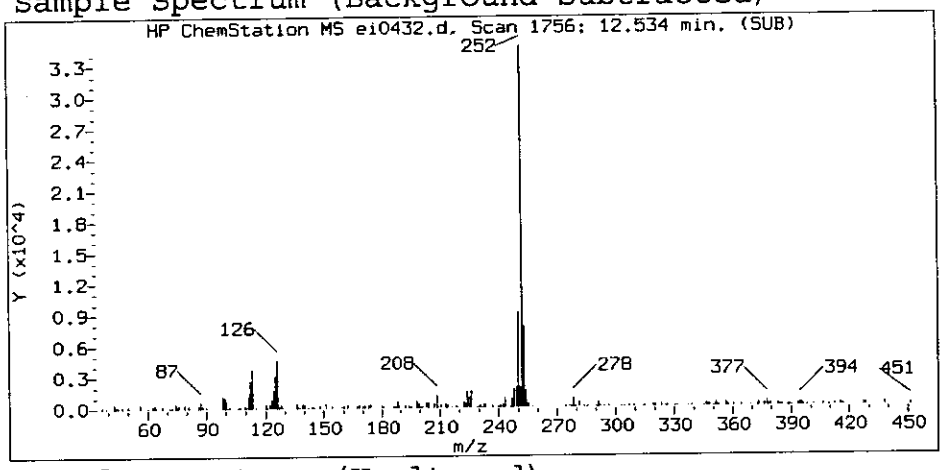
GC/MS audit/management approval: 9/10/08

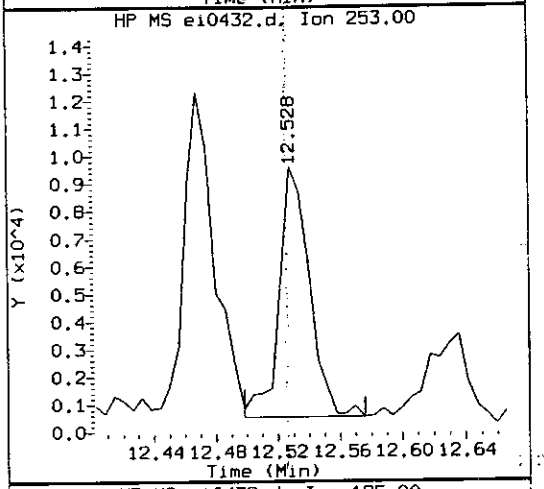
Reference Standard Spectrum for Benzo(a)pyrene



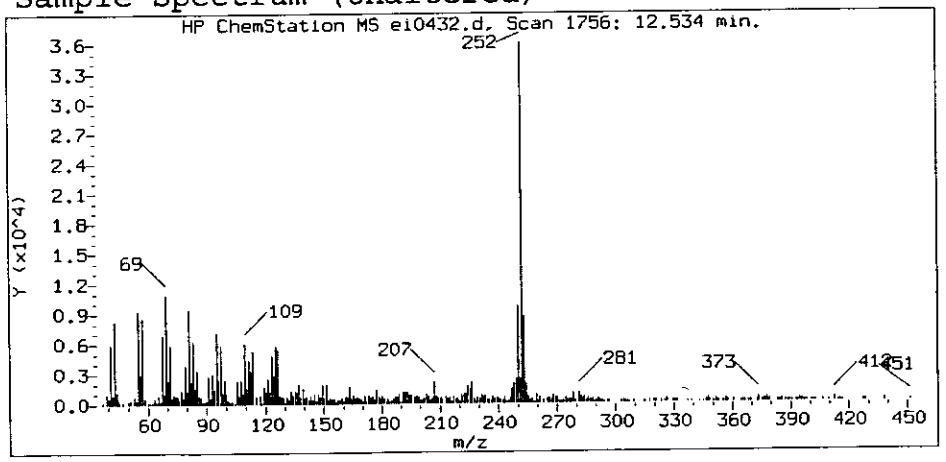


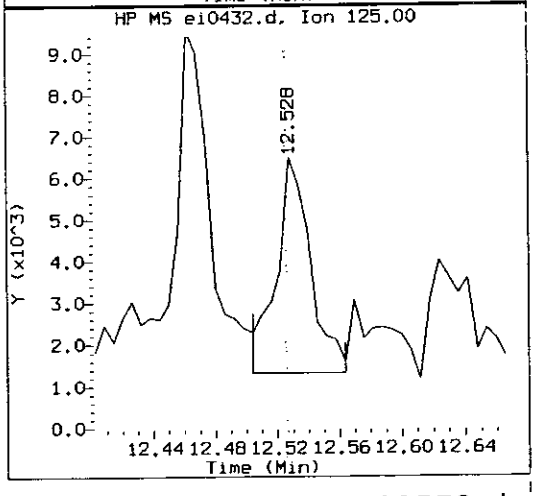
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

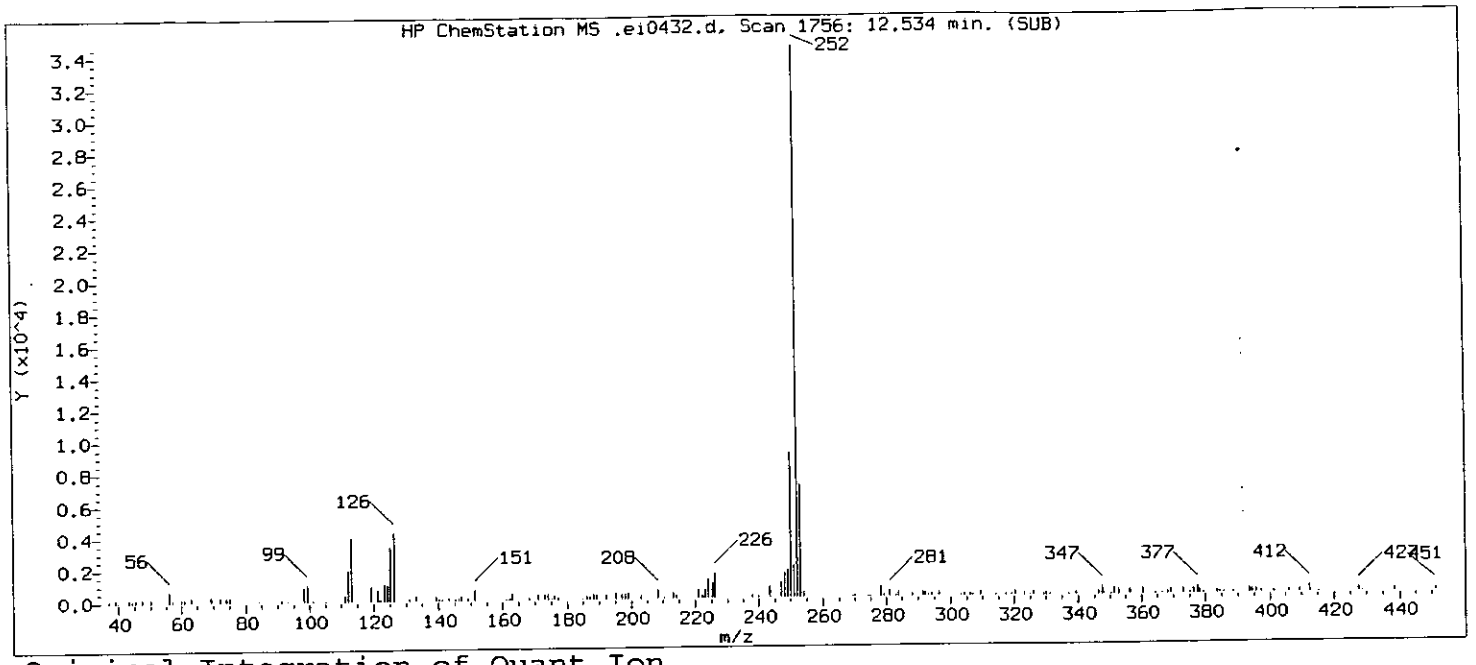
Sample Name: AMS33

Lab Sample ID: 5454445

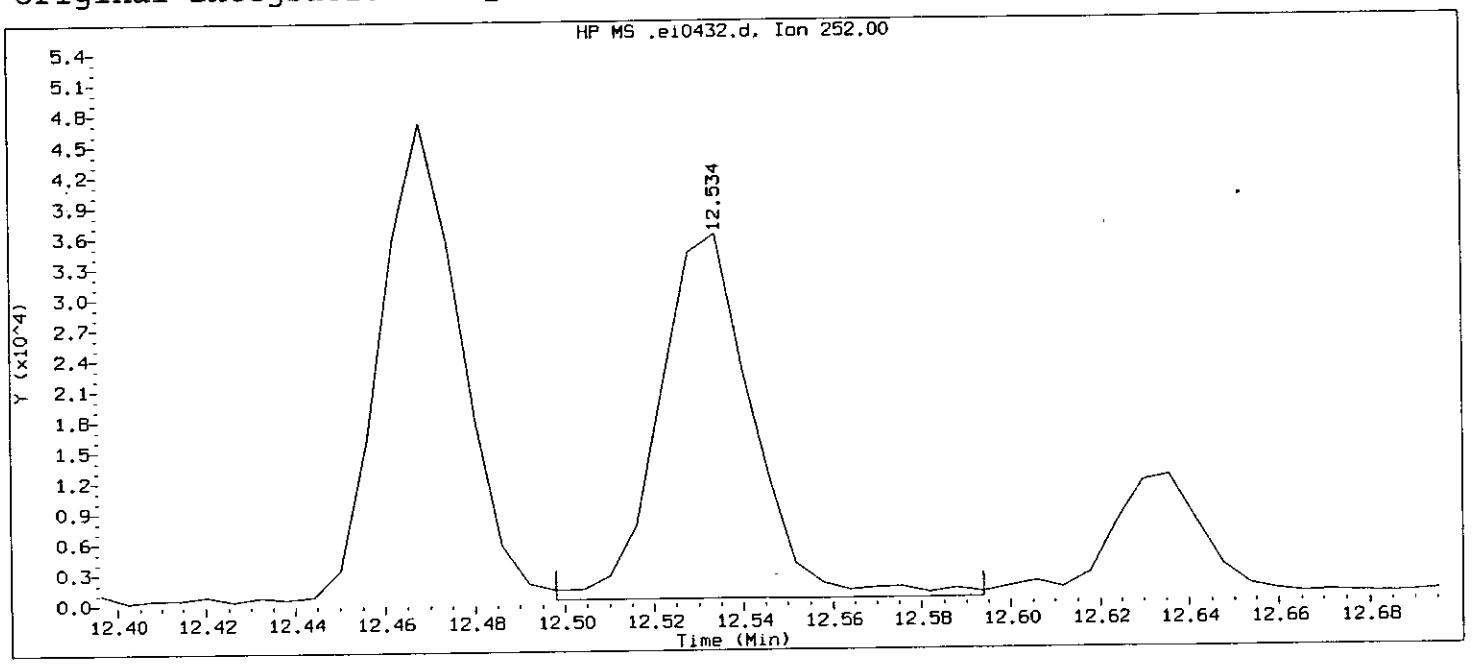
Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1756
Retention Time (minutes)	: 12.534
Quant Ion	: 252.0
Area (flag)	: 47487 M
Concentration (ng/ul)	: 5.0526

ASX04 0418

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sublist used: all1

Sample Name: AMS33

Lab Sample ID: 5454445

Compound Number	:	175
Compound Name	:	Benzo(a)pyrene
Scan Number	:	1756
Retention Time (minutes)	:	12.534
Quant Ion	:	252
Area	:	52074
Concentration (ng/ul)	:	5.5406
Integration start scan	:	1749
Y at integration start	:	304

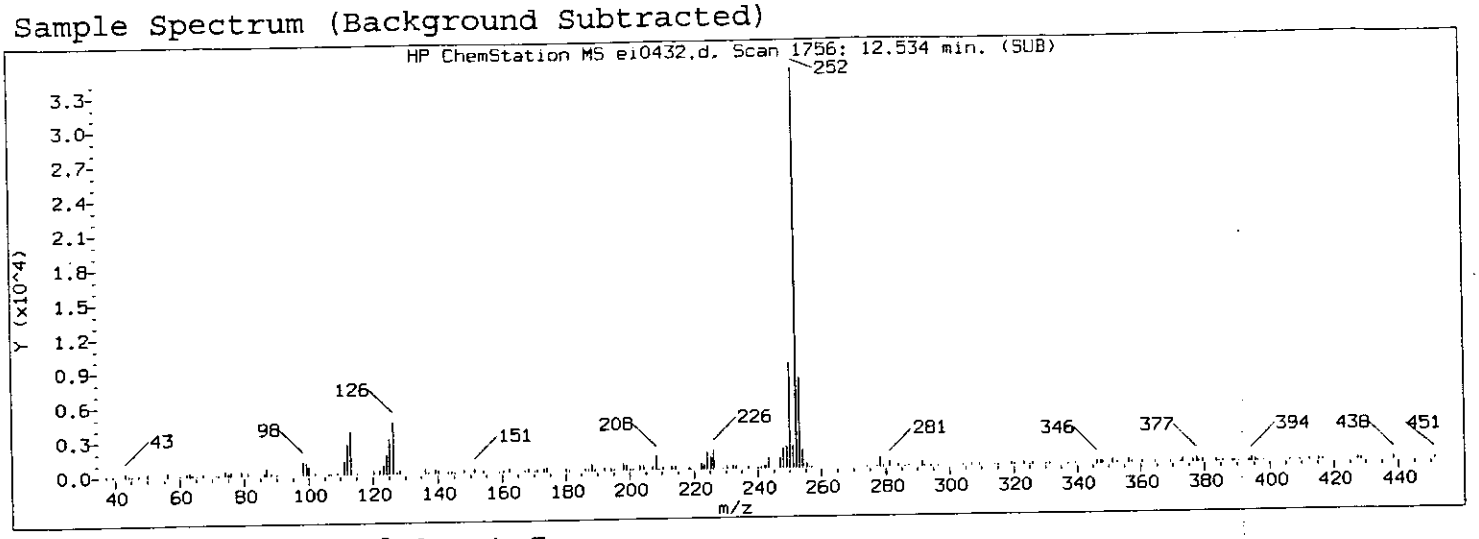
Integration stop scan: 1765
Y at integration end: 278

lmn198 09/08/08

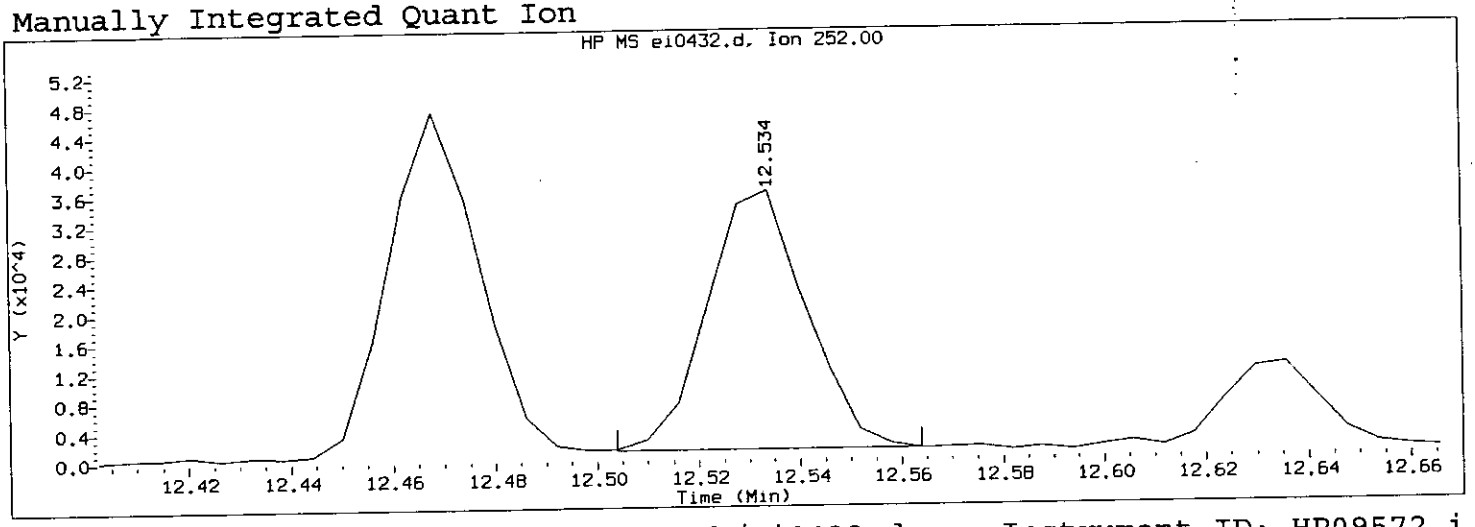
ASX84 0419

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 175
Compound Name : Benzo(a)pyrene
Scan Number : 1756
Retention Time (minutes): 12.534
Quant Ion : 252
Area (flag) : 47487 M
Concentration (ng/ul) : 5.0526
Integration start scan : 1750 Integration stop scan: 1760
Y at integration start : 1094 Y at integration end: 1094

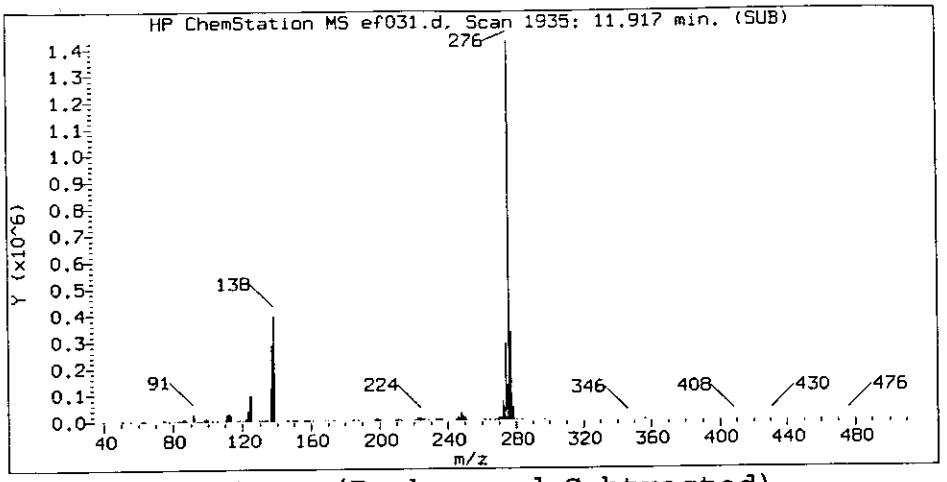
Reason for manual integration (circle one): missed peak improper integration

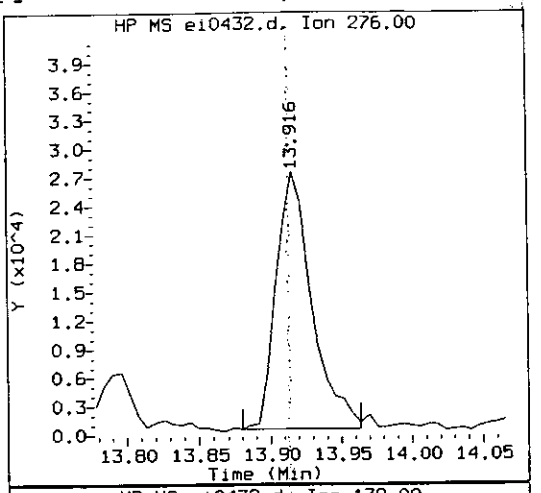
Analyst responsible for change: lmh195 09/09/08

GC/MS audit/management approval: 9/18/08

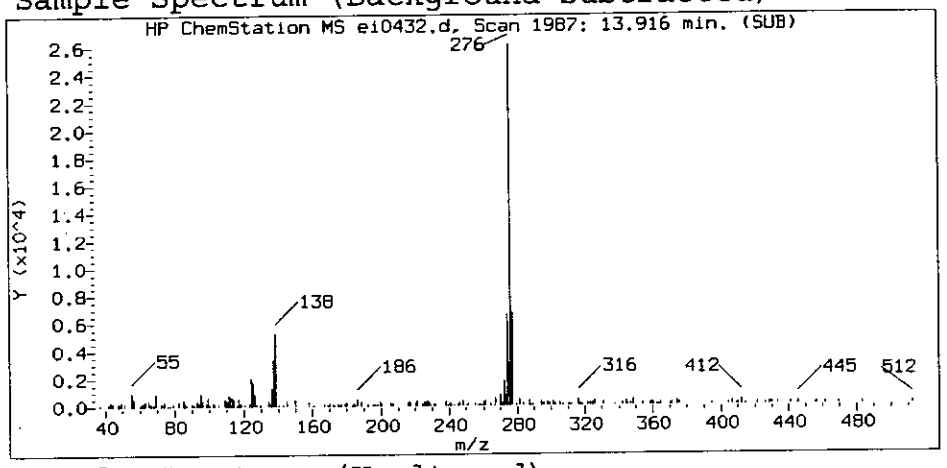
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

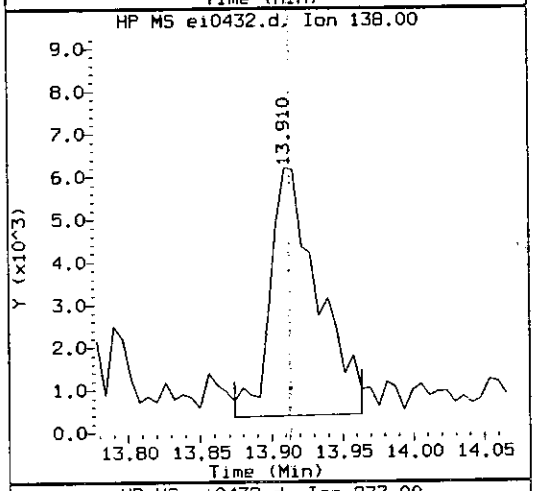
Reference Standard Spectrum for Indeno(1,2,3-cd)pyrene



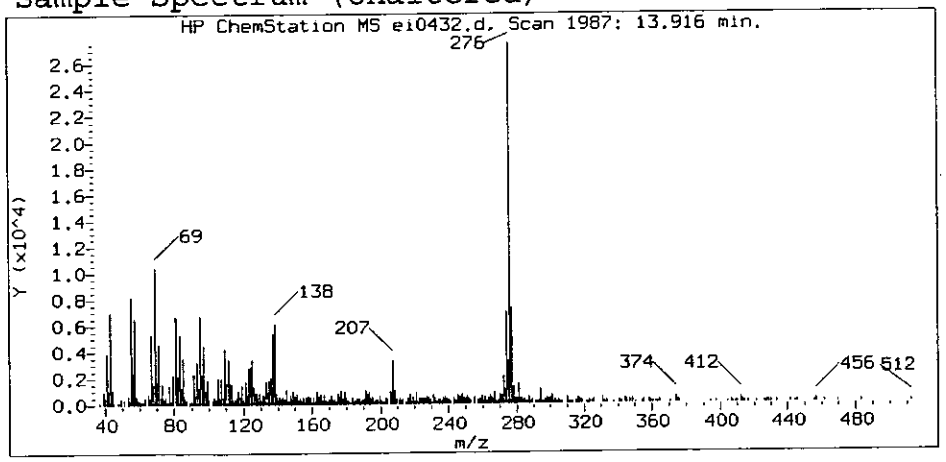


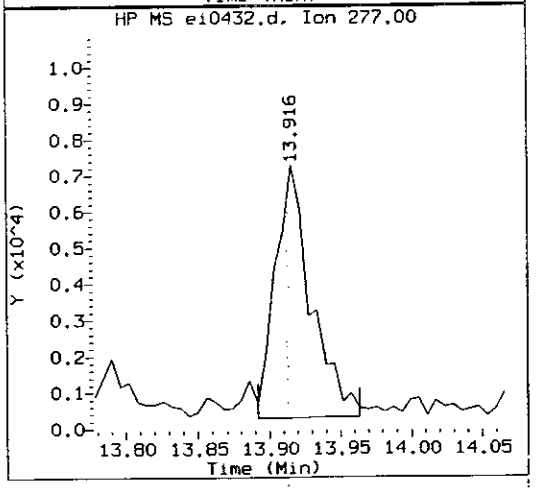
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

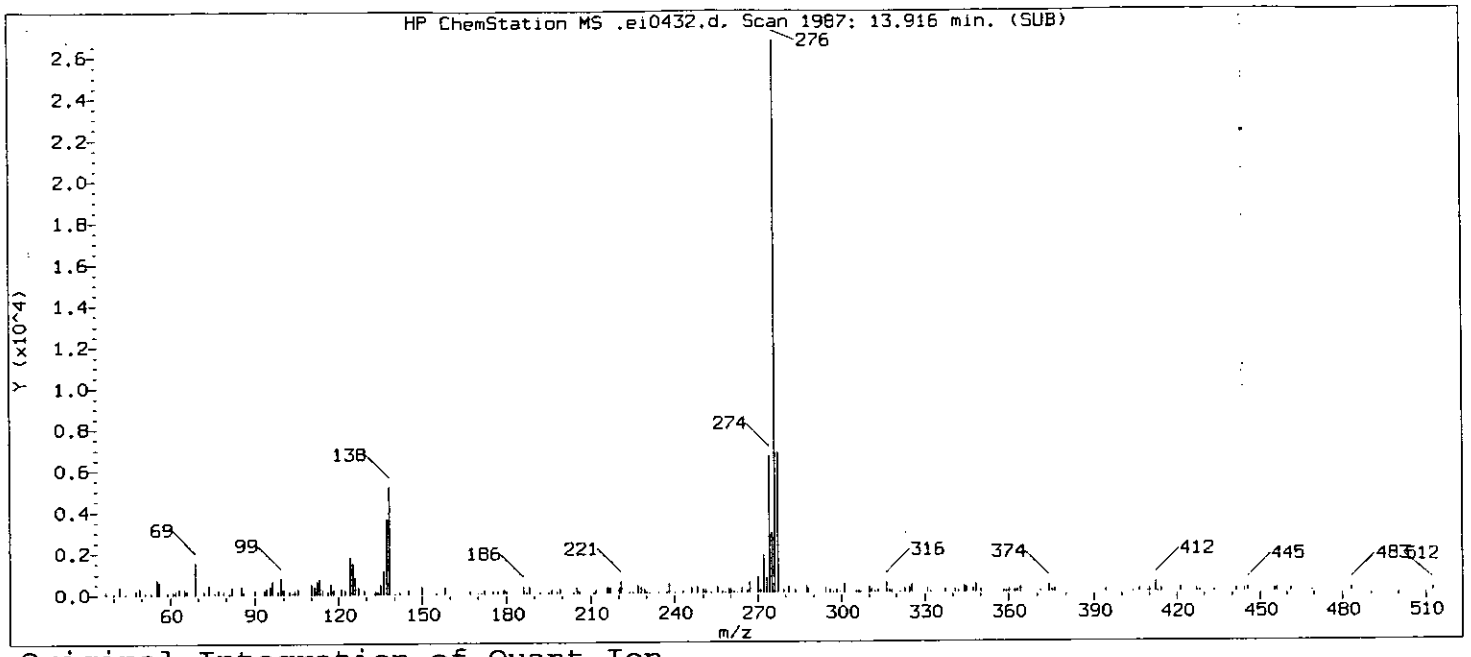
Sample Name: AMS33

Lab Sample ID: 5454445

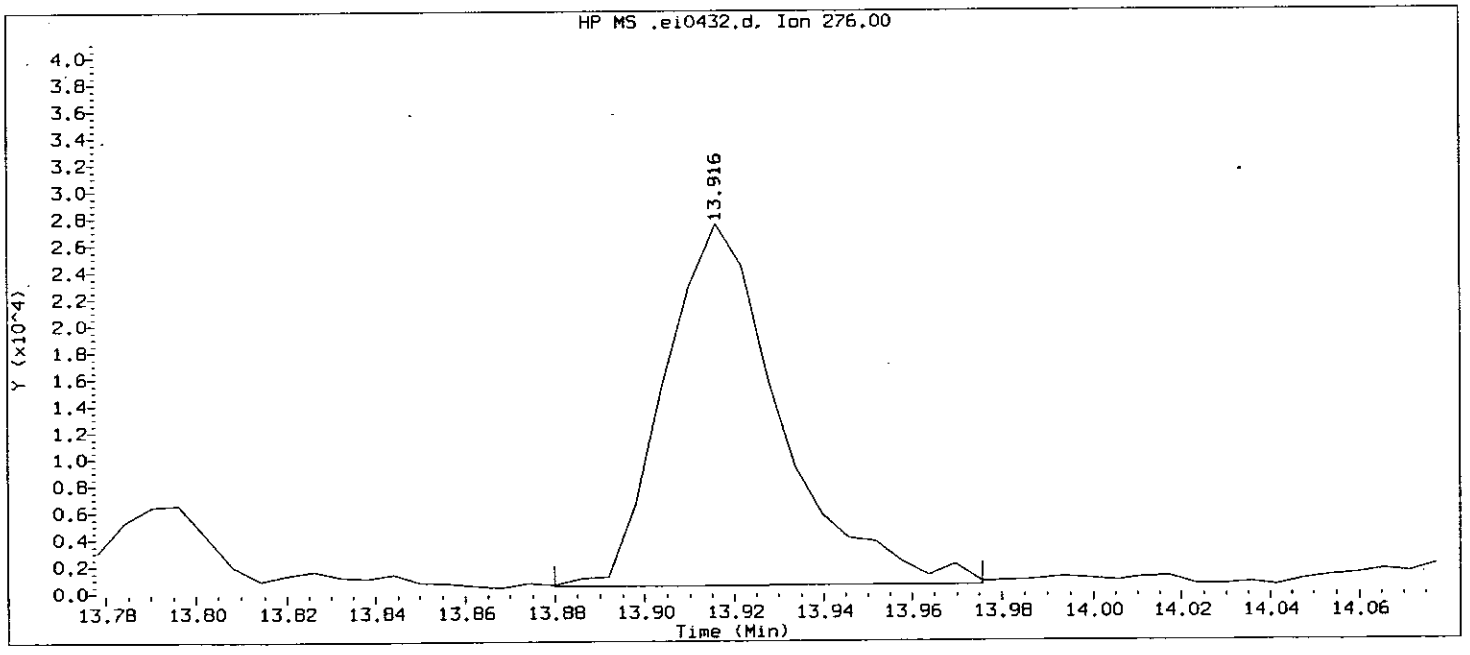
Compound Number	: 180
Compound Name	: Indeno(1,2,3-cd)pyrene
Scan Number	: 1987
Retention Time (minutes)	: 13.916
Quant Ion	: 276.0
Area (flag)	: 47517 M
Concentration (ng/ul)	: 4.2236

ASX04 8421

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

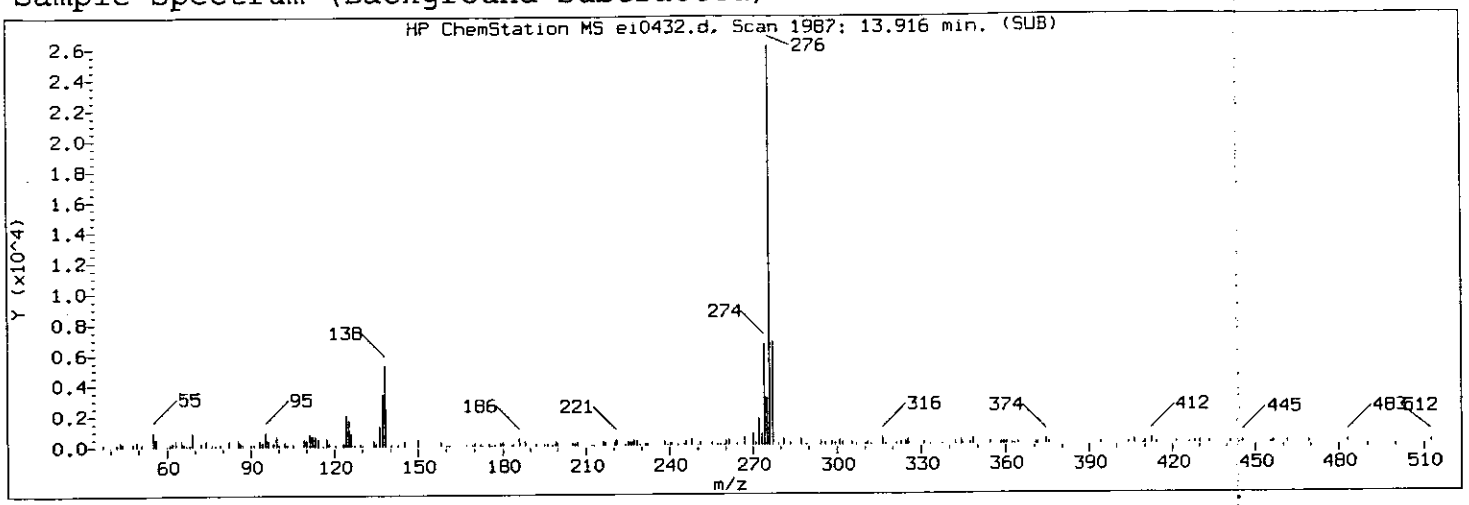
Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1987
Retention Time (minutes): 13.916
Quant Ion : 276
Area : 48613
Concentration (ng/ul) : 4.3211
Integration start scan : 1980 Integration stop scan: 1996
Y at integration start : 494 Y at integration end: 510

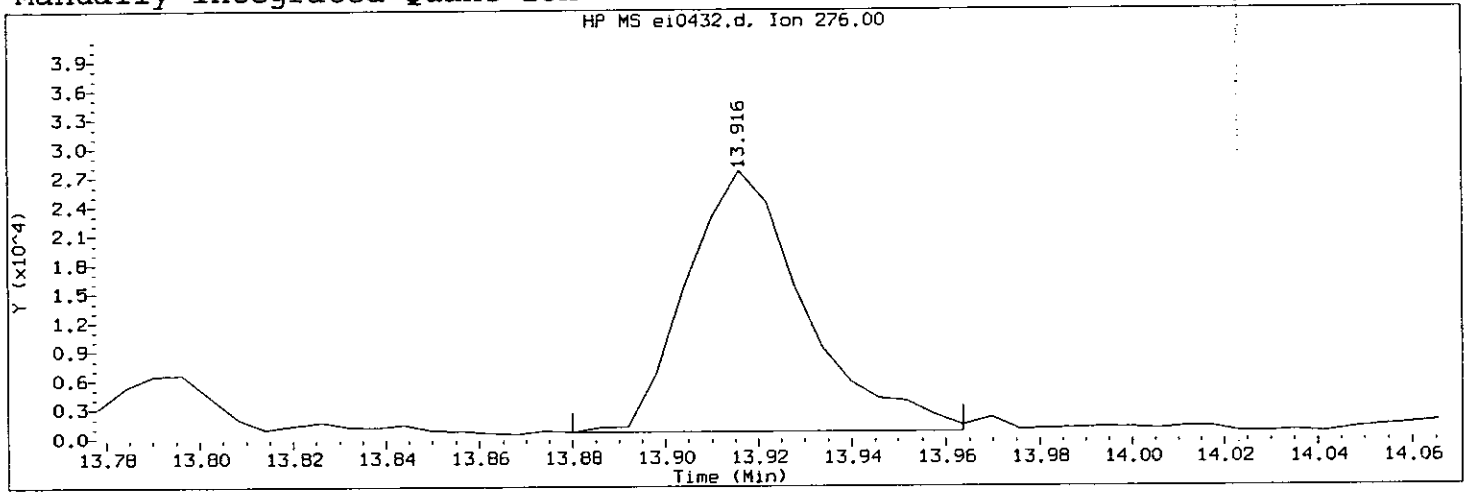
MM 196 09/09/08 ASX84 8422

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:23

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1987
Retention Time (minutes): 13.916
Quant Ion : 276
Area (flag) : 47517 M
Concentration (ng/ul) : 4.2236
Integration start scan : 1980 Integration stop scan: 1994
Y at integration start : 596 Y at integration end: 596

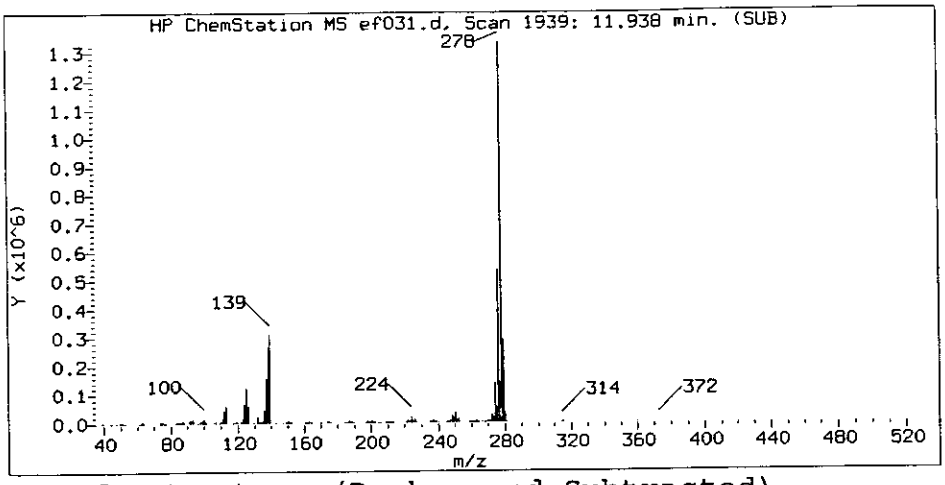
Reason for manual integration (circle one): missed peak improper integration

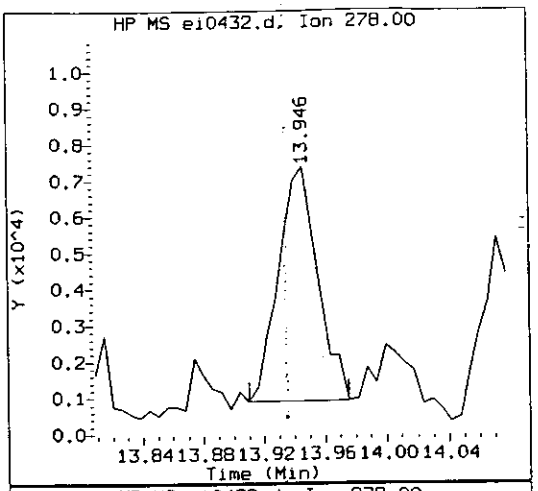
Analyst responsible for change: LMH195 09/09/08

GC/MS audit/management approval: 9/10/08

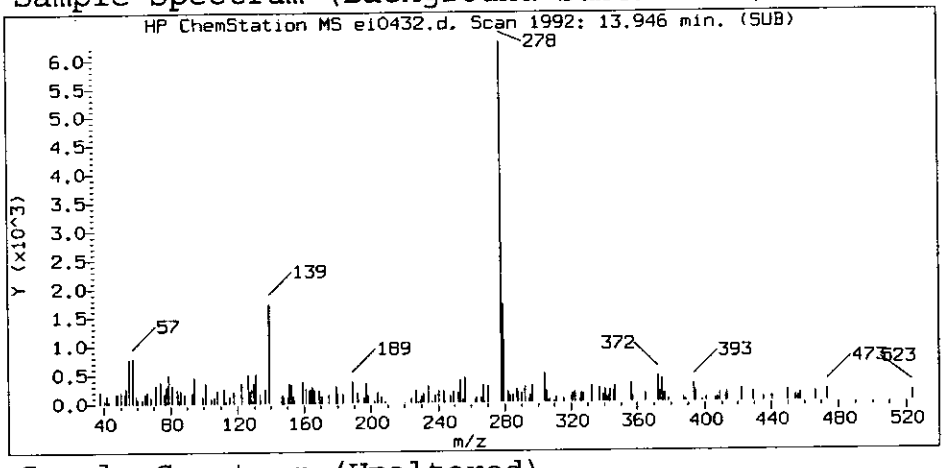
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

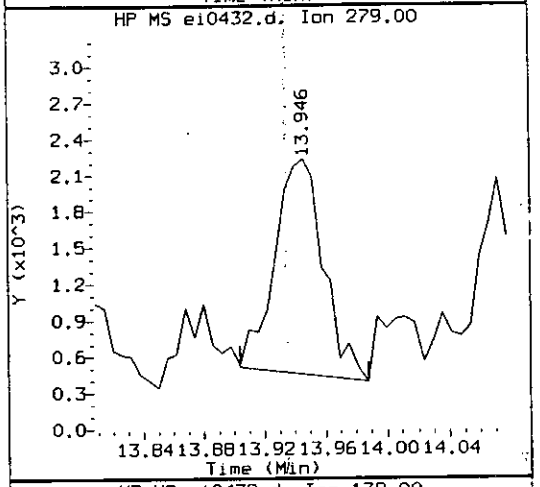
Reference Standard Spectrum for Dibenz(a,h)anthracene



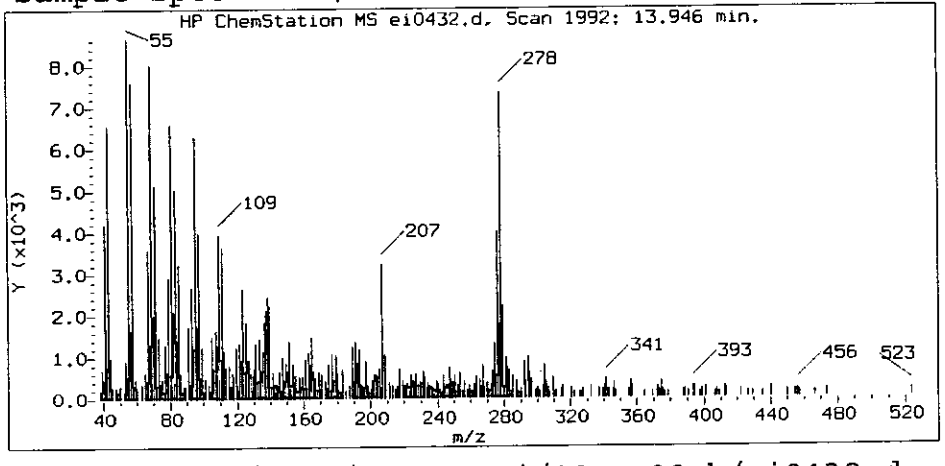


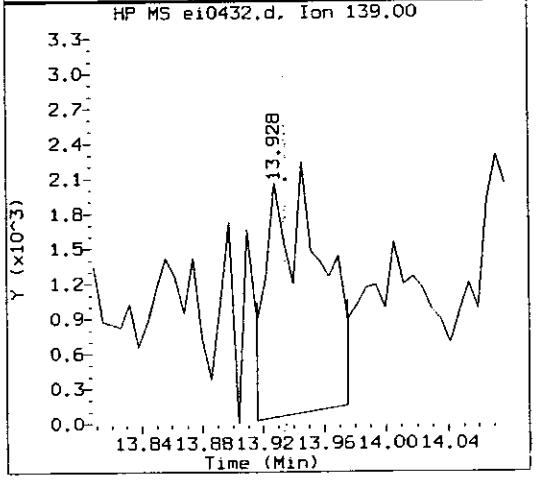
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

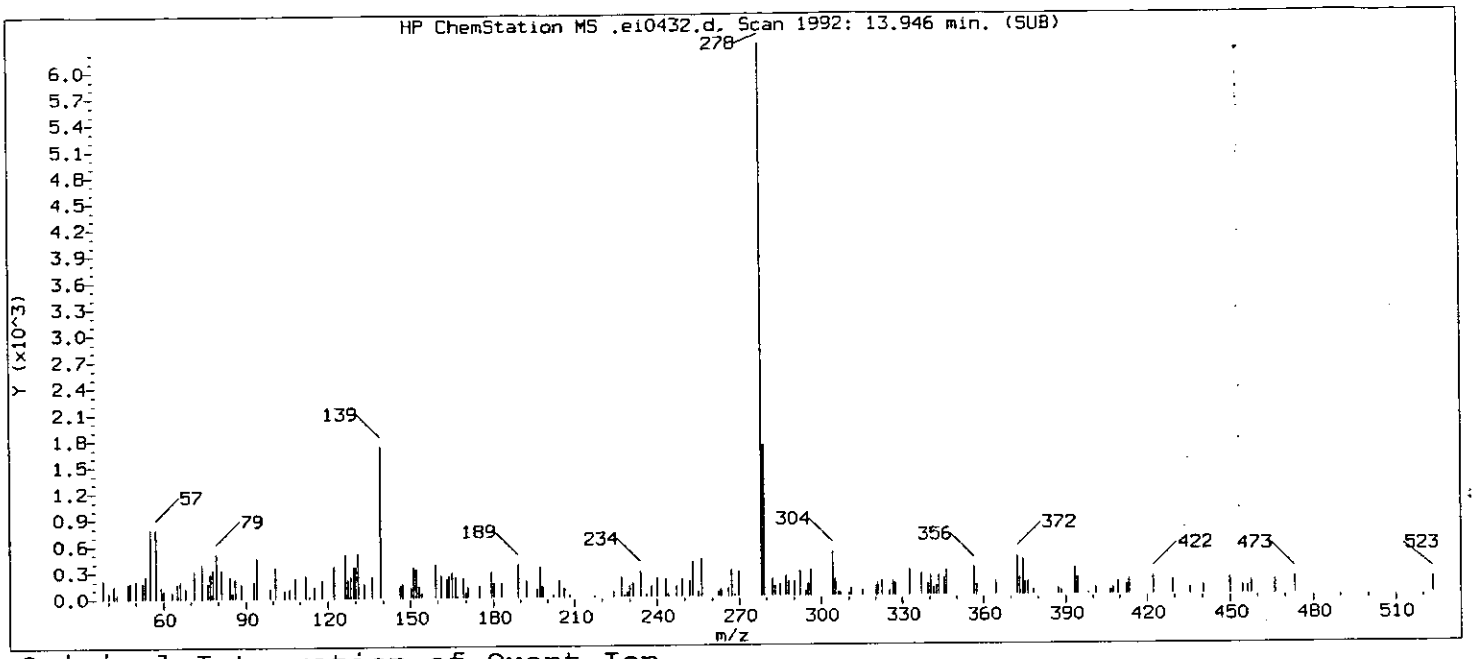
Sample Name: AMS33

Lab Sample ID: 5454445

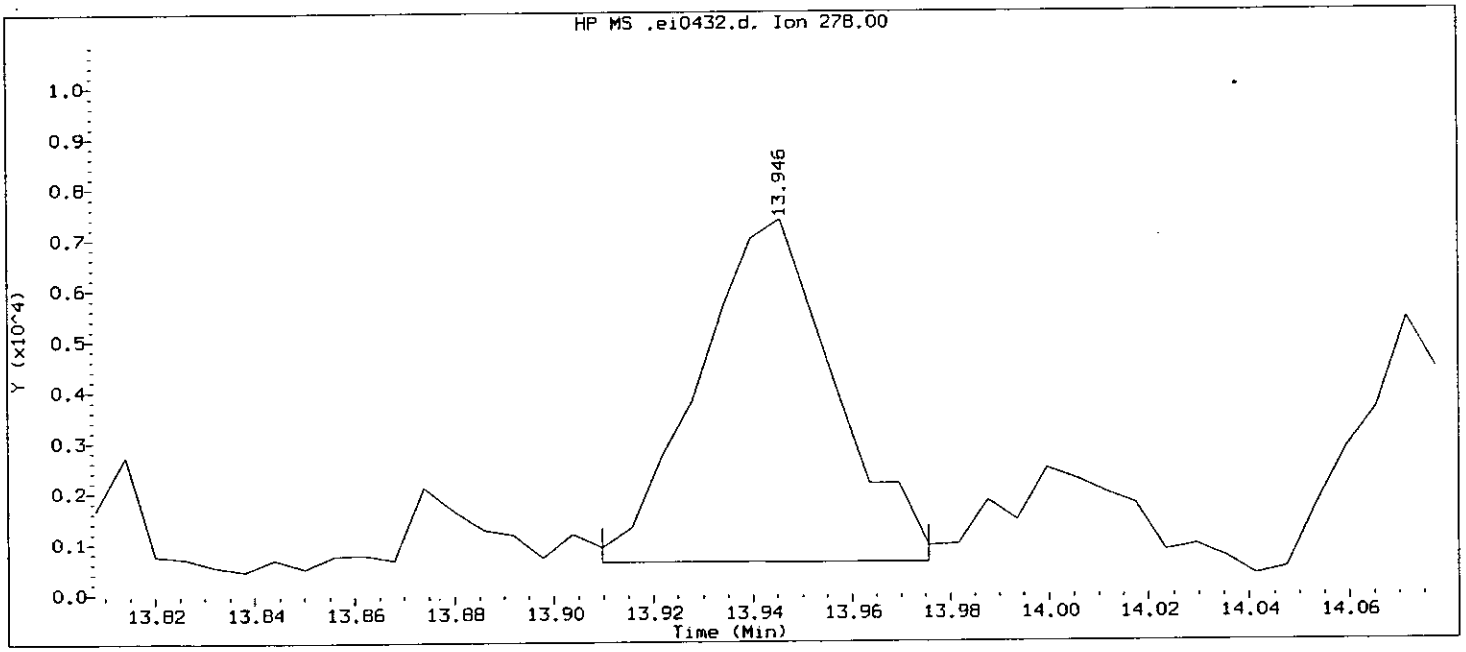
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1992
Retention Time (minutes)	: 13.946
Quant Ion	: 278.0
Area (flag)	: 11618 M
Concentration (ng/ul)	: 1.3279

ASX04 0424

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

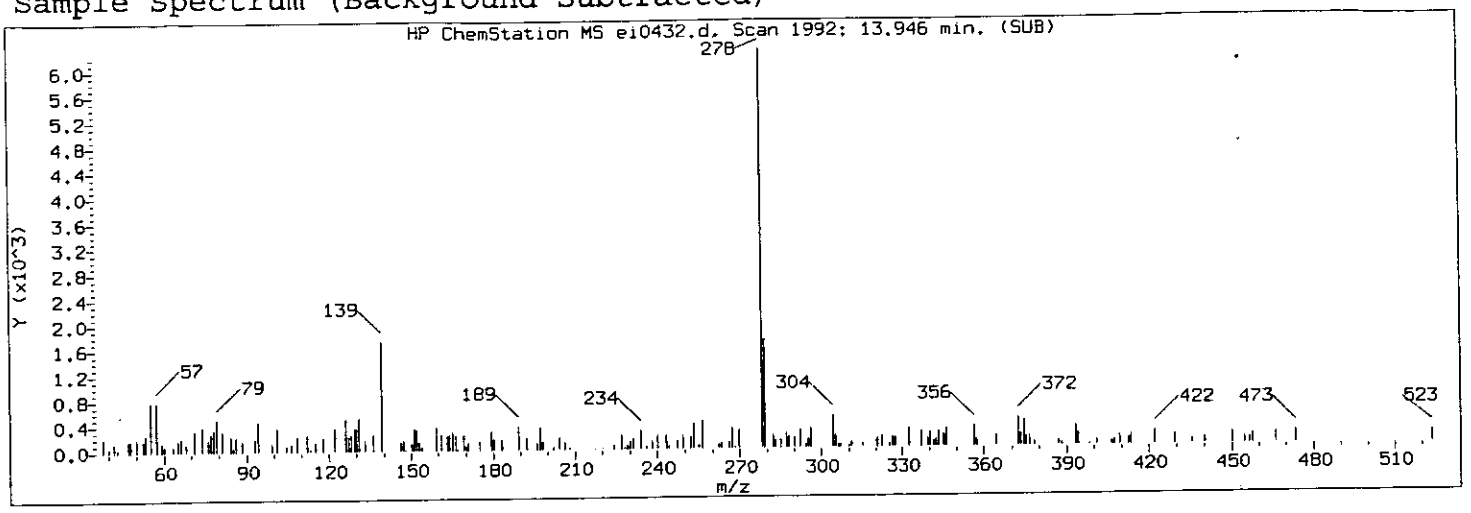
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1992
Retention Time (minutes)	: 13.946
Quant Ion	: 278
Area	: 12768
Concentration (ng/ul)	: 1.4594
Integration start scan	: 1985 Integration stop scan: 1996
Y at integration start	: 612 Y at integration end: 609

mm 09/09/08

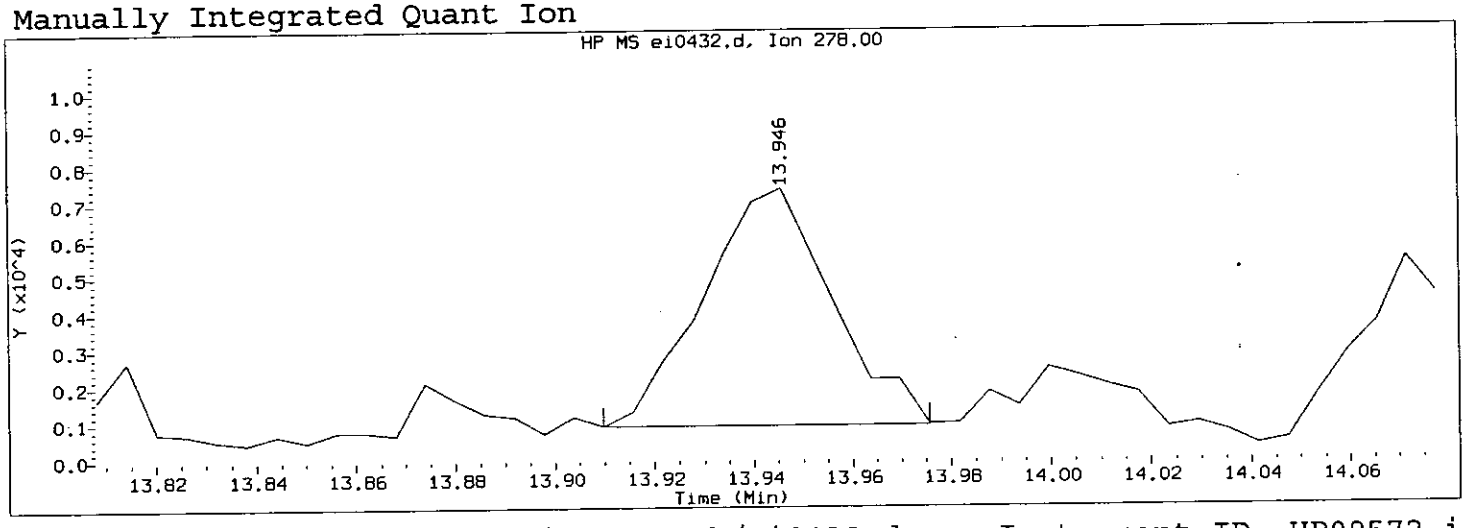
ASX04 8425

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:23

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1992
Retention Time (minutes): 13.946
Quant Ion : 278
Area (flag) : 11618 M
Concentration (ng/ul) : 1.3279
Integration start scan : 1985 Integration stop scan: 1996
Y at integration start : 903 Y at integration end: 903

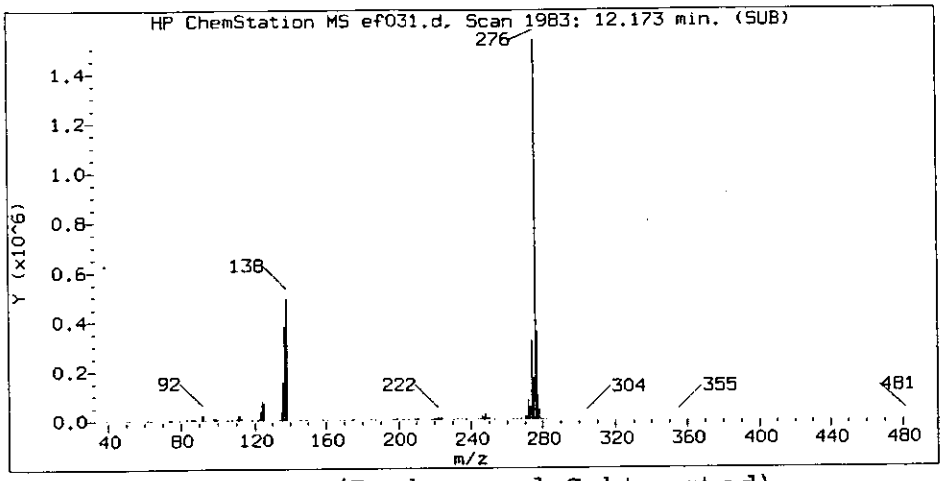
Reason for manual integration (circle one): missed peak improper integration

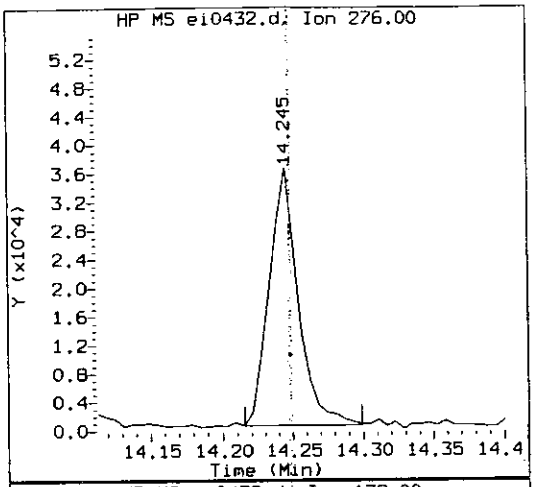
Analyst responsible for change: lmh195 09/09/08

GC/MS audit/management approval: 09/10/08

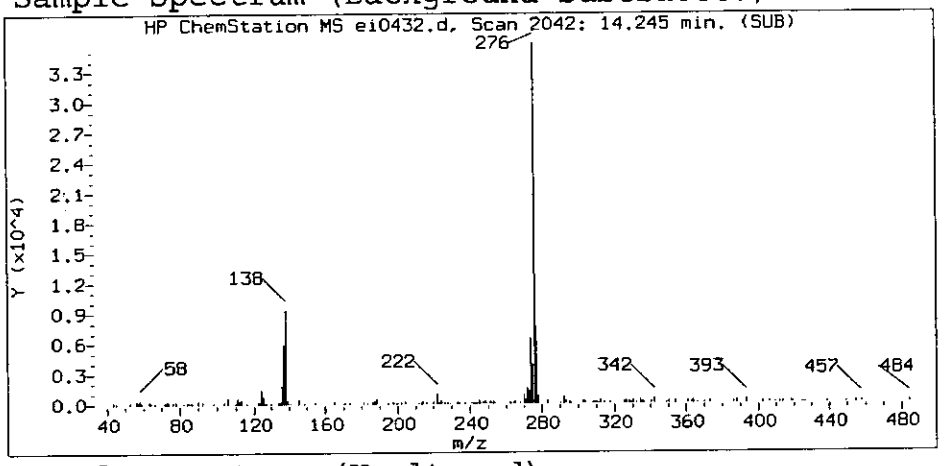
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

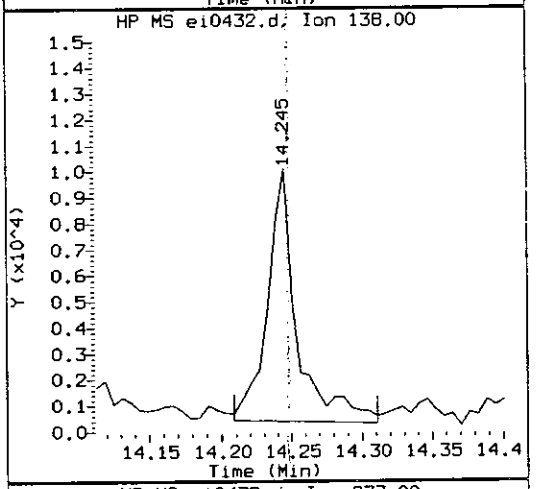
Reference Standard Spectrum for Benzo(g,h,i)perylene



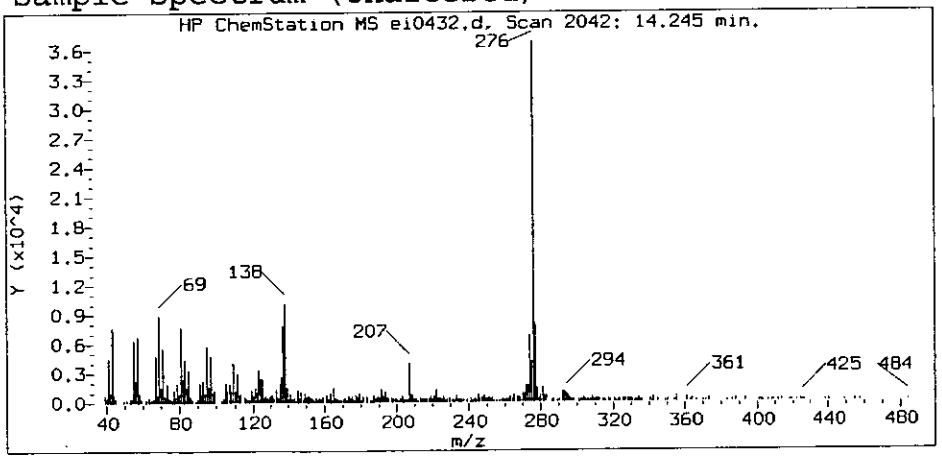


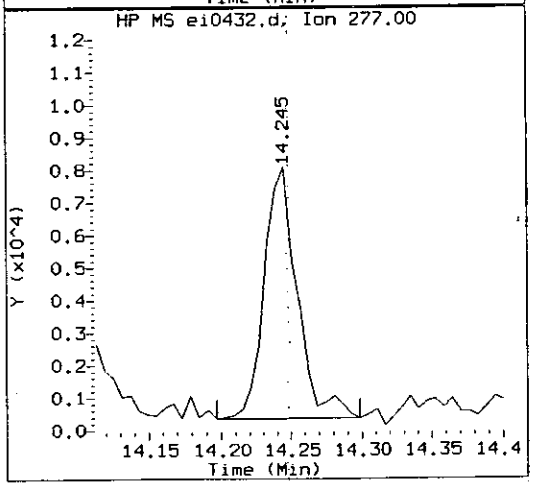
Sample Spectrum (Background Subtracted)





Sample Spectrum (Unaltered)





Data File: /chem/HP09572.i/08sep09.b/ei0432.d
Injection date and time: 09-SEP-2008 17:58

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

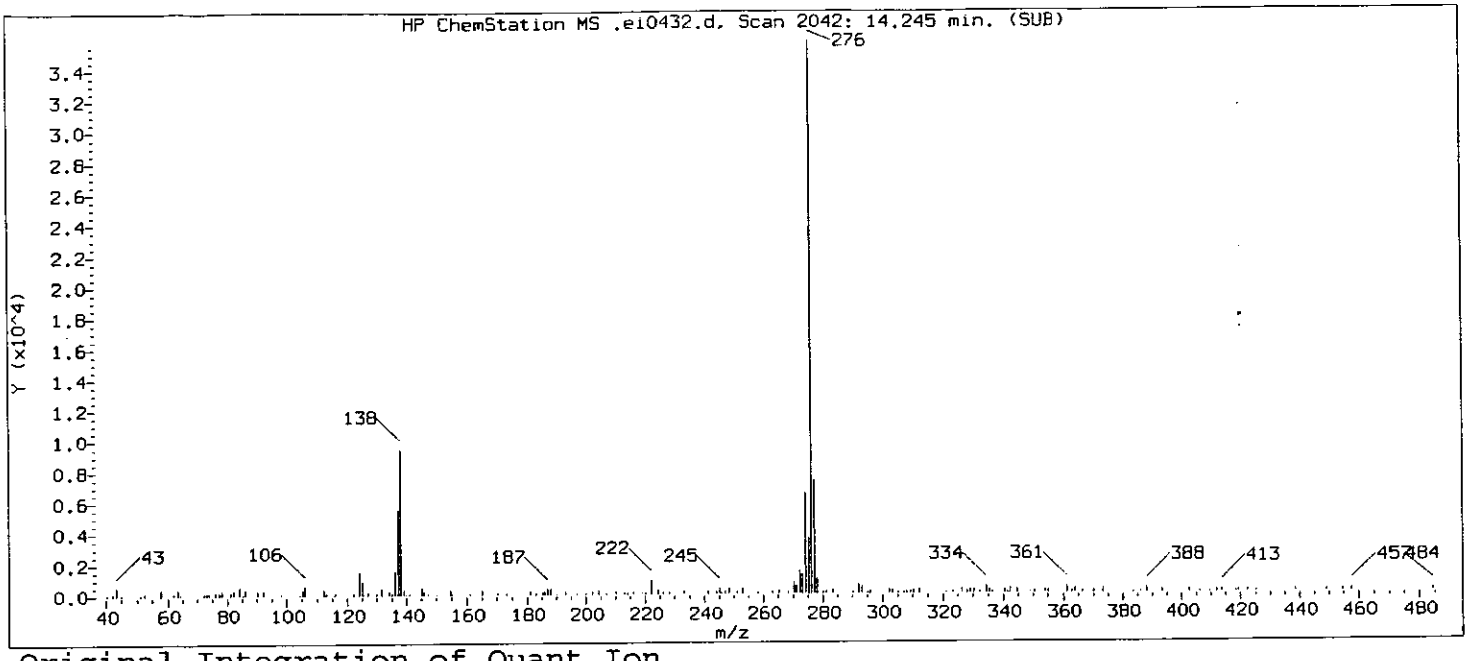
Sample Name: AMS33

Lab Sample ID: 5454445

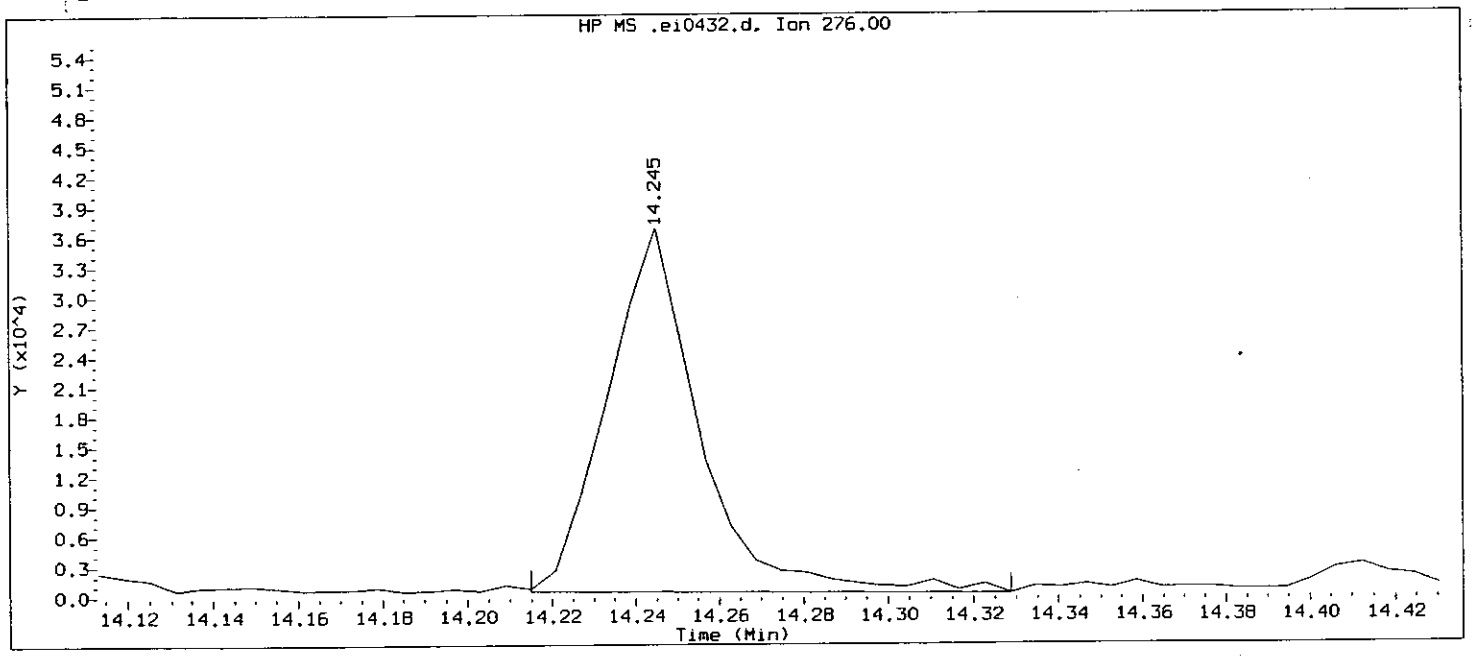
Compound Number	: 182
Compound Name	: Benzo(g,h,i)perylene
Scan Number	: 2042
Retention Time (minutes)	: 14.245
Quant Ion	: 276.0
Area (flag)	: 52401 M
Concentration (ng/ul)	: 5.5285

ASX04 8427

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

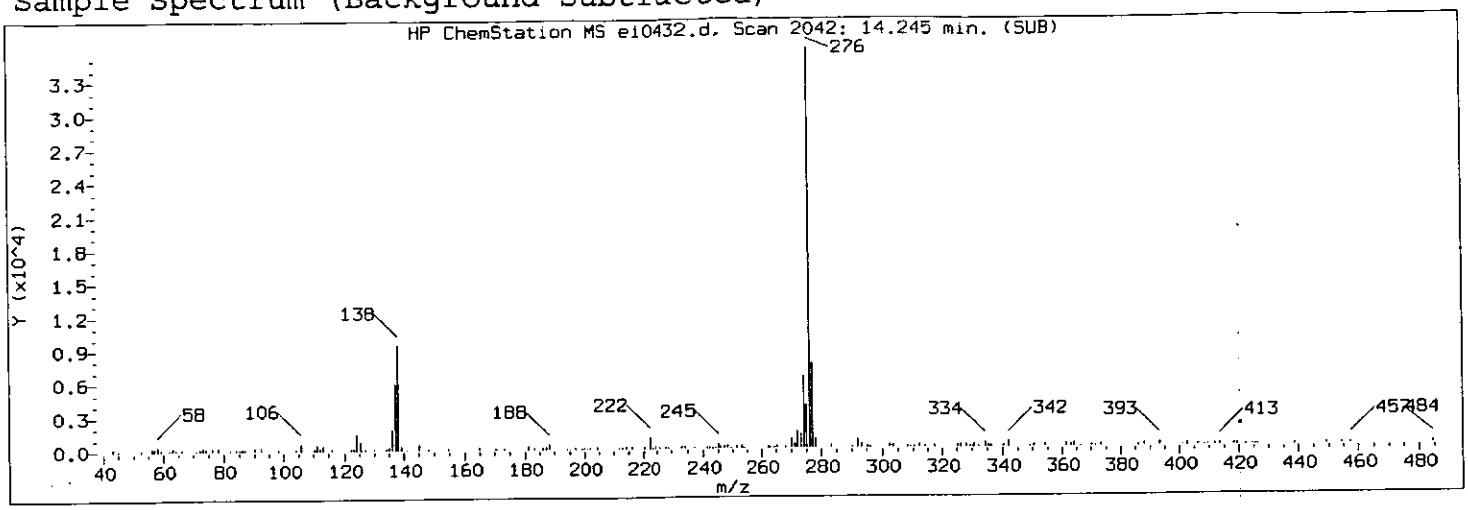
Compound Number	: 182
Compound Name	: Benzo(g,h,i)perylene
Scan Number	: 2042
Retention Time (minutes)	: 14.245
Quant Ion	: 276
Area	: 55363
Concentration (ng/ul)	: 5.8410
Integration start scan	: 2036 Integration stop scan: 2055
Y at integration start	: 530 Y at integration end: 208

LMN 09/09/08

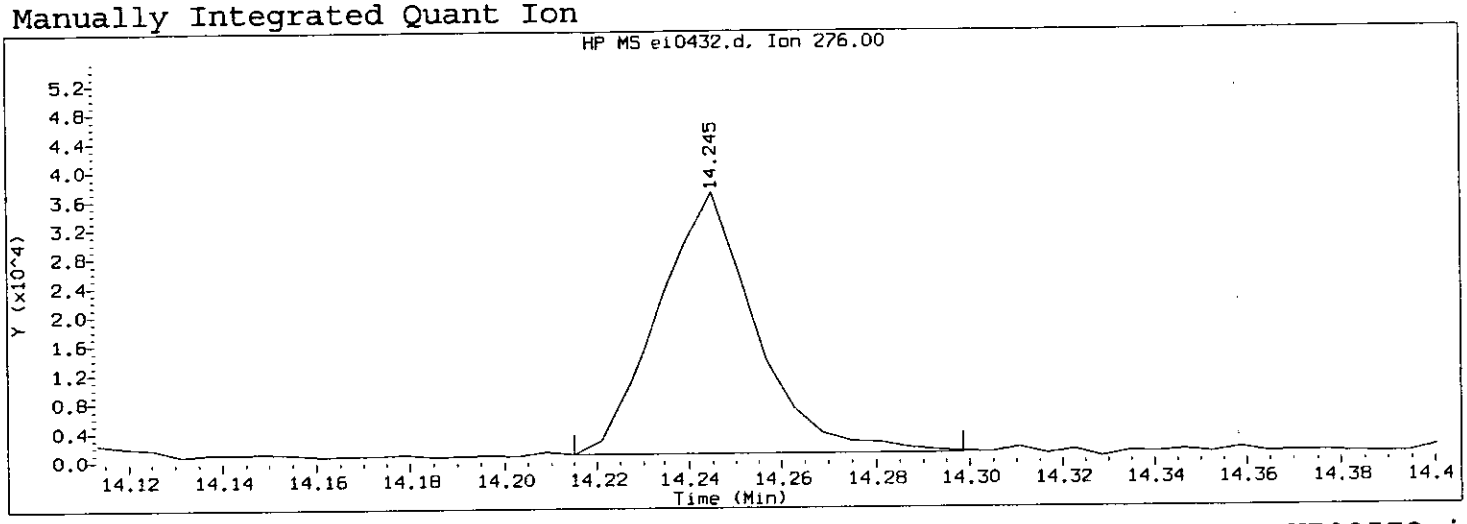
ASX84 8428

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:23

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0432.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 17:58 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

Sample Name: AMS33 Lab Sample ID: 5454445

Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2042
Retention Time (minutes): 14.245
Quant Ion : 276
Area (flag) : 52401 M
Concentration (ng/ul) : 5.5285
Integration start scan : 2036 Integration stop scan: 2050
Y at integration start : 757 Y at integration end: 757

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH956 09/09/08

9/10/08

GC/MS audit/management approval: _____

AMS33MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454446

Data file: /chem/HP09572.i/08sep09.b/ei0433.d
Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 18:22
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	79876(6)	40.00	
53) Naphthalene-d8	6.061(0.000)	674	136.0	367877(7)	40.00	
98) Acenaphthene-d10	7.527(0.000)	919	164.0	211573(-2)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	367204(-6)	40.00	
168) Chrysene-d12	10.997(0.000)	1499	240.0	321003(-25)	40.00	
176) Perylene-d12	12.606(0.000)	1768	264.0	281240(-19)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.806(-0.001)	112	644092	168.103	84%		38 - 124
15) Phenol-d6	(1)	4.667(-0.001)	99	1009623	170.879	85%		41 - 120
38) Nitrobenzene-d5	(2)	5.451(0.000)	82	487554	88.606	89%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(0.000)	172	680229	93.042	93%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(0.000)	330	200688	172.628	86%		34 - 138
157) Terphenyl-d14	(5)	10.057(0.000)	244	660209	88.296	88%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.673(0.000)	94	281145	46.036	1534.53			1.00
18) bis(2-Chloroethyl)ether	(1)	4.745(0.000)	93	202987	43.280	1442.66			1.00
19) 2-Chlorophenol	(1)	4.781(0.000)	128	152710	45.893	1529.78			1.00
20) 1,3-Dichlorobenzene	(1)	4.913(0.000)	146	142843	42.501	1416.71			1.00
22) 1,4-Dichlorobenzene	(1)	4.978(0.000)	146	150636	44.002	1466.74			1.00
25) 1,2-Dichlorobenzene	(1)	5.110(0.000)	146	141891	44.913	1497.11			1.00
26) 2-Methylphenol	(1)	5.200(0.002)	108	176661	50.044	1668.15			2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212(0.000)	45	207855	47.691	1589.71			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.325(0.002)	70	187924	43.573	1452.44			1.00
33) 4-Methylphenol	(1)	5.331(0.001)	108	197077	48.946	1631.55			2.00
37) Hexachloroethane	(1)	5.397(0.000)	117	61576	43.604	1453.47			1.00
39) Nitrobenzene	(2)	5.469(0.000)	77	266544	44.921	1497.36			1.00
41) Isophorone	(2)	5.672(0.001)	82	483692	44.333	1477.75			1.00
43) 2-Nitrophenol	(2)	5.738(0.000)	139	81207	47.021	1567.38			1.00
45) 2,4-Dimethylphenol	(2)	5.786(0.000)	107	192681	44.780	1492.67			2.00
47) bis(2-Chloroethoxy)methane	(2)	5.864(0.001)	93	251171	44.047	1468.25			1.00
50) 2,4-Dichlorophenol	(2)	5.948(0.000)	162	126518	45.605	1520.15			1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(0.000)	180	140401	51.895	1729.85			1.00
54) Naphthalene	(2)	6.079(0.000)	128	479817	48.030	1601.01			1.00
56) 4-Chloroaniline	(2)	6.127(0.001)	127	82841	19.706	656.88			2.00
60) Hexachlorobutadiene	(2)	6.181(0.000)	225	81021	53.625	1787.50			2.00
68) 4-Chloro-3-methylphenol	(2)	6.552(0.000)	107	176170	46.714	1557.13			2.00

ASX84 0430

AMS33MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454446

Data file: /chem/HP09572.i/08sep09.b/ei0433.d
Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 18:22
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	330673	49.757	1658.58			1.00
72) Hexachlorocyclopentadiene	(3)	6.791(0.000)	237	115662	71.455	2381.83			5.00
75) 2,4,6-Trichlorophenol	(3)	6.899(0.001)	196	89133	45.940	1531.33			1.00
77) 2,4,5-Trichlorophenol	(3)	6.935(0.000)	196	97337	43.754	1458.46			2.00
84) 2-Chloronaphthalene	(3)	7.066(0.001)	162	398566	55.192	1839.73			1.00
89) 2-Nitroaniline	(3)	7.156(0.001)	138	100766	45.919	1530.62			1.00
92) Dimethylphthalate	(3)	7.311(0.001)	163	342919	45.924	1530.81			2.00
94) 2,6-Dinitrotoluene	(3)	7.359(0.001)	165	81337	48.529	1617.65			1.00
95) Acenaphthylene	(3)	7.407(0.001)	152	489198	50.124	1670.79			1.00
97) 3-Nitroaniline	(3)	7.497(0.001)	138	85674	43.343	1444.78			2.00
99) Acenaphthene	(3)	7.551(0.000)	153	287531	48.542	1618.06			1.00
100) 2,4-Dinitrophenol	(3)	7.587(0.000)	184	23464	30.029	1000.97			20.00
103) 4-Nitrophenol	(3)	7.646(0.001)	109	57358	42.106	1403.55			5.00
104) Dibenzofuran	(3)	7.694(0.000)	168	430937	46.772	1559.08			1.00
105) 2,4-Dinitrotoluene	(3)	7.694(0.000)	165	105287	47.256	1575.18			2.00
109) Diethylphthalate	(3)	7.892(0.001)	149	331047	46.312	1543.73			2.00
111) Fluorene	(3)	7.976(0.000)	166	354759	47.757	1591.90			1.00
112) 4-Chlorophenyl-phenylether	(3)	7.981(0.000)	204	164781	47.285	1576.17			1.00
114) 4-Nitroaniline	(3)	7.999(0.002)	138	73088	34.320	1144.00			2.00
115) 4,6-Dinitro-2-methylphenol	(4)	8.023(0.001)	198	40796	38.804	1293.47			5.00
117) N-Nitrosodiphenylamine	(4)	8.077(0.001)	169	296449	56.961	1898.72			1.00
126) 4-Bromophenyl-phenylether	(4)	8.382(0.000)	248	104029	51.191	1706.37			1.00
128) Hexachlorobenzene	(4)	8.424(0.000)	284	104830	47.816	1593.87			1.00
132) Pentachlorophenol	(4)	8.592(0.000)	266	36726	26.561	885.37			5.00
138) Phenanthrene	(4)	8.765(0.001)	178	520313	53.902	1796.72			1.00
139) Anthracene	(4)	8.807(0.001)	178	528892	51.331	1711.04			1.00
141) Carbazole	(4)	8.945(0.000)	167	470992	46.119	1537.32			1.00
143) Di-n-butylphthalate	(4)	9.232(0.000)	149	553516	45.872	1529.05			2.00
148) Fluoranthene	(4)	9.740(0.000)	202	534637	47.043	1568.09			1.00
155) Pyrene	(5)	9.926(0.001)	202	550121	57.741	1924.69			1.00
162) Butylbenzylphthalate	(5)	10.470(0.001)	149	217651	49.450	1648.33			2.00
165) 3,3'-Dichlorobenzidine	(5)	10.961(0.001)	252	127567	37.459	1248.64			3.00
167) Benzo(a)anthracene	(5)	10.985(0.001)	228	477558	51.536	1717.88			1.00
169) Chrysene	(5)	11.020(0.001)	228	474395	53.652	1788.41			1.00
170) bis(2-Ethylhexyl)phthalate	(5)	11.020(0.000)	149	289098	52.116	1737.18			2.00
171) Di-n-octylphthalate	(6)	11.726(0.000)	149	500392	46.184	1539.48			2.00
173) Benzo(b)fluoranthene	(6)	12.157(0.000)	252	530502	51.573	1719.11			1.00
174) Benzo(k)fluoranthene	(6)	12.187(0.000)	252	507515	47.364	1578.80			1.00
175) Benzo(a)pyrene	(6)	12.540(0.000)	252	498246	53.480	1782.66			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.928(0.001)	276	572126	51.302	1710.08			1.00
181) Dibenz(a,h)anthracene	(6)	13.958(0.001)	278	470687	54.271	1809.03			1.00

6SX04 0431

AMS33MS

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454446

Data file: /chem/HP09572.i/08sep09.b/ei0433.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 18:22
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.257	(0.001)	276	499221	53.133	1771.11			1.00

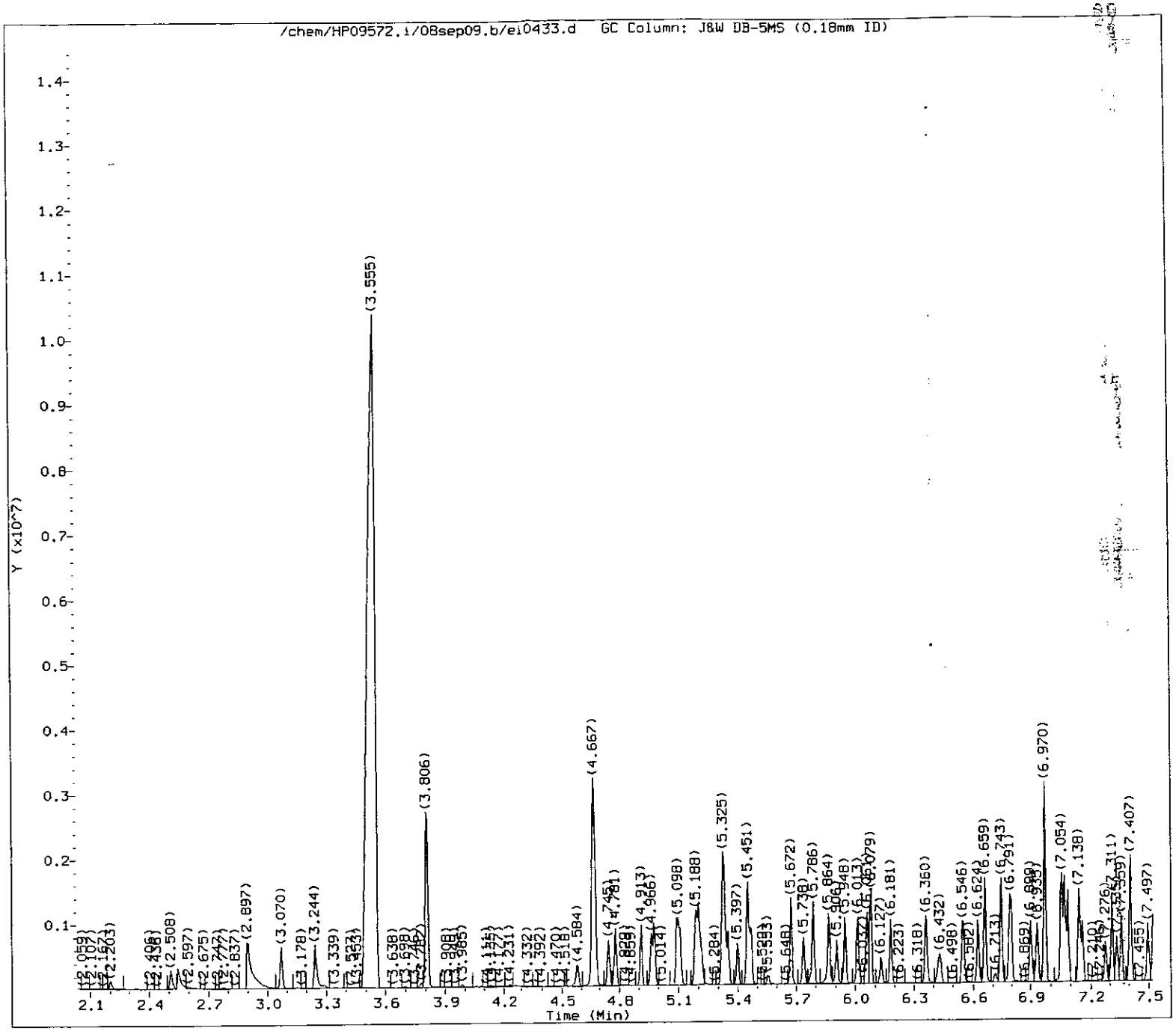
E = CONC. OUT OF CAL. RANGE
# = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX04 0432



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0433.d
Injection date and time: 09-SEP-2008 18:22

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

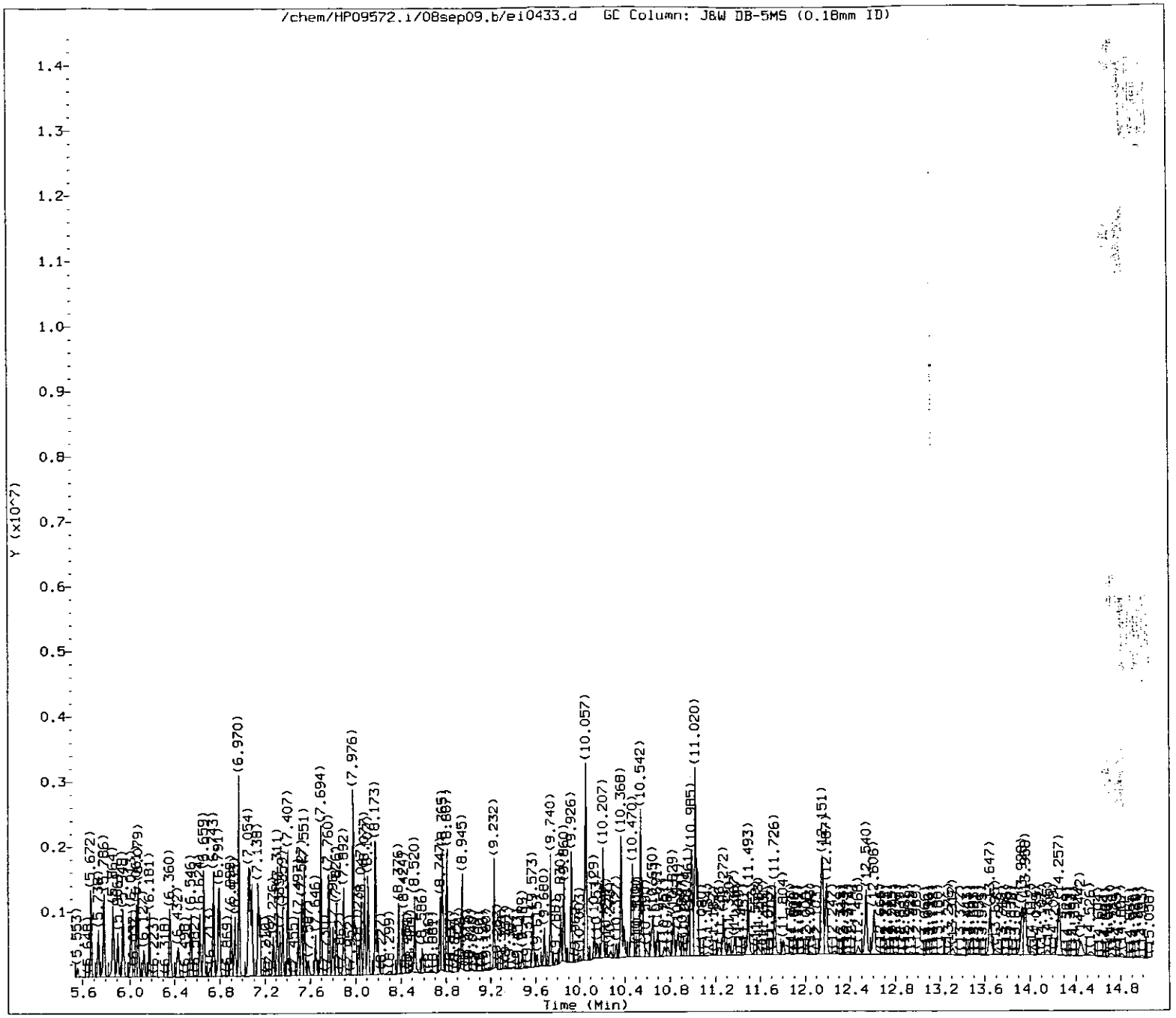
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MS

Lab Sample ID: 5454446

ASX84 8433

Lmh 9/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0433.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:22 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MS Lab Sample ID: 5454446

ASX04 0434

Lmh 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0433.d
Injection date and time: 09-SEP-2008 18:22

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MS

Lab Sample ID: 5454446

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16) Phenol	(1)	4.673	94	281145	46.0360
18) bis(2-Chloroethyl)ether	(1)	4.745	93	202987	43.2799
19) 2-Chlorophenol	(1)	4.781	128	152710	45.8934
20) 1,3-Dichlorobenzene	(1)	4.913	146	142843	42.5013
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	79876	40.0000
22) 1,4-Dichlorobenzene	(1)	4.978	146	150636	44.0021
25) 1,2-Dichlorobenzene	(1)	5.110	146	141891	44.9133
26) 2-Methylphenol	(1)	5.200	108	176661	50.0444
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212	45	207855	47.6912
31) N-Nitroso-di-n-propylamine	(1)	5.325	70	187924	43.5733
33) 4-Methylphenol	(1)	5.331	108	197077	48.9465
37) Hexachloroethane	(1)	5.397	117	61576	43.6040
39) Nitrobenzene	(2)	5.469	77	266544	44.9208
41) Isophorone	(2)	5.672	82	483692	44.3326
43) 2-Nitrophenol	(2)	5.738	139	81207	47.0213
45) 2,4-Dimethylphenol	(2)	5.786	107	192681	44.7801
47) bis(2-Chloroethoxy)methane	(2)	5.864	93	251171	44.0474
50) 2,4-Dichlorophenol	(2)	5.948	162	126518	45.6046
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	140401	51.8955
53) Naphthalene-d8	(2)	6.061	136	367877	40.0000
54) Naphthalene	(2)	6.079	128	479817	48.0302
56) 4-Chloroaniline	(2)	6.127	127	82841	19.7063
60) Hexachlorobutadiene	(2)	6.181	225	81021	53.6249
68) 4-Chloro-3-methylphenol	(2)	6.552	107	176170	46.7139
70) 2-Methylnaphthalene	(2)	6.659	142	330673	49.7574
72) Hexachlorocyclopentadiene	(3)	6.791	237	115662	71.4549
75) 2,4,6-Trichlorophenol	(3)	6.899	196	89133	45.9400
77) 2,4,5-Trichlorophenol	(3)	6.935	196	97337	43.7538
84) 2-Chloronaphthalene	(3)	7.066	162	398566M	55.1920
89) 2-Nitroaniline	(3)	7.156	138	100766	45.9185
92) Dimethylphthalate	(3)	7.311	163	342919	45.9244
94) 2,6-Dinitrotoluene	(3)	7.359	165	81337	48.5294
95) Acenaphthylene	(3)	7.407	152	489198	50.1238
97) 3-Nitroaniline	(3)	7.497	138	85674	43.3435
98) Acenaphthene-d10	(3)	7.527	164	211573	40.0000
99) Acenaphthene	(3)	7.551	153	287531	48.5418
100) 2,4-Dinitrophenol	(3)	7.587	184	23464	30.0290
103) 4-Nitrophenol	(3)	7.646	109	57358	42.1064
104) Dibenzofuran	(3)	7.694	168	430937	46.7724
105) 2,4-Dinitrotoluene	(3)	7.694	165	105287	47.2555
109) Diethylphthalate	(3)	7.892	149	331047	46.3118
111) Fluorene	(3)	7.976	166	354759	47.7569

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0433.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:22 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

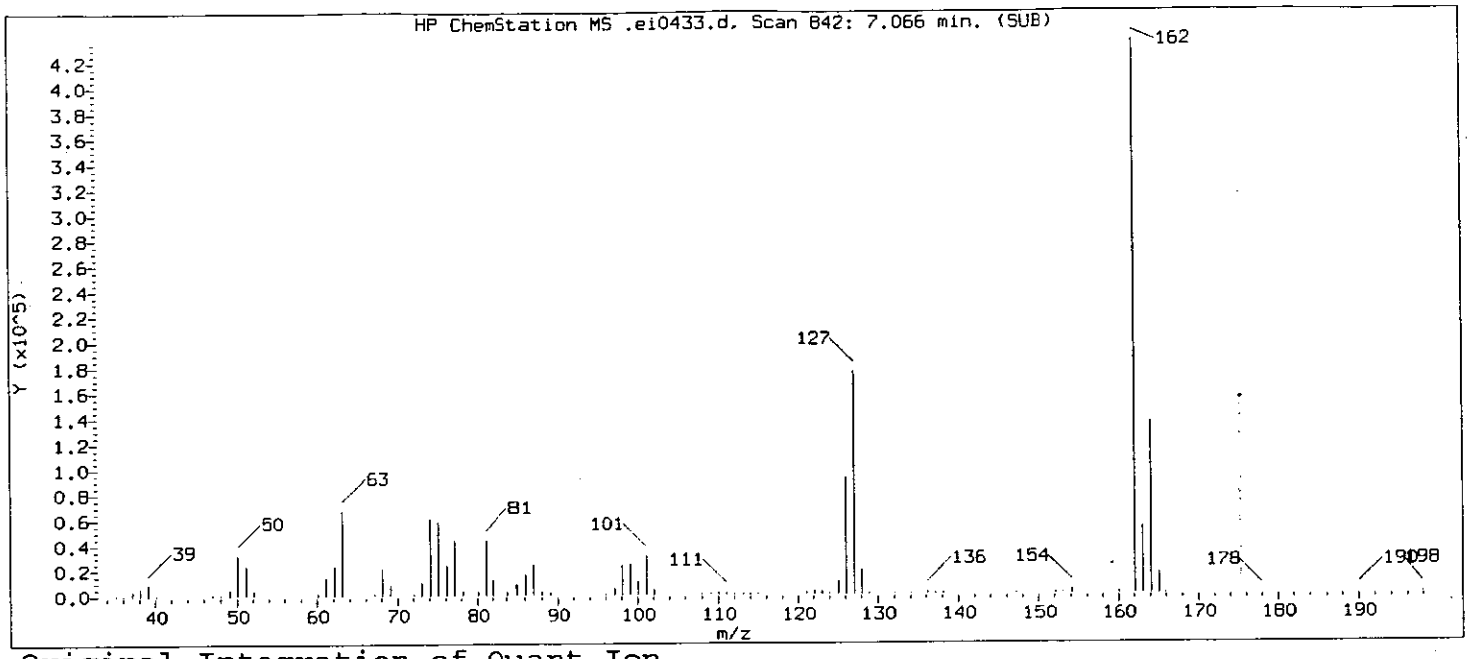
Sample Name: AMS33MS Lab Sample ID: 5454446

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
112) 4-Chlorophenyl-phenylether	(3)	7.981	204	164781	47.2850
114) 4-Nitroaniline	(3)	7.999	138	73088	34.3201
115) 4,6-Dinitro-2-methylphenol	(4)	8.023	198	40796	38.8041
117) N-Nitrosodiphenylamine	(4)	8.077	169	296449	56.9615
126) 4-Bromophenyl-phenylether	(4)	8.382	248	104029	51.1910
128) Hexachlorobenzene	(4)	8.424	284	104830	47.8161
132) Pentachlorophenol	(4)	8.592	266	36726	26.5612
136) Phenanthrene-d10	(4)	8.747	188	367204	40.0000
138) Phenanthrene	(4)	8.765	178	520313	53.9016
139) Anthracene	(4)	8.807	178	528892	51.3311
141) Carbazole	(4)	8.945	167	470992	46.1195
143) Di-n-butylphthalate	(4)	9.232	149	553516	45.8716
148) Fluoranthene	(4)	9.740	202	534637	47.0426
155) Pyrene	(5)	9.926	202	550121	57.7408
162) Butylbenzylphthalate	(5)	10.470	149	217651	49.4500
165) 3,3'-Dichlorobenzidine	(5)	10.961	252	127567	37.4593
167) Benzo(a)anthracene	(5)	10.985	228	477558	51.5365
168) Chrysene-d12	(5)	10.997	240	321003	40.0000
169) Chrysene	(5)	11.020	228	474395	53.6523
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	289098	52.1155
171) Di-n-octylphthalate	(6)	11.726	149	500392	46.1844
173) Benzo(b)fluoranthene	(6)	12.157	252	530502	51.5734
174) Benzo(k)fluoranthene	(6)	12.187	252	507515	47.3639
175) Benzo(a)pyrene	(6)	12.540	252	498246	53.4798
176) Perylene-d12	(6)	12.606	264	281240	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.928	276	572126	51.3024
181) Dibenz(a,h)anthracene	(6)	13.958	278	470687	54.2710
182) Benzo(g,h,i)perylene	(6)	14.257	276	499221	53.1333
9) 2-Fluorophenol	(1)	3.806	112	644092	168.1027
15) Phenol-d6	(1)	4.667	99	1009623	170.8794
38) Nitrobenzene-d5	(2)	5.451	82	487554	88.6056
78) 2-Fluorobiphenyl	(3)	6.970	172	680229	93.0425
119) 2,4,6-Tribromophenol	(3)	8.179	330	200688	172.6278
157) Terphenyl-d14	(5)	10.057	244	660209	88.2961

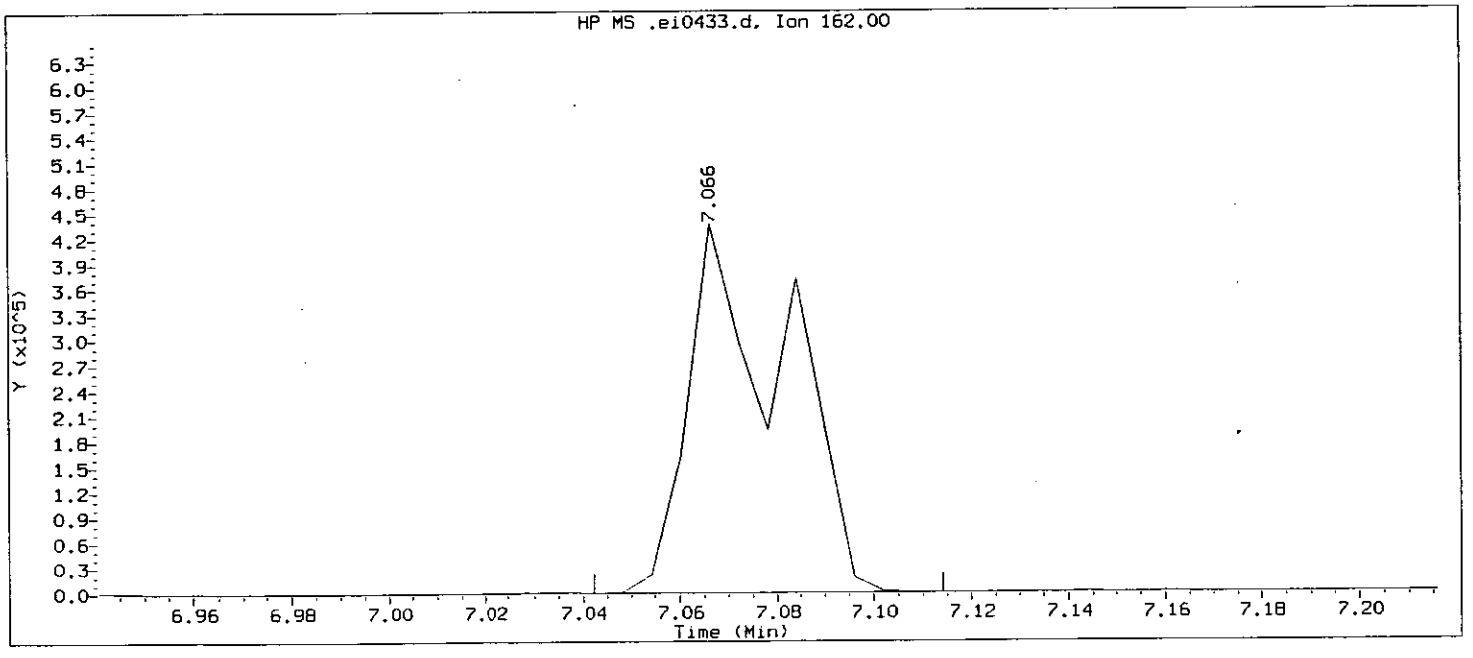
M = Compound was manually integrated. A = User selected an alternate hit

ASX84 8436

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0433.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:22 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:40 Automation

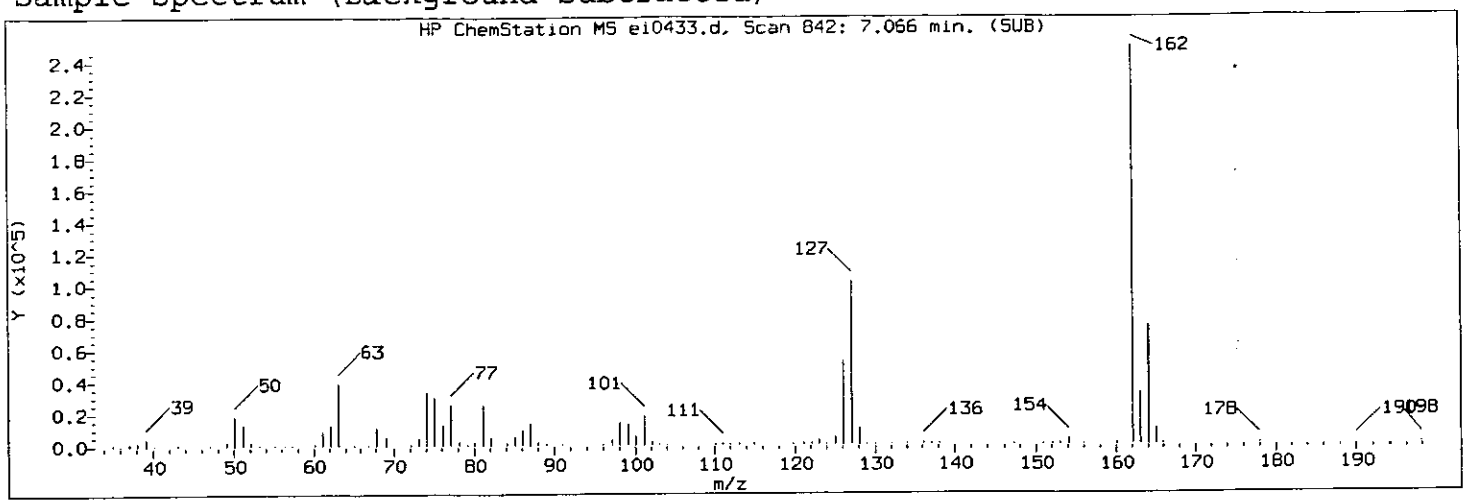
Sample Name: AMS33MS Lab Sample ID: 5454446

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area : 608870
Concentration (ng/ul) : 84.3140
Integration start scan : 837 Integration stop scan: 849
Y at integration start : 36 Y at integration end: 39

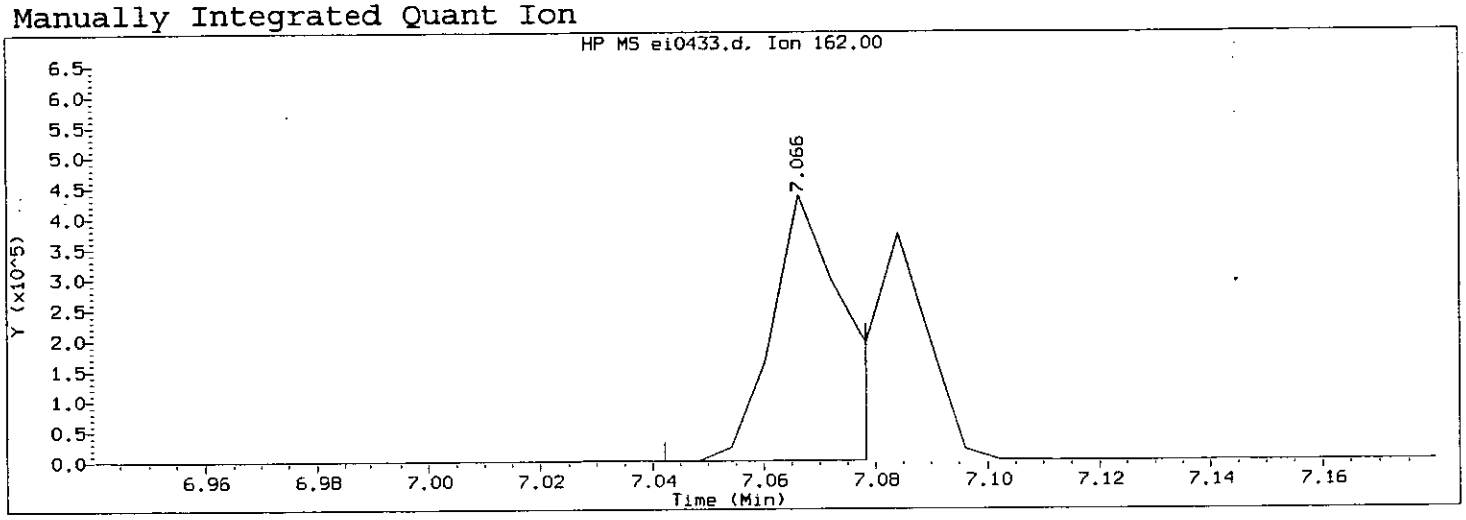
mm198 09/09/08

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0433.d, generated on 09/09/2008 at 20:23

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0433.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:22 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MS Lab Sample ID: 5454446

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area (flag) : 398566 M
Concentration (ng/ul) : 55.1920
Integration start scan : 837 Integration stop scan: 843
Y at integration start : 36 Y at integration end: 37

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0433.d, generated on 09/09/2008 at 20:23

AMS33MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454447

Data file: /chem/HP09572.i/08sep09.b/ei0434.d
Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 18:45
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	81399(8)	40.00	
53) Naphthalene-d8	6.061(0.000)	674	136.0	367648(7)	40.00	
98) Acenaphthene-d10	7.527(0.000)	919	164.0	205461(-5)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	361937(-7)	40.00	
168) Chrysene-d12	10.996(0.000)	1499	240.0	319496(-25)	40.00	
176) Perylene-d12	12.606(0.000)	1768	264.0	278668(-20)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.812(-0.002)	112	656075	168.026	84%		38 - 124
15) Phenol-d6	(1)	4.667(-0.001)	99	1014650	168.517	84%		41 - 120
38) Nitrobenzene-d5	(2)	5.451(0.000)	82	493239	89.695	90%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(0.000)	172	687620	96.851	97%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(0.000)	330	202795	179.629	90%		34 - 138
157) Terphenyl-d14	(5)	10.057(0.000)	244	651385	87.527	88%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.679(-0.001)	94	284632	45.735	1524.50			1.00
18) bis(2-Chloroethyl)ether	(1)	4.745(0.000)	93	213799	44.732	1491.08			1.00
19) 2-Chlorophenol	(1)	4.781(0.000)	128	155190	45.766	1525.54			1.00
20) 1,3-Dichlorobenzene	(1)	4.912(0.000)	146	150247	43.868	1462.26			1.00
22) 1,4-Dichlorobenzene	(1)	4.978(0.000)	146	154127	44.179	1472.65			1.00
25) 1,2-Dichlorobenzene	(1)	5.110(0.000)	146	145462	45.182	1506.07			1.00
26) 2-Methylphenol	(1)	5.200(0.002)	108	173800	48.313	1610.42			2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212(0.000)	45	212669	47.883	1596.09			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.331(0.001)	70	192138	43.717	1457.23			1.00
33) 4-Methylphenol	(1)	5.331(0.001)	108	194168	47.322	1577.39			2.00
37) Hexachloroethane	(1)	5.397(0.000)	117	61624	42.822	1427.39			1.00
39) Nitrobenzene	(2)	5.469(0.000)	77	268656	45.305	1510.17			1.00
41) Isophorone	(2)	5.672(0.001)	82	495484	45.442	1514.72			1.00
43) 2-Nitrophenol	(2)	5.738(0.000)	139	85015	49.257	1641.90			1.00
45) 2,4-Dimethylphenol	(2)	5.786(0.000)	107	192317	44.723	1490.78			2.00
47) bis(2-Chloroethoxy)methane	(2)	5.864(0.001)	93	263917	46.312	1543.72			1.00
50) 2,4-Dichlorophenol	(2)	5.947(0.000)	162	129317	46.643	1554.75			1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(0.000)	180	141902	52.483	1749.43			1.00
54) Naphthalene	(2)	6.079(0.000)	128	474266	47.504	1583.47			1.00
56) 4-Chloroaniline	(2)	6.127(0.001)	127	78756	18.746	624.87			2.00
60) Hexachlorobutadiene	(2)	6.181(0.000)	225	81540	54.002	1800.07			2.00
68) 4-Chloro-3-methylphenol	(2)	6.552(0.000)	107	178165	47.272	1575.75			2.00

ASX84 8439

AMS33MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454447

Data file: /chem/HP09572.i/08sep09.b/ei0434.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 18:45 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	328701	49.491	1649.72			1.00
72) Hexachlorocyclopentadiene	(3)	6.791(0.000)	237	108199	68.833	2294.43			5.00
75) 2,4,6-Trichlorophenol	(3)	6.905(0.000)	196	92474	49.080	1635.99			1.00
77) 2,4,5-Trichlorophenol	(3)	6.934(0.000)	196	99418	46.019	1533.95			2.00
84) 2-Chloronaphthalene	(3)	7.066(0.001)	162	393677	56.137	1871.22			1.00
89) 2-Nitroaniline	(3)	7.156(0.001)	138	102821	48.249	1608.29			1.00
92) Dimethylphthalate	(3)	7.311(0.001)	163	350022	48.270	1609.00			2.00
94) 2,6-Dinitrotoluene	(3)	7.359(0.001)	165	80646	49.548	1651.62			1.00
95) Acenaphthylene	(3)	7.407(0.001)	152	483765	51.042	1701.39			1.00
97) 3-Nitroaniline	(3)	7.497(0.001)	138	82976	43.227	1440.91			2.00
99) Acenaphthene	(3)	7.551(0.000)	153	289407	50.312	1677.07			1.00
100) 2,4-Dinitrophenol	(3)			Below MDL, Do not report					20.00
103) 4-Nitrophenol	(3)	7.646(0.001)	109	56146	42.443	1414.76			5.00
104) Dibenzofuran	(3)	7.694(0.000)	168	434248	48.534	1617.80			1.00
105) 2,4-Dinitrotoluene	(3)	7.694(0.000)	165	103547	47.857	1595.24			2.00
109) Diethylphthalate	(3)	7.892(0.001)	149	337881	48.674	1622.46			2.00
111) Fluorene	(3)	7.975(0.000)	166	353932	49.063	1635.43			1.00
112) 4-Chlorophenyl-phenylether	(3)	7.981(0.000)	204	160630	47.465	1582.17			1.00
114) 4-Nitroaniline	(3)	7.999(0.002)	138	68871	33.302	1110.07			2.00
115) 4,6-Dinitro-2-methylphenol	(4)	8.023(0.001)	198	22883	22.082	736.08			5.00
117) N-Nitrosodiphenylamine	(4)	8.077(0.001)	169	295978	57.699	1923.29			1.00
126) 4-Bromophenyl-phenylether	(4)	8.382(0.000)	248	102639	51.242	1708.07			1.00
128) Hexachlorobenzene	(4)	8.424(0.000)	284	103588	47.937	1597.90			1.00
132) Pentachlorophenol	(4)	8.592(0.000)	266	30791	22.593	753.10			5.00
138) Phenanthrene	(4)	8.765(0.001)	178	491677	51.676	1722.54			1.00
139) Anthracene	(4)	8.807(0.001)	178	526880	51.880	1729.33			1.00
141) Carbazole	(4)	8.944(0.000)	167	463373	46.034	1534.46			1.00
143) Di-n-butylphthalate	(4)	9.232(0.000)	149	550857	46.316	1543.85			2.00
148) Fluoranthene	(4)	9.740(0.000)	202	533332	47.611	1587.02			1.00
155) Pyrene	(5)	9.926(0.001)	202	558208	58.866	1962.20			1.00
162) Butylbenzylphthalate	(5)	10.476(0.000)	149	212722	48.558	1618.61			2.00
165) 3,3'-Dichlorobenzidine	(5)	10.961(0.001)	252	114196	33.691	1123.04			3.00
167) Benzo(a)anthracene	(5)	10.984(0.001)	228	492751	53.427	1780.90			1.00
169) Chrysene	(5)	11.020(0.001)	228	488439	55.501	1850.04			1.00
170) bis(2-Ethylhexyl)phthalate	(5)	11.020(0.000)	149	292604	52.996	1766.55			2.00
171) Di-n-octylphthalate	(6)	11.726(0.000)	149	485768	45.248	1508.28			2.00
173) Benzo(b)fluoranthene	(6)	12.157(0.000)	252	539671	52.949	1764.97			1.00
174) Benzo(k)fluoranthene	(6)	12.187(0.000)	252	518471	48.833	1627.76			1.00
175) Benzo(a)pyrene	(6)	12.540(0.000)	252	501852	54.364	1812.14			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.928(0.001)	276	585564	52.992	1766.40			1.00
181) Dibenz(a,h)anthracene	(6)	13.958(0.001)	278	463054	53.884	1796.12			1.00

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AMS33MSD

Lancaster Labs
Quantitation Report GC/MS Semi-Volatiles

5454447

Data file: /chem/HP09572.i/08sep09.b/ei0434.d
Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 18:45
Instrument ID: HP09572.i
Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Sublist used: **STC8**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws)
Matrix: SOIL
GPC Cleanup: No

Dilution Factor (DF): 1
Unit Correction Factor (Uf): 1
Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1
Sample Weight (Ws): 30.0 g
Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
182) Benzo(g,h,i)perylene	(6)	14.263	(0.000)	276	513053	55.109	1836.98			1.00

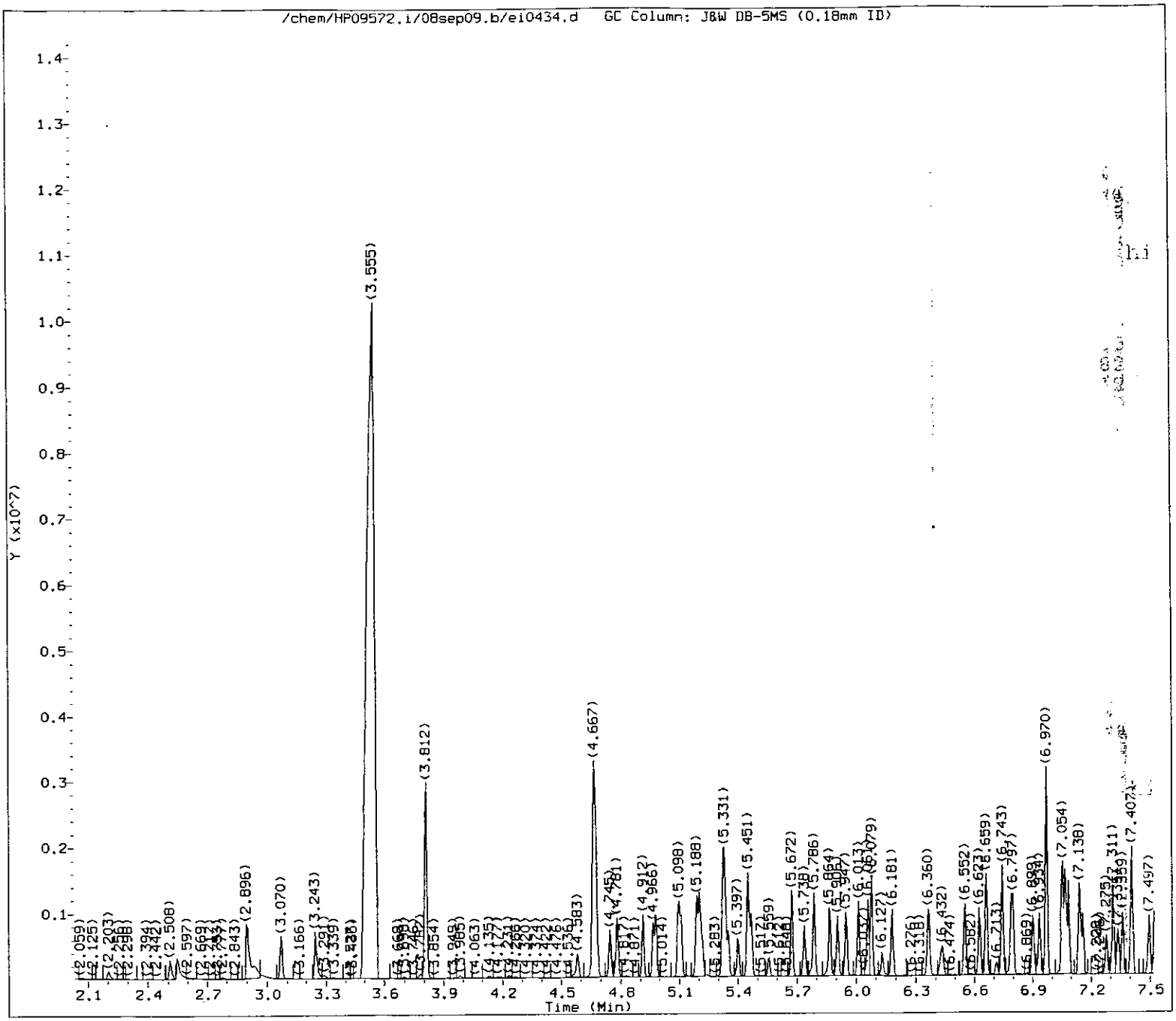
E = CONC. OUT OF CAL. RANGE
# = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX84 8441



Quant Report

Target Revision 3.5

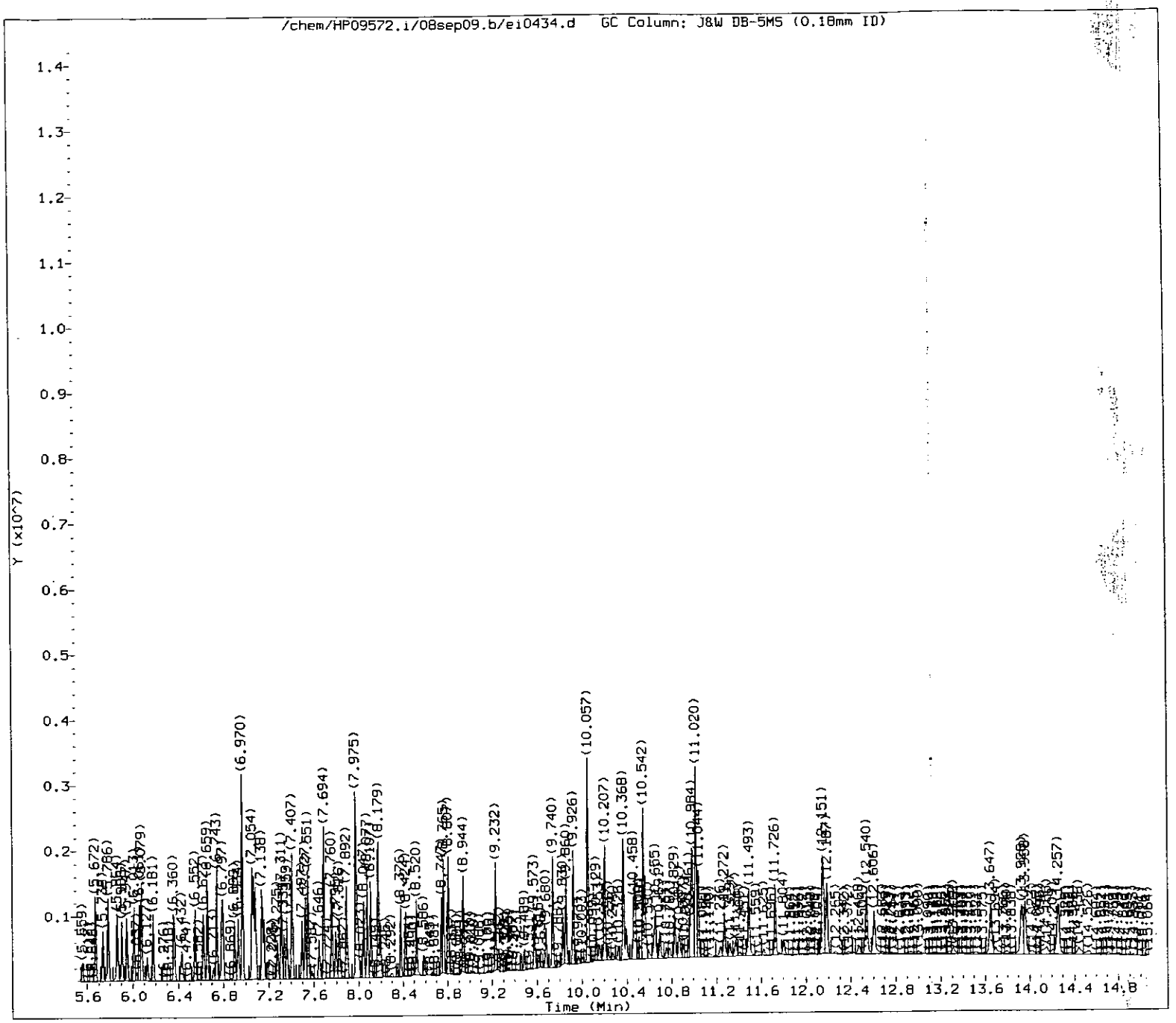
Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD Lab Sample ID: 5454447

ASX84 B442

lmh1986 09/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0434.d
Injection date and time: 09-SEP-2008 18:45

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: STC8

Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD

Lab Sample ID: 5454447

ASX04 B443

lmh 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD Lab Sample ID: 5454447

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16) Phenol	(1)	4.679	94	284632	45.7349
18) bis(2-Chloroethyl)ether	(1)	4.745	93	213799	44.7323
19) 2-Chlorophenol	(1)	4.781	128	155190	45.7661
20) 1,3-Dichlorobenzene	(1)	4.912	146	150247	43.8678
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	81399	40.0000
22) 1,4-Dichlorobenzene	(1)	4.978	146	154127	44.1794
25) 1,2-Dichlorobenzene	(1)	5.110	146	145462	45.1822
26) 2-Methylphenol	(1)	5.200	108	173800	48.3127
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212	45	212669	47.8827
31) N-Nitroso-di-n-propylamine	(1)	5.331	70	192138	43.7168
33) 4-Methylphenol	(1)	5.331	108	194168	47.3217
37) Hexachloroethane	(1)	5.397	117	61624	42.8216
39) Nitrobenzene	(2)	5.469	77	268656	45.3050
41) Isophorone	(2)	5.672	82	495484	45.4417
43) 2-Nitrophenol	(2)	5.738	139	85015	49.2569
45) 2,4-Dimethylphenol	(2)	5.786	107	192317	44.7234
47) bis(2-Chloroethoxy)methane	(2)	5.864	93	263917	46.3115
50) 2,4-Dichlorophenol	(2)	5.947	162	129317	46.6426
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	141902	52.4830
53) Naphthalene-d8	(2)	6.061	136	367648	40.0000
54) Naphthalene	(2)	6.079	128	474266	47.5041
56) 4-Chloroaniline	(2)	6.127	127	78756	18.7462
60) Hexachlorobutadiene	(2)	6.181	225	81540	54.0020
68) 4-Chloro-3-methylphenol	(2)	6.552	107	178165	47.2724
70) 2-Methylnaphthalene	(2)	6.659	142	328701	49.4915
72) Hexachlorocyclopentadiene	(3)	6.791	237	108199	68.8328
75) 2,4,6-Trichlorophenol	(3)	6.905	196	92474	49.0798
77) 2,4,5-Trichlorophenol	(3)	6.934	196	99418	46.0186
84) 2-Chloronaphthalene	(3)	7.066	162	393677M	56.1367
89) 2-Nitroaniline	(3)	7.156	138	102821	48.2488
92) Dimethylphthalate	(3)	7.311	163	350022	48.2701
94) 2,6-Dinitrotoluene	(3)	7.359	165	80646	49.5485
95) Acenaphthylene	(3)	7.407	152	483765	51.0416
97) 3-Nitroaniline	(3)	7.497	138	82976	43.2273
98) Acenaphthene-d10	(3)	7.527	164	205461	40.0000
99) Acenaphthene	(3)	7.551	153	289407	50.3120
103) 4-Nitrophenol	(3)	7.646	109	56146	42.4427
104) Dibenzofuran	(3)	7.694	168	434248	48.5339
105) 2,4-Dinitrotoluene	(3)	7.694	165	103547	47.8571
109) Diethylphthalate	(3)	7.892	149	337881	48.6739
111) Fluorene	(3)	7.975	166	353932	49.0629
112) 4-Chlorophenyl-phenylether	(3)	7.981	204	160630	47.4650

M = Compound was manually integrated. A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

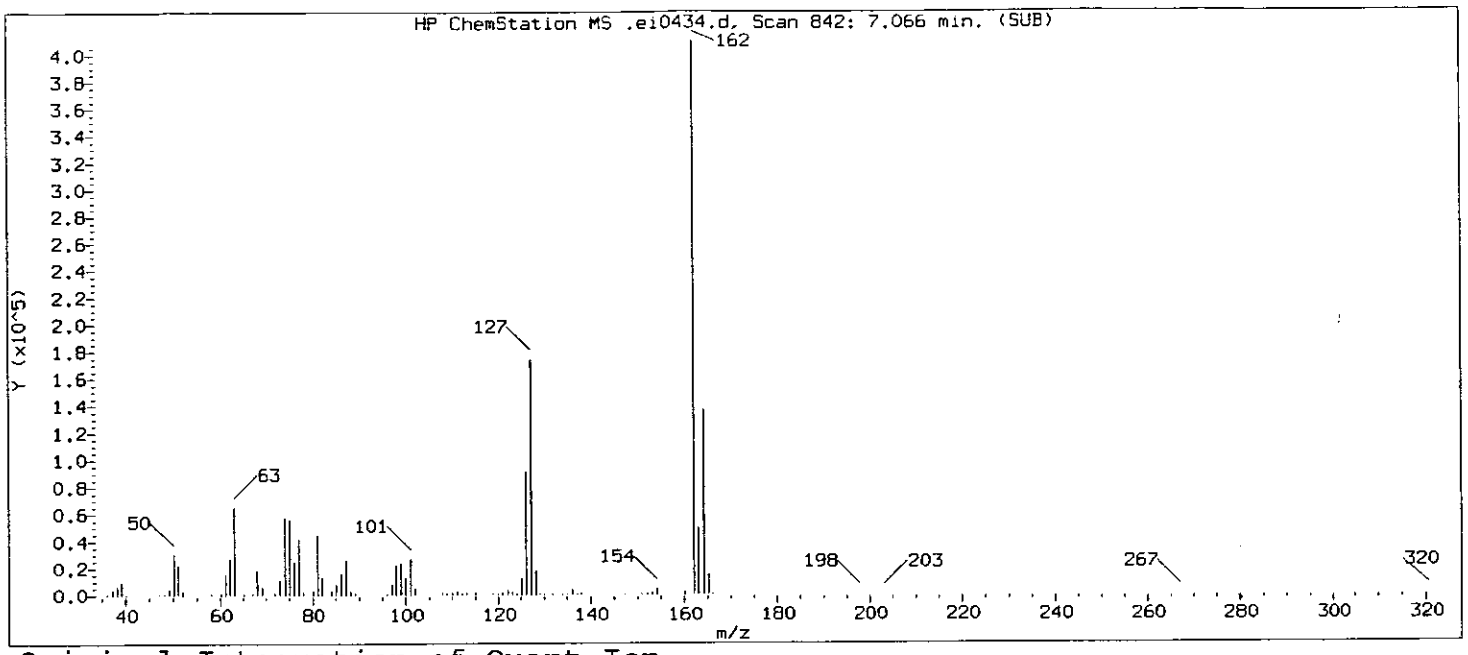
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD Lab Sample ID: 5454447

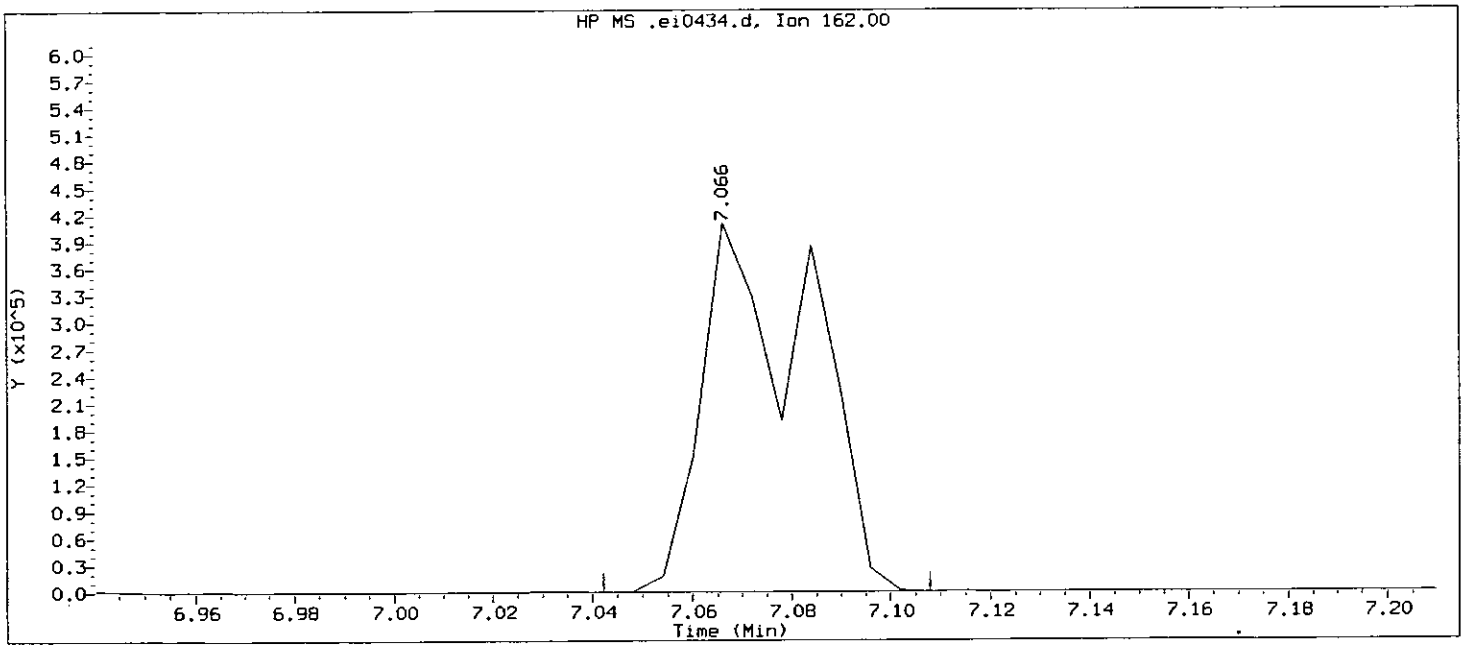
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
114) 4-Nitroaniline	(3)	7.999	138	68871	33.3020
115) 4,6-Dinitro-2-methylphenol	(4)	8.023	198	22883	22.0825
117) N-Nitrosodiphenylamine	(4)	8.077	169	295978	57.6986
126) 4-Bromophenyl-phenylether	(4)	8.382	248	102639	51.2420
128) Hexachlorobenzene	(4)	8.424	284	103588	47.9371
132) Pentachlorophenol	(4)	8.592	266	30791	22.5929
136) Phenanthrene-d10	(4)	8.747	188	361937	40.0000
138) Phenanthrene	(4)	8.765	178	491677	51.6763
139) Anthracene	(4)	8.807	178	526880	51.8800
141) Carbazole	(4)	8.944	167	463373	46.0337
143) Di-n-butylphthalate	(4)	9.232	149	550857	46.3155
148) Fluoranthene	(4)	9.740	202	533332	47.6106
155) Pyrene	(5)	9.926	202	558208	58.8660
162) Butylbenzylphthalate	(5)	10.476	149	212722	48.5582
165) 3,3'-Dichlorobenzidine	(5)	10.961	252	114196	33.6912
167) Benzo(a)anthracene	(5)	10.984	228	492751	53.4269
168) Chrysene-d12	(5)	10.996	240	319496	40.0000
169) Chrysene	(5)	11.020	228	488439	55.5012
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	292604	52.9964
171) Di-n-octylphthalate	(6)	11.726	149	485768	45.2485
173) Benzo(b)fluoranthene	(6)	12.157	252	539671	52.9490
174) Benzo(k)fluoranthene	(6)	12.187	252	518471	48.8329
175) Benzo(a)pyrene	(6)	12.540	252	501852	54.3641
176) Perylene-d12	(6)	12.606	264	278668	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.928	276	585564M	52.9920
181) Dibenz(a,h)anthracene	(6)	13.958	278	463054	53.8837
182) Benzo(g,h,i)perylene	(6)	14.263	276	513053	55.1094
9) 2-Fluorophenol	(1)	3.812	112	656075	168.0264
15) Phenol-d6	(1)	4.667	99	1014650	168.5171
38) Nitrobenzene-d5	(2)	5.451	82	493239	89.6946
78) 2-Fluorobiphenyl	(3)	6.970	172	687620	96.8513
119) 2,4,6-Tribromophenol	(3)	8.179	330	202795	179.6294
157) Terphenyl-d14	(5)	10.057	244	651385	87.5269

M = Compound was manually integrated. A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:03 Automation

Sample Name: AMS33MSD Lab Sample ID: 5454447

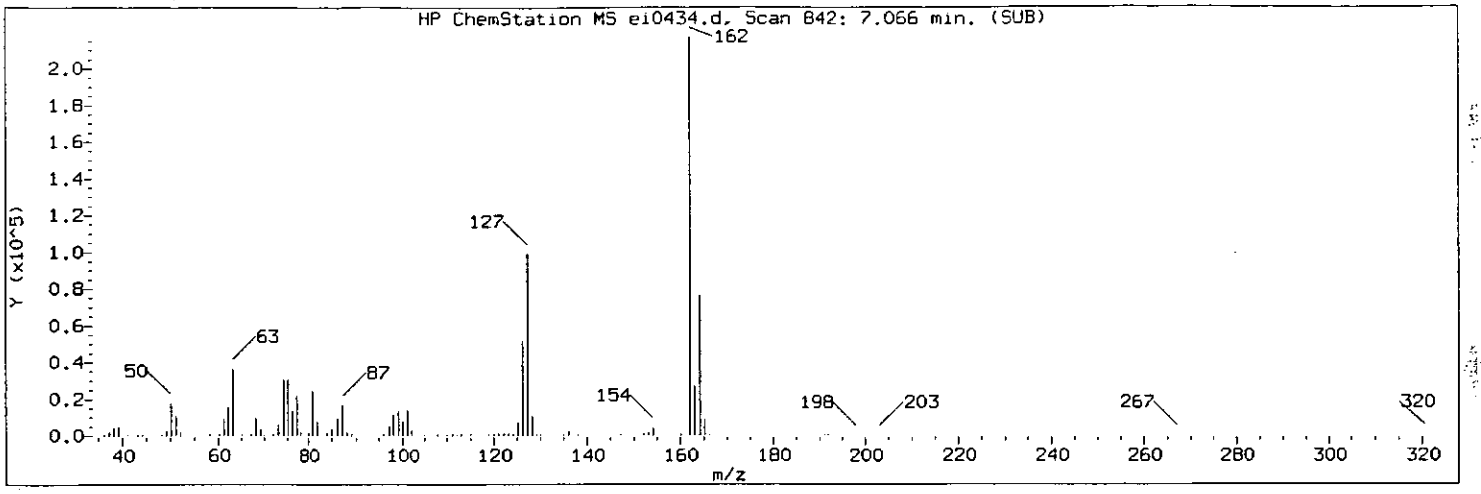
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area : 620996
Concentration (ng/ul) : 88.5514
Integration start scan : 837 Integration stop scan: 848
Y at integration start : 53 Y at integration end: 54

mn198 09/09/08

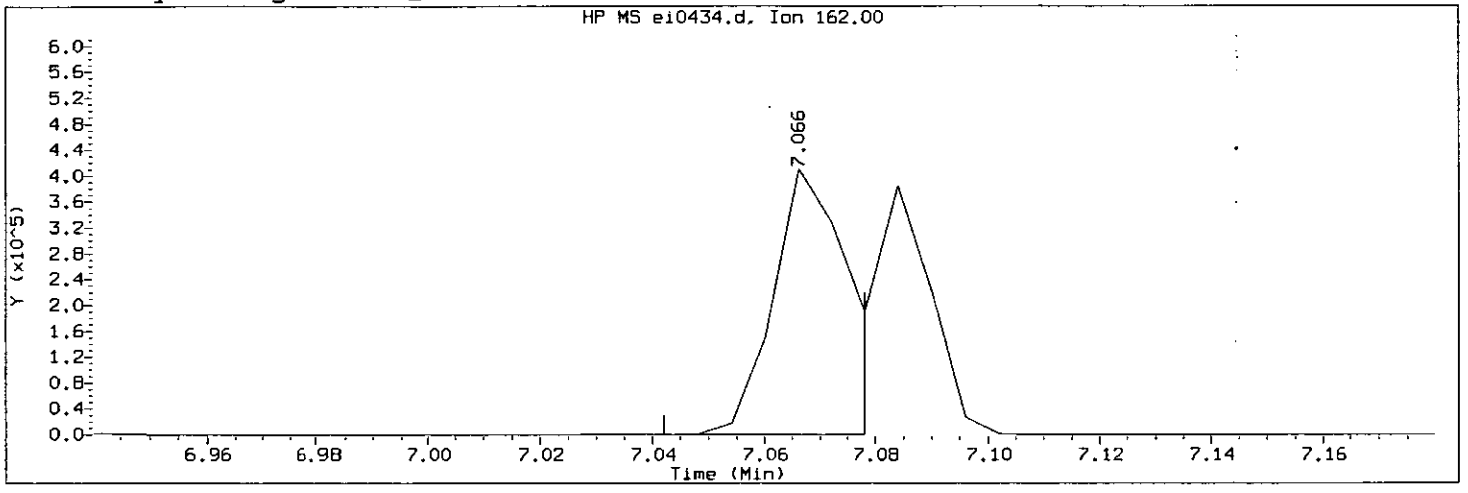
ASX84 0446

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0434.d, generated on 09/09/2008 at 20:24

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD Lab Sample ID: 5454447

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area (flag) : 393677 M
Concentration (ng/ul) : 56.1367
Integration start scan : 837 Integration stop scan: 843
Y at integration start : 53 Y at integration end: 53

Reason for manual integration (circle one): missed peak improper integration

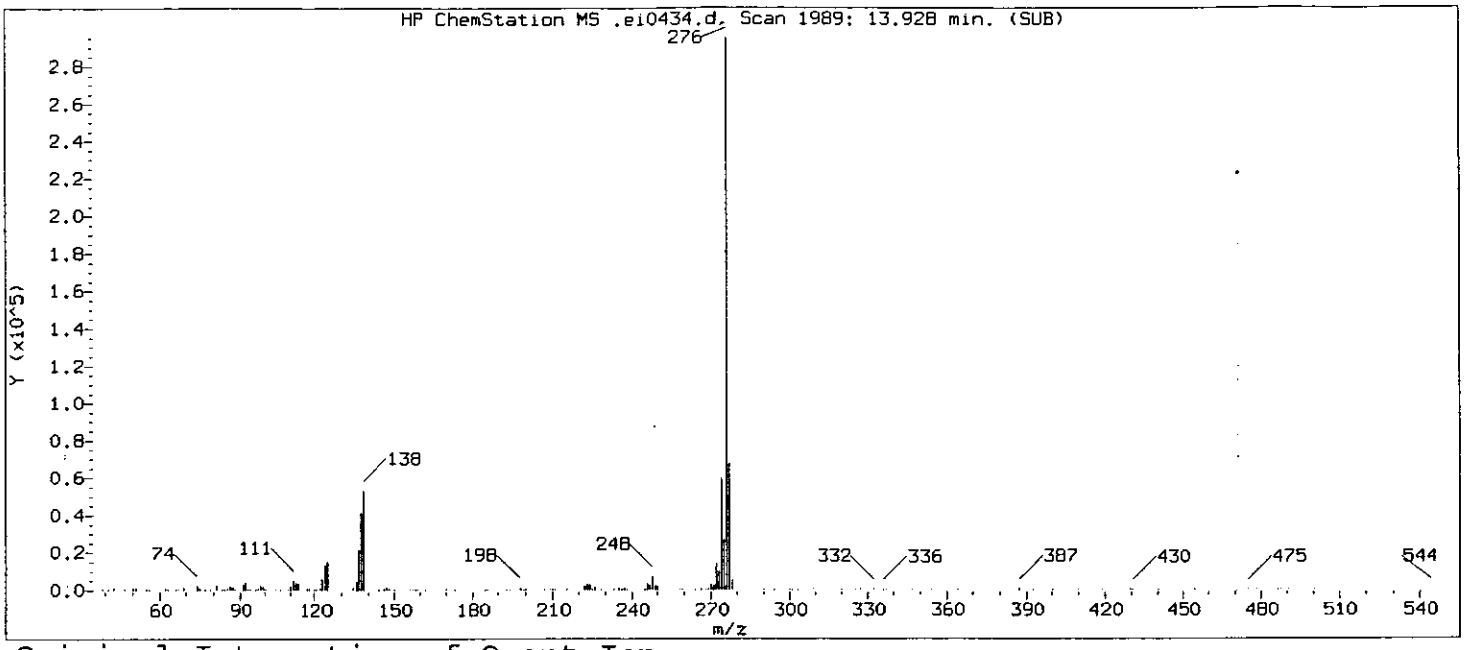
Analyst responsible for change: lmh198e 09/09/08

GC/MS audit/management approval: 9/10/08

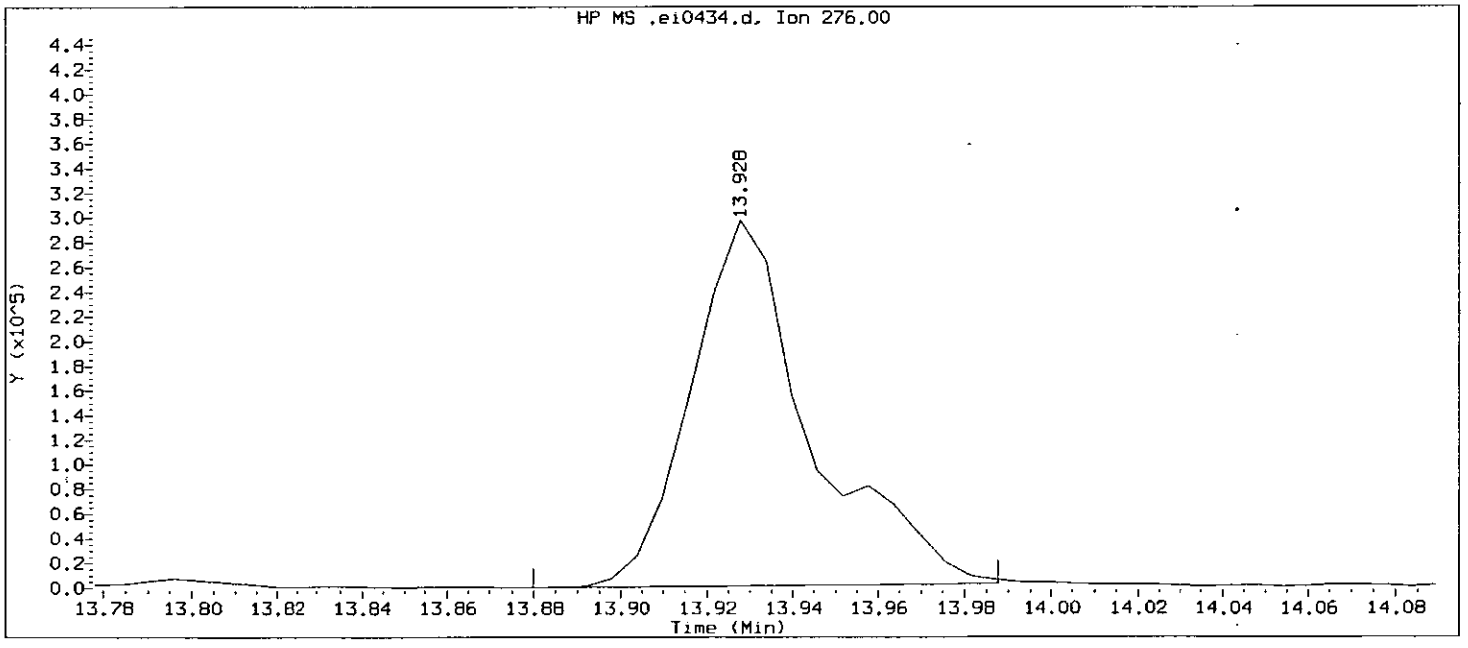
6SX84 0447

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0434.d, generated on 09/09/2008 at 20:24

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 19:03 Automation

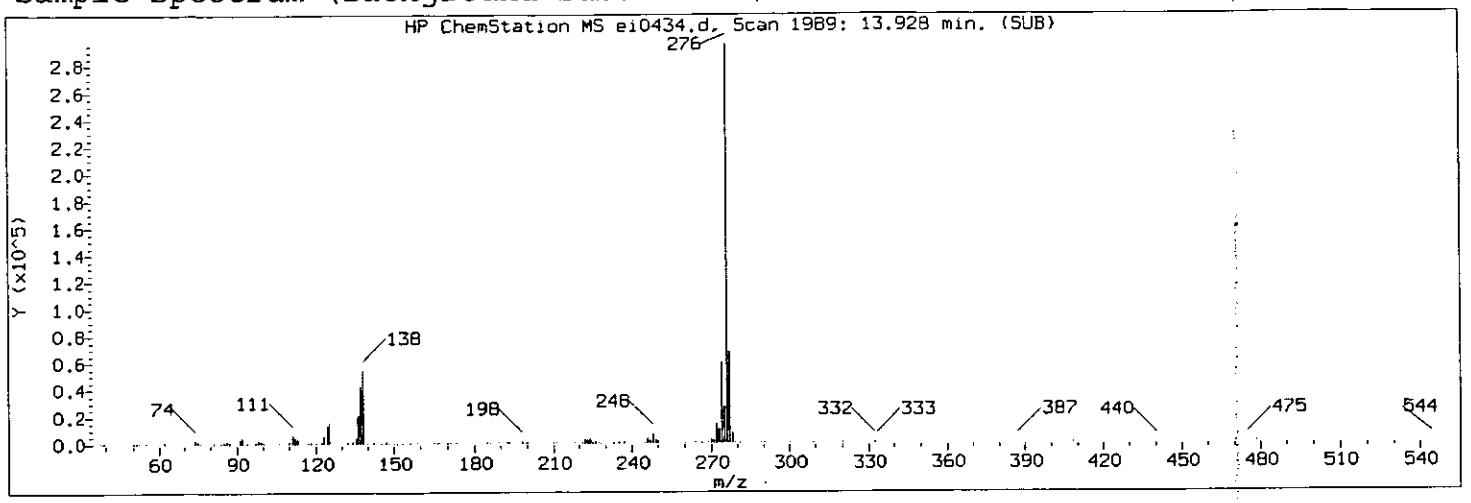
Sample Name: AMS33MSD Lab Sample ID: 5454447

Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276
Area : 569442
Concentration (ng/ul) : 51.5331
Integration start scan : 1980 Integration stop scan: 1998
Y at integration start : 556 Y at integration end: 3405

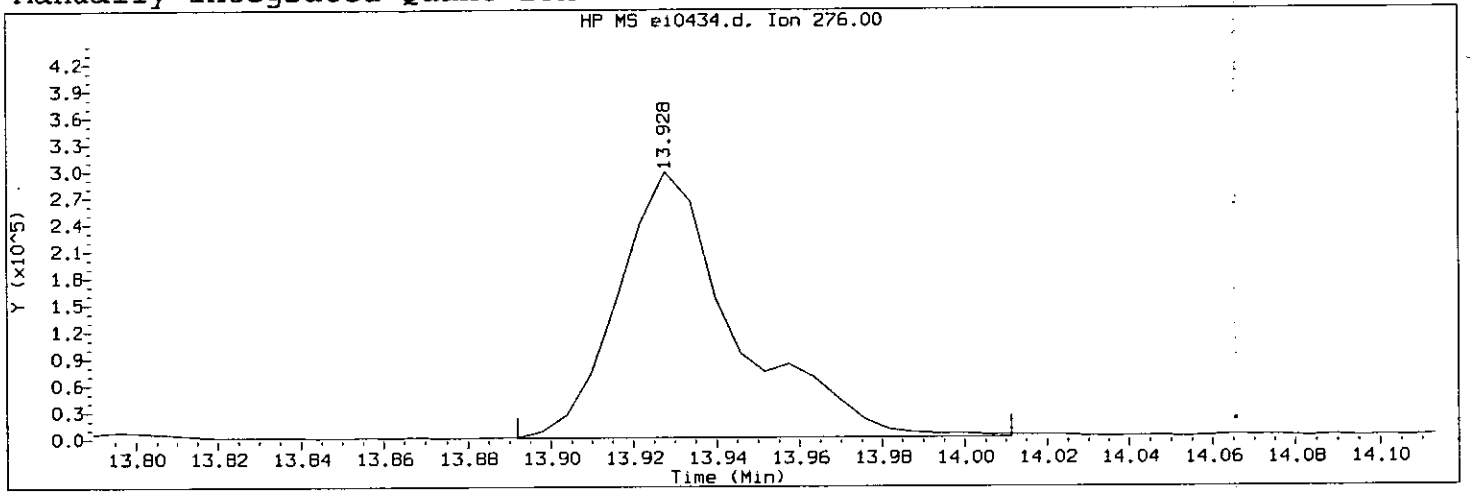
mm 09/09/08

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0434.d, generated on 09/09/2008 at 20:24

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MSD Lab Sample ID: 5454447

Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1989
Retention Time (minutes): 13.928
Quant Ion : 276
Area (flag) : 585564 M
Concentration (ng/ul) : 52.9920
Integration start scan : 1982 Integration stop scan: 2002
Y at integration start : 444 Y at integration end: 444

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: MM198 09/09/08

GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0434.d, generated on 09/09/2008 at 20:24

246LALCS5 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 246LALCS

Data file: /chem/HP09572.i/08sep09.b/ei0425.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 15:13 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Internal Standards	RT (+/-RT)	Scan	QIon	Area(+/- %Area)	Conc (ng/ul)	QC Flag
21) 1,4-Dichlorobenzene-d4	4.966(0.000)	491	152.0	73088(-3)	40.00	
53) Naphthalene-d8	6.061(0.000)	674	136.0	333552(-3)	40.00	
98) Acenaphthene-d10	7.527(0.000)	919	164.0	205150(-5)	40.00	
136) Phenanthrene-d10	8.747(0.000)	1123	188.0	382248(-2)	40.00	
168) Chrysene-d12	10.990(0.006)	1498	240.0	369508(-14)	40.00	
176) Perylene-d12	12.600(0.006)	1767	264.0	297241(-15)	40.00	

= RETENTION TIME OUT OF RANGE * = INTERNAL STANDARD OUT OF RANGE NC = NOT ABLE TO CALCULATE

Surrogate Standards	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	%Rec.	QC flags	QC Limits
9) 2-Fluorophenol	(1)	3.806(-0.001)	112	603984	172.275	86%		38 - 124
15) Phenol-d6	(1)	4.661(0.000)	99	929929	172.009	86%		41 - 120
38) Nitrobenzene-d5	(2)	5.451(0.000)	82	446209	89.437	89%		49 - 120
78) 2-Fluorobiphenyl	(3)	6.970(0.000)	172	628333	88.635	89%		55 - 117
119) 2,4,6-Tribromophenol	(3)	8.179(0.000)	330	214285	190.095	95%		34 - 138
157) Terphenyl-d14	(5)	10.057(-0.001)	244	747136	86.805	87%		43 - 131

= RELATIVE RETENTION TIME OUT OF RANGE * = PERCENT REC.OUT OF RANGE D = DILUTED OUT NC = NOT ABLE TO CALCULATE

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
16) Phenol	(1)	4.673(0.000)	94	255727	45.763	1525.43			1.00
18) bis(2-Chloroethyl)ether	(1)	4.745(0.000)	93	186003	43.342	1444.73			1.00
19) 2-Chlorophenol	(1)	4.781(0.000)	128	137345	45.109	1503.64			1.00
20) 1,3-Dichlorobenzene	(1)	4.912(0.000)	146	130918	42.571	1419.03			1.00
22) 1,4-Dichlorobenzene	(1)	4.978(0.000)	146	133926	42.754	1425.14			1.00
25) 1,2-Dichlorobenzene	(1)	5.110(0.000)	146	131437	45.468	1515.61			1.00
26) 2-Methylphenol	(1)	5.200(0.002)	108	158058	48.933	1631.10			2.00
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212(0.000)	45	184780	46.334	1544.48			1.00
31) N-Nitroso-di-n-propylamine	(1)	5.325(0.002)	70	169371	42.919	1430.63			1.00
33) 4-Methylphenol	(1)	5.331(0.001)	108	181634	49.301	1643.36			2.00
37) Hexachloroethane	(1)	5.397(0.000)	117	53671	41.536	1384.54			1.00
39) Nitrobenzene	(2)	5.463(0.001)	77	235971	43.861	1462.03			1.00
41) Isophorone	(2)	5.672(0.001)	82	439139	44.391	1479.70			1.00
43) 2-Nitrophenol	(2)	5.738(0.000)	139	75863	48.447	1614.91			1.00
45) 2,4-Dimethylphenol	(2)	5.786(0.000)	107	185279	47.491	1583.03			2.00
47) bis(2-Chloroethoxy)methane	(2)	5.864(0.001)	93	235343	45.519	1517.30			1.00
50) 2,4-Dichlorophenol	(2)	5.947(0.000)	162	121397	48.262	1608.73			1.00
51) 1,2,4-Trichlorobenzene	(2)	6.013(0.000)	180	118349	48.246	1608.21			1.00
54) Naphthalene	(2)	6.079(0.000)	128	414569	45.769	1525.64			1.00
56) 4-Chloroaniline	(2)	6.127(0.001)	127	65152	17.093	569.78			2.00
60) Hexachlorobutadiene	(2)	6.181(0.000)	225	68602	50.078	1669.26			2.00
68) 4-Chloro-3-methylphenol	(2)	6.546(0.001)	107	165669	48.450	1615.00			2.00

ASX84 0458

246LALCS5 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 246LALCS

Data file: /chem/HP09572.i/08sep09.b/ei0425.d Blank Data file reference:/chem/HP09572.i/08sep09.b/ei0424.d
Injection date and time: 09-SEP-2008 15:13 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT (+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
70) 2-Methylnaphthalene	(2)	6.659(0.001)	142	292082	48.473	1615.78			1.00
71) 1-Methylnaphthalene	(2)	6.743(0.000)	142	274045	45.580	1519.33			1.00
72) Hexachlorocyclopentadiene	(3)	6.791(0.000)	237	127678	81.348	2711.59			5.00
75) 2,4,6-Trichlorophenol	(3)	6.899(0.001)	196	87671	46.601	1553.37			1.00
77) 2,4,5-Trichlorophenol	(3)	6.934(0.000)	196	94103	43.624	1454.15			2.00
84) 2-Chloronaphthalene	(3)	7.066(0.001)	162	393126	56.143	1871.44			1.00
89) 2-Nitroaniline	(3)	7.156(0.001)	138	99797	46.901	1563.36			1.00
92) Dimethylphthalate	(3)	7.311(0.001)	163	337996	46.682	1556.08			2.00
94) 2,6-Dinitrotoluene	(3)	7.359(0.001)	165	82229	50.598	1686.59			1.00
95) Acenaphthylene	(3)	7.407(0.001)	152	449531	47.501	1583.38			1.00
97) 3-Nitroaniline	(3)	7.497(0.001)	138	81790	42.674	1422.47			2.00
99) Acenaphthene	(3)	7.551(0.000)	153	272635	47.468	1582.27			1.00
100) 2,4-Dinitrophenol	(3)	7.587(0.000)	184	27435	34.424	1147.47			20.00
103) 4-Nitrophenol	(3)	7.646(0.001)	109	57733	43.709	1456.95			5.00
104) Dibenzofuran	(3)	7.694(0.000)	168	407033	45.561	1518.70			1.00
105) 2,4-Dinitrotoluene	(3)	7.694(0.000)	165	106246	49.179	1639.30			2.00
109) Diethylphthalate	(3)	7.892(0.001)	149	330358	47.662	1588.74			2.00
111) Fluorene	(3)	7.975(0.000)	166	345506	47.967	1598.92			1.00
112) 4-Chlorophenyl-phenylether	(3)	7.981(0.000)	204	161412	47.768	1592.28			1.00
114) 4-Nitroaniline	(3)	7.999(0.002)	138	63114	30.564	1018.82			2.00
115) 4,6-Dinitro-2-methylphenol	(4)	8.023(0.001)	198	42436	38.775	1292.51			5.00
117) N-Nitrosodiphenylamine	(4)	8.077(0.001)	169	292947	54.073	1802.44			1.00
126) 4-Bromophenyl-phenylether	(4)	8.382(0.000)	248	101758	48.103	1603.42			1.00
128) Hexachlorobenzene	(4)	8.424(0.000)	284	105670	46.302	1543.41			1.00
132) Pentachlorophenol	(4)	8.586(0.001)	266	38325	26.627	887.56			5.00
138) Phenanthrene	(4)	8.765(0.001)	178	496576	49.418	1647.26			1.00
139) Anthracene	(4)	8.807(0.001)	178	509133	47.469	1582.29			1.00
141) Carbazole	(4)	8.944(0.000)	167	491423	46.226	1540.87			1.00
143) Di-n-butylphthalate	(4)	9.232(0.000)	149	580931	46.249	1541.63			2.00
148) Fluoranthene	(4)	9.740(0.000)	202	533829	45.123	1504.09			1.00
155) Pyrene	(5)	9.926(0.000)	202	561216	51.173	1705.76			1.00
162) Butylbenzylphthalate	(5)	10.470(0.000)	149	242266	47.817	1593.91			2.00
165) 3,3'-Dichlorobenzidine	(5)	10.961(0.000)	252	113797	29.029	967.65			3.00
167) Benzo(a)anthracene	(5)	10.984(0.000)	228	520170	48.766	1625.54			1.00
169) Chrysene	(5)	11.020(0.000)	228	496315	48.763	1625.43			1.00
170) bis(2-Ethylhexyl)phthalate	(5)	11.020(-0.001)	149	319737	50.073	1669.09			2.00
171) Di-n-octylphthalate	(6)	11.726(0.000)	149	549239	47.964	1598.80			2.00
173) Benzo(b)fluoranthene	(6)	12.151(0.000)	252	526603	48.438	1614.61			1.00
174) Benzo(k)fluoranthene	(6)	12.187(0.000)	252	491439	43.395	1446.49			1.00
175) Benzo(a)pyrene	(6)	12.534(0.000)	252	467851	47.514	1583.80			1.00
180) Indeno(1,2,3-cd)pyrene	(6)	13.922(0.001)	276	528180	44.812	1493.74			1.00

ASX84 0451

246LALCS5 Lancaster Labs Quantitation Report GC/MS Semi-Volatiles 246LALCS

Data file: /chem/HP09572.i/08sep09.b/ei0425.d Blank Data file reference: **/chem/HP09572.i/08sep09.b/ei0424.d**
Injection date and time: 09-SEP-2008 15:13 Instrument ID: HP09572.i Batch: 08246SLA
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: **246SLA**
Calibration date and time (Last Method Edit): 09-SEP-2008 16:48
Mid Level Daily Calibration Standard Reference: /chem/HP09572.i/08sep09.b/ei0421.d

Sample Concentration Formula: On-Column Amount * DF * (GpcCleanup+1)*Uf*Vt/(Vi*Ws) Matrix: SOIL GPC Cleanup: No

Dilution Factor (DF): 1 Unit Correction Factor (Uf): 1 Volume Injected (Vi): 1 ul
GPC Cleanup Factor (gpcf): 1 Sample Weight (Ws): 30.0 g Final Extract Volume (Vt): 1000 ul

Target Compounds	I.S. Ref.	RT	(+/-RRT)	QIon	Area	Conc. (on column)	Conc. (in sample)	Blank Conc.	Qual.	Reporting Limit (ng/ul)
181) Dibenz(a,h)anthracene	(6)	13.952	(0.001)	278	452752	49.393	1646.43			1.00
182) Benzo(g,h,i)perylene	(6)	14.251	(0.001)	276	456202	45.941	1531.36			1.00

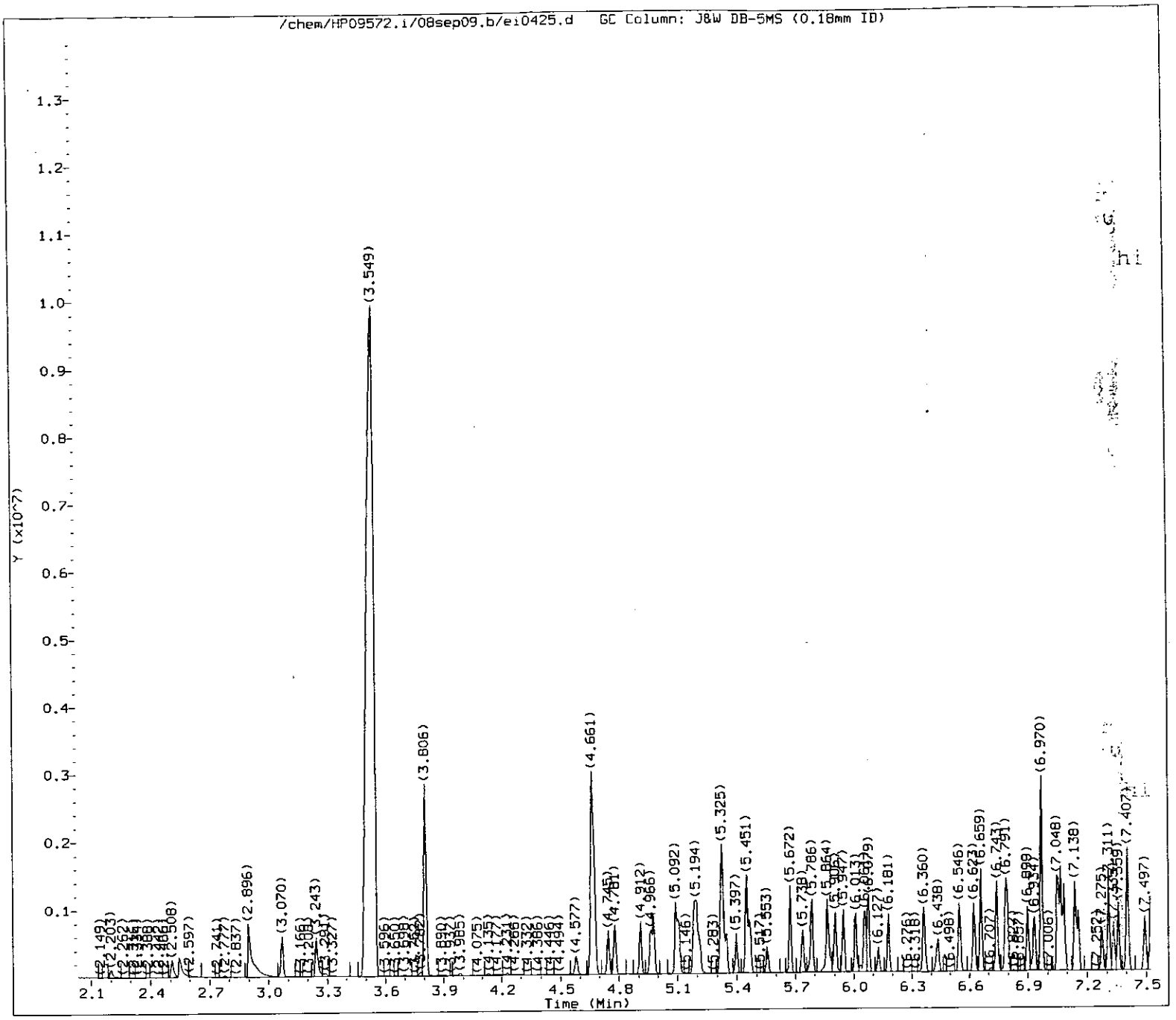
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 65

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/10/08

ASX04 0452



Quant Report

Target Revision 3.5

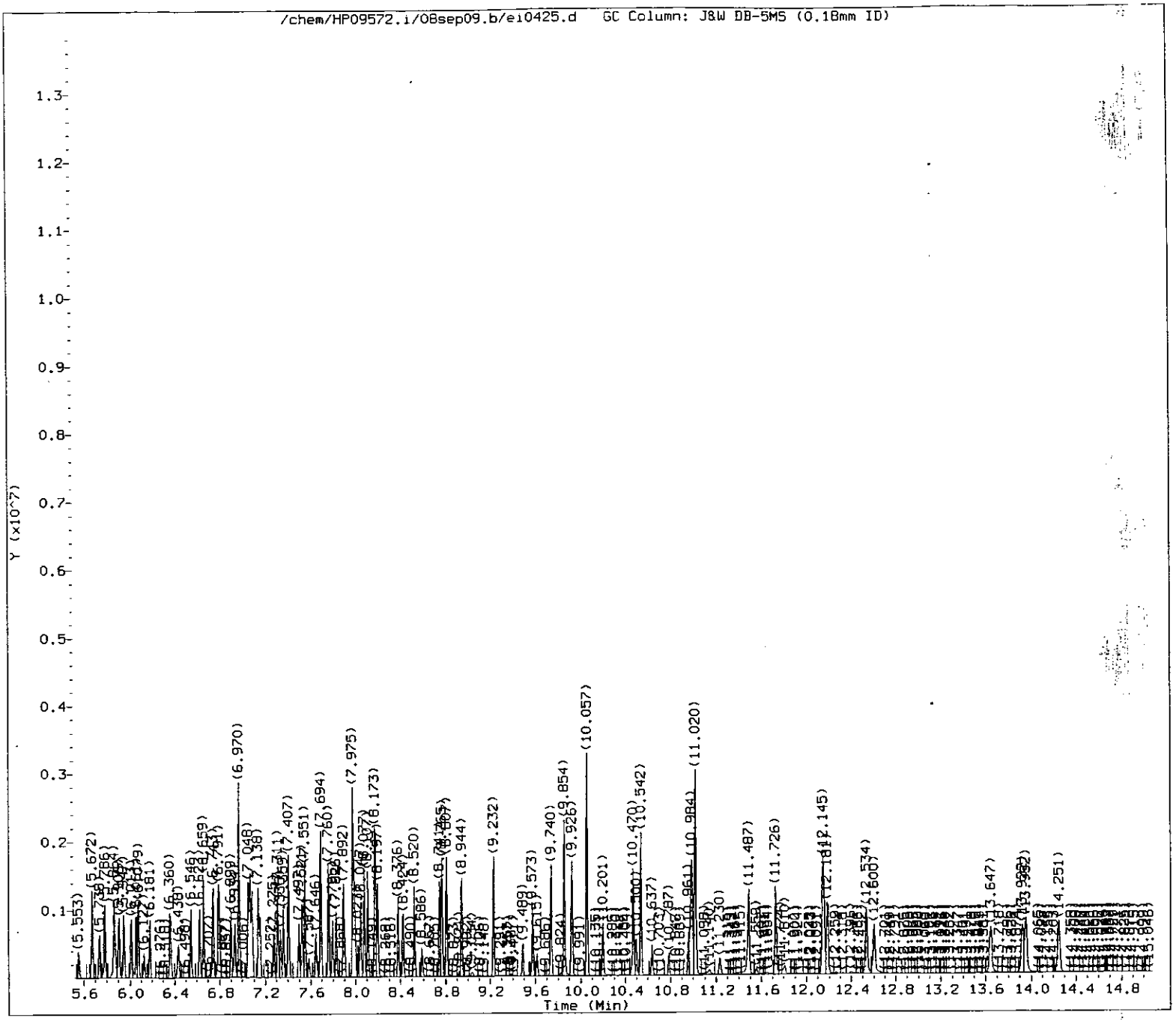
Data File: /chem/HP09572.i/08sep09.b/ei0425.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 15:13 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Sample Name: 246LALCS5 Lab Sample ID: 246LALCS

ASX04 0453

mm195 09/09/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0425.d
Injection date and time: 09-SEP-2008 15:13

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Sublist used: 246SLA

Sample Name: 246LALCS5

Lab Sample ID: 246LALCS

ASX84 8454

mm 09/09/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0425.d
Injection date and time: 09-SEP-2008 15:13

Instrument ID: HP09572.i
Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m
Calibration date and time: 09-SEP-2008 16:48

Sublist used: 246SLA

Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Sample Name: 246LALCS5

Lab Sample ID: 246LALCS

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
16) Phenol	(1)	4.673	94	255727	45.7629
18) bis(2-Chloroethyl)ether	(1)	4.745	93	186003	43.3419
19) 2-Chlorophenol	(1)	4.781	128	137345	45.1093
20) 1,3-Dichlorobenzene	(1)	4.912	146	130918	42.5709
21) 1,4-Dichlorobenzene-d4	(1)	4.966	152	73088	40.0000
22) 1,4-Dichlorobenzene	(1)	4.978	146	133926	42.7543
25) 1,2-Dichlorobenzene	(1)	5.110	146	131437	45.4683
26) 2-Methylphenol	(1)	5.200	108	158058	48.9330
27) 2,2'-oxybis(1-Chloropropane)	(1)	5.212	45	184780	46.3343
31) N-Nitroso-di-n-propylamine	(1)	5.325	70	169371	42.9188
33) 4-Methylphenol	(1)	5.331	108	181634	49.3007
37) Hexachloroethane	(1)	5.397	117	53671	41.5361
39) Nitrobenzene	(2)	5.463	77	235971	43.8608
41) Isophorone	(2)	5.672	82	439139	44.3910
43) 2-Nitrophenol	(2)	5.738	139	75863	48.4474
45) 2,4-Dimethylphenol	(2)	5.786	107	185279	47.4910
47) bis(2-Chloroethoxy)methane	(2)	5.864	93	235343	45.5189
50) 2,4-Dichlorophenol	(2)	5.947	162	121397	48.2618
51) 1,2,4-Trichlorobenzene	(2)	6.013	180	118349	48.2462
53) Naphthalene-d8	(2)	6.061	136	333552	40.0000
54) Naphthalene	(2)	6.079	128	414569	45.7693
56) 4-Chloroaniline	(2)	6.127	127	65152	17.0933
60) Hexachlorobutadiene	(2)	6.181	225	68602	50.0777
68) 4-Chloro-3-methylphenol	(2)	6.546	107	165669	48.4501
70) 2-Methylnaphthalene	(2)	6.659	142	292082	48.4733
71) 1-Methylnaphthalene	(2)	6.743	142	274045	45.5800
72) Hexachlorocyclopentadiene	(3)	6.791	237	127678	81.3478
75) 2,4,6-Trichlorophenol	(3)	6.899	196	87671	46.6012
77) 2,4,5-Trichlorophenol	(3)	6.934	196	94103	43.6245
84) 2-Chloronaphthalene	(3)	7.066	162	393126M	56.1432
89) 2-Nitroaniline	(3)	7.156	138	99797	46.9008
92) Dimethylphthalate	(3)	7.311	163	337996	46.6823
94) 2,6-Dinitrotoluene	(3)	7.359	165	82229	50.5977
95) Acenaphthylene	(3)	7.407	152	449531	47.5015
97) 3-Nitroaniline	(3)	7.497	138	81790	42.6740
98) Acenaphthene-d10	(3)	7.527	164	205150	40.0000
99) Acenaphthene	(3)	7.551	153	272635	47.4681
100) 2,4-Dinitrophenol	(3)	7.587	184	27435	34.4240
103) 4-Nitrophenol	(3)	7.646	109	57733	43.7086
104) Dibenzofuran	(3)	7.694	168	407033	45.5611
105) 2,4-Dinitrotoluene	(3)	7.694	165	106246	49.1790
109) Diethylphthalate	(3)	7.892	149	330358	47.6623

M = Compound was manually integrated.

A = User selected an alternate hit

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep09.b/ei0425.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 15:13 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

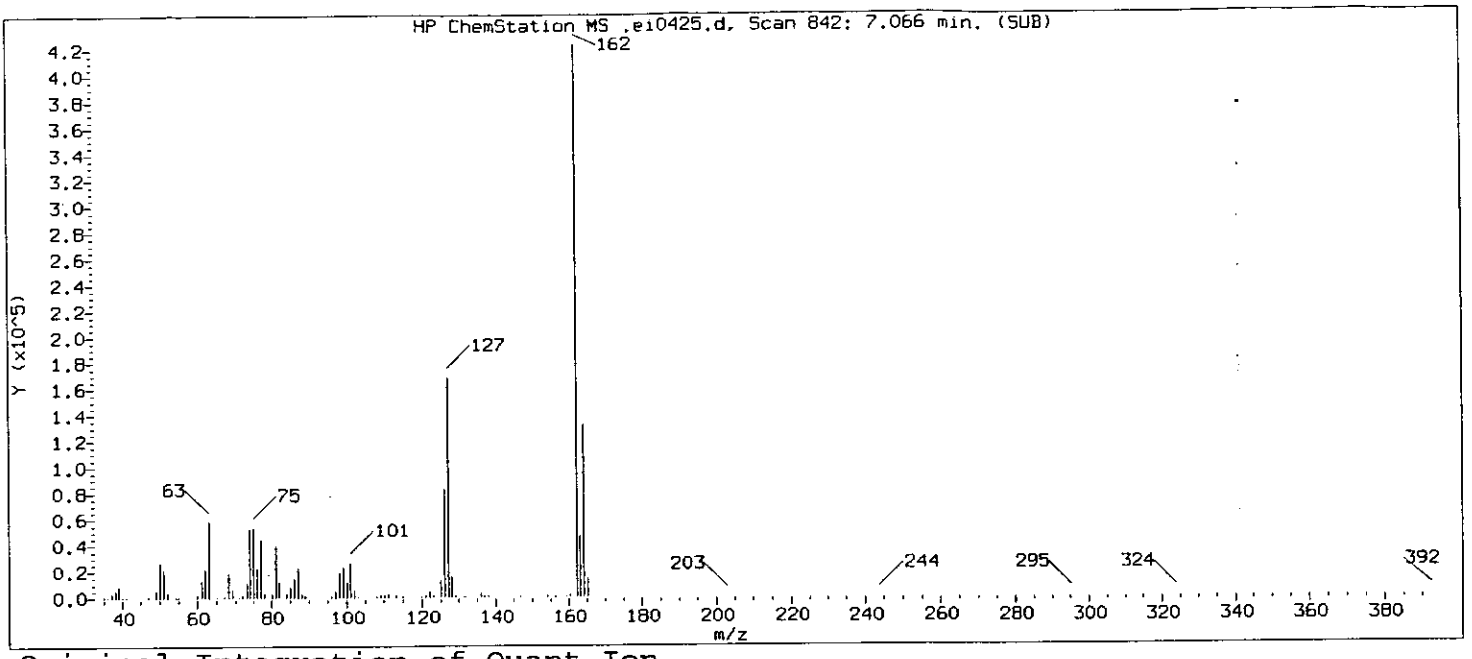
Sample Name: 246LALCS5 Lab Sample ID: 246LALCS

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
111) Fluorene	(3)	7.975	166	345506	47.9675
112) 4-Chlorophenyl-phenylether	(3)	7.981	204	161412	47.7684
114) 4-Nitroaniline	(3)	7.999	138	63114	30.5645
115) 4,6-Dinitro-2-methylphenol	(4)	8.023	198	42436	38.7754
117) N-Nitrosodiphenylamine	(4)	8.077	169	292947	54.0732
126) 4-Bromophenyl-phenylether	(4)	8.382	248	101758	48.1027
128) Hexachlorobenzene	(4)	8.424	284	105670	46.3023
132) Pentachlorophenol	(4)	8.586	266	38325	26.6268
136) Phenanthrene-d10	(4)	8.747	188	382248	40.0000
138) Phenanthrene	(4)	8.765	178	496576	49.4179
139) Anthracene	(4)	8.807	178	509133	47.4687
141) Carbazole	(4)	8.944	167	491423	46.2262
143) Di-n-butylphthalate	(4)	9.232	149	580931	46.2488
148) Fluoranthene	(4)	9.740	202	533829	45.1228
155) Pyrene	(5)	9.926	202	561216	51.1729
162) Butylbenzylphthalate	(5)	10.470	149	242266	47.8172
165) 3,3'-Dichlorobenzidine	(5)	10.961	252	113797	29.0294
167) Benzo(a)anthracene	(5)	10.984	228	520170	48.7662
168) Chrysene-d12	(5)	10.990	240	369508	40.0000
169) Chrysene	(5)	11.020	228	496315	48.7630
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	319737	50.0726
171) Di-n-octylphthalate	(6)	11.726	149	549239	47.9640
173) Benzo(b)fluoranthene	(6)	12.151	252	526603	48.4384
174) Benzo(k)fluoranthene	(6)	12.187	252	491439	43.3947
175) Benzo(a)pyrene	(6)	12.534	252	467851	47.5141
176) Perylene-d12	(6)	12.600	264	297241	40.0000
180) Indeno(1,2,3-cd)pyrene	(6)	13.922	276	528180	44.8122
181) Dibenz(a,h)anthracene	(6)	13.952	278	452752	49.3929
182) Benzo(g,h,i)perylene	(6)	14.251	276	456202	45.9409
9) 2-Fluorophenol	(1)	3.806	112	603984	172.2750
15) Phenol-d6	(1)	4.661	99	929929	172.0087
38) Nitrobenzene-d5	(2)	5.451	82	446209	89.4367
78) 2-Fluorobiphenyl	(3)	6.970	172	628333	88.6349
119) 2,4,6-Tribromophenol	(3)	8.179	330	214285	190.0947
157) Terphenyl-d14	(5)	10.057	244	747136	86.8050

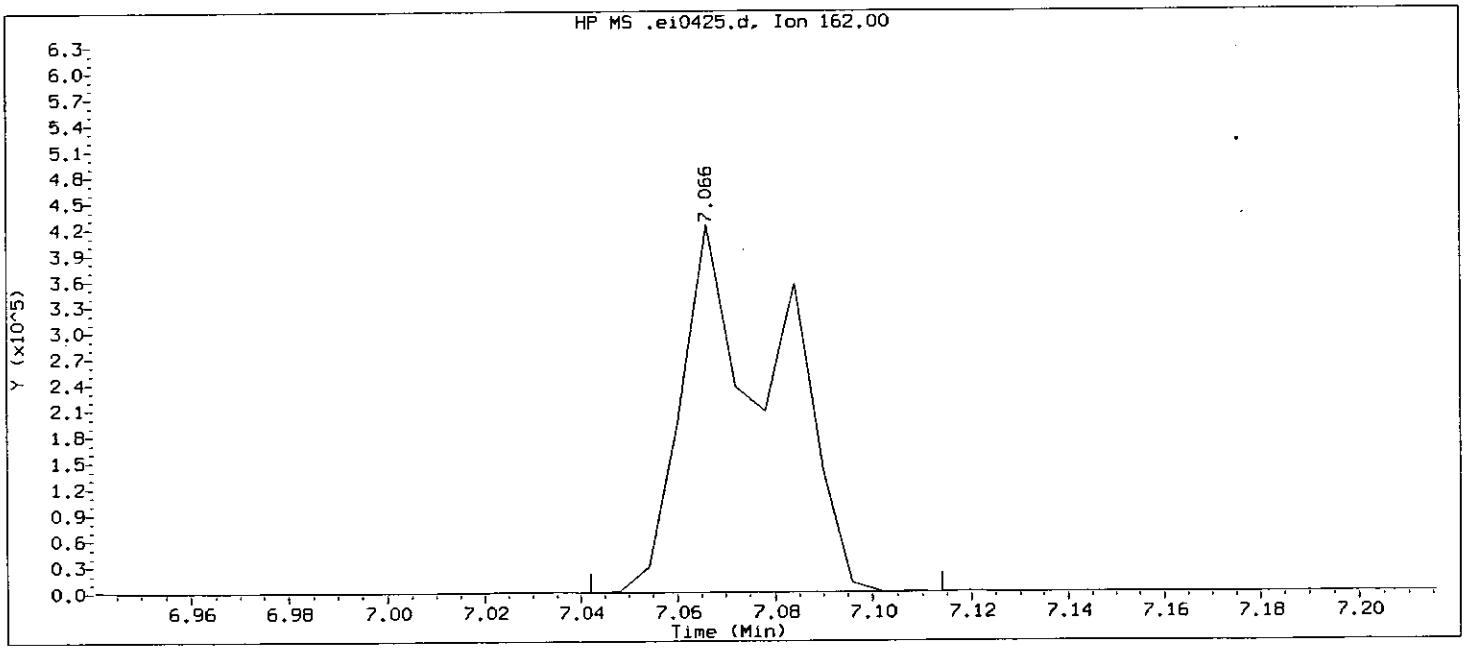
M = Compound was manually integrated. A = User selected an alternate hit

8SX84 0456

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0425.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 15:13 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 14:35
Date, time and analyst ID of latest file update: 09-Sep-2008 15:31 Automation

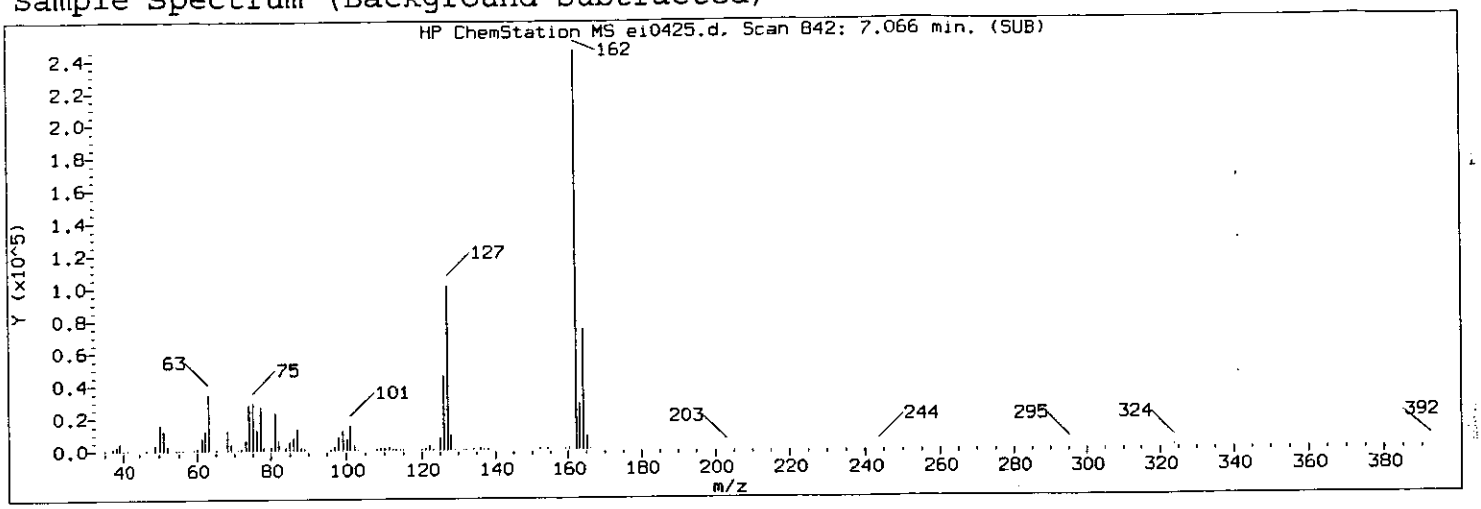
Sample Name: 246LALCS5 Lab Sample ID: 246LALCS

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area : 575455
Concentration (ng/ul) : 82.1820
Integration start scan : 837 Integration stop scan: 849
Y at integration start : 0 Y at integration end: 24

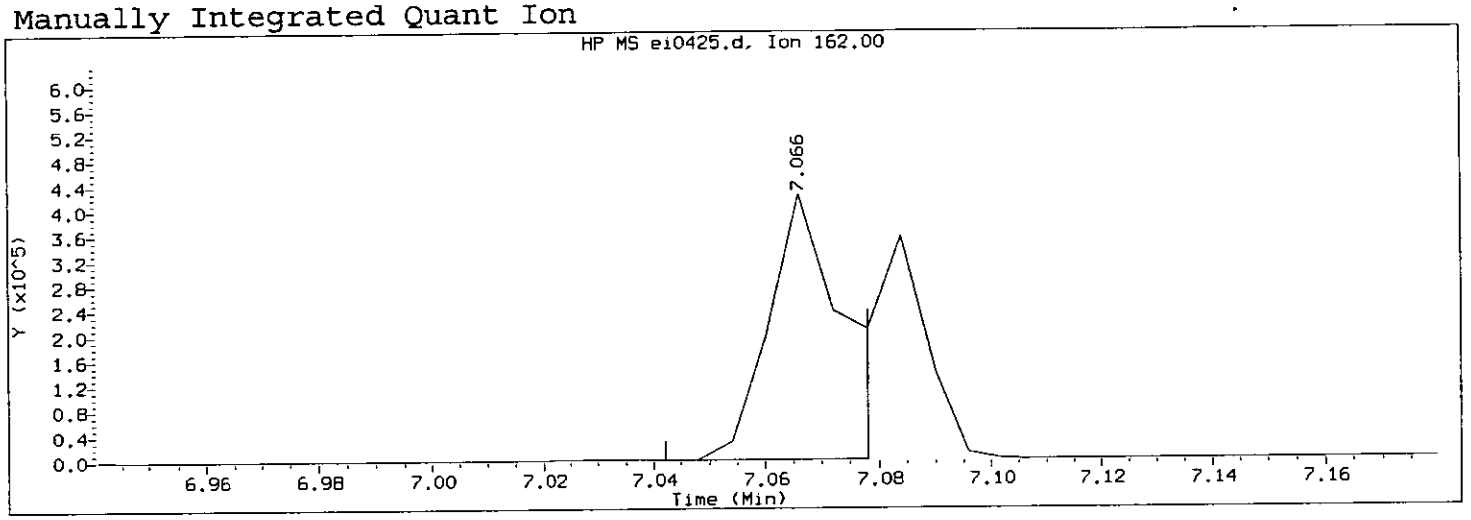
MM 09/09/08 ASX84 8457

Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0425.d, generated on 09/09/2008 at 20:07

Sample Spectrum (Background Subtracted)



Manually Integrated Quant Ion



Data File: /chem/HP09572.i/08sep09.b/ei0425.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 15:13 Analyst ID: rpb01568

Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: 246SLA
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Sample Name: 246LALCS5 Lab Sample ID: 246LALCS

Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area (flag) : 393126 M
Concentration (ng/ul) : 56.1432
Integration start scan : 837 Integration stop scan: 843
Y at integration start : 0 Y at integration end: 11

Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mm198 09/09/08

GC/MS audit/management approval: 9/10/08 ASX84 8458

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0425.d, generated on 09/09/2008 at 20:07

Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP09572 **HP #05**

*** Shift #1 Analyst: _____ *** Shift #2 Analyst: Frattenstine 19

ICAL 8270C BAS

Comment Code:

R	= Reinjection necessary	X	= Sample sent to be reextracted
S	= Surrogate problem	I	= Internal Standard problem
NU	= Not used	F	= Further dilution required
MR	= Meets requirements	IUO	= Internal use only
Cz	= Confirms z, (z = I or X)	T	= Injected outside valid tune period

Other problems or comments are as follows:

Data Directory Path is - D:\DATA\08sep03\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	EI0100.D	DFTPP	8270DFTPP1748	03 Sep 2008	19:06			NU
6	EI0101.D	SSTD050	STD2388	03 Sep 2008	19:20			NU
1	EI0100Z.D	DFTPP	8270DFTPP1748	03 Sep 2008	19:41			MR
6	EI0101A.D	SSTD050	STD2388	03 Sep 2008	19:56			MR
2	EI0102.D	SSTD2.5	STD2388	03 Sep 2008	20:20			MR
3	EI0103.D	SSTD005	STD2478	03 Sep 2008	20:43			MR
4	EI0104.D	SSTD015	STD2478	03 Sep 2008	21:06			MR
5	EI0105.D	SSTD030	STD2478	03 Sep 2008	21:30			MR
6	EI0106.D	SSTD050	STD2478	03 Sep 2008	21:53			MR
7	EI0107.D	SSTD080	STD2478	03 Sep 2008	22:17			MR
8	EI0108.D	SSTD120	STD2478	03 Sep 2008	22:40			MR
11	EI0111.D	SSTD005	BAS2188	03 Sep 2008	23:03			MR
12	EI0112.D	SSTD015	BAS2188	03 Sep 2008	23:26			MR
13	EI0113.D	SSTD030	BAS2188	03 Sep 2008	23:50			MR
14	EI0114.D	SSTD050	BAS2188	04 Sep 2008	00:13			MR
15	EI0115.D	SSTD080	BAS2188	04 Sep 2008	00:37			MR
16	EI0116.D	SSTD120	BAS2188	04 Sep 2008	1:00			MR
17	EI0117.D	SSTD001	BASMDL2188	04 Sep 2008	1:23			MR
18	EI0118.D	SSTD050	BASICV1718	04 Sep 2008	1:47			MR
9	EI0109.D	SSTD001	8270MDL2478	04 Sep 2008	2:10			MR
10	EI0110.D	SSTD050	ICV2358	04 Sep 2008	2:34			MR
19	EI0119.D	SBLKWH2435	SBLKWH243	04 Sep 2008	2:57	08243WAH		MR
20	EI0120.D	243WHLCS5	243WHLCS	04 Sep 2008	3:20	08243WAH		MR
21	EI0121.D	243WHLCSD5	243WHLCSD	04 Sep 2008	3:44	08243WAH		MR
22	EI0122.D	MOSFDRE	5446850RE	04 Sep 2008	4:07	08243WAH		MR
23	EI0123.D	MOS71RE	5446851RE	04 Sep 2008	4:30	08243WAH		MR
24	EI0124.D	FES-1DL	5450474DL	04 Sep 2008	4:54	08240WAI	10	MR
25	EI0125.D	CASS3	5450499	04 Sep 2008	5:17	08240WAI		MR
26	EI0126.D	CASS5	5450503	04 Sep 2008	5:40	08240WAI		MR
27	EI0127.D	CASS7	5450507	04 Sep 2008	6:03	08240WAI		MR
28	EI0128.D	CASS9	5450511	04 Sep 2008	6:27	08240WAI		MR
29	EI0129.D	CAS11	5450515	04 Sep 2008	6:50	08240WAI		MR
30	EI0130.D	MW-1SRE	5450466RE	04 Sep 2008	7:13	08240WAI		IC
31	EI0131.D	MW-2SRE	5450470RE	04 Sep 2008	7:37	08240WAI		IC

Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP09572 **HP #05**

*** Shift #1 Analyst:_____ *** Shift #2 Analyst: Hartenstine, 1980

Comment Code:

R	=	Reinjection necessary	X	=	Sample sent to be reextracted
S	=	Surrogate problem	I	=	Internal Standard problem
NU	=	Not used	F	=	Further dilution required
MR	=	Meets requirements	IUO	=	Internal use only
Cz	=	Confirms z, (z = I or X)	T	=	Injected outside valid tune period

V 8270C + ALT

Other problems or comments are as follows:

_____

_____

_____

_____

Data Directory Path is - D:\DATA\08sep09\

ALS Btl #	Laboratory File ID	Client ID	Lab Sample ID	Date injected	Time injected	Case and SDG Number or Extraction Batch Number	Dilution Factor	Comments
1	EI0420.D	DFTPP	8270DFTPP1748	09 Sep 2008	12:36			MR
2	EI0421.D	SSTD080	STD2478	09 Sep 2008	12:58			MR
3	EI0422.D	SSTD080	BAS2188	09 Sep 2008	13:22			MR
4	EI0423.D	SSTD080	1ALT2348	09 Sep 2008	13:45			MR
6	EI0424.D	SBLKLA2465	SBLKLA246	09 Sep 2008	14:50	08246SLA		MR
7	EI0425.D	246LALCS5	246LALCS	09 Sep 2008	15:13	08246SLA		MR
76	EI0426.D	SBLKWB2525	SBLKWB252	09 Sep 2008	15:38	08252WAB		MR
77	EI0427.D	252WBLCS5	252WBLCS	09 Sep 2008	16:02	08252WAB		MR
78	EI0428.D	252WBLCSD5	252WBLCSD	09 Sep 2008	16:25	08252WAB		MR
79	EI0429.D	252WBLCS5	252WBLCS1	09 Sep 2008	16:48	08252WAB		MR
80	EI0430.D	252WBLCSD5	252WBLCSD1	09 Sep 2008	17:12	08252WAB		MR
81	EI0431.D	8N44ARE	5452490RE	09 Sep 2008	17:35	08252WAB		SC
8	EI0432.D	AMS33	5454445	09 Sep 2008	17:58	08246SLA		MR
9	EI0433.D	AMS33MS	5454446	09 Sep 2008	18:22	08246SLA		MR
10	EI0434.D	AMS33MSD	5454447	09 Sep 2008	18:45	08246SLA		MR
11	EI0435.D	AMSS5	5454413	09 Sep 2008	19:09	08246SLA		MR
12	EI0436.D	AMS15	5454424	09 Sep 2008	19:32	08246SLA		MR
13	EI0437.D	AMSSY	5454425	09 Sep 2008	19:55	08246SLA		MR
2	EI0437C.D	SECC080	STD2478	09 Sep 2008	20:18			MR
14	EI0438.D	819A-	5455946	09 Sep 2008	20:42	08246SLA		MR
15	EI0439.D	819B-	5455947	09 Sep 2008	21:05	08246SLA		MR
24	EI0440.D	L05-2	5452697	09 Sep 2008	21:28	08243SLB		MR
25	EI0441.D	L09-4	5452706	09 Sep 2008	21:52	08243SLB		MR
26	EI0442.D	L0E34	5452710	09 Sep 2008	22:15	08243SLB		MR

Extraction/Distillation/Digestion Logs

ASX84 B461

Organic Extraction Batchlog

08246SLA026

Reviewed By: R. Byrne 1560 Start Date: 9/2/08 Start Time: 2:50

Tech 1: AF2140 Tech 2:

Prep Group # 702 TC8 - Soil/Solid Dept: 26 Prep Analysis # 00381 BNA Soil Extraction

QC	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANK6	PBLK13	30	SS0821426B	1.0		1.0	1.0	N/A	N/A	N/A	NA2SO4
LCS6	LCSD9	30	SS0821426B		MS0823926H						
5454446MS	AMS33MS	30	SS0821426B		MS0823926H					21A	Gritty
5454447MSD	AMS33MSD	30	SS0821426B		MS0823926H						

Solvent Used	Lot No.
1:1 Methylene Chloride/Aceton	185082008A
Filter paper	J11374818
Methylene Chloride	G32E43
Sodium Sulfate	08246A

Spike Solutions: **Witness:** N/A

SS0821426B BNA SURROGATE STANDARD
MS0823926H LCS SPIKE MIX

AF2140 9/2/08

	Sample #	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5454413	AMSS5	30	SS0821426B	1.0	1.0	N/A	N/A	20A	Black Gritty w/ stones	4688	9/10/2008	N
2	5454424	AMS15	30	SS0821426B							4688	9/10/2008	N
3	5454425	AMSSY	30	SS0821426B							4688	9/10/2008	N
4	5454445 bkg	AMS33	30	SS0821426B					21A	Gritty	4688	9/10/2008	N
5	5455946	819A-	30	SS0821426B					20A	Clumpy w/ stones mylky Lock	4688	9/12/2008	P
6	5455947	819B-	30	SS0821426B						Dirt w/ stones	4688	9/12/2008	P
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

AF2140 9/2/08

Rack ID:	Work Station: Sonic Hood-4	S-bath ID 3	90 °C	S-bath ID	°C	N-Evap	°C	M-vap	°C	08246SLA026
Internal Standard: 2057045	Balance # 10879	Documented temps are NIST corrected.								

DF = Dilution Factor FV = Final Volume

Volatiles by GC Data

ASX0480463

Case Narrative
Conformance/Nonconformance
Summary

ASX84 B464

Lancaster Laboratories

Where quality is a science.

Case Narrative
SDG# ASX04

Client: Stantec
Volatiles by GC - Water

SAMPLE ANALYSES

LL Sample #	Sample Designation	Matrix Soil	Water	Comments
5454429	AMSB1		X	

QUALITY CONTROL ANALYSES

BLK0112		X	Method Blank
LCS0112		X	Lab Control Sample
LDS0112		X	Lab Control Dup

SAMPLE PREPARATION

No dilutions were necessary for the samples listed above.

ANALYSIS

No problems were encountered during analysis.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method or by the client.

All QC is within specifications.

DATA INTERPRETATION

No explanation is necessary for the data submitted.

Narrative reviewed and approved by:

Dana M. Kauffman, Manager — **Date** 9/17/08

ASX04 0465

Lancaster Laboratories, Inc • 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681

QC Summary

6SX84 8466

Quality Control Summary
SDG# ASX04

Surrogate Recovery
Volatiles by GC - Water

LL Sample#	Sample Code	Dilution Factor	TFT-F Water-FID % Recovery	TFT-P Water-PID % Recovery	TOT OUT
5454429	AMSB1	1.0	109	105	
BLK0112	METHOD BLANK	1.0	113	106	
LCS0112	LAB CONTROL	1.0	112	107	
LDS0112	LAB CON DUP	1.0	112	106	

* = Values outside quality control limits.
D = Surrogates diluted - not counted towards total out.
TOT OUT = Total # of surrogates with recovery outside control limits.

		Control Limits Lower	Upper
TFT-F	= Trifluorotoluene (Water - FID)	70	130
TFT-P	= Trifluorotoluene (Water - PID)	70	130

Quality Control Summary
SDG# ASX04

Method Blank
Volatiles by GC - Water

Blank ID.....: BLK0112
Date.....: 09/04/08
Instrument.....: 5648

Batch Number.....: 08248A01A
Time.....: 13:35
Matrix.....: Water

Sample Information			
LL Sample#	Sample Code	Analysis Date	Analysis Time
LCS0112	LAB CONTROL	09/04/08	14:59
LDS0112	LAB CON DUP	09/04/08	15:41
5454429	AMSB1	09/04/08	17:47

Method Blank Results				
CAS Number	Compound	Blank Conc. (UG/L)	LOQ (UG/L)	MDL (UG/L)
0000-00-0	ADJUSTED C5-C8 ALIPHATIC HYDRO	ND	5000	2500
0000-00-0	ADJUSTED C9-C12 ALIPHATIC HYDR	ND	5000	2500
0000-00-0	UNADJUSTED C5-C8 ALIPHATIC HYD	ND	5000	2500
0000-00-0	UNADJUSTED C9-C12 ALIPHATIC HY	ND	5000	2500
00000000	C9-C10 AROMATIC HYDROCARBONS	ND	5000	2500
1634-04-4	METHYL T-BUTYL ETHER	ND	100	50
71-43-2	BENZENE	ND	100	50
108-88-3	TOLUENE	ND	100	50
100-41-4	ETHYLBENZENE	ND	100	50
108-38-3	M,P-XYLENE	ND	100	50
95-47-6	O-XYLENE	ND	100	50
91-20-3	NAPHTHALENE	ND	100	50

LOQ = Limit of Quantitation; MDL = Method Detection Limit
ND = None Detected; * = Above Limit of Quantitation

ASX04 8468

Lancaster Laboratories

Quality Control Summary
SDG# ASX04

Lab Control/Lab Control Duplicate
VOLATILES BY GC

Batchnumber: 08248A01A
Date: 9/4/2008 2:59:00PM
Matrix: LIQUID

Instrument: 05648
Calibration Date:

Compound	Spike Added ug/l	LCS Conc ug/l	LDS Conc ug/l	LCS % Recov	LDS % Recov	LCS Limits Recov	RPD	LCS Limits RPD
Benzene	50.00	47.2	47.8	94.00	96.00	70-130	1	50
Toluene	50.00	47.9	48.8	96.00	98.00	70-130	2	50
Ethylbenzene	50.00	48.9	50.0	98.00	100.00	70-130	2	50
m,p-Xylenes	100.00	100	102	100.00	102.00	70-130	1	50
o-Xylene	50.00	47.0	47.8	94.00	96.00	70-130	2	50
Methyl t-butyl ether	50.00	48.0	48.1	96.00	96.00	70-130	0	50
Naphthalene	50.00	50.0	51.8	100.00	104.00	70-130	4	50
C5-C8 Aliphatic Hydrocart	150.00	162	166	108.00	111.00	70-130	2	50
C9-C12 Aliphatic Hydrocar	150.00	147	151	98.00	100.00	70-130	3	50
C9-C10 Aromatic Hydroca	50.00	49.3 J	50.0 J	99.00	100.00	70-130	1	50
Unadjusted C5-C8 Aliphat	300.00	306	311	102.00	104.00	70-130	2	50
Unadjusted C9-C12 Aliphe	400.00	392	400	98.00	100.00	70-130	2	50

LCS=Lab Control Sample; LDS=Lab Control Sample Duplicate; RPD=Relative Percent Difference

* = Value outside quality control limits.

ASX04 8469

Sample Data

ASX64 8478

Analysis LOQ/MDL Report

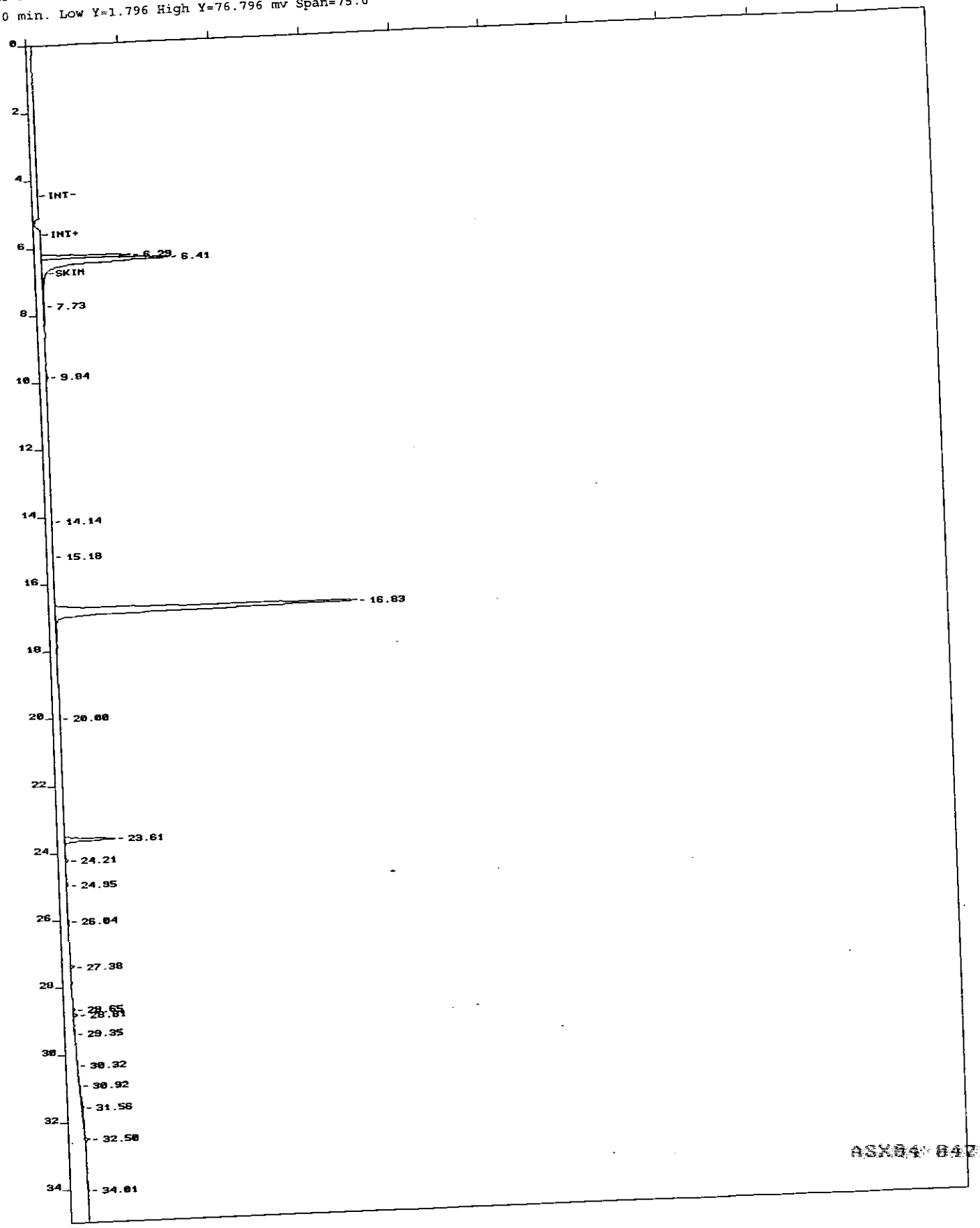
Analysis: 08754 Name: MA - VPH waters

Description: Default Values

Compound	Units	LOQ	MDL
ETHYL BENZENE	ug/l	5	2
TOLUENE	ug/l	5	2
MTBE	ug/l	5	2
BENZENE	ug/l	1	0.5
Naphthalene	ug/l	5	2
o-xylene	ug/l	5	2
Unadjusted C9-C12 Aliphatics	ug/l	100	50
C5-C8 Aliphatic Hydrocarbons	ug/l	100	50
Unadjusted C5-C8 Aliphatics	ug/l	100	50
C9-C10 Aromatic Hydrocarbons	ug/l	100	50
C9-C12 Aliphatic Hydrocarbons	ug/l	100	50
M/P-XYLENES	ug/l	10	5

ASX84 8471

File=C:\CP\DATA1\01248.10R Date printed=09-04-2008 Time= 17:47:17
Sample Name=5454429 SB %26A% 08248A01A8754
0.0 to 35.0 min. Low Y=1.796 High Y=76.796 mv Span=75.0



ASX04 0472

Sample Name: **5454429** **SB %26A%**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 17:47:15
Cycle: 10
Analyst: 290
Raw File: C:\CP\DATA1\01248.10R
Area File: C:\CP\DATA1\01248.10A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 45)
Last calibration update: 09/04/:8 12:00:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.292	6.292		362.993	39640	7448
6.408	6.408		919.791	100445	10666
7.733	7.733	n-PENTANE	0.120	577	64
9.843	9.843		10.502	1147	124
14.137	14.137	2,2,4-TMP	0.103	456	37
15.178	15.178	BENZENE	0.051	393	22
16.833	16.833	SURR-TFT-F	54.699	218074	25022
19.998	19.998		3.788	414	28
23.613	23.613	SURR-1C3FB	53.049	22277	4256
24.209	24.209	n-NONANE	0.318	1301	224
24.948	24.948	M,P-XYLENE	0.089	671	122
26.039	26.039	O-XYLENE	0.097	715	77
27.379	27.379	n-DECANE	0.353	1391	334
28.649	28.649	1,2,4-TMB	0.112	762	174
28.815	28.815	n-BUTYLCYCLOHEXANE	0.308	1386	358
29.352	29.352		4.726	516	54
30.318	30.318		3.016	329	46
30.916	30.916		4.443	485	67
31.558	31.558		23.027	2515	139
32.503	32.503		19.945	2178	463
34.014	34.014		10.632	1161	123

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.63	24.12	122.31155	8.30830%	243.3373E+03	61.3198%
2	24.13	32.42	36.48902	2.47860%	100.7183E+02	2.5380%

Total slice amount = 158.8006 Total slice area = 253409.2
Total slice amount% = 10.7869 Total slice area% = 63.85785

Surrogate Recoveries

Surrogate 1C3FB: **106.1%**
Surrogate TFT: **109.4%**

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: KMO [illegible] Date: 9/7/08

Verified by: MLM Date: 9/9/08

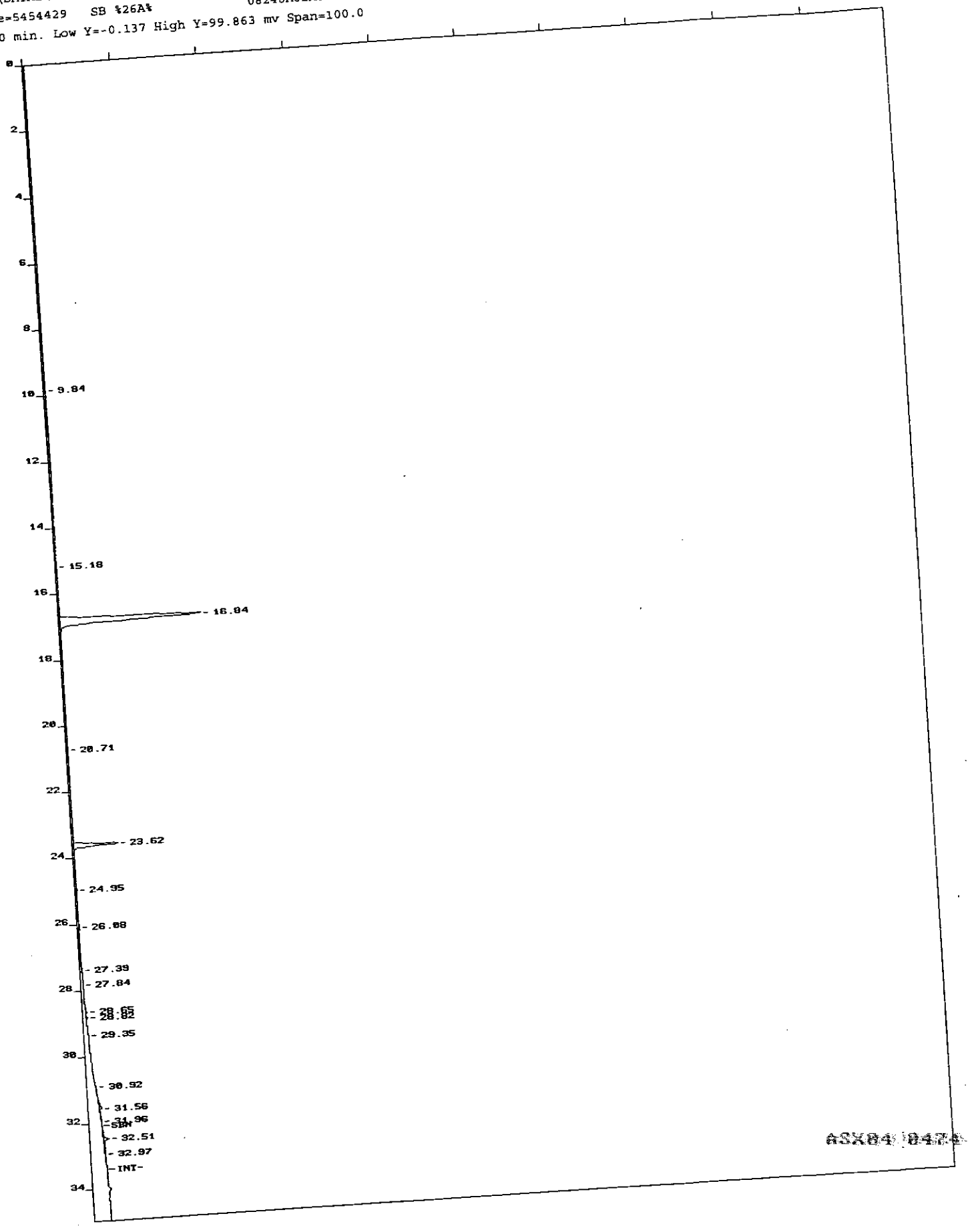
Sample Name: **5454429** **SB %26A%** **08248A01**
Date Acquired: Sep 4, 2008 17:47:15

ASX04 8473

'ile=C:\CP\DATA1\01248B.10R Date printed=09-04-2008 Time= 17:47:37

Sample Name=5454429 SB %26A% 08248A01A8754

).0 to 35.0 min. Low Y=-0.137 High Y=99.863 mv Span=100.0



Sample Name: **5454429** **SB %26A%**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 17:47:15
Cycle: 10
Analyst: 290
Raw File: C:\CP\DATA1\01248B.10R
Area File: C:\CP\DATA1\01248B.10A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 27)
Last calibration update: 09/04/:8 12:00:24

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.053	10.053	METHYL T-BUTYL ETHER	0.0000	0	0
15.177	15.161	BENZENE	0.0400	399	27
16.837	16.836	SURR-TFT-P	52.6142	142482	16391
20.710	20.694	TOLUENE	0.0220	189	28
23.617	23.624	ISTD-1C3FB	1.0000	27491	5140
24.771	24.771	ETHYLBENZENE	0.0000	0	0
24.953	24.962	M,P-XYLENE	0.0958	767	128
26.085	26.038	O-XYLENE	0.1991	1455	139
28.652	28.662	1,2,4-TMB	0.1054	724	169
32.505	32.516	NAPHTHALENE	0.8023	4089	644

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.14	32.42	2.82579	4.95470%	809.0451E+01	5.0997%

Total slice amount = 2.825788 Total slice area = 8090.451
Total slice amount% = 4.954697 Total slice area% = 5.099677

XYLENES (TOTAL) = 0.2949 ug/L

Surrogate Recoveries

Surrogate TFT: 105.23%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT **08248A01**
Sample Name: **5454429** **SB %26A%**
Date Acquired: Sep 4, 2008 17:47:15

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 100.1%

Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: [illegible] Date: 9/2/08

Verified by: MW Date: 9/9/08

ASX04 8425

Standards Data

RSX84 8476

5890-1
Analysis Runlog
Printed 08/25/08 at 08:26

File	Sample	DF	Date	Time	SDG	RT	Batch	U'd	V'd	Comments	Scans
01235.01R	SETUP	1	08/22/08	14:16			08235A01A				8754 5869 8765 5988
01235B.01R	SETUP	1	08/22/08	14:16			08235A01A				8754 5869 8765 5988
01235.02R	CBLK	1	08/22/08	14:57			08235A01A				8754 5869 8765 5988
01235B.02R	CBLK	1	08/22/08	14:57			08235A01A				8754 5869 8765 5988
01235.03R	CBLK	1	08/22/08	15:39			08235A01A				8754 5869 8765 5988
01235B.03R	CBLK	1	08/22/08	15:39			08235A01A				8754 5869 8765 5988
01235.04R	CBLK	1	08/22/08	16:21			08235A01A				8754 5869 8765 5988
01235B.04R	CBLK	1	08/22/08	16:21			08235A01A				8754 5869 8765 5988
01235.05R	CBLK	1	08/22/08	17:02			08235A01A				8754 5869 8765 5988
01235B.05R	CBLK	1	08/22/08	17:02			08235A01A				8754 5869 8765 5988
01235.06R	CALSTD1	1	08/22/08	17:44			08235A01A				8754 5869 8765 5988
01235B.06R	CALSTD1	1	08/22/08	17:44			08235A01A				8754 5869 8765 5988
01235.07R	CALSTD2	1	08/22/08	18:26			08235A01A				8754 5869 8765 5988
01235B.07R	CALSTD2	1	08/22/08	18:26			08235A01A				8754 5869 8765 5988
01235.08R	CALSTD3	1	08/22/08	19:08			08235A01A				8754 5869 8765 5988
01235B.08R	CALSTD3	1	08/22/08	19:08			08235A01A				8754 5869 8765 5988
01235.09R	CALSTD4	1	08/22/08	19:50			08235A01A				8754 5869 8765 5988
01235B.09R	CALSTD4	1	08/22/08	19:50			08235A01A				8754 5869 8765 5988
01235.10R	CALSTD5	1	08/22/08	20:32			08235A01A				8754 5869 8765 5988
01235B.10R	CALSTD5	1	08/22/08	20:32			08235A01A				8754 5869 8765 5988
01235.11R	CBLK	1	08/22/08	21:13			08235A01A				8754 5869 8765 5988
01235B.11R	CBLK	1	08/22/08	21:13			08235A01A				8754 5869 8765 5988
01235.12R	CALSTD6	1	08/22/08	21:55			08235A01A				8754 5869 8765 5988
01235B.12R	CALSTD6	1	08/22/08	21:55			08235A01A				8754 5869 8765 5988
01235.13R	CBLK	1	08/22/08	22:37			08235A01A				8754 5869 8765 5988
01235B.13R	CBLK	1	08/22/08	22:37			08235A01A				8754 5869 8765 5988
01235.14R	CALSTD7	1	08/22/08	23:19			08235A01A				8754 5869 8765 5988
01235B.14R	CALSTD7	1	08/22/08	23:19			08235A01A				8754 5869 8765 5988
01235.15R	CBLK	1	08/23/08	00:01			08235A01A				8754 5869 8765 5988
01235B.15R	CBLK	1	08/23/08	00:01			08235A01A				8754 5869 8765 5988
01235.16R	CBLK	1	08/23/08	00:42			08235A01A				8754 5869 8765 5988
01235B.16R	CBLK	1	08/23/08	00:42			08235A01A				8754 5869 8765 5988
01235.17R	CALSTD8	1	08/23/08	01:24			08235A01A				8754 5869 8765 5988
01235B.17R	CALSTD8	1	08/23/08	01:24			08235A01A				8754 5869 8765 5988
01235.18R	CBLK	1	08/23/08	02:06			08235A01A				8754 5869 8765 5988
01235B.18R	CBLK	1	08/23/08	02:06			08235A01A				8754 5869 8765 5988
01235.19R	CBLK	1	08/23/08	02:48			08235A01A				8754 5869 8765 5988
01235B.19R	CBLK	1	08/23/08	02:48			08235A01A				8754 5869 8765 5988
01235.20R	CBLK	1	08/23/08	03:29			08235A01A				8754 5869 8765 5988
01235B.20R	CBLK	1	08/23/08	03:29			08235A01A				8754 5869 8765 5988
01235.21R	CBLK	1	08/23/08	04:11			08235A01A				8754 5869 8765 5988
01235B.21R	CBLK	1	08/23/08	04:11			08235A01A				8754 5869 8765 5988
A1235.21R	CBLK	1	08/23/08	11:15			08235A01A				8754 5869 8765 5988
A1235B.21R	CBLK	1	08/23/08	11:15			08235A01A				8754 5869 8765 5988
01235.22R	CHKSTD	1	08/23/08	11:57			08235A01A				8754 5869 8765 5988

* = QC Summary Required

5890-1
Analysis Runlog
Printed 08/25/08 at 08:26

File	Sample	DF	Date	Time	SDG	RT	Batch	U'd	V'd	Comments	Scans
01235B.22R	CHKSTD	1	08/23/08	11:57			08235A01A				8754 5869 8765 5988
01235.23R	CBLK	1	08/23/08	12:58			08235A01A				8754 5869 8765 5988
01235B.23R	CBLK	1	08/23/08	12:58			08235A01A				8754 5869 8765 5988
01235.24R	BLK0101	1	08/23/08	13:40			08235A01A				8754 5869 8765 5988
01235B.24R	BLK0101	1	08/23/08	13:40			08235A01A				8754 5869 8765 5988
01235.25R	DLS0101	1	08/23/08	14:22			08235A01A				8754 5869 8765 5988
01235B.25R	DLS0101	1	08/23/08	14:22			08235A01A				8754 5869 8765 5988
01235.26R	LCS0101	1	08/23/08	15:03			08235A01A				8754 5869 8765 5988
01235B.26R	LCS0101	1	08/23/08	15:03			08235A01A				8754 5869 8765 5988
01235.27R	LDS0101	1	08/23/08	15:45			08235A01A				8754 5869 8765 5988
01235B.27R	LDS0101	1	08/23/08	15:45			08235A01A				8754 5869 8765 5988
01235.28R	CBLK	1	08/23/08	16:27			08235A01A				8754 5869 8765 5988
01235B.28R	CBLK	1	08/23/08	16:27			08235A01A				8754 5869 8765 5988

* = QC Summary Required

08235A01

KO → LW
8/25/08

MA-VPH CALIBRATION FACTOR CALCULATIONS			
Component	Cal level	Cal Amnt.	Area
n-Pentane	1	1	6803
	2	5	24677
	3	10	46547
	4	20	94306
	5	50	225599
	6	100	419005
	7	200	873529
	8	500	2148934
	Total	886	3839400
2-methylpentane	1	1	4107
	2	5	24661
	3	10	48344
	4	20	99922
	5	50	244138
	6	100	451877
	7	200	959037
	8	500	2369809
	Total	886	4201895
2,2,4-TMP	1	1	4309
	2	5	23900
	3	10	46859
	4	20	96470
	5	50	227433
	6	100	408482
	7	200	853494
	8	500	1964951
	Total	886	3625898
n-Nonane	1	1	3553
	2	5	18344
	3	10	35628
	4	20	71498
	5	50	181869
	6	100	385081
	7	200	1013980
	8	500	2918129
	Total	886	4628082
Component	Cal level	Cal Amnt.	Area
n-Decane	1	1	3344
	2	5	17036
	3	10	33253
	4	20	67276
	5	50	182187
	6	100	462611
	7	200	1176170
	8		0
	Total	386	1941877

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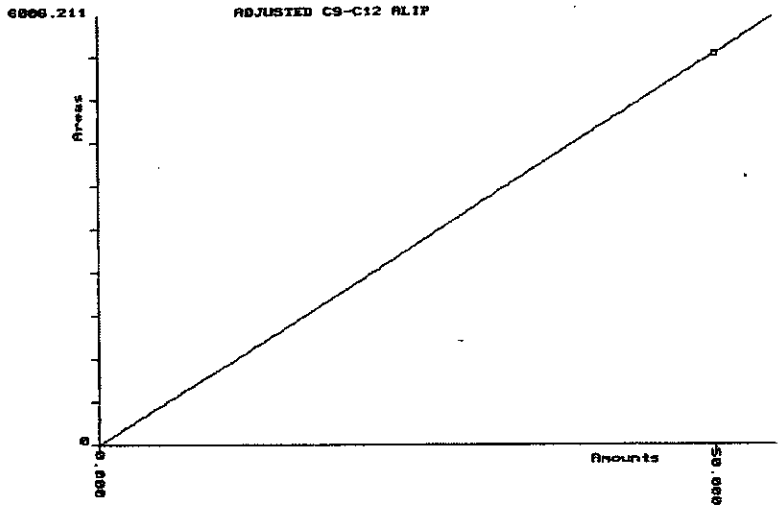
butylcylcohexane	1	1	4107
	2	5	20359
	3	10	39650
	4	20	81118
	5	50	202413
	6	100	426682
	7	200	1083764
	8	500	3059149
	Total	886	4917242
1,2,4-TMB (PID)	1	1	7192
	2	5	34824
	3	10	68601
	4	20	140626
	5	50	333746
	6	100	634462
	7	200	1214238
	8	500	2437302
	Total	886	4870991
C5-C8 Aliphatic CF =		4389	
C9-C12 Aliphatic CF =		5323	
C9-C10 Aromatic CF =		5498	

Cal file = C:\CP\DATA1\01235MAF.CAL Version number = 29
Cal file date = 08-23-2008 11:59:43
External standard calibration.
Default injection volume = 0 Area reject = 0
Reference peak area reject = 0 Sample units = UG/L
Default component for unknowns = UNADJUSTED C5-C8 ALI

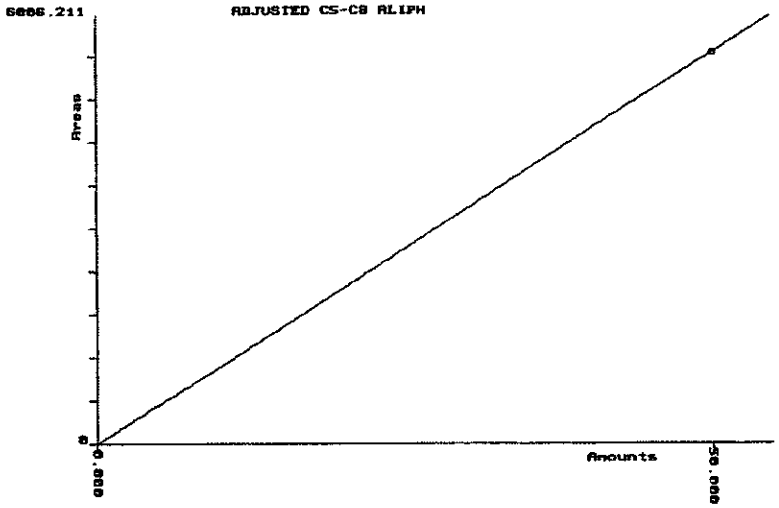
1 **ADJUSTED C9-C12 ALIP** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	50.00000	5460	10920.4E-02	Manual	08-23-2008 10:15

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Area = 00.e00 +10.92e01*X^1
Average CF (EPA method 8000) = 109.2038 with %RSD = 0.0%

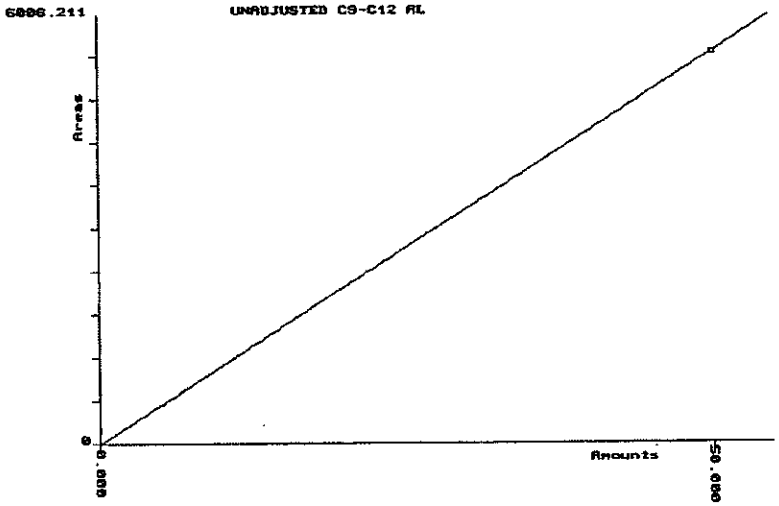
2 **ADJUSTED C5-C8 ALIPH** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	50.00000	5460	10920.4E-02	Manual	08-23-2008 10:15

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Area = 00.e00 +10.92e01*X^1
Average CF (EPA method 8000) = 109.2038 with %RSD = 0.0%

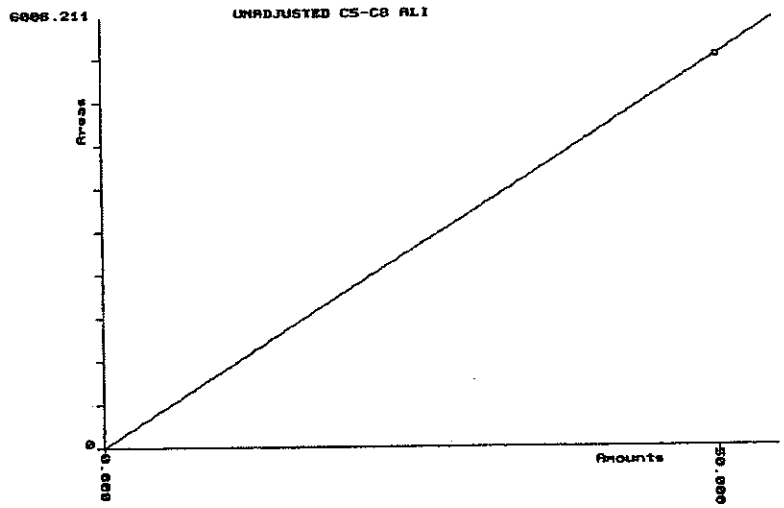
3 **UNADJUSTED C9-C12 AL** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	50.00000	5460	10920.4E-02	Manual	08-23-2008 10:15

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Area = 00.e00 +10.92e01*X^1
Average CF (EPA method 8000) = 109.2038 with %RSD = 0.0%

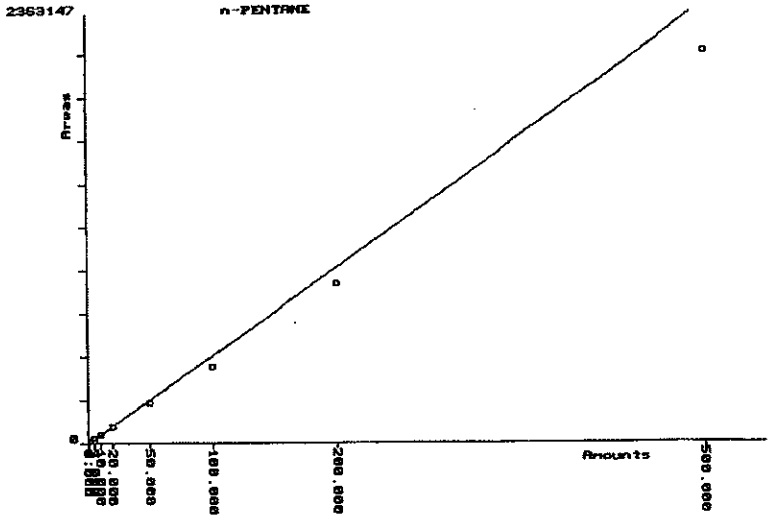
4 **UNADJUSTED C5-C8 ALI** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	50.00000	5460	10920.4E-02	Manual	08-23-2008 10:15

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Area = 00.e00 +10.92e01*X^1
Average CF (EPA method 8000) = 109.2038 with %RSD = 0.0%

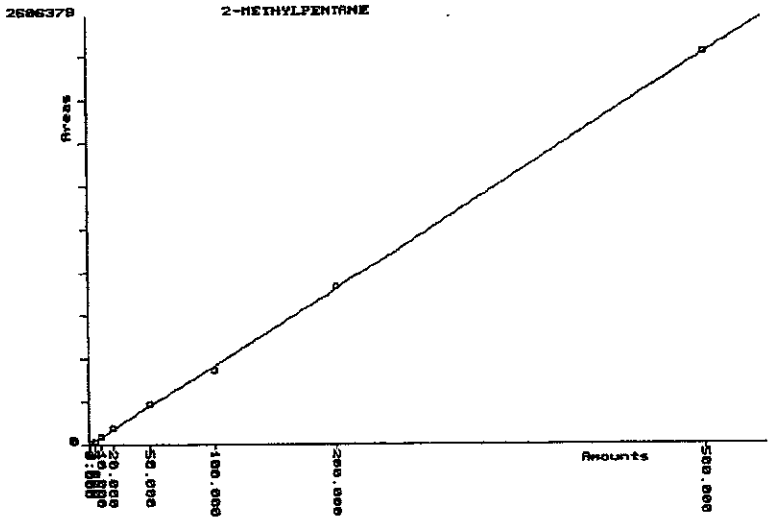
5 **n-PENTANE** Ret time= 7.706 min. Search window= 0.060 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	6803	68028.0E-01	Manual	08-23-2008 10:15
2	5.00000	24677	49353.4E-01	Manual	08-23-2008 10:15
3	10.00000	46547	46546.5E-01	Manual	08-23-2008 10:15
4	20.00000	94306	47153.2E-01	Manual	08-23-2008 10:16
5	50.00000	225599	45119.7E-01	01235.10A	08-23-2008 10:13
6	100.00000	419005	41900.5E-01	01235.12A	08-23-2008 10:13
7	200.00000	873529	43676.5E-01	01235.14A	08-23-2008 10:14
8	500.00000	2148934	42978.7E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9795297 Ave error=10.0712%
Area = 00.e00 +48.095e02*X^1
Average CF (EPA method 8000) = 4809.4551 with %RSD = 17.487%

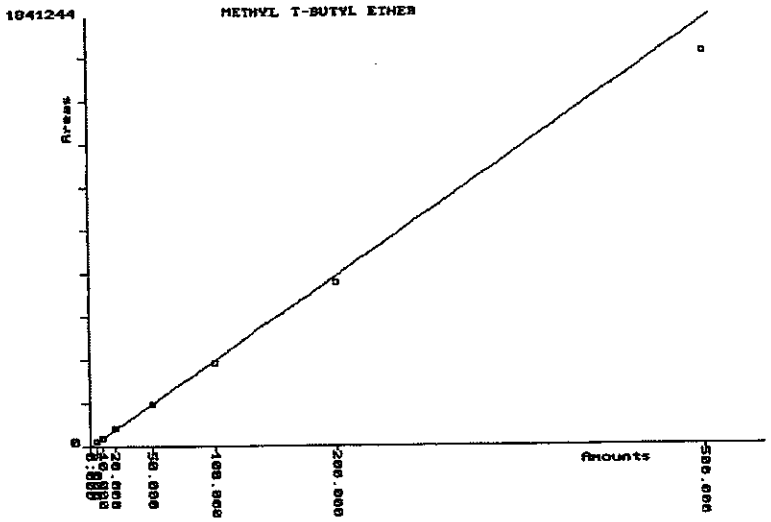
6 **2-METHYLPENTANE** Ret time= 9.377 min. Search window= 0.070 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	4107	41070.1E-01	Manual	08-23-2008 10:15
2	5.00000	24661	49321.8E-01	Manual	08-23-2008 10:15
3	10.00000	48344	48344.3E-01	Manual	08-23-2008 10:15
4	20.00000	99922	49960.9E-01	Manual	08-23-2008 10:16
5	50.00000	244138	48827.7E-01	01235.10A	08-23-2008 10:13
6	100.00000	451877	45187.7E-01	01235.12A	08-23-2008 10:13
7	200.00000	959037	47951.9E-01	01235.14A	08-23-2008 10:14
8	500.00000	2369809	47396.2E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9998344 Ave error=4.5557%
Area = 00.e00 +47.258e02*X^1
Average CF (EPA method 8000) = 4725.7568 with %RSD = 6.106%

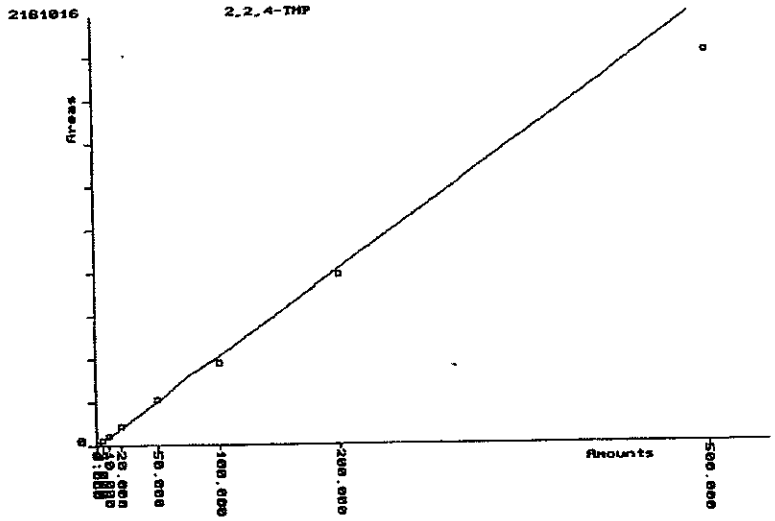
7 **METHYL T-BUTYL ETHER** Ret time= 10.012 min. Search window= 0.100 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	-1.00000	5115	-51145.6E-01	Manual	08-23-2008 10:15
2	5.00000	19589	39178.5E-01	Manual	08-23-2008 10:15
3	10.00000	37158	37157.7E-01	Manual	08-23-2008 10:15
4	20.00000	75107	37553.5E-01	Manual	08-23-2008 10:16
5	50.00000	181035	36207.1E-01	01235.10A	08-23-2008 10:13
6	100.00000	355299	35529.9E-01	01235.12A	08-23-2008 10:13
7	200.00000	699817	34990.9E-01	01235.14A	08-23-2008 10:14
8	500.00000	1675639	33512.8E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9905439 Ave error=3.9273%
Area = 00.e00 +36.304e02*X^1
Average CF (EPA method 8000) = 3630.4312 with %RSD = 5.113%

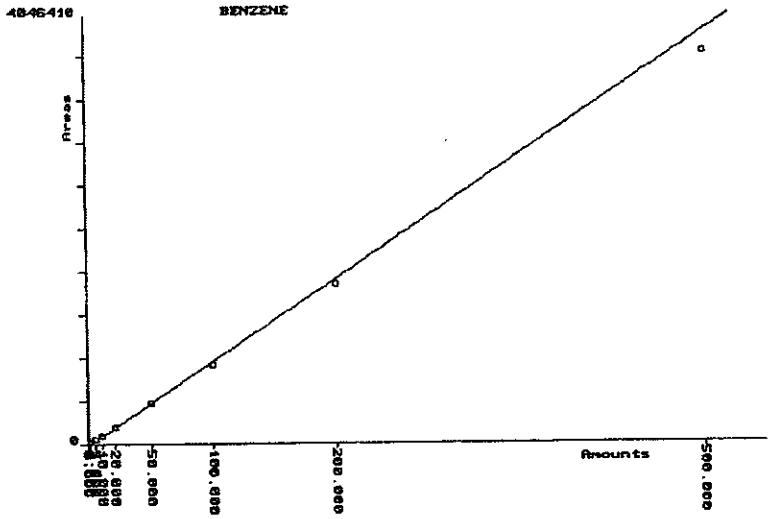
8 **2,2,4-TMP** Ret time= 14.115 min. Search window= 0.090 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	4309	43085.1E-01	Manual	08-23-2008 10:15
2	5.00000	23900	47800.4E-01	Manual	08-23-2008 10:15
3	10.00000	46859	46859.0E-01	Manual	08-23-2008 10:15
4	20.00000	96470	48235.2E-01	Manual	08-23-2008 10:16
5	50.00000	227433	45486.5E-01	01235.10A	08-23-2008 10:13
6	100.00000	408482	40848.2E-01	01235.12A	08-23-2008 10:13
7	200.00000	853494	42674.7E-01	01235.14A	08-23-2008 10:14
8	500.00000	1964951	39299.0E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9796951 Ave error=6.4173%
Area = 00.e00 +44.286e02*X^1
Average CF (EPA method 8000) = 4428.6021 with %RSD = 7.476%

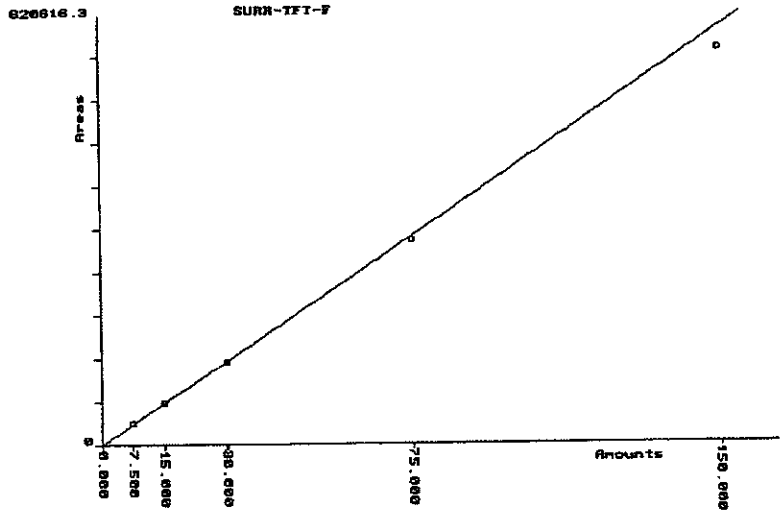
9 **BENZENE** Ret time= 15.116 min. Search window= 0.100 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	8385	83853.4E-01	Manual	08-23-2008 10:15
2	5.00000	40015	80031.0E-01	Manual	08-23-2008 10:15
3	10.00000	76777	76777.0E-01	Manual	08-23-2008 10:15
4	20.00000	158138	79069.0E-01	Manual	08-23-2008 10:16
5	50.00000	381362	76272.4E-01	01235.10A	08-23-2008 10:13
6	100.00000	745212	74521.2E-01	01235.12A	08-23-2008 10:13
7	200.00000	1502393	75119.6E-01	01235.14A	08-23-2008 10:14
8	500.00000	3679317	73586.3E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9964499 Ave error=3.4346%
Area = 00.e00 +77.404e02*X^1
Average CF (EPA method 8000) = 7740.3745 with %RSD = 4.396%

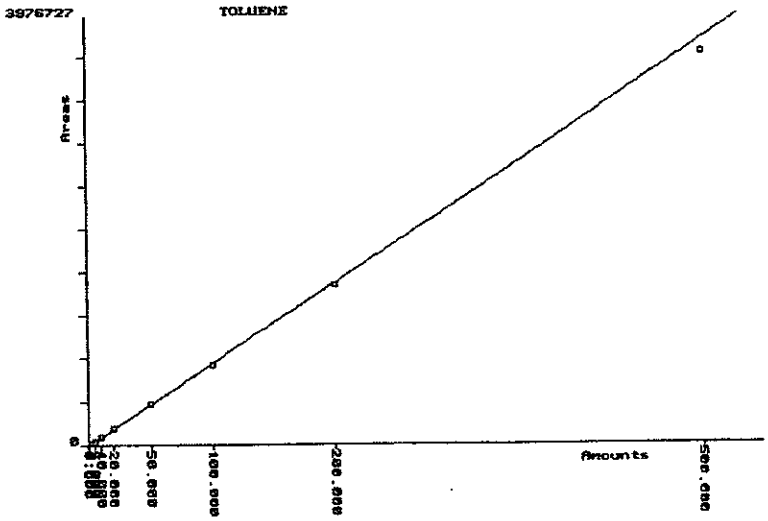
10 **SURR-TFT-F** Ret time= 16.792 min. Search window= 0.150 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	-1.00000	307	-30674.5E-02	Manual	08-23-2008 10:15
2	7.50000	31918	42557.4E-01	Manual	08-23-2008 10:15
3	15.00000	60071	40047.4E-01	Manual	08-23-2008 10:15
4	30.00000	119402	39800.5E-01	Manual	08-23-2008 10:16
5	75.00000	293460	39128.1E-01	01235.10A	08-23-2008 10:13
6	150.00000	567098	37806.6E-01	01235.12A	08-23-2008 10:13

Fit type = Average CF with equal weighting
Coef of determination= .9949635 Ave error=2.8562%
Area = 00.e00 +39.868e02*X^1
Average CF (EPA method 8000) = 3986.7993 with %RSD = 4.357%

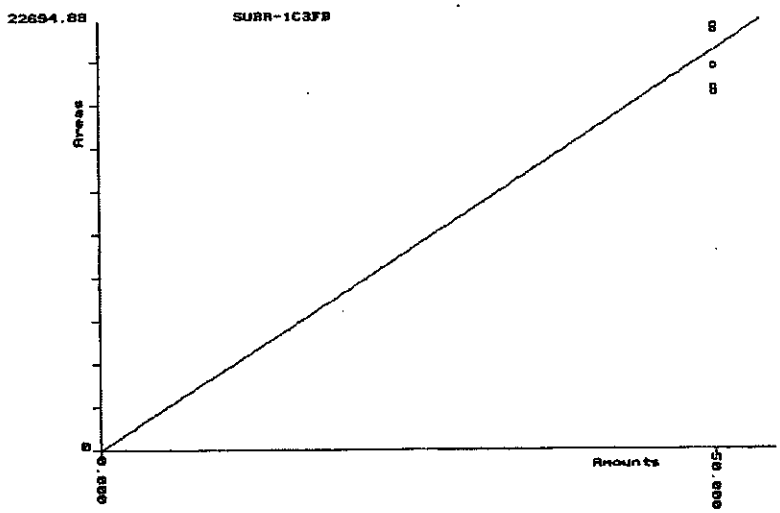
11 **TOLUENE** Ret time= 20.655 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	7682	76824.8E-01	Manual	08-23-2008 10:15
2	5.00000	37949	75898.1E-01	Manual	08-23-2008 10:15
3	10.00000	74184	74183.5E-01	Manual	08-23-2008 10:15
4	20.00000	154044	77022.0E-01	Manual	08-23-2008 10:16
5	50.00000	374260	74852.0E-01	01235.10A	08-23-2008 10:13
6	100.00000	729924	72992.3E-01	01235.12A	08-23-2008 10:13
7	200.00000	1471818	73590.9E-01	01235.14A	08-23-2008 10:14
8	500.00000	3615904	72318.1E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .998589 Ave error=1.9251%
Area = 00.e00 +74.71e02*X^1
Average CF (EPA method 8000) = 7471.0205 with %RSD = 2.343%

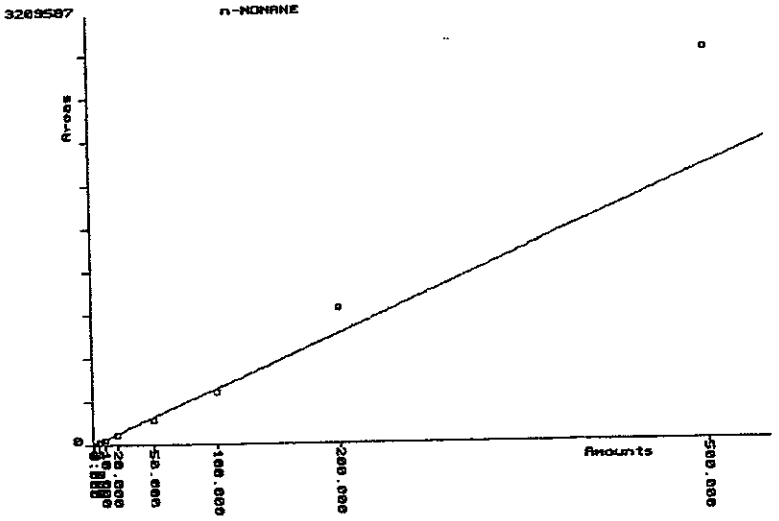
12 **SURR-1C3FB** Ret time= 23.596 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	-1.00000	22382	-22382.0E+00	Manual	08-23-2008 10:15
2	50.00000	20160	40320.0E-02	Manual	08-23-2008 10:15
3	50.00000	22337	44674.5E-02	Manual	08-23-2008 10:15
4	50.00000	22317	44634.4E-02	Manual	08-23-2008 10:16
5	50.00000	22270	44539.9E-02	01235.10A	08-23-2008 10:13
6	50.00000	22084	44168.9E-02	01235.12A	08-23-2008 10:13
7	50.00000	18761	37522.4E-02	01235.14A	08-23-2008 10:14
8	50.00000	19046	38091.8E-02	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= 2.253056E-05 Ave error=6.9814%
Area = 00.e00 +41.993e01*X^1
Average CF (EPA method 8000) = 419.9314 with %RSD = 7.74%

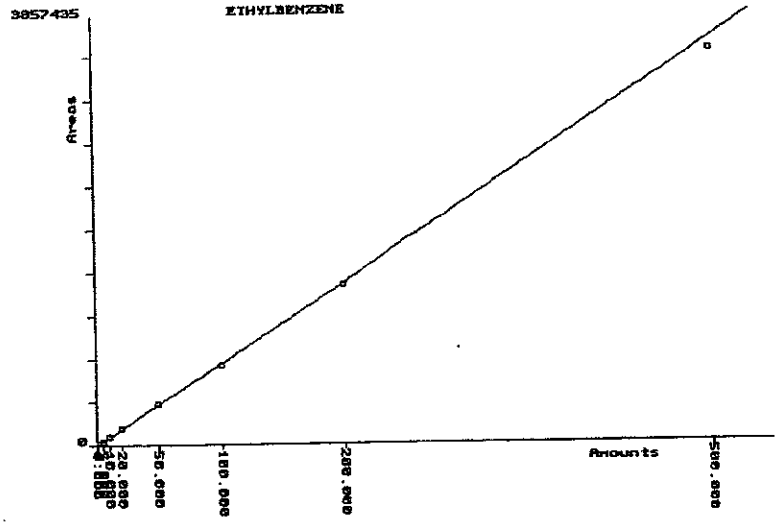
13 **n-NONANE** Ret time= 24.198 min. Search window= 0.040 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	3553	35525.1E-01	Manual	08-23-2008 10:15
2	5.00000	18344	36687.9E-01	Manual	08-23-2008 10:15
3	10.00000	35628	35628.2E-01	Manual	08-23-2008 10:15
4	20.00000	71498	35749.0E-01	Manual	08-23-2008 10:16
5	50.00000	181869	36373.8E-01	01235.10A	08-23-2008 10:13
6	100.00000	385081	38508.1E-01	01235.12A	08-23-2008 10:13
7	200.00000	1013980	50699.0E-01	01235.14A	08-23-2008 10:14
8	500.00000	2918129	58362.6E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .8868704 Ave error=15.5317%
Area = 00.e00 +40.942e02*X^1
Average CF (EPA method 8000) = 4094.1707 with %RSD = 21.215%

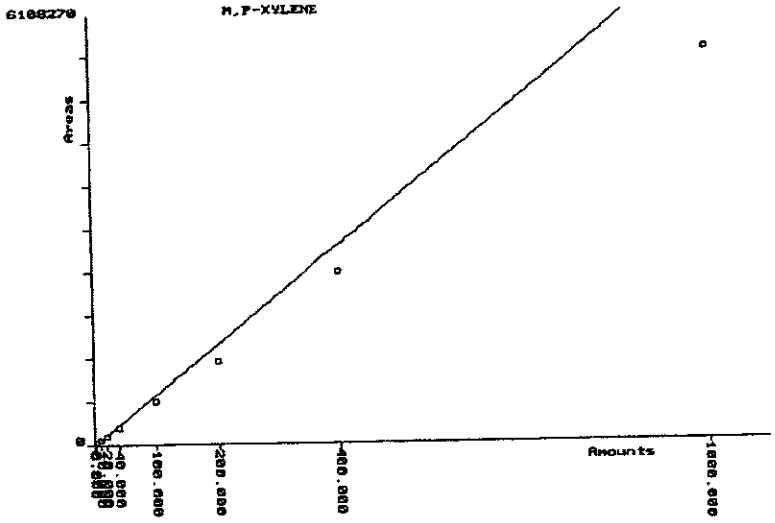
14 **ETHYLBENZENE** Ret time= 24.748 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	7393	73932.8E-01	Manual	08-23-2008 10:15
2	5.00000	36514	73027.7E-01	Manual	08-23-2008 10:15
3	10.00000	71669	71668.8E-01	Manual	08-23-2008 10:15
4	20.00000	149271	74635.7E-01	Manual	08-23-2008 10:16
5	50.00000	362035	72406.9E-01	01235.10A	08-23-2008 10:13
6	100.00000	704781	70478.1E-01	01235.12A	08-23-2008 10:13
7	200.00000	1424442	71222.1E-01	01235.14A	08-23-2008 10:14
8	500.00000	3507432	70148.6E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .998898 Ave error=1.8133%
Area = 00.e00 +72.19e02*X^1
Average CF (EPA method 8000) = 7219.0117 with %RSD = 2.226%

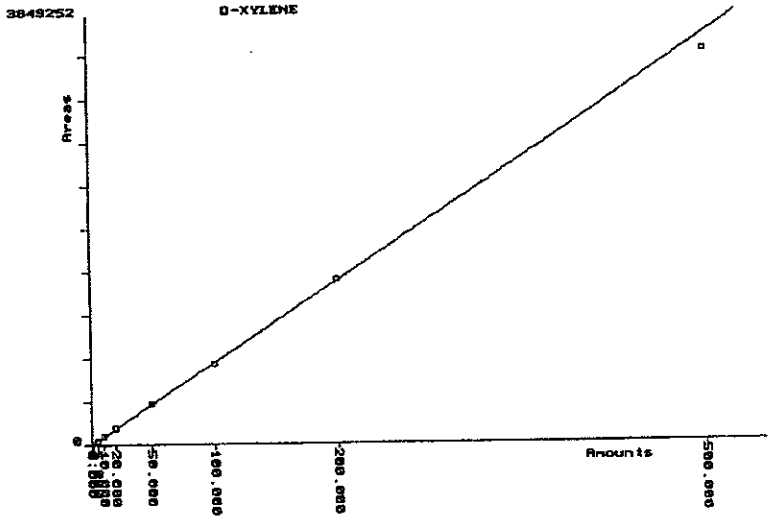
15 **M,P-XYLENE** Ret time= 24.939 min. Search window= 0.050 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 100
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	2.00000	28439	14219.4E+00	Manual	08-23-2008 10:15
2	10.00000	61434	61434.2E-01	Manual	08-23-2008 10:15
3	20.00000	122821	61410.5E-01	Manual	08-23-2008 10:15
4	40.00000	246706	61676.6E-01	Manual	08-23-2008 10:16
5	100.00000	612701	61270.1E-01	01235.10A	08-23-2008 10:13
6	200.00000	1176337	58816.8E-01	01235.12A	08-23-2008 10:13
7	400.00000	2424900	60622.5E-01	01235.14A	08-23-2008 10:14
8	1000.00000	5555558	55555.6E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9054697 Ave error=21.3760%
Area = 00.e00 +70.372e02*X^1
Average CF (EPA method 8000) = 7037.248 with %RSD = 41.342%

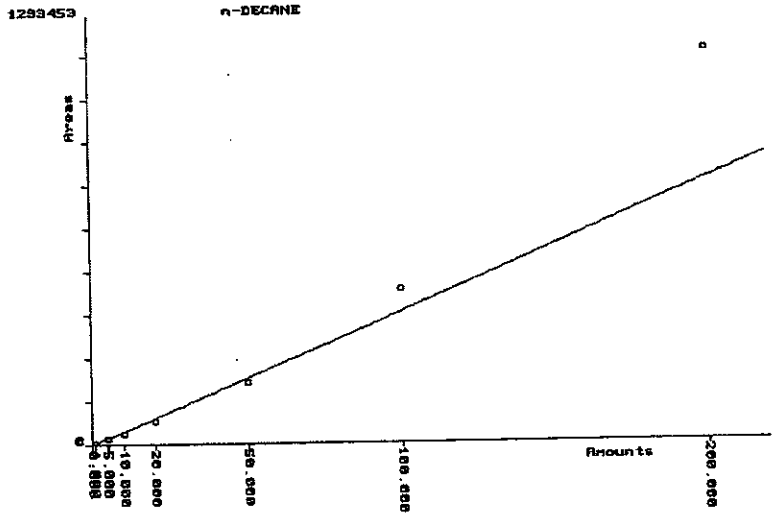
16 **O-XYLENE** Ret time= 26.018 min. Search window= 0.050 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	7625	76254.3E-01	Manual	08-23-2008 10:15
2	5.00000	36405	72810.8E-01	Manual	08-23-2008 10:15
3	10.00000	72881	72880.8E-01	Manual	08-23-2008 10:15
4	20.00000	145595	72797.7E-01	Manual	08-23-2008 10:16
5	50.00000	361683	72336.5E-01	01235.10A	08-23-2008 10:13
6	100.00000	719837	71983.7E-01	01235.12A	08-23-2008 10:13
7	200.00000	1469045	73452.2E-01	01235.14A	08-23-2008 10:14
8	500.00000	3500013	70000.3E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9980167 Ave error=1.4167%
Area = 00.e00 +72.815e02*X^1
Average CF (EPA method 8000) = 7281.4536 with %RSD = 2.383%

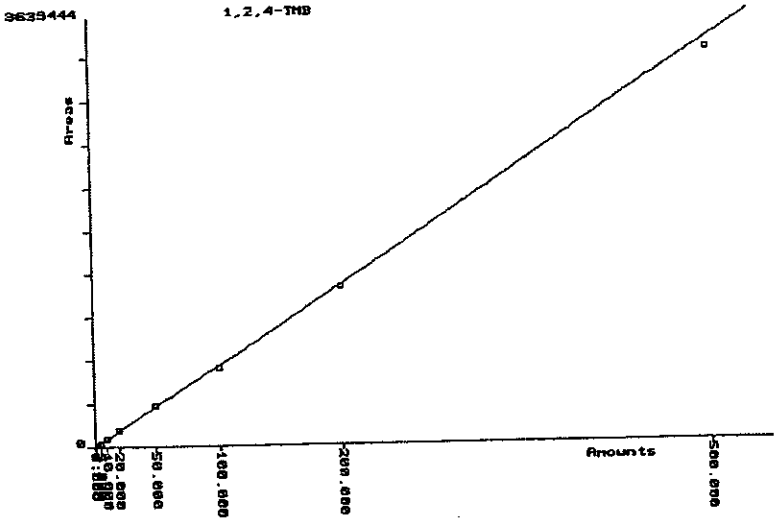
17 **n-DECANE** Ret time= 27.378 min. Search window= 0.150 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	3344	33435.9E-01	Manual	08-23-2008 10:15
2	5.00000	17036	34071.6E-01	Manual	08-23-2008 10:15
3	10.00000	33253	33253.3E-01	Manual	08-23-2008 10:15
4	20.00000	67276	33638.1E-01	Manual	08-23-2008 10:16
5	50.00000	182187	36437.3E-01	01235.10A	08-23-2008 10:13
6	100.00000	462611	46261.1E-01	01235.12A	08-23-2008 10:13
7	200.00000	1176170	58808.5E-01	01235.14A	08-23-2008 10:14
8	-1.00000	0	0.0E+00	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .8583283 Ave error=17.8883%
Area = 00.e00 +39.415e02*X^1
Average CF (EPA method 8000) = 3941.5115 with %RSD = 24.674%

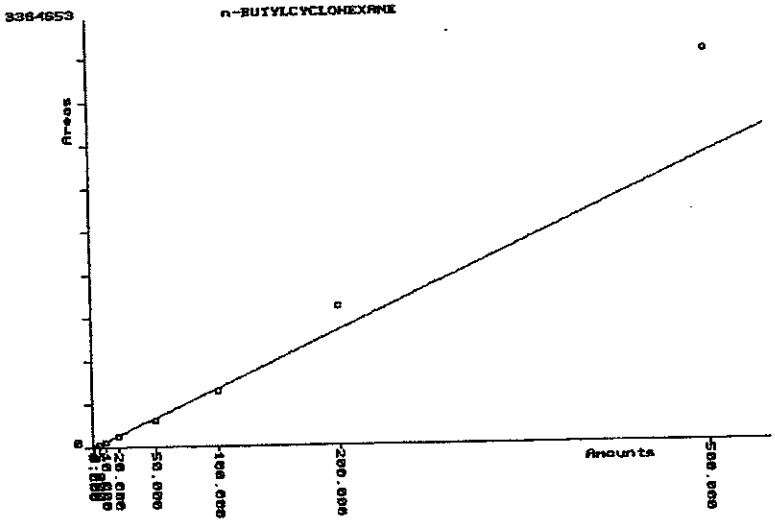
18 **1,2,4-TMB** Ret time= 28.650 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	6976	69764.7E-01	Manual	08-23-2008 10:15
2	5.00000	34202	68404.8E-01	Manual	08-23-2008 10:15
3	10.00000	67115	67114.7E-01	Manual	08-23-2008 10:15
4	20.00000	139827	69913.4E-01	Manual	08-23-2008 10:16
5	50.00000	339735	67946.9E-01	01235.10A	08-23-2008 10:13
6	100.00000	663136	66313.5E-01	01235.12A	08-23-2008 10:13
7	200.00000	1341931	67096.6E-01	01235.14A	08-23-2008 10:14
8	500.00000	3309220	66184.4E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9991817 Ave error=1.7125%
Area = 00.e00 +67.842e02*X^1
Average CF (EPA method 8000) = 6784.2393 with %RSD = 2.12%

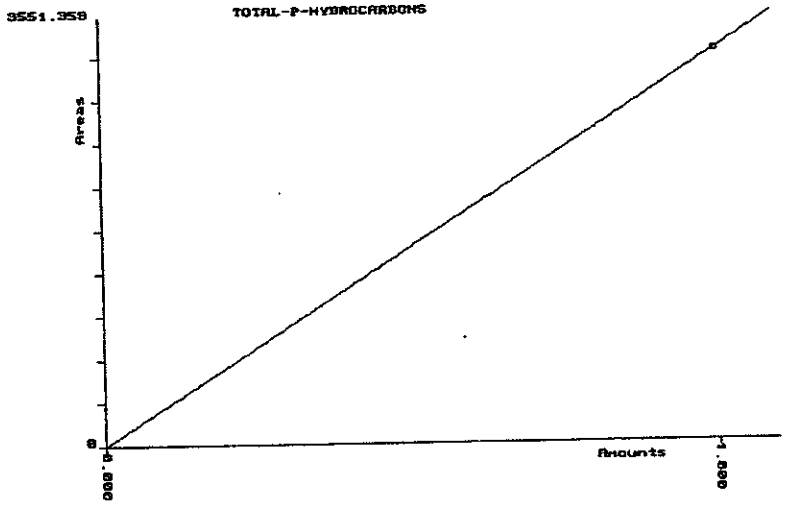
19 **n-BUTYLCYCLOHEXANE** Ret time= 28.817 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	4107	41067.4E-01	Manual	08-23-2008 10:15
2	5.00000	20359	40718.2E-01	Manual	08-23-2008 10:15
3	10.00000	39650	39649.8E-01	Manual	08-23-2008 10:15
4	20.00000	81118	40559.0E-01	Manual	08-23-2008 10:16
5	50.00000	202413	40482.6E-01	01235.10A	08-23-2008 10:13
6	100.00000	426682	42668.2E-01	01235.12A	08-23-2008 10:13
7	200.00000	1083764	54188.2E-01	01235.14A	08-23-2008 10:14
8	500.00000	3059149	61183.0E-01	Manual	08-23-2008 10:20

Fit type = Average CF with equal weighting
Coef of determination= .9116498 Ave error=13.1611%
Area = 00.e00 +45.065e02*X^1
Average CF (EPA method 8000) = 4506.4556 with %RSD = 17.876%

20 **TOTAL-P-HYDROCARBONS** Ret time= 34.990 min. Search window= 0.010 min.
No reference peak for this compound.
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	3229	32285.1E-01	Manual	08-23-2008 10:15

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Area = 00.e00 +32.285e02*X^1
Average CF (EPA method 8000) = 3228.5083 with %RSD = 0.0%

Method file C:\CP\DATA1\01235MAB.MET version # 2
MASS/PID
Creator = 290
Method date = 08-22-08 time = 08:55:27

ACQUISITION PARAMETERS
Samples per second = 1
Run time in minutes = 35
Keep binary area files.
Don't keep ASCII area files
Don't keep HP data files.
Voltage range for PE-Nelson boxes = 10
Autozero the real time plot
High scale for real time plot = 250
Single channel data acquisition from channel B
Do not bind method and calibration to raw data file
Do not make raw data file read only.

INTEGRATION PARAMETERS
Peak detect threshold = 1
Peak width = .05 minutes

PLOTTING PARAMETERS
Start plot at 0 minutes Stop plot at 35 minutes
Low scale = 0 mv. High scale = 100 mv.
Auto zero the plot.
Number of plot panels = 1
Plot width = 7 inches Plot height = 9.25 inches
Left margin = .5 inches
Do not page before the plot.
Page after the plot.
Include baselines in plot.
Omit peak names from plot.
Include timed event labels on plot.

REPORT PARAMETERS
Print custom format report with format file C:\CP\DATA1\MAPID.FMT
Do not print fixed format report.

Calibration file = C:\CP\DATA1\01235MAP.CAL
Run user program after each analysis.
Program #1 = ISTDTRK
Program #2 = UPLDFILE

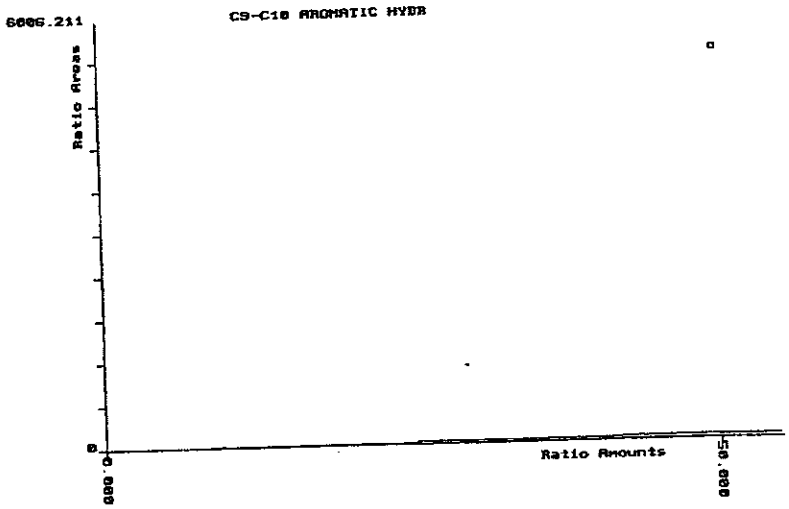
TIMED EVENTS

#	Time	Description
1	32.100	SBN Set Baseline Now
2	33.417	INT- Turn off integration
3	39.583	SBN Set Baseline Now

Todays date = 08-25-2008 time = 07:32:48

Cal file = C:\CP\DATA1\01235MAP.CAL Version number = 10
Cal file date = 08-23-2008 01:25:20
Internal standard calibration.
Default injection volume = 0 Area reject = 0
Reference peak area reject = 0 Sample units = UG/L
Default component for unknowns = SURR-TFT-P

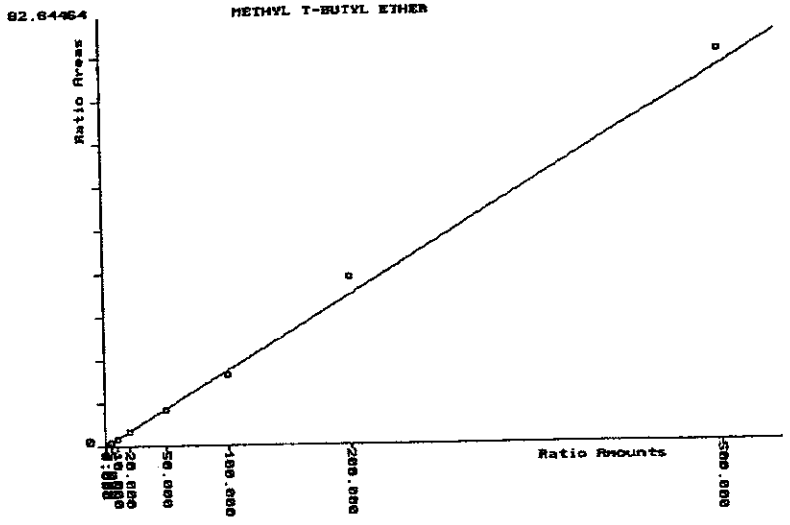
1 **C9-C10 AROMATIC HYDR** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=TOLUENE at 20.65142 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT	AREA	RATIO AMT	RATIO	AREA	Source	Date Updated
1	50.00000	5460	1.0000		1	50.0000	5460.1919		01235B.06A	08-22-2008 17:45

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Ratio Area = 00.e00 +10.e-01*X^1
Average CF (EPA method 8000) = 109.2038 with %RSD = 0.0%

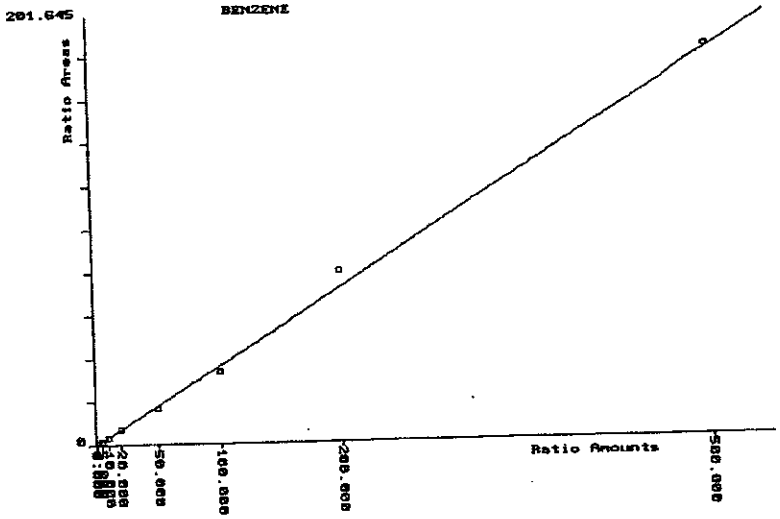
2 **METHYL T-BUTYL ETHER** Ret time= 10.012 min. Search window= 0.050 min.
Reference peak=SURR-TFT-P at 16.85219 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	4106	1.0000	27985	1.0000	0.1467	01235B.06A	08-22-2008 17:45
2	5.00000	18936	1.0000	25914	5.0000	0.7307	01235B.07A	08-22-2008 18:27
3	10.00000	38071	1.0000	28502	10.0000	1.3357	01235B.08A	08-22-2008 19:08
4	20.00000	78622	1.0000	27939	20.0000	2.8140	01235B.09A	08-22-2008 19:50
5	50.00000	188687	1.0000	27658	50.0000	6.8221	01235B.10A	08-22-2008 20:32
6	100.00000	365037	1.0000	26795	100.0000	13.6233	01235B.12A	08-22-2008 21:56
7	200.00000	706745	1.0000	21988	200.0000	32.1425	01235B.14A	08-22-2008 23:20
8	500.00000	1628710	1.0000	21674	500.0000	75.1448	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9952407 Ave error=4.9074%
Ratio Area = 00.e00 +14.385e-02*X^1
Average CF (EPA method 8000) = 0.1439 with %RSD = 6.261%

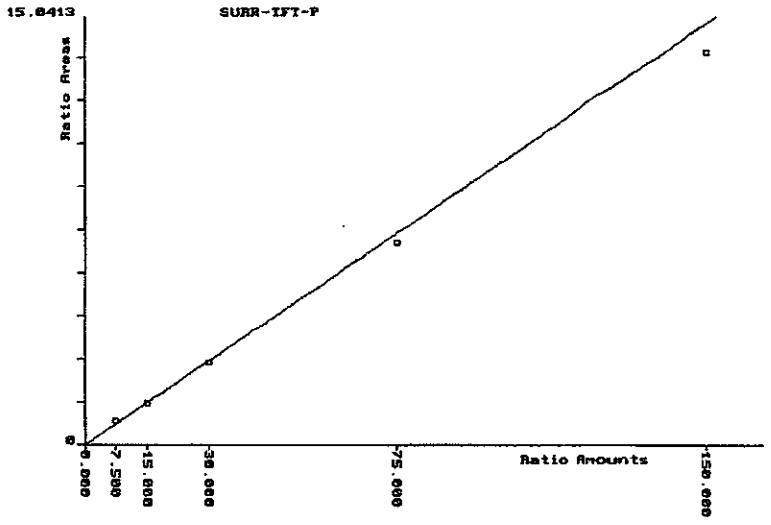
3 **BENZENE** Ret time= 15.109 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	10610 *	1.0000	27985	1.0000	0.3791	01235B.06A	08-22-2008 17:45
2	5.00000	49848 *	1.0000	25914	5.0000	1.9236	01235B.07A	08-22-2008 18:27
3	10.00000	96704 *	1.0000	28502	10.0000	3.3929	01235B.08A	08-22-2008 19:08
4	20.00000	196948 *	1.0000	27939	20.0000	7.0492	01235B.09A	08-22-2008 19:50
5	50.00000	471394 *	1.0000	27658	50.0000	17.0436	01235B.10A	08-22-2008 20:32
6	100.00000	904161 *	1.0000	26795	100.0000	33.7435	01235B.12A	08-22-2008 21:56
7	200.00000	1769010 *	1.0000	21988	200.0000	80.4538	01235B.14A	08-22-2008 23:20
8	500.00000	3973936 *	1.0000	21674	500.0000	183.3481	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9973896 Ave error=5.5875%
Ratio Area = 00.e00 +36.286e-02*X^1
Average CF (EPA method 8000) = 0.3629 with %RSD = 6.673%

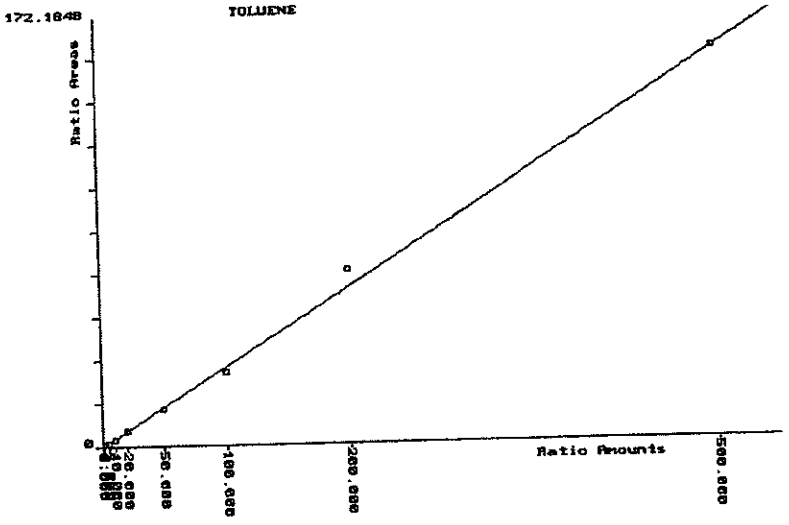
4 **SURR-TFT-P** Ret time= 16.852 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	-1.00000	217	1.0000	27985	-1.0000	0.0078	01235B.06A	08-22-2008 17:45
2	7.50000	22003	1.0000	25914	7.5000	0.8491	01235B.07A	08-22-2008 18:27
3	15.00000	41492	1.0000	28502	15.0000	1.4558	01235B.08A	08-22-2008 19:08
4	30.00000	80776	1.0000	27939	30.0000	2.8911	01235B.09A	08-22-2008 19:50
5	75.00000	195469	1.0000	27658	75.0000	7.0673	01235B.10A	08-22-2008 20:32
6	150.00000	368462	1.0000	26795	150.0000	13.7511	01235B.12A	08-22-2008 21:56

Fit type = Average CF with equal weighting
Coef of determination= .9898143 Ave error=5.7393%
Ratio Area = 00.e00 +98.507e-03*X^1
Average CF (EPA method 8000) = 0.0985 with %RSD = 8.611%

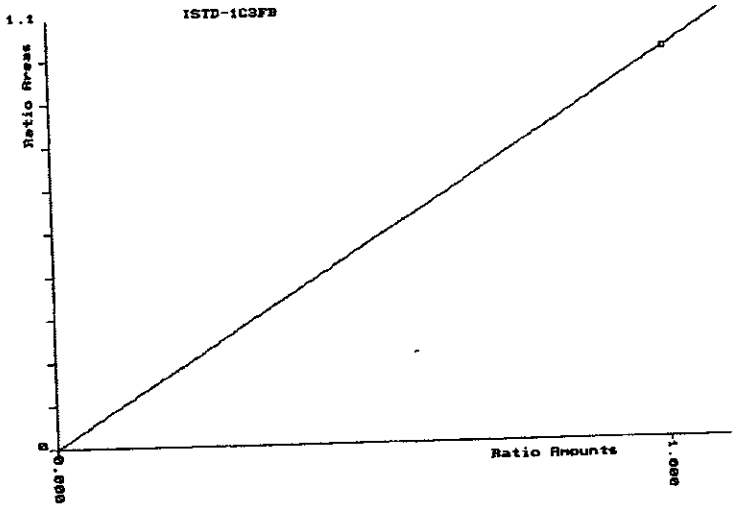
5 **TOLUENE** Ret time= 20.651 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	8821	1.0000	27985	1.0000	0.3152	01235B.06A	08-22-2008 17:45
2	5.00000	42440	1.0000	25914	5.0000	1.6377	01235B.07A	08-22-2008 18:27
3	10.00000	83920	1.0000	28502	10.0000	2.9444	01235B.08A	08-22-2008 19:08
4	20.00000	172312	1.0000	27939	20.0000	6.1674	01235B.09A	08-22-2008 19:50
5	50.00000	412675	1.0000	27658	50.0000	14.9205	01235B.10A	08-22-2008 20:32
6	100.00000	788106	1.0000	26795	100.0000	29.4123	01235B.12A	08-22-2008 21:56
7	200.00000	1529819	1.0000	21988	200.0000	69.5755	01235B.14A	08-22-2008 23:20
8	500.00000	3393330	1.0000	21674	500.0000	156.5603	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9973571 Ave error=4.2805%
Ratio Area = 00.e00 +31.238e-02*X^1
Average CF (EPA method 8000) = 0.3124 with %RSD = 5.884%

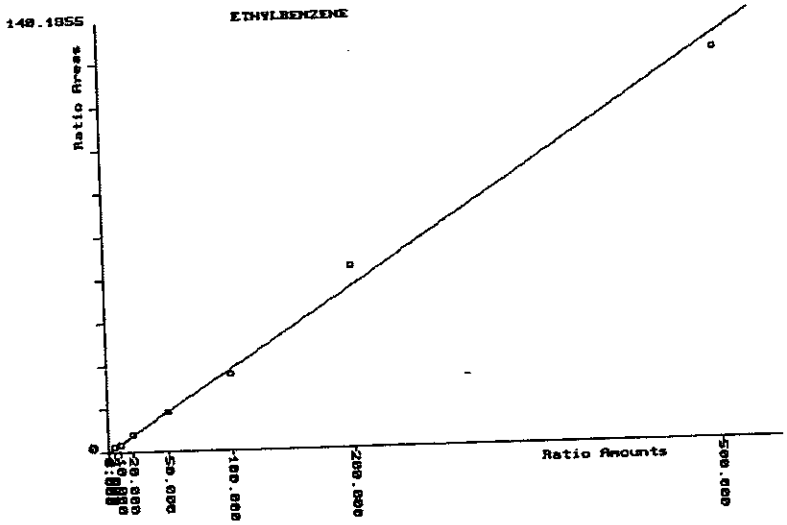
6 **ISTD-1C3FB** Ret time= 23.585 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 1
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	27985	1.0000	27985	1.0000	1.0000	01235B.06A	08-22-2008 17:45
2	1.00000	25914	1.0000	25914	1.0000	1.0000	01235B.07A	08-22-2008 18:27
3	1.00000	28502	1.0000	28502	1.0000	1.0000	01235B.08A	08-22-2008 19:08
4	1.00000	27939	1.0000	27939	1.0000	1.0000	01235B.09A	08-22-2008 19:50
5	1.00000	27658	1.0000	27658	1.0000	1.0000	01235B.10A	08-22-2008 20:32
6	1.00000	26795	1.0000	26795	1.0000	1.0000	01235B.12A	08-22-2008 21:56
7	1.00000	21988	1.0000	21988	1.0000	1.0000	01235B.14A	08-22-2008 23:20
8	1.00000	21674	1.0000	21674	1.0000	1.0000	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= 0 Ave error=.0000%
Ratio Area = 00.e00 +10.e-01*X^1
Average CF (EPA method 8000) = 1.0 with %RSD = 0.0%

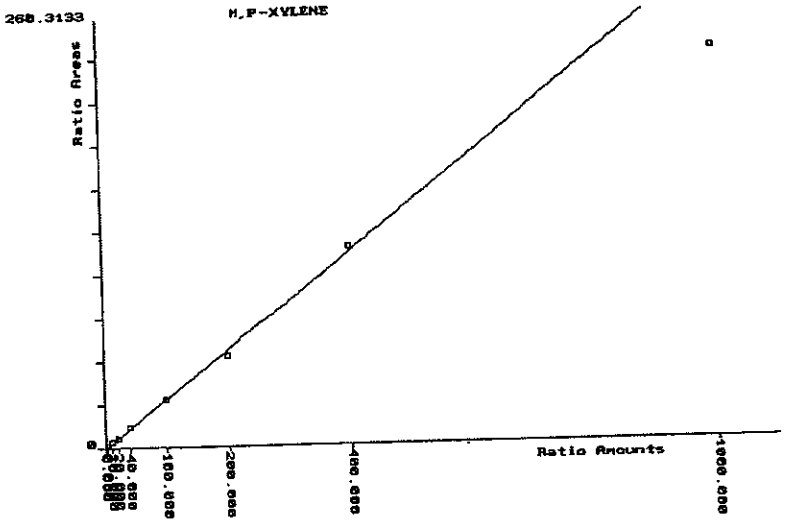
7 **ETHYLBENZENE** Ret time= 24.746 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	7300 *	1.0000	27985	1.0000	0.2609	01235B.06A	08-22-2008 17:45
2	5.00000	36509 *	1.0000	25914	5.0000	1.4088	01235B.07A	08-22-2008 18:27
3	10.00000	71416 *	1.0000	28502	10.0000	2.5057	01235B.08A	08-22-2008 19:08
4	20.00000	147569 *	1.0000	27939	20.0000	5.2818	01235B.09A	08-22-2008 19:50
5	50.00000	351687 *	1.0000	27658	50.0000	12.7155	01235B.10A	08-22-2008 20:32
6	100.00000	670442 *	1.0000	26795	100.0000	25.0211	01235B.12A	08-22-2008 21:56
7	200.00000	1302479 *	1.0000	21988	200.0000	59.2362	01235B.14A	08-22-2008 23:20
8	500.00000	2762910 *	1.0000	21674	500.0000	127.4742	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9953184 Ave error=4.5957%
Ratio Area = 00.e00 +26.412e-02*X^1
Average CF (EPA method 8000) = 0.2641 with %RSD = 6.25%

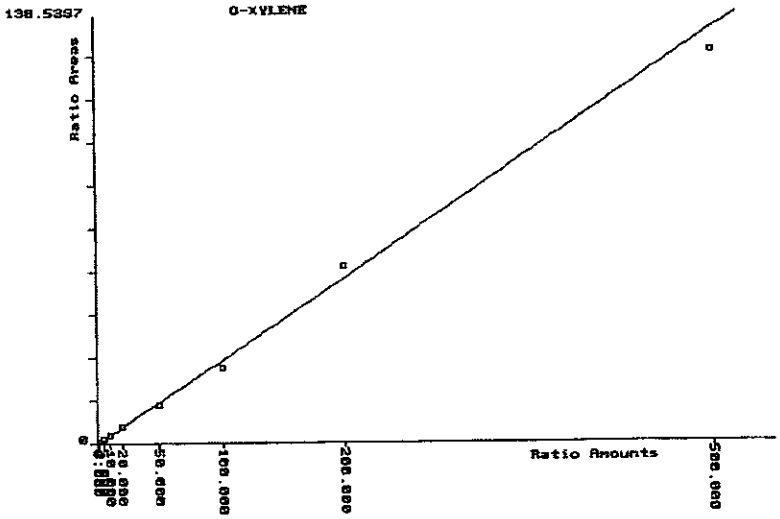
8 **M,P-XYLENE** Ret time= 24.946 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 100
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	2.00000	17484	1.0000	27985	2.0000	0.6248	01235B.06A	08-22-2008 17:45
2	10.00000	84714	1.0000	25914	10.0000	3.2690	01235B.07A	08-22-2008 18:27
3	20.00000	165847	1.0000	28502	20.0000	5.8189	01235B.08A	08-22-2008 19:08
4	40.00000	338948	1.0000	27939	40.0000	12.1316	01235B.09A	08-22-2008 19:50
5	100.00000	795703	1.0000	27658	100.0000	28.7692	01235B.10A	08-22-2008 20:32
6	200.00000	1474244	1.0000	26795	200.0000	55.0192	01235B.12A	08-22-2008 21:56
7	400.00000	2622934	1.0000	21988	400.0000	119.2899	01235B.14A	08-22-2008 23:20
8	1000.00000	5130415	1.0000	21674	1000.0000	236.7053	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9368445 Ave error=6.7832%
Ratio Area = 00.e00 +29.14e-02*X^1
Average CF (EPA method 8000) = 0.2914 with %RSD = 9.317%

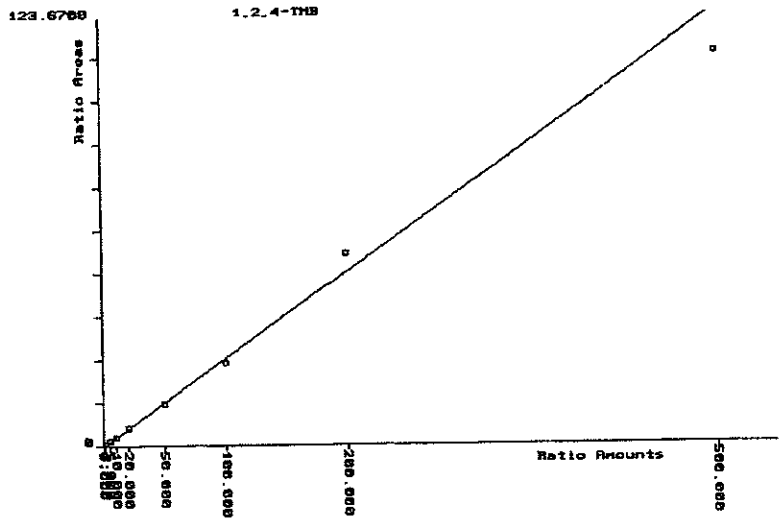
9 **O-XYLENE** Ret time= 26.012 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	8305	1.0000	27985	1.0000	0.2968	01235B.06A	08-22-2008 17:45
2	5.00000	37320	1.0000	25914	5.0000	1.4401	01235B.07A	08-22-2008 18:27
3	10.00000	71829	1.0000	28502	10.0000	2.5202	01235B.08A	08-22-2008 19:08
4	20.00000	146334	1.0000	27939	20.0000	5.2376	01235B.09A	08-22-2008 19:50
5	50.00000	342894	1.0000	27658	50.0000	12.3975	01235B.10A	08-22-2008 20:32
6	100.00000	649928	1.0000	26795	100.0000	24.2555	01235B.12A	08-22-2008 21:56
7	200.00000	1255802	1.0000	21988	200.0000	57.1133	01235B.14A	08-22-2008 23:20
8	500.00000	2730355	1.0000	21674	500.0000	125.9721	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9947459 Ave error=6.7949%
Ratio Area = 00.e00 +26.584e-02*X^1
Average CF (EPA method 8000) = 0.2658 with %RSD = 7.916%

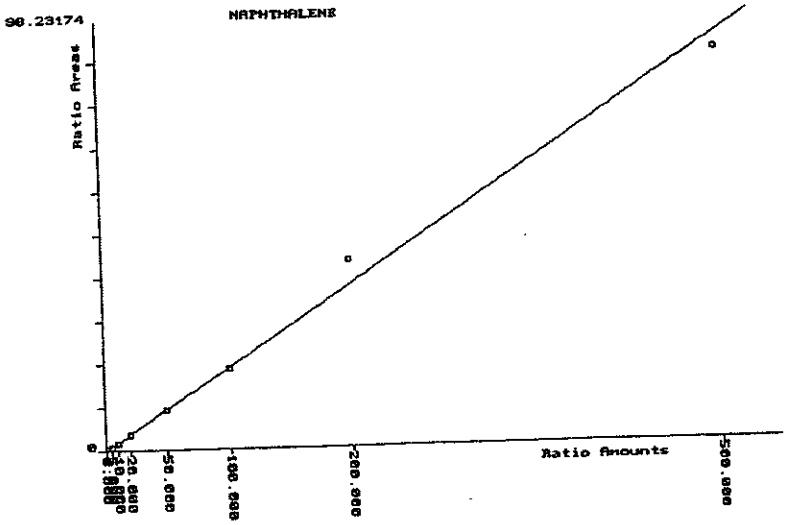
10 **1,2,4-TMB** Ret time= 28.645 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	7192 *	1.0000	27985	1.0000	0.2570	01235B.06A	08-22-2008 17:45
2	5.00000	34824 *	1.0000	25914	5.0000	1.3438	01235B.07A	08-22-2008 18:27
3	10.00000	68601 *	1.0000	28502	10.0000	2.4069	01235B.08A	08-22-2008 19:08
4	20.00000	140626 *	1.0000	27939	20.0000	5.0333	01235B.09A	08-22-2008 19:50
5	50.00000	333746 *	1.0000	27658	50.0000	12.0668	01235B.10A	08-22-2008 20:32
6	100.00000	634462 *	1.0000	26795	100.0000	23.6783	01235B.12A	08-22-2008 21:56
7	200.00000	1214238 *	1.0000	21988	200.0000	55.2230	01235B.14A	08-22-2008 23:20
8	500.00000	2437302 *	1.0000	21674	500.0000	112.4514	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9830413 Ave error=5.4943%
Ratio Area = 00.e00 +24.965e-02*X^1
Average CF (EPA method 8000) = 0.2497 with %RSD = 6.856%

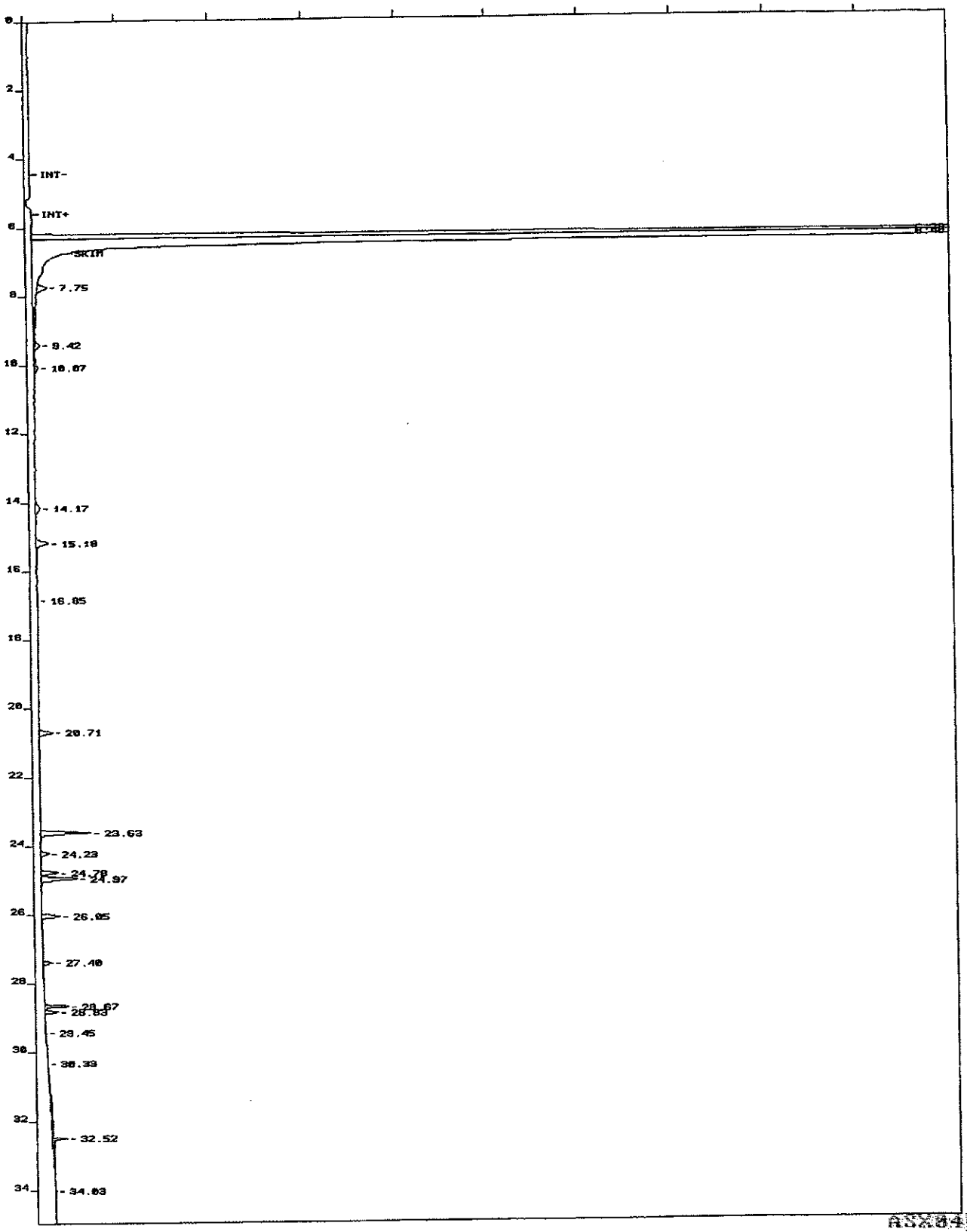
11 **NAPHTHALENE** Ret time= 32.492 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



LEVEL	AMOUNT	AREA	INT AMT	INT AREA	RATIO AMT	RATIO AREA	Source	Date Updated
1	1.00000	5310	1.0000	27985	1.0000	0.1898	01235B.06A	08-22-2008 17:45
2	5.00000	24120	1.0000	25914	5.0000	0.9308	01235B.07A	08-22-2008 18:27
3	10.00000	48681	1.0000	28502	10.0000	1.7080	01235B.08A	08-22-2008 19:08
4	20.00000	101127	1.0000	27939	20.0000	3.6195	01235B.09A	08-22-2008 19:50
5	50.00000	250281	1.0000	27658	50.0000	9.0491	01235B.10A	08-22-2008 20:32
6	100.00000	488313	1.0000	26795	100.0000	18.2240	01235B.12A	08-22-2008 21:56
7	200.00000	939505	1.0000	21988	200.0000	42.7283	01235B.14A	08-22-2008 23:20
8	500.00000	1935921	1.0000	21674	500.0000	89.3188	01235B.17A	08-23-2008 01:25

Fit type = Average CF with equal weighting
Coef of determination= .9936007 Ave error=4.3593%
Ratio Area = 00.e00 +18.54e-02*X^1
Average CF (EPA method 8000) = 0.1854 with %RSD = 6.838%

File=C:\CP\DATA1\01235.06R Date printed=08-23-2008 Time= 10:12:18
Sample Name=CALSTD1 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.834 High Y=76.834 mv Span=75.0



ASX04[illegible]0515

Sample Name: **CALSTD1**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 17:44:45
Cycle: 6
Analyst: 290
Raw File: C:\CP\DATA1\01235.06R
Area File: C:\CP\DATA1\01235.06A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 14)
Last calibration update: 08/23/:8 10:03:02

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.293	6.293		6538.135	713989	136954
6.398	6.398		12653.719	1381835	167779
7.746	7.746	n-PENTANE	1.502	6803	801
9.424	9.424	2-METHYLPENTANE	0.800	4107	426
10.071	10.071	METHYL T-BUTYL ETH	1.360	5115	304
14.167	14.167	2,2,4-TMP	0.973	4309	322
15.178	15.178	BENZENE	1.083	8385	1010
16.853	16.853	SURR-TFT-F	0.077	307	30
20.706	20.706	TOLUENE	1.028	7682	1173
23.632	23.632	SURR-1C3FB	53.299	22382	4239
24.228	24.228	n-NONANE	0.868	3553	676
24.779	24.779	ETHYLBENZENE	1.024	7393	1461
24.969	24.969		136.733	14932	2965
26.047	26.047		72.191	7884	1562
27.398	27.398	n-DECANE	0.793	3344	830
28.668	28.668	1,2,4-TMB	1.028	6976	2064
28.834	28.834	n-BUTYLCYCLOHEXANE	0.911	4107	1115
29.452	29.452		6.525	713	54
30.330	30.330		7.193	785	51
32.519	32.519		156.292	17068	1290
34.030	34.030		10.243	1119	107

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	60.12206	0.30603%	590.8941E+02	2.6583%
2	24.16	32.45	227.26613	1.15682%	496.8593E+02	2.2353%

Total slice amount = 287.3882 Total slice area = 108775.3
Total slice amount% = 1.462849 Total slice area% = 4.893651

Surrogate Recoveries

Surrogate 1C3FB: 106.6%
Surrogate TFT: 0.2%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: [signature] Date: 8/25/08

Verified by: [signature] Date: 8/25/08

Sample Name: **CALSTD1** **08235A01**
Date Acquired: Aug 22, 2008 17:44:45

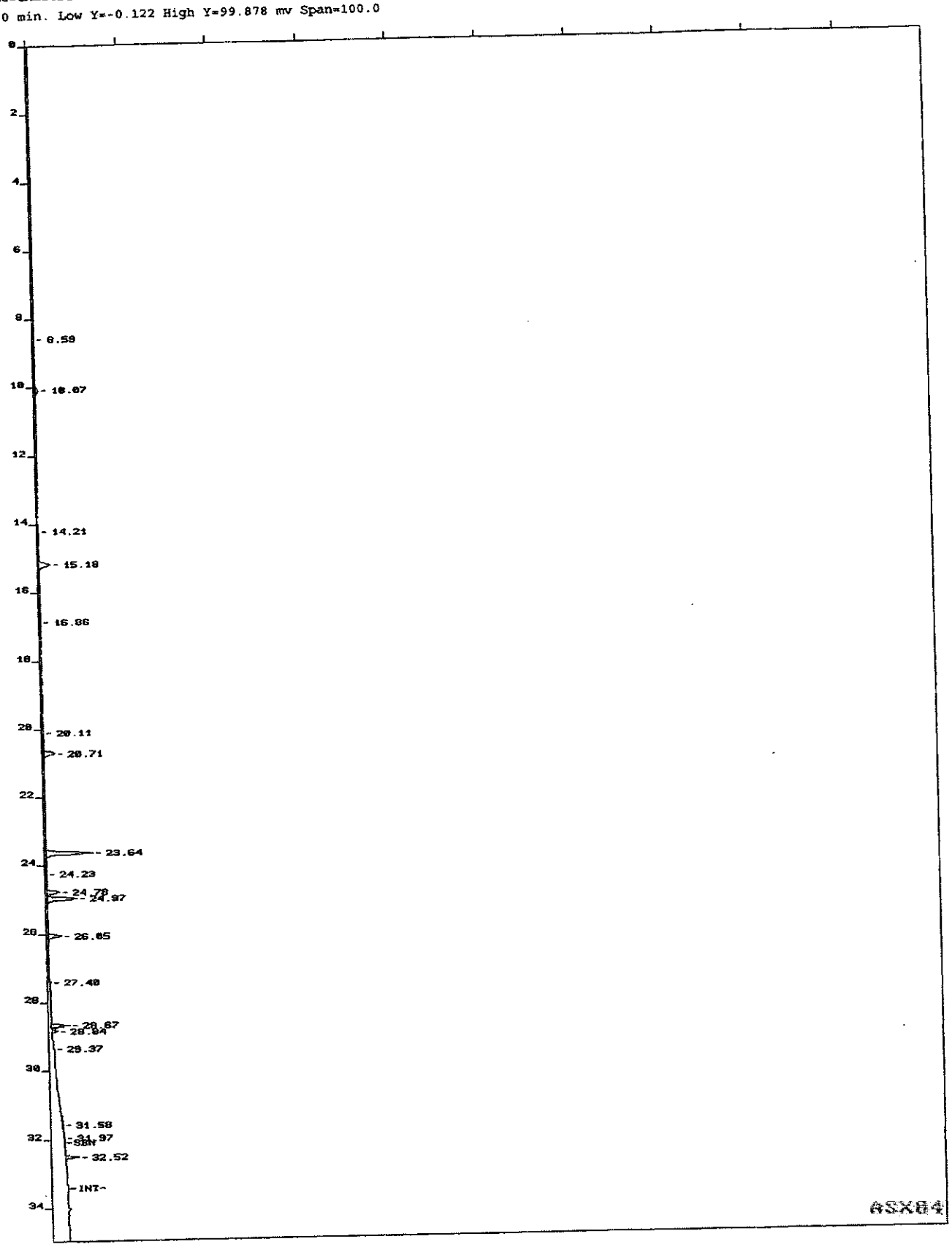
ASX84 8516

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 14
Updated from file = C:\CP\DATA1\01235.06A
Amount injected = 1
Standard amount injected = 0
Calibration level = 1 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:12:32

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP	5460	Not found	No change	0.000	Not found	No change			
ADJUSTED C5-C8 ALIPH	5460	Not found	No change	0.000	Not found	No change			
UNADJUSTED C9-C12 AL	5460	Not found	No change	0.000	Not found	No change			
UNADJUSTED C5-C8 ALI	5460	Not found	No change	0.000	Not found	No change			
n-PENTANE	0	6803	6803	7.704	7.746	7.746	4530.21	5.68%	4.044%
2-METHYLPENTANE	6178	4107	4107	9.377	9.424	9.424	4874.97	8.55%	6.663%
METHYL T-BUTYL ETHER	5621	5115	5115	10.010	10.071	10.071	3761.11	8.26%	6.602%
2,2,4-TMP	4309	4309	4309	14.118	14.167	14.167	4428.60	7.48%	6.417%
BENZENE	8385	8385	8385	15.110	15.178	15.178	7740.37	4.40%	3.435%
SURR-TFT-F	307	307	307	16.849	16.853	16.853	3986.80	4.36%	2.856%
TOLUENE	7682	7682	7682	20.650	20.706	20.706	7471.02	2.34%	1.925%
SURR-1C3FB	22382	22382	22382	23.582	23.632	23.632	419.93	7.74%	6.981%
n-NONANE	3553	3553	3553	24.199	24.228	24.228	4094.17	21.22%	15.532%
ETHYLBENZENE	7393	7393	7393	24.744	24.779	24.779	7219.01	2.23%	1.813%
M,P-XYLENE	28439	Not found	No change	24.850	Not found	No change			
O-XYLENE	7625	Not found	No change	26.690	Not found	No change			
n-DECANE	3344	3344	3344	27.374	27.398	27.398	4217.50	28.26%	23.301%
1,2,4-TMB	6976	6976	6976	28.642	28.668	28.668	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	4107	4107	4107	28.811	28.834	28.834	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS	3229	Not found	No change	34.990	Not found	No change			

File=C:\CP\DATA1\01235B.06R Date printed=08-22-2008 Time= 17:45:07
Sample Name=CALSTD1 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.122 High Y=99.878 mv Span=100.0



ASX84 0518

Sample Name: **CALSTD1**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 17:44:45
Cycle: 6
Analyst: 290
Raw File: C:\CP\DATA1\01235B.06R
Area File: C:\CP\DATA1\01235B.06A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 2)
Last calibration update: 08/22/:8 08:54:40

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.071	10.058	METHYL T-BUTYL ETHER	0.4056	4106	309
15.183	15.170	BENZENE	0.4163	10610	1247
16.861	16.846	SURR-TFT-P	0.0326	217	27
20.710	20.704	TOLUENE	0.4007	8821	1286
23.636	23.636	ISTD-1C3FB	1.0000	27985	5269
24.783	24.784	ETHYLBENZENE	0.3919	7300	1435
24.972	24.975	M,P-XYLENE	0.8449	17484	3375
26.051	26.052	O-XYLENE	0.4414	8305	1527
28.671	28.674	1,2,4-TMB	0.4052	7192	2044
32.521	32.526	NAPHTHALENE	0.3942	5310	1573

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	1.59866	29.20954%	151.2866E+02	18.6960%

Total slice amount = 1.598655 Total slice area = 15128.66
Total slice amount% = 29.20954 Total slice area% = 18.69596

XYLENES (TOTAL) = 1.2863 ug/L

Surrogate Recoveries

Surrogate TFT: 0.07%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD1** **08235A01**
Date Acquired: Aug 22, 2008 17:44:45

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 2
Updated from file = C:\CP\DATA1\01235B.06A
Amount injected = 1
Standard amount injected = 0
Calibration level = 1 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 17:45:21

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR	5460	Not found	No change	0.000	Not found	No change			
METHYL T-BUTYL ETHER	3848	4106	4106	10.058	10.071	10.071	0.33	34.00%	36.634%
BENZENE	10413	10610	10610	15.170	15.183	15.183	0.81	33.88%	36.051%
SURR-TFT-P	325	217	217	16.846	16.861	16.861	0.24	28.44%	26.831%
TOLUENE	8846	8821	8821	20.704	20.710	20.710	0.70	34.54%	37.129%
ISTD-1C3FB	8899	27985	27985	23.636	23.636	23.636	1.00	[illegible]	[illegible]
ETHYLBENZENE	7478	7300	7300	24.784	24.783	24.783	0.59	35.49%	38.677%

4,P-XYLENE	18067	17484	17484	24.975	24.972	24.972	0.65	35.65%	37.892%
O-XYLENE	8546	8305	8305	26.052	26.051	26.051	0.59	32.64%	34.008%
1,2,4-TMB	7607	7192	7192	28.674	28.671	28.671	0.56	35.39%	38.149%
NAPHTHALENE	5993	5310	5310	32.526	32.521	32.521	0.42	35.78%	37.916%

ASX84: 0520

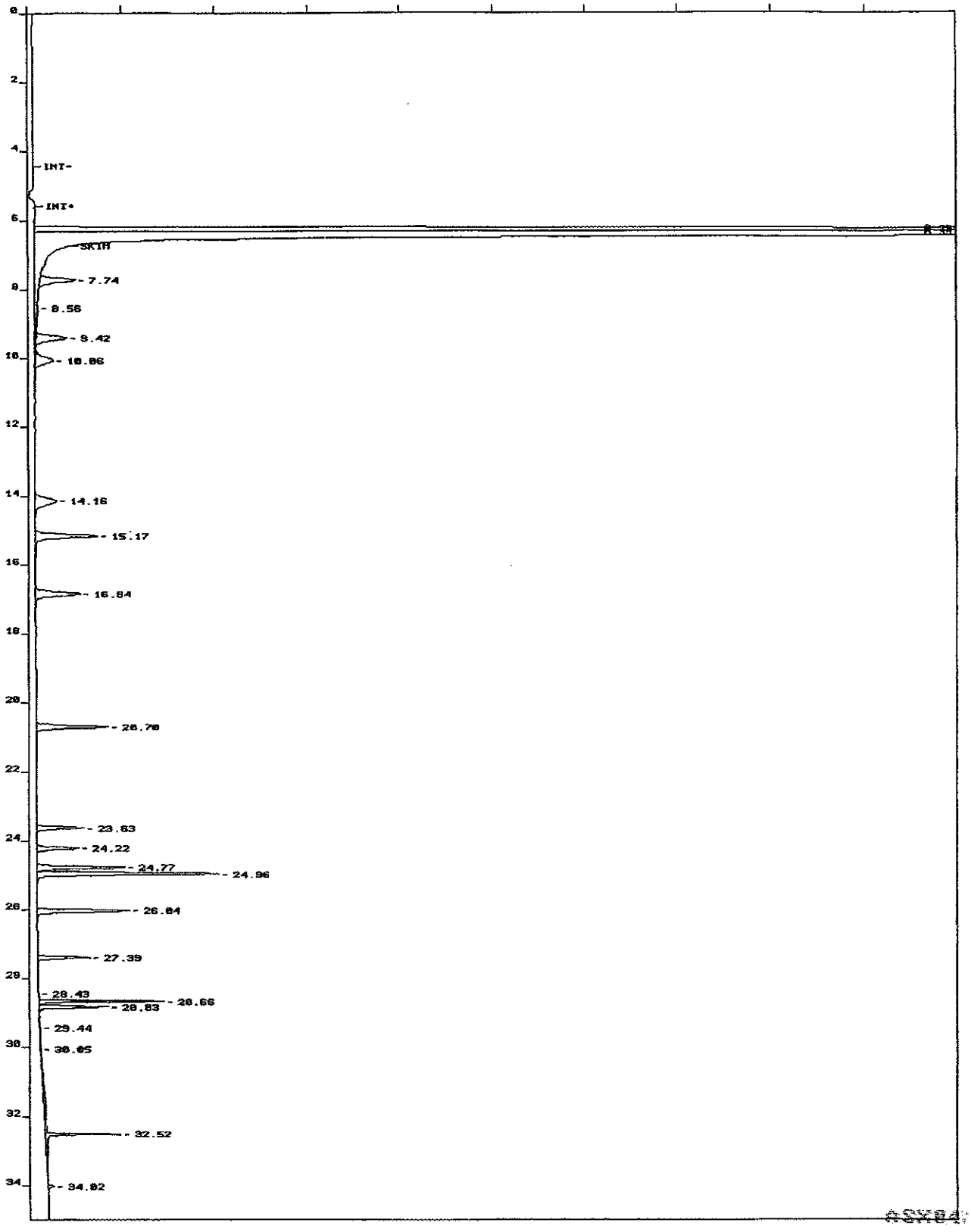
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB **360.1%**

Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: [illegible] Date: 8/25/08

Verified by: [illegible] Date: 8/25/08

File=C:\CP\DATA1\01235.07R Date printed=08-23-2008 Time= 10:12:33
Sample Name=CALSTD2 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.863 High Y=76.863 mv Span=75.0



ASX84 0522

Sample Name: **CALSTD2**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 18:26:33
Cycle: 7
Analyst: 290
Raw File: C:\CP\DATA1\01235.07R
Area File: C:\CP\DATA1\01235.07A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 15)
Last calibration update: 08/23/:8 10:12:32

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.287	6.287		7516.592	820841	149449
6.392	6.392		13606.966	1485933	183824
7.740	7.740	n-PENTANE	5.447	24677	2874
8.556	8.556		7.151	781	78
9.419	9.419	2-METHYLPENTANE	5.059	24661	2481
10.059	10.059	METHYL T-BUTYL ETH	5:208	19589	1456
14.158	14.158	2,2,4-TMP	5.397	23900	1738
15.168	15.168	BENZENE	5.170	40015	5016
16.842	16.842	SURR-TFT-F	8.006	31918	3648
20.698	20.698	TOLUENE	5.080	37949	5802
23.628	23.628	SURR-1C3FB	48.008	20160	3878
24.223	24.223	n-NONANE	4.481	18344	3463
24.774	24.774	ETHYLBENZENE	5.058	36514	7241
24.964	24.964		675.525	73770	14667
26.042	26.042		347.393	37937	7694
27.394	27.394	n-DECANE	4.039	17036	4308
28.433	28.433		1.822	199	55
28.664	28.664	1,2,4-TMB	5.041	34202	10170
28.830	28.830	n-BUTYLCYCLOHEXANE	4.518	20359	5618
29.439	29.439		5.703	623	69
30.048	30.048		2.558	279	50
32.515	32.515		317.508	34673	6103
34.024	34.024		31.712	3463	544

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	94.52462	0.41782%	223.6505E+03	7.9653%
2	24.16	32.45	1,056.13818	4.66834%	239.2628E+03	8.5213%

Total slice amount = 1150.663 Total slice area = 462913.3
Total slice amount% = 5.086153 Total slice area% = 16.48656

Surrogate Recoveries

Surrogate 1C3FB: 96.0%
Surrogate TFT: 16.0%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: KS [illegible] Date: 8/25/08

Verified by: [illegible] Date 8/25/9

Sample Name: **CALSTD2** **08235A01**
Date Acquired: Aug 22, 2008 18:26:33

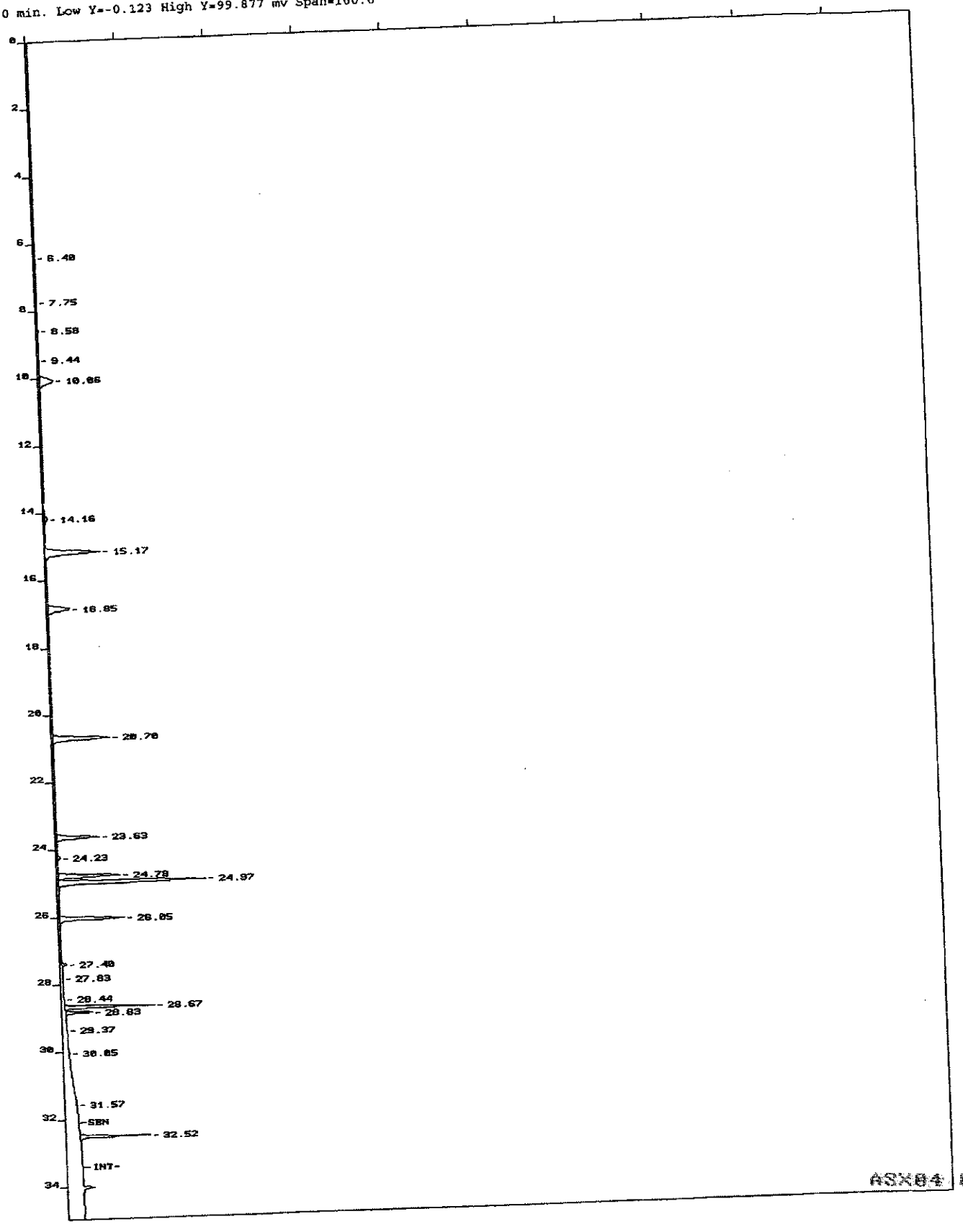
ASX04 8523

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 15
Updated from file = C:\CP\DATA1\01235.07A
Amount injected = 1
Standard amount injected = 0
Calibration level = 2 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:12:47

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	0	24677	24677	7.746	7.740	7.740	4530.21	5.68%	4.044%
2-METHYLPENTANE	27192	24661	24661	9.424	9.419	9.419	4811.68	7.33%	5.495%
METHYL T-BUTYL ETHER	21343	19589	19589	10.071	10.059	10.059	3711.02	6.30%	5.212%
2,2,4-TMP	23900	23900	23900	14.167	14.158	14.158	4428.60	7.48%	6.417%
BENZENE	40015	40015	40015	15.178	15.168	15.168	7740.37	4.40%	3.435%
SURR-TFT-F	31918	31918	31918	16.853	16.842	16.842	3986.80	4.36%	2.856%
TOLUENE	37949	37949	37949	20.706	20.698	20.698	7471.02	2.34%	1.925%
SURR-1C3FB	20160	20160	20160	23.632	23.628	23.628	419.93	7.74%	6.981%
n-NONANE	18344	18344	18344	24.228	24.223	24.223	4094.17	21.22%	15.532%
ETHYLBENZENE	36514	36514	36514	24.779	24.774	24.774	7219.01	2.23%	1.813%
M,P-XYLENE	61434	Not found	No change	24.850	Not found	No change			
O-XYLENE	36405	Not found	No change	26.690	Not found	No change			
n-DECANE	17036	17036	17036	27.398	27.394	27.394	4217.50	28.26%	23.301%
1,2,4-TMB	34202	34202	34202	28.668	28.664	28.664	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	20359	20359	20359	28.834	28.830	28.830	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

'ile=C:\CP\DATA1\01235B.07R Date printed=08-22-2008 Time= 18:26:56
Sample Name=CALSTD2 08235A01A8754 5869 8765 5988
).0 to 35.0 min. Low Y=-0.123 High Y=99.877 mv Span=100.0



Sample Name: **CALSTD2** **08235A01A**

Analyses: 8754 5869 8765 5988

Date acquired: Aug 22, 2008 18:26:33 **Dil. Factor: 1**
Cycle: 7
Analyst: 290
Raw File: C:\CP\DATA1\01235B.07R
Area File: C:\CP\DATA1\01235B.07A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 3)
Last calibration update: 08/22/:8 17:45:20

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.064	10.071	METHYL T-BUTYL ETHER	2.2409	18936	1499
15.172	15.183	BENZENE	2.3692	49848	6239
16.846	16.861	SURR-TFT-P	3.5728	22003	2468
20.701	20.710	TOLUENE	2.3336	42440	6445
23.631	23.636	ISTD-1C3FB	1.0000	25914	4871
24.777	24.783	ETHYLBENZENE	2.3749	36509	7165
24.968	24.972	M,P-XYLENE	5.0166	84714	16660
26.045	26.051	O-XYLENE	2.4433	37320	7436
28.667	28.671	1,2,4-TMB	2.4019	34824	10165
32.518	32.521	NAPHTHALENE	2.2110	24120	7974

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	5.18322	17.63365%	519.5289E+02	13.7445%

Total slice amount = 5.183215 Total slice area = 51952.89
Total slice amount% = 17.63365 Total slice area% = 13.74446

XYLENES (TOTAL)= 7.4599 ug/L

Surrogate Recoveries

Surrogate TFT: 7.15%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD2** **08235A01**
Date Acquired: Aug 22, 2008 18:26:33

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 3
Updated from file = C:\CP\DATA1\01235B.07A
Amount injected = 1
Standard amount injected = 0
Calibration level = 2 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 18:27:10

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR Max cal level = 1									
METHYL T-BUTYL ETHER	19447	18936	18936	10.071	10.064	10.064	0.31	40.01%	45.996%
BENZENE	48627	49848	49848	15.183	15.172	15.172	0.78	39.30%	44.177%
SURR-TFT-P	18907	22003	22003	16.861	16.846	16.846	0.23	35.90%	37.983%
TOLUENE	42590	42440	42440	20.710	20.701	20.701	0.68	40.22%	45.717%
ISTD-1C3FB	15981	25914	25914	23.636	23.631	23.631	1.00	0.00%	0.000%
ETHYLBENZENE	35682	36509	36509	24.783	24.777	24.777	0.57	40.82%	46.708%

4,P-XYLENE	83216	84714	84714	24.972	24.968	24.968	0.63	40.92%	45.413%
)-XYLENE	36950	37320	37320	26.051	26.045	26.045	0.57	38.25%	42.040%
1,2,4-TMB	34568	34824	34824	28.671	28.667	28.667	0.54	40.86%	46.247%
NAPHTHALENE	25255	24120	24120	32.521	32.518	32.518	0.40	41.85%	47.623%

ASX84 8527

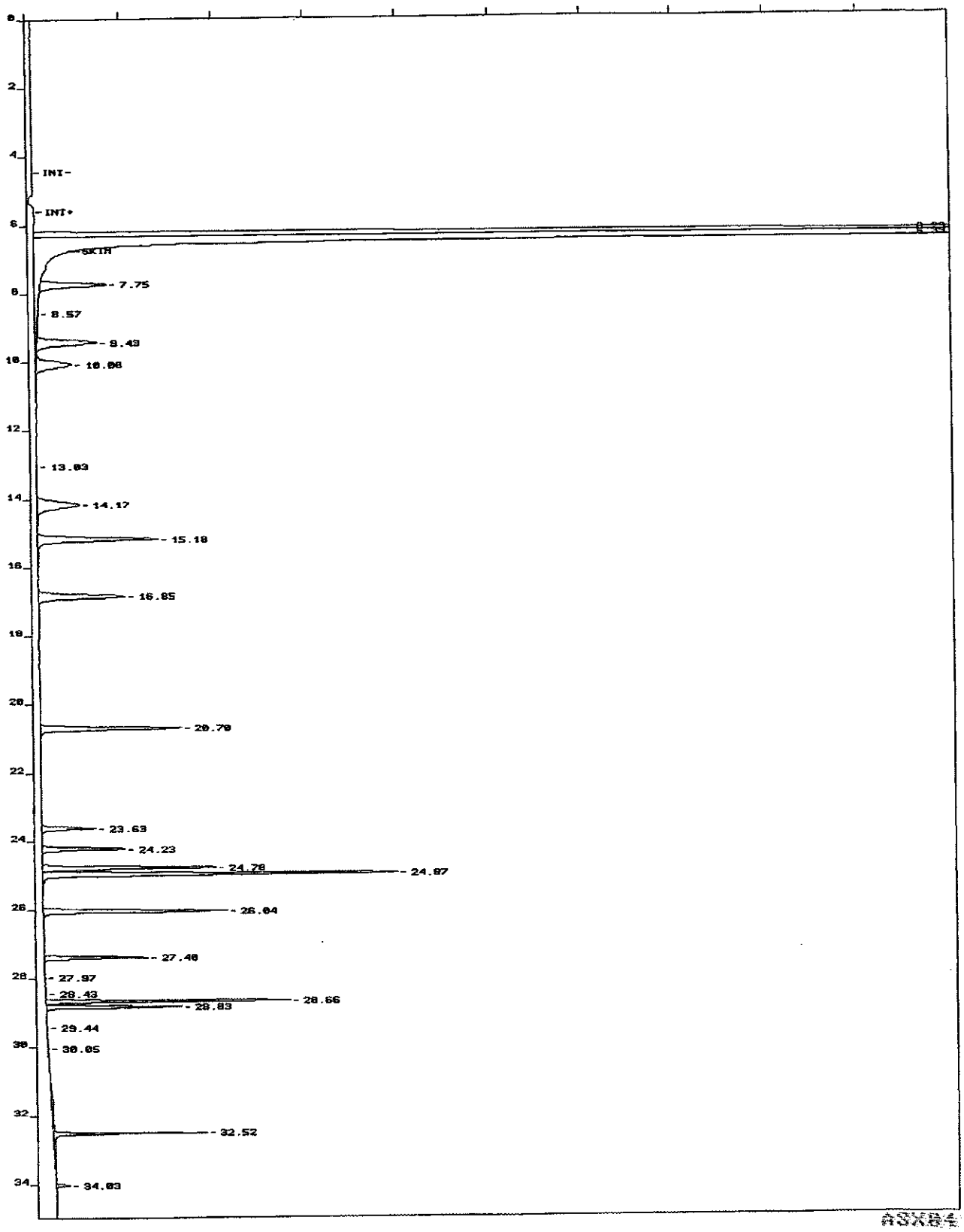
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 333.5%

Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: [illegible] Date: 8/25/[illegible]

Verified by: [illegible] Date: 8/25/[illegible]

File=C:\CP\DATA1\01235.08R Date printed=08-23-2008 Time= 10:12:48
Sample Name=CALSTD3 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.839 High Y=76.839 mv Span=75.0



ASX84 8529

Sample Name: **CALSTD3**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 19:08:22
Cycle: 8
Analyst: 290
Raw File: C:\CP\DATA1\01235.08R
Area File: C:\CP\DATA1\01235.08A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 16)
Last calibration update: 08/23/:8 10:12:46

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.289	6.289		7777.547	849338	158443
6.394	6.394		14874.036	1624302	198920
7.745	7.745	n-PENTANE	10.275	46547	5350
8.565	8.565		4.828	527	69
9.426	9.426	2-METHYLPENTANE	10.047	48344	4832
10.065	10.065	METHYL T-BUTYL ETH	10.013	37158	2866
13.030	13.030		3.362	367	22
14.167	14.167	2,2,4-TMP	10.581	46859	3390
15.177	15.177	BENZENE	9.919	76777	9793
16.851	16.851	SURR-TFT-F	15.068	60071	6931
20.705	20.705	TOLUENE	9.930	74184	11396
23.632	23.632	SURR-1C3FB	53.193	22337	4341
24.227	24.227	n-NONANE	8.702	35628	6752
24.778	24.778	ETHYLBENZENE	9.928	71669	14259
24.968	24.968		1327.665	144986	28926
26.045	26.045		672.734	73465	15118
27.396	27.396	n-DECANE	7.885	33253	8452
27.969	27.969		3.211	351	28
28.435	28.435		3.490	381	111
28.665	28.665	1,2,4-TMB	9.893	67115	19998
28.831	28.831	n-BUTYLCYCLOHEXANE	8.798	39650	10998
29.439	29.439		7.336	801	114
30.050	30.050		4.239	463	97
32.516	32.516		497.070	54282	12443
34.026	34.026		52.286	5710	1190

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	137.21410	0.54017%	413.1708E+03	12.1002%
2	24.16	32.45	2,063.88135	8.12487%	467.7619E+03	13.6990%

Total slice amount = 2201.095 Total slice area = 880932.6
Total slice amount% = 8.665035 Total slice area% = 25.79927

Surrogate Recoveries

Surrogate 1C3FB: 106.4%
Surrogate TFT: 30.1%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: KO Date: 8/25/08

Verified by: MISBUS Date: 8/26/08

ASX84 8538

Sample Name: **CALSTD3** **08235A01**
Date Acquired: Aug 22, 2008 19:08:22

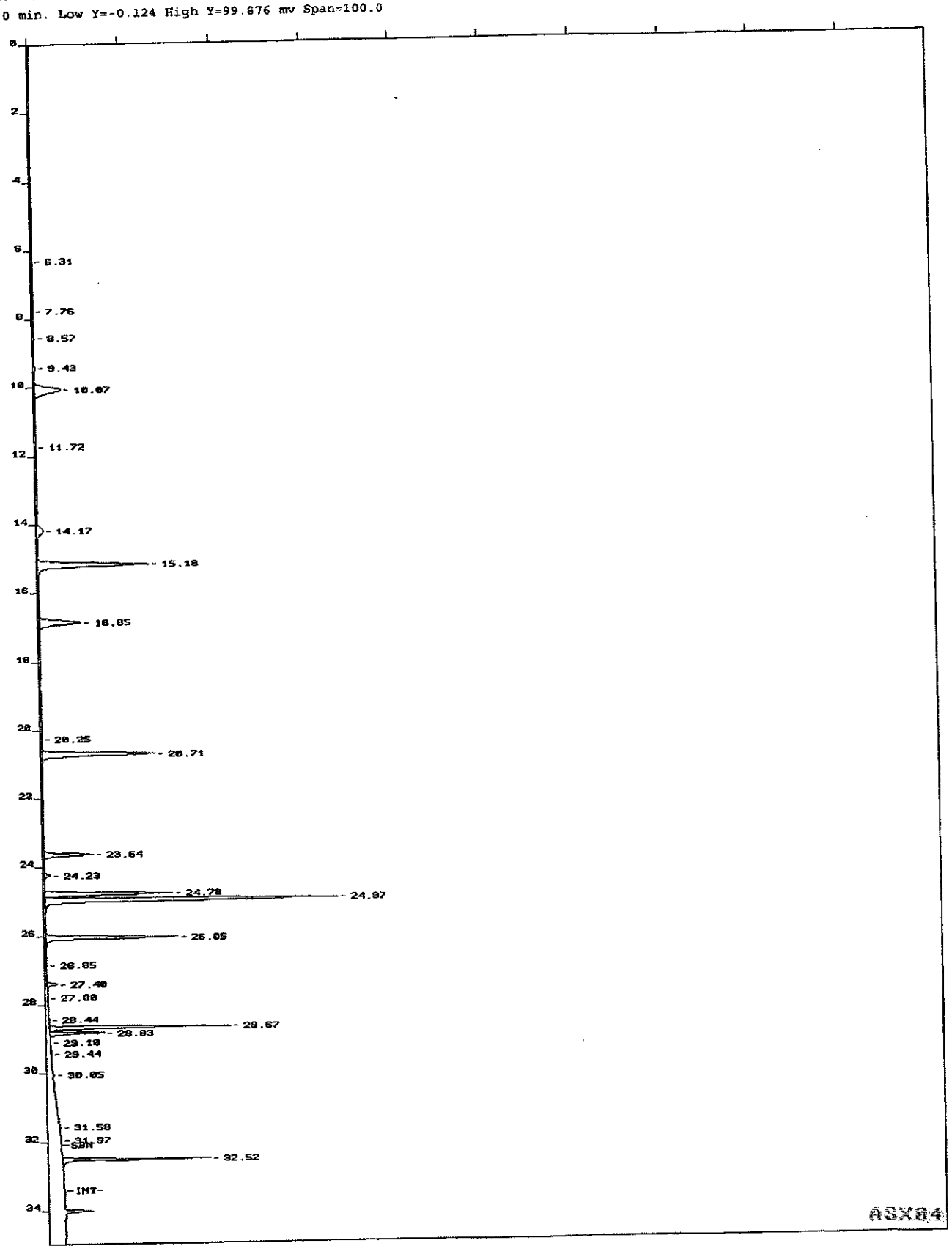
CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 16
Updated from file = C:\CP\DATA1\01235.08A
Amount injected = 1
Standard amount injected = 0
Calibration level = 3 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:13:02

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	0	46547	46547	7.740	7.745	7.745	4530.21	5.68%	4.044%
2-METHYLPENTANE	51529	48344	48344	9.419	9.426	9.426	4771.87	6.82%	4.894%
METHYL T-BUTYL ETHER	39753	37158	37158	10.059	10.065	10.065	3673.95	5.54%	4.265%
2,2,4-TMP	46859	46859	46859	14.158	14.167	14.167	4428.60	7.48%	6.417%
BENZENE	76777	76777	76777	15.168	15.177	15.177	7740.37	4.40%	3.435%
SURR-TFT-F	60071	60071	60071	16.842	16.851	16.851	3986.80	4.36%	2.856%
TOLUENE	74184	74184	74184	20.698	20.705	20.705	7471.02	2.34%	1.925%
SURR-1C3FB	22337	22337	22337	23.628	23.632	23.632	419.93	7.74%	6.981%
n-NONANE	35628	35628	35628	24.223	24.227	24.227	4094.17	21.22%	15.532%
ETHYLBENZENE	71669	71669	71669	24.774	24.778	24.778	7219.01	2.23%	1.813%
M,P-XYLENE	122821	Not found	No change	24.850	Not found	No change			
O-XYLENE	72881	Not found	No change	26.690	Not found	No change			
n-DECANE	33253	33253	33253	27.394	27.396	27.396	4217.50	28.26%	23.301%
1,2,4-TMB	67115	67115	67115	28.664	28.665	28.665	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	39650	39650	39650	28.830	28.831	28.831	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

ASX04 8531

File=C:\CP\DATA1\0123SB.08R Date printed=08-22-2008 Time= 19:08:44
Sample Name=CALSTD3 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.124 High Y=99.876 mv Span=100.0



ASX84 8532

Sample Name: **CALSTD3**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 19:08:22
Cycle: 8
Analyst: 290
Raw File: C:\CP\DATA1\01235B.08R
Area File: C:\CP\DATA1\01235B.08A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 4)
Last calibration update: 08/22/:8 18:27:08

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.068	10.064	METHYL T-BUTYL ETHER	4.2551	38071	2980
15.181	15.172	BENZENE	4.3282	96704	12233
16.855	16.846	SURR-TFT-P	6.3642	41492	4689
20.708	20.701	TOLUENE	4.3550	83920	12696
23.635	23.631	ISTD-1C3FB	1.0000	28502	5438
24.781	24.777	ETHYLBENZENE	4.3758	71416	14129
24.971	24.968	M,P-XYLENE	9.2745	165847	32708
26.048	26.045	O-XYLENE	4.4399	71829	14513
28.668	28.667	1,2,4-TMB	4.4654	68601	19970
32.519	32.518	NAPHTHALENE	4.2202	48681	16345

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	9.85796	18.14316%	103.7573E+03	14.0140%

Total slice amount = 9.857958 Total slice area = 103757.3
Total slice amount% = 18.14316 Total slice area% = 14.01397

XYLENES (TOTAL) = 13.7144 ug/L

Surrogate Recoveries

Surrogate TFT: 12.73%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD3** **08235A01**
Date Acquired: Aug 22, 2008 19:08:22

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 4
Updated from file = C:\CP\DATA1\01235B.08A
Amount injected = 1
Standard amount injected = 0
Calibration level = 3 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 19:08:58

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR Max cal level = 1									
METHYL T-BUTYL ETHER	39056	38071	38071	10.064	10.068	10.068	0.28	48.20%	51.871%
BENZENE	96874	96704	96704	15.172	15.181	15.181	0.71	47.35%	50.014%
SURR-TFT-P	39127	41492	41492	16.846	16.855	16.855	0.20	49.75%	51.114%
TOLUENE	82903	83920	83920	20.701	20.708	20.708	0.61	48.27%	51.441%
ISTD-1C3FB	10087	28502	28502	23.631	23.635	23.635	1.00	[illegible]	[illegible]
ETHYLBENZENE	71171	71416	71416	24.777	24.781	24.781	0.52	48.75%	51.934%

P-XYLENE	163581	165847	165847	24.968	24.971	24.971	0.56	47.86%	48.542%
XYLENE	71283	71829	71829	26.045	26.048	26.048	0.51	45.88%	47.200%
2,4-TMB	67869	68601	68601	28.667	28.668	28.668	0.48	48.50%	50.809%
APHTHALENE	47944	48681	48681	32.518	32.519	32.519	0.37	50.39%	54.620%

Internal Standard Calculations From ISTDTRK v. 960910.1443

ISTD-1C3FB **366.8%**

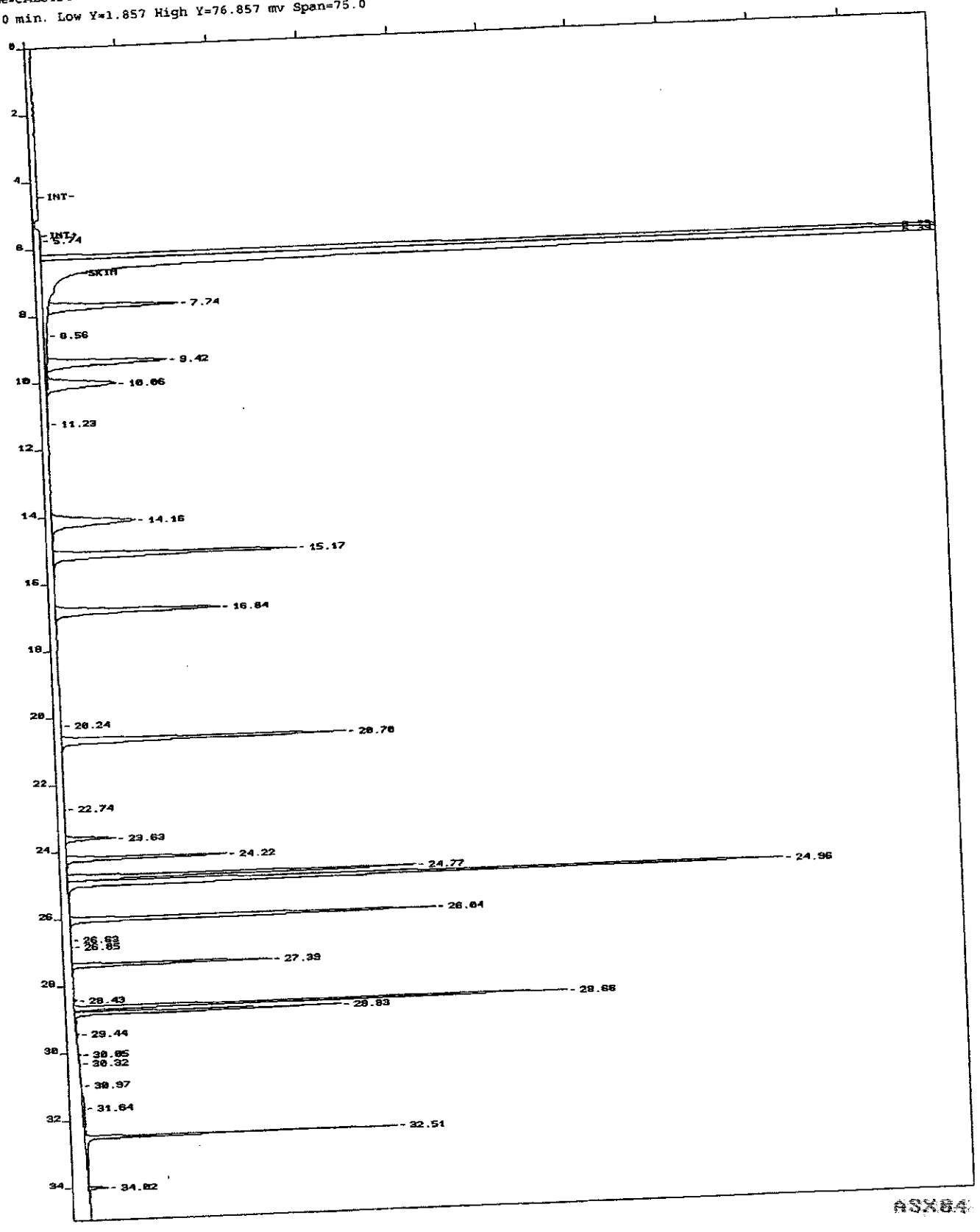
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KG *LG Date: 8/25/08

Verified by: MISRUS Date: 8/26/08

ASX04 0535

ile=C:\CP\DATA1\01235.09R Date printed=08-23-2008 Time= 10:13:03
ample Name=CALSTD4 08235A01A8754 5869 8765 5988
.0 to 35.0 min. Low Y=1.857 High Y=76.857 mv Span=75.0



ASX84 2536

Sample Name: **CALSTD4**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 19:50:14
Cycle: 9
Analyst: 290
Raw File: C:\CP\DATA1\01235.09R
Area File: C:\CP\DATA1\01235.09A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 17)
Last calibration update: 08/23/:8 10:13:02

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
5.740	5.740		4.998	546	60
6.288	6.288		8482.157	926284	172027
6.393	6.393		15116.543	1650785	203971
7.744	7.744	n-PENTANE	20.817	94306	10838
8.559	8.559		4.660	509	63
9.420	9.420	2-METHYLPENTANE	20.940	99922	9977
10.059	10.059	METHYL T-BUTYL ETH	20.443	75107	5822
11.235	11.235		3.747	409	46
14.163	14.163	2,2,4-TMP	21.783	96470	6961
15.169	15.169	BENZENE	20.430	158138	20264
16.844	16.844	SURR-TFT-F	29.949	119402	13732
20.238	20.238		3.521	384	49
20.698	20.698	TOLUENE	20.619	154044	23681
22.735	22.735		3.443	376	54
23.627	23.627	SURR-1C3FB	53.145	22317	4309
24.223	24.223	n-NONANE	17.463	71498	13552
24.773	24.773	ETHYLBENZENE	20.678	149271	29621
24.964	24.964		2749.794	300288	59907
26.041	26.041		1403.746	153294	31332
26.629	26.629		3.781	413	56
26.854	26.854		4.957	541	88
27.393	27.393	n-DECANE	15.952	67276	17104
28.434	28.434		8.136	889	245
28.664	28.664	1,2,4-TMB	20.611	139827	41605
28.830	28.830	n-BUTYLCYCLOHEXANE	18.000	81118	22339
29.436	29.436		12.097	1321	202
30.048	30.048		5.992	654	196
30.324	30.324		2.574	281	79
30.969	30.969		13.260	1448	83
31.640	31.640		50.270	5490	177
32.515	32.515		762.032	83217	26074
34.024	34.024		62.058	6777	1700

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	223.49776	0.77072%	821.3849E+03	18.4060%
2	24.16	32.45	4,347.31006	14.99145%	973.6099E+03	21.8171%

Total slice amount = 4570.808 Total slice area = 1794995
Total slice amount% = 15.76217 Total slice area% = 40.22304

Surrogate Recoveries

Surrogate 1C3FB: 106.3%
Surrogate TFT: 59.9%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

ASX64 8537

Reviewed by: KG KW Date: 8/25/08

Verified by: [illegible] Date: 8/28/08

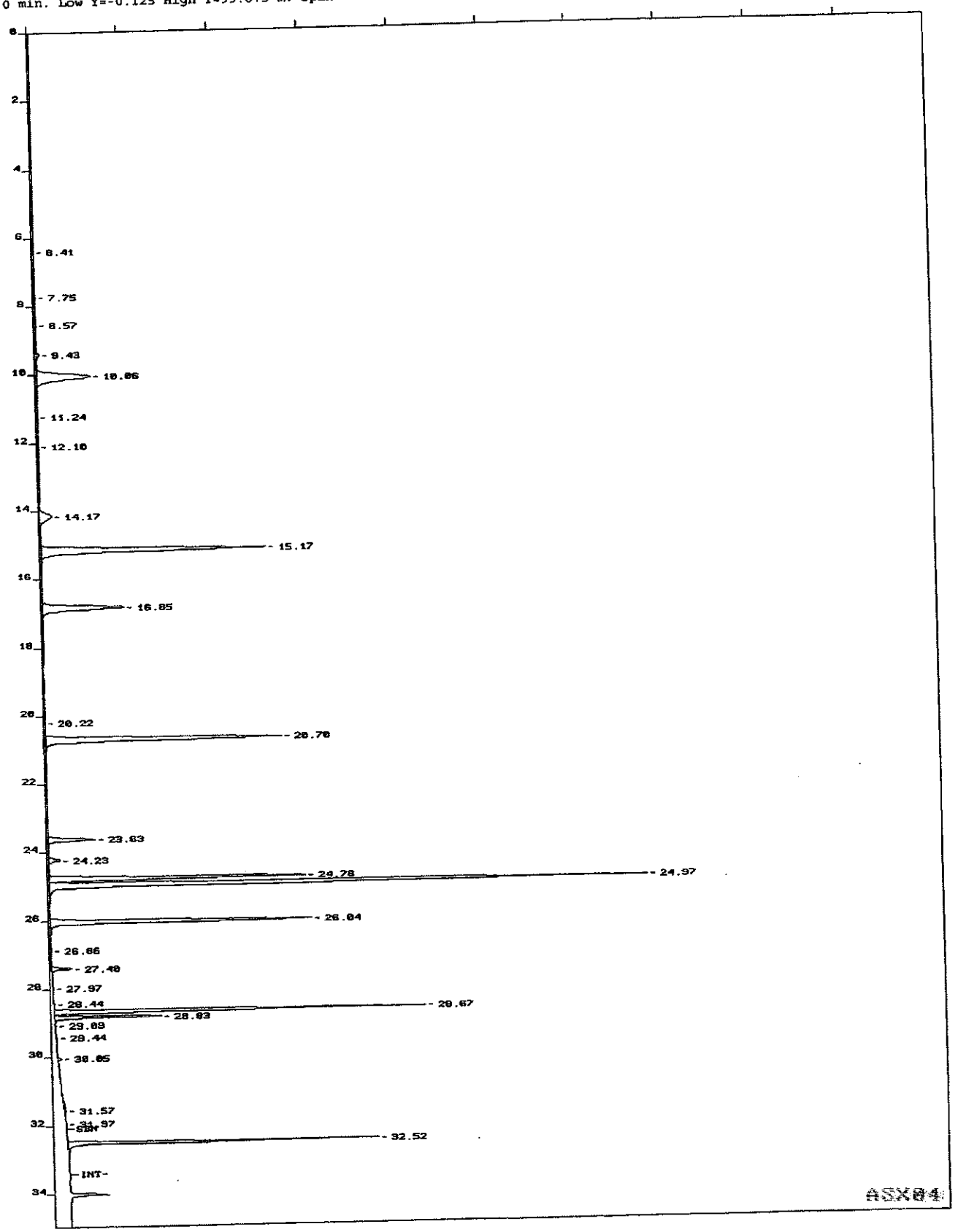
Sample Name: **CALSTD4** **08235A01**
Date Acquired: Aug 22, 2008 19:50:14

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 17
Updated from file = C:\CP\DATA1\01235.09A
Amount injected = 1
Standard amount injected = 0
Calibration level = 4 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:13:17

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	0	94306	94306	7.745	7.744	7.744	4530.21	5.68%	4.044%
2-METHYLPENTANE	104067	99922	99922	9.426	9.420	9.420	4745.96	6.17%	4.530%
METHYL T-BUTYL ETHER	78208	75107	75107	10.065	10.059	10.059	3651.80	4.95%	3.774%
2,2,4-TMP	96470	96470	96470	14.167	14.163	14.163	4428.60	7.48%	6.417%
BENZENE	158138	158138	158138	15.177	15.169	15.169	7740.37	4.40%	3.435%
SURR-TFT-F	119402	119402	119402	16.851	16.844	16.844	3986.80	4.36%	2.856%
TOLUENE	154044	154044	154044	20.705	20.698	20.698	7471.02	2.34%	1.925%
SURR-1C3FB	22317	22317	22317	23.632	23.627	23.627	419.93	7.74%	6.981%
n-NONANE	71498	71498	71498	24.227	24.223	24.223	4094.17	21.22%	15.532%
ETHYLBENZENE	149271	149271	149271	24.778	24.773	24.773	7219.01	2.23%	1.813%
M,P-XYLENE	246706	Not found	No change	24.850	Not found	No change			
O-XYLENE	145595	Not found	No change	26.690	Not found	No change			
n-DECANE	67276	67276	67276	27.396	27.393	27.393	4217.50	28.26%	23.301%
1,2,4-TMB	139827	139827	139827	28.665	28.664	28.664	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	81118	81118	81118	28.831	28.830	28.830	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

File=C:\CP\DATA1\01235B.09R Date printed=08-22-2008 Time= 19:50:37
Sample Name=CALSTD4 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.125 High Y=99.875 mv Span=100.0



ASX04 0540

Sample Name: **CALSTD4**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 19:50:14
Cycle: 9
Analyst: 290
Raw File: C:\CP\DATA1\01235B.09R
Area File: C:\CP\DATA1\01235B.09A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 5)
Last calibration update: 08/22/:8 19:08:56

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.064	10.068	METHYL T-BUTYL ETHER	9.9714	78622	6033
15.172	15.181	BENZENE	9.9808	196948	25133
16.847	16.855	SURR-TFT-P	14.7183	80776	9211
20.701	20.708	TOLUENE	10.1078	172312	26311
23.630	23.635	ISTD-1C3FB	1.0000	27939	5376
24.777	24.781	ETHYLBENZENE	10.2411	147569	29088
24.967	24.971	M,P-XYLENE	21.5706	338948	67110
26.045	26.048	O-XYLENE	10.2540	146334	29589
28.666	28.668	1,2,4-TMB	10.3781	140626	41426
32.517	32.519	NAPHTHALENE	9.8717	101127	34574

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	21.74773	17.41225%	203.0238E+03	13.5261%

Total slice amount = 21.74773 Total slice area = 203023.8
Total slice amount% = 17.41225 Total slice area% = 13.52608

XYLENES (TOTAL) = 31.8246 ug/L

Surrogate Recoveries

Surrogate TFT: 29.44%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD4** **08235A01**
Date Acquired: Aug 22, 2008 19:50:14

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 5
Updated from file = C:\CP\DATA1\01235B.09A
Amount injected = 1
Standard amount injected = 0
Calibration level = 4 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 19:50:51

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR Max cal level = 1									
METHYL T-BUTYL ETHER	77478	78622	78622	10.068	10.064	10.064	0.27	54.42%	58.756%
BENZENE	190687	196948	196948	15.181	15.172	15.172	0.67	53.45%	56.943%
SURR-TFT-P	76915	80776	80776	16.855	16.847	16.847	0.18	59.74%	62.292%
TOLUENE	165108	172312	172312	20.708	20.701	20.701	0.58	54.25%	58.071%
ISTD-1C3FB	14582	27939	27939	23.635	23.630	23.630	1.00	0.00%	0.000%
ETHYLBENZENE	140179	147569	147569	24.781	24.777	24.777	0.49	54.62%	58.317%

M,P-XYLENE	322517	338948	338948	24.971	24.967	24.967	0.53	53.55%	54.346%
O-XYLENE	139627	146334	146334	26.048	26.045	26.045	0.48	51.80%	53.826%
1,2,4-TMB	134349	140626	140626	28.668	28.666	28.666	0.46	54.37%	57.066%
NAPHTHALENE	99620	101127	101127	32.519	32.517	32.517	0.35	56.62%	61.516%

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 359.5%

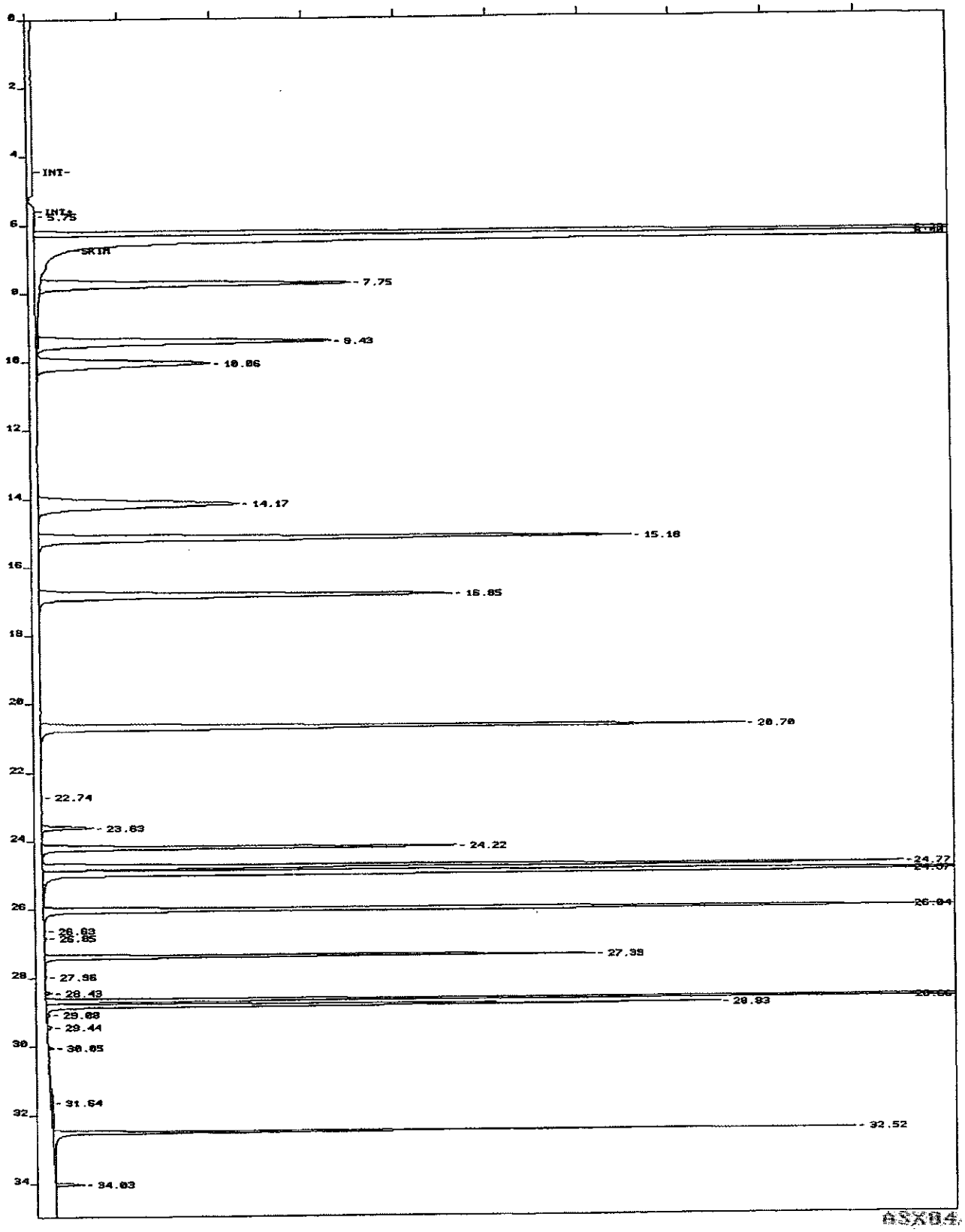
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KW KW Date: 8/25/08

Verified by: MCSM8 Date: 8/25/08

ASX04 0543

File=C:\CP\DATA1\01235.10R Date printed=08-23-2008 Time= 10:13:18
Sample Name=CALSTD5 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.849 High Y=76.849 mv Span=75.0



ASX04 0544

Sample Name: **CALSTD5**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 20:32:05
Cycle: 10
Analyst: 290
Raw File: C:\CP\DATA1\01235.10R
Area File: C:\CP\DATA1\01235.10A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 18)
Last calibration update: 08/23/:8 10:13:16

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
5.747	5.747		5.289	578	62
6.293	6.293		7379.433	805862	154918
6.398	6.398		14397.315	1572242	188333
7.748	7.748	n-PENTANE	49.799	225599	25351
9.429	9.429	2-METHYLPENTANE	51.441	244138	24065
10.064	10.064	METHYL T-BUTYL ETH	49.574	181035	14203
14.171	14.171	2,2,4-TMP	51.355	227433	16465
15.175	15.175	BENZENE	49.269	381362	49161
16.849	16.849	SURR-TFT-F	73.608	293460	33814
20.701	20.701	TOLUENE	50.095	374260	57712
22.738	22.738		4.301	470	43
23.627	23.627	SURR-1C3FB	53.032	22270	4344
24.224	24.224	n-NONANE	44.421	181869	34563
24.774	24.774	ETHYLBENZENE	50.150	362035	71881
24.965	24.965		6656.651	726932	145714
26.041	26.041		3399.898	371282	76111
26.626	26.626		8.524	931	135
26.854	26.854		10.020	1094	208
27.393	27.393	n-DECANE	43.198	182187	46302
27.964	27.964		4.859	531	131
28.433	28.433		19.179	2094	588
28.664	28.664	1,2,4-TMB	50.077	339735	101336
28.830	28.830	n-BUTYLCYCLOHEXANE	44.916	202413	55770
29.081	29.081		13.473	1471	258
29.436	29.436		18.774	2050	425
30.048	30.048		13.116	1432	459
31.644	31.644		51.147	5585	143
32.517	32.517		1773.589	193683	65693
34.028	34.028		75.471	8242	2388

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	432.47559	1.25384%	195.0028E+04	28.2111%
2	24.16	32.45	10,428.40137	30.23428%	238.1641E+04	34.4552%

Total slice amount = 10860.88 Total slice area = 4331669
Total slice amount% = 31.48813 Total slice area% = 62.66634

Surrogate Recoveries

Surrogate 1C3FB: 106.1%
Surrogate TFT: 147.2%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: KS Date: 8/25/08

Verified by: MLSMS Date: 8/25/08

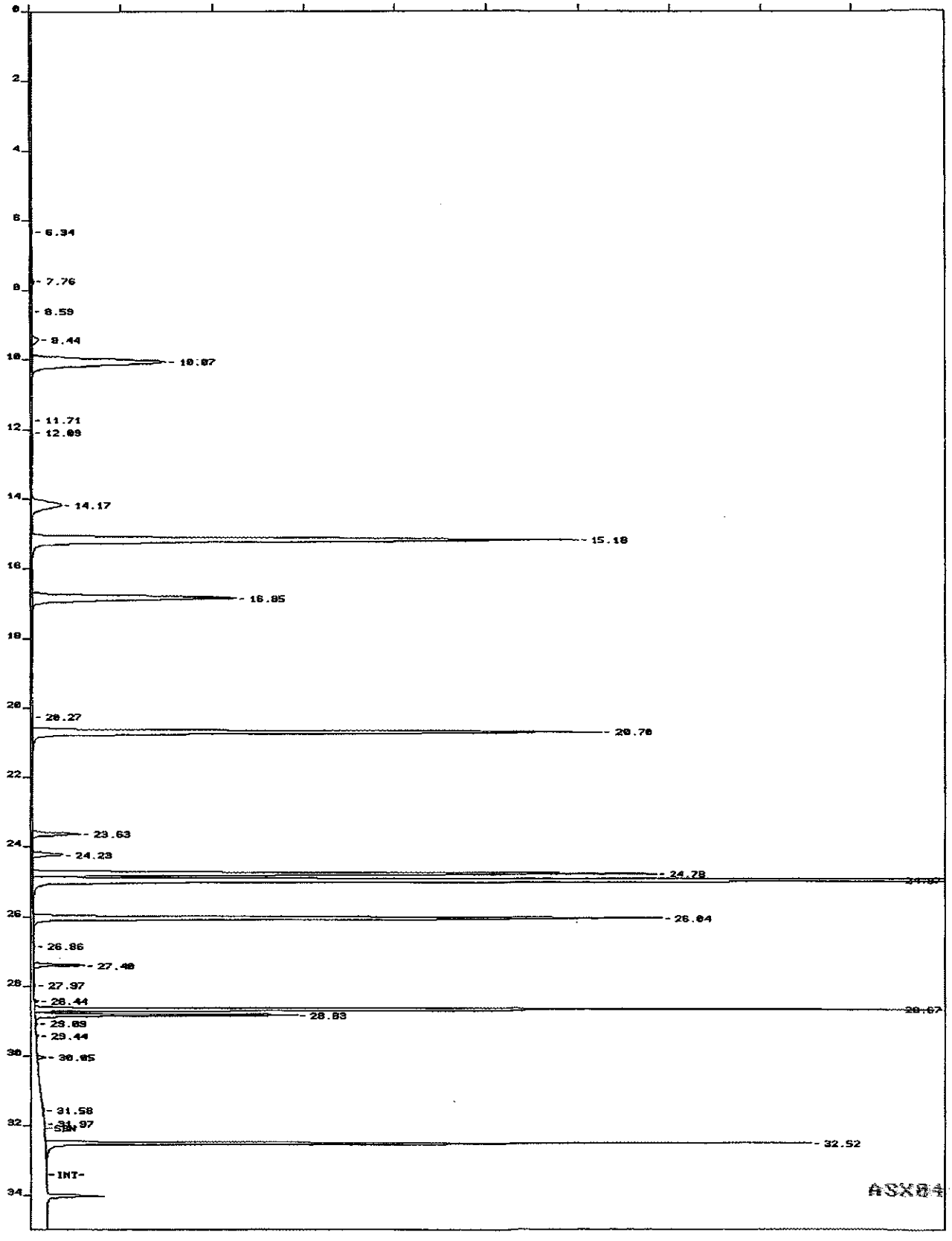
Sample Name: **CALSTD5** **08235A01**
Date Acquired: Aug 22, 2008 20:32:05

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 18
Updated from file = C:\CP\DATA1\01235.10A
Amount injected = 1
Standard amount injected = 0
Calibration level = 5 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:13:32

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	245205	225599	225599	7.744	7.748	7.748	4432.18	1.87%	1.509%
2-METHYLPENTANE	248396	244138	244138	9.420	9.429	9.429	4735.31	6.02%	4.391%
METHYL T-BUTYL ETHER	184794	181035	181035	10.059	10.064	10.064	3641.06	4.94%	3.674%
2,2,4-TMP	227433	227433	227433	14.163	14.171	14.171	4428.60	7.48%	6.417%
BENZENE	381362	381362	381362	15.169	15.175	15.175	7740.37	4.40%	3.435%
SURR-TFT-F	293460	293460	293460	16.844	16.849	16.849	3986.80	4.36%	2.856%
TOLUENE	374260	374260	374260	20.698	20.701	20.701	7471.02	2.34%	1.925%
SURR-1C3FB	22270	22270	22270	23.627	23.627	23.627	419.93	7.74%	6.981%
n-NONANE	181869	181869	181869	24.223	24.224	24.224	4094.17	21.22%	15.532%
ETHYLBENZENE	362035	362035	362035	24.773	24.774	24.774	7219.01	2.23%	1.813%
M,P-XYLENE	612701	Not found	No change	24.850	Not found	No change			
O-XYLENE	361683	Not found	No change	26.690	Not found	No change			
n-DECANE	182187	182187	182187	27.393	27.393	27.393	4217.50	28.26%	23.301%
1,2,4-TMB	339735	339735	339735	28.664	28.664	28.664	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	202413	202413	202413	28.830	28.830	28.830	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

File=C:\CP\DATA1\01235B.10R Date printed=08-22-2008 Time= 20:32:28
Sample Name=CALSTD5 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.127 High Y=99.873 mv Span=100.0



ASX04 0548

Sample Name: **CALSTD5** **08235A01A**

Analyses: 8754 5869 8765 5988

Date acquired: Aug 22, 2008 20:32:05 **Dil. Factor: 1**
Cycle: 10
Analyst: 290
Raw File: C:\CP\DATA1\01235B.10R
Area File: C:\CP\DATA1\01235B.10A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 6)
Last calibration update: 08/22/:8 19:50:50

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.068	10.064	METHYL T-BUTYL ETHER	25.5899	188687	14714
15.178	15.172	BENZENE	25.4914	471394	60235
16.852	16.847	SURR-TFT-P	39.1453	195469	22306
20.704	20.701	TOLUENE	25.8166	412675	62911
23.631	23.630	ISTD-1C3FB	1.0000	27658	5321
24.778	24.777	ETHYLBENZENE	26.0204	351687	69454
24.968	24.967	M,P-XYLENE	54.1581	795703	158046
26.044	26.045	O-XYLENE	25.6321	342894	70029
28.667	28.666	1,2,4-TMB	26.2971	333746	98515
32.519	32.517	NAPHTHALENE	26.1094	250281	84837

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	55.14418	17.30450%	477.7917E+03	13.4050%

Total slice amount = 55.14418 Total slice area = 477791.7
Total slice amount% = 17.3045 Total slice area% = 13.40496

XYLENES (TOTAL)= 79.7902 ug/L

Surrogate Recoveries

Surrogate TFT: 78.29%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD5** **08235A01**
Date Acquired: Aug 22, 2008 20:32:05

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 6
Updated from file = C:\CP\DATA1\01235B.10A
Amount injected = 1
Standard amount injected = 0
Calibration level = 5 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 20:32:42

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR Max cal level = 1									
METHYL T-BUTYL ETHER	184849	188687	188687	10.064	10.068	10.068	0.23	56.91%	51.793%
BENZENE	461420	471394	471394	15.172	15.178	15.178	0.57	55.84%	49.852%
SURR-TFT-P	190108	195469	195469	16.847	16.852	16.852	0.14	60.53%	40.485%
TOLUENE	401618	412675	412675	20.701	20.704	20.704	0.49	[illegible]	[illegible]
ISTD-1C3FB	8153	27658	27658	23.630	23.631	23.631	1.00	0.00%	0.000%
ETHYLBENZENE	342652	351687	351687	24.777	24.778	24.778	0.42	56.60%	49.269%

M,P-XYLENE	778368	795703	795703	24.967	24.968	24.968	0.45	52.76%	42.212%
O-XYLENE	334624	342894	342894	26.045	26.044	26.044	0.41	53.50%	45.751%
1,2,4-TMB	324716	333746	333746	28.666	28.667	28.667	0.39	55.78%	46.071%
NAPHTHALENE	248510	250281	250281	32.517	32.519	32.519	0.29	58.38%	51.218%

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 355.9%

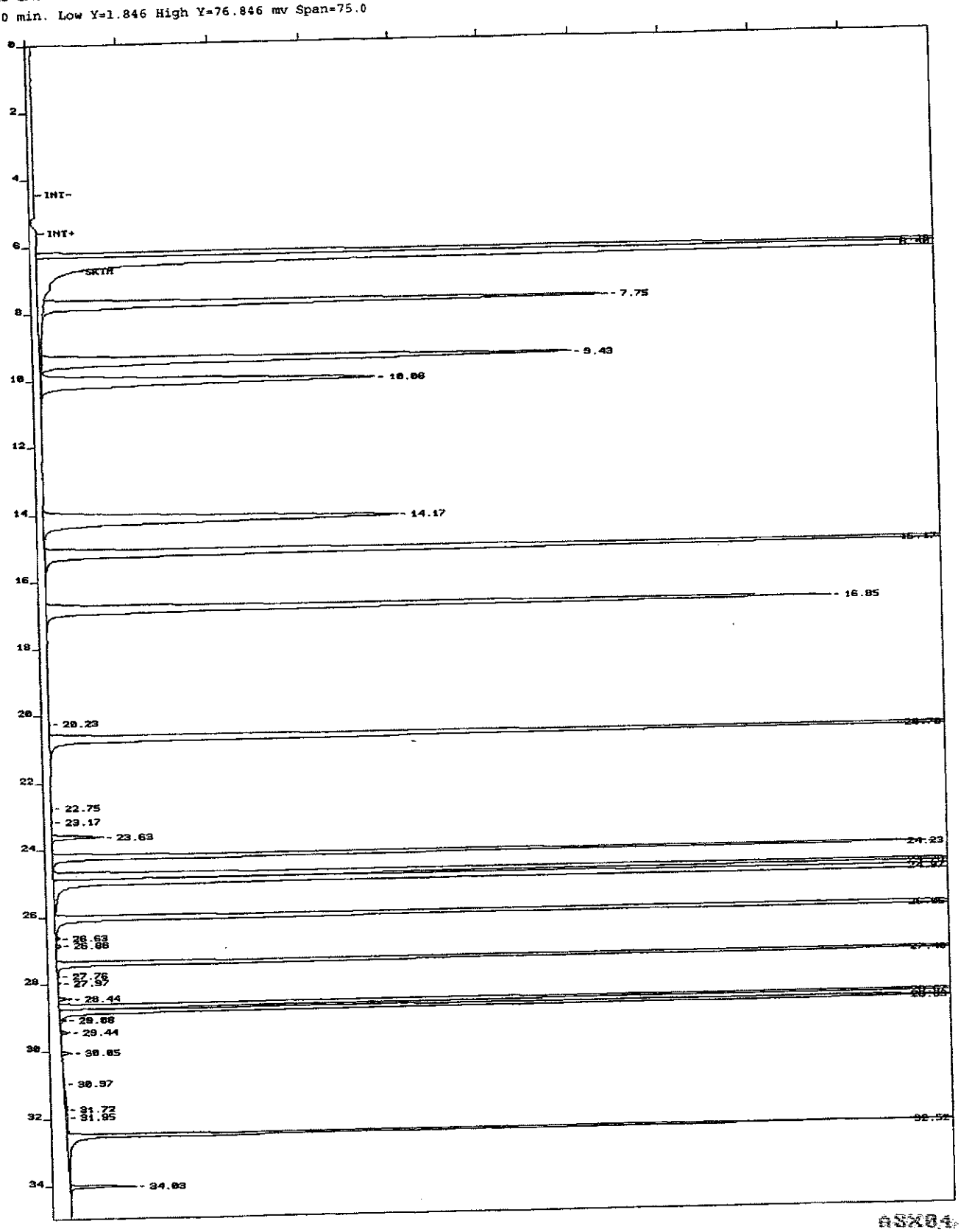
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: [illegible] Date: 8/25/08

Verified by: [illegible] Date: 8/25/08

ASX04 8551

File=C:\CP\DATA1\01235.12R Date printed=08-23-2008 Time= 10:13:33
Sample Name=CALSTD6 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.846 High Y=76.846 mv Span=75.0



ASX04 8552

Sample Name: **CALSTD6**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 21:55:47
Cycle: 12
Analyst: 290
Raw File: C:\CP\DATA1\01235.12R
Area File: C:\CP\DATA1\01235.12A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 19)
Last calibration update: 08/23/:8 10:13:32

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.293	6.293		7870.322	859469	164602
6.398	6.398		15405.773	1682370	205731
7.748	7.748	n-PENTANE	94.537	419005	47010
9.428	9.428	2-METHYLPENTANE	95.427	451877	44267
10.064	10.064	METHYL T-BUTYL ETH	97.581	355299	27807
14.173	14.173	2,2,4-TMP	92.237	408482	29423
15.175	15.175	BENZENE	96.276	745212	96246
16.849	16.849	SURR-TFT-F	142.244	567098	65454
20.231	20.231		2.935	320	47
20.703	20.703	TOLUENE	97.701	729924	112916
22.751	22.751		5.011	547	65
23.172	23.172		3.271	357	56
23.631	23.631	SURR-1C3FB	52.591	22084	4335
24.229	24.229	n-NONANE	94.056	385081	73157
24.780	24.780	ETHYLBENZENE	97.628	704781	140632
24.971	24.971		12984.317	1417937	284689
26.046	26.046		6661.873	727502	149261
26.629	26.629		10.893	1190	251
26.857	26.857		15.328	1674	373
27.398	27.398	n-DECANE	109.688	462611	118767
27.764	27.764		10.303	1125	164
27.967	27.967		9.772	1067	265
28.435	28.435		37.683	4115	1157
28.667	28.667	1,2,4-TMB	97.746	663136	199226
28.832	28.832	n-BUTYLCYCLOHEXANE	94.682	426682	118440
29.083	29.083		29.868	3262	520
29.437	29.437		34.913	3813	832
30.049	30.049		25.977	2837	923
30.970	30.970		7.006	765	63
31.719	31.719		40.263	4397	137
31.952	31.952		16.840	1839	148
32.517	32.517		3531.290	385630	133930
34.026	34.026		176.654	19291	5713

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	779.81018	1.61979%	370.0206E+04	32.2858%
2	24.16	32.45	20,378.83398	42.33007%	481.3812E+04	42.0025%

Total slice amount = 21158.64 Total slice area = 8514018
Total slice amount% = 43.94986 Total slice area% = 74.28831

Surrogate Recoveries

Surrogate 1C3FB: 105.2%
Surrogate TFT: 284.5%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

AGX04 0553

Reviewed by: [illegible] Date: 8/25/09

Verified by: MCSMB Date: 8/25/08

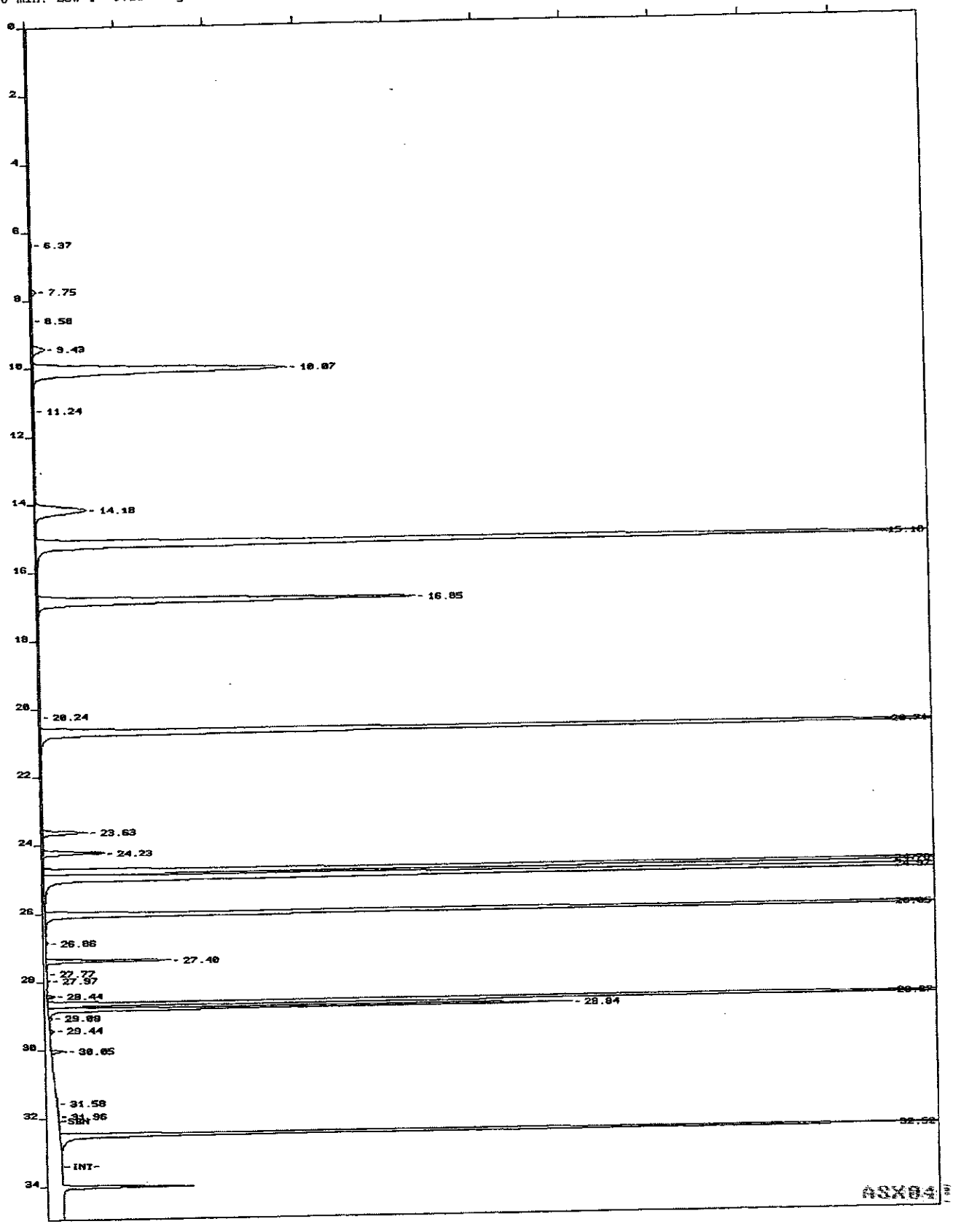
Sample Name: **CALSTD6** **08235A01**
Date Acquired: Aug 22, 2008 21:55:47

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 19
Updated from file = C:\CP\DATA1\01235.12A
Amount injected = 1
Standard amount injected = 0
Calibration level = 6 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:13:49

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	440039	419005	419005	7.748	7.748	7.748	4379.59	3.42%	2.740%
2-METHYLPENTANE	456832	451877	451877	9.429	9.428	9.428	4729.12	6.12%	4.592%
METHYL T-BUTYL ETHER	359726	355299	355299	10.064	10.064	10.064	3634.73	5.02%	3.822%
2,2,4-TMP	408482	408482	408482	14.171	14.173	14.173	4428.60	7.48%	6.417%
BENZENE	745212	745212	745212	15.175	15.175	15.175	7740.37	4.40%	3.435%
SURR-TFT-F	567098	567098	567098	16.849	16.849	16.849	3986.80	4.36%	2.856%
TOLUENE	729924	729924	729924	20.701	20.703	20.703	7471.02	2.34%	1.925%
SURR-1C3FB	22084	22084	22084	23.627	23.631	23.631	419.93	7.74%	6.981%
n-NONANE	385081	385081	385081	24.224	24.229	24.229	4094.17	21.22%	15.532%
ETHYLBENZENE	704781	704781	704781	24.774	24.780	24.780	7219.01	2.23%	1.813%
M,P-XYLENE	1176337	Not found	No change	24.850	Not found	No change			
O-XYLENE	719837	Not found	No change	26.690	Not found	No change			
n-DECANE	462611	462611	462611	27.393	27.398	27.398	4217.50	28.26%	23.301%
1,2,4-TMB	663136	663136	663136	28.664	28.667	28.667	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	426682	426682	426682	28.830	28.832	28.832	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

File=C:\CP\DATA1\01235B.12R Date printed=08-22-2008 Time= 21:56:10
Sample Name=CALSTD6 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.127 High Y=99.873 mv Span=100.0



ASX04 0556

Sample Name: **CALSTD6**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 21:55:47
Cycle: 12
Analyst: 290
Raw File: C:\CP\DATA1\01235B.12R
Area File: C:\CP\DATA1\01235B.12A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 7)
Last calibration update: 08/22/:8 20:32:40

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.067	10.068	METHYL T-BUTYL ETHER	60.0238	365037	28480
15.178	15.178	BENZENE	59.2288	904161	115899
16.852	16.852	SURR-TFT-P	100.2238	368462	42432
20.706	20.704	TOLUENE	59.7704	788106	121123
23.634	23.631	ISTD-1C3FB	1.0000	26795	5160
24.783	24.778	ETHYLBENZENE	60.2354	670442	132840
24.973	24.968	M,P-XYLENE	122.8584	1474244	289355
26.049	26.044	O-XYLENE	58.8648	649928	132935
28.669	28.667	1,2,4-TMB	60.7982	634462	185827
32.519	32.519	NAPHTHALENE	62.1977	488313	168307

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	140.77829	18.46671%	928.5001E+03	13.6998%

Total slice amount = 140.7783 Total slice area = 928500.1
Total slice amount% = 18.46671 Total slice area% = 13.69982

XYLENES (TOTAL) = 181.7232 ug/L

Surrogate Recoveries

Surrogate TFT: 200.45%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD6** **08235A01**
Date Acquired: Aug 22, 2008 21:55:47

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 7
Updated from file = C:\CP\DATA1\01235B.12A
Amount injected = 1
Standard amount injected = 0
Calibration level = 6 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 21:56:24

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR Max cal level = 1									
METHYL T-BUTYL ETHER	359464	365037	365037	10.068	10.067	10.067	0.19	55.33%	38.247%
BENZENE	896293	904161	904161	15.178	15.178	15.178	0.48	54.28%	36.936%
SURR-TFT-P	368378	368462	368462	16.852	16.852	16.852	0.10	8.61%	5.739%
TOLUENE	782195	788106	788106	20.704	20.706	20.706	0.42	54.62%	36.838%
ISTD-1C3FB	8612	26795	26795	23.631	23.634	23.634	1.00	0.00%	0.000%
ETHYLBENZENE	668738	670442	670442	24.778	24.783	24.783	0.35	53.96%	35.601%

M,P-XYLENE	1459296	1474244	1474244	24.968	24.973	24.973	0.38	47.12%	27.287%
O-XYLENE	643156	649928	649928	26.044	26.049	26.049	0.35	51.38%	33.757%
1,2,4-TMB	626353	634462	634462	28.667	28.669	28.669	0.33	52.72%	32.845%
NAPHTHALENE	477410	488313	488313	32.519	32.519	32.519	0.25	55.60%	36.584%

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 344.8%

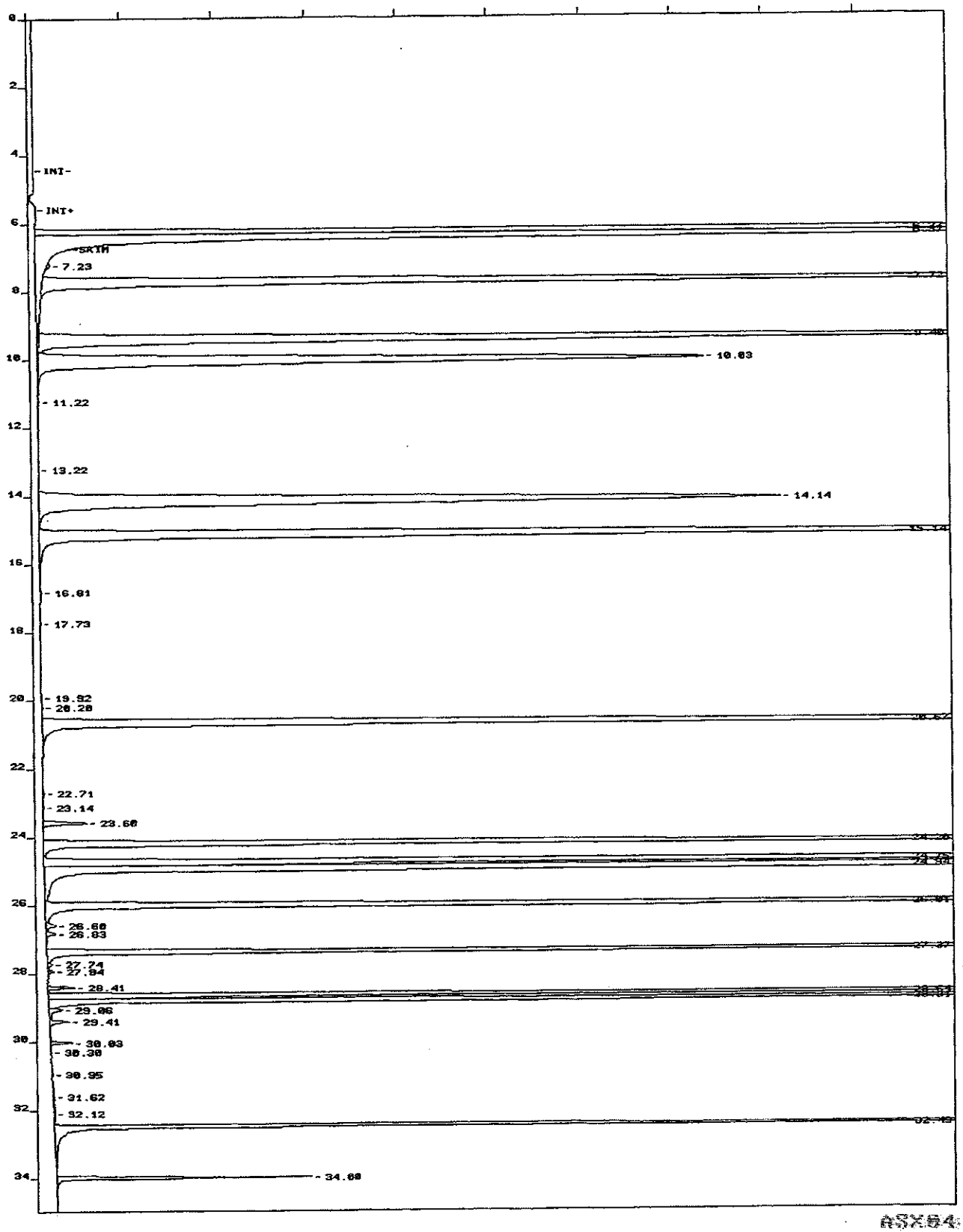
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: 15 + 20 Date: 8/25/08

Verified by: MLSMS Date: 8/25/08

ASX04 8559

File=C:\CP\DATA1\01235.14R Date printed=08-23-2008 Time= 10:13:50
Sample Name=CALSTD7 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.888 High Y=76.888 mv Span=75.0



ASX04 8560

Sample Name: **CALSTD7**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 23:19:28
Cycle: 14
Analyst: 290
Raw File: C:\CP\DATA1\01235.14R
Area File: C:\CP\DATA1\01235.14A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 20)
Last calibration update: 08/23/:8 10:13:48

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.269	6.269		8423.852	919917	167369
6.373	6.373		14419.415	1574655	196011
7.233	7.233		16.465	1798	228
7.722	7.722	n-PENTANE	199.455	873529	98573
9.398	9.398	2-METHYLPENTANE	202.794	959037	93734
10.033	10.033	METHYL T-BUTYL ETH	192.536	699817	54494
11.219	11.219		7.135	779	90
13.217	13.217		2.322	254	40
14.142	14.142	2,2,4-TMP	192.723	853494	61079
15.138	15.138	BENZENE	194.098	1502393	193478
16.810	16.810	SURR-TFT-F	0.138	551	73
17.729	17.729		4.612	504	67
19.921	19.921		3.620	395	47
20.200	20.200		5.885	643	81
20.666	20.666	TOLUENE	197.004	1471818	227367
22.714	22.714		11.285	1232	127
23.135	23.135		7.393	807	129
23.595	23.595	SURR-1C3FB	44.677	18761	3666
24.199	24.199	n-NONANE	247.664	1013980	191831
24.747	24.747	ETHYLBENZENE	197.318	1424442	283934
24.941	24.941		26300.049	2872066	577021
26.014	26.014		13412.716	1464720	301125
26.598	26.598		50.606	5526	807
26.827	26.827		44.499	4859	850
27.373	27.373	n-DECANE	278.878	1176170	298498
27.736	27.736		26.123	2853	411
27.941	27.941		19.391	2118	539
28.410	28.410		77.338	8446	2324
28.644	28.644	1,2,4-TMB	197.801	1341931	396105
28.811	28.811	n-BUTYLCYCLOHEXANE	240.492	1083764	298090
29.060	29.060		72.086	7872	1117
29.413	29.413		73.578	8035	1701
30.026	30.026		54.313	5931	1868
30.302	30.302		2.702	295	99
30.949	30.949		6.283	686	90
31.621	31.621		36.287	3963	163
32.119	32.119		11.727	1281	135
32.494	32.494		7016.563	766236	264179
34.000	34.000		609.614	66572	20685

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	1,265.67688	1.73140%	638.4014E+04	31.6948%
2	24.16	32.45	41,349.84766	56.56503%	104.2894E+05	51.7767%

Total slice amount = 42615.52 Total slice area = 1.681295E+07
Total slice amount% = 58.29642 Total slice area% = 83.47156

ASX04: 0561

Surrogate Recoveries

Surrogate 1C3FB: 89.4%
Surrogate TFT: 0.3%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: _____ Date: _____

Verified by: _____ Date: _____

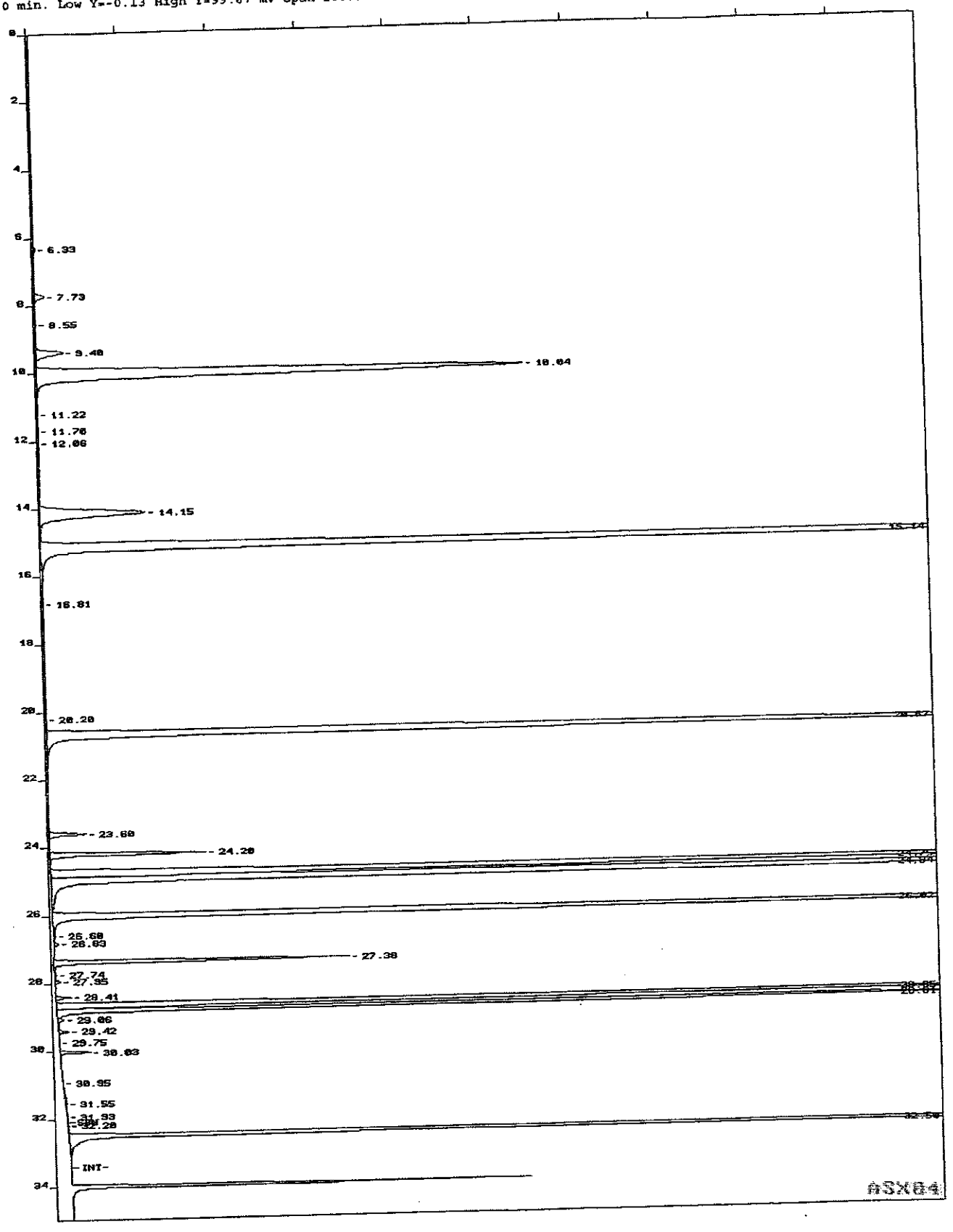
Sample Name: **CALSTD7** 08235A01
Date Acquired: Aug 22, 2008 23:19:28

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 20
Updated from file = C:\CP\DATA1\01235.14A
Amount injected = 1
Standard amount injected = 0
Calibration level = 7 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:14:08

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level =	1								
ADJUSTED C5-C8 ALIPH Max cal level =	1								
UNADJUSTED C9-C12 AL Max cal level =	1								
UNADJUSTED C5-C8 ALI Max cal level =	1								
n-PENTANE	897173	873529	873529	7.748	7.722	7.722	4350.03	3.04%	2.066%
2-METHYLPENTANE	964421	959037	959037	9.428	9.398	9.398	4725.76	6.11%	4.556%
METHYL T-BUTYL ETHER	705838	699817	699817	10.064	10.033	10.033	3630.43	5.11%	3.927%
2,2,4-TMP	853494	853494	853494	14.173	14.142	14.142	4428.60	7.48%	6.417%
BENZENE	1502393	1502393	1502393	15.175	15.138	15.138	7740.37	4.40%	3.435%
SURR-TFT-F Max cal level =	6								
TOLUENE	1471818	1471818	1471818	20.703	20.666	20.666	7471.02	2.34%	1.925%
SURR-1C3FB	18761	18761	18761	23.631	23.595	23.595	419.93	7.74%	6.981%
n-NONANE	1013980	1013980	1013980	24.229	24.199	24.199	4094.17	21.22%	15.532%
ETHYLBENZENE	1424442	1424442	1424442	24.780	24.747	24.747	7219.01	2.23%	1.813%
M,P-XYLENE	2424900	Not found	No change	24.850	Not found	No change			
O-XYLENE	1469045	Not found	No change	26.690	Not found	No change			
n-DECANE	1176170	1176170	1176170	27.398	27.373	27.373	4217.50	28.26%	23.301%
1,2,4-TMB	1341931	1341931	1341931	28.667	28.644	28.644	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	1083764	1083764	1083764	28.832	28.811	28.811	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level =	1								

File=C:\CP\DATA1\01235B.14R Date printed=08-22-2008 Time= 23:19:50
Sample Name=CALSTD7 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.13 High Y=99.87 mv Span=100.0



Sample Name: **CALSTD7**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 22, 2008 23:19:28
Cycle: 14
Analyst: 290
Raw File: C:\CP\DATA1\01235B.14R
Area File: C:\CP\DATA1\01235B.14A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 8)
Last calibration update: 08/22/:8 21:56:22

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.036	10.067	METHYL T-BUTYL ETHER	167.5651	706745	54806
15.140	15.178	BENZENE	166.9844	1769010	226388
16.814	16.852	SURR-TFT-P	0.1911	414	48
20.668	20.706	TOLUENE	167.5208	1529819	232776
23.599	23.634	ISTD-1C3FB	1.0000	21988	4214
24.750	24.783	ETHYLBENZENE	169.4388	1302479	252501
24.943	24.973	M,P-XYLENE	316.9986	2622934	483836
26.017	26.049	O-XYLENE	163.6369	1255802	254388
28.647	28.669	1,2,4-TMB	168.2886	1214238	350191
32.497	32.519	NAPHTHALENE	173.3481	939505	322619

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	491.68723	25.06951%	191.4708E+04	15.4998%

Total slice amount = 491.6872 Total slice area = 1914708
Total slice amount% = 25.06951 Total slice area% = 15.49975

XYLENES (TOTAL)= 480.6354 ug/L

Surrogate Recoveries

Surrogate TFT: 0.38%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD7** **08235A01**
Date Acquired: Aug 22, 2008 23:19:28

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 8
Updated from file = C:\CP\DATA1\01235B.14A
Amount injected = 1
Standard amount injected = 0
Calibration level = 7 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-22-2008 time = 23:20:04

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR	Max cal level =	1							
METHYL T-BUTYL ETHER	714594	706745	706745	10.067	10.036	10.036	0.16	27.45%	14.958%
BENZENE	1784260	1769010	1769010	15.178	15.140	15.140	0.40	25.69%	13.964%
SURR-TFT-P	Max cal level =	6							
TOLUENE	1547994	1529819	1529819	20.706	20.668	20.668	0.34	25.12%	13.779%
ISTD-1C3FB	8278	21988	21988	23.634	23.599	23.599	1.00	[illegible]	[illegible]
ETHYLBENZENE	1301993	1302479	1302479	24.783	24.750	24.750	0.29	23.15%	13.012%

M,P-XYLENE	2657291	2622934	2622934	24.973	24.943	24.943	0.31	13.66%	8.394%
O-XYLENE	1264497	1255802	1255802	26.049	26.017	26.017	0.29	22.10%	12.443%
1,2,4-TMB	1220854	1214238	1214238	28.669	28.647	28.647	0.27	18.80%	10.629%
NAPHTHALENE	935162	939505	939505	32.519	32.497	32.497	0.20	23.46%	13.794%

Internal Standard Calculations From ISTDTRK v. 960910.1443

ISTD-1C3FB **282.9%**

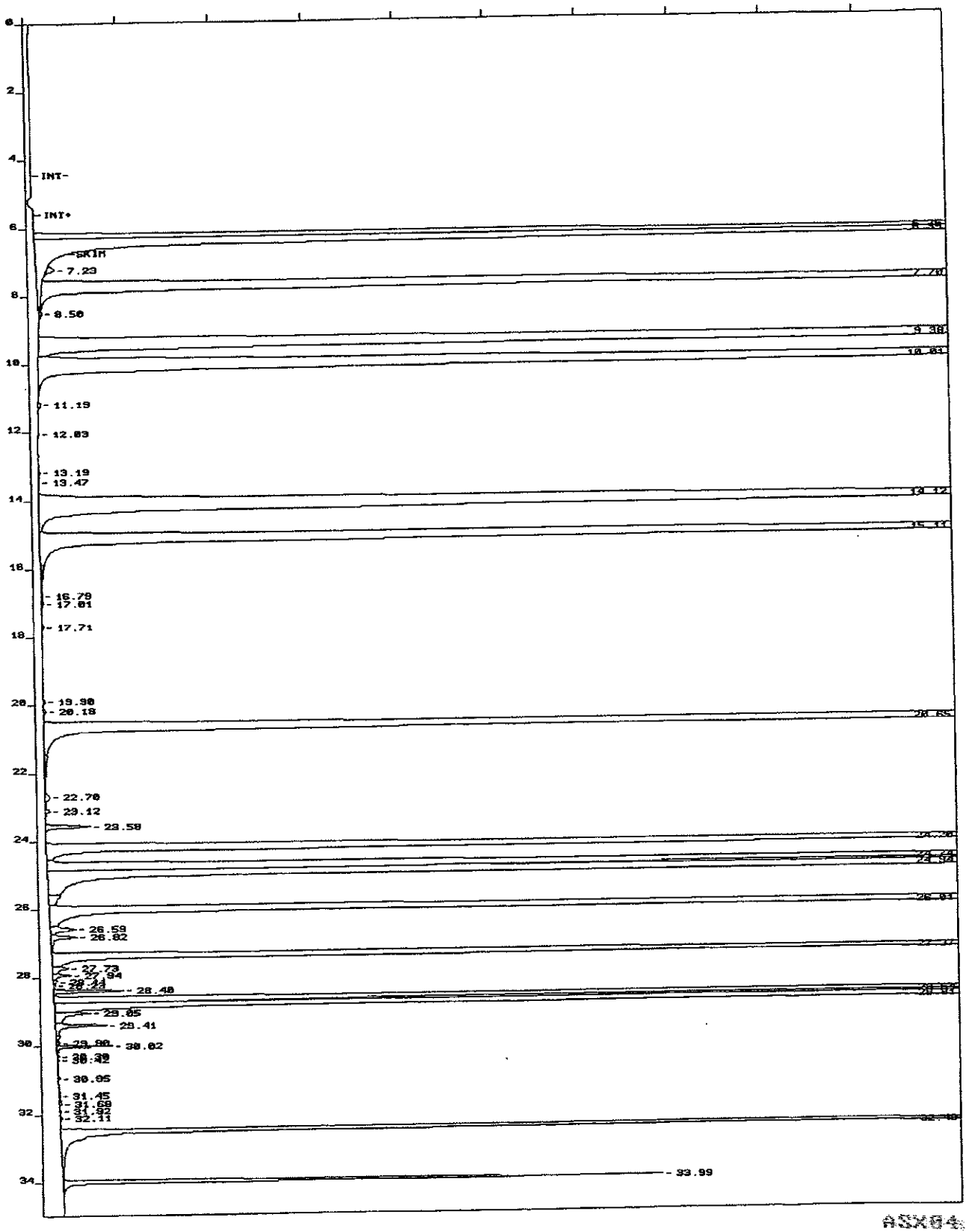
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KO KW Date: 8/25/08

Verified by: MLSM Date: 8/25/08

aSX04 8562

File=C:\CP\DATA1\01235.17R Date printed=08-23-2008 Time= 10:14:09
Sample Name=CALSTD8 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.956 High Y=76.956 mv Span=75.0



ASX04 0568

Sample Name: **CALSTD8**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 01:24:43
Cycle: 17
Analyst: 290
Raw File: C:\CP\DATA1\01235.17R
Area File: C:\CP\DATA1\01235.17A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 21)
Last calibration update: 08/23/:8 10:14:08

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.251	6.251		10115.575	1104660	197773
6.352	6.352		15585.182	1701962	222327
7.228	7.228		56.943	6218	697
7.704	7.704	n-PENTANE	494.004	2148934	247651
8.504	8.504		15.282	1669	169
9.377	9.377	2-METHYLPENTANE	501.466	2369809	230394
10.010	10.010	METHYL T-BUTYL ETH	461.554	1675639	132184
11.187	11.187		21.667	2366	241
12.034	12.034		3.877	423	69
13.185	13.185		6.870	750	108
13.470	13.470		8.532	932	67
14.118	14.118	2,2,4-TMP	443.696	1964951	141575
15.110	15.110	BENZENE	475.341	3679317	474239
16.792	16.792	SURR-TFT-F	0.308	1230	115
17.009	17.009		20.208	2207	160
17.707	17.707		11.497	1255	167
19.896	19.896		13.411	1464	146
20.182	20.182		15.991	1746	211
20.650	20.650	TOLUENE	483.991	3615904	558658
22.699	22.699		49.918	5451	410
23.122	23.122		27.933	3050	413
23.582	23.582	SURR-1C3FB	45.355	19046	3710
24.199	24.199	n-NONANE	712.752	2918129	539062
24.744	24.744	ETHYLBENZENE	485.860	3507432	691845
24.942	24.942		56814.754	62043891	013959
26.009	26.009		32949.969	3598263	739558
26.589	26.589		136.202	14874	2180
26.818	26.818		137.463	15011	2184
27.374	27.374	n-DECANE	729.039	3074726	772454
27.732	27.732		86.641	9461	1321
27.936	27.936	-	69.219	7559	1563
28.110	28.110		15.263	1667	323
28.227	28.227		10.105	1104	198
28.404	28.404		190.369	20789	5753
28.642	28.642	1,2,4-TMB	487.781	3309220	975223
28.811	28.811	n-BUTYLCYCLOHEXANE	678.837	3059149	844865
29.053	29.053		207.131	22620	2950
29.407	29.407		204.553	22338	4310
29.899	29.899		10.983	1199	285
30.020	30.020		139.489	15233	4633
30.297	30.297		8.065	881	243
30.417	30.417		6.731	735	220
30.945	30.945		8.458	924	200
31.453	31.453		17.011	1858	136
31.685	31.685		16.382	1789	246
31.922	31.922		8.860	968	177
32.115	32.115		12.767	1394	215
32.489	32.489		17289.295	1888057	663538
33.992	33.992		1547.374	168979	51597

RSX04 8569

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.66	24.15	3,100.89868	2.18620%	154.9614E+05	33.5576%
2	24.16	32.45	94,144.69531	66.37389%	258.1171E+05	55.8965%

Total slice amount = 97245.59 Total slice area = 4.130786E+07
Total slice amount% = 68.56009 Total slice area% = 89.45407

Surrogate Recoveries

Surrogate 1C3FB: 90.7%
Surrogate TFT: 0.6%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: KMS #KW Date: 8/25/08

Verified by: MCSMS Date: 8/25/08

Sample Name: **CALSTD8** **08235A01**
Date Acquired: Aug 23, 2008 01:24:43

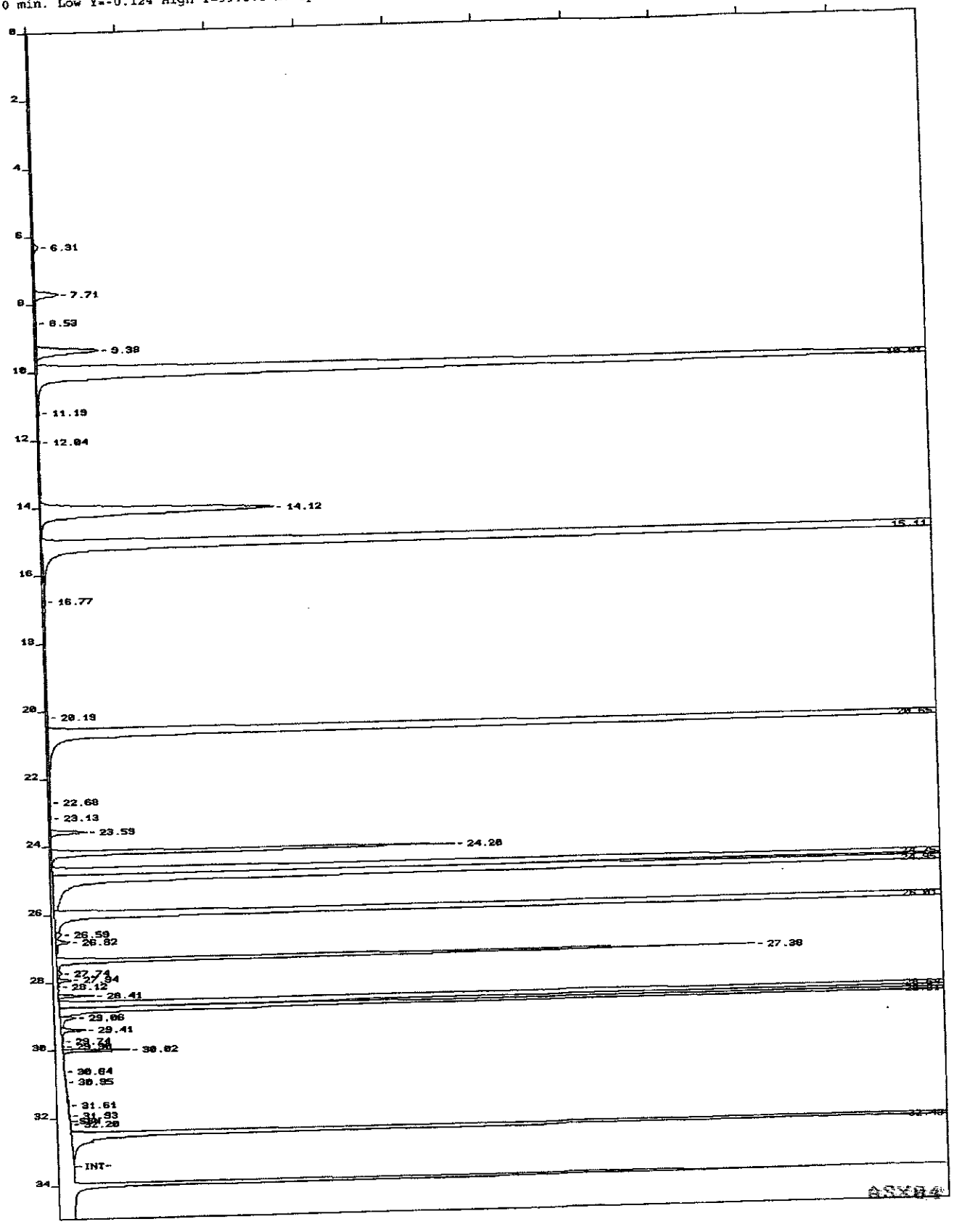
ASX04 0578

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAF.CAL Current version number = 21
Updated from file = C:\CP\DATA1\01235.17A
Amount injected = 1
Standard amount injected = 0
Calibration level = 8 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 10:14:27

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
ADJUSTED C9-C12 ALIP Max cal level = 1									
ADJUSTED C5-C8 ALIPH Max cal level = 1									
UNADJUSTED C9-C12 AL Max cal level = 1									
UNADJUSTED C5-C8 ALI Max cal level = 1									
n-PENTANE	2165235	2148934	2148934	7.722	7.704	7.704	4341.88	3.11%	2.252%
2-METHYLPENTANE	2369809	2369809	2369809	9.398	9.377	9.377	4725.76	6.11%	4.556%
METHYL T-BUTYL ETHER	1675639	1675639	1675639	10.033	10.010	10.010	3630.43	5.11%	3.927%
2,2,4-TMP	1964951	1964951	1964951	14.142	14.118	14.118	4428.60	7.48%	6.417%
BENZENE	3679317	3679317	3679317	15.138	15.110	15.110	7740.37	4.40%	3.435%
SURR-TFT-F	Max cal level = 6								
TOLUENE	3615904	3615904	3615904	20.666	20.650	20.650	7471.02	2.34%	1.925%
SURR-1C3FB	19046	19046	19046	23.595	23.582	23.582	419.93	7.74%	6.981%
n-NONANE	2918129	2918129	2918129	24.199	24.199	24.199	4094.17	21.22%	15.532%
ETHYLBENZENE	3507432	3507432	3507432	24.747	24.744	24.744	7219.01	2.23%	1.813%
M,P-XYLENE	5555558	Not found	No change	24.850	Not found	No change			
O-XYLENE	3500013	Not found	No change	26.690	Not found	No change			
n-DECANE	3074726	3074726	3074726	27.373	27.374	27.374	4217.50	28.26%	23.301%
1,2,4-TMB	3309220	3309220	3309220	28.644	28.642	28.642	6784.24	2.12%	1.713%
n-BUTYLCYCLOHEXANE	3059149	3059149	3059149	28.811	28.811	28.811	4506.46	17.88%	13.161%
TOTAL-P-HYDROCARBONS Max cal level = 1									

File=C:\CP\DATA1\01235B.17R Date printed=08-23-2008 Time= 01:25:06
Sample Name=CALSTD8 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.124 High Y=99.876 mv Span=100.0



ASX04 0572

Sample Name: **CALSTD8**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 01:24:43
Cycle: 17
Analyst: 290
Raw File: C:\CP\DATA1\01235B.17R
Area File: C:\CP\DATA1\01235B.17A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 9)
Last calibration update: 08/22/:8 23:20:02

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.012	10.036	METHYL T-BUTYL ETHER	475.7210	1628710	127017
15.109	15.140	BENZENE	461.3909	3973936	493400
16.765	16.852	SURR-TFT-P	0.1697	362	51
20.651	20.668	TOLUENE	457.8587	3393330	486856
23.585	23.599	ISTD-1C3FB	1.0000	21674	4142
24.746	24.750	ETHYLBENZENE	442.1151	2762910	495747
24.946	24.943	M,P-XYLENE	755.5720	5130415	872222
26.012	26.017	O-XYLENE	435.5060	2730355	511851
28.645	28.647	1,2,4-TMB	415.7352	2437302	638089
32.492	32.497	NAPHTHALENE	440.8813	1935921	606299

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.17	32.45	1,229.15796	24.37920%	417.4018E+04	15.7729%

Total slice amount = 1229.158 Total slice area = 4174018
Total slice amount% = 24.3792 Total slice area% = 15.77288

XYLENES (TOTAL)= 1191.0780 ug/L

Surrogate Recoveries

Surrogate TFT: 0.34%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **CALSTD8** **08235A01**
Date Acquired: Aug 23, 2008 01:24:43

CALIBRATION UPDATE REPORT

Calibration file = C:\CP\DATA1\01235MAP.CAL Current version number = 9
Updated from file = C:\CP\DATA1\01235B.17A
Amount injected = 1
Standard amount injected = 0
Calibration level = 8 Replace old values with new
Number of runs since last replace = 0
Update to both retention time and area
Today's Date = 08-23-2008 time = 01:25:20

Compound	Old Height or Area	Measured Height or Area	New Height or Area	Old Ret. Time	Measured Ret. Time	New Ret. Time	Average Area/Amt	%RSD	Average % Error
C9-C10 AROMATIC HYDR	Max cal level =	1							
METHYL T-BUTYL ETHER	1622206	1628710	1628710	10.036	10.012	10.012	0.14	6.26%	4.907%
BENZENE	3963109	3973936	3973936	15.140	15.109	15.109	0.36	6.67%	5.588%
SURR-TFT-P	Max cal level =	6							
TOLUENE	3387942	3393330	3393330	20.668	20.651	20.651	0.31	5.88%	4.281%
ISTD-1C3FB	12329	21674	21674	23.599	23.585	23.585	1.00	0.00%	0.000%
ETHYLBENZENE	2765668	2762910	2762910	24.750	24.746	24.746	0.26	6.25%	4.596%

M,P-XYLENE	5076110	5130415	5130415	24.943	24.946	24.946	0.29	9.32%	6.783%
O-XYLENE	2707967	2730355	2730355	26.017	26.012	26.012	0.27	7.92%	6.795%
1,2,4-TMB	2413933	2437302	2437302	28.647	28.645	28.645	0.25	6.86%	5.494%
NAPHTHALENE	1949141	1935921	1935921	32.497	32.492	32.492	0.19	6.84%	4.359%

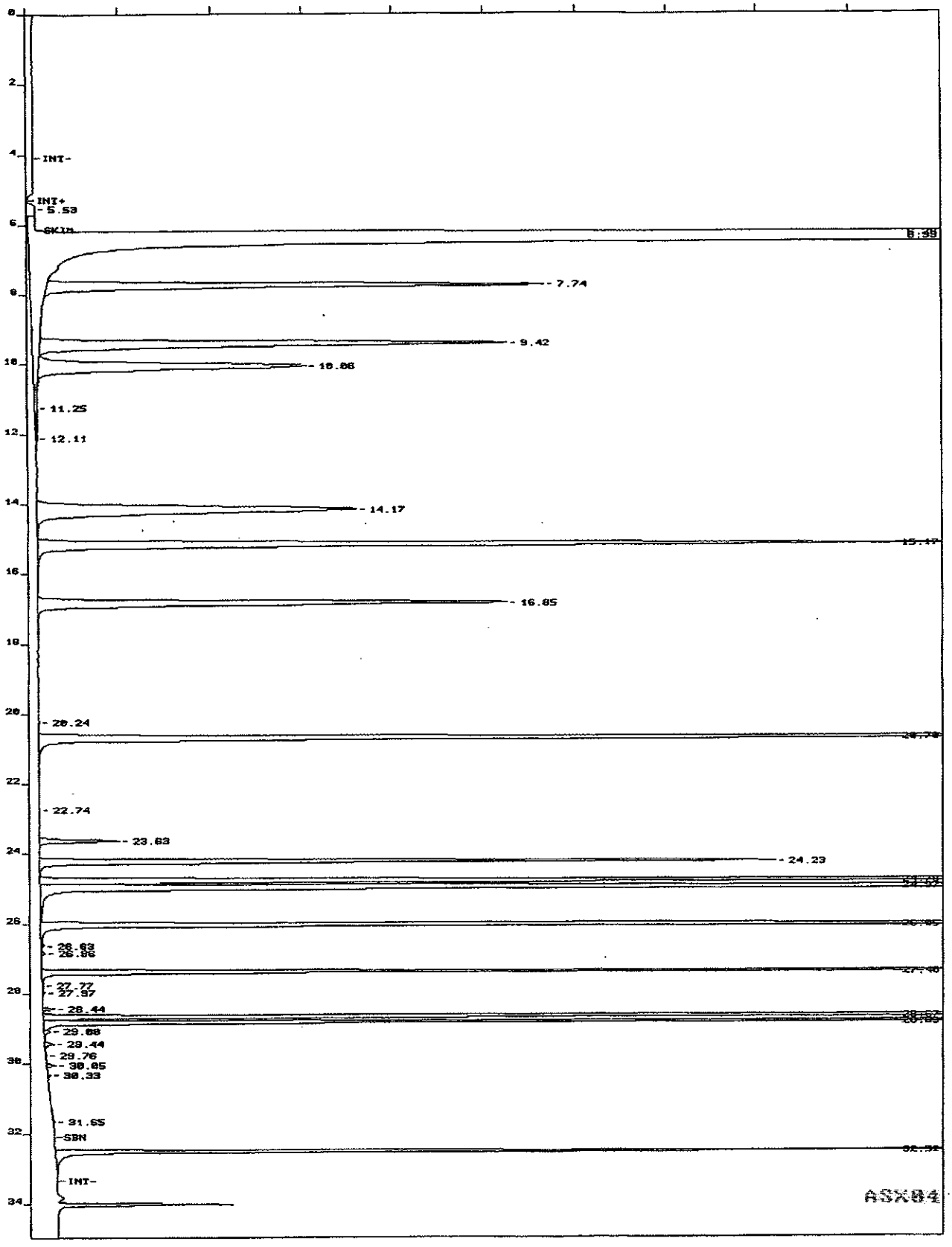
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB **278.9%**

Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KKO #40 Date: 8/25/08

Verified by: MCSNIS Date: 8/25/08

File=C:\CP\DATA1\01235.22R Date printed=08-23-2008 Time= 12:03:43
Sample Name=CHKSTD 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.902 High Y=51.902 mv Span=50.0



ASX84 8576

Sample Name: **CHKSTD** **08235A01A**

Analyses: 8754 5869 8765 5988

Date acquired: Aug 23, 2008 11:57:08 **Dil. Factor: 1**
Cycle: 22
Analyst: 290
Raw File: C:\CP\DATA1\01235.22R
Area File: C:\CP\DATA1\01235.22A
Method File: C:\CP\DATA1\01MACHK.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 26)
Last calibration update: 08/23/:8 11:59:42

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	%-100
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	%-100
0.000	0.000	UNADJUSTED C9-C12	0.000	0	%-100
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	%-100
7.745	7.745	n-PENTANE	50.137	241133	0.3
9.422	9.422	2-METHYLPENTANE	55.283	261253	10.6
10.059	10.059	METHYL T-BUTYL ETH	52.343	190027	4.7
14.169	14.169	2,2,4-TMP	54.925	243241	9.8
15.171	15.171	BENZENE	51.345	397431	2.7
16.846	16.846	SURR-TFT-F	56.314	224512	12.6
20.701	20.701	TOLUENE	52.592	392919	5.2
23.631	23.631	SURR-1C3FB	53.462	22450	6.9
24.229	24.229	n-NONANE	52.452	214747	4.9
24.779	24.779	ETHYLBENZENE	53.084	383216	6.2
24.970	24.970	M,P-XYLENE	110.129	775006	10.1
26.046	26.046	O-XYLENE	54.829	399233	9.7
27.398	27.398	n-DECANE	54.157	213461	8.3
28.667	28.667	1,2,4-TMB	54.218	367829	8.4
28.833	28.833	n-BUTYLCYCLOHEXANE	51.143	230474	2.3
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	%-100

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.64	24.13	436.17114	1.28985%	197.4033E+04	24.2028%
2	24.13	32.42	543.68402	1.60778%	259.6378E+04	31.8331%

Total slice amount = 979.8552 Total slice area = 4570411
Total slice amount% = 2.897628 Total slice area% = 56.03591

Current Aliphatic Range Windows:
C5-C8: 7.645 - 24.129
C9-C12: 24.130 - 32.421

Note: Acceptable %D for each component: +/- 25%

Surrogate Recoveries
Surrogate 1C3FB: 106.9%
Surrogate TFT: 112.6%

Sample Name: **CHKSTD** **08235A01**
Date Acquired: Aug 23, 2008 11:57:08
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKFID.FMT

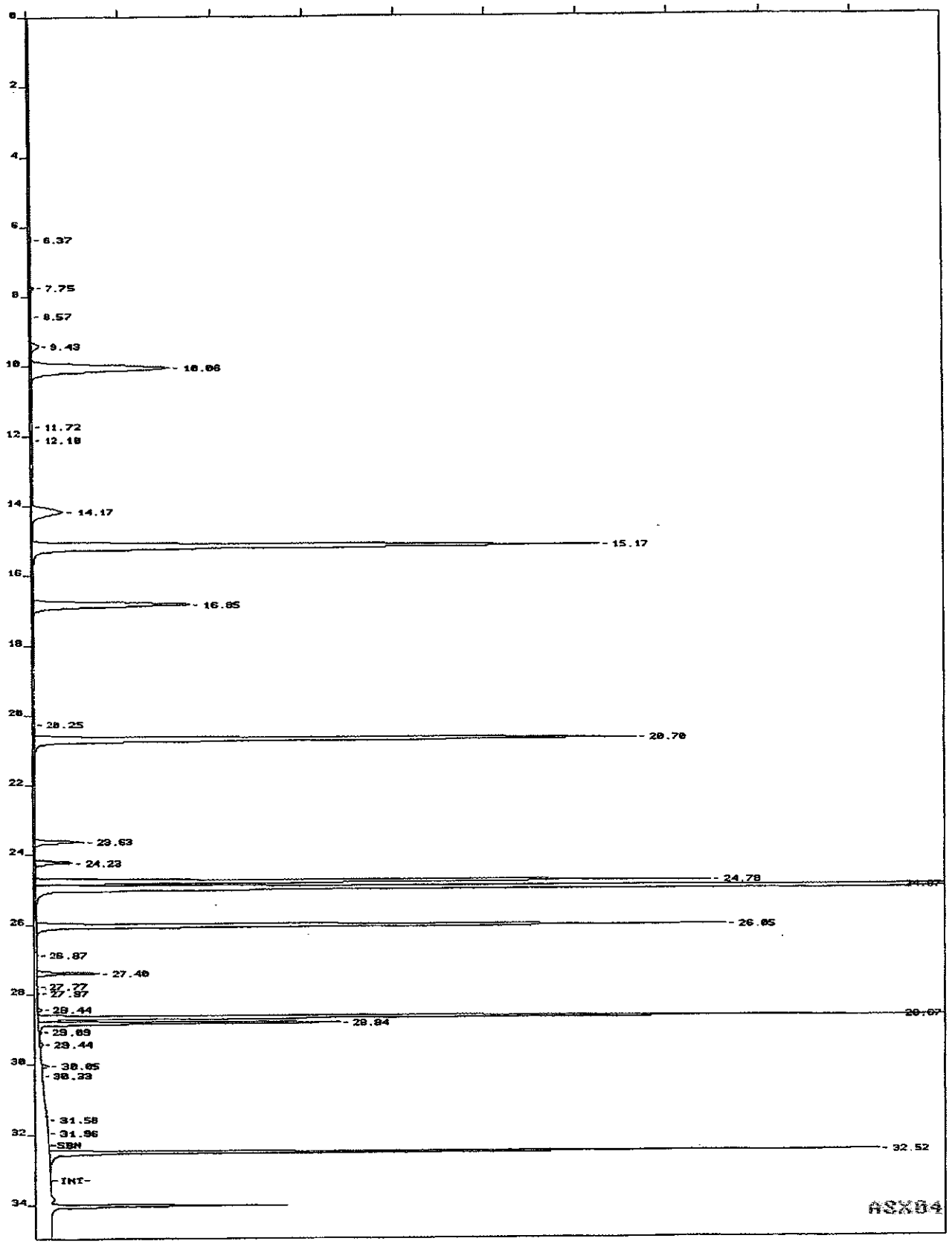
Reviewed by: _____ Date: 8/25/08

Verified by: _____ Date: 8/25/08

Calibration File C:\CP\DATA1\01235MAF.CAL
Retention Times Updated 08-23-2008 12:03:57
Data File: Acquired 08/23/2008 11:57:08
Version 26 archived: New version is 27
Version 26 saved as: C:\CP\ARCHIVE\01235M26.CAL

Compound Name	Old R.T.	New R.T.
ADJUSTED C9-C12 ALIP	was not updated because it was not found!	
ADJUSTED C5-C8 ALIPH	was not updated because it was not found!	
UNADJUSTED C9-C12 AL	was not updated because it was not found!	
UNADJUSTED C5-C8 ALI	was not updated because it was not found!	
n-PENTANE	7.744947	7.744947
2-METHYLPENTANE	9.421549	9.421549
METHYL T-BUTYL ETHER	10.058723	10.058723
2,2,4-TMP	14.169116	14.169116
BENZENE	15.170845	15.170845
SURR-TFT-F	16.846373	16.846373
TOLUENE	20.701067	20.701067
SURR-1C3FB	23.631193	23.631193
n-NONANE	24.228943	24.228943
ETHYLBENZENE	24.779171	24.779171
M,P-XYLENE	24.969999	24.969751
O-XYLENE	26.049999	26.046396
n-DECANE	27.398241	27.398241
1,2,4-TMB	28.666983	28.666983
n-BUTYLCYCLOHEXANE	28.833153	28.833153
TOTAL-P-HYDROCARBONS	was not updated because it was not found!	

File=C:\CP\DATA1\01235B.22R Date printed=08-23-2008 Time= 12:03:58
Sample Name=CHKSTD 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.133 High Y=99.867 mv Span=100.0



ASX04 0579

Sample Name: **CHKSTD**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 11:57:08
Cycle: 22
Analyst: 290
Raw File: C:\CP\DATA1\01235B.22R
Area File: C:\CP\DATA1\01235B.22A
Method File: C:\CP\DATA1\01MACHKB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 12)
Last calibration update: 08/23/:8 12:00:20

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	%-100
10.063	10.060	METHYL T-BUTYL ETHER	48.7077	198320	-2.6
15.174	15.174	BENZENE	48.0341	493330	-3.9
16.850	16.850	SURR-TFT-P	54.1097	150867	8.2
20.704	20.704	TOLUENE	49.1712	434759	-1.7
23.635	23.635	ISTD-1C3FB	1.0000	28304	0.0
24.782	24.782	ETHYLBENZENE	50.1213	374689	0.2
24.973	24.973	M,P-XYLENE	103.2683	851752	3.3
26.050	26.050	O-XYLENE	49.1735	369998	-1.7
28.670	28.670	1,2,4-TMB	51.7179	365451	3.4
32.521	32.521	NAPHTHALENE	53.1600	278961	6.3

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.15	32.42	110.98914	18.54380%	530.7092E+03	14.0696%

Total slice amount = 110.9891 Total slice area = 530709.2
Total slice amount% = 18.5438 Total slice area% = 14.06963

Current Aromatic Range Windows:
C9-C10: 26.150 32.421

Surrogate Recoveries
Surrogate TFT: 108.22%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKPID.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 100.0%

Check standard used in calculating percentage: C:\CP\DATA1\01235B.22A

Entered by: KS [illegible] Date: 8/25/08

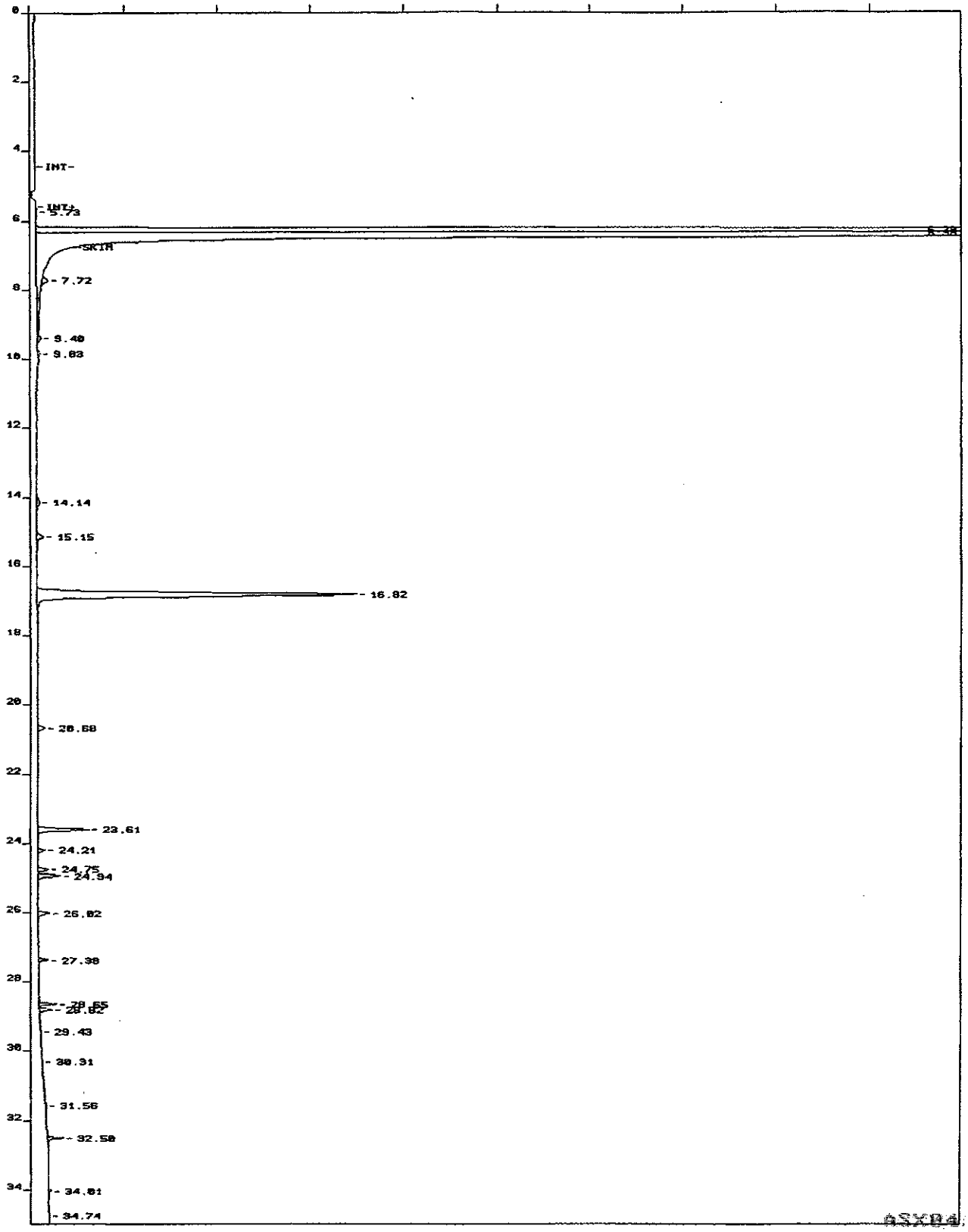
Verified by: [illegible] Date: 8/25/08

ASX04 0588

Calibration File C:\CP\DATA1\01235MAP.CAL
Retention Times Updated 08-23-2008 12:04:12
Data File: Acquired 08/23/2008 11:57:08
Version 12 archived: New version is 13
Version 12 saved as: C:\CP\ARCHIVE\01235M12.CAL

Compound Name	Old R.T.	New R.T.
C9-C10 AROMATIC HYDR was not updated because it was not found!		
METHYL T-BUTYL ETHER	10.060000	10.062527
BENZENE	15.173960	15.173960
SURR-TFT-P	16.849583	16.849583
TOLUENE	20.704191	20.704191
ISTD-1C3FB	23.634600	23.634600
ETHYLBENZENE	24.782263	24.782263
M,P-XYLENE	24.972607	24.972607
O-XYLENE	26.049540	26.049540
1,2,4-TMB	28.669743	28.669743
NAPHTHALENE	32.521439	32.521439

File=C:\CP\DATA1\01235.25R Date printed=08-24-2008 Time= 08:05:34
Sample Name=DLS0101 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.849 High Y=76.849 mv Span=75.0



ASX04 0582

Sample Name: **DLS0101**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 14:22:01
Cycle: 25
Analyst: 290
Raw File: C:\CP\DATA1\01235.25R
Area File: C:\CP\DATA1\01235.25A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 27)
Last calibration update: 08/23/:8 12:03:56

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
5.730	5.730		6.318	690	74
6.276	6.276		7973.251	870710	167438
6.380	6.380		15254.967	1665901	203400
7.724	7.724	n-PENTANE	0.831	3995	478
9.399	9.399	2-METHYLPENTANE	0.484	2286	247
9.835	9.835		10.302	1125	149
14.145	14.145	2,2,4-TMP	0.658	2916	217
15.148	15.148	BENZENE	0.624	4830	536
16.821	16.821	SURR-TFT-F	56.320	224537	25725
20.677	20.677	TOLUENE	0.552	4126	634
23.607	23.607	SURR-1C3FB	52.054	21859	4187
24.205	24.205	n-NONANE	0.785	3214	590
24.754	24.754	ETHYLBENZENE	0.615	4442	866
24.945	24.945	M,P-XYLENE	1.309	9214	1804
26.023	26.023	O-XYLENE	0.690	5024	969
27.379	27.379	n-DECANE	0.812	3199	795
28.650	28.650	1,2,4-TMB	0.717	4864	1407
28.816	28.816	n-BUTYLCYCLOHEXANE	0.860	3877	1009
29.434	29.434		5.174	565	48
30.314	30.314		1.939	212	39
31.557	31.557		26.426	2886	110
32.503	32.503		47.636	5202	1307
34.013	34.013		11.577	1264	234
34.740	34.740		3.503	382	21

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.64	24.13	121.82599	0.51933%	265.6746E+03	9.3307%
2	24.13	32.42	39.32705	0.16765%	374.9628E+02	1.3169%

Total slice amount = 161.153 Total slice area = 303170.8
Total slice amount% = .6869736 Total slice area% = 10.64758

Surrogate Recoveries

Surrogate 1C3FB: 104.1%
Surrogate TFT: 112.6%

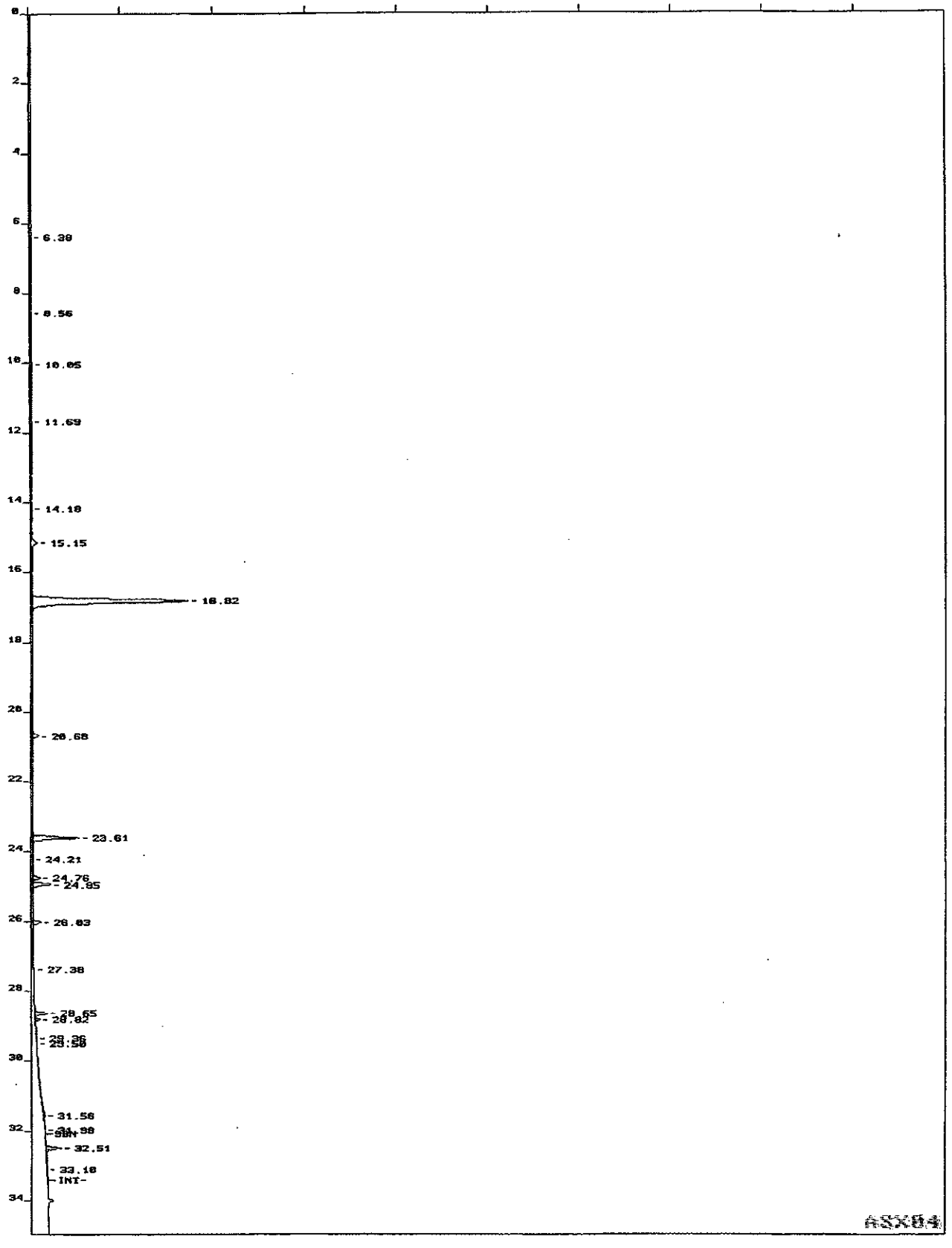
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: [illegible] Date: 8/25/08

Verified by: [illegible] Date: [illegible]

Sample Name: **DLS0101** **08235A01** ASX04 8583
Date Acquired: Aug 23, 2008 14:22:01

File=C:\CP\DATA1\01235B.25R Date printed=08-24-2008 Time= 08:05:54
Sample Name=DLS0101 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.133 High Y=99.867 mv Span=100.0



Sample Name: **DLS0101**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 14:22:01
Cycle: 25
Analyst: 290
Raw File: C:\CP\DATA1\01235B.25R
Area File: C:\CP\DATA1\01235B.25A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 13)
Last calibration update: 08/23/:8 12:04:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.052	10.063	METHYL T-BUTYL ETHER	0.5293	2108	148
15.154	15.174	BENZENE	0.5191	5214	609
16.824	16.850	SURR-TFT-P	54.9894	149941	17226
20.682	20.704	TOLUENE	0.5297	4581	690
23.611	23.635	ISTD-1C3FB	1.0000	27681	5210
24.758	24.782	ETHYLBENZENE	0.6062	4432	848
24.948	24.973	M,P-XYLENE	1.3160	10616	2056
26.027	26.050	O-XYLENE	0.7435	5471	938
28.653	28.670	1,2,4-TMB	0.7205	4979	1399
32.506	32.521	NAPHTHALENE	1.4829	7610	1760

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.15	32.42	3.77026	5.71632%	132.9508E+02	6.4142%

Total slice amount = 3.770264 Total slice area = 13295.08
Total slice amount% = 5.71632 Total slice area% = 6.414227

XYLENES (TOTAL) = 2.0596 ug/L

Surrogate Recoveries

Surrogate TFT: 109.98%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **DLS0101** **08235A01**
Date Acquired: Aug 23, 2008 14:22:01

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 97.8%

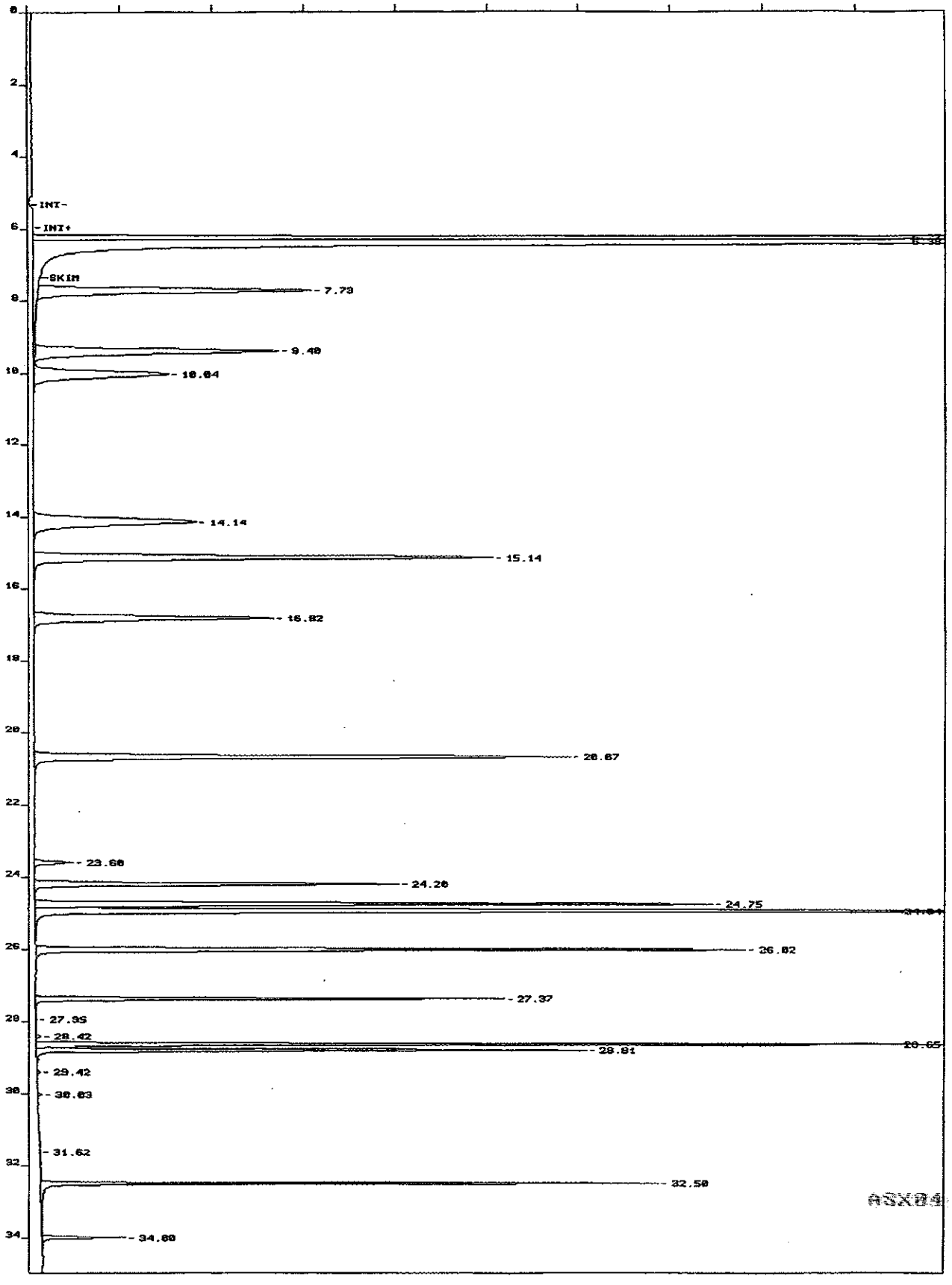
Check standard used in calculating percentage: C:\CP\DATA1\01235B.22A

Entered by: KS RW Date: 8/25/08

Verified by: MCS MW Date: 8/25/08

ASX04 0585

File=C:\CP\DATA1\01235.26R Date printed=08-24-2008 Time= 08:46:30
Sample Name=LCS0101 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=1.825 High Y=101.825 mv Span=100.0



ASX04 0586

Sample Name: **LCS0101**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 15:03:50
Cycle: 26
Analyst: 290
Raw File: C:\CP\DATA1\01235.26R
Area File: C:\CP\DATA1\01235.26A
Method File: C:\CP\DATA1\01LCS.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 3
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 27)
Last calibration update: 08/23/:8 12:03:56

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	0
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	0
0.000	0.000	UNADJUSTED C9-C12	0.000	0	0
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	0
7.727	7.727	n-PENTANE	54.212	260729	29976
9.404	9.404	2-METHYLPENTANE	56.526	267130	26553
10.040	10.040	METHYL T-BUTYL ETH	51.872	188319	14609
14.142	14.142	2,2,4-TMP	55.570	246097	17750
15.143	15.143	BENZENE	50.622	391831	50626
16.816	16.816	SURR-TFT-F	56.654	225868	26034
20.671	20.671	TOLUENE	51.236	382782	58958
23.602	23.602	SURR-1C3FB	52.358	21987	4289
24.201	24.201	n-NONANE	50.891	208357	39727
24.750	24.750	ETHYLBENZENE	51.827	374142	74257
24.941	24.941	M,P-XYLENE	105.977	745790	149607
26.018	26.018	O-XYLENE	51.847	377525	77826
27.375	27.375	n-DECANE	53.538	211022	53471
28.646	28.646	1,2,4-TMB	51.646	350382	104302
28.812	28.812	n-BUTYLCYCLOHEXANE	49.294	222142	61203
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	0

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	5.75	22.23	23,817.80859	89.75787%	452.2617E+04	62.1262%
2	22.24	31.31	528.51355	1.99171%	251.8023E+04	34.5896%

Total slice amount = 24346.32 Total slice area = 7040640
Total slice amount% = 91.74958 Total slice area% = 96.71581

Surrogate Recoveries

Surrogate 1C3FB: 104.72%
Surrogate TFT: 113.31%

C5-C8 Aliphatic total = 166.31 (expected value = 150)
C9-C12 Aliphatic total = 153.72 (expected value = 150)

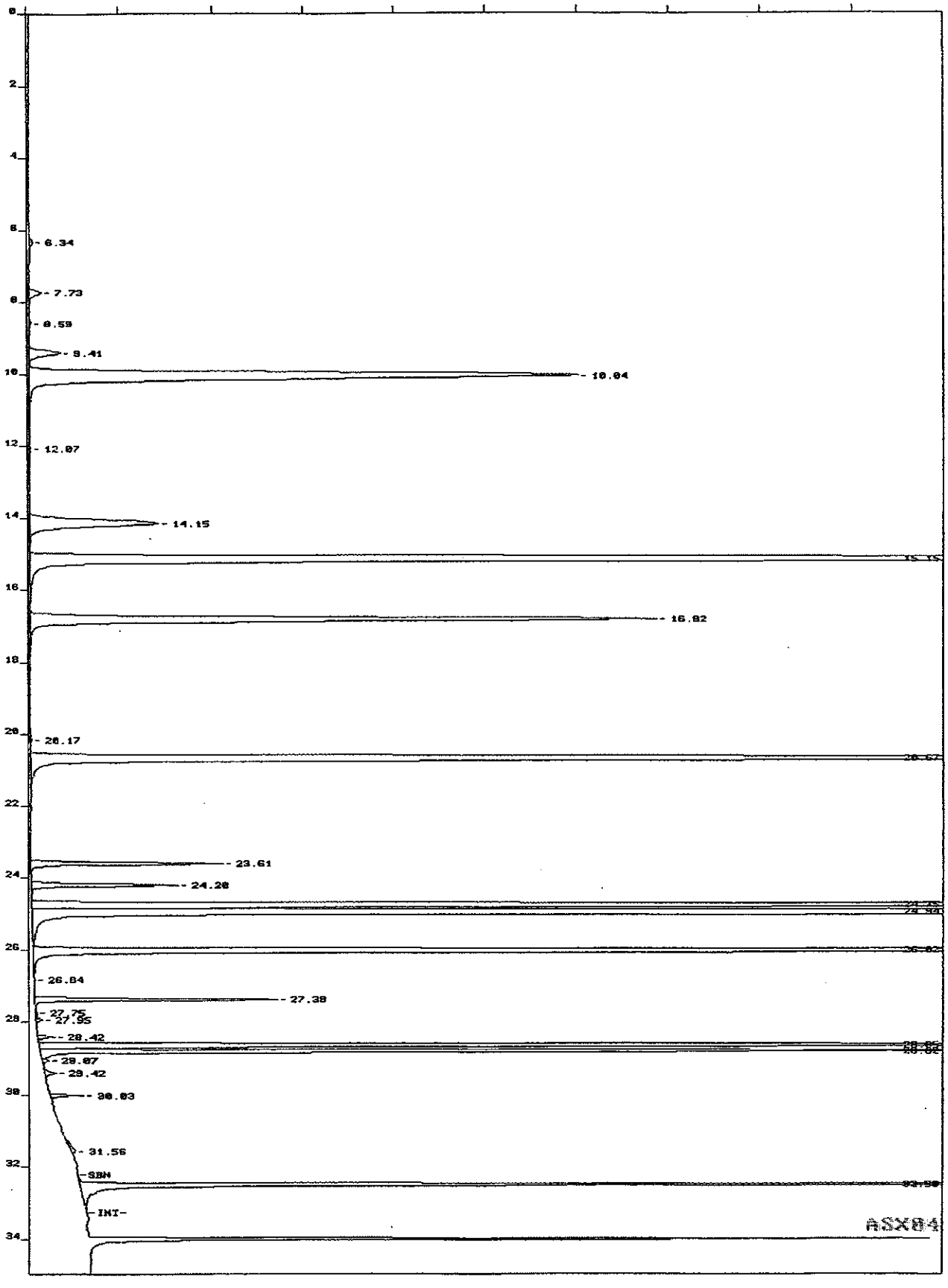
Sample Name: **LCS0101** **08235A01**
Date Acquired: Aug 23, 2008 15:03:50
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: 15 [illegible] Date: 8/25/08

Verified by: [illegible] Date: [illegible]

ASX04[illegible]0587

File=C:\CP\DATA1\01235B.26R Date printed=08-24-2008 Time= 08:46:45
Sample Name=LCS0101 08235A01A8754 5869 8765 5988
0.0 to 35.0 min. Low Y=-0.022 High Y=24.978 mv Span=25.0



ASX84 8588

Sample Name: **LCS0101**

08235A01A
Analyses: 8754 5869 8765 5988
Dil. Factor: 1

Date acquired: Aug 23, 2008 15:03:50
Cycle: 26
Analyst: 290
Raw File: C:\CP\DATA1\01235B.26R
Area File: C:\CP\DATA1\01235B.26A
Method File: C:\CP\DATA1\01LCSB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 13)
Last calibration update: 08/23/:8 12:04:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.044	10.063	METHYL T-BUTYL ETHER	49.3907	195304	15072
15.146	15.174	BENZENE	48.2909	481672	61783
16.820	16.850	SURR-TFT-P	55.5935	150536	17227
20.674	20.704	TOLUENE	48.9796	420583	64376
23.605	23.635	ISTD-1C3FB	1.0000	27488	5255
24.753	24.782	ETHYLBENZENE	50.1294	363947	71672
24.944	24.973	M,P-XYLENE	102.0881	817746	162249
26.021	26.050	O-XYLENE	47.8505	349666	71462
28.649	28.670	1,2,4-TMB	50.1224	343968	101402
32.499	32.521	NAPHTHALENE	51.2980	261430	89681

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	24.29	31.35	307.14481	51.79542%	202.9548E+04	55.9639%

Total slice amount = 307.1448 Total slice area = 2029548
Total slice amount% = 51.79542 Total slice area% = 55.96389

XYLENES (TOTAL) = 149.9386 ug/L

Surrogate Recoveries

Surrogate TFT: 111.19%

C9-C10 Aromatic total = 50.12 (expected value = 50)
C5-C8 Aromatic total = 146.66 (expected value = 150)
C9-C12 Aromatic total = 250.19 (expected value = 250)

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSP.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 97.1%

Check standard used in calculating percentage: C:\CP\DATA1\01235B.22A

Entered by: [illegible] Date: 8/25/08

Verified by: [illegible] Date: [illegible]

8SX84 8589

5890-1
Analysis Runlog
Printed 09/07/08 at 10:30

File	Sample	DF	Date	Time	SDG	RT	Batch	U'd	V'd	Comments	Scans
A1238.22R	CHKSTD	1	09/04/08	11:54			08248A01A				8754
A1238B.22R	CHKSTD	1	09/04/08	11:54			08248A01A				8754
01248.03R	CBLK	1	09/04/08	12:53			08248A01A				8754
01248B.03R	CBLK	1	09/04/08	12:53			08248A01A				8754
01248.04R	BLK0112	1	09/04/08	13:35			08248A01A	X			8754
01248B.04R	BLK0112	1	09/04/08	13:35			08248A01A	X			8754
01248.05R	DLS0112	1	09/04/08	14:17			08248A01A				8754
01248B.05R	DLS0112	1	09/04/08	14:17			08248A01A				8754
01248.06R	LCS0112	1	09/04/08	14:59			08248A01A	X			8754
01248B.06R	LCS0112	1	09/04/08	14:59			08248A01A	X			8754
01248.07R	LDS0112	1	09/04/08	15:41			08248A01A	X			8754
01248B.07R	LDS0112	1	09/04/08	15:41			08248A01A	X			8754
01248.08R	CBLK	1	09/04/08	16:23			08248A01A				8754
01248B.08R	CBLK	1	09/04/08	16:23			08248A01A				8754
01248.09R	5452895	1	09/04/08	17:05		0	08248A01A	X			8754
01248B.09R	5452895	1	09/04/08	17:05		0	08248A01A	X			8754
01248.10R	5454429	1	09/04/08	17:47	ASX04	0	08248A01A	X			8754
01248B.10R	5454429	1	09/04/08	17:47	ASX04	0	08248A01A	X			8754
01248.11R	5454450	1	09/04/08	18:29	ASX05	0	08248A01A	X			8754
01248B.11R	5454450	1	09/04/08	18:29	ASX05	0	08248A01A	X			8754
01248.12R	5454470	1	09/04/08	19:11	ASX06	0	08248A01A	X			8754
01248B.12R	5454470	1	09/04/08	19:11	ASX06	0	08248A01A	X			8754
01248.13R	5452891	1	09/04/08	19:53		0	08248A01A	X			8754
01248B.13R	5452891	1	09/04/08	19:53		0	08248A01A	X			8754
01248.14R	5452889	1	09/04/08	20:35		0	08248A01A	X			8754
01248B.14R	5452889	1	09/04/08	20:35		0	08248A01A	X			8754
01248.15R	5452892	10	09/04/08	21:17		0	08248A01A				8754
01248B.15R	5452892	10	09/04/08	21:17		0	08248A01A				8754
01248.16R	5452893	20	09/04/08	21:59		0	08248A01A	X			8754
01248B.16R	5452893	20	09/04/08	21:59		0	08248A01A	X			8754
01248.17R	5452894	5	09/04/08	22:41		0	08248A01A				8754
01248B.17R	5452894	5	09/04/08	22:41		0	08248A01A	X			8754
01248.18R	5452894	R 1	09/04/08	23:23		0	08248A01A	X			8754
01248B.18R	5452894	R 1	09/04/08	23:23		0	08248A01A	X			8754
01248.19R	CBLK	1	09/05/08	00:05			08248A01A				8754
01248B.19R	CBLK	1	09/05/08	00:05			08248A01A				8754
01248.20R	CBLK	1	09/05/08	00:47			08248A01A				8754
01248B.20R	CBLK	1	09/05/08	00:47			08248A01A				8754
01248.21R	CBLK	1	09/05/08	01:29			08248A01A				8754
01248B.21R	CBLK	1	09/05/08	01:29			08248A01A				8754
01248.22R	5454469	E 1	09/05/08	02:11	ASX06	0	08248A01A	X			8754
01248B.22R	5454469	E 1	09/05/08	02:11	ASX06	0	08248A01A	X			8754
01248.23R	CBLK	1	09/05/08	07:24			08248A01A				8754
01248B.23R	CBLK	1	09/05/08	07:24			08248A01A				8754
01248.24R	5452889	R 5	09/05/08	08:05		0	08248A01A				8754

* = QC Summary Required

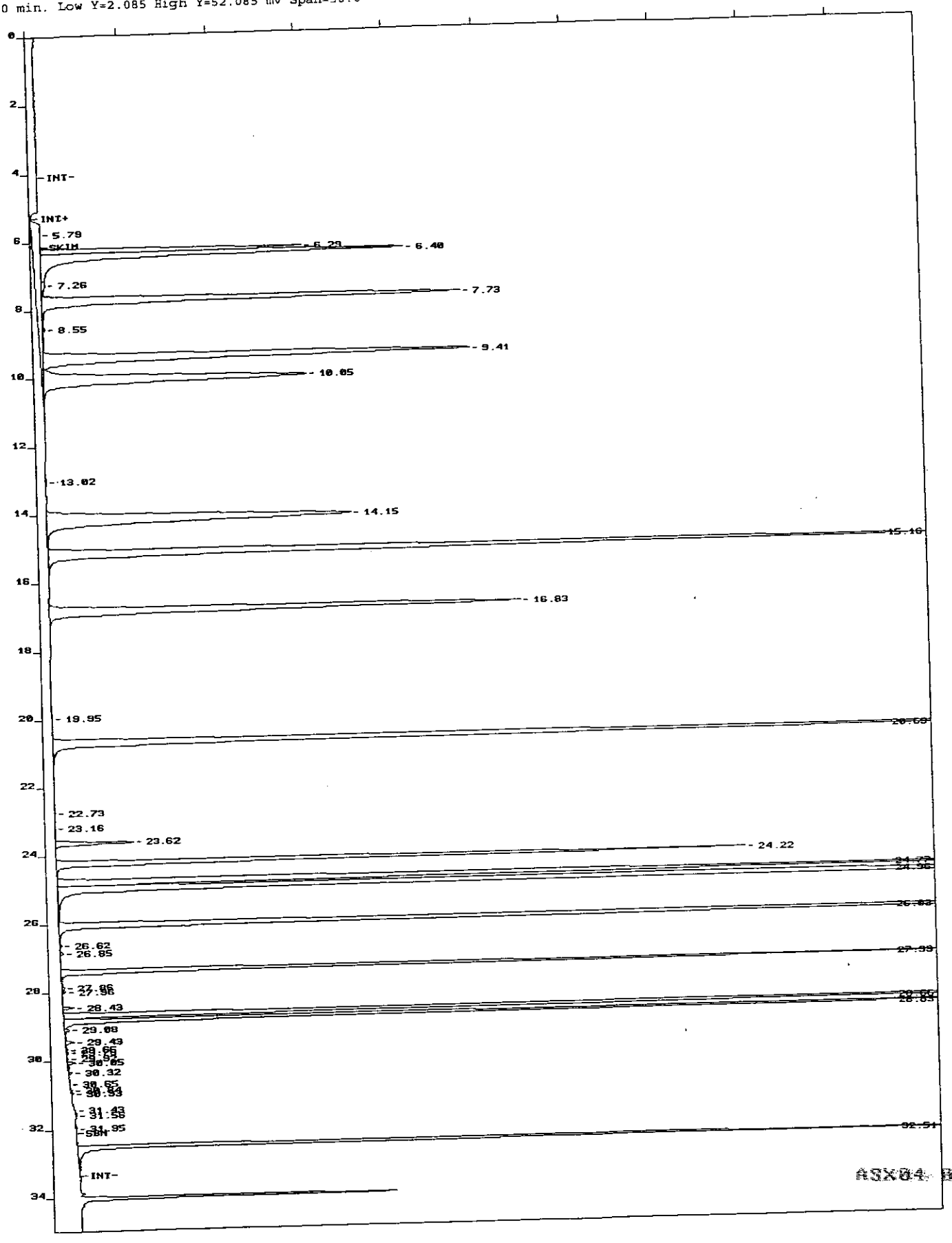
5890-1
Analysis Runlog
Printed 09/07/08 at 10:30

File	Sample		DF	Date	Time	SDG	RT	Batch	U'd	V'd	Comments	Scans
01248B.24R	5452889	R	5	09/05/08	08:05		0	08248A01A	X	528		8754
01248.25R	5452892	R	5	09/05/08	08:47		0	08248A01A	X	528		8754
01248B.25R	5452892	R	5	09/05/08	08:47		0	08248A01A	X	↓		8754
01248.26R	CBLK		1	09/05/08	09:29			08248A01A		=		8754
01248B.26R	CBLK		1	09/05/08	09:29			08248A01A		=		8754
01248.27R	CHKSTD		1	09/05/08	10:11			08235A01C A		528		8765
01248B.27R	CHKSTD		1	09/05/08	10:11			08235A01C ↓		↓		8765

48 ③ MLS 108 9/10/08

* = QC Summary Required

ile=C:\CP\DATA1\A1238.22R Date printed=09-04-2008 Time= 11:59:56
ample Name=CHKSTD 08248A01A8754
.0 to 35.0 min. Low Y=2.085 High Y=52.085 mv Span=50.0



ASX04 8592

Sample Name: **CHKSTD**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 11:54:27
Cycle: 22
Analyst: 290
Raw File: C:\CP\DATA1\A1238.22R
Area File: C:\CP\DATA1\A1238.22A
Method File: C:\CP\DATA1\01MACHK.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 44)
Last calibration update: 09/04/:8 07:56:48

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	%-100
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	%-100
0.000	0.000	UNADJUSTED C9-C12	0.000	0	%-100
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	%-100
7.729	7.729	n-PENTANE	43.993	211583	-12.0
9.411	9.411	2-METHYLPENTANE	51.412	242961	2.8
10.050	10.050	METHYL T-BUTYL ETH	54.205	196786	8.4
14.153	14.153	2,2,4-TMP	54.269	240335	8.5
15.157	15.157	BENZENE	50.601	391667	1.2
16.832	16.832	SURR-TFT-F	57.712	230088	15.4
20.691	20.691	TOLUENE	51.899	387736	3.8
23.620	23.620	SURR-1C3FB	53.989	22671	8.0
24.218	24.218	n-NONANE	50.003	204719	0.0
24.768	24.768	ETHYLBENZENE	52.127	376304	4.3
24.959	24.959	M,P-XYLENE	99.652	752562	-0.3
26.035	26.035	O-XYLENE	52.509	385256	5.0
27.389	27.389	n-DECANE	51.112	201459	2.2
28.659	28.659	1,2,4-TMB	52.196	354113	4.4
28.825	28.825	n-BUTYLCYCLOHEXANE	48.400	218113	-3.2
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	%-100

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.63	24.12	451.48218	7.44521%	192.7475E+04	38.6377%
2	24.13	32.42	550.55072	9.07891%	250.8313E+04	50.2811%

Total slice amount = 1002.033 Total slice area = 4435788
Total slice amount% = 16.52412 Total slice area% = 88.91882

Current Aliphatic Range Windows:
C5-C8: 7.629 - 24.118
C9-C12: 24.128 - 32.416

Note: Acceptable %D for each component: +/- 25%

Surrogate Recoveries

Surrogate 1C3FB: 108.0%
Surrogate TFT: 115.4%

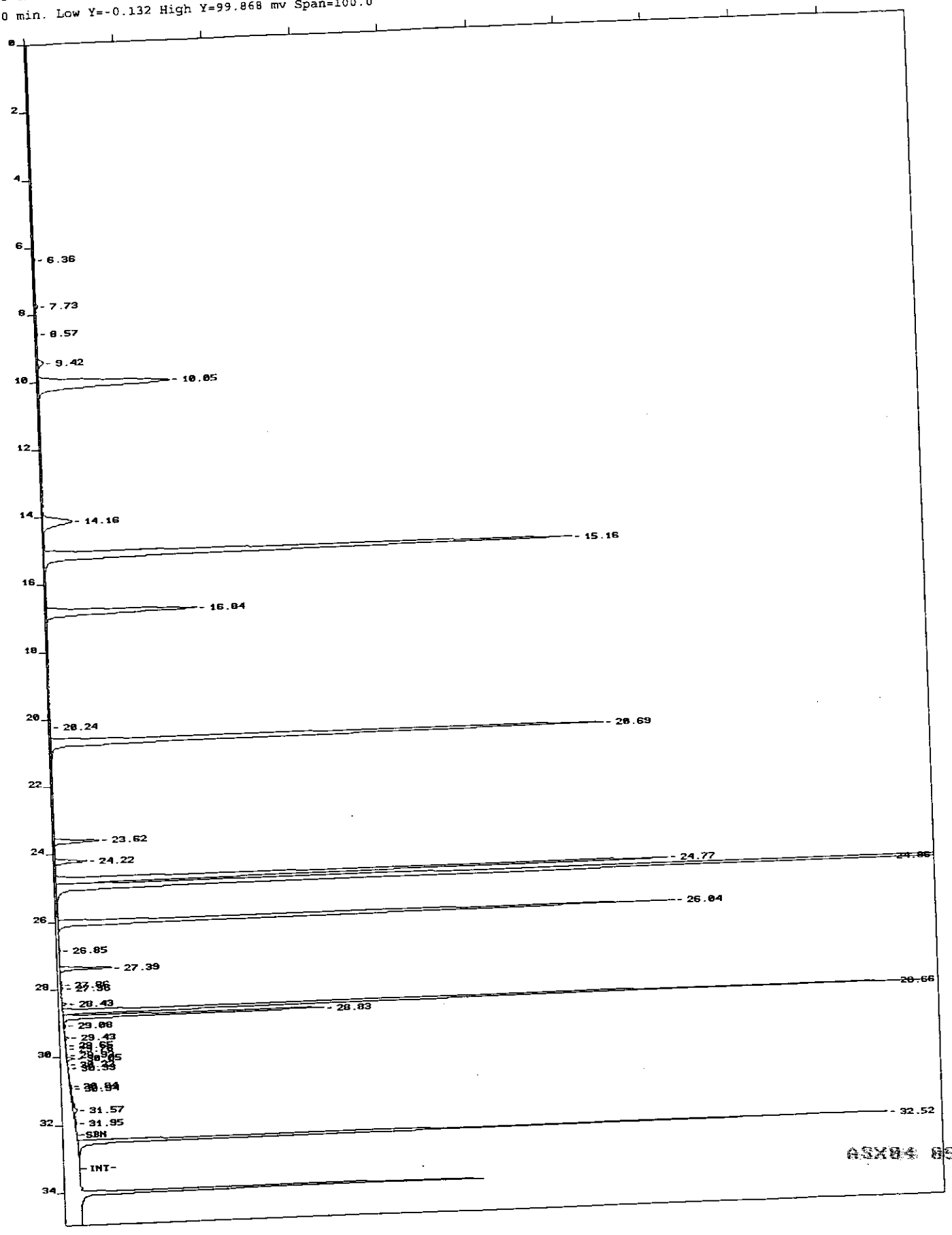
08248A01

Sample Name: **CHKSTD**
Date Acquired: Sep 4, 2008 11:54:27
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKFID.FMT

Reviewed by: [illegible] Date: 9/4/08

Verified by: [illegible] Date: 9/10/08

ile=C:\CP\DATA1\A1238B.22R Date printed=09-04-2008 Time= 12:00:11
08248A01A8754
ample Name=CHKSTD
.0 to 35.0 min. Low Y=-0.132 High Y=99.868 mv Span=100.0



ASX04 0594

Sample Name: **CHKSTD**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 11:54:27
Cycle: 22
Analyst: 290
Raw File: C:\CP\DATA1\A1238B.22R
Area File: C:\CP\DATA1\A1238B.22A
Method File: C:\CP\DATA1\01MACHKB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 26)
Last calibration update: 09/04/:8 07:57:08

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	%-100
10.053	10.033	METHYL T-BUTYL ETHER	48.6647	192350	-2.7
15.161	15.136	BENZENE	47.3698	472278	-5.3
16.836	16.811	SURR-TFT-P	55.3065	149693	10.6
20.694	20.672	TOLUENE	48.5244	416493	-3.0
23.624	23.606	ISTD-1C3FB	1.0000	27476	0.0
24.771	24.755	ETHYLBENZENE	49.2749	357587	-1.5
24.962	24.946	M,P-XYLENE	100.3332	803340	0.3
26.038	26.022	O-XYLENE	47.6108	347763	-4.8
28.662	28.650	1,2,4-TMB	49.5297	339753	-0.9
32.516	32.504	NAPHTHALENE	52.4453	267161	4.9

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.14	32.42	108.25909	18.46137%	498.7106E+03	13.9194%

Total slice amount = 108.2591 Total slice area = 498710.6
Total slice amount% = 18.46137 Total slice area% = 13.91943

Current Aromatic Range Windows:
C9-C10: 26.138 -- 32.416

Surrogate Recoveries

Surrogate TFT: 110.61%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKPID.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 100.0%

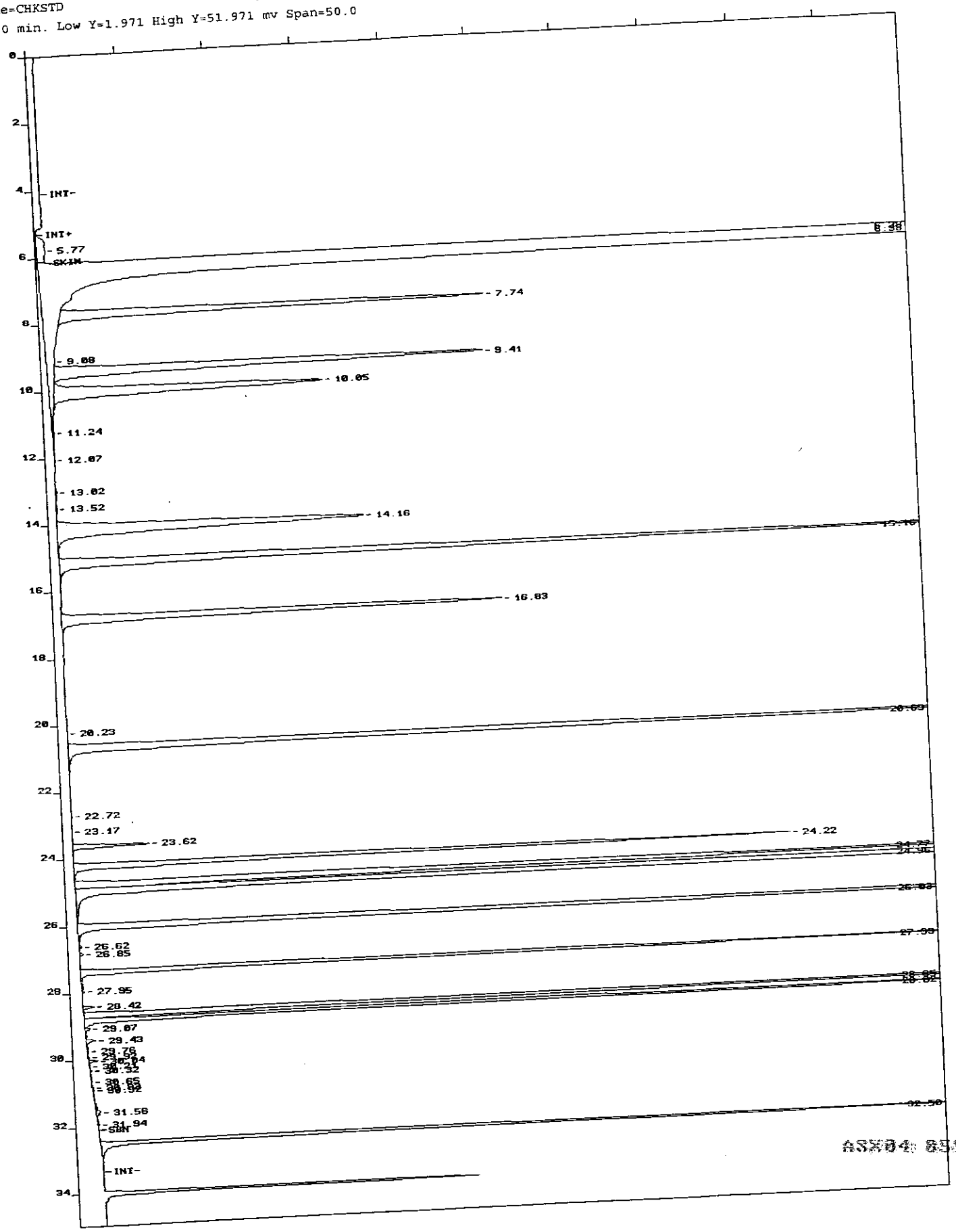
Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: [signature] Date: 9/4/08

Verified by: [signature] Date: 9/10/08

ASX04 8595

ile=C:\CP\DATA1\01248.27R Date printed=09-05-2008 Time= 10:11:16
08248A01A8754
ample Name=CHKSTD
.0 to 35.0 min. Low Y=1.971 High Y=51.971 mv Span=50.0



ASX04: 8596

Sample Name: **CHKSTD**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 5, 2008 10:11:15
Cycle: 27
Analyst: 290
Raw File: C:\CP\DATA1\01248.27R
Area File: C:\CP\DATA1\01248.27A
Method File: C:\CP\DATA1\01MACHK.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 45)
Last calibration update: 09/04/:8 12:00:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	%-100
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	%-100
0.000	0.000	UNADJUSTED C9-C12	0.000	0	%-100
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	%-100
7.737	7.737	n-PENTANE	45.020	216523	-10.0
9.415	9.415	2-METHYLPENTANE	52.941	250186	5.9
10.051	10.051	METHYL T-BUTYL ETH	54.513	197906	9.0
14.158	14.158	2,2,4-TMP	55.244	244652	10.5
15.159	15.159	BENZENE	53.380	413184	6.8
16.833	16.833	SURR-TFT-F	54.969	219149	9.9
20.690	20.690	TOLUENE	55.202	412413	10.4
23.619	23.619	SURR-1C3FB	53.796	22591	7.6
24.218	24.218	n-NONANE	52.766	216034	5.5
24.766	24.766	ETHYLBENZENE	56.486	407771	13.0
24.957	24.957	M,P-XYLENE	107.714	813443	7.7
26.032	26.032	O-XYLENE	57.399	421127	14.8
27.385	27.385	n-DECANE	55.334	218101	10.7
28.654	28.654	1,2,4-TMB	57.353	389095	14.7
28.821	28.821	n-BUTYLCYCLOHEXANE	51.497	232070	3.0
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	%-100

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.63	24.12	451.54755	1.19504%	197.9495E+04	22.7366%
2	24.13	32.42	589.10089	1.55908%	271.4082E+04	31.1741%

Total slice amount = 1040.648 Total slice area = 4693577
Total slice amount% = 2.754128 Total slice area% = 53.9107

Current Aliphatic Range Windows:
C5-C8: 7.629 - 24.118
C9-C12: 24.128 - 32.416

Note: Acceptable %D for each component: +/- 25%

Surrogate Recoveries

Surrogate 1C3FB: 107.6%
Surrogate TFT: 109.9%

Sample Name: **CHKSTD** **08248A01**
Date Acquired: Sep 5, 2008 10:11:15
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKFID.FMT

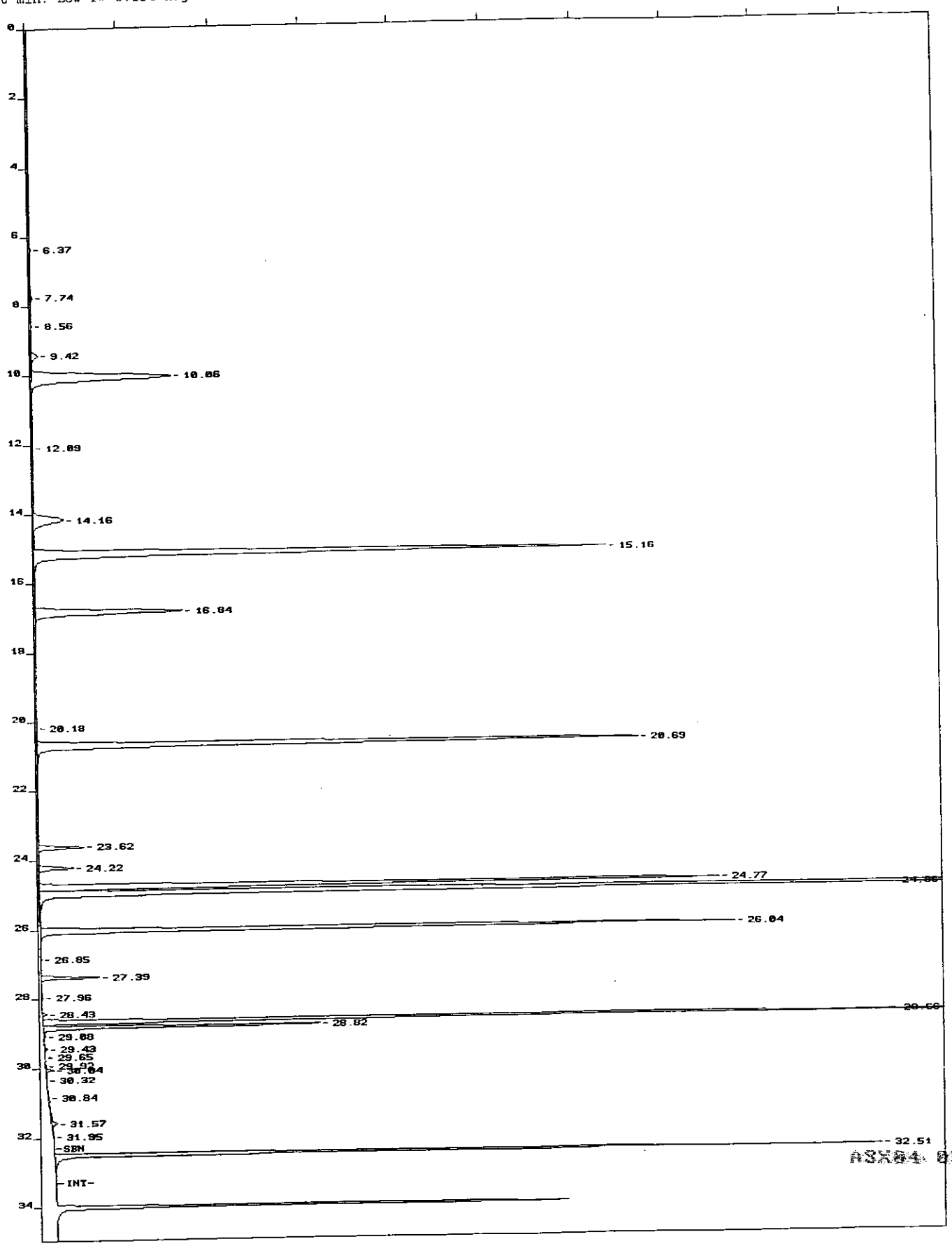
Reviewed by: _____ Date: 9/7/08

Verified by: MCM Date: 9/10/08

File=C:\CP\DATA1\01248B.27R Date printed=09-05-2008 Time= 10:11:37

Sample Name=CHKSTD 08248A01A8754

0.0 to 35.0 min. Low Y=-0.134 High Y=99.866 mv Span=100.0



ASX04 0598

Sample Name: **CHKSTD**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 5, 2008 10:11:15
Cycle: 27
Analyst: 290
Raw File: C:\CP\DATA1\01248B.27R
Area File: C:\CP\DATA1\01248B.27A
Method File: C:\CP\DATA1\01MACHKB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 27)
Last calibration update: 09/04/:8 12:00:24

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	%D
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	%-100
10.056	10.053	METHYL T-BUTYL ETHER	50.5635	198213	1.1
15.162	15.161	BENZENE	50.0995	495391	0.2
16.836	16.836	SURR-TFT-P	52.8633	141905	5.7
20.694	20.694	TOLUENE	51.7706	440706	3.5
23.623	23.624	ISTD-1C3FB	1.0000	27251	0.0
24.769	24.771	ETHYLBENZENE	53.4190	384477	6.8
24.960	24.962	M,P-XYLENE	108.3734	860588	8.4
26.035	26.038	O-XYLENE	52.1171	377551	4.2
28.658	28.662	1,2,4-TMB	54.3533	369778	8.7
32.506	32.516	NAPHTHALENE	56.1537	283702	12.3

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.14	32.42	115.58827	18.59652%	534.1564E+03	14.0610%

Total slice amount = 115.5883 Total slice area = 534156.4
Total slice amount% = 18.59652 Total slice area% = 14.06097

Current Aromatic Range Windows:
C9-C10: 26.138 - 32.416

Surrogate Recoveries

Surrogate TFT: 105.73%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKPID.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 100.0%

Check standard used in calculating percentage: C:\CP\DATA1\01248B.27A

Entered by: Kro +2w Date: 9/7/08

Verified by: MIM Date: 9/10/08

ASX04 8599

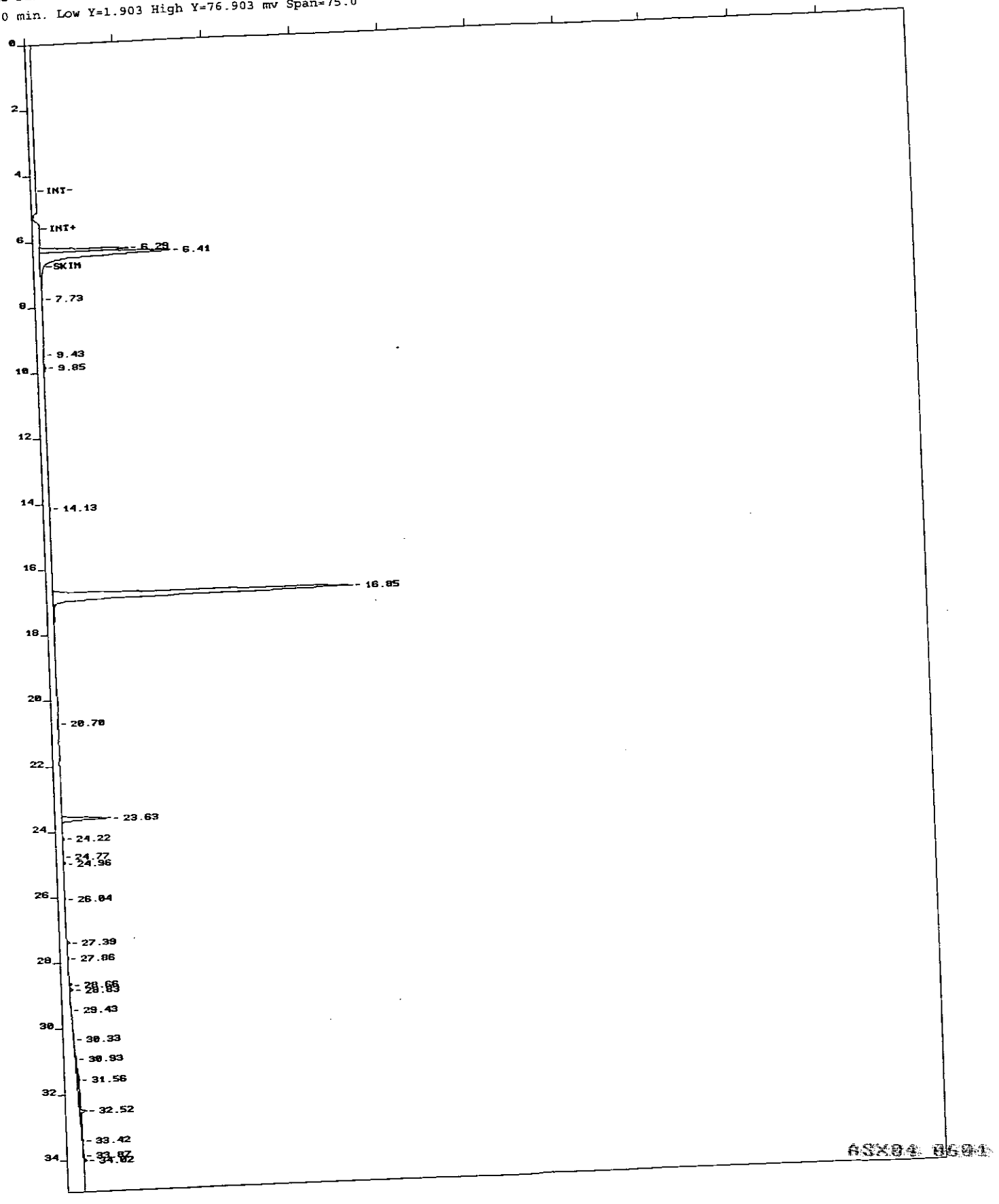
Raw QC Data

ASX84 0688

ile=C:\CP\DATA1\01248.04R Date printed=09-04-2008 Time= 13:35:35

ample Name=BLK0112 08248A01A8754

.0 to 35.0 min. Low Y=1.903 High Y=76.903 mv Span=75.0



6SX04 B691

Sample Name: **BLK0112**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 13:35:33
Cycle: 4
Analyst: 290
Raw File: C:\CP\DATA1\01248.04R
Area File: C:\CP\DATA1\01248.04A
Method File: C:\CP\DATA1\01235MA.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 2
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 45)
Last calibration update: 09/04/:8 12:00:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
6.291	6.291		381.654	41678	7820
6.406	6.406		949.336	103671	11266
7.732	7.732	n-PENTANE	0.096	462	53
9.427	9.427	2-METHYLPENTANE	0.065	305	32
9.851	9.851		11.436	1249	127
14.127	14.127	2,2,4-TMP	0.098	433	32
16.847	16.847	SURR-TFT-F	56.257	224284	25682
20.700	20.700	TOLUENE	0.034	254	37
23.628	23.628	SURR-1C3FB	53.800	22592	4323
24.225	24.225	n-NONANE	0.273	1118	191
24.770	24.770	ETHYLBENZENE	0.045	326	50
24.964	24.964	M,P-XYLENE	0.145	1094	182
26.043	26.043	O-XYLENE	0.073	535	60
27.392	27.392	n-DECANE	0.282	1110	270
27.865	27.865		2.304	252	56
28.662	28.662	1,2,4-TMB	0.152	1029	249
28.827	28.827	n-BUTYLCYCLOHEXANE	0.281	1268	305
29.435	29.435		4.002	437	55
30.331	30.331		6.804	743	78
30.930	30.930		9.934	1085	119
31.561	31.561		47.476	5185	196
32.515	32.515		92.223	10071	612
33.418	33.418		10.599	1157	69
33.872	33.872		5.172	565	61
34.024	34.024		9.516	1039	239

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.63	24.12	121.78441	7.41659%	249.5794E+03	59.1501%
2	24.13	32.42	71.77042	4.37077%	141.8172E+02	3.3611%

Total slice amount = 193.5548 Total slice area = 263761.2
Total slice amount% = 11.78736 Total slice area% = 62.5111

Surrogate Recoveries

Surrogate 1C3FB: 107.6%
Surrogate TFT: 112.5%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

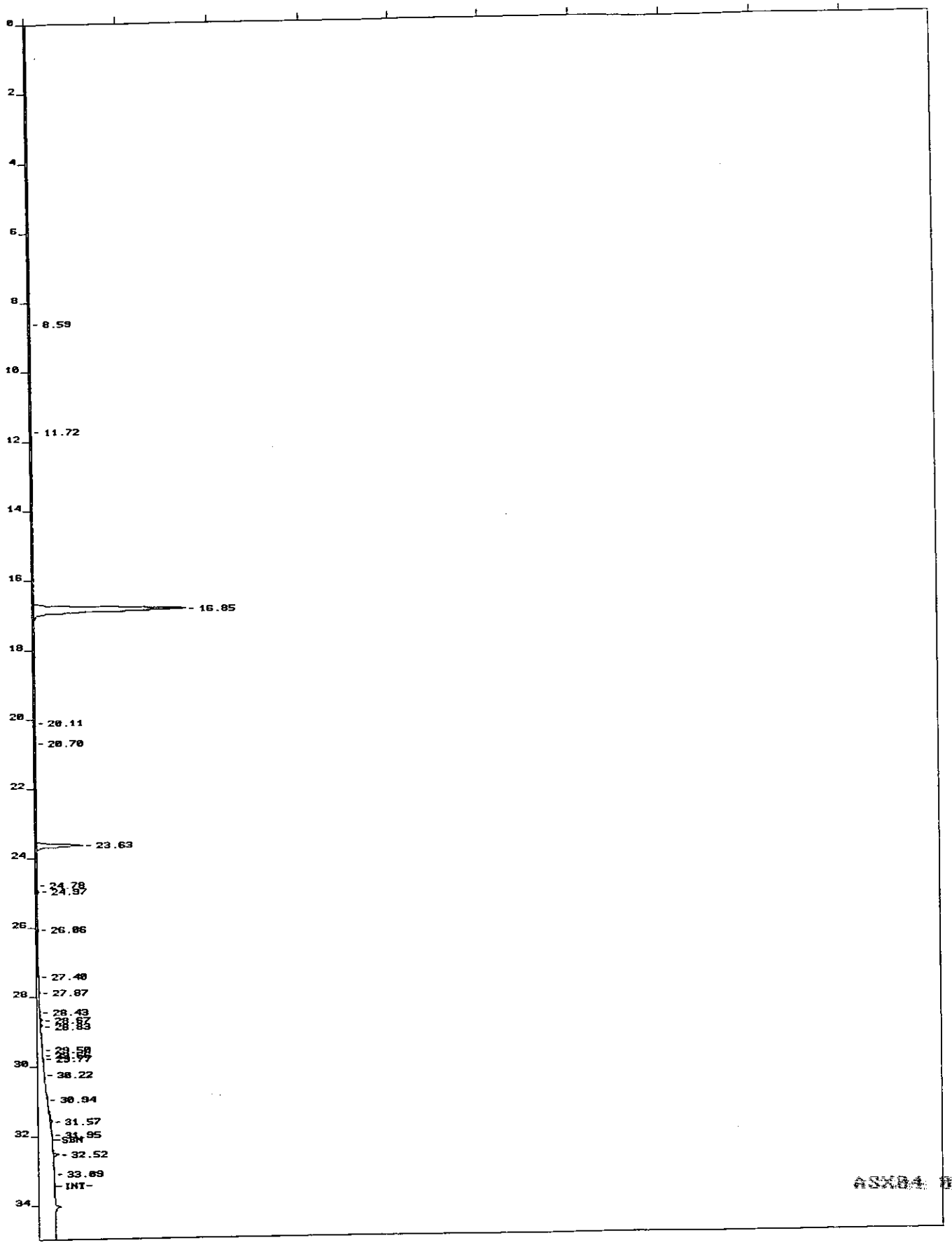
Reviewed by: KS RW Date: 9/7/08

Verified by: MCSMR Date: 9/10/08

08248A01

Sample Name: **BLK0112**
Date Acquired: Sep 4, 2008 13:35:33

File=C:\CP\DATA1\01248B.04R Date printed=09-04-2008 Time= 13:35:55
Sample Name=BLK0112 08248A01A8754
0.0 to 35.0 min. Low Y=-0.141 High Y=99.859 mv Span=100.0



ASX04 0603

Sample Name: **BLK0112**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 13:35:33
Cycle: 4
Analyst: 290
Raw File: C:\CP\DATA1\01248B.04R
Area File: C:\CP\DATA1\01248B.04A
Method File: C:\CP\DATA1\01235MAB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 27)
Last calibration update: 09/04/:8 12:00:24

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.053	10.053	METHYL T-BUTYL ETHER	0.0000	0	0
15.161	15.161	BENZENE	0.0000	0	0
16.851	16.836	SURR-TFT-P	52.9662	145194	16778
20.704	20.694	TOLUENE	0.0212	185	33
23.632	23.624	ISTD-1C3FB	1.0000	27828	5208
24.780	24.771	ETHYLBENZENE	0.0381	280	46
24.968	24.962	M,P-XYLENE	0.1366	1107	188
26.057	26.038	O-XYLENE	0.0891	659	72
28.665	28.662	1,2,4-TMB	0.1487	1033	237
32.518	32.516	NAPHTHALENE	0.7476	3857	692

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.14	32.42	3.57971	6.13428%	104.3847E+02	6.3707%

Total slice amount = 3.57971 Total slice area = 10438.47
Total slice amount% = 6.134281 Total slice area% = 6.370673

XYLENES (TOTAL) = 0.2256 ug/L

Surrogate Recoveries

Surrogate TFT: 105.93%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT
Sample Name: **BLK0112** **08248A01**
Date Acquired: Sep 4, 2008 13:35:33

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 101.3%

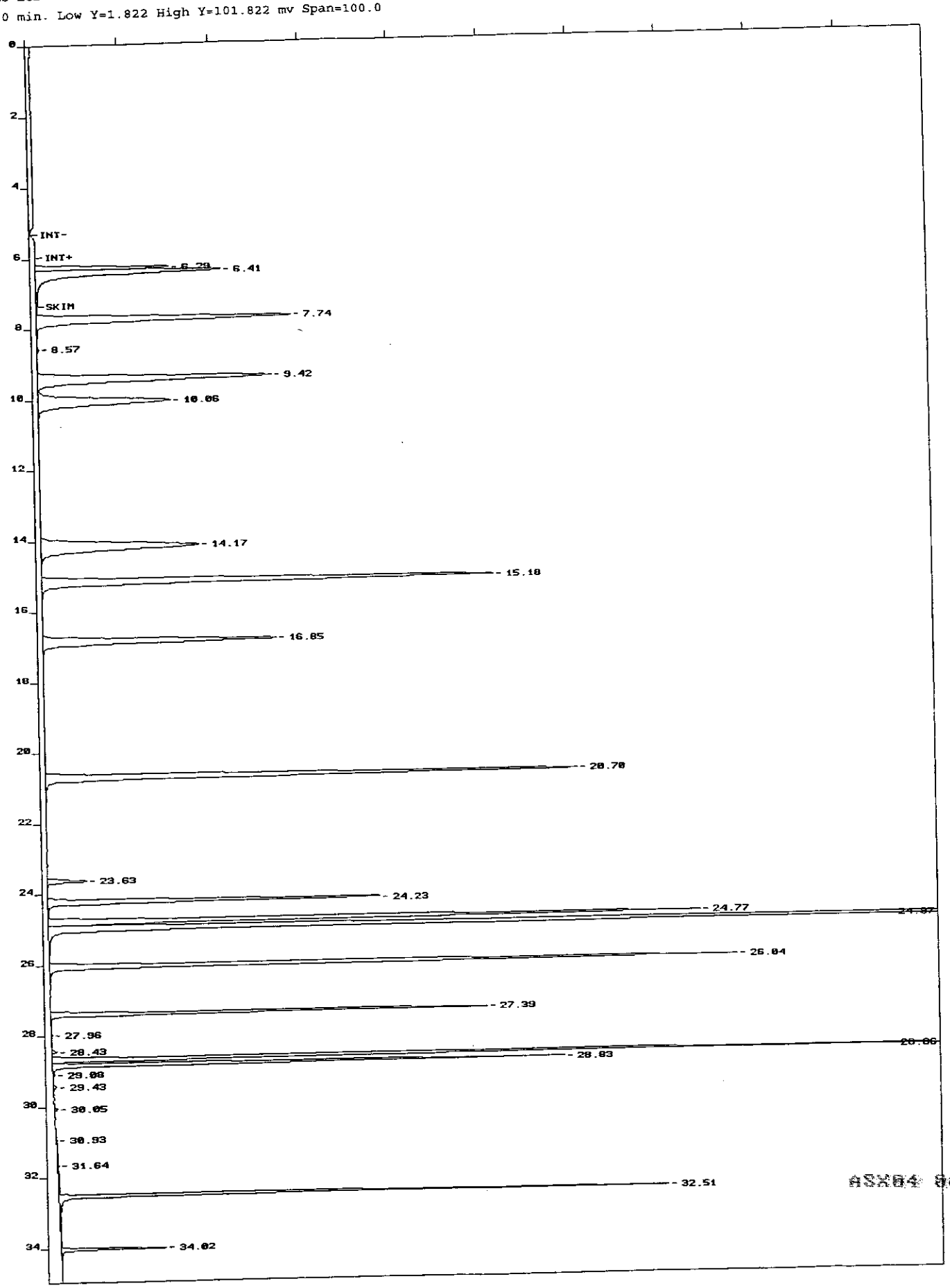
Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: KG MW Date: 9/7/08

Verified by: [signature] Date: 9/10/08

ASX04 0684

File=C:\CP\DATA1\01248.06R Date printed=09-04-2008 Time= 14:59:30
Sample Name=LCS0112 08248A01A8754
0.0 to 35.0 min. Low Y=1.822 High Y=101.822 mv Span=100.0



ASX04 0605

08248A01A
Analyses: 8754
Dil. Factor: 1

Sample Name: **LCS0112**

Date acquired: Sep 4, 2008 14:59:29
Cycle: 6
Analyst: 290
Raw File: C:\CP\DATA1\01248.06R
Area File: C:\CP\DATA1\01248.06A
Method File: C:\CP\DATA1\01LCS.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 3
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 45)
Last calibration update: 09/04/:8 12:00:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	0
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	0
0.000	0.000	UNADJUSTED C9-C12	0.000	0	0
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	0
7.739	7.739	n-PENTANE	52.707	253490	28306
9.424	9.424	2-METHYLPENTANE	55.099	260384	25985
10.063	10.063	METHYL T-BUTYL ETH	52.533	190717	14535
14.170	14.170	2,2,4-TMP	54.614	241862	17421
15.176	15.176	BENZENE	50.674	392236	50923
16.850	16.850	SURR-TFT-F	56.148	223851	25863
20.704	20.704	TOLUENE	51.798	386980	59767
23.629	23.629	SURR-1C3FB	53.782	22585	4426
24.225	24.225	n-NONANE	48.738	199543	38001
24.775	24.775	ETHYLBENZENE	52.119	376250	74947
24.965	24.965	M,P-XYLENE	100.083	755814	152045
26.040	26.040	O-XYLENE	52.007	381573	78600
27.392	27.392	n-DECANE	50.751	200037	50790
28.662	28.662	1,2,4-TMB	52.313	354902	105321
28.828	28.828	n-BUTYLCYCLOHEXANE	47.158	212516	58493
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	0

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	5.75	22.23	2,784.01001	49.53772%	221.2749E+04	44.4705%
2	22.24	31.31	536.33832	9.54342%	251.1889E+04	50.4825%

Total slice amount = 3320.348 Total slice area = 4724638
Total slice amount% = 59.08115 Total slice area% = 94.95296

Surrogate Recoveries

Surrogate 1C3FB: 107.56%
Surrogate TFT: 112.30%

C5-C8 Aliphatic total = 162.42 (expected value = 150)
C9-C12 Aliphatic total = 146.65 (expected value = 150)

08248A01

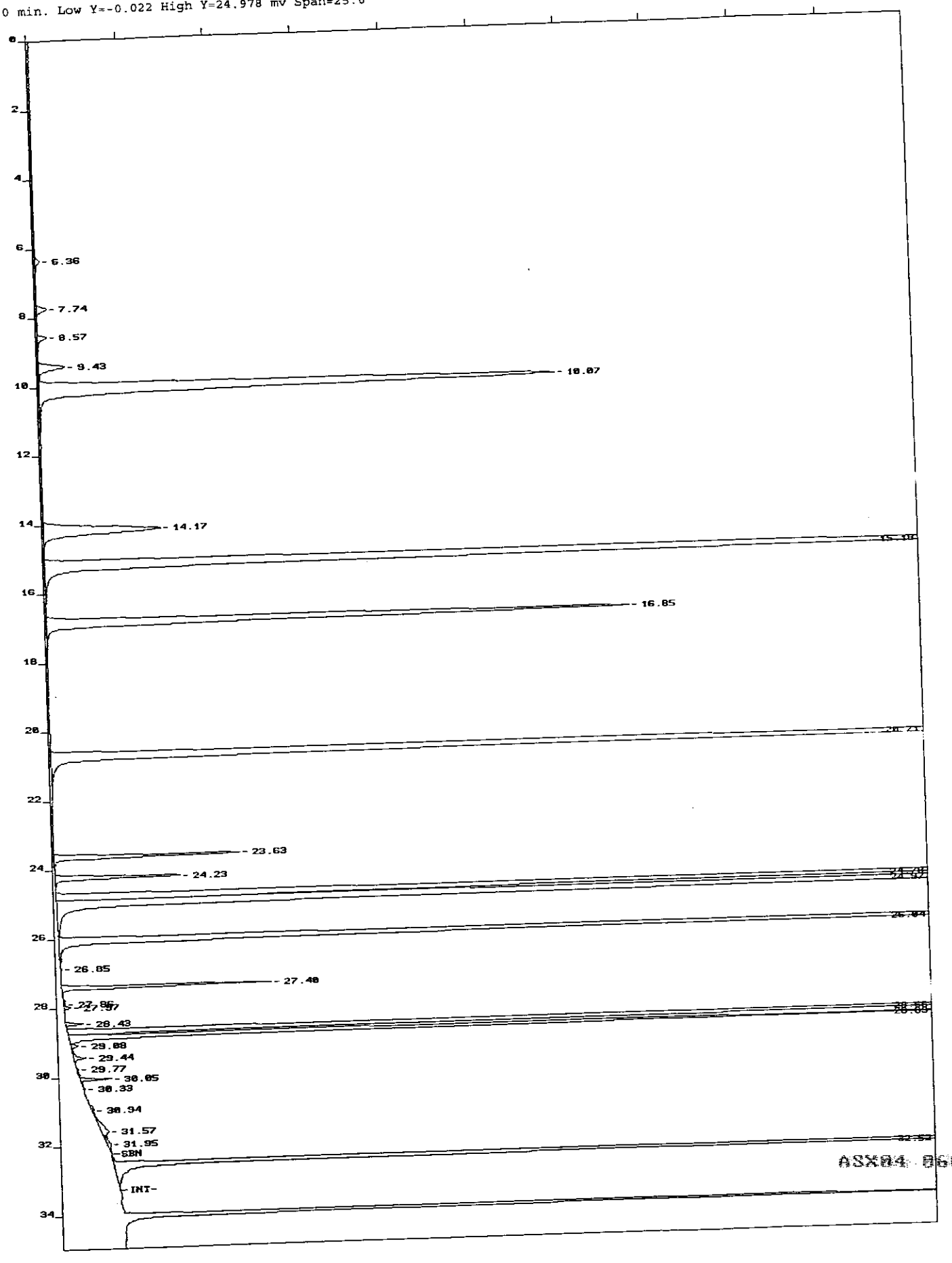
Sample Name: **LCS0112**
Date Acquired: Sep 4, 2008 14:59:29
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: KNS *KW Date: 9/7/08

Verified by: MCS/MS Date: 9/10/08

ASX04: 0686

'ile=C:\CP\DATA1\01248B.06R Date printed=09-04-2008 Time= 14:59:51
Sample Name=LCS0112 08248A01A8754
).0 to 35.0 min. Low Y=-0.022 High Y=24.978 mv Span=25.0



ASX04 0607

08248A01A
Analyses: 8754
Dil. Factor: 1

Sample Name: **LCS0112**

Date acquired: Sep 4, 2008 14:59:29
Cycle: 6
Analyst: 290
Raw File: C:\CP\DATA1\01248B.06R
Area File: C:\CP\DATA1\01248B.06A
Method File: C:\CP\DATA1\01LCSB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 27)
Last calibration update: 09/04/:8 12:00:24

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.066	10.053	METHYL T-BUTYL ETHER	48.0085	191808	14751
15.179	15.161	BENZENE	47.2458	476137	61118
16.854	16.836	SURR-TFT-P	53.6888	146887	16744
20.708	20.694	TOLUENE	47.9378	415908	63910
23.632	23.624	ISTD-1C3FB	1.0000	27774	5322
24.778	24.771	ETHYLBENZENE	48.8857	358600	70999
24.968	24.962	M,P-XYLENE	100.2447	811312	161294
26.044	26.038	O-XYLENE	46.9633	346743	70764
28.665	28.662	1,2,4-TMB	49.2756	341666	100637
32.517	32.516	NAPHTHALENE	49.9648	257277	88218

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	24.29	31.35	298.29462	51.72899%	200.3119E+04	55.9946%

Total slice amount = 298.2946 Total slice area = 2003119
Total slice amount% = 51.72899 Total slice area% = 55.99464

XYLENES (TOTAL) = 147.2080 ug/L

Surrogate Recoveries

Surrogate TFT: 107.38%

C9-C10 Aromatic total = 49.28 (expected value = 50)
C5-C8 Aromatic total = 143.19 (expected value = 150)
C9-C12 Aromatic total = 245.37 (expected value = 250)

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSP.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 101.1%

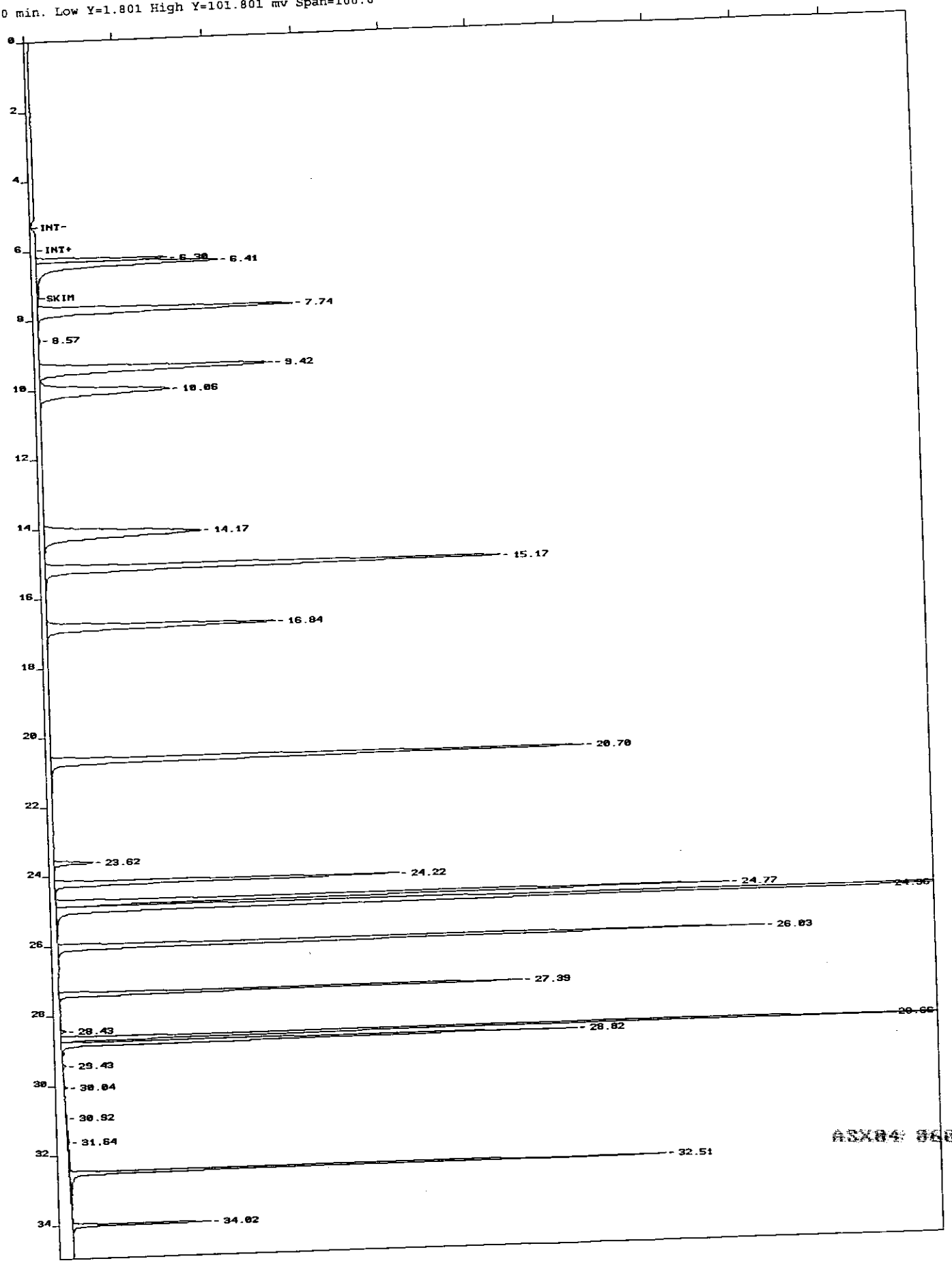
Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: KG KW Date: 9/7/08

Verified by: [signature] Date: 9/10/08

ASX0430608

File=C:\CP\DATA1\01248.07R Date printed=09-04-2008 Time= 15:41:23
Sample Name=LDS0112 08248A01A8754
0.0 to 35.0 min. Low Y=1.801 High Y=101.801 mv Span=100.0



Sample Name: **LDS0112**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 15:41:22
Cycle: 7
Analyst: 290
Raw File: C:\CP\DATA1\01248.07R
Area File: C:\CP\DATA1\01248.07A
Method File: C:\CP\DATA1\01LCS.MET
Instrument: Clewmark #5648--FID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 3
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAF.CAL(version 45)
Last calibration update: 09/04/:8 12:00:10

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	ADJUSTED C9-C12 AL	0.000	0	0
0.000	0.000	ADJUSTED C5-C8 ALI	0.000	0	0
0.000	0.000	UNADJUSTED C9-C12	0.000	0	0
0.000	0.000	UNADJUSTED C5-C8 A	0.000	0	0
7.741	7.741	n-PENTANE	54.201	260680	29131
9.423	9.423	2-METHYLPENTANE	56.188	265529	26456
10.063	10.063	METHYL T-BUTYL ETH	53.427	193965	14637
14.167	14.167	2,2,4-TMP	55.714	246733	17645
15.169	15.169	BENZENE	51.569	399167	51826
16.843	16.843	SURR-TFT-F	56.216	224120	25863
20.696	20.696	TOLUENE	52.816	394590	60669
23.622	23.622	SURR-1C3FB	54.322	22812	4461
24.219	24.219	n-NONANE	49.921	204384	39003
24.768	24.768	ETHYLBENZENE	53.431	385720	76622
24.959	24.959	M,P-XYLENE	101.898	769525	154501
26.034	26.034	O-XYLENE	52.996	388829	80295
27.387	27.387	n-DECANE	52.341	206303	52995
28.656	28.656	1,2,4-TMB	53.355	361971	107182
28.822	28.822	n-BUTYLCYCLOHEXANE	48.362	217942	59994
34.990	34.990	TOTAL-P-HYDROCARBO	0.000	0	0

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	5.75	22.23	2,818.76855	48.26269%	225.1092E+04	44.2466%
2	22.24	31.31	526.49615	9.01462%	256.4023E+04	50.3975%

Total slice amount = 3345.265 Total slice area = 4815115
Total slice amount% = 57.27731 Total slice area% = 94.64413

Surrogate Recoveries

Surrogate 1C3FB: 108.64%
Surrogate TFT: 112.43%

C5-C8 Aliphatic total = 166.10 (expected value = 150)
C9-C12 Aliphatic total = 150.62 (expected value = 150)

08248A01

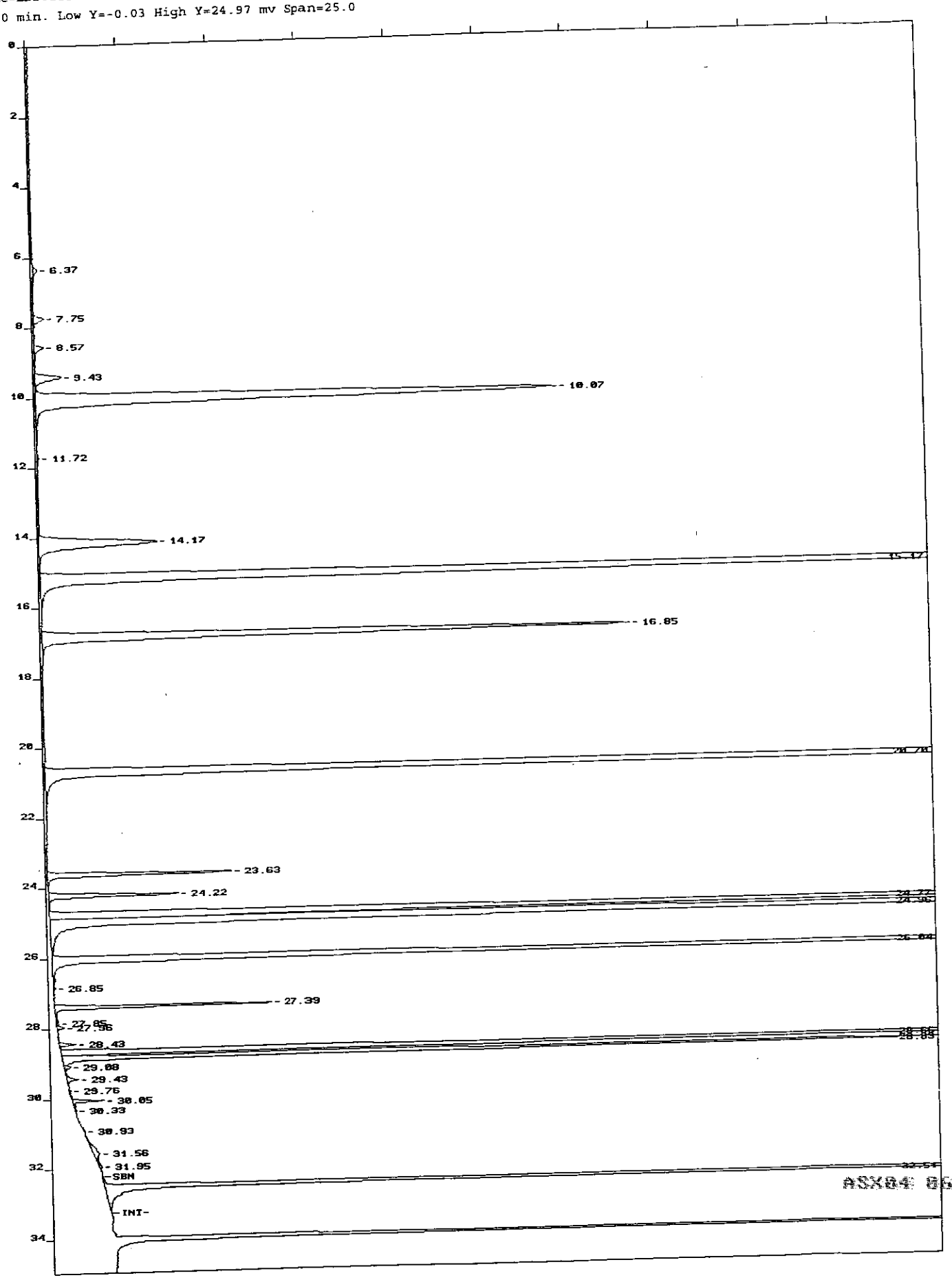
Sample Name: **LDS0112**
Date Acquired: Sep 4, 2008 15:41:22
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: KO Date: 9/7/08

Verified by: MCSMR Date: 9/10/08

BSX04 8610

File=C:\CP\DATA1\01248B.07R Date printed=09-04-2008 Time= 15:41:44
Sample Name=LDS0112 08248A01A8754
0.0 to 35.0 min. Low Y=-0.03 High Y=24.97 mv Span=25.0



08248A01A
Analyses: 8754
Dil. Factor: 1

Sample Name: **LDS0112**

Date acquired: Sep 4, 2008 15:41:22
Cycle: 7
Analyst: 290
Raw File: C:\CP\DATA1\01248B.07R
Area File: C:\CP\DATA1\01248B.07A
Method File: C:\CP\DATA1\01LCSB.MET
Instrument: Clewmark #5648--PID
Column Type: RTX-502.2 105 m, .53 mm, 3 um
Threshold: 1
Run Time: 35 (mins)

Peak table using calibration C:\CP\DATA1\01235MAP.CAL(version 27)
Last calibration update: 09/04/:8 12:00:24

Ret Time (min)	Expected ret time	Peak Name	Concentration ug/l	Peak Area	Peak Height
0.000	0.000	C9-C10 AROMATIC HYDR	0.0000	0	0
10.067	10.053	METHYL T-BUTYL ETHER	48.0806	191383	14657
15.172	15.161	BENZENE	47.8283	480217	61768
16.846	16.836	SURR-TFT-P	52.8998	144191	16598
20.700	20.694	TOLUENE	48.8095	421898	64612
23.625	23.624	ISTD-1C3FB	1.0000	27670	5288
24.771	24.771	ETHYLBENZENE	49.9502	365048	71907
24.962	24.962	M,P-XYLENE	101.7094	820109	162908
26.037	26.038	O-XYLENE	47.7740	351419	71766
28.660	28.662	1,2,4-TMB	50.0218	345551	100436
32.510	32.516	NAPHTHALENE	51.7554	265508	87679

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	24.29	31.35	303.49408	51.99975%	202.9423E+04	56.1155%

Total slice amount = 303.4941 Total slice area = 2029423
Total slice amount% = 51.99975 Total slice area% = 56.11547

XYLENES (TOTAL) = 149.4834 ug/L

Surrogate Recoveries

Surrogate TFT: 105.80%

C9-C10 Aromatic total = 50.02 (expected value = 50)
C5-C8 Aromatic total = 144.72 (expected value = 150)
C9-C12 Aromatic total = 249.46 (expected value = 250)

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSP.FMT

Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 100.7%

Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: KO KW Date: 9/7/08

Verified by: MLSMK Date: 9/10/08

ASXB4 8612

Preparation Logs

ASX84: 8613

Batch: 08248A01A

pH Form

Comments are as follows:

*

*

*

File#	Sample	DF	Date	Time	pH	Cl -y/n	Comments
01248.09R 01248B.09R	5452895	1	9/4/2008	17:05	≤2		
01248.10R 01248B.10R	5454429	1	9/4/2008	17:47			
01248.11R 01248B.11R	5454450	1	9/4/2008	18:29			
01248.12R 01248B.12R	5454470	1	9/4/2008	19:11			
01248.13R 01248B.13R	5452891	1	9/4/2008	19:53			
01248.14R 01248B.14R	5452889	1	9/4/2008	20:35			
01248.15R 01248B.15R	5452892	10	9/4/2008	21:17			
01248.16R 01248B.16R	5452893	20	9/4/2008	21:59			
01248.17R 01248B.17R	5452894	5	9/4/2008	22:41			
01248.18R 01248B.18R	5452894	1	9/4/2008	23:23			
01248.22R 01248B.22R	5454469	1	9/5/2008	2:11			
01248.24R 01248B.24R	5452889	5	9/5/2008	8:05			
01248.25R 01248B.25R	5452892	5	9/5/2008	8:47			

ASX04 0614

Batch: **08248A01A**

pH Form

Analyst: KMJ #243 9/5/08

Verifier: MISMS 9/10/08

ASX84 8615

Polychlorinated Biphenyls (PCBs) Data

ASX84.0616

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX04

LANCASTER LABORATORIES

PCBs

		MATRIX		
LLI SAMPLE #	**SAMPLE CODE**	**WATER**	**SOLID**	**COMMENT**
BLANKA 9/4/08	PBLK25		X	Method Blank
LCSA	LCSEC		X	Lab Control Spike
5454409	AMSS1		X	Unspiked DF250
5454410	AMSS2		X	DF1000
5454411	AMSS3		X	DF100
5454412	AMSS4		X	DF50
5454414	AMSSX		X	DF5000
5454415	AMSS6		X	DF5000
5454416	AMSS7		X	DF1000
5454417	AMSS8		X	DF500
5454418	AMSS9		X	DF100
5454419	AMS10		X	DF500
5454420	AMS11		X	DF50
5454421	AMS12		X	DF100
5454422	AMS13		X	DF250
5454423	AMS14		X	DF1000
5454426	AMS16		X	DF1000
5454427	AMS17		X	DF1000
5454428	AMS18		X	DF50
LAB SUBMITTED QC:				
5454409MS	AMSS1MS		X	Matrix Spike DF250
5454409MSD	AMSS1MSD		X	Matrix Spike Dup DF250

A. Sample Preparation:

No problems were encountered with the preparation of the samples.

B. Analysis:

All target compounds in the Initial Calibration Verification standards are within the 20% criteria.

No problems were encountered.

All continuing calibration data are within method specifications since if any individual target analytes have a %D value outside the 15% criteria, then the average %D value of the standard is within the 15% criteria.

A retention time update was performed using calibration file 2P2235.06R. The calibration name was changed to 2P2235.

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C. Quality Control:

Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method or by the client.

For preparation/method blank results >LOQ, corrective action is not required if the sample result is >10 times the blank concentration, unless otherwise specified in the method or by the client.

Surrogate recoveries that are outside the QC window are confirmed unless attributed to a dilution or otherwise noted.

The AR1016 and AR1260 spike recoveries are outside QC limits in 5454409MS/5454409MSD due to sample dilutions.

All other QC data are within specifications.

D. Data Interpretation:

No further interpretation is needed.

Data codes:

Detected analytes are reported using the higher of the two column results in accordance with the method. Data with analytes showing disparity >40% are further evaluated for reporting based on chromatographic appearance. The analytes will be coded with a comment number on the data sheet. The comments are explained below:

- 1569 - A disparity of >40% between the primary and confirmatory analysis occurred. Due to suspected interference, the lower result was reported.
- 1570 - A disparity of >40% between the primary and confirmatory analysis occurred. Since no chromatographic anomalies were apparent, the higher result was reported.

Data that indicates that manual integration was required would include the following codes:
1 = missed peak and 2 = improper baseline. The peaks that have been manually changed are indicated with an "M" on the raw data.

Narrative reviewed and approved by:

Dana Kauffman, Manager Data Deliverables — **Date** 7/25/08

ASX84 8619

QC Summary

2F
SOIL SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.: ASX04

GC Column (1): RTXCLP ID: .32 GC Column (2): RTXCLPII ID: .32

Batchnumber: 082470004A

SAMPLE	SAMPLE CODE NO.	TCX 1 % REC #	TCX 2 % REC #	DCB 1 % REC #	DCB 2 % REC #	TOT OUT
5454409	AMSS1	0 D	71	220 D	277 D	0
5454409 MS	AMSS1MS	0 D	81	104	82	0
5454409 MSD	AMSS1MSD	0 D	77	92	91	0
5454410	AMSS2	0 D	100	0 D	186 D	0
5454411	AMSS3	85	114	141	156 D	0
5454412	AMSS4	88	112	135	170 D	0
5454414	AMSSX	0 D	1282 D	0 D	394 D	0
5454415	AMSS6	0 D	0 D	1808 D	867 D	0
5454416	AMSS7	60	0 D	0 D	245 D	0
5454417	AMSS8	0 D	169 D	80	112	0
5454418	AMSS9	55	92	93	141	0
5454419	AMS10	53	122	122	80	0
5454420	AMS11	74	92	103	131	0
5454421	AMS12	55	96	105	139	0
5454422	AMS13	32 D	91	113	194 D	0
5454423	AMS14	0 D	261 D	0 D	0 D	0
5454426	AMS16	0 D	103	0 D	100	0
5454427	AMS17	65	185 D	0 D	113	0
5454428	AMS18	86	101	135	152 D	0
BLANKA	PBLK25	99	98	104	99	0
LCSA	LCSEC	95	93	99	96	0

	ADVISORY QC LIMITS	NOMINAL CONCENTRATION	
TCX = Tetrachloro-m-xylene	(53 - 139)	9.98	ug/kg
DCB = Decachlorobiphenyl	(53 - 142)	10	ug/kg

ASX04 8621

Column to be used to flag recovery values

* Values outside of QC Limits

D Surrogate diluted out

3F

Soil Matrix Spike/Matrix Spike Duplicate Recovery

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Matrix Spike - Sample Code No.: AMSS1

Compound	Spike Added (ug/kg)	Sample Concen (ug/kg)	MS Concen (ug/kg)	MSD Concen (ug/kg)	MS % Rec #	MSD % Rec #	MS-MSD % REC Limits	% RPD #	% RPD Lim
Aroclor-1016 Diluted Out	178.06	0	0	0	0*	0*	(45 - 130)		50
Aroclor-1260	178.06	18069.97	21032.95	19829.28	1660*	988*	(39 - 149)	6	50

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

Comments:

ASX04 8522

Sample No.: 5454409 Batch: 082470004A

3F

Soil Lab Control Spike/Lab Control Spike Duplicate Recovery

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Laboratory Control Spike - Sample Code No.: LCSEC

Compound	Spike Added (ug/kg)	LCS Concen (ug/kg)	LCSD Concen (ug/kg)	LCS % Rec #	LCSD % Rec #	LCS-LCSD % REC Limits	% RPD #	% RPD Lim
Aroclor-1016	166.67	143.32		86		(72 - 120)		50
Aroclor-1260	166.67	148.06		89		(65 - 137)		50

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 2 outside limits

Comments: Results calculated on as-received basis.

Sample No.: LCSA Batch: 082470004A

ASX04 3623

4C

METHOD BLANK SUMMARY

SAMPLE CODE NO.

PBLK25

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.: ASX04

Lab Sample ID BLANKA Batch 082470004A Lab File ID: 9P2235.23R 9P2235B.23R

Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) Y Date Extracted: 9/4/2008

Date Analyzed (1): 9/5/2008 Date Analyzed (2): 9/5/2008

Time Analyzed (1): 19:23:05 Time Analyzed (2): 19:23:05

Instrument ID (1): H2601A Instrument ID (2): H2601B

GC Column: RTXCLP ID: 0.32 (mm) GC Column: RTXCLPII ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD

	SAMPLE CODE NO.	LAB SAMPLEID	DATE ANALYZED 1	DATE ANALYZED 2
01	AMSS1	5454409	9/8/2008	9/8/2008
02	AMSS1MS	5454409MS	9/8/2008	9/8/2008
03	AMSS1MSD	5454409MSD	9/8/2008	9/8/2008
04	AMSS2	5454410	9/8/2008	9/8/2008
05	AMSS3	5454411	9/5/2008	9/5/2008
06	AMSS4	5454412	9/5/2008	9/5/2008
07	AMSSX	5454414	9/8/2008	9/8/2008
08	AMSS6	5454415	9/8/2008	9/8/2008
09	AMSS7	5454416	9/8/2008	9/8/2008
10	AMSS8	5454417	9/8/2008	9/8/2008
11	AMSS9	5454418	9/5/2008	9/5/2008
12	AMS10	5454419	9/8/2008	9/8/2008
13	AMS11	5454420	9/5/2008	9/5/2008
14	AMS12	5454421	9/5/2008	9/5/2008
15	AMS13	5454422	9/8/2008	9/8/2008
16	AMS14	5454423	9/8/2008	9/8/2008
17	AMS16	5454426	9/8/2008	9/8/2008
18	AMS17	5454427	9/8/2008	9/8/2008
19	AMS18	5454428	9/6/2008	9/6/2008
20	PBLK25	BLANKA	9/5/2008	9/5/2008
21	LCSEC	LCSA	9/5/2008	9/5/2008

ASX04 0624

COMMENTS:

FORM IV

1D

ORGANICS ANALYSIS DATA SHEET

SAMPLE CODE NO.

PBLK25

Lab Name: Lancaster Laboratories **Contract:** **Batchnumber:** 082470004A

Lab Code: **Case No.:** **SAS No.:** **SDG No.:**

Matrix: (soil/water) SOIL **Lab Sample ID:** BLANKA

Sample wt/vol: 30 **(g/ml)** g **Lab File ID:** 9P2235.23R

% Moisture: **Decanted: (Y/N)** **Date Received:**

Extraction: (SepF/Cont/Sonc) SONC **Date Extracted:** 9/4/2008

Concentrated Extract Volume: 10000 **(uL)** **Date Analyzed:** 9/5/2008

Injection Volume: 1 **(uL)** **Dilution Factor:** 1

GPC Cleanup: (Y/N) N **pH:** **Sulfur Cleanup: (Y/N)** Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (UG/L or UG/KG) ug/kg	Q
12674-11-2	Aroclor-1016	3.3	U
11104-28-2	Aroclor-1221	5.2	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	3.3	U

6SX84 8625

FORM I

Sample Data

ASX84 8626

Analysis LOQ/MDL Report

Analysis: 01216 Name: PCBs in Solids

Description: Default Values

Compound	Units	LOQ	MDL
Aroclor-1260	ug/kg	17	3.3
Aroclor-1254	ug/kg	17	3.3
Aroclor-1221	ug/kg	17	5.2
Aroclor-1232	ug/kg	17	3.3
Aroclor-1248	ug/kg	17	3.3
Aroclor-1016	ug/kg	17	3.3
Aroclor-1242	ug/kg	17	3.3

ASX84 8627

Multiple Component Data Summary

Sample Name: 5454409 ACF DF250 AMSS1 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 18:14:12
Instrument H2601A
Result file 10P2235.15R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 219.5% Conc: 21.98395

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**29.58**	
6.03	6.07	6.09	8045.498535	9542.911065			1
6.14	6.17	6.20	22060.60937	12849.758538			2
6.41	6.44	6.47	41770.03125	20805.306335			3
6.68	6.71	6.74	47118.51953	21635.730792			4
6.77	6.80	6.83	19045.69726	15785.76085			5
6.98	7.02	7.04	27432.08398	20861.496864			6

Height summation: **165472.439941**
Concentration CF: **16913.494074** L:

Analysis Report (B)

Injected on Sep 08, 2008 18:14:12
Instrument H2601B
Result file 10P2235B.15R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 70.8% Conc: 7.067194
%SSR(DCB) * 277.1% Conc: 27.74781

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**25.76**	
5.43	5.46	5.49	10842.25097	10031.385962			1
5.54	5.57	5.60	32505.07617	11265.793275			2
5.74	5.77	5.80	56815.55859	16891.620041			3
6.06	6.09	6.12	44587.98437	19728.625648			4
6.35	6.38	6.41	40110.02343	15691.024097			5
7.51	7.55	7.57	34742.49218	18836.842887			6

Height summation: **219603.385744**
Concentration CF: **15407.548652** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<4250	<825			4	15	
Aroclor-1221			<4250	<1300			3	5	
Aroclor-1232			<4250	<825			4	10	
Aroclor-1242			<4250	<825			4	30	
Aroclor-1248			<4250	<825			4	30	
Aroclor-1254			<4250	<825			4	40	
Aroclor-1260	A	16913.494074	4250	825		9.32	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James H Billhart Date: 9-9-08
Verified By: A Carey 1151 Date: 9.10.08

ASX04 8628

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454409** ACF DF250 AMSS1 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:14:12
Instrument : CP02--H2601A
Result file : 10P2235.15R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *219.5% Conc.: 21.983955

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	187.76	
3.73	3.74	3.79	58.660923	72.360431			1
4.26	4.29	4.32	77.951408	78.042562			2
4.71	4.75	4.77	196.291107	214.205545			4
5.14	5.20	5.20	129.862106	180.086703			5
5.38	5.42	5.44	2856.512939	3685.579661			6
Height Summation:			**3319.278483**				
Amount Avg CF:			**846.05498**	Linear:			
Aroclor-1221					1		
3.72	3.74	3.78	58.660923	50.974038			3
Height Summation:			**58.660923**				
Amount Avg CF:			**50.974038**	Linear:			
Aroclor-1232					4	195.53	
3.72	3.74	3.78	58.660923	61.660069			1
4.26	4.29	4.32	77.951408	162.805781			2
4.70	4.75	4.76	196.291107	461.101966			4
5.38	5.42	5.44	2856.512939	40142.1155			6
Height Summation:			**3189.416377**				
Amount Avg CF:			**10206.920829**	Linear:			
Aroclor-1242					5	211.51	
3.73	3.74	3.79	58.660923	86.574165			1
4.26	4.29	4.32	77.951408	97.346781			2
4.71	4.75	4.77	196.291107	273.83598			4
5.14	5.20	5.20	129.862106	218.16031			5
5.38	5.42	5.44	2856.512939	14919.633025			6
Height Summation:			**3319.278483**				
Amount Avg CF:			**3119.110052**	Linear:			
Aroclor-1248					3	22.38	
5.62	5.65	5.68	5594.987793	4502.932903			4
5.96	6.00	6.02	3910.30542	5959.988313			5
6.26	6.29	6.32	3304.85498	7121.550002			6
Height Summation:			**12810.148193**				
Amount Avg CF:			**5861.490406**	Linear:			
Aroclor-1254					5	113.42	
5.61	5.65	5.67	5594.987793	3646.296237			2
5.96	6.00	6.02	3910.30542	1780.29304			3
6.26	6.29	6.32	3304.85498	1993.625295			4
6.52	6.56	6.58	13018.16406	11559.574871			5
6.68	6.71	6.74	47118.51953	25404.686692			6
Height Summation:			**72946.831787**				
Amount Avg CF:			**8876.895227**	Linear:			
Aroclor-1260					6	29.58	
6.03	6.07	6.09	8045.498535	9542.911065			1
6.14	6.17	6.20	22060.60937	12849.758538			2
6.41	6.44	6.47	41770.03125	20805.306335			3
6.68	6.71	6.74	47118.51953	21635.730792			4
6.77	6.80	6.83	19045.69726	15785.76085			5
6.98	7.02	7.04	27432.08398	20861.496864			6
Height Summation:			**165472.439941**				
Amount Avg CF:			**16913.494074**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:14:12
Instrument : CP02--H2601B
Result file : 10P2235B.15R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 70.8% Conc.: 7.067194
%SSR(DCB) : *277.1% Conc.: 27.747812

diluted out

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	139.40	
3.32	3.37	3.38	2641.769043	1754.176689			1
3.65	3.68	3.71	117.459747	52.030896			2
4.35	4.40	4.41	218.838226	215.04213			5
Height Summation:			**2978.067016**				
Amount Avg CF:			**673.749905**	Linear:			
Aroclor-1221					3	112.29	
3.14	3.17	3.20	325.353424	387.380845			1
3.23	3.26	3.29	22.24856	36.914817			2
3.32	3.37	3.38	2641.769043	1263.182352			3
Height Summation:			**2989.371027**				
Amount Avg CF:			**562.492671**	Linear:			
Aroclor-1232					3	106.85	
3.32	3.37	3.38	2641.769043	1524.24995			1
3.65	3.68	3.71	117.459747	98.025259			2
4.34	4.40	4.40	218.838226	459.473894			5
Height Summation:			**2978.067016**				
Amount Avg CF:			**693.916368**	Linear:			
Aroclor-1242					3	138.93	
3.32	3.37	3.38	2641.769043	2099.841857			1
3.65	3.68	3.71	117.459747	65.7066			2
4.35	4.40	4.41	218.838226	258.96789			5
Height Summation:			**2978.067016**				
Amount Avg CF:			**808.172116**	Linear:			
Aroclor-1248					3	97.19	
4.14	4.15	4.20	321.689026	750.685198			1
4.35	4.40	4.41	218.838226	193.095097			2
4.87	4.90	4.93	3497.452637	2124.597331			5
Height Summation:			**4037.979889**				
Amount Avg CF:			**1022.792542**	Linear:			
Aroclor-1254					6	152.37	
5.24	5.27	5.30	709.912903	623.890574			1
5.32	5.35	5.38	3516.797852	1721.813826			2
5.41	5.46	5.47	10842.25097	2917.905679			3
5.64	5.67	5.70	1482.234375	566.613231			4
5.94	5.98	6.00	1547.806152	1019.478799			5
6.05	6.09	6.11	44587.98437	14434.892092			6
Height Summation:			**62686.986634**				
Amount Avg CF:			**3547.432367**	Linear:			
Aroclor-1260					6	25.76	
5.43	5.46	5.49	10842.25097	10031.385962			1
5.54	5.57	5.60	32505.07617	11265.793275			2
5.74	5.77	5.80	56815.55859	16891.620041			3
6.06	6.09	6.12	44587.98437	19728.625648			4
6.35	6.38	6.41	40110.02343	15691.024097			5
7.51	7.55	7.57	34742.49218	18836.842887			6
Height Summation:			**219603.385744**				
Amount Avg CF:			**15407.548652**	Linear:			

ASX04 8629

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:25:42

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454409** ACF DF250 AMSS1 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:14:12
Instrument : CP02--H2601A
Result file : 10P2235.15R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**51.91**	
6.03	6.07	6.09	8045.498535	8089.79827			1
6.13	6.17	6.19	22060.60937	14085.162295			2
6.40	6.44	6.46	41770.03125	24274.729084			3
6.67	6.71	6.73	47118.51953	30343.432199			4
6.76	6.80	6.82	19045.69726	8990.591246			5
6.98	7.02	7.04	27432.08398	15615.889896			6
Height Summation:			**165472.439941**				
Amount Avg CF:			**16899.933832**	Linear:			
Aroclor-1268					**5**	**70.82**	
6.76	6.80	6.82	19045.69726	20121.828766			1
7.00	7.02	7.06	27432.08398	23894.211459			2
7.66	7.70	7.72	42621.93359	9500.74228			3
8.01	8.05	8.07	423.0784	114.31101			4
8.51	8.55	8.57	18101.36132	12234.075087			6
Height Summation:			**107624.154572**				
Amount Avg CF:			**13173.03372**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:14:12
Instrument : CP02--H2601B
Result file : 10P2235B.15R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**79.23**	
6.05	6.09	6.11	44587.98437	36217.768835			1
6.14	6.18	6.20	11871.35937	11727.217796			2
6.44	6.48	6.50	18158.55078	12309.732465			3
6.88	6.92	6.94	17048.98828	6251.37149			4
7.34	7.37	7.40	13405.28808	11630.489123			5
7.86	7.90	7.92	8447.948242	6462.870726			6
Height Summation:			**113520.119140**				
Amount Avg CF:			**14099.908406**	Linear:			
Aroclor-1268					**6**	**158.89**	
6.10	6.13	6.16	18349.87890	11265.451209			1
6.35	6.38	6.41	40110.02343	19354.315811			2
E 6.60	6.63	6.66	115981.25	128478.850292			3
6.94	6.98	7.00	85493.30468	12615.964504			4
7.16	7.20	7.22	888.679077	129.153318			5
7.51	7.55	7.57	34742.49218	10967.958743			6
Height Summation:			**295565.628297**				
Amount Avg CF:			**30468.615646**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4250	825		22.67	4	15	
Aroclor-1221			4250	825		** 166.76	3	5	
			4250	1300					
Aroclor-1232			4250	825		** 174.54	4	10	
Aroclor-1242			4250	825		** 117.69	4	30	
Aroclor-1248			4250	825		** 140.57	4	30	
Aroclor-1254			4250	825		** 85.79	4	40	
Aroclor-1260			4250	825		9.32	4	40	
Aroclor-1262			4250	825		18.06	4	40	
Aroclor-1268			4250	825		** 79.26	4	40	

Units: _____

ASX04 0638

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:25:42

Sample Name: **5454409ACF DF250 ADAMSS1 T 082470004A 00042**
Acquired from CP02--H2601A via port 1 on 9/8/08 06:24:12pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.15R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.160		0.0000	0.000	3588.7	0.340	BB	0.095	627.19	0.149
2	2.305		0.0000	0.000	3851.4	0.365	BB	0.075	850.67	0.202
3	2.438		0.0000	0.000	1227.3	0.116	BB	0.055	374.73	0.089
4	2.543		0.0000	0.000	1419.3	0.134	BB	0.057	415.04	0.099
5	2.730		0.0000	0.000	403.6	0.038	BB	0.074	90.87	0.022
6	2.840		0.0000	0.000	387.4	0.037	BB	0.100	64.40	0.015
7	2.934		0.0000	0.000	556.1	0.053	BB	0.047	195.91	0.047
8	3.126		0.0000	0.000	9704.7	0.919	BB	0.113	1433.41	0.341
9	3.388		0.0000	0.000	9177.8	0.869	BB	0.153	1003.01	0.238
10	3.532		0.0000	0.000	824.8	0.078	BB	0.042	329.41	0.078
11	3.642		0.0000	0.000	181.9	0.017	BB	0.043	70.13	0.017
12	3.740		0.0000	0.000	116.8	0.011	BB	0.033	58.66	0.014
13	3.864		0.0000	0.000	3307.3	0.313	BB	0.038	1453.20	0.345
14	4.169		0.0000	0.000	5118.0	0.484	BB	0.189	450.69	0.107
15	4.295		0.0000	0.000	129.9	0.012	BB	0.028	77.95	0.019
16	4.397		0.0000	0.000	294.4	0.028	BB	0.045	108.43	0.026
17	4.496		0.0000	0.000	39.8	0.004	BB	0.021	32.25	0.008
18	4.619		0.0000	0.000	1484.6	0.141	BB	0.084	295.36	0.070
19	4.752		0.0000	0.000	507.8	0.048	BB	0.043	196.29	0.047
20	4.910		0.0000	0.000	1074.6	0.102	BB	0.038	472.46	0.112
21	5.198		0.0000	0.000	1323.5	0.125	BB	0.170	129.86	0.031
22	5.305		0.0000	0.000	2010.5	0.190	BB	0.079	423.77	0.101
23	5.416		0.0000	0.000	16215.3	1.535	BB	0.095	2856.51	0.679
24	5.590		0.0000	0.000	1199.0	0.114	BB	0.044	452.21	0.107
25	5.646		0.0000	0.000	13340.4	1.263	BB	0.040	5594.99	1.330
26	5.750		0.0000	0.000	402.3	0.038	BB	0.022	305.35	0.073
27	5.842		0.0000	0.000	548.6	0.052	BB	0.032	286.54	0.068
28	5.930		0.0000	0.000	7497.0	0.710	BB	0.049	2571.86	0.611
29	5.998		0.0000	0.000	6439.0	0.610	BB	0.027	3910.31	0.929
30	6.070		0.0000	0.000	24818.7	2.349	BB	0.051	8045.50	1.912
31	6.170		0.0000	0.000	50906.1	4.819	BB	0.038	22060.61	5.244
32	6.291		0.0000	0.000	6705.6	0.635	BB	0.034	3304.85	0.786
33	6.370		0.0000	0.000	11028.0	1.044	BB	0.028	6680.89	1.588
34	6.444		0.0000	0.000	116624.4	11.040	BB	0.047	41770.03	9.929
35	6.560		0.0000	0.000	28121.1	2.662	BB	0.036	13018.16	3.094
36	6.665		0.0000	0.000	2967.5	0.281	BB	0.024	2024.20	0.481
37	6.712		0.0000	0.000	106397.5	10.072	BB	0.038	47118.52	11.200
38	6.800		0.0000	0.000	33484.7	3.170	BB	0.029	19045.70	4.527
39	6.857		0.0000	0.000	17657.6	1.672	BB	0.029	10015.10	2.381
40	7.017		0.0000	0.000	69049.4	6.537	BB	0.042	27432.08	6.521
41	7.097		0.0000	0.000	18661.6	1.767	BB	0.028	11018.45	2.619
42	7.152		0.0000	0.000	7605.7	0.720	BB	0.026	4837.79	1.150
43	7.278		0.0000	0.000	15970.0	1.512	BB	0.035	7634.11	1.815
44	7.366		0.0000	0.000	189443.3	17.934	BB	0.042	75199.65	17.875
45	7.701		0.0000	0.000	94290.5	8.926	BB	0.037	42621.93	10.131
46	7.796		0.0000	0.000	16745.6	1.585	BB	0.034	8117.78	1.930
47	8.045		0.0000	0.000	1617.8	0.153	BB	0.064	423.08	0.101
48	8.212		0.0000	0.000	46924.8	4.442	BB	0.080	9735.74	2.314
49	8.553		0.0000	0.000	49350.2	4.672	BB	0.045	18101.36	4.303
50	8.656		0.0000	0.000	3237.1	0.306	BB	0.050	1083.78	0.258
51	8.820		0.0000	0.000	1034.1	0.098	BB	0.045	378.91	0.090
52	8.960		0.0000	0.000	527.2	0.050	BB	0.038	230.22	0.055
53	9.037		0.0000	0.000	10843.6	1.027	BB	0.051	3521.27	0.837
54	9.192		0.0000	0.000	1915.9	0.181	BB	0.077	414.71	0.099
55	9.348		0.0000	0.000	150.8	0.014	BB	0.037	68.64	0.016
56	9.431 DCB		659.5187	100.000	1741.5	0.165	BB	0.048	603.14	0.143
57	9.589		0.0000	0.000	1413.3	0.134	BB	0.101	234.20	0.056
58	9.625		0.0000	0.000	426.3	0.040	BB	0.072	98.49	0.023
59	9.728		0.0000	0.000	96.6	0.009	BB	0.023	70.78	0.017
60	9.780		0.0000	0.000	194.3	0.018	BB	0.033	99.09	0.024
61	9.845		0.0000	0.000	1169.7	0.111	BB	0.047	415.84	0.099
62	9.918		0.0000	0.000	32868.3	3.111	BB	0.054	10139.33	2.410

ASXB4 8631

Total Area = 1056361.0, Total Amount = 659.519, Total Height = 420695.5, Sample Units = ug/l

ASX04 0632

Sample Name: **5454409ACF DF250 ADAMSS1 T 082470004A 00042**
Acquired from CP02--H2601B via port 2 on 9/8/08 06:24:12pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.15R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	1669.7	0.108	BB	0.034	819.03	0.126
2	2.129		0.0000	0.000	246.7	0.016	BB	0.025	167.17	0.026
3	2.197		0.0000	0.000	26.6	0.002	BB	0.011	41.60	0.006
4	2.237		0.0000	0.000	431.8	0.028	BB	0.024	298.48	0.046
5	2.293		0.0000	0.000	1135.4	0.074	BB	0.037	507.18	0.078
6	2.414		0.0000	0.000	121.0	0.008	BB	0.047	43.09	0.007
7	2.512		0.0000	0.000	705.3	0.046	BB	0.049	242.16	0.037
8	2.579		0.0000	0.000	1152.9	0.075	BB	0.034	569.99	0.087
9	2.681		0.0000	0.000	109.8	0.007	BB	0.031	59.31	0.009
10	2.713		0.0000	0.000	4772.4	0.310	BB	0.038	2082.43	0.320
11	2.835		0.0000	0.000	15250.8	0.990	BB	0.083	3046.40	0.467
12	2.929	TCX	212.0158	20.299	837.9	0.054	BB	0.031	451.79	0.069
13	2.979		0.0000	0.000	102.0	0.007	BB	0.009	183.78	0.028
14	3.047		0.0000	0.000	23.6	0.002	BB	0.009	41.88	0.006
15	3.109		0.0000	0.000	1750.4	0.114	BB	0.037	796.21	0.122
16	3.174		0.0000	0.000	484.6	0.031	BB	0.025	325.35	0.050
17	3.230		0.0000	0.000	28.0	0.002	BB	0.018	25.46	0.004
18	3.264		0.0000	0.000	25.8	0.002	BB	0.019	22.25	0.003
19	3.313		0.0000	0.000	266.4	0.017	BB	0.041	109.15	0.017
20	3.370		0.0000	0.000	6834.3	0.444	BB	0.043	2641.77	0.405
21	3.548		0.0000	0.000	1545.1	0.100	BB	0.064	401.27	0.062
22	3.630		0.0000	0.000	91.1	0.006	BB	0.042	36.28	0.006
23	3.680		0.0000	0.000	424.7	0.028	BB	0.060	117.46	0.018
24	3.830		0.0000	0.000	1402.2	0.091	BB	0.075	309.92	0.048
25	3.896		0.0000	0.000	423.0	0.027	BB	0.033	211.79	0.033
26	4.031		0.0000	0.000	521.2	0.034	BB	0.035	250.90	0.039
27	4.147		0.0000	0.000	784.7	0.051	BB	0.041	321.69	0.049
28	4.226		0.0000	0.000	943.9	0.061	BB	0.041	381.93	0.059
29	4.296		0.0000	0.000	138.5	0.009	BB	0.041	56.78	0.009
30	4.404		0.0000	0.000	1509.3	0.098	BB	0.115	218.84	0.034
31	4.447		0.0000	0.000	117.3	0.008	BB	0.023	84.97	0.013
32	4.496		0.0000	0.000	917.1	0.060	BB	0.059	261.24	0.040
33	4.585		0.0000	0.000	2931.3	0.190	BB	0.024	2074.81	0.318
34	4.763		0.0000	0.000	18771.0	1.218	BB	0.310	1010.45	0.155
35	4.814		0.0000	0.000	473.7	0.031	BB	0.024	322.71	0.050
36	4.898		0.0000	0.000	8540.8	0.554	BB	0.041	3497.45	0.537
37	5.002		0.0000	0.000	1376.5	0.089	BB	0.033	692.27	0.106
38	5.052		0.0000	0.000	22606.7	1.467	BB	0.044	8594.36	1.319
39	5.270		0.0000	0.000	1869.3	0.121	BB	0.044	709.91	0.109
40	5.311		0.0000	0.000	843.7	0.055	BB	0.019	753.04	0.116
41	5.347		0.0000	0.000	4631.7	0.301	BB	0.022	3516.80	0.540
42	5.459		0.0000	0.000	26445.4	1.716	BB	0.041	10842.25	1.664
43	5.496		0.0000	0.000	3559.8	0.231	BB	0.024	2516.38	0.386
44	5.574		0.0000	0.000	73201.3	4.750	BB	0.038	32505.08	4.988
45	5.672		0.0000	0.000	1889.5	0.123	BB	0.021	1482.23	0.227
46	5.707		0.0000	0.000	11314.4	0.734	BB	0.027	6874.11	1.055
47	5.768		0.0000	0.000	134729.0	8.743	BB	0.040	56815.56	8.719
48	5.910		0.0000	0.000	93184.2	6.047	BB	0.037	42250.18	6.484
49	5.978		0.0000	0.000	1559.8	0.101	BB	0.017	1547.81	0.238
50	6.038		0.0000	0.000	11559.5	0.750	BB	0.024	8057.51	1.237
51	6.087		0.0000	0.000	72907.7	4.731	BB	0.027	44587.98	6.842
52	6.126		0.0000	0.000	23425.4	1.520	BB	0.021	18349.88	2.816
53	6.178		0.0000	0.000	18771.5	1.218	BB	0.026	11871.36	1.822
54	6.314		0.0000	0.000	12971.1	0.842	BB	0.036	5961.32	0.915
55	6.383		0.0000	0.000	98453.0	6.389	BB	0.041	40110.02	6.155
56	6.479		0.0000	0.000	28995.7	1.882	BB	0.027	18158.55	2.787
57	6.523		0.0000	0.000	5478.8	0.356	BB	0.019	4866.53	0.747
58	6.560		0.0000	0.000	5882.0	0.382	BB	0.020	4822.45	0.740
59	6.634		0.0000	0.000	284175.4	18.442	BB	0.041	115981.30	17.798
60	6.813		0.0000	0.000	495.9	0.032	BB	0.019	438.84	0.067
61	6.920		0.0000	0.000	28100.2	1.824	BB	0.027	17048.99	2.616
62	6.978		0.0000	0.000	205463.0	13.334	BB	0.040	85493.30	13.120

ASX84 R633

5454409ACF DF250 ADAMSS1 T 082470004A 00042

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.195		0.0000	0.000	1279.5	0.083	BB	0.024	888.68	0.136
64	7.260		0.0000	0.000	11258.7	0.731	BB	0.054	3481.12	0.534
65	7.375		0.0000	0.000	31393.0	2.037	BB	0.039	13405.29	2.057
66	7.475		0.0000	0.000	184.2	0.012	BB	0.015	198.77	0.031
67	7.546		0.0000	0.000	94156.9	6.110	BB	0.045	34742.49	5.332
68	7.681		0.0000	0.000	362.0	0.023	BB	0.049	122.87	0.019
69	7.788		0.0000	0.000	1669.2	0.108	BB	0.053	520.72	0.080
70	7.902		0.0000	0.000	26005.0	1.688	BB	0.051	8447.95	1.296
71	8.152		0.0000	0.000	1182.1	0.077	BB	0.055	361.28	0.055
72	8.224	DCB	832.4344	79.701	7741.8	0.502	BB	0.084	1531.44	0.235
73	8.379		0.0000	0.000	408.5	0.027	BB	0.028	244.32	0.037
74	8.413		0.0000	0.000	91.6	0.006	BB	0.016	96.49	0.015
75	8.480		0.0000	0.000	8084.9	0.525	BB	0.074	1814.47	0.278
76	8.680		0.0000	0.000	183.7	0.012	BB	0.034	89.84	0.014
77	8.697		0.0000	0.000	524.1	0.034	BB	0.059	148.24	0.023
78	8.829		0.0000	0.000	3066.5	0.199	BB	0.069	741.58	0.114
79	8.946		0.0000	0.000	1843.4	0.120	BB	0.059	521.48	0.080
80	9.031		0.0000	0.000	505.4	0.033	BB	0.039	218.13	0.033
81	9.180		0.0000	0.000	27020.5	1.754	BB	0.144	3116.63	0.478
82	9.429		0.0000	0.000	2922.6	0.190	BB	0.093	525.72	0.081
83	9.679		0.0000	0.000	34471.0	2.237	BB	0.207	2771.43	0.425
84	9.927		0.0000	0.000	37168.0	2.412	BB	0.058	10766.05	1.652

Total Area = 1540923.0, Total Amount = 1044.45, Total Height = 651635.9, Sample Units = ug/l

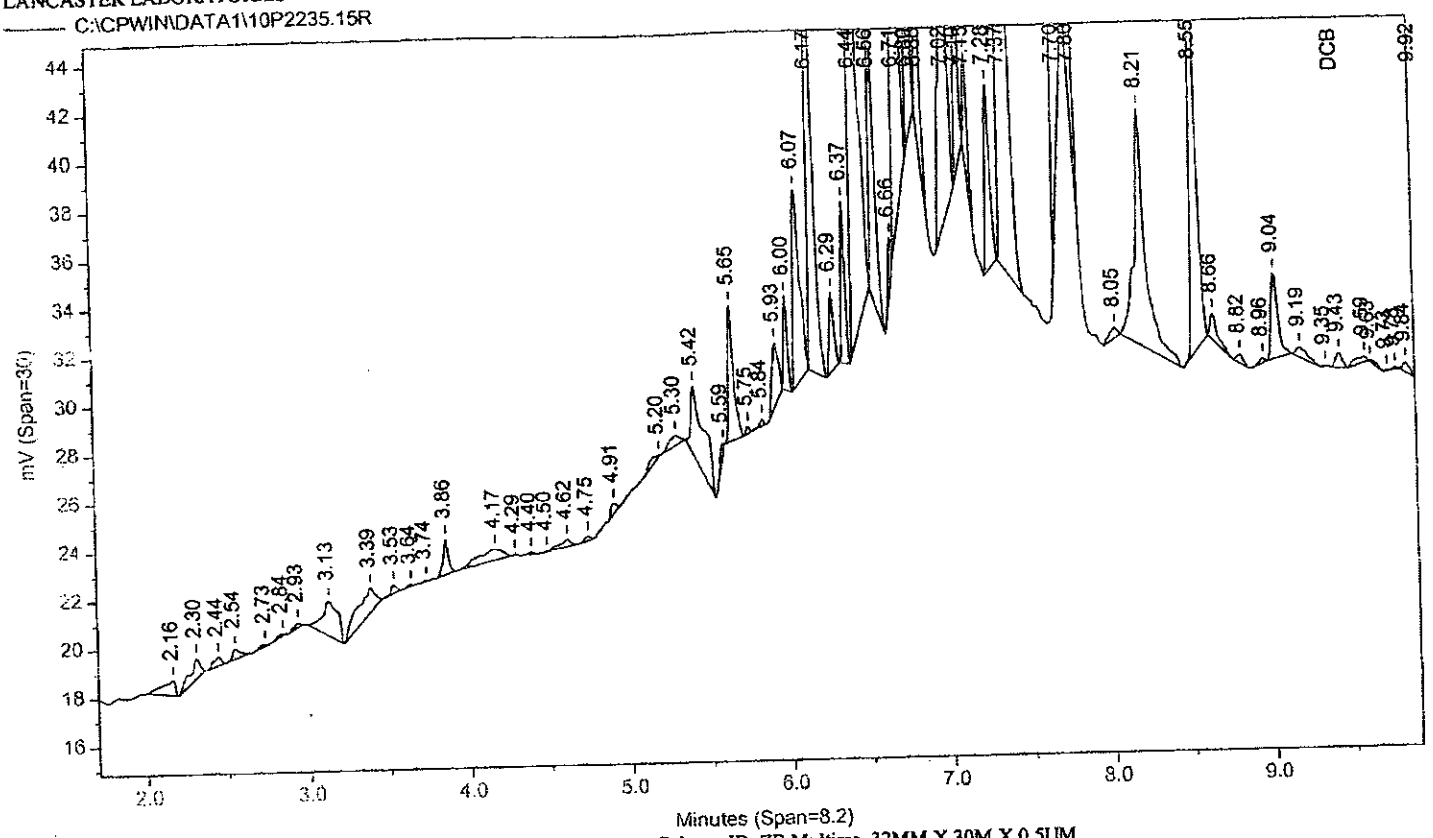
ASXB4 B634

5454409ACF DF250 ADAMSS1 T 082470004A 00042

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.15R

C:\CPWIN\DATA1\10P2235.15R

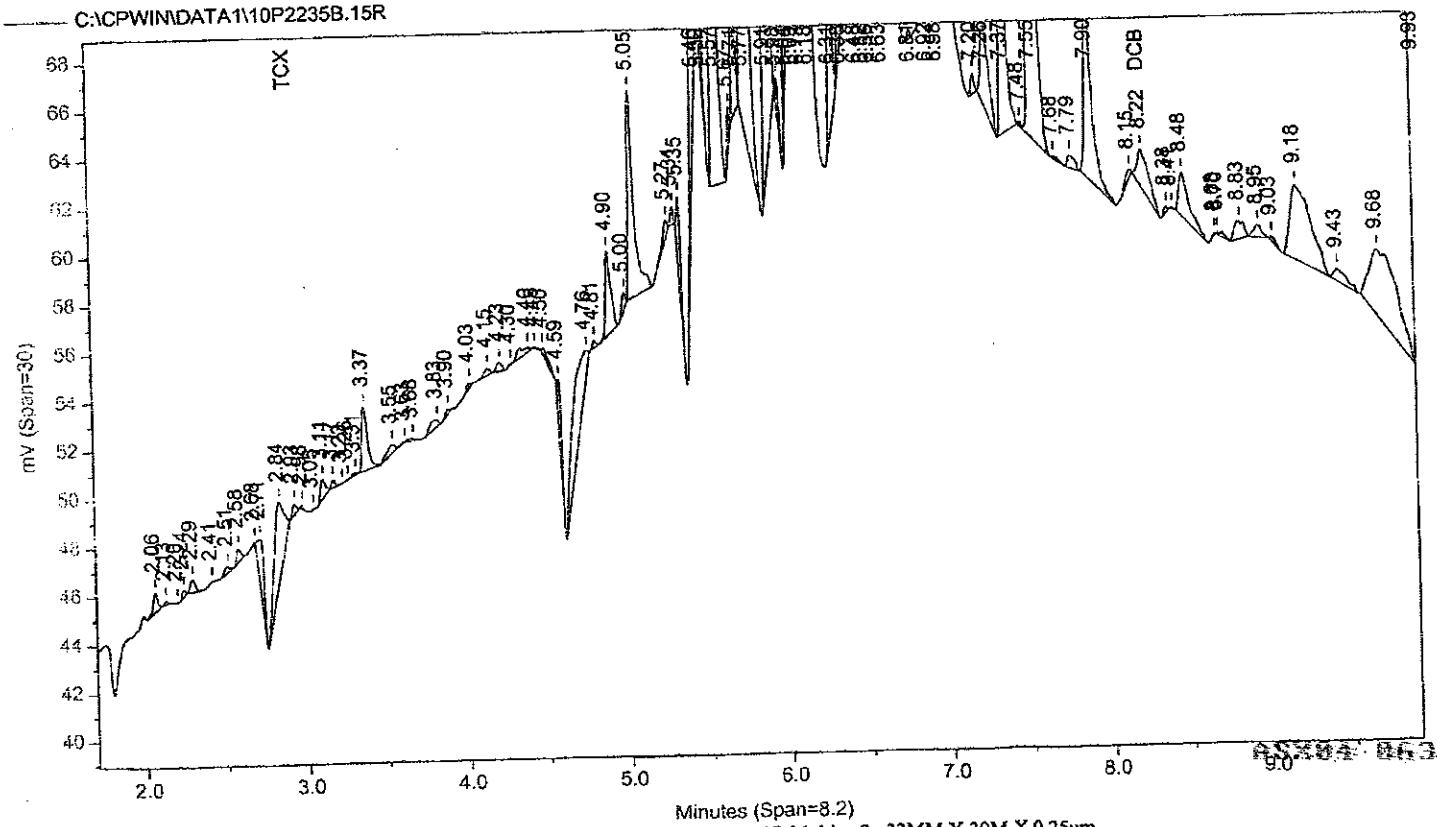


Instrument ID: CP02--H2601A Injected On: 9/8/2008 6:14:12 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.15R

C:\CPWIN\DATA1\10P2235B.15R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 6:14:12 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 2500

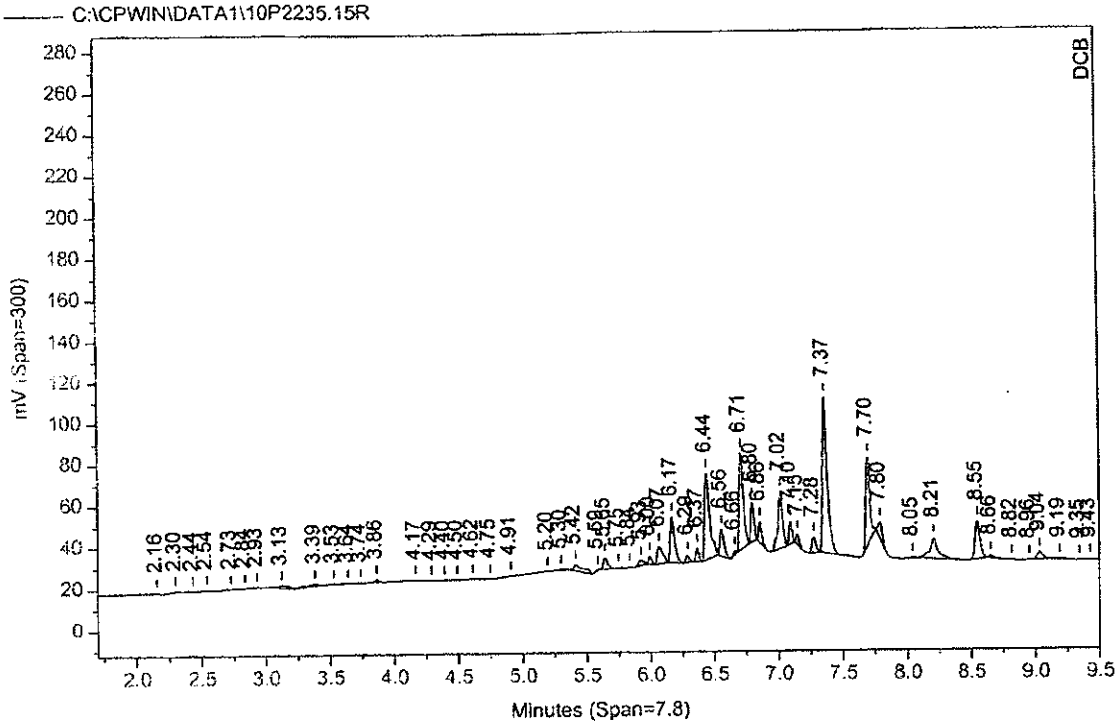
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.929	452	7.06719	TCX
9.431	603	21.98396	DCB	8.224	1531	27.74781	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.15A
Area File: C:\CPWIN\DATA1\10P2235B.15A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 6:24:16 PM
File Reported On: 9/8/2008 at 6:24:21 PM

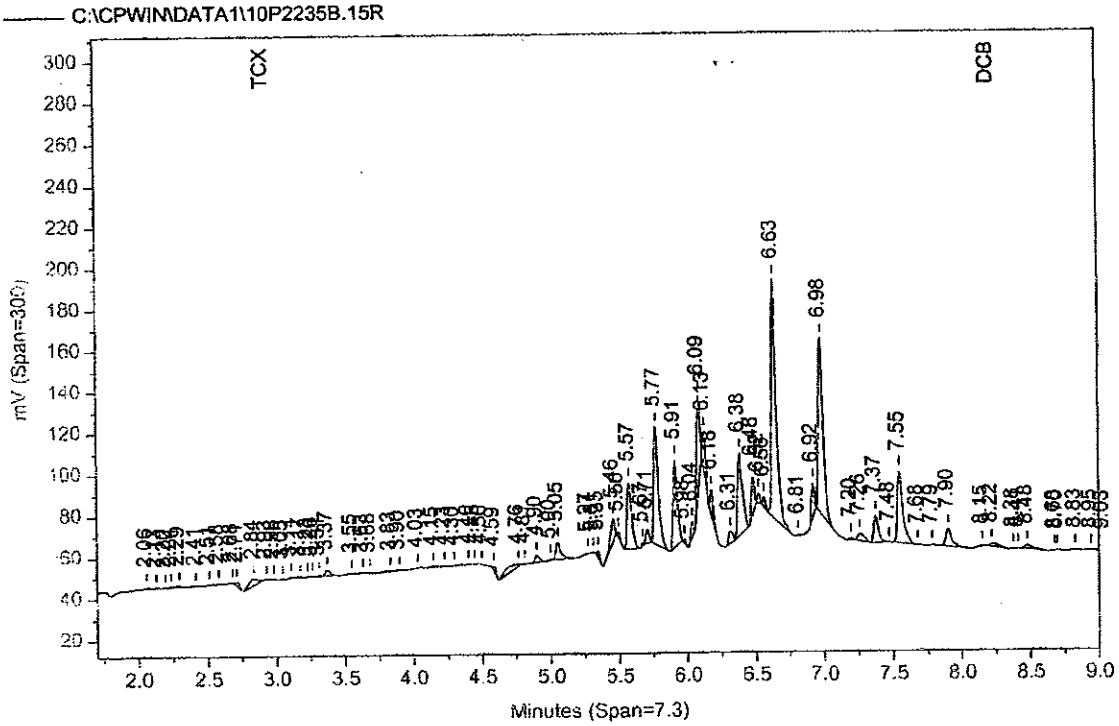
10X REPLOTS

ASX04 8636

C:\CPWIN\DATA1\10P2235.15R



C:\CPWIN\DATA1\10P2235B.15R



ASX84 8637

Multiple Component Data Summary

Sample Name: 5454410 ACF DF1000 AMSS2 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 18:57:31
Instrument H2601A
Result file 10P2235.18R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.90**	
6.03	6.07	6.09	6902.705078	32749.692454			1
6.14	6.17	6.20	17964.79101	41856.183175			2
6.41	6.44	6.47	29970.99804	59713.222795			3
6.68	6.71	6.74	31234.58593	57368.78828			4
6.77	6.80	6.83	13001.88476	43105.724227			5
6.98	7.01	7.04	17779.0625	54082.344864			6

Height summation: **116854.027345**
Concentration CF: **48145.992633** L:

Analysis Report (B)

Injected on Sep 08, 2008 18:57:31
Instrument H2601B
Result file 10P2235B.18R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 100.4% Conc: 10.0159
%SSR(DCB) * 185.7% Conc: 18.5929

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.66**	
5.43	5.46	5.49	9210.541992	34086.833753			1
5.54	5.57	5.60	28490.98437	39498.266483			2
5.74	5.77	5.80	42579.50781	50636.613303			3
6.06	6.08	6.12	33562.98437	59401.792986			4
6.35	6.38	6.41	27968.25585	43764.679152			5
7.51	7.54	7.57	19924.64648	43211.342857			6

Height summation: **161736.920898**
Concentration CF: **45099.921422** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17000	<3300			4	15	
Aroclor-1221			<17000	<5200			3	5	
Aroclor-1232			<17000	<3300			4	10	
Aroclor-1242			<17000	<3300			4	30	
Aroclor-1248			<17000	<3300			4	30	
Aroclor-1254			<17000	<3300			4	40	
Aroclor-1260	A	48145.992633	17000	3300		6.53	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James H Brillhart Date: 9-9-08

Verified By: A Carey 1151 Date: 9.1008

ASX04-0638

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454410** ACF DF1000 AMSS2 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 18:57:31
Instrument : CP02--H2601A
Result file : 10P2235.18R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	183.95	
3.73	3.75	3.79	44.342651	218.79324			1
4.55	4.56	4.61	143.846939	258.188879			3
4.71	4.71	4.77	97.841713	427.084809			4
5.38	5.41	5.44	2733.07959	14105.28538			6
Height Summation:			3019.110893				
Amount Avg CF:			3752.338077	Linear:			
Aroclor-1221					2	101.97	
3.65	3.65	3.71	79.960281	950.889297			2
3.72	3.75	3.78	44.342651	154.128088			3
Height Summation:			124.302932				
Amount Avg CF:			552.508693	Linear:			
Aroclor-1232					4	197.19	
3.72	3.75	3.78	44.342651	186.438997			1
4.55	4.56	4.61	143.846939	529.267395			3
4.70	4.71	4.76	97.841713	919.348959			4
5.38	5.41	5.44	2733.07959	153630.106239			6
Height Summation:			3019.110893				
Amount Avg CF:			38816.290398	Linear:			
Aroclor-1242					4	194.81	
3.73	3.75	3.79	44.342651	261.770719			1
4.55	4.56	4.61	143.846939	326.072626			3
4.71	4.71	4.77	97.841713	545.976468			4
5.38	5.41	5.44	2733.07959	57099.751175			6
Height Summation:			3019.110893				
Amount Avg CF:			14558.392747	Linear:			
Aroclor-1248					4	65.20	
4.55	4.56	4.61	143.846939	516.818568			1
5.62	5.64	5.68	4833.000488	15558.694834			4
5.96	5.99	6.02	3194.358154	19475.038616			5
6.26	6.29	6.32	1994.693726	17193.264084			6
Height Summation:			10165.899307				
Amount Avg CF:			13185.954026	Linear:			
Aroclor-1254					6	123.43	
4.82	4.85	4.88	164.527527	711.86503			1
5.61	5.64	5.67	4833.000488	12598.813183			2
5.96	5.99	6.02	3194.358154	5817.339545			3
6.26	6.29	6.32	1994.693726	4813.127223			4
6.52	6.56	6.58	9271.476563	32930.7042			5
6.68	6.71	6.74	31234.58593	67362.461947			6
Height Summation:			50692.642396				
Amount Avg CF:			20705.718521	Linear:			
Aroclor-1260					6	21.90	
6.03	6.07	6.09	6902.705078	32749.692454			1
6.14	6.17	6.20	17964.79101	41856.183175			2
6.41	6.44	6.47	29970.99804	59713.222795			3
6.68	6.71	6.74	31234.58593	57368.78828			4
6.77	6.80	6.83	13001.88476	43105.724227			5
6.98	7.01	7.04	17779.0625	54082.344864			6
Height Summation:			116854.027345				
Amount Avg CF:			48145.992633	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:57:31
Instrument : CP02--H2601B
Result file : 10P2235B.18R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 100.4% Conc.: 10.01599
%SSR(DCB) : *185.7% Conc.: 18.592909

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	158.13	
3.32	3.36	3.38	34478.50781	91577.111672			1
4.08	4.11	4.14	81.521248	85.478761			4
4.66	4.72	4.72	1793.909546	5649.560754			6
Height Summation:			36353.938607				
Amount Avg CF:			32437.383729	Linear:			
Aroclor-1221					3	164.53	
3.14	3.18	3.20	363.338013	1730.428218			1
3.23	3.28	3.29	83.508476	554.229142			2
E 3.32	3.36	3.38	34478.50781	65944.663402			3
Height Summation:			34925.354302				
Amount Avg CF:			22743.106921	Linear:			
Aroclor-1232					2	140.84	
E 3.32	3.36	3.38	34478.50781	79573.744635			1
4.07	4.11	4.13	81.521248	165.009408			4
Height Summation:			34560.029061				
Amount Avg CF:			39869.377022	Linear:			
Aroclor-1242					3	156.15	
E 3.32	3.36	3.38	34478.50781	109622.624358			1
4.08	4.11	4.14	81.521248	108.264106			4
4.66	4.72	4.72	1793.909546	7741.712178			6
Height Summation:			36353.938607				
Amount Avg CF:			39157.533547	Linear:			
Aroclor-1248					3	75.94	
4.14	4.16	4.20	178.35498	1664.818289			1
4.66	4.72	4.72	1793.909546	5101.2787			4
4.87	4.89	4.93	4197.798828	10200.146347			5
Height Summation:			6170.063354				
Amount Avg CF:			5655.414445	Linear:			
Aroclor-1254					6	139.07	
5.24	5.26	5.30	1270.817993	4467.316277			1
5.32	5.34	5.38	3004.384766	5883.751578			2
5.41	5.46	5.47	9210.541992	9915.097092			3
5.64	5.67	5.70	1078.807861	1649.582058			4
5.94	5.98	6.00	1269.097656	3343.61807			5
6.05	6.08	6.11	33562.98437	43462.656097			6
Height Summation:			49396.634643				
Amount Avg CF:			11453.670195	Linear:			
Aroclor-1260					6	19.66	
5.43	5.46	5.49	9210.541992	34086.833753			1
5.54	5.57	5.60	28490.98437	39498.266483			2
5.74	5.77	5.80	42579.50781	50636.613303			3
6.06	6.08	6.12	33562.98437	59401.792986			4
6.35	6.38	6.41	27968.25585	43764.679152			5
7.51	7.54	7.57	19924.64648	43211.342857			6
Height Summation:			161736.920898				
Amount Avg CF:			45099.921422	Linear:			

ASX04-8639

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:28:34

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454410** ACF DF1000 AMSS2 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 18:57:31
Instrument : CP02--H2601A
Result file : 10P2235.18R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**46.86**	
6.03	6.07	6.09	6902.705078	27762.849677			1
6.13	6.17	6.19	17964.79101	45880.327737			2
6.40	6.44	6.46	29970.99804	69670.798533			3
6.67	6.71	6.73	31234.58593	80457.921863			4
6.76	6.80	6.82	13001.88476	24550.349558			5
6.98	7.01	7.04	17779.0625	40483.381811			6
Height Summation:			**116854.027345**				
Amount Avg CF:			**48134.27153**	Linear:			
Aroclor-1268					**5**	**75.93**	
6.76	6.80	6.82	13001.88476	54946.100474			1
7.00	7.01	7.06	17779.0625	61944.49961			2
7.66	7.70	7.72	24908.77343	22209.394741			3
8.01	8.03	8.07	644.001953	696.008246			4
8.51	8.55	8.57	9557.634766	25838.680144			6
Height Summation:			**65891.357423**				
Amount Avg CF:			**33126.936643**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:57:31
Instrument : CP02--H2601B
Result file : 10P2235B.18R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**93.02**	
6.05	6.08	6.11	33562.98437	109049.684711			1
6.14	6.18	6.20	9927.05957	39226.10241			2
6.44	6.48	6.50	11825.67773	32066.640313			3
6.88	6.92	6.94	10064.24316	14761.068925			4
7.34	7.37	7.40	7311.950684	25375.527137			5
7.86	7.90	7.92	3805.786133	11646.048523			6
Height Summation:			**76497.701660**				
Amount Avg CF:			**38687.512003**	Linear:			
Aroclor-1268					**5**	**141.92**	
6.10	6.12	6.16	11220.59765	27554.426071			1
6.35	6.38	6.41	27968.25585	53982.163079			2
E 6.60	6.63	6.66	74984.02343	332255.812782			3
6.94	6.98	7.00	53781.23437	31745.276257			4
7.51	7.54	7.57	19924.64648	25160.279169			6
Height Summation:			**187878.757812**				
Amount Avg CF:			**94139.591472**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17000	3300		** 158.53	4	15	
Aroclor-1221			17000	5200		** 190.51	3	5	
Aroclor-1232			17000	3300		2.68	4	10	
Aroclor-1242			17000	3300		** 91.59	4	30	
Aroclor-1248			17000	3300		** 79.94	4	30	
Aroclor-1254			17000	3300		** 57.54	4	40	
Aroclor-1260			17000	3300		6.53	4	40	
Aroclor-1262			0	0		21.76	4	40	
Aroclor-1268			0	0		** 95.88	4	40	

Units: _____

ASX04 0640

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:28:34

Sample Name: **5454410ACF DF1000 ADAMSS2 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 07:07:31pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.18R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.240		0.0000	0.000	866.0	0.120	BB	0.110	131.42	0.044
2	2.301		0.0000	0.000	1029.3	0.142	BB	0.039	436.98	0.147
3	2.435		0.0000	0.000	1040.6	0.144	BB	0.039	442.77	0.149
4	2.543		0.0000	0.000	666.6	0.092	BB	0.075	148.74	0.050
5	2.713		0.0000	0.000	202.7	0.028	BB	0.056	59.96	0.020
6	2.824		0.0000	0.000	485.3	0.067	BB	0.066	123.41	0.041
7	2.896		0.0000	0.000	6471.5	0.895	BB	0.036	2992.77	1.004
8	3.115		0.0000	0.000	260.0	0.036	BB	0.112	38.61	0.013
9	3.155		0.0000	0.000	834.4	0.115	BB	0.028	496.06	0.166
10	3.383		0.0000	0.000	1472.0	0.204	BB	0.058	420.80	0.141
11	3.525		0.0000	0.000	890.7	0.123	BB	0.043	345.27	0.116
12	3.654		0.0000	0.000	247.8	0.034	BB	0.052	79.96	0.027
13	3.748		0.0000	0.000	97.3	0.013	BB	0.037	44.34	0.015
14	3.859		0.0000	0.000	35918.7	4.970	BB	0.032	18828.15	6.317
15	4.074		0.0000	0.000	170.0	0.024	BB	0.061	46.60	0.016
16	4.107		0.0000	0.000	137.0	0.019	BB	0.023	101.36	0.034
17	4.155		0.0000	0.000	160.3	0.022	BB	0.053	50.69	0.017
18	4.386		0.0000	0.000	76.1	0.011	BB	0.042	30.05	0.010
19	4.459		0.0000	0.000	119.6	0.017	BB	0.054	36.92	0.012
20	4.564		0.0000	0.000	435.1	0.060	BB	0.050	143.85	0.048
21	4.715		0.0000	0.000	411.8	0.057	BB	0.070	97.84	0.033
22	4.849		0.0000	0.000	367.6	0.051	BB	0.037	164.53	0.055
23	4.917		0.0000	0.000	229.9	0.032	BB	0.037	104.08	0.035
24	5.281		0.0000	0.000	2907.5	0.402	BB	0.458	105.91	0.036
25	5.315		0.0000	0.000	84.8	0.012	BB	0.025	55.93	0.019
26	5.365		0.0000	0.000	43.4	0.006	BB	0.018	39.28	0.013
27	5.413		0.0000	0.000	11663.4	1.614	BB	0.071	2733.08	0.917
28	5.590		0.0000	0.000	1423.2	0.197	BB	0.044	542.55	0.182
29	5.643		0.0000	0.000	11335.9	1.568	BB	0.039	4833.00	1.622
30	5.836		0.0000	0.000	999.0	0.138	BB	0.056	299.08	0.100
31	5.930		0.0000	0.000	6170.5	0.854	BB	0.043	2403.30	0.806
32	5.994		0.0000	0.000	5489.0	0.759	BB	0.029	3194.36	1.072
33	6.067		0.0000	0.000	20863.2	2.887	BB	0.050	6902.71	2.316
34	6.168		0.0000	0.000	41731.6	5.774	BB	0.039	17964.79	6.028
35	6.288		0.0000	0.000	4000.6	0.554	BB	0.033	1994.69	0.669
36	6.368		0.0000	0.000	9557.2	1.322	BB	0.030	5351.44	1.796
37	6.441		0.0000	0.000	83099.6	11.498	BB	0.046	29971.00	10.056
38	6.556		0.0000	0.000	20034.7	2.772	BB	0.036	9271.48	3.111
39	6.661		0.0000	0.000	1852.3	0.256	BB	0.024	1311.01	0.440
40	6.708		0.0000	0.000	70212.3	9.715	BB	0.037	31234.59	10.480
41	6.797		0.0000	0.000	22502.9	3.114	BB	0.029	13001.88	4.362
42	6.854		0.0000	0.000	11660.9	1.613	BB	0.029	6772.37	2.272
43	7.015		0.0000	0.000	45719.9	6.326	BB	0.043	17779.06	5.965
44	7.094		0.0000	0.000	11527.3	1.595	BB	0.028	6870.87	2.305
45	7.148		0.0000	0.000	5198.2	0.719	BB	0.027	3215.29	1.079
46	7.276		0.0000	0.000	9239.3	1.278	BB	0.034	4481.40	1.504
47	7.362		0.0000	0.000	114210.3	15.803	BB	0.042	45440.46	15.246
48	7.543		0.0000	0.000	547.0	0.076	BB	0.052	174.03	0.058
49	7.698		0.0000	0.000	54845.4	7.589	BB	0.037	24908.77	8.358
50	7.790		0.0000	0.000	9928.6	1.374	BB	0.040	4180.53	1.403
51	7.951		0.0000	0.000	198.9	0.028	BB	0.043	77.30	0.026
52	8.033		0.0000	0.000	2176.3	0.301	BB	0.056	644.00	0.216
53	8.207		0.0000	0.000	22369.7	3.095	BB	0.075	4957.46	1.663
54	8.545		0.0000	0.000	26652.6	3.688	BB	0.046	9557.63	3.207
55	8.644		0.0000	0.000	633.3	0.088	BB	0.030	353.71	0.119
56	8.820		0.0000	0.000	115.0	0.016	BB	0.034	55.79	0.019
57	8.928		0.0000	0.000	1550.4	0.215	BB	0.077	336.61	0.113
58	9.025		0.0000	0.000	3940.2	0.545	BB	0.047	1407.89	0.472
59	9.174		0.0000	0.000	654.1	0.091	BB	0.079	137.68	0.046
60	9.550		0.0000	0.000	564.5	0.078	BB	0.071	132.73	0.045
61	9.608		0.0000	0.000	122.1	0.017	BB	0.035	58.74	0.020
62	9.652		0.0000	0.000	59.9	0.008	BB	0.027	36.49	0.012

ASX84 8641

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.704		0.0000	0.000	1032.4	0.143	BB	0.138	124.51	0.042
64	9.920		0.0000	0.000	33225.3	4.597	BB	0.057	9761.83	3.275

Total Area = 722732.8, Total Amount = 0.0, Total Height = 298040.5, Sample Units = ug/l

ASX84.0642

Sample Name: **5454410ACF DF1000 ADAMSS2 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 07:07:31pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.18R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	879.3	0.079	BB	0.026	558.19	0.114
2	2.110		0.0000	0.000	34.3	0.003	BB	0.009	64.60	0.013
3	2.126		0.0000	0.000	152.7	0.014	BB	0.025	101.09	0.021
4	2.293		0.0000	0.000	586.9	0.052	BB	0.049	197.92	0.040
5	2.410		0.0000	0.000	542.4	0.049	BB	0.040	226.99	0.046
6	2.501		0.0000	0.000	9310.9	0.833	BB	0.036	4360.45	0.892
7	2.568		0.0000	0.000	699.8	0.063	BB	0.028	420.72	0.086
8	2.744		0.0000	0.000	1977.2	0.177	BB	0.030	1082.33	0.221
9	2.827		0.0000	0.000	609.9	0.055	BB	0.037	276.61	0.057
10	2.926 TCX		300.4797	35.010	160.1	0.014	BB	0.017	160.08	0.033
11	3.043		0.0000	0.000	110.6	0.010	BB	0.022	85.35	0.017
12	3.108		0.0000	0.000	1262.9	0.113	BB	0.039	542.91	0.111
13	3.175		0.0000	0.000	737.0	0.066	BB	0.034	363.34	0.074
14	3.276		0.0000	0.000	171.2	0.015	BB	0.034	83.51	0.017
15	3.364		0.0000	0.000	69691.2	6.233	BB	0.034	34478.51	7.050
16	3.552		0.0000	0.000	473.6	0.042	BB	0.031	255.12	0.052
17	3.760		0.0000	0.000	623.2	0.056	BB	0.183	56.91	0.012
18	3.777		0.0000	0.000	18.7	0.002	BB	0.007	45.09	0.009
19	3.943		0.0000	0.000	1607.7	0.144	BB	0.190	140.99	0.029
20	4.026		0.0000	0.000	969.9	0.087	BB	0.043	377.30	0.077
21	4.110		0.0000	0.000	158.9	0.014	BB	0.032	81.52	0.017
22	4.160		0.0000	0.000	396.4	0.035	BB	0.037	178.35	0.036
23	4.260		0.0000	0.000	258.8	0.023	BB	0.067	64.42	0.013
24	4.277		0.0000	0.000	34.9	0.003	BB	0.012	47.28	0.010
25	4.310		0.0000	0.000	58.6	0.005	BB	0.021	46.45	0.009
26	4.342		0.0000	0.000	638.7	0.057	BB	0.046	232.24	0.047
27	4.493		0.0000	0.000	22787.4	2.038	BB	0.209	1817.55	0.372
28	4.717		0.0000	0.000	13333.3	1.193	BB	0.124	1793.91	0.367
29	4.793		0.0000	0.000	178.8	0.016	BB	0.032	94.36	0.019
30	4.844		0.0000	0.000	438.1	0.039	BB	0.034	215.29	0.044
31	4.895		0.0000	0.000	9310.6	0.833	BB	0.037	4197.80	0.858
32	4.994		0.0000	0.000	1106.2	0.099	BB	0.024	766.98	0.157
33	5.048		0.0000	0.000	20705.7	1.852	BB	0.041	8365.72	1.710
34	5.260		0.0000	0.000	5423.5	0.485	BB	0.071	1270.82	0.260
35	5.344		0.0000	0.000	4444.4	0.398	BB	0.025	3004.38	0.614
36	5.456		0.0000	0.000	23266.7	2.081	BB	0.042	9210.54	1.883
37	5.492		0.0000	0.000	2843.6	0.254	BB	0.026	1828.53	0.374
38	5.571		0.0000	0.000	63886.2	5.714	BB	0.037	28490.98	5.825
39	5.667		0.0000	0.000	1158.4	0.104	BB	0.018	1078.81	0.221
40	5.705		0.0000	0.000	8913.7	0.797	BB	0.028	5257.26	1.075
41	5.765		0.0000	0.000	99567.8	8.906	BB	0.039	42579.51	8.706
42	5.909		0.0000	0.000	76936.8	6.881	BB	0.038	33936.26	6.939
43	5.978		0.0000	0.000	1531.1	0.137	BB	0.020	1269.10	0.259
44	6.034		0.0000	0.000	8230.2	0.736	BB	0.024	5830.25	1.192
45	6.084		0.0000	0.000	55686.5	4.981	BB	0.028	33562.98	6.862
46	6.124		0.0000	0.000	14837.1	1.327	BB	0.022	11220.60	2.294
47	6.176		0.0000	0.000	14805.4	1.324	BB	0.025	9927.06	2.030
48	6.312		0.0000	0.000	7450.1	0.666	BB	0.033	3711.15	0.759
49	6.380		0.0000	0.000	67617.4	6.048	BB	0.040	27968.26	5.719
50	6.478		0.0000	0.000	19071.5	1.706	BB	0.027	11825.68	2.418
51	6.521		0.0000	0.000	4237.4	0.379	BB	0.020	3606.50	0.737
52	6.556		0.0000	0.000	3356.4	0.300	BB	0.019	2920.74	0.597
53	6.630		0.0000	0.000	182336.0	16.309	BB	0.041	74984.02	15.332
54	6.810		0.0000	0.000	1164.6	0.104	BB	0.036	538.62	0.110
55	6.917		0.0000	0.000	17214.4	1.540	BB	0.029	10064.24	2.058
56	6.976		0.0000	0.000	126115.0	11.280	BB	0.039	53781.23	10.996
57	7.218		0.0000	0.000	366.3	0.033	BB	0.155	39.43	0.008
58	7.255		0.0000	0.000	6199.8	0.555	BB	0.053	1937.29	0.396
59	7.370		0.0000	0.000	18147.4	1.623	BB	0.041	7311.95	1.495
60	7.541		0.0000	0.000	53833.7	4.815	BB	0.045	19924.65	4.074
61	7.817		0.0000	0.000	1179.8	0.106	BB	0.052	377.85	0.077
62	7.897		0.0000	0.000	9539.0	0.853	BB	0.042	3805.79	0.778

ASX84 0543

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.043		0.0000	0.000	404.8	0.036	BB	0.053	127.48	0.026
64	8.177		0.0000	0.000	143.9	0.013	BB	0.038	63.20	0.013
65	8.207	DCB	557.7873	64.990	435.8	0.039	BB	0.028	256.54	0.052
66	8.276		0.0000	0.000	249.2	0.022	BB	0.024	173.15	0.035
67	8.475		0.0000	0.000	487.3	0.044	BB	0.033	245.59	0.050
68	8.609		0.0000	0.000	8329.7	0.745	BB	0.102	1358.33	0.278
69	8.744		0.0000	0.000	589.5	0.053	BB	0.047	210.21	0.043
70	8.842		0.0000	0.000	410.8	0.037	BB	0.043	160.45	0.033
71	8.960		0.0000	0.000	2055.9	0.184	BB	0.063	541.40	0.111
72	9.076		0.0000	0.000	68.9	0.006	BB	0.027	42.20	0.009
73	9.093		0.0000	0.000	455.5	0.041	BB	0.067	113.43	0.023
74	9.192		0.0000	0.000	66.3	0.006	BB	0.016	70.56	0.014
75	9.259		0.0000	0.000	537.3	0.048	BB	0.040	223.37	0.046
76	9.327		0.0000	0.000	56.6	0.005	BB	0.018	51.14	0.010
77	9.392		0.0000	0.000	795.4	0.071	BB	0.052	255.42	0.052
78	9.509		0.0000	0.000	3395.8	0.304	BB	0.110	513.80	0.105
79	9.734		0.0000	0.000	2447.0	0.219	BB	0.117	348.23	0.071
80	9.925		0.0000	0.000	37726.7	3.374	BB	0.056	11284.01	2.307

Total Area = 1118043.0, Total Amount = 858.267, Total Height = 489082.8, Sample Units = ug/l

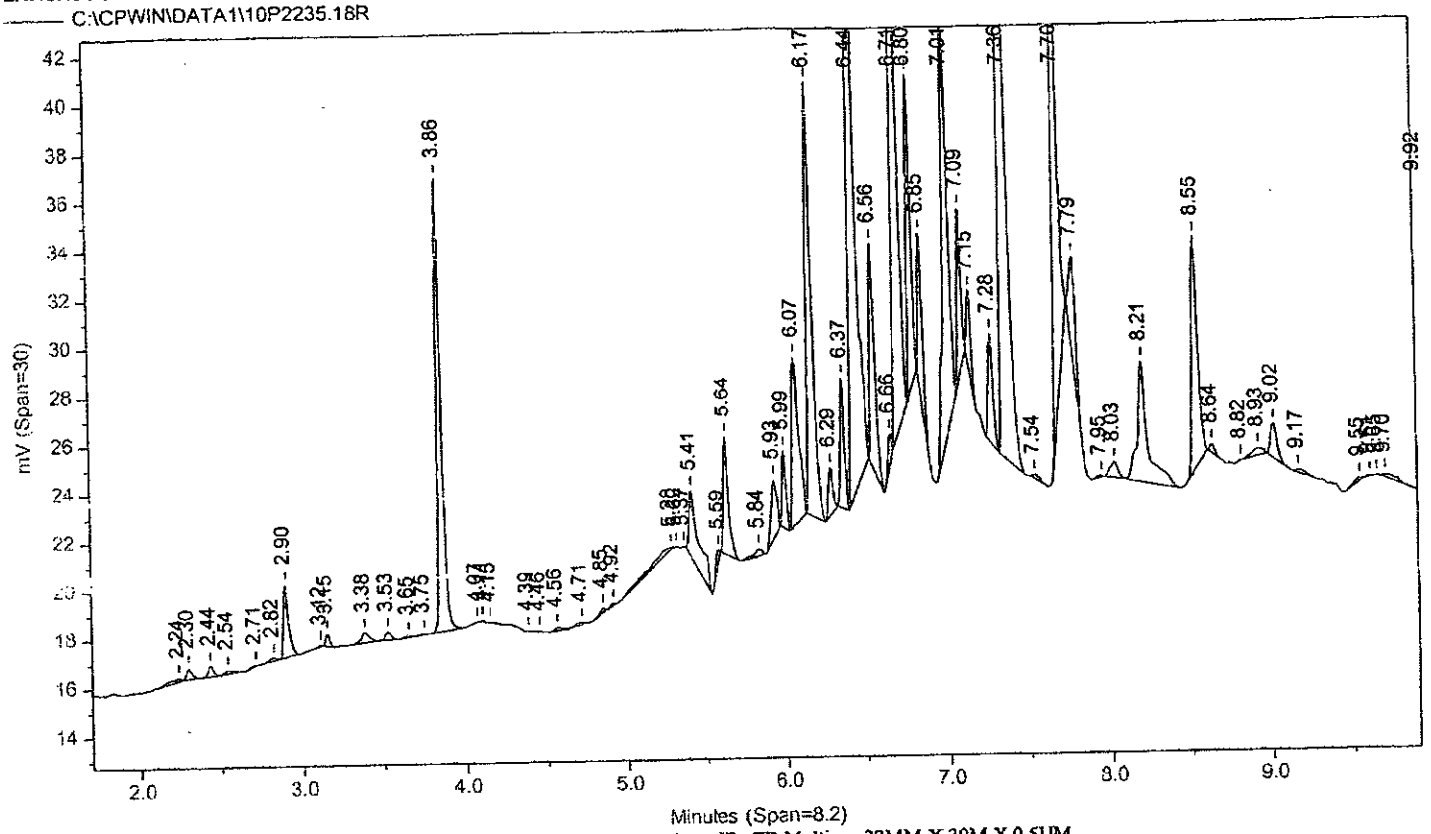
ASX84 2644

5454410ACF DF1000 ADAMSS2 T 082470004A 01216

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.18R

C:\CPWIN\DATA1\10P2235.18R

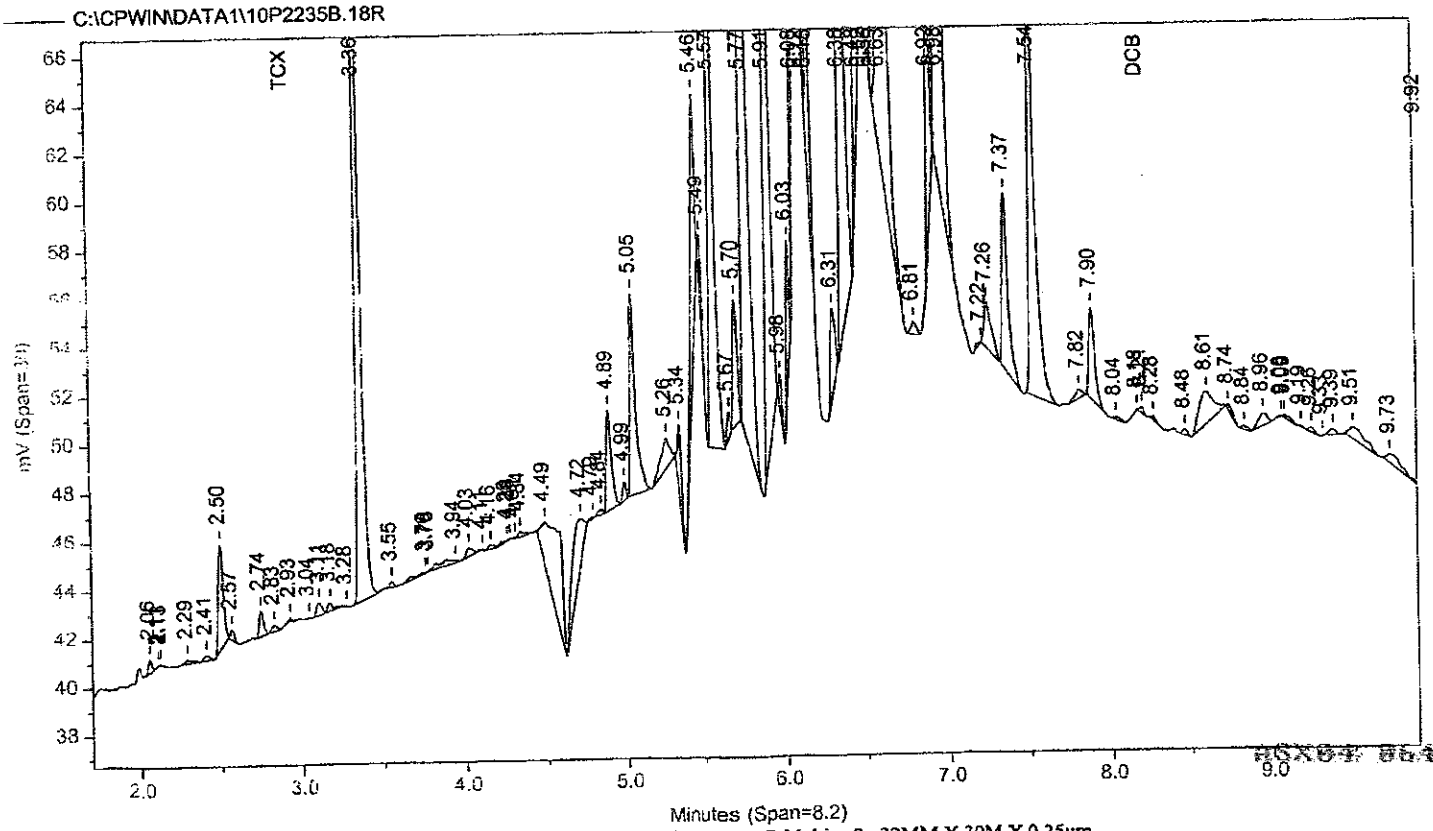


Instrument ID: CP02--H2601A Injected On: 9/8/2008 6:57:31 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.18R

C:\CPWIN\DATA1\10P2235B.18R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 6:57:31 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01
Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05
Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.926	160	10.01599	TCX
.	0	.	DCB	8.207	257	18.59291	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.18A
Area File: C:\CPWIN\DATA1\10P2235B.18A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 7:07:34 PM
File Reported On: 9/8/2008 at 7:07:41 PM

10X REPLOTS

ASX84 0646

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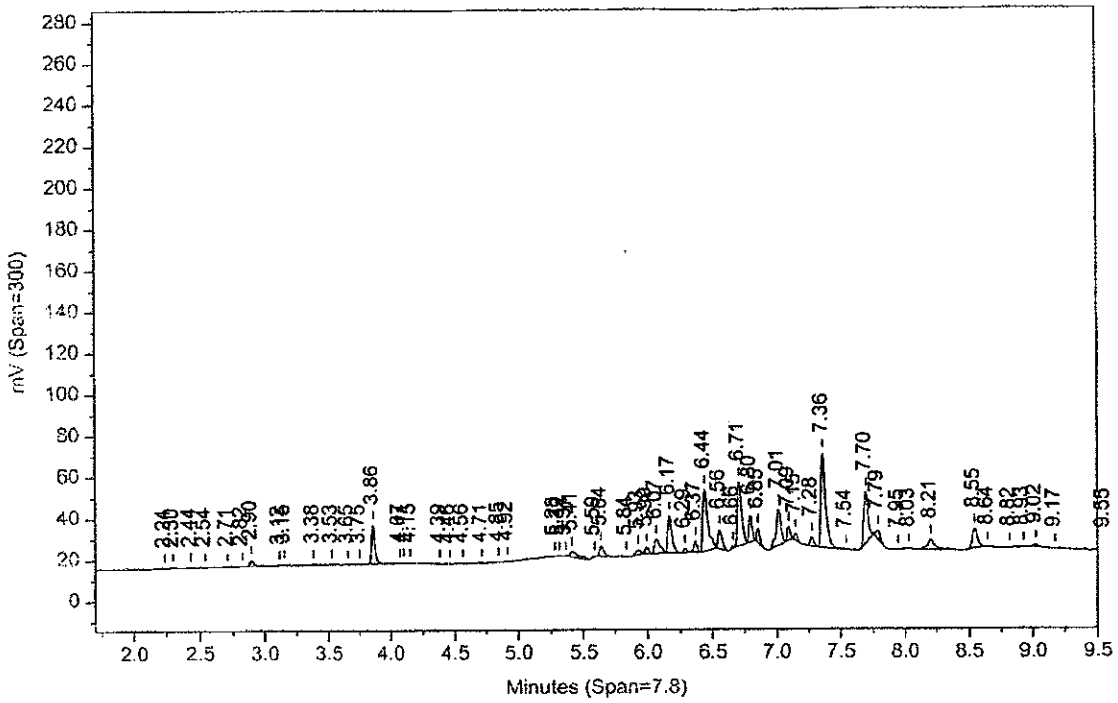

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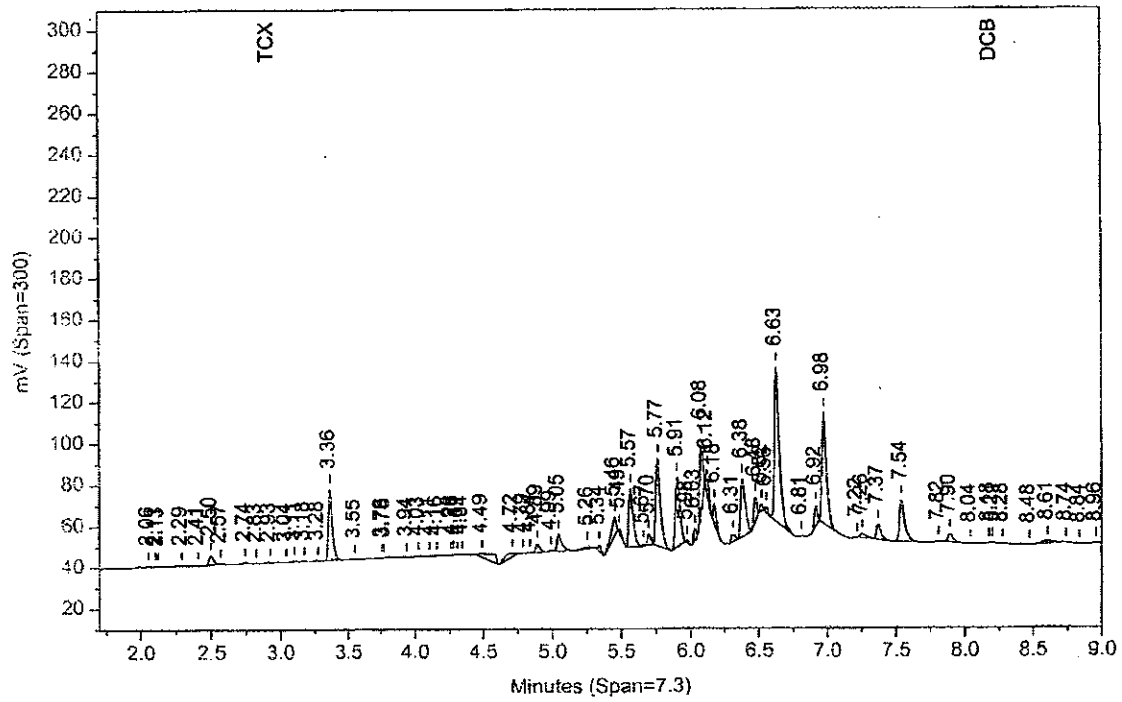


ASX84 8647

Multiple Component Data Summary

Sample Name: 5454411 ACF DF100 AMSS3 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 20:49:32
Instrument H2601A
Result file 9P2235.29R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 85.0% Conc: 8.479931
%SSR(DCB) 141.0% Conc: 14.12250

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.33**	
6.03	6.06	6.09	17608.43945:	8354.275174			1
6.14	6.17	6.20	45876.28125	10688.719004			2
6.41	6.44	6.47	77804.46093	15501.50283			3
6.68	6.71	6.74	85093.57812	15629.198598			4
6.77	6.80	6.83	34064.82031:	11293.660701			5
6.98	7.01	7.04	50646.19531:	15406.127297			6

Height summation: **311093.775392**
Concentration CF: **12812.247267** L:

Analysis Report (B)

Injected on Sep 05, 2008 20:49:32
Instrument H2601B
Result file 9P2235B.29R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 114.3% Conc: 11.39960
%SSR(DCB) 156.3% Conc: 15.65509

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.70**	
5.43	5.45	5.49	24539.23437!	9081.6024			1
5.54	5.57	5.60	73596.10937!	10202.942453			2
5.74	5.76	5.80	114979.1484:	13673.607273			3
6.06	6.08	6.12	86290.94531:	15272.291679			4
6.35	6.38	6.41	80537.13281:	12602.436831			5
7.51	7.54	7.57	61801.16406:	13403.054812			6

Height summation: **441743.734377**
Concentration CF: **12372.655908** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<1700	<330			4	15	
Aroclor-1221			<1700	<520			3	5	
Aroclor-1232			<1700	<330			4	10	
Aroclor-1242			<1700	<330			4	30	
Aroclor-1248			<1700	<330			4	30	
Aroclor-1254			<1700	<330			4	40	
Aroclor-1260	A	12812.247267	1700	330		3.49	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08
Verified By: [signature] Date: 9.8.08

ASX04 8648

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454411** ACF DF100 AMSS3 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 20:49:32
Instrument : CP02--H2601A
Result file : 9P2235.29R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 85% Conc.: 8.479931
%SSR(DCB) : 141% Conc.: 14.122506

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	184.40	
4.55	4.56	4.61	214.095673	38.427736			3
4.71	4.74	4.77	95.187157	41.549752			4
5.14	5.18	5.20	200.613556	111.280603			5
5.38	5.41	5.44	5944.499023	3067.925847			6
Height Summation:			6454.395409				
Amount Avg CF:			814.795985	Linear:			
Aroclor-1232					4	196.80	
4.55	4.56	4.61	214.095673	78.773911			3
4.70	4.74	4.76	95.187157	89.440599			4
5.13	5.18	5.19	200.613556	237.258064			5
E 5.38	5.41	5.44	5944.499023	33414.834306			6
Height Summation:			6454.395409				
Amount Avg CF:			8455.07672	Linear:			
Aroclor-1242					4	195.02	
4.55	4.56	4.61	214.095673	48.531264			3
4.71	4.74	4.77	95.187157	53.116351			4
5.14	5.18	5.20	200.613556	134.807349			5
E 5.38	5.41	5.44	5944.499023	12419.302252			6
Height Summation:			6454.395409				
Amount Avg CF:			3163.939304	Linear:			
Aroclor-1248					4	68.96	
4.55	4.56	4.61	214.095673	76.92108			1
5.62	5.64	5.68	12822.14453	4127.784269			4
5.96	5.99	6.02	10129.13769	6175.429875			5
6.26	6.29	6.32	6671.298828	5750.326531			6
Height Summation:			29836.676727				
Amount Avg CF:			4032.615439	Linear:			
Aroclor-1254					6	120.00	
4.82	4.85	4.88	323.87149	140.130221			1
5.61	5.64	5.67	12822.14453	3342.515772			2
5.96	5.99	6.02	10129.13769	1844.647044			3
6.26	6.29	6.32	6671.298828	1609.761418			4
6.52	6.56	6.58	26943.97851	9570.041842			5
6.68	6.71	6.74	85093.57812	18351.81337			6
Height Summation:			141984.009185				
Amount Avg CF:			5809.818278	Linear:			
Aroclor-1260					6	24.33	
6.03	6.06	6.09	17608.43945	8354.275174			1
6.14	6.17	6.20	45876.28125	10688.719004			2
6.41	6.44	6.47	77804.46093	15501.50283			3
6.68	6.71	6.74	85093.57812	15629.198598			4
6.77	6.80	6.83	34064.82031	11293.660701			5
6.98	7.01	7.04	50646.19531	15406.127297			6
Height Summation:			311093.775392				
Amount Avg CF:			12812.247267	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 20:49:32
Instrument : CP02--H2601B
Result file : 9P2235B.29R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 114.3% Conc.: 11.399607
%SSR(DCB) : *156.3% Conc.: 15.65509

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	204.19	
+ 3.32	3.33	3.38	38.37011	10.191345			1
3.32	3.37	3.38	19818.56835	5263.937922			1
3.65	3.70	3.71	201.166656	35.644147			2
3.84	3.88	3.90	197.365356	46.350917			3
4.35	4.41	4.41	423.640289	166.516631			5
4.66	4.68	4.72	463.333557	145.917674			6
Height Summation:			21104.074217				
Amount Avg CF:			1131.673458	Linear:			
Aroclor-1221					2	104.61	
3.14	3.17	3.20	1190.966187	567.207785			1
+ 3.32	3.33	3.38	38.37011	7.338786			3
E 3.32	3.37	3.38	19818.56835	3790.560852			3
Height Summation:			21009.534546				
Amount Avg CF:			2178.884319	Linear:			
Aroclor-1232					4	176.29	
+ 3.32	3.33	3.38	38.37011	8.855526			1
E 3.32	3.37	3.38	19818.56835	4573.973172			1
3.65	3.70	3.71	201.166656	67.152924			2
3.83	3.88	3.89	197.365356	94.496484			3
4.65	4.68	4.71	463.333557	288.277217			6
Height Summation:			20680.433928				
Amount Avg CF:			1255.974949	Linear:			
Aroclor-1242					5	203.03	
+ 3.32	3.33	3.38	38.37011	12.199577			1
E 3.32	3.37	3.38	19818.56835	6301.210848			1
3.65	3.70	3.71	201.166656	45.012789			2
3.84	3.88	3.90	197.365356	57.184973			3
4.35	4.41	4.41	423.640289	200.530289			5
4.66	4.68	4.72	463.333557	199.954064			6
Height Summation:			21104.074217				
Amount Avg CF:			1360.778593	Linear:			
Aroclor-1248					4	166.63	
4.35	4.41	4.41	423.640289	149.522072			2
4.52	4.55	4.58	437.597137	88.574814			3
4.66	4.68	4.72	463.333557	131.756565			4
4.87	4.90	4.93	10628.94433	2582.705656			5
Height Summation:			11953.515319				
Amount Avg CF:			738.139777	Linear:			
Aroclor-1254					6	141.97	
5.24	5.26	5.30	1646.844727	578.916595			1
5.32	5.35	5.38	4889.501953	957.554277			2
5.41	5.45	5.47	24539.23437	2641.634896			3
5.64	5.66	5.70	3901.745361	596.60755			4
5.94	5.98	6.00	5608.727051	1477.698822			5
6.05	6.08	6.11	86290.94531	11174.315247			6
Height Summation:			126876.998780				
Amount Avg CF:			2904.454565	Linear:			

ASX04 8649

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:00:11

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454411** ACF DF100 AMSS3 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 20:49:32
Instrument : CP02--H2601A
Result file : 9P2235.29R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**47.81**	
6.03	6.06	6.09	17608.43945	7082.157677			1
6.13	6.17	6.19	45876.28125	11716.355716			2
6.40	6.44	6.46	77804.46093	18086.481186			3
6.67	6.71	6.73	85093.57812	21919.459645			4
6.76	6.80	6.82	34064.82031	6432.169346			5
6.98	7.01	7.04	50646.19531	11532.268713			6
Height Summation:			**311093.775392**				
Amount Avg CF:			**12794.815381**	Linear:			
Aroclor-1268					**5**	**72.93**	
6.76	6.80	6.82	34064.82031	14395.828553			1
7.00	7.01	7.06	50646.19531	17645.774212			2
7.66	7.70	7.72	71959.70312	6416.138699			3
8.01	8.04	8.07	1080.683838	116.795432			4
8.51	8.55	8.57	31541.55078	8527.131051			6
Height Summation:			**189292.953370**				
Amount Avg CF:			**9420.333589**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 20:49:32
Instrument : CP02--H2601B
Result file : 9P2235B.29R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**18.70**	
5.43	5.45	5.49	24539.23437	9081.6024			1
5.54	5.57	5.60	73596.10937	10202.942453			2
5.74	5.76	5.80	114979.1484	13673.607273			3
6.06	6.08	6.12	86290.94531	15272.291679			4
6.35	6.38	6.41	80537.13281	12602.436831			5
7.51	7.54	7.57	61801.16406	13403.054812			6
Height Summation:			**441743.734377**				
Amount Avg CF:			**12372.655908**	Linear:			
Aroclor-1262					**6**	**78.09**	
E 6.05	6.08	6.11	86290.94531	28036.840451			1
6.14	6.17	6.20	28925.74218	11429.810785			2
6.44	6.48	6.50	35396.96484	9598.280668			3
6.88	6.92	6.94	34125.91796	5005.195314			4
7.34	7.37	7.40	24893.55859	8639.106019			5
7.86	7.90	7.92	13835.30078	4233.726715			6
Height Summation:			**223468.429689**				
Amount Avg CF:			**11157.159992**	Linear:			
Aroclor-1268					**6**	**157.79**	
6.10	6.12	6.16	32538.24023	7990.416932			1
6.35	6.38	6.41	80537.13281	15544.654123			2
E 6.60	6.63	6.66	211302.7187	93628.686942			3
6.94	6.98	7.00	152360.9218	8993.359137			4
7.16	7.19	7.22	2113.553711	122.866614			5
7.51	7.54	7.57	61801.16406	7804.075932			6
Height Summation:			**540653.731446**				
Amount Avg CF:			**22347.34328**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		32.56	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 148.27	4	10	
Aroclor-1242			1700	330	E	** 79.70	4	30	
Aroclor-1248			1700	330		** 138.11	4	30	
Aroclor-1254			1700	330		** 66.68	4	40	
Aroclor-1260			1700	330		3.49	4	40	
Aroclor-1262			0	0		13.67	4	40	
Aroclor-1268			0	0		** 81.38	4	40	

Units: _____

ASX04 0650

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:00:11

Sample Name: **5454411ACF DF100 ACAMSS3 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 08:59:32pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.29R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.050		0.0000	0.000	15.3	0.001	BB	0.021	12.13	0.002
2	2.098		0.0000	0.000	204.7	0.011	BB	0.032	107.00	0.014
3	2.206		0.0000	0.000	161.3	0.009	BB	0.059	45.33	0.006
4	2.238		0.0000	0.000	72.8	0.004	BB	0.022	55.82	0.008
5	2.300		0.0000	0.000	2390.8	0.133	BB	0.038	1048.97	0.141
6	2.404		0.0000	0.000	113.3	0.006	BB	0.026	73.33	0.010
7	2.433		0.0000	0.000	158.8	0.009	BB	0.025	106.63	0.014
8	2.539		0.0000	0.000	1031.0	0.057	BB	0.047	368.61	0.050
9	2.711		0.0000	0.000	439.4	0.024	BB	0.056	131.14	0.018
10	2.821		0.0000	0.000	284.0	0.016	BB	0.055	86.35	0.012
11	2.898		0.0000	0.000	792.5	0.044	BB	0.023	583.58	0.078
12	3.017		0.0000	0.000	181.2	0.010	BB	0.032	93.63	0.013
13	3.153		0.0000	0.000	1149.4	0.064	BB	0.057	334.10	0.045
14	3.351	TCX	254.3979	37.518	2248.2	0.125	BB	0.046	811.20	0.109
15	3.525		0.0000	0.000	1336.6	0.074	BB	0.035	627.98	0.084
16	3.859		0.0000	0.000	22417.7	1.247	BB	0.037	10001.34	1.344
17	3.972		0.0000	0.000	139.0	0.008	BB	0.051	45.02	0.006
18	4.104		0.0000	0.000	2950.6	0.164	BB	0.255	193.17	0.026
19	4.561		0.0000	0.000	653.9	0.036	BB	0.051	214.10	0.029
20	4.656		0.0000	0.000	43.5	0.002	BB	0.023	31.55	0.004
21	4.737		0.0000	0.000	229.6	0.013	BB	0.040	95.19	0.013
22	4.848		0.0000	0.000	492.1	0.027	BB	0.025	323.87	0.044
23	4.886		0.0000	0.000	84.3	0.005	BB	0.020	70.92	0.010
24	4.920		0.0000	0.000	425.1	0.024	BB	0.027	265.36	0.036
25	5.175		0.0000	0.000	637.1	0.035	BB	0.053	200.61	0.027
26	5.269		0.0000	0.000	759.9	0.042	BB	0.066	193.08	0.026
27	5.360		0.0000	0.000	119.1	0.007	BB	0.023	87.07	0.012
28	5.411		0.0000	0.000	16441.1	0.914	BB	0.046	5944.50	0.799
29	5.578		0.0000	0.000	2242.5	0.125	BB	0.027	1404.78	0.189
30	5.640		0.0000	0.000	31313.5	1.741	BB	0.041	12822.14	1.723
31	5.771		0.0000	0.000	135.7	0.008	BB	0.028	81.79	0.011
32	5.836		0.0000	0.000	1897.0	0.105	BB	0.031	1031.00	0.139
33	5.926		0.0000	0.000	16401.2	0.912	BB	0.042	6448.88	0.866
34	5.992		0.0000	0.000	17849.8	0.993	BB	0.029	10129.14	1.361
35	6.064		0.0000	0.000	54259.5	3.017	BB	0.051	17608.44	2.366
36	6.165		0.0000	0.000	107259.2	5.965	BB	0.039	45876.28	6.164
37	6.287		0.0000	0.000	14135.2	0.786	BB	0.035	6671.30	0.896
38	6.367		0.0000	0.000	20549.2	1.143	BB	0.032	10865.50	1.460
39	6.439		0.0000	0.000	219210.2	12.190	BB	0.047	77804.46	10.454
40	6.556		0.0000	0.000	57844.7	3.217	BB	0.036	26943.98	3.620
41	6.662		0.0000	0.000	5493.4	0.305	BB	0.026	3584.69	0.482
42	6.709		0.0000	0.000	189816.1	10.556	BB	0.037	85093.58	11.433
43	6.796		0.0000	0.000	57848.8	3.217	BB	0.028	34064.82	4.577
44	6.853		0.0000	0.000	33459.0	1.861	BB	0.029	19538.69	2.625
45	7.014		0.0000	0.000	130201.9	7.241	BB	0.043	50646.20	6.805
46	7.095		0.0000	0.000	31847.1	1.771	BB	0.027	19410.82	2.608
47	7.148		0.0000	0.000	13970.5	0.777	BB	0.026	8857.50	1.190
48	7.277		0.0000	0.000	27890.5	1.551	BB	0.034	13614.52	1.829
49	7.363		0.0000	0.000	327305.1	18.201	BB	0.043	126263.10	16.965
50	7.698		0.0000	0.000	159288.6	8.858	BB	0.037	71959.70	9.669
51	7.794		0.0000	0.000	32389.1	1.801	BB	0.038	14122.08	1.897
52	8.044		0.0000	0.000	3343.9	0.186	BB	0.052	1080.68	0.145
53	8.209		0.0000	0.000	44263.8	2.462	BB	0.053	14037.40	1.886
54	8.426		0.0000	0.000	60.9	0.003	BB	0.024	42.07	0.006
55	8.549		0.0000	0.000	82928.5	4.612	BB	0.044	31541.55	4.238
56	8.652		0.0000	0.000	2524.3	0.140	BB	0.033	1271.31	0.171
57	8.776		0.0000	0.000	180.2	0.010	BB	0.053	56.34	0.008
58	8.907		0.0000	0.000	359.4	0.020	BB	0.067	89.56	0.012
59	9.033		0.0000	0.000	19221.5	1.069	BB	0.049	6529.86	0.877
60	9.183		0.0000	0.000	1003.1	0.056	BB	0.095	176.57	0.024
61	9.424	DCB	423.6752	62.482	2661.7	0.148	BB	0.046	968.64	0.130
62	9.581		0.0000	0.000	478.9	0.027	BB	0.059	135.81	0.018

ASX84 8651

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.987		0.0000	0.000	32630.9	1.815	BB	0.409	1330.99	0.179

Total Area = 1798237.0, Total Amount = 678.073, Total Height = 744255.7, Sample Units = ug/l

A3X04 0652

Sample Name: **5454411ACF DF100 ACAMSS3 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 08:59:32pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.29R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.058		0.0000	0.000	6483.8	0.239	BB	0.053	2052.27	0.166
2	2.233		0.0000	0.000	315.9	0.012	BB	0.021	246.90	0.020
3	2.283		0.0000	0.000	850.4	0.031	BB	0.030	472.49	0.038
4	2.349		0.0000	0.000	159.5	0.006	BB	0.015	179.31	0.014
5	2.500		0.0000	0.000	2637.2	0.097	BB	0.032	1390.25	0.112
6	2.568		0.0000	0.000	2176.8	0.080	BB	0.033	1101.88	0.089
7	2.700		0.0000	0.000	210.4	0.008	BB	0.027	131.46	0.011
8	2.749		0.0000	0.000	1063.7	0.039	BB	0.027	651.88	0.053
9	2.833		0.0000	0.000	945.7	0.035	BB	0.042	376.94	0.030
10	2.883		0.0000	0.000	56.0	0.002	BB	0.009	99.74	0.008
11	2.923	TCX	341.9882	42.135	4085.9	0.151	BB	0.037	1821.88	0.147
12	3.117		0.0000	0.000	277.3	0.010	BB	0.027	168.52	0.014
13	3.170		0.0000	0.000	2565.1	0.094	BB	0.036	1190.97	0.096
14	3.300		0.0000	0.000	56.6	0.002	BB	0.012	79.81	0.006
15	3.334		0.0000	0.000	8.6	0.000	BB	0.004	38.37	0.003
16	3.367		0.0000	0.000	45276.6	1.668	BB	0.038	19818.57	1.599
17	3.499		0.0000	0.000	44.7	0.002	BB	0.009	83.24	0.007
18	3.550		0.0000	0.000	363.6	0.013	BB	0.029	206.57	0.017
19	3.700		0.0000	0.000	599.4	0.022	BB	0.050	201.17	0.016
20	3.784		0.0000	0.000	22.2	0.001	BB	0.007	54.99	0.004
21	3.800		0.0000	0.000	47.6	0.002	BB	0.009	91.27	0.007
22	3.818		0.0000	0.000	22.0	0.001	BB	0.009	41.19	0.003
23	3.883		0.0000	0.000	172.6	0.006	BB	0.015	197.37	0.016
24	3.983		0.0000	0.000	74.4	0.003	BB	0.018	68.82	0.006
25	4.017		0.0000	0.000	750.4	0.028	BB	0.028	443.37	0.036
26	4.233		0.0000	0.000	621.1	0.023	BB	0.054	190.59	0.015
27	4.283		0.0000	0.000	178.2	0.007	BB	0.019	152.76	0.012
28	4.343		0.0000	0.000	1117.2	0.041	BB	0.034	551.89	0.045
29	4.407		0.0000	0.000	645.3	0.024	BB	0.025	423.64	0.034
30	4.549		0.0000	0.000	1303.6	0.048	BB	0.050	437.60	0.035
31	4.684		0.0000	0.000	1754.0	0.065	BB	0.063	463.33	0.037
32	4.833		0.0000	0.000	138.8	0.005	BB	0.020	112.90	0.009
33	4.850		0.0000	0.000	61.9	0.002	BB	0.009	113.68	0.009
34	4.895		0.0000	0.000	23898.9	0.880	BB	0.037	10628.94	0.858
35	4.994		0.0000	0.000	3535.9	0.130	BB	0.025	2384.48	0.192
36	5.048		0.0000	0.000	57370.2	2.113	BB	0.043	22279.25	1.798
37	5.218		0.0000	0.000	176.7	0.007	BB	0.022	134.06	0.011
38	5.234		0.0000	0.000	35.4	0.001	BB	0.009	68.66	0.006
39	5.265		0.0000	0.000	2527.4	0.093	BB	0.026	1646.84	0.133
40	5.306		0.0000	0.000	852.4	0.031	BB	0.018	786.49	0.063
41	5.348		0.0000	0.000	7240.7	0.267	BB	0.025	4889.50	0.395
42	5.453		0.0000	0.000	55057.2	2.028	BB	0.037	24539.23	1.980
43	5.491		0.0000	0.000	8715.5	0.321	BB	0.026	5682.44	0.459
44	5.570		0.0000	0.000	169695.5	6.252	BB	0.038	73596.11	5.939
45	5.664		0.0000	0.000	4058.6	0.150	BB	0.017	3901.75	0.315
46	5.702		0.0000	0.000	26233.6	0.966	BB	0.027	16364.36	1.321
47	5.764		0.0000	0.000	277547.8	10.225	BB	0.040	114979.20	9.278
48	5.907		0.0000	0.000	191654.5	7.060	BB	0.036	88131.70	7.112
49	5.976		0.0000	0.000	7098.7	0.262	BB	0.021	5608.73	0.453
50	6.033		0.0000	0.000	25379.5	0.935	BB	0.024	17739.93	1.432
51	6.082		0.0000	0.000	143353.9	5.281	BB	0.028	86290.95	6.963
52	6.123		0.0000	0.000	41232.1	1.519	BB	0.021	32538.24	2.626
53	6.175		0.0000	0.000	45200.5	1.665	BB	0.026	28925.74	2.334
54	6.311		0.0000	0.000	26223.2	0.966	BB	0.036	12222.31	0.986
55	6.378		0.0000	0.000	198268.6	7.304	BB	0.041	80537.13	6.499
56	6.476		0.0000	0.000	56844.8	2.094	BB	0.027	35396.96	2.856
57	6.519		0.0000	0.000	11768.4	0.434	BB	0.019	10588.88	0.854
58	6.556		0.0000	0.000	10960.7	0.404	BB	0.019	9506.53	0.767
59	6.631		0.0000	0.000	521662.2	19.218	BB	0.041	211302.70	17.052
60	6.917		0.0000	0.000	55505.7	2.045	BB	0.027	34125.92	2.754
61	6.975		0.0000	0.000	360487.3	13.280	BB	0.039	152360.90	12.295
62	7.192		0.0000	0.000	3694.5	0.136	BB	0.029	2113.55	0.171

ASX04 0653

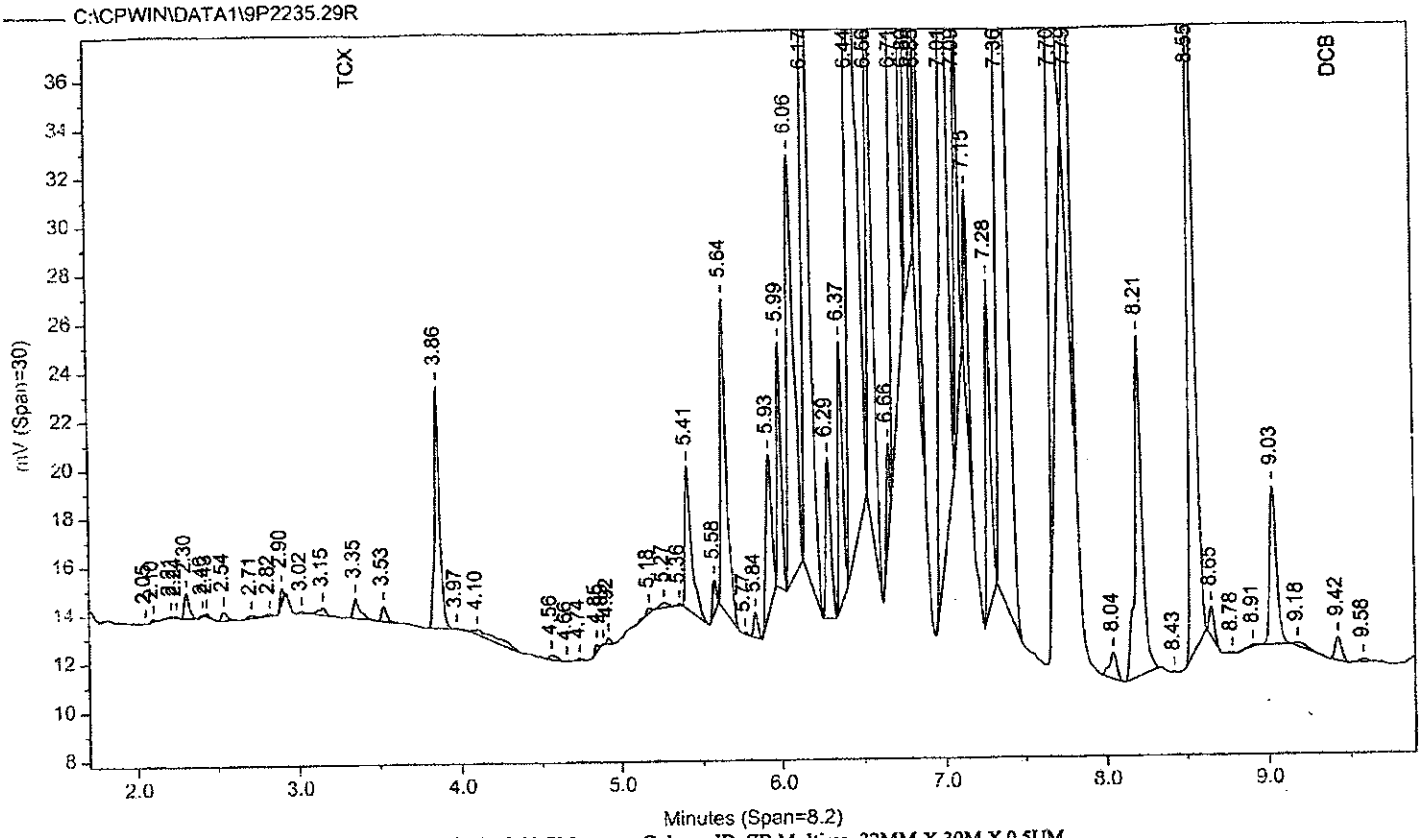
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.256		0.0000	0.000	11753.2	0.433	BB	0.042	4658.33	0.376
64	7.371		0.0000	0.000	57945.6	2.135	BB	0.039	24893.56	2.009
65	7.543		0.0000	0.000	161839.1	5.962	BB	0.044	61801.16	4.987
66	7.745		0.0000	0.000	5218.7	0.192	BB	0.053	1637.95	0.132
67	7.818		0.0000	0.000	8548.2	0.315	BB	0.046	3122.44	0.252
68	7.900		0.0000	0.000	32533.5	1.199	BB	0.039	13835.30	1.116
69	8.217	DCB	469.6527	57.865	4892.8	0.180	BB	0.038	2160.06	0.174
70	8.316		0.0000	0.000	383.7	0.014	BB	0.045	142.41	0.011
71	8.400		0.0000	0.000	329.8	0.012	BB	0.035	157.83	0.013
72	8.495		0.0000	0.000	25.6	0.001	BB	0.019	22.20	0.002
73	8.517		0.0000	0.000	44.5	0.002	BB	0.008	97.87	0.008
74	8.550		0.0000	0.000	92.7	0.003	BB	0.022	70.22	0.006
75	8.567		0.0000	0.000	23.8	0.001	BB	0.007	56.20	0.005
76	8.584		0.0000	0.000	429.8	0.016	BB	0.031	230.86	0.019
77	8.716		0.0000	0.000	104.0	0.004	BB	0.017	100.42	0.008
78	8.767		0.0000	0.000	22.5	0.001	BB	0.006	64.25	0.005
79	8.800		0.0000	0.000	91.1	0.003	BB	0.019	77.96	0.006
80	8.817		0.0000	0.000	24.3	0.001	BB	0.007	55.49	0.004
81	8.867		0.0000	0.000	133.7	0.005	BB	0.024	93.32	0.008
82	8.884		0.0000	0.000	29.4	0.001	BB	0.008	63.89	0.005
83	8.916		0.0000	0.000	175.6	0.006	BB	0.023	125.96	0.010
84	8.967		0.0000	0.000	1922.6	0.071	BB	0.108	295.37	0.024
85	9.183		0.0000	0.000	30.1	0.001	BB	0.006	80.81	0.007
86	9.200		0.0000	0.000	265.2	0.010	BB	0.047	94.09	0.008
87	9.417		0.0000	0.000	57.5	0.002	BB	0.012	82.32	0.007
88	9.433		0.0000	0.000	98.6	0.004	BB	0.020	83.12	0.007
89	9.483		0.0000	0.000	29.4	0.001	BB	0.008	62.22	0.005
90	9.533		0.0000	0.000	94.5	0.003	BB	0.019	82.11	0.007
91	9.550		0.0000	0.000	70.1	0.003	BB	0.014	84.21	0.007
92	9.600		0.0000	0.000	141.3	0.005	BB	0.027	87.69	0.007
93	9.716		0.0000	0.000	4256.5	0.157	BB	0.266	266.48	0.022
94	9.933		0.0000	0.000	11312.8	0.417	BB	0.126	1492.26	0.120
95	9.949		0.0000	0.000	181.8	0.007	BB	0.032	95.78	0.008

Total Area = 2714469.0, Total Amount = 811.641, Total Height = 1239202.0, Sample Units = ug/l

ASX84 18654

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.29R

C:\CPWIN\DATA1\9P2235.29R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 8:49:32 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.29R

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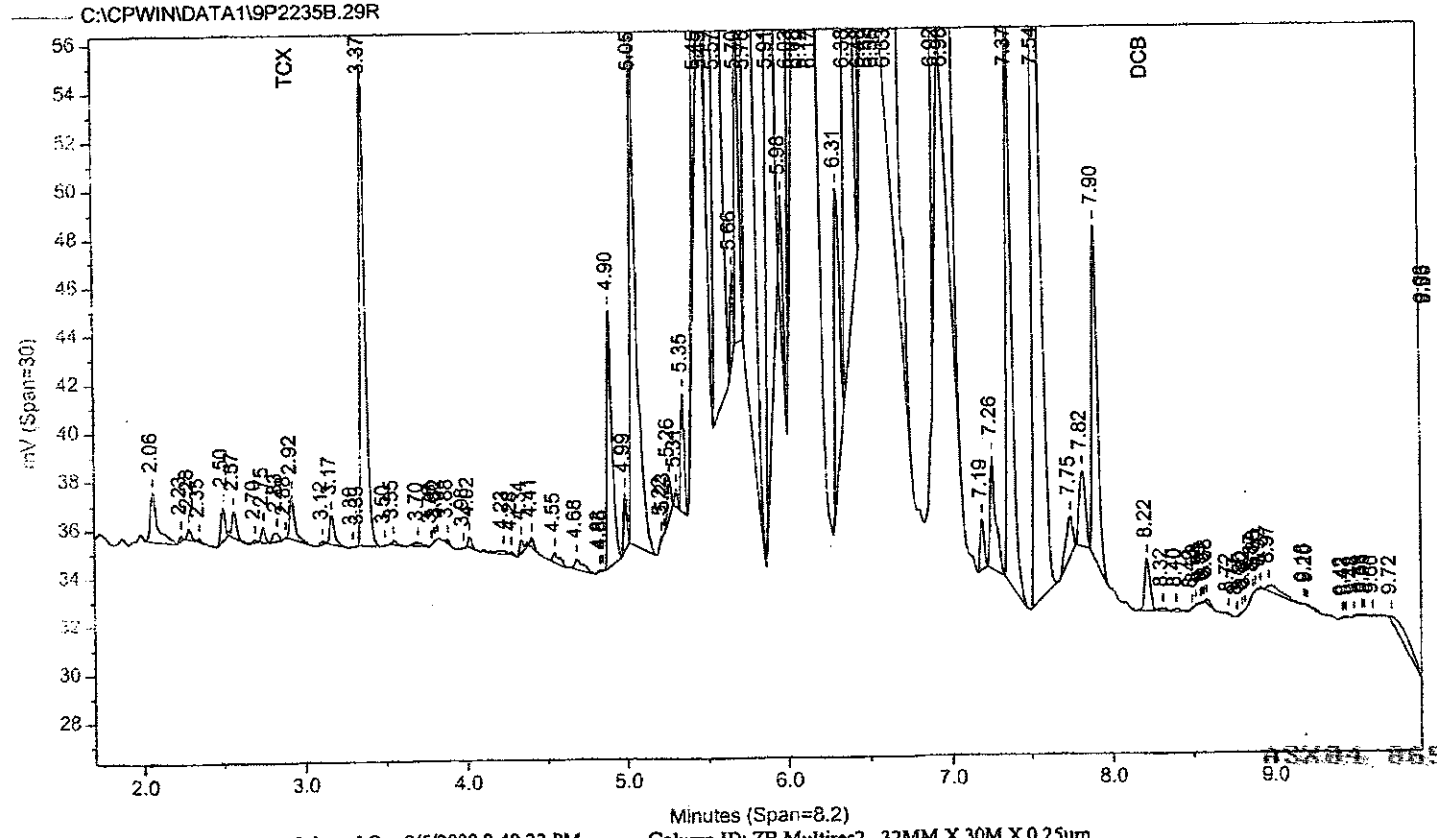


Instrument ID: CP02--H2601B Injected On: 9/5/2008 8:49:32 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 1000

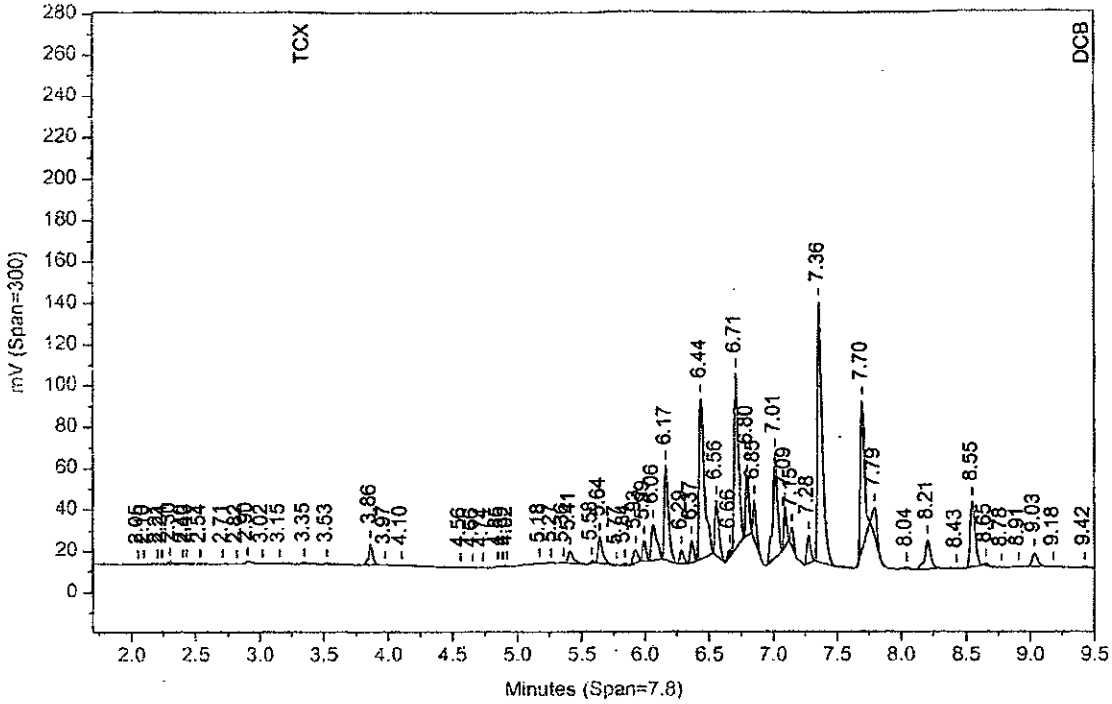
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	811	8.47993	TCX	2.923	1822	11.39961	TCX
9.424	969	14.12251	DCB	8.217	2160	15.65509	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.29A
Area File: C:\CPWIN\DATA1\9P2235B.29A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 8:59:36 PM
File Reported On: 9/5/2008 at 8:59:42 PM

10X REPLOTS

ASX84 0656

C:\CPWIN\DATA1\9P2235.29R



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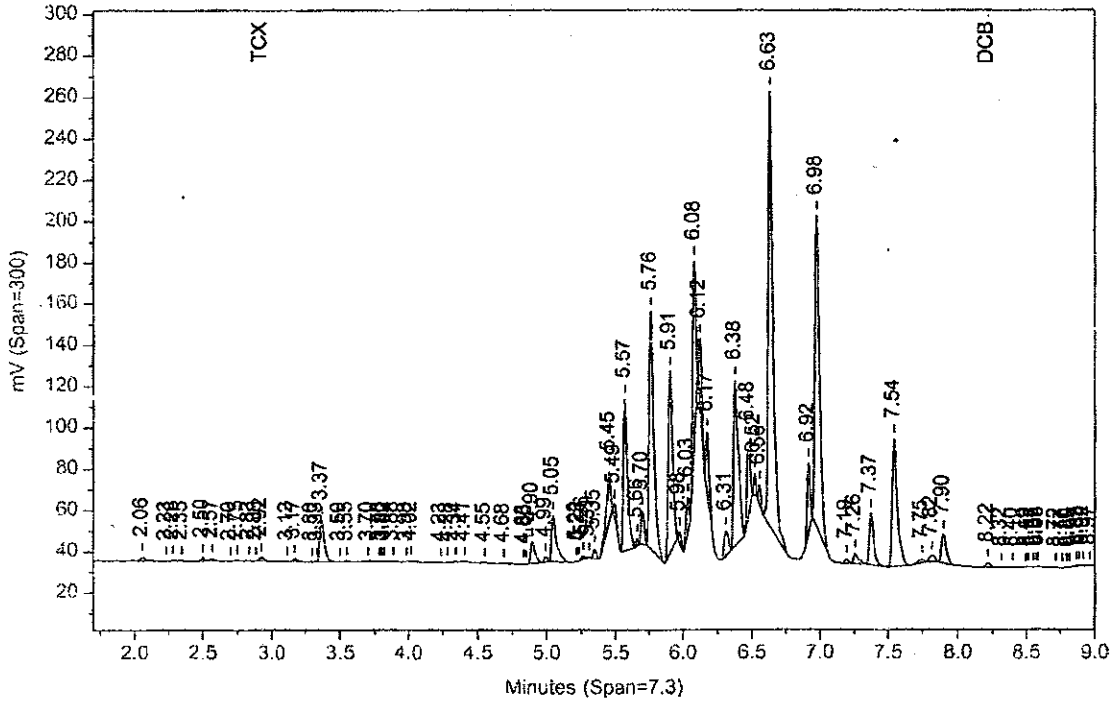


ASXB4 0657

Multiple Component Data Summary

Sample Name: 5454412 ACF DF50 AMSS4 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 21:03:57
Instrument H2601A
Result file 9P2235.30R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 88.1% Conc: 8.78643
%SSR(DCB) 135.1% Conc: 13.5351

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
6.03	6.07	6.09	16494.55078	3912.896894			1
6.14	6.17	6.20	43720.75390	5093.251245			2
6.41	6.44	6.47	76235.96093	7594.500045			3
6.68	6.71	6.74	81326.01562	7468.603844			4
6.77	6.80	6.83	32097.8125	5320.764946			5
6.98	7.02	7.04	49418.375	7516.317577			6

Height summation: **299293.46875**
Concentration CF: **6151.055759** L:

Analysis Report (B)

Injected on Sep 05, 2008 21:03:57
Instrument H2601B
Result file 9P2235B.30R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 111.9% Conc: 11.15871
%SSR(DCB) * 170.2% Conc: 17.0420

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
5.43	5.46	5.49	21465.11718	3971.95888			1
5.54	5.57	5.60	70372.10156	4877.992252			2
5.74	5.77	5.80	111796.0546	6647.53291			3
6.06	6.08	6.12	90610.92968	8018.434278			4
6.35	6.38	6.41	81071.03906	6342.991195			5
7.51	7.54	7.57	65449.13671	7097.102297			6

Height summation: **440764.378909**
Concentration CF: **6159.335302** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<850	<165			4	15	
Aroclor-1221			<850	<260			3	5	
Aroclor-1232			<850	<165			4	10	
Aroclor-1242			<850	<165			4	30	
Aroclor-1248			<850	<165			4	30	
Aroclor-1254			<850	<165			4	40	
Aroclor-1260	B	6159.335302	850	165		0.13	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08
Verified By: [signature] Date: 9.8.08

ASX04 8655

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454412** ACF DF50 AMSS4 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 21:03:57
Instrument : CP02--H2601A
Result file : 9P2235.30R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 88.1% Conc.: 8.786436
%SSR(DCB) : 135.1% Conc.: 13.535196

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	165.61	
4.55	4.56	4.61	120.687332	10.831001			3
4.71	4.75	4.77	123.966606	27.056075			4
5.38	5.41	5.44	4865.966797	1255.650413			6
Height Summation:			5110.620735				
Amount Avg CF:			431.179163	Linear:			
Aroclor-1232					3	171.69	
4.55	4.56	4.61	120.687332	22.202721			3
4.70	4.75	4.76	123.966606	58.2413			4
E 5.38	5.41	5.44	4865.966797	13676.129278			6
Height Summation:			5110.620735				
Amount Avg CF:			4585.524433	Linear:			
Aroclor-1242					3	170.76	
4.55	4.56	4.61	120.687332	13.678718			3
4.71	4.75	4.77	123.966606	34.587932			4
E 5.38	5.41	5.44	4865.966797	5083.011383			6
Height Summation:			5110.620735				
Amount Avg CF:			1710.426011	Linear:			
Aroclor-1248					4	67.11	
4.55	4.56	4.61	120.687332	21.680494			1
5.62	5.64	5.68	11263.83105	1813.061166			4
5.96	6.00	6.02	7491.900879	2283.793048			5
6.26	6.29	6.32	5204.444336	2242.985595			6
Height Summation:			24080.863602				
Amount Avg CF:			1590.380076	Linear:			
Aroclor-1254					6	126.40	
4.82	4.85	4.88	178.426605	38.600124			1
5.61	5.64	5.67	11263.83105	1468.144929			2
5.96	6.00	6.02	7491.900879	682.186047			3
6.26	6.29	6.32	5204.444336	627.907242			4
6.52	6.56	6.58	24734.64062	4392.661344			5
6.68	6.71	6.74	81326.01562	8769.638637			6
Height Summation:			130199.259125				
Amount Avg CF:			2663.189721	Linear:			
Aroclor-1260					6	25.71	
6.03	6.07	6.09	16494.55078	3912.896894			1
6.14	6.17	6.20	43720.75390	5093.251245			2
6.41	6.44	6.47	76235.96093	7594.500045			3
6.68	6.71	6.74	81326.01562	7468.603844			4
6.77	6.80	6.83	32097.8125	5320.764946			5
6.98	7.02	7.04	49418.375	7516.317577			6
Height Summation:			299293.468750				
Amount Avg CF:			6151.055759	Linear:			
Aroclor-1262					6	48.47	
6.03	6.07	6.09	16494.55078	3317.074456			1
6.13	6.17	6.19	43720.75390	5582.927506			2
6.40	6.44	6.46	76235.96093	8860.933271			3
6.67	6.71	6.73	81326.01562	10474.482075			4
6.76	6.80	6.82	32097.8125	3030.378022			5
6.98	7.02	7.04	49418.375	5626.345438			6
Height Summation:			299293.468750				
Amount Avg CF:			6148.690128	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 21:03:57
Instrument : CP02--H2601B
Result file : 9P2235B.30R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 111.9% Conc.: 11.158715
%SSR(DCB) : *170.2% Conc.: 17.042063

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	166.37	
3.32	3.37	3.38	9670.737305	1284.304696			1
+ 3.65	3.65	3.71	37.748901	3.34431			2
3.65	3.69	3.71	95.919769	8.497875			2
4.66	4.69	4.72	166.71814	26.252279			6
Height Summation:			9933.375214				
Amount Avg CF:			439.68495	Linear:			
Aroclor-1221					2	76.74	
3.14	3.17	3.20	1151.498291	274.205432			1
E 3.32	3.37	3.38	9670.737305	924.827605			3
Height Summation:			10822.235596				
Amount Avg CF:			599.516519	Linear:			
Aroclor-1232					4	161.88	
E 3.32	3.37	3.38	9670.737305	1115.965901			1
+ 3.65	3.65	3.71	37.748901	6.300619			2
3.65	3.69	3.71	95.919769	16.009842			2
4.34	4.35	4.40	289.226471	121.452285			5
4.65	4.69	4.71	166.71814	51.864408			6
Height Summation:			10222.601685				
Amount Avg CF:			326.323109	Linear:			
Aroclor-1242					3	165.56	
E 3.32	3.37	3.38	9670.737305	1537.380342			1
+ 3.65	3.65	3.71	37.748901	4.223322			2
3.65	3.69	3.71	95.919769	10.731441			2
4.66	4.69	4.72	166.71814	35.974051			6
Height Summation:			9933.375214				
Amount Avg CF:			528.028611	Linear:			
Aroclor-1248					3	157.31	
4.52	4.55	4.58	440.870636	44.618704			3
4.66	4.69	4.72	166.71814	23.704531			4
4.87	4.90	4.93	8612.864258	1046.41122			5
Height Summation:			9220.453034				
Amount Avg CF:			371.578152	Linear:			
Aroclor-1254					6	161.96	
5.24	5.27	5.30	901.324341	158.42162			1
5.32	5.35	5.38	2759.744873	270.232585			2
5.41	5.46	5.47	21465.11718	1155.353948			3
5.64	5.67	5.70	2492.397705	190.553605			4
5.94	5.98	6.00	4739.61377	624.359291			5
6.05	6.08	6.11	90610.92968	5866.867546			6
Height Summation:			122969.127565				
Amount Avg CF:			1377.631433	Linear:			
Aroclor-1260					6	24.12	
5.43	5.46	5.49	21465.11718	3971.95888			1
5.54	5.57	5.60	70372.10156	4877.992252			2
5.74	5.77	5.80	111796.0546	6647.53291			3
6.06	6.08	6.12	90610.92968	8018.434278			4
6.35	6.38	6.41	81071.03906	6342.991195			5
7.51	7.54	7.57	65449.13671	7097.102297			6
Height Summation:			440764.378909				
Amount Avg CF:			6159.335302	Linear:			

ASX04 8659

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:00:53

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454412** ACF DF50 AMSS4 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 21:03:57
Instrument : CP02–H2601A
Result file : 9P2235.30R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**89.19**	
6.76	6.80	6.82	32097.8125	6782.284501			1
7.00	7.02	7.06	49418.375	8608.993053			2
7.66	7.70	7.72	77441.03125	3452.435015			3
8.01	8.04	8.07	488.998779	26.424391			4
8.14	8.16	8.20	568.230591	121.836347			5
8.51	8.55	8.57	32129.69140	4343.066249			6
Height Summation:			**192144.139526**				
Amount Avg CF:			**3889.173259**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 21:03:57
Instrument : CP02–H2601B
Result file : 9P2235B.30R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**80.39**	
E 6.05	6.08	6.11	90610.92968	14720.224524			1
6.14	6.18	6.20	28477.67187	5626.37942			2
6.44	6.48	6.50	35561.76953	4821.484646			3
6.88	6.92	6.94	34386.96093	2521.74104			4
7.34	7.37	7.40	25896.23046	4493.537548			5
7.86	7.90	7.92	14288.76757	2186.245821			6
Height Summation:			**229222.330079**				
Amount Avg CF:			**5728.268833**	Linear:			
Aroclor-1268					**6**	**158.62**	
6.10	6.12	6.16	30035.38867	3687.895788			1
6.35	6.38	6.41	81071.03906	7823.852288			2
E 6.60	6.63	6.66	216288.3593	47918.917487			3
6.94	6.98	7.00	158049.375	4664.564815			4
7.16	7.19	7.22	3640.610596	105.819288			5
7.51	7.54	7.57	65449.13671	4132.365793			6
Height Summation:			**554533.909425**				
Amount Avg CF:			**11388.902577**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		1.95	4	15	
Aroclor-1221			850	260			3	5	
Aroclor-1232			850	165	E	** 173.43	4	10	
Aroclor-1242			850	165	E	** 105.64	4	30	
Aroclor-1248			850	165		** 124.24	4	30	
Aroclor-1254			850	165		** 63.63	4	40	
Aroclor-1260			850	165		0.13	4	40	
Aroclor-1262			0	0		7.08	4	40	
Aroclor-1268			0	0		** 98.18	4	40	

Units: _____

ASX04 0668

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/6/08 08:00:53

Sample Name: **5454412ACF DF50 ACAMSS4 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 09:13:57pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.30R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.098		0.0000	0.000	220.9	0.013	BB	0.032	114.85	0.016
2	2.206		0.0000	0.000	759.6	0.044	BB	0.069	183.34	0.025
3	2.302		0.0000	0.000	1803.3	0.104	BB	0.037	817.20	0.112
4	2.405		0.0000	0.000	62.4	0.004	BB	0.025	41.90	0.006
5	2.436		0.0000	0.000	189.8	0.011	BB	0.027	118.29	0.016
6	2.540		0.0000	0.000	517.1	0.030	BB	0.045	192.75	0.026
7	2.709		0.0000	0.000	234.2	0.014	BB	0.049	79.87	0.011
8	2.824		0.0000	0.000	205.3	0.012	BB	0.060	57.36	0.008
9	2.898		0.0000	0.000	449.7	0.026	BB	0.024	315.58	0.043
10	2.926		0.0000	0.000	403.0	0.023	BB	0.021	314.30	0.043
11	3.126		0.0000	0.000	138.9	0.008	BB	0.039	58.91	0.008
12	3.153		0.0000	0.000	215.0	0.012	BB	0.022	161.31	0.022
13	3.351	TCX	263.5931	39.363	3594.3	0.208	BB	0.036	1681.05	0.231
14	3.525		0.0000	0.000	1443.8	0.083	BB	0.043	559.19	0.077
15	3.859		0.0000	0.000	10741.4	0.620	BB	0.036	4999.48	0.687
16	3.969		0.0000	0.000	130.9	0.008	BB	0.046	47.91	0.007
17	4.107		0.0000	0.000	1597.7	0.092	BB	0.284	93.84	0.013
18	4.558		0.0000	0.000	311.8	0.018	BB	0.043	120.69	0.017
19	4.750		0.0000	0.000	278.5	0.016	BB	0.037	123.97	0.017
20	4.850		0.0000	0.000	316.8	0.018	BB	0.030	178.43	0.025
21	5.204		0.0000	0.000	1314.4	0.076	BB	0.206	106.45	0.015
22	5.269		0.0000	0.000	989.9	0.057	BB	0.066	249.62	0.034
23	5.414		0.0000	0.000	12770.3	0.737	BB	0.044	4865.97	0.668
24	5.581		0.0000	0.000	1964.2	0.113	BB	0.029	1132.15	0.155
25	5.643		0.0000	0.000	25957.5	1.499	BB	0.038	11263.83	1.547
26	5.770		0.0000	0.000	116.2	0.007	BB	0.019	103.54	0.014
27	5.837		0.0000	0.000	1083.7	0.063	BB	0.031	584.21	0.080
28	5.927		0.0000	0.000	16886.9	0.975	BB	0.041	6820.62	0.937
29	5.995		0.0000	0.000	13486.2	0.779	BB	0.030	7491.90	1.029
30	6.068		0.0000	0.000	50823.1	2.935	BB	0.051	16494.55	2.265
31	6.168		0.0000	0.000	102306.1	5.908	BB	0.039	43720.75	6.004
32	6.288		0.0000	0.000	11256.6	0.650	BB	0.036	5204.44	0.715
33	6.370		0.0000	0.000	19438.7	1.122	BB	0.031	10395.39	1.428
34	6.441		0.0000	0.000	213058.4	12.303	BB	0.047	76235.96	10.469
35	6.558		0.0000	0.000	54134.5	3.126	BB	0.036	24734.64	3.397
36	6.664		0.0000	0.000	5418.8	0.313	BB	0.024	3804.26	0.522
37	6.710		0.0000	0.000	182685.2	10.549	BB	0.037	81326.02	11.168
38	6.797		0.0000	0.000	53251.9	3.075	BB	0.028	32097.81	4.408
39	6.852		0.0000	0.000	33146.5	1.914	BB	0.029	19356.10	2.658
40	7.015		0.0000	0.000	127087.3	7.339	BB	0.043	49418.38	6.786
41	7.095		0.0000	0.000	31868.1	1.840	BB	0.028	19035.64	2.614
42	7.148		0.0000	0.000	14625.0	0.845	BB	0.026	9415.20	1.293
43	7.278		0.0000	0.000	25343.9	1.463	BB	0.033	12965.08	1.780
44	7.363		0.0000	0.000	329187.2	19.009	BB	0.043	128884.40	17.699
45	7.557		0.0000	0.000	372.8	0.022	BB	0.038	162.49	0.022
46	7.698		0.0000	0.000	168623.4	9.737	BB	0.036	77441.03	10.635
47	7.796		0.0000	0.000	29807.3	1.721	BB	0.036	13784.93	1.893
48	8.008		0.0000	0.000	941.3	0.054	BB	0.027	590.97	0.081
49	8.041		0.0000	0.000	887.6	0.051	BB	0.030	489.00	0.067
50	8.165		0.0000	0.000	1185.8	0.068	BB	0.035	568.23	0.078
51	8.210		0.0000	0.000	29487.3	1.703	BB	0.039	12684.13	1.742
52	8.349		0.0000	0.000	271.0	0.016	BB	0.029	157.28	0.022
53	8.428		0.0000	0.000	132.0	0.008	BB	0.026	84.82	0.012
54	8.548		0.0000	0.000	87472.3	5.051	BB	0.045	32129.69	4.412
55	8.651		0.0000	0.000	2773.5	0.160	BB	0.033	1384.91	0.190
56	8.843		0.0000	0.000	92.6	0.005	BB	0.053	29.17	0.004
57	9.031		0.0000	0.000	18371.2	1.061	BB	0.050	6076.85	0.835
58	9.425	DCB	406.0559	60.637	5537.2	0.320	BB	0.050	1856.72	0.255
59	9.579		0.0000	0.000	183.5	0.011	BB	0.034	91.22	0.013
60	9.685		0.0000	0.000	99.4	0.006	BB	0.049	34.02	0.005
61	9.964		0.0000	0.000	33683.5	1.945	BB	0.120	4665.34	0.641

ASX84-0661

Total Area = 1731737.0, Total Amount = 669.649, Total Height = 728197.9, Sample Units = ug/l

ASX84 8662

Sample Name: **5454412ACF DF50 ACAMSS4 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 09:13:57pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.30R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	5035.6	0.185	BB	0.054	1558.87	0.126
2	2.236		0.0000	0.000	211.1	0.008	BB	0.024	147.05	0.012
3	2.287		0.0000	0.000	460.3	0.017	BB	0.032	239.42	0.019
4	2.353		0.0000	0.000	102.1	0.004	BB	0.015	116.32	0.009
5	2.420		0.0000	0.000	96.6	0.004	BB	0.024	67.41	0.005
6	2.503		0.0000	0.000	2043.9	0.075	BB	0.031	1098.18	0.089
7	2.571		0.0000	0.000	2281.3	0.084	BB	0.032	1176.71	0.095
8	2.750		0.0000	0.000	1046.7	0.038	BB	0.031	562.70	0.046
9	2.828		0.0000	0.000	2014.9	0.074	BB	0.049	690.16	0.056
10	2.926	TCX	334.7614	39.569	7120.1	0.261	BB	0.033	3566.77	0.289
11	3.086		0.0000	0.000	64.9	0.002	BB	0.027	40.31	0.003
12	3.119		0.0000	0.000	151.8	0.006	BB	0.026	95.83	0.008
13	3.171		0.0000	0.000	2097.6	0.077	BB	0.030	1151.50	0.093
14	3.366		0.0000	0.000	21650.0	0.795	BB	0.037	9670.74	0.783
15	3.503		0.0000	0.000	35.4	0.001	BB	0.014	42.75	0.003
16	3.554		0.0000	0.000	400.3	0.015	BB	0.042	158.20	0.013
17	3.653		0.0000	0.000	21.7	0.001	BB	0.010	37.75	0.003
18	3.686		0.0000	0.000	226.6	0.008	BB	0.039	95.92	0.008
19	3.820		0.0000	0.000	334.8	0.012	BB	0.041	136.94	0.011
20	3.986		0.0000	0.000	208.3	0.008	BB	0.038	90.42	0.007
21	4.020		0.0000	0.000	328.9	0.012	BB	0.029	186.38	0.015
22	4.236		0.0000	0.000	175.3	0.006	BB	0.026	114.58	0.009
23	4.283		0.0000	0.000	356.5	0.013	BB	0.037	161.13	0.013
24	4.346		0.0000	0.000	745.7	0.027	BB	0.043	289.23	0.023
25	4.520		0.0000	0.000	18.6	0.001	BB	0.009	36.26	0.003
26	4.547		0.0000	0.000	1612.5	0.059	BB	0.061	440.87	0.036
27	4.636		0.0000	0.000	50.2	0.002	BB	0.012	71.14	0.006
28	4.687		0.0000	0.000	281.5	0.010	BB	0.028	166.72	0.014
29	4.830		0.0000	0.000	507.4	0.019	BB	0.026	325.89	0.026
30	4.896		0.0000	0.000	18713.1	0.687	BB	0.036	8612.86	0.698
31	4.995		0.0000	0.000	2897.7	0.106	BB	0.024	1979.08	0.160
32	5.049		0.0000	0.000	49628.1	1.822	BB	0.041	20077.40	1.626
33	5.268		0.0000	0.000	1383.7	0.051	BB	0.026	901.32	0.073
34	5.308		0.0000	0.000	4184.3	0.154	BB	0.021	3389.32	0.275
35	5.347		0.0000	0.000	3749.5	0.138	BB	0.023	2759.74	0.224
36	5.456		0.0000	0.000	45980.9	1.688	BB	0.036	21465.12	1.739
37	5.494		0.0000	0.000	9779.4	0.359	BB	0.025	6601.57	0.535
38	5.571		0.0000	0.000	159506.0	5.855	BB	0.038	70372.10	5.700
39	5.667		0.0000	0.000	2471.8	0.091	BB	0.017	2492.40	0.202
40	5.705		0.0000	0.000	26557.1	0.975	BB	0.026	16938.12	1.372
41	5.765		0.0000	0.000	274987.4	10.095	BB	0.041	111796.10	9.055
42	5.909		0.0000	0.000	187624.9	6.888	BB	0.036	86305.32	6.990
43	5.979		0.0000	0.000	5430.0	0.199	BB	0.019	4739.61	0.384
44	6.035		0.0000	0.000	25723.8	0.944	BB	0.025	17396.38	1.409
45	6.084		0.0000	0.000	148999.6	5.470	BB	0.027	90610.93	7.339
46	6.122		0.0000	0.000	36576.5	1.343	BB	0.020	30035.39	2.433
47	6.177		0.0000	0.000	45778.8	1.681	BB	0.027	28477.67	2.307
48	6.312		0.0000	0.000	26912.6	0.988	BB	0.035	12643.58	1.024
49	6.381		0.0000	0.000	198430.9	7.284	BB	0.041	81071.04	6.566
50	6.479		0.0000	0.000	56442.9	2.072	BB	0.026	35561.77	2.880
51	6.522		0.0000	0.000	11347.4	0.417	BB	0.019	10158.61	0.823
52	6.557		0.0000	0.000	9504.4	0.349	BB	0.019	8386.77	0.679
53	6.631		0.0000	0.000	540868.4	19.855	BB	0.042	216288.40	17.518
54	6.916		0.0000	0.000	56473.9	2.073	BB	0.027	34386.96	2.785
55	6.976		0.0000	0.000	379509.9	13.932	BB	0.040	158049.40	12.801
56	7.189		0.0000	0.000	6510.2	0.239	BB	0.030	3640.61	0.295
57	7.254		0.0000	0.000	9344.3	0.343	BB	0.034	4634.93	0.375
58	7.321		0.0000	0.000	105.5	0.004	BB	0.012	146.34	0.012
59	7.370		0.0000	0.000	59666.8	2.190	BB	0.038	25896.23	2.097
60	7.541		0.0000	0.000	173142.2	6.356	BB	0.044	65449.14	5.301
61	7.736		0.0000	0.000	980.8	0.036	BB	0.041	400.58	0.032
62	7.803		0.0000	0.000	939.0	0.034	BB	0.050	311.82	0.025

ASX04 0663

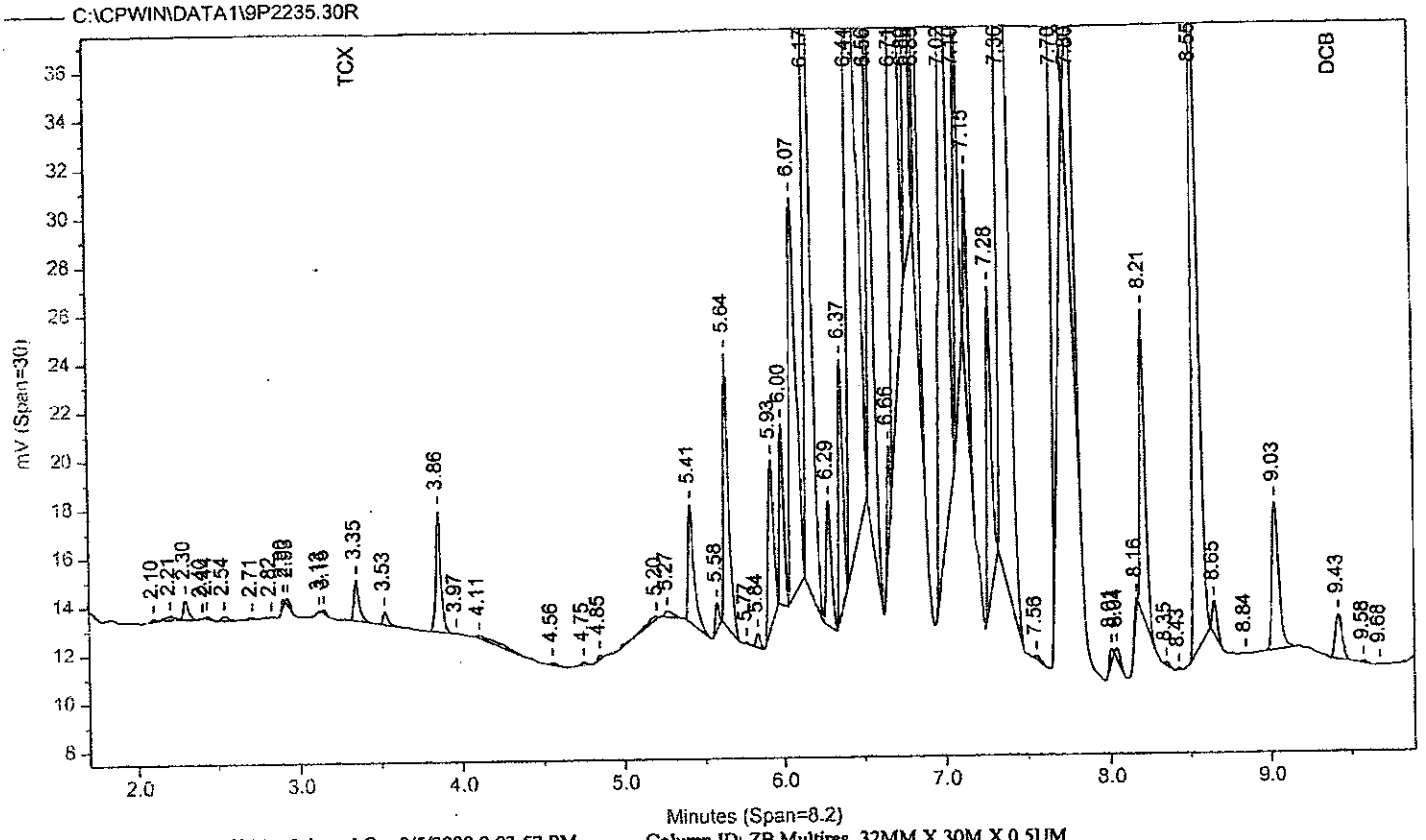
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.897		0.0000	0.000	35366.4	1.298	BB	0.041	14288.77	1.157
64	8.070		0.0000	0.000	380.5	0.014	BB	0.054	117.48	0.010
65	8.218	DCB	511.2619	60.431	12012.8	0.441	BB	0.043	4702.87	0.381
66	8.387		0.0000	0.000	40.4	0.001	BB	0.017	38.68	0.003
67	8.403		0.0000	0.000	20.5	0.001	BB	0.010	35.03	0.003
68	8.436		0.0000	0.000	61.1	0.002	BB	0.015	68.69	0.006
69	8.520		0.0000	0.000	92.1	0.003	BB	0.023	66.30	0.005
70	8.553		0.0000	0.000	24.2	0.001	BB	0.009	47.02	0.004
71	8.587		0.0000	0.000	1259.9	0.046	BB	0.041	507.24	0.041
72	8.787		0.0000	0.000	36.6	0.001	BB	0.010	62.85	0.005
73	8.820		0.0000	0.000	31.9	0.001	BB	0.011	49.18	0.004
74	8.837		0.0000	0.000	23.0	0.001	BB	0.008	50.79	0.004
75	8.920		0.0000	0.000	502.1	0.018	BB	0.126	66.55	0.005
76	8.937		0.0000	0.000	32.9	0.001	BB	0.012	45.76	0.004
77	8.954		0.0000	0.000	28.1	0.001	BB	0.010	49.23	0.004
78	8.970		0.0000	0.000	424.6	0.016	BB	0.048	148.78	0.012
79	9.453		0.0000	0.000	114.8	0.004	BB	0.019	103.04	0.008
80	9.520		0.0000	0.000	549.6	0.020	BB	0.060	153.26	0.012
81	9.687		0.0000	0.000	87.3	0.003	BB	0.038	38.63	0.003
82	9.703		0.0000	0.000	5957.1	0.219	BB	0.423	234.89	0.019
83	9.937		0.0000	0.000	37231.6	1.367	BB	0.067	9263.16	0.750

Total Area = 2724110.0, Total Amount = 846.023, Total Height = 1234651.0, Sample Units = ug/l

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.30R

C:\CPWIN\DATA1\9P2235.30R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 9:03:57 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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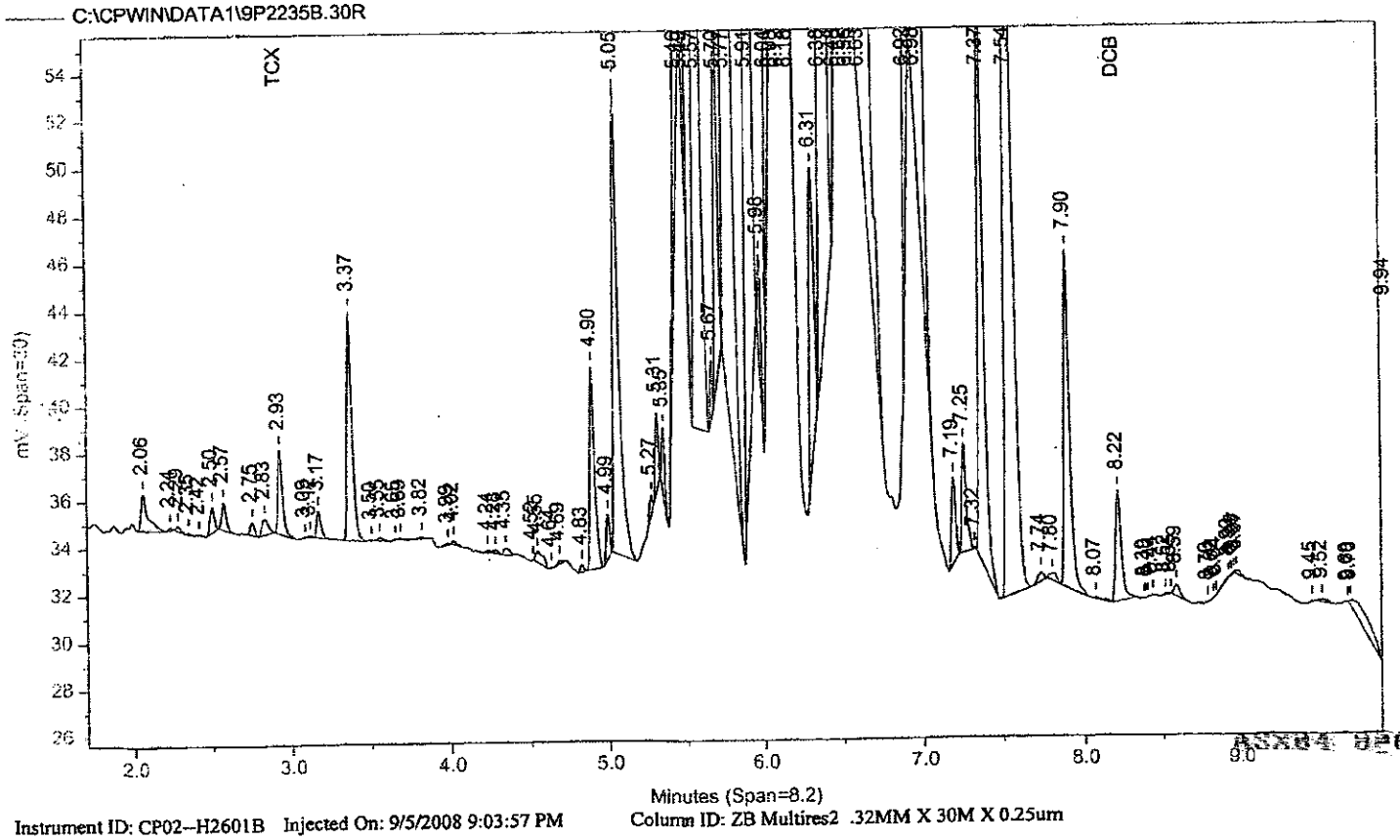

Instrument ID: CP02--H2601B Injected On: 9/5/2008 9:03:57 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 500

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	1681	8.78644	TCX	2.926	3567	11.15872	TCX
9.425	1857	13.5352	DCB	8.218	4703	17.04206	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.30A
Area File: C:\CPWIN\DATA1\9P2235B.30A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 9:14:00 PM
File Reported On: 9/5/2008 at 9:14:07 PM

10X REPLOTS

ASX04 0666

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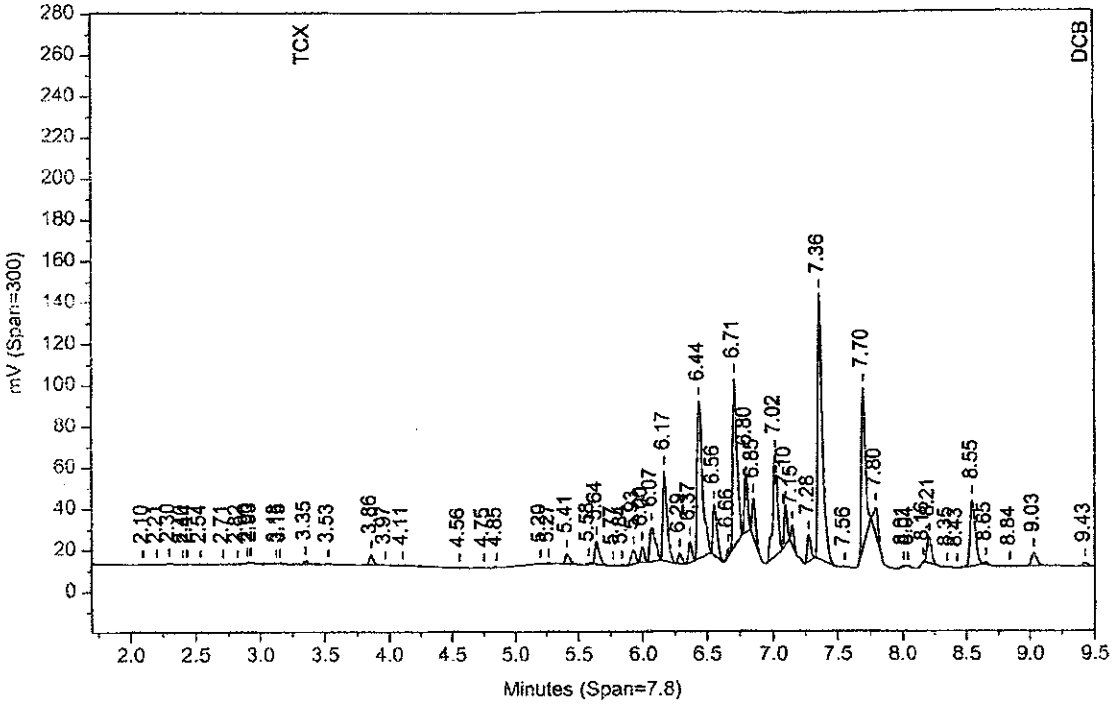

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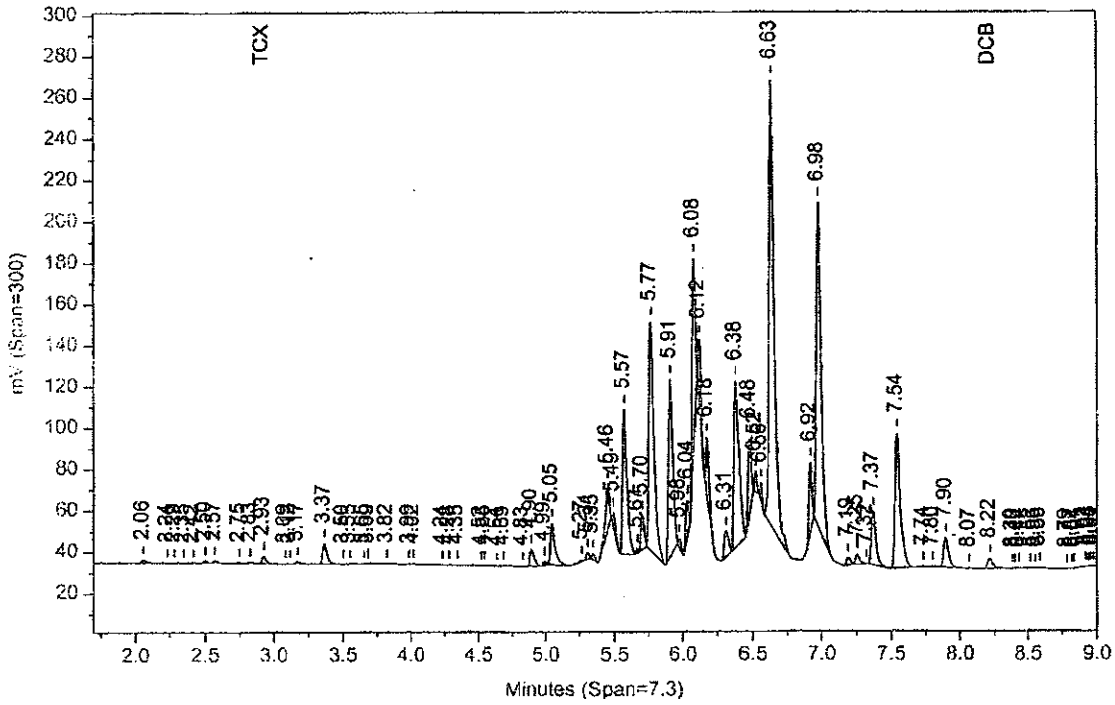


Multiple Component Data Summary

Sample Name: 5454414 ACF DF5000 AMSSX Sample ID: AG **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 19:11:54
Instrument H2601A
Result file 10P2235.19R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.15**	
6.03	6.06	6.09	33658.94921	798469.746849			1
6.14	6.16	6.20	77885.25	907324.57943			2
6.41	6.44	6.47	111132.2031	1107080.584116			3
6.68	6.71	6.74	116234.1328	1067440.331932			4
6.77	6.79	6.83	44337.36328	734968.117677			5
6.98	7.01	7.04	67716.60156	1029939.739159			6

Height summation: **450964.500001**
Concentration CF: **940870.516527** L:

Analysis Report (B)

Injected on Sep 08, 2008 19:11:54
Instrument H2601B
Result file 10P2235B.19R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 1281.9% Conc: 127.8705
%SSR(DCB) * 394.5% Conc: 39.50660

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.43**	
5.43	5.45	5.49	46068.45312	852462.159272			1
5.54	5.57	5.60	116950.6796	810668.569893			2
5.74	5.76	5.80	152267.4687	905401.369071			3
6.06	6.08	6.12	109141.0078	965821.674246			4
6.35	6.38	6.41	97300.16406	761275.655361			5
7.51	7.54	7.57	64977.64843	704597.556331			6

Height summation: **586705.421877**
Concentration CF: **833371.164029** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<85000	<16500			4	15	
Aroclor-1221			<85000	<26000			3	5	
Aroclor-1232			<85000	<16500			4	10	
Aroclor-1242			<85000	<16500			4	30	
Aroclor-1248			<85000	<16500			4	30	
Aroclor-1254			<85000	<16500			4	40	
Aroclor-1260	A	940870.516527	85000	16500		12.12	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamuch Bullhart Date: 9-9-08
Verified By: A Carey 1151 Date: 9-10-08

ASX04 0668

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454414** ACF DF5000 AMSSX Sample ID: AG **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:11:54
Instrument : CP02--H2601A
Result file : 10P2235.19R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	217.26	
3.73	3.76	3.79	50.909512	1255.97555			1
4.26	4.28	4.32	199.767059	4000.013195			2
4.55	4.59	4.61	400.064148	3590.348			3
4.71	4.74	4.77	211.423767	4614.38564			4
5.38	5.41	5.44	22439.57226	579047.481405			6
Height Summation:			**23301.736752**				
Amount Avg CF:			**118501.640758**	Linear:			
Aroclor-1221					2	124.95	
3.65	3.66	3.71	240.576263	14304.689202			2
3.72	3.76	3.78	50.909512	884.767327			3
Height Summation:			**291.485775**				
Amount Avg CF:			**7594.728265**	Linear:			
Aroclor-1232					5	222.43	
3.72	3.76	3.78	50.909512	1070.247057			1
4.26	4.28	4.32	199.767059	8344.48868			2
4.55	4.59	4.61	400.064148	7359.937966			3
4.70	4.74	4.76	211.423767	9932.993517			4
E 5.38	5.41	5.44	22439.57226	6306793.779089			6
Height Summation:			**23301.736752**				
Amount Avg CF:			**1266700.289262**	Linear:			
Aroclor-1242					5	221.60	
3.73	3.76	3.79	50.909512	1502.686384			1
4.26	4.28	4.32	199.767059	4989.43651			2
4.55	4.59	4.61	400.064148	4534.332404			3
4.71	4.74	4.77	211.423767	5898.936051			4
E 5.38	5.41	5.44	22439.57226	2344048.079599			6
Height Summation:			**23301.736752**				
Amount Avg CF:			**472194.69419**	Linear:			
Aroclor-1248					4	67.07	
4.55	4.59	4.61	400.064148	7186.825858			1
5.62	5.64	5.68	30183.27343	485839.326601			4
5.96	5.99	6.02	15012.96191	457647.513096			5
6.26	6.29	6.32	8471.391602	365095.831696			6
Height Summation:			**54067.691102**				
Amount Avg CF:			**328942.374313**	Linear:			
Aroclor-1254					6	106.89	
4.82	4.85	4.88	1870.28772	40461.084156			1
5.61	5.64	5.67	30183.27343	393413.392201			2
5.96	5.99	6.02	15012.96191	136702.73153			3
6.26	6.29	6.32	8471.391602	102205.880035			4
6.52	6.56	6.58	39910.19921	708771.119747			5
6.68	6.71	6.74	116234.1328	1253389.009874			6
Height Summation:			**211682.246706**				
Amount Avg CF:			**439157.202924**	Linear:			
Aroclor-1260					6	16.15	
6.03	6.06	6.09	33658.94921	798469.746849			1
6.14	6.16	6.20	77885.25	907324.57943			2
6.41	6.44	6.47	111132.2031	1107080.584116			3
6.68	6.71	6.74	116234.1328	1067440.331932			4
6.77	6.79	6.83	44337.36328	734968.117677			5
6.98	7.01	7.04	67716.60156	1029939.739159			6
Height Summation:			**450964.500001**				
Amount Avg CF:			**940870.516527**	Linear:			

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:29:17

Analysis Report (B)

Injected on : SEP 08, 2008 19:11:54
Instrument : CP02--H2601B
Result file : 10P2235B.19R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET matrix interference
%SSR(TCX) : *1281.9% Conc.: 127.870583
%SSR(DCB) : *394.5% Conc.: 39.506603

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	198.51	
E 3.32	3.37	3.38	150386.625	1997182.248464			1
3.65	3.68	3.71	464.127808	4111.874268			2
3.84	3.89	3.90	376.043579	4415.659625			3
4.08	4.11	4.14	519.927979	2725.841448			4
Height Summation:			**151746.724366**				
Amount Avg CF:			**502108.905951**	Linear:			
Aroclor-1221					2	138.95	
3.14	3.17	3.20	533.308228	12699.629185			1
E 3.32	3.37	3.38	150386.625	1438170.61625			3
Height Summation:			**150919.933228**				
Amount Avg CF:			**725435.122718**	Linear:			
Aroclor-1232					4	196.66	
E 3.32	3.37	3.38	150386.625	1735403.828844			1
3.65	3.68	3.71	464.127808	7746.696176			2
3.83	3.89	3.89	376.043579	9002.288112			3
4.07	4.11	4.13	519.927979	5262.002864			4
Height Summation:			**151746.724366**				
Amount Avg CF:			**439353.703999**	Linear:			
Aroclor-1242					4	198.44	
E 3.32	3.37	3.38	150386.625	2390732.306372			1
3.65	3.68	3.71	464.127808	5192.631716			2
3.84	3.89	3.90	376.043579	5447.775204			3
4.08	4.11	4.14	519.927979	3452.445792			4
Height Summation:			**151746.724366**				
Amount Avg CF:			**601206.289771**	Linear:			
Aroclor-1248					3	158.72	
4.14	4.17	4.20	87.045776	4062.555469			1
4.52	4.55	4.58	2128.109863	21537.72493			3
4.87	4.90	4.93	35420.01562	430331.892718			5
Height Summation:			**37635.171264**				
Amount Avg CF:			**151977.391039**	Linear:			
Aroclor-1254					6	129.81	
5.24	5.27	5.30	2726.243652	47917.926522			1
5.32	5.35	5.38	10765.01562	105410.396153			2
5.41	5.45	5.47	46068.45312	247962.164434			3
5.64	5.67	5.70	3387.749023	25900.673368			4
5.94	5.98	6.00	5231.516113	68915.862086			5
6.05	6.08	6.11	109141.0078	706665.121866			6
Height Summation:			**177319.985351**				
Amount Avg CF:			**200462.024072**	Linear:			
Aroclor-1260					6	11.43	
5.43	5.45	5.49	46068.45312	852462.159272			1
5.54	5.57	5.60	116950.6796	810668.569893			2
5.74	5.76	5.80	152267.4687	905401.369071			3
6.06	6.08	6.12	109141.0078	965821.674246			4
6.35	6.38	6.41	97300.16406	761275.655361			5
7.51	7.54	7.57	64977.64843	704597.556331			6
Height Summation:			**586705.421877**				
Amount Avg CF:			**833371.164029**	Linear:			

ASX04 0669

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454414** ACF DF5000 AMSSX Sample ID: AG **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:11:54
Instrument : CP02--H2601A
Result file : 10P2235.19R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**42.66**	
6.03	6.06	6.09	33658.94921	676885.60998			1
6.13	6.16	6.19	77885.25	994556.739545			2
E 6.40	6.44	6.46	111132.2031	1291693.610317			3
E 6.67	6.71	6.73	116234.1328	1497051.504739			4
6.76	6.79	6.82	44337.36328	418592.298964			5
6.98	7.01	7.04	67716.60156	770962.202319			6
Height Summation:			**450964.500001**				
Amount Avg CF:			**941623.660977**	Linear:			
Aroclor-1268					**5**	**78.33**	
6.76	6.79	6.82	44337.36328	936850.795652			1
7.00	7.01	7.06	67716.60156	1179665.969197			2
7.66	7.70	7.72	87401.14062	389647.133318			3
8.01	8.05	8.07	817.025696	4415.022493			4
8.51	8.55	8.57	34173.57421	461934.398645			6
Height Summation:			**234445.705384**				
Amount Avg CF:			**594502.663861**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 19:11:54
Instrument : CP02--H2601B
Result file : 10P2235B.19R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**88.59**	
E 6.05	6.08	6.11	109141.0078	1773053.367072			1
6.14	6.17	6.20	35970.81640	710681.203314			2
6.44	6.48	6.50	39880.78125	540705.867568			3
6.88	6.91	6.94	32998.53125	241992.162886			4
7.34	7.37	7.40	27565.25195	478314.767966			5
7.86	7.90	7.92	12299.19043	188183.155249			6
Height Summation:			**257855.579102**				
Amount Avg CF:			**655488.420676**	Linear:			
Aroclor-1268					**6**	**158.74**	
6.10	6.12	6.16	37761.88281	463659.352277			1
6.35	6.38	6.41	97300.16406	939006.234518			2
E 6.60	6.63	6.66	246585.8437	5463135.757412			3
6.94	6.97	7.00	173573.1093	512272.205349			4
7.16	7.19	7.22	1467.741455	4266.189743			5
7.51	7.54	7.57	64977.64843	410259.66903			6
Height Summation:			**621666.389894**				
Amount Avg CF:			**1298766.568055**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			85000	16500		** 123.62	4	15	
Aroclor-1221			85000	26000		** 195.86	3	5	
Aroclor-1232			85000	16500	E	** 96.99	4	10	
Aroclor-1242			85000	16500	E	24.04	4	30	
Aroclor-1248			85000	16500		** 73.59	4	30	
Aroclor-1254			85000	16500		** 74.64	4	40	
Aroclor-1260			85000	16500		12.12	4	40	
Aroclor-1262			0	0	E	35.83	4	40	
Aroclor-1268			0	0		** 74.40	4	40	

Units: _____

ASX04 0678

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:29:17

Sample Name: **5454414ACF DF5000 AGAMSSX T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 07:21:54pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.19R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.100		0.0000	0.000	920.8	0.033	BB	0.036	429.53	0.037
2	2.216		0.0000	0.000	3316.5	0.121	BB	0.060	922.47	0.080
3	2.301		0.0000	0.000	7717.4	0.281	BB	0.036	3546.79	0.307
4	2.436		0.0000	0.000	864.1	0.031	BB	0.036	394.80	0.034
5	2.541		0.0000	0.000	468.3	0.017	BB	0.048	161.74	0.014
6	2.716		0.0000	0.000	281.8	0.010	BB	0.070	67.56	0.006
7	2.829		0.0000	0.000	611.4	0.022	BB	0.085	120.18	0.010
8	2.898		0.0000	0.000	61090.4	2.221	BB	0.036	28358.18	2.452
9	3.035		0.0000	0.000	292.4	0.011	BB	0.039	124.93	0.011
10	3.158		0.0000	0.000	12653.4	0.460	BB	0.035	5978.02	0.517
11	3.312		0.0000	0.000	699.8	0.025	BB	0.038	303.10	0.026
12	3.396		0.0000	0.000	1259.4	0.046	BB	0.057	369.37	0.032
13	3.526		0.0000	0.000	604.0	0.022	BB	0.034	293.43	0.025
14	3.657		0.0000	0.000	747.0	0.027	BB	0.052	240.58	0.021
15	3.756		0.0000	0.000	119.5	0.004	BB	0.039	50.91	0.004
16	3.861		0.0000	0.000	180944.8	6.578	BB	0.033	92619.01	8.010
17	4.027		0.0000	0.000	61.8	0.002	BB	0.021	49.06	0.004
18	4.109		0.0000	0.000	2565.1	0.093	BB	0.042	1013.36	0.088
19	4.208		0.0000	0.000	126.7	0.005	BB	0.026	81.76	0.007
20	4.277		0.0000	0.000	636.1	0.023	BB	0.053	199.77	0.017
21	4.393		0.0000	0.000	61.9	0.002	BB	0.021	48.92	0.004
22	4.466		0.0000	0.000	146.5	0.005	BB	0.031	80.05	0.007
23	4.587		0.0000	0.000	1593.4	0.058	BB	0.066	400.06	0.035
24	4.741		0.0000	0.000	777.5	0.028	BB	0.061	211.42	0.018
25	4.848		0.0000	0.000	5383.4	0.196	BB	0.048	1870.29	0.162
26	4.958		0.0000	0.000	51.3	0.002	BB	0.018	46.33	0.004
27	5.229		0.0000	0.000	2731.7	0.099	BB	0.338	134.75	0.012
28	5.320		0.0000	0.000	433.0	0.016	BB	0.067	108.24	0.009
29	5.352		0.0000	0.000	67.1	0.002	BB	0.016	69.96	0.006
30	5.413		0.0000	0.000	61239.4	2.226	BB	0.045	22439.57	1.941
31	5.581		0.0000	0.000	4630.0	0.168	BB	0.028	2798.57	0.242
32	5.641		0.0000	0.000	71886.4	2.613	BB	0.040	30183.27	2.610
33	5.788		0.0000	0.000	143.2	0.005	BB	0.027	87.21	0.008
34	5.838		0.0000	0.000	2069.3	0.075	BB	0.031	1128.97	0.098
35	5.927		0.0000	0.000	33397.8	1.214	BB	0.039	14245.62	1.232
36	5.994		0.0000	0.000	26056.6	0.947	BB	0.029	15012.96	1.298
37	6.063		0.0000	0.000	101486.9	3.689	BB	0.050	33658.95	2.911
38	6.164		0.0000	0.000	178274.6	6.481	BB	0.038	77885.25	6.735
39	6.286		0.0000	0.000	18871.1	0.686	BB	0.037	8471.39	0.733
40	6.366		0.0000	0.000	26058.6	0.947	BB	0.030	14626.29	1.265
41	6.439		0.0000	0.000	327989.7	11.923	BB	0.049	111132.20	9.611
42	6.556		0.0000	0.000	87302.4	3.174	BB	0.036	39910.20	3.451
43	6.661		0.0000	0.000	5875.5	0.214	BB	0.021	4624.82	0.400
44	6.706		0.0000	0.000	262969.5	9.560	BB	0.038	116234.10	10.052
45	6.793		0.0000	0.000	75499.9	2.745	BB	0.028	44337.36	3.834
46	6.852		0.0000	0.000	48477.3	1.762	BB	0.029	27876.13	2.411
47	7.012		0.0000	0.000	173417.0	6.304	BB	0.043	67716.60	5.856
48	7.093		0.0000	0.000	41427.0	1.506	BB	0.028	24974.12	2.160
49	7.146		0.0000	0.000	18627.7	0.677	BB	0.026	12099.25	1.046
50	7.275		0.0000	0.000	37604.6	1.367	BB	0.034	18451.40	1.596
51	7.359		0.0000	0.000	416834.9	15.153	BB	0.044	159243.50	13.771
52	7.697		0.0000	0.000	191081.8	6.946	BB	0.036	87401.14	7.558
53	7.791		0.0000	0.000	34610.8	1.258	BB	0.038	15049.66	1.301
54	8.003		0.0000	0.000	181.7	0.007	BB	0.031	98.30	0.009
55	8.046		0.0000	0.000	1852.6	0.067	BB	0.038	817.03	0.071
56	8.206		0.0000	0.000	65464.1	2.380	BB	0.065	16819.29	1.455
57	8.547		0.0000	0.000	93528.3	3.400	BB	0.046	34173.57	2.955
58	8.648		0.0000	0.000	2134.5	0.078	BB	0.032	1116.88	0.097
59	8.749		0.0000	0.000	101.8	0.004	BB	0.030	56.58	0.005
60	8.821		0.0000	0.000	351.1	0.013	BB	0.033	178.96	0.015
61	9.033		0.0000	0.000	17306.8	0.629	BB	0.049	5911.05	0.511
62	9.151		0.0000	0.000	62.2	0.002	BB	0.026	40.03	0.003

ASX84 6671

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.228		0.0000	0.000	874.2	0.032	BB	0.102	142.40	0.012
64	9.500		0.0000	0.000	270.0	0.010	BB	0.031	143.27	0.012
65	9.580		0.0000	0.000	560.5	0.020	BB	0.039	242.49	0.021
66	9.720		0.0000	0.000	224.3	0.008	BB	0.049	76.45	0.007
67	9.867		0.0000	0.000	669.1	0.024	BB	0.044	253.57	0.022
68	9.932		0.0000	0.000	34171.4	1.242	BB	0.068	8398.90	0.726

Total Area = 2750811.0, Total Amount = 0.0, Total Height = 1156352.0, Sample Units = ug/l

ASXB4 B672

Sample Name: **5454414ACF DF5000 AGAMSSX T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 07:21:54pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.19R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.060		0.0000	0.000	14997.3	0.377	BB	0.042	5938.94	0.337
2	2.183		0.0000	0.000	76.1	0.002	BB	0.028	45.50	0.003
3	2.290		0.0000	0.000	601.2	0.015	BB	0.046	218.73	0.012
4	2.364		0.0000	0.000	19.1	0.000	BB	0.010	30.63	0.002
5	2.418		0.0000	0.000	964.0	0.024	BB	0.049	325.22	0.018
6	2.502		0.0000	0.000	89646.5	2.252	BB	0.038	39650.74	2.249
7	2.570		0.0000	0.000	3448.4	0.087	BB	0.023	2471.03	0.140
8	2.699		0.0000	0.000	220.7	0.006	BB	0.029	126.70	0.007
9	2.747		0.0000	0.000	20624.2	0.518	BB	0.034	10107.58	0.573
10	2.835		0.0000	0.000	638.7	0.016	BB	0.024	447.20	0.025
11	2.940	TCX	3836.1170	76.397	1841.7	0.046	BB	0.075	408.72	0.023
12	3.114		0.0000	0.000	931.1	0.023	BB	0.041	374.60	0.021
13	3.170		0.0000	0.000	856.5	0.022	BB	0.027	533.31	0.030
14	3.218		0.0000	0.000	355.1	0.009	BB	0.023	257.35	0.015
15	3.299		0.0000	0.000	371.7	0.009	BB	0.038	162.40	0.009
16	3.367		0.0000	0.000	333018.8	8.366	BB	0.037	150386.60	8.529
17	3.556		0.0000	0.000	1628.4	0.041	BB	0.026	1057.10	0.060
18	3.633		0.0000	0.000	120.2	0.003	BB	0.034	59.58	0.003
19	3.678		0.0000	0.000	1652.1	0.042	BB	0.059	464.13	0.026
20	3.825		0.0000	0.000	514.3	0.013	BB	0.030	286.40	0.016
21	3.891		0.0000	0.000	1100.9	0.028	BB	0.049	376.04	0.021
22	3.983		0.0000	0.000	220.3	0.006	BB	0.064	57.42	0.003
23	4.018		0.0000	0.000	439.1	0.011	BB	0.025	291.36	0.017
24	4.112		0.0000	0.000	1238.5	0.031	BB	0.040	519.93	0.029
25	4.167		0.0000	0.000	89.8	0.002	BB	0.017	87.05	0.005
26	4.283		0.0000	0.000	1288.9	0.032	BB	0.055	391.37	0.022
27	4.345		0.0000	0.000	6947.7	0.175	BB	0.042	2729.46	0.155
28	4.498		0.0000	0.000	667.7	0.017	BB	0.042	264.91	0.015
29	4.550		0.0000	0.000	11717.5	0.294	BB	0.092	2128.11	0.121
30	4.750		0.0000	0.000	20190.9	0.507	BB	0.187	1794.84	0.102
31	4.896		0.0000	0.000	82001.3	2.060	BB	0.039	35420.02	2.009
32	4.995		0.0000	0.000	6055.7	0.152	BB	0.025	4057.62	0.230
33	5.049		0.0000	0.000	122558.2	3.079	BB	0.042	48332.76	2.741
34	5.266		0.0000	0.000	7896.5	0.198	BB	0.048	2726.24	0.155
35	5.347		0.0000	0.000	16438.7	0.413	BB	0.025	10765.02	0.610
36	5.454		0.0000	0.000	102821.1	2.583	BB	0.037	46068.45	2.613
37	5.493		0.0000	0.000	11400.4	0.286	BB	0.022	8578.04	0.486
38	5.571		0.0000	0.000	266689.6	6.700	BB	0.038	116950.70	6.632
39	5.666		0.0000	0.000	3475.4	0.087	BB	0.017	3387.75	0.192
40	5.704		0.0000	0.000	33959.5	0.853	BB	0.027	21267.31	1.206
41	5.765		0.0000	0.000	368258.3	9.251	BB	0.040	152267.50	8.635
42	5.908		0.0000	0.000	284152.4	7.139	BB	0.037	128877.00	7.309
43	5.976		0.0000	0.000	5887.2	0.148	BB	0.019	5231.52	0.297
44	6.034		0.0000	0.000	29508.3	0.741	BB	0.024	20757.10	1.177
45	6.082		0.0000	0.000	184387.2	4.632	BB	0.028	109141.00	6.189
46	6.122		0.0000	0.000	47549.0	1.195	BB	0.021	37761.88	2.142
47	6.175		0.0000	0.000	58117.9	1.460	BB	0.027	35970.82	2.040
48	6.313		0.0000	0.000	30902.4	0.776	BB	0.034	15211.35	0.863
49	6.379		0.0000	0.000	244280.0	6.137	BB	0.042	97300.16	5.518
50	6.477		0.0000	0.000	64744.1	1.627	BB	0.027	39880.78	2.262
51	6.521		0.0000	0.000	14059.8	0.353	BB	0.019	12527.32	0.710
52	6.555		0.0000	0.000	10279.3	0.258	BB	0.018	9429.43	0.535
53	6.630		0.0000	0.000	624661.4	15.693	BB	0.042	246585.80	13.984
54	6.915		0.0000	0.000	53602.5	1.347	BB	0.027	32998.53	1.871
55	6.974		0.0000	0.000	431902.0	10.850	BB	0.041	173573.10	9.844
56	7.189		0.0000	0.000	2470.7	0.062	BB	0.028	1467.74	0.083
57	7.255		0.0000	0.000	13488.4	0.339	BB	0.046	4850.85	0.275
58	7.369		0.0000	0.000	65521.6	1.646	BB	0.040	27565.25	1.563
59	7.542		0.0000	0.000	187528.1	4.711	BB	0.048	64977.65	3.685
60	7.740		0.0000	0.000	901.1	0.023	BB	0.038	393.80	0.022
61	7.800		0.0000	0.000	146.8	0.004	BB	0.014	172.82	0.010
62	7.834		0.0000	0.000	178.6	0.004	BB	0.019	155.42	0.009

ASX04 0673

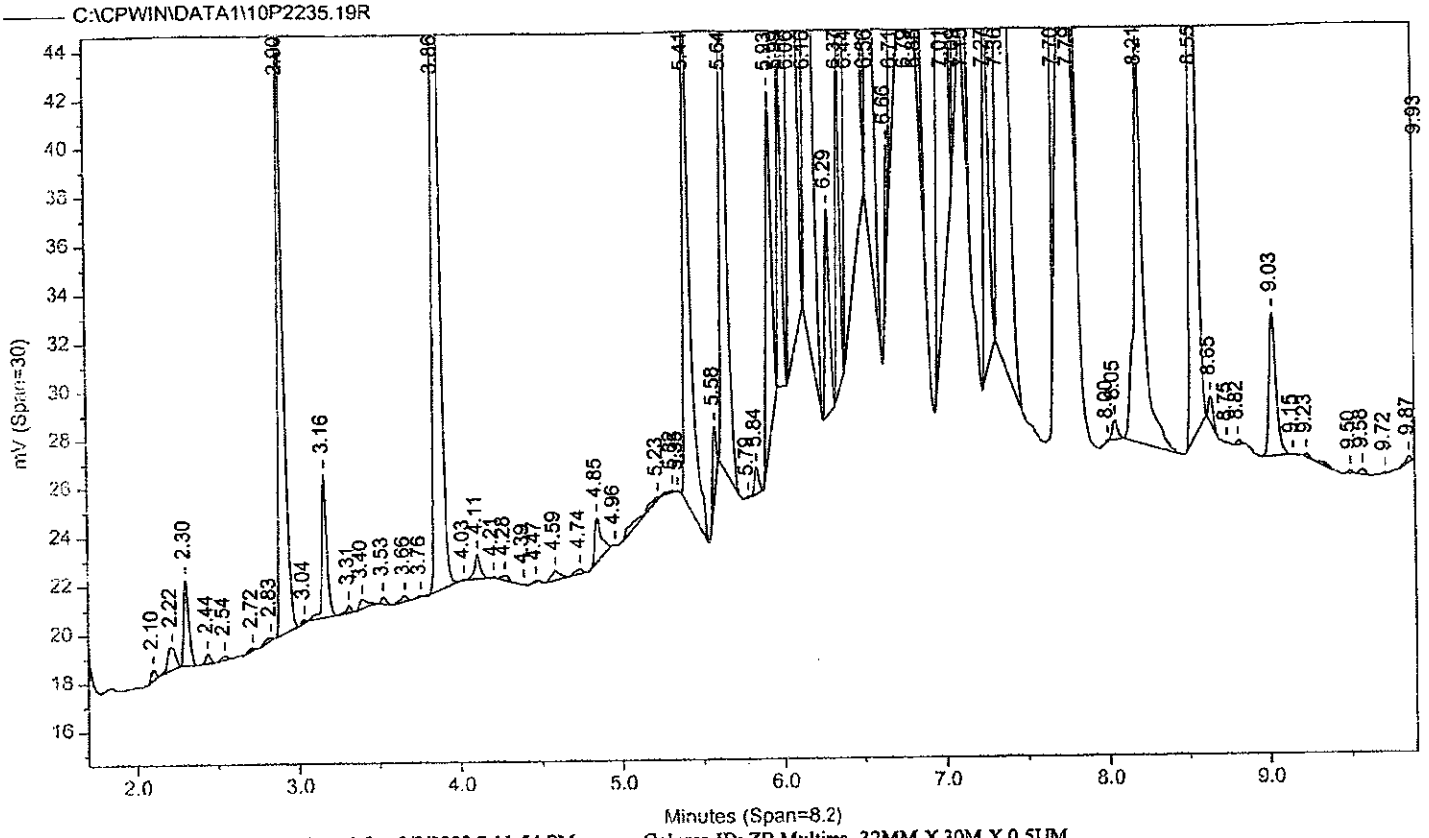
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.896		0.0000	0.000	33849.5	0.850	BB	0.046	12299.19	0.697
64	8.051		0.0000	0.000	1558.3	0.039	BB	0.066	396.27	0.022
65	8.166		0.0000	0.000	74.3	0.002	BB	0.011	108.82	0.006
66	8.199	DCB	1185.1980	23.603	159.8	0.004	BB	0.024	109.02	0.006
67	8.267		0.0000	0.000	258.2	0.006	BB	0.032	133.69	0.008
68	8.317		0.0000	0.000	909.5	0.023	BB	0.056	269.38	0.015
69	8.583		0.0000	0.000	1613.5	0.041	BB	0.038	704.73	0.040
70	8.757		0.0000	0.000	3414.3	0.086	BB	0.085	666.99	0.038
71	8.848		0.0000	0.000	1015.3	0.026	BB	0.053	318.90	0.018
72	8.966		0.0000	0.000	575.0	0.014	BB	0.041	235.30	0.013
73	9.050		0.0000	0.000	50.2	0.001	BB	0.013	63.78	0.004
74	9.074		0.0000	0.000	181.3	0.005	BB	0.023	129.13	0.007
75	9.117		0.0000	0.000	254.3	0.006	BB	0.026	164.83	0.009
76	9.216		0.0000	0.000	2383.9	0.060	BB	0.138	287.60	0.016
77	9.500		0.0000	0.000	101.7	0.003	BB	0.024	69.69	0.004
78	9.517		0.0000	0.000	328.4	0.008	BB	0.037	147.28	0.008
79	9.617		0.0000	0.000	474.2	0.012	BB	0.035	222.91	0.013
80	9.683		0.0000	0.000	70.3	0.002	BB	0.014	84.02	0.005
81	9.717		0.0000	0.000	2848.5	0.072	BB	0.159	299.23	0.017
82	9.933		0.0000	0.000	38170.8	0.959	BB	0.064	9972.31	0.566

Total Area = 3980542.0, Total Amount = 5021.315, Total Height = 1763327.0, Sample Units = ug/l

ASX84 0674

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.19R

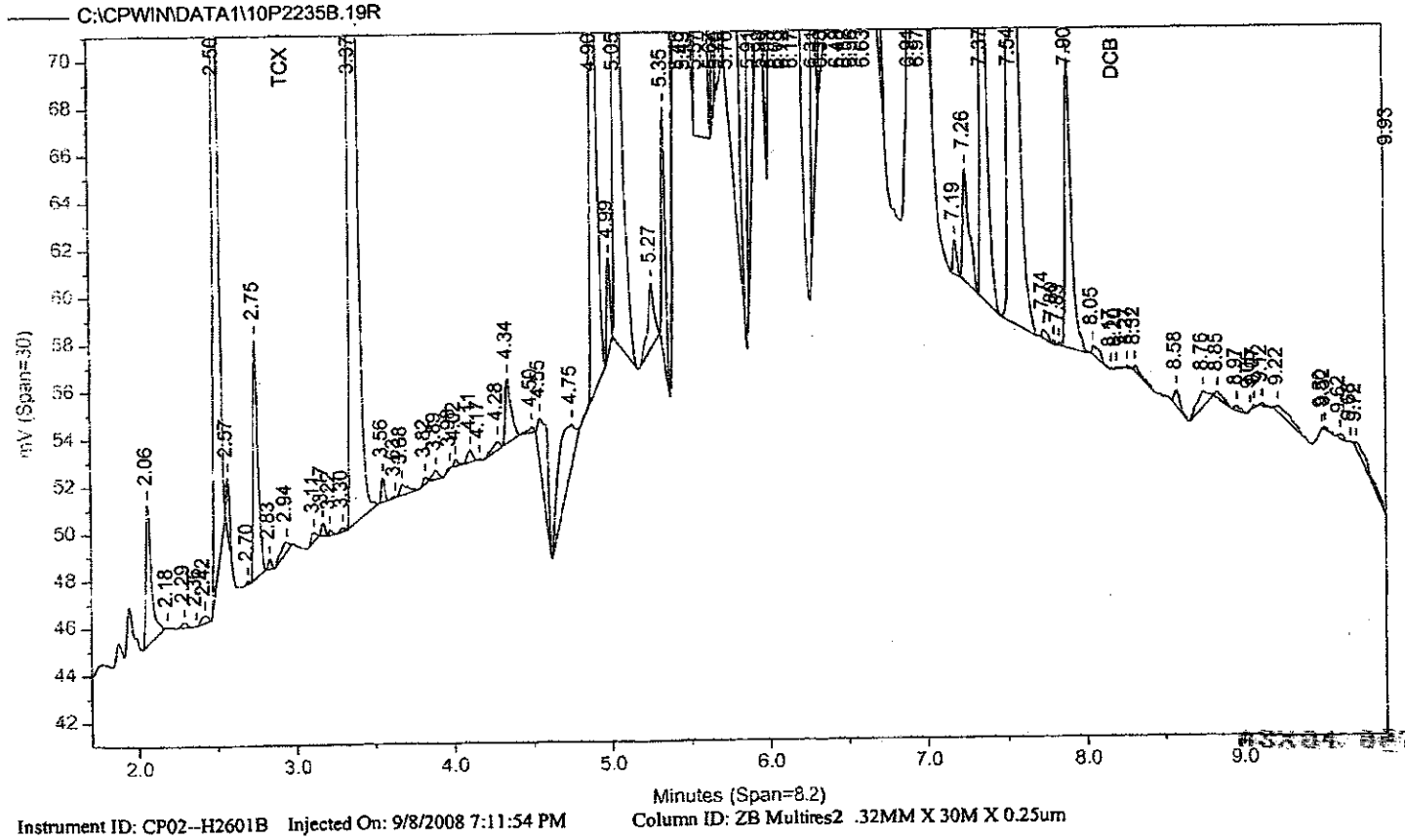
C:\CPWIN\DATA1\10P2235.19R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 7:11:54 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.19R

C:\CPWIN\DATA1\10P2235B.19R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 7:11:54 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 50000

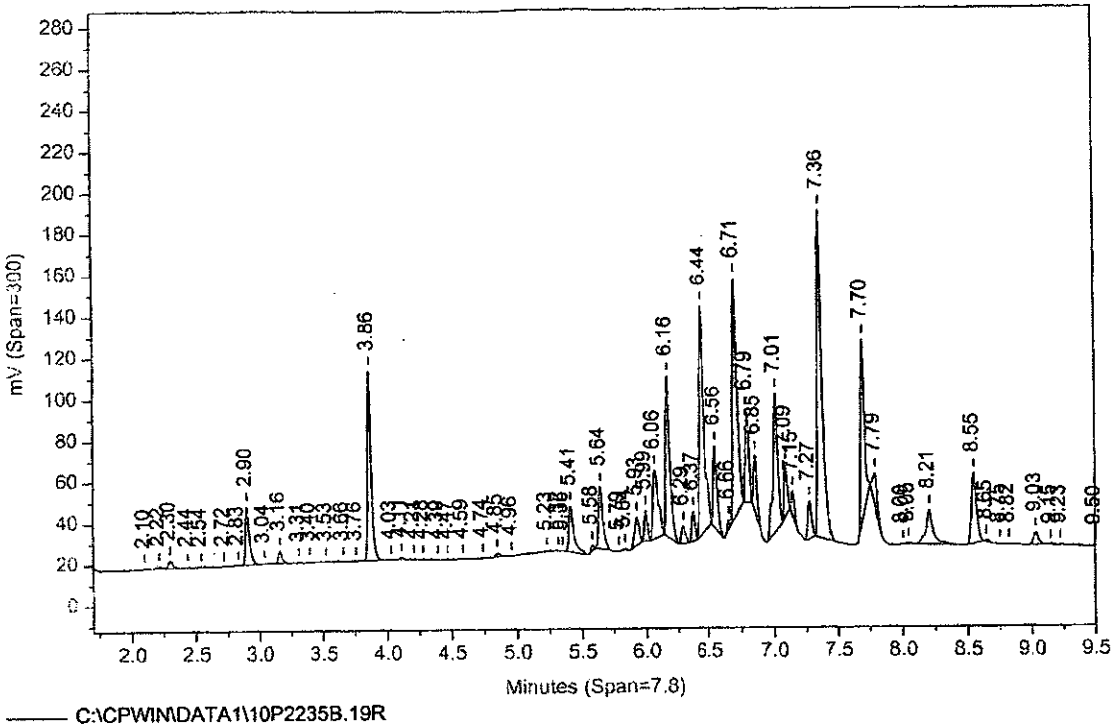
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.94	409	127.8706	TCX
.	0	.	DCB	8.199	109	39.5066	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.19A
Area File: C:\CPWIN\DATA1\10P2235B.19A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 7:21:58 PM
File Reported On: 9/8/2008 at 7:22:04 PM

10X REPLOTS

ASX04 0676

C:\CPWIN\DATA1\10P2235.19R



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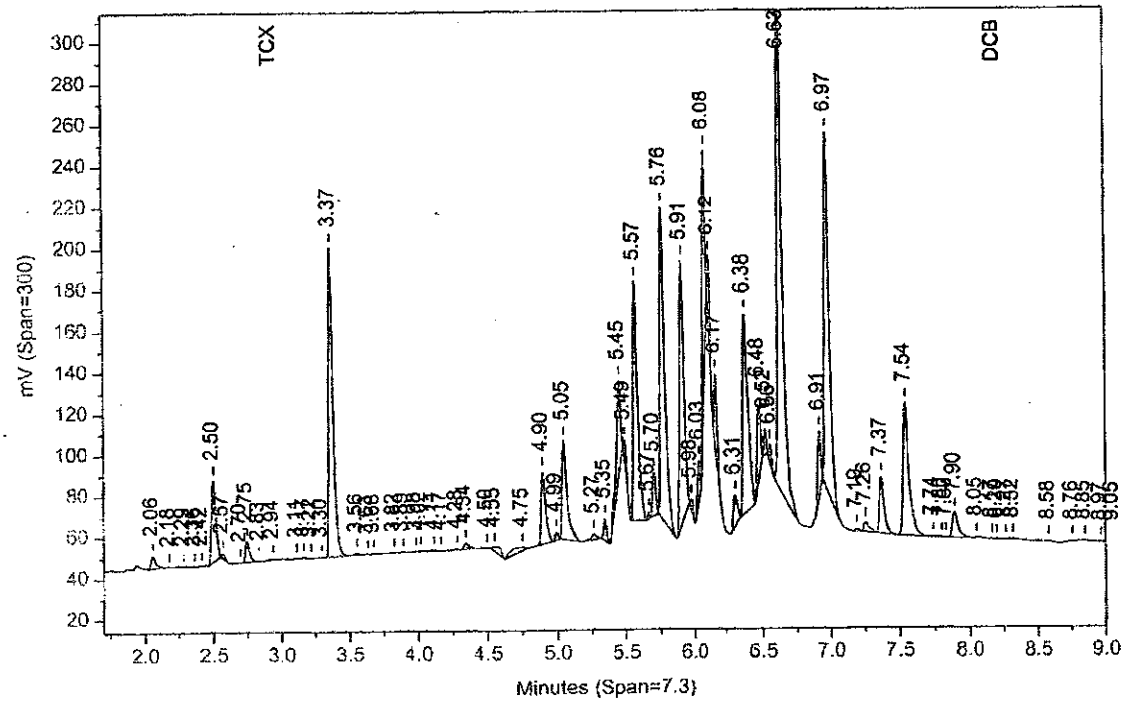

Multiple Component Data Summary

Sample Name: 5454415 ACF DF5000 AMSS6 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 19:40:47
Instrument H2601A
Result file 10P2235.21R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 1808.0% Conc: 181.0711

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**22.99**	
6.03	6.07	6.09	4426.929688	105017.224522			1
6.14	6.17	6.20	11321.22363:	131886.646977			2
6.41	6.45	6.47	19904.25195:	198282.858243			3
6.68	6.71	6.74	20869.52343!	191656.017787			4
6.77	6.80	6.83	8759.205078	145198.902057			5
6.98	7.02	7.04	10424.82031:	158556.933841			6

Height summation: **75705.954103**
Concentration CF: **155099.763905** L:

Analysis Report (B)

Injected on Sep 08, 2008 19:40:47
Instrument H2601B
Result file 10P2235B.21R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 867.4% Conc: 86.87385

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.47**	
5.43	5.46	5.49	5689.156738	105273.576783			1
5.54	5.57	5.60	18234.95898	126399.505852			2
5.74	5.77	5.80	29084.97265	172942.876626			3
6.06	6.09	6.12	21482.71875	190107.053309			4
6.35	6.38	6.41	19738.70703	154435.475785			5
7.51	7.54	7.57	14909.94726	161678.864366			6

Height summation: **109140.461425**
Concentration CF: **151806.225454** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<85000	<16500			4	15	
Aroclor-1221			<85000	<26000			3	5	
Aroclor-1232			<85000	<16500			4	10	
Aroclor-1242			<85000	<16500			4	30	
Aroclor-1248			<85000	<16500			4	30	
Aroclor-1254			<85000	<16500			4	40	
Aroclor-1260	A	155099.763905	85000	16500		2.15	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Bellhart Date: 9-9-08

Verified By: A Carey 1151 Date: 9-10-08

ASX04 8678

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454415** ACF DF5000 AMSS6 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:40:47
Instrument : CP02--H2601A
Result file : 10P2235.21R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0 deleted out
%SSR(DCB) : *1808% Conc.: 181.071136

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	143.11	
4.55	4.59	4.61	115.9935	1040.975635			3
4.71	4.72	4.77	204.967667	4473.479366			4
5.14	5.19	5.20	196.831848	5459.144251			5
5.38	5.42	5.44	1541.262085	39771.877909			6
Height Summation:			2059.055100				
Amount Avg CF:			12686.36929	Linear:			
Aroclor-1221					1		
3.65	3.65	3.71	89.324623	5311.251219			2
+ 3.65	3.70	3.71	51.579838	3066.942443			2
Height Summation:			89.324623				
Amount Avg CF:			5311.251219	Linear:			
Aroclor-1232					4	186.37	
4.55	4.59	4.61	115.9935	2133.920194			3
4.70	4.72	4.76	204.967667	9629.676627			4
5.13	5.19	5.19	196.831848	11639.279049			5
5.38	5.42	5.44	1541.262085	433182.148679			6
Height Summation:			2059.055100				
Amount Avg CF:			114146.256137	Linear:			
Aroclor-1242					4	179.24	
4.55	4.59	4.61	115.9935	1314.67188			3
4.71	4.72	4.77	204.967667	5718.804358			4
5.14	5.19	5.20	196.831848	6613.306723			5
5.38	5.42	5.44	1541.262085	161000.949023			6
Height Summation:			2059.055100				
Amount Avg CF:			43661.932996	Linear:			
Aroclor-1248					4	64.10	
4.55	4.59	4.61	115.9935	2083.728545			1
5.62	5.65	5.68	2872.983643	46244.435393			4
5.96	6.00	6.02	1786.84082	54469.148877			5
6.26	6.29	6.32	1303.11499	56161.003224			6
Height Summation:			6078.932953				
Amount Avg CF:			39739.57901	Linear:			
Aroclor-1254					6	126.65	
4.82	4.85	4.88	156.121582	3377.474172			1
5.61	5.65	5.67	2872.983643	37446.907243			2
5.96	6.00	6.02	1786.84082	16270.341742			3
6.26	6.29	6.32	1303.11499	15721.857824			4
6.52	6.56	6.58	6129.694824	108858.155287			5
6.68	6.71	6.74	20869.52343	225042.598809			6
Height Summation:			33118.279297				
Amount Avg CF:			67786.222513	Linear:			
Aroclor-1260					6	22.99	
6.03	6.07	6.09	4426.929688	105017.224522			1
6.14	6.17	6.20	11321.22363	131886.646977			2
6.41	6.45	6.47	19904.25195	198282.858243			3
6.68	6.71	6.74	20869.52343	191656.017787			4
6.77	6.80	6.83	8759.205078	145198.902057			5
+ 6.98	6.99	7.04	363.761505	5532.652569			6
6.98	7.02	7.04	10424.82031	158556.933841			6
Height Summation:			75705.954103				
Amount Avg CF:			155099.763905	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 19:40:47
Instrument : CP02--H2601B
Result file : 10P2235B.21R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *867.4% Conc.: 86.873856

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	124.07	
3.32	3.37	3.38	1582.555664	21016.84295			1
3.65	3.69	3.71	313.785889	2779.941431			2
4.08	4.11	4.14	245.929947	1289.344043			4
4.35	4.37	4.41	266.835022	5244.126916			5
+ 4.66	4.69	4.72	93.392502	1470.605403			6
4.66	4.72	4.72	168.823792	2658.384509			6
Height Summation:			2577.930314				
Amount Avg CF:			6597.72797	Linear:			
Aroclor-1221					2	63.14	
3.14	3.17	3.20	243.208603	5791.508382			1
3.32	3.37	3.38	1582.555664	15134.225231			3
Height Summation:			1825.764267				
Amount Avg CF:			10462.866807	Linear:			
Aroclor-1232					6	79.19	
3.32	3.37	3.38	1582.555664	18262.08387			1
3.65	3.69	3.71	313.785889	5237.358987			2
3.83	3.83	3.89	242.81192	5812.791343			3
4.07	4.11	4.13	245.929947	2488.967968			4
4.34	4.37	4.40	266.835022	11204.964391			5
4.65	4.69	4.71	93.392502	2905.350817			6
Height Summation:			2745.310944				
Amount Avg CF:			7651.919563	Linear:			
Aroclor-1242					5	120.55	
3.32	3.37	3.38	1582.555664	25158.267582			1
3.65	3.69	3.71	313.785889	3510.616108			2
4.08	4.11	4.14	245.929947	1633.033507			4
4.35	4.37	4.41	266.835022	6315.322872			5
+ 4.66	4.69	4.72	93.392502	2015.201579			6
4.66	4.72	4.72	168.823792	3642.840325			6
Height Summation:			2577.930314				
Amount Avg CF:			8052.016079	Linear:			
Aroclor-1248					4	104.57	
4.14	4.16	4.20	194.238373	9065.392955			1
4.35	4.37	4.41	266.835022	4708.915376			2
+ 4.66	4.69	4.72	93.392502	1327.885183			4
4.66	4.72	4.72	168.823792	2400.391971			4
4.87	4.90	4.93	2271.919434	27602.455078			5
Height Summation:			2901.816621				
Amount Avg CF:			10944.288845	Linear:			
Aroclor-1254					5	144.92	
5.24	5.27	5.30	324.841766	5709.593808			1
+ 5.24	5.29	5.30	113.949791	2002.842889			1
5.32	5.35	5.38	1410.891968	13815.370684			2
5.41	5.46	5.47	5689.156738	30621.727513			3
5.64	5.67	5.70	858.545715	6563.919577			4
6.05	6.09	6.11	21482.71875	139096.095663			6
Height Summation:			29766.154937				
Amount Avg CF:			39161.341449	Linear:			

ASX84 8679

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:30:49

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454415** ACF DF5000 AMSS6 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 50000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:40:47
Instrument : CP02--H2601A
Result file : 10P2235.21R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**49.52**	
6.03	6.07	6.09	4426.929688	89026.100687			1
6.13	6.17	6.19	11321.22363	144566.516306			2
6.40	6.45	6.46	19904.25195	231347.839266			3
6.67	6.71	6.73	20869.52343	268791.539197			4
6.76	6.80	6.82	8759.205078	82696.297645			5
+ 6.98	6.99	7.04	363.761505	4141.471434			6
6.98	7.02	7.04	10424.82031	118687.917612			6
Height Summation:			**75705.954103**				
Amount Avg CF:			**155852.701786**	Linear:			
Aroclor-1268					**4**	**39.33**	
6.76	6.80	6.82	8759.205078	185082.459563			1
7.00	7.02	7.06	10424.82031	181606.954194			2
7.66	7.70	7.72	17892.50390	79767.412702			3
8.51	8.55	8.57	7603.33252	102776.514181			6
Height Summation:			**44679.861817**				
Amount Avg CF:			**137308.33516**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 19:40:47
Instrument : CP02--H2601B
Result file : 10P2235B.21R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**20.47**	
5.43	5.46	5.49	5689.156736	105273.576783			1
5.54	5.57	5.60	18234.95898	126399.505852			2
5.74	5.77	5.80	29084.97265	172942.876626			3
6.06	6.09	6.12	21482.71875	190107.053309			4
6.35	6.38	6.41	19738.70703	154435.475785			5
7.51	7.54	7.57	14909.94726	161678.864366			6
Height Summation:			**109140.461425**				
Amount Avg CF:			**151806.225454**	Linear:			
Aroclor-1262					**6**	**85.39**	
6.05	6.09	6.11	21482.71875	348998.122491			1
6.14	6.18	6.20	6562.185547	129650.154955			2
6.44	6.48	6.50	8338.849609	113058.590404			3
6.88	6.92	6.94	7380.100586	54121.393755			4
7.34	7.37	7.40	5800.339844	100648.026412			5
7.86	7.90	7.92	2674.827393	40926.064315			6
Height Summation:			**52239.021729**				
Amount Avg CF:			**131233.725389**	Linear:			
Aroclor-1268					**6**	**158.56**	
6.10	6.13	6.16	8881.267578	109048.661398			1
6.35	6.38	6.41	19738.70703	190490.623957			2
6.60	6.63	6.66	54038.10546	1197220.009717			3
6.94	6.98	7.00	39348.35937	116130.147731			4
7.16	7.20	7.22	140.186859	407.472132			5
7.51	7.54	7.57	14909.94726	94139.295245			6
Height Summation:			**137056.573578**				
Amount Avg CF:			**284572.701697**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			85000	16500		** 63.15	4	15	
Aroclor-1221			85000	26000		** 65.32	3	5	
Aroclor-1232			85000	16500		** 174.87	4	10	
Aroclor-1242			85000	16500		** 137.72	4	30	
Aroclor-1248			85000	16500		** 113.63	4	30	
Aroclor-1254			85000	16500		** 53.53	4	40	
Aroclor-1260			85000	16500		2.15	4	40	
Aroclor-1262			0	0		17.15	4	40	
Aroclor-1268			0	0		** 69.81	4	40	

Units: _____

ASX04 0680

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/9/08 08:30:49

Sample Name: **5454415ACF DF5000 ADAMSS6 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 07:50:47pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.21R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.197		0.0000	0.000	557.2	0.117	BB	0.093	100.13	0.051
2	2.301		0.0000	0.000	613.9	0.129	BB	0.041	251.74	0.129
3	2.439		0.0000	0.000	818.6	0.171	BB	0.044	310.01	0.158
4	2.556		0.0000	0.000	171.3	0.036	BB	0.056	51.30	0.026
5	2.610		0.0000	0.000	56.6	0.012	BB	0.035	26.86	0.014
6	2.705		0.0000	0.000	511.3	0.107	BB	0.052	164.18	0.084
7	2.820		0.0000	0.000	812.4	0.170	BB	0.070	192.82	0.099
8	2.899		0.0000	0.000	78.5	0.016	BB	0.026	51.21	0.026
9	2.980		0.0000	0.000	322.2	0.067	BB	0.093	57.89	0.030
10	3.112		0.0000	0.000	1635.6	0.342	BB	0.105	260.24	0.133
11	3.241		0.0000	0.000	257.9	0.054	BB	0.055	78.66	0.040
12	3.411		0.0000	0.000	1141.5	0.239	BB	0.088	215.72	0.110
13	3.535		0.0000	0.000	434.4	0.091	BB	0.047	153.37	0.078
14	3.652		0.0000	0.000	228.0	0.048	BB	0.043	89.32	0.046
15	3.701		0.0000	0.000	73.6	0.015	BB	0.024	51.58	0.026
16	3.796		0.0000	0.000	66.2	0.014	BB	0.029	38.26	0.020
17	3.861		0.0000	0.000	1240.8	0.260	BB	0.032	644.65	0.329
18	3.942		0.0000	0.000	106.9	0.022	BB	0.042	42.70	0.022
19	3.979		0.0000	0.000	55.1	0.012	BB	0.026	35.79	0.018
20	4.030		0.0000	0.000	22.5	0.005	BB	0.015	25.85	0.013
21	4.118		0.0000	0.000	1019.1	0.213	BB	0.076	222.04	0.113
22	4.203		0.0000	0.000	41.0	0.009	BB	0.022	31.65	0.016
23	4.248		0.0000	0.000	350.6	0.073	BB	0.058	100.53	0.051
24	4.403		0.0000	0.000	21.5	0.005	BB	0.016	22.89	0.012
25	4.458		0.0000	0.000	180.2	0.038	BB	0.030	99.17	0.051
26	4.503		0.0000	0.000	79.5	0.017	BB	0.024	55.38	0.028
27	4.594		0.0000	0.000	283.9	0.059	BB	0.041	115.99	0.059
28	4.720		0.0000	0.000	773.6	0.162	BB	0.063	204.97	0.105
29	4.852		0.0000	0.000	326.1	0.068	BB	0.035	156.12	0.080
30	5.193		0.0000	0.000	2080.1	0.435	BB	0.176	196.83	0.101
31	5.329		0.0000	0.000	1641.3	0.344	BB	0.075	364.38	0.186
32	5.417		0.0000	0.000	4561.6	0.955	BB	0.049	1541.26	0.787
33	5.587		0.0000	0.000	707.1	0.148	BB	0.030	387.50	0.198
34	5.646		0.0000	0.000	6258.7	1.310	BB	0.036	2872.98	1.468
35	5.748		0.0000	0.000	26.5	0.006	BB	0.017	26.44	0.014
36	5.843		0.0000	0.000	461.7	0.097	BB	0.039	198.27	0.101
37	5.931		0.0000	0.000	4000.8	0.838	BB	0.046	1463.49	0.748
38	5.998		0.0000	0.000	2955.7	0.619	BB	0.028	1786.84	0.913
39	6.069		0.0000	0.000	13695.9	2.867	BB	0.052	4426.93	2.262
40	6.171		0.0000	0.000	25860.9	5.414	BB	0.038	11321.22	5.784
41	6.292		0.0000	0.000	2691.1	0.563	BB	0.034	1303.11	0.666
42	6.371		0.0000	0.000	7844.0	1.642	BB	0.033	3950.08	2.018
43	6.446		0.0000	0.000	53818.5	11.267	BB	0.045	19904.25	10.169
44	6.561		0.0000	0.000	13030.9	2.728	BB	0.035	6129.69	3.132
45	6.665		0.0000	0.000	1306.4	0.273	BB	0.025	861.10	0.440
46	6.712		0.0000	0.000	47010.6	9.842	BB	0.038	20869.52	10.662
47	6.801		0.0000	0.000	15046.4	3.150	BB	0.029	8759.21	4.475
48	6.857		0.0000	0.000	8299.0	1.737	BB	0.028	4858.89	2.482
49	6.986		0.0000	0.000	983.5	0.206	BB	0.045	363.76	0.186
50	7.018		0.0000	0.000	21155.7	4.429	BB	0.034	10424.82	5.326
51	7.098		0.0000	0.000	8310.6	1.740	BB	0.028	4868.10	2.487
52	7.151		0.0000	0.000	3095.5	0.648	BB	0.025	2048.79	1.047
53	7.281		0.0000	0.000	6992.9	1.464	BB	0.035	3294.11	1.683
54	7.366		0.0000	0.000	82514.0	17.274	BB	0.042	32766.08	16.740
55	7.520		0.0000	0.000	1095.0	0.229	BB	0.099	184.09	0.094
56	7.701		0.0000	0.000	40006.8	8.375	BB	0.037	17892.50	9.141
57	7.797		0.0000	0.000	7599.1	1.591	BB	0.038	3355.90	1.714
58	7.916		0.0000	0.000	333.9	0.070	BB	0.052	107.75	0.055
59	8.074		0.0000	0.000	717.7	0.150	BB	0.067	178.26	0.091
60	8.212		0.0000	0.000	14546.7	3.045	BB	0.063	3866.59	1.975
61	8.495		0.0000	0.000	49.5	0.010	BB	0.022	37.84	0.019
62	8.554		0.0000	0.000	20372.3	4.265	BB	0.045	7603.33	3.884

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.652		0.0000	0.000	952.6	0.199	BB	0.035	448.83	0.229
64	8.717		0.0000	0.000	46.9	0.010	BB	0.018	42.92	0.022
65	8.783		0.0000	0.000	373.5	0.078	BB	0.046	136.14	0.070
66	8.836		0.0000	0.000	71.2	0.015	BB	0.028	42.23	0.022
67	8.864		0.0000	0.000	205.2	0.043	BB	0.054	63.46	0.032
68	9.035		0.0000	0.000	5743.9	1.202	BB	0.058	1637.38	0.837
69	9.135		0.0000	0.000	68.8	0.014	BB	0.023	50.60	0.026
70	9.184		0.0000	0.000	43.3	0.009	BB	0.021	34.26	0.018
71	9.232		0.0000	0.000	970.3	0.203	BB	0.047	344.17	0.176
72	9.337		0.0000	0.000	49.1	0.010	BB	0.021	39.13	0.020
73	9.417	DCB	5432.1340	100.000	752.2	0.157	BB	0.050	248.39	0.127
74	9.568		0.0000	0.000	3788.7	0.793	BB	0.089	706.20	0.361
75	9.652		0.0000	0.000	805.5	0.169	BB	0.098	137.54	0.070
76	9.920		0.0000	0.000	32450.9	6.794	BB	0.056	9743.98	4.978

Total Area = 477672.5, Total Amount = 5432.134, Total Height = 195740.2, Sample Units = ug/l

ASX04 0682

Sample Name: **5454415ACF DF5000 ADAMSS6 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 07:50:47pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.21R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.060		0.0000	0.000	478.8	0.064	BB	0.028	281.02	0.089
2	2.142		0.0000	0.000	2080.2	0.280	BB	0.082	424.15	0.134
3	2.294		0.0000	0.000	589.4	0.079	BB	0.048	206.49	0.065
4	2.442		0.0000	0.000	385.7	0.052	BB	0.153	41.94	0.013
5	2.493		0.0000	0.000	487.1	0.066	BB	0.038	214.11	0.068
6	2.576		0.0000	0.000	929.0	0.125	BB	0.042	370.12	0.117
7	2.692		0.0000	0.000	927.7	0.125	BB	0.063	246.67	0.078
8	2.827		0.0000	0.000	955.8	0.129	BB	0.065	245.95	0.078
9	2.975		0.0000	0.000	3300.9	0.444	BB	0.112	491.14	0.156
10	3.110		0.0000	0.000	303.7	0.041	BB	0.131	38.59	0.012
11	3.175		0.0000	0.000	408.1	0.055	BB	0.028	243.21	0.077
12	3.226		0.0000	0.000	468.7	0.063	BB	0.043	180.59	0.057
13	3.368		0.0000	0.000	3847.2	0.518	BB	0.041	1582.56	0.501
14	3.451		0.0000	0.000	113.3	0.015	BB	0.022	86.84	0.028
15	3.487		0.0000	0.000	37.4	0.005	BB	0.014	43.59	0.014
16	3.535		0.0000	0.000	545.1	0.073	BB	0.034	263.81	0.084
17	3.626		0.0000	0.000	206.6	0.028	BB	0.081	42.73	0.014
18	3.693		0.0000	0.000	964.0	0.130	BB	0.051	313.79	0.099
19	3.776		0.0000	0.000	56.2	0.008	BB	0.021	44.02	0.014
20	3.833		0.0000	0.000	563.3	0.076	BB	0.039	242.81	0.077
21	3.910		0.0000	0.000	189.2	0.025	BB	0.081	38.99	0.012
22	3.974		0.0000	0.000	716.7	0.096	BB	0.039	305.26	0.097
23	4.021		0.0000	0.000	529.6	0.071	BB	0.033	269.56	0.085
24	4.111		0.0000	0.000	419.1	0.056	BB	0.028	245.93	0.078
25	4.159		0.0000	0.000	418.3	0.056	BB	0.036	194.24	0.062
26	4.250		0.0000	0.000	1596.1	0.215	BB	0.052	506.84	0.161
27	4.374		0.0000	0.000	824.4	0.111	BB	0.051	266.84	0.085
28	4.443		0.0000	0.000	52.4	0.007	BB	0.015	57.06	0.018
29	4.509		0.0000	0.000	4465.8	0.601	BB	0.110	673.83	0.213
30	4.693		0.0000	0.000	1170.1	0.157	BB	0.209	93.39	0.030
31	4.717		0.0000	0.000	199.3	0.027	BB	0.020	168.82	0.053
32	4.761		0.0000	0.000	158.1	0.021	BB	0.021	126.61	0.040
33	4.842		0.0000	0.000	228.0	0.031	BB	0.024	159.09	0.050
34	4.899		0.0000	0.000	5691.4	0.766	BB	0.042	2271.92	0.720
35	5.009		0.0000	0.000	716.4	0.096	BB	0.041	293.47	0.093
36	5.051		0.0000	0.000	12374.9	1.666	BB	0.041	5077.80	1.608
37	5.269		0.0000	0.000	1057.8	0.142	BB	0.054	324.84	0.103
38	5.294		0.0000	0.000	139.5	0.019	BB	0.020	113.95	0.036
39	5.350		0.0000	0.000	1929.4	0.260	BB	0.023	1410.89	0.447
40	5.460		0.0000	0.000	13396.2	1.803	BB	0.039	5689.16	1.802
41	5.496		0.0000	0.000	1589.0	0.214	BB	0.023	1173.07	0.372
42	5.575		0.0000	0.000	40069.7	5.394	BB	0.037	18234.96	5.776
43	5.668		0.0000	0.000	904.1	0.122	BB	0.018	858.55	0.272
44	5.707		0.0000	0.000	5622.0	0.757	BB	0.026	3545.41	1.123
45	5.767		0.0000	0.000	67490.3	9.085	BB	0.039	29084.97	9.213
46	5.911		0.0000	0.000	63561.9	8.556	BB	0.043	24424.00	7.737
47	6.037		0.0000	0.000	5586.8	0.752	BB	0.024	3925.19	1.243
48	6.087		0.0000	0.000	34864.9	4.693	BB	0.027	21482.72	6.805
49	6.126		0.0000	0.000	11748.5	1.581	BB	0.022	8881.27	2.813
50	6.179		0.0000	0.000	10015.7	1.348	BB	0.025	6562.19	2.079
51	6.318		0.0000	0.000	5409.3	0.728	BB	0.038	2388.80	0.757
52	6.383		0.0000	0.000	46953.6	6.320	BB	0.040	19738.71	6.253
53	6.480		0.0000	0.000	13451.0	1.811	BB	0.027	8338.85	2.641
54	6.524		0.0000	0.000	2992.0	0.403	BB	0.020	2500.43	0.792
55	6.561		0.0000	0.000	2657.9	0.358	BB	0.020	2213.06	0.701
56	6.635		0.0000	0.000	130932.6	17.624	BB	0.040	54038.11	17.117
57	6.826		0.0000	0.000	298.2	0.040	BB	0.063	79.43	0.025
58	6.853		0.0000	0.000	111.9	0.015	BB	0.020	92.78	0.029
59	6.919		0.0000	0.000	12785.0	1.721	BB	0.029	7380.10	2.338
60	6.978		0.0000	0.000	92467.5	12.447	BB	0.039	39348.36	12.464
61	7.201		0.0000	0.000	211.0	0.028	BB	0.025	140.19	0.044
62	7.259		0.0000	0.000	4260.6	0.574	BB	0.053	1343.27	0.426

aSX84 0683

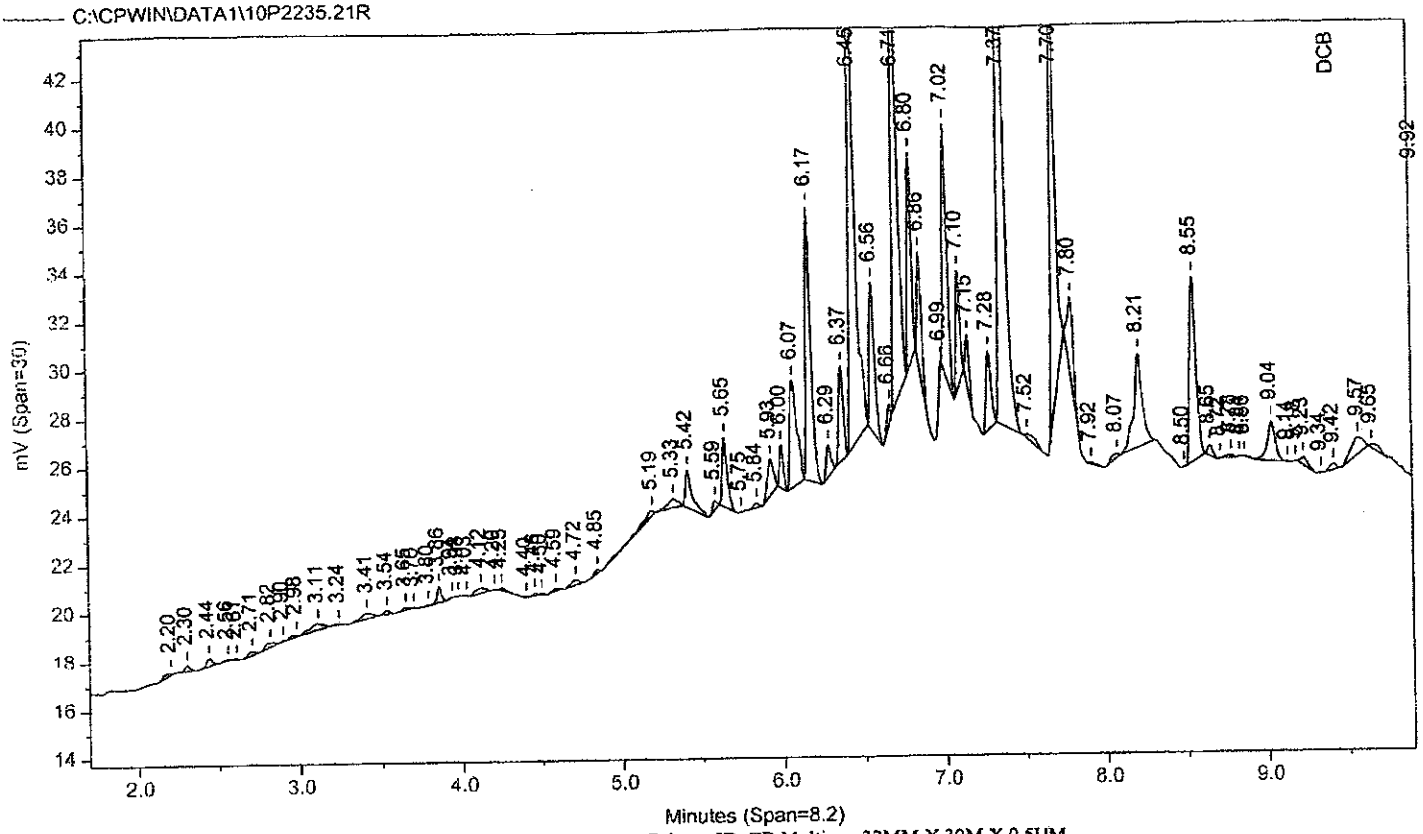
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.374		0.0000	0.000	13373.8	1.800	BB	0.038	5800.34	1.837
64	7.492		0.0000	0.000	39.0	0.005	BB	0.011	61.40	0.019
65	7.544		0.0000	0.000	40706.5	5.479	BB	0.046	14909.95	4.723
66	7.693		0.0000	0.000	473.2	0.064	BB	0.051	154.74	0.049
67	7.903		0.0000	0.000	8111.5	1.092	BB	0.051	2674.83	0.847
68	8.044		0.0000	0.000	68.0	0.009	BB	0.015	75.87	0.024
69	8.091		0.0000	0.000	2797.4	0.377	BB	0.060	773.85	0.245
70	8.209	DCB	2606.2160	100.000	2710.2	0.365	BB	0.188	239.73	0.076
71	8.409		0.0000	0.000	165.6	0.022	BB	0.024	113.50	0.036
72	8.460		0.0000	0.000	57.3	0.008	BB	0.017	57.56	0.018
73	8.494		0.0000	0.000	228.8	0.031	BB	0.021	179.55	0.057
74	8.561		0.0000	0.000	96.0	0.013	BB	0.040	40.05	0.013
75	8.593		0.0000	0.000	1137.1	0.153	BB	0.057	335.08	0.106
76	8.693		0.0000	0.000	112.3	0.015	BB	0.024	76.56	0.024
77	8.709		0.0000	0.000	2096.5	0.282	BB	0.451	77.54	0.025
78	8.977		0.0000	0.000	33.6	0.005	BB	0.011	50.71	0.016
79	9.011		0.0000	0.000	87.4	0.012	BB	0.020	71.87	0.023
80	9.027		0.0000	0.000	29.9	0.004	BB	0.011	46.38	0.015
81	9.076		0.0000	0.000	270.7	0.036	BB	0.032	139.42	0.044
82	9.110		0.0000	0.000	391.4	0.053	BB	0.044	148.24	0.047
83	9.192		0.0000	0.000	263.3	0.035	BB	0.048	91.90	0.029
84	9.277		0.0000	0.000	1256.1	0.169	BB	0.146	143.22	0.045
85	9.559		0.0000	0.000	3543.8	0.477	BB	0.103	575.58	0.182
86	9.677		0.0000	0.000	8570.3	1.154	BB	0.242	589.77	0.187
87	9.943		0.0000	0.000	38389.4	5.167	BB	0.074	8595.51	2.723

Total Area = 742913.4, Total Amount = 2606.216, Total Height = 315690.2, Sample Units = ug/l

ASX04 8684

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.21R

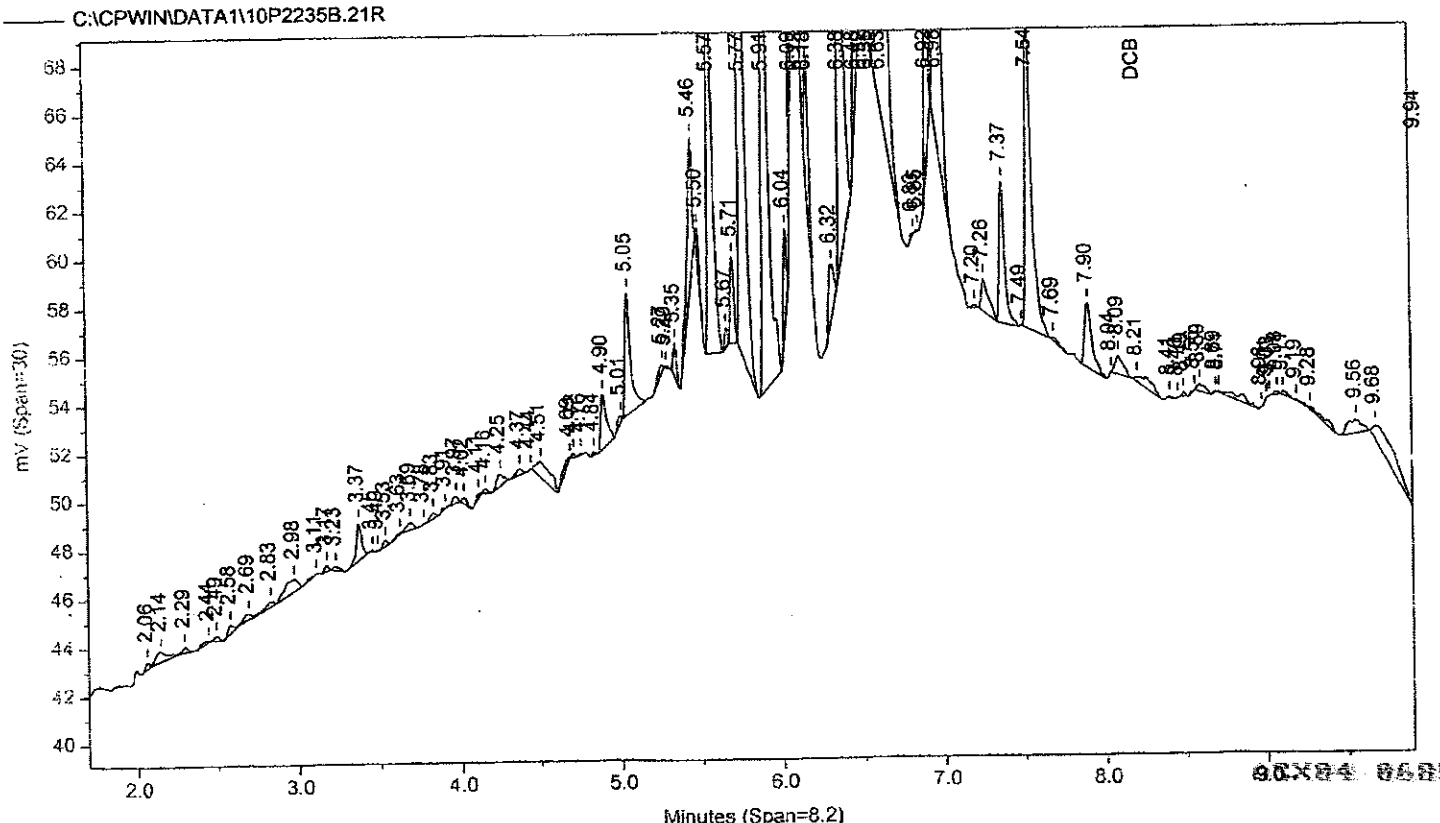
C:\CPWIN\DATA1\10P2235.21R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 7:40:47 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.21R

C:\CPWIN\DATA1\10P2235B.21R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 7:40:47 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

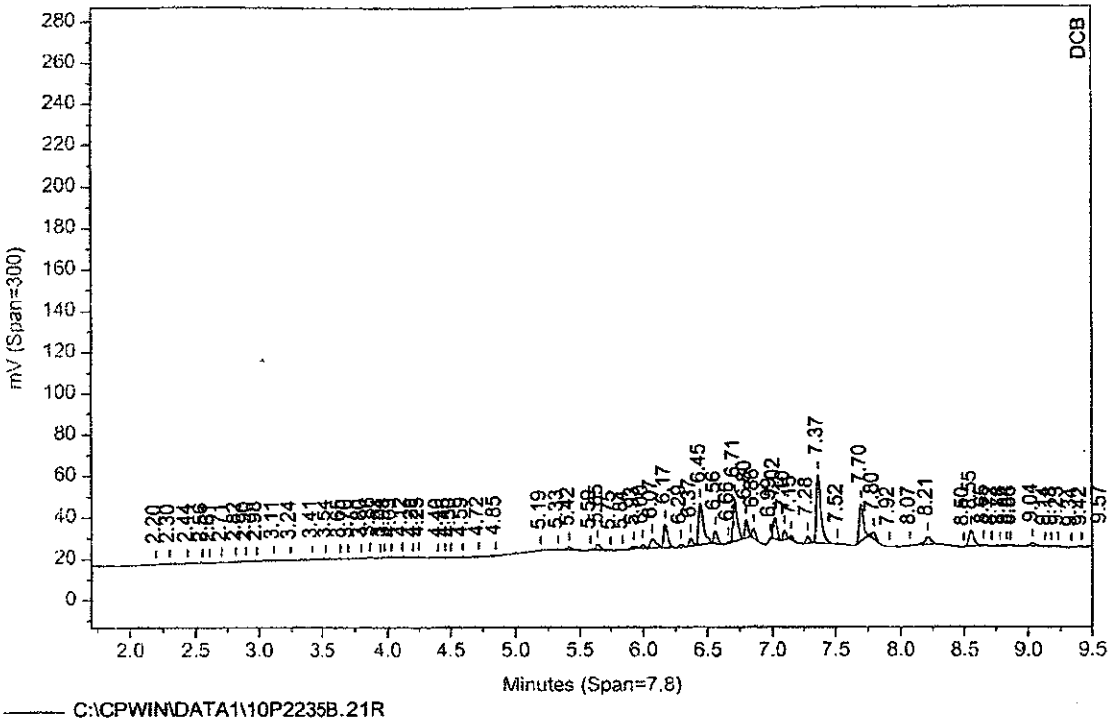
Dilution Factor: 50000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.417	248	181.0711	DCB	8.209	240	86.87386	DCB

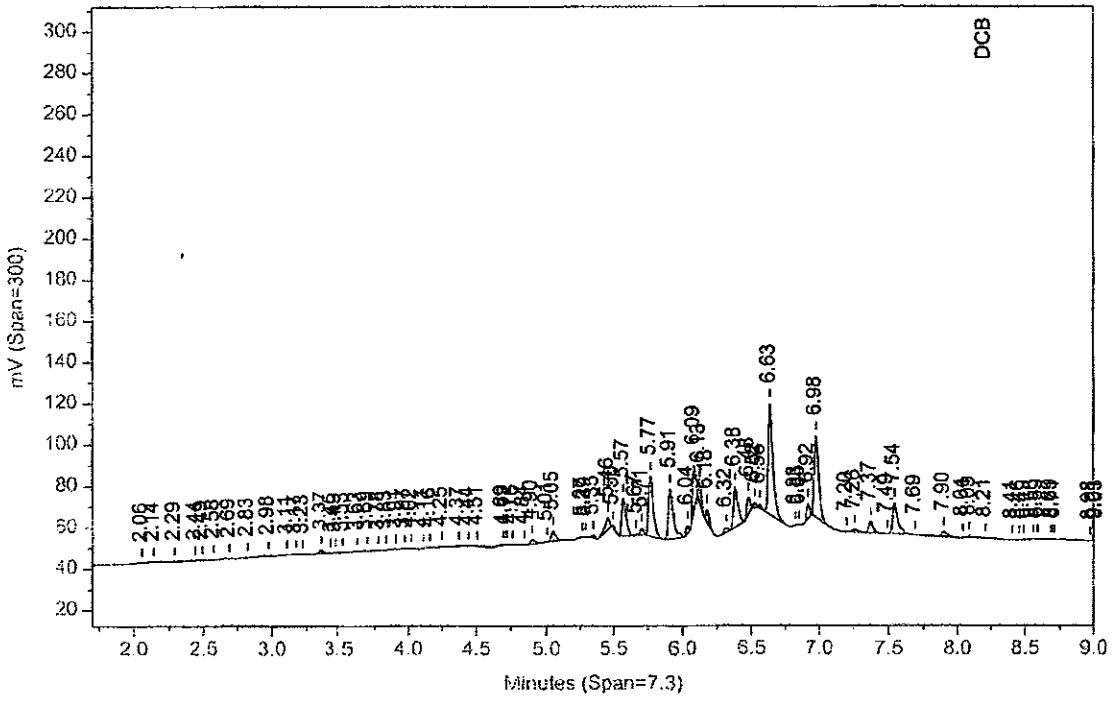
Files:
Area File: C:\CPWIN\DATA1\10P2235.21A
Area File: C:\CPWIN\DATA1\10P2235B.21A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 7:50:50 PM
File Reported On: 9/8/2008 at 7:50:57 PM

10X REPLOTS

C:\CPWIN\DATA1\10P2235.21R



C:\CPWIN\DATA1\10P2235B.21R



Multiple Component Data Summary

Sample Name: 5454416 ACF DF1000 AMSS7 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 19:55:14
Instrument H2601A
Result file 10P2235.22R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 60.3% Conc: 6.016414
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**27.56**	
6.03	6.07	6.09	6944.976074	32950.24602			1
6.14	6.17	6.20	18514.58398	43137.146319			2
6.41	6.44	6.47	34021.19531	67782.70154			3
6.68	6.71	6.74	37176.4375	68282.229711			4
6.77	6.80	6.83	15844.77636	52530.888622			5
6.98	7.01	7.04	22818.62695	69412.256816			6

Height summation: **135320.596191**
Concentration CF: **55682.578171** L:

Analysis Report (B)

Injected on Sep 08, 2008 19:55:14
Instrument H2601B
Result file 10P2235B.22R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 244.5% Conc: 24.48998

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.43**	
5.43	5.46	5.49	9487.152344	35110.527156			1
5.54	5.57	5.60	29486.20312	40877.980671			2
5.74	5.76	5.80	48260.91796	57393.088045			3
6.06	6.08	6.12	39491.08984	69893.711402			4
6.35	6.38	6.41	35500.50781	55551.134186			5
7.51	7.54	7.57	28401.75	61595.961462			6

Height summation: **190627.621095**
Concentration CF: **53403.73382** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17000	<3300			4	15	
Aroclor-1221			<17000	<5200			3	5	
Aroclor-1232			<17000	<3300			4	10	
Aroclor-1242			<17000	<3300			4	30	
Aroclor-1248			<17000	<3300			4	30	
Aroclor-1254			<17000	<3300			4	40	
Aroclor-1260	A	55682.578171	17000	3300		4.18	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James L Brillhart Date: 9-9-08
Verified By: A Carey 1151 Date: 9.1008

ASX04: 8688

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454416** ACF DF1000 AMSS7 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:55:14
Instrument : CP02--H2601A
Result file : 10P2235.22R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

diluted out

%SSR(TCX) : 60.3% Conc.: 6.016414
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	155.24	
4.55	4.57	4.61	193.023056	346.454411			3
4.71	4.76	4.77	54.558258	238.149992			4
5.38	5.41	5.44	1524.168823	7866.158122			6
Height Summation:			1771.750137				
Amount Avg CF:			2816.920842	Linear:			
Aroclor-1232					3	169.55	
4.55	4.57	4.61	193.023056	710.204963			3
4.70	4.76	4.76	54.558258	512.64513			4
5.38	5.41	5.44	1524.168823	85675.594323			6
Height Summation:			1771.750137				
Amount Avg CF:			28966.148139	Linear:			
Aroclor-1242					4	190.92	
3.73	3.79	3.79	64.424683	380.322223			1
4.55	4.57	4.61	193.023056	437.54518			3
4.71	4.76	4.77	54.558258	304.44607			4
5.38	5.41	5.44	1524.168823	31843.075797			6
Height Summation:			1836.174820				
Amount Avg CF:			8241.347318	Linear:			
Aroclor-1248					4	68.25	
4.55	4.57	4.61	193.023056	693.500328			1
5.62	5.64	5.68	3114.57666	10026.638299			4
5.96	5.99	6.02	2780.460449	16951.629093			5
6.26	6.29	6.32	1805.111572	15559.160564			6
Height Summation:			7893.171737				
Amount Avg CF:			10807.732071	Linear:			
Aroclor-1254					5	120.73	
5.61	5.64	5.67	3114.57666	8119.173499			2
5.96	5.99	6.02	2780.460449	5063.578266			3
6.26	6.29	6.32	1805.111572	4355.672018			4
6.52	6.56	6.58	10725.11328	38093.774014			5
6.68	6.71	6.74	37176.4375	80177.030724			6
Height Summation:			55601.699462				
Amount Avg CF:			27161.845704	Linear:			
Aroclor-1260					6	27.56	
6.03	6.07	6.09	6944.976074	32950.24602			1
6.14	6.17	6.20	18514.58398	43137.146319			2
6.41	6.44	6.47	34021.19531	67782.70154			3
6.68	6.71	6.74	37176.4375	68282.229711			4
6.77	6.80	6.83	15844.77636	52530.888622			5
6.98	7.01	7.04	22818.62695	69412.256816			6
Height Summation:			135320.596191				
Amount Avg CF:			55682.578171	Linear:			
Aroclor-1262					6	48.98	
6.03	6.07	6.09	6944.976074	27932.864663			1
6.13	6.17	6.19	18514.58398	47284.445466			2
6.40	6.44	6.46	34021.19531	79085.916351			3
6.67	6.71	6.73	37176.4375	95763.680346			4
6.76	6.80	6.82	15844.77636	29918.339185			5
6.98	7.01	7.04	22818.62695	51958.599468			6
Height Summation:			135320.596191				
Amount Avg CF:			55323.974247	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 19:55:14
Instrument : CP02--H2601B
Result file : 10P2235B.22R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *244.5% Conc.: 24.489988

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	94.13	
+ 3.32	3.34	3.38	52.526634	139.514084			1
3.32	3.37	3.38	506.811646	1346.123996			1
+ 4.08	4.12	4.14	59.549347	62.440217			4
4.08	4.13	4.14	61.708904	64.704611			4
+ 4.35	4.35	4.41	55.64106	218.703511			5
4.35	4.38	4.41	161.630768	635.308105			5
Height Summation:			730.151318				
Amount Avg CF:			682.045571	Linear:			
Aroclor-1221					2	13.49	
3.14	3.17	3.20	246.46962	1173.832548			1
+ 3.32	3.34	3.38	52.526634	100.464069			3
3.32	3.37	3.38	506.811646	969.343673			3
Height Summation:			753.281266				
Amount Avg CF:			1071.588111	Linear:			
Aroclor-1232					4	58.73	
+ 3.32	3.34	3.38	52.526634	121.227432			1
3.32	3.37	3.38	506.811646	1169.682305			1
3.83	3.83	3.89	240.392639	1150.975002			3
+ 4.07	4.12	4.13	59.549347	120.535477			4
4.07	4.13	4.13	61.708904	124.906696			4
+ 4.34	4.35	4.40	55.64106	467.297052			5
4.34	4.38	4.40	161.630768	1357.443252			5
Height Summation:			970.543957				
Amount Avg CF:			950.751814	Linear:			
Aroclor-1242					3	93.49	
+ 3.32	3.34	3.38	52.526634	167.005704			1
3.32	3.37	3.38	506.811646	1611.381298			1
+ 4.08	4.12	4.14	59.549347	79.084374			4
4.08	4.13	4.14	61.708904	81.952368			4
+ 4.35	4.35	4.41	55.64106	263.377166			5
4.35	4.38	4.41	161.630768	765.079845			5
Height Summation:			730.151318				
Amount Avg CF:			819.47117	Linear:			
Aroclor-1248					4	97.63	
4.14	4.17	4.20	141.838867	1323.966059			1
4.35	4.38	4.41	161.630768	570.469051			2
4.52	4.55	4.58	746.948486	1511.911702			3
4.87	4.90	4.93	2186.620117	5313.223933			5
Height Summation:			3237.038238				
Amount Avg CF:			2179.892686	Linear:			
Aroclor-1254					6	152.40	
5.24	5.27	5.30	968.239136	3403.658491			1
5.32	5.35	5.38	2813.263428	5509.461811			2
5.41	5.46	5.47	9487.152344	10212.866593			3
5.64	5.67	5.70	738.240173	1128.827281			4
5.94	5.98	6.00	1505.582397	3966.670716			5
6.05	6.08	6.11	39491.08984	51139.303872			6
Height Summation:			55003.567322				
Amount Avg CF:			12560.131461	Linear:			

ASX04 0689

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:31:33

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454416** ACF DF1000 AMSS7 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 19:55:14
Instrument : CP02--H2601A
Result file : 10P2235.22R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					5	71.86	
6.76	6.80	6.82	15844.77636	66960.189997			1
7.00	7.01	7.06	22818.62695	79502.978764			2
7.66	7.70	7.72	34312.32031	30593.873608			3
8.01	8.03	8.07	251.648575	271.970423			4
8.51	8.55	8.57	14726.64160	39812.881666			6

Height Summation: **87954.013810**
Amount Avg CF: **43428.378892** Linear:

Analysis Report (B)

Injected on : SEP 08, 2008 19:55:14
Instrument : CP02--H2601B
Result file : 10P2235B.22R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	24.43	
5.43	5.46	5.49	9487.152344	35110.527156			1
5.54	5.57	5.60	29486.20312	40877.980671			2
5.74	5.76	5.80	48260.91796	57393.088045			3
6.06	6.08	6.12	39491.08984	69893.711402			4
6.35	6.38	6.41	35500.50781	55551.134186			5
7.51	7.54	7.57	28401.75	61595.961462			6

Height Summation: **190627.621095**
Amount Avg CF: **53403.73382** Linear:

Aroclor-1262					6	82.73	
6.05	6.08	6.11	39491.08984	128310.726134			1
6.14	6.18	6.20	11849.14355	46821.086877			2
6.44	6.48	6.50	15800.99707	42846.160789			3
6.88	6.92	6.94	14456.01074	21202.406129			4
7.34	7.37	7.40	11409.14843	39594.517018			5
7.86	7.90	7.92	5289.354492	16185.901392			6

Height Summation: **98295.744141**
Amount Avg CF: **49160.133057** Linear:

Aroclor-1268					6	160.08	
6.10	6.12	6.16	14192.05664	34851.439067			1
6.35	6.38	6.41	35500.50781	68520.332902			2
E 6.60	6.63	6.66	99448.09375	440656.631954			3
6.94	6.97	7.00	73290.65625	43261.039966			4
7.16	7.19	7.22	832.968689	484.227309			5
7.51	7.54	7.57	28401.75	35864.925355			6

Height Summation: **251666.033143**
Amount Avg CF: **103939.766092** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17000	3300		** 122.03	4	15	
Aroclor-1221			17000	5200			3	5	
Aroclor-1232			17000	3300		** 187.29	4	10	
Aroclor-1242			17000	3300		** 163.82	4	30	
Aroclor-1248			17000	3300		** 132.86	4	30	
Aroclor-1254			17000	3300		** 73.52	4	40	
Aroclor-1260			17000	3300		4.18	4	40	
Aroclor-1262			0	0		11.80	4	40	
Aroclor-1268			0	0		** 82.12	4	40	

Units: _____

ASX04 8698

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:31:33

Sample Name: **5454416ACF DF1000 ADAMSS7 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 08:05:14pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.22R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.249		0.0000	0.000	1001.3	0.123	BB	0.146	114.51	0.034
2	2.304		0.0000	0.000	950.7	0.117	BB	0.035	457.92	0.137
3	2.439		0.0000	0.000	904.6	0.111	BB	0.040	375.66	0.113
4	2.540		0.0000	0.000	422.8	0.052	BB	0.043	164.27	0.049
5	2.716		0.0000	0.000	312.2	0.038	BB	0.053	98.82	0.030
6	2.806		0.0000	0.000	930.9	0.115	BB	0.055	280.59	0.084
7	2.877		0.0000	0.000	113.3	0.014	BB	0.033	57.81	0.017
8	2.970		0.0000	0.000	588.1	0.072	BB	0.070	140.16	0.042
9	3.032		0.0000	0.000	4297.1	0.529	BB	0.082	869.87	0.261
10	3.237		0.0000	0.000	386.6	0.048	BB	0.074	87.01	0.026
11	3.350	TCX	180.4924	100.000	125.4	0.015	BB	0.036	57.55	0.017
12	3.393		0.0000	0.000	326.0	0.040	BB	0.041	132.79	0.040
13	3.498		0.0000	0.000	65.8	0.008	BB	0.032	34.42	0.010
14	3.543		0.0000	0.000	228.6	0.028	BB	0.040	94.70	0.028
15	3.632		0.0000	0.000	410.0	0.050	BB	0.053	129.45	0.039
16	3.789		0.0000	0.000	540.0	0.066	BB	0.140	64.42	0.019
17	3.863		0.0000	0.000	424.5	0.052	BB	0.037	188.87	0.057
18	3.917		0.0000	0.000	186.5	0.023	BB	0.035	89.99	0.027
19	4.082		0.0000	0.000	971.6	0.120	BB	0.074	218.68	0.066
20	4.166		0.0000	0.000	66.7	0.008	BB	0.029	38.79	0.012
21	4.249		0.0000	0.000	434.9	0.054	BB	0.063	115.59	0.035
22	4.388		0.0000	0.000	26.5	0.003	BB	0.023	18.99	0.006
23	4.440		0.0000	0.000	184.5	0.023	BB	0.044	69.89	0.021
24	4.567		0.0000	0.000	544.1	0.067	BB	0.047	193.02	0.058
25	4.755		0.0000	0.000	656.6	0.081	BB	0.201	54.56	0.016
26	5.324		0.0000	0.000	4447.5	0.547	BB	0.534	138.84	0.042
27	5.415		0.0000	0.000	8774.5	1.080	BB	0.096	1524.17	0.457
28	5.591		0.0000	0.000	1313.2	0.162	BB	0.047	461.82	0.139
29	5.643		0.0000	0.000	6915.1	0.851	BB	0.037	3114.58	0.934
30	5.774		0.0000	0.000	99.2	0.012	BB	0.037	45.27	0.014
31	5.835		0.0000	0.000	229.9	0.028	BB	0.035	109.50	0.033
32	5.931		0.0000	0.000	5093.4	0.627	BB	0.041	2072.84	0.622
33	5.995		0.0000	0.000	4910.3	0.604	BB	0.029	2780.46	0.834
34	6.069		0.0000	0.000	20578.0	2.533	BB	0.049	6944.98	2.083
35	6.168		0.0000	0.000	42697.7	5.256	BB	0.038	18514.58	5.554
36	6.289		0.0000	0.000	3785.9	0.466	BB	0.035	1805.11	0.541
37	6.368		0.0000	0.000	10974.3	1.351	BB	0.031	5986.71	1.796
38	6.441		0.0000	0.000	95003.5	11.694	BB	0.047	34021.20	10.205
39	6.560		0.0000	0.000	23521.7	2.895	BB	0.037	10725.11	3.217
40	6.662		0.0000	0.000	2508.5	0.309	BB	0.027	1534.72	0.460
41	6.709		0.0000	0.000	83778.5	10.313	BB	0.038	37176.44	11.151
42	6.798		0.0000	0.000	26862.4	3.307	BB	0.028	15844.78	4.753
43	6.853		0.0000	0.000	14070.0	1.732	BB	0.028	8247.28	2.474
44	7.013		0.0000	0.000	58657.7	7.220	BB	0.043	22818.63	6.845
45	7.094		0.0000	0.000	15206.0	1.872	BB	0.028	8989.15	2.696
46	7.149		0.0000	0.000	5543.2	0.682	BB	0.024	3821.17	1.146
47	7.278		0.0000	0.000	11948.7	1.471	BB	0.034	5793.37	1.738
48	7.363		0.0000	0.000	154127.5	18.972	BB	0.043	60425.66	18.125
49	7.700		0.0000	0.000	73734.3	9.076	BB	0.036	34312.32	10.292
50	7.795		0.0000	0.000	13114.6	1.614	BB	0.036	6067.62	1.820
51	8.007		0.0000	0.000	78.9	0.010	BB	0.023	57.86	0.017
52	8.035		0.0000	0.000	569.6	0.070	BB	0.038	251.65	0.075
53	8.209		0.0000	0.000	21450.0	2.640	BB	0.054	6632.88	1.990
54	8.552		0.0000	0.000	40320.5	4.963	BB	0.046	14726.64	4.417
55	8.653		0.0000	0.000	875.0	0.108	BB	0.030	480.49	0.144
56	8.748		0.0000	0.000	209.3	0.026	BB	0.028	124.60	0.037
57	8.790		0.0000	0.000	30.8	0.004	BB	0.015	34.24	0.010
58	8.826		0.0000	0.000	147.2	0.018	BB	0.029	84.74	0.025
59	9.035		0.0000	0.000	8383.1	1.032	BB	0.054	2597.48	0.779
60	9.214		0.0000	0.000	1834.8	0.226	BB	0.067	459.35	0.138
61	9.506		0.0000	0.000	188.3	0.023	BB	0.051	61.02	0.018
62	9.581		0.0000	0.000	768.3	0.095	BB	0.061	209.41	0.063

ASX84 8691

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.742		0.0000	0.000	172.4	0.021	BB	0.052	55.68	0.017
64	9.855		0.0000	0.000	1016.6	0.125	BB	0.052	328.90	0.099
65	9.920		0.0000	0.000	33342.5	4.104	BB	0.056	9853.84	2.956

Total Area = 812381.9, Total Amount = 180.492, Total Height = 333383.5, Sample Units = ug/l

ASX84 8692

Sample Name: **5454416ACF DF1000 ADAMSS7 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 08:05:14pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.22R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.061		0.0000	0.000	1070.2	0.086	BB	0.029	607.19	0.111
2	2.101		0.0000	0.000	19.6	0.002	BB	0.006	57.09	0.010
3	2.117		0.0000	0.000	27.6	0.002	BB	0.009	50.97	0.009
4	2.133		0.0000	0.000	224.5	0.018	BB	0.025	147.96	0.027
5	2.500		0.0000	0.000	1718.8	0.138	BB	0.123	232.07	0.042
6	2.582		0.0000	0.000	835.4	0.067	BB	0.044	313.04	0.057
7	2.650		0.0000	0.000	2282.2	0.183	BB	0.076	497.69	0.091
8	2.800		0.0000	0.000	84.7	0.007	BB	0.028	50.34	0.009
9	2.817		0.0000	0.000	29.6	0.002	BB	0.009	57.06	0.010
10	2.850		0.0000	0.000	45.8	0.004	BB	0.018	43.29	0.008
11	2.891		0.0000	0.000	10664.1	0.857	BB	0.101	1764.43	0.323
12	3.083		0.0000	0.000	46.0	0.004	BB	0.014	55.42	0.010
13	3.167		0.0000	0.000	1174.1	0.094	BB	0.079	246.47	0.045
14	3.300		0.0000	0.000	49.8	0.004	BB	0.014	60.52	0.011
15	3.341		0.0000	0.000	130.6	0.010	BB	0.041	52.53	0.010
16	3.367		0.0000	0.000	1105.7	0.089	BB	0.036	506.81	0.093
17	3.468		0.0000	0.000	30.9	0.002	BB	0.008	62.61	0.011
18	3.484		0.0000	0.000	46.0	0.004	BB	0.011	71.06	0.013
19	3.500		0.0000	0.000	41.4	0.003	BB	0.010	68.71	0.013
20	3.533		0.0000	0.000	26.4	0.002	BB	0.008	56.34	0.010
21	3.583		0.0000	0.000	74.7	0.006	BB	0.023	53.95	0.010
22	3.616		0.0000	0.000	646.1	0.052	BB	0.036	302.70	0.055
23	3.733		0.0000	0.000	491.3	0.039	BB	0.043	188.40	0.034
24	3.800		0.0000	0.000	54.4	0.004	BB	0.010	93.18	0.017
25	3.833		0.0000	0.000	285.0	0.023	BB	0.020	240.39	0.044
26	3.900		0.0000	0.000	1318.5	0.106	BB	0.047	467.11	0.086
27	3.983		0.0000	0.000	52.5	0.004	BB	0.009	93.10	0.017
28	4.050		0.0000	0.000	894.2	0.072	BB	0.057	260.36	0.048
29	4.117		0.0000	0.000	21.0	0.002	BB	0.006	59.55	0.011
30	4.134		0.0000	0.000	33.4	0.003	BB	0.009	61.71	0.011
31	4.167		0.0000	0.000	253.8	0.020	BB	0.030	141.84	0.026
32	4.233		0.0000	0.000	809.6	0.065	BB	0.045	297.36	0.054
33	4.283		0.0000	0.000	120.5	0.010	BB	0.015	130.18	0.024
34	4.350		0.0000	0.000	140.7	0.011	BB	0.042	55.64	0.010
35	4.384		0.0000	0.000	245.5	0.020	BB	0.025	161.63	0.030
36	4.434		0.0000	0.000	87.4	0.007	BB	0.014	104.92	0.019
37	4.483		0.0000	0.000	310.7	0.025	BB	0.031	168.65	0.031
38	4.550		0.0000	0.000	6474.8	0.520	BB	0.144	746.95	0.137
39	4.734		0.0000	0.000	8677.1	0.697	BB	0.727	198.97	0.036
40	4.751		0.0000	0.000	260.8	0.021	BB	0.029	151.99	0.028
41	4.850		0.0000	0.000	167.1	0.013	BB	0.026	105.65	0.019
42	4.899		0.0000	0.000	5039.8	0.405	BB	0.038	2186.62	0.400
43	5.000		0.0000	0.000	1032.5	0.083	BB	0.029	587.80	0.108
44	5.049		0.0000	0.000	16171.3	1.299	BB	0.044	6147.78	1.125
45	5.167		0.0000	0.000	46.2	0.004	BB	0.009	87.95	0.016
46	5.266		0.0000	0.000	4218.6	0.339	BB	0.073	968.24	0.177
47	5.345		0.0000	0.000	3883.1	0.312	BB	0.023	2813.26	0.515
48	5.456		0.0000	0.000	22104.5	1.776	BB	0.039	9487.15	1.737
49	5.492		0.0000	0.000	3123.6	0.251	BB	0.023	2254.70	0.413
50	5.572		0.0000	0.000	66421.3	5.337	BB	0.038	29486.20	5.398
51	5.665		0.0000	0.000	700.8	0.056	BB	0.016	738.24	0.135
52	5.705		0.0000	0.000	10775.3	0.866	BB	0.027	6599.04	1.208
53	5.764		0.0000	0.000	113437.3	9.115	BB	0.039	48260.92	8.835
54	5.908		0.0000	0.000	86037.4	6.913	BB	0.038	38068.54	6.969
55	5.977		0.0000	0.000	1812.6	0.146	BB	0.020	1505.58	0.276
56	6.034		0.0000	0.000	10819.2	0.869	BB	0.023	7712.65	1.412
57	6.084		0.0000	0.000	64161.7	5.155	BB	0.027	39491.09	7.229
58	6.124		0.0000	0.000	18526.9	1.489	BB	0.022	14192.06	2.598
59	6.175		0.0000	0.000	17609.1	1.415	BB	0.025	11849.14	2.169
60	6.312		0.0000	0.000	9437.0	0.758	BB	0.035	4442.10	0.813
61	6.379		0.0000	0.000	87276.8	7.013	BB	0.041	35500.51	6.499
62	6.477		0.0000	0.000	25734.4	2.068	BB	0.027	15801.00	2.893

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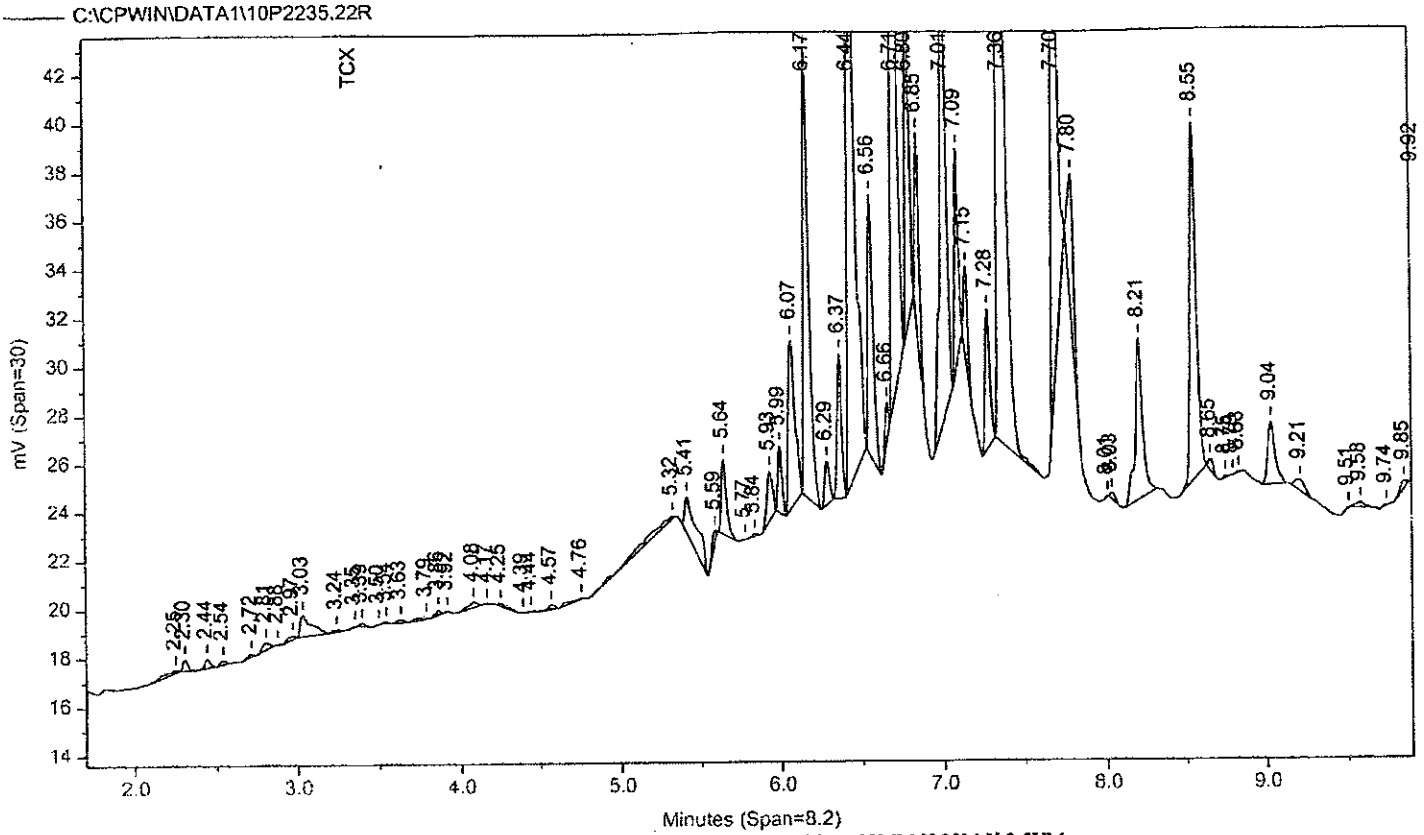
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.521		0.0000	0.000	5016.1	0.403	BB	0.019	4394.48	0.804
64	6.557		0.0000	0.000	4758.3	0.382	BB	0.020	3948.67	0.723
65	6.631		0.0000	0.000	245408.5	19.719	BB	0.041	99448.09	18.205
66	6.807		0.0000	0.000	1326.8	0.107	BB	0.032	686.09	0.126
67	6.915		0.0000	0.000	24743.3	1.988	BB	0.029	14456.01	2.646
68	6.974		0.0000	0.000	175043.5	14.065	BB	0.040	73290.66	13.417
69	7.192		0.0000	0.000	1394.7	0.112	BB	0.028	832.97	0.152
70	7.255		0.0000	0.000	5703.7	0.458	BB	0.050	1911.20	0.350
71	7.371		0.0000	0.000	29034.5	2.333	BB	0.042	11409.15	2.089
72	7.542		0.0000	0.000	74622.0	5.996	BB	0.044	28401.75	5.199
73	7.683		0.0000	0.000	103.4	0.008	BB	0.013	132.66	0.024
74	7.751		0.0000	0.000	266.8	0.021	BB	0.023	191.14	0.035
75	7.784		0.0000	0.000	43.4	0.003	BB	0.011	66.45	0.012
76	7.817		0.0000	0.000	277.8	0.022	BB	0.023	203.33	0.037
77	7.851		0.0000	0.000	35.8	0.003	BB	0.009	68.02	0.012
78	7.897		0.0000	0.000	12943.5	1.040	BB	0.041	5289.35	0.968
79	8.108		0.0000	0.000	250.9	0.020	BB	0.027	154.50	0.028
80	8.217	DCB	734.6996	100.000	482.7	0.039	BB	0.024	337.91	0.062
81	8.250		0.0000	0.000	165.4	0.013	BB	0.030	90.45	0.017
82	8.316		0.0000	0.000	282.9	0.023	BB	0.027	175.85	0.032
83	8.366		0.0000	0.000	337.1	0.027	BB	0.031	178.80	0.033
84	8.483		0.0000	0.000	146.4	0.012	BB	0.027	91.15	0.017
85	8.500		0.0000	0.000	135.8	0.011	BB	0.018	124.43	0.023
86	8.591		0.0000	0.000	1999.7	0.161	BB	0.051	657.22	0.120
87	8.717		0.0000	0.000	94.8	0.008	BB	0.030	52.94	0.010
88	8.833		0.0000	0.000	521.2	0.042	BB	0.081	107.00	0.020
89	8.867		0.0000	0.000	382.6	0.031	BB	0.073	87.81	0.016
90	8.983		0.0000	0.000	73.9	0.006	BB	0.021	57.85	0.011
91	9.033		0.0000	0.000	96.2	0.008	BB	0.023	70.73	0.013
92	9.067		0.0000	0.000	92.1	0.007	BB	0.027	57.52	0.011
93	9.100		0.0000	0.000	32.3	0.003	BB	0.014	39.16	0.007
94	9.134		0.0000	0.000	54.2	0.004	BB	0.025	36.78	0.007
95	9.200		0.0000	0.000	5230.9	0.420	BB	0.083	1056.01	0.193
96	9.515		0.0000	0.000	1525.3	0.123	BB	0.067	376.64	0.069
97	9.632		0.0000	0.000	515.9	0.041	BB	0.034	252.55	0.046
98	9.734		0.0000	0.000	4398.8	0.353	BB	0.143	513.04	0.094
99	9.933		0.0000	0.000	37569.7	3.019	BB	0.064	9741.66	1.783

Total Area = 1244553.0, Total Amount = 734.7, Total Height = 546256.4, Sample Units = ug/l

0SX84 8694

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.22R

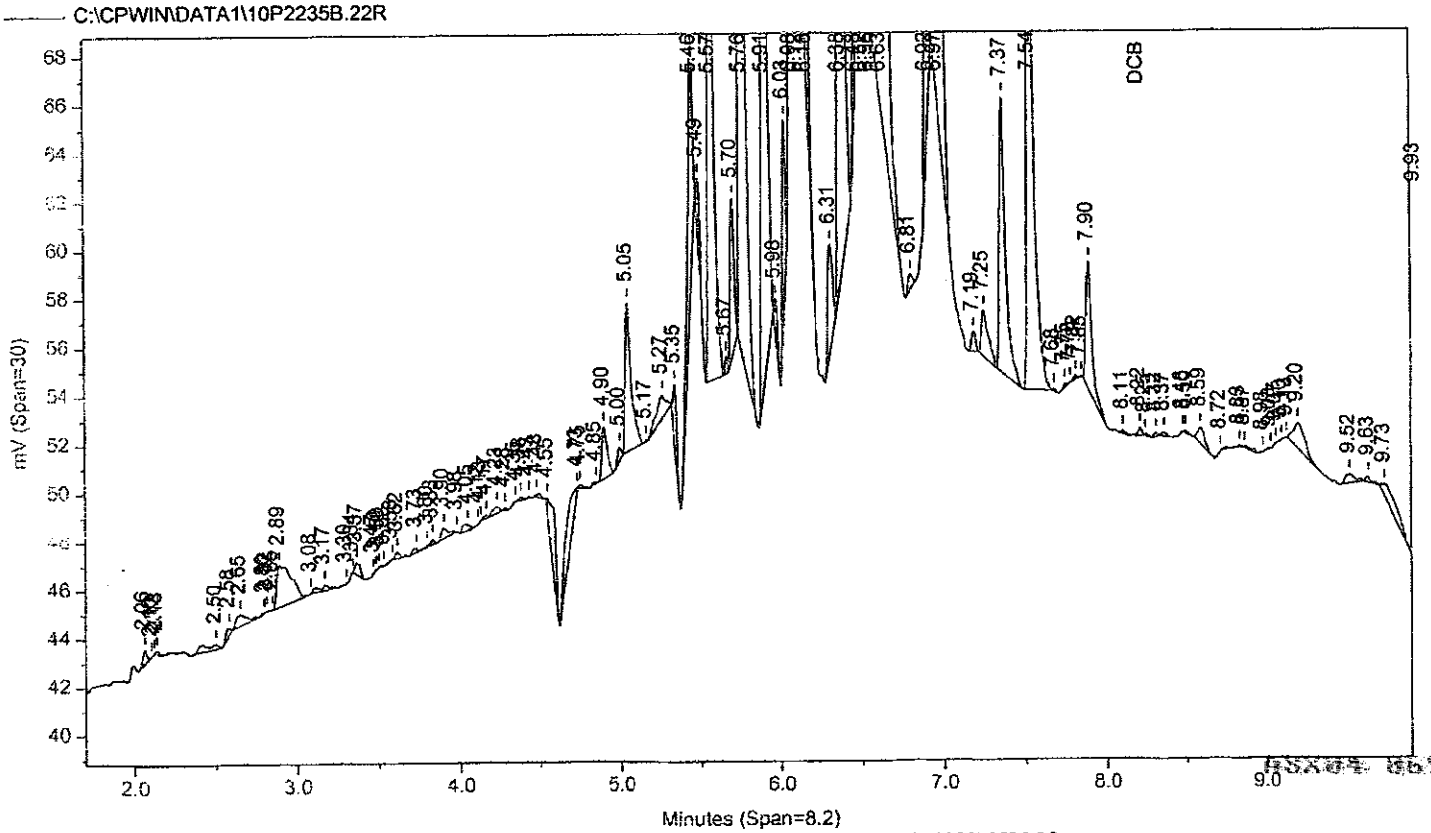
C:\CPWIN\DATA1\10P2235.22R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 7:55:14 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.22R

C:\CPWIN\DATA1\10P2235B.22R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 7:55:14 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.35	58	6.01641	TCX	.	0	.	TCX
.	0	.	DCB	8.217	338	24.48999	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.22A
Area File: C:\CPWIN\DATA1\10P2235B.22A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 8:05:18 PM
File Reported On: 9/8/2008 at 8:05:24 PM

10X REPLOTS

ASX84[illegible]696

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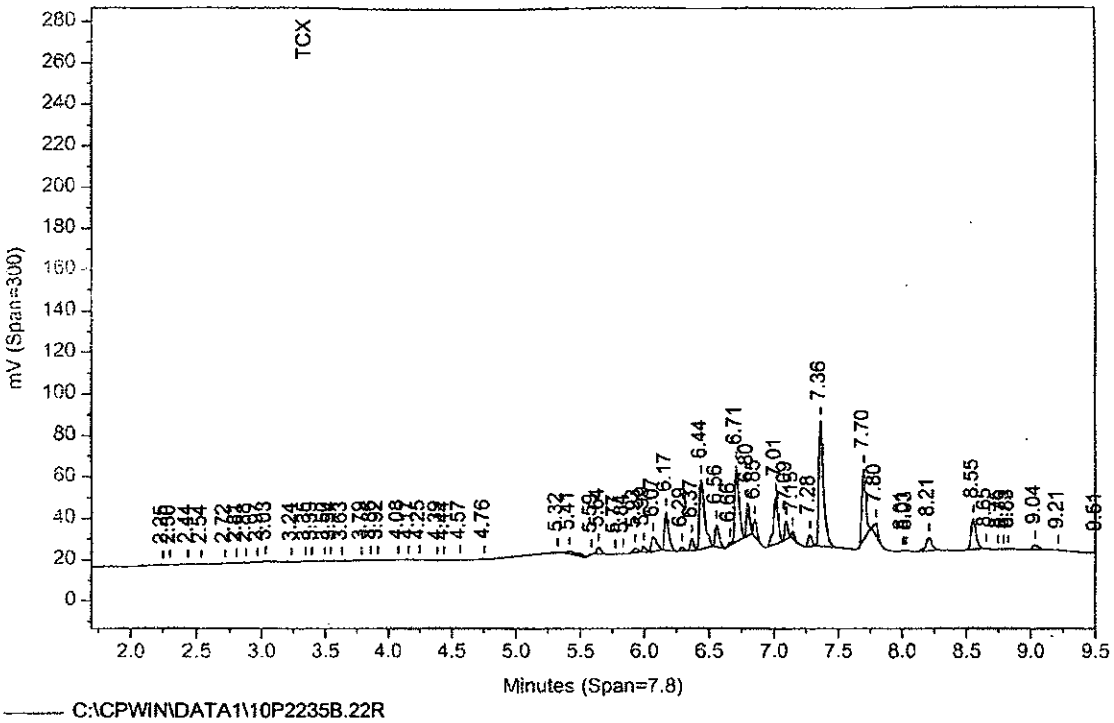

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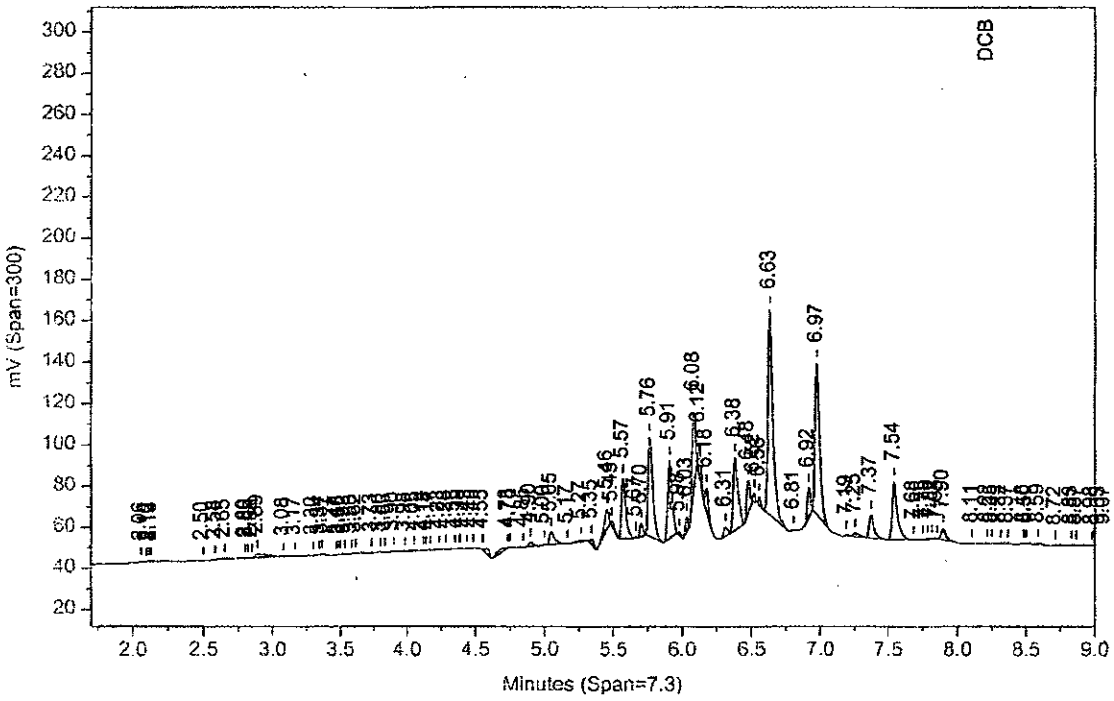


ASX84 0697

Multiple Component Data Summary

Sample Name: 5454417 ACF DF500 AMSS8 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 20:24:02
Instrument H2601A
Result file 10P2235.24R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) 80.0% Conc: 8.00728

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**28.41**	
6.03	6.07	6.09	4957.463379	11760.27363			1
6.14	6.17	6.20	13507.37109	15735.418192			2
6.41	6.44	6.47	25052.77734	24957.161467			3
6.68	6.71	6.74	27851.07812	25577.137592			4
6.77	6.80	6.83	11903.03222	19731.324876			5
6.98	7.02	7.04	16763.12890	25495.9821			6

Height summation: **100034.851075**
Concentration CF: **20542.882976** L:

Analysis Report (B)

Injected on Sep 08, 2008 20:24:02
Instrument H2601B
Result file 10P2235B.24R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 169.3% Conc: 16.88634
%SSR(DCB) 112.4% Conc: 11.2586

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**25.25**	
5.43	5.46	5.49	7365.507813	13629.319564			1
5.54	5.57	5.60	21802.03125	15112.542776			2
5.74	5.77	5.80	36166.54296	21505.077734			3
6.06	6.09	6.12	31008.04882	27439.957019			4
6.35	6.38	6.41	27277.53710	21341.921814			5
7.51	7.54	7.57	21113.04296	22894.331882			6

Height summation: **144732.710938**
Concentration CF: **20320.525132** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<8500	<1650			4	15	
Aroclor-1221			<8500	<2600			3	5	
Aroclor-1232			<8500	<1650			4	10	
Aroclor-1242			<8500	<1650			4	30	
Aroclor-1248			<8500	<1650			4	30	
Aroclor-1254			<8500	<1650			4	40	
Aroclor-1260	A	20542.882976	8500	1650		1.09	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-9-08
Verified By: [signature] Date: 9.10.08

ASX84 0638

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454417** ACF DF500 AMSS8 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 20:24:02
Instrument : CP02--H2601A
Result file : 10P2235.24R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : 80% Conc.: 8.007289

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	154.48	
3.73	3.76	3.79	36.737614	90.634428			1
4.55	4.59	4.61	186.00174	166.925974			3
4.71	4.75	4.77	166.46373	363.311966			4
5.38	5.41	5.44	1152.756714	2974.659517			6
Height Summation:			1541.959798				
Amount Avg CF:			898.882971	Linear:			
Aroclor-1221					1		
3.72	3.76	3.78	36.737614	63.847087			3
Height Summation:			36.737614				
Amount Avg CF:			63.847087	Linear:			
Aroclor-1232					4	190.50	
3.72	3.76	3.78	36.737614	77.231782			1
4.55	4.59	4.61	186.00174	342.185441			3
4.70	4.75	4.76	166.46373	782.070613			4
5.38	5.41	5.44	1152.756714	32399.008263			6
Height Summation:			1541.959798				
Amount Avg CF:			8400.124025	Linear:			
Aroclor-1242					4	183.76	
3.73	3.76	3.79	36.737614	108.437717			1
4.55	4.59	4.61	186.00174	210.814621			3
4.71	4.75	4.77	166.46373	464.450573			4
5.38	5.41	5.44	1152.756714	12041.749859			6
Height Summation:			1541.959798				
Amount Avg CF:			3206.363193	Linear:			
Aroclor-1248					4	61.79	
4.55	4.59	4.61	186.00174	334.136943			1
5.62	5.64	5.68	2925.048828	4708.249275			4
5.96	6.00	6.02	1826.459839	5567.687495			5
6.26	6.29	6.32	1249.310913	5384.218181			6
Height Summation:			6186.821320				
Amount Avg CF:			3998.572974	Linear:			
Aroclor-1254					6	137.11	
4.82	4.85	4.88	81.518501	176.353985			1
5.61	5.64	5.67	2925.048828	3812.553281			2
5.96	6.00	6.02	1826.459839	1663.109854			3
6.26	6.29	6.32	1249.310913	1507.272091			4
6.52	6.56	6.58	7762.166504	13784.946085			5
6.68	6.71	6.74	27851.07812	30032.688669			6
Height Summation:			41695.582710				
Amount Avg CF:			8496.153994	Linear:			
Aroclor-1260					6	28.41	
6.03	6.07	6.09	4957.463379	11760.27363			1
6.14	6.17	6.20	13507.37109	15735.418192			2
6.41	6.44	6.47	25052.77734	24957.161467			3
6.68	6.71	6.74	27851.07812	25577.137592			4
6.77	6.80	6.83	11903.03222	19731.324876			5
6.98	7.02	7.04	16763.12890	25495.9821			6
Height Summation:			100034.851675				
Amount Avg CF:			20542.882976	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 20:24:02
Instrument : CP02--H2601B
Result file : 10P2235B.24R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET diluted out

%SSR(TCX) : *169.3% Conc.: 16.886343
%SSR(DCB) : 112.4% Conc.: 11.258692

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	20.30	
+ 3.65	3.65	3.71	60.829338	53.890886			2
3.65	3.67	3.71	70.687653	62.62472			2
4.08	4.10	4.14	141.196213	74.025347			4
4.35	4.37	4.41	47.529404	93.409862			5
Height Summation:			259.413270				
Amount Avg CF:			76.686643	Linear:			
Aroclor-1221					2	112.55	
3.14	3.17	3.20	499.223328	1188.7968			1
3.23	3.29	3.29	40.730076	135.158706			2
Height Summation:			539.953404				
Amount Avg CF:			661.977753	Linear:			
Aroclor-1232					3	27.25	
+ 3.65	3.65	3.71	60.829338	101.529448			2
3.65	3.67	3.71	70.687653	117.983832			2
4.07	4.10	4.13	141.196213	142.899576			4
4.34	4.37	4.40	47.529404	199.585975			5
Height Summation:			259.413270				
Amount Avg CF:			153.489794	Linear:			
Aroclor-1242					3	17.60	
+ 3.65	3.65	3.71	60.829338	68.055468			2
3.65	3.67	3.71	70.687653	79.084886			2
4.08	4.10	4.14	141.196213	93.757653			4
4.35	4.37	4.41	47.529404	112.490306			5
Height Summation:			259.413270				
Amount Avg CF:			95.110948	Linear:			
Aroclor-1248					3	97.67	
4.14	4.15	4.20	101.957314	475.849906			1
4.35	4.37	4.41	47.529404	83.876524			2
4.87	4.90	4.93	1012.978088	1230.707469			5
Height Summation:			1162.464806				
Amount Avg CF:			596.8113	Linear:			
Aroclor-1254					6	142.68	
5.24	5.26	5.30	1087.44104	1911.344931			1
5.32	5.34	5.38	3039.090088	2975.859035			2
5.41	5.46	5.47	7365.507813	3964.464043			3
5.64	5.67	5.70	599.203613	458.114723			4
5.94	5.98	6.00	1294.399536	1705.139734			5
6.05	6.09	6.11	31008.04882	20077.060899			6
Height Summation:			44393.690918				
Amount Avg CF:			5181.997228	Linear:			
Aroclor-1260					6	25.25	
5.43	5.46	5.49	7365.507813	13629.319564			1
5.54	5.57	5.60	21802.03125	15112.542776			2
5.74	5.77	5.80	36166.54296	21505.077734			3
6.06	6.09	6.12	31008.04882	27439.957019			4
6.35	6.38	6.41	27277.53710	21341.921814			5
7.51	7.54	7.57	21113.04296	22894.331882			6
Height Summation:			144732.710938				
Amount Avg CF:			20320.525132	Linear:			

ASX04 0699

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:32:55

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454417** ACF DF500 AMSS8 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 20:24:02
Instrument : CP02--H2601A
Result file : 10P2235.24R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	49.93	
6.03	6.07	6.09	4957.463379	9969.519849			1
6.13	6.17	6.19	13507.37109	17248.255549			2
6.40	6.44	6.46	25052.77734	29118.933582			3
6.67	6.71	6.73	27851.07812	35871.131316			4
6.76	6.80	6.82	11903.03222	11237.740036			5
6.98	7.02	7.04	16763.12890	19085.037466			6
Height Summation:			**100034.851075**				
Amount Avg CF:			**20421.769633**	Linear:			
Aroclor-1268					5	72.15	
6.76	6.80	6.82	11903.03222	25151.169098			1
7.00	7.02	7.06	16763.12890	29202.429318			2
7.66	7.70	7.72	25193.26953	11231.529911			3
8.01	8.05	8.07	334.916595	180.98137			4
8.51	8.55	8.57	10575.58496	14295.333722			6
Height Summation:			**64769.932220**				
Amount Avg CF:			**16012.288684**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 20:24:02
Instrument : CP02--H2601B
Result file : 10P2235B.24R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	84.33	
6.05	6.09	6.11	31008.04882	50374.214498			1
6.14	6.18	6.20	9353.578125	18480.014693			2
6.44	6.48	6.50	12127.96875	16443.16801			3
6.88	6.92	6.94	10983.50488	8054.667896			4
7.34	7.37	7.40	8319.268555	14435.670733			5
7.86	7.90	7.92	4218.975586	6455.222742			6
Height Summation:			**76011.344727**				
Amount Avg CF:			**19040.493095**	Linear:			
Aroclor-1268					6	159.53	
6.10	6.13	6.16	11846.07128	14545.200959			1
6.35	6.38	6.41	27277.53710	26324.4956			2
E 6.60	6.63	6.66	76058.49218	168508.403406			3
6.94	6.98	7.00	55335.94531	16331.485241			4
7.16	7.19	7.22	307.397552	89.349271			5
7.51	7.54	7.57	21113.04296	13330.476293			6
Height Summation:			**191938.486420**				
Amount Avg CF:			**39854.901795**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			8500	1650		** 168.56	4	15	
Aroclor-1221			8500	2600		** 164.81	3	5	
Aroclor-1232			8500	1650		** 192.82	4	10	
Aroclor-1242			8500	1650		** 188.48	4	30	
Aroclor-1248			8500	1650		** 148.05	4	30	
Aroclor-1254			8500	1650		** 48.46	4	40	
Aroclor-1260			8500	1650		1.09	4	40	
Aroclor-1262			0	0		7.00	4	40	
Aroclor-1268			0	0		** 85.35	4	40	

Units: _____

ASX04 8788

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:32:55

Sample Name: **5454417ACF DF500 ADAMSS8 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 08:34:02pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.24R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.242		0.0000	0.000	1014.3	0.160	BB	0.104	163.03	0.065
2	2.302		0.0000	0.000	789.8	0.124	BB	0.039	333.83	0.132
3	2.437		0.0000	0.000	1157.4	0.182	BB	0.039	490.84	0.195
4	2.542		0.0000	0.000	464.9	0.073	BB	0.046	167.56	0.066
5	2.613		0.0000	0.000	16.3	0.003	BB	0.020	13.33	0.005
6	2.807		0.0000	0.000	1441.9	0.227	BB	0.128	187.90	0.074
7	2.943		0.0000	0.000	435.6	0.069	BB	0.060	121.13	0.048
8	3.035		0.0000	0.000	253.7	0.040	BB	0.043	99.34	0.039
9	3.118		0.0000	0.000	555.2	0.087	BB	0.060	155.47	0.062
10	3.206		0.0000	0.000	112.5	0.018	BB	0.032	59.41	0.024
11	3.388		0.0000	0.000	1899.0	0.299	BB	0.066	477.35	0.189
12	3.528		0.0000	0.000	498.8	0.079	BB	0.042	199.95	0.079
13	3.644		0.0000	0.000	659.4	0.104	BB	0.064	170.63	0.068
14	3.760		0.0000	0.000	89.8	0.014	BB	0.041	36.74	0.015
15	3.837		0.0000	0.000	967.1	0.152	BB	0.038	427.79	0.170
16	3.957		0.0000	0.000	335.1	0.053	BB	0.064	86.86	0.034
17	4.092		0.0000	0.000	637.4	0.100	BB	0.061	174.84	0.069
18	4.194		0.0000	0.000	75.7	0.012	BB	0.026	47.65	0.019
19	4.428		0.0000	0.000	107.5	0.017	BB	0.049	36.30	0.014
20	4.464		0.0000	0.000	62.2	0.010	BB	0.037	27.76	0.011
21	4.593		0.0000	0.000	974.0	0.154	BB	0.087	186.00	0.074
22	4.746		0.0000	0.000	734.1	0.116	BB	0.074	166.46	0.066
23	4.853		0.0000	0.000	331.6	0.052	BB	0.068	81.52	0.032
24	4.913		0.0000	0.000	309.2	0.049	BB	0.035	146.97	0.058
25	5.330		0.0000	0.000	6218.9	0.980	BB	0.780	132.82	0.053
26	5.366		0.0000	0.000	78.8	0.012	BB	0.020	66.87	0.027
27	5.413		0.0000	0.000	10531.7	1.660	BB	0.152	1152.76	0.457
28	5.645		0.0000	0.000	13653.6	2.152	BB	0.078	2925.05	1.159
29	5.746		0.0000	0.000	130.4	0.021	BB	0.024	88.78	0.035
30	5.835		0.0000	0.000	261.7	0.041	BB	0.043	101.48	0.040
31	5.933		0.0000	0.000	3413.8	0.538	BB	0.044	1282.21	0.508
32	5.997		0.0000	0.000	3078.9	0.485	BB	0.028	1826.46	0.724
33	6.067		0.0000	0.000	15024.4	2.368	BB	0.051	4957.46	1.965
34	6.171		0.0000	0.000	31687.4	4.994	BB	0.039	13507.37	5.354
35	6.292		0.0000	0.000	2525.1	0.398	BB	0.034	1249.31	0.495
36	6.369		0.0000	0.000	9160.6	1.444	BB	0.030	5163.97	2.047
37	6.444		0.0000	0.000	70954.1	11.182	BB	0.047	25052.78	9.931
38	6.560		0.0000	0.000	16988.9	2.677	BB	0.036	7762.17	3.077
39	6.663		0.0000	0.000	1902.4	0.300	BB	0.025	1261.80	0.500
40	6.712		0.0000	0.000	62568.1	9.860	BB	0.037	27851.08	11.040
41	6.801		0.0000	0.000	20654.8	3.255	BB	0.029	11903.03	4.718
42	6.857		0.0000	0.000	10726.5	1.690	BB	0.029	6212.51	2.463
43	7.019		0.0000	0.000	43019.2	6.780	BB	0.043	16763.13	6.645
44	7.098		0.0000	0.000	11851.6	1.868	BB	0.029	6879.69	2.727
45	7.152		0.0000	0.000	4504.1	0.710	BB	0.025	3022.36	1.198
46	7.281		0.0000	0.000	8983.7	1.416	BB	0.034	4416.95	1.751
47	7.368		0.0000	0.000	114884.0	18.105	BB	0.042	45463.26	18.021
48	7.523		0.0000	0.000	542.9	0.086	BB	0.071	128.03	0.051
49	7.703		0.0000	0.000	56448.5	8.896	BB	0.037	25193.27	9.986
50	7.799		0.0000	0.000	11213.5	1.767	BB	0.037	5083.65	2.015
51	8.048		0.0000	0.000	1033.4	0.163	BB	0.051	334.92	0.133
52	8.213		0.0000	0.000	16030.2	2.526	BB	0.056	4767.08	1.890
53	8.355		0.0000	0.000	546.5	0.086	BB	0.052	176.71	0.070
54	8.555		0.0000	0.000	28475.4	4.488	BB	0.045	10575.58	4.192
55	8.650		0.0000	0.000	829.7	0.131	BB	0.034	401.41	0.159
56	8.765		0.0000	0.000	747.4	0.118	BB	0.050	249.26	0.099
57	8.837		0.0000	0.000	862.6	0.136	BB	0.073	197.34	0.078
58	9.040		0.0000	0.000	5725.7	0.902	BB	0.052	1825.30	0.724
59	9.200		0.0000	0.000	48.7	0.008	BB	0.026	31.62	0.013
60	9.240		0.0000	0.000	657.7	0.104	BB	0.043	257.31	0.102
61	9.357		0.0000	0.000	161.0	0.025	BB	0.028	96.23	0.038
62	9.427	DCB	240.2187	100.000	188.8	0.030	BB	0.029	109.84	0.044

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.532		0.0000	0.000	489.8	0.077	BB	0.067	121.47	0.048
64	9.587		0.0000	0.000	47.4	0.007	BB	0.019	41.98	0.017
65	9.642		0.0000	0.000	284.2	0.045	BB	0.058	81.86	0.032
66	9.752		0.0000	0.000	53.0	0.008	BB	0.020	43.92	0.017
67	9.877		0.0000	0.000	544.6	0.086	BB	0.071	127.40	0.051
68	9.924		0.0000	0.000	32877.1	5.181	BB	0.059	9329.46	3.698

Total Area = 634533.4, Total Amount = 240.219, Total Height = 252275.7, Sample Units = ug/l

Sample Name: **5454417ACF DF500 ADAMSS8 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 08:34:02pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.24R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.058		0.0000	0.000	886.8	0.088	BB	0.031	470.15	0.111
2	2.137		0.0000	0.000	831.7	0.083	BB	0.054	255.89	0.061
3	2.220		0.0000	0.000	140.9	0.014	BB	0.025	95.70	0.023
4	2.303		0.0000	0.000	454.7	0.045	BB	0.053	143.81	0.034
5	2.402		0.0000	0.000	410.8	0.041	BB	0.050	136.49	0.032
6	2.570		0.0000	0.000	625.4	0.062	BB	0.030	351.48	0.083
7	2.687		0.0000	0.000	267.5	0.027	BB	0.081	55.32	0.013
8	2.753		0.0000	0.000	707.4	0.071	BB	0.052	228.40	0.054
9	2.835		0.0000	0.000	660.5	0.066	BB	0.041	269.78	0.064
10	2.928	TCX	506.5903	59.998	1470.8	0.147	BB	0.045	539.75	0.128
11	2.986		0.0000	0.000	468.2	0.047	BB	0.067	115.98	0.027
12	3.103		0.0000	0.000	1053.7	0.105	BB	0.032	549.90	0.130
13	3.171		0.0000	0.000	1488.9	0.148	BB	0.050	499.22	0.118
14	3.287		0.0000	0.000	20.0	0.002	BB	0.008	40.73	0.010
15	3.381		0.0000	0.000	3262.3	0.325	BB	0.047	1147.76	0.272
16	3.537		0.0000	0.000	491.6	0.049	BB	0.052	156.56	0.037
17	3.638		0.0000	0.000	271.4	0.027	BB	0.157	28.77	0.007
18	3.653		0.0000	0.000	41.4	0.004	BB	0.011	60.83	0.014
19	3.670		0.0000	0.000	34.3	0.003	BB	0.008	70.69	0.017
20	3.770		0.0000	0.000	129.8	0.013	BB	0.033	65.22	0.015
21	3.803		0.0000	0.000	78.0	0.008	BB	0.019	69.21	0.016
22	3.828		0.0000	0.000	215.5	0.021	BB	0.022	160.84	0.038
23	3.937		0.0000	0.000	570.9	0.057	BB	0.120	79.62	0.019
24	3.970		0.0000	0.000	198.8	0.020	BB	0.025	133.04	0.032
25	4.022		0.0000	0.000	455.2	0.045	BB	0.024	314.03	0.074
26	4.103		0.0000	0.000	278.6	0.028	BB	0.033	141.20	0.033
27	4.154		0.0000	0.000	126.8	0.013	BB	0.021	101.96	0.024
28	4.253		0.0000	0.000	1078.7	0.108	BB	0.065	275.49	0.065
29	4.337		0.0000	0.000	75.4	0.008	BB	0.022	58.16	0.014
30	4.371		0.0000	0.000	35.5	0.004	BB	0.012	47.53	0.011
31	4.437		0.0000	0.000	52.5	0.005	BB	0.014	63.32	0.015
32	4.467		0.0000	0.000	34002.2	3.391	BB	0.448	1265.02	0.300
33	4.769		0.0000	0.000	26685.7	2.661	BB	0.252	1762.97	0.418
34	4.845		0.0000	0.000	659.5	0.066	BB	0.038	291.95	0.069
35	4.897		0.0000	0.000	2495.1	0.249	BB	0.041	1012.98	0.240
36	5.003		0.0000	0.000	785.8	0.078	BB	0.030	434.54	0.103
37	5.053		0.0000	0.000	7826.5	0.780	BB	0.041	3196.06	0.757
38	5.154		0.0000	0.000	188.9	0.019	BB	0.018	177.97	0.042
39	5.264		0.0000	0.000	4357.8	0.435	BB	0.067	1087.44	0.258
40	5.343		0.0000	0.000	4753.0	0.474	BB	0.026	3039.09	0.720
41	5.458		0.0000	0.000	17972.3	1.792	BB	0.041	7365.51	1.745
42	5.493		0.0000	0.000	2763.3	0.276	BB	0.024	1913.39	0.453
43	5.574		0.0000	0.000	49049.6	4.891	BB	0.037	21802.03	5.164
44	5.668		0.0000	0.000	567.0	0.057	BB	0.016	599.20	0.142
45	5.707		0.0000	0.000	8535.5	0.851	BB	0.028	5049.71	1.196
46	5.767		0.0000	0.000	83778.1	8.355	BB	0.039	36166.54	8.567
47	5.912		0.0000	0.000	65090.9	6.491	BB	0.038	28541.76	6.761
48	5.983		0.0000	0.000	1567.3	0.156	BB	0.020	1294.40	0.307
49	6.037		0.0000	0.000	8235.9	0.821	BB	0.024	5639.08	1.336
50	6.087		0.0000	0.000	51561.5	5.142	BB	0.028	31008.05	7.345
51	6.128		0.0000	0.000	15788.3	1.574	BB	0.022	11846.07	2.806
52	6.179		0.0000	0.000	13531.5	1.349	BB	0.024	9353.58	2.216
53	6.313		0.0000	0.000	7371.4	0.735	BB	0.035	3522.69	0.834
54	6.383		0.0000	0.000	66242.5	6.606	BB	0.040	27277.54	6.461
55	6.478		0.0000	0.000	19062.4	1.901	BB	0.026	12127.97	2.873
56	6.521		0.0000	0.000	3530.2	0.352	BB	0.018	3245.83	0.769
57	6.556		0.0000	0.000	4178.7	0.417	BB	0.021	3335.78	0.790
58	6.632		0.0000	0.000	184631.0	18.412	BB	0.040	76058.49	18.016
59	6.819		0.0000	0.000	715.9	0.071	BB	0.026	452.77	0.107
60	6.920		0.0000	0.000	18384.7	1.833	BB	0.028	10983.50	2.602
61	6.978		0.0000	0.000	129886.2	12.953	BB	0.039	55335.95	13.107
62	7.193		0.0000	0.000	404.0	0.040	BB	0.022	307.40	0.073

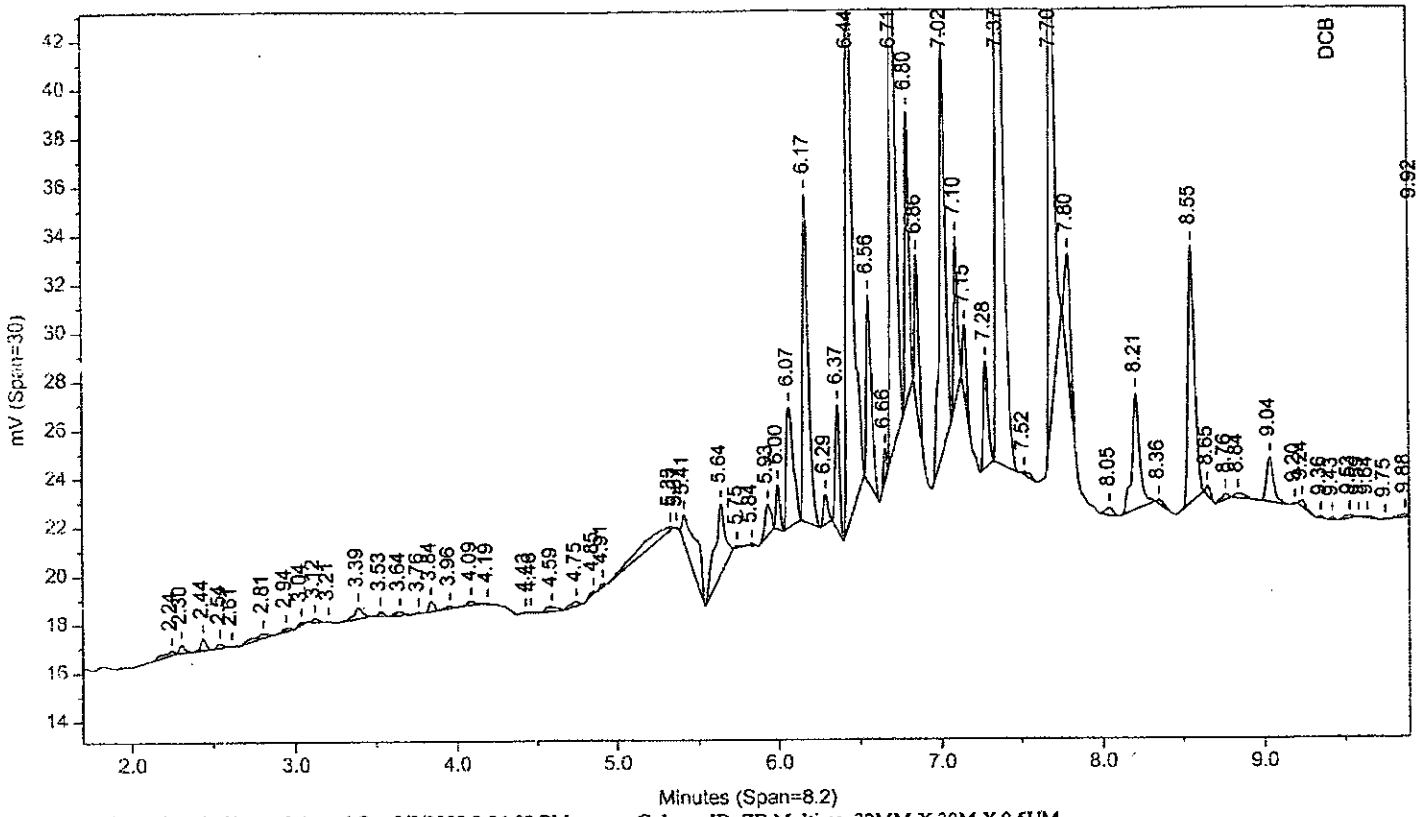
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.259		0.0000	0.000	5324.2	0.531	BB	0.045	1950.65	0.462
64	7.374		0.0000	0.000	20942.0	2.088	BB	0.042	8319.27	1.971
65	7.545		0.0000	0.000	61045.7	6.088	BB	0.048	21113.04	5.001
66	7.787		0.0000	0.000	631.0	0.063	BB	0.051	207.68	0.049
67	7.902		0.0000	0.000	12431.9	1.240	BB	0.049	4218.98	0.999
68	8.054		0.0000	0.000	935.0	0.093	BB	0.092	168.78	0.040
69	8.219	DCB	337.7607	40.002	609.8	0.061	BB	0.033	310.69	0.074
70	8.386		0.0000	0.000	1099.5	0.110	BB	0.064	288.15	0.068
71	8.437		0.0000	0.000	151.1	0.015	BB	0.017	148.66	0.035
72	8.488		0.0000	0.000	1463.9	0.146	BB	0.055	442.65	0.105
73	8.603		0.0000	0.000	1239.7	0.124	BB	0.056	372.27	0.088
74	8.737		0.0000	0.000	52.0	0.005	BB	0.019	44.89	0.011
75	8.770		0.0000	0.000	184.3	0.018	BB	0.030	103.82	0.025
76	8.854		0.0000	0.000	192.5	0.019	BB	0.022	142.85	0.034
77	8.904		0.0000	0.000	61.2	0.006	BB	0.015	67.16	0.016
78	8.970		0.0000	0.000	2823.4	0.282	BB	0.123	381.28	0.090
79	9.204		0.0000	0.000	454.4	0.045	BB	0.033	229.80	0.054
80	9.354		0.0000	0.000	143.4	0.014	BB	0.036	66.61	0.016
81	9.437		0.0000	0.000	187.3	0.019	BB	0.028	112.96	0.027
82	9.503		0.0000	0.000	92.0	0.009	BB	0.035	43.20	0.010
83	9.520		0.0000	0.000	231.8	0.023	BB	0.023	169.54	0.040
84	9.587		0.0000	0.000	392.9	0.039	BB	0.082	79.60	0.019
85	9.719		0.0000	0.000	74.9	0.007	BB	0.036	34.60	0.008
86	9.737		0.0000	0.000	3164.6	0.316	BB	0.214	246.53	0.058
87	9.928		0.0000	0.000	37336.7	3.723	BB	0.058	10693.40	2.533

Total Area = 1002752.0, Total Amount = 844.351, Total Height = 422179.1, Sample Units = ug/l

ASX84 8784

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.24R

C:\CPWIN\DATA1\10P2235.24R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 8:24:02 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.24R

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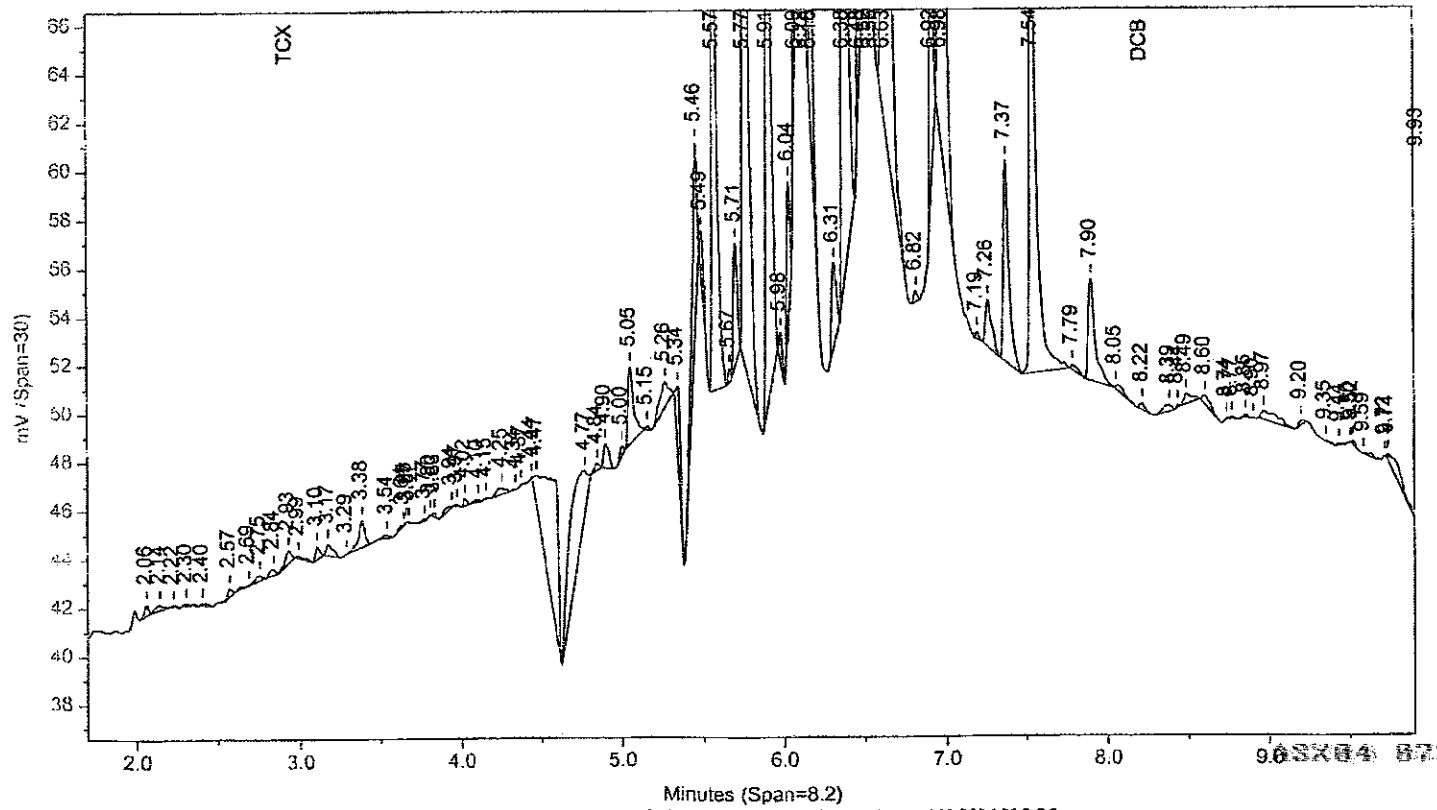

Instrument ID: CP02--H2601B Injected On: 9/8/2008 8:24:02 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 5000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.928	540	16.88634	TCX
9.427	110	8.00729	DCB	8.219	311	11.25869	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.24A
Area File: C:\CPWIN\DATA1\10P2235B.24A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 8:34:06 PM
File Reported On: 9/8/2008 at 8:34:13 PM

10X REPLOTS

ASX04 0786

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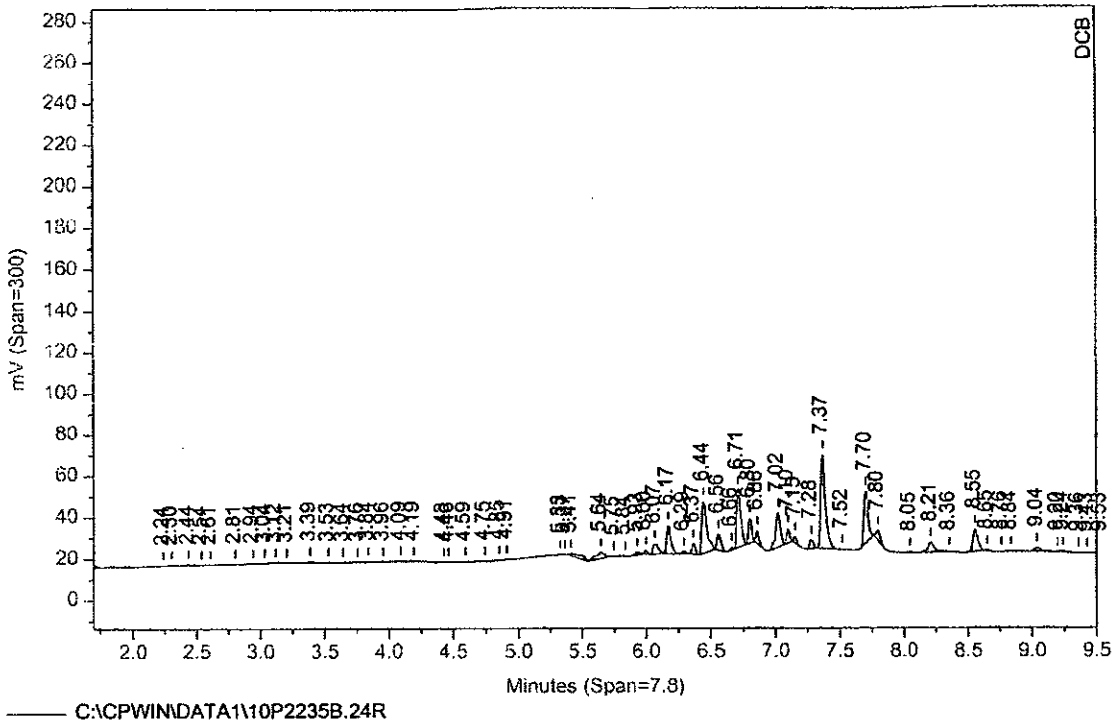

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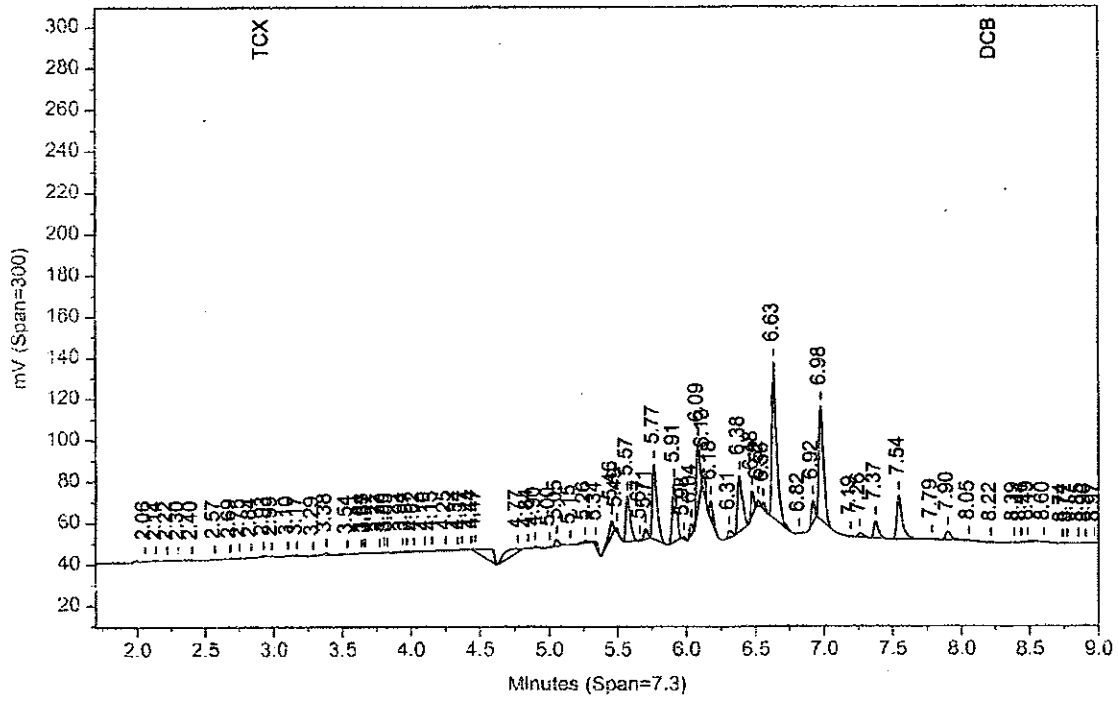

Multiple Component Data Summary

Sample Name: 5454418 ACF DF100 AMSS9 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on	Sep 05, 2008 22:59:21
Instrument	H2601A
Result file	9P2235.38R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX) 55.5% Conc: 5.532066
%SSR(DCB) 92.9% Conc: 9.307348

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.46**	
6.03	6.07	6.09	14975.59765	7105.130699			1
6.14	6.17	6.20	37541.21093	8746.730203			2
6.41	6.44	6.47	64058.76171	12762.855293			3
6.68	6.71	6.74	72973.28906	13403.056403			4
6.77	6.80	6.83	30529.90625	10121.714991			5
6.98	7.02	7.04	44119.375	13420.725946			6

Height summation: **264198.140626**
Concentration CF: **10926.702256** L:

Analysis Report (B)

Injected on	Sep 05, 2008 22:59:21
Instrument	H2601B
Result file	9P2235B.38R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX) 91.6% Conc: 9.139293
%SSR(DCB) 141.1% Conc: 14.13130

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**25.06**	
5.43	5.46	5.49	16376.33398	6060.63546			1
5.54	5.57	5.60	56110	7778.768551			2
5.74	5.77	5.80	90512.44531	10763.965879			3
6.06	6.09	6.12	71366.08593	12630.800097			4
6.35	6.38	6.41	68811.8125	10767.660705			5
7.51	7.55	7.57	53269.35156	11552.728004			6

Height summation: **356446.029298**
Concentration CF: **9925.759783** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<1700	<330			4	15	
Aroclor-1221			<1700	<520			3	5	
Aroclor-1232			<1700	<330			4	10	
Aroclor-1242			<1700	<330			4	30	
Aroclor-1248			<1700	<330			4	30	
Aroclor-1254			<1700	<330			4	40	
Aroclor-1260	A	10926.702256	1700	330		9.60	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08

Verified By: [signature] Date: 9-8-08

ASX04 0708

9/8/2008

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454418** ACF DF100 AMSS9 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 22:59:21
Instrument : CP02--H2601A
Result file : 9P2235.38R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 55.5% Conc.: 5.532066
%SSR(DCB) : 92.9% Conc.: 9.307348

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	169.41	
4.26	4.29	4.32	77.252792	30.937252			2
4.55	4.59	4.61	153.098251	27.479393			3
4.71	4.76	4.77	206.610901	90.186869			4
5.38	5.41	5.44	2202.76001	1136.833288			6
Height Summation:			**2639.721954**				
Amount Avg CF:			**321.359201**	Linear:			
Aroclor-1221					1		
3.65	3.65	3.71	75.490616	89.773595			2
Height Summation:			**75.490616**				
Amount Avg CF:			**89.773595**	Linear:			
Aroclor-1232					3	170.69	
4.26	4.29	4.32	77.252792	64.538673			2
4.55	4.59	4.61	153.098251	56.330648			3
5.38	5.41	5.44	2202.76001	12382.012423			6
Height Summation:			**2433.111053**				
Amount Avg CF:			**4167.627248**	Linear:			
Aroclor-1242					4	189.53	
4.26	4.29	4.32	77.252792	38.589736			2
4.55	4.59	4.61	153.098251	34.704352			3
4.71	4.76	4.77	206.610901	115.293045			4
5.38	5.41	5.44	2202.76001	4602.026554			6
Height Summation:			**2639.721954**				
Amount Avg CF:			**1197.653422**	Linear:			
Aroclor-1248					4	74.22	
4.55	4.59	4.61	153.098251	55.005702			1
5.62	5.64	5.68	5232.09375	1684.348061			4
5.96	5.99	6.02	5417.10791	3302.647375			5
6.26	6.29	6.32	2655.931152	2289.280058			6
Height Summation:			**13458.231063**				
Amount Avg CF:			**1832.820299**	Linear:			
Aroclor-1254					5	124.45	
5.61	5.64	5.67	5232.09375	1363.918168			2
5.96	5.99	6.02	5417.10791	986.525447			3
6.26	6.29	6.32	2655.931152	640.867034			4
6.52	6.56	6.58	20815.51953	7393.317686			5
6.68	6.71	6.74	72973.28906	15737.876012			6
Height Summation:			**107093.941406**				
Amount Avg CF:			**5224.500869**	Linear:			
Aroclor-1260					6	24.46	
6.03	6.07	6.09	14975.59765	7105.130699			1
6.14	6.17	6.20	37541.21093	8746.730203			2
6.41	6.44	6.47	64058.76171	12762.855293			3
6.68	6.71	6.74	72973.28906	13403.056403			4
6.77	6.80	6.83	30529.90625	10121.714991			5
6.98	7.02	7.04	44119.375	13420.725946			6
Height Summation:			**264198.140626**				
Amount Avg CF:			**10926.702256**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 22:59:21
Instrument : CP02--H2601B
Result file : 9P2235B.38R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 91.6% Conc.: 9.139293
%SSR(DCB) : 141.1% Conc.: 14.131304

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	162.98	
3.32	3.38	3.38	3241.643799	861.001229			1
3.65	3.67	3.71	70.134521	12.426936			2
4.08	4.12	4.14	169.450989	17.767712			4
4.35	4.37	4.41	287.916718	113.168939			5
Height Summation:			**3769.146027**				
Amount Avg CF:			**251.091204**	Linear:			
Aroclor-1221					2	82.79	
3.14	3.17	3.20	800.779114	381.37787			1
3.23	3.25	3.29	150.263245	99.726726			2
Height Summation:			**951.042359**				
Amount Avg CF:			**240.552298**	Linear:			
Aroclor-1232					3	123.27	
3.65	3.67	3.71	70.134521	23.412121			2
4.07	4.12	4.13	169.450989	34.299042			4
4.34	4.37	4.40	287.916718	241.804584			5
Height Summation:			**527.502228**				
Amount Avg CF:			**99.838582**	Linear:			
Aroclor-1242					3	116.48	
3.65	3.67	3.71	70.134521	15.693209			2
4.08	4.12	4.14	169.450989	22.5039			4
4.35	4.37	4.41	287.916718	136.285486			5
Height Summation:			**527.502228**				
Amount Avg CF:			**58.160865**	Linear:			
Aroclor-1248					3	137.20	
4.14	4.19	4.20	63.098362	58.897883			1
4.35	4.37	4.41	287.916718	101.619004			2
4.87	4.90	4.93	4090.967285	994.055854			5
Height Summation:			**4441.982365**				
Amount Avg CF:			**384.85758**	Linear:			
Aroclor-1254					6	175.88	
5.24	5.27	5.30	132.014267	46.407077			1
5.32	5.35	5.38	1501.539429	294.059705			2
5.41	5.46	5.47	16376.33398	1762.903221			3
5.64	5.67	5.70	715.989746	109.480463			4
5.94	5.98	6.00	2950.344482	777.310168			5
6.05	6.09	6.11	71366.08593	9241.608599			6
Height Summation:			**93042.307846**				
Amount Avg CF:			**2038.628206**	Linear:			
Aroclor-1260					6	25.06	
5.43	5.46	5.49	16376.33398	6060.63546			1
5.54	5.57	5.60	56110	7778.768551			2
5.74	5.77	5.80	90512.44531	10763.965879			3
6.06	6.09	6.12	71366.08593	12630.800097			4
6.35	6.38	6.41	68811.8125	10767.660705			5
7.51	7.55	7.57	53269.35156	11552.728004			6
Height Summation:			**356446.029298**				
Amount Avg CF:			**9925.759783**	Linear:			

ASX04 9709

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:06:31

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454418** ACF DF100 AMSS9 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 22:59:21
Instrument : CP02--H2601A
Result file : 9P2235.38R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**47.15**	
6.03	6.07	6.09	14975.59765	6023.222227			1
6.13	6.17	6.19	37541.21093	9587.659884			2
6.40	6.44	6.46	64058.76171	14891.146017			3
6.67	6.71	6.73	72973.28906	18797.365207			4
6.76	6.80	6.82	30529.90625	5764.701687			5
6.98	7.02	7.04	44119.375	10046.094969			6
Height Summation:			**264198.140626**				
Amount Avg CF:			**10851.698332**	Linear:			
Aroclor-1268					**5**	**73.10**	
6.76	6.80	6.82	30529.90625	12901.970187			1
7.00	7.02	7.06	44119.375	15371.747568			2
7.66	7.70	7.72	65009.82031	5796.466715			3
8.01	8.04	8.07	927.971924	100.291017			4
8.51	8.55	8.57	26456.45898	7152.396991			6
Height Summation:			**167043.532471**				
Amount Avg CF:			**8264.574496**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 22:59:21
Instrument : CP02--H2601B
Result file : 9P2235B.38R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**79.47**	
6.05	6.09	6.11	71366.08593	23187.595846			1
6.14	6.18	6.20	22565.71875	8916.690672			2
6.44	6.48	6.50	30292.24218	8214.07835			3
6.88	6.92	6.94	27651.34960	4055.580443			4
7.34	7.38	7.40	21184.01953	7351.74081			5
7.86	7.90	7.92	10149.29003	3105.774212			6
Height Summation:			**183208.706055**				
Amount Avg CF:			**9138.576722**	Linear:			
Aroclor-1268					**6**	**157.02**	
6.10	6.13	6.16	28920.60351	7102.033741			1
6.35	6.38	6.41	68811.8125	13281.523535			2
E 6.60	6.63	6.66	181703.25	80513.098985			3
6.94	6.98	7.00	135944.9531	8024.379029			4
7.16	7.20	7.22	1439.571655	83.686208			5
7.51	7.55	7.57	53269.35156	6726.702818			6
Height Summation:			**470089.542359**				
Amount Avg CF:			**19288.570719**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		24.55	4	15	
Aroclor-1221			1700	520		** 91.29	3	5	
Aroclor-1232			1700	330		** 190.64	4	10	
Aroclor-1242			1700	330		** 181.47	4	30	
Aroclor-1248			1700	330		** 130.58	4	30	
Aroclor-1254			1700	330		** 87.73	4	40	
Aroclor-1260			1700	330		9.60	4	40	
Aroclor-1262			0	0		17.14	4	40	
Aroclor-1268			0	0		** 80.02	4	40	

Units: _____

ASX04 8718

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:06:31

Sample Name: **5454418ACF DF100 ACAMSS9 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 11:09:21pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.38R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.101		0.0000	0.000	153.3	0.010	BB	0.030	84.55	0.013
2	2.216		0.0000	0.000	1311.5	0.087	BB	0.070	311.74	0.049
3	2.301		0.0000	0.000	1948.1	0.129	BB	0.036	903.53	0.142
4	2.401		0.0000	0.000	159.4	0.011	BB	0.026	102.37	0.016
5	2.433		0.0000	0.000	82.2	0.005	BB	0.020	66.90	0.011
6	2.537		0.0000	0.000	2525.4	0.168	BB	0.040	1043.44	0.164
7	2.710		0.0000	0.000	454.6	0.030	BB	0.051	147.38	0.023
8	2.805		0.0000	0.000	567.4	0.038	BB	0.053	179.82	0.028
9	2.928		0.0000	0.000	1419.9	0.094	BB	0.046	514.95	0.081
10	3.152		0.0000	0.000	4684.3	0.311	BB	0.049	1606.72	0.253
11	3.352	TCX	165.9620	37.280	922.3	0.061	BB	0.029	529.21	0.083
12	3.525		0.0000	0.000	946.9	0.063	BB	0.043	370.55	0.058
13	3.648		0.0000	0.000	234.7	0.016	BB	0.052	75.49	0.012
14	3.855		0.0000	0.000	3607.2	0.239	BB	0.055	1098.08	0.173
15	4.021		0.0000	0.000	305.6	0.020	BB	0.050	102.88	0.016
16	4.116		0.0000	0.000	307.5	0.020	BB	0.064	79.89	0.013
17	4.192		0.0000	0.000	501.4	0.033	BB	0.064	131.42	0.021
18	4.289		0.0000	0.000	159.0	0.011	BB	0.034	77.25	0.012
19	4.358		0.0000	0.000	100.8	0.007	BB	0.035	47.75	0.008
20	4.447		0.0000	0.000	65.1	0.004	BB	0.036	29.75	0.005
21	4.526		0.0000	0.000	707.3	0.047	BB	0.029	408.74	0.064
22	4.591		0.0000	0.000	317.0	0.021	BB	0.035	153.10	0.024
23	4.653		0.0000	0.000	69.9	0.005	BB	0.034	34.27	0.005
24	4.763		0.0000	0.000	816.4	0.054	BB	0.066	206.61	0.033
25	5.287		0.0000	0.000	2840.0	0.188	BB	0.743	63.69	0.010
26	5.325		0.0000	0.000	133.8	0.009	BB	0.028	80.27	0.013
27	5.356		0.0000	0.000	122.0	0.008	BB	0.027	74.76	0.012
28	5.414		0.0000	0.000	4870.3	0.323	BB	0.037	2202.76	0.347
29	5.582		0.0000	0.000	1520.3	0.101	BB	0.030	857.15	0.135
30	5.644		0.0000	0.000	11422.6	0.758	BB	0.036	5232.09	0.823
31	5.746		0.0000	0.000	13626.5	0.904	BB	0.026	8761.10	1.379
32	5.833		0.0000	0.000	515.2	0.034	BB	0.031	281.19	0.044
33	5.932		0.0000	0.000	9293.1	0.617	BB	0.037	4130.90	0.650
34	5.995		0.0000	0.000	9321.2	0.619	BB	0.029	5417.11	0.853
35	6.068		0.0000	0.000	45288.4	3.005	BB	0.050	14975.60	2.357
36	6.168		0.0000	0.000	87222.3	5.788	BB	0.039	37541.21	5.909
37	6.289		0.0000	0.000	5682.3	0.377	BB	0.036	2655.93	0.418
38	6.370		0.0000	0.000	17490.7	1.161	BB	0.031	9352.57	1.472
39	6.442		0.0000	0.000	178502.3	11.845	BB	0.046	64058.76	10.082
40	6.558		0.0000	0.000	45880.7	3.045	BB	0.037	20815.52	3.276
41	6.665		0.0000	0.000	4792.3	0.318	BB	0.024	3337.16	0.525
42	6.711		0.0000	0.000	163342.1	10.839	BB	0.037	72973.29	11.485
43	6.800		0.0000	0.000	51742.7	3.434	BB	0.028	30529.91	4.805
44	6.856		0.0000	0.000	27589.0	1.831	BB	0.028	16490.19	2.595
45	7.018		0.0000	0.000	112389.5	7.458	BB	0.042	44119.38	6.944
46	7.098		0.0000	0.000	29453.7	1.955	BB	0.028	17492.91	2.753
47	7.152		0.0000	0.000	11591.2	0.769	BB	0.024	8062.06	1.269
48	7.279		0.0000	0.000	21496.1	1.426	BB	0.033	10701.29	1.684
49	7.366		0.0000	0.000	288360.6	19.136	BB	0.043	112685.50	17.735
50	7.496		0.0000	0.000	333.7	0.022	BB	0.025	224.09	0.035
51	7.561		0.0000	0.000	258.7	0.017	BB	0.032	134.45	0.021
52	7.702		0.0000	0.000	144450.1	9.586	BB	0.037	65009.82	10.232
53	7.798		0.0000	0.000	22678.3	1.505	BB	0.035	10930.00	1.720
54	8.043		0.0000	0.000	3189.9	0.212	BB	0.057	927.97	0.146
55	8.210		0.0000	0.000	41311.6	2.741	BB	0.054	12674.81	1.995
56	8.355		0.0000	0.000	926.3	0.061	BB	0.045	339.98	0.054
57	8.467		0.0000	0.000	181.5	0.012	BB	0.031	98.72	0.016
58	8.554		0.0000	0.000	72814.2	4.832	BB	0.046	26456.46	4.164
59	8.651		0.0000	0.000	1697.1	0.113	BB	0.030	950.60	0.150
60	8.740		0.0000	0.000	23.3	0.002	BB	0.022	17.57	0.003
61	8.802		0.0000	0.000	11.7	0.001	BB	0.011	18.50	0.003
62	8.856		0.0000	0.000	1328.8	0.088	BB	0.063	351.82	0.055

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.037		0.0000	0.000	15165.8	1.006	BB	0.051	4923.45	0.775
64	9.149		0.0000	0.000	74.5	0.005	BB	0.029	43.37	0.007
65	9.321		0.0000	0.000	32.5	0.002	BB	0.014	37.80	0.006
66	9.368		0.0000	0.000	229.5	0.015	BB	0.029	133.80	0.021
67	9.426	DCB	279.2205	62.720	1530.8	0.102	BB	0.040	638.38	0.100
68	9.513		0.0000	0.000	189.7	0.013	BB	0.044	71.28	0.011
69	9.589		0.0000	0.000	131.8	0.009	BB	0.022	97.66	0.015
70	9.663		0.0000	0.000	185.1	0.012	BB	0.042	73.68	0.012
71	9.707		0.0000	0.000	365.5	0.024	BB	0.052	117.43	0.018
72	9.816		0.0000	0.000	249.6	0.017	BB	0.058	71.37	0.011
73	9.867		0.0000	0.000	94.9	0.006	BB	0.023	68.94	0.011
74	9.921		0.0000	0.000	32626.1	2.165	BB	0.056	9763.55	1.537

Total Area = 1506937.0, Total Amount = 445.182, Total Height = 635374.3, Sample Units = ug/l

ASXB4 0212

Sample Name: **5454418ACF DF100 ACAMSS9 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 11:09:21pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.38R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	3138.7	0.141	BB	0.035	1494.17	0.149
2	2.119		0.0000	0.000	67.9	0.003	BB	0.017	67.89	0.007
3	2.203		0.0000	0.000	49.7	0.002	BB	0.015	53.98	0.005
4	2.236		0.0000	0.000	419.6	0.019	BB	0.026	264.58	0.026
5	2.286		0.0000	0.000	3129.7	0.141	BB	0.037	1422.67	0.142
6	2.403		0.0000	0.000	197.7	0.009	BB	0.033	98.93	0.010
7	2.470		0.0000	0.000	17.3	0.001	BB	0.007	41.94	0.004
8	2.503		0.0000	0.000	491.9	0.022	BB	0.032	253.39	0.025
9	2.570		0.0000	0.000	1747.7	0.079	BB	0.032	923.08	0.092
10	2.686		0.0000	0.000	347.7	0.016	BB	0.082	70.64	0.007
11	2.719		0.0000	0.000	80.5	0.004	BB	0.023	57.41	0.006
12	2.753		0.0000	0.000	147.7	0.007	BB	0.030	81.23	0.008
13	2.836		0.0000	0.000	1122.8	0.051	BB	0.048	390.37	0.039
14	2.926	TCX	274.1788	39.274	3840.1	0.173	BB	0.044	1460.64	0.145
15	3.016		0.0000	0.000	2084.2	0.094	BB	0.028	1250.25	0.124
16	3.120		0.0000	0.000	60.2	0.003	BB	0.017	59.32	0.006
17	3.169		0.0000	0.000	1713.9	0.077	BB	0.036	800.78	0.080
18	3.253		0.0000	0.000	271.7	0.012	BB	0.030	150.26	0.015
19	3.379		0.0000	0.000	8811.8	0.397	BB	0.045	3241.64	0.322
20	3.487		0.0000	0.000	60.5	0.003	BB	0.014	71.17	0.007
21	3.504		0.0000	0.000	38.0	0.002	BB	0.012	50.89	0.005
22	3.537		0.0000	0.000	86.1	0.004	BB	0.030	48.35	0.005
23	3.569		0.0000	0.000	102.9	0.005	BB	0.025	68.84	0.007
24	3.620		0.0000	0.000	45.2	0.002	BB	0.018	41.71	0.004
25	3.670		0.0000	0.000	125.3	0.006	BB	0.030	70.13	0.007
26	3.802		0.0000	0.000	942.8	0.042	BB	0.051	308.96	0.031
27	3.902		0.0000	0.000	227.8	0.010	BB	0.041	92.24	0.009
28	3.936		0.0000	0.000	66.1	0.003	BB	0.027	41.15	0.004
29	4.020		0.0000	0.000	1176.8	0.053	BB	0.043	456.10	0.045
30	4.118		0.0000	0.000	447.6	0.020	BB	0.044	169.45	0.017
31	4.187		0.0000	0.000	70.2	0.003	BB	0.019	63.10	0.006
32	4.204		0.0000	0.000	26.1	0.001	BB	0.011	40.54	0.004
33	4.235		0.0000	0.000	244.1	0.011	BB	0.034	120.83	0.012
34	4.270		0.0000	0.000	17.7	0.001	BB	0.008	38.05	0.004
35	4.303		0.0000	0.000	134.6	0.006	BB	0.044	51.25	0.005
36	4.369		0.0000	0.000	765.9	0.034	BB	0.044	287.92	0.029
37	4.437		0.0000	0.000	27.0	0.001	BB	0.011	39.13	0.004
38	4.504		0.0000	0.000	2695.2	0.121	BB	0.070	638.76	0.064
39	4.602		0.0000	0.000	143.5	0.006	BB	0.018	135.61	0.013
40	4.753		0.0000	0.000	1955.9	0.088	BB	0.111	292.41	0.029
41	4.786		0.0000	0.000	120.2	0.005	BB	0.016	124.36	0.012
42	4.837		0.0000	0.000	190.5	0.009	BB	0.023	138.91	0.014
43	4.896		0.0000	0.000	9638.9	0.434	BB	0.039	4090.97	0.407
44	4.995		0.0000	0.000	1670.0	0.075	BB	0.025	1120.97	0.112
45	5.050		0.0000	0.000	22179.8	0.999	BB	0.041	8979.40	0.893
46	5.185		0.0000	0.000	51.5	0.002	BB	0.015	58.93	0.006
47	5.269		0.0000	0.000	567.5	0.026	BB	0.072	132.01	0.013
48	5.304		0.0000	0.000	417.6	0.019	BB	0.022	311.04	0.031
49	5.350		0.0000	0.000	2254.6	0.102	BB	0.025	1501.54	0.149
50	5.459		0.0000	0.000	31547.1	1.421	BB	0.032	16376.33	1.629
51	5.496		0.0000	0.000	5253.6	0.237	BB	0.019	4560.35	0.454
52	5.574		0.0000	0.000	124249.8	5.596	BB	0.037	56110.00	5.582
53	5.666		0.0000	0.000	499.2	0.022	BB	0.012	715.99	0.071
54	5.708		0.0000	0.000	22596.3	1.018	BB	0.027	13938.00	1.387
55	5.767		0.0000	0.000	216511.4	9.751	BB	0.040	90512.45	9.005
56	5.911		0.0000	0.000	155989.9	7.025	BB	0.037	70021.15	6.966
57	5.982		0.0000	0.000	3624.3	0.163	BB	0.020	2950.34	0.294
58	6.037		0.0000	0.000	21253.8	0.957	BB	0.024	14722.72	1.465
59	6.087		0.0000	0.000	113063.2	5.092	BB	0.026	71366.09	7.100
60	6.126		0.0000	0.000	37792.2	1.702	BB	0.022	28920.60	2.877
61	6.180		0.0000	0.000	34598.7	1.558	BB	0.026	22565.72	2.245
62	6.315		0.0000	0.000	20397.2	0.919	BB	0.035	9758.66	0.971

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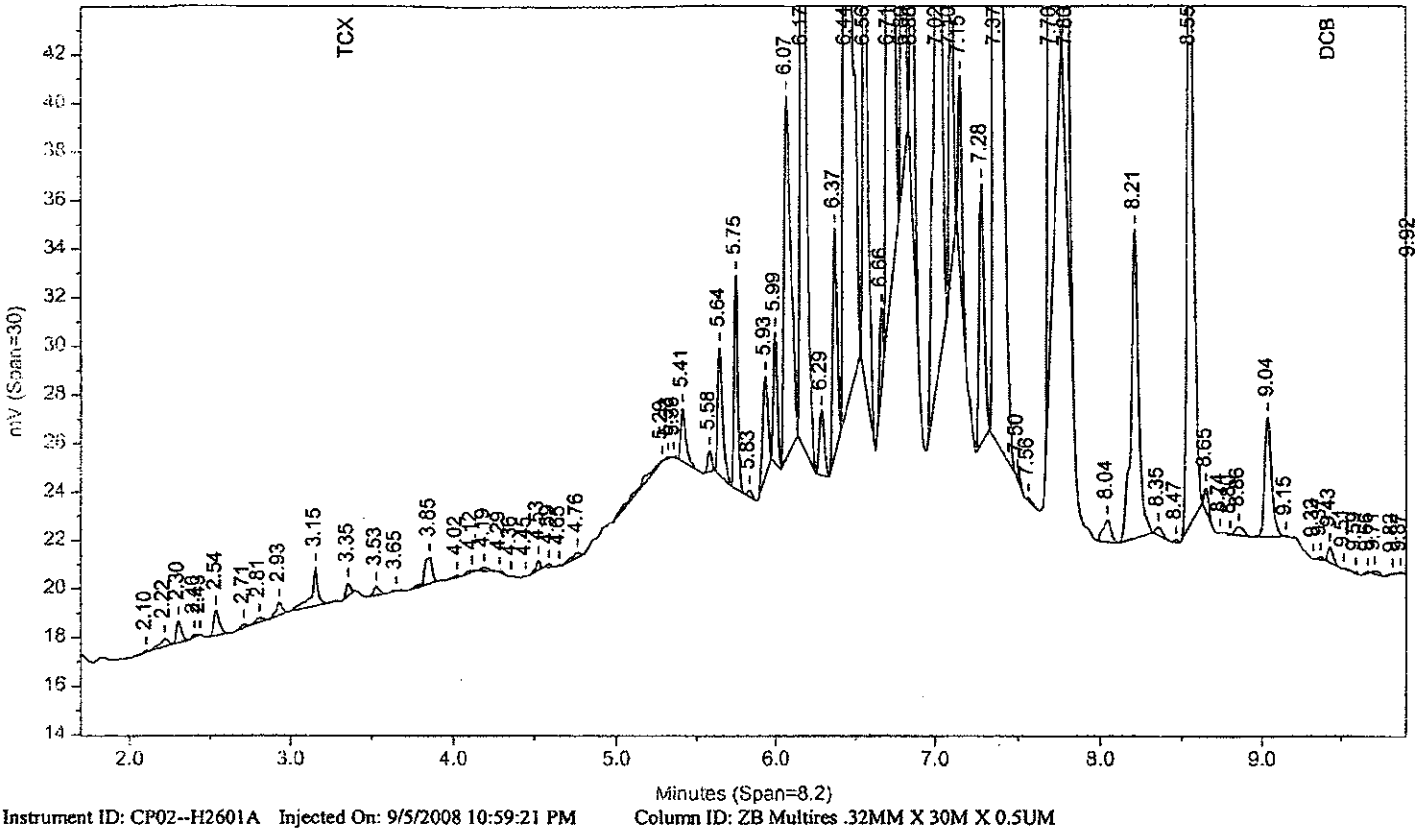
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.383		0.0000	0.000	167784.4	7.556	BB	0.041	68811.81	6.846
64	6.481		0.0000	0.000	47933.8	2.159	BB	0.026	30292.24	3.014
65	6.523		0.0000	0.000	9391.6	0.423	BB	0.018	8468.13	0.842
66	6.560		0.0000	0.000	9997.4	0.450	BB	0.020	8165.34	0.812
67	6.635		0.0000	0.000	449789.6	20.256	BB	0.041	181703.30	18.077
68	6.818		0.0000	0.000	1844.3	0.083	BB	0.025	1205.80	0.120
69	6.919		0.0000	0.000	46128.5	2.077	BB	0.028	27651.35	2.751
70	6.979		0.0000	0.000	323972.2	14.590	BB	0.040	135945.00	13.524
71	7.198		0.0000	0.000	2412.1	0.109	BB	0.028	1439.57	0.143
72	7.259		0.0000	0.000	10884.1	0.490	BB	0.044	4103.82	0.408
73	7.376		0.0000	0.000	52673.4	2.372	BB	0.041	21184.02	2.107
74	7.547		0.0000	0.000	142584.5	6.421	BB	0.045	53269.35	5.299
75	7.752		0.0000	0.000	1612.8	0.073	BB	0.051	522.74	0.052
76	7.811		0.0000	0.000	2419.1	0.109	BB	0.041	987.96	0.098
77	7.902		0.0000	0.000	26222.7	1.181	BB	0.043	10149.29	1.010
78	8.052		0.0000	0.000	885.8	0.040	BB	0.042	348.70	0.035
79	8.154		0.0000	0.000	110.8	0.005	BB	0.017	106.67	0.011
80	8.221	DCB	423.9391	60.726	5052.3	0.228	BB	0.043	1949.81	0.194
81	8.345		0.0000	0.000	1067.4	0.048	BB	0.051	346.01	0.034
82	8.460		0.0000	0.000	438.9	0.020	BB	0.035	208.20	0.021
83	8.545		0.0000	0.000	753.2	0.034	BB	0.047	268.60	0.027
84	8.600		0.0000	0.000	895.0	0.040	BB	0.033	449.20	0.045
85	8.668		0.0000	0.000	159.1	0.007	BB	0.017	160.00	0.016
86	8.718		0.0000	0.000	845.7	0.038	BB	0.050	284.39	0.028
87	8.868		0.0000	0.000	2878.3	0.130	BB	0.074	649.73	0.065
88	8.979		0.0000	0.000	542.7	0.024	BB	0.038	239.13	0.024
89	9.068		0.0000	0.000	496.8	0.022	BB	0.068	122.64	0.012
90	9.135		0.0000	0.000	64.5	0.003	BB	0.017	63.94	0.006
91	9.184		0.0000	0.000	59.0	0.003	BB	0.012	83.64	0.008
92	9.218		0.0000	0.000	1693.7	0.076	BB	0.086	329.85	0.033
93	9.367		0.0000	0.000	494.8	0.022	BB	0.035	236.34	0.024
94	9.418		0.0000	0.000	198.5	0.009	BB	0.021	157.48	0.016
95	9.533		0.0000	0.000	2208.8	0.099	BB	0.089	415.33	0.041
96	9.663		0.0000	0.000	226.8	0.010	BB	0.027	141.26	0.014
97	9.713		0.0000	0.000	6510.1	0.293	BB	0.223	487.60	0.049
98	9.933		0.0000	0.000	37651.4	1.696	BB	0.063	9947.28	0.990

Total Area = 2220491.0, Total Amount = 698.118, Total Height = 1005182.0, Sample Units = ug/l

ASX84 0714

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.38R

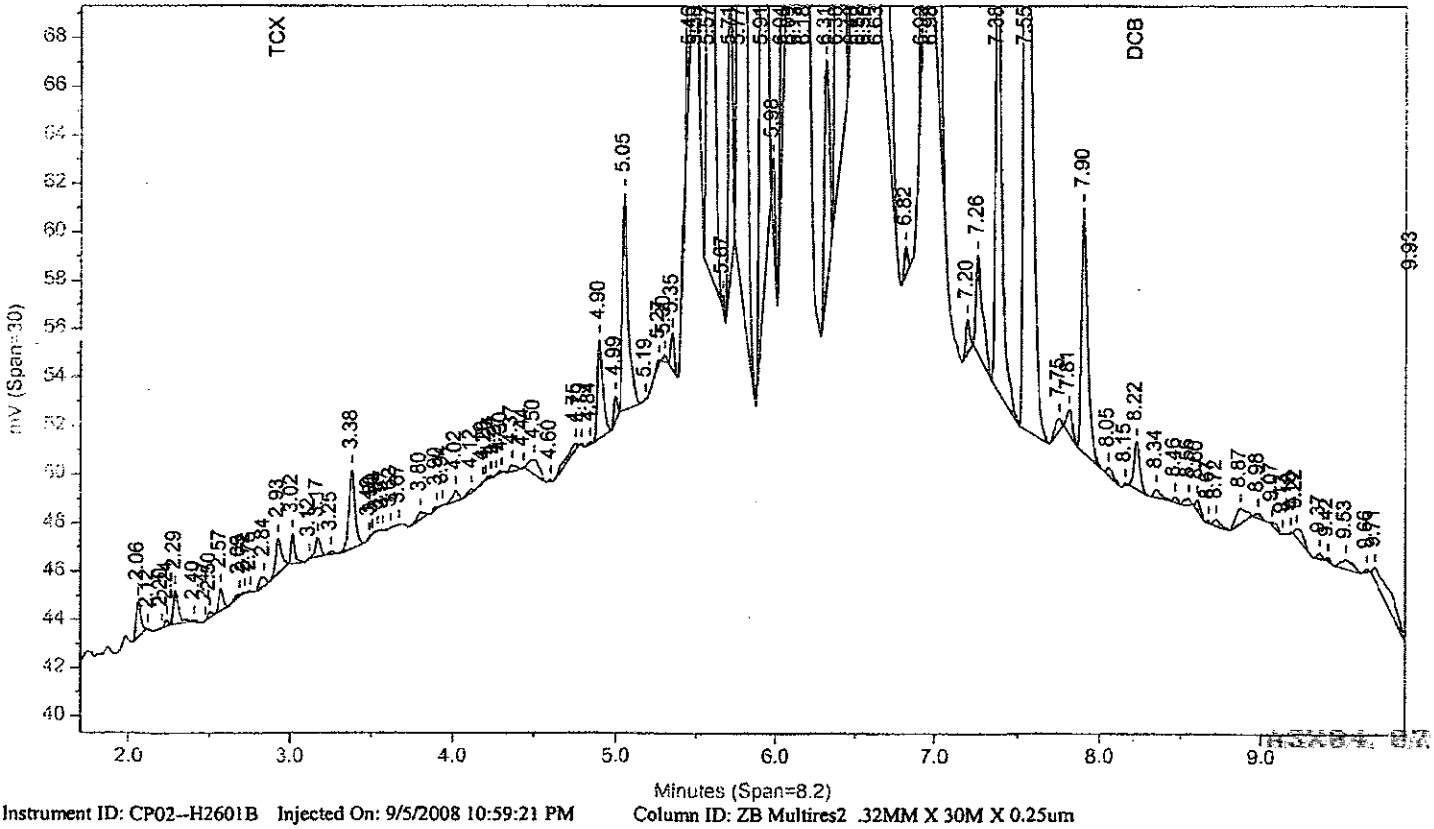
C:\CPWIN\DATA1\9P2235.38R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 10:59:21 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.38R

C:\CPWIN\DATA1\9P2235B.38R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 10:59:21 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 1000

RT A	Height A	Amount A	Compound A
3.352	529	5.53207	TCX
9.426	638	9.30735	DCB

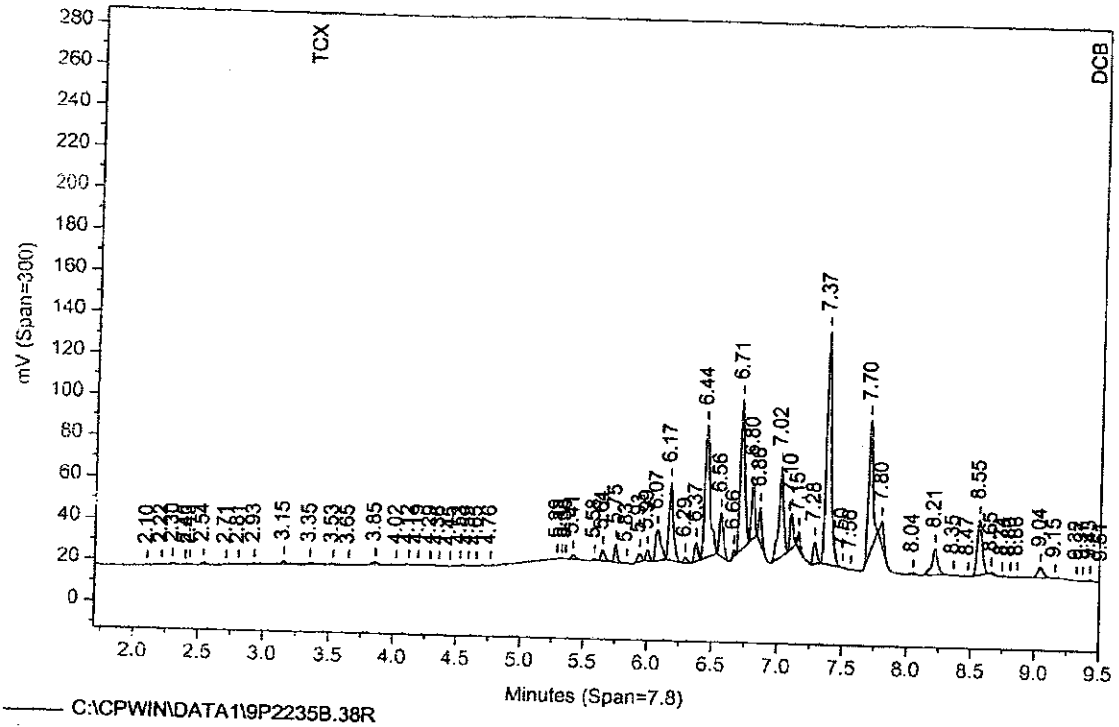
RT B	Height B	Amount B	Compound B
2.926	1461	9.13929	TCX
8.221	1950	14.1313	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.38A
Area File: C:\CPWIN\DATA1\9P2235B.38A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 11:09:26 PM
File Reported On: 9/5/2008 at 11:09:32 PM

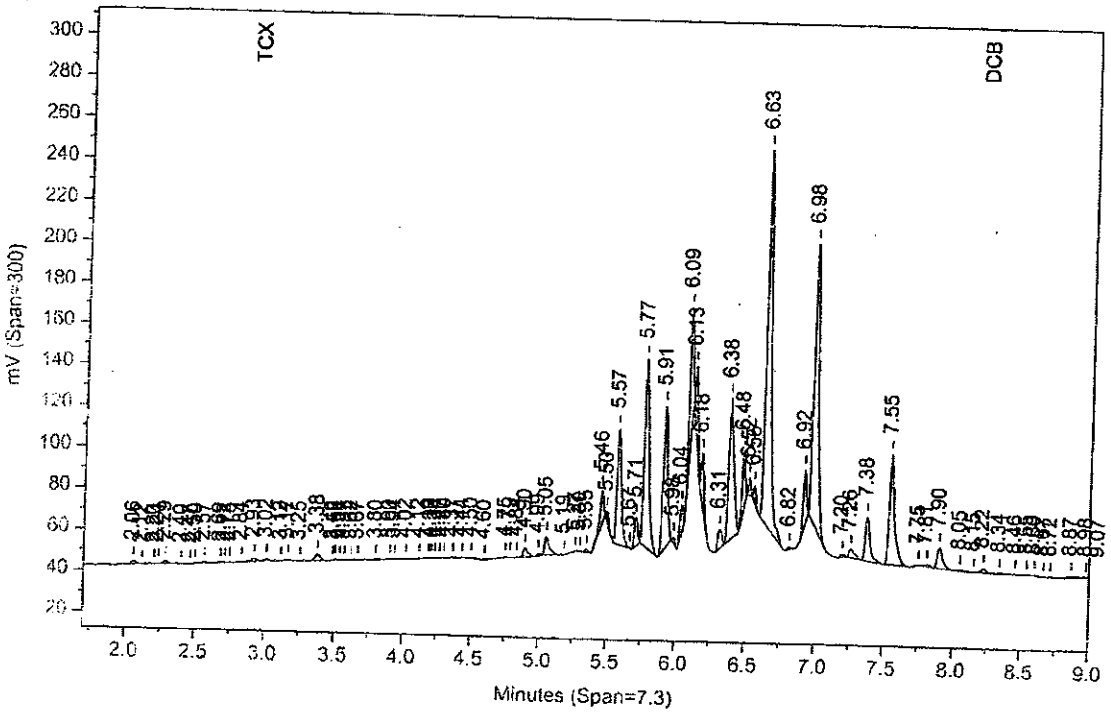
10X REPLOTS

ASX84 8716

C:\CPWIN\DATA1\9P2235.38R



C:\CPWIN\DATA1\9P2235B.38R



Multiple Component Data Summary

Sample Name: 5454419 ACF DF500 AMS10 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 20:52:52
Instrument H2601A
Result file 10P2235.26R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 53.4% Conc: 5.323053
%SSR(DCB) 121.7% Conc: 12.18648

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**17.43**	
6.03	6.07	6.09	7024.991211	16664.937807			1
6.14	6.17	6.20	17473.162109	20355.368265			2
6.41	6.44	6.47	25930.869147	25831.901958			3
6.68	6.71	6.74	27385.402344	25149.482567			4
6.77	6.80	6.83	10992.760742	18222.393198			5
6.98	7.02	7.04	15342.145508	23334.728823			6

Height summation: **104149.331055**
Concentration CF: **21593.135436** L:

Analysis Report (B)

Injected on Sep 08, 2008 20:52:52
Instrument H2601B
Result file 10P2235B.26R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 122.1% Conc: 12.180166
%SSR(DCB) 79.6% Conc: 7.969998

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.87**	
5.43	5.46	5.49	8658.567383	16022.029278			1
5.54	5.57	5.60	27737.121094	19226.576836			2
5.74	5.77	5.80	38910.515625	23136.678115			3
6.06	6.09	6.12	28985.089844	25649.77964			4
6.35	6.38	6.41	25058.691406	19605.898825			5
7.51	7.55	7.57	17241.080078	18695.694879			6

Height summation: **146591.06543**
Concentration CF: **20389.442929** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<8500	<1650			4	15	
Aroclor-1221			<8500	<2600			3	5	
Aroclor-1232			<8500	<1650			4	10	
Aroclor-1242			<8500	<1650			4	30	
Aroclor-1248			<8500	<1650			4	30	
Aroclor-1254			<8500	<1650			4	40	
Aroclor-1260	A	21593.135436	8500	1650		5.73	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James H Bellhart Date: 9-9-08
Verified By: A Carey 1151 Date: 9-10-08

ASX04 0718

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454419** ACF DF500 AMS10 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 20:52:52
Instrument : CP02--H2601A
Result file : 10P2235.26R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 53.4% Conc.: 5.323053
%SSR(DCB) : 121.7% Conc.: 12.18648

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	193.93	
3.73	3.75	3.79	21.876959	53.972086			1
4.26	4.28	4.32	95.752274	191.728487			2
4.55	4.56	4.61	187.454376	168.229632			3
4.71	4.75	4.77	139.867462	305.264832			4
5.38	5.42	5.44	2336.376221	6028.959689			6
Height Summation:			**2781.327292**				
Amount Avg CF:			**1349.630945**	Linear:			
Aroclor-1221					1		
3.72	3.75	3.78	21.876959	38.020436			3
Height Summation:			**21.876959**				
Amount Avg CF:			**38.020436**	Linear:			
Aroclor-1232					5	217.58	
3.72	3.75	3.78	21.876959	45.990916			1
4.26	4.28	4.32	95.752274	399.967728			2
4.55	4.56	4.61	187.454376	344.85784			3
4.70	4.75	4.76	139.867462	657.11751			4
5.38	5.42	5.44	2336.376221	65665.436228			6
Height Summation:			**2781.327292**				
Amount Avg CF:			**13422.674044**	Linear:			
Aroclor-1242					5	213.61	
3.73	3.75	3.79	21.876959	64.573804			1
4.26	4.28	4.32	95.752274	239.153489			2
4.55	4.56	4.61	187.454376	212.46104			3
4.71	4.75	4.77	139.867462	390.244307			4
5.38	5.42	5.44	2336.376221	24405.893879			6
Height Summation:			**2781.327292**				
Amount Avg CF:			**5062.465304**	Linear:			
Aroclor-1248					4	64.46	
4.55	4.56	4.61	187.454376	336.746485			1
5.62	5.65	5.68	4438.566895	7144.454878			4
5.96	6.00	6.02	2843.82373	8668.967957			5
6.26	6.29	6.32	1552.049927	6688.947762			6
Height Summation:			**9021.894928**				
Amount Avg CF:			**5709.779271**	Linear:			
Aroclor-1254					6	124.07	
4.82	4.86	4.88	92.758324	200.669785			1
5.61	5.65	5.67	4438.566895	5785.295827			2
5.96	6.00	6.02	2843.82373	2589.4855			3
6.26	6.29	6.32	1552.049927	1872.521495			4
6.52	6.56	6.58	8025.027344	14251.764531			5
6.68	6.71	6.74	27385.40234	29530.535909			6
Height Summation:			**44337.628564**				
Amount Avg CF:			**9038.378841**	Linear:			
Aroclor-1260					6	17.43	
6.03	6.07	6.09	7024.991211	16664.937807			1
6.14	6.17	6.20	17473.16210	20355.368265			2
6.41	6.44	6.47	25930.86914	25831.901958			3
6.68	6.71	6.74	27385.40234	25149.482567			4
6.77	6.80	6.83	10992.76074	18222.393198			5
6.98	7.02	7.04	15342.14550	23334.728823			6
Height Summation:			**104149.334055**				
Amount Avg CF:			**21593.135436**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 20:52:52
Instrument : CP02--H2601B
Result file : 10P2235B.26R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 122.1% Conc.: 12.180166
%SSR(DCB) : 79.6% Conc.: 7.969998

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	156.87	
3.32	3.38	3.38	897.64679	1192.103509			1
3.65	3.66	3.71	38.763638	34.342093			2
+ 3.65	3.68	3.71	38.241779	33.87976			2
3.65	3.70	3.71	92.254135	81.731238			2
4.35	4.38	4.41	58.888535	115.73404			5
Height Summation:			**1087.553098**				
Amount Avg CF:			**355.97772**	Linear:			
Aroclor-1221					2	52.75	
3.14	3.17	3.20	77.337296	184.162728			1
3.23	3.25	3.29	121.531433	403.289972			2
Height Summation:			**198.868729**				
Amount Avg CF:			**293.72635**	Linear:			
Aroclor-1232					3	70.00	
3.65	3.66	3.71	38.763638	64.699878			2
+ 3.65	3.68	3.71	38.241779	63.82885			2
3.65	3.70	3.71	92.254135	153.980163			2
4.34	4.35	4.40	73.202972	307.394692			5
+ 4.34	4.38	4.40	58.888535	247.285357			5
Height Summation:			**204.220745**				
Amount Avg CF:			**175.358244**	Linear:			
Aroclor-1242					3	60.98	
3.65	3.66	3.71	38.763638	43.368506			2
+ 3.65	3.68	3.71	38.241779	42.784654			2
3.65	3.70	3.71	92.254135	103.213326			2
4.35	4.35	4.41	73.202972	173.253271			5
+ 4.35	4.38	4.41	58.888535	139.37455			5
Height Summation:			**204.220745**				
Amount Avg CF:			**106.611701**	Linear:			
Aroclor-1248					4	163.40	
4.14	4.17	4.20	71.337997	332.945013			1
4.35	4.38	4.41	58.888535	103.922313			2
4.52	4.55	4.58	390.897583	395.611372			3
4.87	4.90	4.93	4277.870117	5197.354975			5
Height Summation:			**4798.994232**				
Amount Avg CF:			**1507.458418**	Linear:			
Aroclor-1254					6	148.45	
5.24	5.27	5.30	969.193054	1703.505903			1
5.32	5.35	5.38	1033.39624	1011.895485			2
5.41	5.46	5.47	8658.567383	4660.449752			3
5.64	5.67	5.70	562.222778	429.841421			4
5.94	5.98	6.00	1389.209229	1830.034536			5
6.05	6.09	6.11	28985.08984	18767.237409			6
Height Summation:			**41597.678528**				
Amount Avg CF:			**4733.827418**	Linear:			
Aroclor-1260					6	16.87	
5.43	5.46	5.49	8658.567383	16022.029278			1
5.54	5.57	5.60	27737.12109	19226.576836			2
5.74	5.77	5.80	38910.51562	23136.678115			3
6.06	6.09	6.12	28985.08984	25649.77964			4
6.35	6.38	6.41	25058.69140	19605.898825			5
7.51	7.55	7.57	17241.08007	18695.694879			6
Height Summation:			**146591.065430**				
Amount Avg CF:			**20389.442929**	Linear:			

ASX04 0719

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:34:16

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454419** ACF DF500 AMS10 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 5000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 20:52:52
Instrument : CP02--H2601A
Result file : 10P2235.26R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	44.33	
6.03	6.07	6.09	7024.991211	14127.343756			1
6.13	6.17	6.19	17473.16210	22312.37768			2
6.40	6.44	6.46	25930.86914	30139.542849			3
6.67	6.71	6.73	27385.40234	35271.358589			4
6.76	6.80	6.82	10992.76074	10378.34605			5
6.98	7.02	7.04	15342.14550	17467.229625			6
Height Summation:			**104149.331055**				
Amount Avg CF:			**21616.033092**	Linear:			
Aroclor-1268					5	76.81	
6.76	6.80	6.82	10992.76074	23227.760709			1
7.00	7.02	7.06	15342.14550	26726.986489			2
7.66	7.70	7.72	20120.89453	8970.190569			3
8.01	8.04	8.07	364.836975	197.149668			4
8.51	8.55	8.57	8442.78418	11412.363273			6
Height Summation:			**55263.421936**				
Amount Avg CF:			**14106.890142**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 20:52:52
Instrument : CP02--H2601B
Result file : 10P2235B.26R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	88.09	
6.05	6.09	6.11	28985.08984	47087.810689			1
6.14	6.18	6.20	8700.30957	17189.341506			2
6.44	6.48	6.50	10996.02636	14908.474183			3
6.88	6.92	6.94	9389.397461	6885.641614			4
7.34	7.38	7.40	7220.055176	12528.305644			5
7.86	7.90	7.92	3530.117676	5401.239101			6
Height Summation:			**68820.996094**				
Amount Avg CF:			**17333.46879**	Linear:			
Aroclor-1268					6	158.28	
6.10	6.13	6.16	10220.85937	12549.684191			1
6.35	6.38	6.41	25058.69140	24183.173467			2
6.60	6.64	6.66	64415.45312	142713.12576			3
6.94	6.98	7.00	45834.41015	13527.264941			4
7.16	7.20	7.22	393.515472	114.380613			5
7.51	7.55	7.57	17241.08007	10885.773765			6
Height Summation:			**163164.009612**				
Amount Avg CF:			**33995.567123**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			8500	1650		** 116.52	4	15	
Aroclor-1221			8500	2600		** 154.16	3	5	
Aroclor-1232			8500	1650		** 194.84	4	10	
Aroclor-1242			8500	1650		** 191.75	4	30	
Aroclor-1248			8500	1650		** 116.45	4	30	
Aroclor-1254			8500	1650		** 62.51	4	40	
Aroclor-1260			8500	1650		5.73	4	40	
Aroclor-1262			0	0		21.99	4	40	
Aroclor-1268			0	0		** 82.69	4	40	

Units: _____

ASX04 8720

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:34:16

Sample Name: **5454419ACF DF500 ADAMS10 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 09:02:52pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.26R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.167		0.0000	0.000	411.4	0.069	BB	0.071	96.36	0.040
2	2.241		0.0000	0.000	111.2	0.019	BB	0.033	55.49	0.023
3	2.303		0.0000	0.000	937.8	0.156	BB	0.039	401.07	0.165
4	2.436		0.0000	0.000	755.6	0.126	BB	0.037	344.35	0.142
5	2.541		0.0000	0.000	593.5	0.099	BB	0.054	183.87	0.076
6	2.717		0.0000	0.000	431.5	0.072	BB	0.059	122.49	0.051
7	2.936		0.0000	0.000	116.4	0.019	BB	0.028	68.72	0.028
8	3.043		0.0000	0.000	132.7	0.022	BB	0.057	38.65	0.016
9	3.116		0.0000	0.000	602.3	0.100	BB	0.067	149.65	0.062
10	3.225		0.0000	0.000	146.4	0.024	BB	0.048	51.19	0.021
11	3.352	TCX	159.6916	30.401	165.2	0.028	BB	0.027	101.84	0.042
12	3.403		0.0000	0.000	274.9	0.046	BB	0.048	95.75	0.040
13	3.530		0.0000	0.000	256.9	0.043	BB	0.049	87.01	0.036
14	3.637		0.0000	0.000	132.1	0.022	BB	0.042	51.88	0.021
15	3.751		0.0000	0.000	24.0	0.004	BB	0.018	21.88	0.009
16	3.860		0.0000	0.000	892.6	0.149	BB	0.049	301.35	0.124
17	3.926		0.0000	0.000	31.7	0.005	BB	0.024	21.85	0.009
18	4.101		0.0000	0.000	518.6	0.086	BB	0.078	110.62	0.046
19	4.280		0.0000	0.000	284.8	0.047	BB	0.050	95.75	0.040
20	4.424		0.0000	0.000	299.9	0.050	BB	0.058	85.56	0.035
21	4.562		0.0000	0.000	423.0	0.070	BB	0.038	187.45	0.077
22	4.640		0.0000	0.000	59.8	0.010	BB	0.042	23.66	0.010
23	4.750		0.0000	0.000	505.6	0.084	BB	0.060	139.87	0.058
24	4.857		0.0000	0.000	199.7	0.033	BB	0.036	92.76	0.038
25	5.309		0.0000	0.000	6700.4	1.117	BB	0.385	290.09	0.120
26	5.372		0.0000	0.000	125.3	0.021	BB	0.024	86.56	0.036
27	5.416		0.0000	0.000	5770.0	0.961	BB	0.041	2336.38	0.964
28	5.584		0.0000	0.000	894.6	0.149	BB	0.027	553.97	0.229
29	5.645		0.0000	0.000	10413.5	1.735	BB	0.039	4438.57	1.831
30	5.841		0.0000	0.000	1037.1	0.173	BB	0.059	294.35	0.121
31	5.933		0.0000	0.000	6280.3	1.047	BB	0.039	2664.43	1.099
32	5.999		0.0000	0.000	4932.5	0.822	BB	0.029	2843.82	1.173
33	6.068		0.0000	0.000	20824.7	3.470	BB	0.049	7024.99	2.898
34	6.172		0.0000	0.000	40406.8	6.733	BB	0.039	17473.16	7.209
35	6.291		0.0000	0.000	3244.4	0.541	BB	0.035	1552.05	0.640
36	6.372		0.0000	0.000	9280.7	1.547	BB	0.033	4692.86	1.936
37	6.445		0.0000	0.000	72180.2	12.028	BB	0.046	25930.87	10.698
38	6.563		0.0000	0.000	17823.7	2.970	BB	0.037	8025.03	3.311
39	6.668		0.0000	0.000	1411.2	0.235	BB	0.026	890.69	0.367
40	6.714		0.0000	0.000	60417.7	10.068	BB	0.037	27385.40	11.298
41	6.802		0.0000	0.000	19599.0	3.266	BB	0.030	10992.76	4.535
42	6.858		0.0000	0.000	10141.5	1.690	BB	0.029	5854.35	2.415
43	7.020		0.0000	0.000	39318.2	6.552	BB	0.043	15342.15	6.330
44	7.100		0.0000	0.000	10146.6	1.691	BB	0.029	5931.14	2.447
45	7.153		0.0000	0.000	3917.6	0.653	BB	0.025	2650.88	1.094
46	7.281		0.0000	0.000	7703.7	1.284	BB	0.035	3638.92	1.501
47	7.368		0.0000	0.000	96464.8	16.074	BB	0.041	38779.72	15.999
48	7.560		0.0000	0.000	792.3	0.132	BB	0.054	245.67	0.101
49	7.703		0.0000	0.000	44090.1	7.347	BB	0.037	20120.89	8.301
50	7.798		0.0000	0.000	8944.5	1.490	BB	0.039	3787.02	1.562
51	8.044		0.0000	0.000	1107.8	0.185	BB	0.051	364.84	0.151
52	8.210		0.0000	0.000	12304.3	2.050	BB	0.053	3860.47	1.593
53	8.343		0.0000	0.000	361.2	0.060	BB	0.045	133.25	0.055
54	8.554		0.0000	0.000	22762.4	3.793	BB	0.045	8442.78	3.483
55	8.649		0.0000	0.000	376.7	0.063	BB	0.027	231.60	0.096
56	8.921		0.0000	0.000	1519.0	0.253	BB	0.168	150.52	0.062
57	9.034		0.0000	0.000	4666.1	0.778	BB	0.051	1514.28	0.625
58	9.174		0.0000	0.000	616.3	0.103	BB	0.140	73.35	0.030
59	9.419	DCB	365.5944	69.599	413.0	0.069	BB	0.041	167.17	0.069
60	9.698		0.0000	0.000	12101.1	2.016	BB	0.213	948.16	0.391
61	9.921		0.0000	0.000	32715.4	5.452	BB	0.056	9748.24	4.022

ASX04 8721

Total Area = 600112.4, Total Amount = 525.286, Total Height = 242390.4, Sample Units = ug/l

ASX04 8722

Sample Name: **5454419ACF DF500 ADAMS10 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 09:02:52pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.26R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.060		0.0000	0.000	845.5	0.094	BB	0.029	484.26	0.121
2	2.133		0.0000	0.000	975.6	0.108	BB	0.057	285.60	0.071
3	2.348		0.0000	0.000	597.2	0.066	BB	0.075	132.05	0.033
4	2.399		0.0000	0.000	189.0	0.021	BB	0.035	90.41	0.023
5	2.517		0.0000	0.000	133.5	0.015	BB	0.032	70.05	0.018
6	2.574		0.0000	0.000	682.8	0.076	BB	0.033	348.38	0.087
7	2.683		0.0000	0.000	1367.8	0.152	BB	0.091	249.34	0.062
8	2.835		0.0000	0.000	96.5	0.011	BB	0.028	57.51	0.014
9	2.843		0.0000	0.000	2.1	0.000	BB	0.010	3.45	0.001
10	2.932	TCX	365.4050	60.447	996.5	0.111	BB	0.043	389.33	0.097
11	2.982		0.0000	0.000	95.2	0.011	BB	0.015	106.49	0.027
12	3.066		0.0000	0.000	123.9	0.014	BB	0.027	76.47	0.019
13	3.167		0.0000	0.000	307.0	0.034	BB	0.066	77.34	0.019
14	3.250		0.0000	0.000	228.4	0.025	BB	0.031	121.53	0.030
15	3.379		0.0000	0.000	3036.6	0.338	BB	0.056	897.65	0.225
16	3.533		0.0000	0.000	340.4	0.038	BB	0.071	80.17	0.020
17	3.660		0.0000	0.000	318.4	0.035	BB	0.137	38.76	0.010
18	3.684		0.0000	0.000	17.1	0.002	BB	0.007	38.24	0.010
19	3.701		0.0000	0.000	147.0	0.016	BB	0.027	92.25	0.023
20	3.775		0.0000	0.000	16.9	0.002	BB	0.014	19.92	0.005
21	3.830		0.0000	0.000	963.7	0.107	BB	0.055	289.56	0.072
22	3.966		0.0000	0.000	604.2	0.067	BB	0.090	111.48	0.028
23	4.024		0.0000	0.000	1029.1	0.114	BB	0.042	407.11	0.102
24	4.167		0.0000	0.000	81.9	0.009	BB	0.019	71.34	0.018
25	4.234		0.0000	0.000	1298.8	0.144	BB	0.066	325.97	0.082
26	4.349		0.0000	0.000	121.6	0.014	BB	0.028	73.20	0.018
27	4.383		0.0000	0.000	47.8	0.005	BB	0.014	58.89	0.015
28	4.433		0.0000	0.000	367.0	0.041	BB	0.033	183.91	0.046
29	4.549		0.0000	0.000	1104.6	0.123	BB	0.047	390.90	0.098
30	4.641		0.0000	0.000	324.5	0.036	BB	0.035	153.11	0.038
31	4.756		0.0000	0.000	795.0	0.088	BB	0.076	173.88	0.044
32	4.851		0.0000	0.000	147.5	0.016	BB	0.019	128.08	0.032
33	4.899		0.0000	0.000	9712.9	1.080	BB	0.038	4277.87	1.071
34	4.998		0.0000	0.000	1737.7	0.193	BB	0.027	1073.69	0.269
35	5.051		0.0000	0.000	17763.8	1.975	BB	0.039	7589.02	1.899
36	5.167		0.0000	0.000	6.6	0.001	BB	0.004	25.05	0.006
37	5.268		0.0000	0.000	3845.9	0.428	BB	0.066	969.19	0.243
38	5.351		0.0000	0.000	1589.2	0.177	BB	0.026	1033.40	0.259
39	5.459		0.0000	0.000	18721.3	2.082	BB	0.036	8658.57	2.167
40	5.494		0.0000	0.000	2827.2	0.314	BB	0.026	1816.78	0.455
41	5.574		0.0000	0.000	63102.4	7.017	BB	0.038	27737.12	6.942
42	5.670		0.0000	0.000	561.8	0.062	BB	0.017	562.22	0.141
43	5.708		0.0000	0.000	9188.3	1.022	BB	0.027	5624.77	1.408
44	5.770		0.0000	0.000	91735.9	10.201	BB	0.039	38910.52	9.738
45	5.912		0.0000	0.000	71990.4	8.006	BB	0.038	31604.96	7.910
46	5.982		0.0000	0.000	1423.6	0.158	BB	0.017	1389.21	0.348
47	6.038		0.0000	0.000	7758.7	0.863	BB	0.023	5534.28	1.385
48	6.087		0.0000	0.000	47811.8	5.317	BB	0.027	28985.09	7.254
49	6.128		0.0000	0.000	14125.0	1.571	BB	0.023	10220.86	2.558
50	6.180		0.0000	0.000	13048.3	1.451	BB	0.025	8700.31	2.177
51	6.315		0.0000	0.000	6909.0	0.768	BB	0.034	3433.97	0.859
52	6.384		0.0000	0.000	61617.5	6.852	BB	0.041	25058.69	6.271
53	6.482		0.0000	0.000	17858.2	1.986	BB	0.027	10996.03	2.752
54	6.526		0.0000	0.000	3540.2	0.394	BB	0.019	3100.66	0.776
55	6.560		0.0000	0.000	3017.5	0.336	BB	0.020	2477.57	0.620
56	6.635		0.0000	0.000	153966.8	17.122	BB	0.040	64415.45	16.121
57	6.817		0.0000	0.000	505.4	0.056	BB	0.027	308.60	0.077
58	6.919		0.0000	0.000	16093.4	1.790	BB	0.029	9389.40	2.350
59	6.980		0.0000	0.000	107903.8	11.999	BB	0.039	45834.41	11.471
60	7.200		0.0000	0.000	680.4	0.076	BB	0.029	393.52	0.098
61	7.257		0.0000	0.000	2998.2	0.333	BB	0.044	1140.00	0.285
62	7.375		0.0000	0.000	18320.8	2.037	BB	0.042	7220.06	1.807

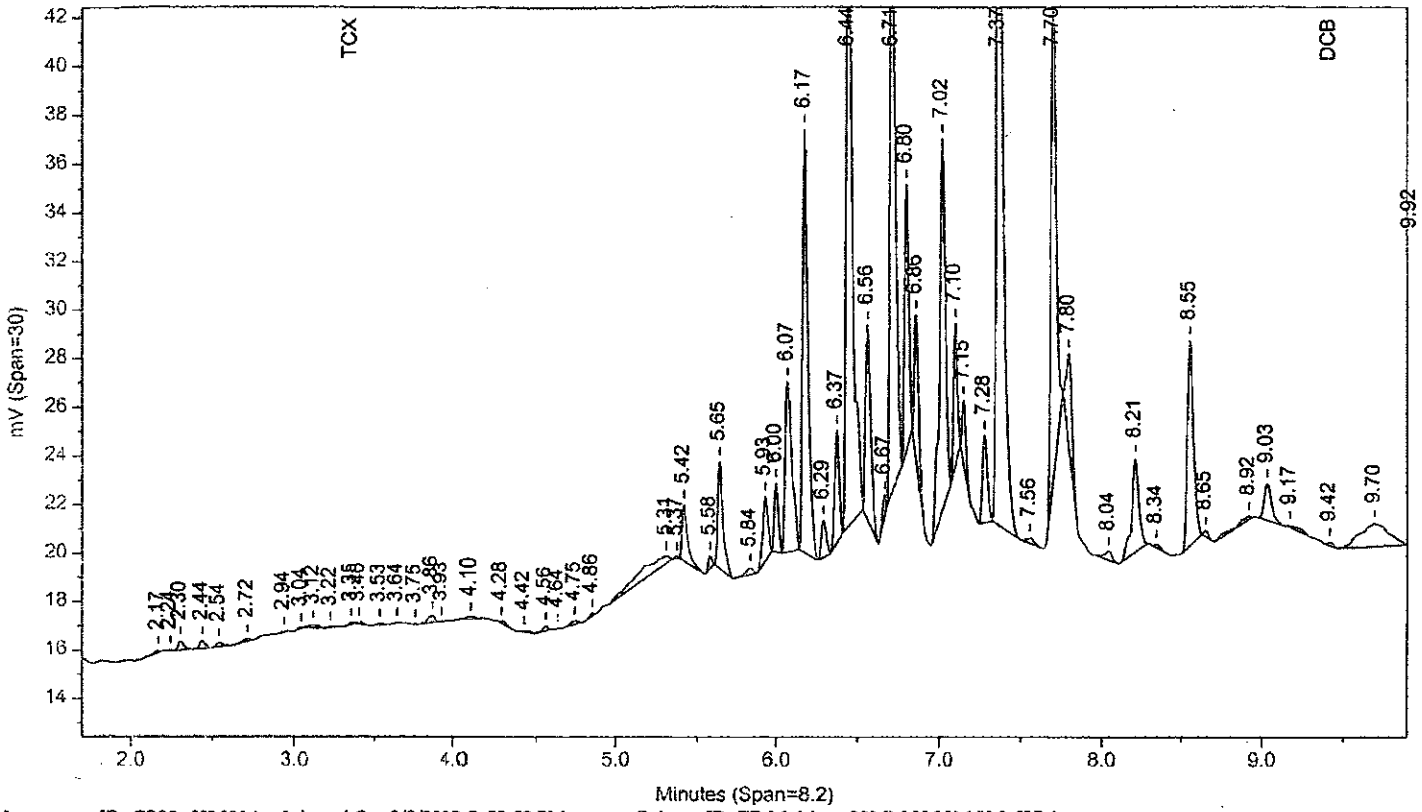
ASX84 8723

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.547		0.0000	0.000	45221.6	5.029	BB	0.044	17241.08	4.315
64	7.750		0.0000	0.000	3367.4	0.374	BB	0.090	626.82	0.157
65	7.902		0.0000	0.000	9333.8	1.038	BB	0.044	3530.12	0.883
66	8.051		0.0000	0.000	38.3	0.004	BB	0.010	63.82	0.016
67	8.067		0.0000	0.000	540.3	0.060	BB	0.054	165.60	0.041
68	8.168		0.0000	0.000	288.7	0.032	BB	0.040	121.66	0.030
69	8.217	DCB	239.0999	39.553	266.3	0.030	BB	0.020	219.94	0.055
70	8.350		0.0000	0.000	211.4	0.024	BB	0.023	153.63	0.038
71	8.400		0.0000	0.000	100.0	0.011	BB	0.018	91.23	0.023
72	8.466		0.0000	0.000	222.9	0.025	BB	0.030	122.44	0.031
73	8.517		0.0000	0.000	113.5	0.013	BB	0.020	94.72	0.024
74	8.601		0.0000	0.000	4122.3	0.458	BB	0.086	797.49	0.200
75	8.816		0.0000	0.000	1398.8	0.156	BB	0.069	338.35	0.085
76	8.883		0.0000	0.000	49.7	0.006	BB	0.013	62.60	0.016
77	8.965		0.0000	0.000	637.6	0.071	BB	0.063	169.67	0.042
78	9.000		0.0000	0.000	290.6	0.032	BB	0.053	90.65	0.023
79	9.184		0.0000	0.000	14.4	0.002	BB	0.007	33.78	0.008
80	9.200		0.0000	0.000	64.0	0.007	BB	0.010	104.38	0.026
81	9.233		0.0000	0.000	1197.2	0.133	BB	0.190	105.21	0.026
82	9.400		0.0000	0.000	144.2	0.016	BB	0.023	103.78	0.026
83	9.500		0.0000	0.000	128.5	0.014	BB	0.025	85.40	0.021
84	9.584		0.0000	0.000	421.8	0.047	BB	0.036	194.59	0.049
85	9.701		0.0000	0.000	186.8	0.021	BB	0.052	59.99	0.015
86	9.727		0.0000	0.000	5427.6	0.604	BB	0.160	564.44	0.141
87	9.933		0.0000	0.000	37699.0	4.192	BB	0.063	9932.58	2.486

Total Area = 899251.7, Total Amount = 604.505, Total Height = 399581.8, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.26R

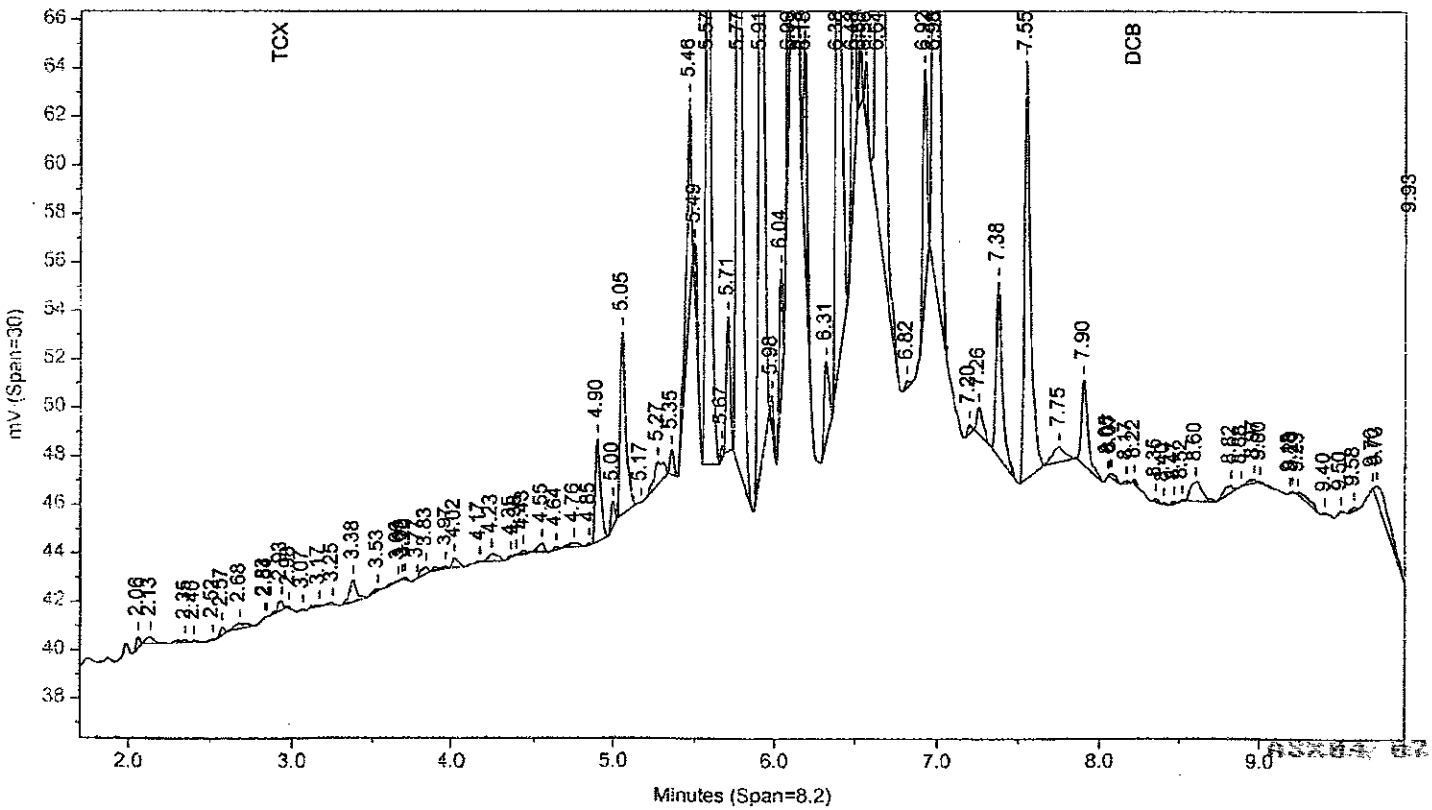
C:\CPWIN\DATA1\10P2235.26R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 8:52:52 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.26R

C:\CPWIN\DATA1\10P2235B.26R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 8:52:52 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 5000

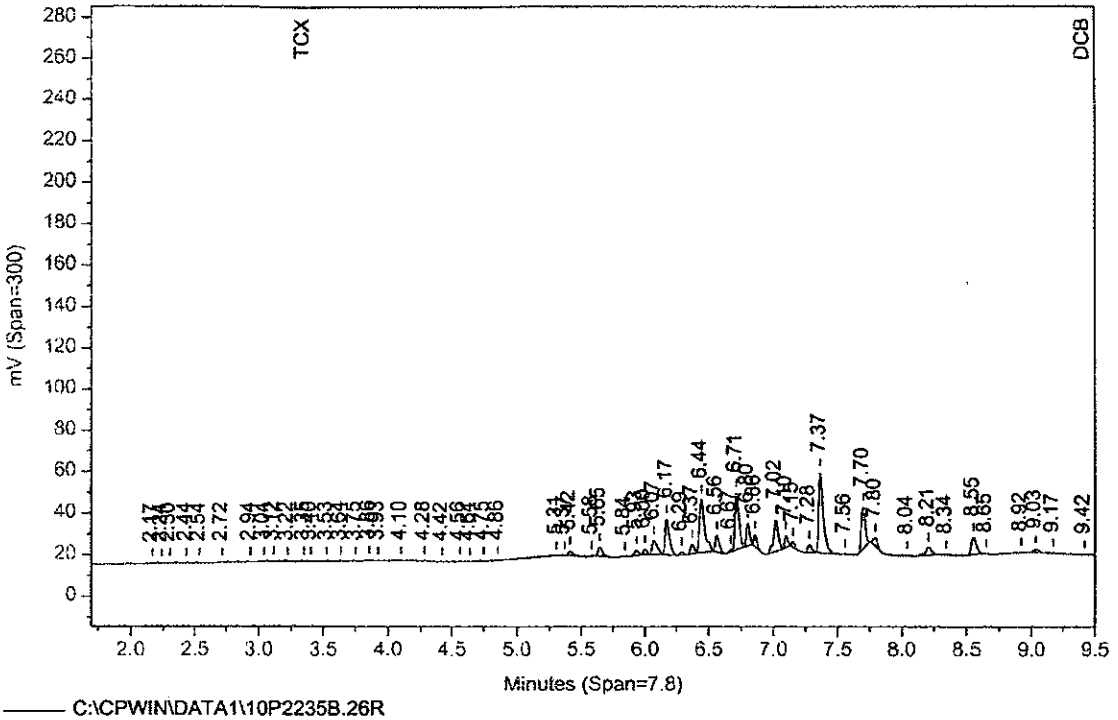
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compoumd B
3.352	102	5.32305	TCX	2.932	389	12.18017	TCX
9.419	167	12.18648	DCB	8.217	220	7.97	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.26A
Area File: C:\CPWIN\DATA1\10P2235B.26A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 9:02:56 PM
File Reported On: 9/8/2008 at 9:03:02 PM

10X REPLOTS

6SX84 8726

C:\CPWIN\DATA1\10P2235.26R



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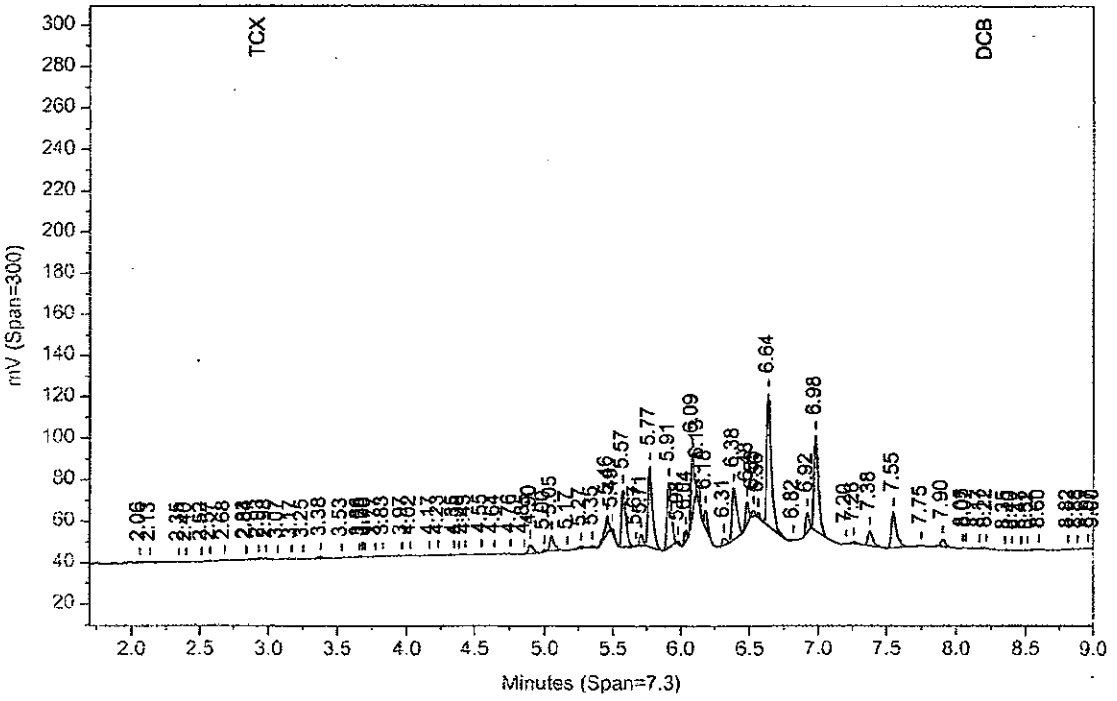

Multiple Component Data Summary

Sample Name: 5454420 ACF DF50 AMS11 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 23:42:37
Instrument H2601A
Result file 9P2235.41R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 74.3% Conc: 7.410244
%SSR(DCB) 102.9% Conc: 10.30483

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**27.80**	
6.03	6.07	6.09	19935.65625	4729.208359			1
6.14	6.17	6.20	51893.449215	6045.329762			2
6.41	6.44	6.47	91674.117181	9132.423578			3
6.68	6.71	6.74	108714.46093	9983.831553			4
6.77	6.80	6.83	45666.574215	7570.02077			5
6.98	7.01	7.04	66373.5	10095.117549			6

Height summation: **384257.757814**
Concentration CF: **7925.988595** L:

Analysis Report (B)

Injected on Sep 05, 2008 23:42:37
Instrument H2601B
Result file 9P2235B.41R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 91.9% Conc: 9.163913
%SSR(DCB) 130.6% Conc: 13.08347

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**27.42**	
5.43	5.46	5.49	24886.259768	4605.015645			1
5.54	5.57	5.60	80845.085938	5603.949492			2
5.74	5.77	5.80	130790.9375	7776.992344			3
6.06	6.08	6.12	109800.7343	9716.597934			4
6.35	6.38	6.41	98839.078125	7733.161059			5
7.51	7.54	7.57	87822.101563	9523.157523			6

Height summation: **532984.197267**
Concentration CF: **7493.145666** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<850	<165			4	15	
Aroclor-1221			<850	<260			3	5	
Aroclor-1232			<850	<165			4	10	
Aroclor-1242			<850	<165			4	30	
Aroclor-1248			<850	<165			4	30	
Aroclor-1254			<850	<165			4	40	
Aroclor-1260	A	7925.988595	850	165		5.61	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9/8/08
Verified By: [signature] Date: 9.8.08

ASX04 8728

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454420** ACF DF50 AMS11 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 23:42:37
Instrument : CP02--H2601A
Result file : 9P2235.41R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 74.3% Conc.: 7.410244
%SSR(DCB) : 102.9% Conc.: 10.304838

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	192.72	
3.73	3.75	3.79	28.433582	7.014776			1
4.55	4.56	4.61	81.761307	7.337612			3
4.71	4.76	4.77	71.506638	15.606533			4
5.38	5.41	5.44	4131.084473	1066.01589			6
Height Summation:			4312.786000				
Amount Avg CF:			273.993703	Linear:			
Aroclor-1221					2	105.82	
3.65	3.65	3.71	57.708252	34.313386			2
3.72	3.75	3.78	28.433582	4.941533			3
Height Summation:			86.141834				
Amount Avg CF:			19.62746	Linear:			
Aroclor-1232					3	172.74	
3.72	3.75	3.78	28.433582	5.97746			1
4.55	4.56	4.61	81.761307	15.041541			3
E 5.38	5.41	5.44	4131.084473	11610.692729			6
Height Summation:			4241.279362				
Amount Avg CF:			3877.237243	Linear:			
Aroclor-1242					4	197.70	
3.73	3.75	3.79	28.433582	8.392686			1
4.55	4.56	4.61	81.761307	9.266837			3
4.71	4.76	4.77	71.506638	19.951072			4
E 5.38	5.41	5.44	4131.084473	4315.349914			6
Height Summation:			4312.786000				
Amount Avg CF:			1088.240127	Linear:			
Aroclor-1248					4	80.03	
4.55	4.56	4.61	81.761307	14.687751			1
5.62	5.64	5.68	8056.490723	1296.797723			4
5.96	6.00	6.02	9443.9375	2878.841987			5
6.26	6.29	6.32	7432.038574	3203.023106			6
Height Summation:			25014.228104				
Amount Avg CF:			1848.337642	Linear:			
Aroclor-1254					5	118.07	
5.61	5.64	5.67	8056.490723	1050.095296			2
5.96	6.00	6.02	9443.9375	859.931611			3
6.26	6.29	6.32	7432.038574	896.662648			4
6.52	6.56	6.58	31542.12109	5601.61185			5
6.68	6.71	6.74	108714.4609	11723.02036			6
Height Summation:			165189.048829				
Amount Avg CF:			4026.264353	Linear:			
Aroclor-1260					6	27.80	
6.03	6.07	6.09	19935.65625	4729.208359			1
6.14	6.17	6.20	51893.44921	6045.329762			2
6.41	6.44	6.47	91674.11718	9132.423578			3
6.68	6.71	6.74	108714.4609	9983.831553			4
6.77	6.80	6.83	45666.57421	7570.02077			5
6.98	7.01	7.04	66373.5	10095.117549			6
Height Summation:			384257.757814				
Amount Avg CF:			7925.988595	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 23:42:37
Instrument : CP02--H2601B
Result file : 9P2235B.41R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 91.9% Conc.: 9.163913
%SSR(DCB) : 130.6% Conc.: 13.083472

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	99.55	
3.65	3.68	3.71	34.906128	3.092459			2
+ 3.84	3.85	3.90	37.464458	4.399232			3
3.84	3.88	3.90	165.751999	19.463287			3
4.08	4.12	4.14	173.399628	9.090872			4
4.66	4.68	4.72	302.318237	47.604553			6
Height Summation:			676.375992				
Amount Avg CF:			19.812793	Linear:			
Aroclor-1221					1		
3.14	3.17	3.20	988.72113	235.443428			1
Height Summation:			988.721130				
Amount Avg CF:			235.443428	Linear:			
Aroclor-1232					5	93.29	
3.65	3.68	3.71	34.906128	5.826136			2
+ 3.83	3.85	3.89	37.464458	8.968797			3
3.83	3.88	3.89	165.751999	39.680168			3
4.07	4.12	4.13	173.399628	17.549149			4
4.34	4.35	4.40	320.143311	134.434917			5
4.65	4.68	4.71	302.318237	94.048293			6
Height Summation:			996.519303				
Amount Avg CF:			58.307733	Linear:			
Aroclor-1242					4	104.45	
3.65	3.68	3.71	34.906128	3.905275			2
+ 3.84	3.85	3.90	37.464458	5.427508			3
3.84	3.88	3.90	165.751999	24.012633			3
4.08	4.12	4.14	173.399628	11.514149			4
4.66	4.68	4.72	302.318237	65.233523			6
Height Summation:			676.375992				
Amount Avg CF:			26.166395	Linear:			
Aroclor-1248					2	127.97	
4.66	4.68	4.72	302.318237	42.984597			4
4.87	4.90	4.93	7087.960938	861.144636			5
Height Summation:			7390.279175				
Amount Avg CF:			452.064617	Linear:			
Aroclor-1254					6	159.61	
5.24	5.27	5.30	738.926392	129.877682			1
5.32	5.35	5.38	2963.705078	290.204248			2
5.41	5.46	5.47	24886.25976	1339.495993			3
5.64	5.67	5.70	3510.508789	268.3922			4
5.94	5.98	6.00	7609.20459	1002.376525			5
6.05	6.08	6.11	109800.7343	7109.367129			6
Height Summation:			149509.338990				
Amount Avg CF:			1689.952296	Linear:			
Aroclor-1260					6	27.42	
5.43	5.46	5.49	24886.25976	4605.015645			1
5.54	5.57	5.60	80845.08593	5603.949492			2
5.74	5.77	5.80	130790.9375	7776.992344			3
6.06	6.08	6.12	109800.7343	9716.597934			4
6.35	6.38	6.41	98839.07812	7733.161059			5
7.51	7.54	7.57	87822.10156	9523.157523			6
Height Summation:			532984.197267				
Amount Avg CF:			7493.145666	Linear:			

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:08:40

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454420** ACF DF50 AMS11 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 23:42:37
Instrument : CP02--H2601A
Result file : 9P2235.41R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	49.13	
6.03	6.07	6.09	19935.65625	4009.084999			1
6.13	6.17	6.19	51893.44921	6626.540925			2
6.40	6.44	6.46	91674.11718	10655.315748			3
E 6.67	6.71	6.73	108714.4609	14002.009857			4
6.76	6.80	6.82	45666.57421	4311.414769			5
6.98	7.01	7.04	66373.5	7556.708186			6
Height Summation:			**384257.757814**				
Amount Avg CF:			**7860.179081**	Linear:			
Aroclor-1268					6	89.30	
6.76	6.80	6.82	45666.57421	9649.37092			1
7.00	7.01	7.06	66373.5	11562.682917			2
7.66	7.70	7.72	99898.17187	4453.607358			3
8.01	8.05	8.07	1403.542847	75.844288			4
8.14	8.16	8.20	1019.104797	218.509894			5
8.51	8.55	8.57	43525.56640	5883.480673			6
Height Summation:			**257886.460144**				
Amount Avg CF:			**5307.249342**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 23:42:37
Instrument : CP02--H2601B
Result file : 9P2235B.41R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	77.88	
E 6.05	6.08	6.11	109800.7343	17837.709738			1
6.14	6.18	6.20	33331.98437	6585.453746			2
6.44	6.48	6.50	44686.83984	6058.666794			3
6.88	6.92	6.94	44293.74609	3248.247426			4
7.34	7.37	7.40	34896.85546	6055.334214			5
7.86	7.90	7.92	17604.52343	2693.571407			6
Height Summation:			**284614.683595**				
Amount Avg CF:			**7079.830554**	Linear:			
Aroclor-1268					6	158.89	
6.10	6.12	6.16	37791.63281	4640.246377			1
6.35	6.38	6.41	98839.07812	9538.576987			2
E 6.60	6.63	6.66	276869.875	61340.817107			3
6.94	6.98	7.00	209486.8437	6182.656278			4
7.16	7.19	7.22	2441.317871	70.960217			5
7.51	7.54	7.57	87822.10156	5544.963105			6
Height Summation:			**713250.849122**				
Amount Avg CF:			**14553.036679**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 173.03	4	15	
Aroclor-1221			850	260		** 169.22	3	5	
Aroclor-1232			850	165	E	** 194.07	4	10	
Aroclor-1242			850	165	E	** 190.61	4	30	
Aroclor-1248			850	165		** 121.39	4	30	
Aroclor-1254			850	165		** 81.74	4	40	
Aroclor-1260			850	165		5.61	4	40	
Aroclor-1262			0	0	E	10.45	4	40	
Aroclor-1268			0	0		** 93.11	4	40	

Units: _____

ASX04 0730

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:08:40

Sample Name: **5454420ACF DF50 ACAMS11 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 11:52:37pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.41R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.099		0.0000	0.000	509.6	0.023	BB	0.034	253.15	0.027
2	2.206		0.0000	0.000	248.5	0.011	BB	0.062	66.62	0.007
3	2.300		0.0000	0.000	5070.8	0.229	BB	0.037	2290.33	0.246
4	2.401		0.0000	0.000	2608.1	0.118	BB	0.046	936.33	0.101
5	2.537		0.0000	0.000	824.0	0.037	BB	0.044	314.32	0.034
6	2.636		0.0000	0.000	17.1	0.001	BB	0.021	13.41	0.001
7	2.810		0.0000	0.000	1005.3	0.045	BB	0.115	145.18	0.016
8	2.928		0.0000	0.000	2660.2	0.120	BB	0.042	1052.35	0.113
9	3.029		0.0000	0.000	65.3	0.003	BB	0.036	30.11	0.003
10	3.126		0.0000	0.000	1137.5	0.051	BB	0.070	270.01	0.029
11	3.228		0.0000	0.000	135.2	0.006	BB	0.038	58.65	0.006
12	3.352	TCX	222.3073	41.830	3596.6	0.163	BB	0.042	1417.75	0.152
13	3.526		0.0000	0.000	999.3	0.045	BB	0.035	474.54	0.051
14	3.647		0.0000	0.000	175.4	0.008	BB	0.051	57.71	0.006
15	3.754		0.0000	0.000	63.8	0.003	BB	0.037	28.43	0.003
16	3.837		0.0000	0.000	6666.0	0.301	BB	0.046	2416.14	0.259
17	4.033		0.0000	0.000	94.4	0.004	BB	0.041	38.09	0.004
18	4.096		0.0000	0.000	345.7	0.016	BB	0.066	87.35	0.009
19	4.243		0.0000	0.000	142.3	0.006	BB	0.031	76.65	0.008
20	4.565		0.0000	0.000	173.0	0.008	BB	0.035	81.76	0.009
21	4.644		0.0000	0.000	127.5	0.006	BB	0.045	47.13	0.005
22	4.764		0.0000	0.000	200.4	0.009	BB	0.047	71.51	0.008
23	5.282		0.0000	0.000	4028.6	0.182	BB	0.485	138.30	0.015
24	5.321		0.0000	0.000	56.7	0.003	BB	0.023	40.89	0.004
25	5.366		0.0000	0.000	130.2	0.006	BB	0.025	88.03	0.009
26	5.415		0.0000	0.000	10783.4	0.488	BB	0.044	4131.08	0.444
27	5.582		0.0000	0.000	1941.7	0.088	BB	0.027	1191.54	0.128
28	5.644		0.0000	0.000	18980.9	0.858	BB	0.039	8056.49	0.865
29	5.745		0.0000	0.000	261.2	0.012	BB	0.021	203.19	0.022
30	5.840		0.0000	0.000	1550.8	0.070	BB	0.032	819.52	0.088
31	5.931		0.0000	0.000	14683.0	0.664	BB	0.039	6212.01	0.667
32	5.996		0.0000	0.000	16386.9	0.741	BB	0.029	9443.94	1.014
33	6.067		0.0000	0.000	60335.9	2.728	BB	0.050	19935.66	2.141
34	6.168		0.0000	0.000	120876.1	5.465	BB	0.039	51893.45	5.573
35	6.290		0.0000	0.000	15997.0	0.723	BB	0.036	7432.04	0.798
36	6.370		0.0000	0.000	25102.7	1.135	BB	0.031	13422.95	1.442
37	6.440		0.0000	0.000	256067.5	11.578	BB	0.047	91674.12	9.845
38	6.558		0.0000	0.000	68843.7	3.113	BB	0.036	31542.12	3.387
39	6.664		0.0000	0.000	8105.7	0.366	BB	0.025	5350.48	0.575
40	6.709		0.0000	0.000	245772.2	11.113	BB	0.038	108714.50	11.675
41	6.798		0.0000	0.000	76145.6	3.443	BB	0.028	45666.57	4.904
42	6.855		0.0000	0.000	41891.8	1.894	BB	0.029	24297.80	2.609
43	7.015		0.0000	0.000	174152.7	7.874	BB	0.044	66373.50	7.128
44	7.097		0.0000	0.000	43116.2	1.949	BB	0.028	25660.06	2.756
45	7.148		0.0000	0.000	17543.0	0.793	BB	0.025	11468.50	1.232
46	7.280		0.0000	0.000	35583.1	1.609	BB	0.034	17251.17	1.853
47	7.364		0.0000	0.000	443527.3	20.054	BB	0.043	172447.10	18.520
48	7.556		0.0000	0.000	1260.7	0.057	BB	0.042	500.42	0.054
49	7.701		0.0000	0.000	220355.8	9.963	BB	0.037	99898.17	10.728
50	7.794		0.0000	0.000	34811.3	1.574	BB	0.035	16778.93	1.802
51	8.047		0.0000	0.000	4848.1	0.219	BB	0.058	1403.54	0.151
52	8.165		0.0000	0.000	1941.6	0.088	BB	0.032	1019.10	0.109
53	8.210		0.0000	0.000	37684.7	1.704	BB	0.039	16114.26	1.731
54	8.432		0.0000	0.000	37.7	0.002	BB	0.026	24.45	0.003
55	8.548		0.0000	0.000	116494.6	5.267	BB	0.045	43525.57	4.674
56	8.648		0.0000	0.000	3186.2	0.144	BB	0.035	1503.54	0.161
57	8.763		0.0000	0.000	159.8	0.007	BB	0.035	77.10	0.008
58	8.822		0.0000	0.000	117.8	0.005	BB	0.038	51.57	0.006
59	9.030		0.0000	0.000	23915.8	1.081	BB	0.049	8108.55	0.871
60	9.182		0.0000	0.000	549.0	0.025	BB	0.064	143.79	0.015
61	9.353		0.0000	0.000	84.0	0.004	BB	0.027	52.41	0.006
62	9.426	DCB	309.1451	58.170	3863.9	0.175	BB	0.046	1413.59	0.152

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.530		0.0000	0.000	58.9	0.003	BB	0.022	44.59	0.005
64	9.573		0.0000	0.000	146.7	0.007	BB	0.029	84.27	0.009
65	9.654		0.0000	0.000	219.8	0.010	BB	0.052	70.61	0.008
66	9.778		0.0000	0.000	251.1	0.011	BB	0.048	87.55	0.009
67	9.946		0.0000	0.000	32939.4	1.489	BB	0.084	6572.39	0.706

Total Area = 2211657.0, Total Amount = 531.452, Total Height = 931156.9, Sample Units = ug/l

Sample Name: **5454420ACF DF50 ACAMS11 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 11:52:37pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.41R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.057		0.0000	0.000	11575.2	0.346	BB	0.046	4207.89	0.279
2	2.233		0.0000	0.000	5872.3	0.176	BB	0.054	1808.31	0.120
3	2.411		0.0000	0.000	384.5	0.012	BB	0.041	155.10	0.010
4	2.500		0.0000	0.000	457.2	0.014	BB	0.029	264.91	0.018
5	2.569		0.0000	0.000	4621.2	0.138	BB	0.039	1998.38	0.132
6	2.749		0.0000	0.000	647.0	0.019	BB	0.041	260.74	0.017
7	2.824		0.0000	0.000	1345.3	0.040	BB	0.045	494.36	0.033
8	2.922	TCX	274.9174	41.191	7402.9	0.221	BB	0.042	2929.15	0.194
9	3.077		0.0000	0.000	47.4	0.001	BB	0.021	37.26	0.002
10	3.171		0.0000	0.000	2270.1	0.068	BB	0.038	988.72	0.065
11	3.380		0.0000	0.000	13448.7	0.402	BB	0.039	5820.60	0.385
12	3.481		0.0000	0.000	17.4	0.001	BB	0.009	32.69	0.002
13	3.567		0.0000	0.000	351.1	0.011	BB	0.072	81.19	0.005
14	3.633		0.0000	0.000	68.4	0.002	BB	0.040	28.85	0.002
15	3.681		0.0000	0.000	100.5	0.003	BB	0.048	34.91	0.002
16	3.766		0.0000	0.000	28.1	0.001	BB	0.016	28.95	0.002
17	3.801		0.0000	0.000	54.0	0.002	BB	0.016	55.54	0.004
18	3.849		0.0000	0.000	104.1	0.003	BB	0.046	37.46	0.002
19	3.882		0.0000	0.000	306.1	0.009	BB	0.031	165.75	0.011
20	3.995		0.0000	0.000	93.1	0.003	BB	0.087	17.80	0.001
21	4.024		0.0000	0.000	831.5	0.025	BB	0.040	350.75	0.023
22	4.116		0.0000	0.000	496.5	0.015	BB	0.048	173.40	0.011
23	4.241		0.0000	0.000	313.0	0.009	BB	0.032	163.36	0.011
24	4.299		0.0000	0.000	201.1	0.006	BB	0.035	95.40	0.006
25	4.348		0.0000	0.000	815.0	0.024	BB	0.042	320.14	0.021
26	4.466		0.0000	0.000	1847.6	0.055	BB	0.082	373.95	0.025
27	4.683		0.0000	0.000	1305.4	0.039	BB	0.072	302.32	0.020
28	4.766		0.0000	0.000	92.8	0.003	BB	0.021	73.74	0.005
29	4.828		0.0000	0.000	223.0	0.007	BB	0.034	109.86	0.007
30	4.898		0.0000	0.000	15660.1	0.469	BB	0.037	7087.96	0.469
31	4.996		0.0000	0.000	2763.0	0.083	BB	0.026	1753.72	0.116
32	5.050		0.0000	0.000	37350.1	1.117	BB	0.045	13735.32	0.909
33	5.267		0.0000	0.000	994.7	0.030	BB	0.022	738.93	0.049
34	5.301		0.0000	0.000	703.3	0.021	BB	0.024	488.31	0.032
35	5.350		0.0000	0.000	4376.7	0.131	BB	0.025	2963.71	0.196
36	5.456		0.0000	0.000	49733.6	1.488	BB	0.033	24886.26	1.648
37	5.493		0.0000	0.000	10538.7	0.315	BB	0.025	7155.22	0.474
38	5.572		0.0000	0.000	185024.8	5.536	BB	0.038	80845.09	5.353
39	5.668		0.0000	0.000	3931.7	0.118	BB	0.019	3510.51	0.232
40	5.707		0.0000	0.000	32231.2	0.964	BB	0.026	20296.52	1.344
41	5.766		0.0000	0.000	312596.6	9.352	BB	0.040	130790.90	8.659
42	5.909		0.0000	0.000	214879.1	6.429	BB	0.036	100353.10	6.644
43	5.979		0.0000	0.000	9387.5	0.281	BB	0.021	7609.20	0.504
44	6.035		0.0000	0.000	32834.0	0.982	BB	0.023	23768.12	1.574
45	6.084		0.0000	0.000	176867.1	5.292	BB	0.027	109800.70	7.270
46	6.124		0.0000	0.000	49317.0	1.476	BB	0.022	37791.63	2.502
47	6.177		0.0000	0.000	50485.4	1.510	BB	0.025	33331.98	2.207
48	6.312		0.0000	0.000	32158.9	0.962	BB	0.036	14941.09	0.989
49	6.381		0.0000	0.000	246961.1	7.389	BB	0.042	98839.08	6.544
50	6.477		0.0000	0.000	70208.0	2.101	BB	0.026	44686.84	2.959
51	6.520		0.0000	0.000	14488.0	0.433	BB	0.018	13151.04	0.871
52	6.557		0.0000	0.000	15414.0	0.461	BB	0.021	12514.32	0.829
53	6.631		0.0000	0.000	690189.4	20.650	BB	0.042	276869.90	18.331
54	6.810		0.0000	0.000	576.7	0.017	BB	0.020	487.91	0.032
55	6.917		0.0000	0.000	71358.1	2.135	BB	0.027	44293.75	2.933
56	6.976		0.0000	0.000	505118.2	15.113	BB	0.040	209486.80	13.870
57	7.193		0.0000	0.000	4178.2	0.125	BB	0.029	2441.32	0.162
58	7.258		0.0000	0.000	16230.8	0.486	BB	0.040	6757.49	0.447
59	7.374		0.0000	0.000	82202.3	2.459	BB	0.039	34896.86	2.310
60	7.544		0.0000	0.000	232987.1	6.971	BB	0.044	87822.10	5.814
61	7.733		0.0000	0.000	908.3	0.027	BB	0.072	211.32	0.014
62	7.899		0.0000	0.000	45844.8	1.372	BB	0.043	17604.52	1.166

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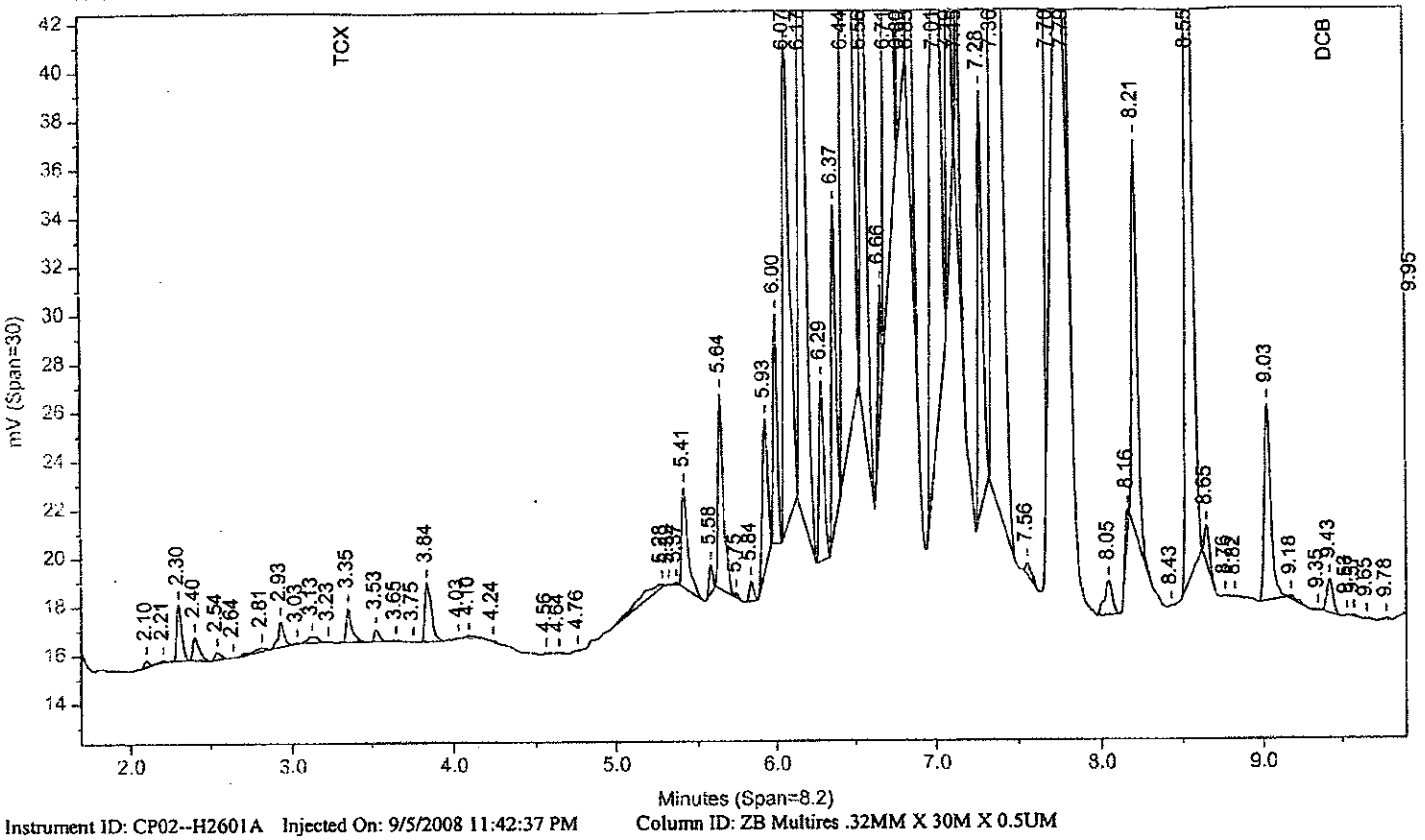
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.066		0.0000	0.000	396.4	0.012	BB	0.028	236.98	0.016
64	8.219	DCB	392.5042	58.809	11696.1	0.350	BB	0.054	3610.47	0.239
65	8.399		0.0000	0.000	51.9	0.002	BB	0.014	60.18	0.004
66	8.451		0.0000	0.000	626.4	0.019	BB	0.043	244.15	0.016
67	8.516		0.0000	0.000	307.9	0.009	BB	0.025	207.42	0.014
68	8.599		0.0000	0.000	3018.5	0.090	BB	0.076	664.79	0.044
69	8.767		0.0000	0.000	115.9	0.003	BB	0.017	111.26	0.007
70	8.833		0.0000	0.000	125.8	0.004	BB	0.043	48.64	0.003
71	8.916		0.0000	0.000	5458.7	0.163	BB	0.130	701.48	0.046
72	9.183		0.0000	0.000	75.2	0.002	BB	0.018	68.13	0.005
73	9.233		0.0000	0.000	289.2	0.009	BB	0.035	136.10	0.009
74	9.467		0.0000	0.000	18.9	0.001	BB	0.010	32.20	0.002
75	9.500		0.0000	0.000	59.8	0.002	BB	0.020	48.96	0.003
76	9.516		0.0000	0.000	241.5	0.007	BB	0.036	113.28	0.008
77	9.616		0.0000	0.000	89.0	0.003	BB	0.020	74.63	0.005
78	9.716		0.0000	0.000	8463.3	0.253	BB	0.176	802.04	0.053
79	9.932		0.0000	0.000	37533.4	1.123	BB	0.063	9929.18	0.657

Total Area = 3342387.0, Total Amount = 667.422, Total Height = 1510413.0, Sample Units = ug/l

ASX84 0734

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.41R

C:\CPWIN\DATA1\9P2235.41R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 11:42:37 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.41R

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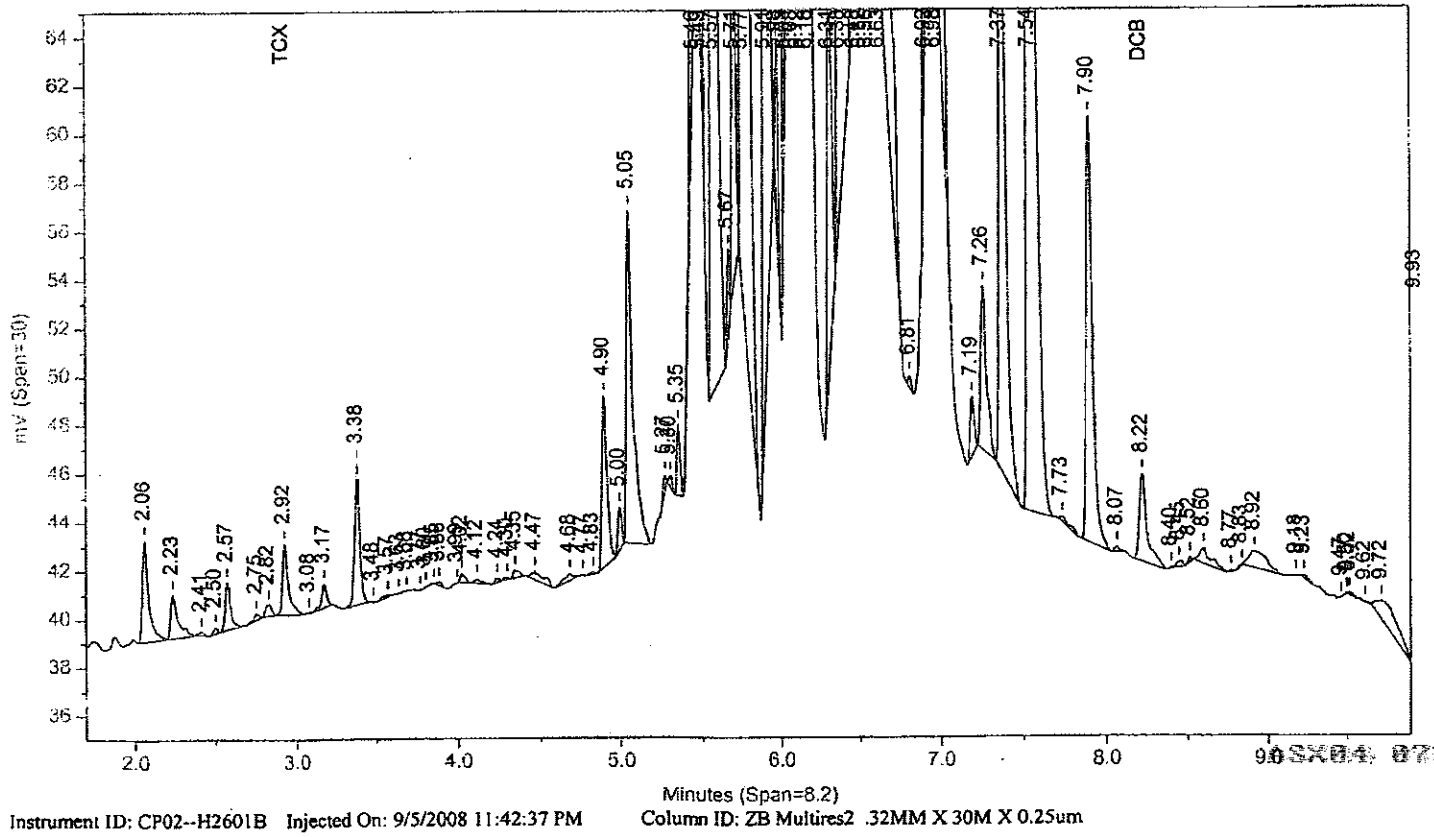


Instrument ID: CP02--H2601B Injected On: 9/5/2008 11:42:37 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 500

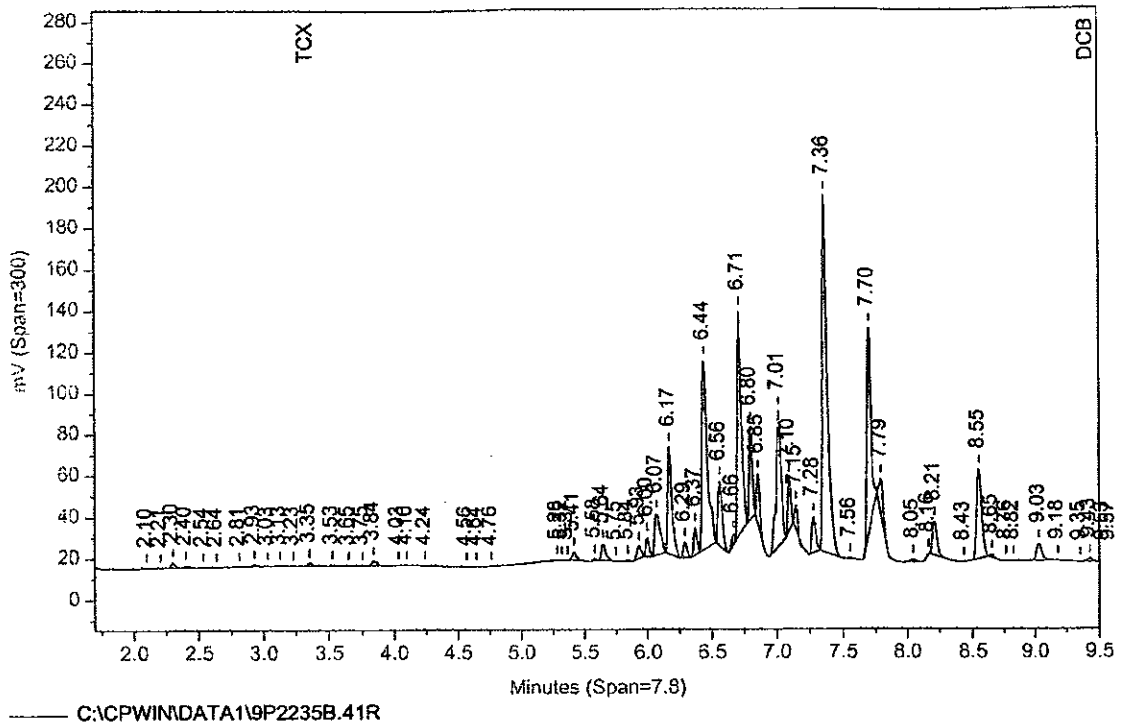
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	1418	7.41024	TCX	2.922	2929	9.16391	TCX
9.426	1414	10.30484	DCB	8.219	3610	13.08347	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.41A
Area File: C:\CPWIN\DATA1\9P2235B.41A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 11:52:42 PM
File Reported On: 9/5/2008 at 11:52:48 PM

10X REPLOTS

ASX04 8736

C:\CPWIN\DATA1\9P2235.41R



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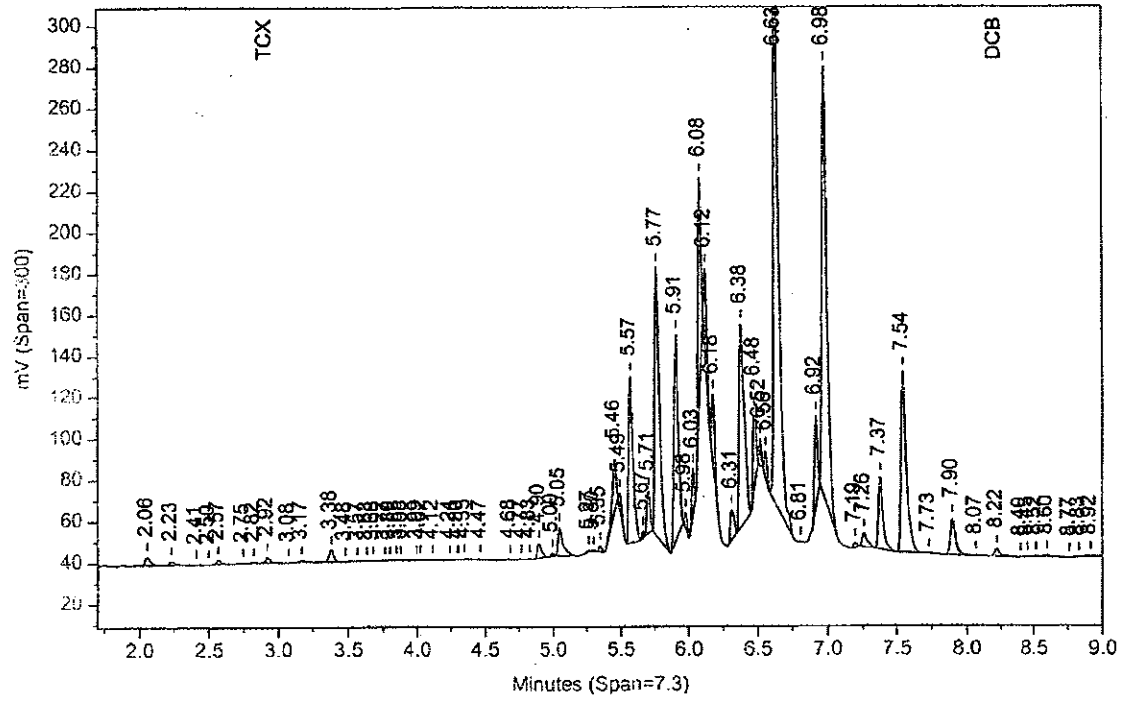


Multiple Component Data Summary

Sample Name: 5454421 ACF DF100 AMS12 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 23:57:02
Instrument H2601A
Result file 9P2235.42R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 54.9% Conc: 5.472487
%SSR(DCB) 105.4% Conc: 10.55853

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**26.20**	
6.03	6.07	6.09	20937.23046	9933.610823			1
6.14	6.17	6.20	54261.125	12642.304524			2
6.41	6.44	6.47	91717.75781	18273.541969			3
6.68	6.71	6.74	104246.4765	19147.025207			4
6.77	6.80	6.83	43744.59375	14502.838846			5
6.98	7.02	7.04	67625.65625	20571.130019			6

Height summation: **382532.839845**
Concentration CF: **15845.075231** L:

Analysis Report (B)

Injected on Sep 05, 2008 23:57:02
Instrument H2601B
Result file 9P2235B.42R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 95.9% Conc: 9.569215
%SSR(DCB) 138.7% Conc: 13.88964

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**26.13**	
5.43	5.46	5.49	24948.54492	9233.082091			1
5.54	5.58	5.60	84533.08593	11719.182149			2
5.74	5.77	5.80	129820.8593	15438.620577			3
6.06	6.09	6.12	108308.9218	19169.1659			4
6.35	6.38	6.41	101334.1718	15856.753963			5
7.51	7.55	7.57	87017.82031	18871.887495			6

Height summation: **535963.404298**
Concentration CF: **15048.115363** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<1700	<330			4	15	
Aroclor-1221			<1700	<520			3	5	
Aroclor-1232			<1700	<330			4	10	
Aroclor-1242			<1700	<330			4	30	
Aroclor-1248			<1700	<330			4	30	
Aroclor-1254			<1700	<330			4	40	
Aroclor-1260	A	15845.075231	1700	330		5.16	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08
Verified By: [signature] Date: 9.8.08

ASX84 6730

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454421** ACF DF100 AMS12 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 23:57:02
Instrument : CP02--H2601A
Result file : 9P2235.42R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 54.9% Conc.: 5.472487
%SSR(DCB) : 105.4% Conc.: 10.558537

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	202.77	
3.73	3.75	3.79	50.475368	24.905298			1
4.55	4.56	4.61	325.564117	58.435053			3
4.71	4.74	4.77	131.948898	57.596467			4
5.14	5.20	5.20	137.305695	76.16365			5
5.38	5.41	5.44	5214.298828	2691.073224			6
Height Summation:			**5859.592906**				
Amount Avg CF:			**581.634738**	Linear:			
Aroclor-1221					1		
3.72	3.75	3.78	50.475368	17.544445			3
Height Summation:			**50.475368**				
Amount Avg CF:			**17.544445**	Linear:			
Aroclor-1232					4	197.61	
3.72	3.75	3.78	50.475368	21.222405			1
4.55	4.56	4.61	325.564117	119.787375			3
4.70	4.74	4.76	131.948898	123.982991			4
E 5.38	5.41	5.44	5214.298828	29310.28009			6
Height Summation:			**5722.287211**				
Amount Avg CF:			**7393.818215**	Linear:			
Aroclor-1242					5	216.86	
3.73	3.75	3.79	50.475368	29.797437			1
4.55	4.56	4.61	325.564117	73.798961			3
4.71	4.74	4.77	131.948898	73.630143			4
5.14	5.20	5.20	137.305695	92.266032			5
E 5.38	5.41	5.44	5214.298828	10893.761262			6
Height Summation:			**5859.592906**				
Amount Avg CF:			**2232.650767**	Linear:			
Aroclor-1248					4	74.06	
4.55	4.56	4.61	325.564117	116.969872			1
5.62	5.65	5.68	8531.005859	2746.354301			4
5.96	6.00	6.02	9260.520508	5645.860164			5
6.26	6.29	6.32	5073.660156	4373.241756			6
Height Summation:			**23190.750640**				
Amount Avg CF:			**3220.606523**	Linear:			
Aroclor-1254					6	137.07	
4.82	4.85	4.88	153.70076	66.502061			1
5.61	5.65	5.67	8531.005859	2223.888645			2
5.96	6.00	6.02	9260.520508	1686.460615			3
6.26	6.29	6.32	5073.660156	1224.256712			4
6.52	6.56	6.58	29942.67382	10635.127297			5
6.68	6.71	6.74	104246.4765	22482.447261			6
Height Summation:			**157208.037674**				
Amount Avg CF:			**6386.447099**	Linear:			
Aroclor-1260					6	26.20	
6.03	6.07	6.09	20937.23046	9933.610823			1
6.14	6.17	6.20	54261.125	12642.304524			2
6.41	6.44	6.47	91717.75781	18273.541969			3
6.68	6.71	6.74	104246.4765	19147.025207			4
6.77	6.80	6.83	43744.59375	14502.838846			5
6.98	7.02	7.04	67625.65625	20571.130019			6
Height Summation:			**382532.839845**				
Amount Avg CF:			**15845.075231**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 23:57:02
Instrument : CP02--H2601B
Result file : 9P2235B.42R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 95.9% Conc.: 9.569215
%SSR(DCB) : 138.7% Conc.: 13.889644

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	69.32	
3.32	3.33	3.38	75.551338	20.066916			1
3.65	3.67	3.71	95.162071	16.861497			2
+ 3.65	3.70	3.71	89.177116	15.801039			2
3.84	3.85	3.90	76.394691	17.941163			3
+ 3.84	3.87	3.90	56.708263	13.317839			3
3.84	3.88	3.90	241.13176	56.629382			3
4.08	4.12	4.14	151.445099	15.879712			4
4.66	4.68	4.72	201.950851	63.600398			6
+ 4.66	4.72	4.72	146.588226	46.165042			6
Height Summation:			**841.635810**				
Amount Avg CF:			**31.829845**	Linear:			
Aroclor-1221					3	114.79	
3.14	3.17	3.20	573.982788	273.364189			1
3.23	3.25	3.29	103.86393	68.932424			2
+ 3.32	3.32	3.38	54.072624	10.342098			3
3.32	3.33	3.38	75.551338	14.450183			3
Height Summation:			**753.398056**				
Amount Avg CF:			**118.915599**	Linear:			
Aroclor-1232					8	76.67	
+ 3.32	3.32	3.38	54.072624	12.479546			1
3.32	3.33	3.38	75.551338	17.436668			1
+ 3.65	3.65	3.71	83.999115	28.040364			2
3.65	3.67	3.71	95.162071	31.766752			2
3.65	3.70	3.71	89.177116	29.76887			2
3.83	3.83	3.89	101.076805	48.394525			3
3.83	3.85	3.89	76.394691	36.576985			3
+ 3.83	3.87	3.89	56.708263	27.151328			3
3.83	3.88	3.89	241.13176	115.451384			3
4.07	4.12	4.13	151.445099	30.65442			4
4.65	4.68	4.71	201.950851	125.649931			6
Height Summation:			**1031.889731**				
Amount Avg CF:			**54.462442**	Linear:			
Aroclor-1242					6	73.04	
3.32	3.33	3.38	75.551338	24.021155			1
3.65	3.67	3.71	95.162071	21.293341			2
+ 3.65	3.70	3.71	89.177116	19.954155			2
3.84	3.85	3.90	76.394691	22.134727			3
+ 3.84	3.87	3.90	56.708263	16.430748			3
3.84	3.88	3.90	241.13176	69.865925			3
4.08	4.12	4.14	151.445099	20.112632			4
4.66	4.68	4.72	201.950851	87.152965			6
+ 4.66	4.72	4.72	146.588226	63.26093			6
Height Summation:			**841.635810**				
Amount Avg CF:			**40.763458**	Linear:			
Aroclor-1248					4	175.23	
+ 4.14	4.15	4.20	61.772476	57.660261			1
4.14	4.17	4.20	133.146469	124.282864			1
+ 4.52	4.53	4.58	57.164509	11.57077			3
4.52	4.55	4.58	181.572739	36.752461			3
4.66	4.68	4.72	201.950851	57.428067			4
+ 4.66	4.72	4.72	146.588226	41.684788			4
4.87	4.90	4.93	8736.334961	2122.824337			5
Height Summation:			**9253.005020**				
Amount Avg CF:			**585.321932**	Linear:			

ASX04 8739

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:09:39

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454421** ACF DF100 AMS12 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 23:57:02
Instrument : CP02--H2601A
Result file : 9P2235.42R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	46.66	
6.03	6.07	6.09	20937.23046	8421.005614			1
6.13	6.17	6.19	54261.125	13857.7632			2
6.40	6.44	6.46	91717.75781	21320.776227			3
E 6.67	6.71	6.73	104246.4765	26853.100862			4
6.76	6.80	6.82	43744.59375	8259.918367			5
6.98	7.02	7.04	67625.65625	15398.535565			6
Height Summation:			382532.839845				
Amount Avg CF:			15685.183306	Linear:			
Aroclor-1268					6	89.99	
6.76	6.80	6.82	43744.59375	18486.510892			1
7.00	7.02	7.06	67625.65625	23561.632888			2
7.66	7.70	7.72	98907.375	8818.872353			3
8.01	8.05	8.07	1454.158936	157.158935			4
8.14	8.17	8.20	736.486572	315.825424			5
8.51	8.55	8.57	44027.12890	11902.556745			6
Height Summation:			256495.399414				
Amount Avg CF:			10540.426206	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 23:57:02
Instrument : CP02--H2601B
Result file : 9P2235B.42R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					6	168.98	
5.24	5.27	5.30	330.460175	116.16692			1
5.32	5.35	5.38	2781.280273	544.682638			2
5.41	5.46	5.47	24948.54492	2685.696948			3
5.64	5.67	5.70	1790.626709	273.800906			4
5.94	5.98	6.00	5714.183594	1505.482847			5
6.05	6.09	6.11	108308.9218	14025.550801			6
Height Summation:			143874.017548				
Amount Avg CF:			3191.896843	Linear:			
Aroclor-1260					6	26.13	
5.43	5.46	5.49	24948.54492	9233.082091			1
5.54	5.58	5.60	84533.08593	11719.182149			2
5.74	5.77	5.80	129820.8593	15438.620577			3
6.06	6.09	6.12	108308.9218	19169.1659			4
6.35	6.38	6.41	101334.1718	15856.753963			5
7.51	7.55	7.57	87017.82031	18871.887495			6
Height Summation:			535963.404298				
Amount Avg CF:			15048.115363	Linear:			
Aroclor-1262					6	76.92	
E 6.05	6.09	6.11	108308.9218	35190.713823			1
6.14	6.18	6.20	34363.45312	13578.485371			2
6.44	6.48	6.50	44487.89062	12063.386294			3
6.88	6.92	6.94	43754.99609	6417.477227			4
7.34	7.37	7.40	34239.63671	11882.586033			5
7.86	7.90	7.92	17826.22265	5454.984773			6
Height Summation:			282981.121094				
Amount Avg CF:			14097.93892	Linear:			
Aroclor-1268					6	155.90	
6.10	6.13	6.16	40702.69531	9995.362487			1
6.35	6.38	6.41	101334.1718	19558.73766			2
E 6.60	6.63	6.66	267990.375	118747.108759			3
6.94	6.98	7.00	206357.7187	12180.610701			4
7.16	7.19	7.22	2672.058105	155.333991			5
7.51	7.55	7.57	87017.82031	10988.363851			6
Height Summation:			706074.839356				
Amount Avg CF:			28604.252908	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 179.25	4	15	
Aroclor-1221			1700	520		** 148.57	3	5	
Aroclor-1232			1700	330	E	** 197.08	4	10	
Aroclor-1242			1700	330	E	** 192.83	4	30	
Aroclor-1248			1700	330		** 138.48	4	30	
Aroclor-1254			1700	330		** 66.70	4	40	
Aroclor-1260			1700	330		5.16	4	40	
Aroclor-1262			0	0	E	10.66	4	40	
Aroclor-1268			0	0		** 92.29	4	40	

Units: _____

ASX04 8748

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:09:39

Sample Name: **5454421ACF DF100 ACAMS12 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/6/08 12:07:02am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.42R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.101		0.0000	0.000	435.9	0.020	BB	0.032	228.50	0.025
2	2.175		0.0000	0.000	351.7	0.016	BB	0.043	136.09	0.015
3	2.249		0.0000	0.000	156.5	0.007	BB	0.025	103.99	0.011
4	2.302		0.0000	0.000	5554.0	0.254	BB	0.038	2465.36	0.267
5	2.407		0.0000	0.000	1287.7	0.059	BB	0.059	363.59	0.039
6	2.539		0.0000	0.000	265.1	0.012	BB	0.040	110.04	0.012
7	2.744		0.0000	0.000	249.8	0.011	BB	0.485	8.58	0.001
8	2.805		0.0000	0.000	707.1	0.032	BB	0.055	215.94	0.023
9	2.930		0.0000	0.000	2833.2	0.130	BB	0.038	1250.43	0.136
10	3.032		0.0000	0.000	141.0	0.006	BB	0.035	67.40	0.007
11	3.123		0.0000	0.000	1179.5	0.054	BB	0.077	255.65	0.028
12	3.208		0.0000	0.000	58.8	0.003	BB	0.021	46.46	0.005
13	3.283		0.0000	0.000	45.6	0.002	BB	0.032	23.80	0.003
14	3.353	TCX	164.1746	34.137	812.8	0.037	BB	0.026	523.51	0.057
15	3.395		0.0000	0.000	100.9	0.005	BB	0.025	66.69	0.007
16	3.527		0.0000	0.000	540.6	0.025	BB	0.035	253.86	0.028
17	3.636		0.0000	0.000	236.3	0.011	BB	0.062	63.49	0.007
18	3.751		0.0000	0.000	110.0	0.005	BB	0.036	50.48	0.005
19	3.840		0.0000	0.000	3430.8	0.157	BB	0.051	1125.77	0.122
20	3.965		0.0000	0.000	30.2	0.001	BB	0.024	21.01	0.002
21	4.023		0.0000	0.000	161.6	0.007	BB	0.030	88.56	0.010
22	4.090		0.0000	0.000	553.8	0.025	BB	0.050	184.24	0.020
23	4.185		0.0000	0.000	1654.1	0.076	BB	0.173	159.26	0.017
24	4.464		0.0000	0.000	454.9	0.021	BB	0.064	118.22	0.013
25	4.565		0.0000	0.000	1006.8	0.046	BB	0.052	325.56	0.035
26	4.740		0.0000	0.000	383.8	0.018	BB	0.048	131.95	0.014
27	4.854		0.0000	0.000	304.5	0.014	BB	0.033	153.70	0.017
28	5.200		0.0000	0.000	923.3	0.042	BB	0.112	137.31	0.015
29	5.320		0.0000	0.000	483.9	0.022	BB	0.069	116.07	0.013
30	5.414		0.0000	0.000	12986.5	0.595	BB	0.042	5214.30	0.565
31	5.583		0.0000	0.000	2068.1	0.095	BB	0.030	1157.61	0.125
32	5.645		0.0000	0.000	19487.8	0.892	BB	0.038	8531.01	0.925
33	5.743		0.0000	0.000	220.6	0.010	BB	0.026	143.92	0.016
34	5.842		0.0000	0.000	1183.6	0.054	BB	0.031	627.33	0.068
35	5.931		0.0000	0.000	14880.7	0.681	BB	0.039	6358.80	0.689
36	5.998		0.0000	0.000	16108.8	0.738	BB	0.029	9260.52	1.004
37	6.068		0.0000	0.000	63314.3	2.899	BB	0.050	20937.23	2.269
38	6.168		0.0000	0.000	126335.1	5.785	BB	0.039	54261.13	5.882
39	6.289		0.0000	0.000	11325.8	0.519	BB	0.037	5073.66	0.550
40	6.370		0.0000	0.000	24138.6	1.105	BB	0.031	13113.78	1.421
41	6.441		0.0000	0.000	256656.5	11.752	BB	0.047	91717.76	9.942
42	6.558		0.0000	0.000	65227.8	2.987	BB	0.036	29942.67	3.246
43	6.664		0.0000	0.000	7601.5	0.348	BB	0.025	5112.91	0.554
44	6.710		0.0000	0.000	237183.1	10.861	BB	0.038	104246.50	11.300
45	6.798		0.0000	0.000	74197.7	3.398	BB	0.028	43744.59	4.742
46	6.853		0.0000	0.000	41891.9	1.918	BB	0.028	24967.32	2.706
47	7.016		0.0000	0.000	171435.2	7.850	BB	0.042	67625.66	7.330
48	7.097		0.0000	0.000	43010.8	1.969	BB	0.028	25696.41	2.785
49	7.150		0.0000	0.000	18354.4	0.840	BB	0.025	12194.63	1.322
50	7.279		0.0000	0.000	32087.2	1.469	BB	0.034	15886.91	1.722
51	7.365		0.0000	0.000	433759.0	19.862	BB	0.043	168276.40	18.240
52	7.527		0.0000	0.000	34.1	0.002	BB	0.013	44.70	0.005
53	7.557		0.0000	0.000	899.3	0.041	BB	0.033	457.90	0.050
54	7.700		0.0000	0.000	216866.0	9.930	BB	0.037	98907.38	10.721
55	7.794		0.0000	0.000	42806.8	1.960	BB	0.038	18882.63	2.047
56	8.045		0.0000	0.000	5065.9	0.232	BB	0.058	1454.16	0.158
57	8.166		0.0000	0.000	1724.9	0.079	BB	0.039	736.49	0.080
58	8.210		0.0000	0.000	38217.4	1.750	BB	0.039	16262.65	1.763
59	8.554		0.0000	0.000	116329.1	5.327	BB	0.044	44027.13	4.772
60	8.656		0.0000	0.000	3778.0	0.173	BB	0.033	1908.04	0.207
61	8.811		0.0000	0.000	227.1	0.010	BB	0.048	78.12	0.008
62	8.939		0.0000	0.000	124.1	0.006	BB	0.026	79.26	0.009

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.037		0.0000	0.000	23625.6	1.082	BB	0.050	7856.55	0.852
64	9.180		0.0000	0.000	166.3	0.008	BB	0.048	57.61	0.006
65	9.250		0.0000	0.000	316.5	0.014	BB	0.036	145.57	0.016
66	9.432	DCB	316.7561	65.863	2230.9	0.102	BB	0.051	724.19	0.078
67	9.595		0.0000	0.000	184.2	0.008	BB	0.025	122.52	0.013
68	9.643		0.0000	0.000	89.9	0.004	BB	0.029	51.10	0.006
69	9.746		0.0000	0.000	155.2	0.007	BB	0.057	45.44	0.005
70	9.774		0.0000	0.000	45.5	0.002	BB	0.025	30.29	0.003
71	9.870		0.0000	0.000	107.8	0.005	BB	0.067	26.80	0.003
72	9.935		0.0000	0.000	32949.4	1.509	BB	0.071	7773.34	0.843

Total Area = 2183853.0, Total Amount = 480.931, Total Height = 922558.5, Sample Units = ug/l

Sample Name: **5454421ACF DF100 ACAMS12 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/6/08 12:07:02am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.42R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.060		0.0000	0.000	13621.2	0.413	BB	0.050	4512.30	0.302
2	2.233		0.0000	0.000	1320.8	0.040	BB	0.036	615.53	0.041
3	2.299		0.0000	0.000	78.2	0.002	BB	0.012	108.20	0.007
4	2.350		0.0000	0.000	158.6	0.005	BB	0.016	160.69	0.011
5	2.400		0.0000	0.000	26.0	0.001	BB	0.005	79.93	0.005
6	2.416		0.0000	0.000	84.7	0.003	BB	0.014	100.49	0.007
7	2.484		0.0000	0.000	38.4	0.001	BB	0.009	73.47	0.005
8	2.499		0.0000	0.000	141.5	0.004	BB	0.014	168.29	0.011
9	2.572		0.0000	0.000	4625.7	0.140	BB	0.034	2273.26	0.152
10	2.650		0.0000	0.000	31.4	0.001	BB	0.007	70.82	0.005
11	2.666		0.0000	0.000	71.5	0.002	BB	0.014	84.93	0.006
12	2.717		0.0000	0.000	51.9	0.002	BB	0.010	85.97	0.006
13	2.750		0.0000	0.000	313.2	0.009	BB	0.022	239.42	0.016
14	2.801		0.0000	0.000	26.5	0.001	BB	0.006	68.29	0.005
15	2.817		0.0000	0.000	71.2	0.002	BB	0.012	97.84	0.007
16	2.832		0.0000	0.000	106.7	0.003	BB	0.014	124.50	0.008
17	2.884		0.0000	0.000	72.8	0.002	BB	0.014	85.89	0.006
18	2.925	TCX	287.0764	40.791	4174.2	0.126	BB	0.045	1529.35	0.102
19	3.066		0.0000	0.000	57.5	0.002	BB	0.015	64.95	0.004
20	3.101		0.0000	0.000	40.7	0.001	BB	0.008	80.53	0.005
21	3.117		0.0000	0.000	180.0	0.005	BB	0.018	168.36	0.011
22	3.167		0.0000	0.000	1016.2	0.031	BB	0.030	573.98	0.038
23	3.250		0.0000	0.000	146.9	0.004	BB	0.024	103.86	0.007
24	3.317		0.0000	0.000	15.5	0.000	BB	0.005	54.07	0.004
25	3.334		0.0000	0.000	36.9	0.001	BB	0.008	75.55	0.005
26	3.382		0.0000	0.000	7235.2	0.219	BB	0.041	2950.20	0.197
27	3.500		0.0000	0.000	84.0	0.003	BB	0.016	88.52	0.006
28	3.533		0.0000	0.000	67.2	0.002	BB	0.015	73.69	0.005
29	3.550		0.0000	0.000	35.7	0.001	BB	0.008	73.76	0.005
30	3.566		0.0000	0.000	51.5	0.002	BB	0.011	76.09	0.005
31	3.616		0.0000	0.000	39.6	0.001	BB	0.008	85.26	0.006
32	3.633		0.0000	0.000	22.0	0.001	BB	0.007	51.31	0.003
33	3.650		0.0000	0.000	40.1	0.001	BB	0.008	84.00	0.006
34	3.666		0.0000	0.000	71.4	0.002	BB	0.012	95.16	0.006
35	3.700		0.0000	0.000	42.2	0.001	BB	0.008	89.18	0.006
36	3.733		0.0000	0.000	11.3	0.000	BB	0.003	62.49	0.004
37	3.750		0.0000	0.000	86.6	0.003	BB	0.016	91.12	0.006
38	3.833		0.0000	0.000	86.4	0.003	BB	0.014	101.08	0.007
39	3.850		0.0000	0.000	39.9	0.001	BB	0.009	76.39	0.005
40	3.867		0.0000	0.000	24.8	0.001	BB	0.007	56.71	0.004
41	3.884		0.0000	0.000	534.3	0.016	BB	0.037	241.13	0.016
42	3.966		0.0000	0.000	27.5	0.001	BB	0.008	56.62	0.004
43	3.983		0.0000	0.000	33.3	0.001	BB	0.007	80.44	0.005
44	4.024		0.0000	0.000	851.2	0.026	BB	0.033	427.12	0.029
45	4.115		0.0000	0.000	107.8	0.003	BB	0.012	151.45	0.010
46	4.151		0.0000	0.000	29.6	0.001	BB	0.008	61.77	0.004
47	4.166		0.0000	0.000	174.4	0.005	BB	0.022	133.15	0.009
48	4.227		0.0000	0.000	464.1	0.014	BB	0.029	267.48	0.018
49	4.267		0.0000	0.000	40.0	0.001	BB	0.007	90.55	0.006
50	4.283		0.0000	0.000	134.2	0.004	BB	0.015	148.44	0.010
51	4.343		0.0000	0.000	634.0	0.019	BB	0.037	286.43	0.019
52	4.417		0.0000	0.000	23.3	0.001	BB	0.007	54.82	0.004
53	4.433		0.0000	0.000	36.9	0.001	BB	0.008	72.42	0.005
54	4.450		0.0000	0.000	30.1	0.001	BB	0.008	66.02	0.004
55	4.467		0.0000	0.000	239.3	0.007	BB	0.028	142.31	0.010
56	4.534		0.0000	0.000	24.4	0.001	BB	0.007	57.16	0.004
57	4.549		0.0000	0.000	677.3	0.021	BB	0.062	181.57	0.012
58	4.650		0.0000	0.000	123.2	0.004	BB	0.026	78.05	0.005
59	4.684		0.0000	0.000	228.4	0.007	BB	0.019	201.95	0.013
60	4.717		0.0000	0.000	344.7	0.010	BB	0.039	146.59	0.010
61	4.818		0.0000	0.000	31.9	0.001	BB	0.008	65.94	0.004
62	4.834		0.0000	0.000	63.6	0.002	BB	0.013	84.15	0.006

ASX84 8743

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	4.850		0.0000	0.000	66.4	0.002	BB	0.010	115.66	0.008
64	4.897		0.0000	0.000	19185.4	0.581	BB	0.037	8736.33	0.584
65	4.995		0.0000	0.000	3085.9	0.093	BB	0.026	1966.91	0.131
66	5.050		0.0000	0.000	38251.9	1.159	BB	0.044	14535.55	0.971
67	5.233		0.0000	0.000	399.0	0.012	BB	0.050	132.43	0.009
68	5.268		0.0000	0.000	375.1	0.011	BB	0.019	330.46	0.022
69	5.308		0.0000	0.000	1333.4	0.040	BB	0.024	928.95	0.062
70	5.350		0.0000	0.000	3947.3	0.120	BB	0.024	2781.28	0.186
71	5.459		0.0000	0.000	52177.5	1.580	BB	0.035	24948.54	1.667
72	5.496		0.0000	0.000	10134.4	0.307	BB	0.024	7117.44	0.476
73	5.575		0.0000	0.000	194344.7	5.886	BB	0.038	84533.09	5.649
74	5.669		0.0000	0.000	1543.2	0.047	BB	0.014	1790.63	0.120
75	5.709		0.0000	0.000	33966.1	1.029	BB	0.028	20531.67	1.372
76	5.769		0.0000	0.000	312718.2	9.472	BB	0.040	129820.90	8.675
77	5.912		0.0000	0.000	222461.2	6.738	BB	0.037	101517.50	6.784
78	5.982		0.0000	0.000	6373.3	0.193	BB	0.019	5714.18	0.382
79	6.039		0.0000	0.000	30846.8	0.934	BB	0.024	21061.51	1.407
80	6.088		0.0000	0.000	173561.9	5.257	BB	0.027	108308.90	7.237
81	6.127		0.0000	0.000	52345.7	1.585	BB	0.021	40702.70	2.720
82	6.179		0.0000	0.000	51583.5	1.562	BB	0.025	34363.45	2.296
83	6.315		0.0000	0.000	32623.9	0.988	BB	0.035	15381.10	1.028
84	6.383		0.0000	0.000	250506.8	7.587	BB	0.041	101334.20	6.771
85	6.480		0.0000	0.000	71691.3	2.171	BB	0.027	44487.89	2.973
86	6.523		0.0000	0.000	12998.8	0.394	BB	0.018	12035.03	0.804
87	6.557		0.0000	0.000	13803.3	0.418	BB	0.020	11604.61	0.775
88	6.632		0.0000	0.000	657189.7	19.905	BB	0.041	267990.40	17.908
89	6.813		0.0000	0.000	464.8	0.014	BB	0.016	478.78	0.032
90	6.919		0.0000	0.000	71749.6	2.173	BB	0.027	43755.00	2.924
91	6.978		0.0000	0.000	501707.0	15.196	BB	0.041	206357.70	13.789
92	7.194		0.0000	0.000	4644.4	0.141	BB	0.029	2672.06	0.179
93	7.258		0.0000	0.000	16892.5	0.512	BB	0.042	6738.85	0.450
94	7.375		0.0000	0.000	83302.4	2.523	BB	0.041	34239.64	2.288
95	7.547		0.0000	0.000	234302.1	7.097	BB	0.045	87017.82	5.815
96	7.718		0.0000	0.000	41.7	0.001	BB	0.010	68.75	0.005
97	7.750		0.0000	0.000	568.7	0.017	BB	0.035	271.54	0.018
98	7.800		0.0000	0.000	720.9	0.022	BB	0.057	211.69	0.014
99	7.903		0.0000	0.000	47474.2	1.438	BB	0.044	17826.22	1.191
100	8.133		0.0000	0.000	146.3	0.004	BB	0.022	108.67	0.007
101	8.222	DCB	416.6893	59.209	4265.4	0.129	BB	0.037	1916.47	0.128
102	8.300		0.0000	0.000	827.6	0.025	BB	0.076	181.21	0.012
103	8.433		0.0000	0.000	43.5	0.001	BB	0.010	69.83	0.005
104	8.484		0.0000	0.000	55.6	0.002	BB	0.016	57.22	0.004
105	8.549		0.0000	0.000	451.2	0.014	BB	0.046	162.62	0.011
106	8.594		0.0000	0.000	926.8	0.028	BB	0.038	405.83	0.027
107	8.667		0.0000	0.000	99.1	0.003	BB	0.013	122.81	0.008
108	8.700		0.0000	0.000	35.4	0.001	BB	0.008	77.09	0.005
109	8.716		0.0000	0.000	70.5	0.002	BB	0.011	104.81	0.007
110	8.783		0.0000	0.000	11.6	0.000	BB	0.004	52.06	0.003
111	8.800		0.0000	0.000	41.1	0.001	BB	0.011	64.70	0.004
112	8.816		0.0000	0.000	63.8	0.002	BB	0.011	96.04	0.006
113	8.884		0.0000	0.000	26.5	0.001	BB	0.008	57.42	0.004
114	8.933		0.0000	0.000	1286.5	0.039	BB	0.059	365.79	0.024
115	9.017		0.0000	0.000	229.0	0.007	BB	0.037	104.45	0.007
116	9.150		0.0000	0.000	70.5	0.002	BB	0.010	114.98	0.008
117	9.217		0.0000	0.000	28.8	0.001	BB	0.008	56.85	0.004
118	9.234		0.0000	0.000	37.7	0.001	BB	0.010	64.88	0.004
119	9.249		0.0000	0.000	403.3	0.012	BB	0.026	257.61	0.017
120	9.433		0.0000	0.000	56.1	0.002	BB	0.014	65.03	0.004
121	9.466		0.0000	0.000	72.7	0.002	BB	0.018	65.92	0.004
122	9.500		0.0000	0.000	83.0	0.003	BB	0.012	113.64	0.008
123	9.566		0.0000	0.000	70.5	0.002	BB	0.013	89.94	0.006
124	9.600		0.0000	0.000	43.9	0.001	BB	0.009	79.11	0.005
125	9.616		0.0000	0.000	79.2	0.002	BB	0.014	95.83	0.006
126	9.716		0.0000	0.000	5547.7	0.168	BB	0.190	485.50	0.032
127	9.933		0.0000	0.000	37821.2	1.146	BB	0.064	9922.43	0.663

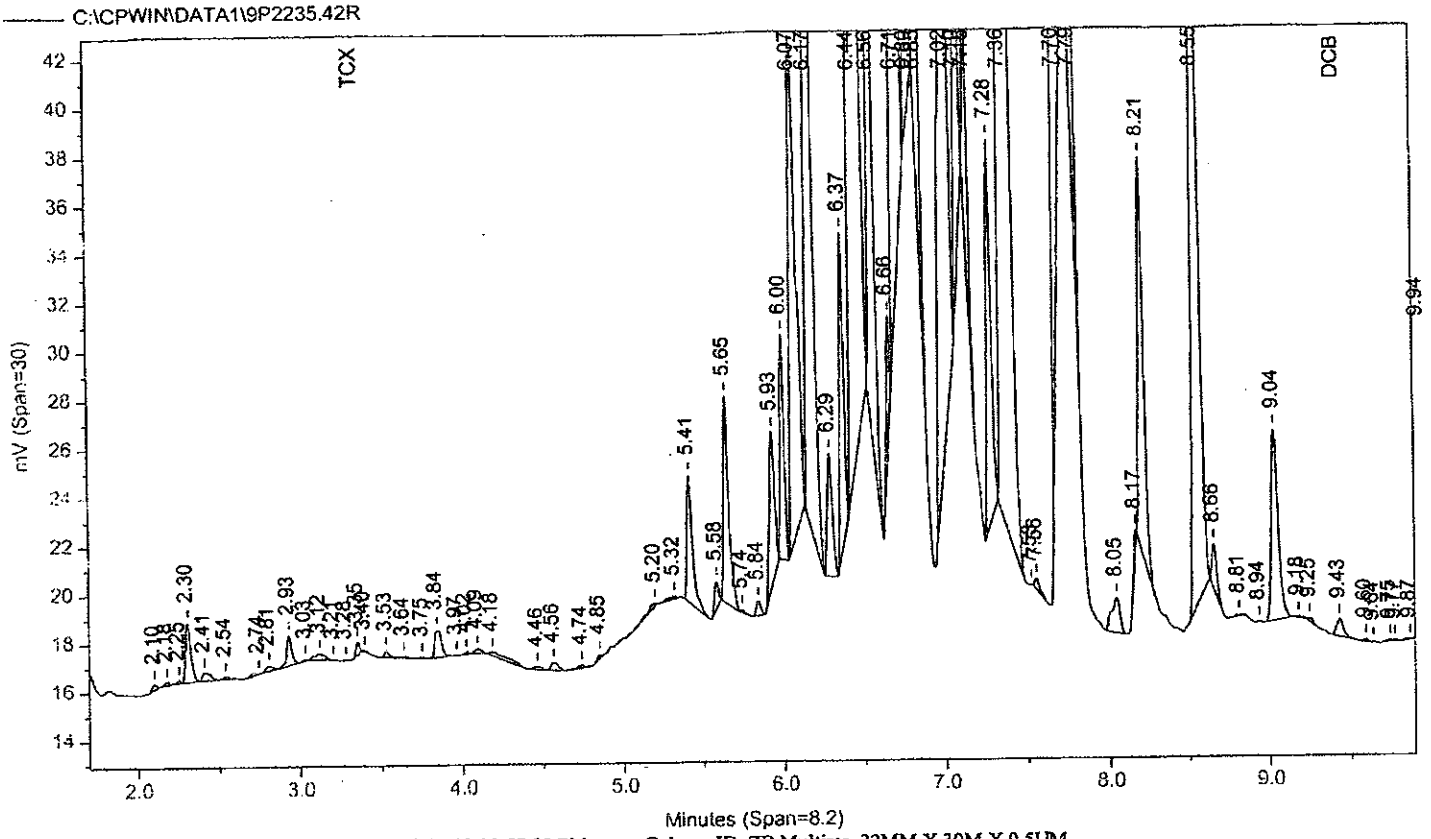
Total Area = 3301577.0, Total Amount = 703.766, Total Height = 1496519.0, Sample Units = ug/l

ASX84: B744

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.42R

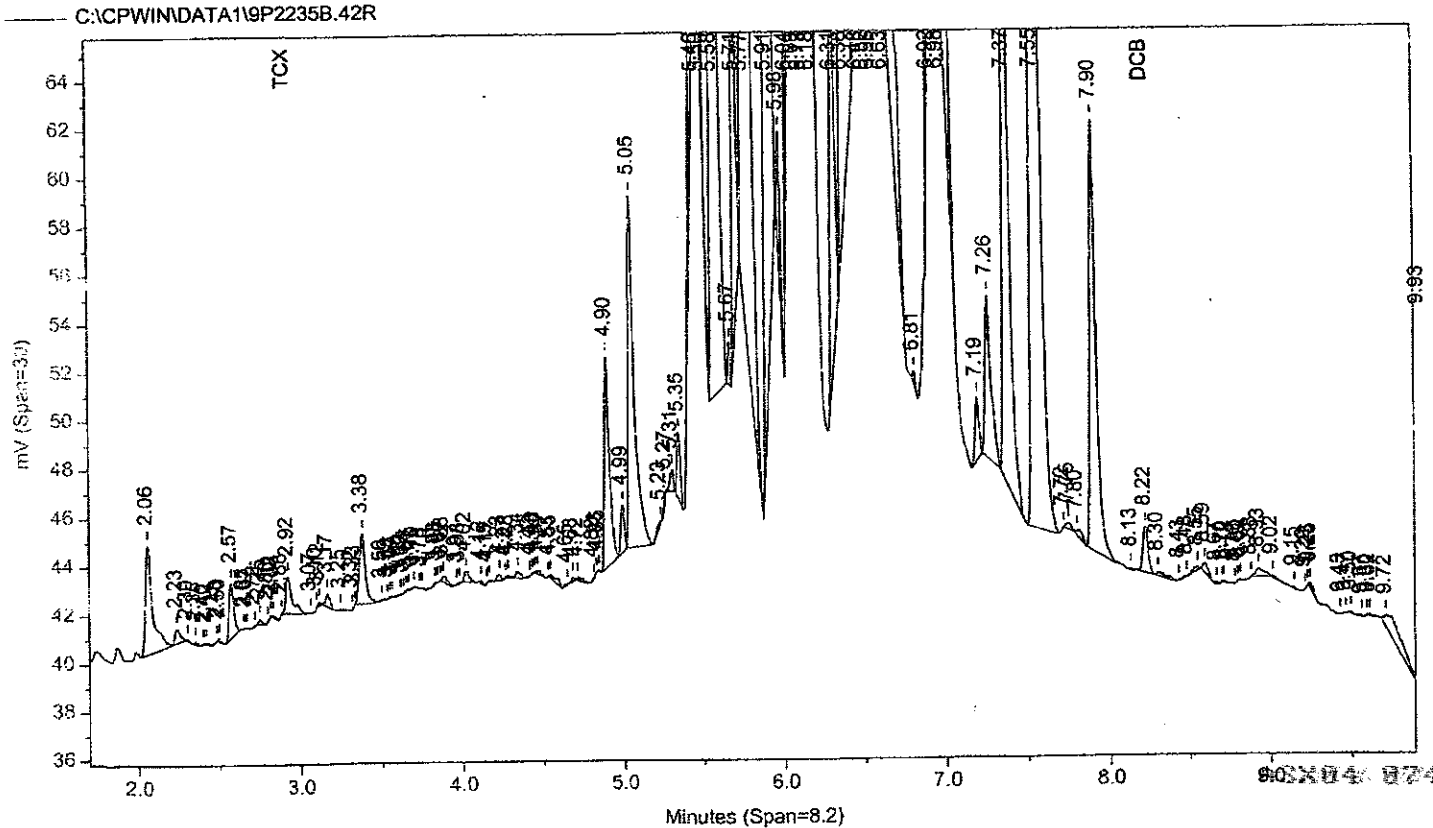
C:\CPWIN\DATA1\9P2235.42R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 11:57:02 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.42R

C:\CPWIN\DATA1\9P2235B.42R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 11:57:02 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 1000

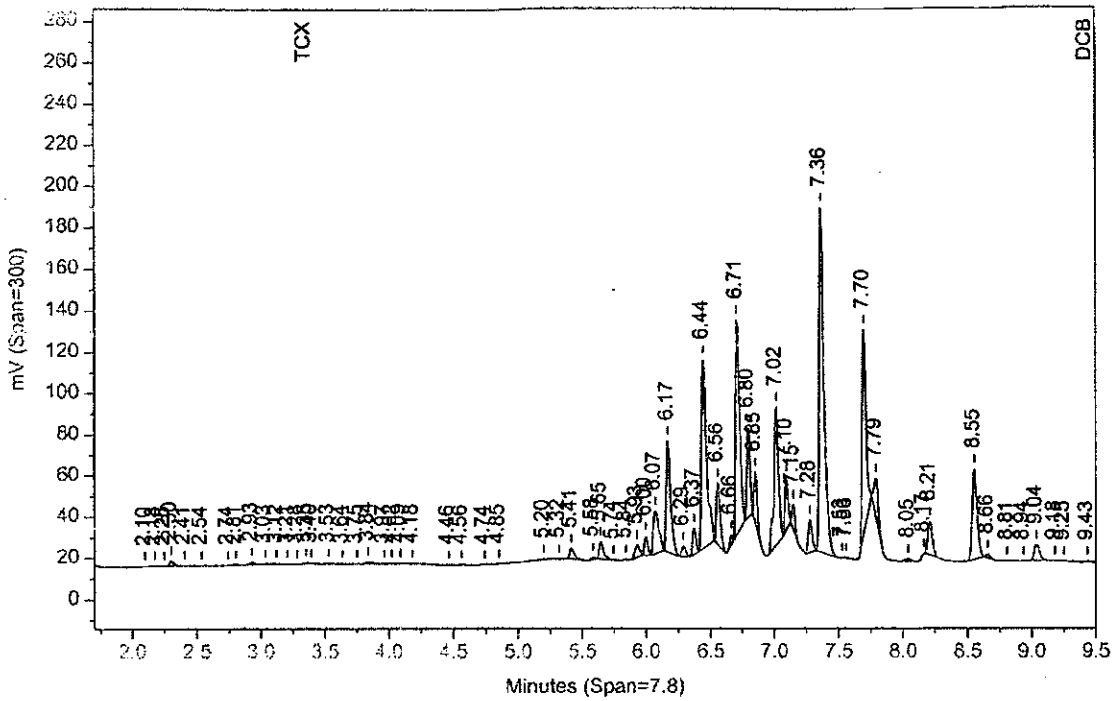
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	524	5.47249	TCX	2.925	1529	9.56921	TCX
9.432	724	10.55854	DCB	8.222	1916	13.88964	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.42A
Area File: C:\CPWIN\DATA1\9P2235B.42A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 12:07:06 AM
File Reported On: 9/6/2008 at 12:07:13 AM

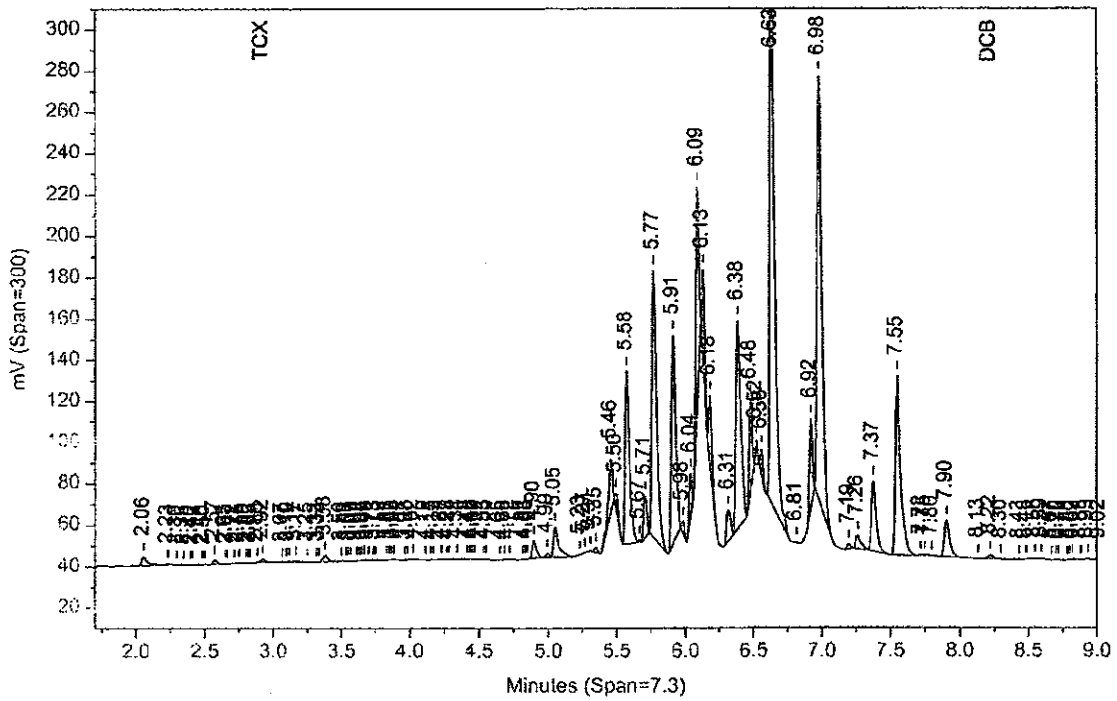
10X REPLOTS

ASX84. 8746

C:\CPWIN\DATA1\9P2235.42R



C:\CPWIN\DATA1\9P2235B.42R



ASX84 8743

Multiple Component Data Summary

Sample Name: 5454422 ACF DF250 AMS13 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 21:21:39
Instrument H2601A
Result file 10P2235.28R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 32.4% Conc: 3.235704
%SSR(DCB) 113.1% Conc: 11.3233€

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.08**	
6.03	6.07	6.09	11983.45898	14213.797049			1
6.14	6.17	6.20	29758.92773	17333.838301			2
6.41	6.44	6.47	48097.95703	23957.193715			3
6.68	6.71	6.74	50933.60156	23387.527933			4
6.77	6.80	6.83	21632.63671	17929.909576			5
6.98	7.02	7.04	30080.89453	22875.85906			6

Height summation: **192487.476562**
Concentration CF: **19949.687606** L:

Analysis Report (B)

Injected on Sep 08, 2008 21:21:39
Instrument H2601B
Result file 10P2235B.28R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 91.3% Conc: 9.10613
%SSR(DCB) * 194.4% Conc: 19.4664

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.09**	
5.43	5.46	5.49	16474.61914	15242.523303			1
5.54	5.57	5.60	47187.64453	16354.560919			2
5.74	5.77	5.80	68570.76562	20386.516432			3
6.06	6.08	6.12	53991.17187	23889.207668			4
6.35	6.38	6.41	49019.88281	19176.557292			5
7.51	7.54	7.57	36031.11718	19535.515468			6

Height summation: **271275.201173**
Concentration CF: **19097.48018** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<4250	<825			4	15	
Aroclor-1221			<4250	<1300			3	5	
Aroclor-1232			<4250	<825			4	10	
Aroclor-1242			<4250	<825			4	30	
Aroclor-1248			<4250	<825			4	30	
Aroclor-1254			<4250	<825			4	40	
Aroclor-1260	A	19949.687606	4250	825		4.37	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamie L Brillhart Date: 9-9-08

Verified By: A Carey 1151 Date: 9.10.08

ASX04P0748

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454422** ACF DF250 AMS13 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:21:39
Instrument : CP02--H2601A
Result file : 10P2235.28R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *32.4% Conc.: 3.235704
%SSR(DCB) : 113.1% Conc.: 11.323364

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	140.25	
4.55	4.57	4.61	49.330864	22.135821			3
+ 4.55	4.60	4.61	18.192644	8.163431			3
5.38	5.42	5.44	4137.192871	5337.960732			6
Height Summation:			4186.523735				
Amount Avg CF:			2680.048277	Linear:			
Aroclor-1232					2	141.20	
4.55	4.57	4.61	49.330864	45.376735			3
+ 4.55	4.60	4.61	18.192644	16.734408			3
E 5.38	5.42	5.44	4137.192871	58139.303977			6
Height Summation:			4186.523735				
Amount Avg CF:			29092.340356	Linear:			
Aroclor-1242					2	141.06	
4.55	4.57	4.61	49.330864	27.955834			3
+ 4.55	4.60	4.61	18.192644	10.309784			3
E 5.38	5.42	5.44	4137.192871	21608.653875			6
Height Summation:			4186.523735				
Amount Avg CF:			10818.304855	Linear:			
Aroclor-1248					4	66.65	
4.55	4.57	4.61	49.330864	44.309435			1
+ 4.55	4.60	4.61	18.192644	16.3408			1
5.62	5.65	5.68	7620.789551	6133.32956			4
5.96	6.00	6.02	4417.689453	6733.330183			5
6.26	6.29	6.32	2647.012939	5703.982509			6
Height Summation:			14734.822807				
Amount Avg CF:			4653.737922	Linear:			
Aroclor-1254					5	110.53	
5.61	5.65	5.67	7620.789551	4966.5267			2
5.96	6.00	6.02	4417.689453	2011.296035			3
6.26	6.29	6.32	2647.012939	1596.787751			4
6.52	6.56	6.58	14948.875	13273.963899			5
6.68	6.71	6.74	50933.60156	27461.647834			6
Height Summation:			80567.968506				
Amount Avg CF:			9862.044444	Linear:			
Aroclor-1260					6	20.08	
6.03	6.07	6.09	11983.45898	14213.797049			1
6.14	6.17	6.20	29758.92773	17333.838301			2
6.41	6.44	6.47	48097.95703	23957.193715			3
6.68	6.71	6.74	50933.60156	23387.527933			4
6.77	6.80	6.83	21632.63671	17929.909576			5
6.98	7.02	7.04	30080.89453	22875.85906			6
Height Summation:			192487.476562				
Amount Avg CF:			19949.687606	Linear:			
Aroclor-1262					6	44.78	
6.03	6.07	6.09	11983.45898	12049.441727			1
6.13	6.17	6.19	29758.92773	19000.351247			2
6.40	6.44	6.46	48097.95703	27952.214578			3
6.67	6.71	6.73	50933.60156	32800.272612			4
6.76	6.80	6.82	21632.63671	10211.765503			5
6.98	7.02	7.04	30080.89453	17123.742303			6
Height Summation:			192487.476562				
Amount Avg CF:			19856.297995	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 21:21:39
Instrument : CP02--H2601B
Result file : 10P2235B.28R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 91.3% Conc.: 9.106133
%SSR(DCB) : *194.4% Conc.: 19.46645

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	130.42	
3.65	3.67	3.71	44.714767	19.807206			2
4.08	4.10	4.14	114.329262	29.969866			4
4.35	4.37	4.41	256.220947	251.776389			5
Height Summation:			415.264976				
Amount Avg CF:			100.51782	Linear:			
Aroclor-1221					1		
3.14	3.17	3.20	80.294334	95.60215			1
Height Summation:			80.294334				
Amount Avg CF:			95.60215	Linear:			
Aroclor-1232					4	115.63	
3.65	3.67	3.71	44.714767	37.316415			2
3.83	3.83	3.89	142.199493	170.209103			3
4.07	4.10	4.13	114.329262	57.854254			4
4.34	4.37	4.40	256.220947	537.962852			5
Height Summation:			557.464469				
Amount Avg CF:			200.835656	Linear:			
Aroclor-1242					3	128.64	
3.65	3.67	3.71	44.714767	25.013295			2
4.08	4.10	4.14	114.329262	37.958678			4
4.35	4.37	4.41	256.220947	303.205703			5
Height Summation:			415.264976				
Amount Avg CF:			122.059225	Linear:			
Aroclor-1248					4	124.65	
4.14	4.15	4.20	180.708771	421.697318			1
4.35	4.37	4.41	256.220947	226.080285			2
4.52	4.55	4.58	1603.766846	811.553242			3
4.87	4.90	4.93	5934.644531	3605.118135			5
Height Summation:			7975.341095				
Amount Avg CF:			1266.112245	Linear:			
Aroclor-1254					6	144.22	
5.24	5.27	5.30	785.053772	689.926393			1
5.32	5.35	5.38	4843.688965	2371.45579			2
5.41	5.46	5.47	16474.61914	4433.708909			3
5.64	5.67	5.70	1089.901123	416.636132			4
5.94	5.98	6.00	2580.815918	1699.881545			5
6.05	6.08	6.11	53991.17187	17479.07538			6
Height Summation:			79765.250794				
Amount Avg CF:			4515.114025	Linear:			
Aroclor-1260					6	16.09	
5.43	5.46	5.49	16474.61914	15242.523303			1
5.54	5.57	5.60	47187.64453	16354.560919			2
5.74	5.77	5.80	68570.76562	20386.516432			3
6.06	6.08	6.12	53991.17187	23889.207668			4
6.35	6.38	6.41	49019.88281	19176.557292			5
7.51	7.54	7.57	36031.11718	19535.515468			6
Height Summation:			271275.201173				
Amount Avg CF:			19097.48018	Linear:			

ASX84 8749

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:35:39

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454422** ACF DF250 AMS13 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:21:39
Instrument : CP02--H2601A
Result file : 10P2235.28R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					5	74.50	
6.76	6.80	6.82	21632.63671	22854.937036			1
7.00	7.02	7.06	30080.89453	26201.409095			2
7.66	7.70	7.72	41891.52734	9337.929358			3
8.01	8.04	8.07	324.000336	87.541235			4
8.51	8.55	8.57	18238.94140	12327.060635			6

Height Summation: **112168.000336**
Amount Avg CF: **14161.775472** Linear:

Analysis Report (B)

Injected on : SEP 08, 2008 21:21:39
Instrument : CP02--H2601B
Result file : 10P2235B.28R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	83.30	
6.05	6.08	6.11	53991.17187	43855.756422			1
6.14	6.18	6.20	17614.81835	17400.939926			2
6.44	6.48	6.50	21655.12890	14680.072576			3
6.88	6.92	6.94	18781.93164	6886.791758			4
7.34	7.37	7.40	14183.35742	12305.54563			5
7.86	7.90	7.92	7411.519043	5669.979039			6

Height Summation: **133637.927246**
Amount Avg CF: **16799.847559** Linear:

Aroclor-1268					6	158.67	
6.10	6.12	6.16	20097.22851	12338.19299			1
6.35	6.38	6.41	49019.88281	23653.596076			2
E 6.60	6.63	6.66	130349.625	144395.494582			3
6.94	6.97	7.00	94817.27343	13991.871766			4
7.16	7.19	7.22	926.42572	134.639105			5
7.51	7.54	7.57	36031.11718	11374.76853			6

Height Summation: **331241.552675**
Amount Avg CF: **34314.760508** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4250	825		** 185.54	4	15	
Aroclor-1221			4250	1300			3	5	
Aroclor-1232			4250	825	E	** 197.26	4	10	
Aroclor-1242			4250	825	E	** 195.54	4	30	
Aroclor-1248			4250	825		** 114.45	4	30	
Aroclor-1254			4250	825		** 74.38	4	40	
Aroclor-1260			4250	825		4.37	4	40	
Aroclor-1262			0	0		16.68	4	40	
Aroclor-1268			0	0		** 83.15	4	40	

Units: _____

ASX04 0750

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:35:39

Sample Name: **5454422ACF DF250 ADAMS13 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 09:31:39pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.28R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.156		0.0000	0.000	3205.9	0.285	BB	0.081	657.27	0.145
2	2.253		0.0000	0.000	580.7	0.052	BB	0.066	146.97	0.033
3	2.302		0.0000	0.000	828.9	0.074	BB	0.037	368.70	0.082
4	2.436		0.0000	0.000	801.6	0.071	BB	0.038	349.45	0.077
5	2.550		0.0000	0.000	409.6	0.036	BB	0.053	129.65	0.029
6	2.715		0.0000	0.000	406.1	0.036	BB	0.056	120.72	0.027
7	2.814		0.0000	0.000	424.6	0.038	BB	0.055	129.22	0.029
8	2.930		0.0000	0.000	833.7	0.074	BB	0.045	312.12	0.069
9	3.123		0.0000	0.000	12122.6	1.076	BB	0.105	1923.00	0.426
10	3.354	TCX	97.0711	22.225	1485.5	0.132	BB	0.200	123.81	0.027
11	3.386		0.0000	0.000	535.0	0.048	BB	0.035	258.31	0.057
12	3.525		0.0000	0.000	91.4	0.008	BB	0.034	44.59	0.010
13	3.635		0.0000	0.000	300.5	0.027	BB	0.055	91.36	0.020
14	3.723		0.0000	0.000	165.8	0.015	BB	0.062	44.62	0.010
15	3.857		0.0000	0.000	1230.2	0.109	BB	0.046	447.42	0.099
16	3.957		0.0000	0.000	171.1	0.015	BB	0.067	42.49	0.009
17	4.083		0.0000	0.000	987.2	0.088	BB	0.096	172.11	0.038
18	4.447		0.0000	0.000	138.1	0.012	BB	0.038	60.85	0.013
19	4.570		0.0000	0.000	179.5	0.016	BB	0.061	49.33	0.011
20	4.604		0.0000	0.000	18.3	0.002	BB	0.017	18.19	0.004
21	4.650		0.0000	0.000	34.5	0.003	BB	0.034	16.76	0.004
22	4.688		0.0000	0.000	35.2	0.003	BB	0.022	26.40	0.006
23	4.908		0.0000	0.000	573.5	0.051	BB	0.046	209.61	0.046
24	5.271		0.0000	0.000	4095.2	0.364	BB	0.274	248.88	0.055
25	5.327		0.0000	0.000	24.8	0.002	BB	0.022	18.90	0.004
26	5.368		0.0000	0.000	144.0	0.013	BB	0.026	92.40	0.020
27	5.417		0.0000	0.000	19865.3	1.764	BB	0.080	4137.19	0.916
28	5.646		0.0000	0.000	26565.1	2.359	BB	0.058	7620.79	1.687
29	5.749		0.0000	0.000	1179.4	0.105	BB	0.025	771.10	0.171
30	5.845		0.0000	0.000	740.9	0.066	BB	0.039	314.98	0.070
31	5.932		0.0000	0.000	9637.6	0.856	BB	0.042	3868.59	0.856
32	5.998		0.0000	0.000	7405.6	0.658	BB	0.028	4417.69	0.978
33	6.068		0.0000	0.000	36130.4	3.208	BB	0.050	11983.46	2.653
34	6.170		0.0000	0.000	69355.9	6.159	BB	0.039	29758.93	6.587
35	6.290		0.0000	0.000	5557.6	0.493	BB	0.035	2647.01	0.586
36	6.369		0.0000	0.000	13151.9	1.168	BB	0.029	7679.87	1.700
37	6.444		0.0000	0.000	137962.0	12.251	BB	0.048	48097.96	10.646
38	6.558		0.0000	0.000	32874.5	2.919	BB	0.037	14948.88	3.309
39	6.663		0.0000	0.000	3196.5	0.284	BB	0.024	2212.95	0.490
40	6.710		0.0000	0.000	115109.3	10.221	BB	0.038	50933.60	11.274
41	6.798		0.0000	0.000	36947.5	3.281	BB	0.028	21632.64	4.788
42	6.854		0.0000	0.000	20738.2	1.841	BB	0.029	12053.99	2.668
43	7.015		0.0000	0.000	78632.8	6.982	BB	0.044	30080.89	6.658
44	7.096		0.0000	0.000	20078.6	1.783	BB	0.028	11788.56	2.609
45	7.148		0.0000	0.000	8040.4	0.714	BB	0.026	5061.39	1.120
46	7.277		0.0000	0.000	14668.2	1.302	BB	0.034	7097.48	1.571
47	7.362		0.0000	0.000	199895.2	17.750	BB	0.042	78606.70	17.399
48	7.697		0.0000	0.000	94524.2	8.393	BB	0.038	41891.53	9.273
49	7.790		0.0000	0.000	18407.6	1.635	BB	0.038	8021.88	1.776
50	8.001		0.0000	0.000	184.2	0.016	BB	0.023	134.76	0.030
51	8.037		0.0000	0.000	655.3	0.058	BB	0.034	324.00	0.072
52	8.206		0.0000	0.000	26315.2	2.337	BB	0.053	8275.89	1.832
53	8.342		0.0000	0.000	100.2	0.009	BB	0.019	87.11	0.019
54	8.546		0.0000	0.000	48561.8	4.312	BB	0.044	18238.94	4.037
55	8.646		0.0000	0.000	948.8	0.084	BB	0.032	492.61	0.109
56	8.750		0.0000	0.000	56.3	0.005	BB	0.035	27.15	0.006
57	8.838		0.0000	0.000	524.4	0.047	BB	0.058	150.76	0.033
58	8.938		0.0000	0.000	431.4	0.038	BB	0.041	174.97	0.039
59	9.030		0.0000	0.000	9657.9	0.858	BB	0.050	3201.29	0.709
60	9.230		0.0000	0.000	3597.6	0.319	BB	0.108	553.00	0.122
61	9.415	DCB	339.7009	77.775	649.6	0.058	BB	0.035	310.66	0.069
62	9.523		0.0000	0.000	33.8	0.003	BB	0.026	21.48	0.005

ASX04 0751

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.576		0.0000	0.000	846.4	0.075	BB	0.090	157.60	0.035
64	9.753		0.0000	0.000	247.8	0.022	BB	0.044	94.11	0.021
65	9.863		0.0000	0.000	473.8	0.042	BB	0.055	143.59	0.032
66	9.937		0.0000	0.000	32398.4	2.877	BB	0.070	7659.60	1.695

Total Area = 1126171.0, Total Amount = 436.772, Total Height = 451778.6, Sample Units = ug/l

ASX04 8752

Sample Name: **5454422ACF DF250 ADAMS13 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 09:31:39pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.28R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.057		0.0000	0.000	1008.6	0.059	BB	0.032	525.72	0.070
2	2.133		0.0000	0.000	1580.6	0.092	BB	0.075	351.47	0.047
3	2.300		0.0000	0.000	89.5	0.005	BB	0.020	74.02	0.010
4	2.400		0.0000	0.000	490.6	0.028	BB	0.039	210.49	0.028
5	2.574		0.0000	0.000	1023.0	0.059	BB	0.031	550.80	0.073
6	2.700		0.0000	0.000	13580.6	0.788	BB	0.078	2916.81	0.386
7	2.828		0.0000	0.000	16486.9	0.957	BB	0.070	3927.18	0.520
8	2.924	TCX	273.1840	31.870	1106.1	0.064	BB	0.032	582.14	0.077
9	3.008		0.0000	0.000	242.1	0.014	BB	0.018	220.15	0.029
10	3.101		0.0000	0.000	1486.6	0.086	BB	0.038	644.49	0.085
11	3.166		0.0000	0.000	61.6	0.004	BB	0.013	80.29	0.011
12	3.217		0.0000	0.000	273.8	0.016	BB	0.029	157.32	0.021
13	3.382		0.0000	0.000	3530.1	0.205	BB	0.047	1246.85	0.165
14	3.517		0.0000	0.000	431.8	0.025	BB	0.054	134.29	0.018
15	3.617		0.0000	0.000	336.1	0.020	BB	0.025	220.73	0.029
16	3.667		0.0000	0.000	32.2	0.002	BB	0.012	44.71	0.006
17	3.716		0.0000	0.000	552.3	0.032	BB	0.051	178.99	0.024
18	3.817		0.0000	0.000	95.0	0.006	BB	0.035	45.81	0.006
19	3.832		0.0000	0.000	97.9	0.006	BB	0.011	142.20	0.019
20	3.950		0.0000	0.000	381.1	0.022	BB	0.107	59.42	0.008
21	3.983		0.0000	0.000	64.7	0.004	BB	0.013	82.69	0.011
22	4.024		0.0000	0.000	691.8	0.040	BB	0.039	294.51	0.039
23	4.100		0.0000	0.000	113.3	0.007	BB	0.017	114.33	0.015
24	4.150		0.0000	0.000	281.3	0.016	BB	0.026	180.71	0.024
25	4.250		0.0000	0.000	1023.5	0.059	BB	0.068	250.07	0.033
26	4.365		0.0000	0.000	643.0	0.037	BB	0.042	256.22	0.034
27	4.450		0.0000	0.000	314.8	0.018	BB	0.037	140.60	0.019
28	4.549		0.0000	0.000	13343.9	0.774	BB	0.139	1603.77	0.212
29	4.767		0.0000	0.000	19473.7	1.130	BB	1.402	231.48	0.031
30	4.800		0.0000	0.000	417.0	0.024	BB	0.042	165.28	0.022
31	4.898		0.0000	0.000	13441.2	0.780	BB	0.038	5934.64	0.785
32	4.999		0.0000	0.000	1472.4	0.085	BB	0.025	972.71	0.129
33	5.051		0.0000	0.000	25747.0	1.494	BB	0.041	10429.20	1.380
34	5.267		0.0000	0.000	2272.5	0.132	BB	0.048	785.05	0.104
35	5.307		0.0000	0.000	378.4	0.022	BB	0.017	368.91	0.049
36	5.345		0.0000	0.000	6359.0	0.369	BB	0.022	4843.69	0.641
37	5.458		0.0000	0.000	37586.8	2.181	BB	0.038	16474.62	2.180
38	5.497		0.0000	0.000	6022.7	0.350	BB	0.023	4388.72	0.581
39	5.575		0.0000	0.000	108204.4	6.279	BB	0.038	47187.64	6.245
40	5.667		0.0000	0.000	954.3	0.055	BB	0.015	1089.90	0.144
41	5.708		0.0000	0.000	16674.2	0.968	BB	0.029	9637.07	1.275
42	5.768		0.0000	0.000	162830.0	9.450	BB	0.040	68570.77	9.075
43	5.910		0.0000	0.000	123743.1	7.181	BB	0.037	56296.79	7.450
44	5.981		0.0000	0.000	3090.8	0.179	BB	0.020	2580.82	0.342
45	6.037		0.0000	0.000	14011.7	0.813	BB	0.023	9997.46	1.323
46	6.085		0.0000	0.000	86450.4	5.017	BB	0.027	53991.17	7.145
47	6.124		0.0000	0.000	26933.5	1.563	BB	0.022	20097.23	2.660
48	6.178		0.0000	0.000	28416.8	1.649	BB	0.027	17614.82	2.331
49	6.312		0.0000	0.000	14548.2	0.844	BB	0.035	6919.98	0.916
50	6.380		0.0000	0.000	119777.5	6.951	BB	0.041	49019.88	6.487
51	6.478		0.0000	0.000	33722.1	1.957	BB	0.026	21655.13	2.866
52	6.520		0.0000	0.000	6730.2	0.391	BB	0.019	6043.27	0.800
53	6.556		0.0000	0.000	6622.8	0.384	BB	0.020	5614.99	0.743
54	6.630		0.0000	0.000	320701.5	18.611	BB	0.041	130349.60	17.250
55	6.817		0.0000	0.000	141.8	0.008	BB	0.015	161.04	0.021
56	6.916		0.0000	0.000	31856.8	1.849	BB	0.028	18781.93	2.486
57	6.975		0.0000	0.000	223943.6	12.996	BB	0.039	94817.27	12.548
58	7.191		0.0000	0.000	1755.7	0.102	BB	0.032	926.43	0.123
59	7.254		0.0000	0.000	7055.2	0.409	BB	0.043	2704.69	0.358
60	7.371		0.0000	0.000	35562.8	2.064	BB	0.042	14183.36	1.877
61	7.541		0.0000	0.000	96000.3	5.571	BB	0.044	36031.12	4.768
62	7.750		0.0000	0.000	3684.3	0.214	BB	0.091	677.44	0.090

ASX84 0753

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.898		0.0000	0.000	20761.0	1.205	BB	0.047	7411.52	0.981
64	8.051		0.0000	0.000	38.8	0.002	BB	0.010	62.81	0.008
65	8.066		0.0000	0.000	49.8	0.003	BB	0.010	82.55	0.011
66	8.100		0.0000	0.000	330.4	0.019	BB	0.033	166.64	0.022
67	8.217	DCB	583.9935	68.130	8248.6	0.479	BB	0.128	1074.38	0.142
68	8.484		0.0000	0.000	519.4	0.030	BB	0.037	234.45	0.031
69	8.582		0.0000	0.000	1492.7	0.087	BB	0.053	468.99	0.062
70	8.717		0.0000	0.000	17.2	0.001	BB	0.006	47.33	0.006
71	8.767		0.0000	0.000	99.6	0.006	BB	0.027	61.80	0.008
72	8.817		0.0000	0.000	136.8	0.008	BB	0.042	53.88	0.007
73	8.916		0.0000	0.000	587.1	0.034	BB	0.127	76.78	0.010
74	8.933		0.0000	0.000	308.9	0.018	BB	0.026	197.10	0.026
75	9.216		0.0000	0.000	355.2	0.021	BB	0.041	144.65	0.019
76	9.416		0.0000	0.000	851.3	0.049	BB	0.060	235.27	0.031
77	9.516		0.0000	0.000	959.7	0.056	BB	0.054	296.60	0.039
78	9.683		0.0000	0.000	4647.1	0.270	BB	0.275	281.30	0.037
79	9.933		0.0000	0.000	37792.0	2.193	BB	0.063	9965.20	1.319

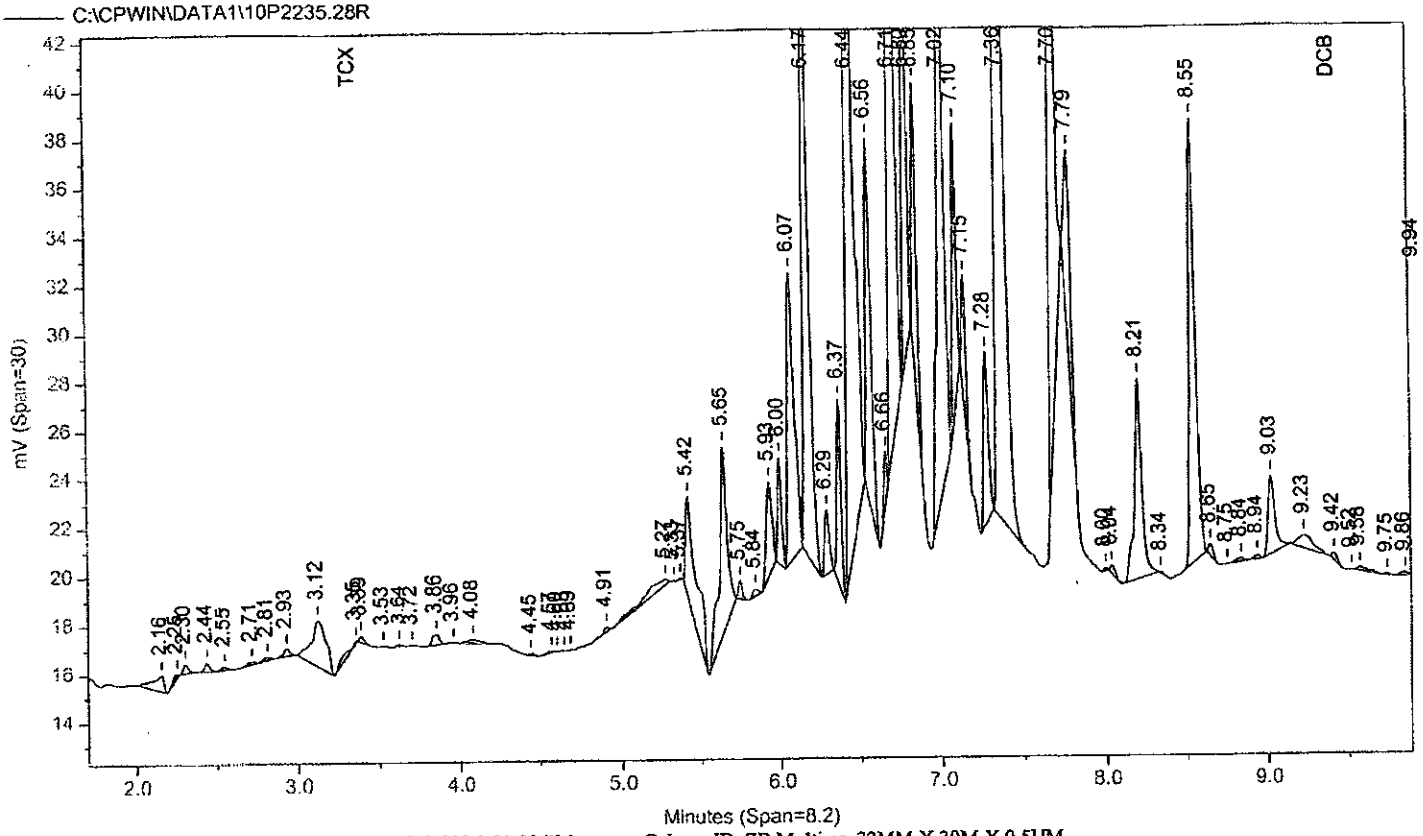
Total Area = 1723141.0, Total Amount = 857.177, Total Height = 755642.1, Sample Units = ug/l

ASX84 8754

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.28R

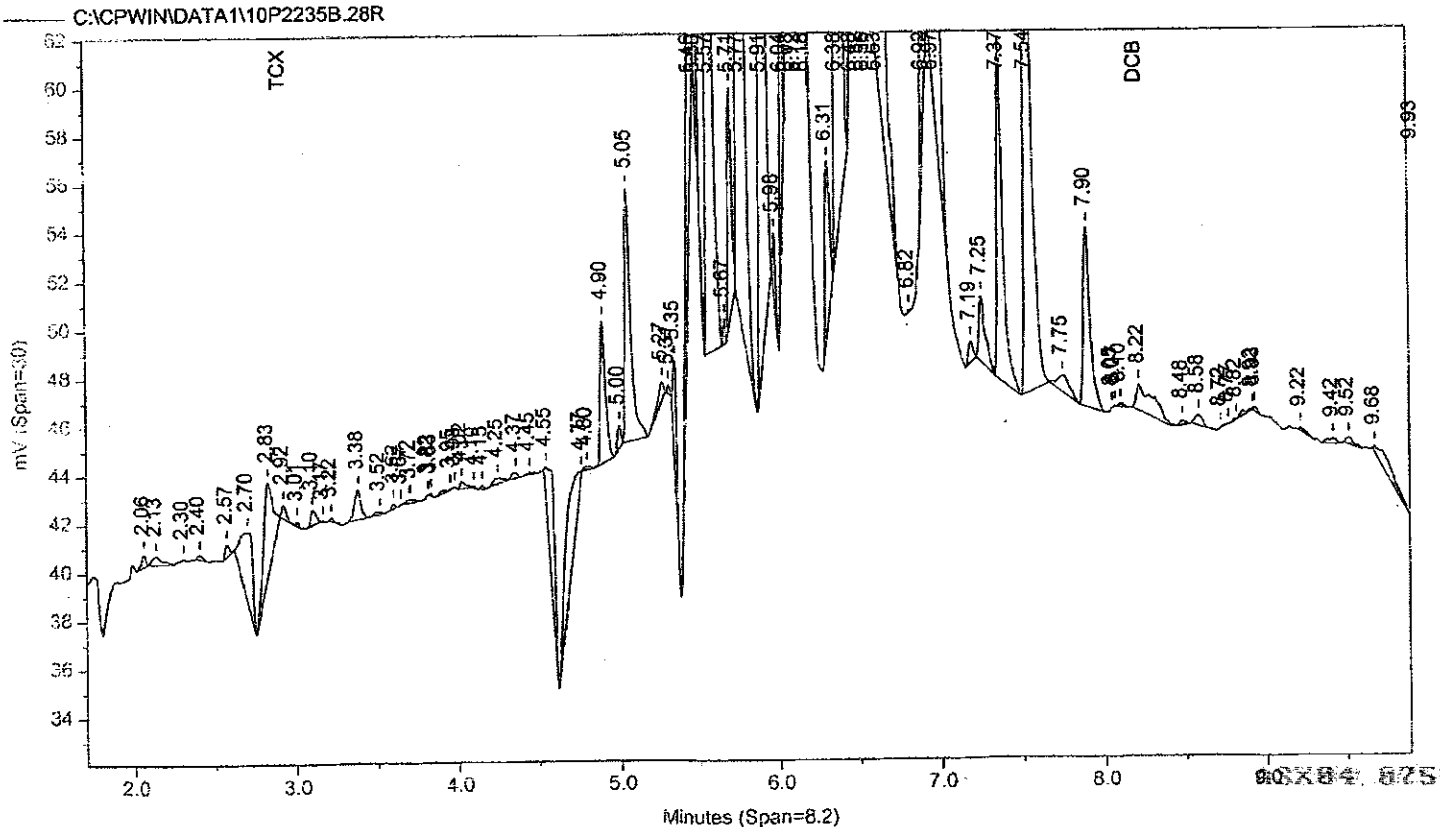
C:\CPWIN\DATA1\10P2235.28R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 9:21:39 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.28R

C:\CPWIN\DATA1\10P2235B.28R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 9:21:39 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 2500

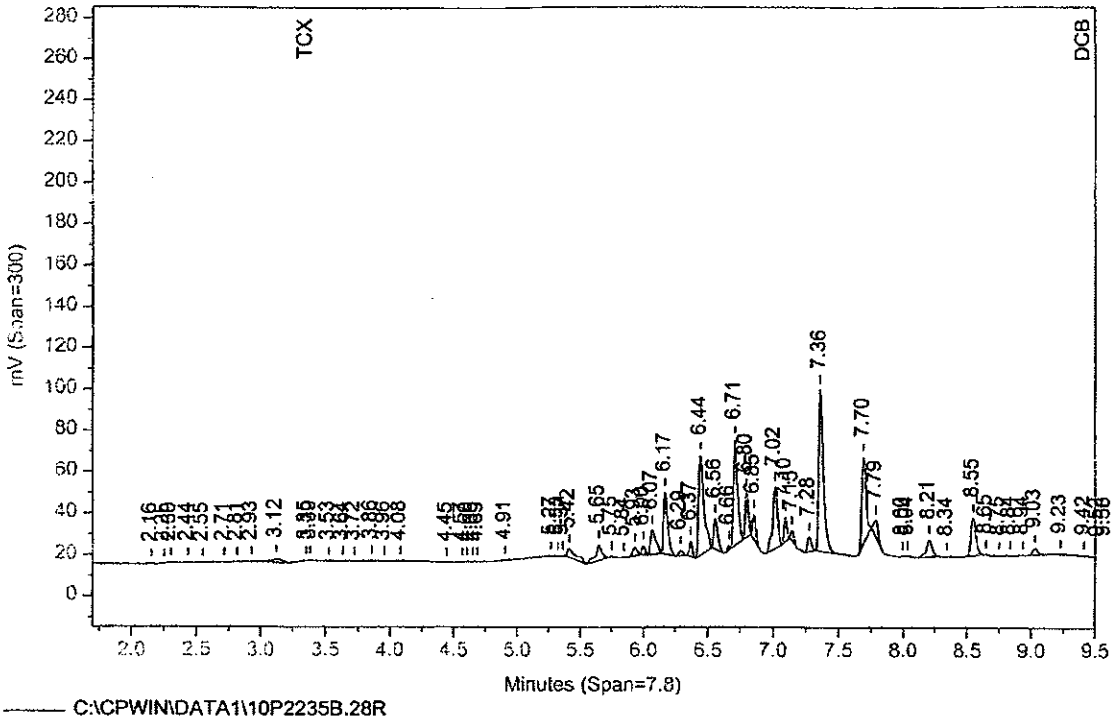
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	124	3.2357	TCX	2.924	582	9.10613	TCX
9.415	311	11.32336	DCB	8.217	1074	19.46645	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.28A
Area File: C:\CPWIN\DATA1\10P2235B.28A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 9:31:42 PM
File Reported On: 9/8/2008 at 9:31:48 PM

10X REPLOTS

ASX84 8756

C:\CPWIN\DATA1\10P2235.28R



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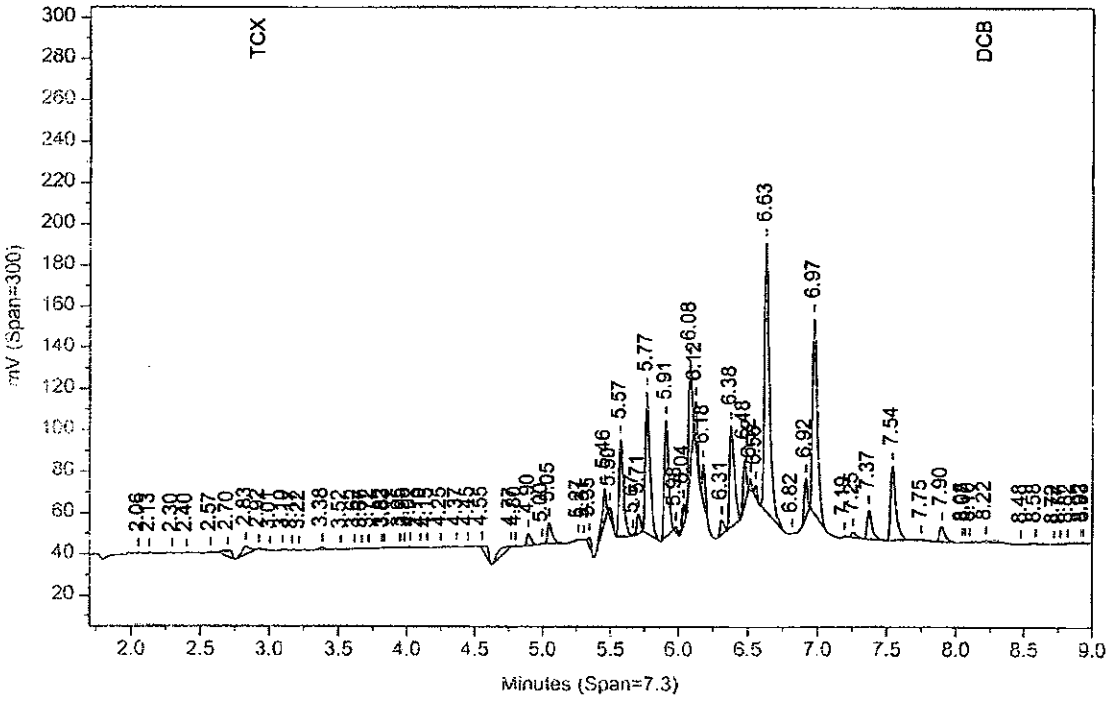


Multiple Component Data Summary

Sample Name: 5454423 ACF DF1000 AMS14 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 21:35:59
Instrument H2601A
Result file 10P2235.29R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**25.55**	
6.03	6.07	6.09	4430.767578	21021.653667			1
6.14	6.17	6.20	12086.63183(	28160.654674			2
6.41	6.44	6.47	20646.09765(	41134.600431			3
6.68	6.71	6.74	22675.75195:	41648.716441			4
6.77	6.80	6.83	8363.297852	27727.211656			5
6.98	7.01	7.04	12124.87793	36882.812558			6

Height summation: **80327.424805**
Concentration CF: **32762.608238** L:

Analysis Report (B)

Injected on Sep 08, 2008 21:35:59
Instrument H2601B
Result file 10P2235B.29R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 260.8% Conc: 26.01164
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.57**	
5.43	5.46	5.49	9379.019531	34710.343842			1
5.54	5.57	5.60	20266.22851(	28095.936735			2
5.74	5.77	5.80	29550.05273	35141.66016			3
6.06	6.09	6.12	24781.88476(	43860.473557			4
6.35	6.38	6.41	19641.09765(	30734.356173			5
7.51	7.54	7.57	14037.54589(	30443.762661			6

Height summation: **117655.829101**
Concentration CF: **33831.088855** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17000	<3300			4	15	
Aroclor-1221			<17000	<5200			3	5	
Aroclor-1232			<17000	<3300			4	10	
Aroclor-1242			<17000	<3300			4	30	
Aroclor-1248			<17000	<3300			4	30	
Aroclor-1254			<17000	<3300			4	40	
Aroclor-1260	B	33831.088855	17000	3300		3.21	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh bei Uhalt Date: 9-9-08

Verified By: A Carey 1151 Date: 9-10-08

ASX04 8759

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454423** ACF DF1000 AMS14 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:35:59
Instrument : CP02--H2601A
Result file : 10P2235.29R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *0% Conc.: 0

diluted out

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	169.72	
4.55	4.58	4.61	225.681213	405.072084			3
4.71	4.74	4.77	102.613068	447.912053			4
5.14	5.18	5.20	155.904648	864.805133			5
5.38	5.41	5.44	2590.075195	13367.246938			6
Height Summation:			3074.274124				
Amount Avg CF:			3771.259052	Linear:			
Aroclor-1232					4	193.50	
4.55	4.58	4.61	225.681213	830.366698			3
4.70	4.74	4.76	102.613068	964.181987			4
5.13	5.18	5.19	155.904648	1843.825297			5
5.38	5.41	5.44	2590.075195	145591.635469			6
Height Summation:			3074.274124				
Amount Avg CF:			37307.502363	Linear:			
Aroclor-1242					4	189.90	
4.55	4.58	4.61	225.681213	511.574777			3
4.71	4.74	4.77	102.613068	572.60159			4
5.14	5.18	5.20	155.904648	1047.640681			5
5.38	5.41	5.44	2590.075195	54112.090149			6
Height Summation:			3074.274124				
Amount Avg CF:			14060.976799	Linear:			
Aroclor-1248					4	68.49	
4.55	4.58	4.61	225.681213	810.835755			1
5.62	5.64	5.68	4780.78125	15390.587425			4
5.96	5.99	6.02	3630.799805	22135.891782			5
6.26	6.29	6.32	2949.85498	25426.277238			6
Height Summation:			11587.117248				
Amount Avg CF:			15940.89805	Linear:			
Aroclor-1254					6	105.46	
4.82	4.85	4.88	118.729813	513.711009			1
5.61	5.64	5.67	4780.78125	12462.68648			2
5.96	5.99	6.02	3630.799805	6612.156266			3
6.26	6.29	6.32	2949.85498	7117.898413			4
6.52	6.56	6.58	7359.368652	26139.222866			5
6.68	6.71	6.74	22675.75195	48903.945168			6
Height Summation:			41515.286453				
Amount Avg CF:			16958.270034	Linear:			
Aroclor-1260					6	25.55	
6.03	6.07	6.09	4430.767578	21021.653667			1
6.14	6.17	6.20	12086.63183	28160.654674			2
6.41	6.44	6.47	20646.09765	41134.600431			3
6.68	6.71	6.74	22675.75195	41648.716441			4
6.77	6.80	6.83	8363.297852	27727.211656			5
6.98	7.01	7.04	12124.87793	36882.812558			6
Height Summation:			80327.424805				
Amount Avg CF:			32762.608238	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 21:35:59
Instrument : CP02--H2601B
Result file : 10P2235B.29R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : *260.8% Conc.: 26.011648
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	69.19	
3.32	3.33	3.38	60.395061	160.413127			1
3.65	3.67	3.71	241.455811	427.82868			2
4.08	4.10	4.14	113.113785	118.604982			4
+ 4.35	4.35	4.41	70.058205	275.371738			5
4.35	4.38	4.41	150.517059	591.624409			5
Height Summation:			565.481716				
Amount Avg CF:			324.6178	Linear:			
Aroclor-1221					3	81.15	
3.14	3.17	3.20	152.95076	728.441015			1
3.23	3.28	3.29	47.128235	312.78072			2
+ 3.32	3.32	3.38	42.855892	81.967508			3
3.32	3.33	3.38	60.395061	115.513467			3
Height Summation:			260.474056				
Amount Avg CF:			385.578401	Linear:			
Aroclor-1232					4	86.44	
+ 3.32	3.32	3.38	42.855892	98.908103			1
3.32	3.33	3.38	60.395061	139.387156			1
3.65	3.67	3.71	241.455811	806.021434			2
4.07	4.10	4.13	113.113785	228.956734			4
+ 4.34	4.35	4.40	70.058205	588.378307			5
4.34	4.38	4.40	150.517059	1264.105644			5
Height Summation:			565.481716				
Amount Avg CF:			609.617742	Linear:			
Aroclor-1242					4	68.37	
3.32	3.33	3.38	60.395061	192.022959			1
3.65	3.67	3.71	241.455811	540.27838			2
4.08	4.10	4.14	113.113785	150.220502			4
+ 4.35	4.35	4.41	70.058205	331.620775			5
4.35	4.38	4.41	150.517059	712.473062			5
Height Summation:			565.481716				
Amount Avg CF:			398.748726	Linear:			
Aroclor-1248					5	107.45	
4.14	4.15	4.20	41.402451	386.462759			1
4.35	4.38	4.41	150.517059	531.243679			2
4.52	4.55	4.58	1998.793945	4045.794339			3
4.87	4.90	4.93	3805.039551	9245.788535			5
5.07	5.10	5.13	646.593384	2644.041131			6
Height Summation:			6642.346390				
Amount Avg CF:			3370.666089	Linear:			
Aroclor-1254					6	91.46	
5.24	5.27	5.30	1613.358887	5671.45292			1
5.32	5.35	5.38	4211.498535	8247.748901			2
5.41	5.46	5.47	9379.019531	10096.462223			3
5.64	5.67	5.70	2837.957275	4339.459854			4
5.94	5.98	6.00	2866.093994	7551.1318			5
6.05	6.09	6.11	24781.88476	32091.500654			6
Height Summation:			45689.812988				
Amount Avg CF:			11332.959392	Linear:			

ASX04: 2759

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:36:24

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454423** ACF DF1000 AMS14 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:35:59
Instrument : CP02--H2601A
Result file : 10P2235.29R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	51.13	
6.03	6.07	6.09	4430.767578	17820.656225			1
6.13	6.17	6.19	12086.63183	30868.081314			2
6.40	6.44	6.46	20646.09765	47994.067733			3
6.67	6.71	6.73	22675.75195	58411.015355			4
6.76	6.80	6.82	8363.297852	15791.701697			5
6.98	7.01	7.04	12124.87793	27608.658367			6
Height Summation:			80327.424805				
Amount Avg CF:			33082.363449	Linear:			
Aroclor-1268					4	47.32	
6.76	6.80	6.82	8363.297852	35343.383851			1
7.00	7.01	7.06	12124.87793	42244.606329			2
7.66	7.70	7.72	16805.76757	14984.516479			3
8.51	8.55	8.57	6819.874512	18437.255707			6
Height Summation:			44113.817872				
Amount Avg CF:			27752.440592	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 21:35:59
Instrument : CP02--H2601B
Result file : 10P2235B.29R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	16.57	
5.43	5.46	5.49	9379.019531	34710.343842			1
5.54	5.57	5.60	20266.22851	28095.936735			2
5.74	5.77	5.80	29550.05273	35141.66016			3
6.06	6.09	6.12	24781.88476	43860.473557			4
6.35	6.38	6.41	19641.09765	30734.356173			5
7.51	7.54	7.57	14037.54589	30443.762661			6
Height Summation:			117655.829101				
Amount Avg CF:			33831.088855	Linear:			
Aroclor-1262					6	93.74	
6.05	6.09	6.11	24781.88476	80518.963691			1
6.14	6.18	6.20	6604.246094	26096.230389			2
6.44	6.48	6.50	8556.34375	23201.477632			3
6.88	6.92	6.94	7438.683105	10910.200821			4
7.34	7.37	7.40	5660.182129	19643.19939			5
7.86	7.90	7.92	2967.482178	9080.762878			6
Height Summation:			56008.822022				
Amount Avg CF:			28241.8058	Linear:			
Aroclor-1268					6	162.33	
6.10	6.12	6.16	6149.395996	15101.074163			1
6.35	6.38	6.41	19641.09765	37909.726729			2
6.60	6.63	6.66	52557.26171	232882.351592			3
6.94	6.98	7.00	38213.73828	22556.300402			4
7.16	7.19	7.22	259.199768	150.679861			5
7.51	7.54	7.57	14037.54589	17726.215314			6
Height Summation:			130858.239318				
Amount Avg CF:			54387.724677	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17000	3300		** 168.30	4	15	
Aroclor-1221			17000	5200			3	5	
Aroclor-1232			17000	3300		** 193.57	4	10	
Aroclor-1242			17000	3300		** 188.97	4	30	
Aroclor-1248			17000	3300		** 130.18	4	30	
Aroclor-1254			17000	3300		39.77	4	40	
Aroclor-1260			17000	3300		3.21	4	40	
Aroclor-1262			0	0		15.79	4	40	
Aroclor-1268			0	0		** 64.85	4	40	

Units: _____

ASX04 0760

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:36:24

Sample Name: **5454423ACF DF1000 ADAMS14 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 09:45:59pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.29R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.094		0.0000	0.000	136.7	0.027	BB	0.079	28.98	0.015
2	2.240		0.0000	0.000	1257.8	0.251	BB	0.102	205.37	0.105
3	2.301		0.0000	0.000	923.5	0.184	BB	0.038	407.89	0.209
4	2.435		0.0000	0.000	1045.9	0.208	BB	0.039	446.95	0.229
5	2.537		0.0000	0.000	1118.8	0.223	BB	0.052	359.69	0.185
6	2.719		0.0000	0.000	298.5	0.059	BB	0.069	72.61	0.037
7	2.810		0.0000	0.000	579.1	0.115	BB	0.065	148.32	0.076
8	2.929		0.0000	0.000	314.6	0.063	BB	0.041	126.95	0.065
9	3.033		0.0000	0.000	160.9	0.032	BB	0.044	60.62	0.031
10	3.118		0.0000	0.000	1071.2	0.213	BB	0.070	256.13	0.131
11	3.210		0.0000	0.000	187.1	0.037	BB	0.039	80.09	0.041
12	3.288		0.0000	0.000	49.8	0.010	BB	0.025	33.45	0.017
13	3.385		0.0000	0.000	1066.6	0.213	BB	0.046	385.02	0.198
14	3.487		0.0000	0.000	36.1	0.007	BB	0.034	17.80	0.009
15	3.525		0.0000	0.000	192.7	0.038	BB	0.035	91.02	0.047
16	3.639		0.0000	0.000	497.2	0.099	BB	0.061	136.29	0.070
17	3.835		0.0000	0.000	1900.2	0.379	BB	0.051	621.72	0.319
18	4.028		0.0000	0.000	124.4	0.025	BB	0.053	39.07	0.020
19	4.087		0.0000	0.000	246.3	0.049	BB	0.042	97.12	0.050
20	4.183		0.0000	0.000	272.5	0.054	BB	0.041	111.40	0.057
21	4.493		0.0000	0.000	35.4	0.007	BB	0.021	27.57	0.014
22	4.581		0.0000	0.000	919.0	0.183	BB	0.068	225.68	0.116
23	4.743		0.0000	0.000	223.9	0.045	BB	0.036	102.61	0.053
24	4.854		0.0000	0.000	264.6	0.053	BB	0.037	118.73	0.061
25	4.907		0.0000	0.000	658.5	0.131	BB	0.037	298.74	0.153
26	5.181		0.0000	0.000	1550.0	0.309	BB	0.166	155.90	0.080
27	5.276		0.0000	0.000	65.1	0.013	BB	0.025	43.22	0.022
28	5.312		0.0000	0.000	72.2	0.014	BB	0.022	55.60	0.029
29	5.363		0.0000	0.000	144.5	0.029	BB	0.023	106.95	0.055
30	5.414		0.0000	0.000	15339.5	3.057	BB	0.099	2590.08	1.329
31	5.644		0.0000	0.000	19396.1	3.866	BB	0.068	4780.78	2.454
32	5.746		0.0000	0.000	426.2	0.085	BB	0.038	186.07	0.096
33	5.840		0.0000	0.000	1142.6	0.228	BB	0.033	585.03	0.300
34	5.931		0.0000	0.000	1164.3	0.232	BB	0.056	345.76	0.177
35	5.952		0.0000	0.000	613.6	0.122	BB	0.015	665.39	0.342
36	5.994		0.0000	0.000	6263.6	1.248	BB	0.029	3630.80	1.864
37	6.067		0.0000	0.000	13640.3	2.719	BB	0.051	4430.77	2.274
38	6.169		0.0000	0.000	28525.0	5.685	BB	0.039	12086.63	6.204
39	6.291		0.0000	0.000	6075.2	1.211	BB	0.034	2949.85	1.514
40	6.367		0.0000	0.000	6778.7	1.351	BB	0.029	3930.60	2.017
41	6.442		0.0000	0.000	57930.8	11.546	BB	0.047	20646.10	10.597
42	6.556		0.0000	0.000	16352.3	3.259	BB	0.037	7359.37	3.777
43	6.663		0.0000	0.000	1165.2	0.232	BB	0.025	787.45	0.404
44	6.709		0.0000	0.000	51560.8	10.276	BB	0.038	22675.75	11.639
45	6.798		0.0000	0.000	14342.3	2.858	BB	0.029	8363.30	4.293
46	6.853		0.0000	0.000	7226.2	1.440	BB	0.028	4276.77	2.195
47	7.014		0.0000	0.000	31882.5	6.354	BB	0.044	12124.88	6.223
48	7.097		0.0000	0.000	8304.1	1.655	BB	0.029	4742.75	2.434
49	7.149		0.0000	0.000	3107.0	0.619	BB	0.025	2108.42	1.082
50	7.276		0.0000	0.000	6796.4	1.355	BB	0.036	3183.42	1.634
51	7.364		0.0000	0.000	77139.2	15.374	BB	0.042	30461.11	15.635
52	7.697		0.0000	0.000	35986.4	7.172	BB	0.036	16805.77	8.626
53	7.791		0.0000	0.000	6534.2	1.302	BB	0.037	2973.41	1.526
54	7.893		0.0000	0.000	461.8	0.092	BB	0.073	105.85	0.054
55	8.206		0.0000	0.000	9841.4	1.961	BB	0.055	3001.53	1.541
56	8.456		0.0000	0.000	54.5	0.011	BB	0.030	30.55	0.016
57	8.547		0.0000	0.000	18222.9	3.632	BB	0.045	6819.87	3.500
58	8.647		0.0000	0.000	749.7	0.149	BB	0.036	349.92	0.180
59	8.760		0.0000	0.000	177.1	0.035	BB	0.050	58.57	0.030
60	8.788		0.0000	0.000	36.5	0.007	BB	0.018	33.63	0.017
61	8.883		0.0000	0.000	35.4	0.007	BB	0.021	28.48	0.015
62	8.928		0.0000	0.000	148.5	0.030	BB	0.040	62.27	0.032

ASX64 8762

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.027		0.0000	0.000	3447.3	0.687	BB	0.052	1101.16	0.565
64	9.132		0.0000	0.000	38.9	0.008	BB	0.023	28.35	0.015
65	9.184		0.0000	0.000	193.8	0.039	BB	0.029	112.81	0.058
66	9.229		0.0000	0.000	330.0	0.066	BB	0.043	128.23	0.066
67	9.355		0.0000	0.000	334.0	0.067	BB	0.045	122.63	0.063
68	9.543		0.0000	0.000	520.2	0.104	BB	0.072	119.69	0.061
69	9.585		0.0000	0.000	34.5	0.007	BB	0.021	28.00	0.014
70	9.674		0.0000	0.000	1079.4	0.215	BB	0.088	204.97	0.105
71	9.853		0.0000	0.000	828.2	0.165	BB	0.061	226.53	0.116
72	9.961		0.0000	0.000	32106.5	6.399	BB	0.114	4712.69	2.419

Total Area = 501746.1, Total Amount = 0.0, Total Height = 194827.5, Sample Units = ug/l

ASX84 8762

Sample Name: **5454423ACF DF1000 ADAMS14 T 082470004A 01216**
Acquired from CP02–H2601B via port 2 on 9/8/08 09:45:59pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.29R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	1334.0	0.171	BB	0.033	674.13	0.201
2	2.134		0.0000	0.000	517.5	0.066	BB	0.036	242.04	0.072
3	2.183		0.0000	0.000	108.2	0.014	BB	0.017	108.67	0.032
4	2.290		0.0000	0.000	939.3	0.120	BB	0.038	413.67	0.123
5	2.350		0.0000	0.000	59.9	0.008	BB	0.011	92.11	0.027
6	2.416		0.0000	0.000	116.7	0.015	BB	0.027	71.43	0.021
7	2.534		0.0000	0.000	18.2	0.002	BB	0.005	55.68	0.017
8	2.573		0.0000	0.000	828.4	0.106	BB	0.036	388.08	0.116
9	2.634		0.0000	0.000	64.0	0.008	BB	0.025	42.60	0.013
10	2.683		0.0000	0.000	95.8	0.012	BB	0.027	59.06	0.018
11	2.700		0.0000	0.000	57.9	0.007	BB	0.014	70.14	0.021
12	2.750		0.0000	0.000	17.0	0.002	BB	0.006	46.84	0.014
13	2.783		0.0000	0.000	33.4	0.004	BB	0.010	57.16	0.017
14	2.817		0.0000	0.000	32.9	0.004	BB	0.009	59.70	0.018
15	2.833		0.0000	0.000	92.2	0.012	BB	0.016	95.90	0.029
16	2.900		0.0000	0.000	249.1	0.032	BB	0.065	64.19	0.019
17	2.933	TCX	780.3494	100.000	1734.5	0.222	BB	0.070	415.72	0.124
18	3.050		0.0000	0.000	49.8	0.006	BB	0.015	54.12	0.016
19	3.106		0.0000	0.000	1786.7	0.229	BB	0.040	744.97	0.222
20	3.167		0.0000	0.000	193.0	0.025	BB	0.021	152.95	0.046
21	3.216		0.0000	0.000	113.2	0.014	BB	0.022	85.70	0.026
22	3.283		0.0000	0.000	21.7	0.003	BB	0.008	47.13	0.014
23	3.317		0.0000	0.000	15.4	0.002	BB	0.006	42.86	0.013
24	3.334		0.0000	0.000	38.8	0.005	BB	0.011	60.40	0.018
25	3.382		0.0000	0.000	3505.9	0.448	BB	0.036	1622.05	0.484
26	3.450		0.0000	0.000	23.9	0.003	BB	0.008	48.85	0.015
27	3.483		0.0000	0.000	220.5	0.028	BB	0.027	133.65	0.040
28	3.550		0.0000	0.000	31.1	0.004	BB	0.009	58.42	0.017
29	3.583		0.0000	0.000	25.3	0.003	BB	0.009	45.30	0.014
30	3.616		0.0000	0.000	151.7	0.019	BB	0.022	113.95	0.034
31	3.666		0.0000	0.000	471.8	0.060	BB	0.033	241.46	0.072
32	3.817		0.0000	0.000	1867.5	0.239	BB	0.069	451.83	0.135
33	3.899		0.0000	0.000	749.6	0.096	BB	0.044	281.55	0.084
34	4.000		0.0000	0.000	150.6	0.019	BB	0.076	32.83	0.010
35	4.017		0.0000	0.000	378.6	0.048	BB	0.027	234.08	0.070
36	4.099		0.0000	0.000	173.0	0.022	BB	0.025	113.11	0.034
37	4.150		0.0000	0.000	16.8	0.002	BB	0.007	41.40	0.012
38	4.200		0.0000	0.000	156.0	0.020	BB	0.076	34.15	0.010
39	4.217		0.0000	0.000	602.8	0.077	BB	0.047	211.52	0.063
40	4.316		0.0000	0.000	107.6	0.014	BB	0.036	49.67	0.015
41	4.350		0.0000	0.000	145.3	0.019	BB	0.035	70.06	0.021
42	4.383		0.0000	0.000	563.9	0.072	BB	0.062	150.52	0.045
43	4.550		0.0000	0.000	12894.7	1.649	BB	0.108	1998.79	0.596
44	4.751		0.0000	0.000	23341.7	2.985	BB	0.181	2150.66	0.642
45	4.866		0.0000	0.000	213.0	0.027	BB	0.050	70.76	0.021
46	4.899		0.0000	0.000	9527.2	1.218	BB	0.042	3805.04	1.135
47	4.998		0.0000	0.000	702.5	0.090	BB	0.025	475.36	0.142
48	5.052		0.0000	0.000	8159.5	1.044	BB	0.028	4790.48	1.429
49	5.096		0.0000	0.000	959.4	0.123	BB	0.025	646.59	0.193
50	5.267		0.0000	0.000	5625.8	0.719	BB	0.058	1613.36	0.481
51	5.348		0.0000	0.000	5927.8	0.758	BB	0.023	4211.50	1.257
52	5.456		0.0000	0.000	26985.0	3.451	BB	0.048	9379.02	2.798
53	5.496		0.0000	0.000	1769.9	0.226	BB	0.021	1419.84	0.424
54	5.573		0.0000	0.000	44771.8	5.726	BB	0.037	20266.23	6.047
55	5.671		0.0000	0.000	3599.9	0.460	BB	0.021	2837.96	0.847
56	5.707		0.0000	0.000	4691.0	0.600	BB	0.027	2909.89	0.868
57	5.768		0.0000	0.000	67202.4	8.595	BB	0.038	29550.05	8.816
58	5.912		0.0000	0.000	51733.3	6.616	BB	0.036	23622.54	7.048
59	5.978		0.0000	0.000	4197.5	0.537	BB	0.024	2866.09	0.855
60	6.037		0.0000	0.000	6054.1	0.774	BB	0.024	4256.08	1.270
61	6.087		0.0000	0.000	41372.2	5.291	BB	0.028	24781.88	7.394
62	6.124		0.0000	0.000	8046.3	1.029	BB	0.022	6149.40	1.835

6SX84 8763

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.179		0.0000	0.000	9906.3	1.267	BB	0.025	6604.25	1.970
64	6.285		0.0000	0.000	40.6	0.005	BB	0.047	14.52	0.004
65	6.316		0.0000	0.000	5262.6	0.673	BB	0.035	2514.61	0.750
66	6.381		0.0000	0.000	50096.0	6.407	BB	0.043	19641.10	5.860
67	6.478		0.0000	0.000	13476.9	1.724	BB	0.026	8556.34	2.553
68	6.523		0.0000	0.000	2863.7	0.366	BB	0.020	2377.55	0.709
69	6.557		0.0000	0.000	2542.7	0.325	BB	0.020	2095.30	0.625
70	6.631		0.0000	0.000	127298.1	16.281	BB	0.040	52557.26	15.681
71	6.814		0.0000	0.000	1104.0	0.141	BB	0.037	492.21	0.147
72	6.917		0.0000	0.000	12522.9	1.602	BB	0.028	7438.68	2.219
73	6.976		0.0000	0.000	88707.7	11.345	BB	0.039	38213.74	11.401
74	7.191		0.0000	0.000	398.1	0.051	BB	0.026	259.20	0.077
75	7.256		0.0000	0.000	3812.2	0.488	BB	0.051	1254.27	0.374
76	7.371		0.0000	0.000	14570.1	1.863	BB	0.043	5660.18	1.689
77	7.540		0.0000	0.000	36757.9	4.701	BB	0.044	14037.55	4.188
78	7.783		0.0000	0.000	2473.7	0.316	BB	0.082	500.85	0.149
79	7.897		0.0000	0.000	9120.1	1.166	BB	0.051	2967.48	0.885
80	8.034		0.0000	0.000	28.9	0.004	BB	0.011	42.11	0.013
81	8.066		0.0000	0.000	92.3	0.012	BB	0.024	62.87	0.019
82	8.090		0.0000	0.000	278.7	0.036	BB	0.038	121.43	0.036
83	8.182		0.0000	0.000	976.3	0.125	BB	0.046	355.84	0.106
84	8.282		0.0000	0.000	348.9	0.045	BB	0.042	137.12	0.041
85	8.484		0.0000	0.000	2098.6	0.268	BB	0.066	528.11	0.158
86	8.582		0.0000	0.000	224.7	0.029	BB	0.024	159.23	0.048
87	8.716		0.0000	0.000	46.1	0.006	BB	0.014	56.19	0.017
88	8.767		0.0000	0.000	217.0	0.028	BB	0.030	120.97	0.036
89	8.867		0.0000	0.000	230.5	0.029	BB	0.044	86.67	0.026
90	8.956		0.0000	0.000	2682.1	0.343	BB	0.096	466.14	0.139
91	9.066		0.0000	0.000	149.2	0.019	BB	0.024	105.53	0.031
92	9.149		0.0000	0.000	117.9	0.015	BB	0.022	90.88	0.027
93	9.193		0.0000	0.000	1350.0	0.173	BB	0.059	379.46	0.113
94	9.349		0.0000	0.000	97.2	0.012	BB	0.027	59.26	0.018
95	9.384		0.0000	0.000	30.3	0.004	BB	0.010	49.78	0.015
96	9.513		0.0000	0.000	374.8	0.048	BB	0.035	179.07	0.053
97	9.549		0.0000	0.000	17.4	0.002	BB	0.008	34.31	0.010
98	9.567		0.0000	0.000	72.4	0.009	BB	0.018	67.04	0.020
99	9.649		0.0000	0.000	148.9	0.019	BB	0.054	46.37	0.014
100	9.683		0.0000	0.000	8061.8	1.031	BB	0.260	517.09	0.154
101	9.930		0.0000	0.000	37671.5	4.818	BB	0.060	10439.29	3.115

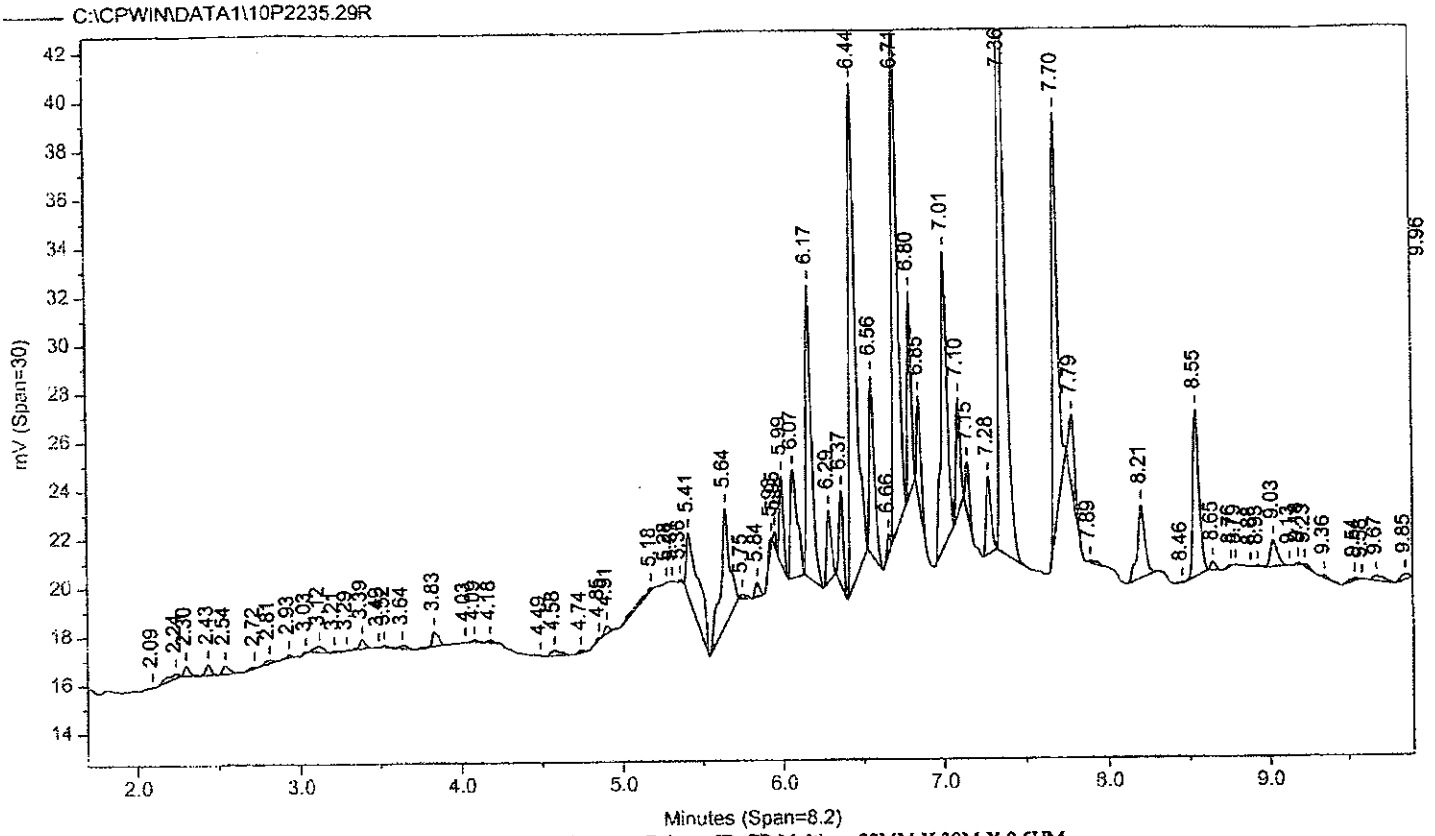
Total Area = 781904.1, Total Amount = 780.349, Total Height = 335171.0, Sample Units = ug/l

8SX84 8764

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.29R

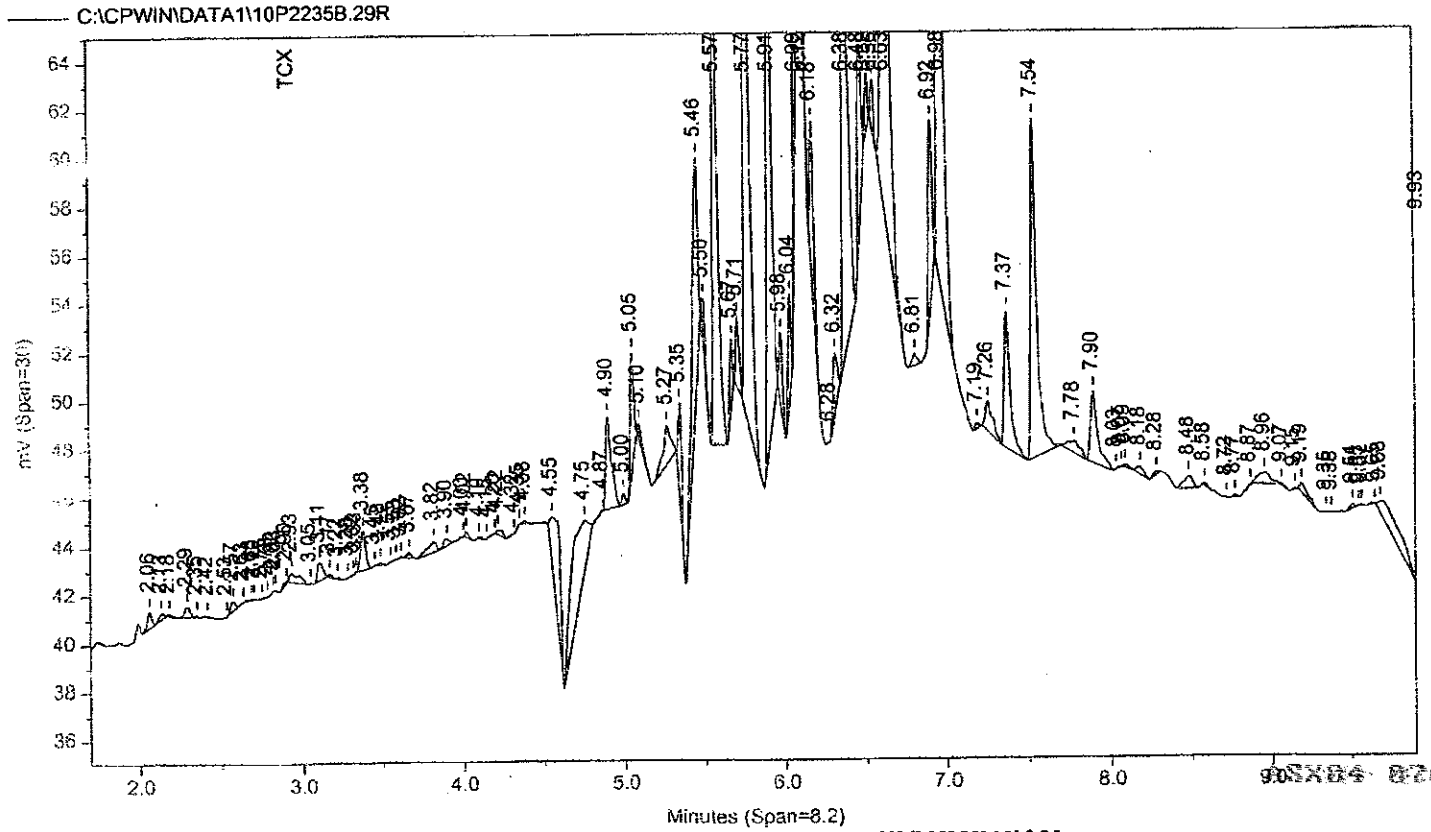
C:\CPWIN\DATA1\10P2235.29R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 9:35:59 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.29R

C:\CPWIN\DATA1\10P2235B.29R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 9:35:59 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10000

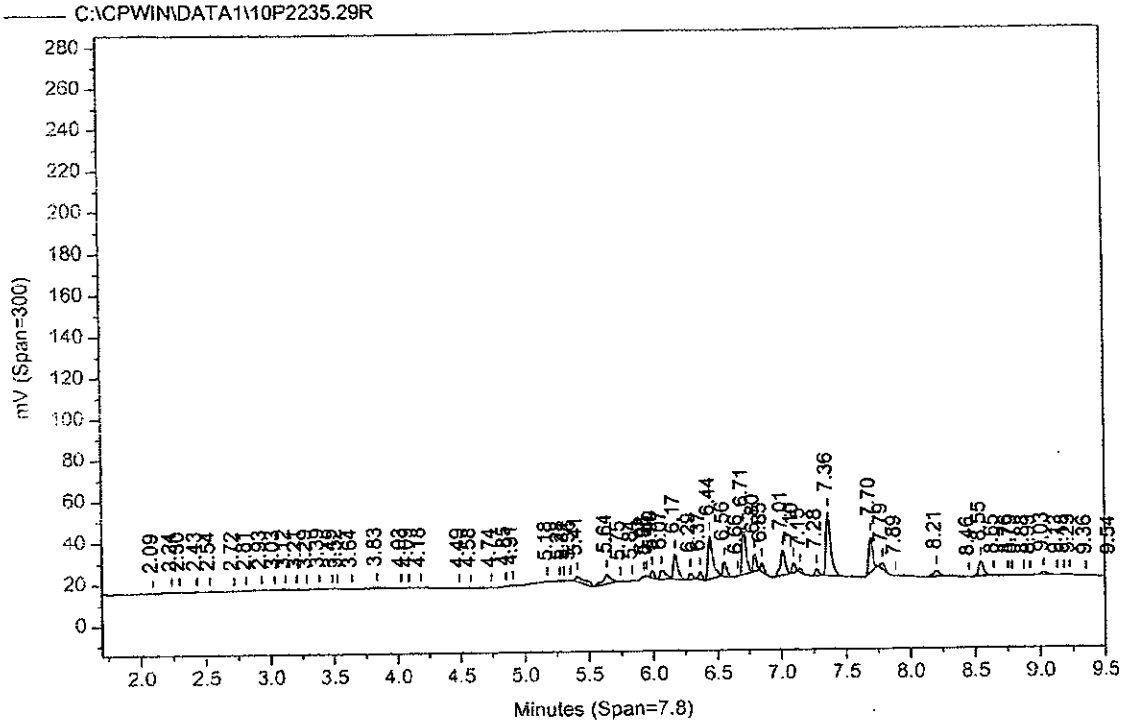
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
	0		TCX	2.933	416	26.01165	TCX

Files:
Area File: C:\CPWIN\DATA1\10P2235.29A
Area File: C:\CPWIN\DATA1\10P2235B.29A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 9:46:02 PM
File Reported On: 9/8/2008 at 9:46:09 PM

10X REPLOTS

8SX84 8766

C:\CPWIN\DATA1\10P2235.29R



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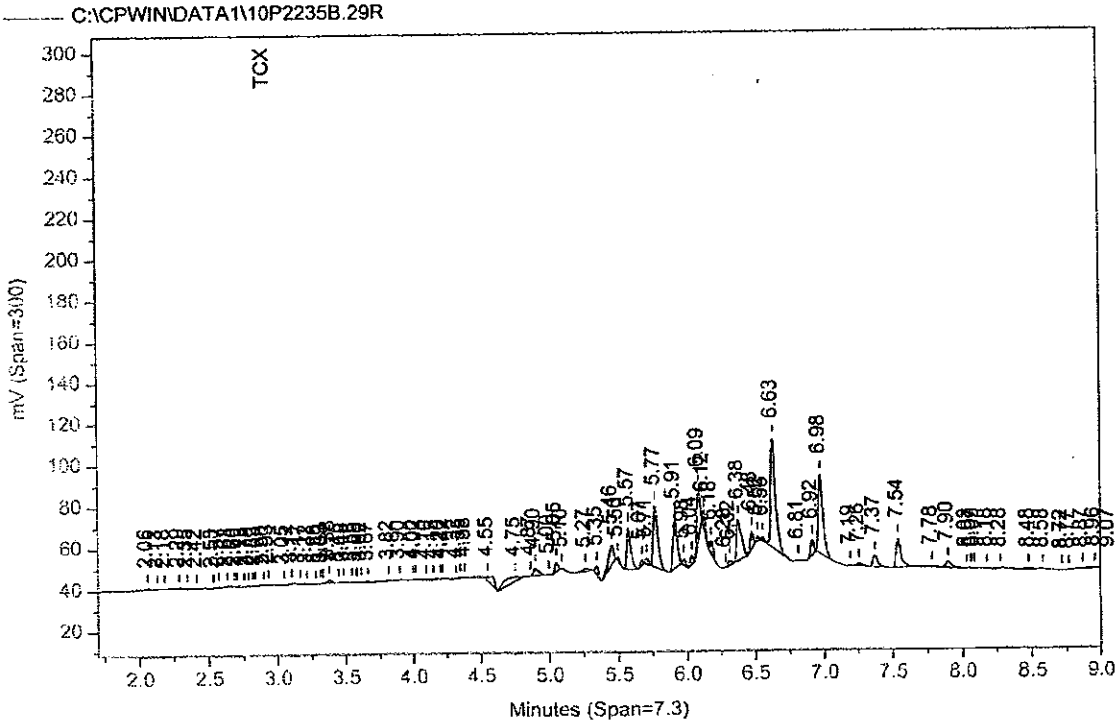


Multiple Component Data Summary

Sample Name: 5454426 ACF DF1000 AMS16 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 21:50:22
Instrument H2601A
Result file 10P2235.30R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.71**	
6.03	6.06	6.09	9018.643555	42788.703767			1
6.14	6.17	6.20	20726.109375	48289.781369			2
6.41	6.44	6.47	26790.345703	53376.196522			3
6.68	6.71	6.74	29725.222651	54596.529902			4
6.77	6.80	6.83	14270.395501	47311.274054			5
6.98	7.01	7.04	18068.128901	54961.659454			6

Height summation: **118598.845703**
Concentration CF: **50220.690845** L:

Analysis Report (B)

Injected on Sep 08, 2008 21:50:22
Instrument H2601B
Result file 10P2235B.30R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 103.4% Conc: 10.31520
%SSR(DCB) 100.0% Conc: 10.01663

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.31**	
5.43	5.45	5.49	13944.62793	51606.975399			1
5.54	5.57	5.60	33563.894537	46531.058138			2
5.74	5.76	5.80	43042.972650	51187.77726			3
6.06	6.08	6.12	31876.263675	56416.533007			4
6.35	6.38	6.41	30792.136715	48183.483114			5
7.51	7.54	7.57	19890	43136.203702			6

Height summation: **173109.895508**
Concentration CF: **49510.338437** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17000	<3300			4	15	
Aroclor-1221			<17000	<5200			3	5	
Aroclor-1232			<17000	<3300			4	10	
Aroclor-1242			<17000	<3300			4	30	
Aroclor-1248			<17000	<3300			4	30	
Aroclor-1254			<17000	<3300			4	40	
Aroclor-1260	A	50220.690845	17000	3300		1.42	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Brunnalt Date: 9-9-08
Verified By: A Carey (ISI) Date: 9-10-08

ASX04 0768

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454426** ACF DF1000 AMS16 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:50:22
Instrument : CP02--H2601A
Result file : 10P2235.30R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	203.37	
3.73	3.76	3.79	29.280085	144.472298			1
4.55	4.56	4.61	188.457184	338.25919			3
4.71	4.73	4.77	112.010277	488.931421			4
5.14	5.18	5.20	247.20993	1371.276734			5
5.38	5.41	5.44	5776.744141	29813.484018			6
Height Summation:			6353.701617				
Amount Avg CF:			6431.284732	Linear:			
Aroclor-1221					1		
3.72	3.76	3.78	29.280085	101.772975			3
Height Summation:			29.280085				
Amount Avg CF:			101.772975	Linear:			
Aroclor-1232					5	219.55	
3.72	3.76	3.78	29.280085	123.108329			1
4.55	4.56	4.61	188.457184	693.40539			3
4.70	4.73	4.76	112.010277	1052.480874			4
5.13	5.18	5.19	247.20993	2923.658329			5
E 5.38	5.41	5.44	5776.744141	324718.613884			6
Height Summation:			6353.701617				
Amount Avg CF:			65902.253361	Linear:			
Aroclor-1242					5	217.09	
3.73	3.76	3.79	29.280085	172.85094			1
4.55	4.56	4.61	188.457184	427.195249			3
4.71	4.73	4.77	112.010277	625.03991			4
5.14	5.18	5.20	247.20993	1661.189598			5
E 5.38	5.41	5.44	5776.744141	120688.272036			6
Height Summation:			6353.701617				
Amount Avg CF:			24714.909547	Linear:			
Aroclor-1248					4	65.19	
4.55	4.56	4.61	188.457184	677.095896			1
5.62	5.64	5.68	8663.543945	27890.217838			4
5.96	5.99	6.02	4204.338867	25632.58653			5
6.26	6.29	6.32	2658.293457	22913.162469			6
Height Summation:			15714.633453				
Amount Avg CF:			19278.265683	Linear:			
Aroclor-1254					6	103.01	
4.82	4.85	4.88	443.626404	1919.448551			1
5.61	5.64	5.67	8663.543945	22584.390781			2
5.96	5.99	6.02	4204.338867	7656.645114			3
6.26	6.29	6.32	2658.293457	6414.370506			4
6.52	6.56	6.58	9767.608398	34692.8799			5
6.68	6.71	6.74	29725.22265	64107.274673			6
Height Summation:			55462.633727				
Amount Avg CF:			22895.834921	Linear:			
Aroclor-1260					6	9.71	
6.03	6.06	6.09	9018.643555	42788.703767			1
6.14	6.17	6.20	20726.10937	48289.781369			2
6.41	6.44	6.47	26790.34570	53376.196522			3
6.68	6.71	6.74	29725.22265	54596.529902			4
6.77	6.80	6.83	14270.39550	47311.274054			5
6.98	7.01	7.04	18068.12890	54961.659454			6
Height Summation:			118598.845703				
Amount Avg CF:			50220.690845	Linear:			

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:37:06

Analysis Report (B)

Injected on : SEP 08, 2008 21:50:22
Instrument : CP02--H2601B
Result file : 10P2235B.30R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 103.4% Conc.: 10.315201
%SSR(DCB) : 100% Conc.: 10.016636

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	153.29	
3.32	3.37	3.38	2378.220215	6316.70429			1
3.84	3.90	3.90	151.792328	356.481691			3
4.08	4.13	4.14	161.687943	169.537211			4
Height Summation:			2691.700486				
Amount Avg CF:			2280.907731	Linear:			
Aroclor-1221					1		
3.32	3.37	3.38	2378.220215	4548.657744			3
Height Summation:			2378.220215				
Amount Avg CF:			4548.657744	Linear:			
Aroclor-1232					3	89.71	
3.32	3.37	3.38	2378.220215	5488.749371			1
4.07	4.13	4.13	161.687943	327.277028			4
4.34	4.35	4.40	1118.904419	9397.030478			5
Height Summation:			3658.812577				
Amount Avg CF:			5071.018959	Linear:			
Aroclor-1242					2	133.61	
3.32	3.37	3.38	2378.220215	7561.42762			1
4.08	4.13	4.14	161.687943	214.729301			4
Height Summation:			2539.908158				
Amount Avg CF:			3888.078461	Linear:			
Aroclor-1248					2	95.02	
4.52	4.55	4.58	2091.098633	4232.629898			3
4.87	4.90	4.93	8874.950195	21565.061719			5
Height Summation:			10966.048828				
Amount Avg CF:			12898.845809	Linear:			
Aroclor-1254					6	103.71	
5.24	5.26	5.30	1813.439941	6374.79939			1
5.32	5.35	5.38	5555.472656	10879.771918			2
5.41	5.45	5.47	13944.62793	15011.314204			3
5.64	5.67	5.70	1665.061157	2546.009452			4
5.94	5.98	6.00	2285.779297	6022.210288			5
6.05	6.08	6.11	31876.26367	41278.42358			6
Height Summation:			57140.644653				
Amount Avg CF:			13685.421472	Linear:			
Aroclor-1260					6	9.31	
5.43	5.45	5.49	13944.62793	51606.975399			1
5.54	5.57	5.60	33563.89453	46531.058138			2
5.74	5.76	5.80	43042.97265	51187.77726			3
6.06	6.08	6.12	31876.26367	56416.533007			4
6.35	6.38	6.41	30792.13671	48183.483114			5
7.51	7.54	7.57	19890	43136.203702			6
Height Summation:			173109.895508				
Amount Avg CF:			49510.338437	Linear:			
Aroclor-1262					6	82.45	
6.05	6.08	6.11	31876.26367	103569.350817			1
6.14	6.18	6.20	10372.89062	40987.773577			2
6.44	6.48	6.50	12247.07031	33209.293154			3
6.88	6.92	6.94	12436.04492	18239.753676			4
7.34	7.37	7.40	8070.166016	28006.851466			5
7.86	7.90	7.92	4685.152832	14336.989866			6
Height Summation:			79687.588380				
Amount Avg CF:			39725.002093	Linear:			

ASX84 8769

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454426** ACF DF1000 AMS16 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 21:50:22
Instrument : CP02--H2601A
Result file : 10P2235.30R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	36.93	
6.03	6.06	6.09	9018.643555	36273.206298			1
6.13	6.17	6.19	20726.10937	52932.466066			2
6.40	6.44	6.46	26790.34570	62277.031121			3
6.67	6.71	6.73	29725.22265	76569.916648			4
6.76	6.80	6.82	14270.39550	26945.57015			5
6.98	7.01	7.04	18068.12890	41141.59344			6
Height Summation:			**118598.845703**				
Amount Avg CF:			**49356.630621**	Linear:			
Aroclor-1268					5	78.73	
6.76	6.80	6.82	14270.39550	60306.840085			1
7.00	7.01	7.06	18068.12890	62951.643483			2
7.66	7.70	7.72	22874.125	20395.242373			3
8.01	8.04	8.07	357.349213	386.206902			4
8.51	8.55	8.57	9932.686523	26852.617444			6
Height Summation:			**65502.685150**				
Amount Avg CF:			**34178.510057**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 21:50:22
Instrument : CP02--H2601B
Result file : 10P2235B.30R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					6	151.40	
6.10	6.13	6.16	14734.96875	36184.668547			1
6.35	6.38	6.41	30792.13671	59432.599383			2
E 6.60	6.63	6.66	70985.03906	314536.227424			3
6.94	6.98	7.00	51577.44531	30444.452775			4
7.16	7.20	7.22	522.685913	303.851509			5
7.51	7.54	7.57	19890	25116.52857			6
Height Summation:			**188502.275758**				
Amount Avg CF:			**77669.721368**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17000	3300		** 95.28	4	15	
Aroclor-1221			17000	5200		** 191.25	3	5	
Aroclor-1232			17000	3300	E	** 171.42	4	10	
Aroclor-1242			17000	3300	E	** 145.63	4	30	
Aroclor-1248			17000	3300		39.65	4	30	
Aroclor-1254			17000	3300		** 50.36	4	40	
Aroclor-1260			17000	3300		1.42	4	40	
Aroclor-1262			0	0		21.62	4	40	
Aroclor-1268			0	0		** 77.77	4	40	

Units: _____

ASX04 8778

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:37:06

Sample Name: **5454426ACF DF1000 ADAMS16 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 10:00:22pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.30R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.100		0.0000	0.000	182.2	0.026	BB	0.049	62.26	0.022
2	2.239		0.0000	0.000	781.4	0.112	BB	0.075	172.74	0.060
3	2.300		0.0000	0.000	3028.9	0.434	BB	0.038	1338.51	0.465
4	2.436		0.0000	0.000	774.0	0.111	BB	0.037	352.23	0.122
5	2.540		0.0000	0.000	144.4	0.021	BB	0.041	58.52	0.020
6	2.615		0.0000	0.000	103.3	0.015	BB	0.048	35.93	0.012
7	2.716		0.0000	0.000	203.8	0.029	BB	0.059	57.65	0.020
8	2.807		0.0000	0.000	215.3	0.031	BB	0.051	70.54	0.025
9	2.929		0.0000	0.000	1350.7	0.194	BB	0.039	573.06	0.199
10	3.026		0.0000	0.000	115.0	0.016	BB	0.031	61.07	0.021
11	3.126		0.0000	0.000	763.2	0.109	BB	0.066	194.17	0.067
12	3.205		0.0000	0.000	108.3	0.016	BB	0.032	55.84	0.019
13	3.386		0.0000	0.000	1451.2	0.208	BB	0.058	420.57	0.146
14	3.531		0.0000	0.000	89.5	0.013	BB	0.036	41.47	0.014
15	3.623		0.0000	0.000	369.1	0.053	BB	0.065	94.84	0.033
16	3.756		0.0000	0.000	78.4	0.011	BB	0.045	29.28	0.010
17	3.861		0.0000	0.000	2631.5	0.377	BB	0.036	1224.61	0.425
18	4.023		0.0000	0.000	469.2	0.067	BB	0.072	108.07	0.038
19	4.073		0.0000	0.000	34.3	0.005	BB	0.020	28.02	0.010
20	4.131		0.0000	0.000	396.5	0.057	BB	0.063	104.76	0.036
21	4.496		0.0000	0.000	33.7	0.005	BB	0.025	22.85	0.008
22	4.564		0.0000	0.000	542.3	0.078	BB	0.048	188.46	0.065
23	4.644		0.0000	0.000	85.6	0.012	BB	0.028	51.74	0.018
24	4.734		0.0000	0.000	290.0	0.042	BB	0.043	112.01	0.039
25	4.850		0.0000	0.000	795.7	0.114	BB	0.030	443.63	0.154
26	4.905		0.0000	0.000	504.6	0.072	BB	0.035	243.21	0.084
27	5.180		0.0000	0.000	2373.3	0.340	BB	0.160	247.21	0.086
28	5.300		0.0000	0.000	718.2	0.103	BB	0.072	166.06	0.058
29	5.360		0.0000	0.000	94.0	0.013	BB	0.022	72.08	0.025
30	5.413		0.0000	0.000	22980.5	3.295	BB	0.066	5776.74	2.007
31	5.642		0.0000	0.000	30694.1	4.400	BB	0.059	8663.54	3.010
32	5.749		0.0000	0.000	33.0	0.005	BB	0.014	40.67	0.014
33	5.779		0.0000	0.000	134.4	0.019	BB	0.023	97.10	0.034
34	5.838		0.0000	0.000	1366.4	0.196	BB	0.032	711.58	0.247
35	5.928		0.0000	0.000	9916.4	1.422	BB	0.045	3687.66	1.281
36	5.995		0.0000	0.000	7269.1	1.042	BB	0.029	4204.34	1.461
37	6.065		0.0000	0.000	27074.0	3.881	BB	0.050	9018.64	3.133
38	6.169		0.0000	0.000	48612.4	6.969	BB	0.039	20726.11	7.200
39	6.289		0.0000	0.000	5322.3	0.763	BB	0.033	2658.29	0.923
40	6.367		0.0000	0.000	9676.0	1.387	BB	0.030	5440.67	1.890
41	6.443		0.0000	0.000	60303.1	8.645	BB	0.038	26790.35	9.307
42	6.497		0.0000	0.000	1802.8	0.258	BB	0.020	1490.45	0.518
43	6.558		0.0000	0.000	21326.7	3.058	BB	0.036	9767.61	3.393
44	6.663		0.0000	0.000	1755.6	0.252	BB	0.025	1185.20	0.412
45	6.710		0.0000	0.000	65670.5	9.415	BB	0.037	29725.22	10.326
46	6.797		0.0000	0.000	25040.4	3.590	BB	0.029	14270.40	4.957
47	6.854		0.0000	0.000	11684.7	1.675	BB	0.028	6840.03	2.376
48	7.015		0.0000	0.000	46916.7	6.726	BB	0.043	18068.13	6.277
49	7.096		0.0000	0.000	11657.9	1.671	BB	0.029	6734.15	2.339
50	7.148		0.0000	0.000	4251.1	0.609	BB	0.025	2834.29	0.985
51	7.277		0.0000	0.000	8467.8	1.214	BB	0.034	4117.11	1.430
52	7.364		0.0000	0.000	107756.9	15.449	BB	0.043	42151.33	14.643
53	7.513		0.0000	0.000	43.4	0.006	BB	0.016	44.19	0.015
54	7.543		0.0000	0.000	239.1	0.034	BB	0.031	129.85	0.045
55	7.697		0.0000	0.000	49454.9	7.090	BB	0.036	22874.13	7.946
56	7.792		0.0000	0.000	13292.3	1.906	BB	0.040	5596.66	1.944
57	8.043		0.0000	0.000	849.0	0.122	BB	0.040	357.35	0.124
58	8.206		0.0000	0.000	14535.8	2.084	BB	0.054	4489.27	1.560
59	8.548		0.0000	0.000	26659.8	3.822	BB	0.045	9932.69	3.450
60	8.650		0.0000	0.000	973.1	0.140	BB	0.035	468.23	0.163
61	8.751		0.0000	0.000	253.7	0.036	BB	0.049	86.17	0.030
62	8.813		0.0000	0.000	192.2	0.028	BB	0.044	72.57	0.025

ASX84 8772

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.934		0.0000	0.000	512.5	0.073	BB	0.063	134.81	0.047
64	9.034		0.0000	0.000	6365.0	0.913	BB	0.053	2018.85	0.701
65	9.181		0.0000	0.000	975.3	0.140	BB	0.069	237.22	0.082
66	9.328		0.0000	0.000	711.2	0.102	BB	0.083	142.64	0.050
67	9.529		0.0000	0.000	288.8	0.041	BB	0.060	80.25	0.028
68	9.653		0.0000	0.000	1336.9	0.192	BB	0.119	187.50	0.065
69	9.859		0.0000	0.000	268.1	0.038	BB	0.049	90.44	0.031
70	9.922		0.0000	0.000	32127.7	4.606	BB	0.058	9290.41	3.227

Total Area = 697519.1, Total Amount = 0.0, Total Height = 287864.2, Sample Units = ug/l

ASX84 8772

Sample Name: **5454426ACF DF1000 ADAMS16 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 10:00:22pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.30R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	6558.8	0.587	BB	0.045	2451.88	0.507
2	2.263		0.0000	0.000	230.6	0.021	BB	0.041	92.93	0.019
3	2.363		0.0000	0.000	137.2	0.012	BB	0.030	76.68	0.016
4	2.398		0.0000	0.000	224.5	0.020	BB	0.032	117.48	0.024
5	2.497		0.0000	0.000	167.4	0.015	BB	0.026	105.78	0.022
6	2.572		0.0000	0.000	5195.2	0.465	BB	0.063	1376.99	0.285
7	2.780		0.0000	0.000	29.5	0.003	BB	0.009	54.68	0.011
8	2.830		0.0000	0.000	141.9	0.013	BB	0.050	47.25	0.010
9	2.886		0.0000	0.000	115.1	0.010	BB	0.022	87.31	0.018
10	2.921	TCX	309.4560	50.734	226.8	0.020	BB	0.023	164.86	0.034
11	2.970		0.0000	0.000	421.7	0.038	BB	0.037	191.24	0.040
12	3.110		0.0000	0.000	3844.6	0.344	BB	0.074	866.99	0.179
13	3.366		0.0000	0.000	5759.3	0.515	BB	0.040	2378.22	0.491
14	3.487		0.0000	0.000	270.1	0.024	BB	0.036	123.69	0.026
15	3.613		0.0000	0.000	677.0	0.061	BB	0.055	205.98	0.043
16	3.763		0.0000	0.000	184.7	0.017	BB	0.055	55.72	0.012
17	3.820		0.0000	0.000	587.8	0.053	BB	0.039	248.48	0.051
18	3.896		0.0000	0.000	333.9	0.030	BB	0.037	151.79	0.031
19	3.996		0.0000	0.000	220.6	0.020	BB	0.074	49.75	0.010
20	4.021		0.0000	0.000	508.9	0.046	BB	0.027	311.99	0.064
21	4.130		0.0000	0.000	444.6	0.040	BB	0.046	161.69	0.033
22	4.263		0.0000	0.000	404.6	0.036	BB	0.058	115.96	0.024
23	4.347		0.0000	0.000	3763.0	0.337	BB	0.056	1118.90	0.231
24	4.497		0.0000	0.000	111.9	0.010	BB	0.034	55.56	0.011
25	4.513		0.0000	0.000	50.8	0.005	BB	0.011	80.23	0.017
26	4.547		0.0000	0.000	13769.4	1.232	BB	0.110	2091.10	0.432
27	4.780		0.0000	0.000	23127.7	2.070	BB	0.464	830.26	0.172
28	4.864		0.0000	0.000	147.4	0.013	BB	0.063	38.97	0.008
29	4.896		0.0000	0.000	20152.4	1.804	BB	0.038	8874.95	1.834
30	4.994		0.0000	0.000	1861.4	0.167	BB	0.024	1274.38	0.263
31	5.048		0.0000	0.000	33260.0	2.977	BB	0.045	12233.98	2.528
32	5.264		0.0000	0.000	5483.0	0.491	BB	0.050	1813.44	0.375
33	5.346		0.0000	0.000	7823.0	0.700	BB	0.023	5555.47	1.148
34	5.455		0.0000	0.000	35395.7	3.168	BB	0.042	13944.63	2.881
35	5.492		0.0000	0.000	2998.2	0.268	BB	0.020	2445.25	0.505
36	5.571		0.0000	0.000	75861.1	6.790	BB	0.038	33563.89	6.935
37	5.667		0.0000	0.000	1917.0	0.172	BB	0.019	1665.06	0.344
38	5.704		0.0000	0.000	8665.0	0.776	BB	0.027	5325.14	1.100
39	5.765		0.0000	0.000	99030.9	8.863	BB	0.038	43042.97	8.894
40	5.908		0.0000	0.000	82309.7	7.367	BB	0.037	37538.93	7.757
41	5.976		0.0000	0.000	2912.9	0.261	BB	0.021	2285.78	0.472
42	6.035		0.0000	0.000	8863.9	0.793	BB	0.025	5961.50	1.232
43	6.084		0.0000	0.000	51493.3	4.609	BB	0.027	31876.26	6.587
44	6.125		0.0000	0.000	19316.6	1.729	BB	0.022	14734.97	3.045
45	6.178		0.0000	0.000	16018.3	1.434	BB	0.026	10372.89	2.143
46	6.313		0.0000	0.000	8673.0	0.776	BB	0.033	4328.90	0.894
47	6.380		0.0000	0.000	74808.3	6.695	BB	0.040	30792.14	6.363
48	6.479		0.0000	0.000	20146.0	1.803	BB	0.027	12247.07	2.531
49	6.523		0.0000	0.000	3677.8	0.329	BB	0.019	3181.23	0.657
50	6.558		0.0000	0.000	3286.8	0.294	BB	0.020	2794.13	0.577
51	6.595		0.0000	0.000	91.1	0.008	BB	0.014	110.68	0.023
52	6.632		0.0000	0.000	168243.6	15.058	BB	0.040	70985.04	14.668
53	6.813		0.0000	0.000	309.9	0.028	BB	0.020	259.78	0.054
54	6.917		0.0000	0.000	20166.9	1.805	BB	0.027	12436.04	2.570
55	6.976		0.0000	0.000	117694.0	10.534	BB	0.038	51577.45	10.658
56	7.196		0.0000	0.000	801.6	0.072	BB	0.026	522.69	0.108
57	7.258		0.0000	0.000	3555.8	0.318	BB	0.056	1063.30	0.220
58	7.373		0.0000	0.000	20488.4	1.834	BB	0.042	8070.17	1.668
59	7.542		0.0000	0.000	52481.6	4.697	BB	0.044	19890.00	4.110
60	7.696		0.0000	0.000	99.4	0.009	BB	0.013	128.74	0.027
61	7.730		0.0000	0.000	139.7	0.013	BB	0.016	145.39	0.030
62	7.763		0.0000	0.000	458.4	0.041	BB	0.029	264.05	0.055

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.898		0.0000	0.000	12949.2	1.159	BB	0.046	4685.15	0.968
64	8.080		0.0000	0.000	1363.2	0.122	BB	0.066	344.37	0.071
65	8.180		0.0000	0.000	143.2	0.013	BB	0.032	74.61	0.015
66	8.213	DCB	300.4991	49.266	136.2	0.012	BB	0.016	138.21	0.029
67	8.264		0.0000	0.000	25.9	0.002	BB	0.007	60.74	0.013
68	8.297		0.0000	0.000	44.4	0.004	BB	0.012	59.38	0.012
69	8.329		0.0000	0.000	258.5	0.023	BB	0.031	140.10	0.029
70	8.396		0.0000	0.000	61.6	0.006	BB	0.010	98.00	0.020
71	8.429		0.0000	0.000	116.7	0.010	BB	0.018	109.95	0.023
72	8.463		0.0000	0.000	767.9	0.069	BB	0.061	208.95	0.043
73	8.564		0.0000	0.000	15.9	0.001	BB	0.005	49.91	0.010
74	8.580		0.0000	0.000	532.0	0.048	BB	0.038	235.50	0.049
75	8.680		0.0000	0.000	152.6	0.014	BB	0.022	116.20	0.024
76	8.730		0.0000	0.000	51.2	0.005	BB	0.010	86.29	0.018
77	8.763		0.0000	0.000	35.9	0.003	BB	0.009	63.87	0.013
78	8.796		0.0000	0.000	135.4	0.012	BB	0.033	68.52	0.014
79	8.814		0.0000	0.000	41.7	0.004	BB	0.010	71.06	0.015
80	8.863		0.0000	0.000	162.7	0.015	BB	0.031	86.71	0.018
81	8.897		0.0000	0.000	23.0	0.002	BB	0.008	49.79	0.010
82	8.914		0.0000	0.000	42.1	0.004	BB	0.010	68.56	0.014
83	8.947		0.0000	0.000	957.4	0.086	BB	0.052	307.23	0.063
84	9.064		0.0000	0.000	304.9	0.027	BB	0.033	153.69	0.032
85	9.164		0.0000	0.000	92.1	0.008	BB	0.036	42.18	0.009
86	9.195		0.0000	0.000	883.2	0.079	BB	0.042	352.69	0.073
87	9.380		0.0000	0.000	234.7	0.021	BB	0.039	100.56	0.021
88	9.530		0.0000	0.000	23990.9	2.147	BB	0.568	703.63	0.145
89	9.930		0.0000	0.000	37664.2	3.371	BB	0.060	10513.22	2.172

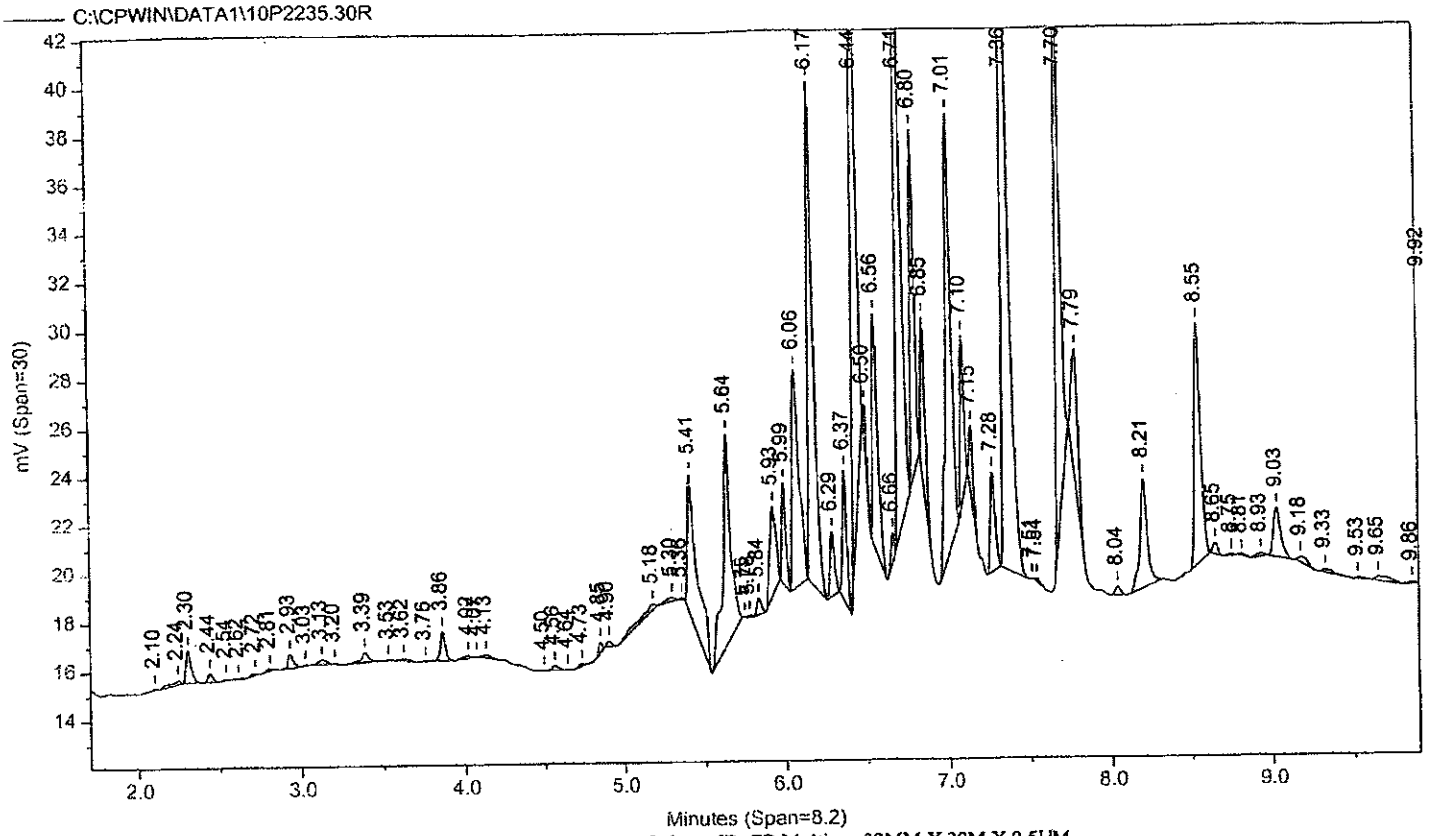
Total Area = 1117326.0, Total Amount = 609.955, Total Height = 483947.7, Sample Units = ug/l

ASX04 0274

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.30R

C:\CPWIN\DATA1\10P2235.30R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 9:50:22 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.30R

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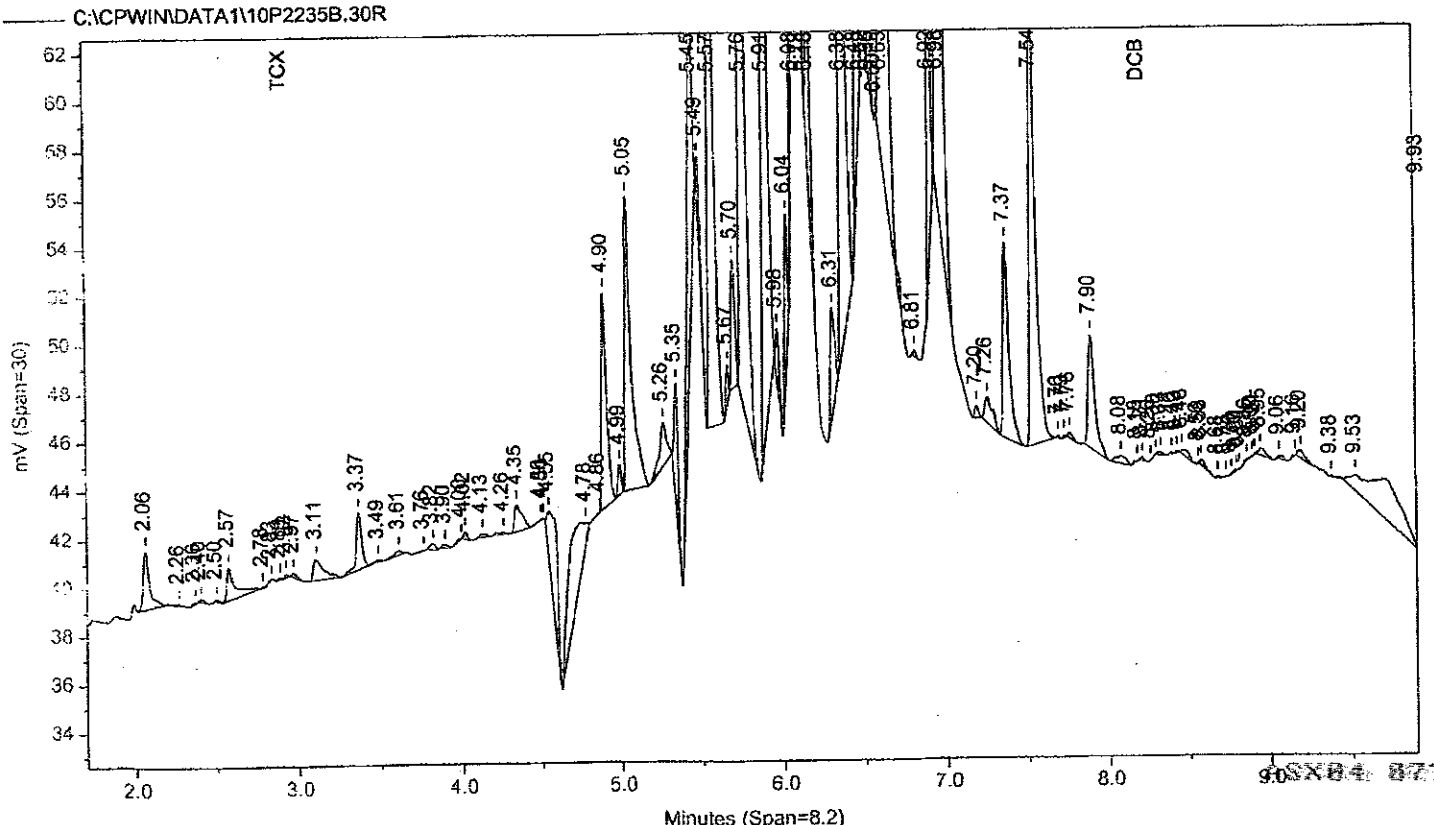


Instrument ID: CP02--H2601B Injected On: 9/8/2008 9:50:22 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10000

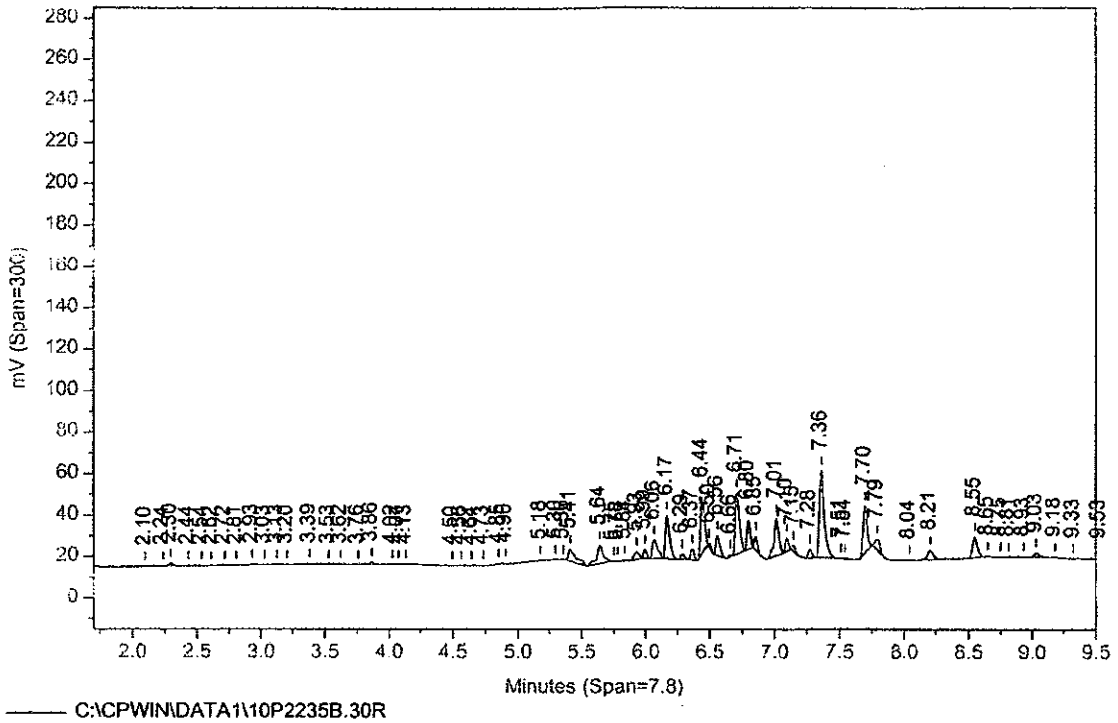
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.921	165	10.3152	TCX
.	0	.	DCB	8.213	138	10.01664	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.30A
Area File: C:\CPWIN\DATA1\10P2235B.30A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 10:00:26 PM
File Reported On: 9/8/2008 at 10:00:32 PM

10X REPLOTS

ASX84 8776

C:\CPWIN\DATA1\10P2235.30R



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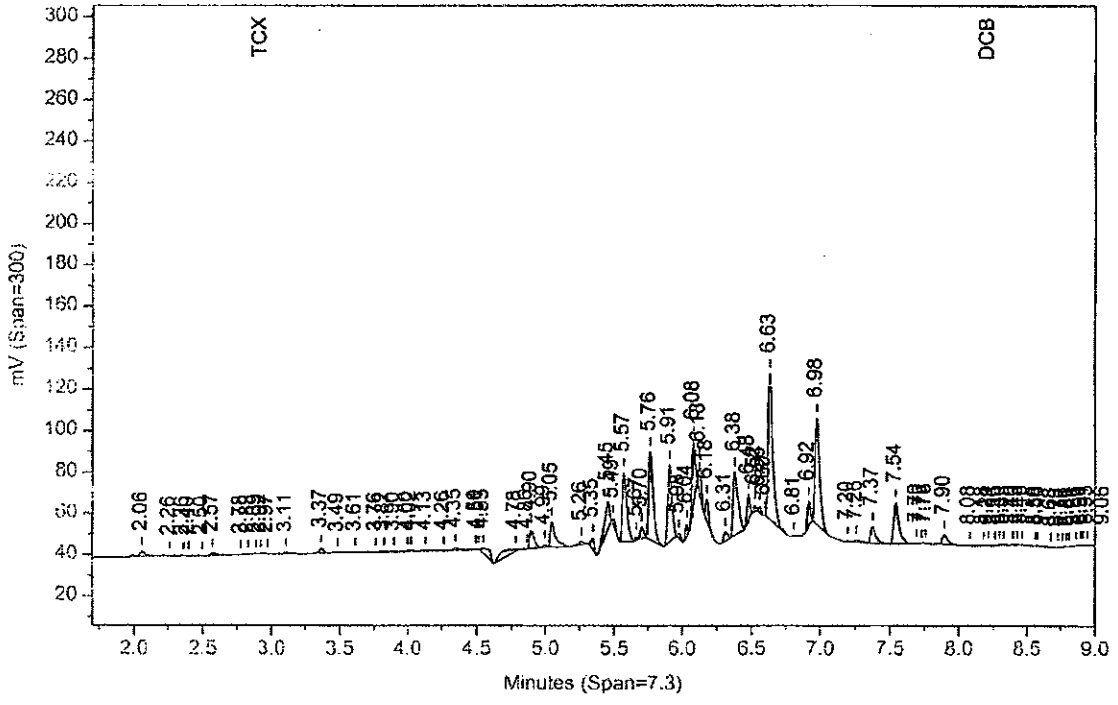

Multiple Component Data Summary

Sample Name: 5454427 ACF DF1000 AMS17 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 22:19:09
Instrument H2601A
Result file 10P2235.32R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 64.8% Conc: 6.461762
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.02**	
6.03	6.06	6.09	11704.81445	55533.166959			1
6.14	6.17	6.20	28698.62695	66864.957435			2
6.41	6.44	6.47	44170.875	88004.586827			3
6.68	6.71	6.74	46583.95312	85561.081213			4
6.77	6.79	6.83	23011.50195	76291.051266			5
6.98	7.01	7.04	31444.52148	95651.469529			6

Height summation: **185614.292968**
Concentration CF: **77984.385538** L:

Analysis Report (B)

Injected on Sep 08, 2008 22:19:09
Instrument H2601B
Result file 10P2235B.32R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 184.5% Conc: 18.40727
%SSR(DCB) 112.5% Conc: 11.26704

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.35**	
5.43	5.45	5.49	14844.29492	54936.50793			1
5.54	5.57	5.60	46398.58984	64324.343517			2
5.74	5.76	5.80	65598.97656	78011.940012			3
6.06	6.08	6.12	46828.75781	82880.358502			4
6.35	6.38	6.41	52340.55859	81902.416978			5
7.51	7.54	7.57	39404.25	85457.504008			6

Height summation: **265415.427736**
Concentration CF: **74585.511825** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17000	<3300			4	15	
Aroclor-1221			<17000	<5200			3	5	
Aroclor-1232			<17000	<3300			4	10	
Aroclor-1242			<17000	<3300			4	30	
Aroclor-1248			<17000	<3300			4	30	
Aroclor-1254			<17000	<3300			4	40	
Aroclor-1260	A	77984.385538	17000	3300		4.46	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James Bullhart Date: 9-9-08
Verified By: ACarey 1151 Date: 9-10-08

ASX84 0779

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454427** ACF DF1000 AMS17 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 22:19:09
Instrument : CP02--H2601A
Result file : 10P2235.32R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 64.8% Conc.: 6.461762
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	166.20	
4.55	4.57	4.61	137.55899	246.902727			3
4.71	4.75	4.77	70.787483	308.99151			4
5.38	5.41	5.44	3887.549561	20063.446446			6
Height Summation:			4095.896034				
Amount Avg CF:			6873.113561	Linear:			
Aroclor-1232					3	171.82	
4.55	4.57	4.61	137.55899	506.131648			3
4.70	4.75	4.76	70.787483	665.13961			4
E 5.38	5.41	5.44	3887.549561	218524.427263			6
Height Summation:			4095.896034				
Amount Avg CF:			73231.899507	Linear:			
Aroclor-1242					3	170.96	
4.55	4.57	4.61	137.55899	311.819086			3
4.71	4.75	4.77	70.787483	395.008415			4
E 5.38	5.41	5.44	3887.549561	81219.044417			6
Height Summation:			4095.896034				
Amount Avg CF:			27308.623973	Linear:			
Aroclor-1248					4	67.58	
4.55	4.57	4.61	137.55899	494.226994			1
5.62	5.64	5.68	7445.197754	23968.042238			4
5.96	5.99	6.02	4764.803223	29049.568738			5
6.26	6.29	6.32	3890.981934	33538.321731			6
Height Summation:			16238.541901				
Amount Avg CF:			21762.539925	Linear:			
Aroclor-1254					6	119.83	
4.82	4.85	4.88	141.065628	610.351892			1
5.61	5.64	5.67	7445.197754	19408.368745			2
5.96	5.99	6.02	4764.803223	8677.323229			3
6.26	6.29	6.32	3890.981934	9388.805321			4
6.52	6.55	6.58	15000.42285	53278.944779			5
6.68	6.71	6.74	46583.95312	100465.867418			6
Height Summation:			77826.424516				
Amount Avg CF:			31971.610231	Linear:			
Aroclor-1260					6	19.02	
6.03	6.06	6.09	11704.81445	55533.166959			1
6.14	6.17	6.20	28698.62695	66864.957435			2
6.41	6.44	6.47	44170.875	88004.586827			3
6.68	6.71	6.74	46583.95312	85561.081213			4
6.77	6.79	6.83	23011.50195	76291.051266			5
6.98	7.01	7.04	31444.52148	95651.469529			6
Height Summation:			185614.292968				
Amount Avg CF:			77984.385538	Linear:			
Aroclor-1262					6	39.60	
6.03	6.06	6.09	11704.81445	47077.051747			1
6.13	6.17	6.19	28698.62695	73293.499993			2
6.40	6.44	6.46	44170.875	102679.93506			3
6.67	6.71	6.73	46583.95312	119996.726322			4
6.76	6.79	6.82	23011.50195	43450.655575			5
6.98	7.01	7.04	31444.52148	71599.982795			6
Height Summation:			185614.292968				
Amount Avg CF:			76349.641915	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 22:19:09
Instrument : CP02--H2601B
Result file : 10P2235B.32R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : *184.5% Conc.: 18.40727
%SSR(DCB) : 112.5% Conc.: 11.26704

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	73.35	
+ 3.32	3.34	3.38	37.773457	100.328706			1
3.32	3.37	3.38	581.543701	1544.617091			1
3.84	3.89	3.90	184.542892	433.395831			3
+ 4.66	4.67	4.72	42.769718	134.694707			6
4.66	4.69	4.72	169.822296	534.821491			6
Height Summation:			935.908889				
Amount Avg CF:			837.611471	Linear:			
Aroclor-1221					2	25.50	
3.14	3.18	3.20	336.311371	1601.711535			1
+ 3.32	3.34	3.38	37.773457	72.246685			3
3.32	3.37	3.38	581.543701	1112.278519			3
Height Summation:			917.855072				
Amount Avg CF:			1356.995027	Linear:			
Aroclor-1232					3	21.17	
+ 3.32	3.34	3.38	37.773457	87.178234			1
3.32	3.37	3.38	581.543701	1342.158141			1
3.83	3.89	3.89	184.542892	883.572211			3
+ 4.65	4.67	4.71	42.769718	266.104949			6
4.65	4.69	4.71	169.822296	1056.601624			6
Height Summation:			935.908889				
Amount Avg CF:			1094.110659	Linear:			
Aroclor-1242					3	68.21	
+ 3.32	3.34	3.38	37.773457	120.098744			1
3.32	3.37	3.38	581.543701	1848.987985			1
3.84	3.89	3.90	184.542892	534.697704			3
+ 4.66	4.67	4.72	42.769718	184.574996			6
4.66	4.69	4.72	169.822296	732.877162			6
Height Summation:			935.908889				
Amount Avg CF:			1038.854284	Linear:			
Aroclor-1248					3	159.96	
4.52	4.55	4.58	212.735931	430.602578			3
+ 4.66	4.67	4.72	42.769718	121.622772			4
4.66	4.69	4.72	169.822296	482.917806			4
4.87	4.90	4.93	6997.603516	17003.335049			5
Height Summation:			7380.161743				
Amount Avg CF:			5972.285144	Linear:			
Aroclor-1254					6	133.09	
5.24	5.27	5.30	1516.681274	5331.601362			1
5.32	5.35	5.38	2951.585449	5780.350021			2
5.41	5.45	5.47	14844.29492	15979.800704			3
5.64	5.67	5.70	2130.214111	3257.264899			4
5.94	5.97	6.00	3182.404785	8384.497516			5
6.05	6.08	6.11	46828.75781	60641.275923			6
Height Summation:			71453.938354				
Amount Avg CF:			16562.465071	Linear:			

ASX04 0779

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:38:33

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454427** ACF DF1000 AMS17 Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10000 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 08, 2008 22:19:09
Instrument : CP02--H2601A
Result file : 10P2235.32R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**73.78**	
6.76	6.79	6.82	23011.50195	97246.846986			1
7.00	7.01	7.06	31444.52148	109556.684937			2
7.66	7.69	7.72	43551.92578	38832.177497			3
8.01	8.04	8.07	659.695251	712.968854			4
8.51	8.55	8.57	19889.05468	53769.257251			6

Height Summation: **118556.699157**
Amount Avg CF: **60023.587105** Linear:

Analysis Report (B)

Injected on : SEP 08, 2008 22:19:09
Instrument : CP02--H2601B
Result file : 10P2235B.32R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**16.35**	
5.43	5.45	5.49	14844.29492	54936.50793			1
5.54	5.57	5.60	46398.58984	64324.343517			2
5.74	5.76	5.80	65598.97656	78011.940012			3
6.06	6.08	6.12	46828.75781	82880.358502			4
6.35	6.38	6.41	52340.55859	81902.416978			5
7.51	7.54	7.57	39404.25	85457.504008			6

Height Summation: **265415.427736**
Amount Avg CF: **74585.511825** Linear:

Aroclor-1262					**6**	**69.05**	
6.05	6.08	6.11	46828.75781	152151.585146			1
6.14	6.17	6.20	16867.29101	66649.956123			2
6.44	6.47	6.50	21657.93945	58727.911413			3
6.88	6.91	6.94	23370.22851	34276.750701			4
7.34	7.37	7.40	15187.47949	52706.906083			5
7.86	7.89	7.92	8888.500977	27199.613971			6

Height Summation: **132800.197267**
Amount Avg CF: **65285.453906** Linear:

Aroclor-1268					**6**	**152.83**	
6.10	6.12	6.16	23617.45507	57997.393711			1
6.35	6.38	6.41	52340.55859	101023.695718			2
E 6.60	6.63	6.66	127297.4687	564057.808656			3
6.94	6.97	7.00	93660.98437	55284.968039			4
7.16	7.19	7.22	1047.848267	609.142641			5
7.51	7.54	7.57	39404.25	49758.570684			6

Height Summation: **337368.565064**
Amount Avg CF: **138121.929908** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17000	3300		** 156.55	4	15	
Aroclor-1221			17000	5200			3	5	
Aroclor-1232			17000	3300	E	** 194.11	4	10	
Aroclor-1242			17000	3300	E	** 185.34	4	30	
Aroclor-1248			17000	3300		** 113.87	4	30	
Aroclor-1254			17000	3300		** 63.50	4	40	
Aroclor-1260			17000	3300		4.46	4	40	
Aroclor-1262			0	0		15.62	4	40	
Aroclor-1268			0	0		** 78.83	4	40	

Units: _____

ASX04 0988

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:38:33

Sample Name: **5454427ACF DF1000 ADAMS17 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/8/08 10:29:09pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.32R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.104		0.0000	0.000	98.6	0.009	BB	0.033	49.57	0.011
2	2.188		0.0000	0.000	381.8	0.035	BB	0.067	94.43	0.021
3	2.304		0.0000	0.000	2186.1	0.203	BB	0.038	947.04	0.213
4	2.440		0.0000	0.000	609.7	0.057	BB	0.034	302.15	0.068
5	2.545		0.0000	0.000	291.2	0.027	BB	0.050	97.27	0.022
6	2.717		0.0000	0.000	233.9	0.022	BB	0.055	71.20	0.016
7	2.811		0.0000	0.000	339.1	0.031	BB	0.062	91.87	0.021
8	2.932		0.0000	0.000	951.8	0.088	BB	0.035	451.74	0.101
9	3.035		0.0000	0.000	284.0	0.026	BB	0.045	104.70	0.023
10	3.127		0.0000	0.000	316.5	0.029	BB	0.056	94.47	0.021
11	3.351	TCX	193.8529	100.000	221.8	0.021	BB	0.060	61.81	0.014
12	3.417		0.0000	0.000	518.0	0.048	BB	0.091	95.00	0.021
13	3.624		0.0000	0.000	557.8	0.052	BB	0.088	106.17	0.024
14	3.861		0.0000	0.000	1098.3	0.102	BB	0.046	394.38	0.088
15	4.013		0.0000	0.000	13.6	0.001	BB	0.018	12.29	0.003
16	4.430		0.0000	0.000	140.3	0.013	BB	0.039	59.61	0.013
17	4.565		0.0000	0.000	371.0	0.034	BB	0.045	137.56	0.031
18	4.640		0.0000	0.000	26.7	0.002	BB	0.022	20.09	0.005
19	4.684		0.0000	0.000	39.8	0.004	BB	0.023	29.27	0.007
20	4.752		0.0000	0.000	164.5	0.015	BB	0.039	70.79	0.016
21	4.853		0.0000	0.000	276.0	0.026	BB	0.033	141.07	0.032
22	5.268		0.0000	0.000	3712.5	0.344	BB	0.442	139.84	0.031
23	5.312		0.0000	0.000	50.8	0.005	BB	0.026	32.54	0.007
24	5.367		0.0000	0.000	94.6	0.009	BB	0.023	68.18	0.015
25	5.413		0.0000	0.000	10346.4	0.960	BB	0.044	3887.55	0.872
26	5.581		0.0000	0.000	989.9	0.092	BB	0.027	613.25	0.138
27	5.643		0.0000	0.000	17769.5	1.649	BB	0.040	7445.20	1.671
28	5.839		0.0000	0.000	1585.9	0.147	BB	0.039	670.57	0.150
29	5.927		0.0000	0.000	9516.4	0.883	BB	0.042	3777.22	0.848
30	5.993		0.0000	0.000	8366.4	0.776	BB	0.029	4764.80	1.069
31	6.063		0.0000	0.000	34751.8	3.224	BB	0.049	11704.81	2.626
32	6.166		0.0000	0.000	65926.1	6.117	BB	0.038	28698.63	6.440
33	6.287		0.0000	0.000	7981.4	0.741	BB	0.034	3890.98	0.873
34	6.366		0.0000	0.000	12877.8	1.195	BB	0.032	6732.74	1.511
35	6.440		0.0000	0.000	125053.3	11.603	BB	0.047	44170.88	9.911
36	6.555		0.0000	0.000	32859.5	3.049	BB	0.037	15000.42	3.366
37	6.660		0.0000	0.000	2653.0	0.246	BB	0.025	1784.95	0.401
38	6.707		0.0000	0.000	104052.2	9.654	BB	0.037	46583.95	10.453
39	6.794		0.0000	0.000	39721.4	3.685	BB	0.029	23011.50	5.163
40	6.850		0.0000	0.000	18875.2	1.751	BB	0.028	11270.24	2.529
41	7.012		0.0000	0.000	81491.9	7.561	BB	0.043	31444.52	7.056
42	7.093		0.0000	0.000	20035.9	1.859	BB	0.029	11497.23	2.580
43	7.147		0.0000	0.000	7751.1	0.719	BB	0.026	4935.02	1.107
44	7.275		0.0000	0.000	15869.7	1.472	BB	0.036	7333.39	1.646
45	7.363		0.0000	0.000	195922.7	18.178	BB	0.043	75526.61	16.947
46	7.553		0.0000	0.000	262.7	0.024	BB	0.060	72.41	0.016
47	7.695		0.0000	0.000	92126.6	8.548	BB	0.035	43551.93	9.772
48	7.792		0.0000	0.000	23821.1	2.210	BB	0.038	10402.52	2.334
49	8.040		0.0000	0.000	1820.6	0.169	BB	0.046	659.70	0.148
50	8.206		0.0000	0.000	30774.9	2.855	BB	0.060	8514.53	1.911
51	8.548		0.0000	0.000	51970.6	4.822	BB	0.044	19889.05	4.463
52	8.650		0.0000	0.000	1585.3	0.147	BB	0.036	731.27	0.164
53	8.770		0.0000	0.000	162.6	0.015	BB	0.051	52.75	0.012
54	8.817		0.0000	0.000	61.8	0.006	BB	0.029	35.87	0.008
55	8.953		0.0000	0.000	179.6	0.017	BB	0.045	66.07	0.015
56	9.030		0.0000	0.000	11318.8	1.050	BB	0.049	3865.15	0.867
57	9.239		0.0000	0.000	1292.8	0.120	BB	0.076	283.14	0.064
58	9.365		0.0000	0.000	1090.3	0.101	BB	0.101	179.19	0.040
59	9.507		0.0000	0.000	899.7	0.083	BB	0.087	172.55	0.039
60	9.646		0.0000	0.000	32.9	0.003	BB	0.020	27.21	0.006
61	9.692		0.0000	0.000	300.7	0.028	BB	0.042	118.61	0.027
62	9.811		0.0000	0.000	43.3	0.004	BB	0.023	31.57	0.007

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.860		0.0000	0.000	89.9	0.008	BB	0.034	44.39	0.010
64	9.929		0.0000	0.000	32566.7	3.022	BB	0.064	8543.08	1.917

Total Area = 1077777.0, Total Amount = 193.853, Total Height = 445658.6, Sample Units = ug/l

Sample Name: **5454427ACF DF1000 ADAMS17 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/8/08 10:29:09pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.32R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	6285.3	0.380	BB	0.062	1698.81	0.228
2	2.310		0.0000	0.000	216.3	0.013	BB	0.041	87.48	0.012
3	2.410		0.0000	0.000	419.2	0.025	BB	0.050	139.53	0.019
4	2.576		0.0000	0.000	2033.9	0.123	BB	0.035	963.76	0.129
5	2.670		0.0000	0.000	214.7	0.013	BB	0.036	100.19	0.013
6	2.828		0.0000	0.000	411.8	0.025	BB	0.039	174.54	0.023
7	2.927	TCX	552.2181	62.031	815.1	0.049	BB	0.046	294.18	0.039
8	3.052		0.0000	0.000	219.9	0.013	BB	0.034	106.83	0.014
9	3.177		0.0000	0.000	1835.2	0.111	BB	0.091	336.31	0.045
10	3.336		0.0000	0.000	103.4	0.006	BB	0.046	37.77	0.005
11	3.370		0.0000	0.000	1988.8	0.120	BB	0.057	581.54	0.078
12	3.720		0.0000	0.000	2429.8	0.147	BB	0.196	206.39	0.028
13	3.887		0.0000	0.000	1131.7	0.068	BB	0.102	184.54	0.025
14	4.004		0.0000	0.000	31.5	0.002	BB	0.023	22.41	0.003
15	4.020		0.0000	0.000	572.2	0.035	BB	0.032	293.53	0.039
16	4.203		0.0000	0.000	194.9	0.012	BB	0.086	37.94	0.005
17	4.234		0.0000	0.000	402.5	0.024	BB	0.037	180.98	0.024
18	4.344		0.0000	0.000	1997.8	0.121	BB	0.071	471.85	0.063
19	4.511		0.0000	0.000	179.5	0.011	BB	0.036	82.47	0.011
20	4.553		0.0000	0.000	446.1	0.027	BB	0.035	212.74	0.029
21	4.671		0.0000	0.000	137.2	0.008	BB	0.053	42.77	0.006
22	4.685		0.0000	0.000	212.4	0.013	BB	0.021	169.82	0.023
23	4.753		0.0000	0.000	296.0	0.018	BB	0.032	155.72	0.021
24	4.898		0.0000	0.000	16244.7	0.981	BB	0.039	6997.60	0.939
25	4.996		0.0000	0.000	1725.0	0.104	BB	0.025	1138.32	0.153
26	5.050		0.0000	0.000	31609.0	1.909	BB	0.042	12597.92	1.691
27	5.265		0.0000	0.000	4629.2	0.280	BB	0.051	1516.68	0.204
28	5.348		0.0000	0.000	4776.4	0.289	BB	0.027	2951.59	0.396
29	5.455		0.0000	0.000	31832.2	1.923	BB	0.036	14844.29	1.993
30	5.492		0.0000	0.000	5226.6	0.316	BB	0.023	3779.23	0.507
31	5.571		0.0000	0.000	104812.7	6.331	BB	0.038	46398.59	6.228
32	5.665		0.0000	0.000	2450.9	0.148	BB	0.019	2130.21	0.286
33	5.703		0.0000	0.000	13434.0	0.811	BB	0.026	8538.02	1.146
34	5.763		0.0000	0.000	158655.1	9.583	BB	0.040	65598.98	8.806
35	5.906		0.0000	0.000	117896.9	7.121	BB	0.036	54772.53	7.352
36	5.974		0.0000	0.000	4151.3	0.251	BB	0.022	3182.40	0.427
37	6.032		0.0000	0.000	14009.3	0.846	BB	0.022	10398.58	1.396
38	6.080		0.0000	0.000	75366.3	4.552	BB	0.027	46828.76	6.286
39	6.121		0.0000	0.000	34360.4	2.075	BB	0.024	23617.46	3.170
40	6.173		0.0000	0.000	25615.5	1.547	BB	0.025	16867.29	2.264
41	6.307		0.0000	0.000	16047.0	0.969	BB	0.034	7808.49	1.048
42	6.376		0.0000	0.000	125543.4	7.583	BB	0.040	52340.56	7.026
43	6.474		0.0000	0.000	35136.6	2.122	BB	0.027	21657.94	2.907
44	6.517		0.0000	0.000	5754.0	0.348	BB	0.018	5303.90	0.712
45	6.552		0.0000	0.000	6005.4	0.363	BB	0.019	5258.23	0.706
46	6.628		0.0000	0.000	316670.9	19.128	BB	0.041	127297.50	17.088
47	6.803		0.0000	0.000	352.0	0.021	BB	0.022	266.11	0.036
48	6.911		0.0000	0.000	39515.5	2.387	BB	0.028	23370.23	3.137
49	6.973		0.0000	0.000	220267.1	13.305	BB	0.039	93660.98	12.573
50	7.188		0.0000	0.000	1923.5	0.116	BB	0.031	1047.85	0.141
51	7.252		0.0000	0.000	6557.5	0.396	BB	0.047	2343.46	0.315
52	7.367		0.0000	0.000	37578.5	2.270	BB	0.041	15187.48	2.039
53	7.538		0.0000	0.000	102743.0	6.206	BB	0.043	39404.25	5.289
54	7.687		0.0000	0.000	322.9	0.020	BB	0.028	193.87	0.026
55	7.895		0.0000	0.000	23356.5	1.411	BB	0.044	8888.50	1.193
56	8.037		0.0000	0.000	517.0	0.031	BB	0.043	201.23	0.027
57	8.137		0.0000	0.000	279.4	0.017	BB	0.026	181.71	0.024
58	8.187		0.0000	0.000	15.2	0.001	BB	0.006	42.64	0.006
59	8.220	DCB	338.0112	37.969	271.3	0.016	BB	0.029	155.46	0.021
60	8.254		0.0000	0.000	1027.5	0.062	BB	0.113	151.95	0.020
61	8.437		0.0000	0.000	33.2	0.002	BB	0.010	54.86	0.007
62	8.477		0.0000	0.000	786.3	0.047	BB	0.046	284.37	0.038

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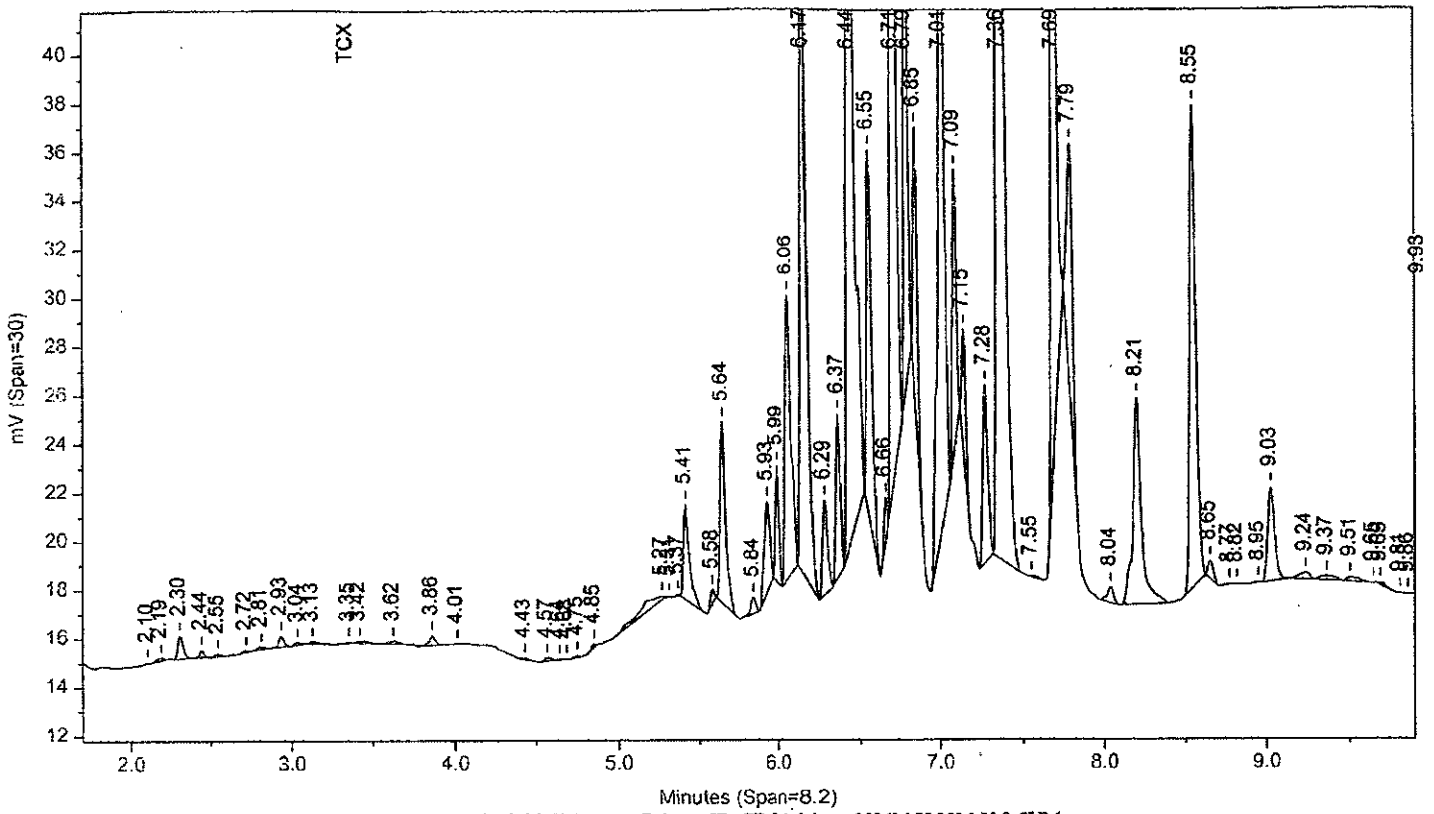
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.553		0.0000	0.000	68.2	0.004	BB	0.017	68.41	0.009
64	8.586		0.0000	0.000	1103.8	0.067	BB	0.064	286.26	0.038
65	8.870		0.0000	0.000	330.3	0.020	BB	0.037	150.78	0.020
66	8.904		0.0000	0.000	29.4	0.002	BB	0.009	55.98	0.008
67	8.921		0.0000	0.000	35.6	0.002	BB	0.012	50.07	0.007
68	8.953		0.0000	0.000	374.9	0.023	BB	0.037	168.50	0.023
69	9.020		0.0000	0.000	27.2	0.002	BB	0.010	44.29	0.006
70	9.070		0.0000	0.000	178.5	0.011	BB	0.032	92.77	0.012
71	9.104		0.0000	0.000	23.7	0.001	BB	0.009	44.09	0.006
72	9.136		0.0000	0.000	89.7	0.005	BB	0.024	63.58	0.009
73	9.180		0.0000	0.000	8.4	0.001	N	-0.007	- 21.18	0.003
74	9.203		0.0000	0.000	829.5	0.050	BB	0.073	190.03	0.026
75	9.503		0.0000	0.000	185.8	0.011	BB	0.030	101.85	0.014
76	9.536		0.0000	0.000	283.3	0.017	BB	0.048	98.39	0.013
77	9.670		0.0000	0.000	179.8	0.011	BB	0.047	64.34	0.009
78	9.687		0.0000	0.000	21.7	0.001	BB	0.008	47.96	0.006
79	9.703		0.0000	0.000	4506.5	0.272	BB	0.263	285.58	0.038
80	9.936		0.0000	0.000	37208.8	2.248	BB	0.067	9321.36	1.251

Total Area = 1655559.0, Total Amount = 890.229, Total Height = 744955.3, Sample Units = ug/l

ASX84 8784

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.32R

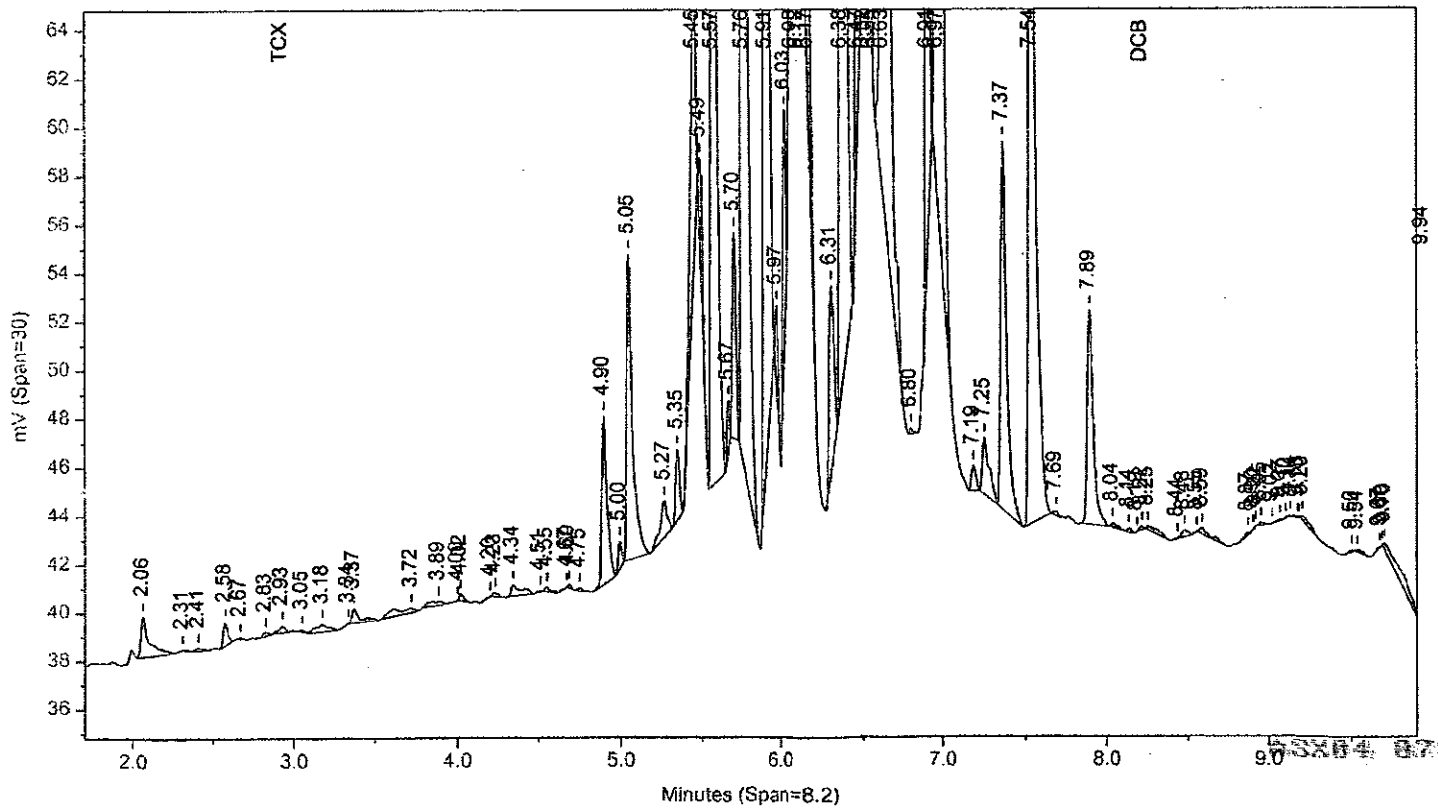
C:\CPWIN\DATA1\10P2235.32R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 10:19:09 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.32R

C:\CPWIN\DATA1\10P2235B.32R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 10:19:09 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	62	6.46176	TCX	2.927	294	18.40727	TCX
.	0	.	DCB	8.22	155	11.26704	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.32A
Area File: C:\CPWIN\DATA1\10P2235B.32A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 10:29:14 PM
File Reported On: 9/8/2008 at 10:29:19 PM

10X REPLOTS

ASX84 8796

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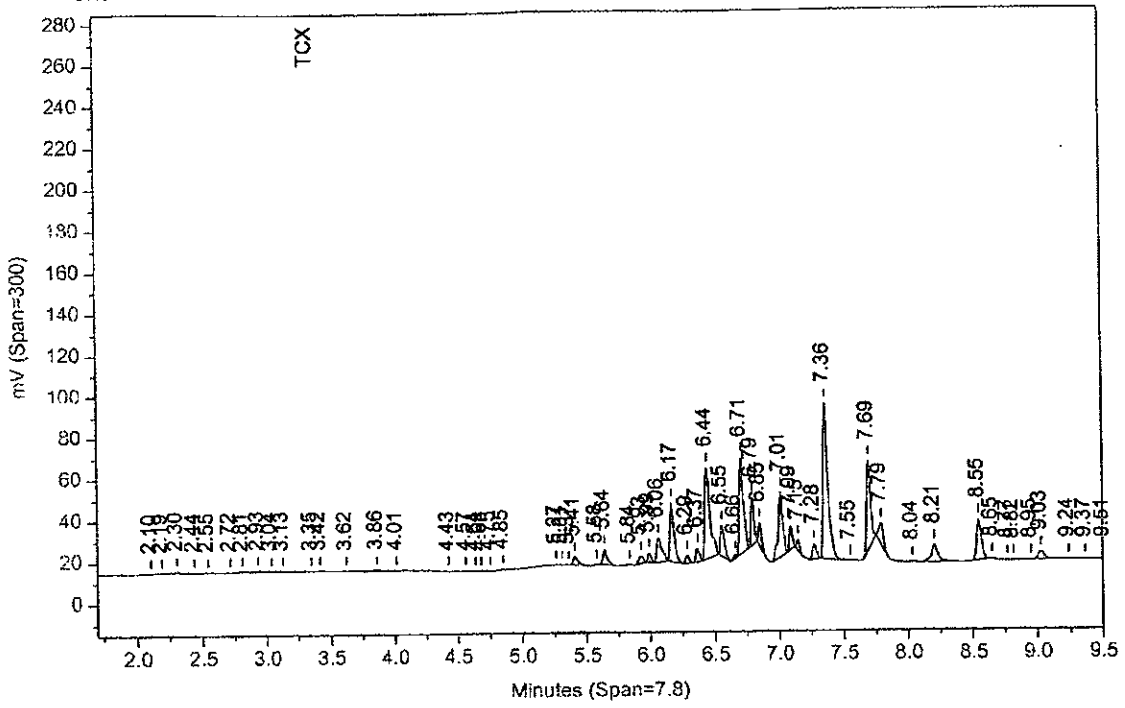

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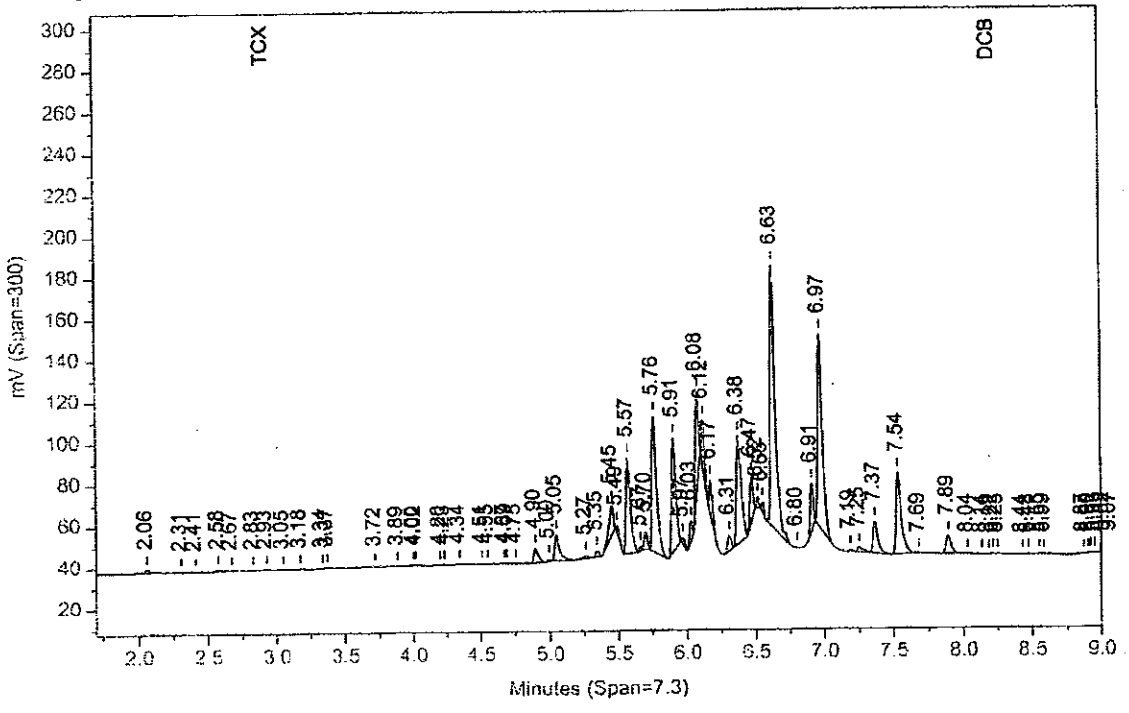


ASX64 8787

Multiple Component Data Summary

Sample Name: 5454428 ACF DF50 AMS18 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on	Sep 06, 2008 01:37:55
Instrument	H2601A
Result file	9P2235.49R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX) 85.8% Conc: 8.554462
%SSR(DCB) 134.8% Conc: 13.50480

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.30**	
6.03	6.06	6.09	26945.65625	6392.14587			1
6.14	6.16	6.20	64546.35546!	7519.33066			2
6.41	6.44	6.47	101343.2734:	10095.648894			3
6.68	6.71	6.74	107790.0078·	9898.934068			4
6.77	6.80	6.83	42428.63671!	7033.276893			5
6.98	7.01	7.04	63063.92187!	9591.745266			6

Height summation: **406117.851564**
Concentration CF: **8421.846942** L:

Analysis Report (B)

Injected on	Sep 06, 2008 01:37:55
Instrument	H2601B
Result file	9P2235B.49R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX) 100.8% Conc: 10.05047
%SSR(DCB) * 152.1% Conc: 15.23394

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**15.99**	
5.43	5.45	5.49	35363.50781:	6543.751783			1
5.54	5.57	5.60	102057.9218:	7074.36244			2
5.74	5.76	5.80	143290.5781;	8520.236573			3
6.06	6.08	6.12	114644.4687!	10145.234589			4
6.35	6.38	6.41	95825.70312!	7497.394855			5
7.51	7.54	7.57	73266.20312!	7944.760841			6

Height summation: **564448.382813**
Concentration CF: **7954.29018** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<850	<165			4	15	
Aroclor-1221			<850	<260			3	5	
Aroclor-1232			<850	<165			4	10	
Aroclor-1242			<850	<165			4	30	
Aroclor-1248			<850	<165			4	30	
Aroclor-1254			<850	<165			4	40	
Aroclor-1260	A	8421.846942	850	165		5.71	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamie Hbullhart Date: 9808

Verified By: [signature] Date: 9.8.08

ASX04 0798

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454428** ACF DF50 AMS18 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 06, 2008 01:37:55
Instrument : CP02--H2601A
Result file : 9P2235.49R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 85.8% Conc.: 8.554462
%SSR(DCB) : 134.8% Conc.: 13.504808

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	188.43	
+ 4.55	4.57	4.61	57.948727	5.200568			3
4.55	4.60	4.61	103.821335	9.317374			3
4.71	4.74	4.77	77.876472	16.996768			4
5.14	5.18	5.20	436.570221	121.083038			5
5.38	5.41	5.44	12484.62988	3221.627135			6
Height Summation:			**13102.897911**				
Amount Avg CF:			**842.256079**	Linear:			
Aroclor-1221					1		
3.65	3.65	3.71	103.280563	61.410728			2
Height Summation:			**103.280563**				
Amount Avg CF:			**61.410728**	Linear:			
Aroclor-1232					4	197.64	
+ 4.55	4.57	4.61	57.948727	10.660766			3
4.55	4.60	4.61	103.821335	19.099902			3
4.70	4.74	4.76	77.876472	36.58749			4
5.13	5.18	5.19	436.570221	258.157543			5
E 5.38	5.41	5.44	12484.62988	35088.897929			6
Height Summation:			**13102.897911**				
Amount Avg CF:			**8850.685716**	Linear:			
Aroclor-1242					4	196.37	
+ 4.55	4.57	4.61	57.948727	6.567916			3
4.55	4.60	4.61	103.821335	11.767124			3
4.71	4.74	4.77	77.876472	21.72832			4
5.14	5.18	5.20	436.570221	146.682196			5
E 5.38	5.41	5.44	12484.62988	13041.502019			6
Height Summation:			**13102.897911**				
Amount Avg CF:			**3305.419915**	Linear:			
Aroclor-1248					4	67.64	
+ 4.55	4.57	4.61	57.948727	10.410016			1
4.55	4.60	4.61	103.821335	18.650655			1
5.62	5.64	5.68	21235.83984	3418.186616			4
5.96	5.99	6.02	14361.10253	4377.765627			5
6.26	6.29	6.32	8744.991211	3768.872919			6
Height Summation:			**44445.754929**				
Amount Avg CF:			**2895.868954**	Linear:			
Aroclor-1254					6	114.20	
4.82	4.85	4.88	616.344543	133.337604			1
5.61	5.64	5.67	21235.83984	2767.911773			2
5.96	5.99	6.02	14361.10253	1307.671302			3
6.26	6.29	6.32	8744.991211	1055.068122			4
6.52	6.56	6.58	32965.80468	5854.445921			5
6.68	6.71	6.74	107790.0078	11623.333688			6
Height Summation:			**185714.090638**				
Amount Avg CF:			**3790.294735**	Linear:			
Aroclor-1260					6	19.30	
6.03	6.06	6.09	26945.65625	6392.14587			1
6.14	6.16	6.20	64546.35546	7519.33066			2
6.41	6.44	6.47	101343.2734	10095.648894			3
6.68	6.71	6.74	107790.0078	9898.934068			4
6.77	6.80	6.83	42428.63671	7033.276893			5
6.98	7.01	7.04	63063.92187	9591.745266			6
Height Summation:			**406117.851564**				
Amount Avg CF:			**8421.846942**	Linear:			

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:14:44

Analysis Report (B)

Injected on : SEP 06, 2008 01:37:55
Instrument : CP02--H2601B
Result file : 9P2235B.49R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 100.8% Conc.: 10.050477
%SSR(DCB) : 152.1% Conc.: 15.233941

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	147.12	
3.32	3.37	3.38	11567.86816	1536.249713			1
3.84	3.88	3.90	847.991333	99.574658			3
+ 4.35	4.38	4.41	239.140945	46.998533			5
4.35	4.41	4.41	828.048096	162.736858			5
4.68	4.69	4.72	753.020935	118.574471			6
Height Summation:			**13996.928528**				
Amount Avg CF:			**479.283925**	Linear:			
Aroclor-1221					2	96.44	
3.14	3.17	3.20	878.507751	209.198398			1
E 3.32	3.37	3.38	11567.86816	1106.253172			3
Height Summation:			**12446.375915**				
Amount Avg CF:			**657.725785**	Linear:			
Aroclor-1232					4	99.07	
E 3.32	3.37	3.38	11567.86816	1334.887508			1
3.83	3.88	3.89	847.991333	203.004724			3
4.34	4.34	4.40	931.232422	391.044101			5
+ 4.34	4.38	4.40	239.140945	100.420318			5
4.65	4.69	4.71	753.020935	234.257563			6
Height Summation:			**14100.112854**				
Amount Avg CF:			**540.798474**	Linear:			
Aroclor-1242					4	144.78	
E 3.32	3.37	3.38	11567.86816	1838.971793			1
3.84	3.88	3.90	847.991333	122.849223			3
+ 4.35	4.38	4.41	239.140945	56.598728			5
4.35	4.41	4.41	828.048096	195.978438			5
4.66	4.69	4.72	753.020935	162.485097			6
Height Summation:			**13996.928528**				
Amount Avg CF:			**580.071138**	Linear:			
Aroclor-1248					5	181.35	
+ 4.14	4.15	4.20	202.70369	94.604819			1
4.14	4.20	4.20	332.368744	155.121422			1
+ 4.35	4.38	4.41	239.140945	42.201899			2
4.35	4.41	4.41	828.048096	146.12806			2
4.52	4.55	4.58	498.994812	50.501213			3
4.66	4.69	4.72	753.020935	107.066983			4
4.87	4.90	4.93	21128.21289	2566.950828			5
Height Summation:			**23540.645478**				
Amount Avg CF:			**605.153701**	Linear:			
Aroclor-1254					6	145.41	
5.24	5.26	5.30	1724.843262	303.16774			1
5.32	5.34	5.38	6153.711914	602.56783			2
5.41	5.45	5.47	35363.50781	1903.430948			3
5.64	5.66	5.70	4040.772217	308.932925			4
5.94	5.97	6.00	6680.54541	880.042298			5
6.05	6.08	6.11	114644.4687	7422.988765			6
Height Summation:			**168607.849366**				
Amount Avg CF:			**1903.521751**	Linear:			

ASX84 0789

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454428** ACF DF50 AMS18 Sample ID: AC **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 06, 2008 01:37:55
Instrument : CP02--H2601A
Result file : 9P2235.49R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	44.82	
6.03	6.06	6.09	26945.65625	5418.804624			1
6.13	6.16	6.19	64546.35546	8242.255478			2
6.40	6.44	6.46	101343.2734	11779.165271			3
E 6.67	6.71	6.73	107790.0078	13882.943804			4
6.76	6.80	6.82	42428.63671	4005.718715			5
6.98	7.01	7.04	63063.92187	7179.908468			6
Height Summation:			**406117.851564**				
Amount Avg CF:			**8418.132727**	Linear:			
Aroclor-1268					5	75.81	
6.76	6.80	6.82	42428.63671	8965.19304			1
7.00	7.01	7.06	63063.92187	10986.133504			2
7.66	7.70	7.72	85881.86718	3828.73989			3
8.01	8.05	8.07	625.062317	33.776957			4
8.51	8.55	8.57	35224.86328	4761.449866			6
Height Summation:			**227224.351380**				
Amount Avg CF:			**5715.058651**	Linear:			

Analysis Report (B)

Injected on : SEP 06, 2008 01:37:55
Instrument : CP02--H2601B
Result file : 9P2235B.49R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	15.99	
5.43	5.45	5.49	35363.50781	6543.751783			1
+ 5.43	5.49	5.49	8766.425781	1622.161315			1
5.54	5.57	5.60	102057.9218	7074.36244			2
5.74	5.76	5.80	143290.5781	8520.236573			3
6.06	6.08	6.12	114644.4687	10145.234589			4
6.35	6.38	6.41	95825.70312	7497.394855			5
7.51	7.54	7.57	73266.20312	7944.760841			6
Height Summation:			**564448.382813**				
Amount Avg CF:			**7954.29018**	Linear:			
Aroclor-1262					6	86.31	
E 6.05	6.08	6.11	114644.4687	18624.599993			1
6.14	6.17	6.20	34059.0625	6729.10374			2
6.44	6.47	6.50	42662.21484	5784.167001			3
6.88	6.91	6.94	39505.82421	2897.128899			4
7.34	7.37	7.40	29578.72460	5132.527293			5
7.86	7.90	7.92	15448.34277	2363.66605			6
Height Summation:			**275898.637695**				
Amount Avg CF:			**6921.865496**	Linear:			
Aroclor-1268					6	156.80	
6.10	6.12	6.16	36887.82421	4529.272221			1
6.35	6.38	6.41	95825.70312	9247.767825			2
E 6.60	6.63	6.66	244661.125	54204.934075			3
6.94	6.97	7.00	180723.2187	5333.745657			4
7.16	7.19	7.22	3103.198242	90.198669			5
7.51	7.54	7.57	73266.20312	4625.924294			6
Height Summation:			**634467.272461**				
Amount Avg CF:			**13005.307124**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 54.93	4	15	
Aroclor-1221			850	260		** 165.84	3	5	
Aroclor-1232			850	165	E	** 176.97	4	10	
Aroclor-1242			850	165	E	** 140.28	4	30	
Aroclor-1248			850	165		** 130.86	4	30	
Aroclor-1254			850	165		** 66.27	4	40	
Aroclor-1260			850	165		5.71	4	40	
Aroclor-1262			0	0	E	19.51	4	40	
Aroclor-1268			0	0		** 77.89	4	40	

Units: _____

ASX0458798

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 08:14:44

Sample Name: **5454428ACF DF50 ACAMS18 T 082470004A 01216**
Acquired from CP02--H2601A via port 1 on 9/6/08 01:47:55am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.49R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.098		0.0000	0.000	297.7	0.013	BB	0.032	156.33	0.016
2	2.201		0.0000	0.000	696.8	0.031	BB	0.079	147.05	0.016
3	2.301		0.0000	0.000	2537.6	0.112	BB	0.038	1104.05	0.116
4	2.402		0.0000	0.000	965.5	0.043	BB	0.053	301.53	0.032
5	2.539		0.0000	0.000	826.1	0.036	BB	0.043	319.25	0.034
6	2.716		0.0000	0.000	260.9	0.012	BB	0.052	84.12	0.009
7	2.809		0.0000	0.000	321.3	0.014	BB	0.057	94.40	0.010
8	2.900		0.0000	0.000	283.5	0.013	BB	0.025	189.18	0.020
9	2.926		0.0000	0.000	306.9	0.014	BB	0.022	229.58	0.024
10	3.023		0.0000	0.000	103.4	0.005	BB	0.045	38.08	0.004
11	3.124		0.0000	0.000	1432.4	0.063	BB	0.070	338.75	0.036
12	3.352	TCX	256.6339	38.779	3954.1	0.174	BB	0.040	1636.67	0.173
13	3.526		0.0000	0.000	923.9	0.041	BB	0.034	451.35	0.048
14	3.649		0.0000	0.000	303.0	0.013	BB	0.049	103.28	0.011
15	3.859		0.0000	0.000	13599.3	0.600	BB	0.039	5777.16	0.609
16	4.026		0.0000	0.000	48.0	0.002	BB	0.031	26.17	0.003
17	4.109		0.0000	0.000	1909.6	0.084	BB	0.178	179.26	0.019
18	4.566		0.0000	0.000	95.6	0.004	BB	0.027	57.95	0.006
19	4.598		0.0000	0.000	153.1	0.007	BB	0.025	103.82	0.011
20	4.657		0.0000	0.000	300.1	0.013	BB	0.030	165.88	0.017
21	4.744		0.0000	0.000	187.0	0.008	BB	0.040	77.88	0.008
22	4.849		0.0000	0.000	1048.3	0.046	BB	0.028	616.34	0.065
23	4.886		0.0000	0.000	148.5	0.007	BB	0.016	152.34	0.016
24	4.922		0.0000	0.000	721.6	0.032	BB	0.027	452.82	0.048
25	5.178		0.0000	0.000	1189.7	0.052	BB	0.045	436.57	0.046
26	5.264		0.0000	0.000	965.4	0.043	BB	0.054	295.62	0.031
27	5.359		0.0000	0.000	125.6	0.006	BB	0.025	84.63	0.009
28	5.412		0.0000	0.000	32851.5	1.449	BB	0.044	12484.63	1.317
29	5.579		0.0000	0.000	4834.9	0.213	BB	0.027	2955.68	0.312
30	5.640		0.0000	0.000	54039.6	2.384	BB	0.042	21235.84	2.240
31	5.837		0.0000	0.000	3036.6	0.134	BB	0.032	1561.74	0.165
32	5.924		0.0000	0.000	32469.1	1.432	BB	0.041	13090.69	1.381
33	5.992		0.0000	0.000	25545.1	1.127	BB	0.030	14361.10	1.515
34	6.063		0.0000	0.000	81330.2	3.588	BB	0.050	26945.66	2.842
35	6.165		0.0000	0.000	151886.1	6.700	BB	0.039	64546.36	6.808
36	6.286		0.0000	0.000	18851.5	0.832	BB	0.036	8744.99	0.922
37	6.367		0.0000	0.000	27274.2	1.203	BB	0.031	14851.28	1.566
38	6.438		0.0000	0.000	288228.0	12.714	BB	0.047	101343.30	10.689
39	6.556		0.0000	0.000	72188.5	3.184	BB	0.036	32965.80	3.477
40	6.663		0.0000	0.000	7217.2	0.318	BB	0.025	4768.50	0.503
41	6.707		0.0000	0.000	242893.2	10.715	BB	0.038	107790.00	11.369
42	6.797		0.0000	0.000	71252.6	3.143	BB	0.028	42428.64	4.475
43	6.853		0.0000	0.000	40723.2	1.796	BB	0.029	23689.09	2.499
44	7.015		0.0000	0.000	161330.2	7.117	BB	0.043	63063.92	6.652
45	7.096		0.0000	0.000	41432.3	1.828	BB	0.029	24030.66	2.535
46	7.150		0.0000	0.000	18981.3	0.837	BB	0.026	12125.30	1.279
47	7.278		0.0000	0.000	33581.5	1.481	BB	0.034	16597.56	1.751
48	7.366		0.0000	0.000	388232.8	17.126	BB	0.043	150224.60	15.845
49	7.698		0.0000	0.000	187798.1	8.284	BB	0.036	85881.87	9.058
50	7.795		0.0000	0.000	34957.7	1.542	BB	0.035	16492.53	1.740
51	8.009		0.0000	0.000	522.2	0.023	BB	0.028	307.33	0.032
52	8.048		0.0000	0.000	1099.9	0.049	BB	0.029	625.06	0.066
53	8.209		0.0000	0.000	51820.7	2.286	BB	0.053	16168.42	1.705
54	8.341		0.0000	0.000	362.0	0.016	BB	0.038	158.40	0.017
55	8.437		0.0000	0.000	102.9	0.005	BB	0.031	55.58	0.006
56	8.552		0.0000	0.000	95180.3	4.199	BB	0.045	35224.86	3.715
57	8.652		0.0000	0.000	2714.3	0.120	BB	0.033	1383.40	0.146
58	8.771		0.0000	0.000	36.4	0.002	BB	0.023	26.00	0.003
59	8.834		0.0000	0.000	203.9	0.009	BB	0.052	64.73	0.007
60	8.929		0.0000	0.000	35.4	0.002	BB	0.023	25.93	0.003
61	9.033		0.0000	0.000	20201.7	0.891	BB	0.050	6761.27	0.713
62	9.427	DCB	405.1443	61.221	6216.7	0.274	BB	0.056	1852.55	0.195

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.576		0.0000	0.000	195.6	0.009	BB	0.032	101.61	0.011
64	9.697		0.0000	0.000	1008.0	0.044	BB	0.091	183.97	0.019
65	9.875		0.0000	0.000	203.0	0.009	BB	0.090	37.70	0.004
66	9.923		0.0000	0.000	32398.3	1.429	BB	0.058	9334.05	0.984

Total Area = 2266942.0, Total Amount = 661.778, Total Height = 948110.6, Sample Units = ug/l

ASX84 8792

Sample Name: **5454428ACF DF50 ACAMS18 T 082470004A 01216**
Acquired from CP02--H2601B via port 2 on 9/6/08 01:47:55am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.49R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	6166.6	0.181	BB	0.051	2015.57	0.131
2	2.236		0.0000	0.000	623.0	0.018	BB	0.029	354.97	0.023
3	2.286		0.0000	0.000	625.4	0.018	BB	0.030	344.74	0.022
4	2.344		0.0000	0.000	144.7	0.004	BB	0.023	105.55	0.007
5	2.503		0.0000	0.000	1084.2	0.032	BB	0.033	550.97	0.036
6	2.570		0.0000	0.000	2299.3	0.068	BB	0.038	1006.72	0.066
7	2.720		0.0000	0.000	27.8	0.001	BB	0.024	19.33	0.001
8	2.746		0.0000	0.000	459.9	0.014	BB	0.030	253.76	0.017
9	2.821		0.0000	0.000	2038.8	0.060	BB	0.045	762.84	0.050
10	2.924	TCX	301.5143	39.750	6245.1	0.183	BB	0.032	3212.53	0.209
11	3.041		0.0000	0.000	73.1	0.002	BB	0.028	42.88	0.003
12	3.136		0.0000	0.000	140.7	0.004	BB	0.036	64.68	0.004
13	3.172		0.0000	0.000	1980.5	0.058	BB	0.038	878.51	0.057
14	3.368		0.0000	0.000	28083.0	0.825	BB	0.040	11567.87	0.753
15	3.637		0.0000	0.000	959.9	0.028	BB	0.115	139.65	0.009
16	3.743		0.0000	0.000	125.9	0.004	BB	0.039	53.97	0.004
17	3.878		0.0000	0.000	3667.3	0.108	BB	0.072	847.99	0.055
18	4.022		0.0000	0.000	4981.1	0.146	BB	0.096	860.56	0.056
19	4.147		0.0000	0.000	296.7	0.009	BB	0.024	202.70	0.013
20	4.199		0.0000	0.000	904.1	0.027	BB	0.045	332.37	0.022
21	4.286		0.0000	0.000	221.7	0.007	BB	0.033	110.83	0.007
22	4.345		0.0000	0.000	1240.5	0.036	BB	0.022	931.23	0.061
23	4.376		0.0000	0.000	201.8	0.006	BB	0.014	239.14	0.016
24	4.406		0.0000	0.000	1142.0	0.034	BB	0.023	828.05	0.054
25	4.546		0.0000	0.000	1020.2	0.030	BB	0.034	498.99	0.032
26	4.627		0.0000	0.000	515.1	0.015	BB	0.028	312.01	0.020
27	4.689		0.0000	0.000	2393.8	0.070	BB	0.053	753.02	0.049
28	4.827		0.0000	0.000	448.2	0.013	BB	0.032	236.98	0.015
29	4.896		0.0000	0.000	47145.6	1.385	BB	0.037	21128.21	1.376
30	4.993		0.0000	0.000	6929.6	0.204	BB	0.025	4546.39	0.296
31	5.048		0.0000	0.000	99590.9	2.926	BB	0.047	35084.39	2.284
32	5.264		0.0000	0.000	2421.9	0.071	BB	0.023	1724.84	0.112
33	5.304		0.0000	0.000	7352.4	0.216	BB	0.021	5864.94	0.382
34	5.345		0.0000	0.000	8761.3	0.257	BB	0.024	6153.71	0.401
35	5.453		0.0000	0.000	75684.1	2.224	BB	0.036	35363.51	2.302
36	5.489		0.0000	0.000	12574.5	0.369	BB	0.024	8766.43	0.571
37	5.569		0.0000	0.000	234553.1	6.892	BB	0.038	102057.90	6.644
38	5.664		0.0000	0.000	3942.9	0.116	BB	0.016	4040.77	0.263
39	5.702		0.0000	0.000	37507.8	1.102	BB	0.026	23752.34	1.546
40	5.762		0.0000	0.000	348447.8	10.238	BB	0.041	143290.60	9.329
41	5.905		0.0000	0.000	245819.4	7.223	BB	0.036	114574.70	7.459
42	5.974		0.0000	0.000	8236.6	0.242	BB	0.021	6680.55	0.435
43	6.031		0.0000	0.000	33084.9	0.972	BB	0.024	23080.24	1.503
44	6.080		0.0000	0.000	191140.2	5.616	BB	0.028	114644.50	7.464
45	6.121		0.0000	0.000	48271.4	1.418	BB	0.022	36887.82	2.402
46	6.173		0.0000	0.000	51004.7	1.499	BB	0.025	34059.06	2.217
47	6.307		0.0000	0.000	32505.2	0.955	BB	0.035	15500.38	1.009
48	6.377		0.0000	0.000	239010.3	7.023	BB	0.042	95825.70	6.239
49	6.474		0.0000	0.000	67356.7	1.979	BB	0.026	42662.21	2.777
50	6.517		0.0000	0.000	14187.0	0.417	BB	0.019	12617.40	0.821
51	6.553		0.0000	0.000	11966.0	0.352	BB	0.020	10027.45	0.653
52	6.630		0.0000	0.000	621787.2	18.270	BB	0.042	244661.10	15.928
53	6.809		0.0000	0.000	397.0	0.012	BB	0.019	356.62	0.023
54	6.914		0.0000	0.000	64121.1	1.884	BB	0.027	39505.82	2.572
55	6.974		0.0000	0.000	433777.2	12.745	BB	0.040	180723.20	11.766
56	7.191		0.0000	0.000	5478.9	0.161	BB	0.029	3103.20	0.202
57	7.257		0.0000	0.000	13253.6	0.389	BB	0.039	5700.96	0.371
58	7.372		0.0000	0.000	69844.4	2.052	BB	0.039	29578.72	1.926
59	7.541		0.0000	0.000	195784.3	5.753	BB	0.045	73266.20	4.770
60	7.733		0.0000	0.000	844.5	0.025	BB	0.075	186.95	0.012
61	7.897		0.0000	0.000	38724.8	1.138	BB	0.042	15448.34	1.006
62	8.055		0.0000	0.000	156.4	0.005	BB	0.021	121.92	0.008

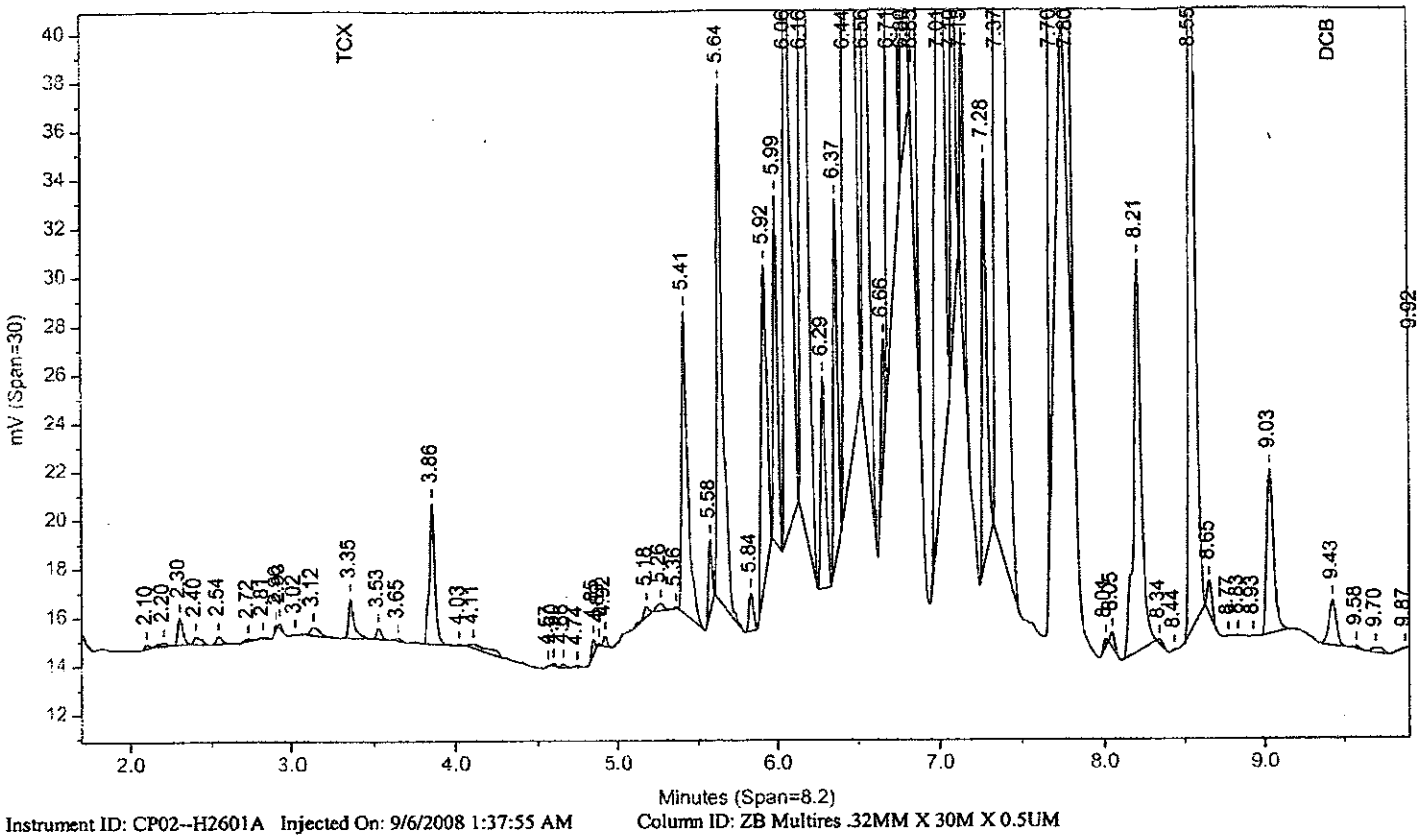
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.133		0.0000	0.000	26.1	0.001	BB	0.012	37.16	0.002
64	8.220	DCB	457.0182	60.250	13053.8	0.384	BB	0.052	4203.91	0.274
65	8.473		0.0000	0.000	127.0	0.004	BB	0.055	38.61	0.003
66	8.510		0.0000	0.000	80.1	0.002	BB	0.030	45.17	0.003
67	8.596		0.0000	0.000	1292.4	0.038	BB	0.038	563.17	0.037
68	8.662		0.0000	0.000	1953.7	0.057	BB	0.052	627.93	0.041
69	8.937		0.0000	0.000	98.4	0.003	BB	0.031	53.03	0.003
70	9.019		0.0000	0.000	145.2	0.004	BB	0.023	.106.99	0.007
71	9.226		0.0000	0.000	2734.1	0.080	BB	0.100	454.45	0.030
72	9.404		0.0000	0.000	95.9	0.003	BB	0.026	62.62	0.004
73	9.457		0.0000	0.000	26.8	0.001	BB	0.014	32.61	0.002
74	9.518		0.0000	0.000	944.4	0.028	BB	0.071	221.20	0.014
75	9.655		0.0000	0.000	123.1	0.004	BB	0.027	76.21	0.005
76	9.717		0.0000	0.000	5306.5	0.156	BB	0.161	550.66	0.036
77	9.931		0.0000	0.000	37634.8	1.106	BB	0.060	10429.26	0.679

Total Area = 3403417.0, Total Amount = 758.533, Total Height = 1536019.0, Sample Units = ug/l

ASX84 8794

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.49R

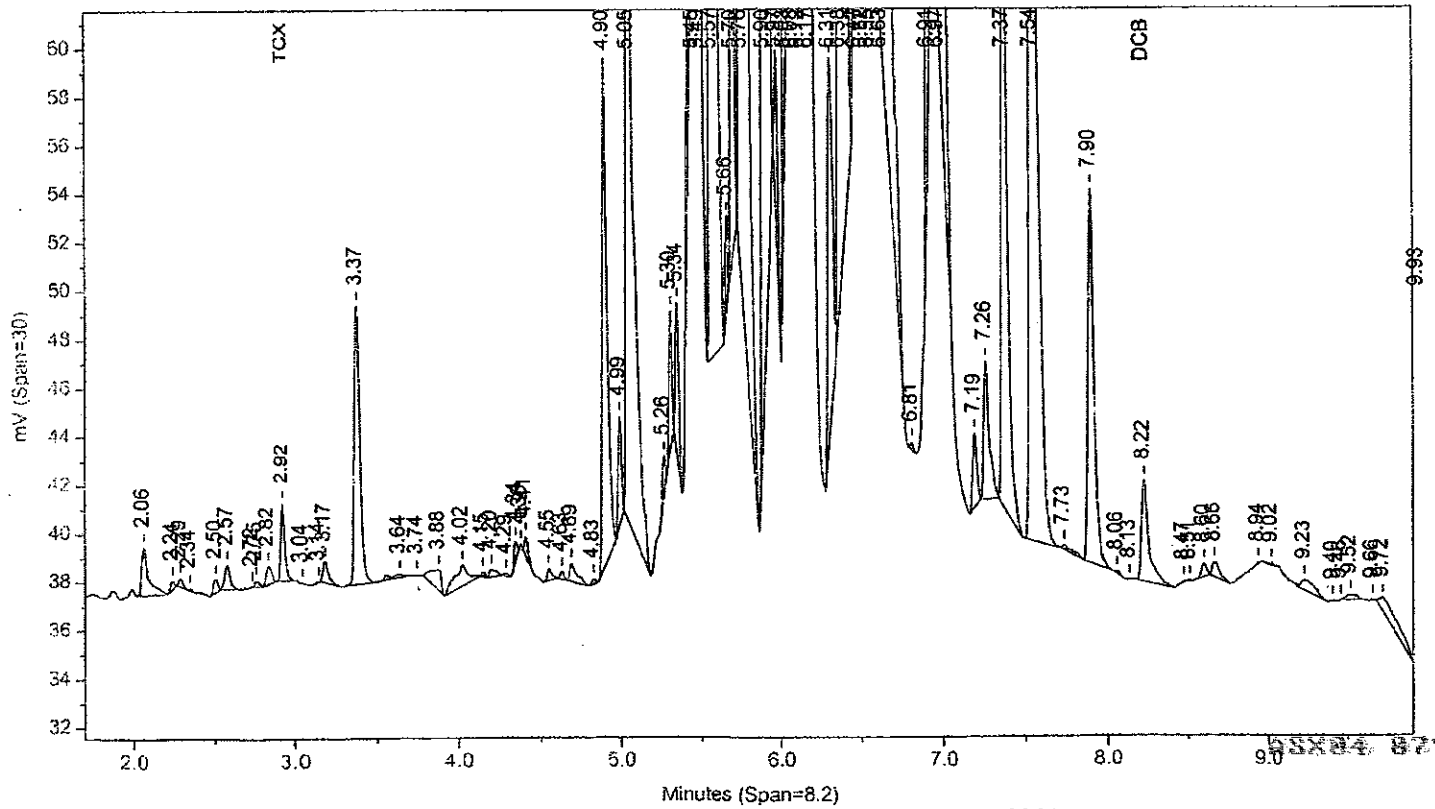
C:\CPWIN\DATA1\9P2235.49R



Instrument ID: CP02--H2601A Injected On: 9/6/2008 1:37:55 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.49R

C:\CPWIN\DATA1\9P2235B.49R



Instrument ID: CP02--H2601B Injected On: 9/6/2008 1:37:55 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 500

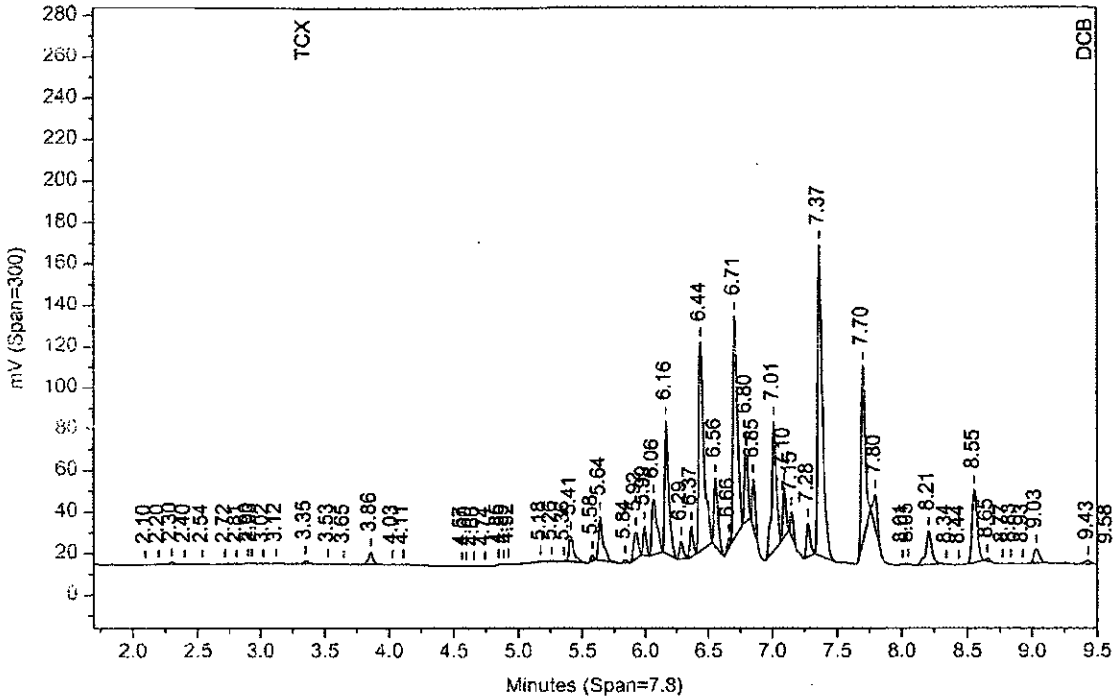
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	1637	8.55446	TCX	2.924	3213	10.05048	TCX
9.427	1853	13.50481	DCB	8.22	4204	15.23394	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.49A
Area File: C:\CPWIN\DATA1\9P2235B.49A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 1:47:58 AM
File Reported On: 9/6/2008 at 1:48:04 AM

10X REPLOTS

ASX84 8796

C:\CPWIN\DATA1\9P2235.49R



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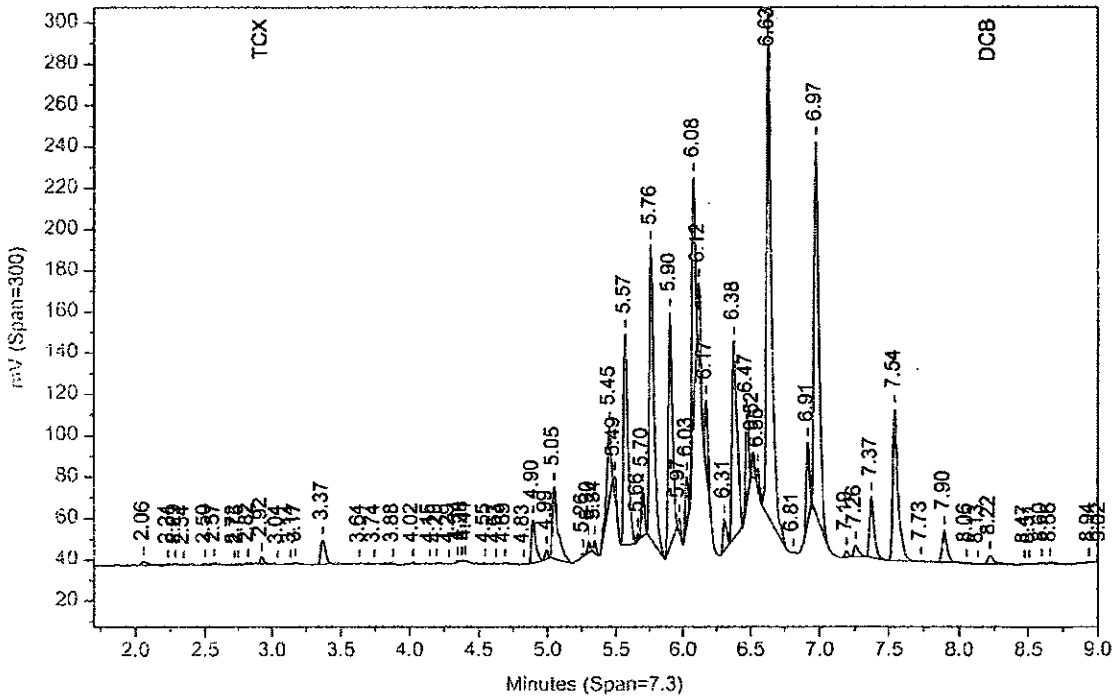


Standards Data

ASX84 0798

6D
INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Update File:

Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	RT OF STANDARDS LEVEL 1.	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MIDPOINT RT	RT WINDOW FROM	TO
Tetrachloro-m-xylene	3.36	3.36	3.36	3.36	3.36	3.36	3.33	3.39
Decachlorobiphenyl	9.46	9.46	9.45	9.45	9.44	9.45	9.42	9.48

ASX04 8/99

FORM VI-1

6D
INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601A
Calibration File: 2P2235
GC Column (1) : RTXCLP
ID: 0.32 (mm)
Update File: 2P2235.06R
Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	RT OF STANDARDS					MIDPOINT RT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5		FROM	TO
Tetrachloro-m-xylene			3.35			3.35	3.32	3.38
Decachlorobiphenyl			9.42			9.42	9.39	9.45

ASX84.0000

FORM VI-1

6D
INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601B
Calibration File: 1P2235B
GC Column (2) : RTXCLPII
ID: 0.32 (mm)
Update File:
Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	RT OF STANDARDS					MIDPOINT RT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5		FROM	TO
Tetrachloro-m-xylene	2.94	2.93	2.93	2.93	2.93	2.93	2.90	2.96
Decachlorobiphenyl	8.25	8.26	8.26	8.26	8.25	8.25	8.22	8.28

ASX84 8281

FORM VI-1

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Update File: 2P2235B.06R

Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	RT OF STANDARDS					MIDPOINT RT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5		FROM	TO
Tetrachloro-m-xylene			2.92			2.92	2.89	2.95
Decachlorobiphenyl			8.22			8.22	8.19	8.25

ASX04 0882

FORM VI-1

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	2.69E+03	3.35E+03	3.36E+03	3.21E+03	3.33E+03	3.19E+03	9.0
Decachlorobiphenyl	2.48E+03	2.31E+03	2.29E+03	2.13E+03	2.22E+03	2.29E+03	5.7

Average % RSD: 7.4

ASX84 0003

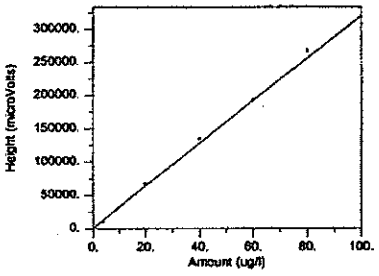
FORM VI-2

Calibration File Name: **C:\CPWIN\DATA1\1P2235.CAL** Version = 29
External standard calibration
Standard injection volume = 1
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units = ug/l
2 components with 5 levels each

1 TCX

Retention time = 3.355 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.004	10771.9	2690.287	1P2235.09A	8/26/2008 8:21:0
2	20.020	67085.5	3350.922	1P2235.10A	8/26/2008 8:21:1
3	40.040	134665.2	3363.267	1P2235.11A	8/26/2008 8:21:2
4	60.060	192721.4	3208.814	1P2235.12A	8/26/2008 8:21:4
5	80.080	266691.9	3330.318	1P2235.13A	8/26/2008 8:21:5



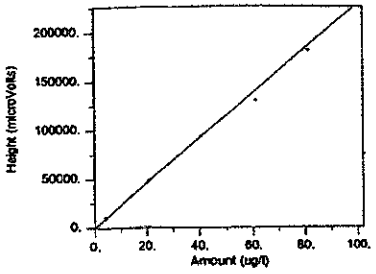
Calibration formula: Y = 3188.722 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9953, Average error = 6.25%
Average CF = 3188.7220 with RSD = 8.95%

2 DCB

Retention time = 9.448 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.080	10106.4	2477.056	1P2235.09A	8/26/2008 8:21:0
2	20.400	47189.4	2313.205	1P2235.10A	8/26/2008 8:21:1
3	40.800	93597.5	2294.057	1P2235.11A	8/26/2008 8:21:2
4	61.200	130142.8	2126.516	1P2235.12A	8/26/2008 8:21:4
5	81.600	181200.4	2220.593	1P2235.13A	8/26/2008 8:21:5

ASXR4-0004



Calibration formula: Y = 2286.285 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9931, Average error = 3.94%
Average CF = 2286.2850 with RSD = 5.66%

ASX84 P085

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	2.69E+03	3.35E+03	3.36E+03	3.21E+03	3.33E+03	3.19E+03	9.0
Decachlorobiphenyl	2.48E+03	2.31E+03	2.29E+03	2.13E+03	2.22E+03	2.29E+03	5.7

Average % RSD: 7.4

ASX84 0806

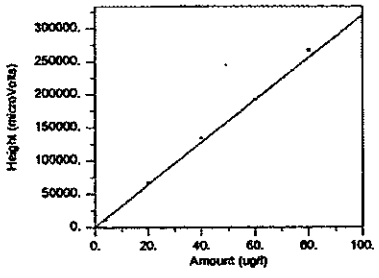
FORM VI-2

Calibration File Name: **C:\CPWIN\DATA1\2P2235.CAL** Version = 1
External standard calibration
Standard injection volume = 1
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units = ug/l
2 components with 5 levels each

1 TCX

Retention time = 3.350 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.004	10771.9	2690.287	1P2235.09A	8/26/2008 2:29:2
2	20.020	67085.5	3350.922	1P2235.10A	8/26/2008 2:29:3
3	40.040	134665.2	3363.267	1P2235.11A	8/26/2008 2:29:4
4	60.060	192721.4	3208.814	1P2235.12A	8/26/2008 2:29:5
5	80.080	266691.9	3330.318	1P2235.13A	8/26/2008 2:30:0



RT update#: 2P2235
Old ICAL: 1P2235
Files used: 2P2235.06R
Applies to: 2P2235.06R →
By. J Brillhart 2031 8-27-08
Audited By: Lafferty 2017 8.27.08

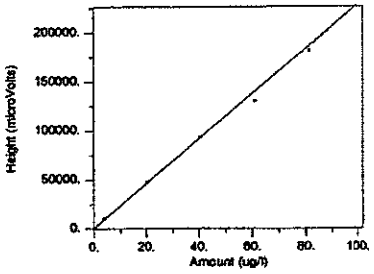
Calibration formula: Y = 3188.722 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9953, Average error = 6.25%
Average CF = 3188.7220 with RSD = 8.95%

2 DCB

Retention time = 9.418 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.080	10106.4	2477.056	1P2235.09A	8/26/2008 2:29:2
2	20.400	47189.4	2313.205	1P2235.10A	8/26/2008 2:29:3
3	40.800	93597.5	2294.057	1P2235.11A	8/26/2008 2:29:4
4	61.200	130142.8	2126.516	1P2235.12A	8/26/2008 2:29:5
5	81.600	181200.4	2220.593	1P2235.13A	8/26/2008 2:30:0

ASX04 0807



Calibration formula: Y = 2286.285 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9931, Average error = 3.94%
Average CF = 2286.2850 with RSD = 5.66%

ASX04 0000

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	5.34E+03	5.68E+03	5.42E+03	5.10E+03	5.09E+03	5.33E+03	4.5
Decachlorobiphenyl	5.41E+03	4.92E+03	4.42E+03	4.15E+03	4.11E+03	4.60E+03	12.0

Average % RSD: 8.3

ASX04 8889

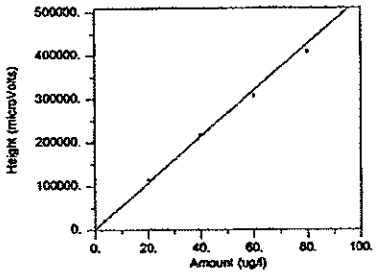
FORM VI-2

Calibration File Name: **C:\CPWIN\DATA1\1P2235B.CAL** Version = 33
External standard calibration
Standard injection volume = 1
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units = ug/l
2 components with 5 levels each

1 TCX

Retention time = 2.931 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.004	21390.8	5342.347	1P2235B.09A	8/26/2008 2:29:2
2	20.020	113646.3	5676.638	1P2235B.10A	8/26/2008 2:29:3
3	40.040	216931.8	5417.877	1P2235B.11A	8/26/2008 2:29:4
4	60.060	306606.1	5104.997	1P2235B.12A	8/26/2008 2:30:0
5	80.080	407989.1	5094.769	1P2235B.13A	8/26/2008 2:30:1



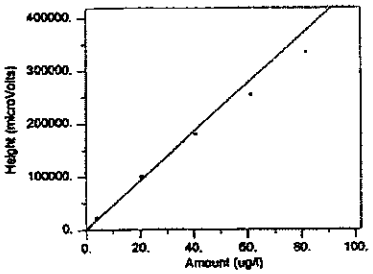
Calibration formula: Y = 5327.326 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9937, Average error = 3.42%
Average CF = 5327.3260 with RSD = 4.54%

2 DCB

Retention time = 8.249 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.080	22053.1	5405.182	1P2235B.09A	8/26/2008 2:29:2
2	20.400	100279.6	4915.667	1P2235B.10A	8/26/2008 2:29:3
3	40.800	180156.6	4415.603	1P2235B.11A	8/26/2008 2:29:4
4	61.200	253972.3	4149.874	1P2235B.12A	8/26/2008 2:30:0
5	81.600	335382.4	4110.079	1P2235B.13A	8/26/2008 2:30:1

ASX04 8818



Calibration formula: Y = 4599.281 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9596, Average error = 9.76%
Average CF = 4599.2810 with RSD = 12.03%

ASX84 8811

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	5.34E+03	5.68E+03	5.42E+03	5.10E+03	5.09E+03	5.33E+03	4.5
Decachlorobiphenyl	5.41E+03	4.92E+03	4.42E+03	4.15E+03	4.11E+03	4.60E+03	12.0

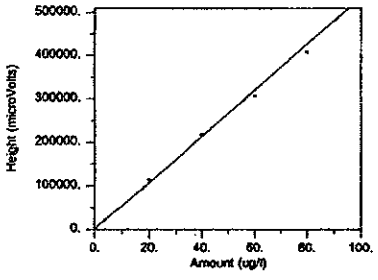
Average % RSD: 8.3

Calibration File Name: **C:\CPWIN\DATA1\2P2235B.CAL** Version = 1
External standard calibration
Standard injection volume = 1
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units = ug/l
2 components with 5 levels each

1 TCX

Retention time = 2.924 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.004	21390.8	5342.347	1P2235B.09A	8/26/2008 2:29:2
2	20.020	113646.3	5676.638	1P2235B.10A	8/26/2008 2:29:3
3	40.040	216931.8	5417.877	1P2235B.11A	8/26/2008 2:29:4
4	60.060	306606.1	5104.997	1P2235B.12A	8/26/2008 2:30:0
5	80.080	407989.1	5094.769	1P2235B.13A	8/26/2008 2:30:1



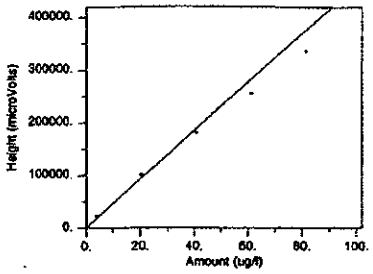
Calibration formula: Y = 5327.326 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9937, Average error = 3.42%
Average CF = 5327.3260 with RSD = 4.54%

2 DCB

Retention time = 8.220 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by height

Level	Amount	Height	Height/Amt	Source	Date and time
1	4.080	22053.1	5405.182	1P2235B.09A	8/26/2008 2:29:2
2	20.400	100279.6	4915.667	1P2235B.10A	8/26/2008 2:29:3
3	40.800	180156.6	4415.603	1P2235B.11A	8/26/2008 2:29:4
4	61.200	253972.3	4149.874	1P2235B.12A	8/26/2008 2:30:0
5	81.600	335382.4	4110.079	1P2235B.13A	8/26/2008 2:30:1

ASX04 0813



Calibration formula: Y = 4599.281 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9596, Average error = 9.76%
Average CF = 4599.2810 with RSD = 12.03%

ASX84.0014

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1): RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.77	3.74	3.80	68	1	50	3660	4.8
						2	100	6671	
						3	200	13042	
						4	500	33449	
						5	1000	65764	
	2	4.30	4.27	4.33	83	1	50	4610	6.2
						2	100	8254	
						3	200	15783	
						4	500	40888	
						5	1000	80749	
	3	4.59	4.56	4.62	186	1	50	10391	6.9
						2	100	17698	
						3	200	35703	
						4	500	92754	
						5	1000	179741	
	4	4.75	4.72	4.78	76	1	50	4196	6.8
						2	100	7201	
						3	200	14197	
						4	500	38324	
						5	1000	78257	
	5	5.18	5.15	5.21	60	1	50	3327	6.2
						2	100	5779	
						3	200	11468	
						4	500	29349	
						5	1000	60094	
	6	5.43	5.40	5.46	65	1	50	3277	7.9
						2	100	5565	
						3	200	13188	
						4	500	34038	
						5	1000	67732	
Aroclor-1221	1	3.59	3.56	3.62	36	1	200	7176	
	2	3.68	3.65	3.71	28	1	200	5606	
	3	3.76	3.73	3.79	96	1	200	19180	
Aroclor-1232	1	3.76	3.73	3.79	79	1	200	15856	
	2	4.30	4.27	4.33	40	1	200	7980	
	3	4.59	4.56	4.62	91	1	200	18119	
	4	4.74	4.71	4.77	35	1	200	7095	
	5	5.17	5.14	5.20	28	1	200	5637	
	6	5.42	5.39	5.45	6	1	200	1186	

ASX84 8815

FORM VI-3

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	3.77	3.74	3.80	56	1	200	11293	
	2	4.30	4.27	4.33	67	1	200	13346	
	3	4.59	4.56	4.62	147	1	200	29410	
	4	4.75	4.72	4.78	60	1	200	11947	
	5	5.18	5.15	5.21	50	1	200	9921	
	6	5.42	5.39	5.45	16	1	200	3191	
Aroclor-1248	1	4.59	4.56	4.62	93	1	50	4908	4.3
						2	100	9564	
						3	200	17826	
						4	500	45896	
						5	1000	89164	
	2	5.05	5.02	5.08	100	1	50	5494	8.8
						2	100	10802	
						3	200	18980	
						4	500	48297	
						5	1000	89487	
	3	5.48	5.45	5.51	60	1	50	3217	4.9
						2	100	5780	
						3	200	11627	
						4	500	29261	
						5	1000	62267	
	4	5.66	5.63	5.69	104	1	50	5829	8.6
						2	100	10786	
						3	200	19049	
						4	500	50946	
						5	1000	96140	
	5	6.01	5.98	6.04	55	1	50	2923	5.8
						2	100	5764	
						3	200	10332	
						4	500	26702	
						5	1000	52208	
	6	6.30	6.27	6.33	39	1	50	1858	3.2
						2	100	3878	
						3	200	7561	
						4	500	20111	
						5	1000	39393	

ASX84 5816

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.86	4.83	4.89	77	1	50	4359	12.5
						2	100	8543	
						3	250	18343	
						4	500	37833	
						5	1000	63555	
	2	5.65	5.62	5.68	128	1	50	7297	14.1
						2	100	14528	
						3	250	30224	
						4	500	62052	
						5	1000	103126	
	3	6.01	5.98	6.04	183	1	50	10233	12.8
						2	100	20555	
						3	250	43575	
						4	500	90603	
						5	1000	149467	
	4	6.30	6.27	6.33	138	1	50	7440	9.3
						2	100	14971	
						3	250	32527	
						4	500	71063	
						5	1000	119969	
	5	6.56	6.53	6.59	94	1	50	4748	6.8
						2	100	9991	
						3	250	22058	
						4	500	49886	
						5	1000	86362	
	6	6.72	6.69	6.75	155	1	50	8383	9.4
						2	100	16979	
						3	250	37094	
						4	500	76302	
						5	1000	134369	

ASX04 0017

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	6.08	6.05	6.11	70	1	50	3948	6.9
						2	100	6817	
						3	200	13571	
						4	500	34208	
						5	1000	67885	
	2	6.18	6.15	6.21	143	1	50	8194	8.3
						2	100	14041	
						3	200	27237	
						4	500	69794	
						5	1000	135275	
	3	6.45	6.42	6.48	167	1	50	9926	10.9
						2	100	16679	
						3	200	31984	
						4	500	79507	
						5	1000	152282	
	4	6.72	6.69	6.75	181	1	50	10247	7.3
						2	100	17414	
						3	200	35011	
						4	500	88166	
						5	1000	176954	
	5	6.81	6.78	6.84	101	1	50	5918	10.3
						2	100	9914	
						3	200	19268	
						4	500	48571	
						5	1000	91731	
	6	7.03	7.00	7.06	110	1	50	6253	8.0
						2	100	10516	
						3	200	20820	
						4	500	53399	
						5	1000	106783	

ASX84 8818

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1): RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	6.07	6.04	6.10	83	1	50	5828	23.9
						2	100	8223	
						3	200	15724	
						4	500	35179	
						5	1000	66617	
	2	6.18	6.15	6.21	131	1	50	9362	26.1
						2	100	13143	
						3	200	24955	
						4	500	54269	
						5	1000	100613	
	3	6.45	6.42	6.48	143	1	50	10539	28.2
						2	100	14534	
						3	200	27149	
						4	500	58782	
						5	1000	107538	
	4	6.72	6.69	6.75	129	1	50	9056	23.7
						2	100	12852	
						3	200	24824	
						4	500	54878	
						5	1000	103501	
	5	6.80	6.77	6.83	177	1	50	13015	28.6
						2	100	17939	
						3	200	33591	
						4	500	71922	
						5	1000	131179	
	6	7.02	6.99	7.05	146	1	50	10331	24.5
						2	100	14533	
						3	200	28264	
						4	500	61050	
						5	1000	116579	

ASX84 8819

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 1P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	6.81	6.78	6.84	79	1	50	4315	9.6
						2	100	8387	
						3	200	16376	
						4	500	37168	
						5	1000	67997	
	2	7.05	7.02	7.08	96	1	50	5329	11.7
						2	100	10324	
						3	200	20029	
						4	500	44312	
						5	1000	79771	
	3	7.71	7.68	7.74	374	1	50	21556	13.1
						2	100	40390	
						3	200	77055	
						4	500	169411	
						5	1000	310120	
	4	8.06	8.03	8.09	308	1	50	17425	10.7
						2	100	32999	
						3	200	62084	
						4	500	144385	
						5	1000	264452	
	5	8.18	8.15	8.21	78	1	50	4345	9.6
						2	100	8138	
						3	200	15876	
						4	500	36745	
						5	1000	67507	
	6	8.56	8.53	8.59	123	1	50	6864	7.7
						2	100	12768	
						3	200	23669	
						4	500	60153	
						5	1000	112883	

ASX84 5828

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6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.76	3.73	3.79	68	1	50	3660	4.8
						2	100	6671	
						3	200	13042	
						4	500	33449	
						5	1000	65764	
	2	4.29	4.26	4.32	83	1	50	4610	6.2
						2	100	8254	
						3	200	15783	
						4	500	40888	
						5	1000	80749	
	3	4.58	4.55	4.61	186	1	50	10391	6.9
						2	100	17698	
						3	200	35703	
						4	500	92754	
						5	1000	179741	
	4	4.74	4.71	4.77	76	1	50	4196	6.8
						2	100	7201	
						3	200	14197	
						4	500	38324	
						5	1000	78257	
	5	5.17	5.14	5.20	60	1	50	3327	6.2
						2	100	5779	
						3	200	11468	
						4	500	29349	
						5	1000	60094	
	6	5.41	5.38	5.44	65	1	50	3277	7.9
						2	100	5565	
						3	200	13188	
						4	500	34038	
						5	1000	67732	
Aroclor-1221	1	3.59	3.56	3.62	36	1	200	7176	
	2	3.68	3.65	3.71	28	1	200	5606	
	3	3.75	3.72	3.78	96	1	200	19180	
Aroclor-1232	1	3.75	3.72	3.78	79	1	200	15856	
	2	4.29	4.26	4.32	40	1	200	7980	
	3	4.58	4.55	4.61	91	1	200	18119	
	4	4.73	4.70	4.76	35	1	200	7095	
	5	5.16	5.13	5.19	28	1	200	5637	
	6	5.41	5.38	5.44	6	1	200	1186	

ASX04 8821

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	3.76	3.73	3.79	56	1	200	11293	
	2	4.29	4.26	4.32	67	1	200	13346	
	3	4.58	4.55	4.61	147	1	200	29410	
	4	4.74	4.71	4.77	60	1	200	11947	
	5	5.17	5.14	5.20	50	1	200	9921	
	6	5.41	5.38	5.44	16	1	200	3191	
Aroclor-1248	1	4.58	4.55	4.61	93	1	50	4908	4.3
						2	100	9564	
						3	200	17826	
						4	500	45896	
						5	1000	89164	
	2	5.04	5.01	5.07	100	1	50	5494	8.8
						2	100	10802	
						3	200	18980	
						4	500	48297	
						5	1000	89487	
	3	5.47	5.44	5.50	60	1	50	3217	4.9
						2	100	5780	
						3	200	11627	
						4	500	29261	
						5	1000	62267	
	4	5.65	5.62	5.68	104	1	50	5829	8.6
						2	100	10786	
						3	200	19049	
						4	500	50946	
						5	1000	96140	
	5	5.99	5.96	6.02	55	1	50	2923	5.8
						2	100	5764	
						3	200	10332	
						4	500	26702	
						5	1000	52208	
	6	6.29	6.26	6.32	39	1	50	1858	3.2
						2	100	3878	
						3	200	7561	
						4	500	20111	
						5	1000	39393	

ASX84 0822

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6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1): RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.85	4.82	4.88	77	1	50	4359	12.5
						2	100	8543	
						3	250	18343	
						4	500	37833	
						5	1000	63555	
	2	5.64	5.61	5.67	128	1	50	7297	14.1
						2	100	14528	
						3	250	30224	
						4	500	62052	
						5	1000	103126	
	3	5.99	5.96	6.02	183	1	50	10233	12.8
						2	100	20555	
						3	250	43575	
						4	500	90603	
						5	1000	149467	
	4	6.29	6.26	6.32	138	1	50	7440	9.3
						2	100	14971	
						3	250	32527	
						4	500	71063	
						5	1000	119969	
	5	6.55	6.52	6.58	94	1	50	4748	6.8
						2	100	9991	
						3	250	22058	
						4	500	49886	
						5	1000	86362	
	6	6.71	6.68	6.74	155	1	50	8383	9.4
						2	100	16979	
						3	250	37094	
						4	500	76302	
						5	1000	134369	

ASX84 6823

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	6.06	6.03	6.09	70	1	50	3948	6.9
						2	100	6817	
						3	200	13571	
						4	500	34208	
						5	1000	67885	
	2	6.17	6.14	6.20	143	1	50	8194	8.3
						2	100	14041	
						3	200	27237	
						4	500	69794	
						5	1000	135275	
	3	6.44	6.41	6.47	167	1	50	9926	10.9
						2	100	16679	
						3	200	31984	
						4	500	79507	
						5	1000	152282	
	4	6.71	6.68	6.74	181	1	50	10247	7.3
						2	100	17414	
						3	200	35011	
						4	500	88166	
						5	1000	176954	
	5	6.80	6.77	6.83	101	1	50	5918	10.3
						2	100	9914	
						3	200	19268	
						4	500	48571	
						5	1000	91731	
	6	7.01	6.98	7.04	110	1	50	6253	8.0
						2	100	10516	
						3	200	20820	
						4	500	53399	
						5	1000	106783	

ASX04 0824

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	6.06	6.03	6.09	83	1	50	5828	23.9
						2	100	8223	
						3	200	15724	
						4	500	35179	
						5	1000	66617	
	2	6.16	6.13	6.19	131	1	50	9362	26.1
						2	100	13143	
						3	200	24955	
						4	500	54269	
						5	1000	100613	
	3	6.43	6.40	6.46	143	1	50	10539	28.2
						2	100	14534	
						3	200	27149	
						4	500	58782	
						5	1000	107538	
	4	6.70	6.67	6.73	129	1	50	9056	23.7
						2	100	12852	
						3	200	24824	
						4	500	54878	
						5	1000	103501	
	5	6.79	6.76	6.82	177	1	50	13015	28.6
						2	100	17939	
						3	200	33591	
						4	500	71922	
						5	1000	131179	
	6	7.01	6.98	7.04	146	1	50	10331	24.5
						2	100	14533	
						3	200	28264	
						4	500	61050	
						5	1000	116579	

ASX64 8625

FORM VI-3

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Calibration File: 2P2235

GC Column (1) : RTXCLP ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	6.79	6.76	6.82	79	1	50	4315	9.6
						2	100	8387	
						3	200	16376	
						4	500	37168	
						5	1000	67997	
	2	7.03	7.00	7.06	96	1	50	5329	11.7
						2	100	10324	
						3	200	20029	
						4	500	44312	
						5	1000	79771	
	3	7.69	7.66	7.72	374	1	50	21556	13.1
						2	100	40390	
						3	200	77055	
						4	500	169411	
						5	1000	310120	
	4	8.04	8.01	8.07	308	1	50	17425	10.7
						2	100	32999	
						3	200	62084	
						4	500	144385	
						5	1000	264452	
	5	8.17	8.14	8.20	78	1	50	4345	9.6
						2	100	8138	
						3	200	15876	
						4	500	36745	
						5	1000	67507	
	6	8.54	8.51	8.57	123	1	50	6864	7.7
						2	100	12768	
						3	200	23669	
						4	500	60153	
						5	1000	112883	

ASX04 0826

FORM VI-3

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.36	3.33	3.39	125	1	50	7677	13.6
						2	100	12774	
						3	200	24009	
						4	500	58397	
						5	1000	109376	
	2	3.69	3.66	3.72	188	1	50	11994	17.9
						2	100	19698	
						3	200	36469	
						4	500	85932	
						5	1000	149556	
	3	3.88	3.85	3.91	142	1	50	8641	12.8
						2	100	14110	
						3	200	27339	
						4	500	66757	
						5	1000	125549	
	4	4.12	4.09	4.15	318	1	50	19562	13.8
						2	100	31926	
						3	200	60978	
						4	500	148902	
						5	1000	276309	
	5	4.39	4.36	4.42	85	1	50	5243	14.6
						2	100	8792	
						3	200	15969	
						4	500	39158	
						5	1000	73081	
	6	4.71	4.68	4.74	106	1	50	6487	15.8
						2	100	11060	
						3	200	20672	
						4	500	51146	
						5	1000	83226	
Aroclor-1221	1	3.18	3.15	3.21	70	1	200	13998	
	2	3.27	3.24	3.30	50	1	200	10045	
	3	3.36	3.33	3.39	174	1	200	34856	
Aroclor-1232	1	3.36	3.33	3.39	144	1	200	28886	
	2	3.69	3.66	3.72	100	1	200	19971	
	3	3.87	3.84	3.90	70	1	200	13924	
	4	4.12	4.09	4.15	165	1	200	32936	
	5	4.39	4.36	4.42	40	1	200	7938	
	6	4.70	4.67	4.73	54	1	200	10715	

ASX84 8827

FORM VI-3

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: H2601B Calibration File: 1P2235B
GC Column (2): RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	3.36	3.33	3.39	105	1	200	20968	
	2	3.69	3.66	3.72	149	1	200	29794	
	3	3.88	3.85	3.91	115	1	200	23009	
	4	4.12	4.09	4.15	251	1	200	50199	
	5	4.39	4.36	4.42	70	1	200	14084	
	6	4.70	4.67	4.73	77	1	200	15448	
Aroclor-1248	1	4.18	4.15	4.21	36	1	50	2218	18.3
						2	100	4059	
						3	200	6656	
						4	500	15826	
						5	1000	28671	
	2	4.39	4.36	4.42	94	1	50	5805	18.7
						2	100	11012	
						3	200	16880	
						4	500	43009	
						5	1000	75578	
	3	4.56	4.53	4.59	165	1	50	10071	16.7
						2	100	18535	
						3	200	30129	
						4	500	75293	
						5	1000	135403	
	4	4.71	4.68	4.74	117	1	50	6421	10.4
						2	100	13163	
						3	200	22181	
						4	500	55900	
						5	1000	103343	
	5	4.91	4.88	4.94	137	1	50	8104	14.6
						2	100	15357	
						3	200	25856	
						4	500	63776	
						5	1000	113423	
	6	5.12	5.09	5.15	82	1	50	4849	13.8
						2	100	8881	
						3	200	15506	
						4	500	37661	
						5	1000	68937	

ASX84 8828

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	5.28	5.25	5.31	95	1	50	5698	16.8
						2	100	10699	
						3	250	22359	
						4	500	45060	
						5	1000	73609	
	2	5.37	5.34	5.40	170	1	50	10164	17.1
						2	100	19598	
						3	250	39777	
						4	500	80100	
						5	1000	132472	
	3	5.45	5.42	5.48	310	1	50	18679	17.8
						2	100	35696	
						3	250	71870	
						4	500	145413	
						5	1000	239388	
	4	5.68	5.65	5.71	218	1	50	12617	15.0
						2	100	24865	
						3	250	51455	
						4	500	104567	
						5	1000	174037	
	5	5.99	5.96	6.02	127	1	50	6212	6.4
						2	100	13594	
						3	250	30483	
						4	500	66874	
						5	1000	116737	
	6	6.10	6.07	6.13	257	1	50	14897	14.7
						2	100	29105	
						3	250	60806	
						4	500	124627	
						5	1000	205575	

ASX84 0829

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	5.48	5.45	5.51	90	1	50	5631	15.5
						2	100	9349	
						3	200	17202	
						4	500	39951	
						5	1000	78325	
	2	5.59	5.56	5.62	240	1	50	14978	15.2
						2	100	24803	
						3	200	45897	
						4	500	109739	
						5	1000	205651	
	3	5.78	5.75	5.81	280	1	50	17213	14.2
						2	100	28836	
						3	200	54046	
						4	500	128648	
						5	1000	241327	
	4	6.10	6.07	6.13	188	1	50	11858	16.1
						2	100	19303	
						3	200	35625	
						4	500	88699	
						5	1000	155987	
	5	6.40	6.37	6.43	213	1	50	12783	11.7
						2	100	21114	
						3	200	40885	
						4	500	101145	
						5	1000	191585	
	6	7.57	7.54	7.60	154	1	50	8991	9.9
						2	100	15280	
						3	200	29364	
						4	500	73921	
						5	1000	141214	

ASX04 R838

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2): RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	6.10	6.07	6.13	103	1	50	7542	29.5
						2	100	10709	
						3	200	20088	
						4	500	40918	
						5	1000	72744	
	2	6.19	6.16	6.22	84	1	50	6263	28.4
						2	100	8437	
						3	200	15524	
						4	500	33638	
						5	1000	67261	
	3	6.49	6.46	6.52	123	1	50	9099	31.7
						2	100	13896	
						3	200	22959	
						4	500	46800	
						5	1000	85301	
	4	6.93	6.90	6.96	227	1	50	17586	33.1
						2	100	23336	
						3	200	42433	
						4	500	89621	
						5	1000	159871	
	5	7.39	7.36	7.42	96	1	50	6804	24.1
						2	100	9232	
						3	200	18310	
						4	500	40863	
						5	1000	78573	
	6	7.92	7.89	7.95	109	1	50	7834	25.8
						2	100	10806	
						3	200	20465	
						4	500	46107	
						5	1000	85378	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 1P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/23/2008 8/23/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	6.14	6.11	6.17	136	1	50	7718	14.0
						2	100	15020	
						3	200	28304	
						4	500	61537	
						5	1000	109539	
	2	6.39	6.36	6.42	173	1	50	10207	16.1
						2	100	19087	
						3	200	35858	
						4	500	76512	
						5	1000	136179	
	3	6.64	6.61	6.67	75	1	50	4058	8.5
						2	100	7986	
						3	200	15547	
						4	500	35791	
						5	1000	65799	
	4	6.99	6.96	7.02	565	1	50	34617	17.5
						2	100	62301	
						3	200	113657	
						4	500	248139	
						5	1000	443669	
	5	7.21	7.18	7.24	573	1	50	34029	16.3
						2	100	63443	
						3	200	118465	
						4	500	255157	
						5	1000	449354	
	6	7.56	7.53	7.59	264	1	50	15199	13.3
						2	100	28484	
						3	200	54731	
						4	500	120676	
						5	1000	216021	

4SX64 8832

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.35	3.32	3.38	125	1	50	7677	13.6
						2	100	12774	
						3	200	24009	
						4	500	58397	
						5	1000	109376	
	2	3.68	3.65	3.71	188	1	50	11994	17.9
						2	100	19698	
						3	200	36469	
						4	500	85932	
						5	1000	149556	
	3	3.87	3.84	3.90	142	1	50	8641	12.8
						2	100	14110	
						3	200	27339	
						4	500	66757	
						5	1000	125549	
	4	4.11	4.08	4.14	318	1	50	19562	13.8
						2	100	31926	
						3	200	60978	
						4	500	148902	
						5	1000	276309	
	5	4.38	4.35	4.41	85	1	50	5243	14.6
						2	100	8792	
						3	200	15969	
						4	500	39158	
						5	1000	73081	
	6	4.69	4.66	4.72	106	1	50	6487	15.8
						2	100	11060	
						3	200	20672	
						4	500	51146	
						5	1000	83226	
Aroclor-1221	1	3.17	3.14	3.20	70	1	200	13998	
	2	3.26	3.23	3.29	50	1	200	10045	
	3	3.35	3.32	3.38	174	1	200	34856	
Aroclor-1232	1	3.35	3.32	3.38	144	1	200	28886	
	2	3.68	3.65	3.71	100	1	200	19971	
	3	3.86	3.83	3.89	70	1	200	13924	
	4	4.10	4.07	4.13	165	1	200	32936	
	5	4.37	4.34	4.40	40	1	200	7938	
	6	4.68	4.65	4.71	54	1	200	10715	

ASX64 8833

FORM VI-3

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	3.35	3.32	3.38	105	1	200	20968	
	2	3.68	3.65	3.71	149	1	200	29794	
	3	3.87	3.84	3.90	115	1	200	23009	
	4	4.11	4.08	4.14	251	1	200	50199	
	5	4.38	4.35	4.41	70	1	200	14084	
	6	4.69	4.66	4.72	77	1	200	15448	
Aroclor-1248	1	4.17	4.14	4.20	36	1	50	2218	18.3
						2	100	4059	
						3	200	6656	
						4	500	15826	
						5	1000	28671	
	2	4.38	4.35	4.41	94	1	50	5805	18.7
						2	100	11012	
						3	200	16880	
						4	500	43009	
						5	1000	75578	
	3	4.55	4.52	4.58	165	1	50	10071	16.7
						2	100	18535	
						3	200	30129	
						4	500	75293	
						5	1000	135403	
	4	4.69	4.66	4.72	117	1	50	6421	10.4
						2	100	13163	
						3	200	22181	
						4	500	55900	
						5	1000	103343	
	5	4.90	4.87	4.93	137	1	50	8104	14.6
						2	100	15357	
						3	200	25856	
						4	500	63776	
						5	1000	113423	
	6	5.10	5.07	5.13	82	1	50	4849	13.8
						2	100	8881	
						3	200	15506	
						4	500	37661	
						5	1000	68937	

6SX04 0834

FORM VI-3

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2): RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	5.27	5.24	5.30	95	1	50	5698	16.8
						2	100	10699	
						3	250	22359	
						4	500	45060	
						5	1000	73609	
	2	5.35	5.32	5.38	170	1	50	10164	17.1
						2	100	19598	
						3	250	39777	
						4	500	80100	
						5	1000	132472	
	3	5.44	5.41	5.47	310	1	50	18679	17.8
						2	100	35696	
						3	250	71870	
						4	500	145413	
						5	1000	239388	
	4	5.67	5.64	5.70	218	1	50	12617	15.0
						2	100	24865	
						3	250	51455	
						4	500	104567	
						5	1000	174037	
	5	5.97	5.94	6.00	127	1	50	6212	6.4
						2	100	13594	
						3	250	30483	
						4	500	66874	
						5	1000	116737	
	6	6.08	6.05	6.11	257	1	50	14897	14.7
						2	100	29105	
						3	250	60806	
						4	500	124627	
						5	1000	205575	

ASX84 8835

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2): RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	5.46	5.43	5.49	90	1	50	5631	15.5
						2	100	9349	
						3	200	17202	
						4	500	39951	
						5	1000	78325	
	2	5.57	5.54	5.60	240	1	50	14978	15.2
						2	100	24803	
						3	200	45897	
						4	500	109739	
						5	1000	205651	
	3	5.77	5.74	5.80	280	1	50	17213	14.2
						2	100	28836	
						3	200	54046	
						4	500	128648	
						5	1000	241327	
	4	6.09	6.06	6.12	188	1	50	11858	16.1
						2	100	19303	
						3	200	35625	
						4	500	88699	
						5	1000	155987	
	5	6.38	6.35	6.41	213	1	50	12783	11.7
						2	100	21114	
						3	200	40885	
						4	500	101145	
						5	1000	191585	
	6	7.54	7.51	7.57	154	1	50	8991	9.9
						2	100	15280	
						3	200	29364	
						4	500	73921	
						5	1000	141214	

ASX84 8836

FORM VI-3

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	6.08	6.05	6.11	103	1	50	7542	29.5
						2	100	10709	
						3	200	20088	
						4	500	40918	
						5	1000	72744	
	2	6.17	6.14	6.20	84	1	50	6263	28.4
						2	100	8437	
						3	200	15524	
						4	500	33638	
						5	1000	67261	
	3	6.47	6.44	6.50	123	1	50	9099	31.7
						2	100	13896	
						3	200	22959	
						4	500	46800	
						5	1000	85301	
	4	6.91	6.88	6.94	227	1	50	17586	33.1
						2	100	23336	
						3	200	42433	
						4	500	89621	
						5	1000	159871	
	5	7.37	7.34	7.40	96	1	50	6804	24.1
						2	100	9232	
						3	200	18310	
						4	500	40863	
						5	1000	78573	
	6	7.89	7.86	7.92	109	1	50	7834	25.8
						2	100	10806	
						3	200	20465	
						4	500	46107	
						5	1000	85378	

ASX04 3837

FORM VI-3

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Calibration File: 2P2235B

GC Column (2) : RTXCLPII ID: 0.32 (mm) Date(s) Analyzed: 8/26/2008 8/26/2008

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	6.13	6.10	6.16	136	1	50	7718	14.0
						2	100	15020	
						3	200	28304	
						4	500	61537	
						5	1000	109539	
	2	6.38	6.35	6.41	173	1	50	10207	16.1
						2	100	19087	
						3	200	35858	
						4	500	76512	
						5	1000	136179	
	3	6.63	6.60	6.66	75	1	50	4058	8.5
						2	100	7986	
						3	200	15547	
						4	500	35791	
						5	1000	65799	
	4	6.97	6.94	7.00	565	1	50	34617	17.5
						2	100	62301	
						3	200	113657	
						4	500	248139	
						5	1000	443669	
	5	7.19	7.16	7.22	573	1	50	34029	16.3
						2	100	63443	
						3	200	118465	
						4	500	255157	
						5	1000	449354	
	6	7.54	7.51	7.57	264	1	50	15199	13.3
						2	100	28484	
						3	200	54731	
						4	500	120676	
						5	1000	216021	

ASX84 8038

FORM VI-3

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Init. Calib Date(s): 08/23/08 08/23/08

GC Column (1) : RTXCLP ID: .32 (mm) Date Analyzed: 08/23/08

Lab File ID: 1P2235.41R Time Analyzed: 21:45

Lab Standard ID: IC16XAA Initial Calibration: 1P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	42.77	39.90	7.2
Decachlorobiphenyl	9.43	9.41	9.47	42.79	40.06	6.8
Aroclor-1016	3.76	3.74	3.80	205.83	200.00	2.9
	4.30	4.27	4.33			
	4.59	4.56	4.62			
	4.74	4.72	4.78			
	5.18	5.15	5.21			
	5.42	5.40	5.46			
Aroclor-1260	6.07	6.05	6.11	216.65	200.20	8.2
	6.18	6.15	6.21			
	6.45	6.42	6.48			
	6.71	6.69	6.75			
	6.80	6.78	6.84			
	7.02	7.00	7.06			

Average of %D: 6.3

ASX04 0039

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: H2601B Init. Calib Date(s): 08/23/08 08/23/08
GC Column (2) : RTXCLPII ID: .32 (mm) Date Analyzed: 08/23/08
Lab File ID: 1P2235B.41R Time Analyzed: 21:45
Lab Standard ID: IC16XAA Initial Calibration: 1P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.93	2.90	2.96	40.23	39.90	0.8
Decachlorobiphenyl	8.23	8.26	8.32	41.33	40.06	3.2
Aroclor-1016	3.36	3.33	3.39	199.02	200.00	-0.5
	3.69	3.66	3.72			
	3.87	3.85	3.91			
	4.12	4.09	4.15			
	4.39	4.36	4.42			
	4.70	4.68	4.74			
Aroclor-1260	5.47	5.45	5.51	208.88	200.20	4.3
	5.58	5.56	5.62			
	5.78	5.75	5.81			
	6.09	6.07	6.13			
	6.39	6.37	6.43			
	7.55	7.54	7.60			

Average of %D: 2.2

ASX04 8848

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Init. Calib Date(s): 08/23/08 08/23/08

GC Column (1) : RTXCLP ID: .32 (mm) Date Analyzed: 08/23/08

Lab File ID: 1P2235.42R Time Analyzed: 21:59

Lab Standard ID: IC48XAM Initial Calibration: 1P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	41.65	39.90	4.4
Decachlorobiphenyl	9.43	9.41	9.47	41.29	40.06	3.1
Aroclor-1248	4.59	4.56	4.62	212.44	200.20	6.1
	5.04	5.02	5.08			
	5.48	5.45	5.51			
	5.65	5.63	5.69			
	6.00	5.98	6.04			
	6.29	6.27	6.33			

Average of %D: 4.5

ASX84 0041

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: H2601B Init. Calib Date(s): 08/23/08 08/23/08
GC Column (2) : RTXCLPII ID: .32 (mm) Date Analyzed: 08/23/08
Lab File ID: 1P2235B.42R Time Analyzed: 21:59
Lab Standard ID: IC48XAM Initial Calibration: 1P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.93	2.90	2.96	40.64	39.90	1.8
Decachlorobiphenyl	8.23	8.26	8.32	39.82	40.06	-0.6
Aroclor-1248	4.17	4.15	4.21	212.24	200.20	6.0
	4.39	4.36	4.42			
	4.56	4.53	4.59			
	4.70	4.68	4.74			
	4.90	4.88	4.94			
	5.11	5.09	5.15			

Average of %D: 2.8

ASX04 8842

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Init. Calib Date(s): 08/23/08 08/23/08

GC Column (1) : RTXCLP ID: .32 (mm) Date Analyzed: 08/23/08

Lab File ID: 1P2235.43R Time Analyzed: 22:13

Lab Standard ID: IC54XAA Initial Calibration: 1P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	41.00	39.90	2.8
Decachlorobiphenyl	9.42	9.41	9.47	40.67	40.06	1.5
Aroclor-1254	4.85	4.83	4.89	238.50	250.00	-4.6
	5.23	5.62	5.68			
	5.64	5.98	6.04			
	6.00	6.27	6.33			
	6.29	6.53	6.59			
	6.71	6.69	6.75			

Average of %D: 3.0

ASX84 0843

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Init. Calib Date(s): 08/23/08 08/23/08

GC Column (2) : RTXCLPII ID: .32 (mm) Date Analyzed: 08/23/08

Lab File ID: 1P2235B.43R Time Analyzed: 22:13

Lab Standard ID: IC54XAA Initial Calibration: 1P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.93	2.90	2.96	39.35	39.90	-1.4
Decachlorobiphenyl	8.23	8.26	8.32	39.36	40.06	-1.7
Aroclor-1254	5.27	5.25	5.31	227.58	250.00	-9.0
	5.36	5.34	5.40			
	5.45	5.42	5.48			
	5.68	5.65	5.71			
	5.98	5.96	6.02			
	6.09	6.07	6.13			

Average of %D: 4.0

ASX04 0044

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Init. Calib Date(s): 08/26/08 08/26/08

GC Column (1) : RTXCLP ID: .32 (mm) Date Analyzed: 09/05/08

Lab File ID: 9P2235.22R Time Analyzed: 19:08

Lab Standard ID: AR164DE Initial Calibration: 2P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	58.57	59.85	-2.1
Decachlorobiphenyl	9.42	9.39	9.45	56.55	60.09	-5.9
Aroclor-1016	3.76	3.73	3.79	495.77	500.00	-0.8
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.74	4.71	4.77			
	5.17	5.14	5.20			
	5.41	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	476.88	500.00	-4.6
	6.17	6.14	6.20			
	6.44	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.01	6.98	7.04			

Average of %D: 3.4

ASX84 5845

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601B
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (2) : RTXCLPII ID: .32 (mm)
Date Analyzed: 09/05/08
Lab File ID: 9P2235B.22R
Time Analyzed: 19:08
Lab Standard ID: AR164DE
Initial Calibration: 2P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.92	2.89	2.95	55.57	59.85	-7.2
Decachlorobiphenyl	8.22	8.19	8.25	53.16	60.09	-11.5
Aroclor-1016	3.35	3.32	3.38	447.06	500.00	-10.6
	3.68	3.65	3.71			
	3.87	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.46	5.43	5.49	448.87	500.00	-10.2
	5.57	5.54	5.60			
	5.77	5.74	5.80			
	6.09	6.06	6.12			
	6.38	6.35	6.41			
	7.54	7.51	7.57			

Average of %D: 9.9

ASX04 0846

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601A
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (1) : RTXCLP ID: .32 (mm)
Date Analyzed: 09/05/08
Time Analyzed: 21:47
Lab File ID: 9P2235.33R
Initial Calibration: 2P2235
Lab Standard ID: AR163FP

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	41.79	39.90	4.7
Decachlorobiphenyl	9.43	9.39	9.45	40.25	40.06	0.5
Aroclor-1016	3.75	3.73	3.79	193.39	200.00	-3.3
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.73	4.71	4.77			
	5.17	5.14	5.20			
	5.41	5.38	5.44			
Aroclor-1260	6.06	6.03	6.09	199.67	200.00	-0.2
	6.17	6.14	6.20			
	6.44	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.01	6.98	7.04			

Average of %D: 2.2

ASXB4. 0847

FORM VII

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601B
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (2) : RTXCLPII ID: .32 (mm)
Date Analyzed: 09/05/08
Lab File ID: 9P2235B.33R
Time Analyzed: 21:47
Lab Standard ID: AR163FP
Initial Calibration: 2P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.92	2.89	2.95	40.00	39.90	0.2
Decachlorobiphenyl	8.22	8.19	8.25	39.34	40.06	-1.8
Aroclor-1016	3.35	3.32	3.38	187.85	200.00	-6.1
	3.68	3.65	3.71			
	3.86	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.46	5.43	5.49	189.01	200.00	-5.5
	5.57	5.54	5.60			
	5.76	5.74	5.80			
	6.08	6.06	6.12			
	6.38	6.35	6.41			
	7.54	7.51	7.57			

Average of %D: 3.4

ASX84 0048

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: H2601A
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (1) : RTXCLP ID: .32 (mm)
Date Analyzed: 09/06/08
Lab File ID: 9P2235.45R
Time Analyzed: 0:40
Lab Standard ID: AR162EZ
Initial Calibration: 2P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	19.66	19.95	-1.5
Decachlorobiphenyl	9.43	9.39	9.45	20.74	20.03	3.5
Aroclor-1016	3.76	3.73	3.79	87.93	100.00	-12.1
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.74	4.71	4.77			
	5.17	5.14	5.20			
	5.42	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	96.07	100.00	-3.9
	6.17	6.14	6.20			
	6.45	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.02	6.98	7.04			

Average of %D: 5.3

ASX84 8849

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601B
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (2) : RTXCLPII ID: .32 (mm)
Date Analyzed: 09/06/08
Time Analyzed: 0:40
Lab File ID: 9P2235B.45R
Initial Calibration: 2P2235B
Lab Standard ID: AR162EZ

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.93	2.89	2.95	19.08	19.95	-4.4
Decachlorobiphenyl	8.22	8.19	8.25	20.54	20.03	2.5
Aroclor-1016	3.35	3.32	3.38	82.89	100.00	-17.1
	3.68	3.65	3.71			
	3.87	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.46	5.43	5.49	88.15	100.00	-11.8
	5.57	5.54	5.60			
	5.77	5.74	5.80			
	6.09	6.06	6.12			
	6.38	6.35	6.41			
	7.54	7.51	7.57			

Average of %D: 9.0

ASX84 8858

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601A
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (1) : RTXCLP ID: .32 (mm)
Date Analyzed: 09/06/08
Time Analyzed: 2:21
Lab File ID: 9P2235.52R
Initial Calibration: 2P2235
Lab Standard ID: AR163FP

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	39.72	39.90	-0.5
Decachlorobiphenyl	9.44	9.39	9.45	39.98	40.06	-0.2
Aroclor-1016	3.76	3.73	3.79	175.90	200.00	-12.0
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.74	4.71	4.77			
	5.17	5.14	5.20			
	5.42	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	179.95	200.00	-10.0
	6.17	6.14	6.20			
	6.45	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.02	6.98	7.04			

Average of %D: 5.7

ASX04 0051

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code: Case No.:
SAS No.: SDG No.:
Instrument: H2601B
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (2) : RTXCLPII ID: .32 (mm)
Date Analyzed: 09/06/08
Lab File ID: 9P2235B.52R
Time Analyzed: 2:21
Lab Standard ID: AR163FP
Initial Calibration: 2P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.93	2.89	2.95	38.20	39.90	-4.3
Decachlorobiphenyl	8.22	8.19	8.25	37.38	40.06	-6.7
Aroclor-1016	3.35	3.32	3.38	167.48	200.00	-16.3
	3.68	3.65	3.71			
	3.87	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.46	5.43	5.49	165.94	200.00	-17.0
	5.58	5.54	5.60			
	5.77	5.74	5.80			
	6.09	6.06	6.12			
	6.39	6.35	6.41			
	7.55	7.51	7.57			

Average of %D: 11.1

ASX84 0852

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601A Init. Calib Date(s): 08/26/08 08/26/08

GC Column (1) : RTXCLP ID: .32 (mm) Date Analyzed: 09/08/08

Lab File ID: 10P2235.13R Time Analyzed: 17:45

Lab Standard ID: AR164DI Initial Calibration: 2P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	60.24	59.85	0.7
Decachlorobiphenyl	9.43	9.39	9.45	58.29	60.09	-3.0
Aroclor-1016	3.76	3.73	3.79	482.44	500.00	-3.5
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.74	4.71	4.77			
	5.17	5.14	5.20			
	5.41	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	474.68	500.00	-5.1
	6.17	6.14	6.20			
	6.44	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.02	6.98	7.04			

Average of %D: 3.1

ASX84 0853

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument: H2601B Init. Calib Date(s): 08/26/08 08/26/08

GC Column (2) : RTXCLPII ID: .32 (mm) Date Analyzed: 09/08/08

Lab File ID: 10P2235B.13R Time Analyzed: 17:45

Lab Standard ID: AR164DI Initial Calibration: 2P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.93	2.89	2.95	56.72	59.85	-5.2
Decachlorobiphenyl	8.22	8.19	8.25	50.86	60.09	-15.4
Aroclor-1016	3.35	3.32	3.38	432.58	500.00	-13.5
	3.68	3.65	3.71			
	3.87	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.46	5.43	5.49	416.41	500.00	-16.7
	5.57	5.54	5.60			
	5.77	5.74	5.80			
	6.08	6.06	6.12			
	6.38	6.35	6.41			
	7.54	7.51	7.57			

Average of %D: 12.7

ASX04 0854

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: H2601A
Init. Calib Date(s): 08/26/08 08/26/08
GC Column (1) : RTXCLP ID: .32 (mm)
Date Analyzed: 09/08/08
Lab File ID: 10P2235.33R
Time Analyzed: 22:33
Lab Standard ID: AR163FX
Initial Calibration: 2P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	39.68	39.90	-0.6
Decachlorobiphenyl	9.42	9.39	9.45	41.02	40.06	2.4
Aroclor-1016	3.76	3.73	3.79	179.85	200.00	-10.1
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.73	4.71	4.77			
	5.17	5.14	5.20			
	5.41	5.38	5.44			
Aroclor-1260	6.06	6.03	6.09	189.61	200.00	-5.2
	6.17	6.14	6.20			
	6.44	6.41	6.47			
	6.71	6.68	6.74			
	6.80	6.77	6.83			
	7.02	6.98	7.04			

Average of %D: 4.6

ASX84 10855

FORM VII

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: H2601B Init. Calib Date(s): 08/26/08 08/26/08
GC Column (2) : RTXCLPII ID: .32 (mm) Date Analyzed: 09/08/08
Lab File ID: 10P2235B.33R Time Analyzed: 22:33
Lab Standard ID: AR163FX Initial Calibration: 2P2235B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	2.93	2.89	2.95	37.50	39.90	-6.0
Decachlorobiphenyl	8.22	8.19	8.25	38.01	40.06	-5.1
Aroclor-1016	3.35	3.32	3.38	167.60	200.00	-16.2
	3.68	3.65	3.71			
	3.87	3.84	3.90			
	4.11	4.08	4.14			
	4.38	4.35	4.41			
	4.69	4.66	4.72			
Aroclor-1260	5.45	5.43	5.49	175.19	200.00	-12.4
	5.57	5.54	5.60			
	5.77	5.74	5.80			
	6.08	6.06	6.12			
	6.38	6.35	6.41			
	7.54	7.51	7.57			

Average of %D: 9.9

ASX04 0856

FORM VII

8D
ANALYTICAL SEQUENCE

Sequence: 1P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	08/22/2008	20:53:42	1P2235		
002		CONDITIONER	08/22/2008	21:08:00	1P2235		
003		CONDITIONER	08/22/2008	21:22:20	1P2235		
004		CONDITIONER	08/22/2008	21:36:43	1P2235		
005		CONDITIONER	08/22/2008	21:51:04	1P2235		
006	PIBLKAA	IBLKX0824A	08/23/2008	13:19:48	1P2235		
007		CONDITIONER	08/23/2008	13:34:08	1P2235		
008	IBLKXZI	IBLKX0824C	08/23/2008	13:48:32	1P2235		
009	AR161AA	AR1610824A	08/23/2008	14:02:56	1P2235		
010	AR162AA	AR1620824A	08/23/2008	14:17:25	1P2235		
011	AR163AA	AR1630824A	08/23/2008	14:31:51	1P2235		
012	AR164AA	AR1640824A	08/23/2008	14:46:20	1P2235		
013	AR165AA	AR1650824A	08/23/2008	15:00:45	1P2235		
014	AR481AA	AR4810824B	08/23/2008	15:15:12	1P2235		
015	AR482AA	AR4820824B	08/23/2008	15:29:41	1P2235		
016	AR483AA	AR4830824B	08/23/2008	15:44:10	1P2235		
017	AR484AA	AR4840824B	08/23/2008	15:58:36	1P2235		
018	AR485AA	AR4850824B	08/23/2008	16:13:04	1P2235		
019	AR541AA	AR5410824B	08/23/2008	16:27:26	1P2235		
020	AR542AA	AR5420824B	08/23/2008	16:41:55	1P2235		
021	AR543AA	AR5430824B	08/23/2008	16:56:24	1P2235		
022	AR544AA	AR5440824B	08/23/2008	17:10:54	1P2235		
023	AR545AA	AR5450824B	08/23/2008	17:25:19	1P2235		
024	AR621AA	AR6210824A	08/23/2008	17:39:46	1P2235		
025	AR622AA	AR6220824A	08/23/2008	17:54:13	1P2235		
026	AR623AA	AR6230824A	08/23/2008	18:08:39	1P2235		
027	AR624AA	AR6240824A	08/23/2008	18:23:04	1P2235		
028	AR625AA	AR6250824A	08/23/2008	18:37:31	1P2235		
029	AR681AA	AR6810824A	08/23/2008	18:51:55	1P2235		
030	AR682AA	AR6820824A	08/23/2008	19:06:24	1P2235		
031	AR683AA	AR6830824A	08/23/2008	19:20:51	1P2235		
032	AR684AA	AR6840824A	08/23/2008	19:35:18	1P2235		
033	AR685AA	AR6850824A	08/23/2008	19:49:40	1P2235		

8D
ANALYTICAL SEQUENCE

Sequence: 1P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	AR213AA	AR2130824B	08/23/2008	20:04:04	1P2235		
035	AR32XAA	AR32X0824B	08/23/2008	20:18:28	1P2235		
036	AR423AA	AR4230824B	08/23/2008	20:32:58	1P2235		
037	AR16XAA	AR16X0824A	08/23/2008	20:47:21	1P2235		
038	MD16XAD	MD16X0824A	08/23/2008	21:01:46	1P2235		
039	MD62XAC	MD62X0824A	08/23/2008	21:16:09	1P2235		
040	MD68XAA	MD68X0824A	08/23/2008	21:30:36	1P2235		
041	IC16XAA	IC16X0824A	08/23/2008	21:45:03	1P2235		
042	IC48XAM	IC48X0824B	08/23/2008	21:59:28	1P2235		
043	IC54XAA	IC54X0824B	08/23/2008	22:13:53	1P2235		

aSX84 865B

8D
ANALYTICAL SEQUENCE

Sequence: 1P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	08/22/2008	20:53:42	1P2235B		
002		CONDITIONER	08/22/2008	21:08:00	1P2235B		
003		CONDITIONER	08/22/2008	21:22:20	1P2235B		
004		CONDITIONER	08/22/2008	21:36:43	1P2235B		
005		CONDITIONER	08/22/2008	21:51:04	1P2235B		
006	PIBLKAA	IBLKX0824A	08/23/2008	13:19:48	1P2235B		
007		CONDITIONER	08/23/2008	13:34:08	1P2235B		
008	IBLKXZI	IBLKX0824C	08/23/2008	13:48:32	1P2235B		
009	AR161AA	AR1610824A	08/23/2008	14:02:56	1P2235B		
010	AR162AA	AR1620824A	08/23/2008	14:17:25	1P2235B		
011	AR163AA	AR1630824A	08/23/2008	14:31:51	1P2235B		
012	AR164AA	AR1640824A	08/23/2008	14:46:20	1P2235B		
013	AR165AA	AR1650824A	08/23/2008	15:00:45	1P2235B		
014	AR481AA	AR4810824B	08/23/2008	15:15:12	1P2235B		
015	AR482AA	AR4820824B	08/23/2008	15:29:41	1P2235B		
016	AR483AA	AR4830824B	08/23/2008	15:44:10	1P2235B		
017	AR484AA	AR4840824B	08/23/2008	15:58:36	1P2235B		
018	AR485AA	AR4850824B	08/23/2008	16:13:04	1P2235B		
019	AR541AA	AR5410824B	08/23/2008	16:27:26	1P2235B		
020	AR542AA	AR5420824B	08/23/2008	16:41:55	1P2235B		
021	AR543AA	AR5430824B	08/23/2008	16:56:24	1P2235B		
022	AR544AA	AR5440824B	08/23/2008	17:10:54	1P2235B		
023	AR545AA	AR5450824B	08/23/2008	17:25:19	1P2235B		
024	AR621AA	AR6210824A	08/23/2008	17:39:46	1P2235B		
025	AR622AA	AR6220824A	08/23/2008	17:54:13	1P2235B		
026	AR623AA	AR6230824A	08/23/2008	18:08:39	1P2235B		
027	AR624AA	AR6240824A	08/23/2008	18:23:04	1P2235B		
028	AR625AA	AR6250824A	08/23/2008	18:37:31	1P2235B		
029	AR681AA	AR6810824A	08/23/2008	18:51:55	1P2235B		
030	AR682AA	AR6820824A	08/23/2008	19:06:24	1P2235B		
031	AR683AA	AR6830824A	08/23/2008	19:20:51	1P2235B		
032	AR684AA	AR6840824A	08/23/2008	19:35:18	1P2235B		
033	AR685AA	AR6850824A	08/23/2008	19:49:40	1P2235B		

8D
ANALYTICAL SEQUENCE

Sequence: 1P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	AR213AA	AR2130824B	08/23/2008	20:04:04	1P2235B		
035	AR32XAA	AR32X0824B	08/23/2008	20:18:28	1P2235B		
036	AR423AA	AR4230824B	08/23/2008	20:32:58	1P2235B		
037	AR16XAA	AR16X0824A	08/23/2008	20:47:21	1P2235B		
038	MD16XAD	MD16X0824A	08/23/2008	21:01:46	1P2235B		
039	MD62XAC	MD62X0824A	08/23/2008	21:16:09	1P2235B		
040	MD68XAA	MD68X0824A	08/23/2008	21:30:36	1P2235B		
041	IC16XAA	IC16X0824A	08/23/2008	21:45:03	1P2235B		
042	IC48XAM	IC48X0824B	08/23/2008	21:59:28	1P2235B		
043	IC54XAA	IC54X0824B	08/23/2008	22:13:53	1P2235B		

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	08/26/2008	09:40:39	1P2235	3.33	9.46
002		CONDITIONER	08/26/2008	09:55:00	1P2235	3.37	9.45
003		CONDITIONER	08/26/2008	10:09:30	1P2235	3.36	9.43
004		CONDITIONER	08/26/2008	10:23:57	1P2235	3.36	9.42
005		CONDITIONER	08/26/2008	10:38:28	1P2235	3.36	9.42
006	AR163DB	AR1630824A	08/26/2008	10:52:55	1P2235	3.35	9.42
007	PIBLKLN	IBLKX0824C	08/26/2008	11:07:23	1P2235	3.35	9.42
008	PBLKLP	BLANKA	08/26/2008	11:21:49	2P2235	3.35	9.42
009	LCSYK	LCSA	08/26/2008	11:36:18	2P2235	3.35	9.42
010	LCSD66	LCSDA	08/26/2008	11:50:42	2P2235	3.35	9.42
011	Y-C-T	5441786	08/26/2008	12:05:11	2P2235	3.36	9.42
012	PBLKJ4	BLANKA	08/26/2008	12:19:38	2P2235	3.35	9.42
013	LCSW2	LCSA	08/26/2008	12:34:04	2P2235	3.35	9.42
014	LCSD4Q	LCSDA	08/26/2008	12:48:29	2P2235	3.35	9.42
015	RDEB2	5441089	08/26/2008	13:02:58	2P2235	3.35	9.42
016	PBLKOS	BLANKA	08/26/2008	13:17:24	2P2235	3.35	9.43
017	LCS1O	LCSA	08/26/2008	13:31:53	2P2235	3.35	9.42
018	LCSD8U	LCSD	08/26/2008	13:46:17	2P2235	3.35	9.42
019	ADIAR	5441068	08/26/2008	14:00:44	2P2235	3.35	9.43
020	USAR-	5445435	08/26/2008	14:15:09	2P2235	3.35	
021	MJUWC	5446341	08/26/2008	14:29:40	2P2235	3.35	9.43
022	AR164CN	AR1640824A	08/26/2008	14:44:04	1P2235	3.35	9.43
023	PIBLKLM	IBLKX0824C	08/26/2008	14:58:32	1P2235	3.35	9.42
024	PBLKKE	BLANKA	08/26/2008	15:12:55	2P2235	3.35	9.42
025	LCSXB	LCSA	08/26/2008	15:27:22	2P2235	3.35	9.42
026	RDBS1	5441075	08/26/2008	15:41:48	2P2235	3.35	9.43
027	RDBS1MS	5441076	08/26/2008	15:56:14	2P2235	3.35	9.43
028	RDBS1MSD	5441077	08/26/2008	16:10:38	2P2235	3.35	9.42
029	RDBSD	5441079	08/26/2008	16:25:04	2P2235	3.35	9.43
030	RDS14	5441080	08/26/2008	16:39:28	2P2235	3.35	9.43
031	RDN51	5441081	08/26/2008	16:53:56	2P2235	3.36	9.43

	ICAL Dates		ICAL RT	QC Limits
1P2235	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	3.36	(3.33 - 3.39 Minutes)
		DCB = Decachlorobiphenyl	9.45	(9.42 - 9.48 Minutes)
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASX04 0861

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
032	RDN63	5441082	08/26/2008	17:08:20	2P2235	3.35	9.43
033	RDN72	5441083	08/26/2008	17:22:43	2P2235	3.36	9.43
034	RDN44	5441084	08/26/2008	17:37:08	2P2235	3.35	9.42
035	RDN55	5441085	08/26/2008	17:51:33	2P2235	3.35	9.43
036	RDS42	5441086	08/26/2008	18:05:59	2P2235	3.35	9.42
037	RDM32	5441087	08/26/2008	18:20:23	2P2235	3.36	9.43
038	RDS21	5441088	08/26/2008	18:34:48	2P2235	3.35	9.40
039	80667	5441829	08/26/2008	18:49:13	2P2235	3.35	9.43
040	AQMAX	5442866	08/26/2008	19:03:38	2P2235	3.36	9.44
041	2MW07	5443173	08/26/2008	19:18:07	2P2235	3.36	9.43
042	1MW04	5443174	08/26/2008	19:32:32	2P2235	3.35	9.43
043	2MW05	5443175	08/26/2008	19:46:58	2P2235	3.36	9.43
044	AR163DC	AR1630824A	08/26/2008	20:01:20	1P2235	3.35	9.43
045	PIBLKLO	IBLKX0824C	08/26/2008	20:15:43	1P2235	3.36	9.43
046	PBLKK1	BLANKA	08/26/2008	20:30:08	2P2235	3.35	9.43
047	LCSWY	LCSA	08/26/2008	20:44:34	2P2235	3.35	9.43
048	LCSD59	LCSDA	08/26/2008	20:58:56	2P2235	3.35	9.43
049	90-01	5442867	08/26/2008	21:13:21	2P2235	3.35	9.42
050	86-01	5442868	08/26/2008	21:27:43	2P2235	3.35	9.42
051	EB-25	5442876	08/26/2008	21:42:12	2P2235	3.35	9.43
052	PBLKM7	BLANKA	08/26/2008	21:56:36	2P2235	3.35	9.42
053	LCSZ7	LCSA	08/26/2008	22:11:02	2P2235	3.35	9.43
054	LCSD6J	LCSDA	08/26/2008	22:25:24	2P2235	3.35	9.42
055	RDPE3	5442191	08/26/2008	22:39:48	2P2235	3.35	9.42
056	EBK04	5443176	08/26/2008	22:54:17	2P2235	3.35	9.43
057	PBLKMQ	BLANKA	08/26/2008	23:08:47	2P2235	3.36	9.43
058	LCSZQ	LCSA	08/26/2008	23:23:09	2P2235	3.35	9.42
059	LCSD6R	LCSDA	08/26/2008	23:37:35	2P2235	3.35	9.43
060	DPSB1	5443404	08/26/2008	23:52:02	2P2235	3.35	9.43
061	DPSB2	5443406	08/27/2008	00:06:31	2P2235	3.35	9.42
062	AR164CO	AR1640824A	08/27/2008	00:20:56	1P2235	3.35	9.43

	ICAL Dates		ICAL RT	QC Limits
1P2235	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	3.36	(3.33 - 3.39 Minutes)
		DCB = Decachlorobiphenyl	9.45	(9.42 - 9.48 Minutes)
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASX04 0862

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
063	PIBLKLP	IBLKX0824C	08/27/2008	00:35:25	1P2235	3.35	9.42
064	PBLKN5	BLANKA	08/27/2008	00:49:51	2P2235	3.35	9.42
065	LCS02	LCSA	08/27/2008	01:04:15	2P2235	3.35	9.43
066	ROC21	5445583	08/27/2008	01:18:47	2P2235	3.36	9.43
067	ROC21MS	5445584	08/27/2008	01:33:15	2P2235	3.35	9.41
068	ROC21MSD	5445585	08/27/2008	01:47:40	2P2235	3.35	9.39
069	RDP51	5442177	08/27/2008	02:02:07	2P2235	3.35	9.40
070	RDP52	5442178	08/27/2008	02:16:31	2P2235	3.35	9.42
071	RDP61	5442179	08/27/2008	02:31:02	2P2235	3.36	9.43
072	RDP62	5442180	08/27/2008	02:45:31	2P2235	3.35	9.43
073	RDP31	5442187	08/27/2008	02:59:57	2P2235	3.35	9.39
074	RDP32	5442188	08/27/2008	03:14:25	2P2235	3.35	9.42
075	RDP91	5442189	08/27/2008	03:28:53	2P2235	3.35	9.43
076	RDP92	5442190	08/27/2008	03:43:24	2P2235	3.36	9.42
077	808--	5445433	08/27/2008	03:57:56	2P2235	3.36	9.43
078	ROC2D	5445587	08/27/2008	04:12:25	2P2235	3.36	9.40
079	ROC61	5445588	08/27/2008	04:26:58	2P2235	3.36	9.43
080	AR163DE	AR1630824A	08/27/2008	04:41:27	1P2235	3.36	9.43
081	PIBLKLQ	IBLKX0824C	08/27/2008	04:55:59	1P2235	3.36	9.43

	ICAL Dates		ICAL RT	QC Limits
1P2235	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	3.36	(3.33 - 3.39 Minutes)
		DCB = Decachlorobiphenyl	9.45	(9.42 - 9.48 Minutes)
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASX04 0863

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	08/26/2008	09:40:39	1P2235B	2.96	8.25
002		CONDITIONER	08/26/2008	09:55:00	1P2235B	2.93	8.23
003		CONDITIONER	08/26/2008	10:09:30	1P2235B	2.93	8.22
004		CONDITIONER	08/26/2008	10:23:57	1P2235B	2.93	
005		CONDITIONER	08/26/2008	10:38:28	1P2235B	2.93	
006	AR163DB	AR1630824A	08/26/2008	10:52:55	1P2235B	2.92	8.22
007	PIBLKLN	IBLKX0824C	08/26/2008	11:07:23	1P2235B	2.92	8.22
008	PBLKLP	BLANKA	08/26/2008	11:21:49	2P2235B	2.92	8.21
009	LCSYK	LCSA	08/26/2008	11:36:18	2P2235B	2.93	8.22
010	LCSD66	LCSDA	08/26/2008	11:50:42	2P2235B	2.92	8.21
011	Y-C-T	5441786	08/26/2008	12:05:11	2P2235B	2.93	8.22
012	PBLKJ4	BLANKA	08/26/2008	12:19:38	2P2235B	2.92	8.22
013	LCSW2	LCSA	08/26/2008	12:34:04	2P2235B	2.92	8.21
014	LCSD4Q	LCSDA	08/26/2008	12:48:29	2P2235B	2.92	8.21
015	RDEB2	5441089	08/26/2008	13:02:58	2P2235B	2.93	8.21
016	PBLKOS	BLANKA	08/26/2008	13:17:24	2P2235B	2.93	8.22
017	LCS1O	LCSA	08/26/2008	13:31:53	2P2235B	2.93	8.22
018	LCSD8U	LCSD	08/26/2008	13:46:17	2P2235B	2.92	8.22
019	ADIAR	5441068	08/26/2008	14:00:44	2P2235B	2.93	8.22
020	USAR-	5445435	08/26/2008	14:15:09	2P2235B	2.93	8.22
021	MJUWC	5446341	08/26/2008	14:29:40	2P2235B	2.93	8.22
022	AR164CN	AR1640824A	08/26/2008	14:44:04	1P2235B	2.93	8.22
023	PIBLKLM	IBLKX0824C	08/26/2008	14:58:32	1P2235B	2.92	8.22
024	PBLKKE	BLANKA	08/26/2008	15:12:55	2P2235B	2.93	8.22
025	LCSXB	LCSA	08/26/2008	15:27:22	2P2235B	2.93	8.22
026	RDBS1	5441075	08/26/2008	15:41:48	2P2235B	2.93	8.23
027	RDBS1MS	5441076	08/26/2008	15:56:14	2P2235B	2.93	8.23
028	RDBS1MSD	5441077	08/26/2008	16:10:38	2P2235B	2.93	8.22
029	RDBSD	5441079	08/26/2008	16:25:04	2P2235B	2.93	8.23
030	RDS14	5441080	08/26/2008	16:39:28	2P2235B	2.93	8.22
031	RDN51	5441081	08/26/2008	16:53:56	2P2235B	2.93	8.22

	ICAL Dates		ICAL RT	QC Limits
1P2235B	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	2.93	(2.90 - 2.96 Minutes)
		DCB = Decachlorobiphenyl	8.25	(8.22 - 8.28 Minutes)
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX84 0864

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
032	RDN63	5441082	08/26/2008	17:08:20	2P2235B	2.93	8.22
033	RDN72	5441083	08/26/2008	17:22:43	2P2235B	2.93	8.22
034	RDN44	5441084	08/26/2008	17:37:08	2P2235B	2.93	8.22
035	RDN55	5441085	08/26/2008	17:51:33	2P2235B	2.93	8.22
036	RDS42	5441086	08/26/2008	18:05:59	2P2235B	2.93	8.23
037	RDM32	5441087	08/26/2008	18:20:23	2P2235B	2.93	8.22
038	RDS21	5441088	08/26/2008	18:34:48	2P2235B	2.93	8.22
039	80667	5441829	08/26/2008	18:49:13	2P2235B	2.93	8.23
040	AQMAX	5442866	08/26/2008	19:03:38	2P2235B	2.93	8.23
041	2MW07	5443173	08/26/2008	19:18:07	2P2235B	2.93	8.22
042	1MW04	5443174	08/26/2008	19:32:32	2P2235B	2.93	8.22
043	2MW05	5443175	08/26/2008	19:46:58	2P2235B	2.93	8.23
044	AR163DC	AR1630824A	08/26/2008	20:01:20	1P2235B	2.93	8.23
045	PIBLKLO	IBLKX0824C	08/26/2008	20:15:43	1P2235B	2.93	8.22
046	PBLKK1	BLANKA	08/26/2008	20:30:08	2P2235B	2.93	8.23
047	LCSWY	LCSA	08/26/2008	20:44:34	2P2235B	2.93	8.22
048	LCSD59	LCSDA	08/26/2008	20:58:56	2P2235B	2.93	8.23
049	90-01	5442867	08/26/2008	21:13:21	2P2235B	2.93	8.22
050	86-01	5442868	08/26/2008	21:27:43	2P2235B	2.93	8.22
051	EB-25	5442876	08/26/2008	21:42:12	2P2235B	2.93	8.23
052	PBLKM7	BLANKA	08/26/2008	21:56:36	2P2235B	2.93	8.22
053	LCSZ7	LCSA	08/26/2008	22:11:02	2P2235B	2.93	8.22
054	LCSD6J	LCSDA	08/26/2008	22:25:24	2P2235B	2.92	8.22
055	RDPE3	5442191	08/26/2008	22:39:48	2P2235B	2.93	8.22
056	EBK04	5443176	08/26/2008	22:54:17	2P2235B	2.93	8.23
057	PBLKMQ	BLANKA	08/26/2008	23:08:47	2P2235B	2.93	8.23
058	LCSZQ	LCSA	08/26/2008	23:23:09	2P2235B	2.92	8.22
059	LCSD6R	LCSDA	08/26/2008	23:37:35	2P2235B	2.93	8.22
060	DPSB1	5443404	08/26/2008	23:52:02	2P2235B	2.93	8.23
061	DPSB2	5443406	08/27/2008	00:06:31	2P2235B	2.93	8.22
062	AR164CO	AR1640824A	08/27/2008	00:20:56	1P2235B	2.93	8.22

	ICAL Dates		ICAL RT	QC Limits
1P2235B	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	2.93	(2.90 - 2.96 Minutes)
		DCB = Decachlorobiphenyl	8.25	(8.22 - 8.28 Minutes)
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX84- 0865

8D
ANALYTICAL SEQUENCE

Sequence: 2P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
063	PIBLKLP	IBLKX0824C	08/27/2008	00:35:25	1P2235B	2.93	8.22
064	PBLKN5	BLANKA	08/27/2008	00:49:51	2P2235B	2.93	8.22
065	LCS02	LCSA	08/27/2008	01:04:15	2P2235B	2.92	8.23
066	ROC21	5445583	08/27/2008	01:18:47	2P2235B	2.93	8.22
067	ROC21MS	5445584	08/27/2008	01:33:15	2P2235B	2.93	8.22
068	ROC21MSD	5445585	08/27/2008	01:47:40	2P2235B	2.92	8.21
069	RDP51	5442177	08/27/2008	02:02:07	2P2235B	2.93	8.21
070	RDP52	5442178	08/27/2008	02:16:31	2P2235B	2.93	8.22
071	RDP61	5442179	08/27/2008	02:31:02	2P2235B	2.93	8.23
072	RDP62	5442180	08/27/2008	02:45:31	2P2235B	2.93	8.22
073	RDP31	5442187	08/27/2008	02:59:57	2P2235B	2.93	8.22
074	RDP32	5442188	08/27/2008	03:14:25	2P2235B	2.93	8.22
075	RDP91	5442189	08/27/2008	03:28:53	2P2235B	2.92	8.22
076	RDP92	5442190	08/27/2008	03:43:24	2P2235B	2.93	8.22
077	808--	5445433	08/27/2008	03:57:56	2P2235B	2.93	8.22
078	ROC2D	5445587	08/27/2008	04:12:25	2P2235B	2.93	8.23
079	ROC61	5445588	08/27/2008	04:26:58	2P2235B	2.93	8.22
080	AR163DE	AR1630824A	08/27/2008	04:41:27	1P2235B	2.93	8.22
081	PIBLKLQ	IBLKX0824C	08/27/2008	04:55:59	1P2235B	2.93	8.23

	ICAL Dates		ICAL RT	QC Limits
1P2235B	08/23/2008 - 08/23/2008	TCX = Tetrachloro-m-xylene	2.93	(2.90 - 2.96 Minutes)
		DCB = Decachlorobiphenyl	8.25	(8.22 - 8.28 Minutes)
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: 9P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	09/05/2008	14:06:09	2P2235	3.32	9.42
002		CONDITIONER	09/05/2008	14:20:16	2P2235	3.36	
003		CONDITIONER	09/05/2008	14:34:39	2P2235	3.36	9.45
004		CONDITIONER	09/05/2008	14:49:00	2P2235	3.35	9.43
005		CONDITIONER	09/05/2008	15:03:25	2P2235	3.35	9.43
006	AR163FO	AR1630824A	09/05/2008	15:17:48	2P2235	3.35	9.43
007	PIBLKMS	IBLKX0824C	09/05/2008	15:32:17	2P2235	3.36	9.44
008	PBLK40	BLANKA	09/05/2008	15:46:40	2P2235	3.35	9.43
009	LCSG0	LCSA	09/05/2008	16:01:07	2P2235	3.36	9.43
010	0671-	5457650	09/05/2008	16:15:32	2P2235	3.35	9.42
011	0671-MS	5457650	09/05/2008	16:30:02	2P2235	3.35	9.43
012	0671-MSD	5457650	09/05/2008	16:44:26	2P2235	3.35	9.43
013		5197376	09/05/2008	16:58:51	2P2235	3.35	9.43
014	AMS23	5454434	09/05/2008	17:13:13	2P2235	3.35	9.42
015	AMS30	5454441	09/05/2008	17:27:41	2P2235	3.36	9.42
016	AMS29	5454442	09/05/2008	17:42:07	2P2235	3.36	9.43
017	PBLK4Q	BLANKA	09/05/2008	17:56:34	2P2235	3.35	9.43
018	LCSGQ	LCSA	09/05/2008	18:10:58	2P2235	3.35	9.42
019	LCSDH7	LCSDA	09/05/2008	18:25:24	2P2235	3.35	9.42
020	M63--	5449242	09/05/2008	18:39:48	2P2235	3.35	9.43
021	PIBLKMT	IBLKX0824C	09/05/2008	18:54:16	2P2235	3.36	9.43
022	AR164DE	AR1640824A	09/05/2008	19:08:39	2P2235	3.35	9.42
023	PBLK25	BLANKA	09/05/2008	19:23:05	2P2235	3.35	9.43
024	LCSEC	LCSA	09/05/2008	19:37:28	2P2235	3.35	9.42
025	AMSS1	5454409	09/05/2008	19:51:52	2P2235	3.35	9.42
026	AMSS1MS	5454409	09/05/2008	20:06:18	2P2235	3.35	9.42
027	AMSS1MSD	5454409	09/05/2008	20:20:42	2P2235	3.35	9.43
028	AMSS2	5454410	09/05/2008	20:35:06	2P2235	3.35	9.42
029	AMSS3	5454411	09/05/2008	20:49:32	2P2235	3.35	9.42
030	AMSS4	5454412	09/05/2008	21:03:57	2P2235	3.35	9.43
031	AMSSX	5454414	09/05/2008	21:18:26	2P2235		9.43
032	AMSSX	5454414	09/05/2008	21:32:48	2P2235		9.42
033	AR163FP	AR1630824A	09/05/2008	21:47:13	2P2235	3.35	9.43

	ICAL Dates		ICAL RT	QC Limits
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASX84 0067

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 9P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	PIBLKMT	IBLKX0824C	09/05/2008	22:01:36	2P2235	3.35	9.42
035	AMSS6	5454415	09/05/2008	22:16:03	2P2235	3.35	9.42
036	AMSS7	5454416	09/05/2008	22:30:30	2P2235	3.35	9.43
037	AMSS8	5454417	09/05/2008	22:44:57	2P2235	3.35	9.43
038	AMSS9	5454418	09/05/2008	22:59:21	2P2235	3.35	9.43
039	AMSS9	5454418	09/05/2008	23:13:46	2P2235	3.35	9.42
040	AMS10	5454419	09/05/2008	23:28:11	2P2235	3.35	9.42
041	AMS11	5454420	09/05/2008	23:42:37	2P2235	3.35	9.43
042	AMS12	5454421	09/05/2008	23:57:02	2P2235	3.35	9.43
043	AMS13	5454422	09/06/2008	00:11:27	2P2235	3.35	9.43
044	AMS14	5454423	09/06/2008	00:25:50	2P2235	3.35	9.43
045	AR162EZ	AR1620824A	09/06/2008	00:40:17	2P2235	3.35	9.43
046	PIBLKMT	IBLKX0824C	09/06/2008	00:54:43	2P2235	3.35	9.43
047	AMS16	5454426	09/06/2008	01:09:08	2P2235	3.35	9.43
048	AMS17	5454427	09/06/2008	01:23:30	2P2235	3.35	9.42
049	AMS18	5454428	09/06/2008	01:37:55	2P2235	3.35	9.43
050	CLAS1	5457156	09/06/2008	01:52:18	2P2235	3.35	9.43
051	CLAS2	5457159	09/06/2008	02:06:43	2P2235	3.35	9.43
052	AR163FP	AR1630824A	09/06/2008	02:21:09	2P2235	3.35	9.44
053	PIBLKMT	IBLKX0824C	09/06/2008	02:35:34	2P2235	3.35	9.44

	ICAL Dates		ICAL RT	QC Limits
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASX04 0068

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 9P2235B
Lab Name: Lancaster laboratories
Contract:
Lab Code:
Case No.:
SAS No:
SDG No.:
GC Column: RTXCLPII
ID: 0.32
Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	09/05/2008	14:06:09	2P2235B		
002		CONDITIONER	09/05/2008	14:20:16	2P2235B	2.93	8.24
003		CONDITIONER	09/05/2008	14:34:39	2P2235B	2.93	8.23
004		CONDITIONER	09/05/2008	14:49:00	2P2235B	2.92	8.23
005		CONDITIONER	09/05/2008	15:03:25	2P2235B	2.92	8.22
006	AR163FO	AR1630824A	09/05/2008	15:17:48	2P2235B	2.93	8.22
007	PIBLKMS	IBLKX0824C	09/05/2008	15:32:17	2P2235B	2.93	8.23
008	PBLK40	BLANKA	09/05/2008	15:46:40	2P2235B	2.92	8.22
009	LCSG0	LCSA	09/05/2008	16:01:07	2P2235B	2.93	8.22
010	0671-	5457650	09/05/2008	16:15:32	2P2235B	2.93	8.22
011	0671-MS	5457650	09/05/2008	16:30:02	2P2235B	2.93	8.22
012	0671-MSD	5457650	09/05/2008	16:44:26	2P2235B	2.93	8.23
013		5197376	09/05/2008	16:58:51	2P2235B	2.92	8.22
014	AMS23	5454434	09/05/2008	17:13:13	2P2235B	2.92	8.22
015	AMS30	5454441	09/05/2008	17:27:41	2P2235B	2.93	8.22
016	AMS29	5454442	09/05/2008	17:42:07	2P2235B	2.93	8.22
017	PBLK4Q	BLANKA	09/05/2008	17:56:34	2P2235B	2.93	8.22
018	LCSGQ	LCSA	09/05/2008	18:10:58	2P2235B	2.93	8.22
019	LCSDH7	LCSDA	09/05/2008	18:25:24	2P2235B	2.93	8.22
020	M63--	5449242	09/05/2008	18:39:48	2P2235B	2.92	8.22
021	PIBLKMT	IBLKX0824C	09/05/2008	18:54:16	2P2235B	2.93	8.22
022	AR164DE	AR1640824A	09/05/2008	19:08:39	2P2235B	2.92	8.22
023	PBLK25	BLANKA	09/05/2008	19:23:05	2P2235B	2.93	8.22
024	LCSEC	LCSA	09/05/2008	19:37:28	2P2235B	2.92	8.22
025	AMSS1	5454409	09/05/2008	19:51:52	2P2235B	2.92	8.22
026	AMSS1MS	5454409	09/05/2008	20:06:18	2P2235B	2.92	8.22
027	AMSS1MSD	5454409	09/05/2008	20:20:42	2P2235B	2.92	8.22
028	AMSS2	5454410	09/05/2008	20:35:06	2P2235B	2.92	8.22
029	AMSS3	5454411	09/05/2008	20:49:32	2P2235B	2.92	8.22
030	AMSS4	5454412	09/05/2008	21:03:57	2P2235B	2.93	8.22
031	AMSSX	5454414	09/05/2008	21:18:26	2P2235B	2.92	8.22
032	AMSSX	5454414	09/05/2008	21:32:48	2P2235B	2.92	8.22
033	AR163FP	AR1630824A	09/05/2008	21:47:13	2P2235B	2.92	8.22

	ICAL Dates		ICAL RT	QC Limits
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: 9P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	PIBLKMT	IBLKX0824C	09/05/2008	22:01:36	2P2235B	2.92	8.22
035	AMSS6	5454415	09/05/2008	22:16:03	2P2235B	2.93	8.22
036	AMSS7	5454416	09/05/2008	22:30:30	2P2235B	2.93	8.22
037	AMSS8	5454417	09/05/2008	22:44:57	2P2235B	2.93	8.22
038	AMSS9	5454418	09/05/2008	22:59:21	2P2235B	2.93	8.22
039	AMSS9	5454418	09/05/2008	23:13:46	2P2235B	2.93	8.22
040	AMS10	5454419	09/05/2008	23:28:11	2P2235B	2.92	8.22
041	AMS11	5454420	09/05/2008	23:42:37	2P2235B	2.92	8.22
042	AMS12	5454421	09/05/2008	23:57:02	2P2235B	2.92	8.22
043	AMS13	5454422	09/06/2008	00:11:27	2P2235B	2.92	8.22
044	AMS14	5454423	09/06/2008	00:25:50	2P2235B	2.92	8.22
045	AR162EZ	AR1620824A	09/06/2008	00:40:17	2P2235B	2.93	8.22
046	PIBLKMT	IBLKX0824C	09/06/2008	00:54:43	2P2235B	2.92	8.22
047	AMS16	5454426	09/06/2008	01:09:08	2P2235B	2.93	8.22
048	AMS17	5454427	09/06/2008	01:23:30	2P2235B	2.92	8.22
049	AMS18	5454428	09/06/2008	01:37:55	2P2235B	2.92	8.22
050	CLAS1	5457156	09/06/2008	01:52:18	2P2235B	2.92	8.22
051	CLAS2	5457159	09/06/2008	02:06:43	2P2235B	2.92	8.23
052	AR163FP	AR1630824A	09/06/2008	02:21:09	2P2235B	2.93	8.22
053	PIBLKMT	IBLKX0824C	09/06/2008	02:35:34	2P2235B	2.93	8.23

	ICAL Dates		ICAL RT	QC Limits
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX84 0870

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	09/08/2008	14:51:59	2P2235	3.33	9.41
002		CONDITIONER	09/08/2008	15:06:20	2P2235	3.37	
003		CONDITIONER	09/08/2008	15:20:45	2P2235	3.36	9.44
004		CONDITIONER	09/08/2008	15:35:13	2P2235	3.35	9.43
005		CONDITIONER	09/08/2008	15:49:39	2P2235	3.35	9.43
006	AR163FX	AR1630824A	09/08/2008	16:04:10	2P2235	3.35	9.43
007	PIBLKMX	IBLKX0824C	09/08/2008	16:18:38	2P2235	3.35	9.43
008	PBLK59	BLANKA	09/08/2008	16:33:04	2P2235	3.35	9.43
009	LCSH3	LCSA	09/08/2008	16:47:32	2P2235	3.36	9.42
010	X0671	5458818	09/08/2008	17:01:59	2P2235	3.35	9.43
011	X0671MS	5458818	09/08/2008	17:16:28	2P2235	3.35	9.43
012	X0671MSD	5458818	09/08/2008	17:30:56	2P2235	3.36	9.43
013	AR164DI	AR1640824A	09/08/2008	17:45:19	2P2235	3.35	9.43
014	PIBLKMX	IBLKX0824C	09/08/2008	17:59:45	2P2235	3.35	9.43
015	AMSS1	5454409	09/08/2008	18:14:12	2P2235		9.43
016	AMSS1MS	5454409	09/08/2008	18:28:40	2P2235		9.43
017	AMSS1MSD	5454409	09/08/2008	18:43:06	2P2235		9.42
018	AMSS2	5454410	09/08/2008	18:57:31	2P2235		
019	AMSSX	5454414	09/08/2008	19:11:54	2P2235		
020	AMSSX	5454414	09/08/2008	19:26:22	2P2235		
021	AMSS6	5454415	09/08/2008	19:40:47	2P2235		9.42
022	AMSS7	5454416	09/08/2008	19:55:14	2P2235	3.35	
023	AMSS7	5454416	09/08/2008	20:09:36	2P2235		
024	AMSS8	5454417	09/08/2008	20:24:02	2P2235		9.43
025	AMSS8	5454417	09/08/2008	20:38:25	2P2235		
026	AMS10	5454419	09/08/2008	20:52:52	2P2235	3.35	9.42
027	AMS10	5454419	09/08/2008	21:07:13	2P2235	3.35	
028	AMS13	5454422	09/08/2008	21:21:39	2P2235	3.35	9.42
029	AMS14	5454423	09/08/2008	21:35:59	2P2235		
030	AMS16	5454426	09/08/2008	21:50:22	2P2235		
031	AMS16	5454426	09/08/2008	22:04:45	2P2235		
032	AMS17	5454427	09/08/2008	22:19:09	2P2235	3.35	
033	AR163FX	AR1630824A	09/08/2008	22:33:30	2P2235	3.35	9.42

	ICAL Dates		ICAL RT	QC Limits
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

ASXR4 8871

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	PIBLKMX	IBLKX0824C	09/08/2008	22:47:56	2P2235	3.35	9.44
035	PBLK55	BLANKA	09/08/2008	23:02:18	2P2235	3.35	9.42
036	LCSGY	LCSA	09/08/2008	23:16:44	2P2235	3.36	9.43
037	LCSDHJ	LCSDA	09/08/2008	23:31:07	2P2235	3.35	9.44
038	2853K	5456511	09/08/2008	23:45:29	2P2235	3.35	9.43
039	2853K	5456511	09/08/2008	23:59:49	2P2235	3.35	9.43
040	AR162FC	AR1620824A	09/09/2008	00:14:15	2P2235	3.36	9.44
041	PIBLKMX	IBLKX0824C	09/09/2008	00:28:40	2P2235	3.35	9.43
042	PBLK3X	BLANKA	09/09/2008	00:43:06	2P2235	3.35	9.44
043	LCSFW	LCSA	09/09/2008	00:57:31	2P2235	3.35	9.43
044	HA1-0	5457803	09/09/2008	01:11:53	2P2235	3.35	9.43
045	HA1-0MS	5457803	09/09/2008	01:26:18	2P2235	3.35	9.43
046	HA1-0MSD	5457803	09/09/2008	01:40:46	2P2235	3.36	9.44
047	HA105	5457804	09/09/2008	01:55:07	2P2235	3.35	9.42
048	HA1-1	5457805	09/09/2008	02:09:33	2P2235	3.35	9.43
049	HA2-0	5457806	09/09/2008	02:23:56	2P2235	3.35	9.42
050	HA205	5457807	09/09/2008	02:38:20	2P2235	3.35	9.42
051	HA2-1	5457808	09/09/2008	02:52:45	2P2235	3.36	9.43
052	HA3-0	5457809	09/09/2008	03:07:13	2P2235	3.35	9.43
053	HA305	5457810	09/09/2008	03:21:36	2P2235	3.35	9.43
054	HA3-1	5457811	09/09/2008	03:36:01	2P2235	3.36	9.43
055	HA4-0	5457812	09/09/2008	03:50:27	2P2235	3.35	9.43
056	HA405	5457813	09/09/2008	04:04:53	2P2235	3.36	9.41
057	HA4-1	5457814	09/09/2008	04:19:22	2P2235	3.36	9.42
058	HA5-0	5457815	09/09/2008	04:33:50	2P2235	3.35	
059	HA505	5457816	09/09/2008	04:48:13	2P2235	3.35	9.41
060	HA5-1	5457817	09/09/2008	05:02:37	2P2235	3.35	9.43
061	HA6-0	5457818	09/09/2008	05:17:05	2P2235	3.35	9.44
062	AR163FX	AR1630824A	09/09/2008	05:31:33	2P2235	3.35	9.43
063	PIBLKMX	IBLKX0824C	09/09/2008	05:46:02	2P2235	3.35	9.44
064	HA605	5457819	09/09/2008	06:00:27	2P2235	3.35	9.43
065	HA6-1	5457820	09/09/2008	06:14:53	2P2235	3.35	9.43
066	HA9-0	5457821	09/09/2008	06:29:23	2P2235	3.36	9.43

	ICAL Dates		ICAL RT	QC Limits
P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235 Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLP ID: 0.32

Instrument: H2601A

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
067	HA905	5457822	09/09/2008	06:43:52	2P2235	3.36	9.43
068	AR164DJ	AR1640824A	09/09/2008	06:58:19	2P2235	3.35	9.43
069	PIBLKMX	IBLKX0824C	09/09/2008	07:12:46	2P2235	3.35	9.43

	ICAL Dates		ICAL RT	QC Limits
2P2235	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	3.35	(3.32 - 3.38 Minutes)
		DCB = Decachlorobiphenyl	9.42	(9.39 - 9.45 Minutes)

6SX84 6873

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235B | Lab Name: Lancaster laboratories | Contract:

Lab Code: | Case No.: | SAS No: | SDG No.:

GC Column: RTXCLPII | ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
001		CONDITIONER	09/08/2008	14:51:59	2P2235B		8.21
002		CONDITIONER	09/08/2008	15:06:20	2P2235B	2.93	8.23
003		CONDITIONER	09/08/2008	15:20:45	2P2235B	2.93	8.23
004		CONDITIONER	09/08/2008	15:35:13	2P2235B	2.93	8.22
005		CONDITIONER	09/08/2008	15:49:39	2P2235B	2.93	8.22
006	AR163FX	AR1630824A	09/08/2008	16:04:10	2P2235B	2.93	8.22
007	PIBLKMX	IBLKX0824C	09/08/2008	16:18:38	2P2235B	2.93	8.22
008	PBLK59	BLANKA	09/08/2008	16:33:04	2P2235B	2.92	8.22
009	LCSH3	LCSA	09/08/2008	16:47:32	2P2235B	2.93	8.22
010	X0671	5458818	09/08/2008	17:01:59	2P2235B	2.92	8.22
011	X0671MS	5458818	09/08/2008	17:16:28	2P2235B	2.93	8.22
012	X0671MSD	5458818	09/08/2008	17:30:56	2P2235B	2.93	8.23
013	AR164DI	AR1640824A	09/08/2008	17:45:19	2P2235B	2.93	8.22
014	PIBLKMX	IBLKX0824C	09/08/2008	17:59:45	2P2235B	2.93	8.22
015	AMSS1	5454409	09/08/2008	18:14:12	2P2235B	2.93	8.22
016	AMSS1MS	5454409	09/08/2008	18:28:40	2P2235B	2.92	8.22
017	AMSS1MSD	5454409	09/08/2008	18:43:06	2P2235B	2.92	8.21
018	AMSS2	5454410	09/08/2008	18:57:31	2P2235B	2.93	8.21
019	AMSSX	5454414	09/08/2008	19:11:54	2P2235B	2.94	8.20
020	AMSSX	5454414	09/08/2008	19:26:22	2P2235B	2.93	
021	AMSS6	5454415	09/08/2008	19:40:47	2P2235B		8.21
022	AMSS7	5454416	09/08/2008	19:55:14	2P2235B		8.22
023	AMSS7	5454416	09/08/2008	20:09:36	2P2235B		
024	AMSS8	5454417	09/08/2008	20:24:02	2P2235B	2.93	8.22
025	AMSS8	5454417	09/08/2008	20:38:25	2P2235B	2.92	
026	AMS10	5454419	09/08/2008	20:52:52	2P2235B	2.93	8.22
027	AMS10	5454419	09/08/2008	21:07:13	2P2235B	2.93	
028	AMS13	5454422	09/08/2008	21:21:39	2P2235B	2.92	8.22
029	AMS14	5454423	09/08/2008	21:35:59	2P2235B	2.93	
030	AMS16	5454426	09/08/2008	21:50:22	2P2235B	2.92	8.21
031	AMS16	5454426	09/08/2008	22:04:45	2P2235B		
032	AMS17	5454427	09/08/2008	22:19:09	2P2235B	2.93	8.22
033	AR163FX	AR1630824A	09/08/2008	22:33:30	2P2235B	2.93	8.22

	ICAL Dates		ICAL RT	QC Limits
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX84 8874

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
034	PIBLKMX	IBLKX0824C	09/08/2008	22:47:56	2P2235B	2.92	8.22
035	PBLK55	BLANKA	09/08/2008	23:02:18	2P2235B	2.92	8.22
036	LCSGY	LCSA	09/08/2008	23:16:44	2P2235B	2.93	8.23
037	LCSDHJ	LCSDA	09/08/2008	23:31:07	2P2235B	2.93	8.23
038	2853K	5456511	09/08/2008	23:45:29	2P2235B	2.93	8.23
039	2853K	5456511	09/08/2008	23:59:49	2P2235B	2.93	8.22
040	AR162FC	AR1620824A	09/09/2008	00:14:15	2P2235B	2.93	8.23
041	PIBLKMX	IBLKX0824C	09/09/2008	00:28:40	2P2235B	2.93	8.22
042	PBLK3X	BLANKA	09/09/2008	00:43:06	2P2235B	2.93	8.23
043	LCSFW	LCSA	09/09/2008	00:57:31	2P2235B	2.93	8.22
044	HA1-0	5457803	09/09/2008	01:11:53	2P2235B	2.92	8.22
045	HA1-0MS	5457803	09/09/2008	01:26:18	2P2235B	2.92	8.22
046	HA1-0MSD	5457803	09/09/2008	01:40:46	2P2235B	2.93	8.23
047	HA105	5457804	09/09/2008	01:55:07	2P2235B	2.92	8.21
048	HA1-1	5457805	09/09/2008	02:09:33	2P2235B	2.93	8.22
049	HA2-0	5457806	09/09/2008	02:23:56	2P2235B	2.93	8.22
050	HA205	5457807	09/09/2008	02:38:20	2P2235B	2.92	8.22
051	HA2-1	5457808	09/09/2008	02:52:45	2P2235B	2.93	8.22
052	HA3-0	5457809	09/09/2008	03:07:13	2P2235B	2.92	8.23
053	HA305	5457810	09/09/2008	03:21:36	2P2235B	2.93	8.22
054	HA3-1	5457811	09/09/2008	03:36:01	2P2235B	2.93	8.22
055	HA4-0	5457812	09/09/2008	03:50:27	2P2235B	2.92	8.22
056	HA405	5457813	09/09/2008	04:04:53	2P2235B	2.93	8.22
057	HA4-1	5457814	09/09/2008	04:19:22	2P2235B	2.93	8.22
058	HA5-0	5457815	09/09/2008	04:33:50	2P2235B	2.93	8.22
059	HA505	5457816	09/09/2008	04:48:13	2P2235B	2.92	8.22
060	HA5-1	5457817	09/09/2008	05:02:37	2P2235B	2.92	8.22
061	HA6-0	5457818	09/09/2008	05:17:05	2P2235B	2.93	8.23
062	AR163FX	AR1630824A	09/09/2008	05:31:33	2P2235B	2.93	8.22
063	PIBLKMX	IBLKX0824C	09/09/2008	05:46:02	2P2235B	2.92	8.23
064	HA605	5457819	09/09/2008	06:00:27	2P2235B	2.92	8.22
065	HA6-1	5457820	09/09/2008	06:14:53	2P2235B	2.93	8.22
066	HA9-0	5457821	09/09/2008	06:29:23	2P2235B	2.93	8.23

	ICAL Dates		ICAL RT	QC Limits
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX04 0875

8D
ANALYTICAL SEQUENCE

Sequence: 10P2235B Lab Name: Lancaster laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.:

GC Column: RTXCLPII ID: 0.32

Instrument: H2601B

THIS ANALYTICAL SEQUENCE OF BLANKS, SAMPLES AND STANDARDS IS GIVEN BELOW:

	Sample Code No.	Lab Sample ID	Date Analyzed	Time Analyzed	Calibration File	TCX	DCB
067	HA905	5457822	09/09/2008	06:43:52	2P2235B	2.93	8.22
068	AR164DJ	AR1640824A	09/09/2008	06:58:19	2P2235B	2.93	8.22
069	PIBLKMX	IBLKX0824C	09/09/2008	07:12:46	2P2235B	2.92	8.22

	ICAL Dates		ICAL RT	QC Limits
2P2235B	08/26/2008 - 08/26/2008	TCX = Tetrachloro-m-xylene	2.92	(2.89 - 2.95 Minutes)
		DCB = Decachlorobiphenyl	8.22	(8.19 - 8.25 Minutes)

ASX84 8876

FORM VIII PEST

Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Cp2\c-drive\CPWIN\DATA1\1p2235.seq
Chromatography Directory: \\Cp2\c-drive\CPWIN\DATA1
Method Directory: \\Cp2\c-drive\CPWIN\DATA1
Number of Entries: 43

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1 CONDITIONER	MISC	AA	1p2235.01R	PESTD.MET	1	1	1	0823499999	
2 CONDITIONER	MISC	AA	1p2235.02R	PESTD.MET	1	1	1	0823499999	
3 CONDITIONER	MISC	AA	1p2235.03R	PESTD.MET	1	1	1	0823499999	
4 CONDITIONER	MISC	AA	1p2235.04R	PESTD.MET	1	1	1	0823499999	
5 CONDITIONER	MISC	AA	1p2235.05R	PESTD.MET	1	1	1	0823499999	
6 CONDITIONER	MISC	AA	1p2235.06R	PESTD.MET	1	1	1	0823499999	
7 CONDITIONER	MISC	AA	1p2235.07R	PESTD.MET	1	1	1	0823499999	
8 IBLKX0824C	ICAL	ZI	1p2235.08R	PESTD.MET	1	1	1	0823599999	
9 AR1610824A	ICAL	AA	1p2235.09R	PESTD.MET	1	1	1	0823499999	
10 AR1620824A	ICAL	AA	1p2235.10R	PESTD.MET	1	1	1	0823499999	
11 AR1630824A	ICAL	AA	1p2235.11R	PESTD.MET	1	1	1	0823499999	
12 AR1640824A	ICAL	AA	1p2235.12R	PESTD.MET	1	1	1	0823499999	
13 AR1650824A	ICAL	AA	1p2235.13R	PESTD.MET	1	1	1	0823499999	
14 AR4810824B	ICAL	AA	1p2235.14R	PESTD.MET	1	1	1	0823499999	
15 AR4820824B	ICAL	AA	1p2235.15R	PESTD.MET	1	1	1	0823499999	
16 AR4830824B	ICAL	AA	1p2235.16R	PESTD.MET	1	1	1	0823499999	
17 AR4840824B	ICAL	AA	1p2235.17R	PESTD.MET	1	1	1	0823499999	
18 AR4850824B	ICAL	AA	1p2235.18R	PESTD.MET	1	1	1	0823499999	
19 AR5410824B	ICAL	AA	1p2235.19R	PESTD.MET	1	1	1	0823499999	
20 AR5420824B	ICAL	AA	1p2235.20R	PESTD.MET	1	1	1	0823499999	
21 AR5430824B	ICAL	AA	1p2235.21R	PESTD.MET	1	1	1	0823499999	
22 AR5440824B	ICAL	AA	1p2235.22R	PESTD.MET	1	1	1	0823499999	
23 AR5450824B	ICAL	AA	1p2235.23R	PESTD.MET	1	1	1	0823499999	
24 AR6210824A	ICAL	AA	1p2235.24R	PESTD.MET	1	1	1	0823499999	
25 AR6220824A	ICAL	AA	1p2235.25R	PESTD.MET	1	1	1	0823499999	
26 AR6230824A	ICAL	AA	1p2235.26R	PESTD.MET	1	1	1	0823499999	
27 AR6240824A	ICAL	AA	1p2235.27R	PESTD.MET	1	1	1	0823499999	
28 AR6250824A	ICAL	AA	1p2235.28R	PESTD.MET	1	1	1	0823499999	
29 AR6810824A	ICAL	AA	1p2235.29R	PESTD.MET	1	1	1	0823499999	
30 AR6820824A	ICAL	AA	1p2235.30R	PESTD.MET	1	1	1	0823499999	
31 AR6830824A	ICAL	AA	1p2235.31R	PESTD.MET	1	1	1	0823499999	
32 AR6840824A	ICAL	AA	1p2235.32R	PESTD.MET	1	1	1	0823499999	
33 AR6850824A	ICAL	AA	1p2235.33R	PESTD.MET	1	1	1	0823499999	
34 AR2130824B	ICAL	AA	1p2235.34R	PESTD.MET	1	1	1	0823499999	
35 AR32X0824B	ICAL	AA	1p2235.35R	PESTD.MET	1	1	1	0823499999	
36 AR4230824B	ICAL	AA	1p2235.36R	PESTD.MET	1	1	1	0823499999	
37 AR16X0824A	ICAL	AA	1p2235.37R	PESTD.MET	1	1	1	0823499999	
38 MD16X0824A	ICAL	AD	1p2235.38R	PESTD.MET	1	1	1	0823499999	
39 MD62X0824A	ICAL	AC	1p2235.39R	PESTD.MET	1	1	1	0823499999	
40 MD68X0824A	ICAL	AA	1p2235.40R	PESTD.MET	1	1	1	0823499999	
41 IC16X0824A	CCAL	AA	1p2235.41R	PESTD.MET	1	1	1	0823499999	
42 IC48X0824B	CCAL	AM	1p2235.42R	PESTD.MET	1	1	1	0823499999	
43 IC54X0824B	CCAL	AA	1p2235.43R	PESTD.MET	1	1	1	0823499999	

ASX84 8827

Set-up by: T. Dust Date: 8-26-08

8/23/08

Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\CPWIN\DATA1\2p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 81

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1	CONDITIONER	MISC	AA	2p2235.01R	PESTD.MET	1	1	1	0823899999	
2	CONDITIONER	MISC	AA	2p2235.02R	PESTD.MET	1	1	1	0823899999	
3	CONDITIONER	MISC	AA	2p2235.03R	PESTD.MET	1	1	1	0823899999	
4	CONDITIONER	MISC	AA	2p2235.04R	PESTD.MET	1	1	1	0823899999	
5	CONDITIONER	MISC	AA	2p2235.05R	PESTD.MET	1	1	1	0823899999	
6	AR1630824A update	CCAL	DB	2p2235.06R	PESTD.MET	1	1	1	0823899999	
7	IBLKX0824C WEH 51	PIBLK	LN	2p2235.07R	PESTD.MET	1000	10	1	0823899999	
8	BLANKA 8/19/08AF	BLK	AB	2p2235.08R	PESTD.MET	1000	10	1	082310026B	02034
9	LCSA 8/19/08AF 9/24/08	LCS	AB	2p2235.09R	PESTD.MET	1000	10	1	082310026B	02034
10	LCSDA 8/19/08AF	LCSD	AB	2p2235.10R	PESTD.MET	1000	10	1	082310026B	02034
11	5441786AF	T	AB	2p2235.11R	PESTD.MET	819	10	1	082310026B	02034
12	BLANKA 8/15/08AF	BLK	AB	2p2235.12R	PESTD.MET	1000	10	1	082280010B	02034
13	LCSA 8/15/08AF	LCS	AB	2p2235.13R	PESTD.MET	1000	10	1	082280010B	02034
14	LCSDA 8/15/08AF	LCSD	AB	2p2235.14R	PESTD.MET	1000	10	1	082280010B	02034
15	5441089AF	T	AB	2p2235.15R	PESTD.MET	884	10	1	082280010B	02034
16	BLANKA 8/21/08ACF	BLK	AB	2p2235.16R	PESTD.MET	30	10	1	082340008A	00042
17	LCSA 8/21/08ACF	LCS	AB	2p2235.17R	PESTD.MET	30	10	1	082340008A	00042
18	LCSD 8/21/08ACF	LCSD	AB	2p2235.18R	PESTD.MET	30	10	1	082340008A	00042
19	5441068RACF	T	AB	2p2235.19R	PESTD.MET	30	10	1	082340008A	01216
20	5445435ACF DF100	T	AD	2p2235.20R	PESTD.MET	5	2500	1	082340008A	01216
21	5446341ACF	T	AB	2p2235.21R	PESTD.MET	30	10	1	082340008A	08899
22	AR1640824A	CCAL	CN	2p2235.22R	PESTD.MET	1	1	1	0823899999	
23	IBLKX0824C	PIBLK	LM	2p2235.23R	PESTD.MET	1000	10	1	0823899999	
24	BLANKA 8/17/08ACF	BLK	AB	2p2235.24R	PESTD.MET	30	10	1	082290020A	02033
25	LCSA 8/17/08ACF	LCS	AB	2p2235.25R	PESTD.MET	30	10	1	082290020A	02033
26	5441075ACF	T	AB	2p2235.26R	PESTD.MET	30	10	1	082290020A	02033
27	5441076MSACF	MS	AB	2p2235.27R	PESTD.MET	30	10	1	082290020A	02033
28	5441077MSDACF	MSD	AB	2p2235.28R	PESTD.MET	30	10	1	082290020A	02033
29	5441079ACF	T	AB	2p2235.29R	PESTD.MET	30	10	1	082290020A	02033
30	5441080ACF	T	AB	2p2235.30R	PESTD.MET	30	10	1	082290020A	02033
31	5441081ACF DF5	T	AC	2p2235.31R	PESTD.MET	30	50	1	082290020A	02033
32	5441082ACF	T	AB	2p2235.32R	PESTD.MET	30	10	1	082290020A	02033
33	5441083ACF	T	AB	2p2235.33R	PESTD.MET	30	10	1	082290020A	02033
34	5441084ACF	T	AB	2p2235.34R	PESTD.MET	30	10	1	082290020A	02033
35	5441085ACF	T	AB	2p2235.35R	PESTD.MET	30	10	1	082290020A	02033
36	5441086ACF	T	AB	2p2235.36R	PESTD.MET	30	10	1	082290020A	02033
37	5441087ACF DF10	T	AC	2p2235.37R	PESTD.MET	30	100	1	082290020A	02033
38	5441088ACF	T	AB	2p2235.38R	PESTD.MET	30	10	1	082290020A	02033
39	5441829ACF	T	AB	2p2235.39R	PESTD.MET	30	10	1	082290020A	02033
40	5442866ACF DF5	T	AC	2p2235.40R	PESTD.MET	30	50	1	082290020A	02033
41	5443173ACF	T	AB	2p2235.41R	PESTD.MET	30	10	1	082290020A	02033
42	5443174ACF	T	AB	2p2235.42R	PESTD.MET	30	10	1	082290020A	02033
43	5443175ACF	T	AB	2p2235.43R	PESTD.MET	30	10	1	082290020A	02033
44	AR1630824A	CCAL	DC	2p2235.44R	PESTD.MET	1	1	1	0823899999	
45	IBLKX0824C	PIBLK	LO	2p2235.45R	PESTD.MET	1000	10	1	0823899999	
46	BLANKA 8/18/08AF	BLK	AB	2p2235.46R	PESTD.MET	1000	10	1	082290011A	00173
47	LCSA 8/18/08AF	LCS	AB	2p2235.47R	PESTD.MET	1000	10	1	082290011A	00173
48	LCSDA 8/18/08AF	LCSD	AB	2p2235.48R	PESTD.MET	1000	10	1	082290011A	00173
49	5442867AF	T	AB	2p2235.49R	PESTD.MET	912	10	1	082290011A	00173
50	5442868AF	T	AB	2p2235.50R	PESTD.MET	956	10	1	082290011A	00173

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\CPWIN\DATA1\2p2235.seq
Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1
Method Directory: \\cp2\C-Drive\cpwin\DATA1
Number of Entries: 81

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
51 5442876AF	T	AB	2p2235.51R	PESTD.MET	931	10	1	082290011A	00173
52 BLANKA 8/20/08AF	BLK	AB	2p2235.52R	PESTD.MET	1000	10	1	082320007B	02034
53 LCSA 8/20/08AF	LCS	AB	2p2235.53R	PESTD.MET	1000	10	1	082320007B	02034
54 LCSDA 8/20/08AF	LCSD	AB	2p2235.54R	PESTD.MET	1000	10	1	082320007B	02034
55 5442191AF	T	AB	2p2235.55R	PESTD.MET	1048	10	1	082320007B	02034
56 5443176AF	T	AB	2p2235.56R	PESTD.MET	1039	10	1	082320007B	02034
57 BLANKA 8/20/08AF	BLK	AB	2p2235.57R	PESTD.MET	1000	2	1	082320020A	00173
58 LCSA 8/20/08AF	LCS	AB	2p2235.58R	PESTD.MET	1000	2	1	082320020A	00173
59 LCSDA 8/20/08AF	LCSD	AB	2p2235.59R	PESTD.MET	1000	2	1	082320020A	00173
60 5443404AF	T	AB	2p2235.60R	PESTD.MET	962	2	1	082320020A	07394
61 5443406AF	T	AB	2p2235.61R	PESTD.MET	1022	2	1	082320020A	07394
62 AR1640824A	CCAL	CO	2p2235.62R	PESTD.MET	1	1	1	0823899999	
63 IBLKX0824C	PIBLK	LP	2p2235.63R	PESTD.MET	1000	10	1	0823899999	
64 BLANKA 8/20/08ACF	BLK	AB	2p2235.64R	PESTD.MET	30	10	1	082330002A	02033
65 LCSA 8/20/08ACF	LCS	AB	2p2235.65R	PESTD.MET	30	10	1	082330002A	02033
66 5445583ACF DF25	T	AC	2p2235.66R	PESTD.MET	30	250	1	082330002A	02033
67 5445584MSACF	MS	AB	2p2235.67R	PESTD.MET	30	10	1	082330002A	02033
68 5445585MSDACF	MSD	AB	2p2235.68R	PESTD.MET	30	10	1	082330002A	02033
69 5442177ACF	T	AB	2p2235.69R	PESTD.MET	30	10	1	082330002A	02033
70 5442178ACF	T	AB	2p2235.70R	PESTD.MET	30	10	1	082330002A	02033
71 5442179ACF	T	AB	2p2235.71R	PESTD.MET	30	10	1	082330002A	02033
72 5442180ACF	T	AB	2p2235.72R	PESTD.MET	30	10	1	082330002A	02033
73 5442187ACF	T	AB	2p2235.73R	PESTD.MET	30	10	1	082330002A	02033
74 5442188ACF	T	AB	2p2235.74R	PESTD.MET	30	10	1	082330002A	02033
75 5442189ACF	T	AB	2p2235.75R	PESTD.MET	30	10	1	082330002A	02033
76 5442190	T	AA	2p2235.76R	PESTD.MET	30	10	1	082330002A	02033
77 5445433	T	AA	2p2235.77R	PESTD.MET	30	10	1	082330002A	02033
78 5445587ACF DF25	T	AD	2p2235.78R	PESTD.MET	30	250	1	082330002A	02033
79 5445588ACF	T	AB	2p2235.79R	PESTD.MET	30	10	1	082330002A	02033
80 AR1630824A	CCAL	DE	2p2235.80R	PESTD.MET	1	1	1	0823899999	
81 IBLKX0824C	PIBLK	LQ	2p2235.81R	PESTD.MET	1000	10	1	0823899999	

ASX04_0879

Set-up by: [signature] Date: 8-28-08

8/28/2008

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\CPWIN\DATA1\9p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 53

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1 CONDITIONER	MISC	AA	9p2235.01R	PESTD.MET	1	1	1	0824899999	
2 CONDITIONER	MISC	AA	9p2235.02R	PESTD.MET	1	1	1	0824899999	
3 CONDITIONER	MISC	AA	9p2235.03R	PESTD.MET	1	1	1	0824899999	
4 CONDITIONER	MISC	AA	9p2235.04R	PESTD.MET	1	1	1	0824899999	
5 CONDITIONER	MISC	AA	9p2235.05R	PESTD.MET	1	1	1	0824899999	
6 AR1630824A	CCAL	FO	9p2235.06R	PESTD.MET	1	1	1	0824899999	
7 IBLKX0824C	PIBLK	MS	9p2235.07R	PESTD.MET	1000	10	1	0824899999	
8 BLANKA 9/4/08ACF	BLK	AB	9p2235.08R	PESTD.MET	30	10	1	082480009A	02033
9 LCSA 9/4/08ACF	LCS	AB	9p2235.09R	PESTD.MET	30	10	1	082480009A	02033
10 5457650ACF	T	AB	9p2235.10R	PESTD.MET	30	10	1	082480009A	02033
11 5457650MSACF	MS	AB	9p2235.11R	PESTD.MET	30	10	1	082480009A	02033
12 5457650MSDACF	MSD	AB	9p2235.12R	PESTD.MET	30	10	1	082480009A	02033
13 5197376ACF	T	AB	9p2235.13R	PESTD.MET	30	10	1	082480009A	02033
14 5454434ACF DF20	T	AD	9p2235.14R	PESTD.MET	30	200	1	082460004A	01216
15 5454441ACF DF250	T	AD	9p2235.15R	PESTD.MET	30	2500	1	082460004A	01216
16 5454442ACF DF100	T	AD	9p2235.16R	PESTD.MET	30	1000	1	082460004A	01216
17 BLANKA 9/5/08AF	BLK	AB	9p2235.17R	PESTD.MET	1000	10	1	082480024A	02034
18 LCSA 9/5/08AF	LCS	AB	9p2235.18R	PESTD.MET	1000	10	1	082480024A	02034
19 LCSDA 9/5/08AF	LCSD	AB	9p2235.19R	PESTD.MET	1000	10	1	082480024A	02034
20 5449242RAF	T	AB	9p2235.20R	PESTD.MET	1044	10	1	082480024A	02034
21 IBLKX0824C	PIBLK	MT	9p2235.21R	PESTD.MET	1000	10	1	0824899999	
22 AR1640824A	CCAL	DE	9p2235.22R	PESTD.MET	1	1	1	0824899999	
23 BLANKA 9/4/08ACF	BLK	AB	9p2235.23R	PESTD.MET	30	10	1	082470004A	00042
24 LCSA 9/4/08ACF	LCS	AB	9p2235.24R	PESTD.MET	30	10	1	082470004A	00042
25 5454409ACF DF50	T	AC	9p2235.25R	PESTD.MET	30	500	1	082470004A	00042
26 5454409MSACF DF50	MS	AC	9p2235.26R	PESTD.MET	30	500	1	082470004A	00042
27 5454409MSDACF DF50	MSD	AC	9p2235.27R	PESTD.MET	30	500	1	082470004A	00042
28 5454410ACF DF100	T	AC	9p2235.28R	PESTD.MET	30	1000	1	082470004A	01216
29 5454411ACF DF100	T	AC	9p2235.29R	PESTD.MET	30	1000	1	082470004A	01216
30 5454412ACF DF50	T	AC	9p2235.30R	PESTD.MET	30	500	1	082470004A	01216
31 5454414ACF DF100	T	AC	9p2235.31R	PESTD.MET	30	1000	1	082470004A	01216
32 5454414ACF DF500	T	AD	9p2235.32R	PESTD.MET	30	5000	1	082470004A	01216
33 AR1630824A	CCAL	FP	9p2235.33R	PESTD.MET	1	1	1	0824899999	
34 IBLKX0824C	PIBLK	MT	9p2235.34R	PESTD.MET	1000	10	1	0824899999	
35 5454415ACF DF100	T	AC	9p2235.35R	PESTD.MET	30	1000	1	082470004A	01216
36 5454416ACF DF100	T	AC	9p2235.36R	PESTD.MET	30	1000	1	082470004A	01216
37 5454417ACF DF50	T	AC	9p2235.37R	PESTD.MET	30	500	1	082470004A	01216
38 5454418ACF DF100	T	AC	9p2235.38R	PESTD.MET	30	1000	1	082470004A	01216
39 5454418ACF DF500	T	AD	9p2235.39R	PESTD.MET	30	5000	1	082470004A	01216
40 5454419ACF DF50	T	AC	9p2235.40R	PESTD.MET	30	500	1	082470004A	01216
41 5454420ACF DF50	T	AC	9p2235.41R	PESTD.MET	30	500	1	082470004A	01216
42 5454421ACF DF100	T	AC	9p2235.42R	PESTD.MET	30	1000	1	082470004A	01216
43 5454422ACF DF50	T	AC	9p2235.43R	PESTD.MET	30	500	1	082470004A	01216
44 5454423ACF DF100	T	AC	9p2235.44R	PESTD.MET	30	1000	1	082470004A	01216
45 AR1620824A	CCAL	EZ	9p2235.45R	PESTD.MET	1	1	1	0824899999	
46 IBLKX0824C	PIBLK	MT	9p2235.46R	PESTD.MET	1000	10	1	0824899999	
47 5454426ACF DF100	T	AC	9p2235.47R	PESTD.MET	30	1000	1	082470004A	01216
48 5454427ACF DF100	T	AC	9p2235.48R	PESTD.MET	30	1000	1	082470004A	01216
49 5454428ACF DF50	T	AC	9p2235.49R	PESTD.MET	30	500	1	082470004A	01216
50 5457156ACF	T	AB	9p2235.50R	PESTD.MET	30	10	1	082470004A	01216

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\CPWIN\DATA1\9p2235.seq
Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1
Method Directory: \\cp2\C-Drive\cpwin\DATA1
Number of Entries: 53

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
51	5457159ACF	T	AB	9p2235.51R	PESTD.MET	30	10	1	082470004A	01216
52	AR1630824A	CCAL	FP	9p2235.52R	PESTD.MET	1	1	1	0824899999	
53	BLKX0824C	PIBLK	MT	9p2235.53R	PESTD.MET	1000	10	1	0824899999	

ASX84 9881

Set-up by: [signature] Date: 9/6/8

9/6/2008

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\cpwin\DATA1\10p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 69

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1	CONDITIONER	MISC	AA	10p2235.01R	PESTD.MET	1	1	1	0825199999	
2	CONDITIONER	MISC	AA	10p2235.02R	PESTD.MET	1	1	1	0825199999	
3	CONDITIONER	MISC	AA	10p2235.03R	PESTD.MET	1	1	1	0825199999	
4	CONDITIONER	MISC	AA	10p2235.04R	PESTD.MET	1	1	1	0825199999	
5	CONDITIONER	MISC	AA	10p2235.05R	PESTD.MET	1	1	1	0825199999	
6	AR1630824A	CCAL	FX	10p2235.06R	PESTD.MET	1	1	1	0825199999	
7	IBLKX0824C	PIBLK	MX	10p2235.07R	PESTD.MET	1000	10	1	0825199999	
8	BLANKA 9/5/08ACF	BLK	AB	10p2235.08R	PESTD.MET	30	10	1	082490007A	02033
9	LCSA 9/5/08ACF	LCS	AB	10p2235.09R	PESTD.MET	30	10	1	082490007A	02033
10	5458818ACF	T	AB	10p2235.10R	PESTD.MET	30	10	1	082490007A	02033
11	5458818MSACF	MS	AB	10p2235.11R	PESTD.MET	30	10	1	082490007A	02033
12	5458818MSDACF	MSD	AB	10p2235.12R	PESTD.MET	30	10	1	082490007A	02033
13	AR1640824A	CCAL	DI	10p2235.13R	PESTD.MET	1	1	1	0825199999	
14	IBLKX0824C	PIBLK	MX	10p2235.14R	PESTD.MET	1000	10	1	0825199999	
15	5454409ACF DF250	T	AD	10p2235.15R	PESTD.MET	30	2500	1	082470004A	00042
16	5454409MSACF DF250	MS	AD	10p2235.16R	PESTD.MET	30	2500	1	082470004A	00042
17	5454409MSDACF DF250	MSD	AD	10p2235.17R	PESTD.MET	30	2500	1	082470004A	00042
18	5454410ACF DF1000	T	AD	10p2235.18R	PESTD.MET	30	10000	1	082470004A	01216
19	5454414ACF DF5000	T	AG	10p2235.19R	PESTD.MET	30	50000	1	082470004A	01216
20	5454414ACF DF10000	T	AE	10p2235.20R	PESTD.MET	30	100000	1	082470004A	01216
21	5454415ACF DF5000	T	AD	10p2235.21R	PESTD.MET	30	50000	1	082470004A	01216
22	5454416ACF DF1000	T	AD	10p2235.22R	PESTD.MET	30	10000	1	082470004A	01216
23	5454416ACF DF5000	T	AE	10p2235.23R	PESTD.MET	30	50000	1	082470004A	01216
24	5454417ACF DF500	T	AD	10p2235.24R	PESTD.MET	30	5000	1	082470004A	01216
25	5454417ACF DF1000	T	AE	10p2235.25R	PESTD.MET	30	10000	1	082470004A	01216
26	5454419ACF DF500	T	AD	10p2235.26R	PESTD.MET	30	5000	1	082470004A	01216
27	5454419ACF DF1000	T	AE	10p2235.27R	PESTD.MET	30	10000	1	082470004A	01216
28	5454422ACF DF250	T	AD	10p2235.28R	PESTD.MET	30	2500	1	082470004A	01216
29	5454423ACF DF1000	T	AD	10p2235.29R	PESTD.MET	30	10000	1	082470004A	01216
30	5454426ACF DF1000	T	AD	10p2235.30R	PESTD.MET	30	10000	1	082470004A	01216
31	5454426ACF DF5000	T	AE	10p2235.31R	PESTD.MET	30	50000	1	082470004A	01216
32	5454427ACF DF1000	T	AD	10p2235.32R	PESTD.MET	30	10000	1	082470004A	01216
33	AR1630824A	CCAL	FX	10p2235.33R	PESTD.MET	1	1	1	0825199999	
34	IBLKX0824C	PIBLK	MX	10p2235.34R	PESTD.MET	1000	10	1	0825199999	
35	BLANKA 9/5/08AF	BLK	AB	10p2235.35R	PESTD.MET	1	50	1	082490002A	00174
36	LCSA 9/5/08AF	LCS	AB	10p2235.36R	PESTD.MET	1	50	1	082490002A	00174
37	LCSDA 9/5/08AF	LCSD	AB	10p2235.37R	PESTD.MET	1	50	1	082490002A	00174
38	5456511AF	T	AB	10p2235.38R	PESTD.MET	1	50	1	082490002A	00174
39	5456511AF DF5	T	AC	10p2235.39R	PESTD.MET	1	250	1	082490002A	00174
40	AR1620824A	CCAL	FC	10p2235.40R	PESTD.MET	1	1	1	0825199999	
41	IBLKX0824C	PIBLK	MX	10p2235.41R	PESTD.MET	1000	10	1	0825199999	
42	BLANKA 9/4/08ACF	BLK	AB	10p2235.42R	PESTD.MET	30	10	1	082480006A	00042
43	LCSA 9/4/08ACF	LCS	AB	10p2235.43R	PESTD.MET	30	10	1	082480006A	00042
44	5457803ACF DF50	T	AC	10p2235.44R	PESTD.MET	30	500	1	082480006A	00042
45	5457803MSACF DF50	MS	AC	10p2235.45R	PESTD.MET	30	500	1	082480006A	00042
46	5457803MSDACF DF50	MSD	AC	10p2235.46R	PESTD.MET	30	500	1	082480006A	00042
47	5457804ACF DF100	T	AC	10p2235.47R	PESTD.MET	30	1000	1	082480006A	01216
48	5457805ACF DF50	T	AC	10p2235.48R	PESTD.MET	30	500	1	082480006A	01216
49	5457806ACF DF100	T	AC	10p2235.49R	PESTD.MET	30	1000	1	082480006A	01216
50	5457807ACF DF100	T	AC	10p2235.50R	PESTD.MET	30	1000	1	082480006A	01216

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\cpwin\DATA1\10p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 69

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
51 5457808ACF DF50	T	AC	10p2235.51R	PESTD.MET	30	500	1	082480006A	01216
52 5457809ACF DF50	T	AC	10p2235.52R	PESTD.MET	30	500	1	082480006A	01216
53 5457810ACF DF5	T	AC	10p2235.53R	PESTD.MET	30	50	1	082480006A	01216
54 5457811ACF DF50	T	AC	10p2235.54R	PESTD.MET	30	500	1	082480006A	01216
55 5457812ACF DF100	T	AC	10p2235.55R	PESTD.MET	30	1000	1	082480006A	01216
56 5457813ACF DF5	T	AC	10p2235.56R	PESTD.MET	30	50	1	082480006A	01216
57 5457814ACF DF5	T	AC	10p2235.57R	PESTD.MET	30	50	1	082480006A	01216
58 5457815ACF DF50	T	AC	10p2235.58R	PESTD.MET	30	500	1	082480006A	01216
59 5457816ACF DF100	T	AC	10p2235.59R	PESTD.MET	30	1000	1	082480006A	01216
60 5457817ACF DF50	T	AC	10p2235.60R	PESTD.MET	30	500	1	082480006A	01216
61 5457818ACF DF100	T	AC	10p2235.61R	PESTD.MET	30	1000	1	082480006A	01216
62 AR1630824A	CCAL	FX	10p2235.62R	PESTD.MET	1	1	1	0825199999	
63 IBLKX0824C	PIBLK	MX	10p2235.63R	PESTD.MET	1000	10	1	0825199999	
64 5457819ACF DF100	T	AC	10p2235.64R	PESTD.MET	30	1000	1	082480006A	01216
65 5457820ACF DF100	T	AC	10p2235.65R	PESTD.MET	30	1000	1	082480006A	01216
66 5457821ACF DF100	T	AC	10p2235.66R	PESTD.MET	30	1000	1	082480006A	01216
67 5457822ACF DF100	T	AC	10p2235.67R	PESTD.MET	30	1000	1	082480006A	01216
68 AR1640824A	CCAL	DJ	10p2235.68R	PESTD.MET	1	1	1	0825199999	
69 IBLKX0824C	PIBLK	MX	10p2235.69R	PESTD.MET	1000	10	1	0825199999	

ASX84 0883

Set-up by: Jamie L Brillhart 2131 Date: 9-9-08

9/8/2008

Sample Name: **IBLKX0824C ZIIBLKXZI ICAL 0823599999**
Acquired from CP02--H2601A via port 1 on 8/23/08 01:58:32pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.08R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.004		0.0000	0.000	24.6	0.007	BB	0.025	16.61	0.014
2	2.160		0.0000	0.000	217.8	0.058	BB	0.043	84.99	0.069
3	2.253		0.0000	0.000	257.7	0.069	BB	0.042	103.13	0.084
4	2.334		0.0000	0.000	559.0	0.149	BB	0.040	231.55	0.188
5	2.446		0.0000	0.000	905.1	0.241	BB	0.047	323.59	0.263
6	2.650		0.0000	0.000	36.7	0.010	BB	0.082	7.45	0.006
7	2.811		0.0000	0.000	162.2	0.043	BB	0.072	37.69	0.031
8	2.945		0.0000	0.000	82.9	0.022	BB	0.053	26.10	0.021
9	3.033		0.0000	0.000	160.3	0.043	BB	0.030	87.92	0.072
10	3.133		0.0000	0.000	4607.3	1.226	BB	0.102	752.48	0.613
11	3.360	TCX	20.1166	50.754	130751.7	34.794	BB	0.034	64146.28	52.219
12	3.547		0.0000	0.000	57.3	0.015	BB	0.033	29.29	0.024
13	3.675		0.0000	0.000	1569.3	0.418	BB	0.036	734.12	0.598
14	3.885		0.0000	0.000	152.1	0.040	BB	0.031	81.70	0.067
15	3.933		0.0000	0.000	14.8	0.004	BB	0.026	9.55	0.008
16	4.039		0.0000	0.000	49.2	0.013	BB	0.037	21.86	0.018
17	4.307		0.0000	0.000	355.5	0.095	BB	0.048	122.50	0.100
18	4.395		0.0000	0.000	103.5	0.028	BB	0.023	74.89	0.061
19	4.755		0.0000	0.000	2850.7	0.759	BB	0.158	299.98	0.244
20	4.890		0.0000	0.000	47.8	0.013	BB	0.060	13.25	0.011
21	4.926		0.0000	0.000	72.8	0.019	BB	0.036	33.50	0.027
22	5.049		0.0000	0.000	107.9	0.029	BB	0.033	55.01	0.045
23	5.141		0.0000	0.000	35.0	0.009	BB	0.029	20.23	0.016
24	5.343		0.0000	0.000	449.4	0.120	BB	0.161	46.65	0.038
25	5.532		0.0000	0.000	527.5	0.140	BB	0.119	74.09	0.060
26	5.621		0.0000	0.000	869.5	0.231	BB	0.065	221.75	0.181
27	5.713		0.0000	0.000	106.8	0.028	BB	0.031	57.98	0.047
28	5.906		0.0000	0.000	21093.3	5.613	BB	0.253	1390.93	1.132
29	6.386		0.0000	0.000	10155.9	2.703	BB	0.054	3161.01	2.573
30	6.542		0.0000	0.000	990.4	0.264	BB	0.059	281.45	0.229
31	6.746		0.0000	0.000	1606.3	0.427	BB	0.063	427.49	0.348
32	6.841		0.0000	0.000	270.1	0.072	BB	0.039	115.17	0.094
33	6.919		0.0000	0.000	1239.7	0.330	BB	0.058	358.08	0.291
34	7.018		0.0000	0.000	346.0	0.092	BB	0.038	150.57	0.123
35	7.234		0.0000	0.000	2662.7	0.709	BB	0.145	305.37	0.249
36	7.285		0.0000	0.000	73.0	0.019	BB	0.026	46.69	0.038
37	7.332		0.0000	0.000	82.5	0.022	BB	0.030	46.24	0.038
38	7.663		0.0000	0.000	981.1	0.261	BB	0.106	154.55	0.126
39	7.777		0.0000	0.000	279.3	0.074	BB	0.042	109.57	0.089
40	7.950		0.0000	0.000	929.3	0.247	BB	0.091	170.65	0.139
41	7.992		0.0000	0.000	40.4	0.011	BB	0.022	30.28	0.025
42	8.034		0.0000	0.000	122.0	0.032	BB	0.025	80.24	0.065
43	8.292		0.0000	0.000	3583.2	0.954	BB	0.163	365.86	0.298
44	8.549		0.0000	0.000	3090.0	0.822	BB	0.106	487.46	0.397
45	8.869		0.0000	0.000	5131.9	1.366	BB	0.339	252.43	0.205
46	8.954		0.0000	0.000	217.3	0.058	BB	0.056	64.42	0.052
47	9.076		0.0000	0.000	738.0	0.196	BB	0.056	217.84	0.177
48	9.147		0.0000	0.000	235.0	0.063	BB	0.032	123.60	0.101
49	9.232		0.0000	0.000	1081.2	0.288	BB	0.063	285.10	0.232
50	9.461	DCB	19.5188	49.246	154102.9	41.007	BB	0.058	44625.48	36.328
51	9.699		0.0000	0.000	385.2	0.103	BB	0.061	104.97	0.085
52	9.770		0.0000	0.000	94.6	0.025	BB	0.033	47.75	0.039
53	9.976		0.0000	0.000	21127.5	5.622	BB	0.204	1723.94	1.403

Total Area = 375793.3, Total Amount = 39.635, Total Height = 122841.3, Sample Units = ug/l

Sample Name: **IBLKX0824C ZIIBLKXZI ICAL 0823599999**
Acquired from CP02--H2601B via port 2 on 8/23/08 01:58:32pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.08R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.032		0.0000	0.000	641.7	0.092	BB	0.030	356.47	0.146
2	2.117		0.0000	0.000	28.3	0.004	BB	0.007	64.10	0.026
3	2.133		0.0000	0.000	160.9	0.023	BB	0.017	162.36	0.066
4	2.167		0.0000	0.000	470.4	0.067	BB	0.043	183.72	0.075
5	2.300		0.0000	0.000	488.2	0.070	BB	0.052	155.54	0.064
6	2.483		0.0000	0.000	327.1	0.047	BB	0.041	131.67	0.054
7	2.583		0.0000	0.000	27.0	0.004	BB	0.007	65.23	0.027
8	2.616		0.0000	0.000	35.4	0.005	BB	0.008	77.94	0.032
9	2.633		0.0000	0.000	109.1	0.016	BB	0.016	112.78	0.046
10	2.683		0.0000	0.000	4794.2	0.687	BB	0.154	519.94	0.213
11	2.833		0.0000	0.000	10870.5	1.558	BB	0.071	2548.47	1.042
12	2.931	TCX	20.5031	50.640	227172.2	32.556	BB	0.035	109226.70	44.646
13	3.116		0.0000	0.000	119.4	0.017	BB	0.014	137.65	0.056
14	3.166		0.0000	0.000	58.8	0.008	BB	0.013	74.40	0.030
15	3.200		0.0000	0.000	65.7	0.009	BB	0.013	84.09	0.034
16	3.255		0.0000	0.000	2682.5	0.384	BB	0.030	1472.81	0.602
17	3.350		0.0000	0.000	29.7	0.004	BB	0.007	74.19	0.030
18	3.366		0.0000	0.000	80.1	0.011	BB	0.018	75.62	0.031
19	3.433		0.0000	0.000	302.5	0.043	BB	0.022	232.77	0.095
20	3.483		0.0000	0.000	152.0	0.022	BB	0.033	77.56	0.032
21	3.566		0.0000	0.000	27.4	0.004	BB	0.010	47.42	0.019
22	3.599		0.0000	0.000	91.6	0.013	BB	0.018	84.22	0.034
23	3.616		0.0000	0.000	110.9	0.016	BB	0.021	89.76	0.037
24	3.666		0.0000	0.000	68.4	0.010	BB	0.014	80.46	0.033
25	3.716		0.0000	0.000	319.2	0.046	BB	0.035	152.77	0.062
26	3.817		0.0000	0.000	87.8	0.013	BB	0.015	98.99	0.040
27	3.833		0.0000	0.000	212.2	0.030	BB	0.021	166.86	0.068
28	3.899		0.0000	0.000	284.6	0.041	BB	0.026	180.33	0.074
29	3.975		0.0000	0.000	563.1	0.081	BB	0.035	268.18	0.110
30	4.034		0.0000	0.000	24.9	0.004	BB	0.007	55.48	0.023
31	4.050		0.0000	0.000	29.2	0.004	BB	0.009	55.42	0.023
32	4.067		0.0000	0.000	34.9	0.005	BB	0.008	68.61	0.028
33	4.083		0.0000	0.000	37.0	0.005	BB	0.009	67.38	0.028
34	4.100		0.0000	0.000	33.1	0.005	BB	0.008	64.99	0.027
35	4.117		0.0000	0.000	40.0	0.006	BB	0.009	73.13	0.030
36	4.150		0.0000	0.000	30.4	0.004	BB	0.009	59.54	0.024
37	4.167		0.0000	0.000	54.8	0.008	BB	0.012	74.85	0.031
38	4.184		0.0000	0.000	44.6	0.006	BB	0.011	64.87	0.027
39	4.200		0.0000	0.000	33.9	0.005	BB	0.008	67.79	0.028
40	4.217		0.0000	0.000	35.4	0.005	BB	0.009	68.41	0.028
41	4.250		0.0000	0.000	1150.8	0.165	BB	0.047	403.87	0.165
42	4.350		0.0000	0.000	33.5	0.005	BB	0.007	80.78	0.033
43	4.383		0.0000	0.000	33.0	0.005	BB	0.007	74.19	0.030
44	4.416		0.0000	0.000	24.3	0.003	BB	0.009	47.67	0.019
45	4.466		0.0000	0.000	159.6	0.023	BB	0.031	86.00	0.035
46	4.533		0.0000	0.000	37.9	0.005	BB	0.010	63.98	0.026
47	4.566		0.0000	0.000	159.5	0.023	BB	0.023	114.20	0.047
48	4.650		0.0000	0.000	26.4	0.004	BB	0.007	63.93	0.026
49	4.666		0.0000	0.000	53.3	0.008	BB	0.010	92.00	0.038
50	4.683		0.0000	0.000	178.6	0.026	BB	0.038	78.33	0.032
51	4.800		0.0000	0.000	32.6	0.005	BB	0.006	84.89	0.035
52	4.817		0.0000	0.000	34.9	0.005	BB	0.010	59.55	0.024
53	4.850		0.0000	0.000	23.8	0.003	BB	0.006	62.38	0.025
54	4.883		0.0000	0.000	156.9	0.022	BB	0.023	111.70	0.046
55	4.933		0.0000	0.000	43.5	0.006	BB	0.009	78.46	0.032
56	4.950		0.0000	0.000	32.0	0.005	BB	0.009	60.69	0.025
57	4.966		0.0000	0.000	130.3	0.019	BB	0.019	113.33	0.046
58	5.034		0.0000	0.000	19.0	0.003	BB	0.006	54.60	0.022
59	5.050		0.0000	0.000	36.2	0.005	BB	0.008	78.40	0.032
60	5.083		0.0000	0.000	153.7	0.022	BB	0.025	101.21	0.041
61	5.117		0.0000	0.000	20.4	0.003	BB	0.006	53.25	0.022
62	5.150		0.0000	0.000	73.9	0.011	BB	0.018	67.67	0.028

ASX04 0885

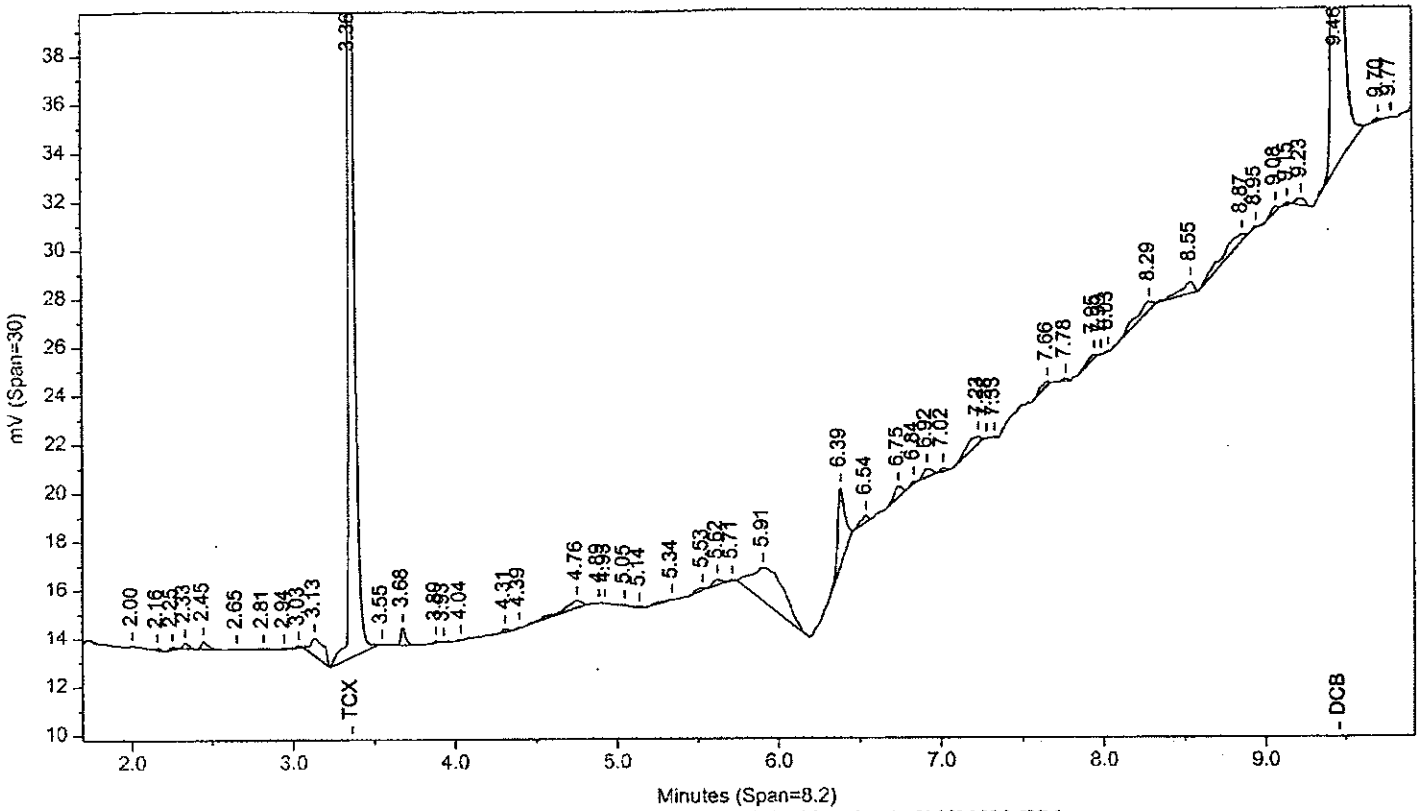
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.183		0.0000	0.000	46.0	0.007	BB	0.014	56.15	0.023
64	5.200		0.0000	0.000	39.6	0.006	BB	0.010	64.72	0.026
65	5.217		0.0000	0.000	45.8	0.007	BB	0.011	67.24	0.027
66	5.234		0.0000	0.000	37.1	0.005	BB	0.010	62.31	0.025
67	5.251		0.0000	0.000	40.3	0.006	BB	0.010	66.49	0.027
68	5.267		0.0000	0.000	29.8	0.004	BB	0.008	65.61	0.027
69	5.284		0.0000	0.000	273.5	0.039	BB	0.028	165.48	0.068
70	5.350		0.0000	0.000	62.3	0.009	BB	0.014	74.51	0.030
71	5.668		0.0000	0.000	16.4	0.002	BB	0.005	56.50	0.023
72	5.947		0.0000	0.000	59286.3	8.496	BB	0.117	8432.20	3.447
73	6.150		0.0000	0.000	417.6	0.060	BB	0.029	242.34	0.099
74	6.200		0.0000	0.000	234.0	0.034	BB	0.021	184.81	0.076
75	6.250		0.0000	0.000	364.6	0.052	BB	0.024	249.95	0.102
76	6.300		0.0000	0.000	36.8	0.005	BB	0.010	60.41	0.025
77	6.349		0.0000	0.000	750.3	0.108	BB	0.043	293.42	0.120
78	6.383		0.0000	0.000	131.6	0.019	BB	0.016	135.94	0.056
79	6.466		0.0000	0.000	435.3	0.062	BB	0.072	100.59	0.041
80	6.499		0.0000	0.000	484.9	0.069	BB	0.028	287.36	0.117
81	6.549		0.0000	0.000	16263.7	2.331	BB	0.124	2177.88	0.890
82	6.683		0.0000	0.000	255.2	0.037	BB	0.050	85.81	0.035
83	6.884		0.0000	0.000	22447.1	3.217	BB	1.838	203.54	0.083
84	6.950		0.0000	0.000	1548.0	0.222	BB	0.051	508.59	0.208
85	7.000		0.0000	0.000	33.3	0.005	BB	0.008	66.11	0.027
86	7.017		0.0000	0.000	1924.8	0.276	BB	0.034	934.78	0.382
87	7.233		0.0000	0.000	14761.6	2.115	BB	0.169	1453.92	0.594
88	7.316		0.0000	0.000	188.7	0.027	BB	0.034	92.68	0.038
89	7.367		0.0000	0.000	1172.4	0.168	BB	0.055	356.20	0.146
90	7.467		0.0000	0.000	53.7	0.008	BB	0.008	105.97	0.043
91	7.501		0.0000	0.000	461.9	0.066	BB	0.024	324.10	0.132
92	7.600		0.0000	0.000	11992.1	1.719	BB	0.099	2026.91	0.828
93	7.767		0.0000	0.000	43.0	0.006	BB	0.012	60.85	0.025
94	7.800		0.0000	0.000	524.6	0.075	BB	0.026	337.08	0.138
95	7.833		0.0000	0.000	97.6	0.014	BB	0.016	99.30	0.041
96	7.867		0.0000	0.000	26.7	0.004	BB	0.008	58.91	0.024
97	7.883		0.0000	0.000	59.7	0.009	BB	0.012	80.87	0.033
98	7.934		0.0000	0.000	1440.2	0.206	BB	0.030	797.38	0.326
99	8.017		0.0000	0.000	299.1	0.043	BB	0.053	94.71	0.039
100	8.033		0.0000	0.000	193.3	0.028	BB	0.017	188.11	0.077
101	8.083		0.0000	0.000	135.7	0.019	BB	0.015	149.46	0.061
102	8.150		0.0000	0.000	132.0	0.019	BB	0.028	77.80	0.032
103	8.167		0.0000	0.000	29.7	0.004	BB	0.007	66.56	0.027
104	8.183		0.0000	0.000	96.4	0.014	BB	0.016	101.11	0.041
105	8.262	DCB	19.9852	49.360	265700.4	38.078	BB	0.048	91917.44	37.571
106	8.484		0.0000	0.000	4683.3	0.671	BB	0.071	1098.37	0.449
107	8.599		0.0000	0.000	383.9	0.055	BB	0.024	270.00	0.110
108	8.633		0.0000	0.000	1634.7	0.234	BB	0.084	323.00	0.132
109	8.816		0.0000	0.000	1056.4	0.151	BB	0.080	220.19	0.090
110	8.868		0.0000	0.000	48.0	0.007	BB	0.010	76.32	0.031
111	8.899		0.0000	0.000	988.0	0.142	BB	0.047	352.03	0.144
112	9.067		0.0000	0.000	1810.8	0.260	BB	0.065	465.61	0.190
113	9.150		0.0000	0.000	247.0	0.035	BB	0.029	140.77	0.058
114	9.200		0.0000	0.000	34.2	0.005	BB	0.011	53.37	0.022
115	9.217		0.0000	0.000	46.0	0.007	BB	0.009	83.84	0.034
116	9.267		0.0000	0.000	140.7	0.020	BB	0.023	101.82	0.042
117	9.301		0.0000	0.000	52.0	0.007	BB	0.012	73.26	0.030
118	9.318		0.0000	0.000	44.6	0.006	BB	0.013	58.08	0.024
119	9.333		0.0000	0.000	168.6	0.024	BB	0.023	121.26	0.050
120	9.400		0.0000	0.000	44.3	0.006	BB	0.009	78.85	0.032
121	9.450		0.0000	0.000	118.8	0.017	BB	0.028	71.48	0.029
122	9.466		0.0000	0.000	132.2	0.019	BB	0.016	134.85	0.055
123	9.534		0.0000	0.000	20.9	0.003	BB	0.007	46.43	0.019
124	9.567		0.0000	0.000	89.6	0.013	BB	0.023	64.18	0.026
125	9.584		0.0000	0.000	37.1	0.005	BB	0.009	68.91	0.028
126	9.616		0.0000	0.000	173.4	0.025	BB	0.031	92.95	0.038
127	9.649		0.0000	0.000	258.8	0.037	BB	0.024	182.29	0.075
128	9.700		0.0000	0.000	439.1	0.063	BB	0.031	233.56	0.095
129	9.749		0.0000	0.000	1790.9	0.257	BB	0.146	204.58	0.084
130	9.934		0.0000	0.000	27336.7	3.918	BB	0.063	7245.64	2.962

ASX04 0886

Total Area = 697786.4, Total Amount = 40.488, Total Height = 244648.3, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.08R

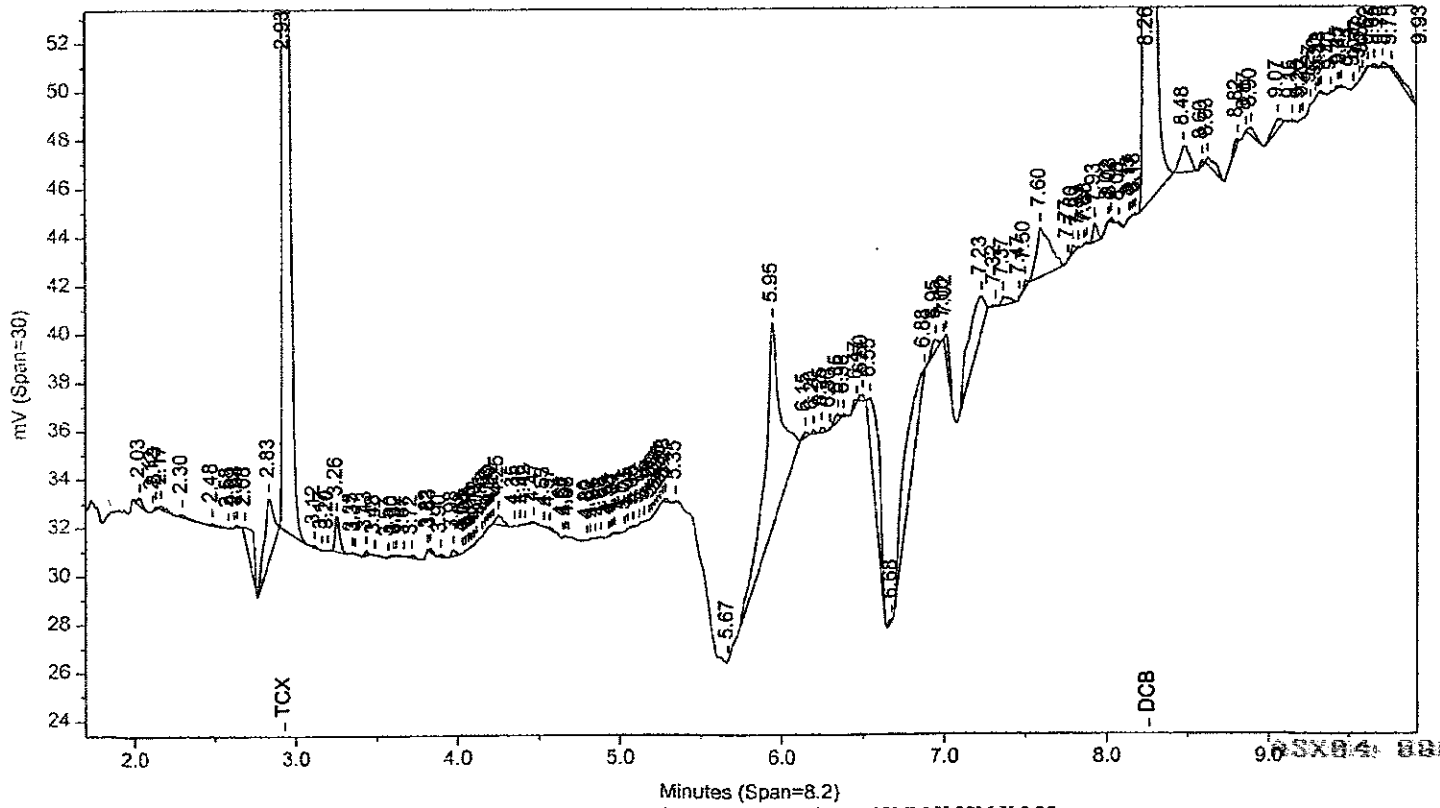
C:\CPWIN\DATA1\1P2235.08R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 1:48:32 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.08R

C:\CPWIN\DATA1\1P2235B.08R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 1:48:32 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

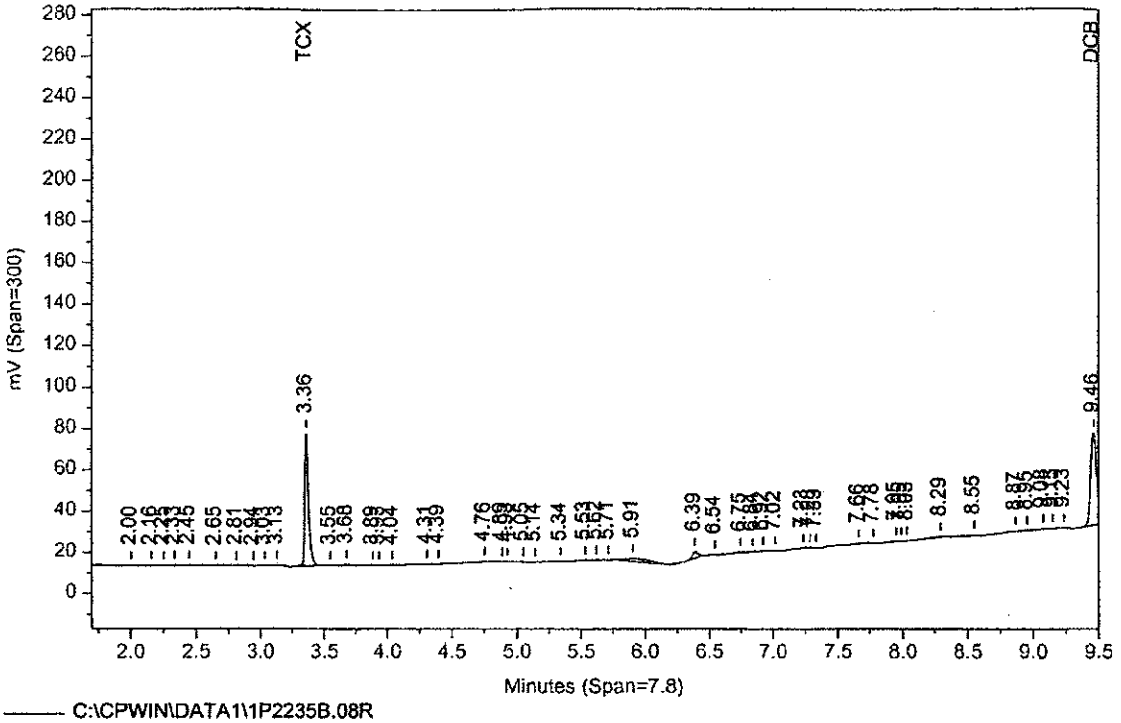
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.36	64146	20.11661	TCX	2.931	109227	20.50311	TCX
9.461	44625	19.51877	DCB	8.262	91917	19.98517	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.08A
Area File: C:\CPWIN\DATA1\1P2235B.08A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:31:34 AM
File Reported On: 8/25/2008 at 11:31:43 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.08R



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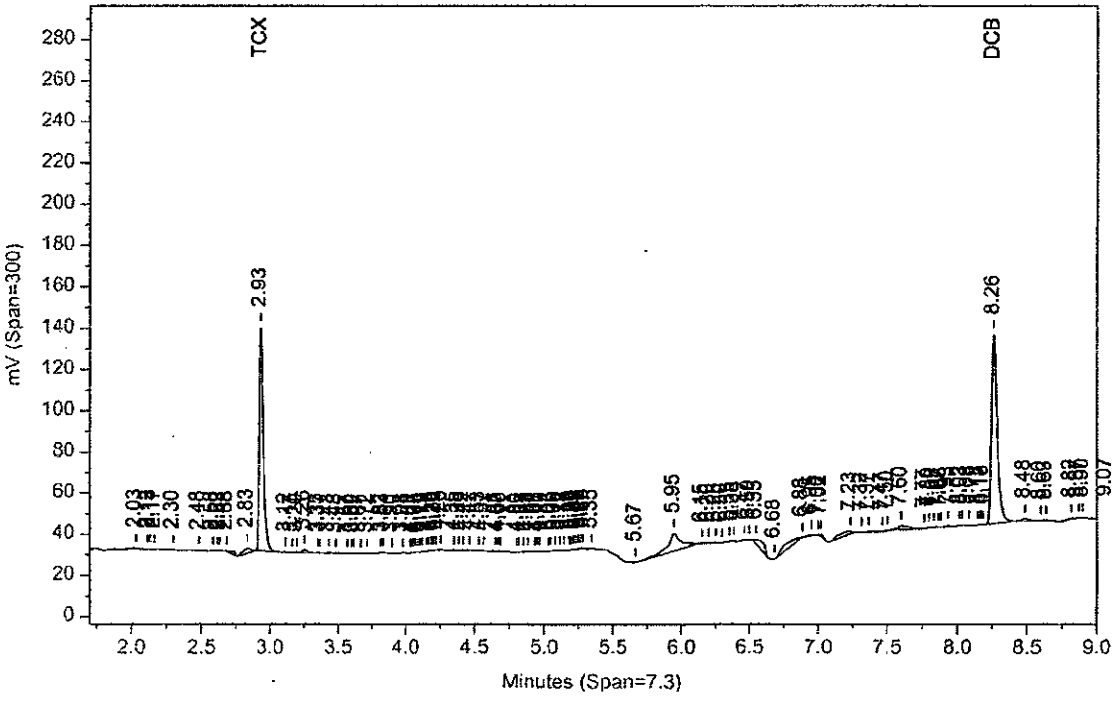


ASX84: 6889

Sample Name: **AR1610824A AAAR161AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 02:12:56pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.09R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.053		0.0000	0.000	87.2	0.022	BB	0.039	37.09	0.021
2	2.164		0.0000	0.000	207.2	0.052	BB	0.034	101.70	0.058
3	2.251		0.0000	0.000	253.9	0.064	BB	0.042	99.72	0.057
4	2.337		0.0000	0.000	167.3	0.042	BB	0.050	55.74	0.032
5	2.447		0.0000	0.000	437.5	0.110	BB	0.038	192.70	0.110
6	2.605		0.0000	0.000	110.7	0.028	BB	0.047	39.42	0.023
7	2.726		0.0000	0.000	161.1	0.040	BB	0.047	56.81	0.033
8	2.810		0.0000	0.000	148.9	0.037	BB	0.047	52.98	0.030
9	2.949		0.0000	0.000	44.5	0.011	BB	0.025	29.49	0.017
10	3.029		0.0000	0.000	3456.6	0.869	BB	0.283	203.81	0.117
11	3.300		0.0000	0.000	500.8	0.126	BB	0.083	100.38	0.058
12	3.362	TCX	3.3781	43.317	21782.8	5.475	BB	0.034	10771.91	6.174
13	3.603		0.0000	0.000	1058.9	0.266	BB	0.034	512.40	0.294
14	3.694		0.0000	0.000	1295.3	0.326	BB	0.033	652.44	0.374
15	3.771		0.0000	0.000	8216.8	2.065	BB	0.037	3659.86	2.098
16	3.921		0.0000	0.000	1328.4	0.334	BB	0.045	492.62	0.282
17	4.034		0.0000	0.000	44.6	0.011	BB	0.026	29.14	0.017
18	4.124		0.0000	0.000	2127.4	0.535	BB	0.033	1069.17	0.613
19	4.139		0.0000	0.000	1109.8	0.279	BB	0.019	973.52	0.558
20	4.254		0.0000	0.000	171.5	0.043	BB	0.020	141.49	0.081
21	4.307		0.0000	0.000	10223.0	2.570	BB	0.037	4610.02	2.642
22	4.502		0.0000	0.000	3581.1	0.900	BB	0.048	1232.36	0.706
23	4.595		0.0000	0.000	23403.9	5.883	BB	0.038	10390.72	5.955
24	4.657		0.0000	0.000	7550.8	1.898	BB	0.030	4189.98	2.401
25	4.748		0.0000	0.000	7693.7	1.934	BB	0.031	4196.33	2.405
26	4.808		0.0000	0.000	150.0	0.038	BB	0.019	133.28	0.076
27	4.861		0.0000	0.000	3215.8	0.808	BB	0.024	2275.78	1.304
28	4.905		0.0000	0.000	6929.5	1.742	BB	0.047	2457.05	1.408
29	5.052		0.0000	0.000	11238.8	2.825	BB	0.046	4087.36	2.343
30	5.134		0.0000	0.000	689.6	0.173	BB	0.019	610.87	0.350
31	5.187		0.0000	0.000	6082.2	1.529	BB	0.030	3326.71	1.907
32	5.242		0.0000	0.000	895.7	0.225	BB	0.023	638.79	0.366
33	5.317		0.0000	0.000	117.1	0.029	BB	0.023	84.96	0.049
34	5.377		0.0000	0.000	161.8	0.041	BB	0.024	113.30	0.065
35	5.428		0.0000	0.000	7618.7	1.915	BB	0.039	3277.09	1.878
36	5.486		0.0000	0.000	480.6	0.121	BB	0.020	408.00	0.234
37	5.604		0.0000	0.000	433.0	0.109	BB	0.036	201.71	0.116
38	5.656		0.0000	0.000	6196.5	1.558	BB	0.034	3023.02	1.733
39	5.760		0.0000	0.000	97.6	0.025	BB	0.025	64.69	0.037
40	5.948		0.0000	0.000	3287.5	0.826	BB	0.040	1386.54	0.795
41	6.010		0.0000	0.000	2096.8	0.527	BB	0.028	1226.82	0.703
42	6.081		0.0000	0.000	11562.7	2.906	BB	0.049	3947.81	2.263
43	6.185		0.0000	0.000	17498.5	4.398	BB	0.036	8194.29	4.697
44	6.387		0.0000	0.000	15604.5	3.922	BB	0.039	6697.16	3.838
45	6.460		0.0000	0.000	21699.2	5.454	BB	0.036	9926.11	5.689
46	6.516		0.0000	0.000	1095.0	0.275	BB	0.021	886.71	0.508
47	6.574		0.0000	0.000	7187.7	1.807	BB	0.036	3303.82	1.894
48	6.679		0.0000	0.000	537.0	0.135	BB	0.024	375.93	0.215
49	6.727		0.0000	0.000	22414.2	5.634	BB	0.036	10247.38	5.873
50	6.814		0.0000	0.000	10459.5	2.629	BB	0.029	5917.89	3.392
51	6.869		0.0000	0.000	4119.9	1.036	BB	0.027	2505.71	1.436
52	7.000		0.0000	0.000	494.6	0.124	BB	0.041	200.79	0.115
53	7.033		0.0000	0.000	12451.5	3.130	BB	0.033	6253.41	3.584
54	7.112		0.0000	0.000	5237.6	1.317	BB	0.029	2960.76	1.697
55	7.166		0.0000	0.000	1425.2	0.358	BB	0.025	956.13	0.548
56	7.296		0.0000	0.000	3182.8	0.800	BB	0.036	1491.80	0.855
57	7.383		0.0000	0.000	37531.2	9.434	BB	0.040	15547.71	8.911
58	7.506		0.0000	0.000	159.5	0.040	BB	0.039	67.44	0.039
59	7.720		0.0000	0.000	18338.0	4.610	BB	0.035	8821.98	5.056
60	7.816		0.0000	0.000	5328.1	1.339	BB	0.040	2241.94	1.285
61	7.977		0.0000	0.000	418.3	0.105	BB	0.073	95.34	0.055
62	8.123		0.0000	0.000	1088.8	0.274	BB	0.121	150.39	0.086

ASX84 0898

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.231		0.0000	0.000	5232.6	1.315	BB	0.050	1753.73	1.005
64	8.575		0.0000	0.000	9468.1	2.380	BB	0.051	3112.76	1.784
65	8.918		0.0000	0.000	2767.0	0.696	BB	0.455	101.45	0.058
66	9.067		0.0000	0.000	4441.9	1.117	BB	0.062	1197.55	0.686
67	9.323		0.0000	0.000	1159.5	0.291	BB	0.134	144.23	0.083
68	9.458	DCB	4.4204	56.683	31197.7	7.842	BB	0.051	10106.39	5.792
69	9.830		0.0000	0.000	874.8	0.220	BB	0.241	60.45	0.035

Total Area = 397830.0, Total Amount = 7.799, Total Height = 174474.9, Sample Units = ug/l

ASXB4 8891

Sample Name: **AR1610824A AAAR161AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 02:12:56pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.09R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	228.2	0.030	BB	0.033	114.97	0.033
2	2.094		0.0000	0.000	13.5	0.002	BB	0.005	43.05	0.012
3	2.111		0.0000	0.000	17.3	0.002	BB	0.007	42.05	0.012
4	2.127		0.0000	0.000	25.9	0.003	BB	0.010	43.32	0.012
5	2.143		0.0000	0.000	182.9	0.024	BB	0.032	95.89	0.027
6	2.209		0.0000	0.000	104.8	0.014	BB	0.019	92.63	0.027
7	2.277		0.0000	0.000	204.2	0.027	BB	0.038	89.67	0.026
8	2.359		0.0000	0.000	392.5	0.051	BB	0.045	146.33	0.042
9	2.492		0.0000	0.000	704.7	0.091	BB	0.056	210.45	0.060
10	2.611		0.0000	0.000	101.1	0.013	BB	0.049	34.06	0.010
11	2.643		0.0000	0.000	8790.1	1.141	BB	0.191	768.12	0.220
12	2.811		0.0000	0.000	1008.8	0.131	BB	0.112	150.79	0.043
13	2.827		0.0000	0.000	30.3	0.004	BB	0.010	49.63	0.014
14	2.843		0.0000	0.000	40.3	0.005	BB	0.013	53.25	0.015
15	2.893		0.0000	0.000	114.1	0.015	BB	0.014	131.76	0.038
16	2.935	TCX	4.0153	45.575	43095.1	5.593	BB	0.034	21390.76	6.123
17	3.110		0.0000	0.000	184.6	0.024	BB	0.031	98.10	0.028
18	3.188		0.0000	0.000	2261.7	0.294	BB	0.033	1158.60	0.332
19	3.279		0.0000	0.000	2868.6	0.372	BB	0.034	1399.61	0.401
20	3.362		0.0000	0.000	16869.5	2.189	BB	0.037	7676.97	2.198
21	3.477		0.0000	0.000	18.4	0.002	BB	0.006	49.87	0.014
22	3.510		0.0000	0.000	19.5	0.003	BB	0.007	46.58	0.013
23	3.538		0.0000	0.000	1828.6	0.237	BB	0.035	873.75	0.250
24	3.626		0.0000	0.000	47.7	0.006	BB	0.012	65.48	0.019
25	3.697		0.0000	0.000	36086.7	4.684	BB	0.050	11993.93	3.433
26	3.840		0.0000	0.000	484.8	0.063	BB	0.019	421.07	0.121
27	3.881		0.0000	0.000	18641.6	2.419	BB	0.036	8641.11	2.474
28	4.010		0.0000	0.000	1144.5	0.149	BB	0.021	912.64	0.261
29	4.029		0.0000	0.000	644.2	0.084	BB	0.018	612.99	0.175
30	4.127		0.0000	0.000	40701.4	5.283	BB	0.035	19561.79	5.600
31	4.185		0.0000	0.000	13037.7	1.692	BB	0.030	7178.38	2.055
32	4.305		0.0000	0.000	12208.9	1.585	BB	0.027	7588.65	2.172
33	4.361		0.0000	0.000	4405.2	0.572	BB	0.021	3415.73	0.978
34	4.396		0.0000	0.000	11457.5	1.487	BB	0.036	5243.15	1.501
35	4.567		0.0000	0.000	27486.3	3.567	BB	0.055	8351.72	2.391
36	4.708		0.0000	0.000	13174.2	1.710	BB	0.034	6486.65	1.857
37	4.773		0.0000	0.000	2602.1	0.338	BB	0.026	1688.84	0.483
38	4.843		0.0000	0.000	83.9	0.011	BB	0.010	140.41	0.040
39	4.878		0.0000	0.000	883.3	0.115	BB	0.017	887.59	0.254
40	4.916		0.0000	0.000	16546.3	2.148	BB	0.039	7137.02	2.043
41	5.010		0.0000	0.000	423.9	0.055	BB	0.020	360.34	0.103
42	5.070		0.0000	0.000	9617.2	1.248	BB	0.032	4986.15	1.427
43	5.142		0.0000	0.000	245.0	0.032	BB	0.021	190.14	0.054
44	5.284		0.0000	0.000	3290.6	0.427	BB	0.064	863.52	0.247
45	5.369		0.0000	0.000	1935.0	0.251	BB	0.026	1249.48	0.358
46	5.480		0.0000	0.000	13641.8	1.771	BB	0.040	5630.92	1.612
47	5.595		0.0000	0.000	32466.7	4.214	BB	0.036	14977.81	4.287
48	5.692		0.0000	0.000	262.1	0.034	BB	0.018	241.47	0.069
49	5.729		0.0000	0.000	3731.3	0.484	BB	0.028	2254.73	0.645
50	5.790		0.0000	0.000	36385.1	4.722	BB	0.035	17212.68	4.927
51	5.937		0.0000	0.000	73006.0	9.475	BB	0.052	23556.97	6.743
52	6.059		0.0000	0.000	3507.0	0.455	BB	0.023	2558.87	0.732
53	6.108		0.0000	0.000	18281.3	2.373	BB	0.026	11857.82	3.394
54	6.151		0.0000	0.000	9794.3	1.271	BB	0.024	6870.11	1.967
55	6.202		0.0000	0.000	5900.8	0.766	BB	0.025	3965.24	1.135
56	6.337		0.0000	0.000	4564.6	0.592	BB	0.033	2306.94	0.660
57	6.408		0.0000	0.000	28631.8	3.716	BB	0.037	12782.75	3.659
58	6.504		0.0000	0.000	8751.3	1.136	BB	0.027	5378.17	1.539
59	6.547		0.0000	0.000	1398.7	0.182	BB	0.019	1240.33	0.355
60	6.584		0.0000	0.000	1472.9	0.191	BB	0.020	1200.88	0.344
61	6.657		0.0000	0.000	59668.1	7.744	BB	0.036	27612.70	7.904
62	6.755		0.0000	0.000	1079.2	0.140	BB	0.027	672.82	0.193

ASX84 8892

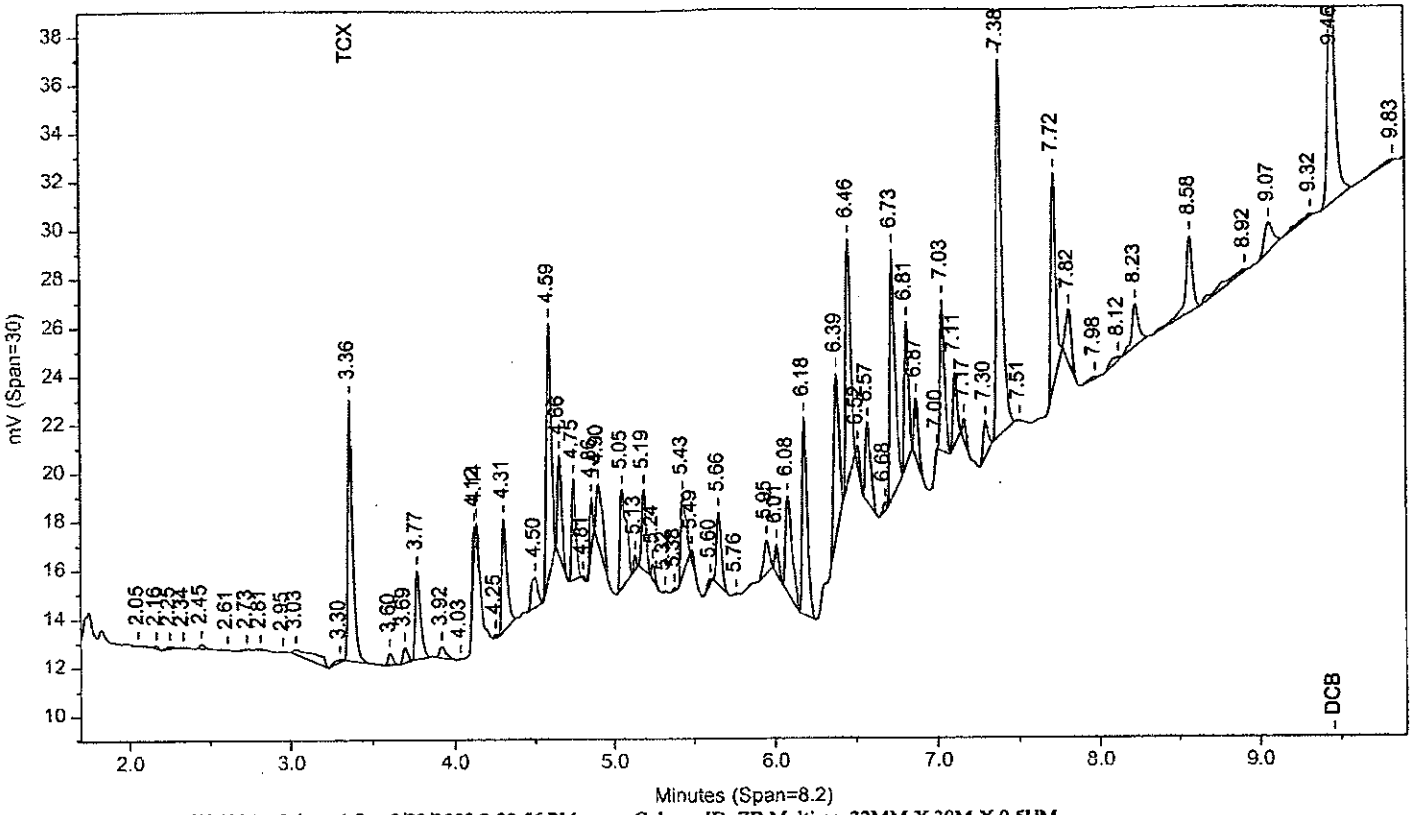
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.827		0.0000	0.000	16.7	0.002	BB	0.007	41.47	0.012
64	6.843		0.0000	0.000	76.2	0.010	BB	0.016	81.75	0.023
65	6.942		0.0000	0.000	9553.3	1.240	BB	0.027	5864.62	1.679
66	7.001		0.0000	0.000	42693.2	5.541	BB	0.036	19546.60	5.595
67	7.127		0.0000	0.000	37.2	0.005	BB	0.010	64.19	0.018
68	7.161		0.0000	0.000	61.7	0.008	BB	0.014	76.05	0.022
69	7.227		0.0000	0.000	1612.5	0.209	BB	0.040	668.28	0.191
70	7.285		0.0000	0.000	327.5	0.043	BB	0.023	232.83	0.067
71	7.343		0.0000	0.000	2218.2	0.288	BB	0.037	994.00	0.285
72	7.405		0.0000	0.000	7301.1	0.948	BB	0.037	3285.74	0.941
73	7.477		0.0000	0.000	20.9	0.003	BB	0.007	52.33	0.015
74	7.494		0.0000	0.000	275.4	0.036	BB	0.025	180.15	0.052
75	7.573		0.0000	0.000	22237.5	2.886	BB	0.041	8991.38	2.574
76	7.694		0.0000	0.000	39.9	0.005	BB	0.010	64.75	0.019
77	7.710		0.0000	0.000	27.9	0.004	BB	0.008	61.40	0.018
78	7.727		0.0000	0.000	35.6	0.005	BB	0.009	64.06	0.018
79	7.743		0.0000	0.000	349.7	0.045	BB	0.028	208.76	0.060
80	7.859		0.0000	0.000	1965.9	0.255	BB	0.061	537.31	0.154
81	7.934		0.0000	0.000	3489.1	0.453	BB	0.032	1830.77	0.524
82	7.993		0.0000	0.000	344.9	0.045	BB	0.029	201.38	0.058
83	8.060		0.0000	0.000	31.0	0.004	BB	0.007	72.45	0.021
84	8.094		0.0000	0.000	31.2	0.004	BB	0.010	51.07	0.015
85	8.109		0.0000	0.000	271.6	0.035	BB	0.027	168.61	0.048
86	8.177		0.0000	0.000	24.1	0.003	BB	0.007	60.77	0.017
87	8.194		0.0000	0.000	35.8	0.005	BB	0.010	59.17	0.017
88	8.259	DCB	4.7949	54.425	56768.9	7.368	BB	0.043	22053.14	6.313
89	8.394		0.0000	0.000	32.6	0.004	BB	0.008	65.10	0.019
90	8.411		0.0000	0.000	28.2	0.004	BB	0.008	62.17	0.018
91	8.426		0.0000	0.000	117.4	0.015	BB	0.014	135.41	0.039
92	8.477		0.0000	0.000	21.7	0.003	BB	0.006	57.88	0.017
93	8.560		0.0000	0.000	2888.6	0.375	BB	0.059	822.12	0.235
94	8.643		0.0000	0.000	566.2	0.073	BB	0.029	325.90	0.093
95	8.693		0.0000	0.000	33.4	0.004	BB	0.008	66.23	0.019
96	8.709		0.0000	0.000	102.4	0.013	BB	0.014	126.39	0.036
97	8.777		0.0000	0.000	29.2	0.004	BB	0.008	58.71	0.017
98	8.794		0.0000	0.000	26.1	0.003	BB	0.010	45.29	0.013
99	8.827		0.0000	0.000	63.2	0.008	BB	0.015	68.36	0.020
100	8.844		0.0000	0.000	27.5	0.004	BB	0.008	54.24	0.016
101	8.860		0.0000	0.000	99.5	0.013	BB	0.015	110.18	0.032
102	8.892		0.0000	0.000	168.1	0.022	BB	0.028	100.86	0.029
103	8.992		0.0000	0.000	709.8	0.092	BB	0.040	298.52	0.085
104	9.043		0.0000	0.000	123.1	0.016	BB	0.021	97.38	0.028
105	9.094		0.0000	0.000	50.1	0.007	BB	0.011	75.41	0.022
106	9.110		0.0000	0.000	45.2	0.006	BB	0.010	75.76	0.022
107	9.143		0.0000	0.000	41.4	0.005	BB	0.009	74.26	0.021
108	9.194		0.0000	0.000	128.1	0.017	BB	0.026	82.60	0.024
109	9.210		0.0000	0.000	210.9	0.027	BB	0.024	144.70	0.041
110	9.276		0.0000	0.000	34.5	0.004	BB	0.009	63.71	0.018
111	9.294		0.0000	0.000	23.6	0.003	BB	0.007	57.41	0.016
112	9.310		0.0000	0.000	36.9	0.005	BB	0.010	60.53	0.017
113	9.327		0.0000	0.000	44.5	0.006	BB	0.010	72.63	0.021
114	9.360		0.0000	0.000	25.6	0.003	BB	0.008	55.48	0.016
115	9.393		0.0000	0.000	165.7	0.022	BB	0.021	129.11	0.037
116	9.444		0.0000	0.000	27.9	0.004	BB	0.008	59.64	0.017
117	9.461		0.0000	0.000	24.4	0.003	BB	0.008	51.75	0.015
118	9.477		0.0000	0.000	40.5	0.005	BB	0.010	67.98	0.019
119	9.493		0.0000	0.000	34.8	0.005	BB	0.009	61.72	0.018
120	9.510		0.0000	0.000	23.2	0.003	BB	0.007	52.66	0.015
121	9.543		0.0000	0.000	24.4	0.003	BB	0.008	51.30	0.015
122	9.560		0.0000	0.000	27.5	0.004	BB	0.008	56.08	0.016
123	9.577		0.0000	0.000	32.4	0.004	BB	0.009	62.58	0.018
124	9.593		0.0000	0.000	36.1	0.005	BB	0.008	75.14	0.022
125	9.627		0.0000	0.000	71.1	0.009	BB	0.016	75.93	0.022
126	9.643		0.0000	0.000	219.4	0.028	BB	0.026	143.18	0.041
127	9.710		0.0000	0.000	362.6	0.047	BB	0.037	164.73	0.047
128	9.810		0.0000	0.000	28.8	0.004	BB	0.008	59.41	0.017
129	9.826		0.0000	0.000	1144.6	0.149	BB	0.077	247.57	0.071
130	9.926		0.0000	0.000	15799.3	2.051	BB	0.044	6036.71	1.728
131	9.976		0.0000	0.000	96.7	0.013	BB	0.013	121.67	0.035

Total Area = 770480.0, Total Amount = 8.81, Total Height = 349345.7, Sample Units = ug/l

ASX04 0894

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.09R

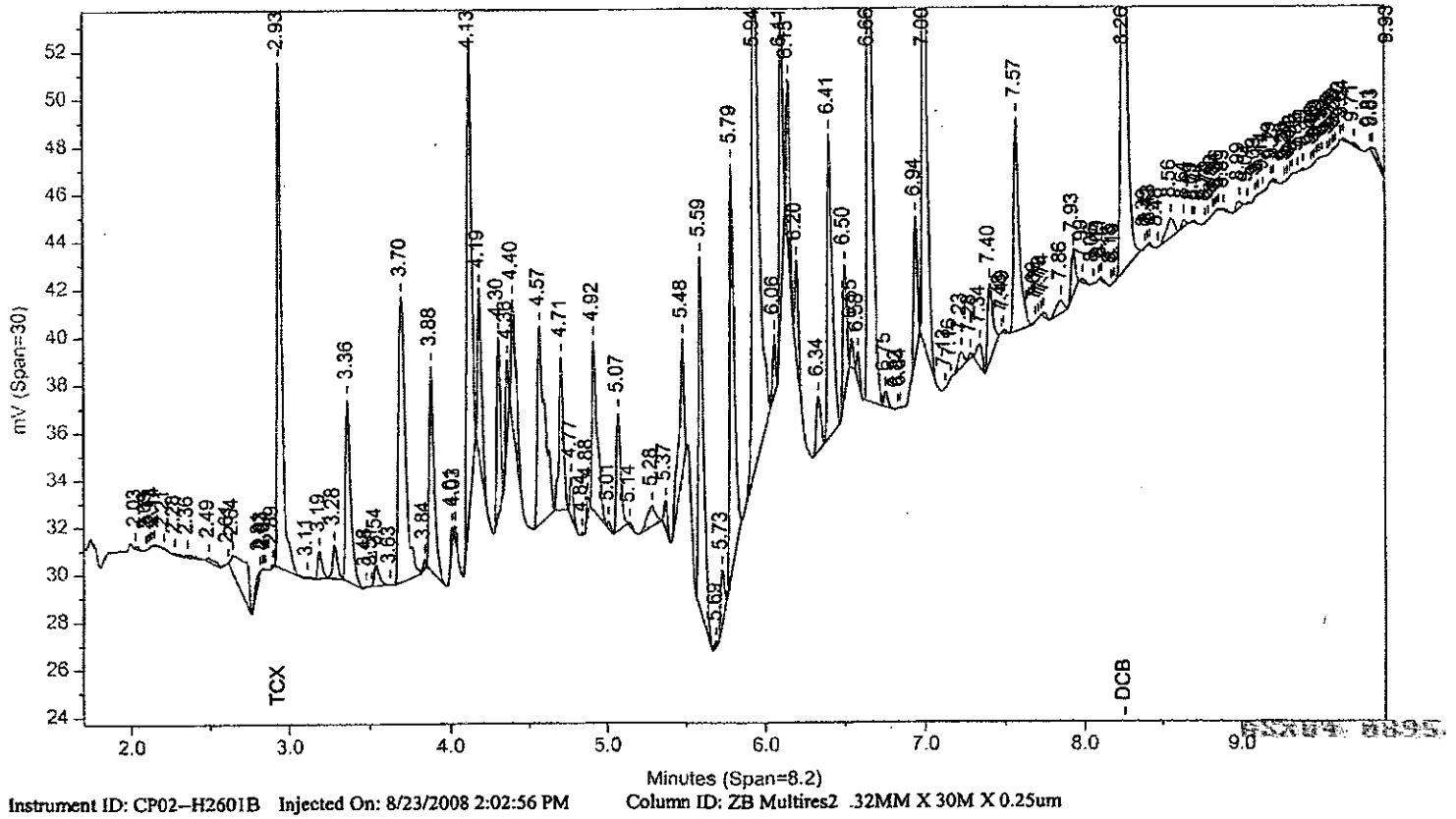
C:\CPWIN\DATA1\1P2235.09R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 2:02:56 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.09R

C:\CPWIN\DATA1\1P2235B.09R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 2:02:56 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

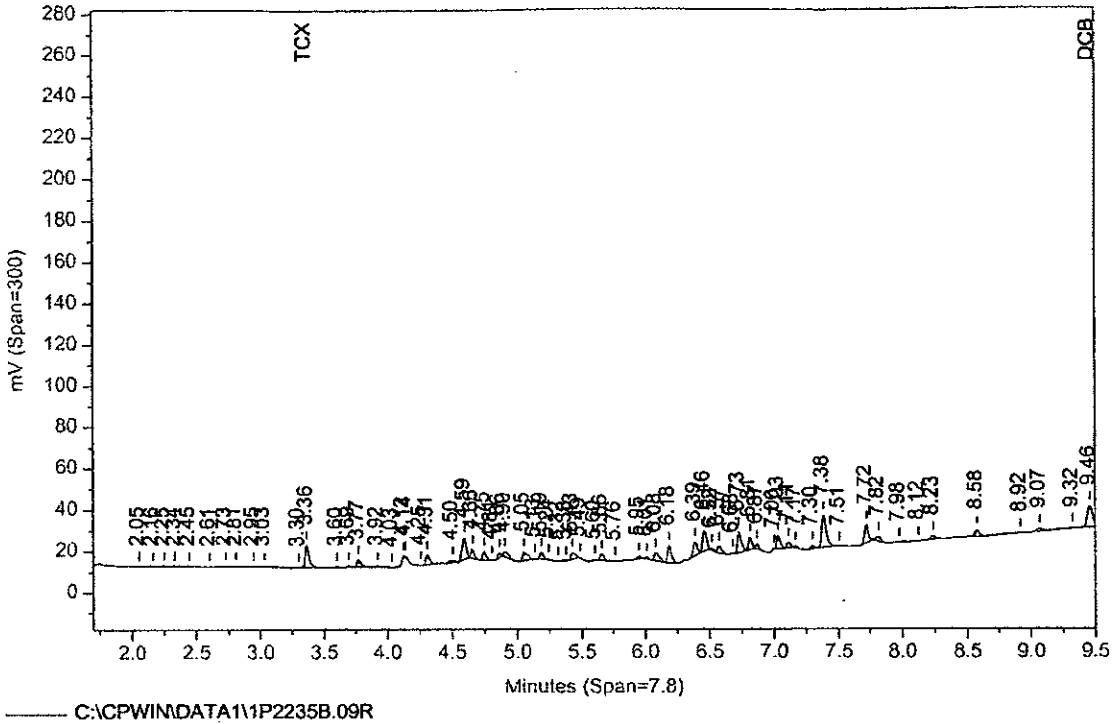
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.362	10772	3.37813	TCX	2.935	21391	4.01529	TCX
9.458	10106	4.42044	DCB	8.259	22053	4.79491	DCB

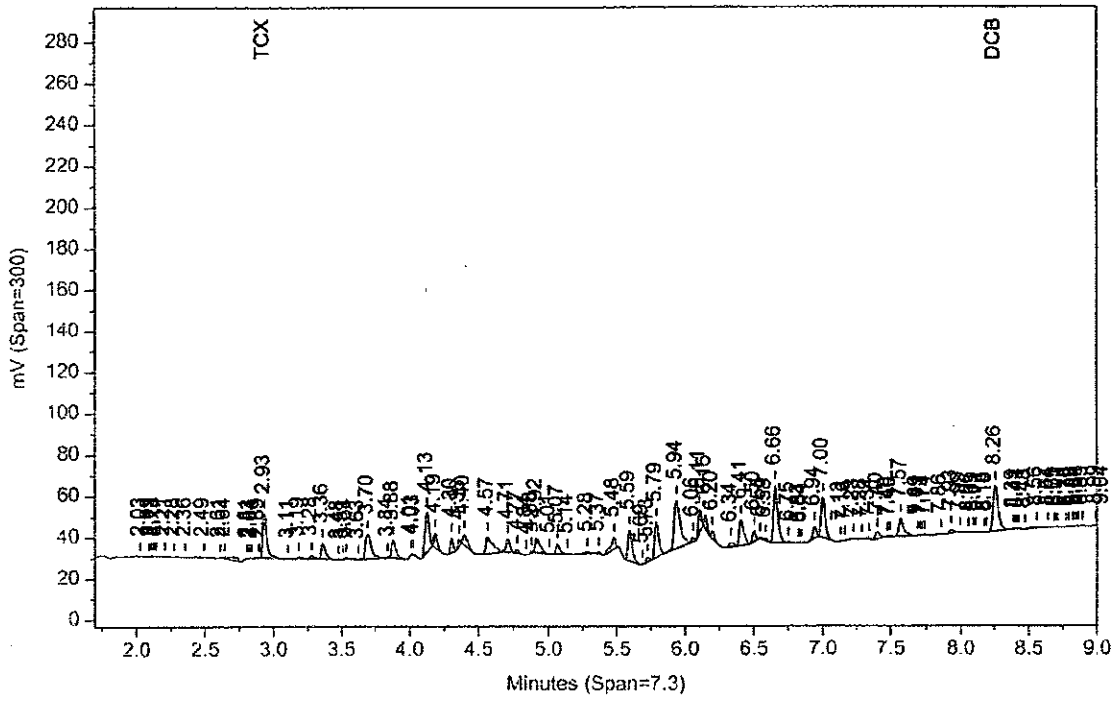
Files:
Area File: C:\CPWIN\DATA1\1P2235.09A
Area File: C:\CPWIN\DATA1\1P2235B.09A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:31:54 AM
File Reported On: 8/25/2008 at 11:32:05 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.09R



C:\CPWIN\DATA1\1P2235B.09R



Sample Name: **AR1620824A AAAR162AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 02:27:25pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.10R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.335		0.0000	0.000	3699.7	0.398	BB	0.128	480.01	0.125
2	2.446		0.0000	0.000	2121.1	0.228	BB	0.042	845.93	0.220
3	2.815		0.0000	0.000	513.0	0.055	BB	0.074	116.31	0.030
4	3.029		0.0000	0.000	65.6	0.007	BB	0.027	40.62	0.011
5	3.131		0.0000	0.000	4759.1	0.511	BB	0.104	759.25	0.197
6	3.359	TCX	21.0383	50.478	136853.0	14.707	BB	0.034	67085.45	17.419
7	3.537		0.0000	0.000	27.8	0.003	BB	0.023	19.96	0.005
8	3.601		0.0000	0.000	2072.3	0.223	BB	0.034	1003.52	0.261
9	3.690		0.0000	0.000	3679.7	0.395	BB	0.038	1593.07	0.414
10	3.769		0.0000	0.000	14963.8	1.608	BB	0.037	6671.31	1.732
11	3.920		0.0000	0.000	1705.7	0.183	BB	0.037	777.69	0.202
12	4.138		0.0000	0.000	32511.2	3.494	BB	0.060	8998.96	2.337
13	4.252		0.0000	0.000	384.5	0.041	BB	0.021	305.51	0.079
14	4.306		0.0000	0.000	18155.0	1.951	BB	0.037	8254.35	2.143
15	4.427		0.0000	0.000	196.9	0.021	BB	0.024	134.73	0.035
16	4.501		0.0000	0.000	5665.9	0.609	BB	0.046	2045.37	0.531
17	4.594		0.0000	0.000	40419.2	4.344	BB	0.038	17698.39	4.595
18	4.657		0.0000	0.000	12807.1	1.376	BB	0.030	7191.78	1.867
19	4.749		0.0000	0.000	13329.9	1.433	BB	0.031	7201.16	1.870
20	4.811		0.0000	0.000	204.3	0.022	BB	0.017	194.93	0.051
21	4.863		0.0000	0.000	5495.4	0.591	BB	0.024	3749.52	0.974
22	4.905		0.0000	0.000	11154.7	1.199	BB	0.046	4073.46	1.058
23	5.054		0.0000	0.000	19088.9	2.051	BB	0.046	6863.01	1.782
24	5.134		0.0000	0.000	1150.1	0.124	BB	0.019	1023.47	0.266
25	5.187		0.0000	0.000	10589.9	1.138	BB	0.031	5778.57	1.500
26	5.245		0.0000	0.000	1790.0	0.192	BB	0.026	1153.86	0.300
27	5.322		0.0000	0.000	345.0	0.037	BB	0.027	215.72	0.056
28	5.377		0.0000	0.000	229.9	0.025	BB	0.022	177.40	0.046
29	5.430		0.0000	0.000	12766.7	1.372	BB	0.038	5564.69	1.445
30	5.486		0.0000	0.000	625.3	0.067	BB	0.018	586.39	0.152
31	5.606		0.0000	0.000	595.1	0.064	BB	0.052	191.68	0.050
32	5.659		0.0000	0.000	13689.9	1.471	BB	0.041	5585.62	1.450
33	5.807		0.0000	0.000	37.0	0.004	BB	0.024	25.70	0.007
34	5.857		0.0000	0.000	326.7	0.035	BB	0.035	155.86	0.040
35	5.948		0.0000	0.000	5980.6	0.643	BB	0.039	2582.96	0.671
36	6.013		0.0000	0.000	3600.2	0.387	BB	0.028	2145.41	0.557
37	6.084		0.0000	0.000	20277.8	2.179	BB	0.050	6816.74	1.770
38	6.187		0.0000	0.000	31255.7	3.359	BB	0.037	14041.31	3.646
39	6.311		0.0000	0.000	1636.1	0.176	BB	0.035	783.00	0.203
40	6.385		0.0000	0.000	18528.7	1.991	BB	0.036	8653.23	2.247
41	6.460		0.0000	0.000	37206.5	3.998	BB	0.037	16679.14	4.331
42	6.517		0.0000	0.000	2106.2	0.226	BB	0.022	1591.45	0.413
43	6.575		0.0000	0.000	12676.3	1.362	BB	0.036	5843.08	1.517
44	6.680		0.0000	0.000	905.6	0.097	BB	0.022	674.51	0.175
45	6.727		0.0000	0.000	38550.6	4.143	BB	0.037	17414.14	4.522
46	6.816		0.0000	0.000	17375.1	1.867	BB	0.029	9913.95	2.574
47	6.871		0.0000	0.000	7154.8	0.769	BB	0.027	4352.00	1.130
48	7.001		0.0000	0.000	836.9	0.090	BB	0.040	348.82	0.091
49	7.034		0.0000	0.000	21694.6	2.331	BB	0.034	10516.23	2.731
50	7.114		0.0000	0.000	8188.9	0.880	BB	0.029	4742.73	1.231
51	7.169		0.0000	0.000	2544.2	0.273	BB	0.024	1740.47	0.452
52	7.298		0.0000	0.000	5281.7	0.568	BB	0.034	2577.43	0.669
53	7.384		0.0000	0.000	66348.6	7.130	BB	0.042	26515.52	6.885
54	7.557		0.0000	0.000	358.6	0.039	BB	0.052	114.30	0.030
55	7.720		0.0000	0.000	33112.7	3.558	BB	0.036	15209.53	3.949
56	7.818		0.0000	0.000	9617.3	1.034	BB	0.038	4195.73	1.089
57	7.911		0.0000	0.000	668.7	0.072	BB	0.044	254.04	0.066
58	8.235		0.0000	0.000	12023.9	1.292	BB	0.064	3112.38	0.808
59	8.577		0.0000	0.000	12813.4	1.377	BB	0.041	5265.86	1.367
60	8.685		0.0000	0.000	638.3	0.069	BB	0.044	243.66	0.063
61	9.066		0.0000	0.000	5867.5	0.631	BB	0.047	2079.18	0.540
62	9.460	DCB	20.6402	49.522	159525.7	17.143	BB	0.056	47189.37	12.253

ASX04 8890

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.695		0.0000	0.000	726.1	0.078	BB	0.086	141.15	0.037
64	9.965		0.0000	0.000	21014.4	2.258	BB	0.124	2824.35	0.733

Total Area = 930535.0, Total Amount = 41.679, Total Height = 385124.9, Sample Units = ug/l

ASX84 2899

Sample Name: **AR1620824A AAAR162AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 02:27:25pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.10R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.025		0.0000	0.000	144.6	0.009	BB	0.013	178.56	0.025
2	2.109		0.0000	0.000	33.9	0.002	BB	0.010	57.20	0.008
3	2.127		0.0000	0.000	26.2	0.002	BB	0.010	45.86	0.007
4	2.143		0.0000	0.000	94.4	0.006	BB	0.015	104.38	0.015
5	2.176		0.0000	0.000	288.8	0.018	BB	0.032	148.40	0.021
6	2.277		0.0000	0.000	15.8	0.001	BB	0.006	42.27	0.006
7	2.359		0.0000	0.000	58.1	0.004	BB	0.011	85.13	0.012
8	2.460		0.0000	0.000	16.0	0.001	BB	0.006	41.78	0.006
9	2.477		0.0000	0.000	26.5	0.002	BB	0.009	47.70	0.007
10	2.492		0.0000	0.000	1268.9	0.080	BB	0.098	215.66	0.031
11	2.642		0.0000	0.000	950.9	0.060	BB	0.054	293.73	0.042
12	2.676		0.0000	0.000	6204.9	0.392	BB	0.196	526.39	0.075
13	2.840		0.0000	0.000	11154.7	0.704	BB	0.082	2266.38	0.323
14	2.934	TCX	21.3327	49.454	240553.7	15.186	BB	0.035	113646.30	16.185
15	3.109		0.0000	0.000	338.6	0.021	BB	0.028	201.72	0.029
16	3.187		0.0000	0.000	4237.8	0.268	BB	0.033	2129.87	0.303
17	3.278		0.0000	0.000	7203.3	0.455	BB	0.042	2861.57	0.408
18	3.361		0.0000	0.000	29194.3	1.843	BB	0.038	12774.16	1.819
19	3.536		0.0000	0.000	3704.0	0.234	BB	0.038	1612.39	0.230
20	3.643		0.0000	0.000	19.1	0.001	BB	0.007	48.82	0.007
21	3.695		0.0000	0.000	58248.7	3.677	BB	0.049	19697.58	2.805
22	3.836		0.0000	0.000	777.2	0.049	BB	0.018	701.72	0.100
23	3.879		0.0000	0.000	29855.0	1.885	BB	0.035	14109.74	2.009
24	3.975		0.0000	0.000	47.0	0.003	BB	0.009	84.17	0.012
25	4.009		0.0000	0.000	1674.8	0.106	BB	0.026	1073.36	0.153
26	4.027		0.0000	0.000	1237.3	0.078	BB	0.019	1073.05	0.153
27	4.126		0.0000	0.000	67559.4	4.265	BB	0.035	31926.35	4.547
28	4.185		0.0000	0.000	21295.5	1.344	BB	0.031	11550.16	1.645
29	4.303		0.0000	0.000	20772.2	1.311	BB	0.027	12591.71	1.793
30	4.361		0.0000	0.000	7328.9	0.463	BB	0.022	5667.47	0.807
31	4.396		0.0000	0.000	19659.2	1.241	BB	0.037	8792.30	1.252
32	4.567		0.0000	0.000	13897.5	0.877	BB	0.025	9369.40	1.334
33	4.595		0.0000	0.000	1348.8	0.085	BB	0.014	1660.39	0.236
34	4.708		0.0000	0.000	22755.8	1.437	BB	0.034	11059.52	1.575
35	4.774		0.0000	0.000	4728.8	0.299	BB	0.026	2995.02	0.427
36	4.844		0.0000	0.000	155.6	0.010	BB	0.014	183.89	0.026
37	4.880		0.0000	0.000	1455.8	0.092	BB	0.020	1216.16	0.173
38	4.916		0.0000	0.000	27731.2	1.751	BB	0.039	11885.02	1.693
39	5.010		0.0000	0.000	650.4	0.041	BB	0.020	540.38	0.077
40	5.069		0.0000	0.000	24400.7	1.540	BB	0.044	9309.82	1.326
41	5.283		0.0000	0.000	3963.3	0.250	BB	0.059	1111.93	0.158
42	5.367		0.0000	0.000	4113.9	0.260	BB	0.026	2682.68	0.382
43	5.479		0.0000	0.000	23604.0	1.490	BB	0.042	9348.82	1.331
44	5.514		0.0000	0.000	3039.2	0.192	BB	0.026	1918.43	0.273
45	5.594		0.0000	0.000	54359.4	3.432	BB	0.037	24803.05	3.532
46	5.689		0.0000	0.000	442.4	0.028	BB	0.017	437.02	0.062
47	5.728		0.0000	0.000	6648.6	0.420	BB	0.026	4235.20	0.603
48	5.789		0.0000	0.000	63660.0	4.019	BB	0.037	28836.23	4.107
49	5.934		0.0000	0.000	99345.6	6.272	BB	0.049	33850.32	4.821
50	6.060		0.0000	0.000	5842.9	0.369	BB	0.023	4205.25	0.599
51	6.107		0.0000	0.000	30937.2	1.953	BB	0.027	19302.78	2.749
52	6.150		0.0000	0.000	15959.2	1.007	BB	0.023	11335.67	1.614
53	6.200		0.0000	0.000	9837.6	0.621	BB	0.024	6835.85	0.974
54	6.334		0.0000	0.000	8322.6	0.525	BB	0.033	4175.54	0.595
55	6.403		0.0000	0.000	47417.7	2.993	BB	0.037	21114.11	3.007
56	6.501		0.0000	0.000	14985.6	0.946	BB	0.028	9042.70	1.288
57	6.545		0.0000	0.000	2153.1	0.136	BB	0.018	2010.96	0.286
58	6.580		0.0000	0.000	1892.2	0.119	BB	0.019	1664.20	0.237
59	6.654		0.0000	0.000	101108.3	6.383	BB	0.037	44971.44	6.404
60	6.751		0.0000	0.000	1286.4	0.081	BB	0.023	921.65	0.131
61	6.860		0.0000	0.000	75.9	0.005	BB	0.020	64.22	0.009
62	6.940		0.0000	0.000	17016.7	1.074	BB	0.028	10194.66	1.452

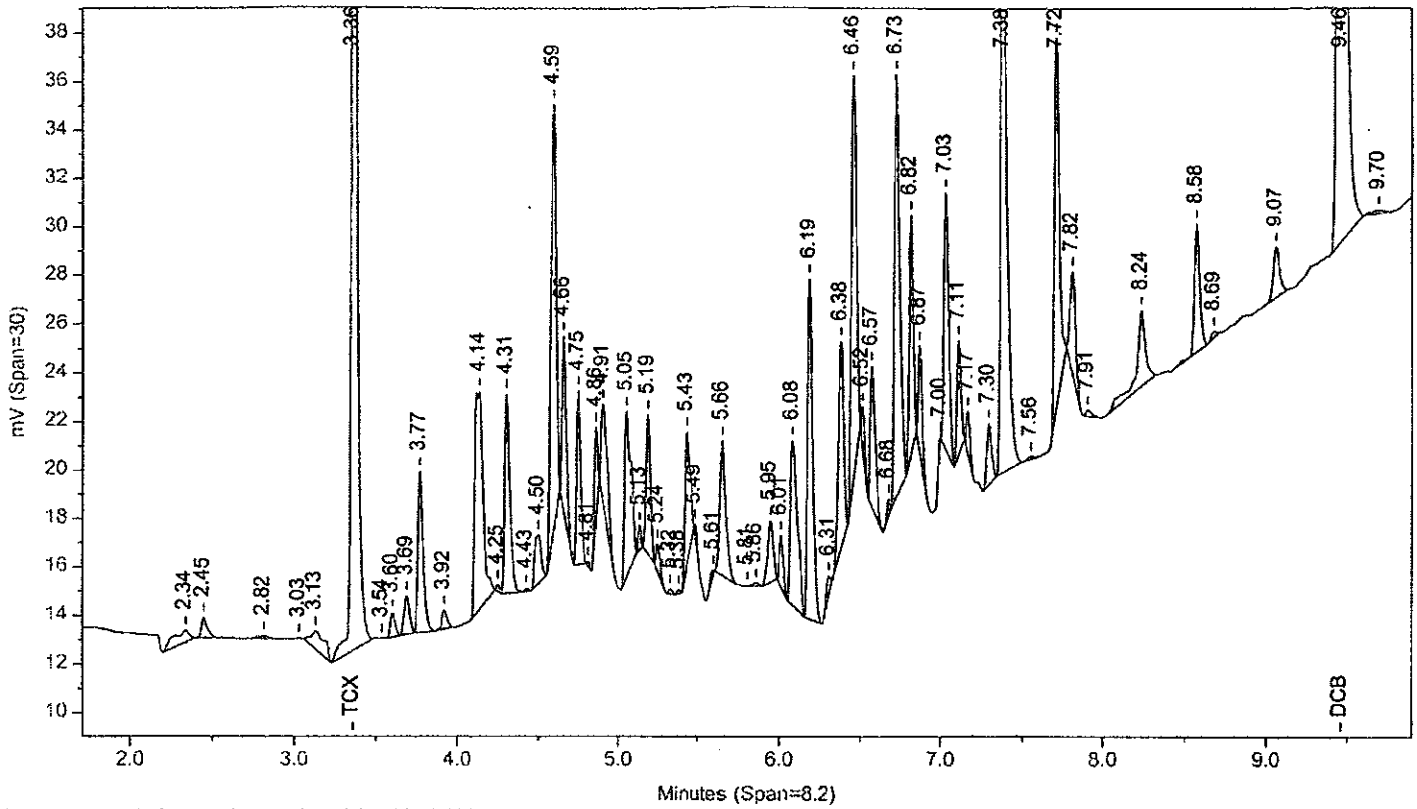
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.999		0.0000	0.000	69833.1	4.408	BB	0.036	32417.46	4.617
64	7.158		0.0000	0.000	1049.8	0.066	BB	0.037	479.23	0.068
65	7.222		0.0000	0.000	1228.7	0.078	BB	0.028	719.77	0.103
66*	7.281		0.0000	0.000	831.1	0.052	BB	0.026	542.43	0.077
67	7.327		0.0000	0.000	3051.9	0.193	BB	0.043	1175.21	0.167
68	7.402		0.0000	0.000	12018.9	0.759	BB	0.037	5455.33	0.777
69	7.494		0.0000	0.000	73.6	0.005	BB	0.021	58.22	0.008
70	7.571		0.0000	0.000	40931.3	2.584	BB	0.045	15280.48	2.176
71	7.760		0.0000	0.000	211.2	0.013	BB	0.049	71.77	0.010
72	7.776		0.0000	0.000	52.2	0.003	BB	0.014	63.24	0.009
73	7.809		0.0000	0.000	67.6	0.004	BB	0.013	83.50	0.012
74	7.877		0.0000	0.000	57.0	0.004	BB	0.017	54.91	0.008
75	7.930		0.0000	0.000	10883.3	0.687	BB	0.036	5057.58	0.720
76	8.077		0.0000	0.000	1397.3	0.088	BB	0.052	445.72	0.063
77	8.193		0.0000	0.000	103.1	0.007	BB	0.030	57.52	0.008
78	8.257	DCB	21.8033	50.546	281351.3	17.761	BB	0.047	100279.60	14.281
79	8.510		0.0000	0.000	119.2	0.008	BB	0.037	53.60	0.008
80	8.544		0.0000	0.000	34.4	0.002	BB	0.014	40.15	0.006
81	8.643		0.0000	0.000	502.6	0.032	BB	0.081	103.58	0.015
82	8.676		0.0000	0.000	147.4	0.009	BB	0.023	106.85	0.015
83	8.727		0.0000	0.000	36.6	0.002	BB	0.009	64.32	0.009
84	8.760		0.0000	0.000	35.0	0.002	BB	0.012	48.47	0.007
85	8.793		0.0000	0.000	23.6	0.001	BB	0.008	51.35	0.007
86	8.810		0.0000	0.000	20.2	0.001	BB	0.009	39.43	0.006
87	8.843		0.0000	0.000	68.5	0.004	BB	0.017	65.42	0.009
88	8.876		0.0000	0.000	36.0	0.002	BB	0.017	36.12	0.005
89	8.909		0.0000	0.000	257.5	0.016	BB	0.036	117.59	0.017
90	8.977		0.0000	0.000	25.9	0.002	BB	0.012	34.97	0.005
91	9.094		0.0000	0.000	1747.1	0.110	BB	0.079	366.73	0.052
92	9.176		0.0000	0.000	92.2	0.006	BB	0.032	48.57	0.007
93	9.226		0.0000	0.000	360.9	0.023	BB	0.031	192.86	0.027
94	9.276		0.0000	0.000	429.9	0.027	BB	0.031	232.94	0.033
95	9.344		0.0000	0.000	21.8	0.001	BB	0.008	47.74	0.007
96	9.443		0.0000	0.000	1001.9	0.063	BB	0.055	302.63	0.043
97	9.477		0.0000	0.000	23.3	0.001	BB	0.009	41.78	0.006
98	9.526		0.0000	0.000	16.1	0.001	BB	0.009	31.50	0.004
99	9.560		0.0000	0.000	402.3	0.025	BB	0.036	187.85	0.027
100	9.627		0.0000	0.000	27.7	0.002	BB	0.009	51.51	0.007
101	9.644		0.0000	0.000	18.5	0.001	BB	0.011	29.37	0.004
102	9.660		0.0000	0.000	83.8	0.005	BB	0.016	86.17	0.012
103	9.711		0.0000	0.000	25.9	0.002	BB	0.010	44.05	0.006
104	9.726		0.0000	0.000	47.5	0.003	BB	0.012	64.65	0.009
105	9.793		0.0000	0.000	2285.5	0.144	BB	0.169	224.87	0.032
106	9.927		0.0000	0.000	5846.9	0.369	BB	0.076	1282.82	0.183
107	9.960		0.0000	0.000	15.0	0.001	BB	0.008	33.33	0.005
108	9.993		0.0000	0.000	42.6	0.003	BB	0.019	37.58	0.005

Total Area = 1584063.0, Total Amount = 43.136, Total Height = 702188.9, Sample Units = ug/l

ASX84 8981

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.10R

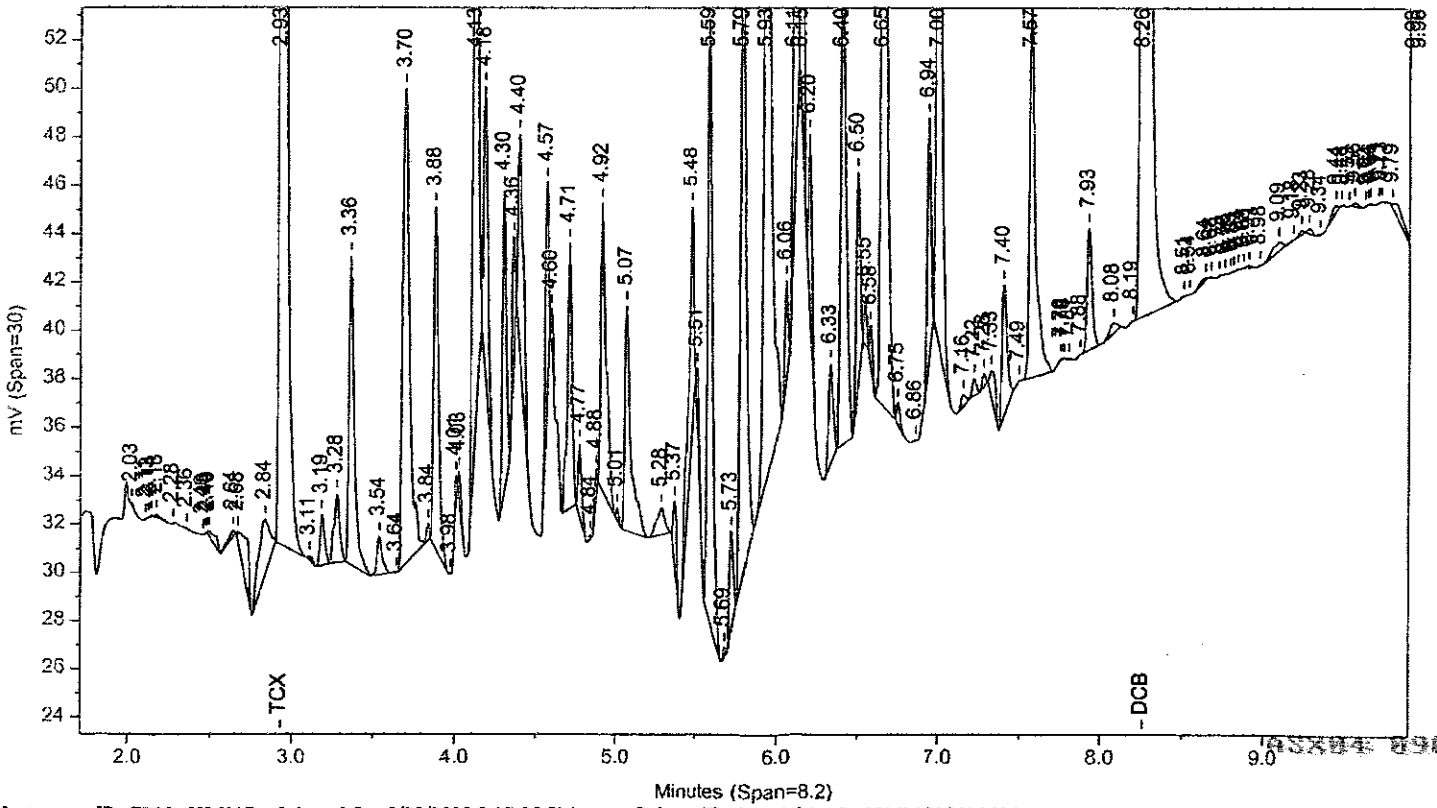
C:\CPWIN\DATA1\1P2235.10R



Instrument ID: CP02–H2601A Injected On: 8/23/2008 2:17:25 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.10R

C:\CPWIN\DATA1\1P2235B.10R



Instrument ID: CP02–H2601B Injected On: 8/23/2008 2:17:25 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

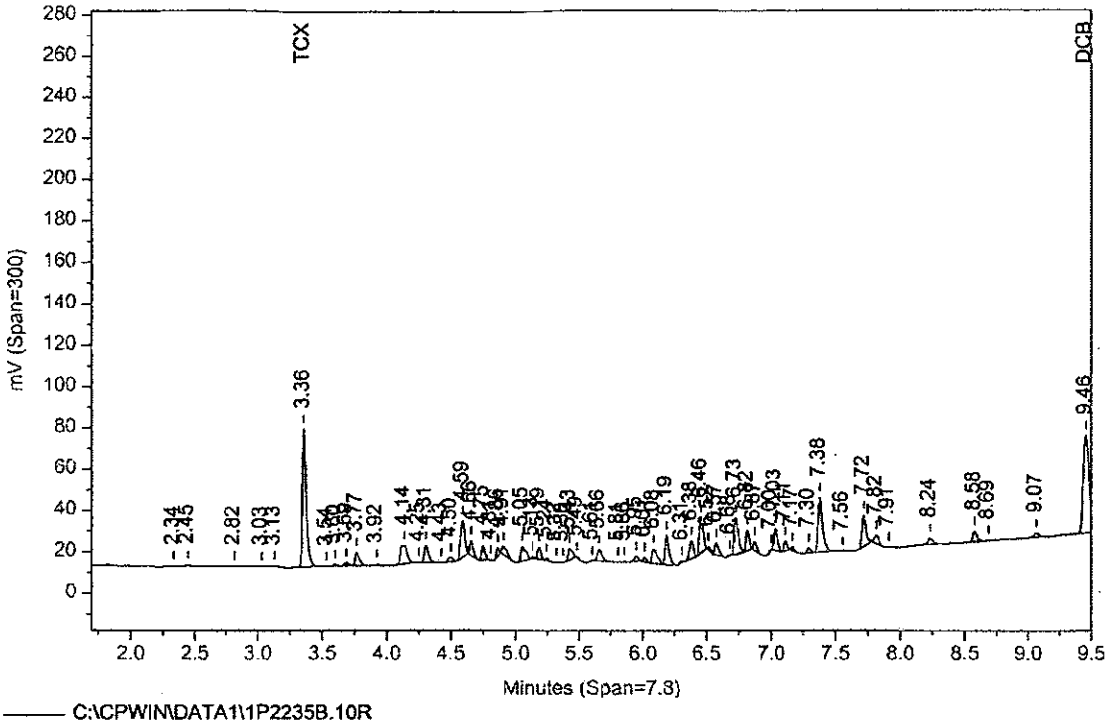
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	67085	21.03835	TCX	2.934	113646	21.33271	TCX
9.46	47189	20.64019	DCB	8.257	100280	21.80333	DCB

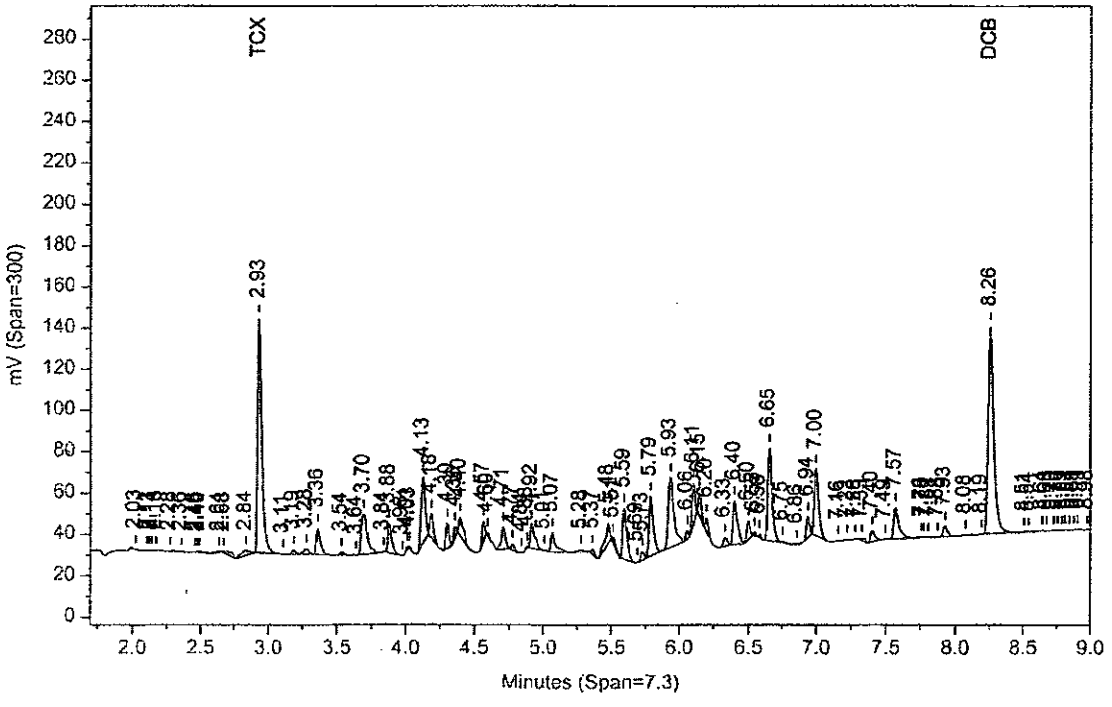
Files:
Area File: C:\CPWIN\DATA1\1P2235.10A
Area File: C:\CPWIN\DATA1\1P2235B.10A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:32:16 AM
File Reported On: 8/25/2008 at 11:32:27 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.10R



C:\CPWIN\DATA1\1P2235B.10R



Calibration file name: **C:\CPWIN\DATA1\1P2235B.CAL** Version number changed from 15 to 16
Area file name: C:\CPWIN\DATA1\1P2235B.10A
Amount injected = 1 -- Standard injection volume = 1
Calibration Level = 2 -- Replace old values with new
Updating both responses and retention times
Updated at 8/25/2008 11:32:

Component Name	Old Ret. time	Measured Ret. time	New Ret. time	Old Response	Measured Response	New Response	Avg CF Slope	% RSD of slope	Average % error
TCX	2.935	2.934	2.934	113646.3	113646.3	113646.3	5327.325	4.54	3.42
DCB	8.259	8.257	8.257	100279.6	100279.6	100279.6	4599.281	12.03	9.76

ASX04 0985

Sample Name: **AR1630824A AAAR163AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 02:41:51pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.11R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.052		0.0000	0.000	99.4	0.006	BB	0.063	26.22	0.004
2	2.162		0.0000	0.000	65.4	0.004	BB	0.023	47.91	0.006
3	2.249		0.0000	0.000	197.6	0.011	BB	0.040	82.27	0.011
4	2.331		0.0000	0.000	984.2	0.056	BB	0.035	463.70	0.062
5	2.442		0.0000	0.000	300.7	0.017	BB	0.024	206.67	0.028
6	2.594		0.0000	0.000	58.4	0.003	BB	0.043	22.69	0.003
7	2.698		0.0000	0.000	138.0	0.008	BB	0.057	40.63	0.005
8	2.810		0.0000	0.000	484.1	0.028	BB	0.051	159.75	0.022
9	3.027		0.0000	0.000	73.9	0.004	BB	0.026	47.39	0.006
10	3.129		0.0000	0.000	4390.4	0.252	BB	0.074	983.90	0.133
11	3.355	TCX	42.2317	50.777	273600.8	15.699	BB	0.034	134665.20	18.145
12	3.597		0.0000	0.000	4218.6	0.242	BB	0.035	2037.02	0.274
13	3.686		0.0000	0.000	7402.1	0.425	BB	0.038	3208.55	0.432
14	3.765		0.0000	0.000	29066.4	1.668	BB	0.037	13042.42	1.757
15	3.880		0.0000	0.000	68.0	0.004	BB	0.017	65.85	0.009
16	3.916		0.0000	0.000	3279.2	0.188	BB	0.036	1526.10	0.206
17	4.117		0.0000	0.000	6951.1	0.399	BB	0.028	4191.49	0.565
18	4.135		0.0000	0.000	4496.4	0.258	BB	0.023	3247.34	0.438
19	4.246		0.0000	0.000	689.2	0.040	BB	0.019	600.81	0.081
20	4.300		0.0000	0.000	34448.4	1.977	BB	0.036	15782.59	2.127
21	4.421		0.0000	0.000	375.6	0.022	BB	0.024	260.55	0.035
22	4.498		0.0000	0.000	12432.4	0.713	BB	0.049	4264.58	0.575
23	4.591		0.0000	0.000	80874.3	4.641	BB	0.038	35703.10	4.811
24	4.653		0.0000	0.000	24922.2	1.430	BB	0.030	14068.47	1.896
25	4.745		0.0000	0.000	25913.0	1.487	BB	0.030	14196.61	1.913
26	4.806		0.0000	0.000	468.5	0.027	BB	0.017	460.80	0.062
27	4.858		0.0000	0.000	10807.6	0.620	BB	0.024	7646.71	1.030
28	4.901		0.0000	0.000	23551.7	1.351	BB	0.048	8189.81	1.104
29	5.048		0.0000	0.000	38396.4	2.203	BB	0.046	13781.33	1.857
30	5.131		0.0000	0.000	2243.2	0.129	BB	0.018	2040.76	0.275
31	5.182		0.0000	0.000	20773.8	1.192	BB	0.030	11467.79	1.545
32	5.239		0.0000	0.000	3326.3	0.191	BB	0.024	2292.97	0.309
33	5.313		0.0000	0.000	420.0	0.024	BB	0.023	304.12	0.041
34	5.373		0.0000	0.000	564.8	0.032	BB	0.023	409.24	0.055
35	5.425		0.0000	0.000	48918.0	2.807	BB	0.062	13188.24	1.777
36	5.594		0.0000	0.000	1343.8	0.077	BB	0.027	843.46	0.114
37	5.654		0.0000	0.000	26027.6	1.493	BB	0.040	10893.84	1.468
38	5.794		0.0000	0.000	44.4	0.003	BB	0.025	29.46	0.004
39	5.850		0.0000	0.000	574.5	0.033	BB	0.032	300.25	0.040
40	5.943		0.0000	0.000	11339.9	0.651	BB	0.038	4973.40	0.670
41	6.006		0.0000	0.000	7128.7	0.409	BB	0.029	4151.95	0.559
42	6.077		0.0000	0.000	39883.0	2.289	BB	0.049	13571.02	1.829
43	6.181		0.0000	0.000	61828.1	3.548	BB	0.038	27237.31	3.670
44	6.302		0.0000	0.000	3751.2	0.215	BB	0.033	1869.31	0.252
45	6.381		0.0000	0.000	20743.1	1.190	BB	0.034	10175.37	1.371
46	6.454		0.0000	0.000	70099.8	4.022	BB	0.037	31984.02	4.310
47	6.510		0.0000	0.000	4088.8	0.235	BB	0.022	3139.78	0.423
48	6.570		0.0000	0.000	25055.5	1.438	BB	0.036	11456.33	1.544
49	6.674		0.0000	0.000	2095.0	0.120	BB	0.023	1493.05	0.201
50	6.721		0.0000	0.000	76770.1	4.405	BB	0.037	35010.94	4.718
51	6.810		0.0000	0.000	33821.1	1.941	BB	0.029	19268.19	2.596
52	6.866		0.0000	0.000	14034.9	0.805	BB	0.027	8727.76	1.176
53	6.997		0.0000	0.000	1871.8	0.107	BB	0.050	622.65	0.084
54	7.028		0.0000	0.000	42213.5	2.422	BB	0.034	20820.03	2.805
55	7.108		0.0000	0.000	15372.7	0.882	BB	0.029	8949.79	1.206
56	7.162		0.0000	0.000	5255.5	0.302	BB	0.024	3644.99	0.491
57	7.291		0.0000	0.000	10868.4	0.624	BB	0.035	5152.50	0.694
58	7.377		0.0000	0.000	133642.5	7.668	BB	0.041	53846.45	7.255
59	7.713		0.0000	0.000	64578.4	3.706	BB	0.036	29646.29	3.995
60	7.812		0.0000	0.000	18173.9	1.043	BB	0.037	8259.49	1.113
61	8.065		0.0000	0.000	787.6	0.045	BB	0.032	405.75	0.055
62	8.224		0.0000	0.000	17905.2	1.027	BB	0.050	5976.42	0.805

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.372		0.0000	0.000	165.3	0.009	BB	0.045	60.69	0.008
64	8.569		0.0000	0.000	32212.7	1.848	BB	0.043	12499.45	1.684
65	8.670		0.0000	0.000	1180.8	0.068	BB	0.036	551.82	0.074
66	9.053		0.0000	0.000	11687.2	0.671	BB	0.047	4185.24	0.564
67	9.339		0.0000	0.000	1049.6	0.060	BB	0.271	64.58	0.009
68	9.448	DCB	40.9387	49.223	322143.0	18.485	BB	0.057	93597.52	12.612
69	9.702		0.0000	0.000	13.9	0.001	BB	0.016	14.67	0.002

Total Area = 1742751.0, Total Amount = 83.17, Total Height = 742147.4, Sample Units = ug/l

Sample Name: **AR1630824A AAAR163AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 02:41:51pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.11R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.024		0.0000	0.000	1308.3	0.044	BB	0.030	718.37	0.055
2	2.139		0.0000	0.000	141.8	0.005	BB	0.024	99.46	0.008
3	2.173		0.0000	0.000	398.8	0.013	BB	0.026	251.40	0.019
4	2.306		0.0000	0.000	279.3	0.009	BB	0.037	126.24	0.010
5	2.406		0.0000	0.000	143.6	0.005	BB	0.021	114.10	0.009
6	2.489		0.0000	0.000	784.9	0.026	BB	0.039	335.14	0.025
7	2.590		0.0000	0.000	18.0	0.001	BB	0.006	51.39	0.004
8	2.624		0.0000	0.000	21.5	0.001	BB	0.008	46.66	0.004
9	2.689		0.0000	0.000	3969.7	0.134	BB	0.081	815.82	0.062
10	2.834		0.0000	0.000	11194.0	0.377	BB	0.056	3315.04	0.252
11	2.931	TCX	40.7206	50.970	484791.8	16.321	BB	0.037	216931.80	16.496
12	3.106		0.0000	0.000	172.8	0.006	BB	0.024	121.92	0.009
13	3.185		0.0000	0.000	7675.1	0.258	BB	0.031	4105.34	0.312
14	3.276		0.0000	0.000	14179.0	0.477	BB	0.042	5634.94	0.428
15	3.359		0.0000	0.000	54014.6	1.818	BB	0.037	24008.62	1.826
16	3.533		0.0000	0.000	7166.3	0.241	BB	0.038	3132.08	0.238
17	3.693		0.0000	0.000	114865.0	3.867	BB	0.052	36468.80	2.773
18	3.834		0.0000	0.000	1258.6	0.042	BB	0.018	1173.48	0.089
19	3.877		0.0000	0.000	59911.0	2.017	BB	0.037	27339.01	2.079
20	3.972		0.0000	0.000	81.8	0.003	BB	0.009	159.64	0.012
21	4.007		0.0000	0.000	3018.5	0.102	BB	0.023	2149.14	0.163
22	4.024		0.0000	0.000	2354.9	0.079	BB	0.020	1986.37	0.151
23	4.123		0.0000	0.000	129542.6	4.361	BB	0.035	60978.34	4.637
24	4.181		0.0000	0.000	39035.7	1.314	BB	0.031	20889.22	1.588
25	4.299		0.0000	0.000	40742.8	1.372	BB	0.028	24510.69	1.864
26	4.357		0.0000	0.000	13672.0	0.460	BB	0.022	10427.74	0.793
27	4.392		0.0000	0.000	36851.7	1.241	BB	0.038	15968.55	1.214
28	4.564		0.0000	0.000	56540.2	1.903	BB	0.039	24054.84	1.829
29	4.629		0.0000	0.000	3953.9	0.133	BB	0.017	3829.69	0.291
30	4.705		0.0000	0.000	42060.6	1.416	BB	0.034	20671.52	1.572
31	4.770		0.0000	0.000	8911.6	0.300	BB	0.026	5690.75	0.433
32	4.840		0.0000	0.000	321.9	0.011	BB	0.015	369.97	0.028
33	4.877		0.0000	0.000	3531.5	0.119	BB	0.020	2924.53	0.222
34	4.914		0.0000	0.000	53128.3	1.789	BB	0.040	22369.02	1.701
35	5.007		0.0000	0.000	1329.7	0.045	BB	0.020	1115.77	0.085
36	5.066		0.0000	0.000	35698.9	1.202	BB	0.034	17453.12	1.327
37	5.138		0.0000	0.000	860.0	0.029	BB	0.028	503.36	0.038
38	5.282		0.0000	0.000	4267.1	0.144	BB	0.055	1304.49	0.099
39	5.366		0.0000	0.000	5456.4	0.184	BB	0.027	3359.46	0.255
40	5.475		0.0000	0.000	38175.1	1.285	BB	0.037	17202.35	1.308
41	5.510		0.0000	0.000	5219.1	0.176	BB	0.025	3459.88	0.263
42	5.590		0.0000	0.000	103412.4	3.481	BB	0.038	45897.23	3.490
43	5.684		0.0000	0.000	943.7	0.032	BB	0.016	993.79	0.076
44	5.724		0.0000	0.000	13223.8	0.445	BB	0.027	8241.08	0.627
45	5.784		0.0000	0.000	123376.5	4.154	BB	0.038	54046.23	4.110
46	5.930		0.0000	0.000	126860.5	4.271	BB	0.039	54286.29	4.128
47	5.998		0.0000	0.000	2148.7	0.072	BB	0.019	1870.03	0.142
48	6.055		0.0000	0.000	11548.8	0.389	BB	0.023	8424.54	0.641
49	6.103		0.0000	0.000	57095.0	1.922	BB	0.027	35624.76	2.709
50	6.145		0.0000	0.000	30860.7	1.039	BB	0.023	22085.44	1.679
51	6.197		0.0000	0.000	19553.4	0.658	BB	0.025	13256.43	1.008
52	6.331		0.0000	0.000	14172.0	0.477	BB	0.032	7346.04	0.559
53	6.401		0.0000	0.000	93537.6	3.149	BB	0.038	40884.51	3.109
54	6.496		0.0000	0.000	27786.4	0.935	BB	0.027	17042.00	1.296
55	6.540		0.0000	0.000	4303.6	0.145	BB	0.017	4112.55	0.313
56	6.576		0.0000	0.000	4509.8	0.152	BB	0.020	3787.25	0.288
57	6.650		0.0000	0.000	196505.5	6.615	BB	0.037	87348.09	6.642
58	6.747		0.0000	0.000	2987.5	0.101	BB	0.024	2110.24	0.160
59	6.935		0.0000	0.000	32823.3	1.105	BB	0.029	19114.15	1.453
60	6.997		0.0000	0.000	139814.7	4.707	BB	0.037	62709.20	4.769
61	7.219		0.0000	0.000	1831.0	0.062	BB	0.031	996.47	0.076
62	7.274		0.0000	0.000	1666.2	0.056	BB	0.024	1153.14	0.088

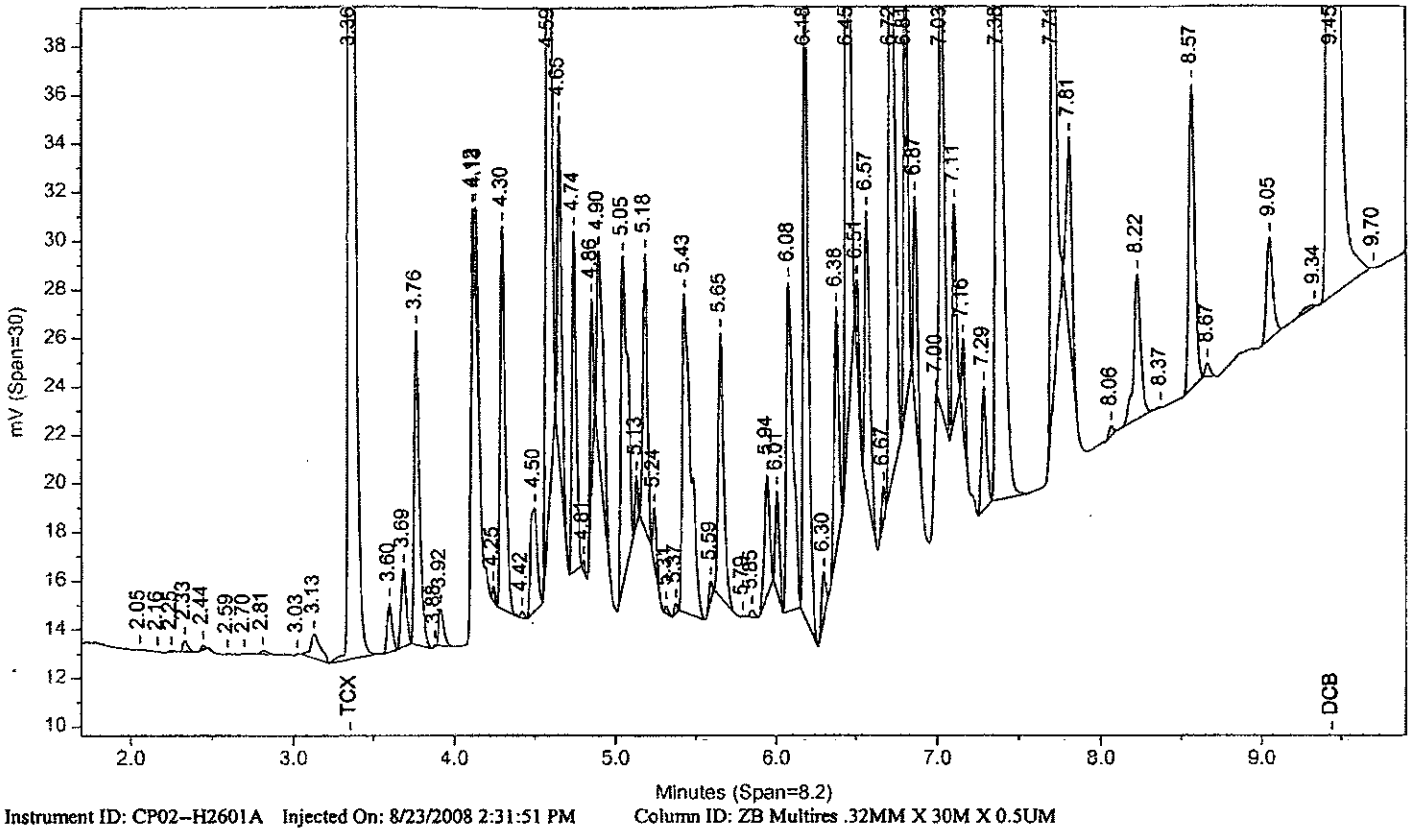
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.318		0.0000	0.000	2005.9	0.068	BB	0.039	854.85	0.065
64	7.394		0.0000	0.000	22742.8	0.766	BB	0.035	10786.00	0.820
65	7.490		0.0000	0.000	23.9	0.001	BB	0.007	55.28	0.004
66	7.508		0.0000	0.000	42.8	0.001	BB	0.012	61.74	0.005
67	7.565		0.0000	0.000	73468.3	2.473	BB	0.042	29363.85	2.233
68	7.690		0.0000	0.000	28.7	0.001	BB	0.008	58.34	0.004
69	7.723		0.0000	0.000	238.2	0.008	BB	0.027	144.86	0.011
70	7.807		0.0000	0.000	25.8	0.001	BB	0.008	53.48	0.004
71	7.823		0.0000	0.000	30.2	0.001	BB	0.006	77.53	0.006
72	7.873		0.0000	0.000	100.8	0.003	BB	0.025	66.04	0.005
73	7.923		0.0000	0.000	22795.4	0.767	BB	0.038	10126.49	0.770
74	8.024		0.0000	0.000	34.9	0.001	BB	0.011	51.94	0.004
75	8.040		0.0000	0.000	36.7	0.001	BB	0.009	65.58	0.005
76	8.057		0.0000	0.000	291.5	0.010	BB	0.031	155.78	0.012
77	8.173		0.0000	0.000	59.0	0.002	BB	0.018	54.56	0.004
78	8.190		0.0000	0.000	19.5	0.001	BB	0.005	60.17	0.005
79	8.249	DCB	39.1706	49.030	543042.1	18.282	BB	0.050	180156.60	13.699
80	8.540		0.0000	0.000	28.1	0.001	BB	0.008	59.50	0.005
81	8.557		0.0000	0.000	39.3	0.001	BB	0.010	65.89	0.005
82	8.574		0.0000	0.000	40.9	0.001	BB	0.011	64.39	0.005
83	8.622		0.0000	0.000	2042.5	0.069	BB	0.054	629.03	0.048
84	8.723		0.0000	0.000	32.9	0.001	BB	0.008	69.69	0.005
85	8.757		0.0000	0.000	21.9	0.001	BB	0.007	49.19	0.004
86	8.773		0.0000	0.000	28.1	0.001	BB	0.007	66.09	0.005
87	8.790		0.0000	0.000	27.0	0.001	BB	0.008	54.30	0.004
88	8.806		0.0000	0.000	34.4	0.001	BB	0.008	68.59	0.005
89	8.823		0.0000	0.000	64.2	0.002	BB	0.014	76.72	0.006
90	8.873		0.0000	0.000	21.2	0.001	BB	0.007	51.10	0.004
91	8.907		0.0000	0.000	27.9	0.001	BB	0.008	59.67	0.005
92	8.924		0.0000	0.000	33.6	0.001	BB	0.011	50.55	0.004
93	8.940		0.0000	0.000	36.3	0.001	BB	0.009	65.82	0.005
94	8.956		0.0000	0.000	32.3	0.001	BB	0.009	57.15	0.004
95	9.007		0.0000	0.000	34.0	0.001	BB	0.009	59.92	0.005
96	9.023		0.0000	0.000	50.6	0.002	BB	0.010	87.15	0.007
97	9.056		0.0000	0.000	190.0	0.006	BB	0.027	119.08	0.009
98	9.091		0.0000	0.000	20.5	0.001	BB	0.006	53.99	0.004
99	9.107		0.0000	0.000	38.4	0.001	BB	0.009	72.64	0.006
100	9.123		0.0000	0.000	39.0	0.001	BB	0.007	91.72	0.007
101	9.140		0.0000	0.000	34.3	0.001	BB	0.009	61.80	0.005
102	9.157		0.0000	0.000	30.1	0.001	BB	0.009	57.46	0.004
103	9.173		0.0000	0.000	57.2	0.002	BB	0.010	92.12	0.007
104	9.206		0.0000	0.000	144.6	0.005	BB	0.021	113.53	0.009
105	9.256		0.0000	0.000	30.7	0.001	BB	0.007	77.78	0.006
106	9.273		0.0000	0.000	92.0	0.003	BB	0.018	84.74	0.006
107	9.340		0.0000	0.000	27.1	0.001	BB	0.010	44.98	0.003
108	9.357		0.0000	0.000	29.2	0.001	BB	0.007	64.99	0.005
109	9.373		0.0000	0.000	42.4	0.001	BB	0.008	89.65	0.007
110	9.390		0.0000	0.000	42.4	0.001	BB	0.009	76.05	0.006
111	9.407		0.0000	0.000	38.8	0.001	BB	0.010	66.33	0.005
112	9.424		0.0000	0.000	28.8	0.001	BB	0.009	51.83	0.004
113	9.440		0.0000	0.000	41.8	0.001	BB	0.009	79.39	0.006
114	9.457		0.0000	0.000	37.6	0.001	BB	0.008	78.71	0.006
115	9.473		0.0000	0.000	31.6	0.001	BB	0.009	56.18	0.004
116	9.506		0.0000	0.000	41.2	0.001	BB	0.008	85.38	0.006
117	9.524		0.0000	0.000	36.4	0.001	BB	0.008	76.05	0.006
118	9.573		0.0000	0.000	198.3	0.007	BB	0.032	102.70	0.008
119	9.607		0.0000	0.000	41.6	0.001	BB	0.009	80.64	0.006
120	9.640		0.0000	0.000	22.9	0.001	BB	0.006	68.31	0.005
121	9.673		0.0000	0.000	142.5	0.005	BB	0.024	97.30	0.007
122	9.707		0.0000	0.000	21.3	0.001	BB	0.007	52.40	0.004
123	9.723		0.0000	0.000	29.1	0.001	BB	0.008	60.56	0.005
124	9.739		0.0000	0.000	72.0	0.002	BB	0.016	72.73	0.006
125	9.773		0.0000	0.000	75.3	0.003	BB	0.015	85.98	0.007
126	9.924		0.0000	0.000	5058.9	0.170	BB	0.058	1444.78	0.110
127	9.939		0.0000	0.000	90.9	0.003	BB	0.018	81.95	0.006

Total Area = 2970418.0, Total Amount = 79.891, Total Height = 1315067.0, Sample Units = ug/l

ASX04 0989

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.11R

C:\CPWIN\DATA1\1P2235.11R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 2:31:51 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.11R

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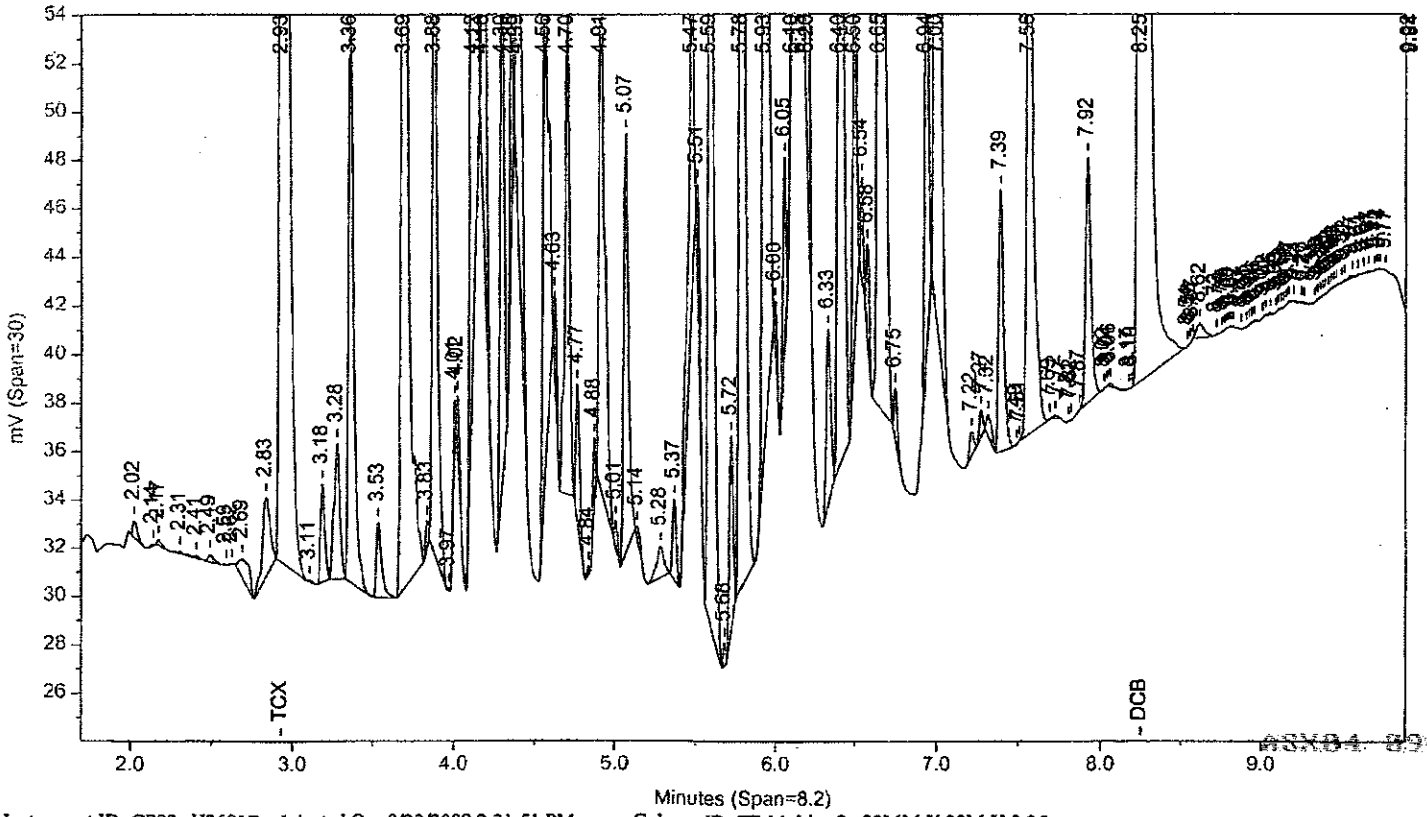


Instrument ID: CP02--H2601B Injected On: 8/23/2008 2:31:51 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

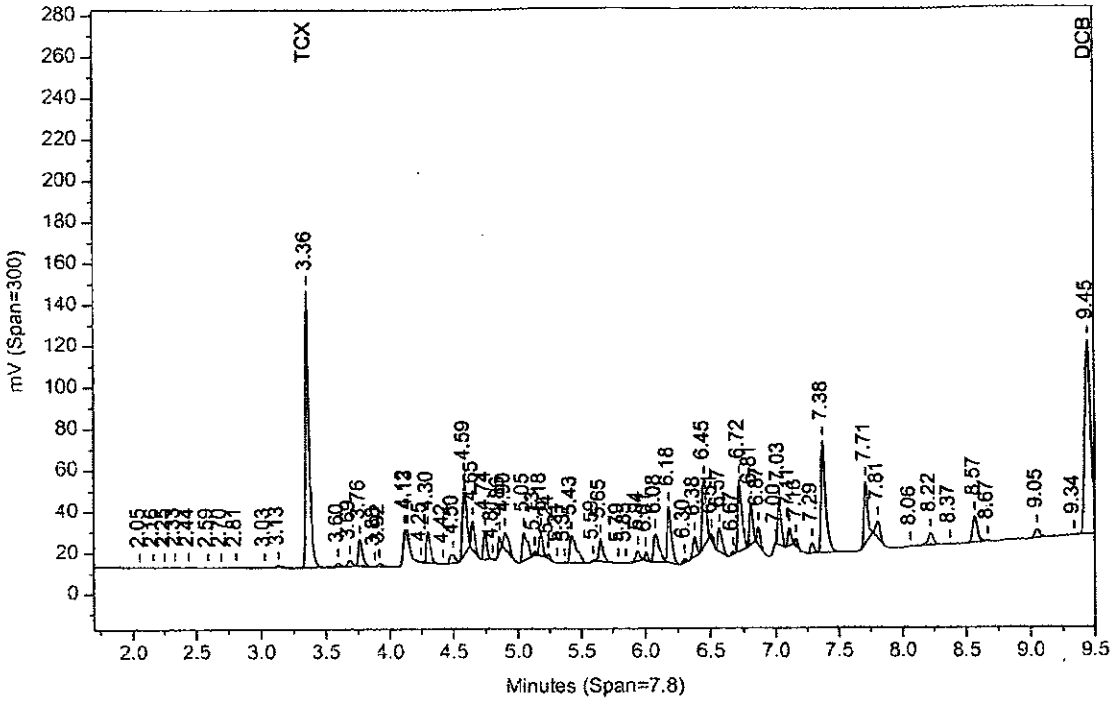
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	134665	42.23171	TCX	2.931	216932	40.72059	TCX
9.448	93598	40.93868	DCB	8.249	180157	39.1706	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.11A
Area File: C:\CPWIN\DATA1\1P2235B.11A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:32:38 AM
File Reported On: 8/25/2008 at 11:32:47 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.11R



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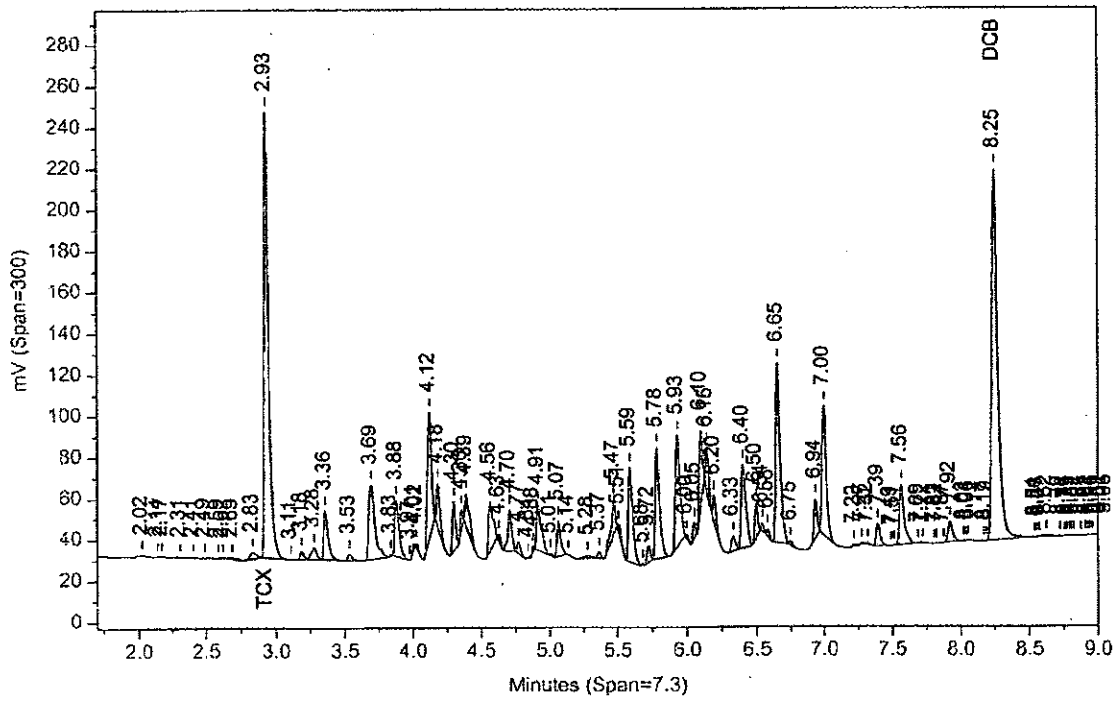


Sample Name: **AR1640824A AAAR164AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 02:56:20pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.12R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.161		0.0000	0.000	262.8	0.007	BB	0.030	146.45	0.009
2	2.259		0.0000	0.000	385.9	0.010	BB	0.063	101.37	0.006
3	2.333		0.0000	0.000	1497.8	0.039	BB	0.036	701.70	0.043
4	2.444		0.0000	0.000	3709.1	0.097	BB	0.042	1470.84	0.090
5	2.600		0.0000	0.000	73.0	0.002	BB	0.037	32.77	0.002
6	2.813		0.0000	0.000	1112.2	0.029	BB	0.044	419.00	0.025
7	2.948		0.0000	0.000	28.3	0.001	BB	0.027	17.40	0.001
8	3.025		0.0000	0.000	57.3	0.001	BB	0.028	33.81	0.002
9	3.133		0.0000	0.000	6483.1	0.169	BB	0.091	1190.84	0.072
10	3.359	TCX	60.4384	51.498	405452.6	10.561	BB	0.035	192721.40	11.729
11	3.600		0.0000	0.000	11610.0	0.302	BB	0.035	5532.12	0.337
12	3.691		0.0000	0.000	16340.2	0.426	BB	0.036	7503.90	0.457
13	3.768		0.0000	0.000	74625.4	1.944	BB	0.037	33449.11	2.036
14	3.882		0.0000	0.000	60.8	0.002	BB	0.013	75.11	0.005
15	3.920		0.0000	0.000	9535.2	0.248	BB	0.038	4211.89	0.256
16	4.118		0.0000	0.000	19173.9	0.499	BB	0.020	15887.96	0.967
17	4.138		0.0000	0.000	10431.7	0.272	BB	0.021	8377.87	0.510
18	4.249		0.0000	0.000	1824.4	0.048	BB	0.019	1633.50	0.099
19	4.304		0.0000	0.000	91511.0	2.384	BB	0.037	40887.75	2.488
20	4.425		0.0000	0.000	1065.1	0.028	BB	0.024	737.06	0.045
21	4.502		0.0000	0.000	33774.0	0.880	BB	0.048	11801.71	0.718
22	4.592		0.0000	0.000	210703.9	5.488	BB	0.038	92754.13	5.645
23	4.654		0.0000	0.000	62113.9	1.618	BB	0.029	35626.17	2.168
24	4.748		0.0000	0.000	69738.3	1.816	BB	0.030	38324.32	2.332
25	4.807		0.0000	0.000	987.9	0.026	BB	0.017	949.83	0.058
26	4.859		0.0000	0.000	27274.7	0.710	BB	0.024	18889.48	1.150
27	4.902		0.0000	0.000	59221.8	1.543	BB	0.047	20840.48	1.268
28	5.050		0.0000	0.000	99016.0	2.579	BB	0.047	35384.98	2.153
29	5.133		0.0000	0.000	5826.7	0.152	BB	0.018	5326.11	0.324
30	5.184		0.0000	0.000	54590.5	1.422	BB	0.031	29349.45	1.786
31	5.243		0.0000	0.000	8939.1	0.233	BB	0.024	6104.79	0.372
32	5.317		0.0000	0.000	1135.5	0.030	BB	0.023	815.84	0.050
33	5.376		0.0000	0.000	1624.4	0.042	BB	0.024	1136.59	0.069
34	5.428		0.0000	0.000	129259.9	3.367	BB	0.063	34038.41	2.072
35	5.597		0.0000	0.000	3422.1	0.089	BB	0.026	2231.57	0.136
36	5.660		0.0000	0.000	69648.5	1.814	BB	0.041	28222.83	1.718
37	5.855		0.0000	0.000	1518.4	0.040	BB	0.031	810.26	0.049
38	5.947		0.0000	0.000	30613.6	0.797	BB	0.038	13471.20	0.820
39	6.012		0.0000	0.000	19388.1	0.505	BB	0.028	11391.87	0.693
40	6.081		0.0000	0.000	104189.2	2.714	BB	0.051	34207.97	2.082
41	6.184		0.0000	0.000	158993.2	4.141	BB	0.038	69793.53	4.247
42	6.305		0.0000	0.000	13163.9	0.343	BB	0.034	6433.81	0.392
43	6.387		0.0000	0.000	30151.0	0.785	BB	0.032	15526.16	0.945
44	6.458		0.0000	0.000	174197.8	4.537	BB	0.037	79507.27	4.839
45	6.514		0.0000	0.000	8556.9	0.223	BB	0.021	6640.39	0.404
46	6.574		0.0000	0.000	67963.6	1.770	BB	0.037	30646.95	1.865
47	6.679		0.0000	0.000	5019.4	0.131	BB	0.023	3670.41	0.223
48	6.726		0.0000	0.000	199772.9	5.203	BB	0.038	88165.75	5.366
49	6.813		0.0000	0.000	81210.9	2.115	BB	0.028	48570.93	2.956
50	6.869		0.0000	0.000	35911.6	0.935	BB	0.027	22311.73	1.358
51	6.998		0.0000	0.000	5718.0	0.149	BB	0.027	3494.02	0.213
52	7.030		0.0000	0.000	109906.1	2.863	BB	0.034	53399.13	3.250
53	7.111		0.0000	0.000	37698.3	0.982	BB	0.027	22909.05	1.394
54	7.163		0.0000	0.000	13637.9	0.355	BB	0.025	9080.46	0.553
55	7.224		0.0000	0.000	829.3	0.022	BB	0.025	546.60	0.033
56	7.294		0.0000	0.000	30471.5	0.794	BB	0.035	14596.82	0.888
57	7.379		0.0000	0.000	357899.1	9.322	BB	0.044	135960.40	8.274
58	7.714		0.0000	0.000	170588.5	4.443	BB	0.036	78812.87	4.796
59	7.813		0.0000	0.000	48517.2	1.264	BB	0.040	20149.08	1.226
60	8.068		0.0000	0.000	3863.4	0.101	BB	0.040	1597.98	0.097
61	8.228		0.0000	0.000	47469.6	1.236	BB	0.051	15578.95	0.948
62	8.448		0.0000	0.000	1128.3	0.029	BB	0.094	199.91	0.012

ASX84 8914

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.571		0.0000	0.000	96823.9	2.522	BB	0.044	36439.81	2.218
64	8.673		0.0000	0.000	3019.6	0.079	BB	0.033	1532.43	0.093
65	9.059		0.0000	0.000	30187.6	0.786	BB	0.047	10602.78	0.645
66	9.453	DCB	56.9232	48.502	458164.3	11.934	BB	0.059	130142.80	7.920
67	9.701		0.0000	0.000	131.9	0.003	BB	0.043	51.02	0.003

Total Area = 3839222.0, Total Amount = 117.362, Total Height = 1643171.0, Sample Units = ug/l

ASX84 8915

Sample Name: **AR1640824A AAAR164AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 02:56:20pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.12R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.021		0.0000	0.000	374.2	0.006	BB	0.019	327.53	0.012
2	2.127		0.0000	0.000	39.3	0.001	BB	0.011	60.84	0.002
3	2.175		0.0000	0.000	1472.7	0.024	BB	0.040	611.18	0.022
4	2.276		0.0000	0.000	250.2	0.004	BB	0.043	97.60	0.004
5	2.359		0.0000	0.000	333.6	0.005	BB	0.034	164.84	0.006
6	2.492		0.0000	0.000	1863.0	0.030	BB	0.040	778.26	0.028
7	2.593		0.0000	0.000	78.4	0.001	BB	0.019	67.17	0.002
8	2.627		0.0000	0.000	14.8	0.000	BB	0.006	41.31	0.001
9	2.642		0.0000	0.000	74.6	0.001	BB	0.014	90.38	0.003
10	2.676		0.0000	0.000	6626.8	0.107	BB	0.238	463.98	0.017
11	2.838		0.0000	0.000	16608.1	0.269	BB	0.069	4013.29	0.145
12	2.934	TCX	57.5535	51.035	706783.2	11.439	BB	0.038	306606.10	11.052
13	3.186		0.0000	0.000	20847.2	0.337	BB	0.032	10815.51	0.390
14	3.280		0.0000	0.000	30674.5	0.496	BB	0.038	13285.71	0.479
15	3.361		0.0000	0.000	135788.9	2.198	BB	0.039	58397.14	2.105
16	3.537		0.0000	0.000	18852.8	0.305	BB	0.038	8230.52	0.297
17	3.696		0.0000	0.000	277333.5	4.489	BB	0.054	85932.00	3.098
18	3.839		0.0000	0.000	2843.9	0.046	BB	0.019	2517.41	0.091
19	3.880		0.0000	0.000	151123.4	2.446	BB	0.038	66756.60	2.406
20	4.011		0.0000	0.000	6818.7	0.110	BB	0.021	5516.21	0.199
21	4.029		0.0000	0.000	6597.2	0.107	BB	0.018	6269.64	0.226
22	4.126		0.0000	0.000	312809.4	5.063	BB	0.035	148901.90	5.368
23	4.183		0.0000	0.000	87398.8	1.415	BB	0.030	47846.80	1.725
24	4.304		0.0000	0.000	105578.6	1.709	BB	0.028	62697.04	2.260
25	4.362		0.0000	0.000	30435.3	0.493	BB	0.021	24495.50	0.883
26	4.396		0.0000	0.000	94529.2	1.530	BB	0.040	39158.44	1.412
27	4.567		0.0000	0.000	60583.0	0.981	BB	0.024	41549.45	1.498
28	4.595		0.0000	0.000	5125.6	0.083	BB	0.012	7258.66	0.262
29	4.630		0.0000	0.000	8597.0	0.139	BB	0.018	7871.37	0.284
30	4.708		0.0000	0.000	105228.5	1.703	BB	0.034	51145.77	1.844
31	4.774		0.0000	0.000	22521.2	0.365	BB	0.027	14016.56	0.505
32	4.843		0.0000	0.000	773.3	0.013	BB	0.015	855.13	0.031
33	4.879		0.0000	0.000	8146.7	0.132	BB	0.021	6510.12	0.235
34	4.915		0.0000	0.000	132855.3	2.150	BB	0.041	54109.76	1.951
35	5.011		0.0000	0.000	3512.3	0.057	BB	0.020	2871.95	0.104
36	5.069		0.0000	0.000	118473.4	1.917	BB	0.045	44198.23	1.593
37	5.287		0.0000	0.000	5590.6	0.090	BB	0.042	2217.01	0.080
38	5.371		0.0000	0.000	14051.0	0.227	BB	0.028	8417.34	0.303
39	5.480		0.0000	0.000	91006.2	1.473	BB	0.038	39950.80	1.440
40	5.516		0.0000	0.000	16100.7	0.261	BB	0.024	11418.75	0.412
41	5.595		0.0000	0.000	251792.6	4.075	BB	0.038	109738.80	3.956
42	5.690		0.0000	0.000	2565.1	0.042	BB	0.016	2727.07	0.098
43	5.730		0.0000	0.000	32283.5	0.523	BB	0.027	20302.12	0.732
44	5.788		0.0000	0.000	302768.4	4.900	BB	0.039	128648.30	4.637
45	5.933		0.0000	0.000	277463.5	4.491	BB	0.038	122767.90	4.425
46	6.005		0.0000	0.000	7437.1	0.120	BB	0.020	6150.45	0.222
47	6.059		0.0000	0.000	29774.8	0.482	BB	0.024	20593.21	0.742
48	6.108		0.0000	0.000	140862.9	2.280	BB	0.026	88699.41	3.197
49	6.150		0.0000	0.000	68739.1	1.113	BB	0.023	50140.82	1.807
50	6.201		0.0000	0.000	50699.4	0.821	BB	0.026	32530.71	1.173
51	6.336		0.0000	0.000	38388.3	0.621	BB	0.033	19334.70	0.697
52	6.406		0.0000	0.000	236656.4	3.830	BB	0.039	101145.50	3.646
53	6.501		0.0000	0.000	65743.7	1.064	BB	0.026	41508.14	1.496
54	6.544		0.0000	0.000	9970.2	0.161	BB	0.017	9683.96	0.349
55	6.580		0.0000	0.000	10580.7	0.171	BB	0.019	9276.45	0.334
56	6.620		0.0000	0.000	333.0	0.005	BB	0.016	345.82	0.012
57	6.655		0.0000	0.000	492303.7	7.968	BB	0.038	214616.40	7.736
58	6.752		0.0000	0.000	6122.8	0.099	BB	0.021	4945.93	0.178
59	6.940		0.0000	0.000	79637.9	1.289	BB	0.028	46911.47	1.691
60	7.000		0.0000	0.000	364443.2	5.899	BB	0.038	159442.10	5.747
61	7.160		0.0000	0.000	37.4	0.001	BB	0.010	59.46	0.002
62	7.219		0.0000	0.000	5886.4	0.095	BB	0.031	3176.27	0.114

ASX04 0916

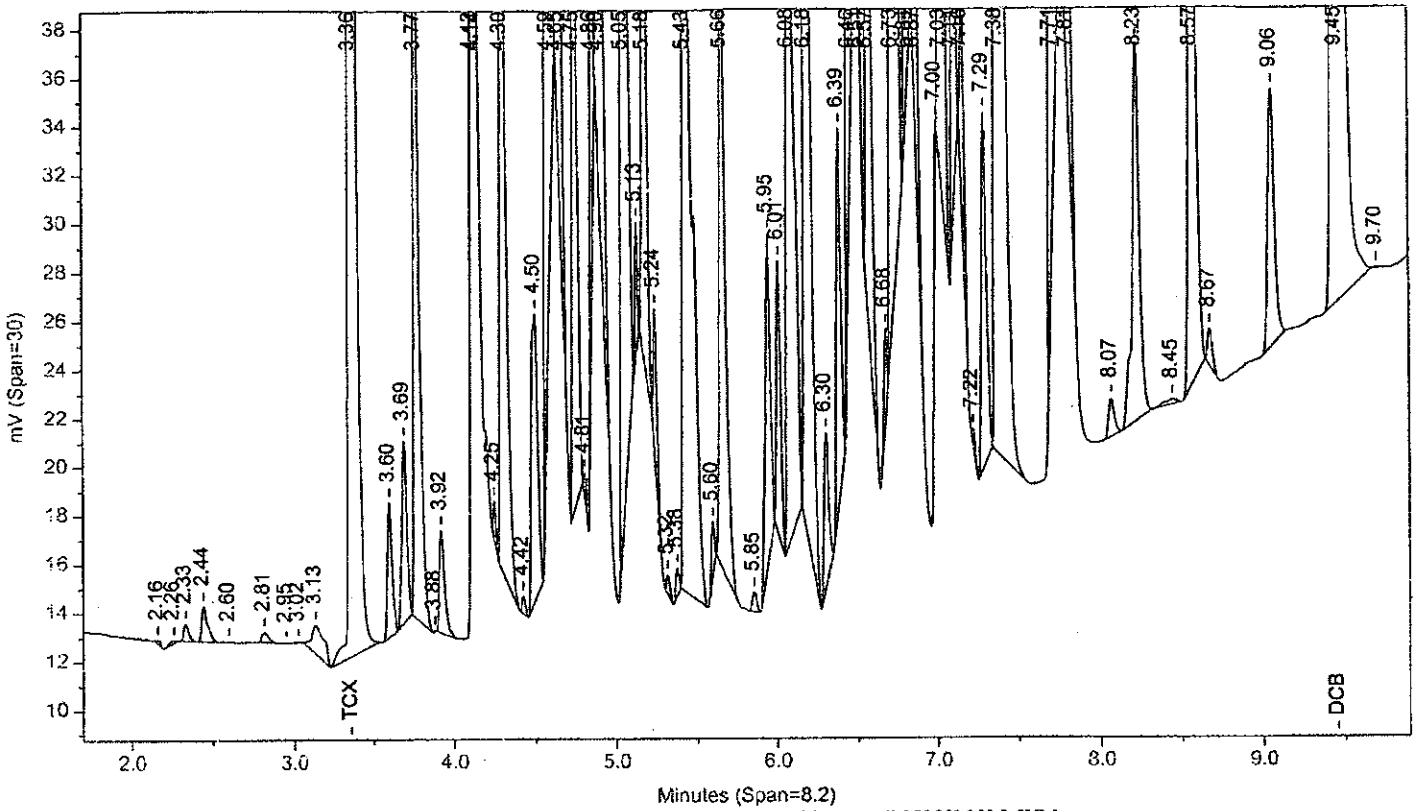
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.281		0.0000	0.000	4219.7	0.068	BB	0.024	2983.75	0.108
64	7.320		0.0000	0.000	2370.5	0.038	BB	0.024	1632.41	0.059
65	7.399		0.0000	0.000	67809.9	1.098	BB	0.038	29744.77	1.072
66	7.570		0.0000	0.000	198792.2	3.217	BB	0.045	73921.09	2.665
67	7.826		0.0000	0.000	13.6	0.000	BB	0.006	38.61	0.001
68	7.844		0.0000	0.000	23.5	0.000	BB	0.009	46.02	0.002
69	7.931		0.0000	0.000	59874.6	0.969	BB	0.041	24482.91	0.883
70	8.110		0.0000	0.000	35.1	0.001	BB	0.015	39.03	0.001
71	8.143		0.0000	0.000	17.8	0.000	BB	0.008	38.48	0.001
72	8.160		0.0000	0.000	22.8	0.000	BB	0.009	40.44	0.001
73	8.177		0.0000	0.000	19.7	0.000	BB	0.008	40.94	0.001
74	8.255	DCB	55.2200	48.965	743053.4	12.026	BB	0.049	253972.30	9.155
75	8.559		0.0000	0.000	57.5	0.001	BB	0.013	72.38	0.003
76	8.627		0.0000	0.000	599.8	0.010	BB	0.033	304.54	0.011
77	8.710		0.0000	0.000	34.4	0.001	BB	0.013	43.66	0.002
78	8.726		0.0000	0.000	18.0	0.000	BB	0.008	37.26	0.001
79	8.760		0.0000	0.000	18.4	0.000	BB	0.007	44.73	0.002
80	8.793		0.0000	0.000	28.9	0.000	BB	0.010	46.63	0.002
81	8.827		0.0000	0.000	12.6	0.000	BB	0.006	32.41	0.001
82	8.877		0.0000	0.000	64.0	0.001	BB	0.034	31.79	0.001
83	8.894		0.0000	0.000	28.5	0.000	BB	0.011	43.03	0.002
84	8.910		0.0000	0.000	317.3	0.005	BB	0.047	113.63	0.004
85	9.027		0.0000	0.000	16.8	0.000	BB	0.009	32.50	0.001
86	9.076		0.0000	0.000	170.4	0.003	BB	0.065	43.51	0.002
87	9.110		0.0000	0.000	22.6	0.000	BB	0.008	44.76	0.002
88	9.144		0.0000	0.000	46.2	0.001	BB	0.023	33.72	0.001
89	9.177		0.0000	0.000	10.9	0.000	BB	0.006	29.47	0.001
90	9.210		0.0000	0.000	67.6	0.001	BB	0.018	62.23	0.002
91	9.244		0.0000	0.000	14.1	0.000	BB	0.007	34.26	0.001
92	9.311		0.0000	0.000	217.9	0.004	BB	0.070	51.77	0.002
93	9.343		0.0000	0.000	55.9	0.001	BB	0.018	53.12	0.002
94	9.394		0.0000	0.000	114.0	0.002	BB	0.039	49.14	0.002
95	9.410		0.0000	0.000	227.3	0.004	BB	0.042	89.65	0.003
96	9.560		0.0000	0.000	49.4	0.001	BB	0.015	56.04	0.002
97	9.576		0.0000	0.000	41.5	0.001	BB	0.015	47.61	0.002
98	9.660		0.0000	0.000	70.9	0.001	BB	0.023	51.85	0.002
99	9.677		0.0000	0.000	578.0	0.009	BB	0.081	118.89	0.004
100	9.927		0.0000	0.000	16225.8	0.263	BB	0.043	6295.44	0.227

Total Area = 6178567.0, Total Amount = 112.773, Total Height = 2774124.0, Sample Units = ug/l

ASX84 8917

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.12R

C:\CPWIN\DATA1\1P2235.12R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 2:46:20 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.12R

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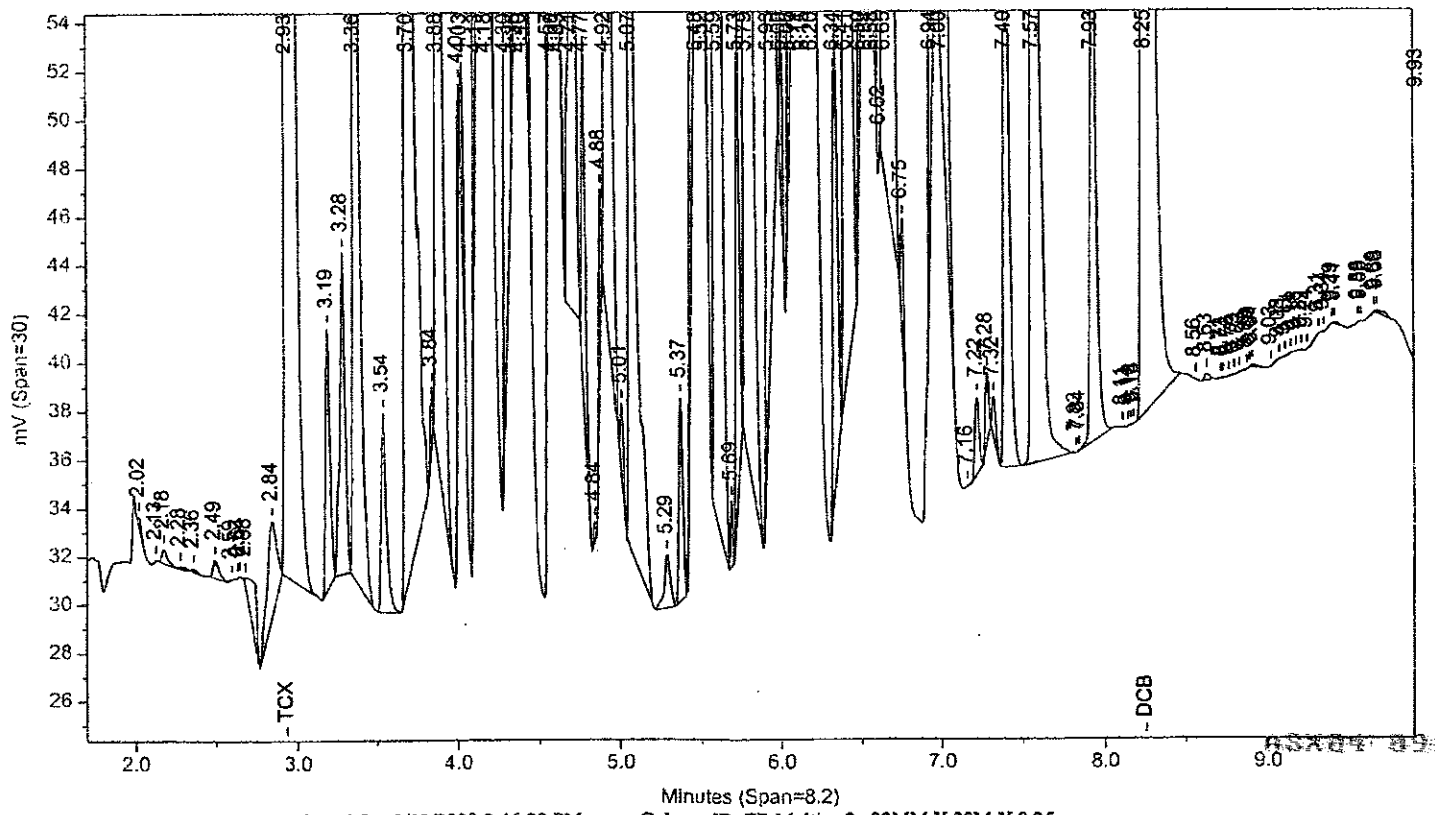


Instrument ID: CP02--H2601B Injected On: 8/23/2008 2:46:20 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

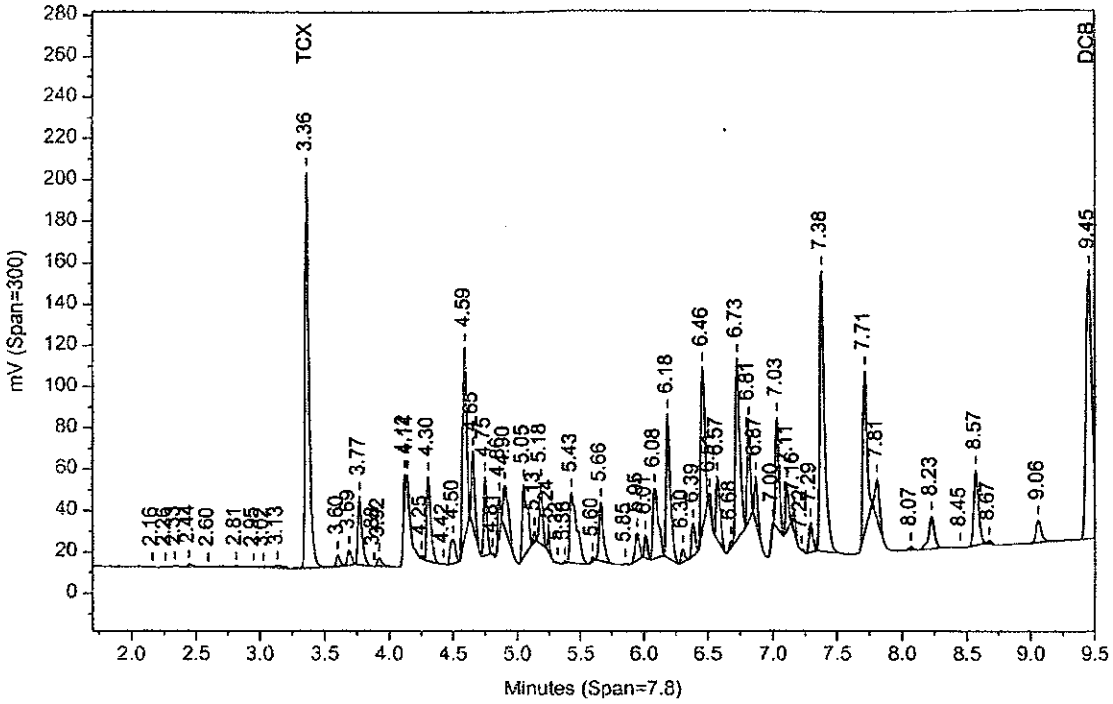
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	192721	60.43844	TCX	2.934	306606	57.55348	TCX
9.453	130143	56.92323	DCB	8.255	253972	55.22	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.12A
Area File: C:\CPWIN\DATA1\1P2235B.12A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:32:58 AM
File Reported On: 8/25/2008 at 11:33:07 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.12R



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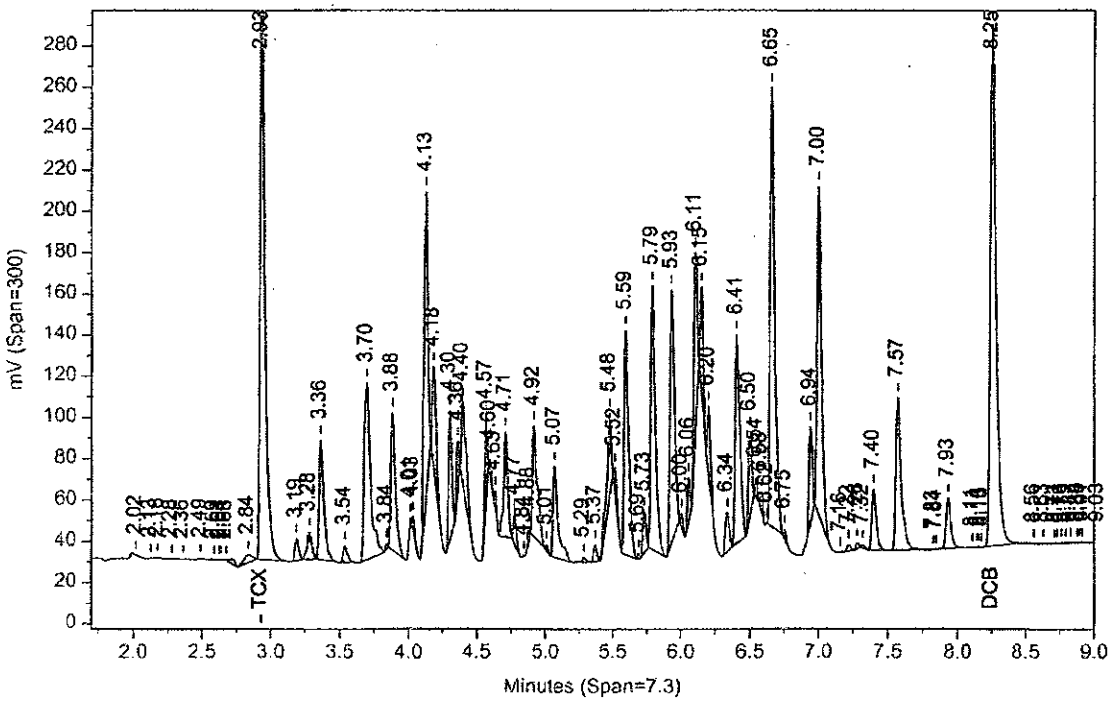

ASX84 0928

Sample Name: **AR1650824A AAAR165AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 03:10:45pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.13R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.055		0.0000	0.000	64.2	0.001	BB	0.043	24.71	0.001
2	2.161		0.0000	0.000	256.9	0.004	BB	0.029	147.49	0.005
3	2.256		0.0000	0.000	236.9	0.003	BB	0.062	64.13	0.002
4	2.331		0.0000	0.000	2463.4	0.035	BB	0.041	989.98	0.033
5	2.443		0.0000	0.000	232.9	0.003	BB	0.023	169.30	0.006
6	2.478		0.0000	0.000	367.5	0.005	BB	0.026	232.11	0.008
7	2.606		0.0000	0.000	31.3	0.000	BB	0.025	21.21	0.001
8	2.718		0.0000	0.000	66.5	0.001	BB	0.070	15.84	0.001
9	2.810		0.0000	0.000	2506.1	0.036	BB	0.047	886.92	0.029
10	2.946		0.0000	0.000	80.9	0.001	BB	0.033	41.04	0.001
11	3.076		0.0000	0.000	224.5	0.003	BB	0.060	62.74	0.002
12	3.126		0.0000	0.000	3961.2	0.056	BB	0.145	454.66	0.015
13	3.355	TCX	83.6360	51.345	567098.8	8.068	BB	0.035	266691.90	8.779
14	3.597		0.0000	0.000	23905.0	0.340	BB	0.035	11352.35	0.374
15	3.688		0.0000	0.000	29776.3	0.424	BB	0.034	14445.73	0.476
16	3.763		0.0000	0.000	146325.7	2.082	BB	0.037	65764.20	2.165
17	3.877		0.0000	0.000	60.3	0.001	BB	0.010	102.29	0.003
18	3.917		0.0000	0.000	18151.0	0.258	BB	0.038	7930.11	0.261
19	4.113		0.0000	0.000	41254.9	0.587	BB	0.022	31478.42	1.036
20	4.134		0.0000	0.000	19357.0	0.275	BB	0.019	16877.29	0.556
21	4.245		0.0000	0.000	3601.0	0.051	BB	0.018	3274.78	0.108
22	4.299		0.0000	0.000	179094.7	2.548	BB	0.037	80749.18	2.658
23	4.421		0.0000	0.000	2312.5	0.033	BB	0.024	1591.96	0.052
24	4.484		0.0000	0.000	7183.7	0.102	BB	0.040	2999.20	0.099
25	4.497		0.0000	0.000	6483.4	0.092	BB	0.020	5294.35	0.174
26	4.588		0.0000	0.000	415829.1	5.916	BB	0.039	179740.80	5.917
27	4.650		0.0000	0.000	120444.8	1.714	BB	0.029	69962.06	2.303
28	4.743		0.0000	0.000	140873.9	2.004	BB	0.030	78256.84	2.576
29	4.804		0.0000	0.000	2032.5	0.029	BB	0.017	1943.30	0.064
30	4.855		0.0000	0.000	53488.5	0.761	BB	0.024	37538.19	1.236
31	4.899		0.0000	0.000	118414.5	1.685	BB	0.049	40525.41	1.334
32	5.046		0.0000	0.000	192614.5	2.740	BB	0.047	68256.88	2.247
33	5.128		0.0000	0.000	12198.1	0.174	BB	0.018	11293.31	0.372
34	5.180		0.0000	0.000	109393.5	1.556	BB	0.030	60094.26	1.978
35	5.238		0.0000	0.000	18192.9	0.259	BB	0.026	11837.82	0.390
36	5.312		0.0000	0.000	2171.5	0.031	BB	0.022	1645.88	0.054
37	5.372		0.0000	0.000	3149.3	0.045	BB	0.024	2231.68	0.073
38	5.421		0.0000	0.000	255589.2	3.636	BB	0.063	67731.55	2.230
39	5.591		0.0000	0.000	7113.6	0.101	BB	0.025	4812.84	0.158
40	5.651		0.0000	0.000	137520.9	1.957	BB	0.041	55608.14	1.831
41	5.849		0.0000	0.000	3234.3	0.046	BB	0.032	1694.91	0.056
42	5.939		0.0000	0.000	59095.7	0.841	BB	0.037	26417.08	0.870
43	6.004		0.0000	0.000	38798.2	0.552	BB	0.028	23066.89	0.759
44	6.072		0.0000	0.000	202169.1	2.876	BB	0.050	67884.82	2.235
45	6.175		0.0000	0.000	305878.1	4.352	BB	0.038	135275.20	4.453
46	6.296		0.0000	0.000	26739.4	0.380	BB	0.035	12632.01	0.416
47	6.378		0.0000	0.000	48358.9	0.688	BB	0.031	26096.93	0.859
48	6.449		0.0000	0.000	339588.5	4.831	BB	0.037	152281.70	5.013
49	6.508		0.0000	0.000	21664.8	0.308	BB	0.021	16876.35	0.556
50	6.566		0.0000	0.000	142893.5	2.033	BB	0.037	65111.96	2.143
51	6.673		0.0000	0.000	9065.1	0.129	BB	0.021	7159.33	0.236
52	6.718		0.0000	0.000	394179.7	5.608	BB	0.037	176954.20	5.825
53	6.807		0.0000	0.000	153741.5	2.187	BB	0.028	91730.95	3.020
54	6.863		0.0000	0.000	75573.6	1.075	BB	0.027	45840.65	1.509
55	6.994		0.0000	0.000	9434.3	0.134	BB	0.039	4051.06	0.133
56	7.024		0.0000	0.000	215129.2	3.061	BB	0.034	106783.30	3.515
57	7.104		0.0000	0.000	73075.6	1.040	BB	0.027	44329.45	1.459
58	7.159		0.0000	0.000	28265.1	0.402	BB	0.025	19182.94	0.631
59	7.288		0.0000	0.000	62339.9	0.887	BB	0.036	29001.55	0.955
60	7.373		0.0000	0.000	731001.5	10.400	BB	0.044	275834.80	9.080
61	7.611		0.0000	0.000	114.9	0.002	BB	0.026	75.09	0.002
62	7.709		0.0000	0.000	337715.1	4.805	BB	0.036	154733.70	5.094

ASX84 8521

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.803		0.0000	0.000	95586.2	1.360	BB	0.040	40200.23	1.323
64	8.061		0.0000	0.000	8169.1	0.116	BB	0.041	3314.07	0.109
65	8.221		0.0000	0.000	107223.5	1.525	BB	0.053	33732.87	1.110
66	8.500		0.0000	0.000	434.8	0.006	BB	0.068	106.52	0.004
67	8.566		0.0000	0.000	173554.1	2.469	BB	0.044	65331.36	2.151
68	8.667		0.0000	0.000	5876.3	0.084	BB	0.033	2953.25	0.097
69	9.051		0.0000	0.000	63812.7	0.908	BB	0.050	21448.76	0.706
70	9.444	DCB	79.2554	48.655	630659.8	8.972	BB	0.058	181200.40	5.965
71	9.955		0.0000	0.000	21375.4	0.304	BB	0.104	3417.52	0.112

Total Area = 7028872.0, Total Amount = 162.891, Total Height = 3037861.0, Sample Units = ug/l

ASX84: 8922

ASX84: 8923:

Sample Name: **AR1650824A AAAR165AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 03:10:45pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.13R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	3116.9	0.029	BB	0.033	1565.17	0.032
2	2.117		0.0000	0.000	36.0	0.000	BB	0.008	72.38	0.001
3	2.150		0.0000	0.000	63.5	0.001	BB	0.028	37.82	0.001
4	2.175		0.0000	0.000	868.1	0.008	BB	0.028	525.41	0.011
5	2.215		0.0000	0.000	186.8	0.002	BB	0.015	211.55	0.004
6	2.492		0.0000	0.000	4677.7	0.043	BB	0.047	1648.15	0.034
7	2.583		0.0000	0.000	39.1	0.000	BB	0.008	77.97	0.002
8	2.617		0.0000	0.000	27.4	0.000	BB	0.008	56.37	0.001
9	2.650		0.0000	0.000	205.1	0.002	BB	0.050	68.19	0.001
10	2.667		0.0000	0.000	13151.7	0.121	BB	0.216	1013.79	0.021
11	2.850		0.0000	0.000	6710.7	0.062	BB	0.381	293.86	0.006
12	2.866		0.0000	0.000	124.5	0.001	BB	0.015	138.91	0.003
13	2.932	TCX	76.5842	51.225	974005.9	8.934	BB	0.040	407989.10	8.336
14	3.185		0.0000	0.000	42110.0	0.386	BB	0.033	21236.99	0.434
15	3.279		0.0000	0.000	54709.8	0.502	BB	0.037	24886.31	0.508
16	3.358		0.0000	0.000	255506.7	2.344	BB	0.039	109376.00	2.235
17	3.535		0.0000	0.000	36928.4	0.339	BB	0.039	15817.27	0.323
18	3.694		0.0000	0.000	399789.7	3.667	BB	0.045	149555.80	3.056
19	3.758		0.0000	0.000	4335.7	0.040	BB	0.013	5572.66	0.114
20	3.835		0.0000	0.000	5352.1	0.049	BB	0.019	4686.67	0.096
21	3.877		0.0000	0.000	292632.6	2.684	BB	0.039	125548.80	2.565
22	4.008		0.0000	0.000	12949.2	0.119	BB	0.040	5456.88	0.111
23	4.025		0.0000	0.000	13572.0	0.124	BB	0.018	12717.44	0.260
24	4.123		0.0000	0.000	587521.3	5.389	BB	0.035	276309.40	5.646
25	4.180		0.0000	0.000	163273.7	1.498	BB	0.030	89526.44	1.829
26	4.301		0.0000	0.000	195776.6	1.796	BB	0.027	119941.50	2.451
27	4.357		0.0000	0.000	55561.6	0.510	BB	0.021	43500.38	0.889
28	4.393		0.0000	0.000	178905.7	1.641	BB	0.041	73080.62	1.493
29	4.563		0.0000	0.000	251391.0	2.306	BB	0.039	108790.00	2.223
30	4.626		0.0000	0.000	21807.3	0.200	BB	0.019	19150.88	0.391
31	4.678		0.0000	0.000	4341.5	0.040	BB	0.022	3262.48	0.067
32	4.704		0.0000	0.000	142725.4	1.309	BB	0.029	83226.23	1.701
33	4.770		0.0000	0.000	40708.2	0.373	BB	0.027	25569.50	0.522
34	4.840		0.0000	0.000	1547.2	0.014	BB	0.015	1682.29	0.034
35	4.877		0.0000	0.000	14910.9	0.137	BB	0.020	12261.22	0.251
36	4.911		0.0000	0.000	251642.1	2.308	BB	0.042	100729.30	2.058
37	5.006		0.0000	0.000	6686.6	0.061	BB	0.020	5595.74	0.114
38	5.065		0.0000	0.000	217977.0	1.999	BB	0.047	77984.16	1.593
39	5.233		0.0000	0.000	66.5	0.001	BB	0.012	94.03	0.002
40	5.251		0.0000	0.000	31.8	0.000	BB	0.009	57.47	0.001
41	5.282		0.0000	0.000	7202.6	0.066	BB	0.033	3596.74	0.073
42	5.365		0.0000	0.000	27713.6	0.254	BB	0.028	16733.57	0.342
43	5.472		0.0000	0.000	169894.4	1.558	BB	0.036	78325.47	1.600
44	5.508		0.0000	0.000	27020.1	0.248	BB	0.021	20955.72	0.428
45	5.588		0.0000	0.000	468873.0	4.301	BB	0.038	205650.60	4.202
46	5.682		0.0000	0.000	4593.7	0.042	BB	0.015	5020.03	0.103
47	5.722		0.0000	0.000	61325.8	0.562	BB	0.027	38501.54	0.787
48	5.780		0.0000	0.000	570719.4	5.235	BB	0.039	241326.60	4.931
49	5.926		0.0000	0.000	497826.9	4.566	BB	0.037	225718.30	4.612
50	5.994		0.0000	0.000	13041.1	0.120	BB	0.020	10982.57	0.224
51	6.049		0.0000	0.000	57402.8	0.527	BB	0.024	40272.06	0.823
52	6.099		0.0000	0.000	258911.5	2.375	BB	0.028	155987.10	3.187
53	6.139		0.0000	0.000	127197.0	1.167	BB	0.022	94784.56	1.937
54	6.191		0.0000	0.000	95943.0	0.880	BB	0.026	62392.53	1.275
55	6.327		0.0000	0.000	75291.0	0.691	BB	0.033	38147.04	0.779
56	6.397		0.0000	0.000	456962.2	4.191	BB	0.040	191584.50	3.915
57	6.493		0.0000	0.000	120511.1	1.105	BB	0.026	75846.44	1.550
58	6.536		0.0000	0.000	19256.5	0.177	BB	0.017	18652.21	0.381
59	6.571		0.0000	0.000	19873.1	0.182	BB	0.020	16883.71	0.345
60	6.646		0.0000	0.000	974930.5	8.942	BB	0.039	414978.60	8.479
61	6.743		0.0000	0.000	10772.2	0.099	BB	0.020	9097.46	0.186
62	6.933		0.0000	0.000	146500.3	1.344	BB	0.027	88866.89	1.816

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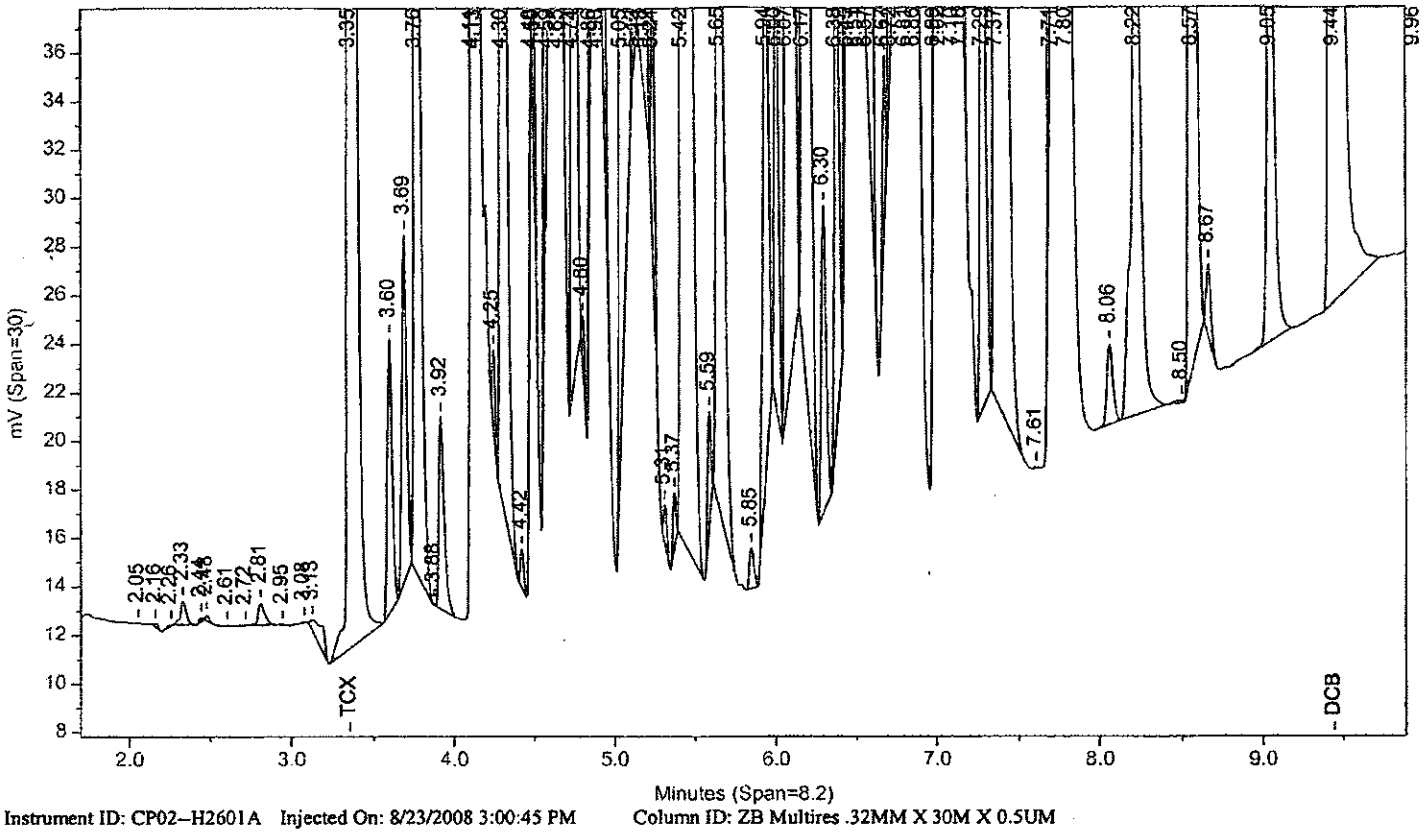
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.993		0.0000	0.000	714154.3	6.550	BB	0.039	301821.00	6.167
64	7.214		0.0000	0.000	10820.6	0.099	BB	0.029	6149.77	0.126
65	7.272		0.0000	0.000	8733.5	0.080	BB	0.024	5947.20	0.122
66	7.313		0.0000	0.000	9281.2	0.085	BB	0.031	5052.21	0.103
67	7.392		0.0000	0.000	139198.8	1.277	BB	0.041	56689.48	1.158
68	7.563		0.0000	0.000	396736.0	3.639	BB	0.047	141214.30	2.885
69	7.783		0.0000	0.000	17.9	0.000	BB	0.005	57.92	0.001
70	7.800		0.0000	0.000	30.9	0.000	BB	0.008	65.19	0.001
71	7.833		0.0000	0.000	353.3	0.003	BB	0.031	187.59	0.004
72	7.922		0.0000	0.000	115367.3	1.058	BB	0.042	45928.95	0.938
73	8.066		0.0000	0.000	171.6	0.002	BB	0.020	142.25	0.003
74	8.100		0.0000	0.000	96.3	0.001	BB	0.014	113.62	0.002
75	8.150		0.0000	0.000	55.8	0.001	BB	0.012	78.36	0.002
76	8.183		0.0000	0.000	28.5	0.000	BB	0.007	68.65	0.001
77	8.248	DCB	72.9206	48.775	1003304.0	9.202	BB	0.050	335382.40	6.853
78	8.533		0.0000	0.000	129.8	0.001	BB	0.016	132.10	0.003
79	8.617		0.0000	0.000	1606.9	0.015	BB	0.037	732.97	0.015
80	8.683		0.0000	0.000	59.7	0.001	BB	0.012	80.42	0.002
81	8.716		0.0000	0.000	36.7	0.000	BB	0.007	83.39	0.002
82	8.733		0.0000	0.000	42.9	0.000	BB	0.009	78.79	0.002
83	8.783		0.0000	0.000	239.4	0.002	BB	0.032	126.68	0.003
84	8.833		0.0000	0.000	84.4	0.001	BB	0.014	101.16	0.002
85	8.866		0.0000	0.000	283.8	0.003	BB	0.025	188.62	0.004
86	8.934		0.0000	0.000	46.6	0.000	BB	0.010	79.15	0.002
87	8.950		0.0000	0.000	56.1	0.001	BB	0.009	98.81	0.002
88	8.966		0.0000	0.000	45.8	0.000	BB	0.008	93.95	0.002
89	8.983		0.0000	0.000	79.9	0.001	BB	0.014	97.09	0.002
90	9.034		0.0000	0.000	27.4	0.000	BB	0.006	73.47	0.002
91	9.050		0.0000	0.000	47.7	0.000	BB	0.009	86.48	0.002
92	9.066		0.0000	0.000	46.2	0.000	BB	0.010	80.80	0.002
93	9.100		0.0000	0.000	31.8	0.000	BB	0.006	91.59	0.002
94	9.117		0.0000	0.000	49.1	0.000	BB	0.009	87.93	0.002
95	9.150		0.0000	0.000	83.5	0.001	BB	0.016	86.80	0.002
96	9.183		0.0000	0.000	36.8	0.000	BB	0.007	87.98	0.002
97	9.216		0.0000	0.000	91.0	0.001	BB	0.017	88.47	0.002
98	9.250		0.0000	0.000	31.5	0.000	BB	0.006	86.73	0.002
99	9.267		0.0000	0.000	39.9	0.000	BB	0.007	96.36	0.002
100	9.300		0.0000	0.000	87.2	0.001	BB	0.017	87.51	0.002
101	9.334		0.0000	0.000	68.3	0.001	BB	0.015	77.44	0.002
102	9.350		0.0000	0.000	50.3	0.000	BB	0.009	93.25	0.002
103	9.367		0.0000	0.000	42.3	0.000	BB	0.009	79.39	0.002
104	9.383		0.0000	0.000	40.6	0.000	BB	0.007	90.88	0.002
105	9.400		0.0000	0.000	36.0	0.000	BB	0.007	88.35	0.002
106	9.417		0.0000	0.000	41.5	0.000	BB	0.008	83.99	0.002
107	9.433		0.0000	0.000	40.1	0.000	BB	0.007	91.05	0.002
108	9.450		0.0000	0.000	69.0	0.001	BB	0.012	93.76	0.002
109	9.483		0.0000	0.000	66.4	0.001	BB	0.012	95.00	0.002
110	9.533		0.0000	0.000	30.0	0.000	BB	0.007	75.93	0.002
111	9.550		0.0000	0.000	118.8	0.001	BB	0.019	103.31	0.002
112	9.617		0.0000	0.000	45.0	0.000	BB	0.009	82.99	0.002
113	9.633		0.0000	0.000	35.8	0.000	BB	0.006	95.77	0.002
114	9.650		0.0000	0.000	36.9	0.000	BB	0.009	71.02	0.001
115	9.667		0.0000	0.000	33.2	0.000	BB	0.007	84.52	0.002
116	9.683		0.0000	0.000	37.2	0.000	BB	0.007	85.29	0.002
117	9.716		0.0000	0.000	6036.1	0.055	BB	0.223	450.77	0.009
118	9.933		0.0000	0.000	26436.1	0.242	BB	0.063	6968.92	0.142

Total Area = 10902630.0, Total Amount = 149.505, Total Height = 4894179.0, Sample Units = ug/l

ASX84. 0925.

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.13R

C:\CPWIN\DATA1\1P2235.13R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:00:45 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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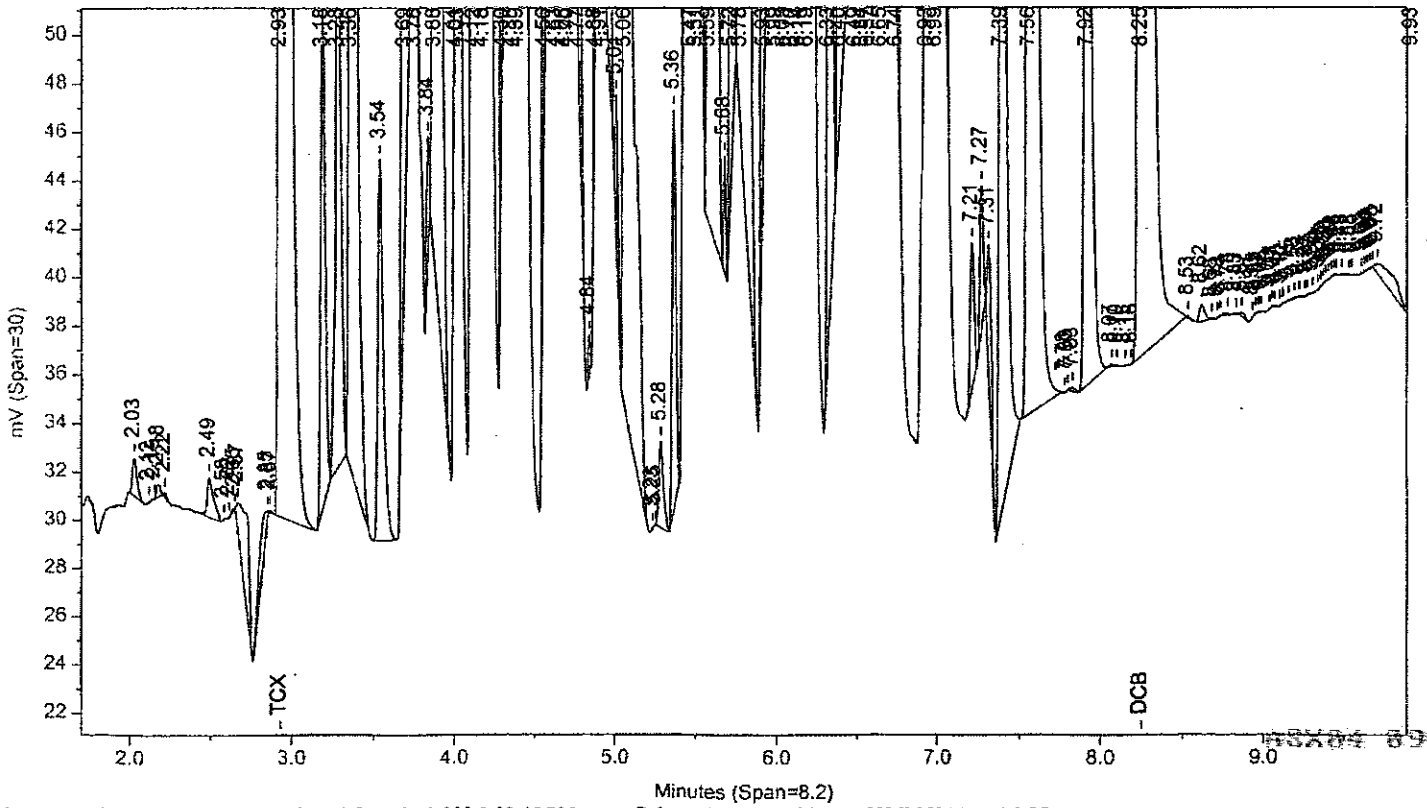


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:00:45 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

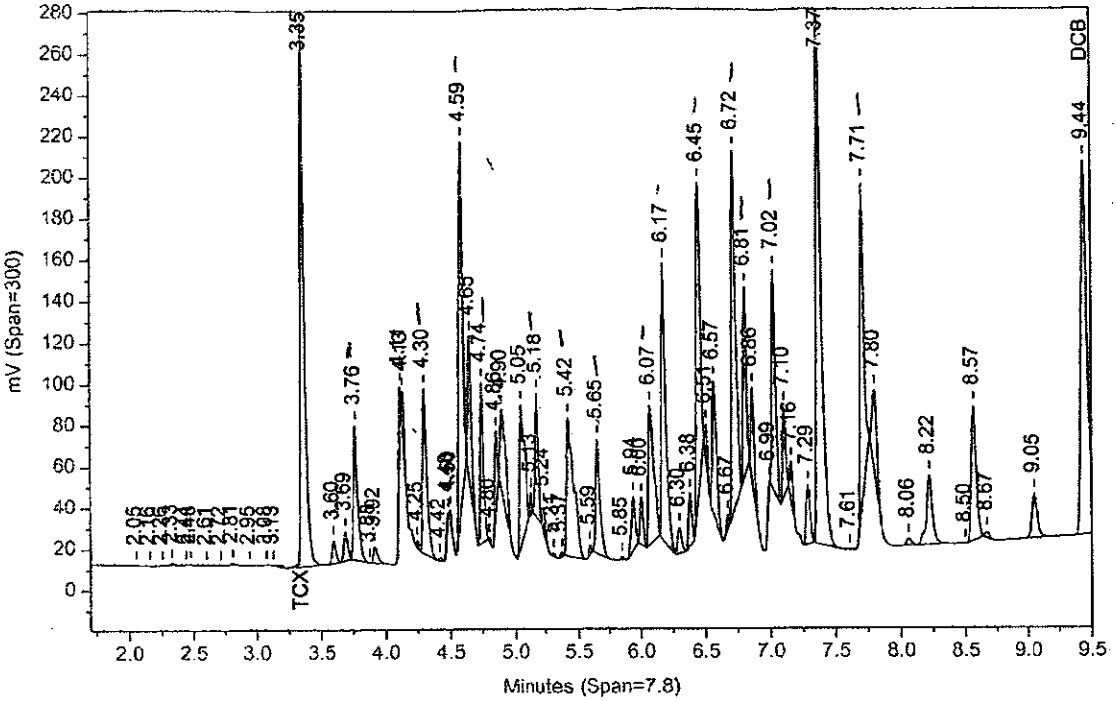
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	266692	83.63599	TCX	2.932	407989	76.58423	TCX
9.444	181200	79.25537	DCB	8.248	335382	72.92062	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.13A
Area File: C:\CPWIN\DATA1\1P2235B.13A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:33:16 AM
File Reported On: 8/25/2008 at 11:33:26 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.13R



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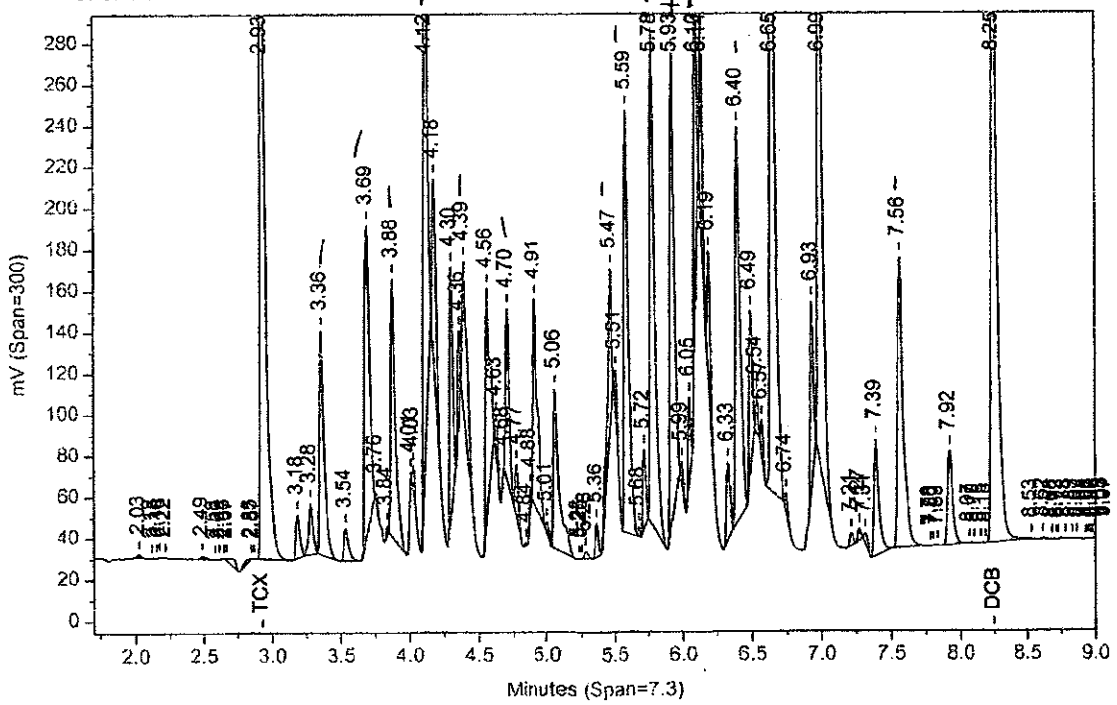

6SX84 8928

Sample Name: **AR4810824B AAAR481AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 03:25:12pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.14R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.159		0.0000	0.000	471.9	0.196	BB	0.039	200.46	0.225
2	2.254		0.0000	0.000	256.8	0.107	BB	0.042	101.72	0.114
3	2.300		0.0000	0.000	435.2	0.181	BB	0.063	115.59	0.130
4	2.443		0.0000	0.000	669.2	0.278	BB	0.049	228.11	0.256
5	2.637		0.0000	0.000	87.2	0.036	BB	0.052	27.81	0.031
6	2.703		0.0000	0.000	36.5	0.015	BB	0.030	20.31	0.023
7	2.821		0.0000	0.000	503.3	0.209	BB	0.067	125.83	0.141
8	2.950		0.0000	0.000	155.6	0.065	BB	0.042	61.73	0.069
9	3.029		0.0000	0.000	98.5	0.041	BB	0.029	56.81	0.064
10	3.078		0.0000	0.000	54.9	0.023	BB	0.025	37.22	0.042
11	3.127		0.0000	0.000	4191.2	1.739	BB	0.158	440.84	0.495
12	3.358	TCX	4.2186	46.780	32936.5	13.667	BB	0.041	13452.03	15.105
13	3.540		0.0000	0.000	106.1	0.044	BB	0.050	35.60	0.040
14	3.674		0.0000	0.000	379.9	0.158	BB	0.040	158.17	0.178
15	3.766		0.0000	0.000	781.9	0.324	BB	0.042	310.67	0.349
16	3.914		0.0000	0.000	193.8	0.080	BB	0.028	115.96	0.130
17	4.029		0.0000	0.000	86.3	0.036	BB	0.031	46.05	0.052
18	4.118		0.0000	0.000	8066.4	3.347	BB	0.057	2346.82	2.635
19	4.302		0.0000	0.000	4435.9	1.841	BB	0.040	1867.88	2.097
20	4.484		0.0000	0.000	589.5	0.245	BB	0.038	257.22	0.289
21	4.590		0.0000	0.000	12157.5	5.045	BB	0.041	4907.70	5.511
22	4.652		0.0000	0.000	2068.2	0.858	BB	0.028	1220.99	1.371
23	4.745		0.0000	0.000	4457.0	1.849	BB	0.032	2323.18	2.609
24	4.806		0.0000	0.000	174.8	0.073	BB	0.019	157.22	0.177
25	4.858		0.0000	0.000	4658.0	1.933	BB	0.024	3299.20	3.705
26	4.899		0.0000	0.000	7365.1	3.056	BB	0.045	2752.85	3.091
27	5.047		0.0000	0.000	14363.0	5.960	BB	0.044	5494.11	6.169
28	5.130		0.0000	0.000	1002.9	0.416	BB	0.020	834.05	0.937
29	5.180		0.0000	0.000	6514.0	2.703	BB	0.029	3683.24	4.136
30	5.238		0.0000	0.000	1347.4	0.559	BB	0.026	851.74	0.956
31	5.319		0.0000	0.000	199.3	0.083	BB	0.027	121.21	0.136
32	5.372		0.0000	0.000	379.7	0.158	BB	0.023	269.97	0.303
33	5.423		0.0000	0.000	1909.0	0.792	BB	0.025	1251.96	1.406
34	5.451		0.0000	0.000	2517.7	1.045	BB	0.018	2364.27	2.655
35	5.483		0.0000	0.000	4355.8	1.807	BB	0.023	3216.91	3.612
36	5.654		0.0000	0.000	24991.6	10.370	BB	0.071	5829.46	6.546
37	5.787		0.0000	0.000	240.2	0.100	BB	0.024	166.24	0.187
38	5.849		0.0000	0.000	2398.2	0.995	BB	0.032	1232.12	1.384
39	5.921		0.0000	0.000	2080.7	0.863	BB	0.025	1361.70	1.529
40	5.961		0.0000	0.000	760.8	0.316	BB	0.020	649.90	0.730
41	6.006		0.0000	0.000	5275.6	2.189	BB	0.030	2922.75	3.282
42	6.118		0.0000	0.000	2007.1	0.833	BB	0.030	1127.01	1.266
43	6.301		0.0000	0.000	3201.7	1.329	BB	0.029	1858.37	2.087
44	6.378		0.0000	0.000	15251.0	6.328	BB	0.043	5913.85	6.641
45	6.456		0.0000	0.000	286.6	0.119	BB	0.025	190.61	0.214
46	6.560		0.0000	0.000	3879.4	1.610	BB	0.034	1902.88	2.137
47	6.670		0.0000	0.000	60.7	0.025	BB	0.023	43.47	0.049
48	6.720		0.0000	0.000	814.4	0.338	BB	0.033	408.85	0.459
49	7.118		0.0000	0.000	1196.9	0.497	BB	0.047	420.83	0.473
50	7.663		0.0000	0.000	785.8	0.326	BB	0.038	341.01	0.383
51	8.147		0.0000	0.000	6331.0	2.627	BB	0.348	303.13	0.340
52	8.374		0.0000	0.000	3159.6	1.311	BB	0.259	203.21	0.228
53	8.525		0.0000	0.000	2813.5	1.167	BB	0.104	450.93	0.506
54	9.445	DCB	4.7994	53.220	47457.8	19.692	BB	0.072	10972.74	12.321

Total Area = 240998.9, Total Amount = 9.018, Total Height = 89054.55, Sample Units = ug/l

ASX84 8929

Sample Name: **AR4810824B AAAR481AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 03:25:12pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.14R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.036		0.0000	0.000	277.8	0.075	BB	0.028	167.71	0.094
2	2.120		0.0000	0.000	28.3	0.008	BB	0.009	50.00	0.028
3	2.137		0.0000	0.000	23.2	0.006	BB	0.008	46.35	0.026
4	2.169		0.0000	0.000	37.5	0.010	BB	0.010	63.04	0.035
5	2.220		0.0000	0.000	375.7	0.102	BB	0.026	237.57	0.134
6	2.286		0.0000	0.000	464.4	0.126	BB	0.032	243.38	0.137
7	2.353		0.0000	0.000	53.2	0.014	BB	0.012	74.73	0.042
8	2.470		0.0000	0.000	19.8	0.005	BB	0.007	47.54	0.027
9	2.486		0.0000	0.000	84.5	0.023	BB	0.016	87.59	0.049
10	2.587		0.0000	0.000	26.3	0.007	BB	0.007	65.69	0.037
11	2.603		0.0000	0.000	34.2	0.009	BB	0.010	59.94	0.034
12	2.637		0.0000	0.000	172.7	0.047	BB	0.017	173.40	0.098
13	2.670		0.0000	0.000	24.4	0.007	BB	0.007	56.50	0.032
14	2.685		0.0000	0.000	73.8	0.020	BB	0.011	116.93	0.066
15	2.837		0.0000	0.000	11359.3	3.086	BB	0.082	2308.99	1.299
16	2.887		0.0000	0.000	31.9	0.009	BB	0.007	77.50	0.044
17	2.931	TCX	4.5349	45.544	47499.4	12.903	BB	0.033	24158.96	13.596
18	3.119		0.0000	0.000	262.9	0.071	BB	0.021	205.22	0.115
19	3.170		0.0000	0.000	20.5	0.006	BB	0.006	53.92	0.030
20	3.186		0.0000	0.000	26.8	0.007	BB	0.007	60.32	0.034
21	3.203		0.0000	0.000	44.8	0.012	BB	0.012	62.29	0.035
22	3.253		0.0000	0.000	533.1	0.145	BB	0.029	310.73	0.175
23	3.320		0.0000	0.000	40.3	0.011	BB	0.010	70.46	0.040
24	3.356		0.0000	0.000	1805.2	0.490	BB	0.048	630.59	0.355
25	3.503		0.0000	0.000	34.1	0.009	BB	0.009	65.78	0.037
26	3.536		0.0000	0.000	583.7	0.159	BB	0.030	320.74	0.180
27	3.620		0.0000	0.000	49.5	0.013	BB	0.012	66.26	0.037
28	3.654		0.0000	0.000	7.7	0.002	BB	0.004	31.48	0.018
29	3.688		0.0000	0.000	13190.2	3.583	BB	0.047	4692.25	2.641
30	3.820		0.0000	0.000	1409.4	0.383	BB	0.034	686.26	0.386
31	3.876		0.0000	0.000	5041.2	1.369	BB	0.033	2534.94	1.427
32	3.970		0.0000	0.000	27.7	0.008	BB	0.008	58.23	0.033
33	4.004		0.0000	0.000	1621.4	0.440	BB	0.045	598.55	0.337
34	4.123		0.0000	0.000	18696.3	5.079	BB	0.035	8872.60	4.993
35	4.180		0.0000	0.000	3549.9	0.964	BB	0.027	2218.37	1.248
36	4.302		0.0000	0.000	5592.7	1.519	BB	0.026	3653.20	2.056
37	4.358		0.0000	0.000	6803.7	1.848	BB	0.022	5125.62	2.884
38	4.393		0.0000	0.000	12562.1	3.412	BB	0.036	5805.04	3.267
39	4.563		0.0000	0.000	22271.9	6.050	BB	0.037	10071.03	5.668
40	4.627		0.0000	0.000	1365.6	0.371	BB	0.019	1228.11	0.691
41	4.677		0.0000	0.000	257.6	0.070	BB	0.025	169.49	0.095
42	4.704		0.0000	0.000	10825.7	2.941	BB	0.028	6421.19	3.614
43	4.771		0.0000	0.000	3593.9	0.976	BB	0.027	2259.65	1.272
44	4.838		0.0000	0.000	255.6	0.069	BB	0.015	286.48	0.161
45	4.877		0.0000	0.000	3911.4	1.063	BB	0.021	3120.33	1.756
46	4.912		0.0000	0.000	10441.2	2.836	BB	0.021	8104.32	4.561
47	4.946		0.0000	0.000	7022.8	1.908	BB	0.021	5657.85	3.184
48	5.066		0.0000	0.000	4532.8	1.231	BB	0.026	2960.32	1.666
49	5.117		0.0000	0.000	7145.2	1.941	BB	0.025	4848.75	2.729
50	5.152		0.0000	0.000	2475.0	0.672	BB	0.018	2301.92	1.295
51	5.237		0.0000	0.000	247.7	0.067	BB	0.023	180.53	0.102
52	5.282		0.0000	0.000	5420.5	1.472	BB	0.034	2693.18	1.516
53	5.367		0.0000	0.000	5725.8	1.555	BB	0.026	3692.05	2.078
54	5.414		0.0000	0.000	1557.9	0.423	BB	0.020	1314.59	0.740
55	5.455		0.0000	0.000	11668.4	3.170	BB	0.035	5634.16	3.171
56	5.588		0.0000	0.000	3884.3	1.055	BB	0.031	2091.99	1.177
57	5.686		0.0000	0.000	6636.9	1.803	BB	0.030	3740.05	2.105
58	5.941		0.0000	0.000	18721.6	5.086	BB	0.039	8014.33	4.510
59	5.988		0.0000	0.000	2489.2	0.676	BB	0.022	1882.74	1.060
60	6.102		0.0000	0.000	1714.1	0.466	BB	0.035	824.24	0.464
61	6.287		0.0000	0.000	16.5	0.004	BB	0.006	44.15	0.025
62	6.328		0.0000	0.000	4534.4	1.232	BB	0.052	1448.46	0.815

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.421		0.0000	0.000	340.5	0.093	BB	0.027	207.33	0.117
64	6.487		0.0000	0.000	39.2	0.011	BB	0.011	61.48	0.035
65	6.536		0.0000	0.000	83.8	0.023	BB	0.014	101.69	0.057
66	6.587		0.0000	0.000	32.5	0.009	BB	0.007	78.07	0.044
67	6.604		0.0000	0.000	25.2	0.007	BB	0.007	60.97	0.034
68	6.619		0.0000	0.000	48.9	0.013	BB	0.010	79.30	0.045
69	6.637		0.0000	0.000	21.2	0.006	BB	0.005	73.93	0.042
70	6.670		0.0000	0.000	79.0	0.021	BB	0.026	51.34	0.029
71	6.725		0.0000	0.000	1134.8	0.308	BB	0.032	596.45	0.336
72	6.787		0.0000	0.000	40.9	0.011	BB	0.010	71.64	0.040
73	6.803		0.0000	0.000	38.6	0.010	BB	0.010	67.47	0.038
74	6.820		0.0000	0.000	29.2	0.008	BB	0.007	69.62	0.039
75	6.836		0.0000	0.000	100.9	0.027	BB	0.018	94.66	0.053
76	6.920		0.0000	0.000	23.2	0.006	BB	0.007	55.16	0.031
77	6.936		0.0000	0.000	48.3	0.013	BB	0.009	89.58	0.050
78	6.970		0.0000	0.000	659.3	0.179	BB	0.033	335.13	0.189
79	7.019		0.0000	0.000	53.5	0.015	BB	0.009	97.87	0.055
80	7.054		0.0000	0.000	41.6	0.011	BB	0.011	63.71	0.036
81	7.070		0.0000	0.000	42.4	0.012	BB	0.011	61.91	0.035
82	7.087		0.0000	0.000	33.2	0.009	BB	0.010	54.08	0.030
83	7.153		0.0000	0.000	203.5	0.055	BB	0.031	108.45	0.061
84	7.187		0.0000	0.000	29.9	0.008	BB	0.008	61.75	0.035
85	7.221		0.0000	0.000	67.6	0.018	BB	0.021	53.18	0.030
86	7.237		0.0000	0.000	33.5	0.009	BB	0.008	66.11	0.037
87	7.270		0.0000	0.000	50.5	0.014	BB	0.012	69.55	0.039
88	7.303		0.0000	0.000	30.0	0.008	BB	0.008	65.50	0.037
89	7.320		0.0000	0.000	27.9	0.008	BB	0.008	57.64	0.032
90	7.337		0.0000	0.000	410.1	0.111	BB	0.025	276.53	0.156
91	7.420		0.0000	0.000	242.5	0.066	BB	0.040	102.20	0.058
92	7.437		0.0000	0.000	25.7	0.007	BB	0.008	55.70	0.031
93	7.487		0.0000	0.000	78.8	0.021	BB	0.020	64.47	0.036
94	7.520		0.0000	0.000	27.6	0.008	BB	0.007	66.85	0.038
95	7.537		0.0000	0.000	19.4	0.005	BB	0.006	52.94	0.030
96	7.570		0.0000	0.000	95.8	0.026	BB	0.018	86.31	0.049
97	7.587		0.0000	0.000	26.2	0.007	BB	0.008	53.22	0.030
98	7.604		0.0000	0.000	31.3	0.009	BB	0.007	76.08	0.043
99	7.620		0.0000	0.000	41.4	0.011	BB	0.010	66.71	0.038
100	7.670		0.0000	0.000	51.3	0.014	BB	0.016	53.90	0.030
101	7.703		0.0000	0.000	63.3	0.017	BB	0.016	67.73	0.038
102	7.720		0.0000	0.000	75.1	0.020	BB	0.015	85.21	0.048
103	7.770		0.0000	0.000	25.5	0.007	BB	0.006	71.03	0.040
104	7.787		0.0000	0.000	31.1	0.008	BB	0.008	67.04	0.038
105	7.804		0.0000	0.000	29.8	0.008	BB	0.009	54.25	0.031
106	7.821		0.0000	0.000	31.6	0.009	BB	0.009	58.59	0.033
107	7.837		0.0000	0.000	46.4	0.013	BB	0.010	75.84	0.043
108	7.870		0.0000	0.000	83.2	0.023	BB	0.021	66.97	0.038
109	7.904		0.0000	0.000	15.3	0.004	BB	0.006	44.21	0.025
110	7.920		0.0000	0.000	294.7	0.080	BB	0.025	200.36	0.113
111	7.986		0.0000	0.000	32.7	0.009	BB	0.009	58.24	0.033
112	8.020		0.0000	0.000	27.3	0.007	BB	0.008	54.70	0.031
113	8.037		0.0000	0.000	37.6	0.010	BB	0.010	62.63	0.035
114	8.054		0.0000	0.000	34.9	0.009	BB	0.009	61.69	0.035
115	8.070		0.0000	0.000	35.9	0.010	BB	0.009	69.06	0.039
116	8.087		0.0000	0.000	31.6	0.009	BB	0.009	57.78	0.033
117	8.103		0.0000	0.000	84.0	0.023	BB	0.016	89.43	0.050
118	8.153		0.0000	0.000	30.3	0.008	BB	0.006	82.81	0.047
119	8.187		0.0000	0.000	36.2	0.010	BB	0.008	74.80	0.042
120	8.246	DCB	5.4223	54.456	65283.2	17.734	BB	0.044	24938.46	14.034
121	8.370		0.0000	0.000	103.3	0.028	BB	0.021	81.40	0.046
122	8.437		0.0000	0.000	54.5	0.015	BB	0.015	61.64	0.035
123	8.470		0.0000	0.000	24.5	0.007	BB	0.007	57.88	0.033
124	8.487		0.0000	0.000	27.5	0.007	BB	0.006	74.27	0.042
125	8.504		0.0000	0.000	33.5	0.009	BB	0.009	62.49	0.035
126	8.520		0.0000	0.000	39.3	0.011	BB	0.009	70.12	0.039
127	8.537		0.0000	0.000	33.5	0.009	BB	0.009	61.23	0.034
128	8.553		0.0000	0.000	40.0	0.011	BB	0.008	87.16	0.049
129	8.587		0.0000	0.000	55.7	0.015	BB	0.014	64.42	0.036
130	8.603		0.0000	0.000	31.7	0.009	BB	0.007	74.60	0.042
131	8.619		0.0000	0.000	197.6	0.054	BB	0.040	82.72	0.047
132	8.720		0.0000	0.000	24.7	0.007	BB	0.007	61.86	0.035

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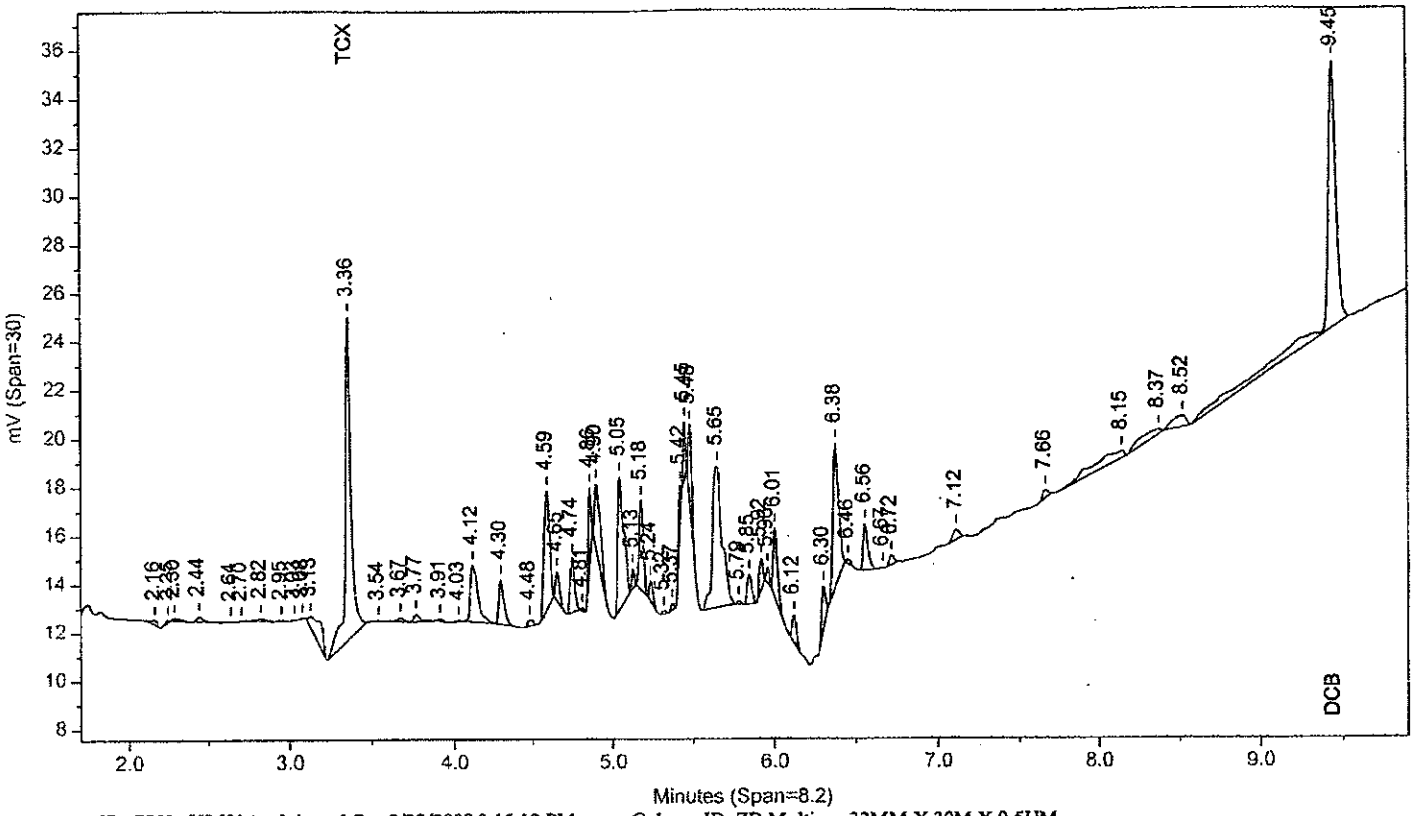
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	8.753		0.0000	0.000	76.6	0.021	BB	0.019	66.01	0.037
134	8.787		0.0000	0.000	33.8	0.009	BB	0.008	66.95	0.038
135	8.803		0.0000	0.000	27.5	0.007	BB	0.007	65.43	0.037
136	8.820		0.0000	0.000	35.2	0.010	BB	0.008	70.69	0.040
137	8.836		0.0000	0.000	34.0	0.009	BB	0.009	62.95	0.035
138	8.870		0.0000	0.000	148.6	0.040	BB	0.025	101.01	0.057
139	8.920		0.0000	0.000	35.5	0.010	BB	0.009	67.26	0.038
140	8.953		0.0000	0.000	29.7	0.008	BB	0.008	63.02	0.035
141	8.970		0.0000	0.000	25.3	0.007	BB	0.006	69.06	0.039
142	9.003		0.0000	0.000	63.4	0.017	BB	0.014	74.51	0.042
143	9.036		0.0000	0.000	29.9	0.008	BB	0.007	75.01	0.042
144	9.070		0.0000	0.000	63.9	0.017	BB	0.015	70.56	0.040
145	9.086		0.0000	0.000	42.5	0.012	BB	0.009	75.71	0.043
146	9.120		0.0000	0.000	68.0	0.018	BB	0.018	61.76	0.035
147	9.153		0.0000	0.000	30.2	0.008	BB	0.008	63.18	0.036
148	9.170		0.0000	0.000	37.6	0.010	BB	0.008	80.37	0.045
149	9.186		0.0000	0.000	39.3	0.011	BB	0.009	69.81	0.039
150	9.220		0.0000	0.000	72.0	0.020	BB	0.023	52.94	0.030
151	9.254		0.0000	0.000	36.5	0.010	BB	0.009	64.58	0.036
152	9.270		0.0000	0.000	49.3	0.013	BB	0.010	79.50	0.045
153	9.287		0.0000	0.000	36.6	0.010	BB	0.009	65.16	0.037
154	9.320		0.0000	0.000	38.5	0.010	BB	0.008	81.02	0.046
155	9.337		0.0000	0.000	34.3	0.009	BB	0.008	68.26	0.038
156	9.353		0.0000	0.000	45.0	0.012	BB	0.011	66.55	0.037
157	9.403		0.0000	0.000	113.4	0.031	BB	0.030	62.18	0.035
158	9.420		0.0000	0.000	36.8	0.010	BB	0.008	80.39	0.045
159	9.436		0.0000	0.000	102.0	0.028	BB	0.019	91.06	0.051
160	9.470		0.0000	0.000	68.9	0.019	BB	0.018	62.97	0.035
161	9.537		0.0000	0.000	35.0	0.009	BB	0.008	70.75	0.040
162	9.553		0.0000	0.000	196.6	0.053	BB	0.024	134.51	0.076
163	9.604		0.0000	0.000	21.9	0.006	BB	0.006	57.89	0.033
164	9.621		0.0000	0.000	48.0	0.013	BB	0.011	71.38	0.040
165	9.637		0.0000	0.000	46.0	0.012	BB	0.011	69.01	0.039
166	9.670		0.0000	0.000	32.7	0.009	BB	0.008	65.08	0.037
167	9.719		0.0000	0.000	6756.1	1.835	BB	0.197	572.43	0.322
168	9.970		0.0000	0.000	18920.3	5.140	BB	0.584	539.70	0.304

Total Area = 368121.7, Total Amount = 9.957, Total Height = 177696.4, Sample Units = ug/l

ASX04 B932

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.14R

C:\CPWIN\DATA1\1P2235.14R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:15:12 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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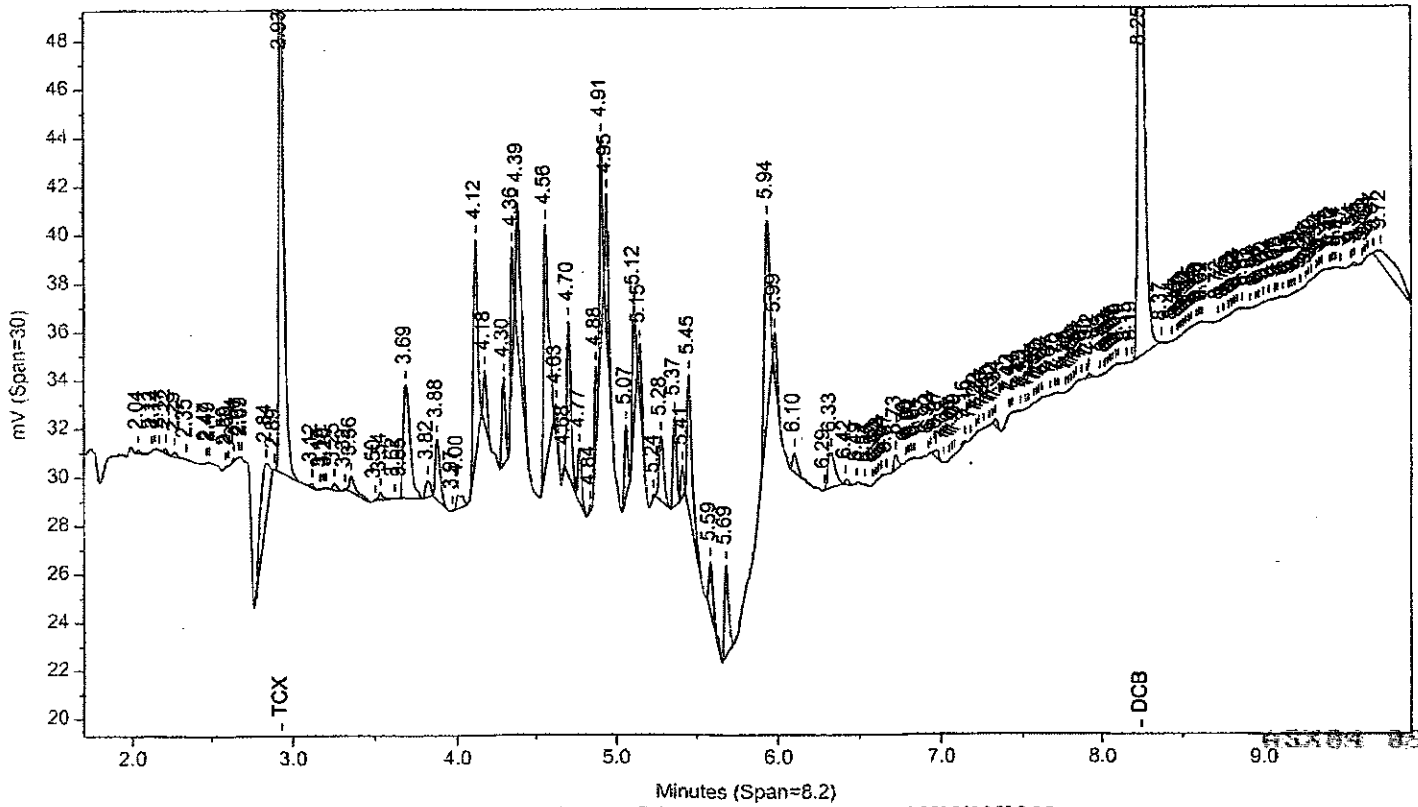


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:15:12 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

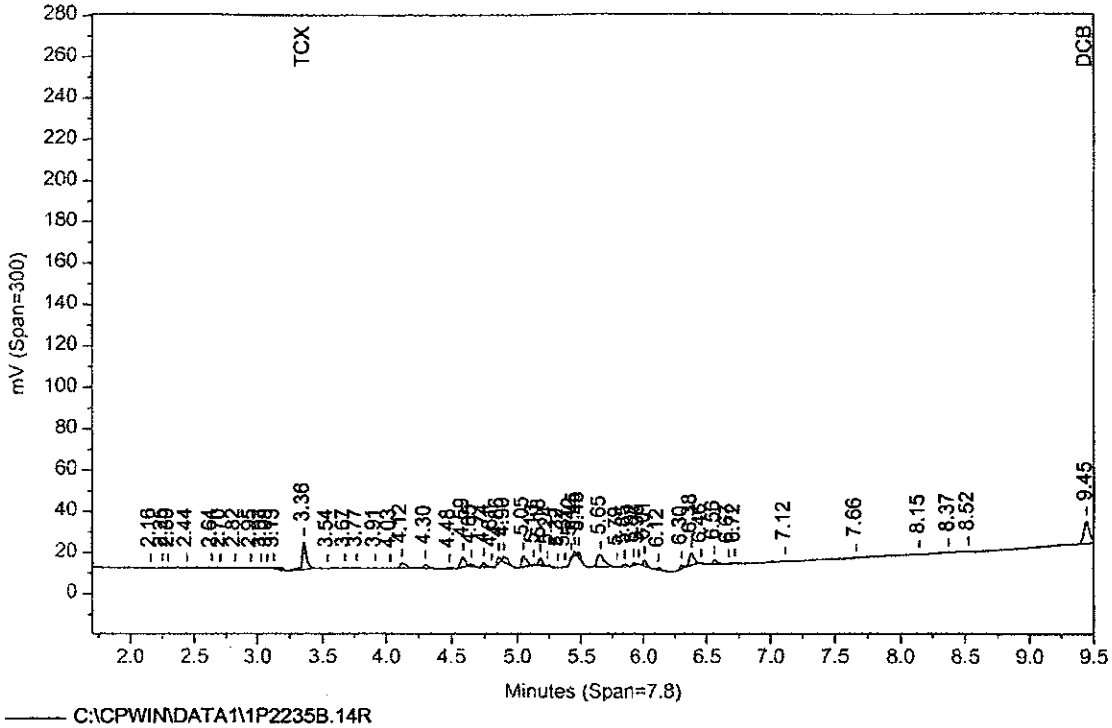
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	13452	4.21863	TCX	2.931	24159	4.53491	TCX
9.445	10973	4.79937	DCB	8.246	24938	5.42225	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.14A
Area File: C:\CPWIN\DATA1\1P2235B.14A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:33:36 AM
File Reported On: 8/25/2008 at 11:33:45 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.14R



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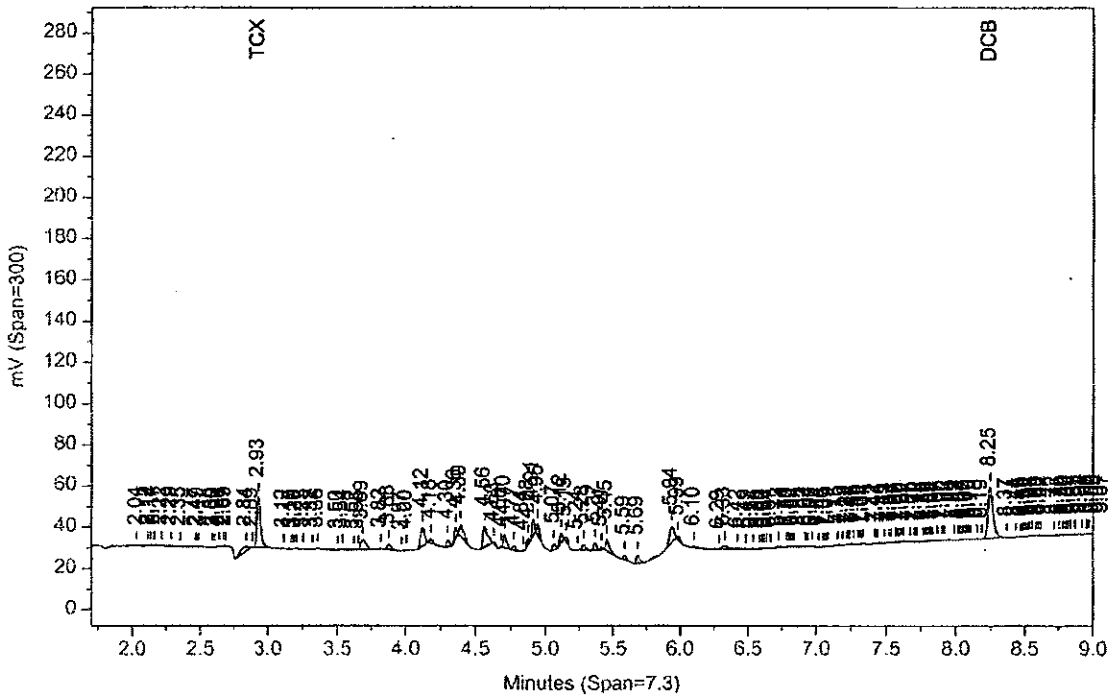

ASX84 8935

Sample Name: **AR4820824B AAAR482AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 03:39:41pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.15R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.158		0.0000	0.000	517.8	0.082	BB	0.043	201.51	0.085
2	2.257		0.0000	0.000	621.2	0.098	BB	0.063	164.98	0.069
3	2.331		0.0000	0.000	454.0	0.072	BB	0.037	206.17	0.087
4	2.441		0.0000	0.000	243.5	0.039	BB	0.024	170.29	0.072
5	2.597		0.0000	0.000	27.0	0.004	BB	0.024	18.59	0.008
6	2.638		0.0000	0.000	44.6	0.007	BB	0.023	32.62	0.014
7	2.714		0.0000	0.000	50.8	0.008	BB	0.035	24.42	0.010
8	2.815		0.0000	0.000	397.9	0.063	BB	0.070	94.76	0.040
9	2.951		0.0000	0.000	243.4	0.039	BB	0.041	97.78	0.041
10	3.027		0.0000	0.000	66.4	0.011	BB	0.025	44.43	0.019
11	3.124		0.0000	0.000	3383.7	0.536	BB	0.112	501.86	0.211
12	3.358	TCX	21.3249	49.288	135984.5	21.560	BB	0.033	67999.09	28.555
13	3.544		0.0000	0.000	19.3	0.003	BB	0.022	14.97	0.006
14	3.573		0.0000	0.000	146.7	0.023	BB	0.044	55.30	0.023
15	3.673		0.0000	0.000	1469.4	0.233	BB	0.034	730.51	0.307
16	3.767		0.0000	0.000	1483.8	0.235	BB	0.041	606.34	0.255
17	3.882		0.0000	0.000	69.5	0.011	BB	0.019	59.99	0.025
18	3.917		0.0000	0.000	266.4	0.042	BB	0.026	169.81	0.071
19	4.038		0.0000	0.000	102.5	0.016	BB	0.036	47.54	0.020
20	4.118		0.0000	0.000	15322.8	2.429	BB	0.056	4528.61	1.902
21	4.303		0.0000	0.000	8547.9	1.355	BB	0.040	3600.90	1.512
22	4.484		0.0000	0.000	1430.6	0.227	BB	0.041	578.26	0.243
23	4.591		0.0000	0.000	24012.3	3.807	BB	0.042	9564.15	4.016
24	4.653		0.0000	0.000	4378.3	0.694	BB	0.029	2505.42	1.052
25	4.746		0.0000	0.000	8503.3	1.348	BB	0.032	4405.88	1.850
26	4.808		0.0000	0.000	364.9	0.058	BB	0.019	320.99	0.135
27	4.859		0.0000	0.000	8938.7	1.417	BB	0.025	5941.57	2.495
28	4.900		0.0000	0.000	13303.7	2.109	BB	0.046	4829.88	2.028
29	5.048		0.0000	0.000	28188.6	4.469	BB	0.043	10801.61	4.536
30	5.131		0.0000	0.000	1931.0	0.306	BB	0.020	1642.74	0.690
31	5.182		0.0000	0.000	12837.8	2.035	BB	0.030	7174.40	3.013
32	5.241		0.0000	0.000	2850.4	0.452	BB	0.026	1808.04	0.759
33	5.315		0.0000	0.000	173.6	0.028	BB	0.022	129.96	0.055
34	5.374		0.0000	0.000	801.5	0.127	BB	0.024	559.25	0.235
35	5.425		0.0000	0.000	4105.4	0.651	BB	0.029	2352.57	0.988
36	5.453		0.0000	0.000	4935.8	0.783	BB	0.018	4502.92	1.891
37	5.485		0.0000	0.000	8225.6	1.304	BB	0.024	5779.95	2.427
38	5.597		0.0000	0.000	517.4	0.082	BB	0.026	334.54	0.140
39	5.656		0.0000	0.000	41738.0	6.617	BB	0.064	10786.03	4.529
40	5.790		0.0000	0.000	496.3	0.079	BB	0.024	341.94	0.144
41	5.852		0.0000	0.000	4836.4	0.767	BB	0.032	2532.46	1.063
42	5.923		0.0000	0.000	4100.5	0.650	BB	0.026	2611.77	1.097
43	5.963		0.0000	0.000	1382.6	0.219	BB	0.019	1233.37	0.518
44	6.008		0.0000	0.000	10599.1	1.680	BB	0.031	5764.19	2.421
45	6.120		0.0000	0.000	4182.7	0.663	BB	0.030	2302.88	0.967
46	6.178		0.0000	0.000	222.5	0.035	BB	0.026	143.54	0.060
47	6.250		0.0000	0.000	400.9	0.064	BB	0.027	244.48	0.103
48	6.304		0.0000	0.000	7026.5	1.114	BB	0.030	3877.86	1.628
49	6.383		0.0000	0.000	12829.9	2.034	BB	0.042	5045.86	2.119
50	6.462		0.0000	0.000	775.6	0.123	BB	0.030	429.43	0.180
51	6.564		0.0000	0.000	7943.8	1.259	BB	0.034	3872.25	1.626
52	6.725		0.0000	0.000	2631.8	0.417	BB	0.044	995.34	0.418
53	7.001		0.0000	0.000	1791.2	0.284	BB	0.072	417.44	0.175
54	7.121		0.0000	0.000	1393.9	0.221	BB	0.049	470.00	0.197
55	7.384		0.0000	0.000	1612.0	0.256	BB	0.103	259.72	0.109
56	7.717		0.0000	0.000	2030.2	0.322	BB	0.153	221.28	0.093
57	8.149		0.0000	0.000	3779.8	0.599	BB	0.228	275.95	0.116
58	8.517		0.0000	0.000	17582.0	2.788	BB	0.244	1198.68	0.503
59	9.053		0.0000	0.000	18542.7	2.940	BB	0.525	588.18	0.247
60	9.447	DCB	21.9410	50.712	168552.7	26.723	BB	0.056	50163.39	21.065
61	9.704		0.0000	0.000	227.4	0.036	BB	0.076	49.55	0.021
62	9.976		0.0000	0.000	21090.5	3.344	BB	0.206	1702.56	0.715

ASX84-0936

Total Area = 630731.1, Total Amount = 43.266, Total Height = 238130.8, Sample Units = ug/l

ASX84 8937

Sample Name: **AR4820824B AAAR482AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 03:39:41pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.15R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	777.3	0.080	BB	0.035	370.47	0.083
2	2.117		0.0000	0.000	36.2	0.004	BB	0.008	72.55	0.016
3	2.133		0.0000	0.000	135.8	0.014	BB	0.016	141.52	0.032
4	2.167		0.0000	0.000	520.3	0.054	BB	0.048	180.41	0.040
5	2.283		0.0000	0.000	473.8	0.049	BB	0.029	276.33	0.062
6	2.350		0.0000	0.000	468.8	0.048	BB	0.044	177.13	0.040
7	2.483		0.0000	0.000	718.8	0.074	BB	0.056	212.59	0.048
8	2.583		0.0000	0.000	56.8	0.006	BB	0.012	77.43	0.017
9	2.617		0.0000	0.000	30.6	0.003	BB	0.009	55.63	0.012
10	2.633		0.0000	0.000	117.0	0.012	BB	0.015	132.33	0.030
11	2.683		0.0000	0.000	5616.6	0.580	BB	0.092	1016.39	0.228
12	2.833		0.0000	0.000	5731.3	0.592	BB	0.073	1303.83	0.293
13	2.932	TCX	21.3916	48.963	240920.7	24.886	BB	0.035	113960.20	25.572
14	3.067		0.0000	0.000	119.6	0.012	BB	0.015	129.71	0.029
15	3.183		0.0000	0.000	120.8	0.012	BB	0.016	126.50	0.028
16	3.220		0.0000	0.000	23.4	0.002	N	-0.006	- 62.10	0.014
17	3.257		0.0000	0.000	2711.5	0.280	BB	0.030	1490.79	0.335
18	3.359		0.0000	0.000	2840.7	0.293	BB	0.036	1303.82	0.293
19	3.433		0.0000	0.000	213.8	0.022	BB	0.016	227.76	0.051
20	3.500		0.0000	0.000	50.3	0.005	BB	0.009	89.87	0.020
21	3.534		0.0000	0.000	1326.6	0.137	BB	0.044	498.79	0.112
22	3.692		0.0000	0.000	25804.1	2.665	BB	0.048	8914.26	2.000
23	3.824		0.0000	0.000	2327.8	0.240	BB	0.037	1054.66	0.237
24	3.879		0.0000	0.000	10686.6	1.104	BB	0.034	5279.34	1.185
25	3.974		0.0000	0.000	146.2	0.015	BB	0.017	145.62	0.033
26	4.008		0.0000	0.000	3052.6	0.315	BB	0.045	1130.10	0.254
27	4.123		0.0000	0.000	37874.9	3.912	BB	0.036	17659.48	3.963
28	4.181		0.0000	0.000	6573.7	0.679	BB	0.027	4058.98	0.911
29	4.303		0.0000	0.000	11336.6	1.171	BB	0.027	7033.08	1.578
30	4.361		0.0000	0.000	12492.4	1.290	BB	0.022	9370.55	2.103
31	4.396		0.0000	0.000	24699.7	2.551	BB	0.037	11012.04	2.471
32	4.565		0.0000	0.000	41681.8	4.305	BB	0.037	18534.87	4.159
33	4.630		0.0000	0.000	2617.0	0.270	BB	0.018	2411.63	0.541
34	4.707		0.0000	0.000	25504.7	2.634	BB	0.032	13162.52	2.954
35	4.773		0.0000	0.000	6562.5	0.678	BB	0.027	4118.84	0.924
36	4.844		0.0000	0.000	488.4	0.050	BB	0.019	432.25	0.097
37	4.878		0.0000	0.000	7780.8	0.804	BB	0.022	5802.89	1.302
38	4.914		0.0000	0.000	19138.7	1.977	BB	0.021	15356.83	3.446
39	4.949		0.0000	0.000	13366.5	1.381	BB	0.021	10733.91	2.409
40	5.068		0.0000	0.000	8707.8	0.899	BB	0.025	5863.69	1.316
41	5.119		0.0000	0.000	13819.8	1.427	BB	0.026	8881.01	1.993
42	5.155		0.0000	0.000	4856.3	0.502	BB	0.018	4438.69	0.996
43	5.234		0.0000	0.000	564.6	0.058	BB	0.020	472.81	0.106
44	5.284		0.0000	0.000	9693.5	1.001	BB	0.033	4924.07	1.105
45	5.369		0.0000	0.000	10739.8	1.109	BB	0.026	6870.48	1.542
46	5.415		0.0000	0.000	2865.4	0.296	BB	0.019	2500.08	0.561
47	5.457		0.0000	0.000	20754.2	2.144	BB	0.033	10614.10	2.382
48	5.593		0.0000	0.000	10444.5	1.079	BB	0.037	4757.68	1.068
49	5.688		0.0000	0.000	13966.8	1.443	BB	0.031	7423.08	1.666
50	5.834		0.0000	0.000	2136.6	0.221	BB	0.250	142.43	0.032
51	5.943		0.0000	0.000	16937.6	1.750	BB	0.039	7180.49	1.611
52	5.992		0.0000	0.000	7594.0	0.784	BB	0.024	5196.62	1.166
53	6.101		0.0000	0.000	3736.1	0.386	BB	0.038	1648.28	0.370
54	6.332		0.0000	0.000	4698.6	0.485	BB	0.052	1515.59	0.340
55	6.433		0.0000	0.000	957.4	0.099	BB	0.029	550.96	0.124
56	6.500		0.0000	0.000	99.9	0.010	BB	0.015	107.80	0.024
57	6.533		0.0000	0.000	198.4	0.020	BB	0.022	152.61	0.034
58	6.617		0.0000	0.000	206.5	0.021	BB	0.017	200.89	0.045
59	6.650		0.0000	0.000	303.9	0.031	BB	0.022	225.17	0.051
60	6.733		0.0000	0.000	637.3	0.066	BB	0.031	345.18	0.077
61	6.800		0.0000	0.000	67.2	0.007	BB	0.015	75.07	0.017
62	6.833		0.0000	0.000	88.3	0.009	BB	0.017	88.03	0.020

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.850		0.0000	0.000	27.3	0.003	BB	0.006	74.18	0.017
64	6.883		0.0000	0.000	41.0	0.004	BB	0.009	78.09	0.018
65	6.900		0.0000	0.000	33.4	0.003	BB	0.009	60.67	0.014
66	6.917		0.0000	0.000	35.2	0.004	BB	0.009	67.68	0.015
67	6.950		0.0000	0.000	109.6	0.011	BB	0.019	96.13	0.022
68	6.967		0.0000	0.000	24.0	0.002	BB	0.006	69.87	0.016
69	6.984		0.0000	0.000	688.9	0.071	BB	0.040	284.31	0.064
70	7.067		0.0000	0.000	30.5	0.003	BB	0.007	69.50	0.016
71	7.084		0.0000	0.000	36.7	0.004	BB	0.009	71.92	0.016
72	7.100		0.0000	0.000	27.0	0.003	BB	0.008	59.36	0.013
73	7.117		0.0000	0.000	31.2	0.003	BB	0.008	62.02	0.014
74	7.134		0.0000	0.000	33.6	0.003	BB	0.008	67.47	0.015
75	7.150		0.0000	0.000	48.1	0.005	BB	0.010	82.85	0.019
76	7.183		0.0000	0.000	30.0	0.003	BB	0.006	85.03	0.019
77	7.200		0.0000	0.000	35.1	0.004	BB	0.008	73.24	0.016
78	7.217		0.0000	0.000	46.9	0.005	BB	0.010	74.74	0.017
79	7.233		0.0000	0.000	35.6	0.004	BB	0.008	74.36	0.017
80	7.250		0.0000	0.000	43.2	0.004	BB	0.009	79.25	0.018
81	7.267		0.0000	0.000	41.8	0.004	BB	0.009	81.08	0.018
82	7.300		0.0000	0.000	35.3	0.004	BB	0.007	78.62	0.018
83	7.317		0.0000	0.000	45.4	0.005	BB	0.009	81.88	0.018
84	7.333		0.0000	0.000	833.6	0.086	BB	0.022	644.73	0.145
85	7.418		0.0000	0.000	334.2	0.035	BB	0.043	129.15	0.029
86	7.451		0.0000	0.000	131.8	0.014	BB	0.023	94.26	0.021
87	7.467		0.0000	0.000	39.2	0.004	BB	0.009	72.54	0.016
88	7.484		0.0000	0.000	48.7	0.005	BB	0.010	79.15	0.018
89	7.501		0.0000	0.000	34.9	0.004	BB	0.010	59.63	0.013
90	7.517		0.0000	0.000	51.5	0.005	BB	0.010	83.49	0.019
91	7.534		0.0000	0.000	37.7	0.004	BB	0.008	78.85	0.018
92	7.551		0.0000	0.000	43.9	0.005	BB	0.009	77.63	0.017
93	7.566		0.0000	0.000	46.0	0.005	BB	0.008	92.36	0.021
94	7.600		0.0000	0.000	29.6	0.003	BB	0.007	68.54	0.015
95	7.616		0.0000	0.000	40.7	0.004	BB	0.008	85.01	0.019
96	7.633		0.0000	0.000	66.6	0.007	BB	0.012	94.03	0.021
97	7.683		0.0000	0.000	28.3	0.003	BB	0.007	69.60	0.016
98	7.700		0.0000	0.000	25.0	0.003	BB	0.006	70.41	0.016
99	7.733		0.0000	0.000	116.7	0.012	BB	0.026	73.48	0.016
100	7.750		0.0000	0.000	29.3	0.003	BB	0.006	78.64	0.018
101	7.767		0.0000	0.000	35.8	0.004	BB	0.008	73.46	0.016
102	7.783		0.0000	0.000	37.0	0.004	BB	0.008	80.01	0.018
103	7.800		0.0000	0.000	40.5	0.004	BB	0.008	81.24	0.018
104	7.833		0.0000	0.000	37.9	0.004	BB	0.008	76.70	0.017
105	7.850		0.0000	0.000	34.4	0.004	BB	0.009	67.38	0.015
106	7.866		0.0000	0.000	37.0	0.004	BB	0.008	79.67	0.018
107	7.883		0.0000	0.000	32.0	0.003	BB	0.007	71.62	0.016
108	7.926		0.0000	0.000	2272.5	0.235	BB	0.037	1020.26	0.229
109	8.016		0.0000	0.000	34.5	0.004	BB	0.007	76.84	0.017
110	8.050		0.0000	0.000	68.2	0.007	BB	0.016	71.65	0.016
111	8.067		0.0000	0.000	34.3	0.004	BB	0.008	73.56	0.017
112	8.083		0.0000	0.000	35.2	0.004	BB	0.007	78.55	0.018
113	8.100		0.0000	0.000	37.8	0.004	BB	0.009	73.51	0.016
114	8.117		0.0000	0.000	38.6	0.004	BB	0.008	76.62	0.017
115	8.134		0.0000	0.000	41.2	0.004	BB	0.009	78.28	0.018
116	8.167		0.0000	0.000	93.8	0.010	BB	0.020	78.74	0.018
117	8.251	DCB	22.2976	51.037	294711.1	30.442	BB	0.048	102552.80	23.012
118	8.483		0.0000	0.000	32.5	0.003	BB	0.007	72.82	0.016
119	8.500		0.0000	0.000	30.2	0.003	BB	0.007	75.67	0.017
120	8.517		0.0000	0.000	42.1	0.004	BB	0.008	83.51	0.019
121	8.550		0.0000	0.000	99.4	0.010	BB	0.020	80.87	0.018
122	8.566		0.0000	0.000	66.9	0.007	BB	0.013	83.66	0.019
123	8.616		0.0000	0.000	34.4	0.004	BB	0.007	84.89	0.019
124	8.650		0.0000	0.000	41.1	0.004	BB	0.008	84.05	0.019
125	8.683		0.0000	0.000	95.2	0.010	BB	0.019	82.75	0.019
126	8.716		0.0000	0.000	26.4	0.003	BB	0.006	72.96	0.016
127	8.733		0.0000	0.000	112.4	0.012	BB	0.019	96.63	0.022
128	8.800		0.0000	0.000	24.4	0.003	BB	0.006	65.69	0.015
129	8.816		0.0000	0.000	31.2	0.003	BB	0.008	68.31	0.015
130	8.833		0.0000	0.000	45.1	0.005	BB	0.008	95.97	0.022
131	8.850		0.0000	0.000	29.3	0.003	BB	0.007	65.96	0.015
132	8.883		0.0000	0.000	38.0	0.004	BB	0.008	84.27	0.019

ASX04 8939

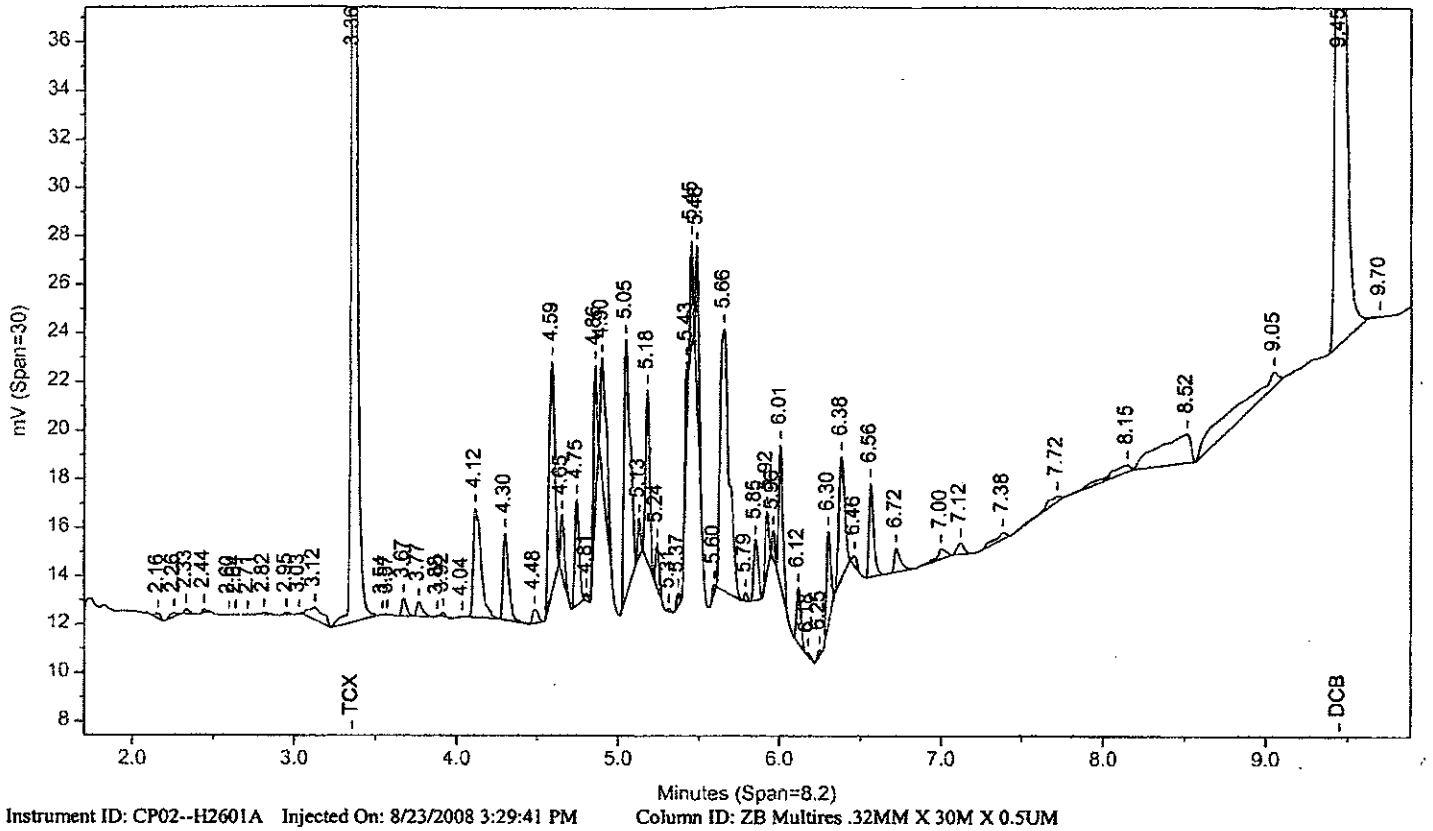
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	8.917		0.0000	0.000	31.3	0.003	BB	0.007	73.40	0.016
134	8.933		0.0000	0.000	29.4	0.003	BB	0.006	87.86	0.020
135	8.966		0.0000	0.000	74.5	0.008	BB	0.014	88.02	0.020
136	9.000		0.0000	0.000	33.4	0.003	BB	0.006	86.36	0.019
137	9.033		0.0000	0.000	39.1	0.004	BB	0.007	94.95	0.021
138	9.050		0.0000	0.000	99.9	0.010	BB	0.019	87.19	0.020
139	9.117		0.0000	0.000	35.4	0.004	BB	0.007	86.70	0.019
140	9.133		0.0000	0.000	42.2	0.004	BB	0.009	81.56	0.018
141	9.150		0.0000	0.000	37.0	0.004	BB	0.009	69.94	0.016
142	9.167		0.0000	0.000	34.4	0.004	BB	0.006	89.66	0.020
143	9.216		0.0000	0.000	157.9	0.016	BB	0.030	86.52	0.019
144	9.283		0.0000	0.000	68.4	0.007	BB	0.014	83.18	0.019
145	9.299		0.0000	0.000	40.0	0.004	BB	0.008	86.59	0.019
146	9.350		0.0000	0.000	140.4	0.015	BB	0.031	76.32	0.017
147	9.367		0.0000	0.000	28.2	0.003	BB	0.007	71.73	0.016
148	9.400		0.0000	0.000	31.1	0.003	BB	0.007	78.99	0.018
149	9.417		0.0000	0.000	53.0	0.005	BB	0.012	76.34	0.017
150	9.450		0.0000	0.000	43.0	0.004	BB	0.008	84.76	0.019
151	9.483		0.0000	0.000	111.1	0.011	BB	0.019	97.29	0.022
152	9.516		0.0000	0.000	73.2	0.008	BB	0.014	89.50	0.020
153	9.550		0.0000	0.000	32.9	0.003	BB	0.008	65.48	0.015
154	9.566		0.0000	0.000	76.3	0.008	BB	0.012	103.56	0.023
155	9.617		0.0000	0.000	48.5	0.005	BB	0.009	90.43	0.020
156	9.667		0.0000	0.000	137.6	0.014	BB	0.029	80.06	0.018
157	9.716		0.0000	0.000	7567.9	0.782	BB	0.202	624.79	0.140
158	9.933		0.0000	0.000	7959.8	0.822	BB	0.122	1089.31	0.244
159	9.950		0.0000	0.000	80.5	0.008	BB	0.012	110.65	0.025

Total Area = 968114.9, Total Amount = 43.689, Total Height = 445642.4, Sample Units = ug/l

ASX84: 8948

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.15R

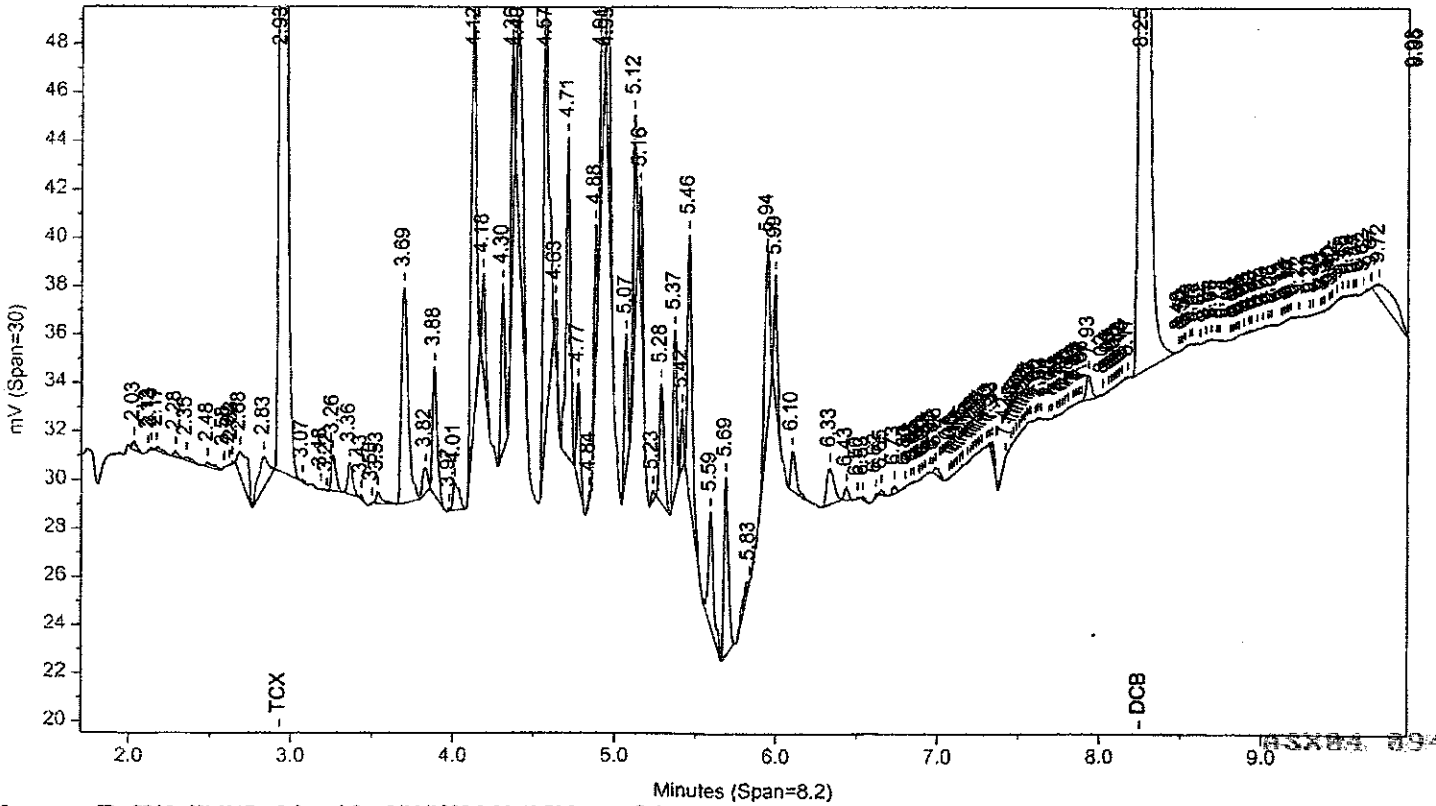
——— C:\CPWIN\DATA1\1P2235.15R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:29:41 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.15R

——— C:\CPWIN\DATA1\1P2235B.15R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:29:41 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

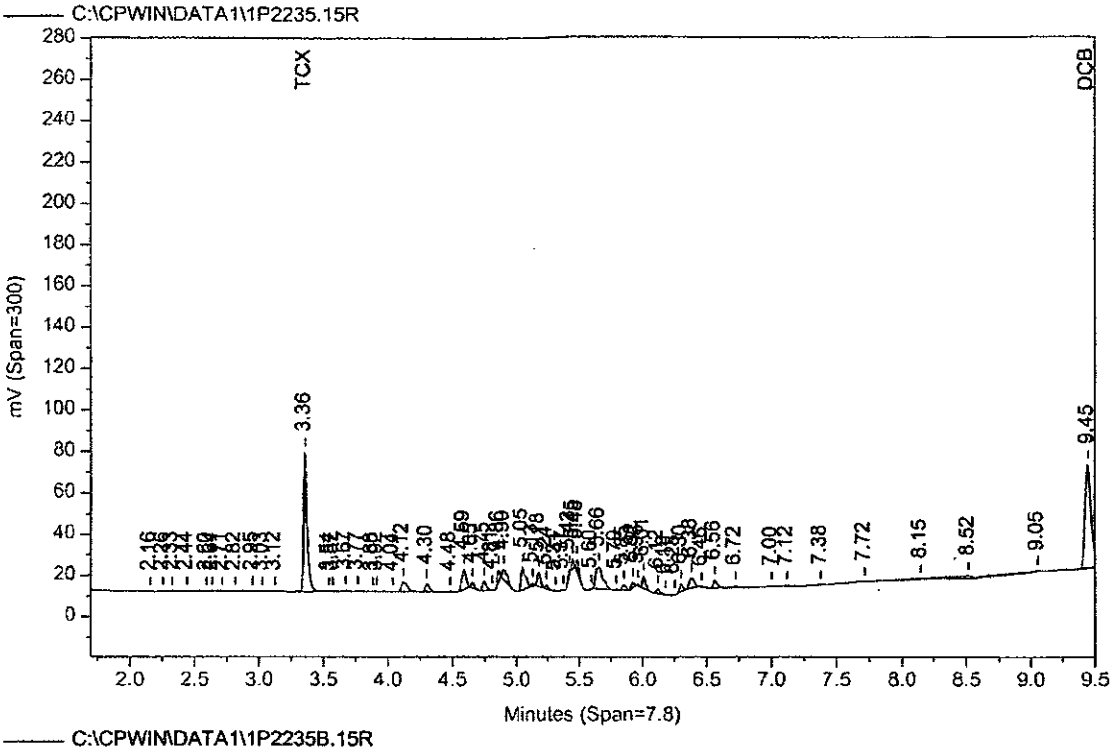
Dilution Factor: 1

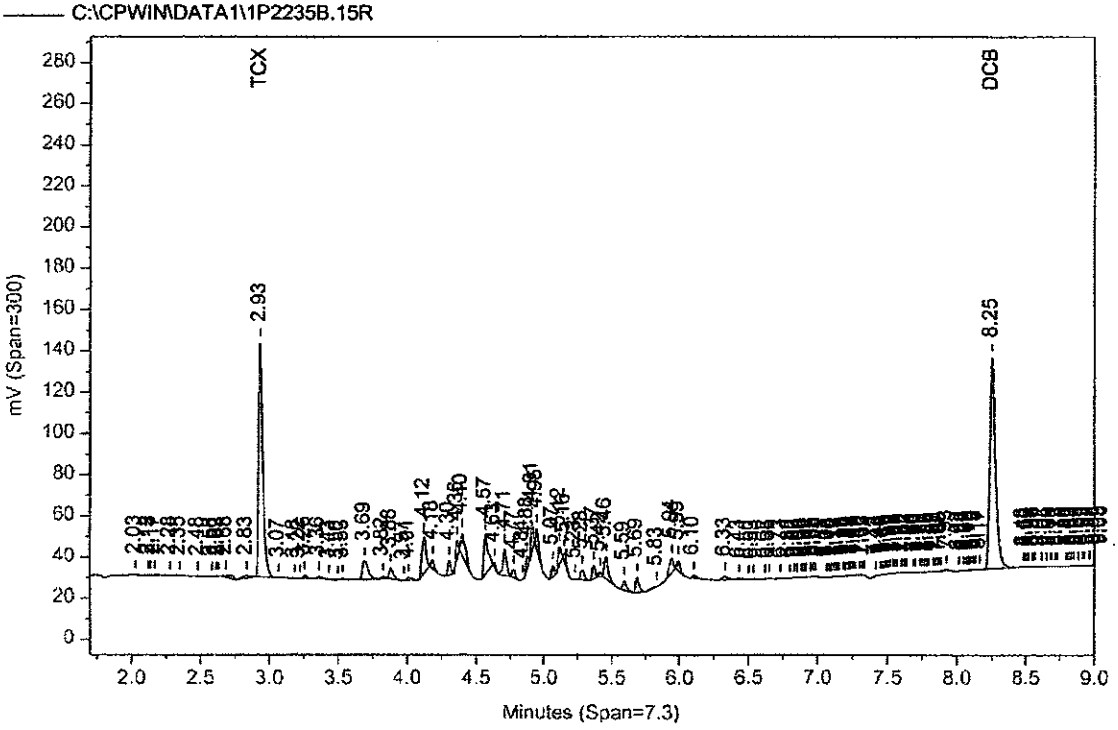
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	67999	21.32487	TCX	2.932	113960	21.39164	TCX
9.447	50163	21.941	DCB	8.251	102553	22.29756	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.15A
Area File: C:\CPWIN\DATA1\1P2235B.15A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:33:54 AM
File Reported On: 8/25/2008 at 11:34:02 AM

10X REPLOTS

ASX84 8942


C:\CPWIN\DATA1\1P2235.15R
TCX
DCB
3.36
9.45
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\1P2235B.15R
TCX
DCB
2.93
8.25
mV (Span=300)
Minutes (Span=7.3)

ASXB4 8943

Sample Name: **AR4830824B AAAR483AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 03:54:10pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.16R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	712.1	0.066	BB	0.036	325.43	0.073
2	2.162		0.0000	0.000	1724.4	0.159	BB	0.042	681.35	0.154
3	2.254		0.0000	0.000	164.2	0.015	BB	0.027	100.81	0.023
4	2.334		0.0000	0.000	919.4	0.085	BB	0.043	354.66	0.080
5	2.437		0.0000	0.000	127.9	0.012	BB	0.024	88.30	0.020
6	2.481		0.0000	0.000	50.7	0.005	BB	0.018	46.29	0.010
7	2.534		0.0000	0.000	7414.4	0.685	BB	0.060	2060.56	0.465
8	2.700		0.0000	0.000	4328.1	0.400	BB	0.047	1534.54	0.346
9	2.807		0.0000	0.000	1642.1	0.152	BB	0.055	497.69	0.112
10	2.879		0.0000	0.000	1261.9	0.117	BB	0.030	709.84	0.160
11	2.956		0.0000	0.000	2295.7	0.212	BB	0.036	1049.49	0.237
12	3.028		0.0000	0.000	1958.0	0.181	BB	0.031	1038.92	0.234
13	3.095		0.0000	0.000	550.1	0.051	BB	0.040	227.86	0.051
14	3.297		0.0000	0.000	1034.8	0.096	BB	0.080	216.09	0.049
15	3.358	TCX	40.5519	49.854	256378.5	23.688	BB	0.033	129308.80	29.181
16	3.491		0.0000	0.000	108.0	0.010	BB	0.023	76.82	0.017
17	3.546		0.0000	0.000	137.6	0.013	BB	0.027	84.07	0.019
18	3.674		0.0000	0.000	2985.3	0.276	BB	0.037	1342.69	0.303
19	3.767		0.0000	0.000	2815.7	0.260	BB	0.037	1275.05	0.288
20	3.879		0.0000	0.000	300.9	0.028	BB	0.037	136.74	0.031
21	3.917		0.0000	0.000	598.3	0.055	BB	0.027	362.96	0.082
22	4.029		0.0000	0.000	360.1	0.033	BB	0.043	138.04	0.031
23	4.118		0.0000	0.000	27290.1	2.521	BB	0.056	8098.69	1.828
24	4.305		0.0000	0.000	12609.1	1.165	BB	0.037	5715.96	1.290
25	4.426		0.0000	0.000	958.3	0.089	BB	0.045	353.43	0.080
26	4.484		0.0000	0.000	2419.0	0.223	BB	0.040	1000.27	0.226
27	4.592		0.0000	0.000	43179.3	3.989	BB	0.040	17826.21	4.023
28	4.654		0.0000	0.000	7950.0	0.735	BB	0.029	4593.92	1.037
29	4.746		0.0000	0.000	13865.9	1.281	BB	0.031	7519.48	1.697
30	4.808		0.0000	0.000	624.0	0.058	BB	0.019	548.11	0.124
31	4.859		0.0000	0.000	16509.3	1.525	BB	0.025	10892.89	2.458
32	4.901		0.0000	0.000	24891.1	2.300	BB	0.047	8904.34	2.009
33	5.049		0.0000	0.000	49593.8	4.582	BB	0.044	18980.21	4.283
34	5.131		0.0000	0.000	3363.1	0.311	BB	0.019	2903.08	0.655
35	5.182		0.0000	0.000	23074.9	2.132	BB	0.029	13055.22	2.946
36	5.240		0.0000	0.000	4102.2	0.379	BB	0.023	2933.04	0.662
37	5.330		0.0000	0.000	657.1	0.061	BB	0.023	467.92	0.106
38	5.373		0.0000	0.000	1153.2	0.107	BB	0.022	856.89	0.193
39	5.423		0.0000	0.000	6856.2	0.633	BB	0.024	4716.93	1.064
40	5.450		0.0000	0.000	8821.7	0.815	BB	0.017	8410.54	1.898
41	5.482		0.0000	0.000	15603.7	1.442	BB	0.022	11626.55	2.624
42	5.592		0.0000	0.000	1108.5	0.102	BB	0.025	749.83	0.169
43	5.658		0.0000	0.000	76082.7	7.030	BB	0.067	19048.82	4.299
44	5.790		0.0000	0.000	825.7	0.076	BB	0.023	598.44	0.135
45	5.851		0.0000	0.000	8638.3	0.798	BB	0.032	4514.47	1.019
46	5.921		0.0000	0.000	7951.3	0.735	BB	0.026	5185.38	1.170
47	5.962		0.0000	0.000	2290.9	0.212	BB	0.018	2099.21	0.474
48	6.006		0.0000	0.000	18949.0	1.751	BB	0.031	10331.76	2.332
49	6.120		0.0000	0.000	7641.9	0.706	BB	0.030	4248.61	0.959
50	6.176		0.0000	0.000	706.2	0.065	BB	0.037	321.95	0.073
51	6.245		0.0000	0.000	846.1	0.078	BB	0.022	629.27	0.142
52	6.301		0.0000	0.000	14214.6	1.313	BB	0.031	7561.00	1.706
53	6.379		0.0000	0.000	12811.4	1.184	BB	0.041	5176.05	1.168
54	6.461		0.0000	0.000	2329.3	0.215	BB	0.037	1046.47	0.236
55	6.563		0.0000	0.000	14526.4	1.342	BB	0.033	7253.45	1.637
56	6.724		0.0000	0.000	4431.6	0.409	BB	0.043	1727.26	0.390
57	6.820		0.0000	0.000	68.6	0.006	BB	0.020	56.37	0.013
58	6.871		0.0000	0.000	133.7	0.012	BB	0.032	70.49	0.016
59	7.000		0.0000	0.000	1870.4	0.173	BB	0.050	620.34	0.140
60	7.114		0.0000	0.000	1574.8	0.146	BB	0.056	467.68	0.106
61	7.230		0.0000	0.000	72.3	0.007	BB	0.024	49.57	0.011
62	7.288		0.0000	0.000	813.1	0.075	BB	0.042	321.93	0.073

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.381		0.0000	0.000	721.8	0.067	BB	0.037	324.90	0.073
64	7.472		0.0000	0.000	169.6	0.016	BB	0.031	90.42	0.020
65	7.668		0.0000	0.000	397.2	0.037	BB	0.029	224.92	0.051
66	7.713		0.0000	0.000	263.2	0.024	BB	0.034	129.20	0.029
67	7.814		0.0000	0.000	308.4	0.028	BB	0.048	107.22	0.024
68	7.850		0.0000	0.000	28.0	0.003	BB	0.016	29.06	0.007
69	7.944		0.0000	0.000	422.6	0.039	BB	0.086	82.23	0.019
70	8.059		0.0000	0.000	827.5	0.076	BB	0.067	205.07	0.046
71	8.162		0.0000	0.000	269.2	0.025	BB	0.039	115.10	0.026
72	8.242		0.0000	0.000	221.4	0.020	BB	0.059	62.88	0.014
73	8.293		0.0000	0.000	76.5	0.007	BB	0.026	49.99	0.011
74	8.518		0.0000	0.000	5008.6	0.463	BB	0.134	621.33	0.140
75	8.884		0.0000	0.000	5007.4	0.463	BB	0.903	92.45	0.021
76	9.055		0.0000	0.000	1750.1	0.162	BB	0.039	755.41	0.170
77	9.314		0.0000	0.000	987.3	0.091	BB	0.147	111.61	0.025
78	9.448	DCB	40.7894	50.146	315107.6	29.114	BB	0.056	93256.16	21.045
79	9.674		0.0000	0.000	19.8	0.002	BB	0.019	17.03	0.004
80	9.702		0.0000	0.000	21.8	0.002	BB	0.014	25.58	0.006
81	9.789		0.0000	0.000	65.5	0.006	BB	0.024	44.73	0.010
82	9.954		0.0000	0.000	21374.7	1.975	BB	0.098	3641.14	0.822

Total Area = 1082326.0, Total Amount = 81.341, Total Height = 443125.3, Sample Units = ug/l

ASX84 0945

Sample Name: **AR4830824B AAAR483AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 03:54:10pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.16R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.029		0.0000	0.000	1177.3	0.069	BB	0.030	645.41	0.085
2	2.137		0.0000	0.000	2131.4	0.124	BB	0.062	569.20	0.075
3	2.170		0.0000	0.000	645.4	0.038	BB	0.035	305.90	0.040
4	2.287		0.0000	0.000	497.2	0.029	BB	0.040	204.90	0.027
5	2.403		0.0000	0.000	17265.5	1.008	BB	0.064	4525.15	0.594
6	2.580		0.0000	0.000	4990.6	0.291	BB	0.041	2038.00	0.267
7	2.653		0.0000	0.000	812.1	0.047	BB	0.081	167.23	0.022
8	2.669		0.0000	0.000	633.2	0.037	BB	0.022	483.76	0.063
9	2.735		0.0000	0.000	979.8	0.057	BB	0.012	1371.20	0.180
10	2.803		0.0000	0.000	6868.7	0.401	BB	0.056	2052.02	0.269
11	2.932	TCX	38.5114	49.804	466131.5	27.211	BB	0.038	205162.70	26.927
12	3.120		0.0000	0.000	429.8	0.025	BB	0.024	302.39	0.040
13	3.185		0.0000	0.000	200.0	0.012	BB	0.014	240.41	0.032
14	3.258		0.0000	0.000	4926.2	0.288	BB	0.033	2524.26	0.331
15	3.359		0.0000	0.000	5497.7	0.321	BB	0.040	2284.94	0.300
16	3.470		0.0000	0.000	37.5	0.002	BB	0.010	63.23	0.008
17	3.487		0.0000	0.000	32.4	0.002	BB	0.008	65.64	0.009
18	3.503		0.0000	0.000	38.0	0.002	BB	0.010	62.79	0.008
19	3.536		0.0000	0.000	1190.0	0.069	BB	0.028	711.08	0.093
20	3.587		0.0000	0.000	33.3	0.002	BB	0.009	58.68	0.008
21	3.636		0.0000	0.000	1396.6	0.082	BB	0.036	644.41	0.085
22	3.691		0.0000	0.000	40421.2	2.360	BB	0.049	13842.79	1.817
23	3.836		0.0000	0.000	401.5	0.023	BB	0.021	318.95	0.042
24	3.879		0.0000	0.000	19674.9	1.149	BB	0.037	8751.29	1.149
25	3.971		0.0000	0.000	179.8	0.010	BB	0.013	227.70	0.030
26	4.009		0.0000	0.000	4469.8	0.261	BB	0.046	1621.37	0.213
27	4.124		0.0000	0.000	61209.9	3.573	BB	0.035	28880.20	3.790
28	4.181		0.0000	0.000	11204.2	0.654	BB	0.028	6656.31	0.874
29	4.304		0.0000	0.000	19143.1	1.117	BB	0.026	12055.12	1.582
30	4.360		0.0000	0.000	20109.5	1.174	BB	0.023	14441.86	1.895
31	4.394		0.0000	0.000	39344.3	2.297	BB	0.039	16879.98	2.215
32	4.564		0.0000	0.000	67255.0	3.926	BB	0.037	30129.26	3.954
33	4.629		0.0000	0.000	5484.7	0.320	BB	0.019	4907.39	0.644
34	4.705		0.0000	0.000	43579.5	2.544	BB	0.033	22180.66	2.911
35	4.772		0.0000	0.000	10812.0	0.631	BB	0.027	6626.88	0.870
36	4.843		0.0000	0.000	720.5	0.042	BB	0.019	627.90	0.082
37	4.878		0.0000	0.000	11455.7	0.669	BB	0.019	9839.98	1.291
38	4.914		0.0000	0.000	32965.1	1.924	BB	0.021	25855.68	3.393
39	4.949		0.0000	0.000	24465.4	1.428	BB	0.022	18756.95	2.462
40	5.068		0.0000	0.000	14298.3	0.835	BB	0.025	9625.56	1.263
41	5.118		0.0000	0.000	22377.2	1.306	BB	0.024	15505.97	2.035
42	5.154		0.0000	0.000	9955.2	0.581	BB	0.021	7930.78	1.041
43	5.231		0.0000	0.000	993.0	0.058	BB	0.019	855.49	0.112
44	5.283		0.0000	0.000	15120.1	0.883	BB	0.033	7744.04	1.016
45	5.369		0.0000	0.000	17743.5	1.036	BB	0.026	11507.85	1.510
46	5.415		0.0000	0.000	4741.0	0.277	BB	0.019	4100.99	0.538
47	5.456		0.0000	0.000	33633.7	1.963	BB	0.031	17904.36	2.350
48	5.591		0.0000	0.000	13710.2	0.800	BB	0.031	7404.73	0.972
49	5.635		0.0000	0.000	565.2	0.033	BB	0.014	694.55	0.091
50	5.687		0.0000	0.000	26307.9	1.536	BB	0.033	13127.85	1.723
51	5.817		0.0000	0.000	3434.6	0.200	BB	0.051	1131.54	0.149
52	5.941		0.0000	0.000	17230.6	1.006	BB	0.039	7428.28	0.975
53	5.991		0.0000	0.000	17977.5	1.049	BB	0.027	10946.16	1.437
54	6.102		0.0000	0.000	7105.0	0.415	BB	0.039	3020.74	0.396
55	6.287		0.0000	0.000	25.0	0.001	BB	0.007	61.10	0.008
56	6.346		0.0000	0.000	2323.2	0.136	BB	0.059	655.64	0.086
57	6.429		0.0000	0.000	1352.9	0.079	BB	0.028	796.15	0.104
58	6.487		0.0000	0.000	17.8	0.001	BB	0.007	40.60	0.005
59	6.503		0.0000	0.000	38.5	0.002	BB	0.009	71.47	0.009
60	6.520		0.0000	0.000	390.5	0.023	BB	0.046	141.66	0.019
61	6.620		0.0000	0.000	199.8	0.012	BB	0.019	178.95	0.023
62	6.649		0.0000	0.000	721.5	0.042	BB	0.030	404.01	0.053

ASX84-0946

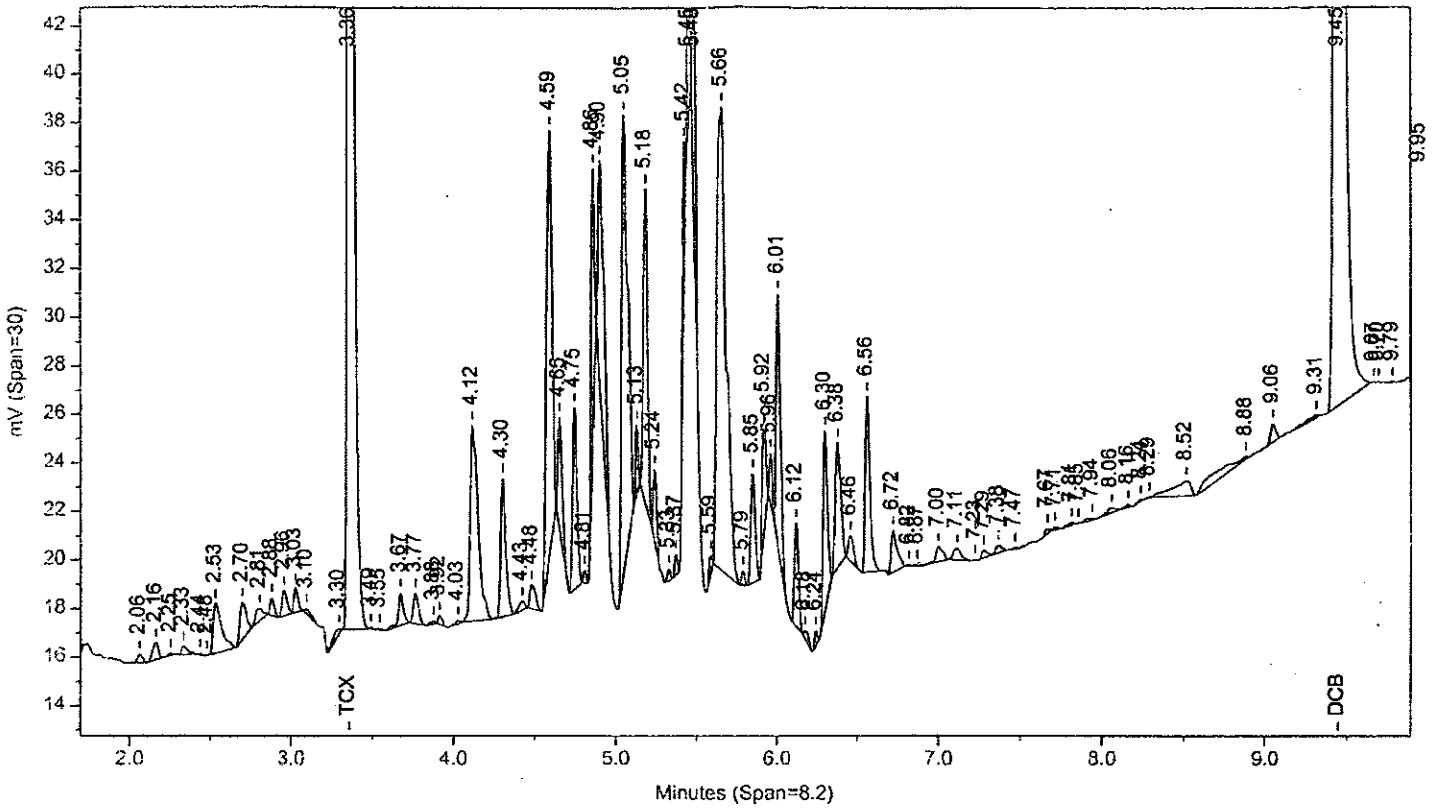
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.732		0.0000	0.000	1233.0	0.072	BB	0.038	545.48	0.072
64	6.802		0.0000	0.000	91.6	0.005	BB	0.017	90.75	0.012
65	6.836		0.0000	0.000	184.0	0.011	BB	0.025	123.47	0.016
66	6.897		0.0000	0.000	73.7	0.004	BB	0.019	63.19	0.008
67	6.921		0.0000	0.000	29.6	0.002	BB	0.010	48.51	0.006
68	6.936		0.0000	0.000	179.3	0.010	BB	0.023	127.40	0.017
69	6.988		0.0000	0.000	951.2	0.056	BB	0.041	388.88	0.051
70	7.086		0.0000	0.000	56.7	0.003	BB	0.012	76.68	0.010
71	7.137		0.0000	0.000	496.7	0.029	BB	0.031	268.60	0.035
72	7.219		0.0000	0.000	123.3	0.007	BB	0.028	72.94	0.010
73	7.253		0.0000	0.000	69.3	0.004	BB	0.018	65.74	0.009
74	7.303		0.0000	0.000	135.5	0.008	BB	0.045	50.37	0.007
75	7.336		0.0000	0.000	1444.4	0.084	BB	0.034	699.38	0.092
76	7.421		0.0000	0.000	97.5	0.006	BB	0.021	76.43	0.010
77	7.452		0.0000	0.000	116.7	0.007	BB	0.020	98.47	0.013
78	7.486		0.0000	0.000	112.5	0.007	BB	0.020	95.55	0.013
79	7.520		0.0000	0.000	73.4	0.004	BB	0.013	97.74	0.013
80	7.570		0.0000	0.000	943.5	0.055	BB	0.047	333.43	0.044
81	7.636		0.0000	0.000	72.5	0.004	BB	0.014	89.07	0.012
82	7.670		0.0000	0.000	69.4	0.004	BB	0.015	75.69	0.010
83	7.720		0.0000	0.000	103.0	0.006	BB	0.029	60.07	0.008
84	7.753		0.0000	0.000	59.5	0.003	BB	0.021	48.31	0.006
85	7.785		0.0000	0.000	503.9	0.029	BB	0.043	195.39	0.026
86	7.870		0.0000	0.000	33.9	0.002	BB	0.011	50.72	0.007
87	7.887		0.0000	0.000	31.1	0.002	BB	0.010	51.71	0.007
88	7.929		0.0000	0.000	4039.9	0.236	BB	0.037	1816.35	0.238
89	7.995		0.0000	0.000	94.1	0.005	BB	0.019	84.41	0.011
90	8.020		0.0000	0.000	178.8	0.010	BB	0.032	93.45	0.012
91	8.086		0.0000	0.000	93.2	0.005	BB	0.021	72.44	0.010
92	8.137		0.0000	0.000	35.5	0.002	BB	0.009	65.92	0.009
93	8.153		0.0000	0.000	35.7	0.002	BB	0.010	61.70	0.008
94	8.186		0.0000	0.000	53.8	0.003	BB	0.013	67.83	0.009
95	8.255	DCB	38.8148	50.196	526816.4	30.753	BB	0.049	178520.00	23.430
96	8.453		0.0000	0.000	69.3	0.004	BB	0.013	87.69	0.012
97	8.519		0.0000	0.000	87.6	0.005	BB	0.028	52.54	0.007
98	8.620		0.0000	0.000	262.6	0.015	BB	0.031	141.09	0.019
99	8.671		0.0000	0.000	26.3	0.002	BB	0.010	44.09	0.006
100	8.720		0.0000	0.000	18.9	0.001	BB	0.007	43.05	0.006
101	8.737		0.0000	0.000	124.7	0.007	BB	0.019	112.00	0.015
102	8.803		0.0000	0.000	113.9	0.007	BB	0.029	66.56	0.009
103	8.871		0.0000	0.000	422.0	0.025	BB	0.035	201.54	0.026
104	8.937		0.0000	0.000	65.6	0.004	BB	0.023	47.59	0.006
105	8.987		0.0000	0.000	42.4	0.002	BB	0.025	28.20	0.004
106	9.003		0.0000	0.000	98.2	0.006	BB	0.022	74.32	0.010
107	9.070		0.0000	0.000	383.9	0.022	BB	0.036	176.85	0.023
108	9.120		0.0000	0.000	23.7	0.001	BB	0.008	47.39	0.006
109	9.153		0.0000	0.000	33.6	0.002	BB	0.009	59.63	0.008
110	9.220		0.0000	0.000	701.1	0.041	BB	0.054	216.22	0.028
111	9.320		0.0000	0.000	357.0	0.021	BB	0.034	176.44	0.023
112	9.387		0.0000	0.000	27.9	0.002	BB	0.016	28.83	0.004
113	9.436		0.0000	0.000	147.8	0.009	BB	0.045	54.25	0.007
114	9.453		0.0000	0.000	107.1	0.006	BB	0.017	104.78	0.014
115	9.520		0.0000	0.000	56.2	0.003	BB	0.016	58.50	0.008
116	9.569		0.0000	0.000	376.6	0.022	BB	0.036	174.53	0.023
117	9.636		0.0000	0.000	198.9	0.012	BB	0.023	146.97	0.019
118	9.670		0.0000	0.000	21.9	0.001	BB	0.008	46.54	0.006
119	9.687		0.0000	0.000	19.6	0.001	BB	0.007	43.87	0.006
120	9.703		0.0000	0.000	5389.2	0.315	BB	0.514	174.64	0.023
121	9.936		0.0000	0.000	26155.3	1.527	BB	0.067	6487.79	0.851

Total Area = 1713037.0, Total Amount = 77.326, Total Height = 761934.1, Sample Units = ug/l

ASX84 8947

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.16R

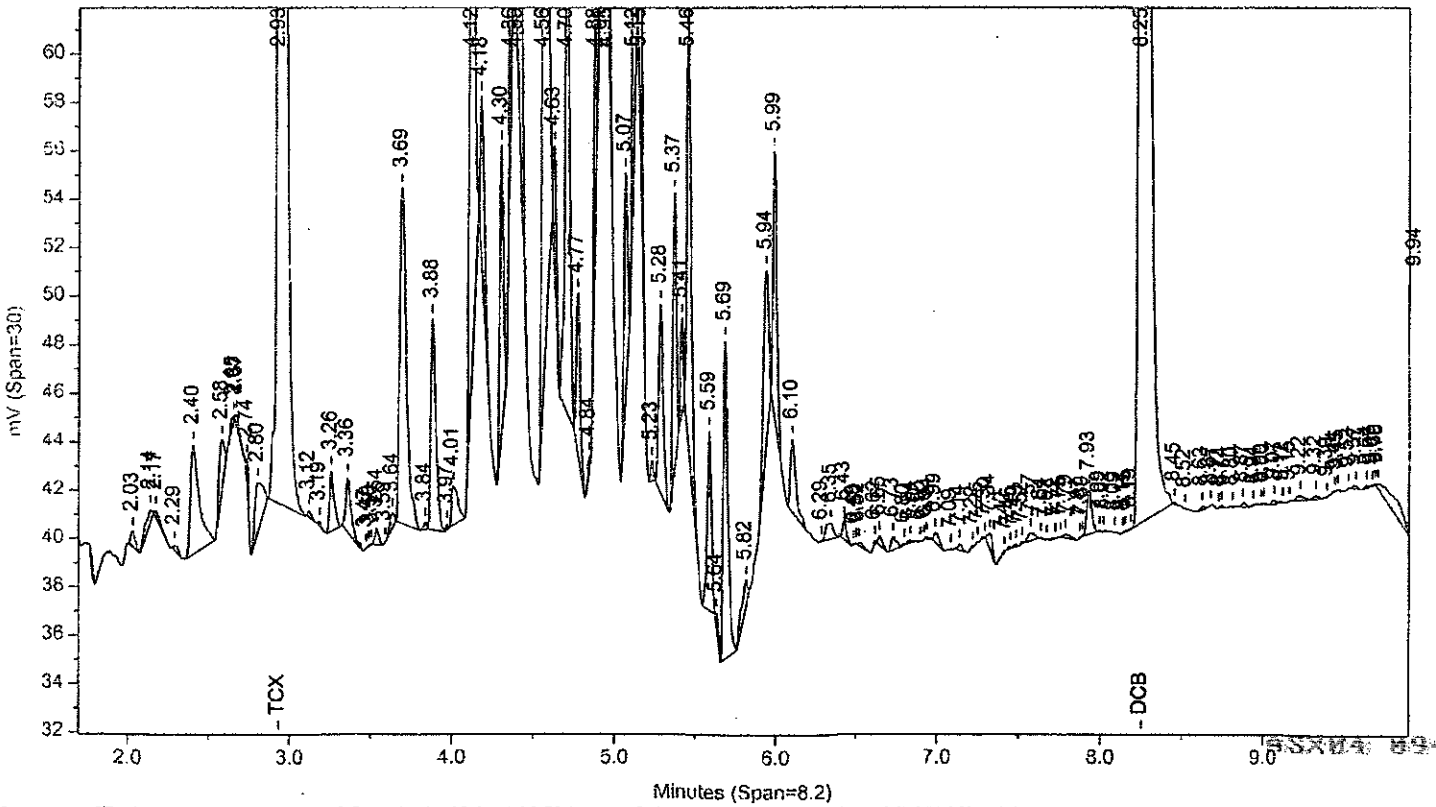
C:\CPWIN\DATA1\1P2235.16R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:44:10 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.16R

C:\CPWIN\DATA1\1P2235B.16R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:44:10 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

aSX84.8949

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

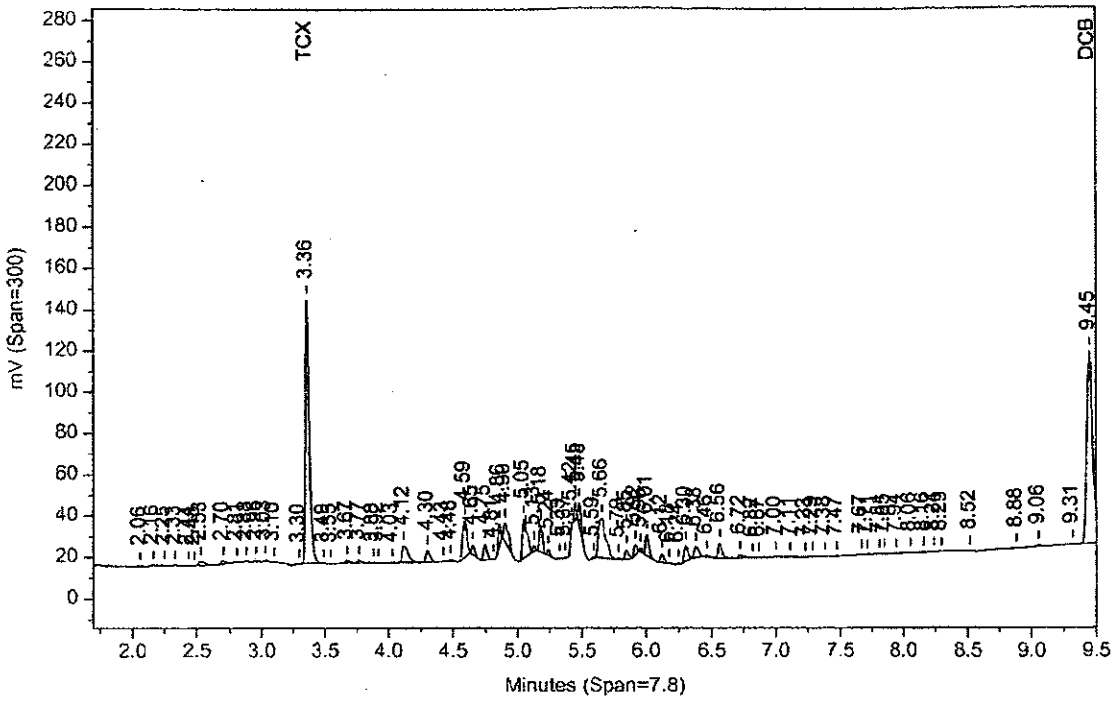
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	129309	40.55191	TCX	2.932	205163	38.51139	TCX
9.448	93256	40.78938	DCB	8.255	178520	38.81476	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.16A
Area File: C:\CPWIN\DATA1\1P2235B.16A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:34:14 AM
File Reported On: 8/25/2008 at 11:34:23 AM

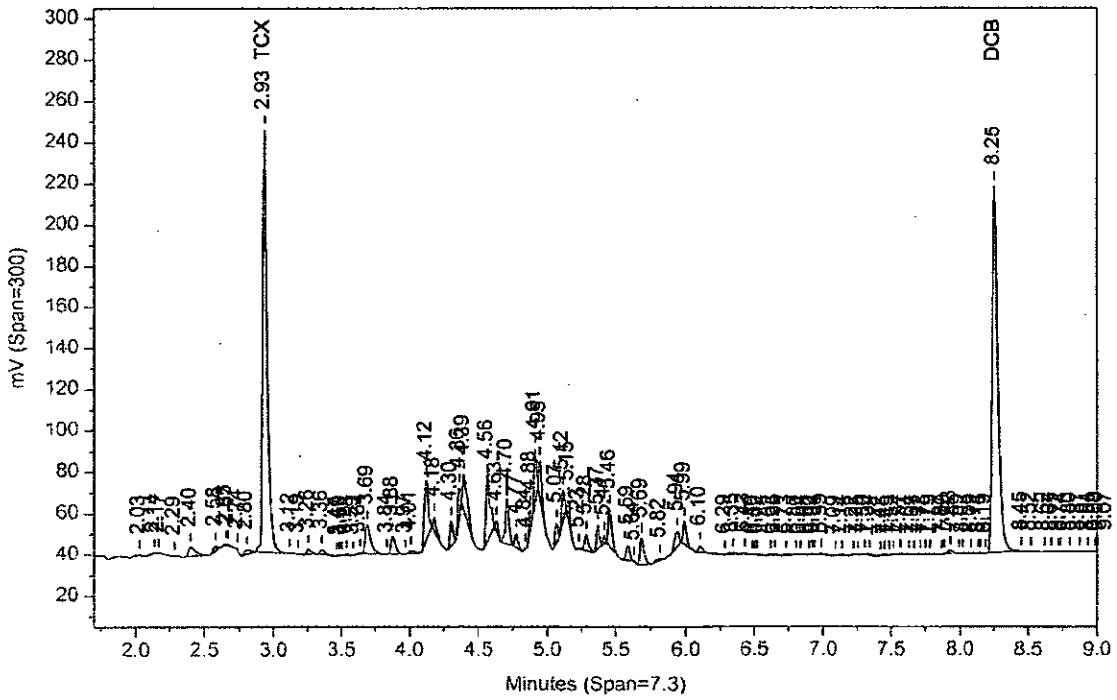
10X REPLOTS

ASX04 0958

C:\CPWIN\DATA1\1P2235.16R



C:\CPWIN\DATA1\1P2235B.16R



Sample Name: **AR4840824B AAAR484AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 04:08:36pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.17R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.053		0.0000	0.000	56.7	0.003	BB	0.034	27.43	0.003
2	2.158		0.0000	0.000	654.4	0.032	BB	0.043	252.53	0.029
3	2.250		0.0000	0.000	484.4	0.023	BB	0.050	161.95	0.019
4	2.330		0.0000	0.000	1444.3	0.070	BB	0.036	665.21	0.077
5	2.438		0.0000	0.000	227.8	0.011	BB	0.025	153.58	0.018
6	2.475		0.0000	0.000	241.1	0.012	BB	0.025	162.00	0.019
7	2.593		0.0000	0.000	54.2	0.003	BB	0.031	28.82	0.003
8	2.694		0.0000	0.000	139.2	0.007	BB	0.041	55.96	0.006
9	2.817		0.0000	0.000	588.9	0.028	BB	0.055	178.63	0.021
10	2.886		0.0000	0.000	21.2	0.001	BB	0.023	15.36	0.002
11	2.949		0.0000	0.000	219.3	0.011	BB	0.043	84.07	0.010
12	3.030		0.0000	0.000	154.8	0.007	BB	0.033	78.44	0.009
13	3.080		0.0000	0.000	105.3	0.005	BB	0.030	59.16	0.007
14	3.121		0.0000	0.000	2113.4	0.102	BB	0.205	171.59	0.020
15	3.355	TCX	61.4189	50.991	407033.3	19.660	BB	0.035	195847.90	22.633
16	3.540		0.0000	0.000	71.4	0.003	BB	0.025	48.47	0.006
17	3.598		0.0000	0.000	436.7	0.021	BB	0.031	238.00	0.028
18	3.673		0.0000	0.000	4897.1	0.237	BB	0.036	2298.16	0.266
19	3.766		0.0000	0.000	6574.4	0.318	BB	0.037	2954.24	0.341
20	3.880		0.0000	0.000	145.6	0.007	BB	0.018	132.48	0.015
21	3.916		0.0000	0.000	1802.9	0.087	BB	0.033	897.42	0.104
22	4.036		0.0000	0.000	118.6	0.006	BB	0.036	55.34	0.006
23	4.116		0.0000	0.000	68084.1	3.289	BB	0.056	20237.35	2.339
24	4.302		0.0000	0.000	32585.1	1.574	BB	0.037	14763.27	1.706
25	4.386		0.0000	0.000	96.9	0.005	BB	0.014	118.77	0.014
26	4.485		0.0000	0.000	7715.1	0.373	BB	0.043	3010.35	0.348
27	4.591		0.0000	0.000	114395.6	5.525	BB	0.042	45896.19	5.304
28	4.654		0.0000	0.000	20151.6	0.973	BB	0.029	11676.88	1.349
29	4.746		0.0000	0.000	37800.4	1.826	BB	0.031	20261.77	2.341
30	4.811		0.0000	0.000	1938.6	0.094	BB	0.019	1660.46	0.192
31	4.858		0.0000	0.000	41018.8	1.981	BB	0.023	29146.57	3.368
32	4.901		0.0000	0.000	66846.6	3.229	BB	0.048	23181.51	2.679
33	5.049		0.0000	0.000	127027.6	6.136	BB	0.044	48297.23	5.581
34	5.131		0.0000	0.000	8778.8	0.424	BB	0.019	7771.65	0.898
35	5.182		0.0000	0.000	59834.8	2.890	BB	0.030	33366.15	3.856
36	5.242		0.0000	0.000	12594.0	0.608	BB	0.025	8335.76	0.963
37	5.315		0.0000	0.000	833.8	0.040	BB	0.022	623.60	0.072
38	5.376		0.0000	0.000	3662.1	0.177	BB	0.024	2578.64	0.298
39	5.425		0.0000	0.000	20005.4	0.966	BB	0.020	16814.61	1.943
40	5.453		0.0000	0.000	23616.0	1.141	BB	0.018	22179.72	2.563
41	5.485		0.0000	0.000	41742.1	2.016	BB	0.024	29261.23	3.381
42	5.594		0.0000	0.000	2599.8	0.126	BB	0.021	2058.29	0.238
43	5.661		0.0000	0.000	198605.8	9.593	BB	0.065	50946.38	5.887
44	5.793		0.0000	0.000	2280.4	0.110	BB	0.024	1602.12	0.185
45	5.853		0.0000	0.000	22700.0	1.096	BB	0.032	11726.30	1.355
46	5.925		0.0000	0.000	18810.6	0.909	BB	0.026	12066.51	1.394
47	5.963		0.0000	0.000	5754.4	0.278	BB	0.018	5396.28	0.624
48	6.007		0.0000	0.000	49393.1	2.386	BB	0.031	26702.22	3.086
49	6.123		0.0000	0.000	20403.4	0.986	BB	0.031	11112.83	1.284
50	6.182		0.0000	0.000	2003.7	0.097	BB	0.036	918.66	0.106
51	6.247		0.0000	0.000	2699.3	0.130	BB	0.023	1925.72	0.223
52	6.302		0.0000	0.000	39674.4	1.916	BB	0.033	20111.27	2.324
53	6.385		0.0000	0.000	10079.1	0.487	BB	0.042	3989.23	0.461
54	6.463		0.0000	0.000	6943.8	0.335	BB	0.038	3059.88	0.354
55	6.564		0.0000	0.000	39813.5	1.923	BB	0.034	19417.63	2.244
56	6.664		0.0000	0.000	324.2	0.016	BB	0.028	192.07	0.022
57	6.724		0.0000	0.000	13108.2	0.633	BB	0.045	4837.00	0.559
58	6.866		0.0000	0.000	143.7	0.007	BB	0.030	79.23	0.009
59	7.000		0.0000	0.000	4676.7	0.226	BB	0.048	1628.74	0.188
60	7.116		0.0000	0.000	2014.0	0.097	BB	0.059	564.35	0.065
61	7.286		0.0000	0.000	1832.1	0.088	BB	0.040	755.65	0.087
62	7.380		0.0000	0.000	1749.3	0.084	BB	0.037	796.17	0.092

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.526		0.0000	0.000	166.9	0.008	BB	0.049	57.36	0.007
64	7.666		0.0000	0.000	368.0	0.018	BB	0.033	186.16	0.022
65	7.715		0.0000	0.000	851.6	0.041	BB	0.031	459.66	0.053
66	7.820		0.0000	0.000	293.8	0.014	BB	0.044	110.63	0.013
67	8.064		0.0000	0.000	973.5	0.047	BB	0.091	177.94	0.021
68	8.156		0.0000	0.000	76.8	0.004	BB	0.041	31.41	0.004
69	8.558		0.0000	0.000	4766.4	0.230	BB	0.295	269.67	0.031
70	9.050		0.0000	0.000	7582.3	0.366	BB	0.091	1394.85	0.161
71	9.445	DCB	59.0310	49.009	477825.0	23.080	BB	0.059	134961.80	15.596
72	9.752		0.0000	0.000	62.1	0.003	BB	0.031	33.12	0.004
73	9.938		0.0000	0.000	15434.7	0.746	BB	0.064	4016.97	0.464

Total Area = 2070323.0, Total Amount = 120.45, Total Height = 865334.8, Sample Units = ug/l

Sample Name: **AR4840824B AAAR484AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 04:08:36pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.17R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.026		0.0000	0.000	2446.1	0.077	BB	0.035	1180.70	0.081
2	2.114		0.0000	0.000	29.4	0.001	BB	0.008	61.49	0.004
3	2.130		0.0000	0.000	39.2	0.001	BB	0.010	62.68	0.004
4	2.146		0.0000	0.000	27.1	0.001	BB	0.007	63.51	0.004
5	2.176		0.0000	0.000	1364.0	0.043	BB	0.043	527.91	0.036
6	2.280		0.0000	0.000	733.6	0.023	BB	0.038	325.87	0.022
7	2.346		0.0000	0.000	206.0	0.007	BB	0.042	82.47	0.006
8	2.464		0.0000	0.000	11.4	0.000	BB	0.005	40.78	0.003
9	2.496		0.0000	0.000	155.8	0.005	BB	0.025	105.72	0.007
10	2.529		0.0000	0.000	114.3	0.004	BB	0.016	119.91	0.008
11	2.580		0.0000	0.000	29.7	0.001	BB	0.009	56.42	0.004
12	2.596		0.0000	0.000	26.8	0.001	BB	0.008	53.28	0.004
13	2.614		0.0000	0.000	22.1	0.001	BB	0.008	48.83	0.003
14	2.646		0.0000	0.000	239.8	0.008	BB	0.043	91.88	0.006
15	2.664		0.0000	0.000	24.0	0.001	BB	0.008	53.11	0.004
16	2.679		0.0000	0.000	131.1	0.004	BB	0.016	140.07	0.010
17	2.713		0.0000	0.000	2467.3	0.078	BB	0.054	758.49	0.052
18	2.830		0.0000	0.000	6554.4	0.207	BB	0.083	1321.35	0.090
19	2.930	TCX	57.8196	50.934	702118.6	22.183	BB	0.038	308024.00	21.034
20	3.113		0.0000	0.000	201.3	0.006	BB	0.021	158.52	0.011
21	3.181		0.0000	0.000	1001.6	0.032	BB	0.030	562.71	0.038
22	3.255		0.0000	0.000	8924.0	0.282	BB	0.034	4346.59	0.297
23	3.359		0.0000	0.000	11365.1	0.359	BB	0.034	5601.46	0.383
24	3.430		0.0000	0.000	640.5	0.020	BB	0.021	507.50	0.035
25	3.497		0.0000	0.000	33.6	0.001	BB	0.009	60.48	0.004
26	3.533		0.0000	0.000	4038.9	0.128	BB	0.036	1861.56	0.127
27	3.630		0.0000	0.000	19.0	0.001	BB	0.005	64.12	0.004
28	3.689		0.0000	0.000	112112.7	3.542	BB	0.050	37273.58	2.545
29	3.830		0.0000	0.000	264.6	0.008	BB	0.014	314.09	0.021
30	3.876		0.0000	0.000	55947.3	1.768	BB	0.037	25119.50	1.715
31	3.971		0.0000	0.000	223.4	0.007	BB	0.016	233.63	0.016
32	4.007		0.0000	0.000	13828.1	0.437	BB	0.043	5421.97	0.370
33	4.123		0.0000	0.000	166188.0	5.251	BB	0.037	75366.05	5.146
34	4.180		0.0000	0.000	25360.9	0.801	BB	0.027	15826.04	1.081
35	4.302		0.0000	0.000	51913.5	1.640	BB	0.027	31489.66	2.150
36	4.359		0.0000	0.000	46534.1	1.470	BB	0.024	32542.61	2.222
37	4.393		0.0000	0.000	102722.6	3.245	BB	0.040	43009.13	2.937
38	4.563		0.0000	0.000	170655.0	5.392	BB	0.038	75292.58	5.141
39	4.629		0.0000	0.000	13814.9	0.436	BB	0.019	12359.93	0.844
40	4.706		0.0000	0.000	110507.6	3.491	BB	0.033	55900.43	3.817
41	4.772		0.0000	0.000	27895.4	0.881	BB	0.027	17257.18	1.178
42	4.844		0.0000	0.000	2160.6	0.068	BB	0.019	1919.33	0.131
43	4.880		0.0000	0.000	31664.3	1.000	BB	0.022	24416.34	1.667
44	4.915		0.0000	0.000	78484.2	2.480	BB	0.021	63776.31	4.355
45	4.950		0.0000	0.000	69730.5	2.203	BB	0.024	48292.72	3.298
46	5.069		0.0000	0.000	36147.1	1.142	BB	0.026	23598.69	1.611
47	5.120		0.0000	0.000	57656.3	1.822	BB	0.026	37660.80	2.572
48	5.157		0.0000	0.000	24925.0	0.787	BB	0.021	19720.36	1.347
49	5.232		0.0000	0.000	2370.1	0.075	BB	0.019	2042.44	0.139
50	5.286		0.0000	0.000	40975.6	1.295	BB	0.034	20351.92	1.390
51	5.370		0.0000	0.000	47005.4	1.485	BB	0.026	29758.24	2.032
52	5.417		0.0000	0.000	12597.1	0.398	BB	0.019	10892.54	0.744
53	5.459		0.0000	0.000	87310.7	2.759	BB	0.032	45435.82	3.103
54	5.595		0.0000	0.000	37582.3	1.187	BB	0.031	20012.87	1.367
55	5.639		0.0000	0.000	1439.2	0.045	BB	0.013	1781.55	0.122
56	5.690		0.0000	0.000	72323.3	2.285	BB	0.035	34607.69	2.363
57	5.790		0.0000	0.000	2172.3	0.069	BB	0.030	1205.01	0.082
58	5.816		0.0000	0.000	2479.3	0.078	BB	0.021	2004.75	0.137
59	5.939		0.0000	0.000	20766.9	0.656	BB	0.040	8644.20	0.590
60	5.994		0.0000	0.000	59086.3	1.867	BB	0.031	31883.56	2.177
61	6.106		0.0000	0.000	21066.1	0.666	BB	0.042	8322.18	0.568
62	6.329		0.0000	0.000	3797.3	0.120	BB	0.055	1148.15	0.078

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.397		0.0000	0.000	147.3	0.005	BB	0.013	194.97	0.013
64	6.431		0.0000	0.000	4408.4	0.139	BB	0.027	2700.55	0.184
65	6.496		0.0000	0.000	233.8	0.007	BB	0.016	236.17	0.016
66	6.545		0.0000	0.000	97.6	0.003	BB	0.012	139.73	0.010
67	6.622		0.0000	0.000	781.5	0.025	BB	0.020	636.92	0.043
68	6.650		0.0000	0.000	2024.2	0.064	BB	0.033	1009.48	0.069
69	6.730		0.0000	0.000	571.4	0.018	BB	0.026	365.21	0.025
70	6.797		0.0000	0.000	11.5	0.000	BB	0.004	44.57	0.003
71	6.813		0.0000	0.000	29.5	0.001	BB	0.007	74.84	0.005
72	6.830		0.0000	0.000	59.8	0.002	BB	0.014	70.49	0.005
73	6.863		0.0000	0.000	81.5	0.003	BB	0.012	117.01	0.008
74	6.897		0.0000	0.000	24.3	0.001	BB	0.009	47.06	0.003
75	6.914		0.0000	0.000	21.3	0.001	BB	0.008	42.79	0.003
76	6.940		0.0000	0.000	748.9	0.024	BB	0.029	425.20	0.029
77	6.995		0.0000	0.000	2754.5	0.087	BB	0.034	1353.05	0.092
78	7.080		0.0000	0.000	23.0	0.001	BB	0.007	55.85	0.004
79	7.097		0.0000	0.000	34.8	0.001	BB	0.010	59.35	0.004
80	7.131		0.0000	0.000	26.1	0.001	BB	0.008	51.73	0.004
81	7.147		0.0000	0.000	33.2	0.001	BB	0.010	57.65	0.004
82	7.229		0.0000	0.000	595.8	0.019	BB	0.040	245.69	0.017
83	7.263		0.0000	0.000	40.1	0.001	BB	0.009	73.59	0.005
84	7.279		0.0000	0.000	45.7	0.001	BB	0.012	62.36	0.004
85	7.330		0.0000	0.000	88.9	0.003	BB	0.032	45.86	0.003
86	7.346		0.0000	0.000	187.2	0.006	BB	0.025	123.74	0.008
87	7.412		0.0000	0.000	96.3	0.003	BB	0.021	75.80	0.005
88	7.446		0.0000	0.000	56.0	0.002	BB	0.015	61.18	0.004
89	7.480		0.0000	0.000	52.4	0.002	BB	0.015	57.97	0.004
90	7.497		0.0000	0.000	31.0	0.001	BB	0.009	56.49	0.004
91	7.530		0.0000	0.000	71.8	0.002	BB	0.017	68.94	0.005
92	7.564		0.0000	0.000	782.0	0.025	BB	0.032	401.74	0.027
93	7.630		0.0000	0.000	32.3	0.001	BB	0.011	47.63	0.003
94	7.647		0.0000	0.000	41.6	0.001	BB	0.010	71.07	0.005
95	7.680		0.0000	0.000	91.5	0.003	BB	0.023	67.10	0.005
96	7.713		0.0000	0.000	527.6	0.017	BB	0.070	124.76	0.009
97	7.863		0.0000	0.000	24.6	0.001	BB	0.007	58.34	0.004
98	7.928		0.0000	0.000	7595.3	0.240	BB	0.039	3265.86	0.223
99	8.029		0.0000	0.000	21.7	0.001	BB	0.008	45.07	0.003
100	8.063		0.0000	0.000	51.5	0.002	BB	0.019	44.29	0.003
101	8.079		0.0000	0.000	56.8	0.002	BB	0.011	86.05	0.006
102	8.129		0.0000	0.000	31.3	0.001	BB	0.008	64.18	0.004
103	8.163		0.0000	0.000	33.5	0.001	BB	0.011	52.29	0.004
104	8.250	DCB	55.6994	49.066	775049.6	24.487	BB	0.050	256177.20	17.493
105	8.479		0.0000	0.000	57.4	0.002	BB	0.014	70.55	0.005
106	8.530		0.0000	0.000	31.5	0.001	BB	0.009	58.47	0.004
107	8.563		0.0000	0.000	57.8	0.002	BB	0.016	59.31	0.004
108	8.596		0.0000	0.000	25.3	0.001	BB	0.007	61.52	0.004
109	8.630		0.0000	0.000	19.2	0.001	BB	0.007	48.15	0.003
110	8.663		0.0000	0.000	61.3	0.002	BB	0.015	69.38	0.005
111	8.696		0.0000	0.000	34.6	0.001	BB	0.009	63.02	0.004
112	8.763		0.0000	0.000	84.3	0.003	BB	0.027	52.73	0.004
113	8.780		0.0000	0.000	24.5	0.001	BB	0.006	69.79	0.005
114	8.796		0.0000	0.000	99.5	0.003	BB	0.017	99.86	0.007
115	8.846		0.0000	0.000	24.4	0.001	BB	0.009	47.40	0.003
116	8.863		0.0000	0.000	28.5	0.001	BB	0.009	53.38	0.004
117	8.881		0.0000	0.000	13.1	0.000	BB	0.005	41.71	0.003
118	8.896		0.0000	0.000	37.5	0.001	BB	0.010	62.40	0.004
119	8.913		0.0000	0.000	68.6	0.002	BB	0.014	80.44	0.005
120	8.963		0.0000	0.000	110.8	0.003	BB	0.019	94.71	0.006
121	9.013		0.0000	0.000	13.1	0.000	BB	0.005	44.85	0.003
122	9.030		0.0000	0.000	29.8	0.001	BB	0.007	67.32	0.005
123	9.047		0.0000	0.000	45.2	0.001	BB	0.010	77.91	0.005
124	9.063		0.0000	0.000	67.0	0.002	BB	0.017	66.79	0.005
125	9.113		0.0000	0.000	20.2	0.001	BB	0.007	51.37	0.004
126	9.130		0.0000	0.000	46.1	0.001	BB	0.010	75.38	0.005
127	9.163		0.0000	0.000	52.0	0.002	BB	0.014	60.11	0.004
128	9.180		0.0000	0.000	33.0	0.001	BB	0.008	71.24	0.005
129	9.212		0.0000	0.000	85.1	0.003	BB	0.018	79.75	0.005
130	9.246		0.0000	0.000	93.6	0.003	BB	0.019	82.50	0.006
131	9.296		0.0000	0.000	90.9	0.003	BB	0.021	71.25	0.005
132	9.347		0.0000	0.000	26.5	0.001	BB	0.008	54.13	0.004

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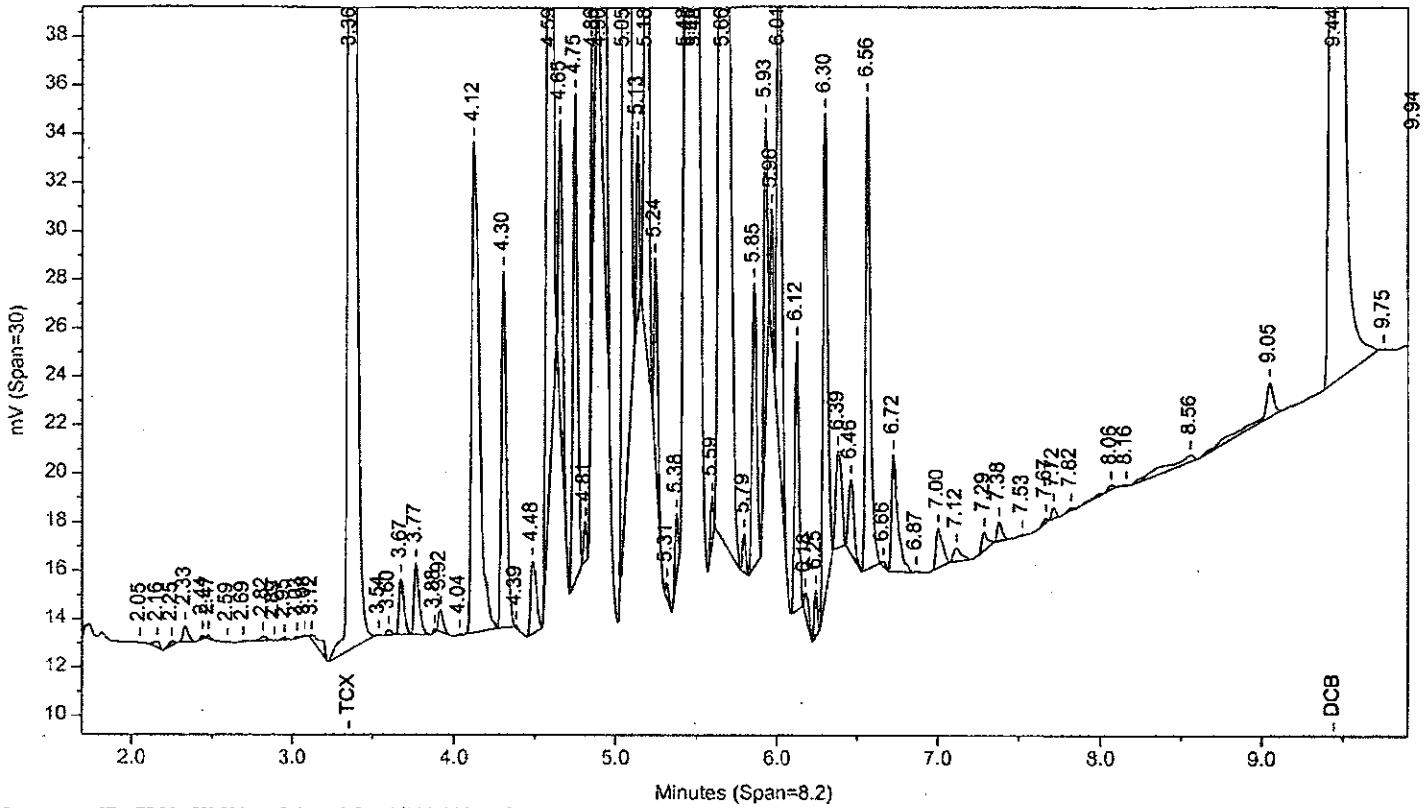
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.364		0.0000	0.000	33.9	0.001	BB	0.009	62.08	0.004
134	9.396		0.0000	0.000	75.3	0.002	BB	0.018	68.66	0.005
135	9.447		0.0000	0.000	20.8	0.001	BB	0.007	52.70	0.004
136	9.463		0.0000	0.000	36.2	0.001	BB	0.011	54.55	0.004
137	9.497		0.0000	0.000	90.8	0.003	BB	0.024	62.13	0.004
138	9.530		0.0000	0.000	21.5	0.001	BB	0.007	53.16	0.004
139	9.563		0.0000	0.000	91.8	0.003	BB	0.021	73.39	0.005
140	9.596		0.0000	0.000	20.6	0.001	BB	0.005	64.93	0.004
141	9.630		0.0000	0.000	41.3	0.001	BB	0.008	81.34	0.006
142	9.664		0.0000	0.000	29.8	0.001	BB	0.009	56.03	0.004
143	9.680		0.0000	0.000	18.4	0.001	BB	0.007	42.30	0.003
144	9.713		0.0000	0.000	5744.1	0.181	BB	0.240	398.59	0.027
145	9.929		0.0000	0.000	6986.6	0.221	BB	0.097	1196.13	0.082
146	9.946		0.0000	0.000	106.0	0.003	BB	0.019	91.78	0.006

Total Area = 3165086.0, Total Amount = 113.519, Total Height = 1464416.0, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.17R

C:\CPWIN\DATA1\1P2235.17R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:58:36 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.17R

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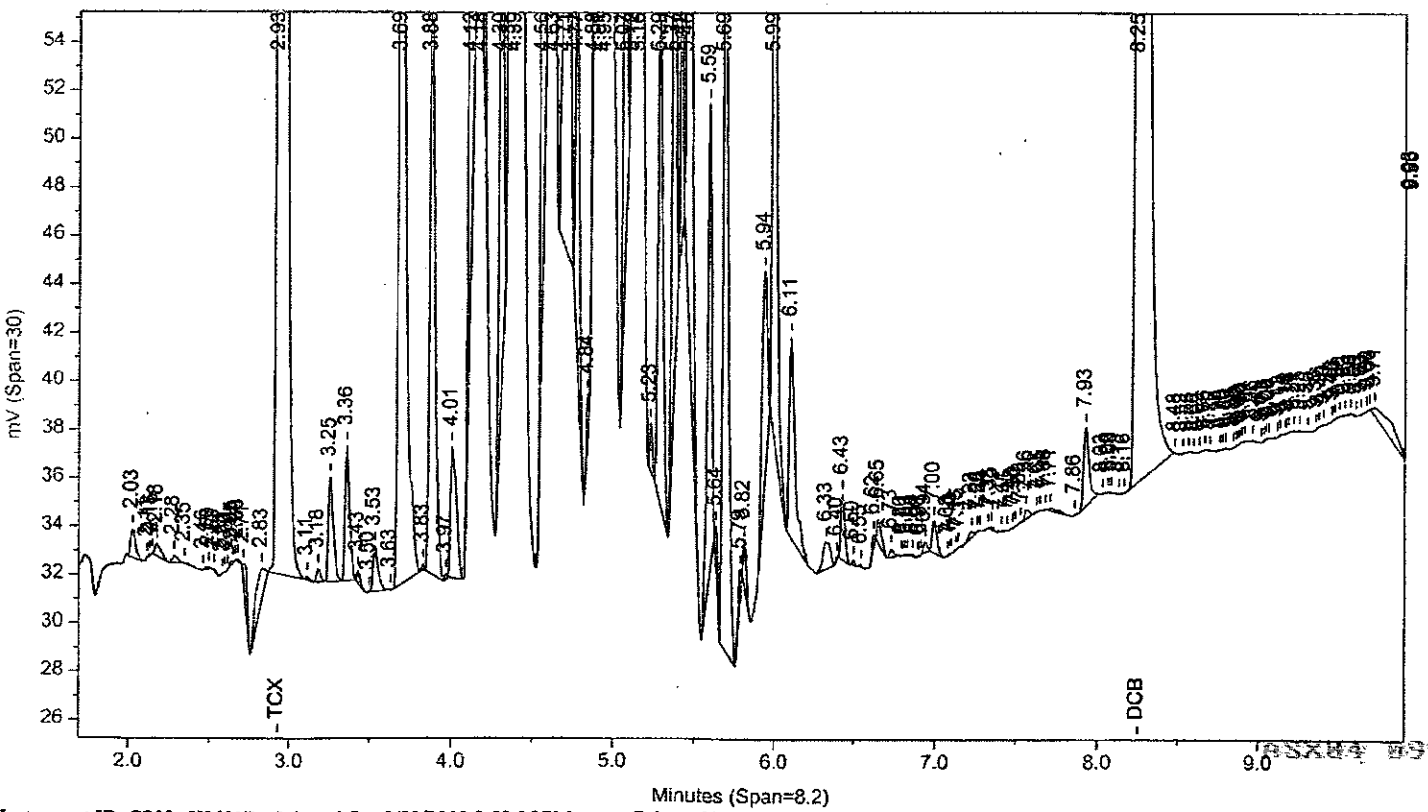


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:58:36 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

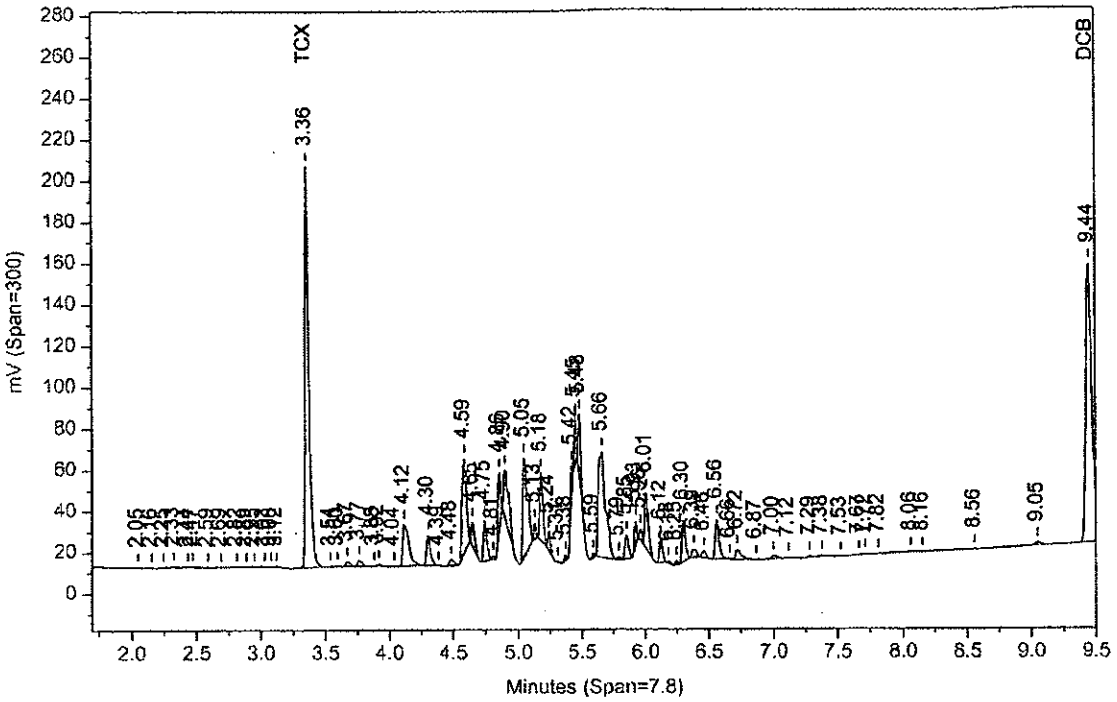
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	195848	61.41893	TCX	2.93	308024	57.81963	TCX
9.445	134962	59.03102	DCB	8.25	256177	55.69941	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.17A
Area File: C:\CPWIN\DATA1\1P2235B.17A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:34:32 AM
File Reported On: 8/25/2008 at 11:34:41 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.17R



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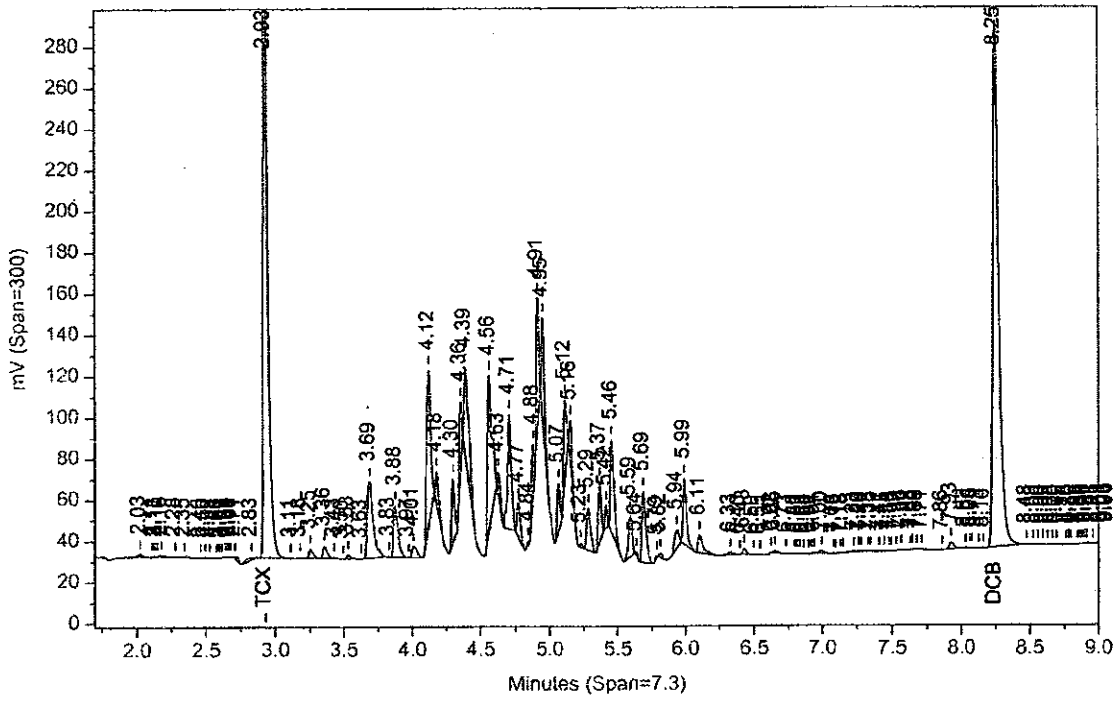

ASX84 8959

Sample Name: **AR4850824B AAAR485AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 04:23:04pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.18R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.160		0.0000	0.000	779.4	0.023	BB	0.039	333.32	0.023
2	2.333		0.0000	0.000	3998.8	0.117	BB	0.063	1052.53	0.072
3	2.443		0.0000	0.000	111.8	0.003	BB	0.021	86.66	0.006
4	2.479		0.0000	0.000	439.4	0.013	BB	0.028	262.31	0.018
5	2.605		0.0000	0.000	24.7	0.001	BB	0.026	15.81	0.001
6	2.708		0.0000	0.000	97.2	0.003	BB	0.058	28.15	0.002
7	2.818		0.0000	0.000	432.5	0.013	BB	0.062	115.71	0.008
8	2.948		0.0000	0.000	159.6	0.005	BB	0.042	63.48	0.004
9	3.030		0.0000	0.000	92.0	0.003	BB	0.028	54.88	0.004
10	3.083		0.0000	0.000	47.4	0.001	BB	0.029	27.49	0.002
11	3.130		0.0000	0.000	306.1	0.009	BB	0.033	155.70	0.011
12	3.357	TCX	80.9717	50.967	542096.0	15.845	BB	0.035	258196.30	17.777
13	3.599		0.0000	0.000	1162.0	0.034	BB	0.033	589.07	0.041
14	3.677		0.0000	0.000	7101.2	0.208	BB	0.038	3120.02	0.215
15	3.767		0.0000	0.000	13173.6	0.385	BB	0.037	5860.20	0.403
16	3.881		0.0000	0.000	206.5	0.006	BB	0.017	203.69	0.014
17	3.918		0.0000	0.000	3840.9	0.112	BB	0.036	1800.33	0.124
18	4.116		0.0000	0.000	129837.3	3.795	BB	0.056	38316.98	2.638
19	4.302		0.0000	0.000	67216.3	1.965	BB	0.039	29096.23	2.003
20	4.484		0.0000	0.000	15495.7	0.453	BB	0.043	6041.54	0.416
21	4.590		0.0000	0.000	222140.2	6.493	BB	0.042	89164.28	6.139
22	4.652		0.0000	0.000	37909.2	1.108	BB	0.028	22788.76	1.569
23	4.744		0.0000	0.000	72673.5	2.124	BB	0.031	39436.91	2.715
24	4.808		0.0000	0.000	3807.3	0.111	BB	0.019	3265.65	0.225
25	4.856		0.0000	0.000	72923.0	2.131	BB	0.024	51460.69	3.543
26	4.897		0.0000	0.000	124927.0	3.651	BB	0.048	43347.88	2.985
27	5.046		0.0000	0.000	236248.3	6.905	BB	0.044	89487.41	6.161
28	5.129		0.0000	0.000	16415.2	0.480	BB	0.019	14324.35	0.986
29	5.180		0.0000	0.000	112938.1	3.301	BB	0.029	63925.82	4.401
30	5.240		0.0000	0.000	22856.2	0.668	BB	0.025	15286.90	1.053
31	5.312		0.0000	0.000	1395.3	0.041	BB	0.019	1200.47	0.083
32	5.374		0.0000	0.000	7617.1	0.223	BB	0.023	5473.80	0.377
33	5.422		0.0000	0.000	35887.5	1.049	BB	0.025	24298.64	1.673
34	5.450		0.0000	0.000	46064.9	1.346	BB	0.018	43278.70	2.980
35	5.483		0.0000	0.000	86923.2	2.541	BB	0.023	62266.55	4.287
36	5.591		0.0000	0.000	4715.2	0.138	BB	0.021	3832.91	0.264
37	5.659		0.0000	0.000	388344.8	11.351	BB	0.067	96139.69	6.619
38	5.790		0.0000	0.000	4414.5	0.129	BB	0.024	3091.47	0.213
39	5.852		0.0000	0.000	42868.6	1.253	BB	0.032	22633.04	1.558
40	5.921		0.0000	0.000	40200.1	1.175	BB	0.025	26668.84	1.836
41	5.962		0.0000	0.000	12102.0	0.354	BB	0.018	11247.07	0.774
42	6.007		0.0000	0.000	96170.4	2.811	BB	0.031	52207.99	3.595
43	6.121		0.0000	0.000	40441.8	1.182	BB	0.030	22232.43	1.531
44	6.184		0.0000	0.000	4706.5	0.138	BB	0.033	2359.24	0.162
45	6.245		0.0000	0.000	5638.5	0.165	BB	0.024	3899.96	0.269
46	6.302		0.0000	0.000	79172.5	2.314	BB	0.033	39393.23	2.712
47	6.395		0.0000	0.000	9823.4	0.287	BB	0.040	4054.54	0.279
48	6.462		0.0000	0.000	14001.3	0.409	BB	0.039	6060.63	0.417
49	6.563		0.0000	0.000	87691.6	2.563	BB	0.036	40502.82	2.789
50	6.724		0.0000	0.000	27197.9	0.795	BB	0.046	9881.74	0.680
51	6.871		0.0000	0.000	253.7	0.007	BB	0.026	160.69	0.011
52	6.911		0.0000	0.000	133.8	0.004	BB	0.025	89.87	0.006
53	6.999		0.0000	0.000	8939.3	0.261	BB	0.045	3292.82	0.227
54	7.113		0.0000	0.000	3222.9	0.094	BB	0.060	896.96	0.062
55	7.286		0.0000	0.000	3765.9	0.110	BB	0.040	1577.86	0.109
56	7.380		0.0000	0.000	3431.6	0.100	BB	0.037	1551.58	0.107
57	7.714		0.0000	0.000	2107.9	0.062	BB	0.034	1031.16	0.071
58	7.814		0.0000	0.000	552.7	0.016	BB	0.043	214.30	0.015
59	8.061		0.0000	0.000	745.2	0.022	BB	0.044	281.81	0.019
60	8.229		0.0000	0.000	721.2	0.021	BB	0.100	120.11	0.008
61	8.565		0.0000	0.000	1297.5	0.038	BB	0.054	402.76	0.028
62	9.053		0.0000	0.000	5132.4	0.150	BB	0.046	1860.58	0.128

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.443	DCB	77.8990	49.033	624759.2	18.261	BB	0.058	178099.40	12.262
64	9.747		0.0000	0.000	83.4	0.002	BB	0.040	34.67	0.002
65	9.948		0.0000	0.000	21281.1	0.622	BB	0.085	4175.89	0.288

Total Area = 3421260.0, Total Amount = 158.871, Total Height = 1452423.0, Sample Units = ug/l

ASX84 3961

Sample Name: **AR4850824B AAAR485AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 04:23:04pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.18R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	3460.9	0.068	BB	0.035	1642.18	0.069
2	2.113		0.0000	0.000	39.8	0.001	BB	0.009	77.40	0.003
3	2.130		0.0000	0.000	40.9	0.001	BB	0.009	77.72	0.003
4	2.179		0.0000	0.000	2028.6	0.040	BB	0.043	791.92	0.033
5	2.280		0.0000	0.000	347.3	0.007	BB	0.033	174.94	0.007
6	2.363		0.0000	0.000	89.3	0.002	BB	0.018	84.15	0.004
7	2.413		0.0000	0.000	61.0	0.001	BB	0.011	89.22	0.004
8	2.463		0.0000	0.000	24.5	0.000	BB	0.006	68.60	0.003
9	2.480		0.0000	0.000	40.2	0.001	BB	0.007	92.83	0.004
10	2.496		0.0000	0.000	697.5	0.014	BB	0.067	174.23	0.007
11	2.581		0.0000	0.000	46.0	0.001	BB	0.009	81.95	0.003
12	2.597		0.0000	0.000	50.8	0.001	BB	0.010	88.40	0.004
13	2.613		0.0000	0.000	43.3	0.001	BB	0.009	81.36	0.003
14	2.631		0.0000	0.000	47.1	0.001	BB	0.009	88.03	0.004
15	2.663		0.0000	0.000	31.1	0.001	BB	0.006	85.90	0.004
16	2.679		0.0000	0.000	103.8	0.002	BB	0.013	135.80	0.006
17	2.846		0.0000	0.000	8741.1	0.172	BB	0.104	1397.53	0.059
18	2.932	TCX	75.4340	51.393	934984.4	18.417	BB	0.039	401861.70	16.846
19	3.113		0.0000	0.000	200.4	0.004	BB	0.020	165.95	0.007
20	3.181		0.0000	0.000	2313.3	0.046	BB	0.031	1261.73	0.053
21	3.254		0.0000	0.000	13607.4	0.268	BB	0.038	5978.55	0.251
22	3.360		0.0000	0.000	22452.6	0.442	BB	0.034	10944.15	0.459
23	3.430		0.0000	0.000	633.7	0.012	BB	0.017	616.05	0.026
24	3.535		0.0000	0.000	8569.2	0.169	BB	0.038	3737.35	0.157
25	3.690		0.0000	0.000	214732.9	4.230	BB	0.052	68979.81	2.892
26	3.831		0.0000	0.000	380.7	0.007	BB	0.014	451.14	0.019
27	3.877		0.0000	0.000	109366.3	2.154	BB	0.038	48259.95	2.023
28	3.968		0.0000	0.000	202.3	0.004	BB	0.014	248.13	0.010
29	4.007		0.0000	0.000	28587.1	0.563	BB	0.043	11017.12	0.462
30	4.122		0.0000	0.000	313550.5	6.176	BB	0.037	140519.10	5.891
31	4.179		0.0000	0.000	44416.7	0.875	BB	0.026	28670.52	1.202
32	4.302		0.0000	0.000	96887.9	1.908	BB	0.028	58711.98	2.461
33	4.357		0.0000	0.000	85151.9	1.677	BB	0.022	63911.55	2.679
34	4.391		0.0000	0.000	181235.5	3.570	BB	0.040	75577.94	3.168
35	4.562		0.0000	0.000	305080.5	6.009	BB	0.038	135402.90	5.676
36	4.627		0.0000	0.000	26692.4	0.526	BB	0.020	22375.29	0.938
37	4.704		0.0000	0.000	203663.0	4.012	BB	0.033	103343.40	4.332
38	4.769		0.0000	0.000	49153.7	0.968	BB	0.026	31060.19	1.302
39	4.840		0.0000	0.000	3957.5	0.078	BB	0.018	3605.79	0.151
40	4.876		0.0000	0.000	50835.3	1.001	BB	0.021	39759.66	1.667
41	4.911		0.0000	0.000	142537.7	2.808	BB	0.021	113423.00	4.755
42	4.946		0.0000	0.000	124386.8	2.450	BB	0.024	87184.40	3.655
43	5.065		0.0000	0.000	66413.8	1.308	BB	0.025	44803.11	1.878
44	5.117		0.0000	0.000	104316.3	2.055	BB	0.025	68937.23	2.890
45	5.154		0.0000	0.000	55696.9	1.097	BB	0.022	42492.89	1.781
46	5.229		0.0000	0.000	3684.5	0.073	BB	0.017	3590.72	0.151
47	5.283		0.0000	0.000	77170.5	1.520	BB	0.034	38007.72	1.593
48	5.368		0.0000	0.000	82481.6	1.625	BB	0.025	54700.29	2.293
49	5.413		0.0000	0.000	21919.5	0.432	BB	0.019	19499.83	0.817
50	5.455		0.0000	0.000	163579.7	3.222	BB	0.033	83128.38	3.485
51	5.591		0.0000	0.000	108132.3	2.130	BB	0.042	43059.23	1.805
52	5.687		0.0000	0.000	141600.0	2.789	BB	0.036	65773.70	2.757
53	5.786		0.0000	0.000	3697.1	0.073	BB	0.026	2397.13	0.100
54	5.813		0.0000	0.000	5096.4	0.100	BB	0.021	4128.66	0.173
55	5.932		0.0000	0.000	30890.0	0.608	BB	0.037	14091.93	0.591
56	5.992		0.0000	0.000	127865.8	2.519	BB	0.033	64513.72	2.704
57	6.102		0.0000	0.000	43737.6	0.862	BB	0.044	16540.86	0.693
58	6.264		0.0000	0.000	23.8	0.000	BB	0.005	72.56	0.003
59	6.330		0.0000	0.000	573.3	0.011	BB	0.053	180.31	0.008
60	6.345		0.0000	0.000	670.2	0.013	BB	0.017	665.96	0.028
61	6.398		0.0000	0.000	202.7	0.004	BB	0.016	216.78	0.009
62	6.429		0.0000	0.000	9147.1	0.180	BB	0.029	5344.93	0.224

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.496		0.0000	0.000	591.9	0.012	BB	0.020	494.75	0.021
64	6.545		0.0000	0.000	113.3	0.002	BB	0.010	192.31	0.008
65	6.580		0.0000	0.000	79.5	0.002	BB	0.010	129.22	0.005
66	6.619		0.0000	0.000	1499.4	0.030	BB	0.023	1086.67	0.046
67	6.647		0.0000	0.000	3455.0	0.068	BB	0.031	1830.73	0.077
68	6.730		0.0000	0.000	267.4	0.005	BB	0.023	191.71	0.008
69	6.780		0.0000	0.000	72.0	0.001	BB	0.014	88.05	0.004
70	6.830		0.0000	0.000	22.1	0.000	BB	0.005	72.11	0.003
71	6.880		0.0000	0.000	83.4	0.002	BB	0.022	63.53	0.003
72	6.897		0.0000	0.000	32.3	0.001	BB	0.007	72.94	0.003
73	6.931		0.0000	0.000	1191.5	0.023	BB	0.028	710.07	0.030
74	6.995		0.0000	0.000	5650.1	0.111	BB	0.036	2649.33	0.111
75	7.097		0.0000	0.000	18.1	0.000	BB	0.006	51.38	0.002
76	7.113		0.0000	0.000	36.0	0.001	BB	0.009	67.05	0.003
77	7.130		0.0000	0.000	36.0	0.001	BB	0.009	67.47	0.003
78	7.163		0.0000	0.000	96.8	0.002	BB	0.024	68.36	0.003
79	7.180		0.0000	0.000	29.3	0.001	BB	0.009	55.69	0.002
80	7.198		0.0000	0.000	19.4	0.000	BB	0.006	54.04	0.002
81	7.214		0.0000	0.000	72.0	0.001	BB	0.013	89.34	0.004
82	7.246		0.0000	0.000	21.4	0.000	BB	0.007	50.29	0.002
83	7.297		0.0000	0.000	149.1	0.003	BB	0.048	51.83	0.002
84	7.314		0.0000	0.000	50.8	0.001	BB	0.009	91.28	0.004
85	7.329		0.0000	0.000	89.9	0.002	BB	0.014	108.50	0.005
86	7.396		0.0000	0.000	587.1	0.012	BB	0.032	305.93	0.013
87	7.463		0.0000	0.000	22.1	0.000	BB	0.006	60.13	0.003
88	7.480		0.0000	0.000	31.1	0.001	BB	0.007	75.22	0.003
89	7.513		0.0000	0.000	78.1	0.002	BB	0.020	65.04	0.003
90	7.530		0.0000	0.000	27.5	0.001	BB	0.007	66.36	0.003
91	7.564		0.0000	0.000	1575.6	0.031	BB	0.032	821.24	0.034
92	7.613		0.0000	0.000	105.0	0.002	BB	0.021	81.68	0.003
93	7.680		0.0000	0.000	25.4	0.000	BB	0.006	67.94	0.003
94	7.729		0.0000	0.000	211.5	0.004	BB	0.028	124.65	0.005
95	7.763		0.0000	0.000	22.6	0.000	BB	0.007	56.08	0.002
96	7.796		0.0000	0.000	76.5	0.002	BB	0.017	73.75	0.003
97	7.830		0.0000	0.000	32.9	0.001	BB	0.008	66.25	0.003
98	7.863		0.0000	0.000	86.3	0.002	BB	0.017	82.64	0.003
99	7.922		0.0000	0.000	10217.3	0.201	BB	0.038	4437.80	0.186
100	8.014		0.0000	0.000	24.7	0.000	BB	0.009	43.99	0.002
101	8.030		0.0000	0.000	31.0	0.001	BB	0.007	69.57	0.003
102	8.063		0.0000	0.000	105.0	0.002	BB	0.027	63.67	0.003
103	8.096		0.0000	0.000	25.8	0.001	BB	0.007	60.22	0.003
104	8.114		0.0000	0.000	21.9	0.000	BB	0.008	47.88	0.002
105	8.130		0.0000	0.000	35.7	0.001	BB	0.008	72.89	0.003
106	8.147		0.0000	0.000	31.5	0.001	BB	0.007	70.92	0.003
107	8.179		0.0000	0.000	70.7	0.001	BB	0.016	73.23	0.003
108	8.248	DCB	71.3462	48.607	1002094.0	19.739	BB	0.051	328141.10	13.756
109	8.513		0.0000	0.000	157.1	0.003	BB	0.025	104.33	0.004
110	8.563		0.0000	0.000	87.7	0.002	BB	0.018	79.21	0.003
111	8.613		0.0000	0.000	135.6	0.003	BB	0.026	86.06	0.004
112	8.696		0.0000	0.000	43.1	0.001	BB	0.011	62.70	0.003
113	8.747		0.0000	0.000	35.4	0.001	BB	0.008	71.25	0.003
114	8.780		0.0000	0.000	31.9	0.001	BB	0.008	69.62	0.003
115	8.829		0.0000	0.000	124.7	0.002	BB	0.029	71.34	0.003
116	8.863		0.0000	0.000	20.4	0.000	BB	0.008	44.80	0.002
117	8.896		0.0000	0.000	36.1	0.001	BB	0.008	73.10	0.003
118	8.930		0.0000	0.000	72.6	0.001	BB	0.017	71.59	0.003
119	8.963		0.0000	0.000	57.3	0.001	BB	0.013	72.18	0.003
120	9.013		0.0000	0.000	28.5	0.001	BB	0.009	54.96	0.002
121	9.047		0.0000	0.000	534.8	0.011	BB	0.039	226.11	0.009
122	9.130		0.0000	0.000	21.5	0.000	BB	0.006	55.58	0.002
123	9.163		0.0000	0.000	22.1	0.000	BB	0.007	54.35	0.002
124	9.180		0.0000	0.000	22.0	0.000	BB	0.006	57.20	0.002
125	9.196		0.0000	0.000	57.2	0.001	BB	0.012	78.35	0.003
126	9.247		0.0000	0.000	25.9	0.001	BB	0.007	62.49	0.003
127	9.263		0.0000	0.000	24.7	0.000	BB	0.006	64.53	0.003
128	9.280		0.0000	0.000	23.2	0.000	BB	0.007	58.87	0.002
129	9.297		0.0000	0.000	33.0	0.001	BB	0.008	70.35	0.003
130	9.313		0.0000	0.000	27.8	0.001	BB	0.006	72.33	0.003
131	9.347		0.0000	0.000	27.6	0.001	BB	0.007	65.01	0.003
132	9.363		0.0000	0.000	31.0	0.001	BB	0.008	62.71	0.003

ASX84 8963

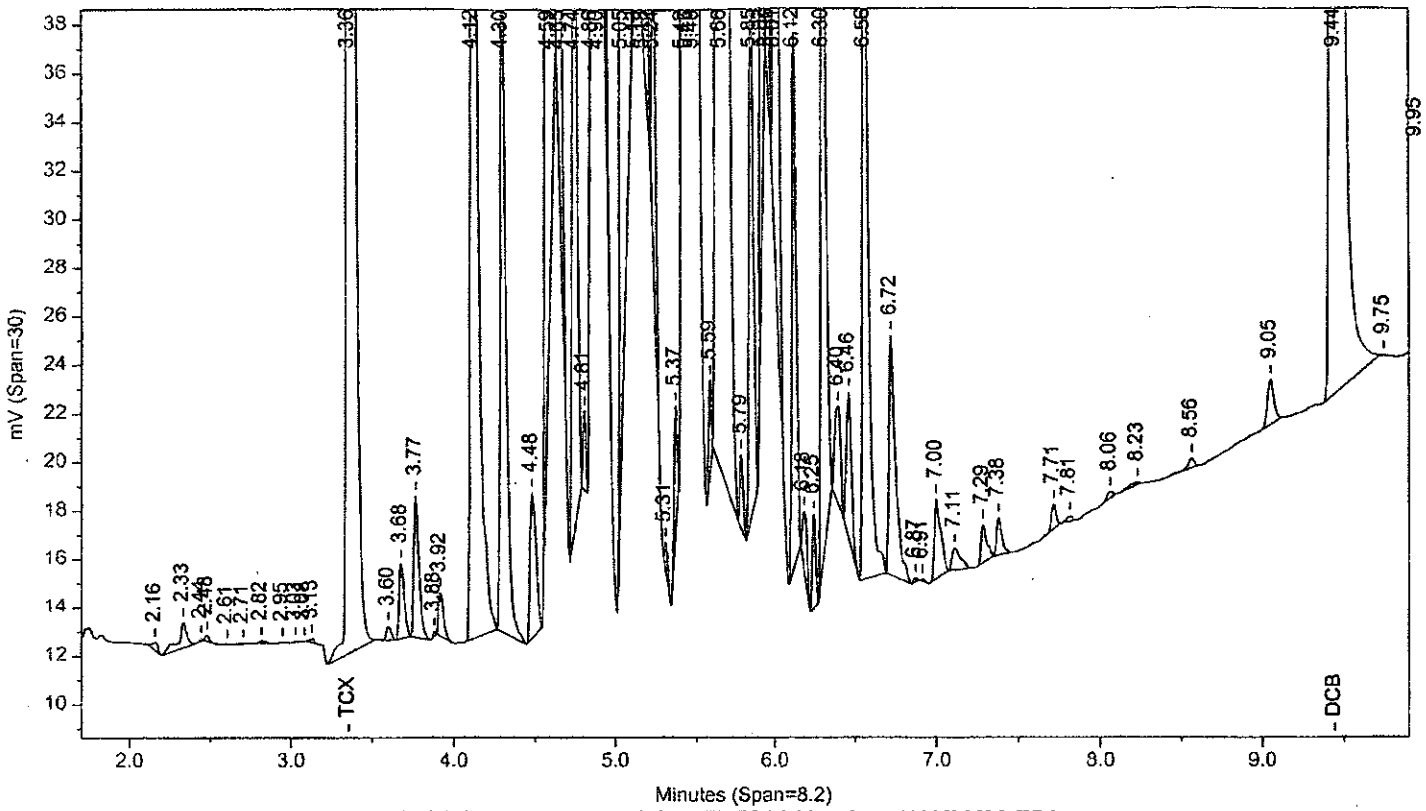
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.397		0.0000	0.000	27.5	0.001	BB	0.008	57.63	0.002
134	9.413		0.0000	0.000	31.3	0.001	BB	0.008	65.68	0.003
135	9.463		0.0000	0.000	79.3	0.002	BB	0.018	73.64	0.003
136	9.496		0.0000	0.000	22.2	0.000	BB	0.006	59.13	0.002
137	9.513		0.0000	0.000	22.8	0.000	BB	0.007	52.24	0.002
138	9.546		0.0000	0.000	161.5	0.003	BB	0.023	116.41	0.005
139	9.614		0.0000	0.000	26.5	0.001	BB	0.007	60.01	0.003
140	9.630		0.0000	0.000	28.2	0.001	BB	0.008	58.77	0.002
141	9.646		0.0000	0.000	31.2	0.001	BB	0.008	64.51	0.003
142	9.663		0.0000	0.000	30.2	0.001	BB	0.009	56.10	0.002
143	9.680		0.0000	0.000	24.0	0.000	BB	0.007	59.59	0.002
144	9.713		0.0000	0.000	5794.3	0.114	BB	0.272	354.82	0.015
145	9.930		0.0000	0.000	13109.4	0.258	BB	0.046	4757.16	0.199

Total Area = 5076657.0, Total Amount = 146.78, Total Height = 2385434.0, Sample Units = ug/l

ASX84 0964

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.18R

C:\CPWIN\DATA1\1P2235.18R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 4:13:04 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.18R

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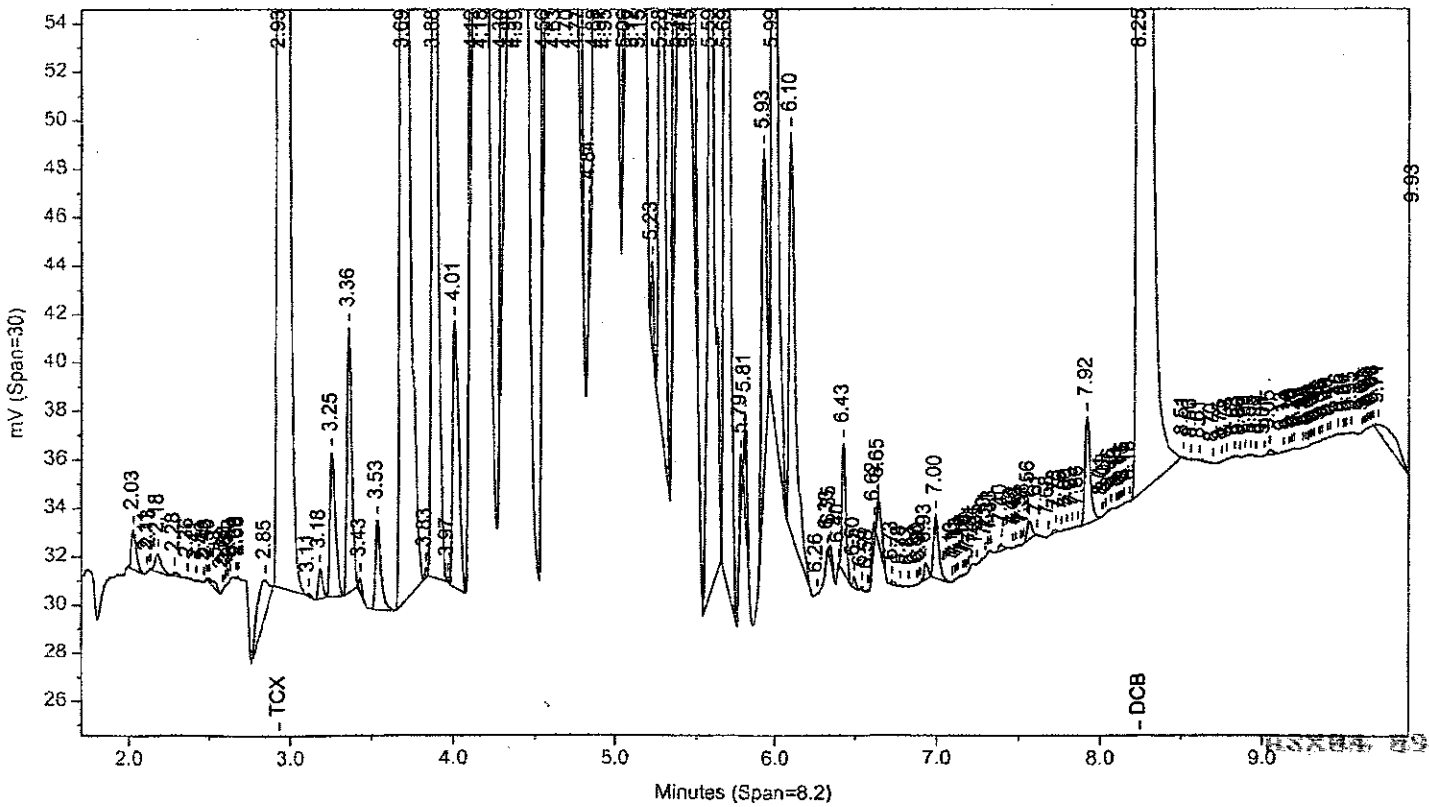


Instrument ID: CP02--H2601B Injected On: 8/23/2008 4:13:04 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

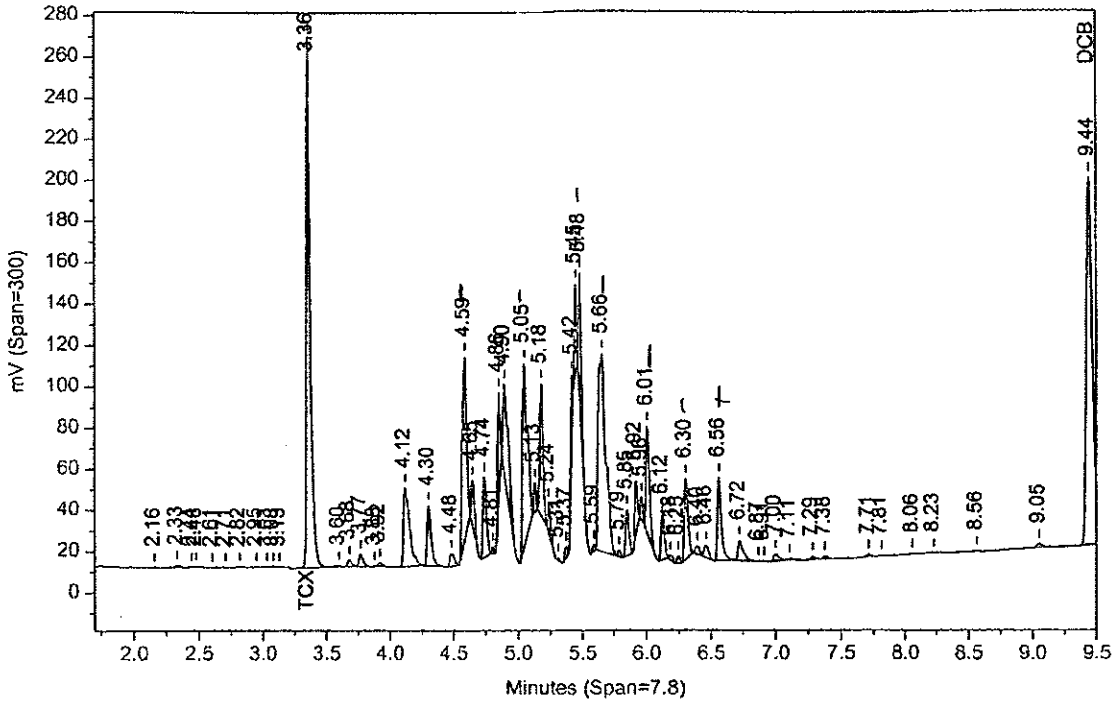
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.357	258196	80.97173	TCX	2.932	401862	75.43404	TCX
9.443	178099	77.89902	DCB	8.248	328141	71.34618	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.18A
Area File: C:\CPWIN\DATA1\1P2235B.18A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:34:52 AM
File Reported On: 8/25/2008 at 11:34:59 AM

10X REPLOTS

ASX84-096-6

C:\CPWIN\DATA1\1P2235.18R



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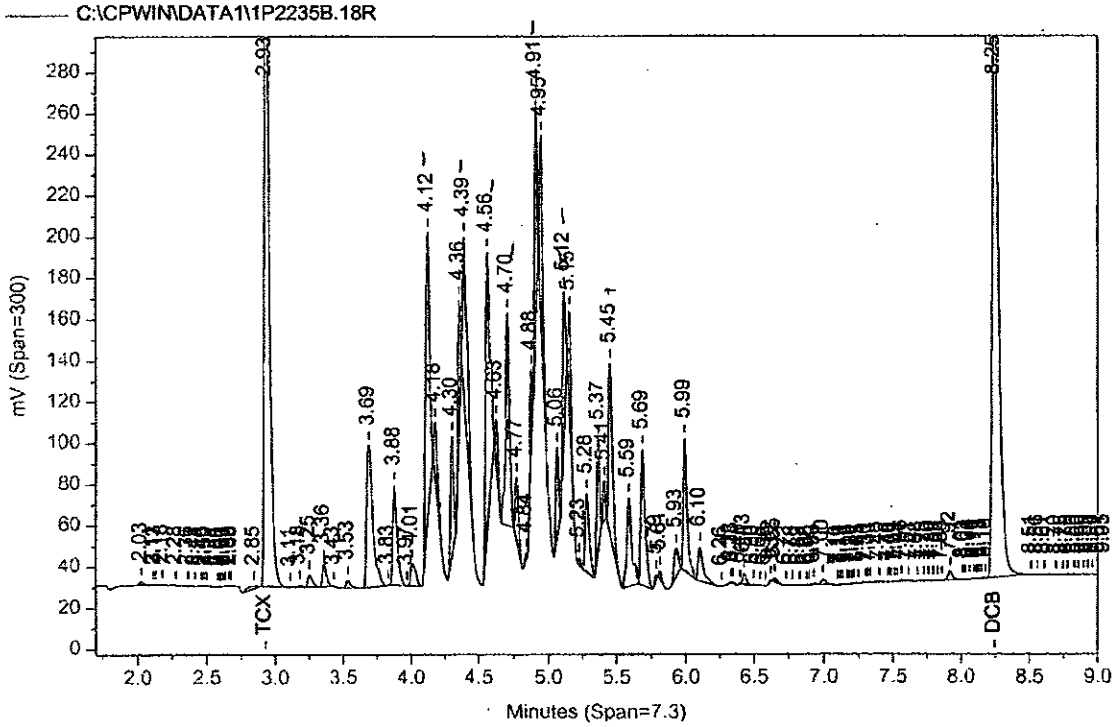

ASX84 8967

Sample Name: **AR5410824B AAAR541AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 04:37:26pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.19R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.063		0.0000	0.000	131.6	0.041	BB	0.039	56.34	0.046
2	2.134		0.0000	0.000	598.3	0.188	BB	0.062	160.53	0.131
3	2.250		0.0000	0.000	404.4	0.127	BB	0.042	161.67	0.132
4	2.302		0.0000	0.000	455.5	0.143	BB	0.075	101.07	0.082
5	2.440		0.0000	0.000	1587.8	0.498	BB	0.043	618.00	0.504
6	2.541		0.0000	0.000	53.3	0.017	BB	0.027	32.77	0.027
7	2.596		0.0000	0.000	56.9	0.018	BB	0.028	34.14	0.028
8	2.699		0.0000	0.000	267.8	0.084	BB	0.046	96.12	0.078
9	2.780		0.0000	0.000	157.2	0.049	BB	0.046	57.55	0.047
10	2.836		0.0000	0.000	54.9	0.017	BB	0.022	41.79	0.034
11	2.943		0.0000	0.000	312.0	0.098	BB	0.046	113.91	0.093
12	3.027		0.0000	0.000	177.9	0.056	BB	0.029	103.76	0.085
13	3.075		0.0000	0.000	101.8	0.032	BB	0.027	63.22	0.052
14	3.126		0.0000	0.000	3734.3	1.171	BB	0.079	783.61	0.639
15	3.356	TCX	4.2155	44.664	29577.5	9.273	BB	0.037	13442.13	10.969
16	3.494		0.0000	0.000	35.7	0.011	BB	0.026	22.99	0.019
17	3.538		0.0000	0.000	94.9	0.030	BB	0.036	44.54	0.036
18	3.669		0.0000	0.000	246.5	0.077	BB	0.029	142.78	0.117
19	3.760		0.0000	0.000	92.4	0.029	BB	0.030	50.61	0.041
20	3.836		0.0000	0.000	106.4	0.033	BB	0.036	48.75	0.040
21	3.915		0.0000	0.000	111.6	0.035	BB	0.022	84.51	0.069
22	4.028		0.0000	0.000	169.7	0.053	BB	0.030	94.83	0.077
23	4.079		0.0000	0.000	277.8	0.087	BB	0.039	120.07	0.098
24	4.196		0.0000	0.000	71.2	0.022	BB	0.026	46.54	0.038
25	4.298		0.0000	0.000	796.5	0.250	BB	0.045	294.38	0.240
26	4.496		0.0000	0.000	27.6	0.009	BB	0.019	24.51	0.020
27	4.540		0.0000	0.000	1645.8	0.516	BB	0.051	538.87	0.440
28	4.741		0.0000	0.000	1691.7	0.530	BB	0.075	376.86	0.308
29	4.855		0.0000	0.000	13943.0	4.371	BB	0.053	4359.15	3.557
30	5.046		0.0000	0.000	5112.5	1.603	BB	0.037	2300.07	1.877
31	5.181		0.0000	0.000	1477.2	0.463	BB	0.031	805.06	0.657
32	5.239		0.0000	0.000	85.3	0.027	BB	0.023	63.07	0.051
33	5.323		0.0000	0.000	2119.7	0.665	BB	0.044	794.03	0.648
34	5.423		0.0000	0.000	29291.6	9.183	BB	0.066	7358.07	6.005
35	5.591		0.0000	0.000	1559.0	0.489	BB	0.025	1045.49	0.853
36	5.651		0.0000	0.000	14064.0	4.409	BB	0.032	7296.55	5.954
37	5.694		0.0000	0.000	1557.6	0.488	BB	0.021	1211.79	0.989
38	5.751		0.0000	0.000	233.6	0.073	BB	0.014	277.61	0.227
39	5.783		0.0000	0.000	241.3	0.076	BB	0.019	212.61	0.174
40	5.848		0.0000	0.000	5452.2	1.709	BB	0.032	2847.63	2.324
41	5.919		0.0000	0.000	12524.7	3.927	BB	0.041	5137.07	4.192
42	6.003		0.0000	0.000	19107.2	5.990	BB	0.031	10233.28	8.351
43	6.114		0.0000	0.000	1477.2	0.463	BB	0.025	1000.38	0.816
44	6.178		0.0000	0.000	6981.8	2.189	BB	0.034	3438.66	2.806
45	6.239		0.0000	0.000	240.9	0.076	BB	0.017	239.76	0.196
46	6.298		0.0000	0.000	14138.6	4.433	BB	0.032	7439.63	6.071
47	6.379		0.0000	0.000	9441.5	2.960	BB	0.036	4325.16	3.530
48	6.458		0.0000	0.000	16111.1	5.051	BB	0.044	6148.22	5.017
49	6.562		0.0000	0.000	9168.3	2.874	BB	0.032	4748.37	3.875
50	6.618		0.0000	0.000	150.7	0.047	BB	0.015	172.97	0.141
51	6.666		0.0000	0.000	731.8	0.229	BB	0.028	438.97	0.358
52	6.720		0.0000	0.000	22447.5	7.038	BB	0.045	8382.66	6.841
53	6.866		0.0000	0.000	504.6	0.158	BB	0.038	224.24	0.183
54	6.996		0.0000	0.000	6449.9	2.022	BB	0.045	2407.63	1.965
55	7.106		0.0000	0.000	2787.6	0.874	BB	0.057	821.81	0.671
56	7.284		0.0000	0.000	2818.4	0.884	BB	0.038	1221.00	0.996
57	7.375		0.0000	0.000	2091.1	0.656	BB	0.036	975.98	0.796
58	7.712		0.0000	0.000	1552.7	0.487	BB	0.034	760.48	0.621
59	7.770		0.0000	0.000	44.2	0.014	BB	0.023	32.17	0.026
60	7.898		0.0000	0.000	4796.6	1.504	BB	0.049	1642.14	1.340
61	8.265		0.0000	0.000	1313.5	0.412	BB	0.257	85.32	0.070
62	8.357		0.0000	0.000	3132.1	0.982	BB	0.068	768.55	0.627

ASX84 8968

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.528		0.0000	0.000	4570.3	1.433	BB	0.141	538.81	0.440
64	9.444	DCB	5.2227	55.336	37230.3	11.672	BB	0.052	11940.65	9.744
65	9.959		0.0000	0.000	20976.0	6.576	BB	0.113	3089.14	2.521

Total Area = 318964.3, Total Amount = 9.438, Total Height = 122541.0, Sample Units = ug/l

ASX84A 8363

Sample Name: **AR5410824B AAAR541AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 04:37:26pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.19R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.039		0.0000	0.000	275.2	0.050	BB	0.024	188.45	0.082
2	2.139		0.0000	0.000	817.1	0.150	BB	0.041	335.04	0.146
3	2.208		0.0000	0.000	406.5	0.075	BB	0.033	208.20	0.091
4	2.273		0.0000	0.000	15.0	0.003	BB	0.005	46.70	0.020
5	2.304		0.0000	0.000	335.7	0.062	BB	0.029	189.88	0.083
6	2.355		0.0000	0.000	114.1	0.021	BB	0.018	103.74	0.045
7	2.488		0.0000	0.000	1526.8	0.280	BB	0.066	385.43	0.168
8	2.590		0.0000	0.000	36.4	0.007	BB	0.011	55.45	0.024
9	2.641		0.0000	0.000	306.6	0.056	BB	0.030	168.78	0.073
10	2.656		0.0000	0.000	6590.3	1.209	BB	0.313	350.84	0.153
11	2.835		0.0000	0.000	12633.5	2.317	BB	0.070	3004.95	1.307
12	2.930	TCX	4.7276	44.703	49854.4	9.145	BB	0.033	25185.52	10.955
13	3.122		0.0000	0.000	962.3	0.177	BB	0.044	362.45	0.158
14	3.206		0.0000	0.000	188.1	0.035	BB	0.025	123.87	0.054
15	3.254		0.0000	0.000	508.9	0.093	BB	0.028	298.11	0.130
16	3.323		0.0000	0.000	46.7	0.009	BB	0.018	42.10	0.018
17	3.356		0.0000	0.000	559.0	0.103	BB	0.040	234.20	0.102
18	3.438		0.0000	0.000	426.2	0.078	BB	0.033	213.93	0.093
19	3.506		0.0000	0.000	144.5	0.026	BB	0.037	65.73	0.029
20	3.523		0.0000	0.000	49.0	0.009	BB	0.014	58.01	0.025
21	3.573		0.0000	0.000	59.3	0.011	BB	0.015	67.04	0.029
22	3.607		0.0000	0.000	83.4	0.015	BB	0.018	79.32	0.035
23	3.657		0.0000	0.000	21.5	0.004	BB	0.009	40.69	0.018
24	3.674		0.0000	0.000	28.2	0.005	BB	0.008	57.47	0.025
25	3.689		0.0000	0.000	195.8	0.036	BB	0.037	88.55	0.039
26	3.815		0.0000	0.000	1883.2	0.345	BB	0.043	725.89	0.316
27	3.897		0.0000	0.000	488.3	0.090	BB	0.032	253.20	0.110
28	3.973		0.0000	0.000	28.4	0.005	BB	0.009	52.51	0.023
29	4.007		0.0000	0.000	15.6	0.003	BB	0.009	29.94	0.013
30	4.039		0.0000	0.000	180.6	0.033	BB	0.024	125.59	0.055
31	4.079		0.0000	0.000	1180.4	0.217	BB	0.027	741.52	0.323
32	4.190		0.0000	0.000	328.8	0.060	BB	0.076	71.65	0.031
33	4.207		0.0000	0.000	20.3	0.004	BB	0.010	34.29	0.015
34	4.240		0.0000	0.000	2061.2	0.378	BB	0.054	634.32	0.276
35	4.355		0.0000	0.000	23400.7	4.292	BB	0.051	7718.40	3.357
36	4.558		0.0000	0.000	11435.6	2.098	BB	0.041	4674.46	2.033
37	4.657		0.0000	0.000	33.6	0.006	BB	0.013	41.43	0.018
38	4.700		0.0000	0.000	2853.9	0.523	BB	0.031	1512.31	0.658
39	4.766		0.0000	0.000	408.1	0.075	BB	0.025	274.80	0.120
40	4.834		0.0000	0.000	251.7	0.046	BB	0.025	168.32	0.073
41	4.874		0.0000	0.000	381.4	0.070	BB	0.030	214.75	0.093
42	4.909		0.0000	0.000	37244.4	6.832	BB	0.037	16757.38	7.289
43	5.004		0.0000	0.000	2436.9	0.447	BB	0.022	1812.59	0.788
44	5.062		0.0000	0.000	17926.3	3.288	BB	0.026	11386.94	4.953
45	5.107		0.0000	0.000	12675.8	2.325	BB	0.046	4555.89	1.982
46	5.229		0.0000	0.000	1011.0	0.185	BB	0.026	638.60	0.278
47	5.279		0.0000	0.000	11100.3	2.036	BB	0.032	5698.43	2.479
48	5.363		0.0000	0.000	15970.4	2.929	BB	0.026	10163.77	4.421
49	5.413		0.0000	0.000	1137.0	0.209	BB	0.021	919.39	0.400
50	5.451		0.0000	0.000	41906.6	7.687	BB	0.037	18679.05	8.125
51	5.586		0.0000	0.000	20904.8	3.835	BB	0.036	9753.82	4.243
52	5.683		0.0000	0.000	27508.8	5.046	BB	0.036	12616.52	5.488
53	5.780		0.0000	0.000	17051.4	3.128	BB	0.036	7887.08	3.431
54	5.930		0.0000	0.000	27513.3	5.047	BB	0.042	11013.79	4.791
55	5.986		0.0000	0.000	9107.8	1.671	BB	0.024	6211.87	2.702
56	6.043		0.0000	0.000	1926.3	0.353	BB	0.022	1479.49	0.644
57	6.099		0.0000	0.000	37983.8	6.967	BB	0.042	14897.13	6.480
58	6.274		0.0000	0.000	23.8	0.004	BB	0.009	44.58	0.019
59	6.323		0.0000	0.000	469.2	0.086	BB	0.049	158.82	0.069
60	6.340		0.0000	0.000	660.1	0.121	BB	0.023	468.70	0.204
61	6.426		0.0000	0.000	8580.0	1.574	BB	0.033	4337.61	1.887
62	6.490		0.0000	0.000	354.1	0.065	BB	0.019	304.74	0.133

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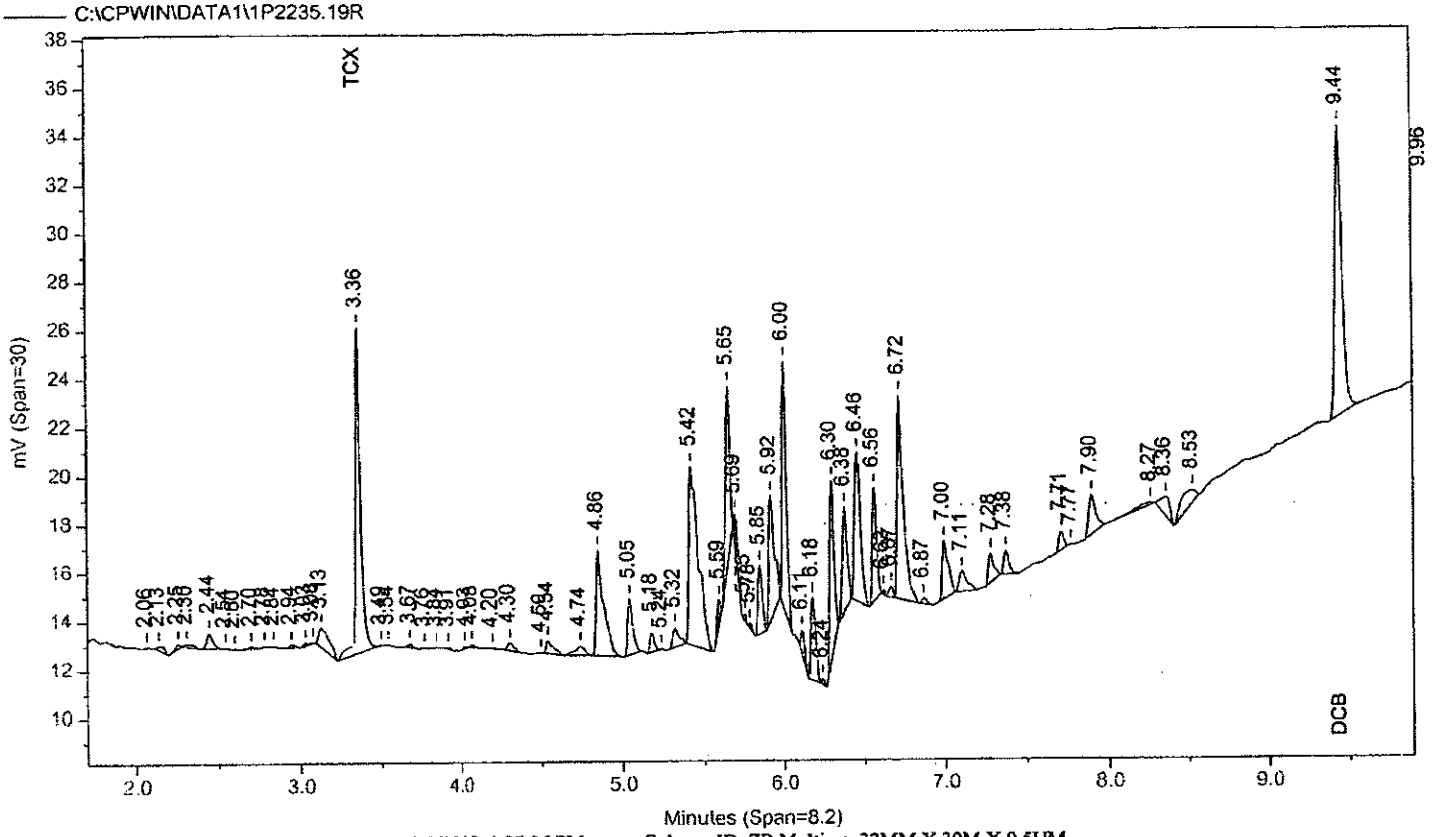
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.575		0.0000	0.000	57.0	0.010	BB	0.012	76.60	0.033
64	6.616		0.0000	0.000	1275.1	0.234	BB	0.022	960.64	0.418
65	6.644		0.0000	0.000	1800.8	0.330	BB	0.029	1019.18	0.443
66	6.773		0.0000	0.000	25.2	0.005	BB	0.009	46.26	0.020
67	6.823		0.0000	0.000	123.5	0.023	BB	0.056	36.54	0.016
68	6.873		0.0000	0.000	20.9	0.004	BB	0.007	49.78	0.022
69	6.923		0.0000	0.000	67.9	0.012	BB	0.025	45.61	0.020
70	6.939		0.0000	0.000	67.0	0.012	BB	0.015	73.17	0.032
71	6.979		0.0000	0.000	2075.8	0.381	BB	0.020	1732.83	0.754
72	7.146		0.0000	0.000	16388.6	3.006	BB	0.073	3727.48	1.621
73	7.289		0.0000	0.000	272.5	0.050	BB	0.035	131.34	0.057
74	7.340		0.0000	0.000	470.6	0.086	BB	0.030	260.08	0.113
75	7.440		0.0000	0.000	353.1	0.065	BB	0.100	59.02	0.026
76	7.490		0.0000	0.000	67.7	0.012	BB	0.021	54.97	0.024
77	7.506		0.0000	0.000	37.9	0.007	BB	0.011	57.99	0.025
78	7.557		0.0000	0.000	453.8	0.083	BB	0.035	217.58	0.095
79	7.623		0.0000	0.000	34.1	0.006	BB	0.012	48.90	0.021
80	7.639		0.0000	0.000	44.8	0.008	BB	0.013	58.97	0.026
81	7.690		0.0000	0.000	33.7	0.006	BB	0.012	45.38	0.020
82	7.707		0.0000	0.000	60.3	0.011	BB	0.015	66.11	0.029
83	7.772		0.0000	0.000	102.6	0.019	BB	0.024	70.95	0.031
84	7.824		0.0000	0.000	22.2	0.004	BB	0.010	37.17	0.016
85	7.857		0.0000	0.000	23.1	0.004	BB	0.010	39.92	0.017
86	7.890		0.0000	0.000	14.6	0.003	BB	0.007	36.75	0.016
87	7.923		0.0000	0.000	378.9	0.070	BB	0.033	189.80	0.083
88	7.989		0.0000	0.000	94.1	0.017	BB	0.019	82.39	0.036
89	8.024		0.0000	0.000	28.9	0.005	BB	0.010	47.11	0.020
90	8.056		0.0000	0.000	27.5	0.005	BB	0.010	46.05	0.020
91	8.090		0.0000	0.000	79.3	0.015	BB	0.021	61.99	0.027
92	8.140		0.0000	0.000	14.5	0.003	BB	0.007	33.46	0.015
93	8.157		0.0000	0.000	17.3	0.003	BB	0.008	34.97	0.015
94	8.190		0.0000	0.000	21.3	0.004	BB	0.009	40.59	0.018
95	8.246	DCB	5.8480	55.297	69877.6	12.817	BB	0.043	26896.82	11.699
96	8.406		0.0000	0.000	41.2	0.008	BB	0.013	52.11	0.023
97	8.456		0.0000	0.000	14.0	0.003	BB	0.006	36.04	0.016
98	8.473		0.0000	0.000	244.4	0.045	BB	0.044	91.61	0.040
99	8.557		0.0000	0.000	62.1	0.011	BB	0.021	50.22	0.022
100	8.607		0.0000	0.000	93.9	0.017	BB	0.037	41.91	0.018
101	8.640		0.0000	0.000	23.2	0.004	BB	0.010	39.06	0.017
102	8.674		0.0000	0.000	24.2	0.004	BB	0.011	37.56	0.016
103	8.773		0.0000	0.000	109.0	0.020	BB	0.026	69.02	0.030
104	8.823		0.0000	0.000	81.5	0.015	BB	0.022	61.91	0.027
105	8.957		0.0000	0.000	164.4	0.030	BB	0.050	55.16	0.024
106	8.973		0.0000	0.000	23.4	0.004	BB	0.010	40.66	0.018
107	9.007		0.0000	0.000	67.5	0.012	BB	0.038	29.94	0.013
108	9.040		0.0000	0.000	18.9	0.003	BB	0.008	39.37	0.017
109	9.073		0.0000	0.000	24.4	0.004	BB	0.012	34.54	0.015
110	9.107		0.0000	0.000	34.8	0.006	BB	0.019	30.86	0.013
111	9.156		0.0000	0.000	118.1	0.022	BB	0.045	43.52	0.019
112	9.190		0.0000	0.000	31.4	0.006	BB	0.010	51.42	0.022
113	9.223		0.0000	0.000	58.7	0.011	BB	0.019	52.68	0.023
114	9.256		0.0000	0.000	53.4	0.010	BB	0.015	58.43	0.025
115	9.290		0.0000	0.000	49.7	0.009	BB	0.018	45.44	0.020
116	9.322		0.0000	0.000	54.3	0.010	BB	0.019	47.76	0.021
117	9.356		0.0000	0.000	27.0	0.005	BB	0.010	46.06	0.020
118	9.390		0.0000	0.000	14.8	0.003	BB	0.007	36.12	0.016
119	9.407		0.0000	0.000	22.1	0.004	BB	0.009	39.91	0.017
120	9.423		0.0000	0.000	25.5	0.005	BB	0.009	46.68	0.020
121	9.440		0.0000	0.000	25.3	0.005	BB	0.009	46.92	0.020
122	9.473		0.0000	0.000	69.4	0.013	BB	0.025	47.04	0.020
123	9.539		0.0000	0.000	348.9	0.064	BB	0.031	185.63	0.081
124	9.673		0.0000	0.000	689.5	0.126	BB	0.189	60.80	0.026
125	9.707		0.0000	0.000	7603.5	1.395	BB	0.301	421.37	0.183
126	9.972		0.0000	0.000	25896.6	4.750	BB	0.169	2560.11	1.114

Total Area = 545175.6, Total Amount = 10.576, Total Height = 229900.3, Sample Units = ug/l

ASX0420571

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.19R

C:\CPWIN\DATA1\1P2235.19R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 4:27:26 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.19R

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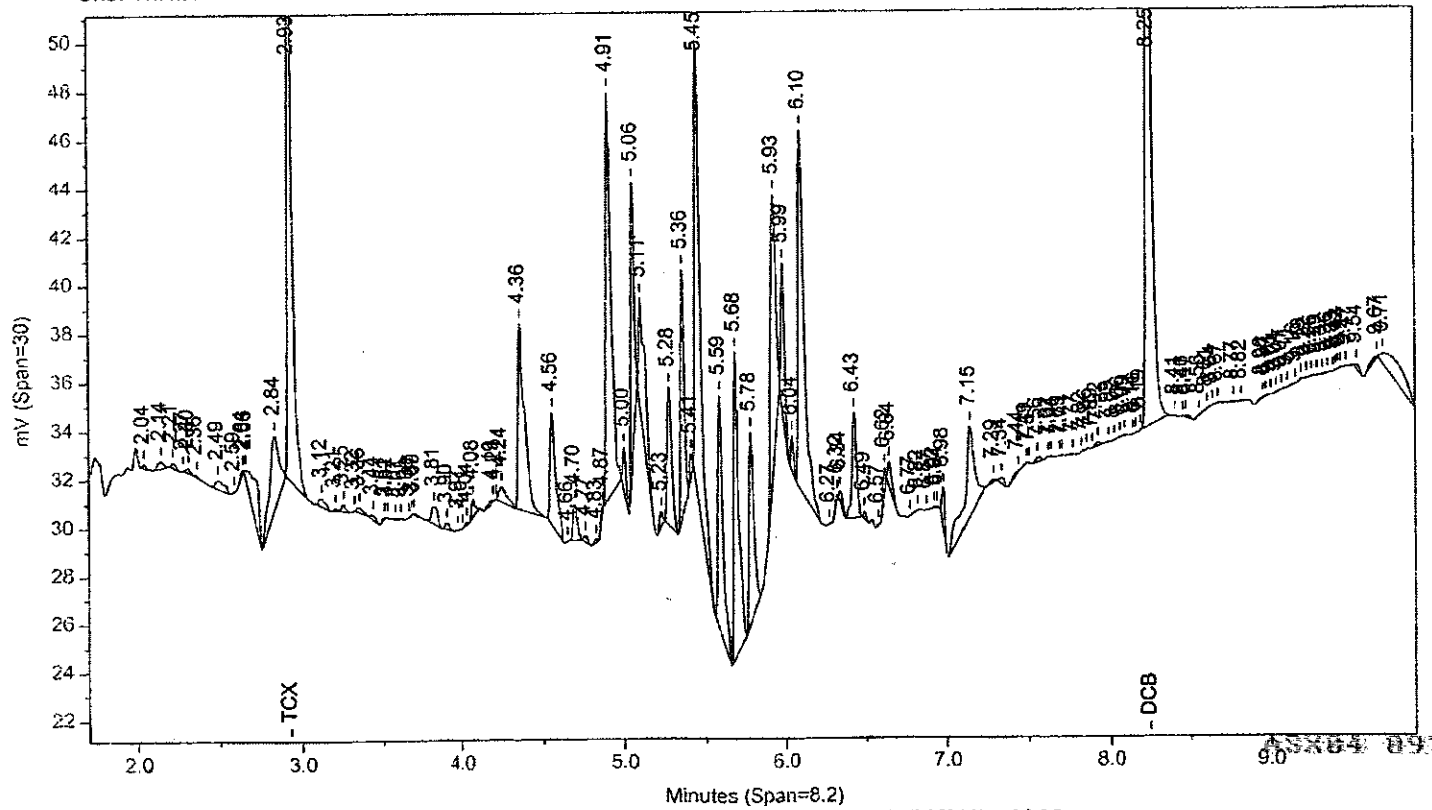


Instrument ID: CP02--H2601B Injected On: 8/23/2008 4:27:26 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

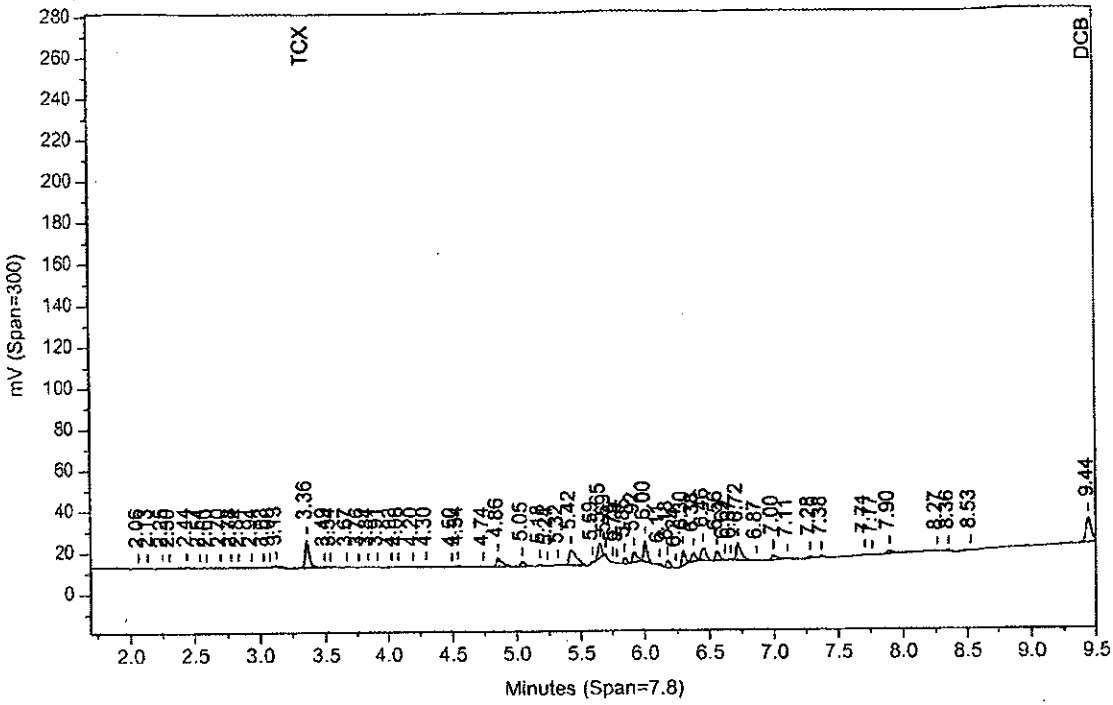
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	13442	4.21552	TCX	2.93	25186	4.72761	TCX
9.444	11941	5.22273	DCB	8.246	26897	5.84805	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.19A
Area File: C:\CPWIN\DATA1\1P2235B.19A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:35:08 AM
File Reported On: 8/25/2008 at 11:35:17 AM

10X REPLOTS

ASX84 8973

C:\CPWIN\DATA1\1P2235.19R



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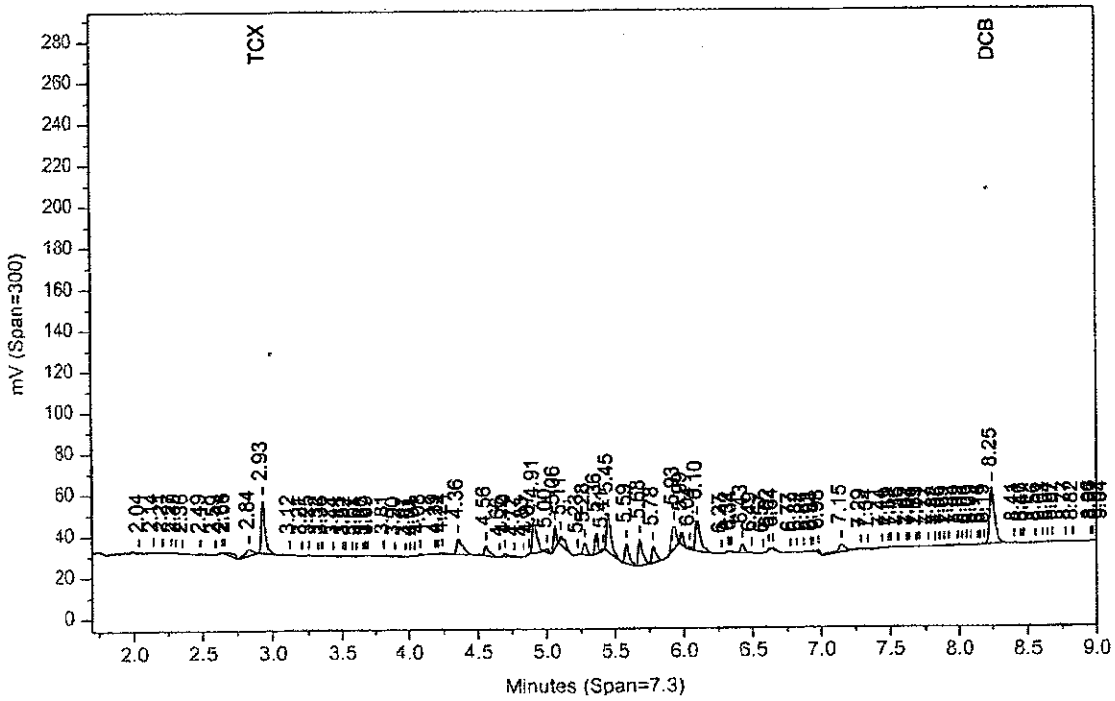


ASX84 8974

Sample Name: **AR5420824B AAAR542AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 04:51:55pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.20R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.053		0.0000	0.000	98.4	0.012	BB	0.043	38.39	0.012
2	2.159		0.0000	0.000	809.1	0.101	BB	0.042	322.59	0.105
3	2.330		0.0000	0.000	2771.0	0.345	BB	0.108	426.17	0.138
4	2.445		0.0000	0.000	1435.9	0.179	BB	0.046	523.83	0.170
5	2.675		0.0000	0.000	273.7	0.034	BB	0.053	85.79	0.028
6	2.778		0.0000	0.000	493.5	0.062	BB	0.085	97.23	0.032
7	2.949		0.0000	0.000	147.3	0.018	BB	0.038	64.70	0.021
8	3.032		0.0000	0.000	107.8	0.013	BB	0.031	57.52	0.019
9	3.088		0.0000	0.000	44.5	0.006	BB	0.028	26.85	0.009
10	3.124		0.0000	0.000	270.7	0.034	BB	0.040	113.15	0.037
11	3.358	TCX	22.4151	49.049	143900.9	17.936	BB	0.034	71475.53	23.200
12	3.672		0.0000	0.000	1276.8	0.159	BB	0.029	734.82	0.239
13	3.750		0.0000	0.000	3232.4	0.403	BB	0.054	997.10	0.324
14	3.882		0.0000	0.000	350.3	0.044	BB	0.040	146.56	0.048
15	4.046		0.0000	0.000	284.8	0.035	BB	0.099	47.79	0.016
16	4.112		0.0000	0.000	492.2	0.061	BB	0.064	128.65	0.042
17	4.302		0.0000	0.000	1149.8	0.143	BB	0.047	406.99	0.132
18	4.391		0.0000	0.000	177.6	0.022	BB	0.029	103.44	0.034
19	4.545		0.0000	0.000	178.6	0.022	BB	0.020	148.53	0.048
20	4.587		0.0000	0.000	806.8	0.101	BB	0.044	303.28	0.098
21	4.678		0.0000	0.000	749.3	0.093	BB	0.043	293.67	0.095
22	4.746		0.0000	0.000	650.5	0.081	BB	0.037	292.75	0.095
23	4.859		0.0000	0.000	26864.2	3.348	BB	0.052	8543.33	2.773
24	5.050		0.0000	0.000	11013.6	1.373	BB	0.039	4688.00	1.522
25	5.132		0.0000	0.000	170.6	0.021	BB	0.018	154.01	0.050
26	5.185		0.0000	0.000	2897.0	0.361	BB	0.030	1584.15	0.514
27	5.243		0.0000	0.000	160.5	0.020	BB	0.022	122.51	0.040
28	5.329		0.0000	0.000	538.3	0.067	BB	0.029	305.06	0.099
29	5.371		0.0000	0.000	261.5	0.033	BB	0.021	207.03	0.067
30	5.427		0.0000	0.000	58421.5	7.282	BB	0.068	14386.25	4.670
31	5.596		0.0000	0.000	3181.7	0.397	BB	0.026	2030.10	0.659
32	5.655		0.0000	0.000	28250.7	3.521	BB	0.032	14528.38	4.716
33	5.701		0.0000	0.000	4206.4	0.524	BB	0.023	3059.09	0.993
34	5.793		0.0000	0.000	1055.9	0.132	BB	0.024	731.75	0.238
35	5.855		0.0000	0.000	10829.7	1.350	BB	0.031	5733.17	1.861
36	5.926		0.0000	0.000	25247.7	3.147	BB	0.040	10430.73	3.386
37	6.010		0.0000	0.000	38644.0	4.817	BB	0.031	20555.14	6.672
38	6.075		0.0000	0.000	229.9	0.029	BB	0.024	156.64	0.051
39	6.123		0.0000	0.000	3213.9	0.401	BB	0.024	2226.29	0.723
40	6.186		0.0000	0.000	14251.6	1.776	BB	0.035	6814.39	2.212
41	6.245		0.0000	0.000	526.2	0.066	BB	0.016	539.89	0.175
42	6.305		0.0000	0.000	29852.2	3.721	BB	0.033	14970.71	4.859
43	6.385		0.0000	0.000	9475.5	1.181	BB	0.033	4766.15	1.547
44	6.463		0.0000	0.000	33453.1	4.170	BB	0.044	12595.09	4.088
45	6.568		0.0000	0.000	18582.7	2.316	BB	0.031	9990.92	3.243
46	6.625		0.0000	0.000	268.9	0.034	BB	0.014	312.84	0.102
47	6.673		0.0000	0.000	1429.9	0.178	BB	0.030	803.73	0.261
48	6.726		0.0000	0.000	44967.4	5.605	BB	0.044	16979.34	5.511
49	6.872		0.0000	0.000	1003.4	0.125	BB	0.036	469.98	0.153
50	7.001		0.0000	0.000	13392.1	1.669	BB	0.045	4927.27	1.599
51	7.110		0.0000	0.000	1726.6	0.215	BB	0.035	819.16	0.266
52	7.162		0.0000	0.000	221.6	0.028	BB	0.020	185.61	0.060
53	7.286		0.0000	0.000	6223.9	0.776	BB	0.040	2569.27	0.834
54	7.379		0.0000	0.000	4057.4	0.506	BB	0.034	1960.39	0.636
55	7.554		0.0000	0.000	208.0	0.026	BB	0.069	50.46	0.016
56	7.716		0.0000	0.000	3019.9	0.376	BB	0.034	1480.26	0.480
57	7.904		0.0000	0.000	2498.4	0.311	BB	0.045	923.34	0.300
58	8.285		0.0000	0.000	707.2	0.088	BB	0.242	48.75	0.016
59	8.366		0.0000	0.000	987.6	0.123	BB	0.062	263.69	0.086
60	8.507		0.0000	0.000	8659.4	1.079	BB	0.084	1722.33	0.559
61	9.054		0.0000	0.000	31845.8	3.969	BB	0.938	565.91	0.184
62	9.446	DCB	23.2843	50.951	178536.7	22.253	BB	0.056	53234.64	17.279

ASX84 0975

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.718		0.0000	0.000	91.2	0.011	BB	0.038	40.50	0.013
64	9.770		0.0000	0.000	32.0	0.004	BB	0.031	17.14	0.006
65	9.940		0.0000	0.000	21402.8	2.668	BB	0.075	4754.94	1.543

Total Area = 802310.3, Total Amount = 45.699, Total Height = 308083.7, Sample Units = ug/l

ASX84 0976

Sample Name: **AR5420824B AAAR542AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 04:51:55pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.20R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	871.4	0.068	BB	0.038	386.91	0.070
2	2.148		0.0000	0.000	157.8	0.012	BB	0.048	54.37	0.010
3	2.167		0.0000	0.000	198.1	0.015	BB	0.025	132.04	0.024
4	2.250		0.0000	0.000	615.7	0.048	BB	0.026	397.40	0.072
5	2.447		0.0000	0.000	14.9	0.001	BB	0.008	31.71	0.006
6	2.479		0.0000	0.000	201.1	0.016	BB	0.033	102.28	0.018
7	2.645		0.0000	0.000	342.8	0.027	BB	0.049	115.92	0.021
8	2.665		0.0000	0.000	5385.9	0.420	BB	0.272	330.28	0.060
9	2.831		0.0000	0.000	4929.8	0.384	BB	0.081	1010.04	0.182
10	2.931	TCX	22.4353	48.631	257323.0	20.058	BB	0.036	119520.40	21.586
11	3.114		0.0000	0.000	453.7	0.035	BB	0.045	167.87	0.030
12	3.197		0.0000	0.000	70.8	0.006	BB	0.020	60.55	0.011
13	3.256		0.0000	0.000	2685.3	0.209	BB	0.029	1548.79	0.280
14	3.331		0.0000	0.000	49.0	0.004	BB	0.016	51.90	0.009
15	3.356		0.0000	0.000	1126.3	0.088	BB	0.070	269.65	0.049
16	3.546		0.0000	0.000	595.8	0.046	BB	0.059	168.54	0.030
17	3.583		0.0000	0.000	2009.4	0.157	BB	0.048	698.31	0.126
18	3.681		0.0000	0.000	91.1	0.007	BB	0.016	95.52	0.017
19	3.818		0.0000	0.000	1640.2	0.128	BB	0.041	662.94	0.120
20	3.975		0.0000	0.000	463.1	0.036	BB	0.028	278.81	0.050
21	4.033		0.0000	0.000	215.9	0.017	BB	0.023	157.09	0.028
22	4.081		0.0000	0.000	226.4	0.018	BB	0.016	234.43	0.042
23	4.121		0.0000	0.000	925.6	0.072	BB	0.030	517.57	0.093
24	4.180		0.0000	0.000	601.1	0.047	BB	0.030	329.96	0.060
25	4.247		0.0000	0.000	900.8	0.070	BB	0.034	444.67	0.080
26	4.297		0.0000	0.000	203.3	0.016	BB	0.017	193.67	0.035
27	4.359		0.0000	0.000	46823.8	3.650	BB	0.052	14953.60	2.701
28	4.564		0.0000	0.000	24489.5	1.909	BB	0.042	9620.87	1.738
29	4.706		0.0000	0.000	6034.0	0.470	BB	0.032	3104.01	0.561
30	4.771		0.0000	0.000	816.5	0.064	BB	0.025	537.04	0.097
31	4.837		0.0000	0.000	463.8	0.036	BB	0.024	316.27	0.057
32	4.878		0.0000	0.000	1014.7	0.079	BB	0.019	870.30	0.157
33	4.914		0.0000	0.000	62465.6	4.869	BB	0.035	29963.40	5.411
34	4.979		0.0000	0.000	278.5	0.022	BB	0.008	556.11	0.100
35	5.010		0.0000	0.000	4930.9	0.384	BB	0.022	3680.92	0.665
36	5.067		0.0000	0.000	34120.5	2.660	BB	0.027	21071.51	3.806
37	5.114		0.0000	0.000	4330.8	0.338	BB	0.017	4261.46	0.770
38	5.137		0.0000	0.000	3672.3	0.286	BB	0.021	2888.45	0.522
39	5.234		0.0000	0.000	2063.0	0.161	BB	0.024	1410.70	0.255
40	5.285		0.0000	0.000	21473.4	1.674	BB	0.033	10698.61	1.932
41	5.369		0.0000	0.000	30943.5	2.412	BB	0.026	19598.00	3.539
42	5.418		0.0000	0.000	2010.9	0.157	BB	0.018	1831.95	0.331
43	5.459		0.0000	0.000	83168.4	6.483	BB	0.039	35695.95	6.447
44	5.594		0.0000	0.000	42194.7	3.289	BB	0.037	18858.45	3.406
45	5.689		0.0000	0.000	56073.0	4.371	BB	0.038	24865.49	4.491
46	5.786		0.0000	0.000	33844.5	2.638	BB	0.037	15321.92	2.767
47	5.931		0.0000	0.000	42578.9	3.319	BB	0.038	18511.11	3.343
48	5.996		0.0000	0.000	21417.0	1.669	BB	0.026	13594.19	2.455
49	6.051		0.0000	0.000	3415.4	0.266	BB	0.021	2677.17	0.484
50	6.106		0.0000	0.000	78343.5	6.107	BB	0.045	29104.72	5.256
51	6.280		0.0000	0.000	124.1	0.010	BB	0.016	129.97	0.023
52	6.352		0.0000	0.000	4251.5	0.331	BB	0.040	1765.08	0.319
53	6.432		0.0000	0.000	17497.6	1.364	BB	0.033	8804.08	1.590
54	6.496		0.0000	0.000	758.5	0.059	BB	0.020	635.74	0.115
55	6.543		0.0000	0.000	767.4	0.060	BB	0.022	585.84	0.106
56	6.580		0.0000	0.000	121.8	0.009	BB	0.011	185.31	0.033
57	6.621		0.0000	0.000	2747.1	0.214	BB	0.020	2246.26	0.406
58	6.649		0.0000	0.000	3546.8	0.276	BB	0.029	2022.03	0.365
59	6.797		0.0000	0.000	20.8	0.002	BB	0.008	43.48	0.008
60	6.830		0.0000	0.000	24.0	0.002	BB	0.008	48.48	0.009
61	6.863		0.0000	0.000	56.5	0.004	BB	0.015	61.67	0.011
62	6.897		0.0000	0.000	19.4	0.002	BB	0.007	48.07	0.009

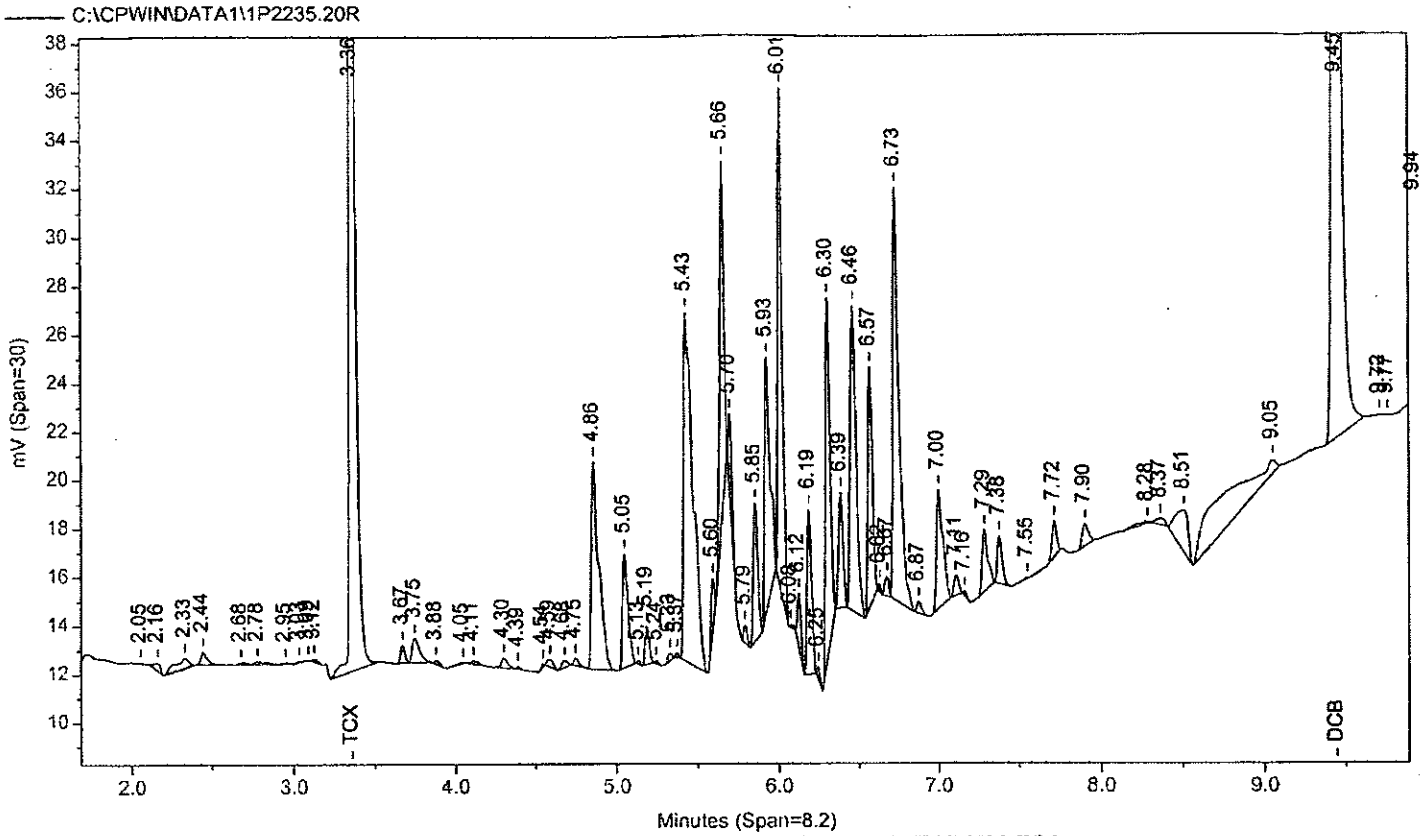
ASX04 8977

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.931		0.0000	0.000	21.4	0.002	BB	0.007	49.46	0.009
64	6.990		0.0000	0.000	6077.0	0.474	BB	0.032	3214.06	0.580
65	7.097		0.0000	0.000	23.0	0.002	BB	0.009	42.41	0.008
66	7.150		0.0000	0.000	4274.1	0.333	BB	0.041	1724.79	0.312
67	7.247		0.0000	0.000	12.6	0.001	BB	0.007	31.56	0.006
68	7.280		0.0000	0.000	319.9	0.025	BB	0.026	201.41	0.036
69	7.313		0.0000	0.000	3513.9	0.274	BB	0.066	882.48	0.159
70	7.514		0.0000	0.000	7442.6	0.580	BB	1.006	123.26	0.022
71	7.530		0.0000	0.000	17.3	0.001	BB	0.008	37.96	0.007
72	7.563		0.0000	0.000	506.6	0.039	BB	0.032	267.99	0.048
73	7.630		0.0000	0.000	45.1	0.004	BB	0.012	60.55	0.011
74	7.663		0.0000	0.000	48.9	0.004	BB	0.019	43.36	0.008
75	7.697		0.0000	0.000	46.6	0.004	BB	0.016	48.22	0.009
76	7.714		0.0000	0.000	66.9	0.005	BB	0.015	73.55	0.013
77	7.764		0.0000	0.000	19.7	0.002	BB	0.008	43.63	0.008
78	7.797		0.0000	0.000	15.2	0.001	BB	0.006	39.63	0.007
79	7.813		0.0000	0.000	34.0	0.003	BB	0.009	61.69	0.011
80	7.848		0.0000	0.000	18.9	0.001	BB	0.007	43.48	0.008
81	7.880		0.0000	0.000	52.2	0.004	BB	0.016	54.68	0.010
82	7.925		0.0000	0.000	2202.3	0.172	BB	0.036	1006.94	0.182
83	8.013		0.0000	0.000	84.4	0.007	BB	0.021	67.57	0.012
84	8.064		0.0000	0.000	42.2	0.003	BB	0.025	28.52	0.005
85	8.080		0.0000	0.000	20.6	0.002	BB	0.007	50.72	0.009
86	8.096		0.0000	0.000	44.6	0.003	BB	0.012	63.15	0.011
87	8.163		0.0000	0.000	88.6	0.007	BB	0.022	65.70	0.012
88	8.250	DCB	23.6986	51.369	314571.6	24.521	BB	0.048	108996.30	19.685
89	8.548		0.0000	0.000	25.9	0.002	BB	0.009	48.57	0.009
90	8.597		0.0000	0.000	72.4	0.006	BB	0.021	57.68	0.010
91	8.646		0.0000	0.000	60.2	0.005	BB	0.022	44.89	0.008
92	8.680		0.0000	0.000	34.7	0.003	BB	0.017	34.03	0.006
93	8.714		0.0000	0.000	23.9	0.002	BB	0.007	53.56	0.010
94	8.747		0.0000	0.000	60.7	0.005	BB	0.016	63.60	0.011
95	8.796		0.0000	0.000	43.7	0.003	BB	0.013	55.98	0.010
96	8.847		0.0000	0.000	815.5	0.064	BB	0.062	219.56	0.040
97	8.947		0.0000	0.000	88.9	0.007	BB	0.021	71.65	0.013
98	8.980		0.0000	0.000	65.5	0.005	BB	0.016	68.22	0.012
99	9.013		0.0000	0.000	53.9	0.004	BB	0.014	62.06	0.011
100	9.063		0.0000	0.000	93.5	0.007	BB	0.026	58.87	0.011
101	9.097		0.0000	0.000	16.1	0.001	BB	0.004	63.83	0.012
102	9.114		0.0000	0.000	26.2	0.002	BB	0.008	57.06	0.010
103	9.147		0.0000	0.000	63.4	0.005	BB	0.018	57.50	0.010
104	9.197		0.0000	0.000	54.2	0.004	BB	0.017	53.86	0.010
105	9.230		0.0000	0.000	19.5	0.002	BB	0.006	54.35	0.010
106	9.263		0.0000	0.000	69.0	0.005	BB	0.016	70.35	0.013
107	9.297		0.0000	0.000	14.9	0.001	BB	0.005	52.93	0.010
108	9.330		0.0000	0.000	20.8	0.002	BB	0.006	62.96	0.011
109	9.396		0.0000	0.000	69.3	0.005	BB	0.018	62.68	0.011
110	9.430		0.0000	0.000	18.5	0.001	BB	0.007	41.34	0.007
111	9.513		0.0000	0.000	238.4	0.019	BB	0.066	60.24	0.011
112	9.547		0.0000	0.000	186.7	0.015	BB	0.027	116.28	0.021
113	9.631		0.0000	0.000	76.2	0.006	BB	0.020	63.95	0.012
114	9.647		0.0000	0.000	30.5	0.002	BB	0.009	56.84	0.010
115	9.663		0.0000	0.000	26.0	0.002	BB	0.008	55.36	0.010
116	9.696		0.0000	0.000	53.1	0.004	BB	0.011	77.44	0.014
117	9.713		0.0000	0.000	4728.1	0.369	BB	0.351	224.77	0.041
118	9.930		0.0000	0.000	16924.7	1.319	BB	0.049	5777.51	1.043

Total Area = 1282885.0, Total Amount = 46.134, Total Height = 553700.7, Sample Units = ug/l

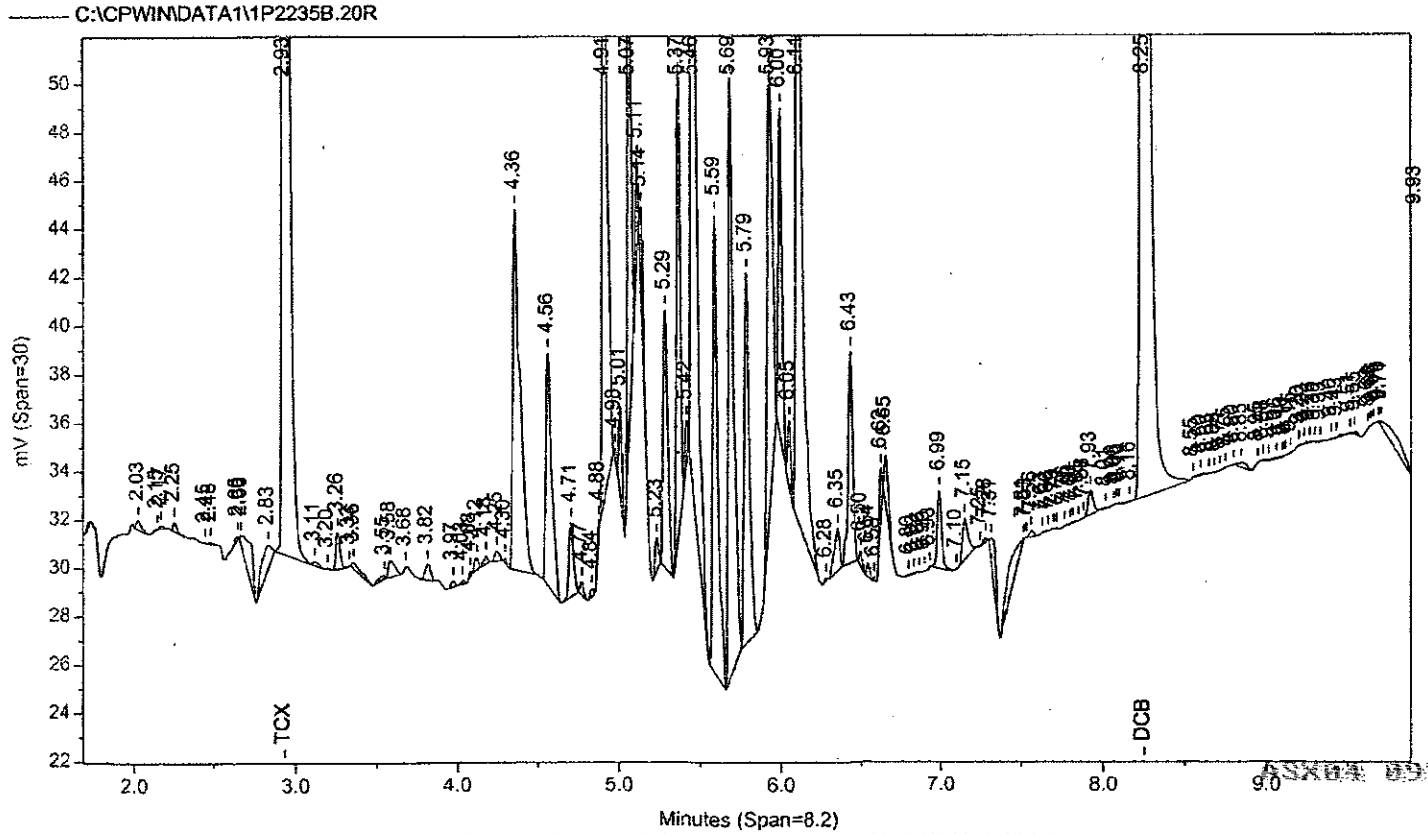
ASX04: B978:

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.20R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 4:41:55 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.20R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 4:41:55 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

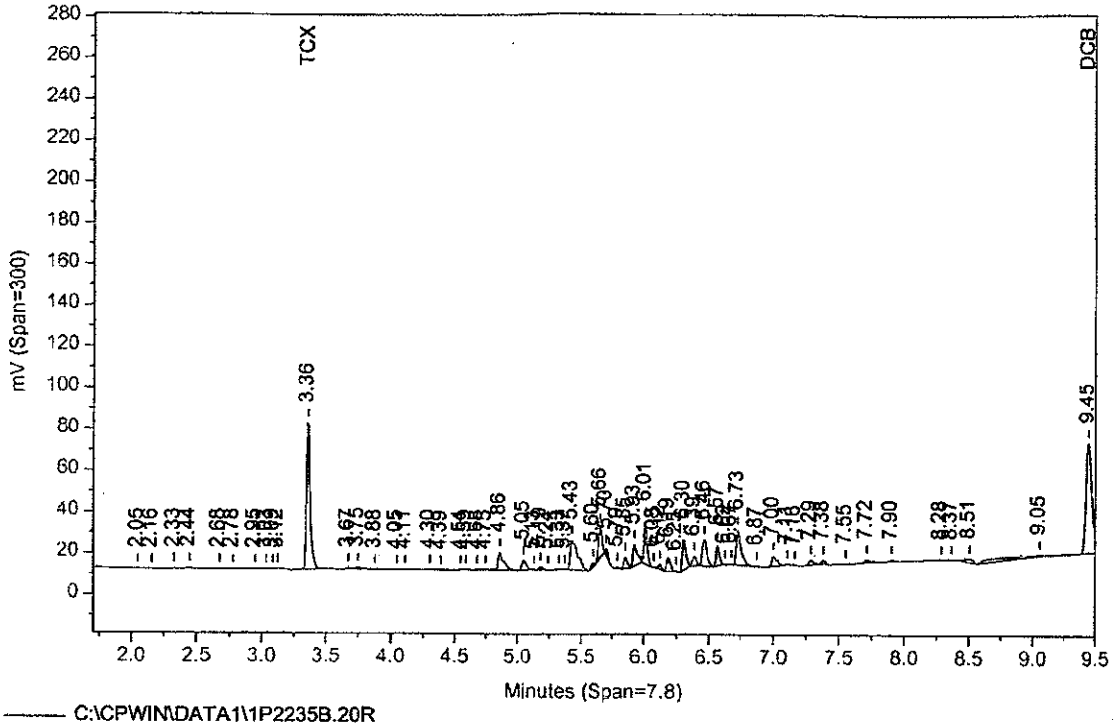
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	71476	22.41511	TCX	2.931	119520	22.43534	TCX
9.446	53235	23.28434	DCB	8.25	108996	23.69856	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.20A
Area File: C:\CPWIN\DATA1\1P2235B.20A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:35:28 AM
File Reported On: 8/25/2008 at 11:35:34 AM

10X REPLOTS

ASX04 0988

C:\CPWIN\DATA1\1P2235.20R



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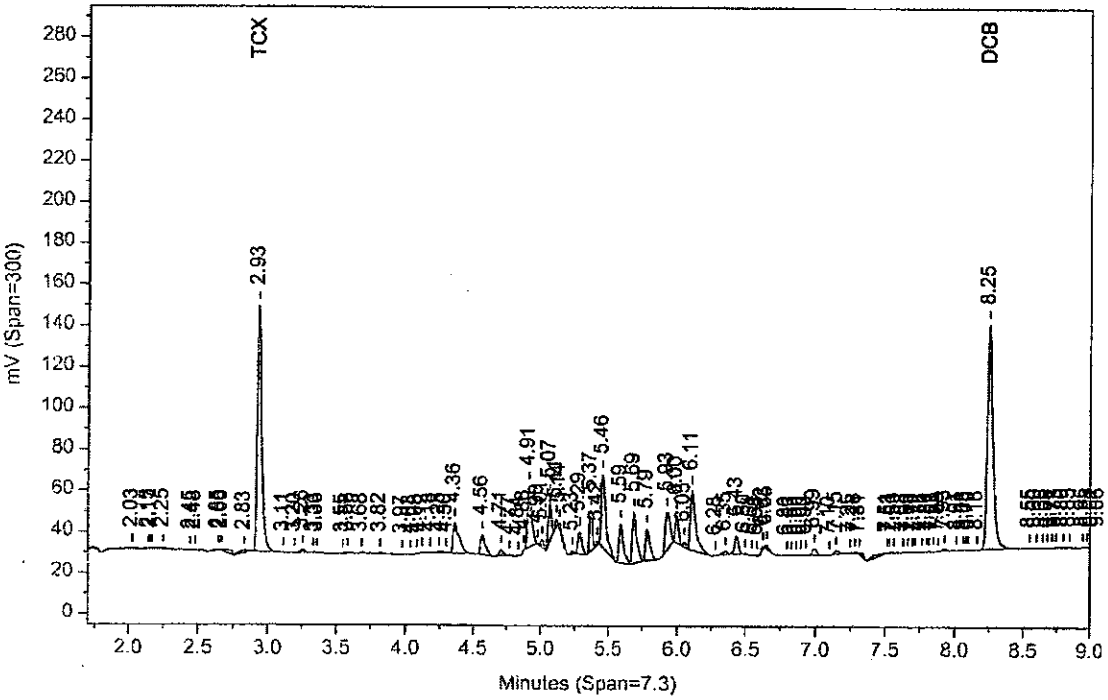

Sample Name: **AR5430824B AAAR543AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 05:06:24pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.21R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.093		0.0000	0.000	29.9	0.002	BB	0.027	18.22	0.003
2	2.250		0.0000	0.000	207.4	0.015	BB	0.056	61.58	0.011
3	2.334		0.0000	0.000	874.0	0.064	BB	0.035	413.47	0.071
4	2.444		0.0000	0.000	265.6	0.019	BB	0.024	182.69	0.031
5	2.601		0.0000	0.000	98.8	0.007	BB	0.046	35.53	0.006
6	2.720		0.0000	0.000	161.6	0.012	BB	0.054	49.66	0.009
7	2.822		0.0000	0.000	339.2	0.025	BB	0.052	107.78	0.019
8	2.960		0.0000	0.000	50.6	0.004	BB	0.045	18.57	0.003
9	3.030		0.0000	0.000	107.4	0.008	BB	0.029	61.50	0.011
10	3.086		0.0000	0.000	14.4	0.001	BB	0.020	12.13	0.002
11	3.218		0.0000	0.000	164.4	0.012	BB	0.038	72.48	0.012
12	3.359	TCX	40.4627	49.317	260449.0	19.077	BB	0.034	129024.40	22.204
13	3.674		0.0000	0.000	2846.4	0.208	BB	0.032	1481.93	0.255
14	3.767		0.0000	0.000	484.6	0.035	BB	0.035	228.20	0.039
15	3.882		0.0000	0.000	540.5	0.040	BB	0.043	209.57	0.036
16	4.034		0.0000	0.000	57.7	0.004	BB	0.037	26.10	0.004
17	4.120		0.0000	0.000	1682.4	0.123	BB	0.065	429.59	0.074
18	4.255		0.0000	0.000	44.7	0.003	BB	0.023	32.89	0.006
19	4.302		0.0000	0.000	837.3	0.061	BB	0.036	389.46	0.067
20	4.390		0.0000	0.000	421.1	0.031	BB	0.031	224.29	0.039
21	4.481		0.0000	0.000	80.7	0.006	BB	0.039	34.44	0.006
22	4.594		0.0000	0.000	2300.5	0.169	BB	0.048	802.97	0.138
23	4.654		0.0000	0.000	233.2	0.017	BB	0.024	158.66	0.027
24	4.745		0.0000	0.000	891.2	0.065	BB	0.033	455.14	0.078
25	4.858		0.0000	0.000	58160.5	4.260	BB	0.053	18343.38	3.157
26	5.049		0.0000	0.000	23314.3	1.708	BB	0.037	10432.19	1.795
27	5.130		0.0000	0.000	389.0	0.028	BB	0.019	337.10	0.058
28	5.185		0.0000	0.000	6407.3	0.469	BB	0.030	3553.13	0.611
29	5.241		0.0000	0.000	477.3	0.035	BB	0.023	339.52	0.058
30	5.373		0.0000	0.000	806.1	0.059	BB	0.026	523.66	0.090
31	5.424		0.0000	0.000	17051.5	1.249	BB	0.022	13189.33	2.270
32	5.446		0.0000	0.000	3589.1	0.263	BB	0.014	4164.82	0.717
33	5.593		0.0000	0.000	6267.2	0.459	BB	0.024	4379.32	0.754
34	5.652		0.0000	0.000	58425.7	4.280	BB	0.032	30223.93	5.201
35	5.698		0.0000	0.000	9545.9	0.699	BB	0.024	6614.02	1.138
36	5.790		0.0000	0.000	2464.1	0.180	BB	0.025	1667.15	0.287
37	5.851		0.0000	0.000	23469.7	1.719	BB	0.032	12273.82	2.112
38	5.923		0.0000	0.000	54335.8	3.980	BB	0.040	22778.65	3.920
39	6.006		0.0000	0.000	82069.7	6.011	BB	0.031	43574.73	7.499
40	6.071		0.0000	0.000	493.8	0.036	BB	0.022	368.62	0.063
41	6.121		0.0000	0.000	6982.7	0.511	BB	0.025	4736.42	0.815
42	6.183		0.0000	0.000	30799.9	2.256	BB	0.035	14733.65	2.536
43	6.243		0.0000	0.000	1265.1	0.093	BB	0.017	1210.43	0.208
44	6.302		0.0000	0.000	67009.8	4.908	BB	0.034	32526.53	5.598
45	6.382		0.0000	0.000	11570.8	0.848	BB	0.032	6067.35	1.044
46	6.461		0.0000	0.000	72066.1	5.279	BB	0.045	26747.97	4.603
47	6.564		0.0000	0.000	41388.5	3.032	BB	0.031	22058.47	3.796
48	6.622		0.0000	0.000	721.0	0.053	BB	0.014	861.40	0.148
49	6.669		0.0000	0.000	3327.5	0.244	BB	0.028	1966.53	0.338
50	6.722		0.0000	0.000	99605.4	7.296	BB	0.045	37094.02	6.384
51	6.868		0.0000	0.000	1967.5	0.144	BB	0.035	936.16	0.161
52	6.997		0.0000	0.000	31576.7	2.313	BB	0.046	11446.89	1.970
53	7.108		0.0000	0.000	1815.4	0.133	BB	0.029	1043.76	0.180
54	7.162		0.0000	0.000	1138.7	0.083	BB	0.027	709.06	0.122
55	7.220		0.0000	0.000	41.4	0.003	BB	0.017	41.62	0.007
56	7.283		0.0000	0.000	13750.0	1.007	BB	0.039	5870.01	1.010
57	7.376		0.0000	0.000	9041.2	0.662	BB	0.035	4313.58	0.742
58	7.661		0.0000	0.000	409.1	0.030	BB	0.027	254.53	0.044
59	7.712		0.0000	0.000	6202.0	0.454	BB	0.032	3226.89	0.555
60	8.179		0.0000	0.000	267.3	0.020	BB	0.041	108.00	0.019
61	8.225		0.0000	0.000	65.1	0.005	BB	0.027	40.00	0.007
62	8.565		0.0000	0.000	604.2	0.044	BB	0.053	190.73	0.033

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.050		0.0000	0.000	2175.5	0.159	BB	0.043	839.04	0.144
64	9.442	DCB	41.5841	50.683	319744.9	23.421	BB	0.056	95073.09	16.361
65	9.774		0.0000	0.000	56.1	0.004	BB	0.032	29.66	0.005
66	9.977		0.0000	0.000	21184.6	1.552	BB	0.212	1664.59	0.286

Total Area = 1365226.0, Total Amount = 82.047, Total Height = 581084.9, Sample Units = ug/l

6SX84 8983

Sample Name: **AR5430824B AAAR543AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 05:06:24pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.21R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	1234.1	0.051	BB	0.032	633.18	0.061
2	2.120		0.0000	0.000	19.0	0.001	BB	0.009	36.53	0.004
3	2.137		0.0000	0.000	31.8	0.001	BB	0.010	52.50	0.005
4	2.171		0.0000	0.000	750.3	0.031	BB	0.039	318.73	0.031
5	2.285		0.0000	0.000	383.2	0.016	BB	0.034	185.42	0.018
6	2.353		0.0000	0.000	59.9	0.002	BB	0.016	61.83	0.006
7	2.486		0.0000	0.000	104.2	0.004	BB	0.021	81.87	0.008
8	2.553		0.0000	0.000	11.0	0.000	BB	0.005	37.47	0.004
9	2.570		0.0000	0.000	97.3	0.004	BB	0.024	68.46	0.007
10	2.637		0.0000	0.000	297.4	0.012	BB	0.040	124.51	0.012
11	2.720		0.0000	0.000	106.0	0.004	BB	0.023	75.43	0.007
12	2.836		0.0000	0.000	60.3	0.003	BB	0.013	79.44	0.008
13	2.887		0.0000	0.000	22.3	0.001	BB	0.008	48.82	0.005
14	2.933	TCX	39.6145	50.594	467765.1	19.467	BB	0.037	211039.50	20.428
15	3.119		0.0000	0.000	235.4	0.010	BB	0.030	128.91	0.012
16	3.257		0.0000	0.000	5502.5	0.229	BB	0.030	3069.57	0.297
17	3.360		0.0000	0.000	954.0	0.040	BB	0.032	489.85	0.047
18	3.434		0.0000	0.000	685.3	0.029	BB	0.026	442.74	0.043
19	3.520		0.0000	0.000	239.1	0.010	BB	0.038	105.31	0.010
20	3.604		0.0000	0.000	21.2	0.001	BB	0.007	47.86	0.005
21	3.653		0.0000	0.000	16.8	0.001	BB	0.009	32.95	0.003
22	3.688		0.0000	0.000	2777.2	0.116	BB	0.049	938.32	0.091
23	3.832		0.0000	0.000	607.7	0.025	BB	0.034	300.86	0.029
24	3.876		0.0000	0.000	975.1	0.041	BB	0.035	463.12	0.045
25	3.971		0.0000	0.000	603.9	0.025	BB	0.023	440.90	0.043
26	4.035		0.0000	0.000	104.7	0.004	BB	0.018	94.66	0.009
27	4.121		0.0000	0.000	2968.1	0.124	BB	0.031	1618.01	0.157
28	4.181		0.0000	0.000	1330.6	0.055	BB	0.036	608.15	0.059
29	4.237		0.0000	0.000	211.1	0.009	BB	0.032	109.25	0.011
30	4.301		0.0000	0.000	920.1	0.038	BB	0.024	626.95	0.061
31	4.359		0.0000	0.000	99832.1	4.155	BB	0.054	31063.52	3.007
32	4.561		0.0000	0.000	46628.8	1.941	BB	0.041	19153.57	1.854
33	4.704		0.0000	0.000	12234.4	0.509	BB	0.030	6715.32	0.650
34	4.768		0.0000	0.000	1509.7	0.063	BB	0.023	1102.02	0.107
35	4.835		0.0000	0.000	1152.8	0.048	BB	0.026	752.38	0.073
36	4.875		0.0000	0.000	2911.9	0.121	BB	0.023	2111.63	0.204
37	4.911		0.0000	0.000	134129.8	5.582	BB	0.037	60439.92	5.850
38	5.007		0.0000	0.000	9955.2	0.414	BB	0.022	7400.61	0.716
39	5.064		0.0000	0.000	66766.2	2.779	BB	0.026	42586.85	4.122
40	5.109		0.0000	0.000	7998.6	0.333	BB	0.017	7639.09	0.739
41	5.132		0.0000	0.000	6895.6	0.287	BB	0.020	5849.58	0.566
42	5.232		0.0000	0.000	4519.6	0.188	BB	0.024	3083.61	0.298
43	5.282		0.0000	0.000	45563.2	1.896	BB	0.034	22358.58	2.164
44	5.367		0.0000	0.000	63467.3	2.641	BB	0.027	39776.51	3.850
45	5.414		0.0000	0.000	3837.8	0.160	BB	0.017	3657.71	0.354
46	5.454		0.0000	0.000	168679.9	7.020	BB	0.039	71870.30	6.957
47	5.590		0.0000	0.000	87868.0	3.657	BB	0.038	38778.98	3.754
48	5.684		0.0000	0.000	119861.0	4.988	BB	0.039	51454.80	4.981
49	5.782		0.0000	0.000	72616.0	3.022	BB	0.038	31833.49	3.081
50	5.925		0.0000	0.000	75534.3	3.144	BB	0.037	34356.13	3.326
51	5.991		0.0000	0.000	49256.3	2.050	BB	0.027	30483.46	2.951
52	6.046		0.0000	0.000	6814.2	0.284	BB	0.020	5652.52	0.547
53	6.101		0.0000	0.000	170297.0	7.087	BB	0.047	60806.21	5.886
54	6.279		0.0000	0.000	698.3	0.029	BB	0.026	444.72	0.043
55	6.349		0.0000	0.000	4895.3	0.204	BB	0.027	3018.57	0.292
56	6.428		0.0000	0.000	39931.5	1.662	BB	0.035	19171.93	1.856
57	6.493		0.0000	0.000	1610.5	0.067	BB	0.021	1304.98	0.126
58	6.536		0.0000	0.000	1246.9	0.052	BB	0.019	1096.26	0.106
59	6.575		0.0000	0.000	289.5	0.012	BB	0.016	307.79	0.030
60	6.616		0.0000	0.000	5581.8	0.232	BB	0.023	4087.10	0.396
61	6.644		0.0000	0.000	7894.9	0.329	BB	0.030	4387.81	0.425
62	6.718		0.0000	0.000	231.9	0.010	BB	0.014	268.68	0.026

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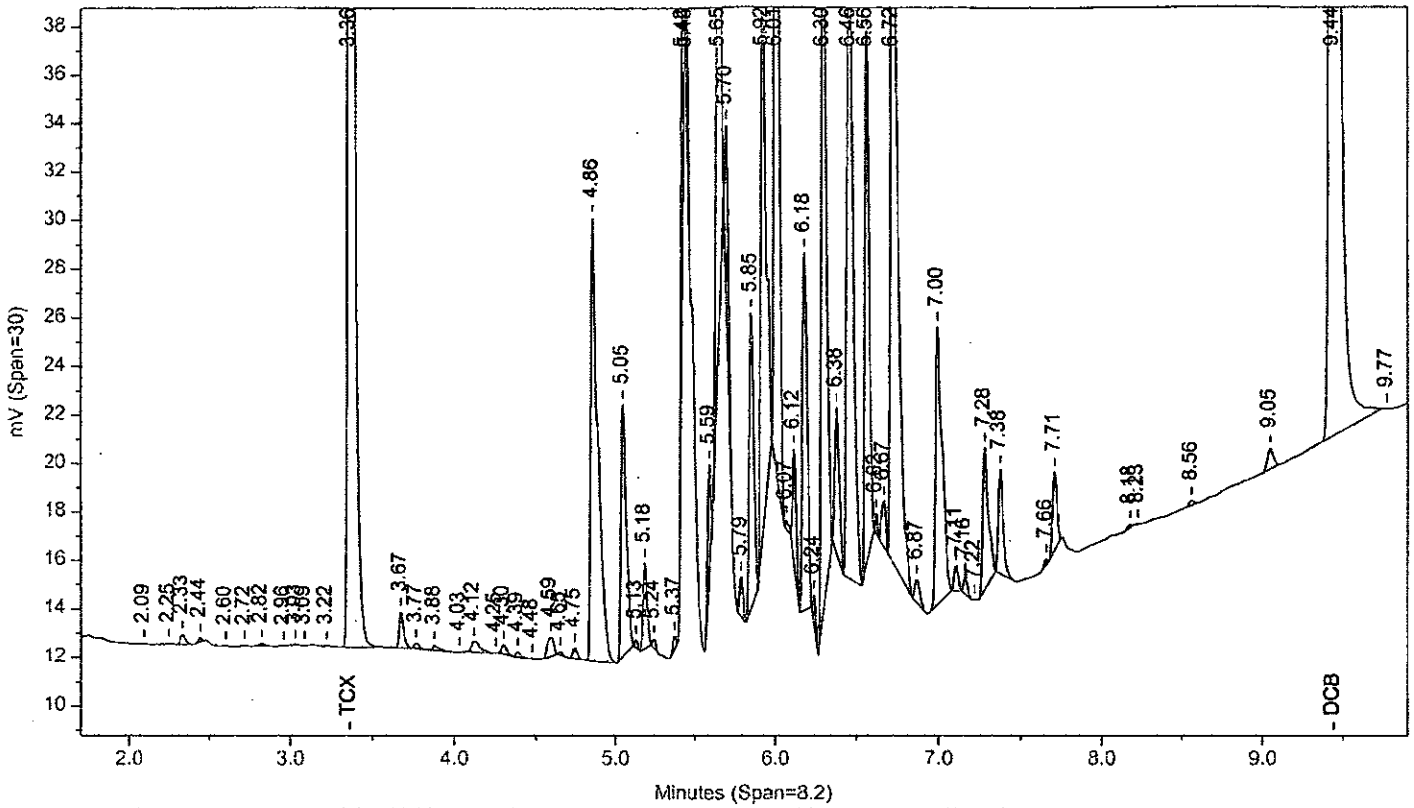
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.853		0.0000	0.000	130.7	0.005	BB	0.042	52.23	0.005
64	6.886		0.0000	0.000	12.7	0.001	BB	0.007	29.24	0.003
65	6.930		0.0000	0.000	428.2	0.018	BB	0.027	263.55	0.026
66	6.988		0.0000	0.000	18419.8	0.767	BB	0.036	8501.27	0.823
67	7.103		0.0000	0.000	38.5	0.002	BB	0.012	51.65	0.005
68	7.136		0.0000	0.000	80.8	0.003	BB	0.020	66.29	0.006
69	7.170		0.0000	0.000	52.4	0.002	BB	0.024	36.49	0.004
70	7.188		0.0000	0.000	19.9	0.001	BB	0.007	46.74	0.005
71	7.220		0.0000	0.000	110.5	0.005	BB	0.027	68.46	0.007
72	7.270		0.0000	0.000	1366.6	0.057	BB	0.041	558.49	0.054
73	7.387		0.0000	0.000	519.7	0.022	BB	0.035	248.00	0.024
74	7.454		0.0000	0.000	17.1	0.001	BB	0.009	30.22	0.003
75	7.470		0.0000	0.000	20.8	0.001	BB	0.008	43.37	0.004
76	7.503		0.0000	0.000	73.3	0.003	BB	0.028	43.67	0.004
77	7.560		0.0000	0.000	932.7	0.039	BB	0.035	446.04	0.043
78	7.620		0.0000	0.000	41.4	0.002	BB	0.018	39.40	0.004
79	7.636		0.0000	0.000	23.1	0.001	BB	0.010	37.58	0.004
80	7.670		0.0000	0.000	68.7	0.003	BB	0.022	52.31	0.005
81	7.703		0.0000	0.000	15.9	0.001	BB	0.007	36.93	0.004
82	7.720		0.0000	0.000	53.1	0.002	BB	0.015	60.84	0.006
83	7.753		0.0000	0.000	26.7	0.001	BB	0.009	50.59	0.005
84	7.786		0.0000	0.000	23.9	0.001	BB	0.009	42.40	0.004
85	7.820		0.0000	0.000	42.1	0.002	BB	0.017	40.47	0.004
86	7.869		0.0000	0.000	97.1	0.004	BB	0.034	47.58	0.005
87	7.917		0.0000	0.000	4519.5	0.188	BB	0.036	2083.66	0.202
88	8.021		0.0000	0.000	18.3	0.001	BB	0.009	33.80	0.003
89	8.053		0.0000	0.000	122.0	0.005	BB	0.024	84.96	0.008
90	8.154		0.0000	0.000	79.5	0.003	BB	0.048	27.51	0.003
91	8.243	DCB	38.6844	49.406	539909.2	22.469	BB	0.051	177920.60	17.222
92	8.603		0.0000	0.000	15.2	0.001	BB	0.006	41.45	0.004
93	8.637		0.0000	0.000	21.2	0.001	BB	0.008	46.25	0.004
94	8.654		0.0000	0.000	16.5	0.001	BB	0.008	36.22	0.004
95	8.670		0.0000	0.000	20.7	0.001	BB	0.007	47.52	0.005
96	8.686		0.0000	0.000	76.9	0.003	BB	0.019	66.91	0.006
97	8.736		0.0000	0.000	51.6	0.002	BB	0.016	53.68	0.005
98	8.770		0.0000	0.000	20.6	0.001	BB	0.009	36.46	0.004
99	8.803		0.0000	0.000	80.6	0.003	BB	0.026	51.42	0.005
100	8.820		0.0000	0.000	63.8	0.003	BB	0.019	56.31	0.005
101	8.937		0.0000	0.000	208.8	0.009	BB	0.073	47.38	0.005
102	8.970		0.0000	0.000	23.7	0.001	BB	0.012	32.74	0.003
103	9.003		0.0000	0.000	48.0	0.002	BB	0.017	48.46	0.005
104	9.052		0.0000	0.000	379.4	0.016	BB	0.053	118.58	0.011
105	9.130		0.0000	0.000	57.9	0.002	BB	0.019	51.25	0.005
106	9.187		0.0000	0.000	65.8	0.003	BB	0.030	36.49	0.004
107	9.236		0.0000	0.000	45.1	0.002	BB	0.015	50.88	0.005
108	9.298		0.0000	0.000	60.1	0.003	BB	0.088	11.44	0.001
109	9.387		0.0000	0.000	94.0	0.004	BB	0.055	28.54	0.003
110	9.437		0.0000	0.000	47.8	0.002	BB	0.018	44.30	0.004
111	9.503		0.0000	0.000	104.2	0.004	BB	0.042	41.52	0.004
112	9.520		0.0000	0.000	24.0	0.001	BB	0.010	40.73	0.004
113	9.553		0.0000	0.000	146.5	0.006	BB	0.027	91.63	0.009
114	9.604		0.0000	0.000	24.6	0.001	BB	0.009	46.84	0.005
115	9.620		0.0000	0.000	30.0	0.001	BB	0.011	45.25	0.004
116	9.637		0.0000	0.000	35.9	0.001	BB	0.009	65.64	0.006
117	9.687		0.0000	0.000	112.3	0.005	BB	0.040	46.33	0.004
118	9.703		0.0000	0.000	4963.0	0.207	BB	0.550	150.28	0.015
119	9.936		0.0000	0.000	18954.4	0.789	BB	0.060	5255.11	0.509

Total Area = 2402861.0, Total Amount = 78.299, Total Height = 1033110.0, Sample Units = ug/l

8SX84 8985

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.21R

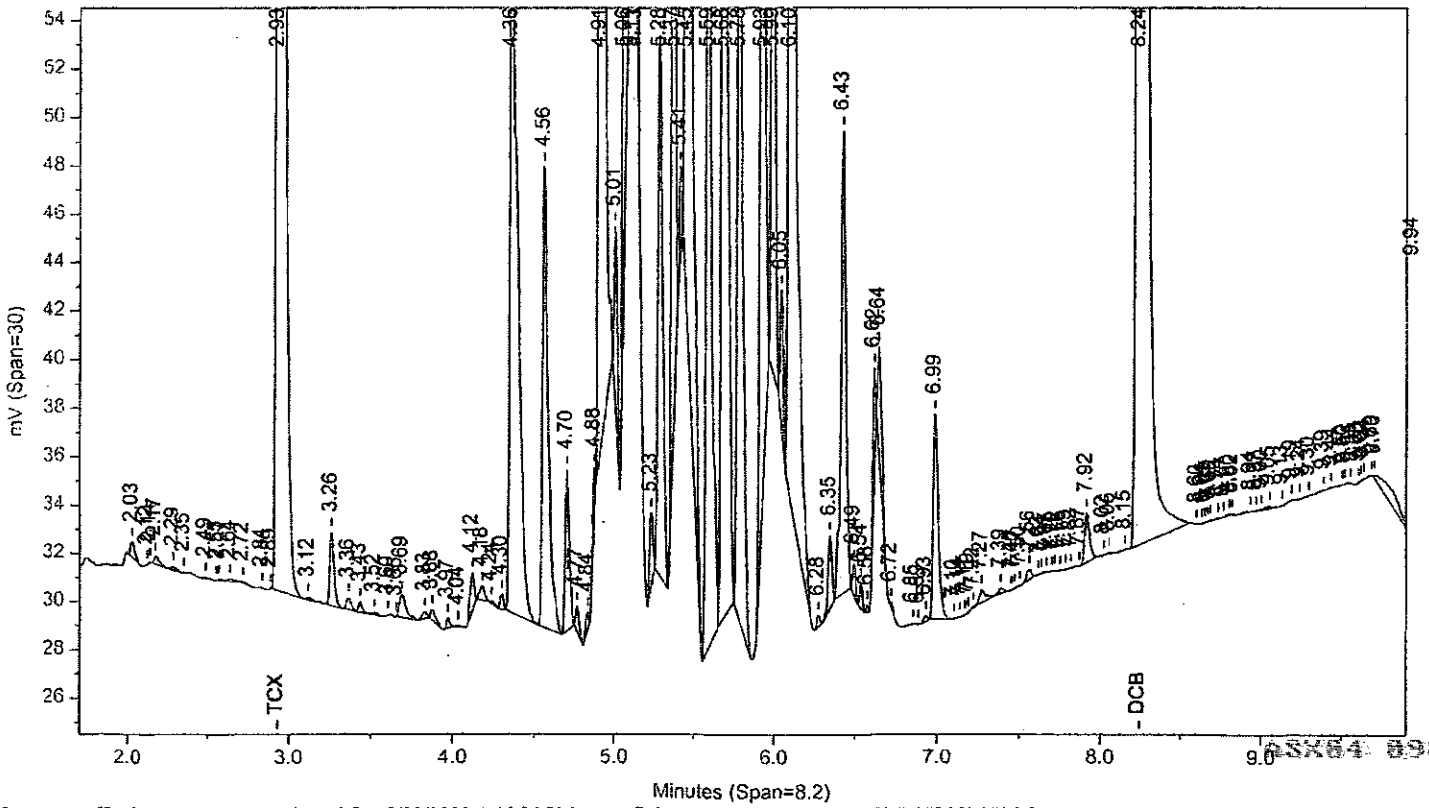
C:\CPWIN\DATA1\1P2235.21R



Instrument ID: CP02–H2601A Injected On: 8/23/2008 4:56:24 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.21R

C:\CPWIN\DATA1\1P2235B.21R



Instrument ID: CP02–H2601B Injected On: 8/23/2008 4:56:24 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

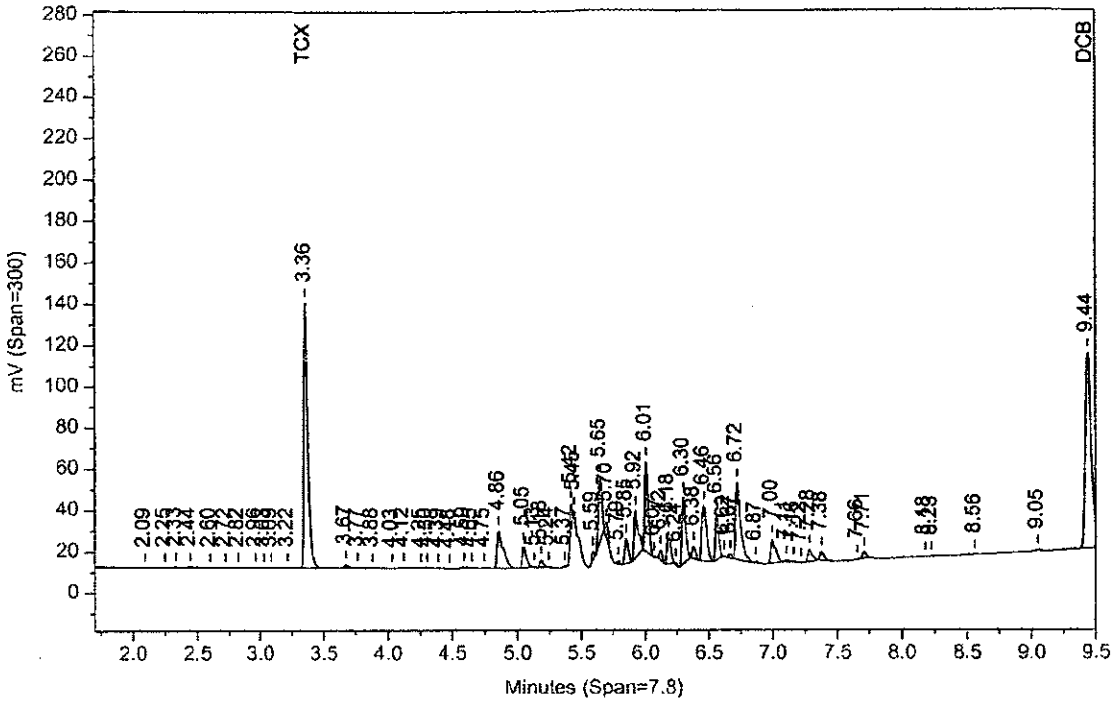
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	129024	40.46273	TCX	2.933	211040	39.61453	TCX
9.442	95073	41.58408	DCB	8.243	177921	38.68443	DCB

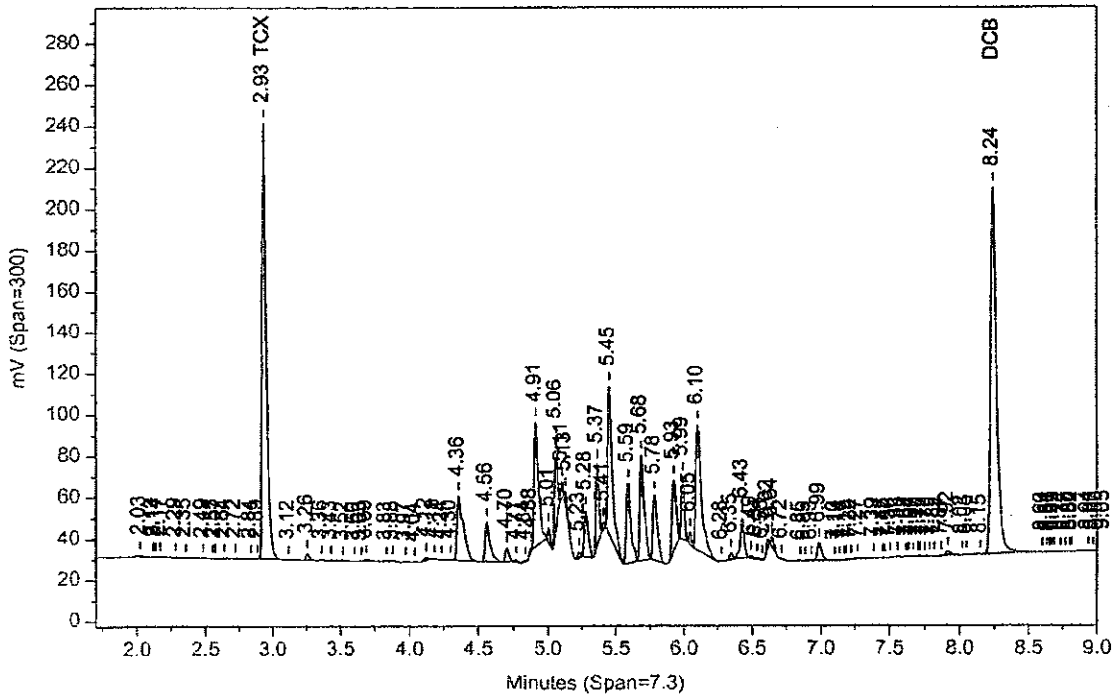
Files:
Area File: C:\CPWIN\DATA1\1P2235.21A
Area File: C:\CPWIN\DATA1\1P2235B.21A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:35:44 AM
File Reported On: 8/25/2008 at 11:35:52 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.21R



C:\CPWIN\DATA1\1P2235B.21R



Sample Name: **AR5440824B AAAR544AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 05:20:54pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.22R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.055		0.0000	0.000	66.8	0.002	BB	0.038	29.16	0.003
2	2.161		0.0000	0.000	945.6	0.033	BB	0.043	365.62	0.032
3	2.334		0.0000	0.000	4141.6	0.146	BB	0.075	925.97	0.081
4	2.446		0.0000	0.000	3045.1	0.108	BB	0.047	1088.54	0.096
5	2.702		0.0000	0.000	60.8	0.002	BB	0.052	19.45	0.002
6	2.775		0.0000	0.000	67.7	0.002	BB	0.028	40.09	0.004
7	2.949		0.0000	0.000	201.6	0.007	BB	0.040	84.26	0.007
8	3.031		0.0000	0.000	110.9	0.004	BB	0.029	63.59	0.006
9	3.083		0.0000	0.000	41.3	0.001	BB	0.026	26.50	0.002
10	3.130		0.0000	0.000	2393.3	0.085	BB	0.051	789.39	0.069
11	3.263		0.0000	0.000	547.3	0.019	BB	0.044	208.85	0.018
12	3.358	TCX	65.8274	51.331	429760.2	15.196	BB	0.034	209905.30	18.448
13	3.537		0.0000	0.000	75.5	0.003	BB	0.027	46.77	0.004
14	3.599		0.0000	0.000	85.3	0.003	BB	0.030	47.72	0.004
15	3.676		0.0000	0.000	4678.1	0.165	BB	0.033	2387.30	0.210
16	3.771		0.0000	0.000	1402.2	0.050	BB	0.044	528.48	0.046
17	3.883		0.0000	0.000	705.0	0.025	BB	0.037	320.92	0.028
18	4.043		0.0000	0.000	91.4	0.003	BB	0.040	37.63	0.003
19	4.120		0.0000	0.000	3402.6	0.120	BB	0.062	915.96	0.080
20	4.252		0.0000	0.000	62.2	0.002	BB	0.023	44.95	0.004
21	4.305		0.0000	0.000	2364.9	0.084	BB	0.039	1017.33	0.089
22	4.392		0.0000	0.000	668.6	0.024	BB	0.030	369.71	0.032
23	4.486		0.0000	0.000	251.3	0.009	BB	0.035	118.70	0.010
24	4.545		0.0000	0.000	195.6	0.007	BB	0.018	178.69	0.016
25	4.594		0.0000	0.000	4959.0	0.175	BB	0.046	1792.79	0.158
26	4.654		0.0000	0.000	718.5	0.025	BB	0.026	459.64	0.040
27	4.747		0.0000	0.000	2068.2	0.073	BB	0.034	1019.38	0.090
28	4.859		0.0000	0.000	122479.5	4.331	BB	0.054	37832.80	3.325
29	5.049		0.0000	0.000	50215.0	1.776	BB	0.038	22271.38	1.957
30	5.131		0.0000	0.000	821.3	0.029	BB	0.019	718.28	0.063
31	5.185		0.0000	0.000	13906.8	0.492	BB	0.030	7681.63	0.675
32	5.241		0.0000	0.000	1092.9	0.039	BB	0.024	764.30	0.067
33	5.324		0.0000	0.000	137.7	0.005	BB	0.020	112.12	0.010
34	5.374		0.0000	0.000	1586.2	0.056	BB	0.024	1116.94	0.098
35	5.424		0.0000	0.000	261865.7	9.259	BB	0.069	63334.44	5.566
36	5.593		0.0000	0.000	14508.7	0.513	BB	0.024	9893.53	0.869
37	5.652		0.0000	0.000	117917.9	4.169	BB	0.032	62052.48	5.453
38	5.698		0.0000	0.000	20887.6	0.739	BB	0.024	14765.87	1.298
39	5.790		0.0000	0.000	5144.1	0.182	BB	0.025	3486.25	0.306
40	5.851		0.0000	0.000	49594.6	1.754	BB	0.031	26316.77	2.313
41	5.922		0.0000	0.000	118500.7	4.190	BB	0.039	50058.43	4.399
42	6.006		0.0000	0.000	172398.9	6.096	BB	0.032	90602.65	7.963
43	6.070		0.0000	0.000	738.4	0.026	BB	0.017	712.82	0.063
44	6.120		0.0000	0.000	15340.9	0.542	BB	0.024	10547.74	0.927
45	6.181		0.0000	0.000	63826.7	2.257	BB	0.034	30876.84	2.714
46	6.242		0.0000	0.000	2783.2	0.098	BB	0.017	2782.76	0.245
47	6.300		0.0000	0.000	147555.9	5.217	BB	0.035	71062.82	6.245
48	6.382		0.0000	0.000	14424.6	0.510	BB	0.031	7808.34	0.686
49	6.461		0.0000	0.000	152273.9	5.384	BB	0.046	55089.12	4.842
50	6.565		0.0000	0.000	92438.3	3.269	BB	0.031	49885.77	4.384
51	6.622		0.0000	0.000	1619.5	0.057	BB	0.014	1963.05	0.173
52	6.670		0.0000	0.000	6820.2	0.241	BB	0.027	4210.53	0.370
53	6.722		0.0000	0.000	217067.5	7.675	BB	0.047	76302.23	6.706
54	6.870		0.0000	0.000	4532.5	0.160	BB	0.035	2141.68	0.188
55	7.000		0.0000	0.000	70052.1	2.477	BB	0.047	24676.24	2.169
56	7.109		0.0000	0.000	3913.9	0.138	BB	0.028	2327.83	0.205
57	7.163		0.0000	0.000	2810.5	0.099	BB	0.027	1724.69	0.152
58	7.285		0.0000	0.000	30639.4	1.083	BB	0.040	12779.22	1.123
59	7.377		0.0000	0.000	20423.2	0.722	BB	0.035	9676.45	0.850
60	7.544		0.0000	0.000	321.3	0.011	BB	0.045	119.30	0.010
61	7.714		0.0000	0.000	25562.4	0.904	BB	0.047	9027.29	0.793
62	7.902		0.0000	0.000	1921.8	0.068	BB	0.052	613.76	0.054

ASX04 8989

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.178		0.0000	0.000	526.9	0.019	BB	0.034	260.41	0.023
64	8.222		0.0000	0.000	207.3	0.007	BB	0.029	118.55	0.010
65	8.379		0.0000	0.000	540.6	0.019	BB	0.073	123.57	0.011
66	8.561		0.0000	0.000	1976.5	0.070	BB	0.085	389.59	0.034
67	9.051		0.0000	0.000	3780.3	0.134	BB	0.045	1389.28	0.122
68	9.444	DCB	62.4125	48.669	510938.3	18.066	BB	0.060	142692.90	12.541
69	9.940		0.0000	0.000	20932.1	0.740	BB	0.074	4703.73	0.413

Total Area = 2828137.0, Total Amount = 128.24, Total Height = 1137847.0, Sample Units = ug/l

Sample Name: **AR5440824B AAAR544AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 05:20:54pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.22R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.026		0.0000	0.000	975.3	0.022	BB	0.023	709.30	0.037
2	2.150		0.0000	0.000	162.4	0.004	BB	0.111	24.46	0.001
3	2.177		0.0000	0.000	1263.1	0.029	BB	0.039	545.62	0.029
4	2.283		0.0000	0.000	638.1	0.014	BB	0.045	237.59	0.012
5	2.349		0.0000	0.000	433.8	0.010	BB	0.083	86.88	0.005
6	2.481		0.0000	0.000	1864.4	0.042	BB	0.165	188.71	0.010
7	2.643		0.0000	0.000	769.7	0.017	BB	0.054	235.85	0.012
8	2.729		0.0000	0.000	909.5	0.021	BB	0.026	572.71	0.030
9	2.836		0.0000	0.000	8308.3	0.188	BB	0.055	2520.57	0.132
10	2.934	TCX	62.2738	50.931	749522.1	16.939	BB	0.038	331753.10	17.361
11	3.114		0.0000	0.000	239.5	0.005	BB	0.024	164.44	0.009
12	3.196		0.0000	0.000	437.4	0.010	BB	0.040	180.28	0.009
13	3.257		0.0000	0.000	8818.4	0.199	BB	0.030	4880.64	0.255
14	3.358		0.0000	0.000	2392.6	0.054	BB	0.035	1151.27	0.060
15	3.433		0.0000	0.000	1233.5	0.028	BB	0.026	783.39	0.041
16	3.532		0.0000	0.000	1228.3	0.028	BB	0.057	360.20	0.019
17	3.628		0.0000	0.000	98.3	0.002	BB	0.025	65.25	0.003
18	3.649		0.0000	0.000	18.9	0.000	BB	0.009	33.42	0.002
19	3.696		0.0000	0.000	5478.9	0.124	BB	0.045	2035.50	0.107
20	3.827		0.0000	0.000	2103.7	0.048	BB	0.036	983.12	0.051
21	3.877		0.0000	0.000	2150.3	0.049	BB	0.032	1123.68	0.059
22	3.973		0.0000	0.000	1070.7	0.024	BB	0.026	694.69	0.036
23	4.032		0.0000	0.000	186.4	0.004	BB	0.018	170.78	0.009
24	4.082		0.0000	0.000	228.7	0.005	BB	0.026	144.21	0.008
25	4.122		0.0000	0.000	6015.5	0.136	BB	0.031	3193.61	0.167
26	4.179		0.0000	0.000	2437.0	0.055	BB	0.032	1265.72	0.066
27	4.248		0.0000	0.000	567.7	0.013	BB	0.026	361.07	0.019
28	4.300		0.0000	0.000	1786.0	0.040	BB	0.023	1285.44	0.067
29	4.359		0.0000	0.000	203367.0	4.596	BB	0.055	61655.26	3.226
30	4.562		0.0000	0.000	98463.8	2.225	BB	0.042	39307.32	2.057
31	4.705		0.0000	0.000	26368.4	0.596	BB	0.031	14146.16	0.740
32	4.771		0.0000	0.000	3523.9	0.080	BB	0.025	2347.01	0.123
33	4.836		0.0000	0.000	2307.3	0.052	BB	0.024	1590.70	0.083
34	4.877		0.0000	0.000	6558.9	0.148	BB	0.020	5440.98	0.285
35	4.913		0.0000	0.000	269126.8	6.082	BB	0.038	119562.10	6.257
36	5.008		0.0000	0.000	20054.3	0.453	BB	0.023	14757.09	0.772
37	5.065		0.0000	0.000	133338.3	3.013	BB	0.026	84886.70	4.442
38	5.111		0.0000	0.000	16060.5	0.363	BB	0.017	16160.98	0.846
39	5.134		0.0000	0.000	17674.0	0.399	BB	0.024	12169.74	0.637
40	5.232		0.0000	0.000	9569.3	0.216	BB	0.024	6614.99	0.346
41	5.283		0.0000	0.000	92236.6	2.084	BB	0.034	45059.62	2.358
42	5.367		0.0000	0.000	126797.7	2.866	BB	0.026	80100.13	4.192
43	5.414		0.0000	0.000	8109.7	0.183	BB	0.017	7724.58	0.404
44	5.454		0.0000	0.000	347217.9	7.847	BB	0.040	145412.60	7.610
45	5.590		0.0000	0.000	178645.4	4.037	BB	0.038	77622.67	4.062
46	5.685		0.0000	0.000	245788.3	5.555	BB	0.039	104567.50	5.472
47	5.781		0.0000	0.000	145897.5	3.297	BB	0.039	62980.96	3.296
48	5.924		0.0000	0.000	141204.8	3.191	BB	0.034	68395.67	3.579
49	5.991		0.0000	0.000	110980.1	2.508	BB	0.028	66873.65	3.500
50	6.045		0.0000	0.000	13554.2	0.306	BB	0.020	11520.98	0.603
51	6.101		0.0000	0.000	363779.0	8.221	BB	0.049	124626.80	6.522
52	6.279		0.0000	0.000	1565.9	0.035	BB	0.027	970.48	0.051
53	6.350		0.0000	0.000	10735.7	0.243	BB	0.028	6338.55	0.332
54	6.428		0.0000	0.000	86913.5	1.964	BB	0.035	41214.41	2.157
55	6.494		0.0000	0.000	3432.6	0.078	BB	0.020	2847.07	0.149
56	6.541		0.0000	0.000	2500.9	0.057	BB	0.021	2028.58	0.106
57	6.576		0.0000	0.000	677.8	0.015	BB	0.015	774.10	0.041
58	6.618		0.0000	0.000	13360.6	0.302	BB	0.021	10860.44	0.568
59	6.646		0.0000	0.000	17079.9	0.386	BB	0.029	9742.36	0.510
60	6.831		0.0000	0.000	25.1	0.001	BB	0.009	45.76	0.002
61	6.846		0.0000	0.000	41.4	0.001	BB	0.010	70.79	0.004
62	6.897		0.0000	0.000	14.7	0.000	BB	0.007	35.87	0.002

ASX84: 8991

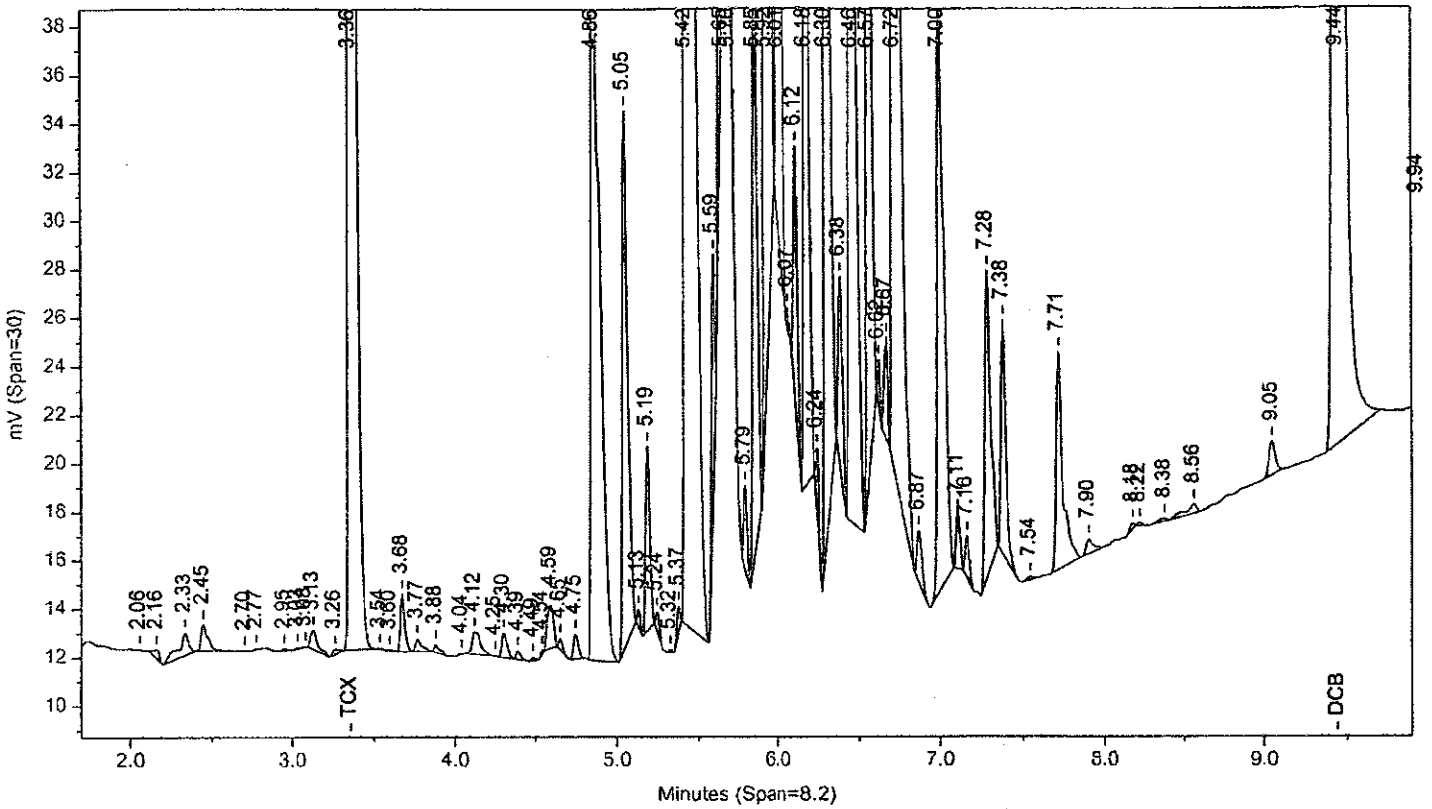
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.933		0.0000	0.000	744.2	0.017	BB	0.025	489.95	0.026
64	6.991		0.0000	0.000	39974.2	0.903	BB	0.037	18078.09	0.946
65	7.147		0.0000	0.000	2211.0	0.050	BB	0.035	1040.75	0.054
66	7.214		0.0000	0.000	35.1	0.001	BB	0.009	68.40	0.004
67	7.274		0.0000	0.000	2379.5	0.054	BB	0.037	1070.68	0.056
68	7.347		0.0000	0.000	40.0	0.001	BB	0.012	57.72	0.003
69	7.397		0.0000	0.000	853.2	0.019	BB	0.039	361.19	0.019
70	7.497		0.0000	0.000	28.2	0.001	BB	0.013	36.97	0.002
71	7.563		0.0000	0.000	1820.2	0.041	BB	0.032	945.41	0.049
72	7.630		0.0000	0.000	88.4	0.002	BB	0.022	66.93	0.004
73	7.680		0.0000	0.000	17.8	0.000	BB	0.005	59.85	0.003
74	7.714		0.0000	0.000	45.9	0.001	BB	0.012	63.97	0.003
75	7.730		0.0000	0.000	21.7	0.000	BB	0.008	46.15	0.002
76	7.746		0.0000	0.000	23.3	0.001	BB	0.007	56.61	0.003
77	7.763		0.0000	0.000	181.5	0.004	BB	0.034	88.74	0.005
78	7.846		0.0000	0.000	33.1	0.001	BB	0.015	36.20	0.002
79	7.922		0.0000	0.000	7900.4	0.179	BB	0.039	3407.49	0.178
80	8.031		0.0000	0.000	30.4	0.001	BB	0.010	49.23	0.003
81	8.097		0.0000	0.000	156.1	0.004	BB	0.036	71.48	0.004
82	8.130		0.0000	0.000	13.6	0.000	BB	0.005	46.35	0.002
83	8.164		0.0000	0.000	15.3	0.000	BB	0.006	42.32	0.002
84	8.245	DCB	59.9971	49.069	831941.9	18.801	BB	0.050	275943.30	14.440
85	8.496		0.0000	0.000	70.5	0.002	BB	0.014	82.23	0.004
86	8.546		0.0000	0.000	68.7	0.002	BB	0.017	68.24	0.004
87	8.597		0.0000	0.000	14.3	0.000	BB	0.006	39.85	0.002
88	8.613		0.0000	0.000	62.9	0.001	BB	0.012	85.84	0.004
89	8.664		0.0000	0.000	55.1	0.001	BB	0.013	72.32	0.004
90	8.713		0.0000	0.000	25.7	0.001	BB	0.007	62.06	0.003
91	8.763		0.0000	0.000	40.1	0.001	BB	0.013	51.43	0.003
92	8.797		0.0000	0.000	14.1	0.000	BB	0.005	51.78	0.003
93	8.813		0.0000	0.000	19.6	0.000	BB	0.006	54.18	0.003
94	8.847		0.0000	0.000	32.6	0.001	BB	0.012	46.57	0.002
95	8.863		0.0000	0.000	125.6	0.003	BB	0.024	85.53	0.004
96	8.930		0.0000	0.000	19.1	0.000	BB	0.007	46.13	0.002
97	8.963		0.0000	0.000	49.9	0.001	BB	0.015	55.36	0.003
98	8.997		0.0000	0.000	54.1	0.001	BB	0.016	55.72	0.003
99	9.031		0.0000	0.000	17.7	0.000	BB	0.008	38.53	0.002
100	9.047		0.0000	0.000	126.6	0.003	BB	0.020	103.12	0.005
101	9.113		0.0000	0.000	17.8	0.000	BB	0.006	51.23	0.003
102	9.147		0.0000	0.000	16.2	0.000	BB	0.007	41.03	0.002
103	9.164		0.0000	0.000	17.9	0.000	BB	0.007	43.21	0.002
104	9.181		0.0000	0.000	20.0	0.000	BB	0.007	45.85	0.002
105	9.197		0.0000	0.000	120.9	0.003	BB	0.027	73.83	0.004
106	9.297		0.0000	0.000	32.8	0.001	BB	0.012	47.43	0.002
107	9.330		0.0000	0.000	59.3	0.001	BB	0.020	48.54	0.003
108	9.364		0.0000	0.000	12.0	0.000	BB	0.005	41.86	0.002
109	9.397		0.0000	0.000	35.0	0.001	BB	0.015	39.86	0.002
110	9.430		0.0000	0.000	16.0	0.000	BB	0.007	40.32	0.002
111	9.463		0.0000	0.000	46.0	0.001	BB	0.013	59.46	0.003
112	9.497		0.0000	0.000	14.5	0.000	BB	0.005	45.54	0.002
113	9.513		0.0000	0.000	22.7	0.001	BB	0.006	68.26	0.004
114	9.547		0.0000	0.000	272.4	0.006	BB	0.029	155.96	0.008
115	9.614		0.0000	0.000	27.1	0.001	BB	0.010	46.77	0.002
116	9.647		0.0000	0.000	14.4	0.000	BB	0.006	43.45	0.002
117	9.697		0.0000	0.000	8527.3	0.193	BB	0.261	544.68	0.029
118	9.930		0.0000	0.000	7912.1	0.179	BB	0.064	2074.41	0.109
119	9.947		0.0000	0.000	71.9	0.002	BB	0.018	66.21	0.003

Total Area = 4424919.0, Total Amount = 122.271, Total Height = 1910909.0, Sample Units = ug/l

ASX84 8992

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.22R

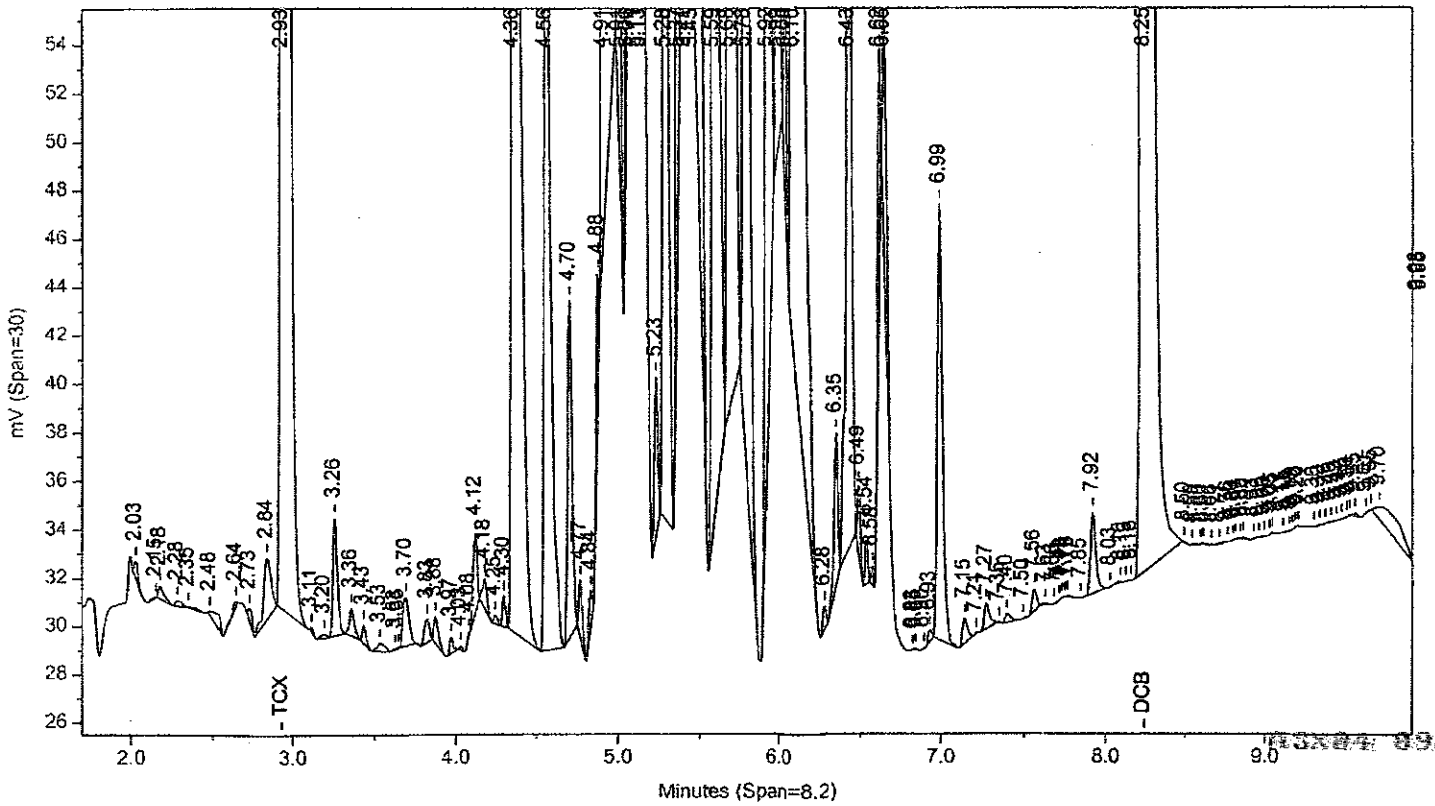
C:\CPWIN\DATA1\1P2235.22R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 5:10:54 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.22R

C:\CPWIN\DATA1\1P2235B.22R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 5:10:54 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	209905	65.8274	TCX	2.934	331753	62.27385	TCX
9.444	142693	62.41254	DCB	8.245	275943	59.99706	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.22A
Area File: C:\CPWIN\DATA1\1P2235B.22A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:36:02 AM
File Reported On: 8/25/2008 at 11:36:09 AM

10X REPLOTS

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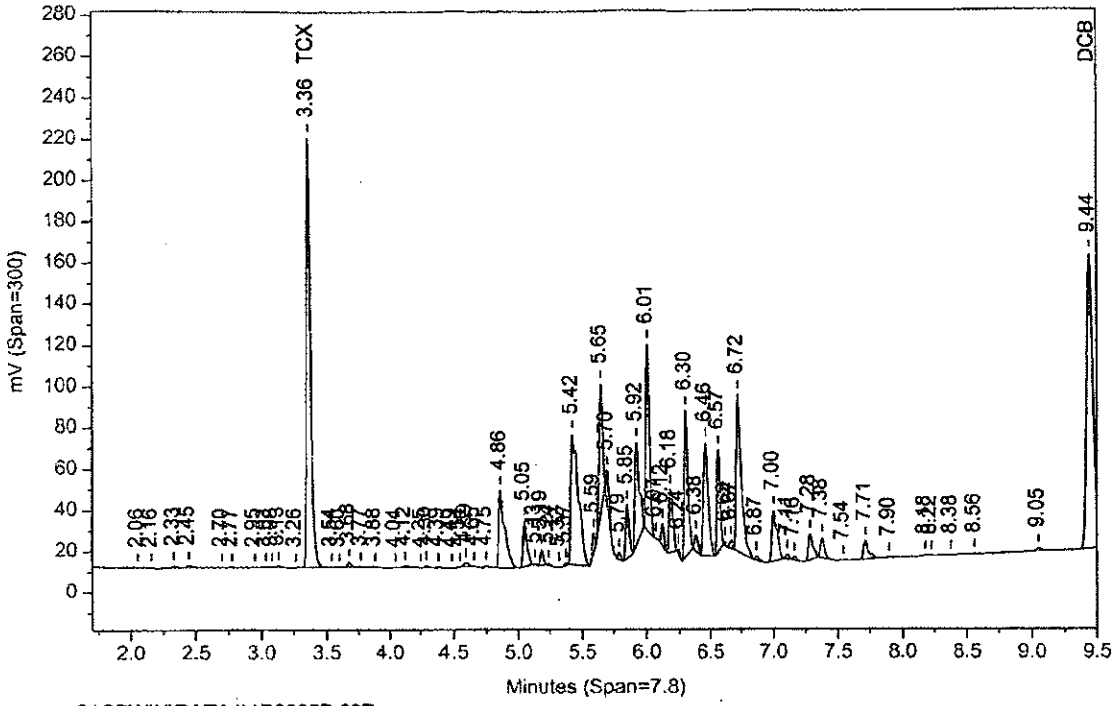
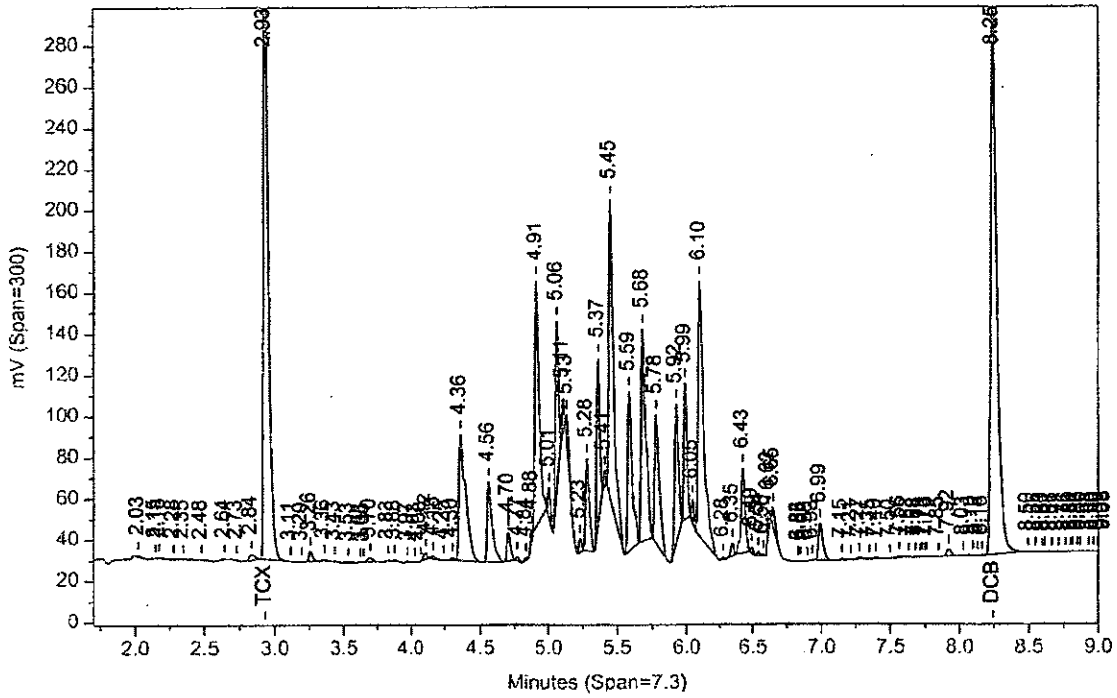
C:\CPWIN\DATA1\1P2235.22R



C:\CPWIN\DATA1\1P2235B.22R



ASX84 8995

Sample Name: **AR5450824B AAAR545AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 05:35:19pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.23R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.058		0.0000	0.000	249.3	0.006	BB	0.049	85.58	0.005
2	2.153		0.0000	0.000	273.8	0.007	BB	0.041	111.66	0.007
3	2.245		0.0000	0.000	231.7	0.006	BB	0.035	109.92	0.006
4	2.329		0.0000	0.000	1935.5	0.049	BB	0.036	891.19	0.052
5	2.440		0.0000	0.000	23474.5	0.592	BB	0.038	10335.79	0.607
6	2.600		0.0000	0.000	116.2	0.003	BB	0.026	74.43	0.004
7	2.650		0.0000	0.000	154.9	0.004	BB	0.034	76.16	0.004
8	2.768		0.0000	0.000	220.2	0.006	BB	0.029	125.22	0.007
9	2.845		0.0000	0.000	597.2	0.015	BB	0.045	221.42	0.013
10	2.944		0.0000	0.000	163.8	0.004	BB	0.033	82.90	0.005
11	3.017		0.0000	0.000	278.9	0.007	BB	0.050	92.09	0.005
12	3.073		0.0000	0.000	47.2	0.001	BB	0.023	33.60	0.002
13	3.119		0.0000	0.000	8129.9	0.205	BB	0.054	2492.66	0.146
14	3.259		0.0000	0.000	312.9	0.008	BB	0.032	165.22	0.010
15	3.299		0.0000	0.000	28.8	0.001	BB	0.024	19.68	0.001
16	3.354	TCX	78.3353	51.189	517656.1	13.054	BB	0.035	249789.40	14.658
17	3.591		0.0000	0.000	89.1	0.002	BB	0.030	48.73	0.003
18	3.668		0.0000	0.000	5697.2	0.144	BB	0.033	2918.62	0.171
19	3.763		0.0000	0.000	2106.0	0.053	BB	0.038	934.50	0.055
20	3.877		0.0000	0.000	938.7	0.024	BB	0.039	396.22	0.023
21	3.984		0.0000	0.000	22.8	0.001	BB	0.025	15.02	0.001
22	4.027		0.0000	0.000	98.2	0.002	BB	0.031	53.45	0.003
23	4.114		0.0000	0.000	5976.7	0.151	BB	0.062	1619.08	0.095
24	4.298		0.0000	0.000	5048.1	0.127	BB	0.040	2098.74	0.123
25	4.384		0.0000	0.000	665.8	0.017	BB	0.027	409.83	0.024
26	4.478		0.0000	0.000	485.9	0.012	BB	0.037	221.76	0.013
27	4.539		0.0000	0.000	378.7	0.010	BB	0.023	268.63	0.016
28	4.586		0.0000	0.000	8461.2	0.213	BB	0.045	3107.16	0.182
29	4.646		0.0000	0.000	1258.8	0.032	BB	0.025	837.01	0.049
30	4.740		0.0000	0.000	3794.0	0.096	BB	0.034	1879.25	0.110
31	4.800		0.0000	0.000	72.5	0.002	BB	0.014	84.68	0.005
32	4.851		0.0000	0.000	206188.8	5.199	BB	0.054	63555.27	3.729
33	5.042		0.0000	0.000	86049.5	2.170	BB	0.038	38024.17	2.231
34	5.123		0.0000	0.000	1347.9	0.034	BB	0.018	1229.62	0.072
35	5.178		0.0000	0.000	24758.5	0.624	BB	0.030	13631.48	0.800
36	5.236		0.0000	0.000	1993.4	0.050	BB	0.023	1466.02	0.086
37	5.316		0.0000	0.000	111.8	0.003	BB	0.019	97.04	0.006
38	5.368		0.0000	0.000	2992.6	0.075	BB	0.024	2039.75	0.120
39	5.418		0.0000	0.000	57170.2	1.442	BB	0.023	40604.49	2.383
40	5.440		0.0000	0.000	14927.2	0.376	BB	0.016	15857.26	0.931
41	5.588		0.0000	0.000	23909.6	0.603	BB	0.023	17231.83	1.011
42	5.646		0.0000	0.000	194892.8	4.915	BB	0.031	103126.40	6.052
43	5.691		0.0000	0.000	35263.4	0.889	BB	0.024	24585.65	1.443
44	5.785		0.0000	0.000	8591.1	0.217	BB	0.025	5836.33	0.342
45	5.845		0.0000	0.000	82937.8	2.091	BB	0.031	44091.22	2.587
46	5.916		0.0000	0.000	199014.2	5.019	BB	0.039	84348.27	4.950
47	6.000		0.0000	0.000	286303.0	7.220	BB	0.032	149467.50	8.771
48	6.114		0.0000	0.000	26411.9	0.666	BB	0.024	18119.13	1.063
49	6.174		0.0000	0.000	105441.7	2.659	BB	0.035	50913.18	2.988
50	6.236		0.0000	0.000	5096.7	0.129	BB	0.017	4884.93	0.287
51	6.295		0.0000	0.000	250978.1	6.329	BB	0.035	119968.70	7.040
52	6.375		0.0000	0.000	21188.2	0.534	BB	0.031	11549.28	0.678
53	6.456		0.0000	0.000	256723.1	6.474	BB	0.046	92388.61	5.421
54	6.559		0.0000	0.000	164720.5	4.154	BB	0.032	86361.60	5.068
55	6.618		0.0000	0.000	2541.6	0.064	BB	0.014	3022.08	0.177
56	6.664		0.0000	0.000	12463.6	0.314	BB	0.029	7228.94	0.424
57	6.717		0.0000	0.000	381187.3	9.612	BB	0.047	134368.90	7.885
58	6.865		0.0000	0.000	7967.1	0.201	BB	0.035	3845.08	0.226
59	6.994		0.0000	0.000	124154.1	3.131	BB	0.047	44398.66	2.605
60	7.104		0.0000	0.000	6536.1	0.165	BB	0.028	3884.09	0.228
61	7.161		0.0000	0.000	5108.5	0.129	BB	0.028	3053.19	0.179
62	7.280		0.0000	0.000	56052.7	1.413	BB	0.039	24202.69	1.420

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.373		0.0000	0.000	35876.2	0.905	BB	0.036	16817.58	0.987
64	7.569		0.0000	0.000	471.1	0.012	BB	0.049	159.72	0.009
65	7.711		0.0000	0.000	46050.3	1.161	BB	0.050	15452.21	0.907
66	7.898		0.0000	0.000	2748.7	0.069	BB	0.048	958.43	0.056
67	8.057		0.0000	0.000	413.3	0.010	BB	0.046	150.31	0.009
68	8.172		0.0000	0.000	1023.9	0.026	BB	0.032	531.85	0.031
69	8.219		0.0000	0.000	328.7	0.008	BB	0.027	201.85	0.012
70	8.369		0.0000	0.000	544.1	0.014	BB	0.056	161.38	0.009
71	8.563		0.0000	0.000	2001.8	0.050	BB	0.126	264.39	0.016
72	9.047		0.0000	0.000	4769.2	0.120	BB	0.045	1755.86	0.103
73	9.442	DCB	74.6972	48.811	608064.3	15.334	BB	0.059	170779.10	10.022
74	9.726		0.0000	0.000	82.6	0.002	BB	0.028	48.52	0.003
75	9.951		0.0000	0.000	21223.5	0.535	BB	0.092	3864.45	0.227

Total Area = 3965585.0, Total Amount = 153.032, Total Height = 1704127.0, Sample Units = ug/l

Sample Name: **AR5450824B AAAR545AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 05:35:19pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.23R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.126		0.0000	0.000	369.4	0.006	BB	0.026	240.48	0.008
2	2.176		0.0000	0.000	2142.8	0.032	BB	0.040	892.10	0.031
3	2.292		0.0000	0.000	999.9	0.015	BB	0.035	476.16	0.017
4	2.344		0.0000	0.000	35.0	0.001	BB	0.008	72.18	0.003
5	2.360		0.0000	0.000	31.8	0.000	BB	0.009	58.08	0.002
6	2.384		0.0000	0.000	748.9	0.011	BB	0.027	461.53	0.016
7	2.460		0.0000	0.000	19.6	0.000	BB	0.007	49.49	0.002
8	2.477		0.0000	0.000	37.0	0.001	BB	0.010	62.44	0.002
9	2.501		0.0000	0.000	832.9	0.013	BB	0.036	388.83	0.014
10	2.577		0.0000	0.000	36.0	0.001	BB	0.010	62.44	0.002
11	2.627		0.0000	0.000	18687.6	0.283	BB	0.077	4067.73	0.143
12	2.834		0.0000	0.000	17629.3	0.267	BB	0.058	5037.53	0.177
13	2.930	TCX	72.5816	50.828	900758.4	13.626	BB	0.039	386665.70	13.572
14	3.109		0.0000	0.000	376.1	0.006	BB	0.022	287.59	0.010
15	3.161		0.0000	0.000	25.2	0.000	BB	0.007	58.27	0.002
16	3.193		0.0000	0.000	507.0	0.008	BB	0.033	253.42	0.009
17	3.254		0.0000	0.000	10778.8	0.163	BB	0.031	5835.20	0.205
18	3.357		0.0000	0.000	3704.2	0.056	BB	0.033	1875.60	0.066
19	3.427		0.0000	0.000	1068.8	0.016	BB	0.023	759.48	0.027
20	3.494		0.0000	0.000	45.7	0.001	BB	0.011	71.19	0.002
21	3.510		0.0000	0.000	36.3	0.001	BB	0.012	52.28	0.002
22	3.528		0.0000	0.000	674.2	0.010	BB	0.033	339.21	0.012
23	3.610		0.0000	0.000	66.4	0.001	BB	0.012	92.83	0.003
24	3.643		0.0000	0.000	22.9	0.000	BB	0.007	52.66	0.002
25	3.689		0.0000	0.000	9092.6	0.138	BB	0.045	3363.18	0.118
26	3.759		0.0000	0.000	120.1	0.002	BB	0.011	180.43	0.006
27	3.820		0.0000	0.000	4771.2	0.072	BB	0.038	2081.20	0.073
28	3.873		0.0000	0.000	3356.2	0.051	BB	0.030	1873.95	0.066
29	3.970		0.0000	0.000	1340.8	0.020	BB	0.028	801.37	0.028
30	4.027		0.0000	0.000	341.0	0.005	BB	0.019	302.47	0.011
31	4.078		0.0000	0.000	481.1	0.007	BB	0.017	469.58	0.016
32	4.118		0.0000	0.000	9761.8	0.148	BB	0.031	5332.05	0.187
33	4.174		0.0000	0.000	4155.7	0.063	BB	0.033	2107.72	0.074
34	4.243		0.0000	0.000	1276.2	0.019	BB	0.028	763.42	0.027
35	4.297		0.0000	0.000	2839.8	0.043	BB	0.023	2079.64	0.073
36	4.353		0.0000	0.000	335653.1	5.077	BB	0.056	100239.20	3.518
37	4.557		0.0000	0.000	168768.9	2.553	BB	0.043	65334.24	2.293
38	4.700		0.0000	0.000	44976.9	0.680	BB	0.032	23778.96	0.835
39	4.766		0.0000	0.000	5911.2	0.089	BB	0.024	4042.34	0.142
40	4.832		0.0000	0.000	4179.9	0.063	BB	0.026	2709.82	0.095
41	4.872		0.0000	0.000	10011.5	0.151	BB	0.024	7057.40	0.248
42	4.908		0.0000	0.000	445365.6	6.737	BB	0.038	195892.70	6.876
43	5.004		0.0000	0.000	32087.7	0.485	BB	0.022	24130.72	0.847
44	5.060		0.0000	0.000	206387.2	3.122	BB	0.026	133475.00	4.685
45	5.105		0.0000	0.000	27473.6	0.416	BB	0.018	25770.06	0.905
46	5.129		0.0000	0.000	24087.0	0.364	BB	0.019	20804.81	0.730
47	5.226		0.0000	0.000	15593.7	0.236	BB	0.023	11154.53	0.392
48	5.279		0.0000	0.000	151451.7	2.291	BB	0.034	73608.59	2.584
49	5.362		0.0000	0.000	214791.5	3.249	BB	0.027	132472.30	4.650
50	5.410		0.0000	0.000	14137.1	0.214	BB	0.018	12926.36	0.454
51	5.450		0.0000	0.000	576799.7	8.725	BB	0.040	239388.40	8.403
52	5.585		0.0000	0.000	294764.6	4.459	BB	0.039	126916.90	4.455
53	5.682		0.0000	0.000	411355.6	6.222	BB	0.039	174037.00	6.109
54	5.778		0.0000	0.000	239268.6	3.619	BB	0.039	101629.40	3.567
55	5.920		0.0000	0.000	229922.0	3.478	BB	0.035	110821.80	3.890
56	5.987		0.0000	0.000	196532.1	2.973	BB	0.028	116737.10	4.098
57	6.042		0.0000	0.000	21668.6	0.328	BB	0.019	18697.34	0.656
58	6.098		0.0000	0.000	617207.6	9.336	BB	0.050	205575.40	7.216
59	6.273		0.0000	0.000	2834.0	0.043	BB	0.027	1729.05	0.061
60	6.345		0.0000	0.000	16725.2	0.253	BB	0.026	10652.50	0.374
61	6.425		0.0000	0.000	147466.6	2.231	BB	0.036	69072.16	2.424
62	6.489		0.0000	0.000	5024.1	0.076	BB	0.019	4352.11	0.153

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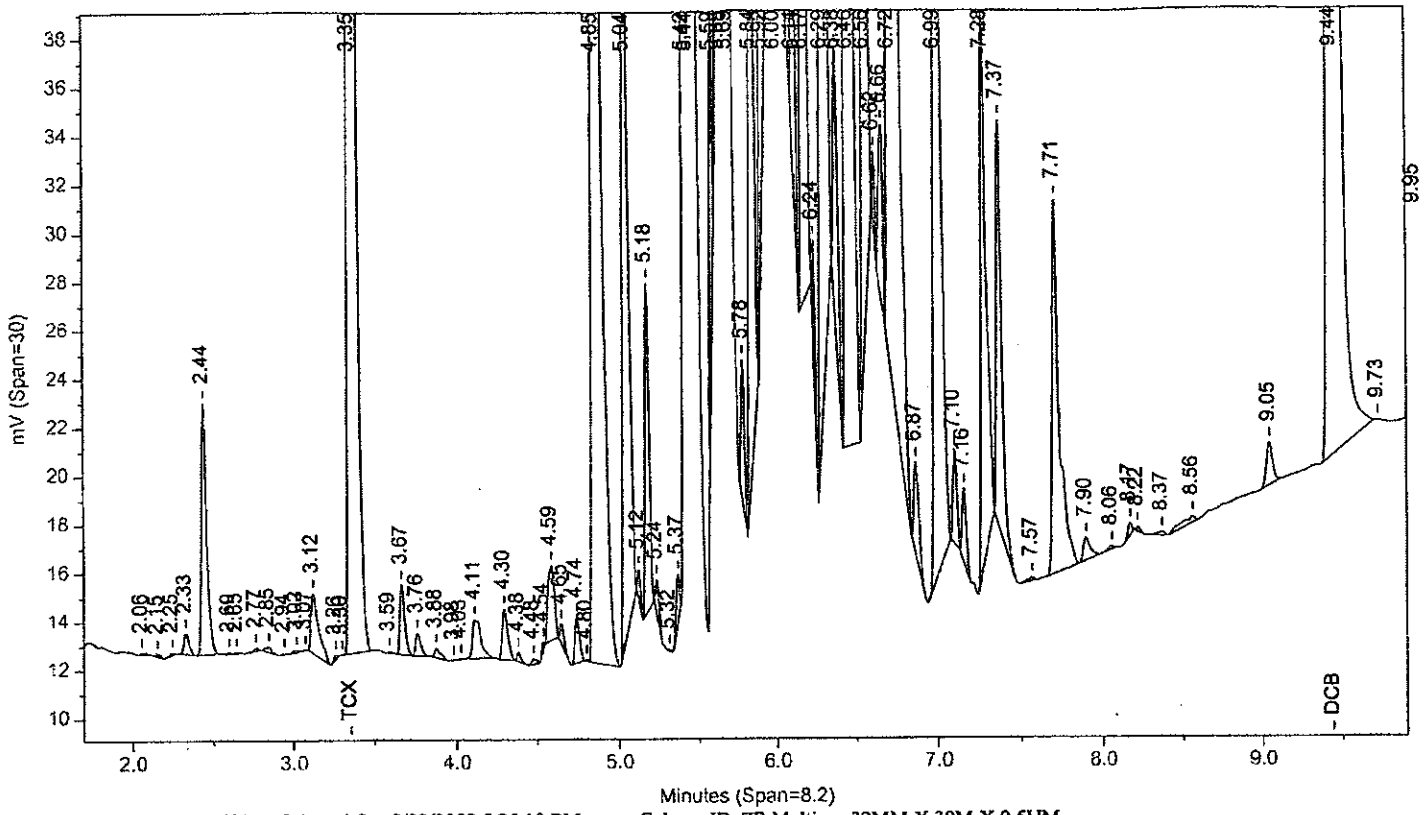
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.536		0.0000	0.000	4565.8	0.069	BB	0.020	3832.70	0.135
64	6.572		0.0000	0.000	1057.0	0.016	BB	0.015	1197.39	0.042
65	6.615		0.0000	0.000	21516.0	0.325	BB	0.024	15017.97	0.527
66	6.642		0.0000	0.000	26000.1	0.393	BB	0.032	13651.61	0.479
67	6.826		0.0000	0.000	145.0	0.002	BB	0.022	109.75	0.004
68	6.894		0.0000	0.000	27.7	0.000	BB	0.007	62.23	0.002
69	6.929		0.0000	0.000	1301.2	0.020	BB	0.025	859.62	0.030
70	6.988		0.0000	0.000	70863.6	1.072	BB	0.037	31764.50	1.115
71	7.143		0.0000	0.000	3797.5	0.057	BB	0.038	1682.56	0.059
72	7.209		0.0000	0.000	147.5	0.002	BB	0.018	138.63	0.005
73	7.273		0.0000	0.000	6570.6	0.099	BB	0.049	2252.85	0.079
74	7.394		0.0000	0.000	1601.8	0.024	BB	0.037	712.98	0.025
75	7.443		0.0000	0.000	22.5	0.000	BB	0.006	58.42	0.002
76	7.460		0.0000	0.000	21.2	0.000	BB	0.007	53.97	0.002
77	7.477		0.0000	0.000	44.2	0.001	BB	0.011	68.25	0.002
78	7.510		0.0000	0.000	66.2	0.001	BB	0.015	72.25	0.003
79	7.560		0.0000	0.000	3193.1	0.048	BB	0.031	1696.15	0.060
80	7.610		0.0000	0.000	193.5	0.003	BB	0.036	90.44	0.003
81	7.693		0.0000	0.000	20.5	0.000	BB	0.005	67.38	0.002
82	7.743		0.0000	0.000	28.6	0.000	BB	0.011	41.56	0.001
83	7.760		0.0000	0.000	75.7	0.001	BB	0.018	70.62	0.002
84	7.827		0.0000	0.000	19.6	0.000	BB	0.007	49.37	0.002
85	7.860		0.0000	0.000	29.6	0.000	BB	0.008	61.18	0.002
86	7.917		0.0000	0.000	10163.2	0.154	BB	0.040	4210.20	0.148
87	8.044		0.0000	0.000	21.4	0.000	BB	0.006	62.04	0.002
88	8.060		0.0000	0.000	43.2	0.001	BB	0.011	68.37	0.002
89	8.076		0.0000	0.000	48.7	0.001	BB	0.013	61.01	0.002
90	8.126		0.0000	0.000	19.8	0.000	BB	0.007	45.68	0.002
91	8.143		0.0000	0.000	38.0	0.001	BB	0.008	77.41	0.003
92	8.160		0.0000	0.000	34.3	0.001	BB	0.010	58.27	0.002
93	8.240	DCB	70.2167	49.172	983374.4	14.875	BB	0.051	322946.10	11.336
94	8.543		0.0000	0.000	88.4	0.001	BB	0.019	79.57	0.003
95	8.594		0.0000	0.000	39.2	0.001	BB	0.010	66.10	0.002
96	8.609		0.0000	0.000	107.9	0.002	BB	0.017	108.27	0.004
97	8.660		0.0000	0.000	24.4	0.000	BB	0.008	50.86	0.002
98	8.676		0.0000	0.000	139.7	0.002	BB	0.021	110.78	0.004
99	8.726		0.0000	0.000	25.8	0.000	BB	0.007	60.29	0.002
100	8.776		0.0000	0.000	62.6	0.001	BB	0.015	68.80	0.002
101	8.793		0.0000	0.000	75.9	0.001	BB	0.015	85.60	0.003
102	8.843		0.0000	0.000	24.3	0.000	BB	0.006	63.86	0.002
103	8.860		0.0000	0.000	67.5	0.001	BB	0.015	73.34	0.003
104	8.910		0.0000	0.000	27.7	0.000	BB	0.008	61.17	0.002
105	8.943		0.0000	0.000	45.4	0.001	BB	0.013	59.96	0.002
106	8.976		0.0000	0.000	47.0	0.001	BB	0.013	58.21	0.002
107	9.010		0.0000	0.000	18.6	0.000	BB	0.006	48.54	0.002
108	9.027		0.0000	0.000	27.5	0.000	BB	0.008	57.57	0.002
109	9.043		0.0000	0.000	216.2	0.003	BB	0.028	127.46	0.004
110	9.127		0.0000	0.000	23.3	0.000	BB	0.008	51.27	0.002
111	9.160		0.0000	0.000	25.2	0.000	BB	0.009	47.41	0.002
112	9.177		0.0000	0.000	25.4	0.000	BB	0.008	55.01	0.002
113	9.193		0.0000	0.000	129.7	0.002	BB	0.022	100.00	0.004
114	9.260		0.0000	0.000	82.5	0.001	BB	0.018	74.47	0.003
115	9.310		0.0000	0.000	68.5	0.001	BB	0.016	70.42	0.002
116	9.343		0.0000	0.000	25.6	0.000	BB	0.008	53.82	0.002
117	9.377		0.0000	0.000	22.5	0.000	BB	0.007	50.48	0.002
118	9.410		0.0000	0.000	24.2	0.000	BB	0.007	56.24	0.002
119	9.427		0.0000	0.000	20.6	0.000	BB	0.008	43.84	0.002
120	9.443		0.0000	0.000	35.1	0.001	BB	0.011	55.33	0.002
121	9.476		0.0000	0.000	47.5	0.001	BB	0.012	65.90	0.002
122	9.526		0.0000	0.000	58.3	0.001	BB	0.017	58.71	0.002
123	9.542		0.0000	0.000	134.5	0.002	BB	0.018	125.25	0.004
124	9.594		0.0000	0.000	23.2	0.000	BB	0.007	53.36	0.002
125	9.610		0.0000	0.000	38.5	0.001	BB	0.012	52.42	0.002
126	9.644		0.0000	0.000	24.0	0.000	BB	0.009	46.91	0.002
127	9.677		0.0000	0.000	77.0	0.001	BB	0.015	84.92	0.003
128	9.693		0.0000	0.000	30.0	0.000	BB	0.009	54.16	0.002
129	9.710		0.0000	0.000	5107.4	0.077	BB	0.418	203.58	0.007
130	9.926		0.0000	0.000	10936.0	0.165	BB	0.040	4545.22	0.160
131	9.960		0.0000	0.000	147.6	0.002	BB	0.024	104.62	0.004

Total Area = 6610810.0, Total Amount = 142.798, Total Height = 2848948.0, Sample Units = ug/l

ASX84 1880

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.23R

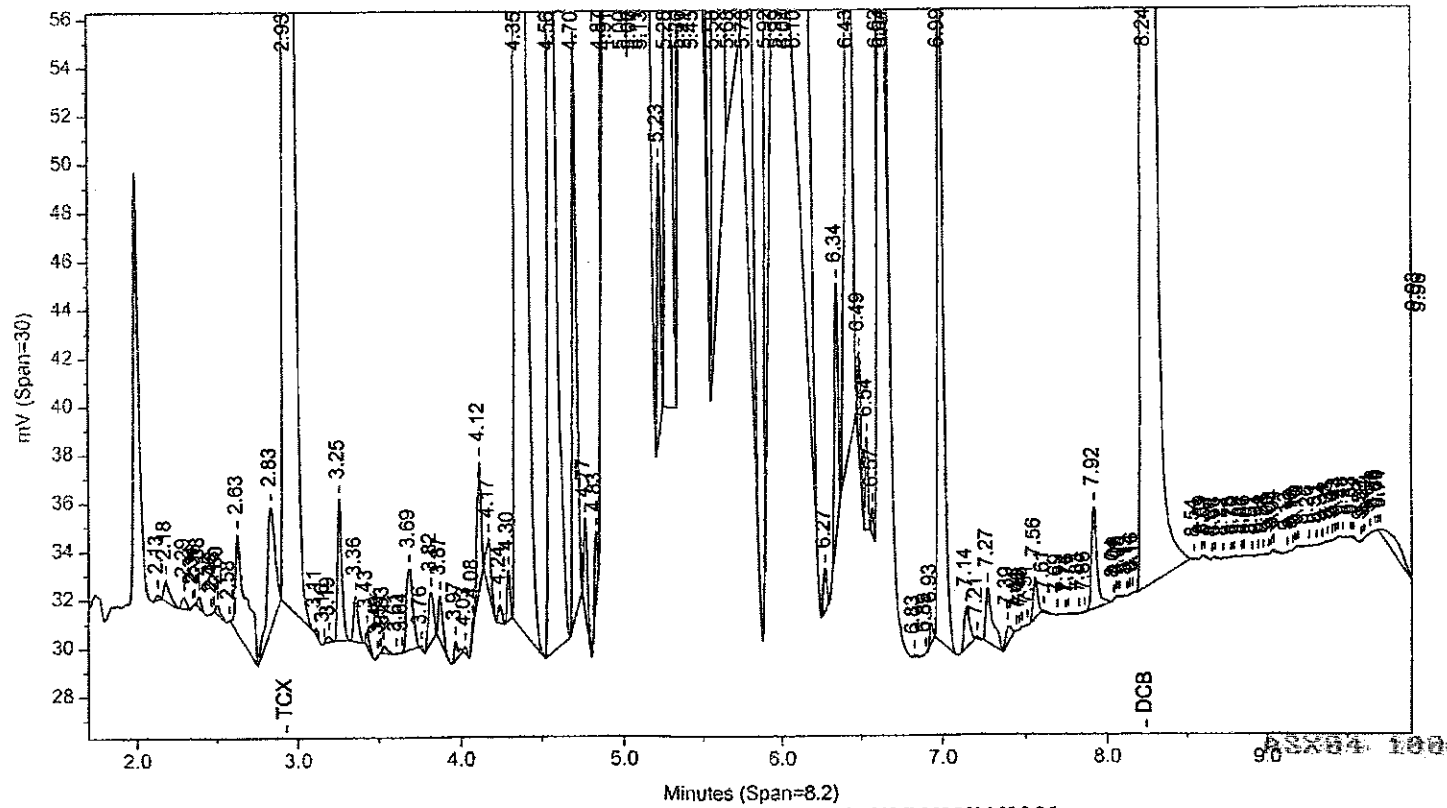
C:\CPWIN\DATA1\1P2235.23R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 5:25:19 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.23R

C:\CPWIN\DATA1\1P2235B.23R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 5:25:19 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

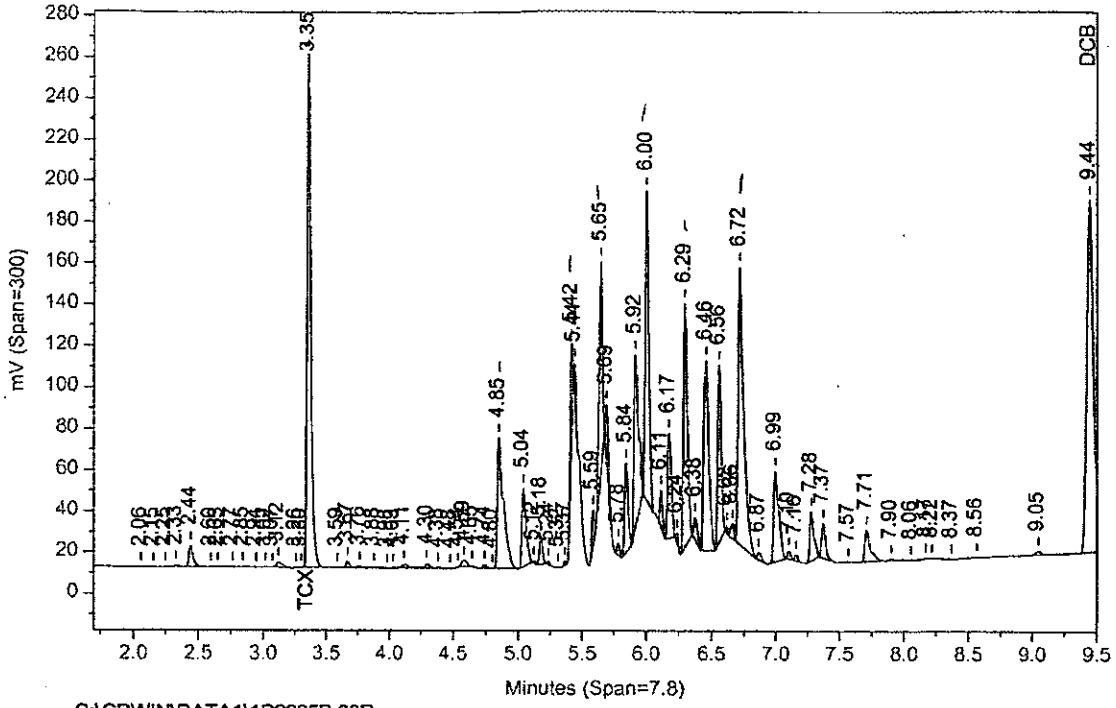
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	249789	78.33528	TCX	2.93	386666	72.58157	TCX
9.442	170779	74.6972	DCB	8.24	322946	70.21666	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.23A
Area File: C:\CPWIN\DATA1\1P2235B.23A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:36:18 AM
File Reported On: 8/25/2008 at 11:36:28 AM

10X REPLOTS

ASX04 1002

C:\CPWIN\DATA1\1P2235.23R



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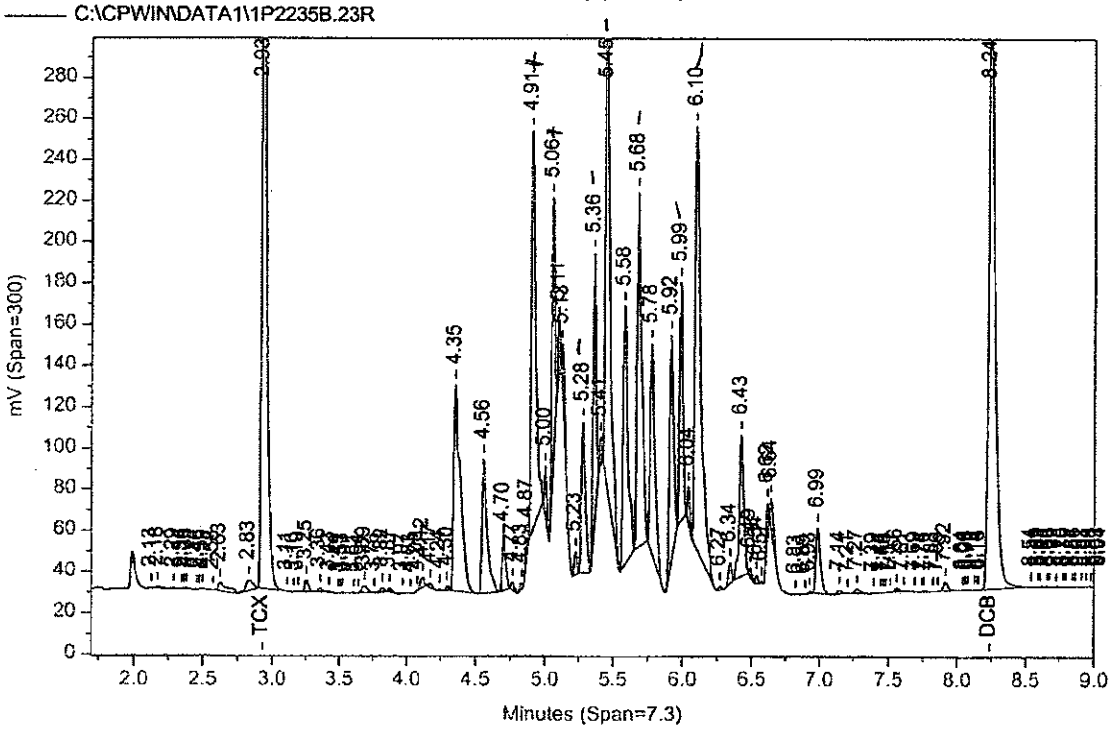

ASX84 1083

Sample Name: **AR6210824A AAAR621AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 05:49:46pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.24R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.305		0.0000	0.000	1820.2	0.464	BB	0.153	198.77	0.124
2	2.445		0.0000	0.000	2595.8	0.662	BB	0.036	1198.32	0.745
3	2.720		0.0000	0.000	104.8	0.027	BB	0.043	40.49	0.025
4	2.822		0.0000	0.000	84.5	0.022	BB	0.043	32.38	0.020
5	3.029		0.0000	0.000	116.7	0.030	BB	0.040	48.15	0.030
6	3.132		0.0000	0.000	6569.0	1.676	BB	0.105	1043.00	0.648
7	3.402		0.0000	0.000	7085.0	1.807	BB	0.236	499.38	0.310
8	3.769		0.0000	0.000	293.0	0.075	BB	0.035	138.35	0.086
9	3.839		0.0000	0.000	52.8	0.013	BB	0.038	23.12	0.014
10	4.034		0.0000	0.000	32.8	0.008	BB	0.029	18.75	0.012
11	4.118		0.0000	0.000	878.0	0.224	BB	0.060	242.10	0.151
12	4.256		0.0000	0.000	18.3	0.005	BB	0.018	16.59	0.010
13	4.303		0.0000	0.000	1463.7	0.373	BB	0.045	539.59	0.335
14	4.452		0.0000	0.000	135.5	0.035	BB	0.051	44.25	0.028
15	4.589		0.0000	0.000	1099.0	0.280	BB	0.044	420.94	0.262
16	4.654		0.0000	0.000	211.3	0.054	BB	0.027	130.13	0.081
17	4.748		0.0000	0.000	1360.3	0.347	BB	0.048	474.37	0.295
18	4.858		0.0000	0.000	250.9	0.064	BB	0.025	165.41	0.103
19	4.907		0.0000	0.000	270.7	0.069	BB	0.038	119.29	0.074
20	5.050		0.0000	0.000	540.7	0.138	BB	0.046	196.66	0.122
21	5.132		0.0000	0.000	17.7	0.005	BB	0.016	18.63	0.012
22	5.185		0.0000	0.000	248.5	0.063	BB	0.031	134.30	0.083
23	5.240		0.0000	0.000	71.4	0.018	BB	0.030	39.04	0.024
24	5.425		0.0000	0.000	6670.9	1.702	BB	0.062	1801.19	1.120
25	5.653		0.0000	0.000	7590.3	1.936	BB	0.055	2307.74	1.435
26	5.757		0.0000	0.000	1559.6	0.398	BB	0.026	982.20	0.611
27	5.849		0.0000	0.000	218.5	0.056	BB	0.033	110.52	0.069
28	5.943		0.0000	0.000	3406.4	0.869	BB	0.037	1528.50	0.950
29	6.002		0.0000	0.000	760.3	0.194	BB	0.024	519.50	0.323
30	6.075		0.0000	0.000	16105.6	4.109	BB	0.046	5827.54	3.623
31	6.178		0.0000	0.000	20304.8	5.180	BB	0.036	9362.22	5.820
32	6.381		0.0000	0.000	10329.5	2.635	BB	0.039	4470.97	2.779
33	6.450		0.0000	0.000	21622.8	5.516	BB	0.034	10538.82	6.552
34	6.512		0.0000	0.000	5061.6	1.291	BB	0.026	3221.21	2.002
35	6.567		0.0000	0.000	6965.7	1.777	BB	0.039	2947.75	1.832
36	6.673		0.0000	0.000	242.9	0.062	BB	0.021	195.74	0.122
37	6.719		0.0000	0.000	19654.0	5.014	BB	0.036	9056.30	5.630
38	6.809		0.0000	0.000	23939.2	6.107	BB	0.031	13015.11	8.091
39	6.864		0.0000	0.000	5538.6	1.413	BB	0.026	3600.68	2.238
40	6.989		0.0000	0.000	1173.9	0.299	BB	0.028	695.32	0.432
41	7.027		0.0000	0.000	22750.7	5.804	BB	0.037	10330.66	6.422
42	7.105		0.0000	0.000	6935.3	1.769	BB	0.029	4043.14	2.513
43	7.154		0.0000	0.000	886.8	0.226	BB	0.023	641.10	0.399
44	7.226		0.0000	0.000	298.4	0.076	BB	0.024	210.92	0.131
45	7.290		0.0000	0.000	3109.4	0.793	BB	0.034	1541.58	0.958
46	7.373		0.0000	0.000	64584.5	16.477	BB	0.043	25111.49	15.611
47	7.708		0.0000	0.000	34152.4	8.713	BB	0.036	15807.87	9.827
48	7.806		0.0000	0.000	18649.5	4.758	BB	0.042	7382.09	4.589
49	8.059		0.0000	0.000	1647.4	0.420	BB	0.041	668.20	0.415
50	8.219		0.0000	0.000	9900.9	2.526	BB	0.048	3452.95	2.147
51	8.562		0.0000	0.000	21937.4	5.597	BB	0.043	8494.98	5.281
52	8.666		0.0000	0.000	730.6	0.186	BB	0.034	353.64	0.220
53	9.049		0.0000	0.000	8958.2	2.285	BB	0.046	3245.02	2.017
54	9.449	DCB	0.0161	100.000	122.7	0.031	BB	0.056	36.78	0.023
55	9.954		0.0000	0.000	20847.9	5.319	BB	0.097	3577.26	2.224

Total Area = 391977.1, Total Amount = 0.016, Total Height = 160861.0, Sample Units = ug/l

ASX04 1004

Sample Name: **AR6210824A AAAR621AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 05:49:46pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.24R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.129		0.0000	0.000	76.0	0.012	BB	0.022	58.02	0.019
2	2.362		0.0000	0.000	288.3	0.044	BB	0.029	164.24	0.053
3	2.446		0.0000	0.000	109.4	0.017	BB	0.046	39.48	0.013
4	2.597		0.0000	0.000	104.4	0.016	BB	0.035	49.21	0.016
5	2.645		0.0000	0.000	332.1	0.050	BB	0.041	134.33	0.044
6	2.678		0.0000	0.000	19.7	0.003	BB	0.009	37.35	0.012
7	2.839		0.0000	0.000	25478.4	3.857	BB	0.098	4320.36	1.403
8	2.995		0.0000	0.000	588.7	0.089	BB	0.042	233.14	0.076
9	3.113		0.0000	0.000	708.5	0.107	BB	0.053	221.58	0.072
10	3.263		0.0000	0.000	61.2	0.009	BB	0.024	41.69	0.014
11	3.358		0.0000	0.000	589.8	0.089	BB	0.036	274.89	0.089
12	3.446		0.0000	0.000	161.9	0.025	BB	0.023	118.44	0.038
13	3.495		0.0000	0.000	92.1	0.014	BB	0.016	98.23	0.032
14	3.612		0.0000	0.000	67.6	0.010	BB	0.021	54.56	0.018
15	3.695		0.0000	0.000	1821.2	0.276	BB	0.055	548.50	0.178
16	3.825		0.0000	0.000	5126.6	0.776	BB	0.067	1270.80	0.413
17	4.012		0.0000	0.000	73.2	0.011	BB	0.022	54.92	0.018
18	4.043		0.0000	0.000	758.8	0.115	BB	0.032	400.81	0.130
19	4.126		0.0000	0.000	1176.7	0.178	BB	0.032	612.67	0.199
20	4.189		0.0000	0.000	606.6	0.092	BB	0.032	316.24	0.103
21	4.256		0.0000	0.000	3358.0	0.508	BB	0.058	965.48	0.314
22	4.360		0.0000	0.000	353.7	0.054	BB	0.021	277.88	0.090
23	4.393		0.0000	0.000	280.0	0.042	BB	0.025	185.94	0.060
24	4.495		0.0000	0.000	20.1	0.003	BB	0.009	35.62	0.012
25	4.561		0.0000	0.000	2898.8	0.439	BB	0.066	736.25	0.239
26	4.677		0.0000	0.000	275.0	0.042	BB	0.043	106.72	0.035
27	4.704		0.0000	0.000	478.7	0.072	BB	0.028	285.12	0.093
28	4.763		0.0000	0.000	164.3	0.025	BB	0.023	117.38	0.038
29	4.875		0.0000	0.000	102.2	0.015	BB	0.024	71.77	0.023
30	4.911		0.0000	0.000	6959.4	1.054	BB	0.037	3146.29	1.022
31	5.009		0.0000	0.000	273.1	0.041	BB	0.024	192.07	0.062
32	5.064		0.0000	0.000	8706.2	1.318	BB	0.041	3557.52	1.156
33	5.278		0.0000	0.000	2605.0	0.394	BB	0.060	726.42	0.236
34	5.363		0.0000	0.000	1209.9	0.183	BB	0.024	852.11	0.277
35	5.431		0.0000	0.000	1358.9	0.206	BB	0.023	997.95	0.324
36	5.474		0.0000	0.000	27517.2	4.166	BB	0.046	9907.69	3.218
37	5.588		0.0000	0.000	38294.8	5.797	BB	0.037	17264.80	5.608
38	5.680		0.0000	0.000	209.4	0.032	BB	0.015	230.76	0.075
39	5.724		0.0000	0.000	2951.2	0.447	BB	0.027	1802.64	0.586
40	5.783		0.0000	0.000	43576.5	6.597	BB	0.037	19836.91	6.443
41	5.930		0.0000	0.000	52254.2	7.911	BB	0.040	22008.07	7.148
42	5.995		0.0000	0.000	1188.8	0.180	BB	0.022	919.72	0.299
43	6.053		0.0000	0.000	5374.5	0.814	BB	0.024	3800.89	1.235
44	6.099		0.0000	0.000	10989.2	1.664	BB	0.024	7542.41	2.450
45	6.145		0.0000	0.000	30384.3	4.600	BB	0.027	18956.82	6.157
46	6.193		0.0000	0.000	8621.9	1.305	BB	0.023	6263.09	2.034
47	6.327		0.0000	0.000	10207.2	1.545	BB	0.031	5459.97	1.773
48	6.397		0.0000	0.000	50641.2	7.667	BB	0.036	23622.99	7.673
49	6.493		0.0000	0.000	15634.0	2.367	BB	0.029	9099.30	2.956
50	6.533		0.0000	0.000	760.8	0.115	BB	0.015	850.75	0.276
51	6.572		0.0000	0.000	2333.0	0.353	BB	0.021	1823.85	0.592
52	6.647		0.0000	0.000	100236.6	15.175	BB	0.037	45189.90	14.678
53	6.744		0.0000	0.000	3749.7	0.568	BB	0.027	2311.02	0.751
54	6.931		0.0000	0.000	29948.0	4.534	BB	0.028	17585.53	5.712
55	6.994		0.0000	0.000	65398.7	9.901	BB	0.035	31387.87	10.195
56	7.144		0.0000	0.000	23.4	0.004	BB	0.008	47.68	0.015
57	7.211		0.0000	0.000	2727.3	0.413	BB	0.032	1439.85	0.468
58	7.276		0.0000	0.000	139.7	0.021	BB	0.026	89.28	0.029
59	7.313		0.0000	0.000	1635.9	0.248	BB	0.031	887.43	0.288
60	7.389		0.0000	0.000	14726.4	2.229	BB	0.036	6804.05	2.210
61	7.494		0.0000	0.000	50.6	0.008	BB	0.020	42.03	0.014
62	7.560		0.0000	0.000	45468.2	6.883	BB	0.040	18757.52	6.093

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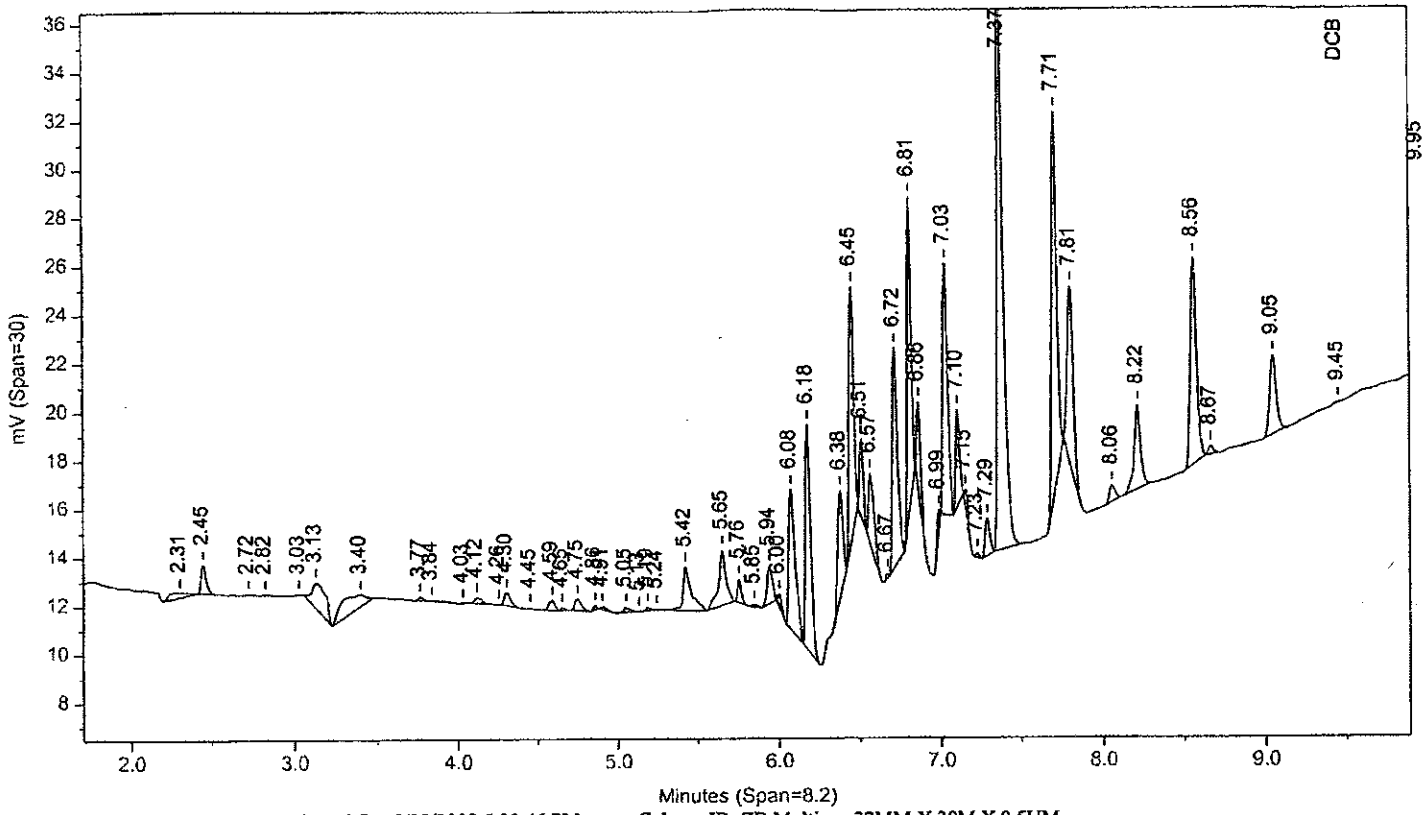
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.727		0.0000	0.000	53.2	0.008	BB	0.027	33.02	0.011
64	7.777		0.0000	0.000	36.9	0.006	BB	0.019	32.82	0.011
65	7.811		0.0000	0.000	26.2	0.004	BB	0.008	54.91	0.018
66	7.844		0.0000	0.000	30.3	0.005	BB	0.019	27.19	0.009
67	7.920		0.0000	0.000	18552.0	2.809	BB	0.039	7833.83	2.544
68	8.044		0.0000	0.000	18.6	0.003	BB	0.007	44.62	0.014
69	8.093		0.0000	0.000	59.5	0.009	BB	0.019	52.80	0.017
70	8.111		0.0000	0.000	24.0	0.004	BB	0.010	41.55	0.013
71	8.160		0.0000	0.000	64.2	0.010	BB	0.020	54.71	0.018
72	8.193		0.0000	0.000	45.7	0.007	BB	0.017	45.64	0.015
73	8.212		0.0000	0.000	17.8	0.003	BB	0.009	33.35	0.011
74	8.243	DCB	0.0473	100.000	435.1	0.066	BB	0.033	217.53	0.071
75	8.311		0.0000	0.000	30.6	0.005	BB	0.014	37.71	0.012
76	8.344		0.0000	0.000	80.3	0.012	BB	0.018	73.76	0.024
77	8.377		0.0000	0.000	19.2	0.003	BB	0.007	44.19	0.014
78	8.394		0.0000	0.000	28.3	0.004	BB	0.009	50.95	0.017
79	8.412		0.0000	0.000	24.8	0.004	BB	0.010	42.57	0.014
80	8.460		0.0000	0.000	57.3	0.009	BB	0.019	49.75	0.016
81	8.494		0.0000	0.000	63.1	0.010	BB	0.016	64.68	0.021
82	8.527		0.0000	0.000	41.2	0.006	BB	0.021	33.33	0.011
83	8.577		0.0000	0.000	47.5	0.007	BB	0.015	54.51	0.018
84	8.627		0.0000	0.000	57.9	0.009	BB	0.017	56.36	0.018
85	8.661		0.0000	0.000	24.0	0.004	BB	0.009	45.58	0.015
86	8.694		0.0000	0.000	47.5	0.007	BB	0.014	54.63	0.018
87	8.727		0.0000	0.000	21.4	0.003	BB	0.008	44.34	0.014
88	8.777		0.0000	0.000	81.0	0.012	BB	0.033	41.48	0.013
89	8.811		0.0000	0.000	49.1	0.007	BB	0.016	50.11	0.016
90	8.860		0.0000	0.000	20.4	0.003	BB	0.007	45.38	0.015
91	8.894		0.0000	0.000	47.7	0.007	BB	0.016	48.49	0.016
92	8.943		0.0000	0.000	32.3	0.005	BB	0.014	38.86	0.013
93	8.976		0.0000	0.000	77.3	0.012	BB	0.022	59.49	0.019
94	9.043		0.0000	0.000	33.8	0.005	BB	0.018	32.20	0.010
95	9.077		0.0000	0.000	22.4	0.003	BB	0.007	55.49	0.018
96	9.111		0.0000	0.000	16.5	0.002	BB	0.009	29.49	0.010
97	9.144		0.0000	0.000	38.7	0.006	BB	0.013	51.26	0.017
98	9.194		0.0000	0.000	71.8	0.011	BB	0.023	52.58	0.017
99	9.244		0.0000	0.000	56.3	0.009	BB	0.018	52.64	0.017
100	9.294		0.0000	0.000	43.6	0.007	BB	0.016	44.66	0.015
101	9.344		0.0000	0.000	34.8	0.005	BB	0.014	41.35	0.013
102	9.377		0.0000	0.000	81.1	0.012	BB	0.018	73.23	0.024
103	9.427		0.0000	0.000	59.6	0.009	BB	0.020	49.87	0.016
104	9.460		0.0000	0.000	82.9	0.013	BB	0.021	66.72	0.022
105	9.527		0.0000	0.000	23.2	0.004	BB	0.011	36.14	0.012
106	9.560		0.0000	0.000	123.1	0.019	BB	0.023	88.10	0.029
107	9.628		0.0000	0.000	9.3	0.001	BB	0.005	32.05	0.010
108	9.660		0.0000	0.000	33.8	0.005	BB	0.013	43.21	0.014
109	9.710		0.0000	0.000	185.8	0.028	BB	0.032	96.62	0.031
110	9.928		0.0000	0.000	6922.0	1.048	BB	0.050	2293.43	0.745
111	9.960		0.0000	0.000	159.1	0.024	BB	0.029	91.33	0.030

Total Area = 660539.5, Total Amount = 0.047, Total Height = 307875.2, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.24R

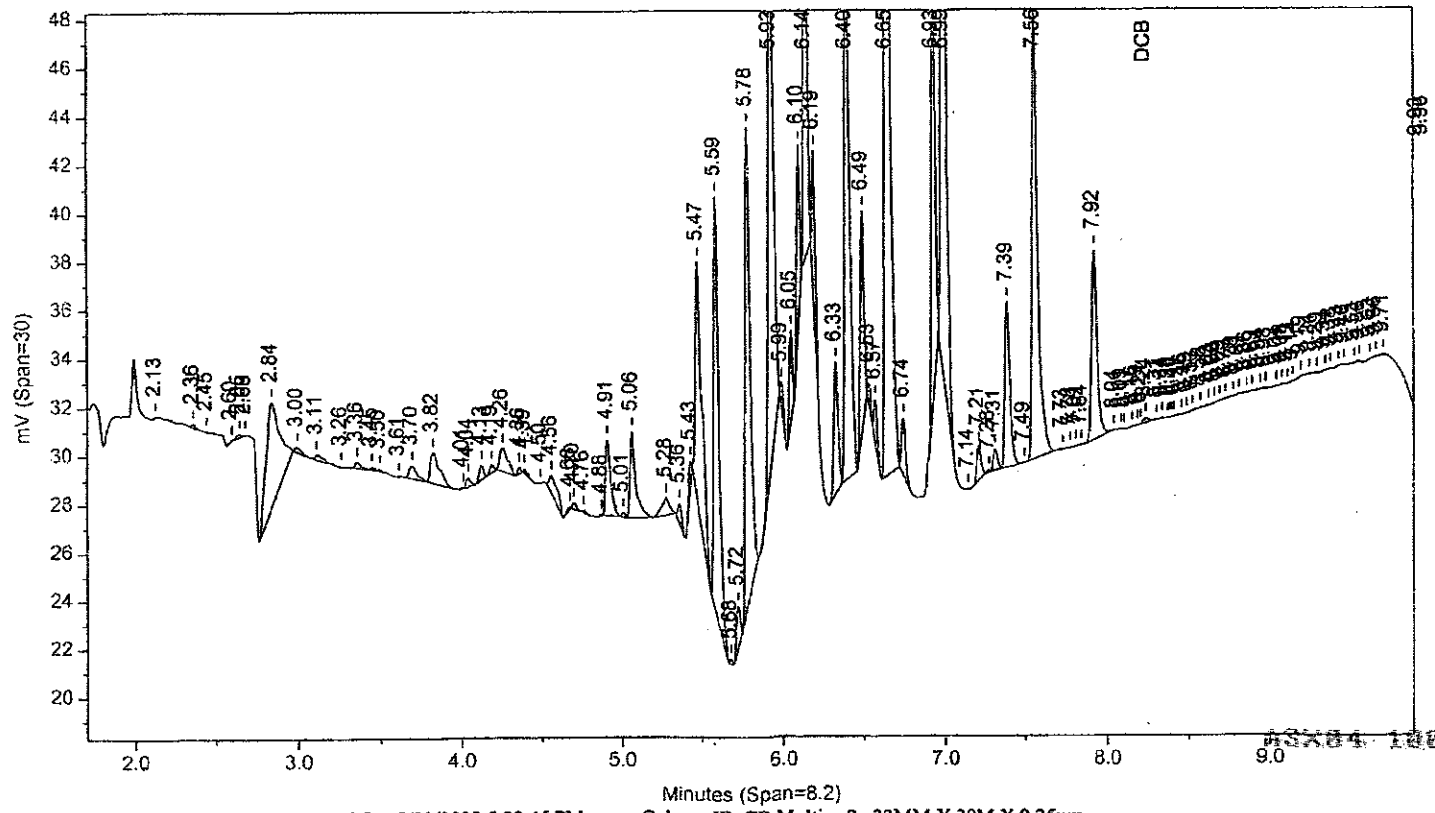
C:\CPWIN\DATA1\1P2235.24R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 5:39:46 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.24R

C:\CPWIN\DATA1\1P2235B.24R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 5:39:46 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

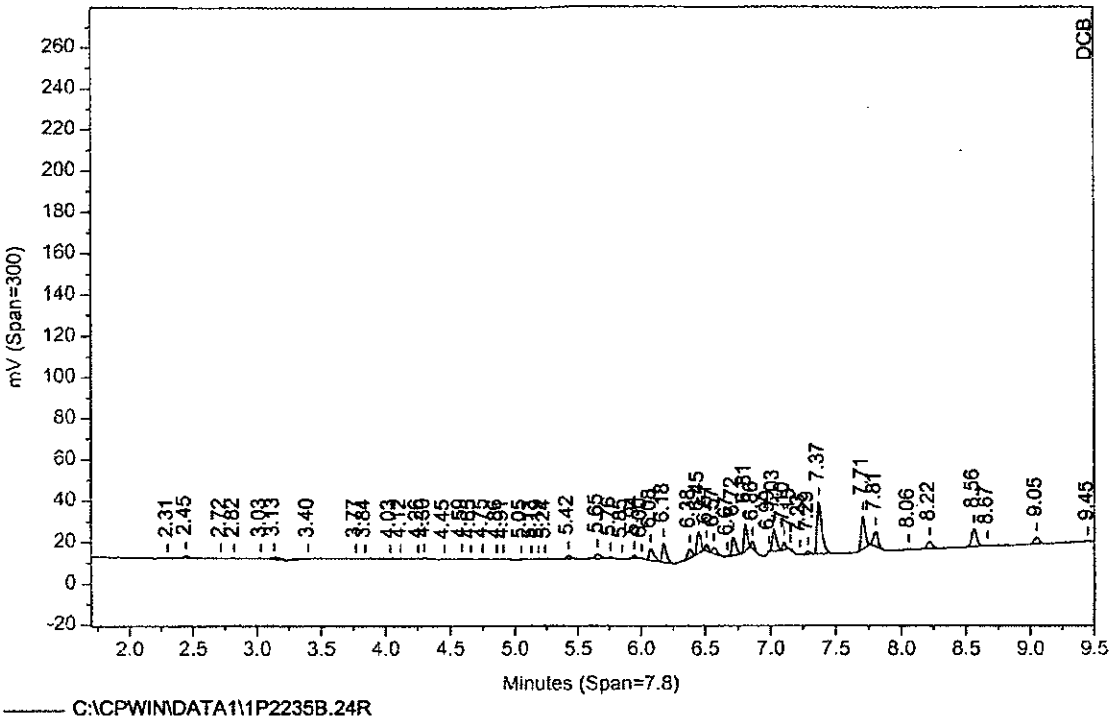
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.449	37	.01609	DCB	8.243	218	.0473	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.24A
Area File: C:\CPWIN\DATA1\1P2235B.24A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:36:38 AM
File Reported On: 8/25/2008 at 11:36:46 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.24R



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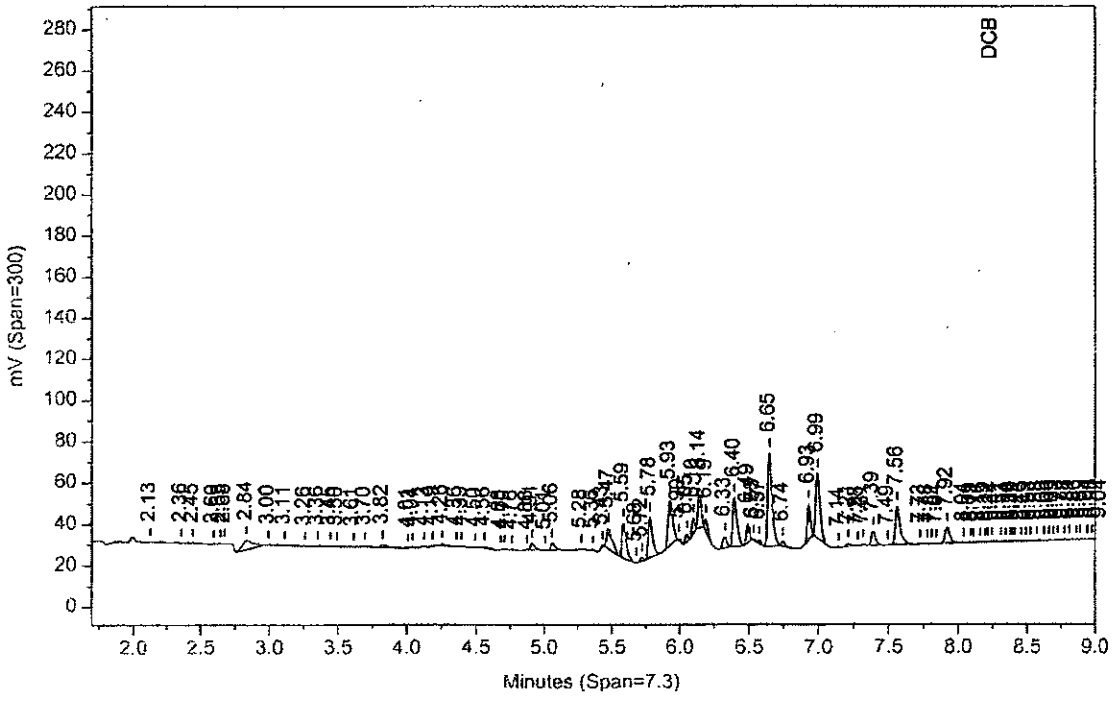


ASXB4 1889

Sample Name: **AR6220824A AAAR622AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 06:04:13pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.25R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.252		0.0000	0.000	871.0	0.178	BB	0.103	140.73	0.066
2	2.444		0.0000	0.000	1965.4	0.401	BB	0.038	851.02	0.397
3	2.721		0.0000	0.000	92.2	0.019	BB	0.046	33.27	0.016
4	2.814		0.0000	0.000	197.3	0.040	BB	0.068	48.29	0.023
5	2.948		0.0000	0.000	41.5	0.008	BB	0.035	19.91	0.009
6	3.033		0.0000	0.000	92.9	0.019	BB	0.034	45.65	0.021
7	3.129		0.0000	0.000	3367.9	0.687	BB	0.102	550.72	0.257
8	3.351	TCX	0.0217	100.000	1338.4	0.273	BB	0.322	69.19	0.032
9	3.402		0.0000	0.000	295.5	0.060	BB	0.040	123.46	0.058
10	3.540		0.0000	0.000	35.6	0.007	BB	0.026	22.76	0.011
11	3.686		0.0000	0.000	68.5	0.014	BB	0.035	32.90	0.015
12	3.766		0.0000	0.000	368.1	0.075	BB	0.035	175.58	0.082
13	3.844		0.0000	0.000	61.2	0.012	BB	0.043	23.73	0.011
14	4.035		0.0000	0.000	81.7	0.017	BB	0.036	38.15	0.018
15	4.117		0.0000	0.000	1169.3	0.238	BB	0.062	316.15	0.148
16	4.301		0.0000	0.000	3207.6	0.654	BB	0.051	1055.76	0.493
17	4.587		0.0000	0.000	1504.8	0.307	BB	0.041	618.89	0.289
18	4.652		0.0000	0.000	268.3	0.055	BB	0.028	162.60	0.076
19	4.745		0.0000	0.000	2035.5	0.415	BB	0.048	709.90	0.331
20	4.855		0.0000	0.000	335.4	0.068	BB	0.026	213.51	0.100
21	4.902		0.0000	0.000	382.1	0.078	BB	0.041	153.78	0.072
22	5.045		0.0000	0.000	726.9	0.148	BB	0.045	269.77	0.126
23	5.128		0.0000	0.000	21.3	0.004	BB	0.017	20.47	0.010
24	5.179		0.0000	0.000	382.4	0.078	BB	0.032	197.90	0.092
25	5.364		0.0000	0.000	85.5	0.017	BB	0.074	19.14	0.009
26	5.423		0.0000	0.000	7505.1	1.531	BB	0.054	2329.00	1.087
27	5.653		0.0000	0.000	9829.0	2.005	BB	0.054	3038.25	1.418
28	5.751		0.0000	0.000	106.0	0.022	BB	0.017	101.45	0.047
29	5.846		0.0000	0.000	302.9	0.062	BB	0.031	161.32	0.075
30	5.941		0.0000	0.000	4944.9	1.008	BB	0.038	2195.74	1.025
31	6.001		0.0000	0.000	1096.5	0.224	BB	0.026	691.32	0.323
32	6.074		0.0000	0.000	22658.1	4.621	BB	0.046	8222.77	3.837
33	6.177		0.0000	0.000	28962.6	5.907	BB	0.037	13143.27	6.133
34	6.303		0.0000	0.000	766.5	0.156	BB	0.036	359.70	0.168
35	6.378		0.0000	0.000	11218.3	2.288	BB	0.035	5327.17	2.486
36	6.451		0.0000	0.000	29525.8	6.021	BB	0.034	14534.13	6.782
37	6.511		0.0000	0.000	7055.1	1.439	BB	0.026	4510.16	2.104
38	6.567		0.0000	0.000	9659.0	1.970	BB	0.039	4142.72	1.933
39	6.674		0.0000	0.000	288.1	0.059	BB	0.019	254.30	0.119
40	6.718		0.0000	0.000	27563.9	5.621	BB	0.036	12851.92	5.997
41	6.808		0.0000	0.000	32514.8	6.631	BB	0.030	17938.58	8.370
42	6.863		0.0000	0.000	8264.4	1.685	BB	0.026	5337.61	2.490
43	6.987		0.0000	0.000	1774.3	0.362	BB	0.022	1342.17	0.626
44	7.026		0.0000	0.000	31714.5	6.468	BB	0.036	14532.90	6.781
45	7.105		0.0000	0.000	8808.0	1.796	BB	0.029	5078.36	2.370
46	7.153		0.0000	0.000	1141.2	0.233	BB	0.022	880.35	0.411
47	7.226		0.0000	0.000	429.7	0.088	BB	0.024	299.75	0.140
48	7.288		0.0000	0.000	4457.6	0.909	BB	0.034	2212.72	1.032
49	7.375		0.0000	0.000	90556.6	18.468	BB	0.042	35604.65	16.613
50	7.708		0.0000	0.000	45877.4	9.356	BB	0.036	21171.32	9.878
51	7.805		0.0000	0.000	24961.7	5.091	BB	0.043	9685.67	4.519
52	8.058		0.0000	0.000	2250.1	0.459	BB	0.039	949.46	0.443
53	8.220		0.0000	0.000	14046.3	2.865	BB	0.048	4927.07	2.299
54	8.559		0.0000	0.000	29369.7	5.990	BB	0.043	11440.61	5.338
55	8.664		0.0000	0.000	1067.4	0.218	BB	0.036	496.35	0.232
56	9.047		0.0000	0.000	12630.6	2.576	BB	0.045	4644.79	2.167

Total Area = 490342.1, Total Amount = 0.022, Total Height = 214318.8, Sample Units = ug/l

ASXB4 1818

Sample Name: **AR6220824A AAAR622AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 06:04:13pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.25R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.114		0.0000	0.000	11.5	0.001	BB	0.005	38.26	0.009
2	2.146		0.0000	0.000	116.6	0.013	BB	0.024	82.20	0.019
3	2.163		0.0000	0.000	70.2	0.008	BB	0.014	85.07	0.020
4	2.280		0.0000	0.000	278.7	0.030	BB	0.037	125.84	0.030
5	2.363		0.0000	0.000	225.6	0.025	BB	0.024	155.48	0.037
6	2.430		0.0000	0.000	550.4	0.060	BB	0.121	75.97	0.018
7	2.597		0.0000	0.000	74.7	0.008	BB	0.019	65.00	0.015
8	2.631		0.0000	0.000	26.8	0.003	BB	0.008	57.53	0.014
9	2.663		0.0000	0.000	19.2	0.002	BB	0.006	56.45	0.013
10	2.680		0.0000	0.000	4515.9	0.493	BB	0.164	458.81	0.109
11	2.831		0.0000	0.000	14603.9	1.594	BB	0.099	2461.64	0.583
12	2.981		0.0000	0.000	407.9	0.045	BB	0.033	206.54	0.049
13	3.113		0.0000	0.000	382.2	0.042	BB	0.037	172.37	0.041
14	3.196		0.0000	0.000	159.5	0.017	BB	0.022	122.20	0.029
15	3.263		0.0000	0.000	15.2	0.002	BB	0.004	60.09	0.014
16	3.280		0.0000	0.000	67.8	0.007	BB	0.012	91.61	0.022
17	3.362		0.0000	0.000	902.6	0.099	BB	0.037	405.54	0.096
18	3.446		0.0000	0.000	108.4	0.012	BB	0.015	116.65	0.028
19	3.496		0.0000	0.000	113.0	0.012	BB	0.016	117.12	0.028
20	3.530		0.0000	0.000	86.3	0.009	BB	0.014	102.14	0.024
21	3.613		0.0000	0.000	38.4	0.004	BB	0.008	77.84	0.018
22	3.646		0.0000	0.000	20.0	0.002	BB	0.005	66.15	0.016
23	3.681		0.0000	0.000	121.0	0.013	BB	0.014	142.04	0.034
24	3.695		0.0000	0.000	245.4	0.027	BB	0.016	262.19	0.062
25	3.821		0.0000	0.000	9702.0	1.059	BB	0.066	2443.52	0.579
26	3.997		0.0000	0.000	31.7	0.003	BB	0.008	67.43	0.016
27	4.038		0.0000	0.000	1180.2	0.129	BB	0.037	528.66	0.125
28	4.123		0.0000	0.000	1853.6	0.202	BB	0.033	927.00	0.220
29	4.180		0.0000	0.000	862.2	0.094	BB	0.029	497.40	0.118
30	4.248		0.0000	0.000	2276.0	0.248	BB	0.035	1095.35	0.259
31	4.295		0.0000	0.000	230.7	0.025	BB	0.013	300.97	0.071
32	4.355		0.0000	0.000	500.6	0.055	BB	0.024	349.76	0.083
33	4.395		0.0000	0.000	336.7	0.037	BB	0.023	239.16	0.057
34	4.513		0.0000	0.000	39.2	0.004	BB	0.008	81.88	0.019
35	4.562		0.0000	0.000	3629.6	0.396	BB	0.060	1004.77	0.238
36	4.647		0.0000	0.000	24.6	0.003	BB	0.006	66.56	0.016
37	4.664		0.0000	0.000	36.7	0.004	BB	0.009	71.21	0.017
38	4.680		0.0000	0.000	43.4	0.005	BB	0.010	71.17	0.017
39	4.703		0.0000	0.000	587.0	0.064	BB	0.028	352.66	0.084
40	4.763		0.0000	0.000	179.8	0.020	BB	0.019	154.02	0.036
41	4.879		0.0000	0.000	163.1	0.018	BB	0.027	99.76	0.024
42	4.910		0.0000	0.000	9693.1	1.058	BB	0.037	4335.01	1.027
43	5.008		0.0000	0.000	406.8	0.044	BB	0.025	274.11	0.065
44	5.063		0.0000	0.000	12302.1	1.343	BB	0.042	4862.50	1.152
45	5.214		0.0000	0.000	39.8	0.004	BB	0.010	65.59	0.016
46	5.247		0.0000	0.000	89.8	0.010	BB	0.019	78.55	0.019
47	5.279		0.0000	0.000	1087.6	0.119	BB	0.033	541.71	0.128
48	5.362		0.0000	0.000	1551.5	0.169	BB	0.024	1078.64	0.255
49	5.430		0.0000	0.000	1622.0	0.177	BB	0.028	964.10	0.228
50	5.472		0.0000	0.000	37387.2	4.082	BB	0.047	13390.97	3.171
51	5.588		0.0000	0.000	52153.1	5.694	BB	0.037	23236.21	5.503
52	5.679		0.0000	0.000	251.0	0.027	BB	0.013	327.20	0.077
53	5.721		0.0000	0.000	4218.6	0.461	BB	0.027	2566.85	0.608
54	5.780		0.0000	0.000	60680.9	6.625	BB	0.037	27116.60	6.422
55	5.926		0.0000	0.000	66394.5	7.249	BB	0.039	28541.88	6.759
56	5.994		0.0000	0.000	2069.1	0.226	BB	0.020	1697.26	0.402
57	6.051		0.0000	0.000	7216.8	0.788	BB	0.023	5192.70	1.230
58	6.098		0.0000	0.000	15429.1	1.685	BB	0.024	10709.18	2.536
59	6.142		0.0000	0.000	40957.5	4.472	BB	0.026	25829.69	6.117
60	6.191		0.0000	0.000	12152.7	1.327	BB	0.024	8436.80	1.998
61	6.324		0.0000	0.000	12622.1	1.378	BB	0.030	6968.79	1.650
62	6.395		0.0000	0.000	70406.3	7.687	BB	0.036	32329.97	7.657

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.492		0.0000	0.000	30643.1	3.346	BB	0.037	13896.05	3.291
64	6.570		0.0000	0.000	3123.8	0.341	BB	0.022	2398.42	0.568
65	6.645		0.0000	0.000	138354.0	15.106	BB	0.038	61403.60	14.542
66	6.743		0.0000	0.000	5014.9	0.548	BB	0.027	3143.70	0.745
67	6.930		0.0000	0.000	40480.0	4.420	BB	0.029	23335.96	5.527
68	6.991		0.0000	0.000	89875.0	9.813	BB	0.035	43374.54	10.272
69	7.146		0.0000	0.000	32.8	0.004	BB	0.007	83.02	0.020
70	7.163		0.0000	0.000	39.5	0.004	BB	0.009	73.90	0.018
71	7.210		0.0000	0.000	3841.2	0.419	BB	0.031	2033.97	0.482
72	7.264		0.0000	0.000	211.2	0.023	BB	0.019	187.68	0.044
73	7.312		0.0000	0.000	2825.0	0.308	BB	0.033	1417.43	0.336
74	7.387		0.0000	0.000	20064.3	2.191	BB	0.036	9231.94	2.186
75	7.497		0.0000	0.000	26.3	0.003	BB	0.007	64.08	0.015
76	7.514		0.0000	0.000	28.7	0.003	BB	0.008	63.34	0.015
77	7.557		0.0000	0.000	65885.5	7.193	BB	0.042	25996.30	6.157
78	7.713		0.0000	0.000	145.0	0.016	BB	0.029	84.46	0.020
79	7.796		0.0000	0.000	70.3	0.008	BB	0.014	81.28	0.019
80	7.830		0.0000	0.000	16.1	0.002	BB	0.004	61.43	0.015
81	7.847		0.0000	0.000	40.4	0.004	BB	0.008	83.17	0.020
82	7.914		0.0000	0.000	25392.8	2.772	BB	0.039	10805.60	2.559
83	8.030		0.0000	0.000	22.3	0.002	BB	0.006	66.66	0.016
84	8.047		0.0000	0.000	31.4	0.003	BB	0.008	65.06	0.015
85	8.080		0.0000	0.000	115.0	0.013	BB	0.020	96.59	0.023
86	8.130		0.0000	0.000	35.8	0.004	BB	0.007	79.84	0.019
87	8.180		0.0000	0.000	64.8	0.007	BB	0.014	78.41	0.019
88	8.214		0.0000	0.000	24.8	0.003	BB	0.008	52.39	0.012
89	8.240	DCB	0.0417	100.000	342.3	0.037	BB	0.030	191.74	0.045
90	8.296		0.0000	0.000	38.8	0.004	BB	0.009	71.90	0.017
91	8.330		0.0000	0.000	74.3	0.008	BB	0.016	79.37	0.019
92	8.363		0.0000	0.000	63.1	0.007	BB	0.015	71.79	0.017
93	8.413		0.0000	0.000	93.7	0.010	BB	0.024	65.99	0.016
94	8.430		0.0000	0.000	23.6	0.003	BB	0.006	63.88	0.015
95	8.447		0.0000	0.000	29.0	0.003	BB	0.007	65.09	0.015
96	8.463		0.0000	0.000	41.0	0.004	BB	0.009	77.37	0.018
97	8.496		0.0000	0.000	30.6	0.003	BB	0.007	70.08	0.017
98	8.530		0.0000	0.000	72.4	0.008	BB	0.016	75.68	0.018
99	8.563		0.0000	0.000	88.6	0.010	BB	0.016	90.11	0.021
100	8.597		0.0000	0.000	28.4	0.003	BB	0.006	77.49	0.018
101	8.613		0.0000	0.000	70.1	0.008	BB	0.014	81.75	0.019
102	8.663		0.0000	0.000	41.9	0.005	BB	0.009	76.10	0.018
103	8.713		0.0000	0.000	124.6	0.014	BB	0.029	71.48	0.017
104	8.747		0.0000	0.000	30.6	0.003	BB	0.008	63.20	0.015
105	8.763		0.0000	0.000	29.7	0.003	BB	0.008	65.87	0.016
106	8.796		0.0000	0.000	70.8	0.008	BB	0.015	76.46	0.018
107	8.830		0.0000	0.000	73.4	0.008	BB	0.018	68.87	0.016
108	8.846		0.0000	0.000	31.8	0.003	BB	0.008	66.67	0.016
109	8.880		0.0000	0.000	83.8	0.009	BB	0.017	84.01	0.020
110	8.913		0.0000	0.000	30.5	0.003	BB	0.007	73.76	0.017
111	8.946		0.0000	0.000	54.2	0.006	BB	0.013	67.44	0.016
112	8.997		0.0000	0.000	46.0	0.005	BB	0.011	70.63	0.017
113	9.030		0.0000	0.000	48.2	0.005	BB	0.012	68.80	0.016
114	9.063		0.0000	0.000	75.1	0.008	BB	0.016	77.53	0.018
115	9.113		0.0000	0.000	90.4	0.010	BB	0.022	69.44	0.016
116	9.130		0.0000	0.000	30.3	0.003	BB	0.007	74.57	0.018
117	9.164		0.0000	0.000	30.4	0.003	BB	0.008	64.21	0.015
118	9.180		0.0000	0.000	39.8	0.004	BB	0.010	65.21	0.015
119	9.213		0.0000	0.000	86.3	0.009	BB	0.019	75.91	0.018
120	9.230		0.0000	0.000	27.2	0.003	BB	0.006	70.51	0.017
121	9.263		0.0000	0.000	32.1	0.004	BB	0.008	67.00	0.016
122	9.296		0.0000	0.000	63.3	0.007	BB	0.014	74.90	0.018
123	9.330		0.0000	0.000	64.9	0.007	BB	0.016	68.55	0.016
124	9.363		0.0000	0.000	65.1	0.007	BB	0.013	83.20	0.020
125	9.396		0.0000	0.000	28.3	0.003	BB	0.007	66.63	0.016
126	9.413		0.0000	0.000	27.6	0.003	BB	0.007	69.60	0.016
127	9.430		0.0000	0.000	32.7	0.004	BB	0.007	78.19	0.019
128	9.463		0.0000	0.000	65.1	0.007	BB	0.015	72.68	0.017
129	9.496		0.0000	0.000	59.9	0.007	BB	0.013	77.16	0.018
130	9.530		0.0000	0.000	63.0	0.007	BB	0.013	81.62	0.019
131	9.546		0.0000	0.000	88.6	0.010	BB	0.016	93.12	0.022
132	9.597		0.0000	0.000	31.5	0.003	BB	0.007	76.42	0.018

6SX0451012

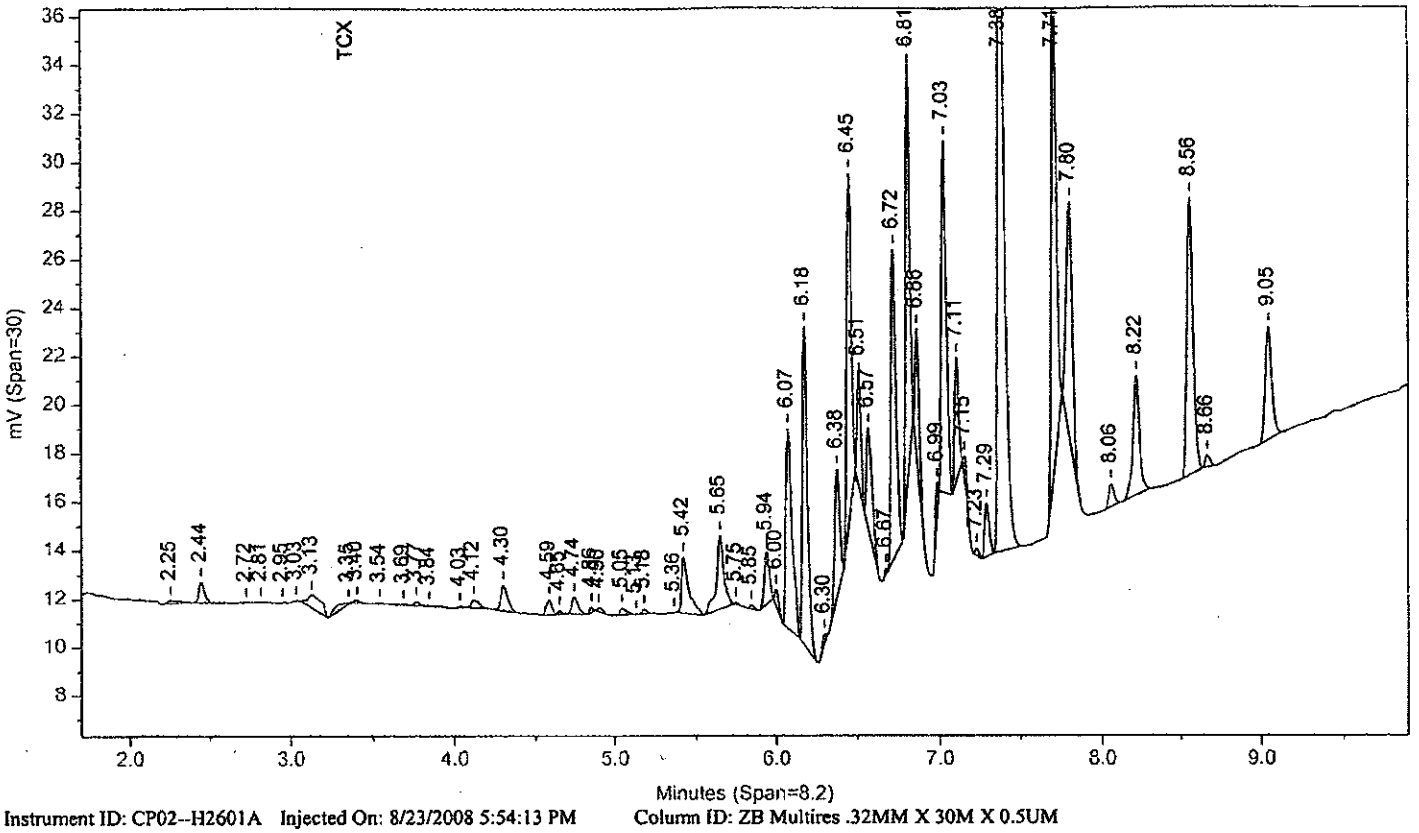
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.614		0.0000	0.000	35.2	0.004	BB	0.009	68.57	0.016
134	9.630		0.0000	0.000	31.6	0.003	BB	0.008	67.07	0.016
135	9.646		0.0000	0.000	41.1	0.004	BB	0.008	87.88	0.021
136	9.680		0.0000	0.000	31.1	0.003	BB	0.008	68.06	0.016
137	9.713		0.0000	0.000	6705.7	0.732	BB	0.254	440.17	0.104
138	9.930		0.0000	0.000	26423.0	2.885	BB	0.059	7421.89	1.758

Total Area = 915904.2, Total Amount = 0.042, Total Height = 422254.7, Sample Units = ug/l

6SX84 1013

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.25R

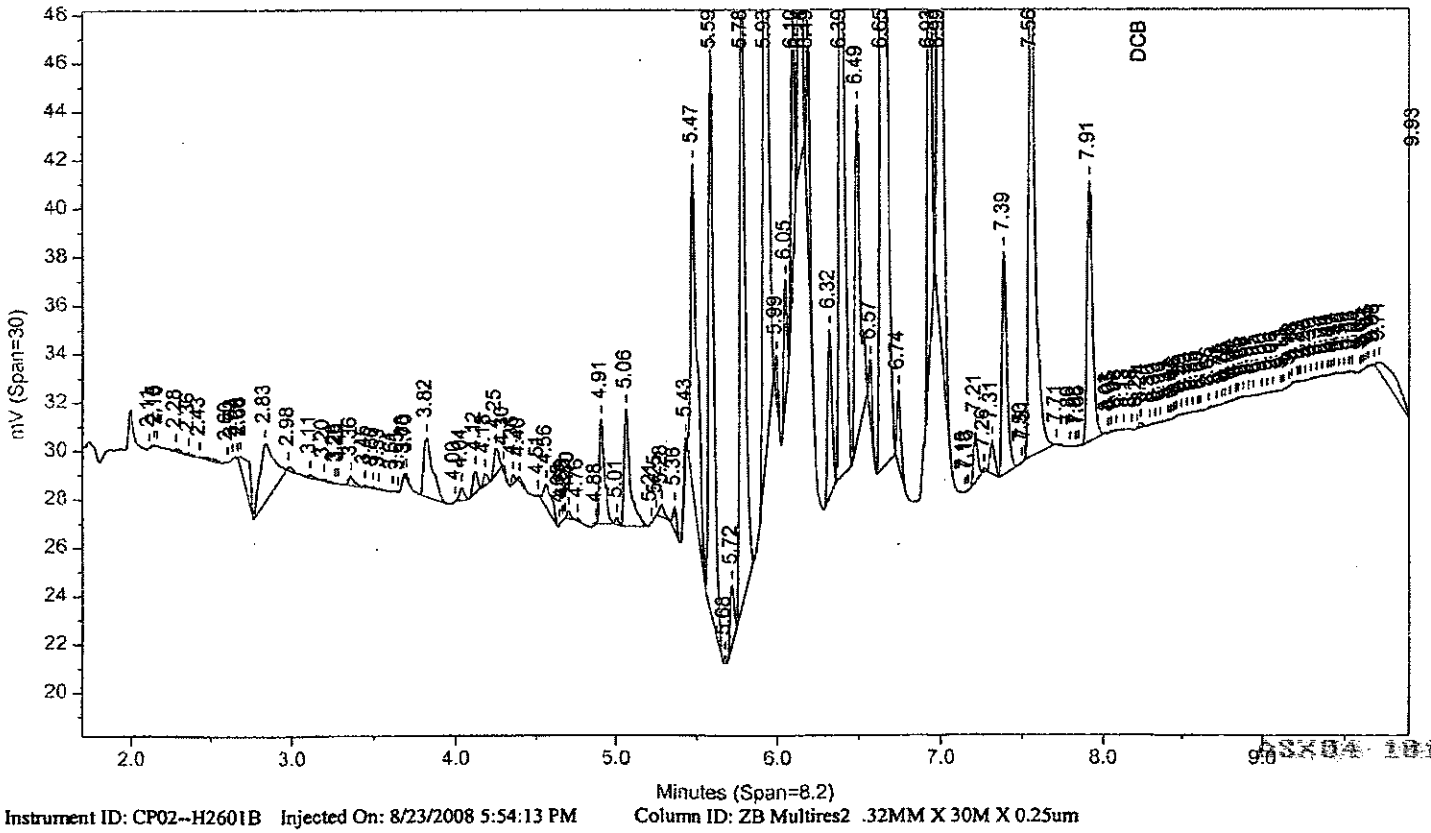
C:\CPWIN\DATA1\1P2235.25R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 5:54:13 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.25R

C:\CPWIN\DATA1\1P2235B.25R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 5:54:13 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

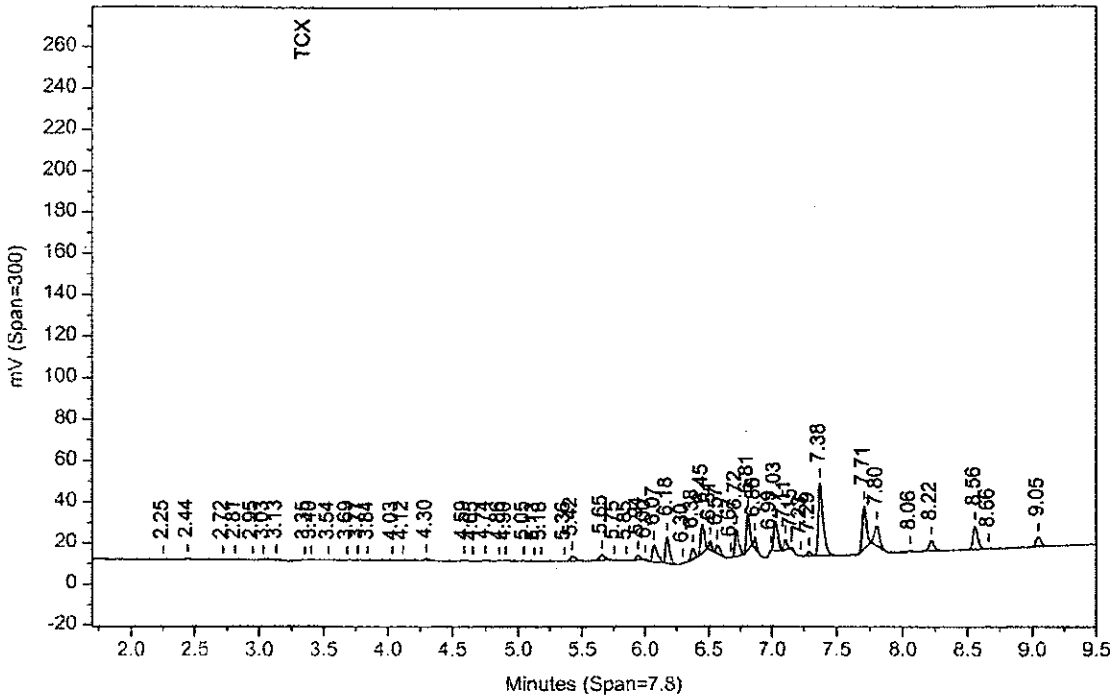
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	69	.0217	TCX	.	0	.	TCX
.	0	.	DCB	8.24	192	.04169	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.25A
Area File: C:\CPWIN\DATA1\1P2235B.25A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:36:56 AM
File Reported On: 8/25/2008 at 11:37:04 AM

10X REPLOTS

ASX04 1815

C:\CPWIN\DATA1\1P2235.25R



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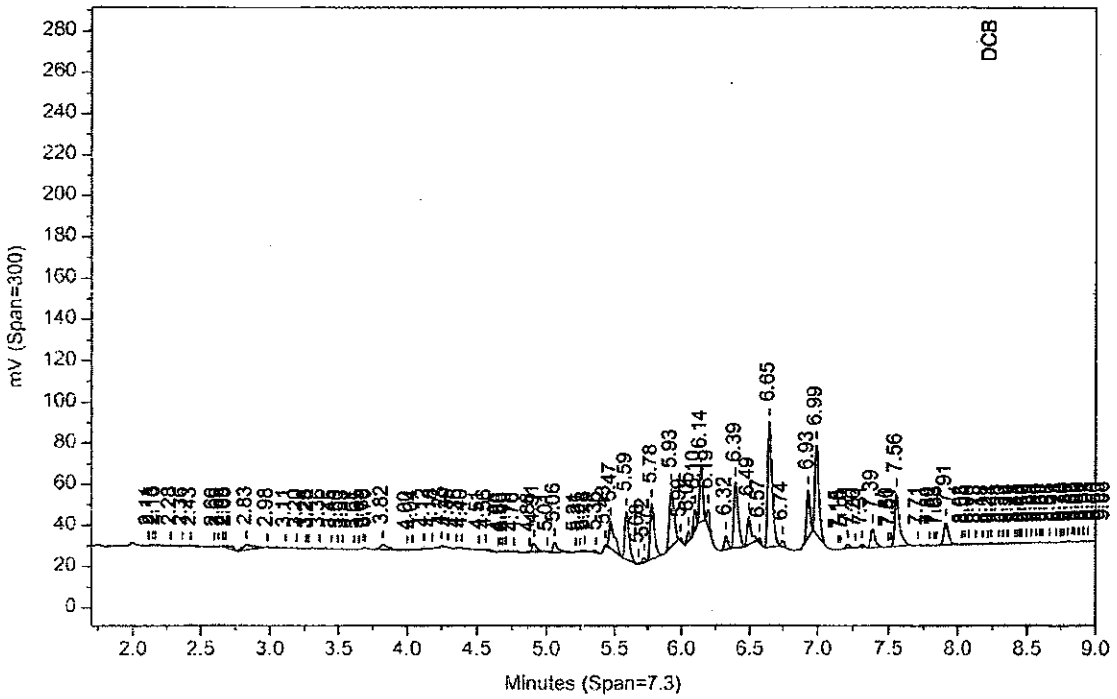

ASX84 1816

ASX84 1817

Sample Name: **AR6230824A AAAR623AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 06:18:39pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.26R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	43.1	0.004	BB	0.024	29.55	0.007
2	2.158		0.0000	0.000	195.0	0.020	BB	0.031	104.86	0.025
3	2.301		0.0000	0.000	1853.3	0.192	BB	0.084	369.27	0.089
4	2.443		0.0000	0.000	2354.9	0.244	BB	0.038	1028.54	0.247
5	2.640		0.0000	0.000	52.0	0.005	BB	0.056	15.57	0.004
6	2.718		0.0000	0.000	43.0	0.004	BB	0.027	26.45	0.006
7	2.773		0.0000	0.000	571.8	0.059	BB	0.060	159.07	0.038
8	2.945		0.0000	0.000	963.1	0.100	BB	0.041	389.80	0.094
9	3.072		0.0000	0.000	246.5	0.026	BB	0.048	85.28	0.021
10	3.125		0.0000	0.000	4023.3	0.417	BB	0.104	643.34	0.155
11	3.402		0.0000	0.000	6258.0	0.649	BB	0.235	443.83	0.107
12	3.531		0.0000	0.000	198.9	0.021	BB	0.058	56.70	0.014
13	3.686		0.0000	0.000	87.8	0.009	BB	0.028	52.23	0.013
14	3.764		0.0000	0.000	770.3	0.080	BB	0.035	362.29	0.087
15	3.839		0.0000	0.000	66.3	0.007	BB	0.024	46.76	0.011
16	3.912		0.0000	0.000	84.3	0.009	BB	0.025	55.20	0.013
17	4.116		0.0000	0.000	2753.4	0.286	BB	0.070	655.35	0.158
18	4.248		0.0000	0.000	35.3	0.004	BB	0.019	31.70	0.008
19	4.300		0.0000	0.000	2448.1	0.254	BB	0.043	942.13	0.227
20	4.400		0.0000	0.000	655.2	0.068	BB	0.036	305.14	0.073
21	4.493		0.0000	0.000	213.7	0.022	BB	0.034	103.29	0.025
22	4.587		0.0000	0.000	2662.2	0.276	BB	0.040	1097.19	0.264
23	4.650		0.0000	0.000	700.7	0.073	BB	0.030	393.69	0.095
24	4.743		0.0000	0.000	1717.4	0.178	BB	0.040	714.74	0.172
25	4.855		0.0000	0.000	705.2	0.073	BB	0.025	474.91	0.114
26	4.897		0.0000	0.000	564.3	0.059	BB	0.046	205.12	0.049
27	5.045		0.0000	0.000	1292.2	0.134	BB	0.043	495.29	0.119
28	5.128		0.0000	0.000	65.0	0.007	BB	0.020	55.49	0.013
29	5.179		0.0000	0.000	679.1	0.070	BB	0.031	362.27	0.087
30	5.236		0.0000	0.000	69.5	0.007	BB	0.022	52.80	0.013
31	5.326		0.0000	0.000	75.8	0.008	BB	0.039	32.01	0.008
32	5.421		0.0000	0.000	13040.5	1.353	BB	0.050	4322.18	1.040
33	5.649		0.0000	0.000	16897.5	1.753	BB	0.050	5651.30	1.360
34	5.750		0.0000	0.000	133.0	0.014	BB	0.022	101.51	0.024
35	5.845		0.0000	0.000	527.6	0.055	BB	0.033	266.48	0.064
36	5.939		0.0000	0.000	9387.3	0.974	BB	0.038	4162.73	1.002
37	6.000		0.0000	0.000	2238.6	0.232	BB	0.026	1446.52	0.348
38	6.070		0.0000	0.000	43833.9	4.547	BB	0.046	15723.77	3.783
39	6.175		0.0000	0.000	56350.8	5.845	BB	0.038	24954.63	6.004
40	6.298		0.0000	0.000	1971.7	0.205	BB	0.031	1069.46	0.257
41	6.376		0.0000	0.000	13714.4	1.423	BB	0.035	6593.13	1.586
42	6.447		0.0000	0.000	56154.2	5.825	BB	0.034	27149.16	6.532
43	6.508		0.0000	0.000	13399.0	1.390	BB	0.026	8621.67	2.074
44	6.564		0.0000	0.000	19258.6	1.998	BB	0.039	8191.76	1.971
45	6.670		0.0000	0.000	720.4	0.075	BB	0.021	581.56	0.140
46	6.716		0.0000	0.000	53007.7	5.498	BB	0.036	24824.09	5.973
47	6.804		0.0000	0.000	59927.6	6.216	BB	0.030	33590.83	8.082
48	6.859		0.0000	0.000	16066.4	1.666	BB	0.026	10446.47	2.513
49	6.987		0.0000	0.000	2902.8	0.301	BB	0.026	1842.42	0.443
50	7.022		0.0000	0.000	62036.8	6.435	BB	0.037	28264.14	6.800
51	7.103		0.0000	0.000	17348.4	1.799	BB	0.029	10086.16	2.427
52	7.153		0.0000	0.000	2280.7	0.237	BB	0.021	1808.54	0.435
53	7.223		0.0000	0.000	689.6	0.072	BB	0.022	521.98	0.126
54	7.288		0.0000	0.000	8951.5	0.928	BB	0.034	4391.26	1.057
55	7.371		0.0000	0.000	179296.3	18.598	BB	0.043	68990.51	16.599
56	7.706		0.0000	0.000	89926.9	9.328	BB	0.036	41849.63	10.069
57	7.806		0.0000	0.000	49504.1	5.135	BB	0.042	19484.42	4.688
58	8.058		0.0000	0.000	4849.2	0.503	BB	0.042	1931.03	0.465
59	8.219		0.0000	0.000	28843.2	2.992	BB	0.048	9969.36	2.399
60	8.563		0.0000	0.000	58776.8	6.097	BB	0.044	22509.25	5.416
61	8.663		0.0000	0.000	1640.7	0.170	BB	0.032	854.53	0.206
62	9.048		0.0000	0.000	25702.6	2.666	BB	0.047	9050.67	2.178

ASX84 1018

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.450 DCB		0.0766	100.000	494.0	0.051	BB	0.047	175.02	0.042
64	9.921		0.0000	0.000	21765.0	2.258	BB	0.056	6422.86	1.545

Total Area = 964086.6, Total Amount = 0.077, Total Height = 415638.9, Sample Units = ug/l

ASX84 1919

Sample Name: **AR6230824A AAAR623AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 06:18:39pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.26R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.099		0.0000	0.000	35.4	0.002	BB	0.008	74.44	0.010
2	2.117		0.0000	0.000	25.3	0.002	BB	0.006	65.67	0.009
3	2.133		0.0000	0.000	143.0	0.009	BB	0.018	132.50	0.018
4	2.216		0.0000	0.000	1392.6	0.087	BB	0.045	512.49	0.068
5	2.350		0.0000	0.000	307.0	0.019	BB	0.030	172.00	0.023
6	2.450		0.0000	0.000	44.2	0.003	BB	0.008	90.35	0.012
7	2.482		0.0000	0.000	41.4	0.003	BB	0.009	76.15	0.010
8	2.516		0.0000	0.000	24.4	0.002	BB	0.006	66.53	0.009
9	2.532		0.0000	0.000	209.0	0.013	BB	0.018	196.76	0.026
10	2.583		0.0000	0.000	54.6	0.003	BB	0.010	88.84	0.012
11	2.600		0.0000	0.000	32.9	0.002	BB	0.010	55.59	0.007
12	2.650		0.0000	0.000	399.5	0.025	BB	0.060	110.16	0.015
13	2.666		0.0000	0.000	257.2	0.016	BB	0.018	241.70	0.032
14	2.727		0.0000	0.000	4926.6	0.307	BB	0.028	2972.21	0.394
15	2.834		0.0000	0.000	17162.4	1.069	BB	0.082	3482.94	0.462
16	2.932	TCX	0.0218	13.818	95.0	0.006	BB	0.014	116.19	0.015
17	2.983		0.0000	0.000	579.0	0.036	BB	0.035	277.74	0.037
18	3.116		0.0000	0.000	410.2	0.026	BB	0.031	221.10	0.029
19	3.183		0.0000	0.000	326.4	0.020	BB	0.033	166.50	0.022
20	3.282		0.0000	0.000	210.4	0.013	BB	0.022	158.42	0.021
21	3.333		0.0000	0.000	48.0	0.003	BB	0.017	47.49	0.006
22	3.358		0.0000	0.000	1758.8	0.110	BB	0.040	732.26	0.097
23	3.433		0.0000	0.000	190.1	0.012	BB	0.028	113.23	0.015
24	3.483		0.0000	0.000	24.0	0.001	BB	0.007	60.66	0.008
25	3.499		0.0000	0.000	54.6	0.003	BB	0.010	95.62	0.013
26	3.533		0.0000	0.000	147.1	0.009	BB	0.015	164.13	0.022
27	3.566		0.0000	0.000	63.7	0.004	BB	0.013	81.85	0.011
28	3.616		0.0000	0.000	137.8	0.009	BB	0.019	119.46	0.016
29	3.650		0.0000	0.000	30.4	0.002	BB	0.008	60.76	0.008
30	3.684		0.0000	0.000	4131.0	0.257	BB	0.050	1372.11	0.182
31	3.817		0.0000	0.000	2452.7	0.153	BB	0.037	1100.88	0.146
32	3.873		0.0000	0.000	1304.2	0.081	BB	0.033	667.50	0.088
33	3.949		0.0000	0.000	908.5	0.057	BB	0.028	547.55	0.073
34	4.000		0.0000	0.000	59.3	0.004	BB	0.010	96.64	0.013
35	4.033		0.0000	0.000	652.2	0.041	BB	0.027	406.35	0.054
36	4.120		0.0000	0.000	4117.3	0.256	BB	0.034	2024.52	0.268
37	4.182		0.0000	0.000	1509.4	0.094	BB	0.029	878.22	0.116
38	4.249		0.0000	0.000	1253.0	0.078	BB	0.031	667.98	0.089
39	4.295		0.0000	0.000	814.3	0.051	BB	0.022	605.43	0.080
40	4.354		0.0000	0.000	1020.1	0.064	BB	0.023	729.34	0.097
41	4.390		0.0000	0.000	914.5	0.057	BB	0.033	464.82	0.062
42	4.500		0.0000	0.000	86.3	0.005	BB	0.013	106.63	0.014
43	4.558		0.0000	0.000	4739.3	0.295	BB	0.057	1397.41	0.185
44	4.667		0.0000	0.000	38.1	0.002	BB	0.007	85.34	0.011
45	4.700		0.0000	0.000	1344.0	0.084	BB	0.029	770.40	0.102
46	4.766		0.0000	0.000	195.4	0.012	BB	0.016	208.37	0.028
47	4.833		0.0000	0.000	75.0	0.005	BB	0.013	94.11	0.012
48	4.868		0.0000	0.000	223.4	0.014	BB	0.015	249.96	0.033
49	4.909		0.0000	0.000	18703.1	1.165	BB	0.038	8137.62	1.079
50	5.001		0.0000	0.000	624.4	0.039	BB	0.023	454.91	0.060
51	5.062		0.0000	0.000	23906.2	1.489	BB	0.045	8926.04	1.183
52	5.217		0.0000	0.000	46.0	0.003	BB	0.010	79.56	0.011
53	5.234		0.0000	0.000	55.4	0.003	BB	0.011	83.46	0.011
54	5.250		0.0000	0.000	47.5	0.003	BB	0.010	77.35	0.010
55	5.278		0.0000	0.000	1630.3	0.102	BB	0.034	802.82	0.106
56	5.359		0.0000	0.000	2831.3	0.176	BB	0.025	1884.68	0.250
57	5.431		0.0000	0.000	3454.7	0.215	BB	0.035	1649.88	0.219
58	5.470		0.0000	0.000	68655.7	4.276	BB	0.047	24162.00	3.202
59	5.584		0.0000	0.000	96905.4	6.036	BB	0.038	42032.18	5.571
60	5.677		0.0000	0.000	485.7	0.030	BB	0.015	541.22	0.072
61	5.718		0.0000	0.000	8046.6	0.501	BB	0.026	5098.98	0.676
62	5.777		0.0000	0.000	114926.5	7.158	BB	0.039	49574.29	6.570

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.924		0.0000	0.000	108931.9	6.785	BB	0.037	49088.85	6.506
64	5.992		0.0000	0.000	4480.2	0.279	BB	0.020	3663.24	0.486
65	6.049		0.0000	0.000	12251.3	0.763	BB	0.023	8951.38	1.186
66	6.095		0.0000	0.000	29299.0	1.825	BB	0.024	20088.33	2.662
67	6.140		0.0000	0.000	71056.9	4.426	BB	0.026	44731.04	5.928
68	6.188		0.0000	0.000	22740.7	1.416	BB	0.024	15524.23	2.058
69	6.323		0.0000	0.000	23504.1	1.464	BB	0.030	12892.13	1.709
70	6.392		0.0000	0.000	131404.5	8.185	BB	0.037	59441.27	7.878
71	6.489		0.0000	0.000	39644.1	2.469	BB	0.029	22958.56	3.043
72	6.531		0.0000	0.000	2032.0	0.127	BB	0.015	2308.81	0.306
73	6.567		0.0000	0.000	5692.2	0.355	BB	0.021	4440.09	0.588
74	6.641		0.0000	0.000	262129.2	16.327	BB	0.038	113823.10	15.086
75	6.741		0.0000	0.000	9593.3	0.598	BB	0.027	5840.41	0.774
76	6.928		0.0000	0.000	72129.0	4.493	BB	0.028	42433.42	5.624
77	6.989		0.0000	0.000	170444.7	10.616	BB	0.036	79210.58	10.498
78	7.167		0.0000	0.000	24.8	0.002	BB	0.006	74.20	0.010
79	7.209		0.0000	0.000	7398.5	0.461	BB	0.032	3842.31	0.509
80	7.266		0.0000	0.000	280.6	0.017	BB	0.014	335.58	0.044
81	7.311		0.0000	0.000	5081.4	0.317	BB	0.033	2565.19	0.340
82	7.386		0.0000	0.000	40223.6	2.505	BB	0.037	18310.21	2.427
83	7.484		0.0000	0.000	22.8	0.001	BB	0.006	61.43	0.008
84	7.500		0.0000	0.000	28.4	0.002	BB	0.007	67.93	0.009
85	7.557		0.0000	0.000	125133.4	7.794	BB	0.042	49326.09	6.537
86	7.699		0.0000	0.000	91.1	0.006	BB	0.013	120.50	0.016
87	7.783		0.0000	0.000	20.4	0.001	BB	0.005	64.86	0.009
88	7.800		0.0000	0.000	146.4	0.009	BB	0.018	133.36	0.018
89	7.867		0.0000	0.000	21.2	0.001	BB	0.006	60.91	0.008
90	7.915		0.0000	0.000	48854.2	3.043	BB	0.040	20464.52	2.712
91	8.033		0.0000	0.000	26.3	0.002	BB	0.005	84.07	0.011
92	8.050		0.0000	0.000	82.2	0.005	BB	0.015	91.78	0.012
93	8.083		0.0000	0.000	100.1	0.006	BB	0.017	99.81	0.013
94	8.183		0.0000	0.000	24.9	0.002	BB	0.005	80.42	0.011
95	8.234	DCB	0.1360	86.182	1376.4	0.086	BB	0.037	625.64	0.083
96	8.300		0.0000	0.000	22.5	0.001	BB	0.006	64.83	0.009
97	8.317		0.0000	0.000	43.1	0.003	BB	0.008	86.22	0.011
98	8.333		0.0000	0.000	319.2	0.020	BB	0.023	235.72	0.031
99	8.383		0.0000	0.000	32.5	0.002	BB	0.006	85.06	0.011
100	8.400		0.0000	0.000	31.0	0.002	BB	0.007	70.37	0.009
101	8.417		0.0000	0.000	38.2	0.002	BB	0.008	76.70	0.010
102	8.433		0.0000	0.000	31.3	0.002	BB	0.007	75.18	0.010
103	8.450		0.0000	0.000	36.6	0.002	BB	0.008	76.85	0.010
104	8.466		0.0000	0.000	32.8	0.002	BB	0.007	78.02	0.010
105	8.483		0.0000	0.000	34.6	0.002	BB	0.007	87.39	0.012
106	8.500		0.0000	0.000	29.0	0.002	BB	0.007	69.28	0.009
107	8.550		0.0000	0.000	39.2	0.002	BB	0.010	64.83	0.009
108	8.566		0.0000	0.000	29.6	0.002	BB	0.007	74.63	0.010
109	8.600		0.0000	0.000	32.7	0.002	BB	0.008	69.69	0.009
110	8.616		0.0000	0.000	102.2	0.006	BB	0.015	116.20	0.015
111	8.666		0.0000	0.000	69.6	0.004	BB	0.013	89.98	0.012
112	8.683		0.0000	0.000	39.6	0.002	BB	0.007	89.21	0.012
113	8.717		0.0000	0.000	37.0	0.002	BB	0.007	82.36	0.011
114	8.750		0.0000	0.000	33.0	0.002	BB	0.007	74.29	0.010
115	8.766		0.0000	0.000	37.8	0.002	BB	0.007	84.09	0.011
116	8.800		0.0000	0.000	84.6	0.005	BB	0.018	79.76	0.011
117	8.817		0.0000	0.000	34.4	0.002	BB	0.007	78.78	0.010
118	8.833		0.0000	0.000	929.8	0.058	BB	0.071	217.22	0.029
119	8.934		0.0000	0.000	157.7	0.010	BB	0.024	108.22	0.014
120	8.950		0.0000	0.000	61.5	0.004	BB	0.011	93.41	0.012
121	8.967		0.0000	0.000	37.7	0.002	BB	0.008	82.09	0.011
122	8.983		0.0000	0.000	37.2	0.002	BB	0.007	90.66	0.012
123	8.999		0.0000	0.000	27.8	0.002	BB	0.006	76.21	0.010
124	9.033		0.0000	0.000	25.5	0.002	BB	0.006	77.25	0.010
125	9.066		0.0000	0.000	68.4	0.004	BB	0.014	82.96	0.011
126	9.083		0.0000	0.000	33.5	0.002	BB	0.008	73.78	0.010
127	9.117		0.0000	0.000	52.7	0.003	BB	0.013	69.08	0.009
128	9.133		0.0000	0.000	30.2	0.002	BB	0.007	72.89	0.010
129	9.150		0.0000	0.000	33.6	0.002	BB	0.007	76.45	0.010
130	9.167		0.0000	0.000	33.0	0.002	BB	0.008	68.68	0.009
131	9.183		0.0000	0.000	29.7	0.002	BB	0.006	76.30	0.010
132	9.216		0.0000	0.000	84.3	0.005	BB	0.016	87.39	0.012

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.233		0.0000	0.000	29.9	0.002	BB	0.006	79.14	0.010
134	9.267		0.0000	0.000	27.6	0.002	BB	0.005	85.56	0.011
135	9.300		0.0000	0.000	25.0	0.002	BB	0.006	69.74	0.009
136	9.333		0.0000	0.000	64.5	0.004	BB	0.012	88.80	0.012
137	9.366		0.0000	0.000	74.3	0.005	BB	0.016	76.27	0.010
138	9.383		0.0000	0.000	37.2	0.002	BB	0.008	81.98	0.011
139	9.417		0.0000	0.000	28.7	0.002	BB	0.007	65.81	0.009
140	9.433		0.0000	0.000	27.7	0.002	BB	0.006	77.73	0.010
141	9.450		0.0000	0.000	26.5	0.002	BB	0.005	88.47	0.012
142	9.500		0.0000	0.000	60.3	0.004	BB	0.014	73.11	0.010
143	9.517		0.0000	0.000	31.2	0.002	BB	0.007	79.19	0.010
144	9.533		0.0000	0.000	28.9	0.002	BB	0.006	76.71	0.010
145	9.549		0.0000	0.000	76.5	0.005	BB	0.014	90.36	0.012
146	9.600		0.0000	0.000	21.7	0.001	BB	0.005	67.10	0.009
147	9.633		0.0000	0.000	23.2	0.001	BB	0.006	59.62	0.008
148	9.667		0.0000	0.000	38.3	0.002	BB	0.008	84.21	0.011
149	9.700		0.0000	0.000	30.6	0.002	BB	0.006	78.93	0.010
150	9.716		0.0000	0.000	4319.5	0.269	BB	0.300	239.67	0.032
151	9.933		0.0000	0.000	8013.7	0.499	BB	0.127	1054.47	0.140
152	9.950		0.0000	0.000	106.4	0.007	BB	0.017	103.74	0.014

Total Area = 1605483.0, Total Amount = 0.158, Total Height = 754518.9, Sample Units = ug/l

ASX04-1822

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.26R

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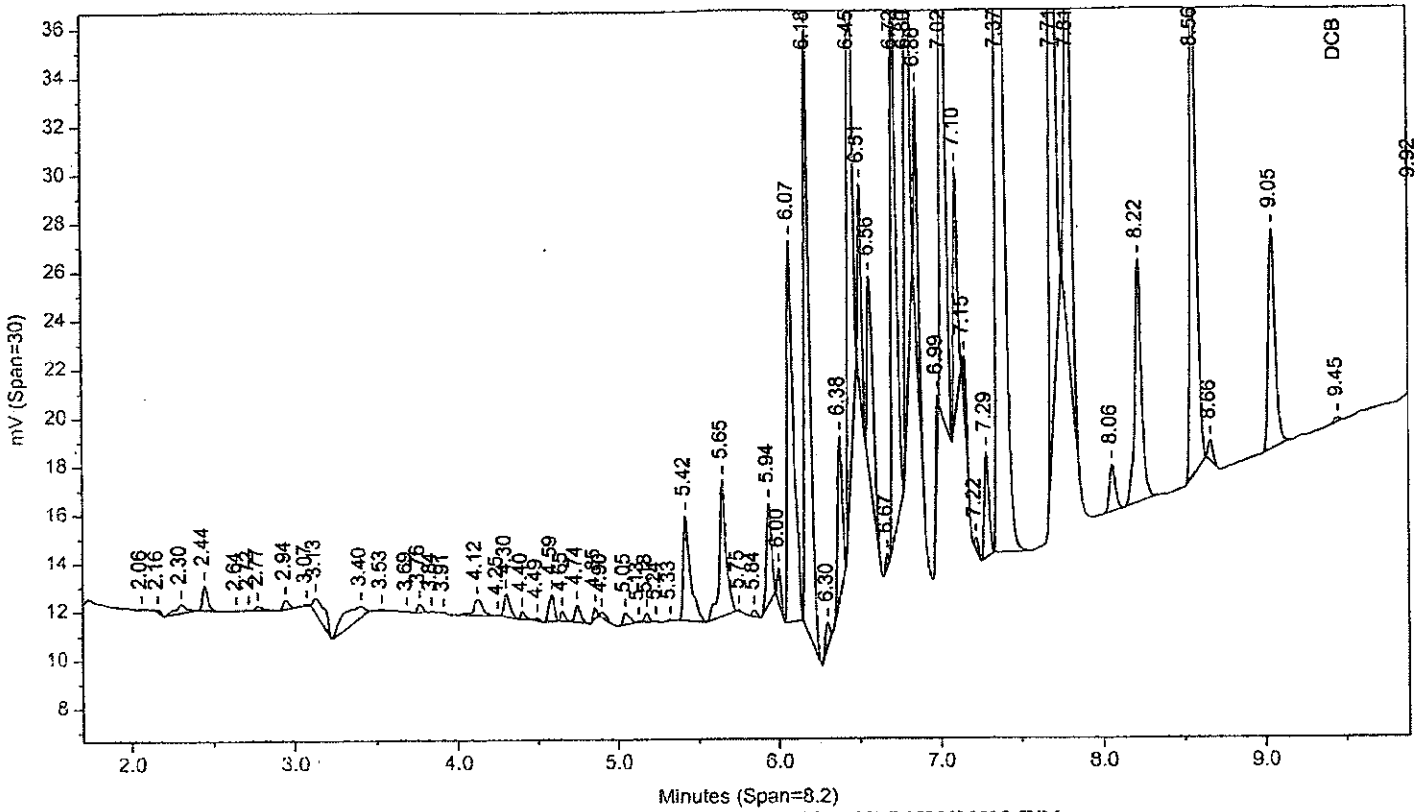

Instrument ID: CP02--H2601A Injected On: 8/23/2008 6:08:39 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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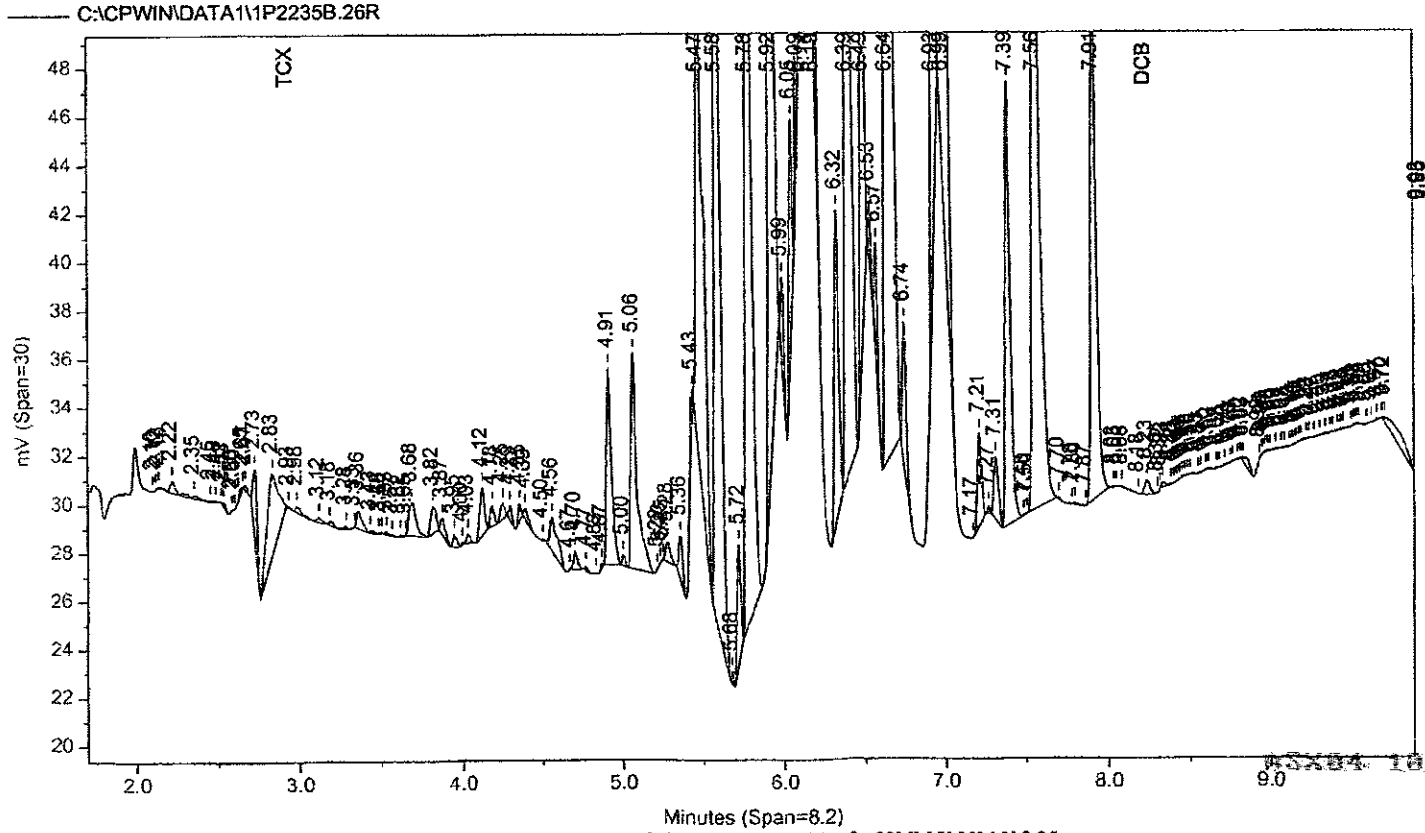


Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:08:39 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

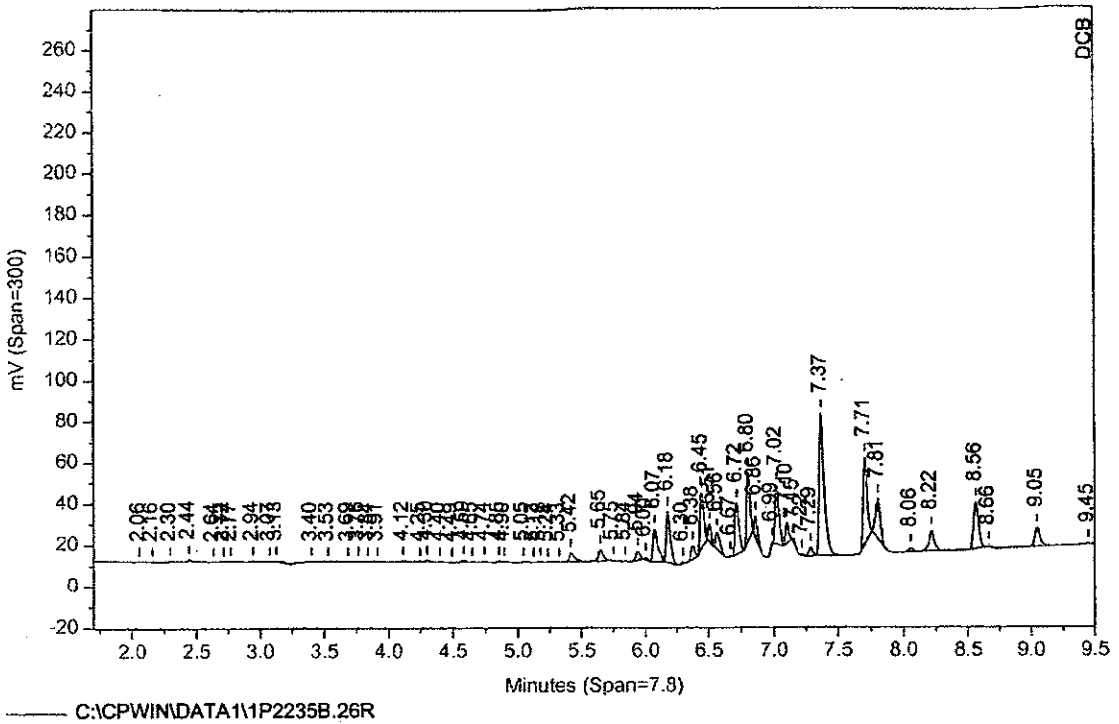
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.932	116	.02181	TCX
9.45	175	.07655	DCB	8.234	626	.13603	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.26A
Area File: C:\CPWIN\DATA1\1P2235B.26A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:37:16 AM
File Reported On: 8/25/2008 at 11:37:24 AM

10X REPLOTS

ASXB4. 1024

C:\CPWIN\DATA1\1P2235.26R



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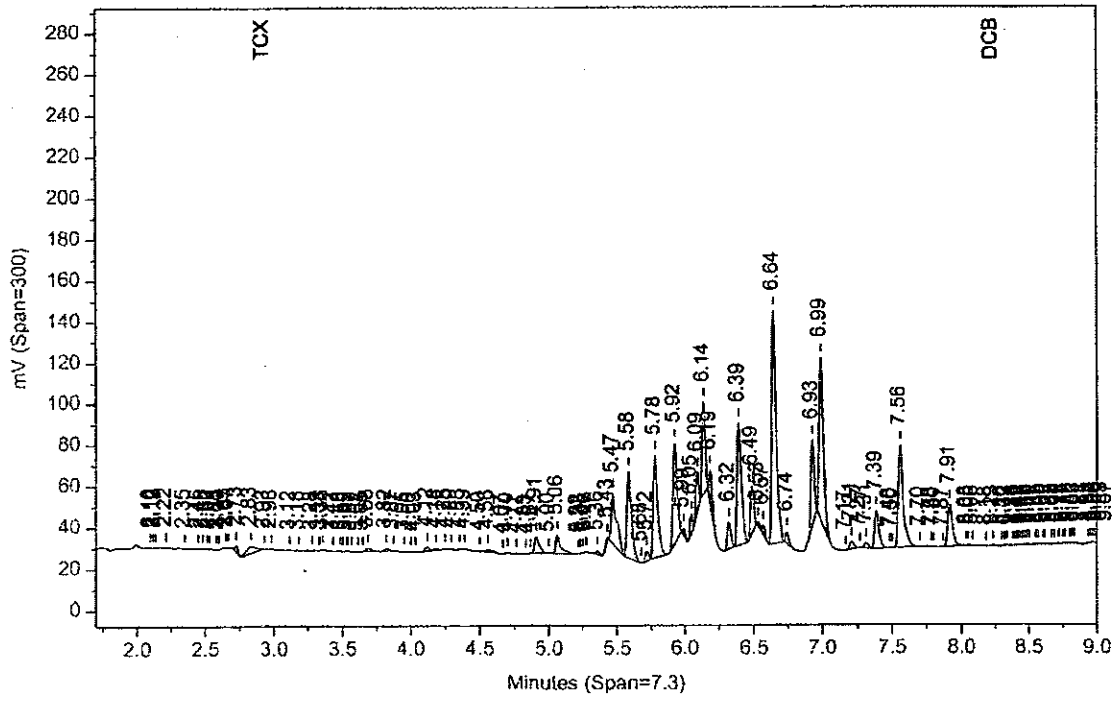

ASX84 1825

Sample Name: **AR6240824A AAAR624AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 06:33:04pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.27R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.054		0.0000	0.000	63.7	0.003	BB	0.031	34.56	0.004
2	2.158		0.0000	0.000	699.0	0.034	BB	0.041	284.92	0.032
3	2.301		0.0000	0.000	2780.3	0.133	BB	0.097	477.93	0.053
4	2.441		0.0000	0.000	2484.1	0.119	BB	0.039	1053.57	0.117
5	2.720		0.0000	0.000	100.4	0.005	BB	0.048	34.78	0.004
6	2.801		0.0000	0.000	301.9	0.014	BB	0.067	74.77	0.008
7	2.888		0.0000	0.000	37.0	0.002	BB	0.025	24.45	0.003
8	2.938		0.0000	0.000	74.7	0.004	BB	0.031	39.87	0.004
9	3.033		0.0000	0.000	284.3	0.014	BB	0.034	138.58	0.015
10	3.073		0.0000	0.000	57.7	0.003	BB	0.023	41.86	0.005
11	3.121		0.0000	0.000	2373.9	0.114	BB	0.103	384.18	0.043
12	3.355	TCX	0.0383	17.628	1839.6	0.088	BB	0.251	122.22	0.014
13	3.401		0.0000	0.000	282.9	0.014	BB	0.040	116.74	0.013
14	3.497		0.0000	0.000	28.8	0.001	BB	0.025	19.44	0.002
15	3.541		0.0000	0.000	76.1	0.004	BB	0.027	46.58	0.005
16	3.595		0.0000	0.000	148.9	0.007	BB	0.035	71.77	0.008
17	3.686		0.0000	0.000	242.1	0.012	BB	0.031	130.21	0.014
18	3.762		0.0000	0.000	1725.6	0.083	BB	0.035	810.57	0.090
19	3.836		0.0000	0.000	104.2	0.005	BB	0.033	52.60	0.006
20	3.916		0.0000	0.000	232.4	0.011	BB	0.032	120.55	0.013
21	4.025		0.0000	0.000	195.5	0.009	BB	0.030	107.78	0.012
22	4.115		0.0000	0.000	5026.1	0.241	BB	0.061	1371.63	0.152
23	4.248		0.0000	0.000	82.3	0.004	BB	0.020	68.05	0.008
24	4.299		0.0000	0.000	3972.4	0.190	BB	0.040	1635.34	0.182
25	4.423		0.0000	0.000	78.0	0.004	BB	0.038	34.38	0.004
26	4.497		0.0000	0.000	798.1	0.038	BB	0.043	312.06	0.035
27	4.588		0.0000	0.000	5839.0	0.280	BB	0.039	2519.68	0.280
28	4.650		0.0000	0.000	1833.9	0.088	BB	0.030	1021.54	0.114
29	4.742		0.0000	0.000	2774.2	0.133	BB	0.037	1250.20	0.139
30	4.855		0.0000	0.000	1640.3	0.079	BB	0.026	1034.70	0.115
31	4.895		0.0000	0.000	1135.5	0.054	BB	0.051	373.42	0.042
32	5.045		0.0000	0.000	3138.9	0.150	BB	0.043	1208.88	0.134
33	5.126		0.0000	0.000	139.6	0.007	BB	0.018	127.67	0.014
34	5.179		0.0000	0.000	1612.5	0.077	BB	0.031	863.57	0.096
35	5.235		0.0000	0.000	183.7	0.009	BB	0.024	128.70	0.014
36	5.318		0.0000	0.000	51.1	0.002	BB	0.025	33.89	0.004
37	5.368		0.0000	0.000	69.5	0.003	BB	0.021	55.93	0.006
38	5.421		0.0000	0.000	29249.2	1.402	BB	0.049	9893.99	1.100
39	5.591		0.0000	0.000	846.5	0.041	BB	0.026	552.19	0.061
40	5.650		0.0000	0.000	30719.5	1.472	BB	0.043	11937.32	1.327
41	5.784		0.0000	0.000	123.7	0.006	BB	0.025	81.82	0.009
42	5.846		0.0000	0.000	1421.3	0.068	BB	0.032	742.90	0.083
43	5.938		0.0000	0.000	21328.8	1.022	BB	0.037	9630.50	1.071
44	6.002		0.0000	0.000	5473.5	0.262	BB	0.025	3627.54	0.403
45	6.071		0.0000	0.000	97389.2	4.667	BB	0.046	35178.59	3.911
46	6.174		0.0000	0.000	123899.2	5.938	BB	0.038	54268.50	6.033
47	6.296		0.0000	0.000	5336.6	0.256	BB	0.033	2734.86	0.304
48	6.377		0.0000	0.000	17868.7	0.856	BB	0.032	9241.34	1.027
49	6.446		0.0000	0.000	120077.1	5.755	BB	0.034	58781.55	6.534
50	6.507		0.0000	0.000	28678.4	1.374	BB	0.025	18945.93	2.106
51	6.565		0.0000	0.000	44952.6	2.154	BB	0.039	19042.51	2.117
52	6.670		0.0000	0.000	1649.5	0.079	BB	0.019	1409.91	0.157
53	6.715		0.0000	0.000	119592.0	5.732	BB	0.036	54878.06	6.100
54	6.804		0.0000	0.000	126688.0	6.072	BB	0.029	71921.63	7.995
55	6.859		0.0000	0.000	36271.1	1.738	BB	0.025	23768.17	2.642
56	6.986		0.0000	0.000	7418.6	0.356	BB	0.027	4657.77	0.518
57	7.022		0.0000	0.000	134975.9	6.469	BB	0.037	61050.41	6.787
58	7.103		0.0000	0.000	35195.9	1.687	BB	0.028	21197.93	2.356
59	7.151		0.0000	0.000	5703.3	0.273	BB	0.025	3817.46	0.424
60	7.221		0.0000	0.000	1710.6	0.082	BB	0.024	1207.56	0.134
61	7.287		0.0000	0.000	20834.3	0.999	BB	0.034	10356.17	1.151
62	7.372		0.0000	0.000	410720.2	19.684	BB	0.045	150608.10	16.742

ASX84 1026

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.706		0.0000	0.000	198815.4	9.528	BB	0.036	93004.57	10.339
64	7.805		0.0000	0.000	109706.4	5.258	BB	0.042	43033.42	4.784
65	8.056		0.0000	0.000	11289.8	0.541	BB	0.041	4543.48	0.505
66	8.218		0.0000	0.000	67691.7	3.244	BB	0.050	22504.54	2.502
67	8.559		0.0000	0.000	140238.6	6.721	BB	0.045	51804.13	5.759
68	8.662		0.0000	0.000	4174.8	0.200	BB	0.032	2159.37	0.240
69	9.043		0.0000	0.000	61625.1	2.953	BB	0.050	20581.68	2.288
70	9.440	DCB	0.1791	82.372	1123.0	0.054	BB	0.046	409.47	0.046
71	9.926		0.0000	0.000	21263.6	1.019	BB	0.061	5770.13	0.641

Total Area = 2086560.0, Total Amount = 0.217, Total Height = 899571.3, Sample Units = ug/l

Sample Name: **AR6240824A AAAR624AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 06:33:04pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.27R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.127		0.0000	0.000	34.2	0.001	BB	0.011	51.74	0.003
2	2.143		0.0000	0.000	201.3	0.006	BB	0.026	129.12	0.008
3	2.211		0.0000	0.000	766.2	0.022	BB	0.032	403.27	0.025
4	2.293		0.0000	0.000	178.9	0.005	BB	0.031	94.95	0.006
5	2.343		0.0000	0.000	317.9	0.009	BB	0.041	129.71	0.008
6	2.460		0.0000	0.000	24.6	0.001	BB	0.007	55.51	0.004
7	2.477		0.0000	0.000	33.9	0.001	BB	0.008	72.57	0.005
8	2.526		0.0000	0.000	212.9	0.006	BB	0.025	142.11	0.009
9	2.593		0.0000	0.000	143.9	0.004	BB	0.036	67.08	0.004
10	2.643		0.0000	0.000	225.3	0.006	BB	0.038	98.09	0.006
11	2.676		0.0000	0.000	8426.8	0.243	BB	0.115	1224.48	0.077
12	2.834		0.0000	0.000	8240.2	0.237	BB	0.076	1803.30	0.114
13	2.892		0.0000	0.000	165.7	0.005	BB	0.014	202.96	0.013
14	2.992		0.0000	0.000	1147.1	0.033	BB	0.039	491.06	0.031
15	3.126		0.0000	0.000	306.8	0.009	BB	0.033	157.06	0.010
16	3.193		0.0000	0.000	496.4	0.014	BB	0.035	238.72	0.015
17	3.276		0.0000	0.000	321.2	0.009	BB	0.022	248.63	0.016
18	3.358		0.0000	0.000	4500.2	0.130	BB	0.042	1779.44	0.112
19	3.493		0.0000	0.000	84.0	0.002	BB	0.012	113.68	0.007
20	3.527		0.0000	0.000	528.5	0.015	BB	0.036	247.57	0.016
21	3.610		0.0000	0.000	122.0	0.004	BB	0.017	123.18	0.008
22	3.691		0.0000	0.000	7916.2	0.228	BB	0.045	2945.35	0.186
23	3.826		0.0000	0.000	2998.5	0.086	BB	0.041	1210.36	0.076
24	3.875		0.0000	0.000	3241.4	0.093	BB	0.032	1670.96	0.106
25	3.977		0.0000	0.000	13.8	0.000	BB	0.005	47.95	0.003
26	4.010		0.0000	0.000	276.8	0.008	BB	0.043	107.77	0.007
27	4.027		0.0000	0.000	605.5	0.017	BB	0.026	392.83	0.025
28	4.121		0.0000	0.000	9650.9	0.278	BB	0.034	4721.28	0.298
29	4.178		0.0000	0.000	3149.5	0.091	BB	0.029	1836.34	0.116
30	4.243		0.0000	0.000	997.7	0.029	BB	0.028	588.40	0.037
31	4.295		0.0000	0.000	2473.8	0.071	BB	0.026	1614.92	0.102
32	4.357		0.0000	0.000	2297.0	0.066	BB	0.023	1666.84	0.105
33	4.391		0.0000	0.000	1904.1	0.055	BB	0.030	1063.55	0.067
34	4.493		0.0000	0.000	124.2	0.004	BB	0.028	73.29	0.005
35	4.559		0.0000	0.000	8348.6	0.240	BB	0.051	2710.16	0.171
36	4.700		0.0000	0.000	2359.1	0.068	BB	0.028	1421.85	0.090
37	4.767		0.0000	0.000	691.9	0.020	BB	0.026	439.33	0.028
38	4.875		0.0000	0.000	456.7	0.013	BB	0.021	368.49	0.023
39	4.910		0.0000	0.000	40564.5	1.168	BB	0.038	17591.29	1.111
40	5.005		0.0000	0.000	1399.5	0.040	BB	0.022	1038.86	0.066
41	5.062		0.0000	0.000	53587.2	1.543	BB	0.046	19536.21	1.234
42	5.227		0.0000	0.000	80.7	0.002	BB	0.015	89.40	0.006
43	5.277		0.0000	0.000	3604.0	0.104	BB	0.035	1714.78	0.108
44	5.361		0.0000	0.000	5433.0	0.156	BB	0.026	3527.96	0.223
45	5.471		0.0000	0.000	232046.5	6.681	BB	0.061	63046.91	3.982
46	5.586		0.0000	0.000	201801.1	5.810	BB	0.038	87495.80	5.526
47	5.677		0.0000	0.000	929.6	0.027	BB	0.013	1174.03	0.074
48	5.719		0.0000	0.000	17831.9	0.513	BB	0.026	11240.16	0.710
49	5.778		0.0000	0.000	246031.9	7.084	BB	0.040	103223.90	6.519
50	5.923		0.0000	0.000	213808.5	6.156	BB	0.036	97724.15	6.172
51	5.994		0.0000	0.000	11771.9	0.339	BB	0.022	8803.36	0.556
52	6.050		0.0000	0.000	26658.9	0.768	BB	0.023	19242.86	1.215
53	6.095		0.0000	0.000	61447.8	1.769	BB	0.025	40918.17	2.584
54	6.141		0.0000	0.000	143746.7	4.139	BB	0.026	92081.75	5.816
55	6.189		0.0000	0.000	46399.8	1.336	BB	0.023	33637.89	2.124
56	6.323		0.0000	0.000	51911.1	1.495	BB	0.031	28262.34	1.785
57	6.394		0.0000	0.000	279928.3	8.060	BB	0.037	125570.60	7.931
58	6.489		0.0000	0.000	78231.6	2.252	BB	0.028	46800.27	2.956
59	6.530		0.0000	0.000	4223.9	0.122	BB	0.015	4794.06	0.303
60	6.569		0.0000	0.000	12635.5	0.364	BB	0.021	10126.34	0.640
61	6.644		0.0000	0.000	569263.7	16.390	BB	0.039	242447.00	15.312
62	6.742		0.0000	0.000	19027.2	0.548	BB	0.025	12663.44	0.800

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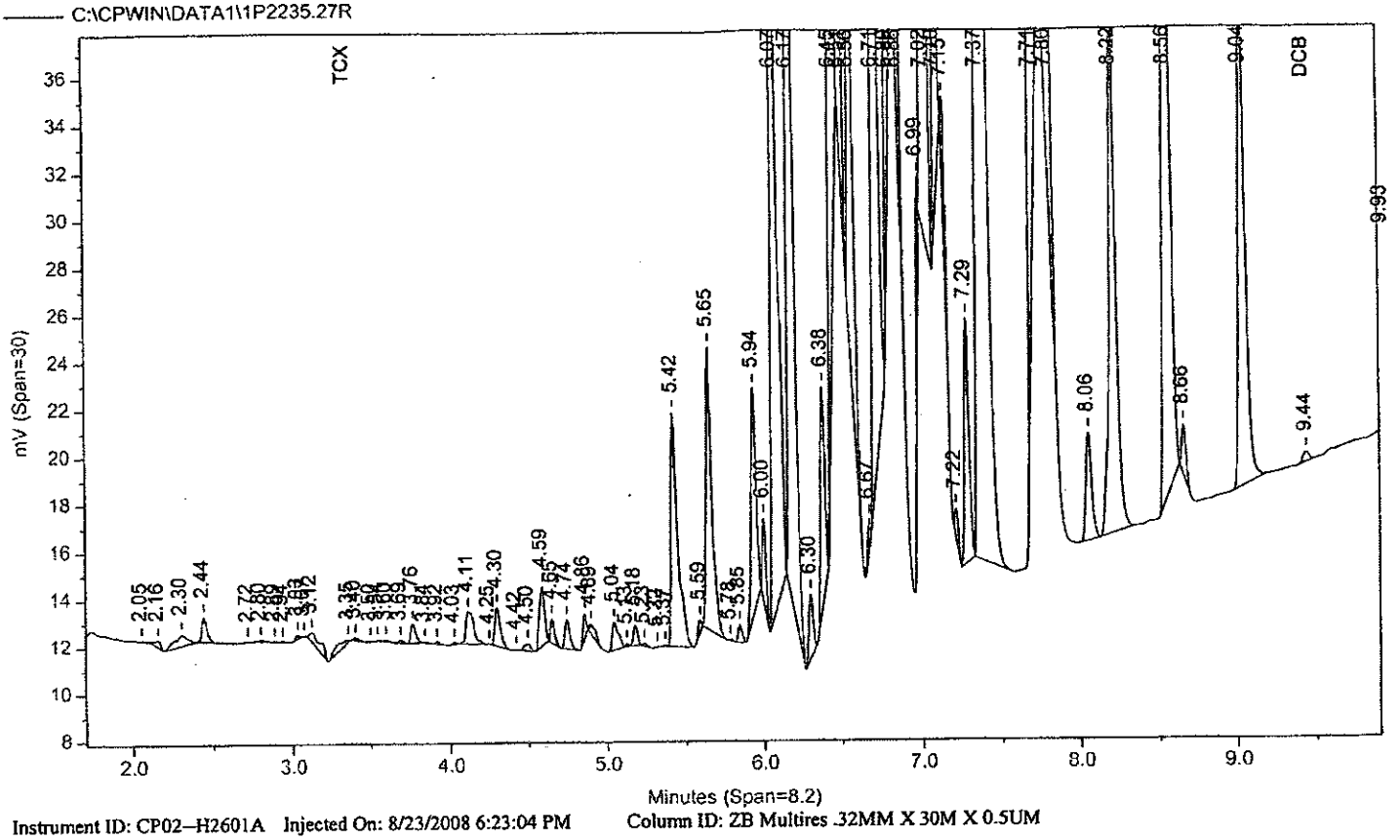
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.928		0.0000	0.000	152567.1	4.393	BB	0.028	89620.98	5.660
64	6.990		0.0000	0.000	376894.0	10.852	BB	0.037	170038.70	10.739
65	7.209		0.0000	0.000	16941.2	0.488	BB	0.031	9021.09	0.570
66	7.265		0.0000	0.000	772.7	0.022	BB	0.018	728.67	0.046
67	7.310		0.0000	0.000	10699.6	0.308	BB	0.032	5659.50	0.357
68	7.387		0.0000	0.000	94385.7	2.718	BB	0.038	40862.77	2.581
69	7.559		0.0000	0.000	286829.7	8.258	BB	0.044	107677.10	6.800
70	7.776		0.0000	0.000	59.5	0.002	BB	0.013	77.13	0.005
71	7.809		0.0000	0.000	39.7	0.001	BB	0.008	81.41	0.005
72	7.916		0.0000	0.000	114020.3	3.283	BB	0.041	46106.76	2.912
73	8.060		0.0000	0.000	118.9	0.003	BB	0.022	89.21	0.006
74	8.127		0.0000	0.000	26.3	0.001	BB	0.008	56.87	0.004
75	8.143		0.0000	0.000	56.5	0.002	BB	0.013	73.96	0.005
76	8.193		0.0000	0.000	33.4	0.001	BB	0.008	73.26	0.005
77	8.242	DCB	0.2624	100.000	2639.3	0.076	BB	0.036	1207.02	0.076
78	8.310		0.0000	0.000	20.1	0.001	BB	0.007	49.19	0.003
79	8.327		0.0000	0.000	260.2	0.007	BB	0.026	164.56	0.010
80	8.376		0.0000	0.000	47.1	0.001	BB	0.011	69.89	0.004
81	8.427		0.0000	0.000	40.2	0.001	BB	0.012	55.45	0.004
82	8.443		0.0000	0.000	44.2	0.001	BB	0.009	81.18	0.005
83	8.493		0.0000	0.000	34.4	0.001	BB	0.007	80.28	0.005
84	8.510		0.0000	0.000	29.1	0.001	BB	0.007	70.84	0.004
85	8.527		0.0000	0.000	102.9	0.003	BB	0.014	119.76	0.008
86	8.577		0.0000	0.000	68.7	0.002	BB	0.019	59.30	0.004
87	8.594		0.0000	0.000	25.4	0.001	BB	0.007	58.02	0.004
88	8.610		0.0000	0.000	270.3	0.008	BB	0.023	195.60	0.012
89	8.676		0.0000	0.000	134.9	0.004	BB	0.024	93.45	0.006
90	8.743		0.0000	0.000	38.2	0.001	BB	0.009	74.03	0.005
91	8.777		0.0000	0.000	27.8	0.001	BB	0.006	77.70	0.005
92	8.826		0.0000	0.000	97.2	0.003	BB	0.024	67.68	0.004
93	8.860		0.0000	0.000	281.2	0.008	BB	0.028	169.73	0.011
94	8.911		0.0000	0.000	22.7	0.001	BB	0.007	58.09	0.004
95	8.927		0.0000	0.000	43.3	0.001	BB	0.009	79.46	0.005
96	8.960		0.0000	0.000	28.4	0.001	BB	0.007	66.98	0.004
97	8.993		0.0000	0.000	115.2	0.003	BB	0.019	98.56	0.006
98	9.043		0.0000	0.000	66.9	0.002	BB	0.016	71.62	0.005
99	9.077		0.0000	0.000	21.7	0.001	BB	0.008	48.00	0.003
100	9.093		0.0000	0.000	35.5	0.001	BB	0.006	93.70	0.006
101	9.110		0.0000	0.000	39.5	0.001	BB	0.008	83.71	0.005
102	9.160		0.0000	0.000	115.4	0.003	BB	0.022	88.96	0.006
103	9.177		0.0000	0.000	47.3	0.001	BB	0.009	83.04	0.005
104	9.210		0.0000	0.000	29.8	0.001	BB	0.007	66.87	0.004
105	9.260		0.0000	0.000	48.6	0.001	BB	0.013	63.89	0.004
106	9.309		0.0000	0.000	72.4	0.002	BB	0.014	84.52	0.005
107	9.343		0.0000	0.000	27.0	0.001	BB	0.008	56.91	0.004
108	9.360		0.0000	0.000	24.2	0.001	BB	0.006	71.53	0.005
109	9.393		0.0000	0.000	32.6	0.001	BB	0.008	65.13	0.004
110	9.427		0.0000	0.000	74.0	0.002	BB	0.021	59.29	0.004
111	9.443		0.0000	0.000	30.1	0.001	BB	0.006	80.02	0.005
112	9.476		0.0000	0.000	29.1	0.001	BB	0.008	57.96	0.004
113	9.526		0.0000	0.000	91.4	0.003	BB	0.019	79.08	0.005
114	9.559		0.0000	0.000	89.6	0.003	BB	0.018	80.80	0.005
115	9.593		0.0000	0.000	26.8	0.001	BB	0.007	61.94	0.004
116	9.627		0.0000	0.000	90.8	0.003	BB	0.018	85.30	0.005
117	9.643		0.0000	0.000	41.5	0.001	BB	0.009	80.95	0.005
118	9.676		0.0000	0.000	68.9	0.002	BB	0.017	69.38	0.004
119	9.710		0.0000	0.000	6749.3	0.194	BB	0.245	459.07	0.029
120	9.927		0.0000	0.000	11023.5	0.317	BB	0.040	4618.34	0.292
121	9.959		0.0000	0.000	123.1	0.004	BB	0.021	96.50	0.006

Total Area = 3473162.0, Total Amount = 0.262, Total Height = 1583376.0, Sample Units = ug/l

ASX84 1829

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.27R

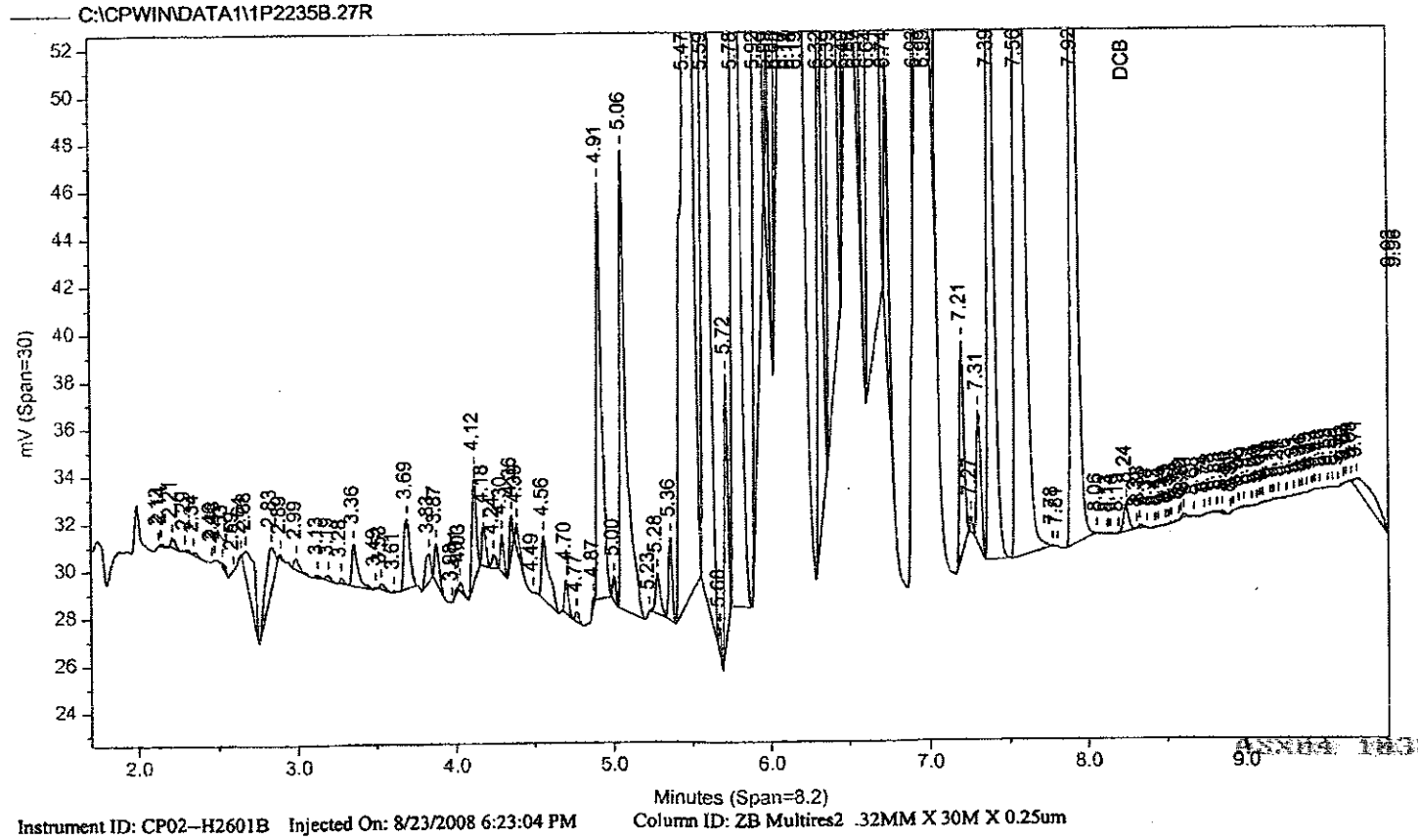
C:\CPWIN\DATA1\1P2235.27R



Instrument ID: CP02–H2601A Injected On: 8/23/2008 6:23:04 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.27R

C:\CPWIN\DATA1\1P2235B.27R



Instrument ID: CP02–H2601B Injected On: 8/23/2008 6:23:04 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

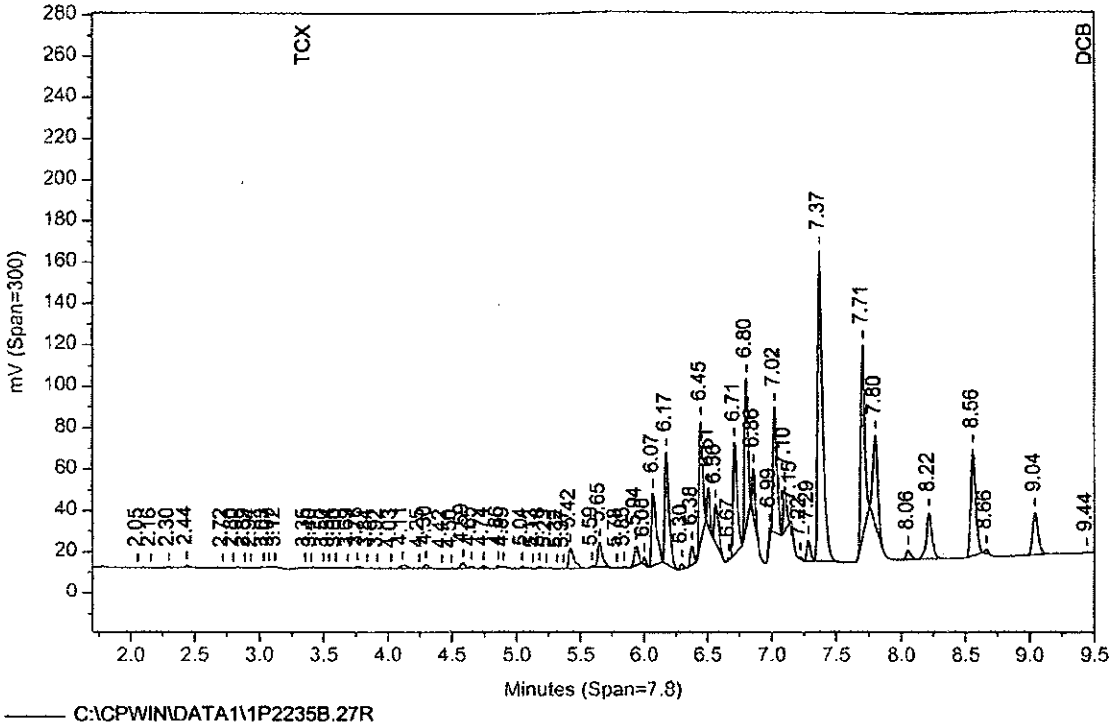
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	122	.03833	TCX	.	0	.	TCX
9.44	409	.1791	DCB	8.242	1207	.26244	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.27A
Area File: C:\CPWIN\DATA1\1P2235B.27A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:37:34 AM
File Reported On: 8/25/2008 at 11:37:42 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.27R



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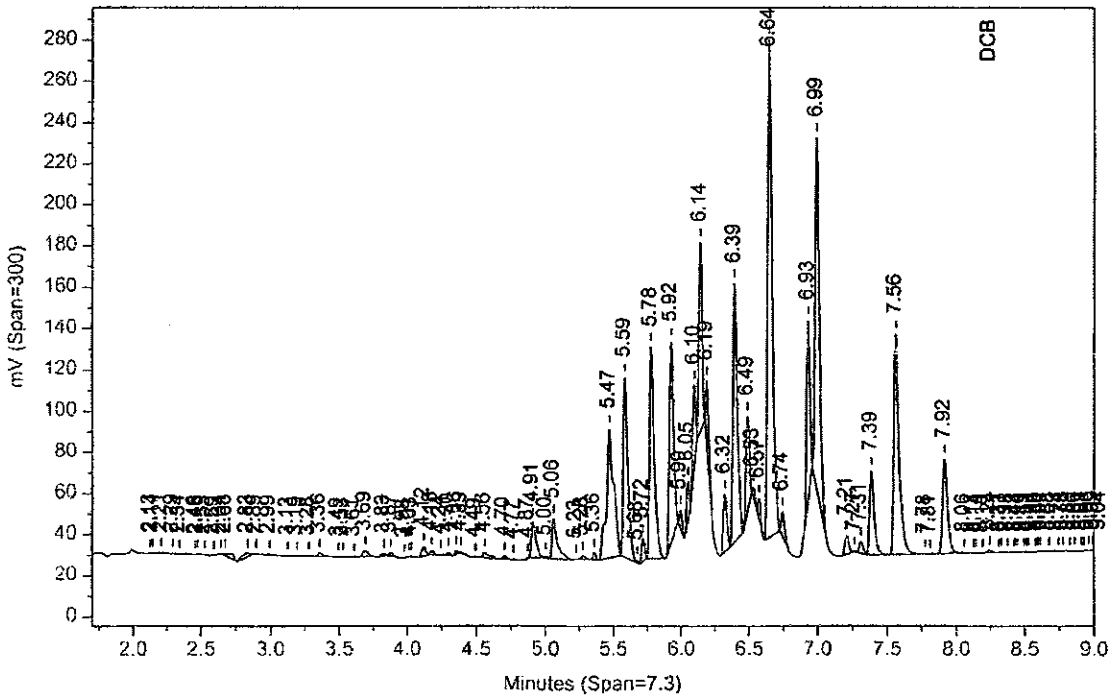

ASX04 1032

Sample Name: **AR6250824A AAAR625AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 06:47:31pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.28R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.053		0.0000	0.000	32.5	0.001	BB	0.023	23.61	0.001
2	2.162		0.0000	0.000	141.5	0.004	BB	0.023	103.25	0.006
3	2.302		0.0000	0.000	1222.7	0.031	BB	0.102	199.58	0.012
4	2.443		0.0000	0.000	2196.6	0.056	BB	0.038	970.31	0.057
5	2.714		0.0000	0.000	98.4	0.003	BB	0.052	31.71	0.002
6	2.772		0.0000	0.000	310.5	0.008	BB	0.062	83.55	0.005
7	2.945		0.0000	0.000	3488.6	0.089	BB	0.049	1187.48	0.070
8	3.071		0.0000	0.000	41.1	0.001	BB	0.025	27.06	0.002
9	3.124		0.0000	0.000	2067.7	0.053	BB	0.116	298.28	0.018
10	3.355	TCX	0.1513	27.111	4080.0	0.104	BB	0.141	482.58	0.029
11	3.543		0.0000	0.000	125.3	0.003	BB	0.059	35.17	0.002
12	3.596		0.0000	0.000	335.2	0.009	BB	0.034	165.62	0.010
13	3.689		0.0000	0.000	506.9	0.013	BB	0.032	266.98	0.016
14	3.765		0.0000	0.000	3863.0	0.098	BB	0.038	1706.39	0.101
15	3.914		0.0000	0.000	574.5	0.015	BB	0.041	233.86	0.014
16	4.034		0.0000	0.000	67.3	0.002	BB	0.032	34.63	0.002
17	4.117		0.0000	0.000	1059.9	0.027	BB	0.029	601.69	0.036
18	4.133		0.0000	0.000	638.7	0.016	BB	0.021	512.68	0.030
19	4.247		0.0000	0.000	105.2	0.003	BB	0.021	84.12	0.005
20	4.302		0.0000	0.000	6247.0	0.159	BB	0.039	2670.03	0.158
21	4.401		0.0000	0.000	1434.5	0.037	BB	0.036	666.44	0.039
22	4.496		0.0000	0.000	1431.3	0.036	BB	0.045	535.54	0.032
23	4.588		0.0000	0.000	11582.7	0.295	BB	0.038	5064.13	0.300
24	4.651		0.0000	0.000	3728.8	0.095	BB	0.030	2060.92	0.122
25	4.743		0.0000	0.000	4258.5	0.108	BB	0.034	2095.44	0.124
26	4.857		0.0000	0.000	3180.5	0.081	BB	0.026	2051.03	0.121
27	4.896		0.0000	0.000	1836.7	0.047	BB	0.037	828.33	0.049
28	5.046		0.0000	0.000	6338.7	0.161	BB	0.044	2419.68	0.143
29	5.129		0.0000	0.000	297.5	0.008	BB	0.019	258.69	0.015
30	5.181		0.0000	0.000	3180.7	0.081	BB	0.031	1719.62	0.102
31	5.237		0.0000	0.000	428.2	0.011	BB	0.024	292.95	0.017
32	5.320		0.0000	0.000	101.9	0.003	BB	0.032	52.41	0.003
33	5.372		0.0000	0.000	116.4	0.003	BB	0.022	87.57	0.005
34	5.422		0.0000	0.000	57319.0	1.459	BB	0.050	19133.93	1.132
35	5.590		0.0000	0.000	1933.5	0.049	BB	0.027	1207.01	0.071
36	5.651		0.0000	0.000	59165.2	1.506	BB	0.043	22885.36	1.354
37	5.848		0.0000	0.000	2812.7	0.072	BB	0.032	1477.11	0.087
38	5.939		0.0000	0.000	39756.4	1.012	BB	0.037	17924.57	1.060
39	6.003		0.0000	0.000	10597.8	0.270	BB	0.026	6913.76	0.409
40	6.071		0.0000	0.000	184580.3	4.700	BB	0.046	66616.66	3.941
41	6.175		0.0000	0.000	230373.8	5.866	BB	0.038	100613.50	5.952
42	6.296		0.0000	0.000	11161.8	0.284	BB	0.033	5695.23	0.337
43	6.379		0.0000	0.000	27453.6	0.699	BB	0.032	14499.72	0.858
44	6.446		0.0000	0.000	219088.8	5.578	BB	0.034	107537.70	6.362
45	6.507		0.0000	0.000	51633.7	1.315	BB	0.025	34333.71	2.031
46	6.565		0.0000	0.000	88293.6	2.248	BB	0.039	37699.35	2.230
47	6.671		0.0000	0.000	3157.4	0.080	BB	0.019	2753.76	0.163
48	6.715		0.0000	0.000	226473.9	5.766	BB	0.036	103500.80	6.123
49	6.805		0.0000	0.000	226134.2	5.758	BB	0.029	131179.00	7.760
50	6.860		0.0000	0.000	71237.5	1.814	BB	0.026	45197.75	2.674
51	6.989		0.0000	0.000	13809.0	0.352	BB	0.025	9043.38	0.535
52	7.023		0.0000	0.000	250062.3	6.367	BB	0.036	116579.00	6.897
53	7.104		0.0000	0.000	64336.5	1.638	BB	0.028	38736.35	2.292
54	7.155		0.0000	0.000	12274.8	0.313	BB	0.021	9866.77	0.584
55	7.224		0.0000	0.000	2570.2	0.065	BB	0.023	1865.05	0.110
56	7.290		0.0000	0.000	40774.2	1.038	BB	0.034	19984.94	1.182
57	7.374		0.0000	0.000	793933.4	20.215	BB	0.046	285449.30	16.887
58	7.711		0.0000	0.000	373522.9	9.511	BB	0.036	173783.20	10.281
59	7.809		0.0000	0.000	209969.9	5.346	BB	0.042	82699.73	4.892
60	8.062		0.0000	0.000	22190.6	0.565	BB	0.042	8833.65	0.523
61	8.222		0.0000	0.000	135748.3	3.456	BB	0.050	44940.09	2.659
62	8.464		0.0000	0.000	128.7	0.003	BB	0.048	45.06	0.003

ASX84 1833

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.567		0.0000	0.000	278577.2	7.093	BB	0.046	101419.00	6.000
64	8.668		0.0000	0.000	7101.4	0.181	BB	0.032	3754.35	0.222
65	8.822		0.0000	0.000	71.5	0.002	BB	0.042	28.42	0.002
66	9.052		0.0000	0.000	122020.6	3.107	BB	0.050	40453.21	2.393
67	9.240		0.0000	0.000	37.9	0.001	BB	0.030	21.01	0.001
68	9.446	DCB	0.4069	72.889	2522.9	0.064	BB	0.045	930.25	0.055
69	9.606		0.0000	0.000	493.1	0.013	BB	0.046	178.54	0.011
70	9.940		0.0000	0.000	21002.5	0.535	BB	0.074	4710.90	0.279

Total Area = 3927440.0, Total Amount = 0.558, Total Height = 1690342.0, Sample Units = ug/l

Sample Name: **AR6250824A AAAR625AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 06:47:31pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.28R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.056		0.0000	0.000	78.6	0.001	BB	0.016	80.02	0.003
2	2.123		0.0000	0.000	35.6	0.001	BB	0.010	57.15	0.002
3	2.140		0.0000	0.000	224.9	0.004	BB	0.032	116.84	0.004
4	2.206		0.0000	0.000	271.1	0.004	BB	0.032	142.11	0.005
5	2.273		0.0000	0.000	286.6	0.005	BB	0.052	91.46	0.003
6	2.356		0.0000	0.000	124.2	0.002	BB	0.024	87.18	0.003
7	2.406		0.0000	0.000	61.6	0.001	BB	0.014	71.06	0.002
8	2.456		0.0000	0.000	31.3	0.001	BB	0.009	58.25	0.002
9	2.473		0.0000	0.000	846.1	0.014	BB	0.108	130.91	0.005
10	2.589		0.0000	0.000	123.6	0.002	BB	0.025	80.87	0.003
11	2.606		0.0000	0.000	25.3	0.000	BB	0.009	44.48	0.002
12	2.640		0.0000	0.000	509.6	0.008	BB	0.028	304.88	0.011
13	2.729		0.0000	0.000	8152.3	0.131	BB	0.031	4342.19	0.151
14	2.836		0.0000	0.000	6901.6	0.111	BB	0.088	1303.86	0.045
15	2.990		0.0000	0.000	985.2	0.016	BB	0.038	435.43	0.015
16	3.107		0.0000	0.000	227.4	0.004	BB	0.026	146.79	0.005
17	3.187		0.0000	0.000	953.1	0.015	BB	0.035	450.16	0.016
18	3.275		0.0000	0.000	1074.8	0.017	BB	0.032	557.39	0.019
19	3.358		0.0000	0.000	7060.1	0.113	BB	0.035	3367.11	0.117
20	3.440		0.0000	0.000	273.8	0.004	BB	0.025	183.87	0.006
21	3.534		0.0000	0.000	1051.9	0.017	BB	0.036	491.32	0.017
22	3.623		0.0000	0.000	65.7	0.001	BB	0.014	78.47	0.003
23	3.691		0.0000	0.000	18851.3	0.302	BB	0.050	6327.64	0.220
24	3.833		0.0000	0.000	509.8	0.008	BB	0.041	205.81	0.007
25	3.875		0.0000	0.000	8760.5	0.140	BB	0.033	4416.68	0.154
26	3.950		0.0000	0.000	1546.4	0.025	BB	0.025	1011.04	0.035
27	4.005		0.0000	0.000	443.0	0.007	BB	0.023	324.29	0.011
28	4.024		0.0000	0.000	577.0	0.009	BB	0.026	371.99	0.013
29	4.122		0.0000	0.000	19677.3	0.315	BB	0.035	9432.04	0.328
30	4.181		0.0000	0.000	6558.9	0.105	BB	0.030	3668.52	0.128
31	4.239		0.0000	0.000	152.0	0.002	BB	0.019	130.65	0.005
32	4.299		0.0000	0.000	5547.7	0.089	BB	0.027	3472.86	0.121
33	4.356		0.0000	0.000	4810.3	0.077	BB	0.023	3421.08	0.119
34	4.390		0.0000	0.000	3352.7	0.054	BB	0.029	1951.76	0.068
35	4.506		0.0000	0.000	74.4	0.001	BB	0.014	89.09	0.003
36	4.559		0.0000	0.000	15047.9	0.241	BB	0.048	5215.02	0.182
37	4.674		0.0000	0.000	130.0	0.002	BB	0.017	126.74	0.004
38	4.702		0.0000	0.000	5125.1	0.082	BB	0.028	3061.49	0.107
39	4.767		0.0000	0.000	1317.2	0.021	BB	0.026	853.16	0.030
40	4.839		0.0000	0.000	121.3	0.002	BB	0.017	116.50	0.004
41	4.873		0.0000	0.000	941.0	0.015	BB	0.020	774.59	0.027
42	4.911		0.0000	0.000	77619.4	1.243	BB	0.039	33022.16	1.150
43	5.007		0.0000	0.000	2698.2	0.043	BB	0.021	2106.69	0.073
44	5.063		0.0000	0.000	102361.6	1.639	BB	0.047	36265.74	1.263
45	5.231		0.0000	0.000	442.3	0.007	BB	0.026	281.05	0.010
46	5.279		0.0000	0.000	5953.0	0.095	BB	0.033	3022.41	0.105
47	5.363		0.0000	0.000	10487.3	0.168	BB	0.026	6695.10	0.233
48	5.429		0.0000	0.000	12919.9	0.207	BB	0.033	6449.28	0.225
49	5.471		0.0000	0.000	272422.8	4.362	BB	0.048	93896.08	3.270
50	5.585		0.0000	0.000	362241.0	5.800	BB	0.038	157408.60	5.481
51	5.677		0.0000	0.000	1832.0	0.029	BB	0.014	2194.38	0.076
52	5.719		0.0000	0.000	33932.0	0.543	BB	0.027	20977.14	0.730
53	5.778		0.0000	0.000	450572.8	7.214	BB	0.041	185420.50	6.457
54	5.923		0.0000	0.000	376513.7	6.028	BB	0.036	176399.50	6.143
55	5.993		0.0000	0.000	20943.7	0.335	BB	0.021	16365.57	0.570
56	6.050		0.0000	0.000	49028.8	0.785	BB	0.023	34917.10	1.216
57	6.095		0.0000	0.000	111229.1	1.781	BB	0.025	72743.67	2.533
58	6.139		0.0000	0.000	260374.7	4.169	BB	0.026	167559.00	5.835
59	6.189		0.0000	0.000	97055.6	1.554	BB	0.024	67260.77	2.342
60	6.324		0.0000	0.000	98318.6	1.574	BB	0.030	53983.30	1.880
61	6.394		0.0000	0.000	508132.8	8.136	BB	0.037	228267.80	7.949
62	6.487		0.0000	0.000	140109.4	2.243	BB	0.027	85300.88	2.970

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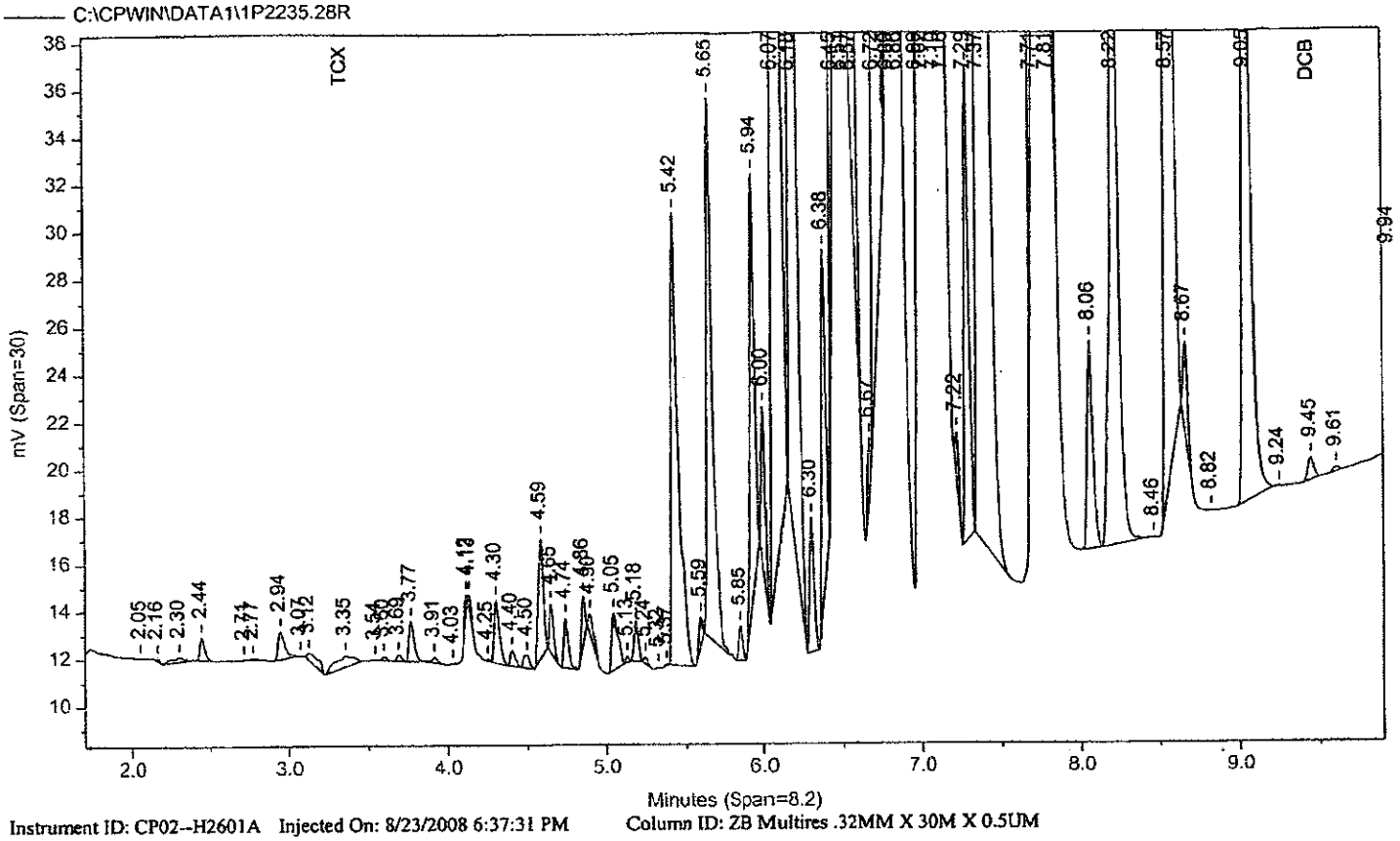
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.531		0.0000	0.000	10550.9	0.169	BB	0.016	10912.12	0.380
64	6.569		0.0000	0.000	23047.3	0.369	BB	0.021	18609.15	0.648
65	6.643		0.0000	0.000	1056223.0	16.911	BB	0.039	450913.80	15.702
66	6.741		0.0000	0.000	33631.9	0.538	BB	0.026	21975.78	0.765
67	6.928		0.0000	0.000	271191.8	4.342	BB	0.028	159870.60	5.567
68	6.991		0.0000	0.000	702400.1	11.246	BB	0.038	306568.50	10.675
69	7.211		0.0000	0.000	32233.6	0.516	BB	0.032	16831.16	0.586
70	7.267		0.0000	0.000	1390.6	0.022	BB	0.017	1377.67	0.048
71	7.313		0.0000	0.000	19426.9	0.311	BB	0.031	10294.91	0.358
72	7.390		0.0000	0.000	185602.0	2.972	BB	0.039	78572.52	2.736
73	7.560		0.0000	0.000	549086.4	8.792	BB	0.047	195581.20	6.811
74	7.806		0.0000	0.000	50.9	0.001	BB	0.013	64.86	0.002
75	7.840		0.0000	0.000	64.2	0.001	BB	0.014	78.72	0.003
76	7.919		0.0000	0.000	219765.3	3.519	BB	0.043	85377.55	2.973
77	8.140		0.0000	0.000	211.5	0.003	BB	0.031	115.09	0.004
78	8.246	DCB	0.5036	100.000	5609.7	0.090	BB	0.040	2316.02	0.081
79	8.324		0.0000	0.000	30.6	0.000	BB	0.008	62.33	0.002
80	8.339		0.0000	0.000	88.3	0.001	BB	0.015	96.90	0.003
81	8.406		0.0000	0.000	72.8	0.001	BB	0.014	87.14	0.003
82	8.457		0.0000	0.000	50.2	0.001	BB	0.012	67.58	0.002
83	8.490		0.0000	0.000	25.4	0.000	BB	0.008	54.08	0.002
84	8.523		0.0000	0.000	21.7	0.000	BB	0.007	52.25	0.002
85	8.540		0.0000	0.000	26.4	0.000	BB	0.008	55.10	0.002
86	8.573		0.0000	0.000	21.7	0.000	BB	0.008	45.36	0.002
87	8.622		0.0000	0.000	1081.7	0.017	BB	0.038	472.89	0.016
88	8.690		0.0000	0.000	57.9	0.001	BB	0.013	74.72	0.003
89	8.723		0.0000	0.000	14.1	0.000	BB	0.006	42.00	0.001
90	8.757		0.0000	0.000	17.6	0.000	BB	0.006	51.14	0.002
91	8.773		0.0000	0.000	26.3	0.000	BB	0.008	57.34	0.002
92	8.807		0.0000	0.000	21.7	0.000	BB	0.007	55.11	0.002
93	8.823		0.0000	0.000	60.4	0.001	BB	0.014	74.38	0.003
94	8.856		0.0000	0.000	184.5	0.003	BB	0.036	84.93	0.003
95	8.924		0.0000	0.000	23.6	0.000	BB	0.007	56.31	0.002
96	8.940		0.0000	0.000	27.1	0.000	BB	0.009	50.09	0.002
97	8.957		0.0000	0.000	33.1	0.001	BB	0.009	62.23	0.002
98	8.990		0.0000	0.000	78.7	0.001	BB	0.019	68.89	0.002
99	9.040		0.0000	0.000	19.7	0.000	BB	0.007	44.42	0.002
100	9.056		0.0000	0.000	51.7	0.001	BB	0.012	74.33	0.003
101	9.107		0.0000	0.000	20.3	0.000	BB	0.006	54.79	0.002
102	9.123		0.0000	0.000	19.7	0.000	BB	0.006	50.65	0.002
103	9.157		0.0000	0.000	17.8	0.000	BB	0.006	48.35	0.002
104	9.190		0.0000	0.000	26.5	0.000	BB	0.010	44.27	0.002
105	9.207		0.0000	0.000	59.3	0.001	BB	0.013	77.14	0.003
106	9.256		0.0000	0.000	27.9	0.000	BB	0.008	56.44	0.002
107	9.273		0.0000	0.000	58.7	0.001	BB	0.013	74.60	0.003
108	9.340		0.0000	0.000	39.6	0.001	BB	0.013	51.46	0.002
109	9.373		0.0000	0.000	60.1	0.001	BB	0.020	49.14	0.002
110	9.424		0.0000	0.000	20.6	0.000	BB	0.008	43.85	0.002
111	9.440		0.0000	0.000	22.9	0.000	BB	0.007	52.73	0.002
112	9.473		0.0000	0.000	50.4	0.001	BB	0.015	54.67	0.002
113	9.507		0.0000	0.000	22.3	0.000	BB	0.006	64.60	0.002
114	9.523		0.0000	0.000	39.9	0.001	BB	0.009	74.77	0.003
115	9.556		0.0000	0.000	59.1	0.001	BB	0.016	62.74	0.002
116	9.607		0.0000	0.000	17.0	0.000	BB	0.006	43.82	0.002
117	9.623		0.0000	0.000	21.5	0.000	BB	0.006	56.99	0.002
118	9.640		0.0000	0.000	29.0	0.000	BB	0.009	55.92	0.002
119	9.673		0.0000	0.000	23.9	0.000	BB	0.007	57.18	0.002
120	9.707		0.0000	0.000	20.3	0.000	BB	0.006	57.39	0.002
121	9.723		0.0000	0.000	4333.6	0.069	BB	0.342	211.03	0.007
122	9.940		0.0000	0.000	9953.1	0.159	BB	0.183	906.57	0.032
123	9.956		0.0000	0.000	88.3	0.001	BB	0.019	76.14	0.003

Total Area = 6245649.0, Total Amount = 0.504, Total Height = 2871704.0, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.28R

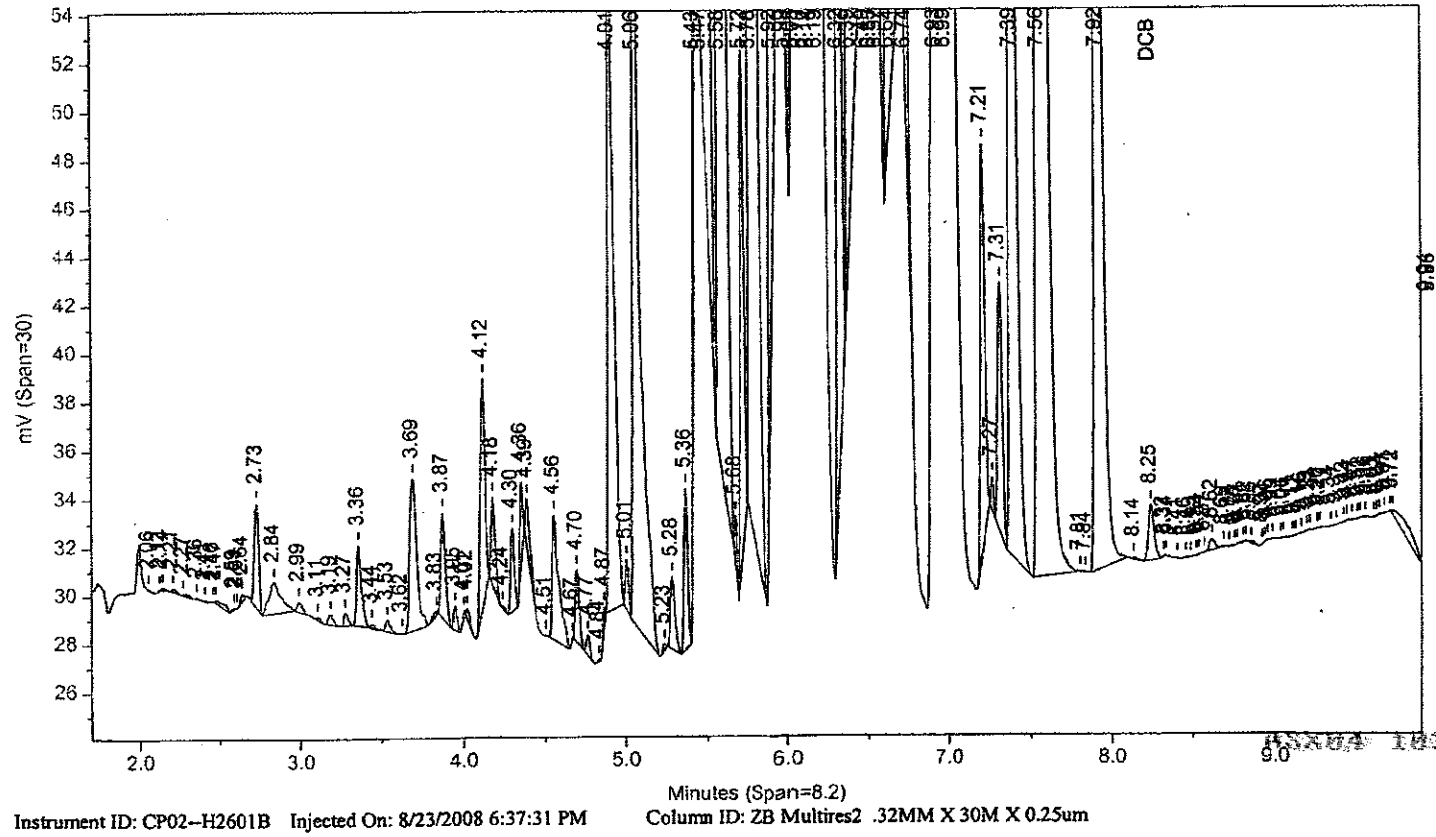
C:\CPWIN\DATA1\1P2235.28R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 6:37:31 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.28R

C:\CPWIN\DATA1\1P2235B.28R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:37:31 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	483	.15134	TCX	.	0	.	TCX
9.446	930	.40688	DCB	8.246	2316	.50356	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.28A
Area File: C:\CPWIN\DATA1\1P2235B.28A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:37:52 AM
File Reported On: 8/25/2008 at 11:37:59 AM

10X REPLOTS

ASX84 1838

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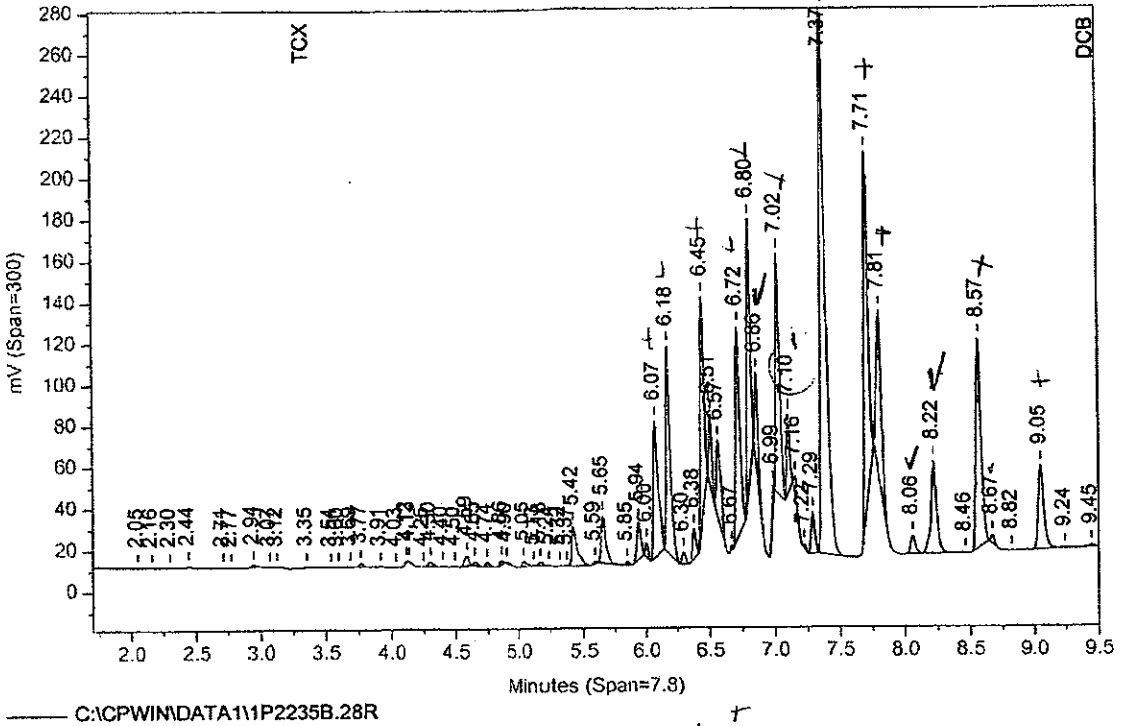

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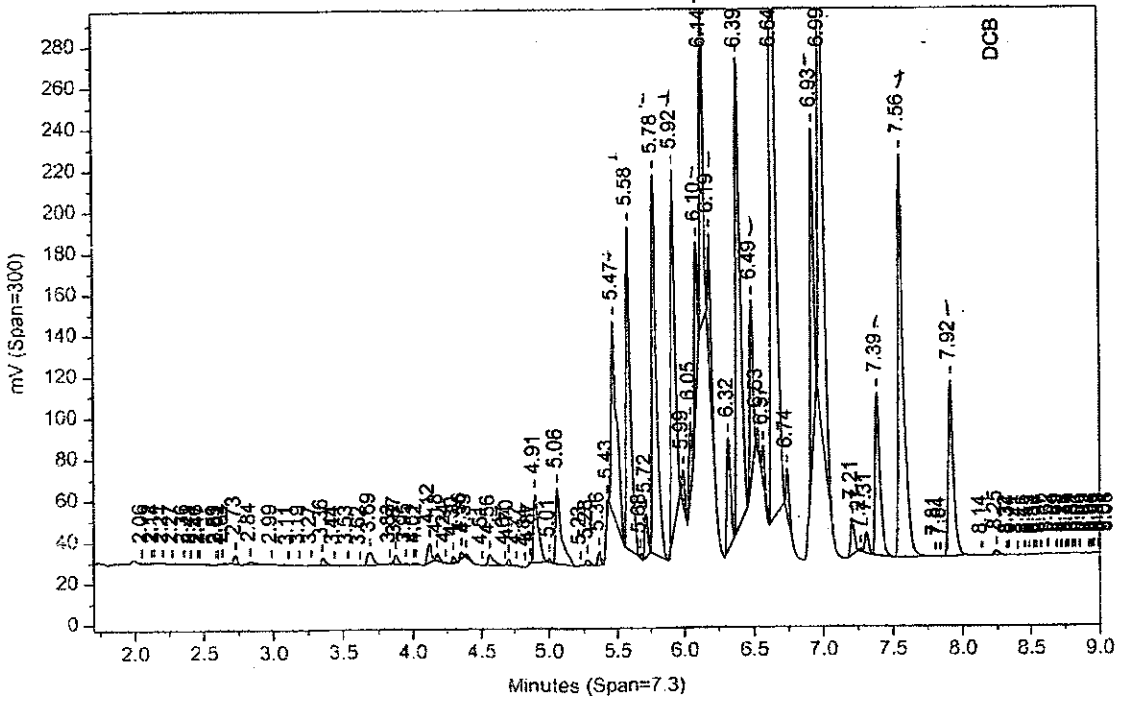

ASX84 1839

Sample Name: **AR6810824A AAAR681AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 07:01:55pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.29R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.055		0.0000	0.000	187.3	0.041	BB	0.038	81.95	0.052
2	2.160		0.0000	0.000	583.3	0.129	BB	0.044	220.45	0.139
3	2.254		0.0000	0.000	1111.6	0.245	BB	0.063	294.47	0.185
4	2.350		0.0000	0.000	89.9	0.020	BB	0.023	65.21	0.041
5	2.442		0.0000	0.000	2297.1	0.506	BB	0.040	960.76	0.605
6	2.534		0.0000	0.000	100.1	0.022	BB	0.037	44.66	0.028
7	2.706		0.0000	0.000	193.3	0.043	BB	0.049	65.36	0.041
8	2.798		0.0000	0.000	629.0	0.139	BB	0.060	174.27	0.110
9	2.886		0.0000	0.000	42.5	0.009	BB	0.024	29.13	0.018
10	2.964		0.0000	0.000	193.3	0.043	BB	0.050	63.95	0.040
11	3.031		0.0000	0.000	486.2	0.107	BB	0.031	263.86	0.166
12	3.076		0.0000	0.000	77.4	0.017	BB	0.023	56.45	0.036
13	3.128		0.0000	0.000	3723.1	0.820	BB	0.064	975.38	0.614
14	3.343	TCX	0.0229	0.438	985.7	0.217	BB	0.225	73.12	0.046
15	3.405		0.0000	0.000	544.8	0.120	BB	0.048	190.69	0.120
16	3.501		0.0000	0.000	73.0	0.016	BB	0.029	41.98	0.026
17	3.541		0.0000	0.000	288.4	0.064	BB	0.038	127.90	0.081
18	3.636		0.0000	0.000	193.5	0.043	BB	0.042	77.13	0.049
19	3.749		0.0000	0.000	203.4	0.045	BB	0.050	67.63	0.043
20	3.850		0.0000	0.000	311.5	0.069	BB	0.050	104.22	0.066
21	3.918		0.0000	0.000	170.7	0.038	BB	0.030	96.04	0.060
22	4.029		0.0000	0.000	390.6	0.086	BB	0.031	211.35	0.133
23	4.080		0.0000	0.000	592.7	0.131	BB	0.046	216.83	0.137
24	4.195		0.0000	0.000	60.0	0.013	BB	0.030	33.32	0.021
25	4.254		0.0000	0.000	96.8	0.021	BB	0.023	71.52	0.045
26	4.300		0.0000	0.000	808.4	0.178	BB	0.044	304.09	0.191
27	4.406		0.0000	0.000	27.9	0.006	BB	0.027	17.30	0.011
28	4.447		0.0000	0.000	103.0	0.023	BB	0.031	56.28	0.035
29	4.502		0.0000	0.000	65.5	0.014	BB	0.025	43.44	0.027
30	4.570		0.0000	0.000	326.7	0.072	BB	0.040	136.11	0.086
31	4.684		0.0000	0.000	55.7	0.012	BB	0.025	37.07	0.023
32	4.744		0.0000	0.000	763.3	0.168	BB	0.051	251.59	0.158
33	4.856		0.0000	0.000	124.4	0.027	BB	0.030	70.00	0.044
34	4.924		0.0000	0.000	487.6	0.107	BB	0.041	200.47	0.126
35	5.050		0.0000	0.000	368.2	0.081	BB	0.065	94.56	0.060
36	5.193		0.0000	0.000	174.0	0.038	BB	0.043	68.11	0.043
37	5.289		0.0000	0.000	66.2	0.015	BB	0.032	35.00	0.022
38	5.369		0.0000	0.000	216.2	0.048	BB	0.058	61.74	0.039
39	5.422		0.0000	0.000	145.4	0.032	BB	0.028	87.69	0.055
40	5.483		0.0000	0.000	434.2	0.096	BB	0.051	143.10	0.090
41	5.630		0.0000	0.000	1257.0	0.277	BB	0.076	274.87	0.173
42	5.966		0.0000	0.000	4113.2	0.906	BB	0.142	484.07	0.305
43	6.379		0.0000	0.000	14034.5	3.092	BB	0.060	3921.87	2.469
44	6.512		0.0000	0.000	332.1	0.073	BB	0.028	198.87	0.125
45	6.564		0.0000	0.000	266.1	0.059	BB	0.040	110.63	0.070
46	6.663		0.0000	0.000	20.5	0.005	BB	0.018	18.90	0.012
47	6.719		0.0000	0.000	192.1	0.042	BB	0.031	103.09	0.065
48	6.808		0.0000	0.000	10561.7	2.327	BB	0.041	4314.96	2.717
49	7.051		0.0000	0.000	12397.2	2.731	BB	0.039	5328.55	3.355
50	7.140		0.0000	0.000	2319.5	0.511	BB	0.032	1227.10	0.773
51	7.317		0.0000	0.000	216.8	0.048	BB	0.135	26.70	0.017
52	7.377		0.0000	0.000	6994.1	1.541	BB	0.057	2054.16	1.293
53	7.711		0.0000	0.000	50314.7	11.085	BB	0.039	21556.31	13.571
54	7.814		0.0000	0.000	44121.6	9.720	BB	0.041	18025.82	11.348
55	7.975		0.0000	0.000	19.5	0.004	BB	0.024	13.51	0.009
56	8.058		0.0000	0.000	44823.9	9.875	BB	0.043	17424.79	10.970
57	8.186		0.0000	0.000	11727.5	2.584	BB	0.045	4345.41	2.736
58	8.383		0.0000	0.000	248.7	0.055	BB	0.112	37.15	0.023
59	8.563		0.0000	0.000	17597.2	3.877	BB	0.043	6863.93	4.321
60	9.048		0.0000	0.000	156400.7	34.456	BB	0.051	51254.44	32.268
61	9.440	DCB	5.2071	99.562	37000.4	8.151	BB	0.052	11904.86	7.495
62	9.587		0.0000	0.000	83.6	0.018	BB	0.033	42.72	0.027

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.691		0.0000	0.000	141.6	0.031	BB	0.058	40.64	0.026
64	9.960		0.0000	0.000	20942.0	4.614	BB	0.114	3053.49	1.922

Total Area = 453917.6, Total Amount = 5.23, Total Height = 158841.0, Sample Units = ug/l

ASX84 1841

Sample Name: **AR6810824A AAAR681AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 07:01:55pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.29R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.043		0.0000	0.000	366.3	0.045	BB	0.028	217.19	0.068
2	2.117		0.0000	0.000	24.4	0.003	BB	0.006	71.22	0.022
3	2.134		0.0000	0.000	47.4	0.006	BB	0.012	65.92	0.021
4	2.149		0.0000	0.000	109.1	0.014	BB	0.017	108.06	0.034
5	2.200		0.0000	0.000	339.0	0.042	BB	0.034	167.49	0.052
6	2.300		0.0000	0.000	477.2	0.059	BB	0.029	274.92	0.086
7	2.350		0.0000	0.000	275.0	0.034	BB	0.036	127.62	0.040
8	2.466		0.0000	0.000	19.3	0.002	BB	0.007	46.75	0.015
9	2.483		0.0000	0.000	118.2	0.015	BB	0.015	128.88	0.040
10	2.533		0.0000	0.000	220.2	0.027	BB	0.018	206.36	0.064
11	2.584		0.0000	0.000	46.0	0.006	BB	0.009	84.22	0.026
12	2.601		0.0000	0.000	24.2	0.003	BB	0.007	53.90	0.017
13	2.649		0.0000	0.000	485.3	0.060	BB	0.042	192.36	0.060
14	2.667		0.0000	0.000	6216.1	0.771	BB	0.257	402.37	0.125
15	2.834		0.0000	0.000	18678.1	2.316	BB	0.073	4248.09	1.323
16	2.933	TCX	0.0455	0.767	286.7	0.036	BB	0.020	242.13	0.075
17	2.984		0.0000	0.000	1005.4	0.125	BB	0.027	618.39	0.193
18	3.050		0.0000	0.000	113.3	0.014	BB	0.018	104.71	0.033
19	3.117		0.0000	0.000	547.5	0.068	BB	0.036	252.45	0.079
20	3.216		0.0000	0.000	287.4	0.036	BB	0.041	115.70	0.036
21	3.317		0.0000	0.000	25.1	0.003	BB	0.006	66.43	0.021
22	3.350		0.0000	0.000	504.2	0.063	BB	0.030	278.42	0.087
23	3.399		0.0000	0.000	55.8	0.007	BB	0.010	97.48	0.030
24	3.450		0.0000	0.000	159.0	0.020	BB	0.021	127.30	0.040
25	3.500		0.0000	0.000	159.7	0.020	BB	0.016	167.07	0.052
26	3.533		0.0000	0.000	212.0	0.026	BB	0.032	110.42	0.034
27	3.617		0.0000	0.000	204.8	0.025	BB	0.020	171.76	0.054
28	3.666		0.0000	0.000	106.4	0.013	BB	0.021	82.83	0.026
29	3.700		0.0000	0.000	27.8	0.003	BB	0.007	65.50	0.020
30	3.716		0.0000	0.000	227.8	0.028	BB	0.026	143.72	0.045
31	3.834		0.0000	0.000	3298.0	0.409	BB	0.045	1224.21	0.381
32	3.899		0.0000	0.000	877.4	0.109	BB	0.026	558.16	0.174
33	4.000		0.0000	0.000	21.5	0.003	BB	0.006	58.17	0.018
34	4.034		0.0000	0.000	976.5	0.121	BB	0.038	431.60	0.134
35	4.133		0.0000	0.000	167.1	0.021	BB	0.031	90.35	0.028
36	4.150		0.0000	0.000	39.4	0.005	BB	0.008	78.67	0.025
37	4.183		0.0000	0.000	146.1	0.018	BB	0.028	88.48	0.028
38	4.249		0.0000	0.000	3505.6	0.435	BB	0.060	980.41	0.305
39	4.349		0.0000	0.000	64.5	0.008	BB	0.013	80.83	0.025
40	4.383		0.0000	0.000	35.0	0.004	BB	0.008	72.51	0.023
41	4.399		0.0000	0.000	154.2	0.019	BB	0.021	123.67	0.039
42	4.450		0.0000	0.000	78.1	0.010	BB	0.017	76.74	0.024
43	4.499		0.0000	0.000	3074.1	0.381	BB	0.278	184.51	0.057
44	4.651		0.0000	0.000	28.4	0.004	BB	0.006	74.65	0.023
45	4.666		0.0000	0.000	85.9	0.011	BB	0.012	116.05	0.036
46	4.700		0.0000	0.000	107.3	0.013	BB	0.018	101.46	0.032
47	4.766		0.0000	0.000	77.9	0.010	BB	0.012	106.97	0.033
48	4.816		0.0000	0.000	29.2	0.004	BB	0.008	63.95	0.020
49	4.850		0.0000	0.000	20.7	0.003	BB	0.007	48.55	0.015
50	4.867		0.0000	0.000	163.1	0.020	BB	0.018	151.44	0.047
51	4.916		0.0000	0.000	588.4	0.073	BB	0.039	250.61	0.078
52	5.000		0.0000	0.000	114.5	0.014	BB	0.020	94.44	0.029
53	5.033		0.0000	0.000	22.4	0.003	BB	0.006	60.10	0.019
54	5.067		0.0000	0.000	343.0	0.043	BB	0.025	231.45	0.072
55	5.115		0.0000	0.000	313.2	0.039	BB	0.023	229.93	0.072
56	5.183		0.0000	0.000	128.5	0.016	BB	0.021	103.11	0.032
57	5.218		0.0000	0.000	21.1	0.003	BB	0.006	55.99	0.017
58	5.234		0.0000	0.000	34.2	0.004	BB	0.009	62.48	0.019
59	5.282		0.0000	0.000	5767.5	0.715	BB	0.126	761.91	0.237
60	5.418		0.0000	0.000	73.4	0.009	BB	0.013	92.98	0.029
61	5.433		0.0000	0.000	5341.9	0.662	BB	0.168	529.28	0.165
62	5.683		0.0000	0.000	85.3	0.011	BB	0.013	112.86	0.035

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.717		0.0000	0.000	36.7	0.005	BB	0.008	75.81	0.024
64	5.936		0.0000	0.000	59623.0	7.393	BB	0.106	9351.78	2.913
65	6.144		0.0000	0.000	18770.7	2.328	BB	0.041	7718.08	2.404
66	6.318		0.0000	0.000	1984.2	0.246	BB	0.037	889.52	0.277
67	6.396		0.0000	0.000	22170.1	2.749	BB	0.036	10206.85	3.180
68	6.481		0.0000	0.000	4594.5	0.570	BB	0.032	2367.82	0.738
69	6.566		0.0000	0.000	182.1	0.023	BB	0.021	141.95	0.044
70	6.600		0.0000	0.000	47.5	0.006	BB	0.011	74.48	0.023
71	6.644		0.0000	0.000	8403.4	1.042	BB	0.035	4058.46	1.264
72	6.744		0.0000	0.000	3837.9	0.476	BB	0.034	1899.15	0.592
73	6.849		0.0000	0.000	54.9	0.007	BB	0.012	73.58	0.023
74	6.931		0.0000	0.000	67283.5	8.343	BB	0.031	36100.37	11.246
75	6.994		0.0000	0.000	66621.3	8.261	BB	0.032	34616.52	10.783
76	7.133		0.0000	0.000	69.3	0.009	BB	0.015	76.59	0.024
77	7.213		0.0000	0.000	77224.8	9.576	BB	0.038	34029.18	10.601
78	7.314		0.0000	0.000	17236.2	2.137	BB	0.034	8436.54	2.628
79	7.383		0.0000	0.000	395.0	0.049	BB	0.023	288.19	0.090
80	7.449		0.0000	0.000	68.0	0.008	BB	0.016	70.33	0.022
81	7.467		0.0000	0.000	125.4	0.016	BB	0.021	100.69	0.031
82	7.517		0.0000	0.000	56.7	0.007	BB	0.016	59.07	0.018
83	7.560		0.0000	0.000	36115.4	4.478	BB	0.040	15199.41	4.735
84	7.700		0.0000	0.000	32.9	0.004	BB	0.008	71.10	0.022
85	7.716		0.0000	0.000	147.2	0.018	BB	0.024	103.80	0.032
86	7.766		0.0000	0.000	110.0	0.014	BB	0.016	116.30	0.036
87	7.800		0.0000	0.000	36.7	0.005	BB	0.009	71.24	0.022
88	7.817		0.0000	0.000	31.0	0.004	BB	0.009	59.62	0.019
89	7.833		0.0000	0.000	25.2	0.003	BB	0.006	65.58	0.020
90	7.866		0.0000	0.000	33.2	0.004	BB	0.007	79.13	0.025
91	7.917		0.0000	0.000	278262.3	34.505	BB	0.044	106159.70	33.070
92	8.150		0.0000	0.000	49.0	0.006	BB	0.013	61.58	0.019
93	8.183		0.0000	0.000	34.1	0.004	BB	0.008	71.01	0.022
94	8.239	DCB	5.8802	99.233	70105.7	8.693	BB	0.043	27044.71	8.425
95	8.416		0.0000	0.000	136.5	0.017	BB	0.024	94.65	0.029
96	8.450		0.0000	0.000	46.2	0.006	BB	0.012	65.99	0.021
97	8.483		0.0000	0.000	50.6	0.006	BB	0.011	78.95	0.025
98	8.550		0.0000	0.000	149.5	0.019	BB	0.031	81.51	0.025
99	8.583		0.0000	0.000	33.4	0.004	BB	0.010	58.09	0.018
100	8.600		0.0000	0.000	20.9	0.003	BB	0.008	44.98	0.014
101	8.616		0.0000	0.000	80.4	0.010	BB	0.016	85.06	0.026
102	8.666		0.0000	0.000	76.0	0.009	BB	0.018	72.35	0.023
103	8.699		0.0000	0.000	19.4	0.002	BB	0.005	59.73	0.019
104	8.733		0.0000	0.000	28.2	0.003	BB	0.008	58.14	0.018
105	8.750		0.0000	0.000	26.4	0.003	BB	0.007	62.42	0.019
106	8.783		0.0000	0.000	85.7	0.011	BB	0.022	64.66	0.020
107	8.800		0.0000	0.000	29.1	0.004	BB	0.008	62.61	0.020
108	8.816		0.0000	0.000	63.7	0.008	BB	0.015	72.32	0.023
109	8.883		0.0000	0.000	45.3	0.006	BB	0.011	71.33	0.022
110	8.900		0.0000	0.000	26.6	0.003	BB	0.007	65.48	0.020
111	8.933		0.0000	0.000	36.4	0.005	BB	0.011	57.04	0.018
112	8.966		0.0000	0.000	15.8	0.002	BB	0.005	48.95	0.015
113	8.983		0.0000	0.000	62.1	0.008	BB	0.013	80.30	0.025
114	9.033		0.0000	0.000	28.1	0.003	BB	0.007	63.67	0.020
115	9.050		0.0000	0.000	34.5	0.004	BB	0.008	71.93	0.022
116	9.066		0.0000	0.000	64.5	0.008	BB	0.011	94.48	0.029
117	9.099		0.0000	0.000	55.5	0.007	BB	0.015	63.05	0.020
118	9.149		0.0000	0.000	51.7	0.006	BB	0.012	71.52	0.022
119	9.167		0.0000	0.000	23.3	0.003	BB	0.007	54.84	0.017
120	9.184		0.0000	0.000	27.7	0.003	BB	0.007	62.76	0.020
121	9.216		0.0000	0.000	108.8	0.013	BB	0.022	82.36	0.026
122	9.266		0.0000	0.000	54.7	0.007	BB	0.015	60.25	0.019
123	9.299		0.0000	0.000	59.0	0.007	BB	0.017	56.61	0.018
124	9.334		0.0000	0.000	22.7	0.003	BB	0.009	40.99	0.013
125	9.350		0.0000	0.000	26.5	0.003	BB	0.008	56.67	0.018
126	9.383		0.0000	0.000	62.0	0.008	BB	0.016	65.77	0.020
127	9.417		0.0000	0.000	18.7	0.002	BB	0.006	54.21	0.017
128	9.433		0.0000	0.000	24.7	0.003	BB	0.007	55.22	0.017
129	9.466		0.0000	0.000	66.8	0.008	BB	0.017	64.72	0.020
130	9.500		0.0000	0.000	22.2	0.003	BB	0.007	55.77	0.017
131	9.533		0.0000	0.000	20.4	0.003	BB	0.007	51.85	0.016
132	9.616		0.0000	0.000	33.2	0.004	BB	0.008	70.06	0.022

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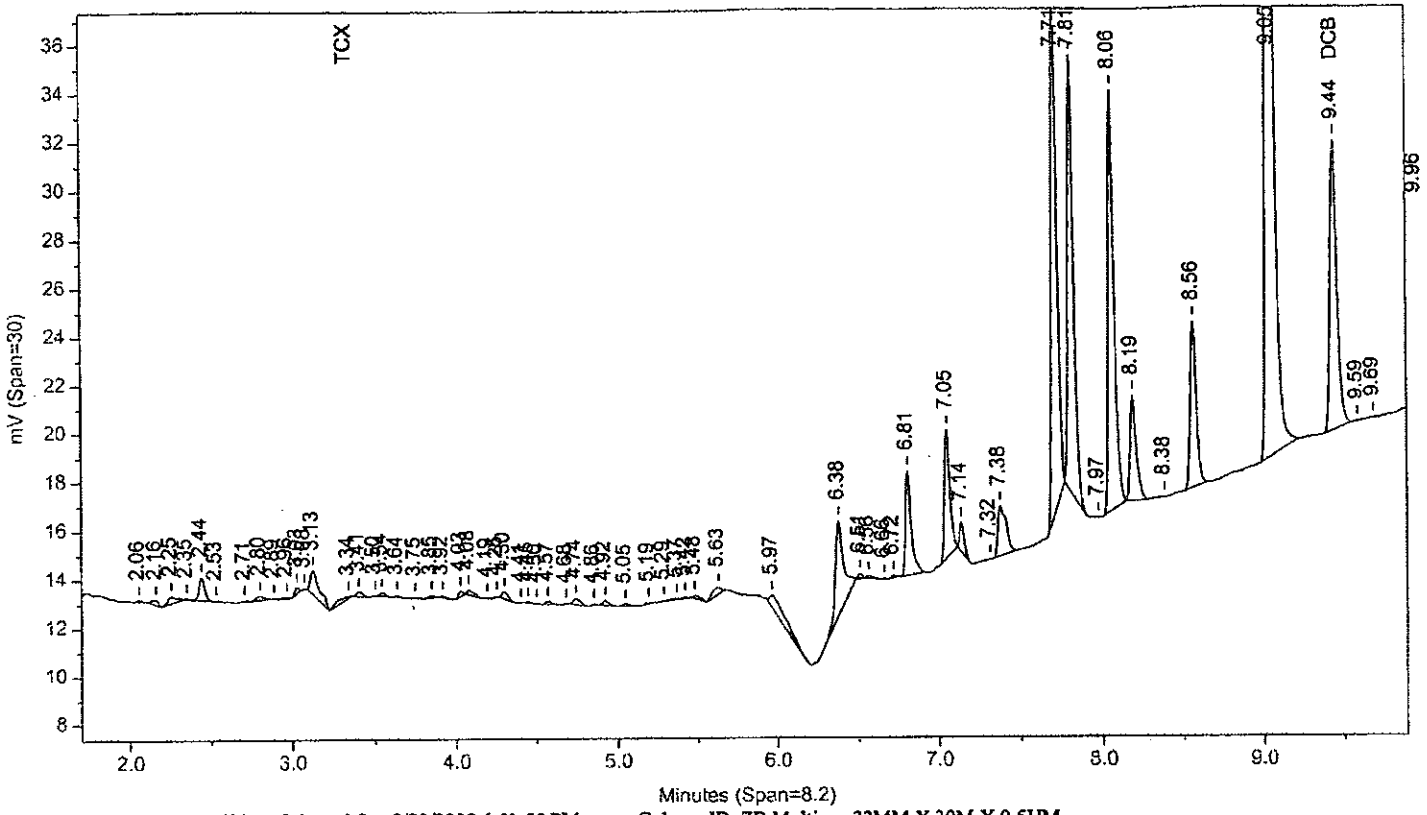
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.633		0.0000	0.000	34.9	0.004	BB	0.010	56.64	0.018
134	9.666		0.0000	0.000	41.9	0.005	BB	0.010	69.44	0.022
135	9.683		0.0000	0.000	58.7	0.007	BB	0.014	69.61	0.022
136	9.716		0.0000	0.000	4365.7	0.541	BB	0.305	238.48	0.074
137	9.933		0.0000	0.000	8974.7	1.113	BB	0.079	1894.93	0.590
138	9.966		0.0000	0.000	213.9	0.027	BB	0.027	129.87	0.040

Total Area = 806447.1, Total Amount = 5.926, Total Height = 321014.7, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.29R

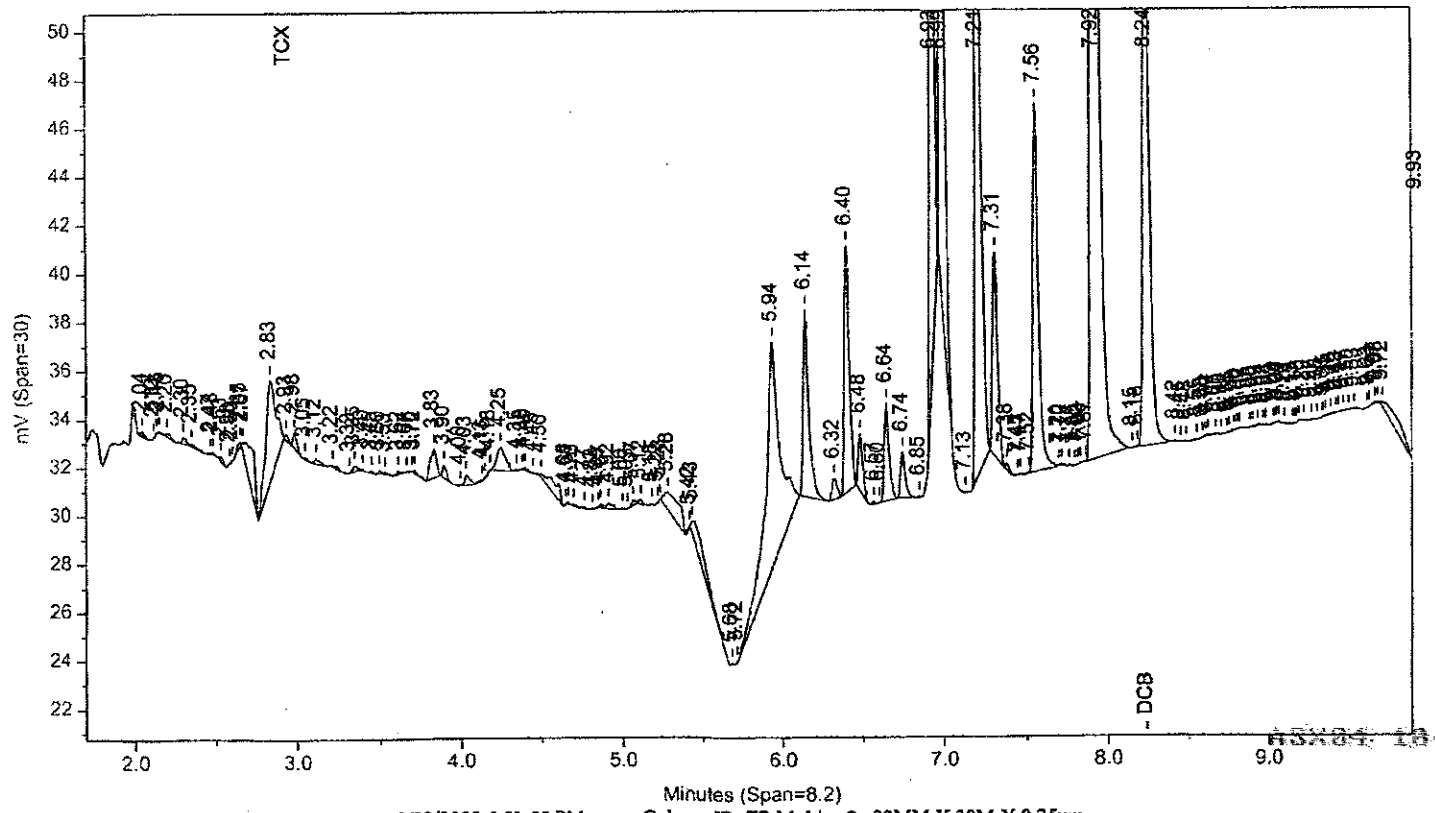
——— C:\CPWIN\DATA1\1P2235.29R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 6:51:55 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.29R

——— C:\CPWIN\DATA1\1P2235B.29R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:51:55 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

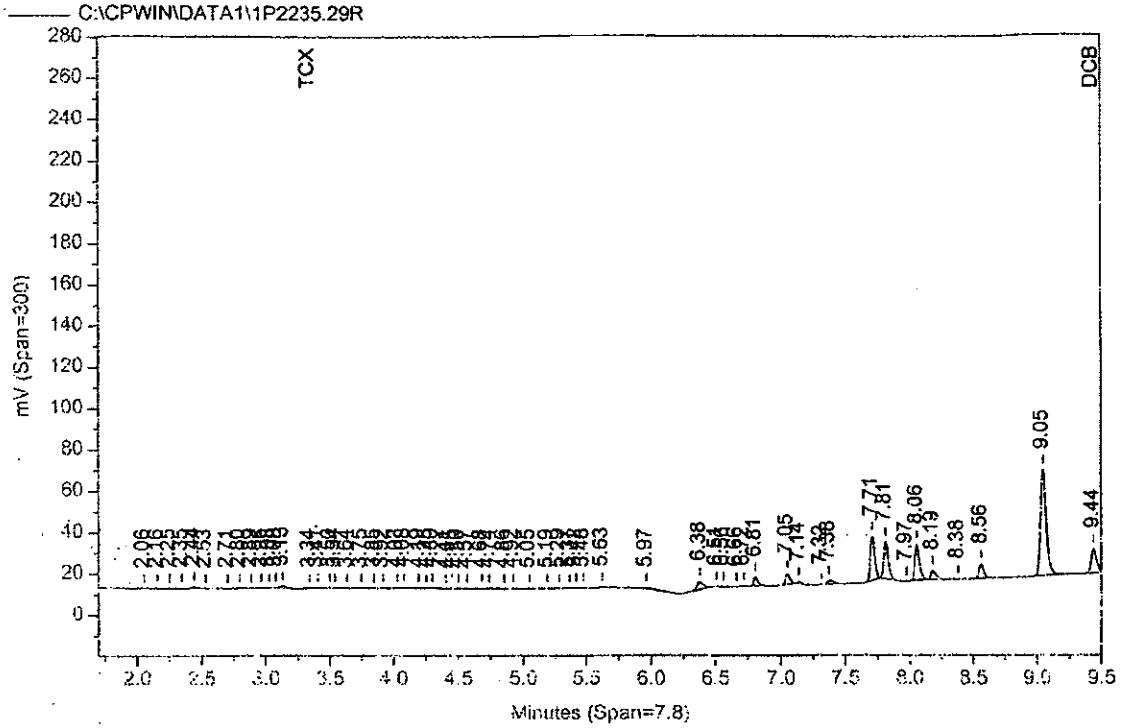
Dilution Factor: 1

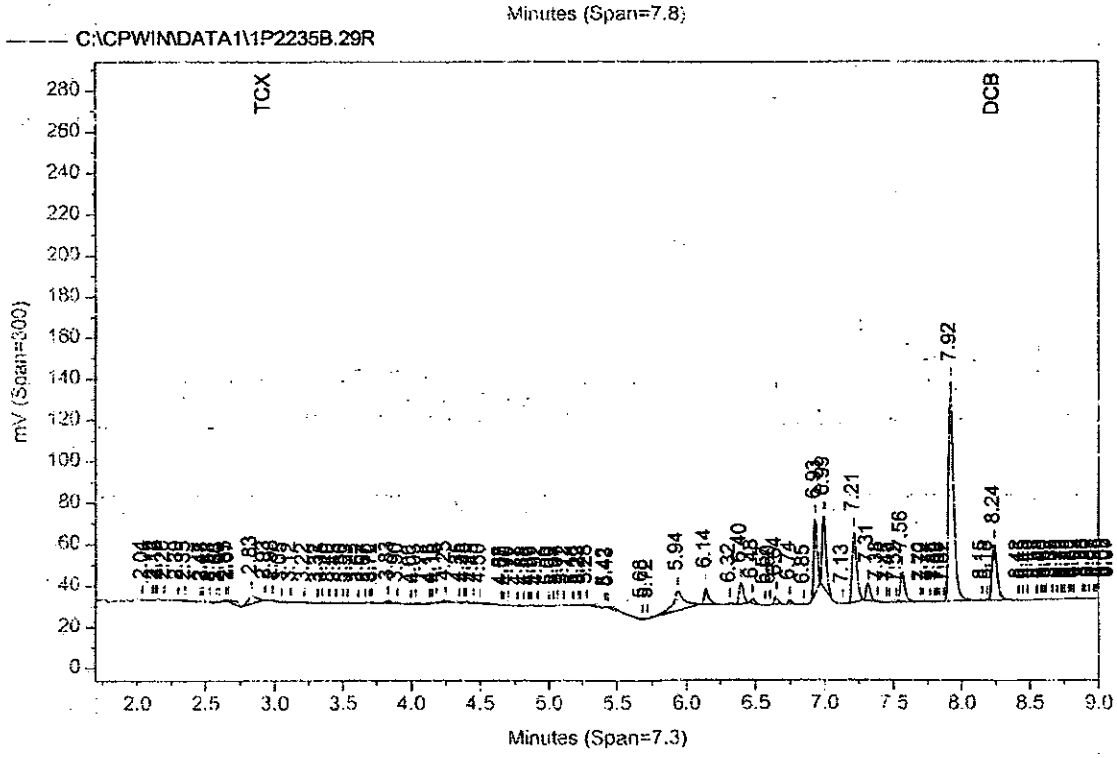
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.343	73	.02293	TCX	2.933	242	.04545	TCX
9.44	11905	5.20708	DCB	8.239	27045	5.8802	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.29A
Area File: C:\CPWIN\DATA1\1P2235B.29A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:38:10 AM
File Reported On: 8/25/2008 at 11:38:18 AM

10X REPLOTS

ASX04 1846


C:\CPWIN\DATA1\1P2235.29R
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\1P2235B.29R
TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

ASX84 1047

Sample Name: **AR6820824A AAAR682AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 07:16:24pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.30R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	71.8	0.009	BB	0.046	26.12	0.009
2	2.160		0.0000	0.000	270.6	0.033	BB	0.045	101.08	0.035
3	2.254		0.0000	0.000	267.5	0.033	BB	0.043	103.21	0.036
4	2.355		0.0000	0.000	34.7	0.004	BB	0.021	26.94	0.009
5	2.444		0.0000	0.000	2084.5	0.257	BB	0.038	910.33	0.314
6	2.600		0.0000	0.000	99.8	0.012	BB	0.048	34.84	0.012
7	2.719		0.0000	0.000	93.8	0.012	BB	0.048	32.43	0.011
8	2.801		0.0000	0.000	328.1	0.040	BB	0.078	69.83	0.024
9	2.949		0.0000	0.000	97.9	0.012	BB	0.039	42.16	0.015
10	3.036		0.0000	0.000	267.8	0.033	BB	0.035	128.77	0.044
11	3.129		0.0000	0.000	3866.9	0.477	BB	0.107	603.51	0.208
12	3.349	TCX	0.0311	0.303	1656.2	0.204	BB	0.278	99.13	0.034
13	3.406		0.0000	0.000	290.8	0.036	BB	0.045	108.09	0.037
14	3.542		0.0000	0.000	139.8	0.017	BB	0.034	68.99	0.024
15	3.759		0.0000	0.000	151.7	0.019	BB	0.061	41.48	0.014
16	3.847		0.0000	0.000	28.5	0.004	BB	0.023	20.76	0.007
17	3.923		0.0000	0.000	58.1	0.007	BB	0.024	40.88	0.014
18	4.035		0.0000	0.000	145.0	0.018	BB	0.031	78.78	0.027
19	4.080		0.0000	0.000	378.4	0.047	BB	0.076	83.30	0.029
20	4.303		0.0000	0.000	1315.3	0.162	BB	0.057	381.93	0.132
21	4.450		0.0000	0.000	120.6	0.015	BB	0.038	52.84	0.018
22	4.576		0.0000	0.000	781.6	0.096	BB	0.045	288.40	0.099
23	4.747		0.0000	0.000	1298.3	0.160	BB	0.060	360.80	0.124
24	4.855		0.0000	0.000	76.8	0.009	BB	0.023	54.73	0.019
25	4.923		0.0000	0.000	443.4	0.055	BB	0.049	149.30	0.051
26	5.048		0.0000	0.000	231.1	0.029	BB	0.040	96.76	0.033
27	5.183		0.0000	0.000	310.3	0.038	BB	0.042	124.47	0.043
28	5.367		0.0000	0.000	231.1	0.029	BB	0.080	48.18	0.017
29	5.422		0.0000	0.000	77.4	0.010	BB	0.019	68.20	0.024
30	5.453		0.0000	0.000	42.0	0.005	BB	0.018	39.55	0.014
31	5.483		0.0000	0.000	377.8	0.047	BB	0.054	116.73	0.040
32	5.636		0.0000	0.000	685.5	0.085	BB	0.064	178.29	0.061
33	5.685		0.0000	0.000	3858.6	0.476	BB	0.030	2173.16	0.749
34	5.756		0.0000	0.000	430.7	0.053	BB	0.021	341.89	0.118
35	5.966		0.0000	0.000	3461.0	0.427	BB	0.144	401.34	0.138
36	6.380		0.0000	0.000	9734.0	1.201	BB	0.045	3632.14	1.253
37	6.460		0.0000	0.000	86.3	0.011	BB	0.019	73.88	0.025
38	6.514		0.0000	0.000	862.3	0.106	BB	0.031	468.50	0.162
39	6.720		0.0000	0.000	591.9	0.073	BB	0.044	222.86	0.077
40	6.811		0.0000	0.000	21659.7	2.673	BB	0.043	8386.99	2.892
41	6.992		0.0000	0.000	154.0	0.019	BB	0.022	114.78	0.040
42	7.052		0.0000	0.000	24239.8	2.991	BB	0.039	10324.50	3.560
43	7.142		0.0000	0.000	4676.6	0.577	BB	0.033	2395.66	0.826
44	7.230		0.0000	0.000	114.6	0.014	BB	0.028	67.12	0.023
45	7.377		0.0000	0.000	14269.3	1.761	BB	0.057	4185.54	1.443
46	7.711		0.0000	0.000	94111.4	11.614	BB	0.039	40390.46	13.929
47	7.814		0.0000	0.000	83098.4	10.254	BB	0.042	33318.09	11.490
48	8.060		0.0000	0.000	85820.4	10.590	BB	0.043	32999.49	11.380
49	8.189		0.0000	0.000	21832.0	2.694	BB	0.045	8137.81	2.806
50	8.384		0.0000	0.000	55.7	0.007	BB	0.053	17.47	0.006
51	8.567		0.0000	0.000	33692.0	4.158	BB	0.044	12767.55	4.403
52	9.051		0.0000	0.000	301479.3	37.203	BB	0.051	98814.91	34.076
53	9.318		0.0000	0.000	180.5	0.022	BB	0.051	59.50	0.021
54	9.441	DCB	10.2224	99.697	72228.4	8.913	BB	0.052	23371.24	8.060
55	9.610		0.0000	0.000	183.8	0.023	BB	0.055	55.25	0.019
56	9.952		0.0000	0.000	17217.1	2.125	BB	0.107	2680.65	0.924

Total Area = 810360.6, Total Amount = 10.253, Total Height = 289981.7, Sample Units = ug/l

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Sample Name: **AR6820824A AAAR682AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 07:16:24pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.30R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.100		0.0000	0.000	22.0	0.002	BB	0.006	66.42	0.012
2	2.117		0.0000	0.000	40.2	0.003	BB	0.008	85.47	0.015
3	2.133		0.0000	0.000	47.6	0.004	BB	0.009	83.97	0.015
4	2.149		0.0000	0.000	126.8	0.009	BB	0.016	132.06	0.024
5	2.199		0.0000	0.000	26.8	0.002	BB	0.007	59.65	0.011
6	2.266		0.0000	0.000	27.1	0.002	BB	0.007	62.57	0.011
7	2.300		0.0000	0.000	39.3	0.003	BB	0.008	84.99	0.015
8	2.350		0.0000	0.000	252.1	0.019	BB	0.032	130.21	0.023
9	2.416		0.0000	0.000	51.4	0.004	BB	0.011	75.90	0.014
10	2.466		0.0000	0.000	20.0	0.001	BB	0.006	58.13	0.010
11	2.483		0.0000	0.000	91.7	0.007	BB	0.015	101.80	0.018
12	2.516		0.0000	0.000	99.5	0.007	BB	0.023	72.90	0.013
13	2.583		0.0000	0.000	32.7	0.002	BB	0.009	58.57	0.011
14	2.617		0.0000	0.000	21.9	0.002	BB	0.007	52.78	0.009
15	2.634		0.0000	0.000	55.5	0.004	BB	0.010	95.76	0.017
16	2.649		0.0000	0.000	139.5	0.010	BB	0.024	95.25	0.017
17	2.716		0.0000	0.000	2249.2	0.166	BB	0.047	791.48	0.142
18	2.834		0.0000	0.000	6822.2	0.503	BB	0.068	1667.98	0.300
19	2.884		0.0000	0.000	275.1	0.020	BB	0.032	145.42	0.026
20	2.984		0.0000	0.000	542.1	0.040	BB	0.031	291.41	0.052
21	3.116		0.0000	0.000	360.9	0.027	BB	0.039	154.01	0.028
22	3.199		0.0000	0.000	174.6	0.013	BB	0.021	140.45	0.025
23	3.283		0.0000	0.000	52.1	0.004	BB	0.013	67.20	0.012
24	3.333		0.0000	0.000	35.8	0.003	BB	0.008	73.70	0.013
25	3.350		0.0000	0.000	140.1	0.010	BB	0.018	130.21	0.023
26	3.398		0.0000	0.000	33.3	0.002	BB	0.008	72.01	0.013
27	3.433		0.0000	0.000	22.8	0.002	BB	0.006	65.78	0.012
28	3.449		0.0000	0.000	307.3	0.023	BB	0.035	146.43	0.026
29	3.549		0.0000	0.000	64.4	0.005	BB	0.013	84.32	0.015
30	3.583		0.0000	0.000	58.3	0.004	BB	0.014	68.17	0.012
31	3.616		0.0000	0.000	151.9	0.011	BB	0.023	109.00	0.020
32	3.650		0.0000	0.000	31.9	0.002	BB	0.007	73.33	0.013
33	3.683		0.0000	0.000	204.9	0.015	BB	0.024	140.44	0.025
34	3.716		0.0000	0.000	177.9	0.013	BB	0.031	96.10	0.017
35	3.817		0.0000	0.000	187.7	0.014	BB	0.025	125.40	0.023
36	3.833		0.0000	0.000	286.7	0.021	BB	0.018	259.73	0.047
37	3.899		0.0000	0.000	181.0	0.013	BB	0.016	191.72	0.034
38	3.983		0.0000	0.000	30.9	0.002	BB	0.007	79.16	0.014
39	4.018		0.0000	0.000	23.0	0.002	BB	0.007	54.38	0.010
40	4.034		0.0000	0.000	1016.2	0.075	BB	0.035	478.63	0.086
41	4.117		0.0000	0.000	50.8	0.004	BB	0.013	67.49	0.012
42	4.168		0.0000	0.000	46.1	0.003	BB	0.009	82.92	0.015
43	4.183		0.0000	0.000	74.5	0.005	BB	0.011	114.58	0.021
44	4.217		0.0000	0.000	23.8	0.002	BB	0.007	53.47	0.010
45	4.250		0.0000	0.000	2407.1	0.178	BB	0.055	734.65	0.132
46	4.350		0.0000	0.000	146.8	0.011	BB	0.016	154.71	0.028
47	4.384		0.0000	0.000	24.2	0.002	BB	0.006	64.07	0.012
48	4.399		0.0000	0.000	183.1	0.014	BB	0.020	150.83	0.027
49	4.466		0.0000	0.000	74.3	0.005	BB	0.019	65.84	0.012
50	4.551		0.0000	0.000	1777.5	0.131	BB	0.081	364.84	0.066
51	4.666		0.0000	0.000	429.6	0.032	BB	0.031	229.56	0.041
52	4.699		0.0000	0.000	216.9	0.016	BB	0.021	169.59	0.030
53	4.799		0.0000	0.000	57.0	0.004	BB	0.011	85.47	0.015
54	4.850		0.0000	0.000	23.6	0.002	BB	0.006	64.72	0.012
55	4.867		0.0000	0.000	154.6	0.011	BB	0.018	146.85	0.026
56	4.911		0.0000	0.000	324.4	0.024	BB	0.022	248.78	0.045
57	4.947		0.0000	0.000	150.1	0.011	BB	0.015	165.24	0.030
58	5.015		0.0000	0.000	41.3	0.003	BB	0.011	63.74	0.011
59	5.051		0.0000	0.000	16.3	0.001	BB	0.006	47.11	0.008
60	5.066		0.0000	0.000	56.5	0.004	BB	0.009	100.24	0.018
61	5.111		0.0000	0.000	9400.4	0.693	BB	0.032	4969.68	0.893
62	5.217		0.0000	0.000	29.9	0.002	BB	0.007	67.44	0.012

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.234		0.0000	0.000	37.3	0.003	BB	0.012	53.64	0.010
64	5.250		0.0000	0.000	38.6	0.003	BB	0.008	80.53	0.014
65	5.267		0.0000	0.000	50.1	0.004	BB	0.011	74.89	0.013
66	5.282		0.0000	0.000	144.2	0.011	BB	0.017	145.36	0.026
67	5.349		0.0000	0.000	692.0	0.051	BB	0.039	296.92	0.053
68	5.417		0.0000	0.000	104.2	0.008	BB	0.015	113.16	0.020
69	5.449		0.0000	0.000	1816.1	0.134	BB	0.071	423.41	0.076
70	5.683		0.0000	0.000	49.8	0.004	BB	0.009	91.35	0.016
71	5.936		0.0000	0.000	38240.9	2.820	BB	0.075	8493.30	1.526
72	6.050		0.0000	0.000	575.5	0.042	BB	0.023	421.00	0.076
73	6.144		0.0000	0.000	36666.3	2.704	BB	0.041	15019.71	2.698
74	6.323		0.0000	0.000	2739.6	0.202	BB	0.036	1250.96	0.225
75	6.395		0.0000	0.000	42220.9	3.113	BB	0.037	19087.49	3.429
76	6.480		0.0000	0.000	8999.0	0.664	BB	0.032	4646.66	0.835
77	6.550		0.0000	0.000	149.9	0.011	BB	0.016	155.43	0.028
78	6.644		0.0000	0.000	16992.5	1.253	BB	0.035	7985.68	1.434
79	6.744		0.0000	0.000	7961.2	0.587	BB	0.034	3876.37	0.696
80	6.849		0.0000	0.000	40.7	0.003	BB	0.009	74.53	0.013
81	6.930		0.0000	0.000	120129.6	8.858	BB	0.031	65304.21	11.730
82	6.993		0.0000	0.000	123870.6	9.134	BB	0.033	62301.13	11.191
83	7.133		0.0000	0.000	90.7	0.007	BB	0.014	110.09	0.020
84	7.210		0.0000	0.000	146636.4	10.813	BB	0.039	63443.38	11.396
85	7.314		0.0000	0.000	34006.7	2.508	BB	0.034	16630.61	2.987
86	7.384		0.0000	0.000	894.7	0.066	BB	0.024	618.26	0.111
87	7.466		0.0000	0.000	51.4	0.004	BB	0.013	66.45	0.012
88	7.483		0.0000	0.000	29.9	0.002	BB	0.007	70.63	0.013
89	7.500		0.0000	0.000	34.8	0.003	BB	0.009	64.00	0.011
90	7.558		0.0000	0.000	68482.3	5.050	BB	0.040	28484.20	5.116
91	7.700		0.0000	0.000	27.1	0.002	BB	0.006	76.53	0.014
92	7.716		0.0000	0.000	57.0	0.004	BB	0.013	74.38	0.013
93	7.750		0.0000	0.000	28.2	0.002	BB	0.006	75.68	0.014
94	7.767		0.0000	0.000	40.2	0.003	BB	0.010	65.70	0.012
95	7.783		0.0000	0.000	98.1	0.007	BB	0.015	111.60	0.020
96	7.833		0.0000	0.000	17.6	0.001	BB	0.006	48.51	0.009
97	7.850		0.0000	0.000	31.4	0.002	BB	0.007	78.84	0.014
98	7.917		0.0000	0.000	523625.3	38.612	BB	0.047	187156.00	33.618
99	8.241	DCB	10.7090	100.000	132896.2	9.800	BB	0.045	49253.58	8.847
100	8.416		0.0000	0.000	24.8	0.002	BB	0.006	68.07	0.012
101	8.433		0.0000	0.000	31.7	0.002	BB	0.008	63.81	0.011
102	8.466		0.0000	0.000	157.4	0.012	BB	0.028	93.94	0.017
103	8.533		0.0000	0.000	23.4	0.002	BB	0.005	70.99	0.013
104	8.550		0.0000	0.000	28.4	0.002	BB	0.006	78.27	0.014
105	8.566		0.0000	0.000	35.3	0.003	BB	0.008	69.95	0.013
106	8.616		0.0000	0.000	523.5	0.039	BB	0.037	235.18	0.042
107	8.733		0.0000	0.000	60.0	0.004	BB	0.012	82.77	0.015
108	8.750		0.0000	0.000	65.7	0.005	BB	0.013	81.53	0.015
109	8.800		0.0000	0.000	27.1	0.002	BB	0.007	62.77	0.011
110	8.833		0.0000	0.000	96.6	0.007	BB	0.019	85.09	0.015
111	8.883		0.0000	0.000	151.9	0.011	BB	0.027	95.20	0.017
112	8.933		0.0000	0.000	95.1	0.007	BB	0.018	88.82	0.016
113	8.967		0.0000	0.000	25.7	0.002	BB	0.006	68.65	0.012
114	9.000		0.0000	0.000	69.8	0.005	BB	0.016	74.60	0.013
115	9.033		0.0000	0.000	32.7	0.002	BB	0.007	76.49	0.014
116	9.050		0.0000	0.000	80.7	0.006	BB	0.013	102.85	0.018
117	9.100		0.0000	0.000	23.0	0.002	BB	0.006	63.99	0.011
118	9.116		0.0000	0.000	29.1	0.002	BB	0.006	80.86	0.015
119	9.150		0.0000	0.000	20.9	0.002	BB	0.006	62.79	0.011
120	9.184		0.0000	0.000	32.9	0.002	BB	0.008	65.33	0.012
121	9.200		0.0000	0.000	62.4	0.005	BB	0.013	82.57	0.015
122	9.267		0.0000	0.000	36.7	0.003	BB	0.012	53.06	0.010
123	9.300		0.0000	0.000	26.2	0.002	BB	0.005	81.36	0.015
124	9.333		0.0000	0.000	103.6	0.008	BB	0.020	87.96	0.016
125	9.366		0.0000	0.000	31.8	0.002	BB	0.008	70.14	0.013
126	9.400		0.0000	0.000	55.6	0.004	BB	0.012	74.60	0.013
127	9.433		0.0000	0.000	52.0	0.004	BB	0.015	59.64	0.011
128	9.466		0.0000	0.000	158.8	0.012	BB	0.023	116.05	0.021
129	9.500		0.0000	0.000	31.3	0.002	BB	0.008	69.36	0.012
130	9.517		0.0000	0.000	20.8	0.002	BB	0.007	51.92	0.009
131	9.533		0.0000	0.000	39.3	0.003	BB	0.008	83.68	0.015
132	9.600		0.0000	0.000	28.1	0.002	BB	0.008	61.96	0.011

ASX84 1850

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.617		0.0000	0.000	27.1	0.002	BB	0.007	62.05	0.011
134	9.633		0.0000	0.000	34.6	0.003	BB	0.007	78.62	0.014
135	9.650		0.0000	0.000	28.5	0.002	BB	0.006	75.34	0.014
136	9.683		0.0000	0.000	27.1	0.002	BB	0.006	70.63	0.013
137	9.716		0.0000	0.000	5801.5	0.428	BB	0.213	452.91	0.081
138	9.933		0.0000	0.000	9032.7	0.666	BB	0.080	1878.94	0.338
139	9.949		0.0000	0.000	100.4	0.007	BB	0.021	79.91	0.014

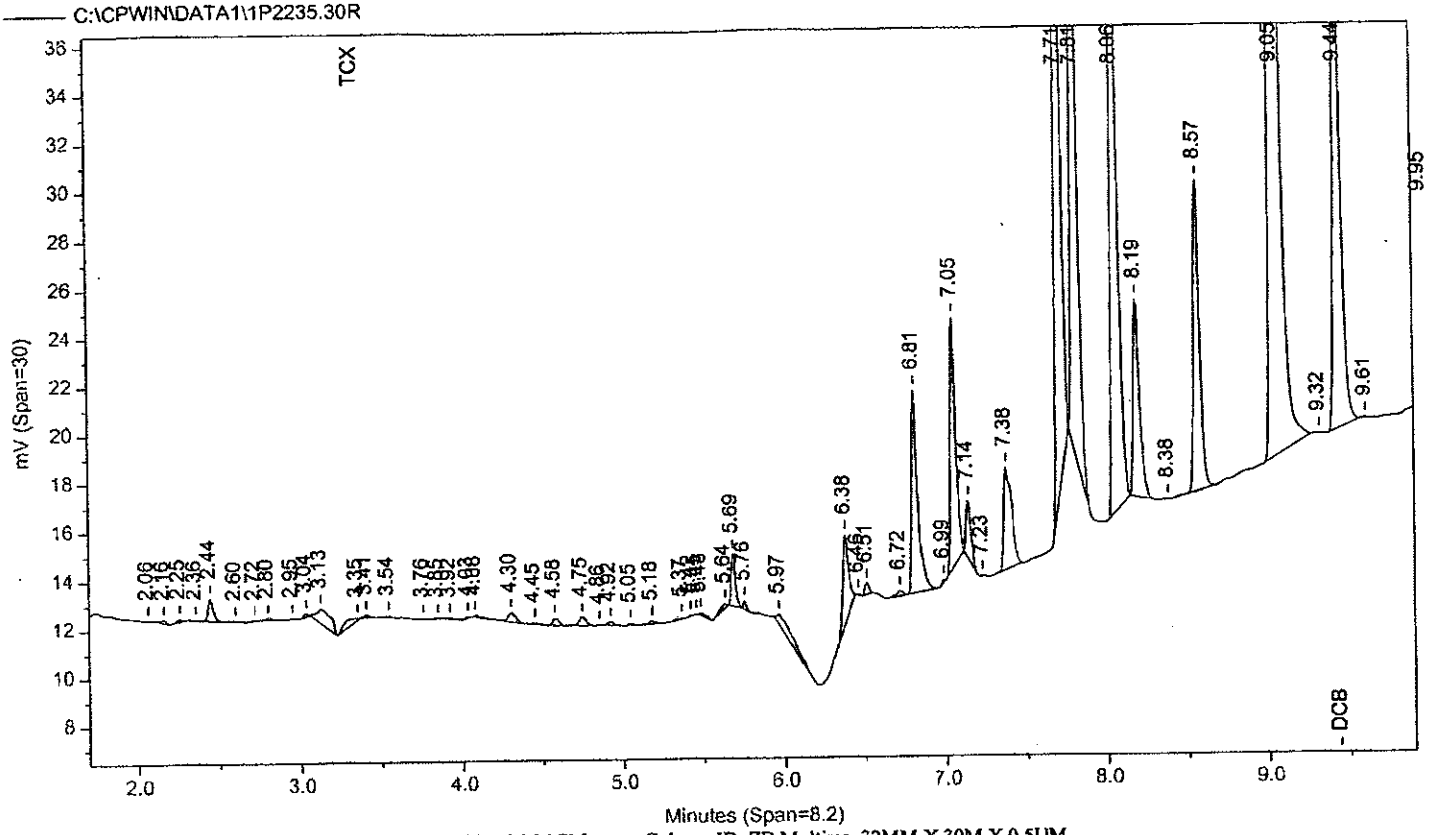
Total Area = 1356134.0, Total Amount = 10.709, Total Height = 556721.5, Sample Units = ug/l

ASX84 1051

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\1P2235.30R

C:\CPWIN\DATA1\1P2235.30R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 7:06:24 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.30R

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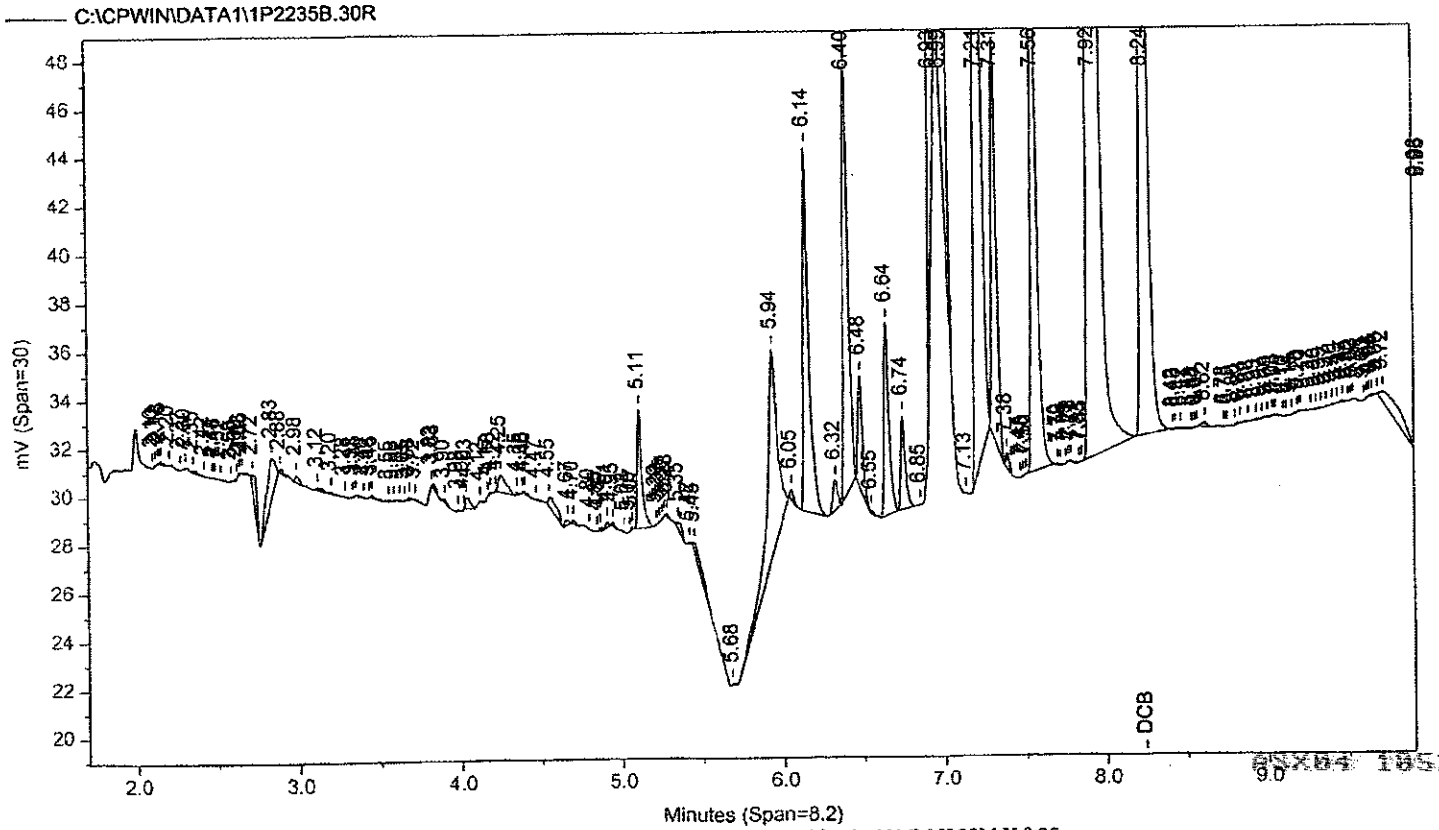


Instrument ID: CP02--H2601B Injected On: 8/23/2008 7:06:24 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

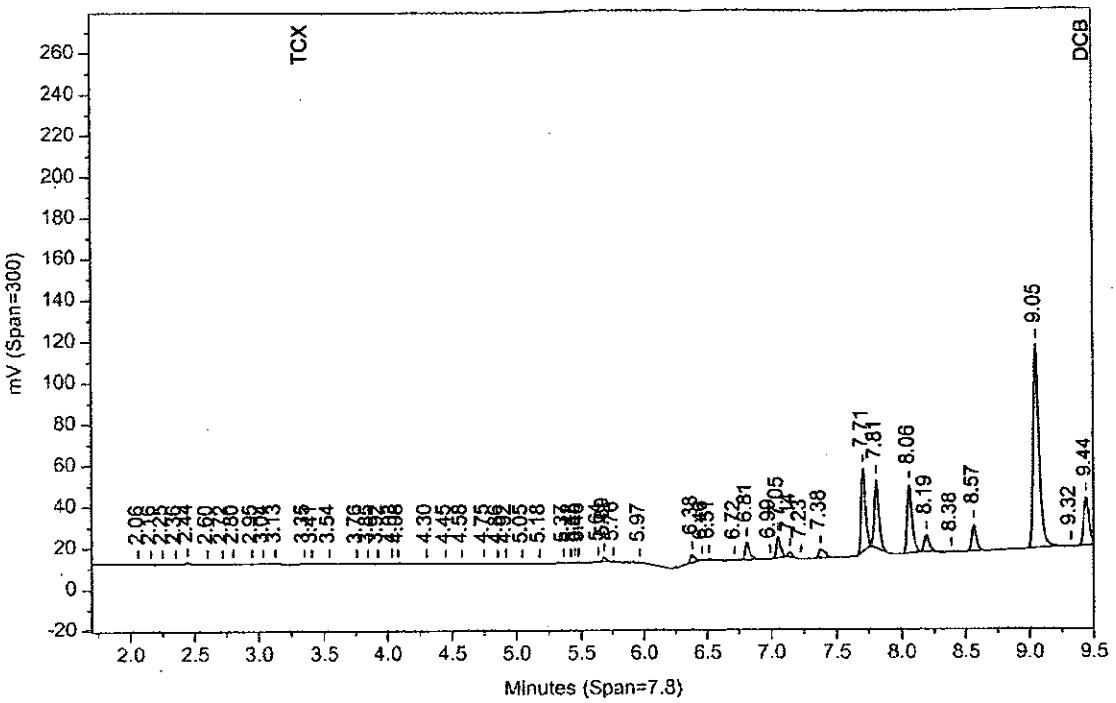
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	99	.03109	TCX	.	0	.	TCX
9.441	23371	10.22236	DCB	8.241	49254	10.70897	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.30A
Area File: C:\CPWIN\DATA1\1P2235B.30A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:38:28 AM
File Reported On: 8/25/2008 at 11:38:36 AM

10X REPLOTS

ASX04-1853

C:\CPWIN\DATA1\1P2235.30R



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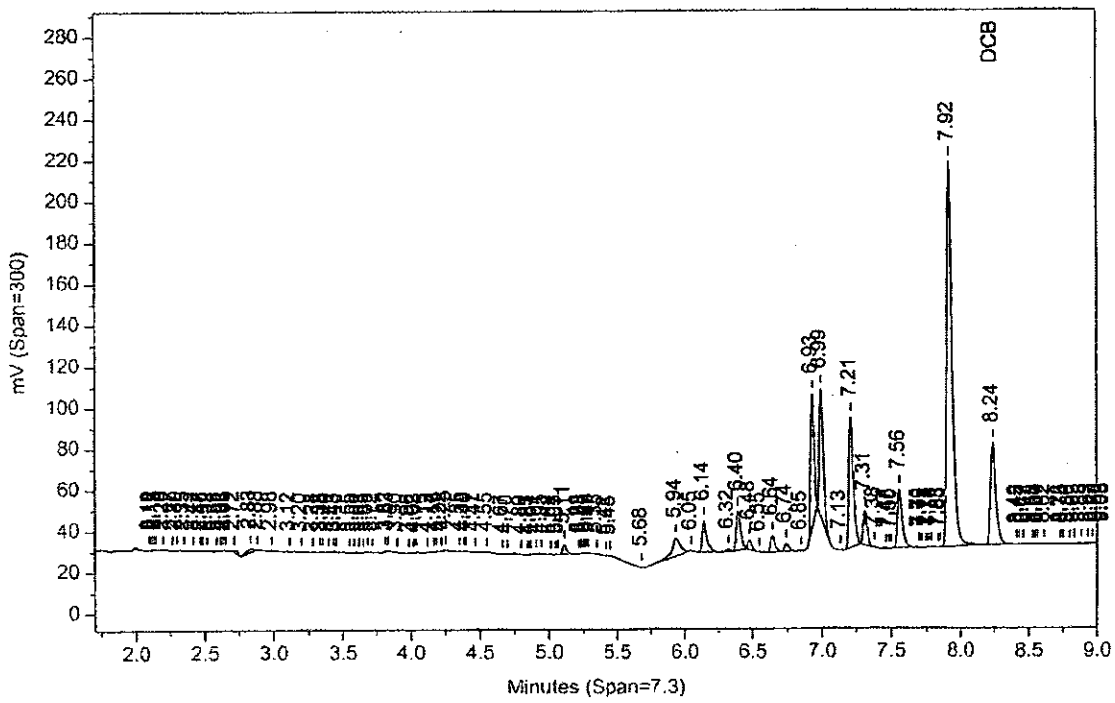


Sample Name: **AR6830824A AAAR683AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 07:30:51pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.31R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.054		0.0000	0.000	99.7	0.006	BB	0.041	40.16	0.008
2	2.158		0.0000	0.000	355.4	0.023	BB	0.044	133.63	0.025
3	2.251		0.0000	0.000	375.5	0.024	BB	0.036	173.37	0.033
4	2.350		0.0000	0.000	100.4	0.006	BB	0.026	64.75	0.012
5	2.442		0.0000	0.000	1956.4	0.126	BB	0.038	847.86	0.159
6	2.600		0.0000	0.000	105.1	0.007	BB	0.040	43.87	0.008
7	2.713		0.0000	0.000	139.4	0.009	BB	0.054	42.93	0.008
8	2.799		0.0000	0.000	611.3	0.039	BB	0.070	145.34	0.027
9	2.961		0.0000	0.000	121.3	0.008	BB	0.044	45.58	0.009
10	3.029		0.0000	0.000	1001.4	0.065	BB	0.044	375.22	0.070
11	3.127		0.0000	0.000	3082.8	0.199	BB	0.092	560.41	0.105
12	3.340	TCX	0.0477	0.249	1593.8	0.103	BB	0.175	151.96	0.028
13	3.401		0.0000	0.000	359.5	0.023	BB	0.040	149.11	0.028
14	3.495		0.0000	0.000	61.6	0.004	BB	0.026	39.42	0.007
15	3.540		0.0000	0.000	165.6	0.011	BB	0.035	79.92	0.015
16	3.638		0.0000	0.000	80.6	0.005	BB	0.032	41.56	0.008
17	3.763		0.0000	0.000	194.3	0.013	BB	0.049	65.82	0.012
18	3.843		0.0000	0.000	117.5	0.008	BB	0.045	43.73	0.008
19	3.916		0.0000	0.000	97.6	0.006	BB	0.025	64.76	0.012
20	4.026		0.0000	0.000	292.1	0.019	BB	0.030	161.13	0.030
21	4.082		0.0000	0.000	101.8	0.007	BB	0.024	70.86	0.013
22	4.110		0.0000	0.000	180.4	0.012	BB	0.041	73.18	0.014
23	4.253		0.0000	0.000	31.2	0.002	BB	0.021	25.13	0.005
24	4.300		0.0000	0.000	1082.6	0.070	BB	0.045	404.43	0.076
25	4.446		0.0000	0.000	85.2	0.005	BB	0.035	40.85	0.008
26	4.499		0.0000	0.000	37.8	0.002	BB	0.017	37.27	0.007
27	4.583		0.0000	0.000	1104.9	0.071	BB	0.048	379.74	0.071
28	4.648		0.0000	0.000	67.9	0.004	BB	0.021	54.51	0.010
29	4.744		0.0000	0.000	1067.7	0.069	BB	0.052	343.16	0.064
30	4.856		0.0000	0.000	197.4	0.013	BB	0.026	127.18	0.024
31	4.923		0.0000	0.000	619.4	0.040	BB	0.046	223.30	0.042
32	5.046		0.0000	0.000	673.8	0.043	BB	0.048	233.97	0.044
33	5.130		0.0000	0.000	31.7	0.002	BB	0.020	25.98	0.005
34	5.180		0.0000	0.000	369.1	0.024	BB	0.032	189.78	0.036
35	5.364		0.0000	0.000	206.1	0.013	BB	0.064	53.62	0.010
36	5.420		0.0000	0.000	118.5	0.008	BB	0.023	84.86	0.016
37	5.447		0.0000	0.000	107.9	0.007	BB	0.017	104.34	0.020
38	5.481		0.0000	0.000	388.6	0.025	BB	0.028	234.72	0.044
39	5.634		0.0000	0.000	4156.1	0.268	BB	0.097	714.16	0.134
40	5.757		0.0000	0.000	45.3	0.003	BB	0.019	40.63	0.008
41	5.794		0.0000	0.000	42.2	0.003	BB	0.022	31.36	0.006
42	5.841		0.0000	0.000	171.4	0.011	BB	0.044	64.77	0.012
43	5.916		0.0000	0.000	80.3	0.005	BB	0.023	57.45	0.011
44	5.963		0.0000	0.000	4167.3	0.269	BB	0.171	405.70	0.076
45	6.377		0.0000	0.000	9465.5	0.610	BB	0.045	3515.27	0.659
46	6.446		0.0000	0.000	184.9	0.012	BB	0.021	144.55	0.027
47	6.510		0.0000	0.000	1417.3	0.091	BB	0.028	852.86	0.160
48	6.559		0.0000	0.000	787.5	0.051	BB	0.045	288.76	0.054
49	6.717		0.0000	0.000	1296.8	0.084	BB	0.046	473.25	0.089
50	6.807		0.0000	0.000	41925.4	2.702	BB	0.043	16376.25	3.071
51	6.987		0.0000	0.000	358.1	0.023	BB	0.024	244.72	0.046
52	7.048		0.0000	0.000	47748.9	3.077	BB	0.040	20029.03	3.756
53	7.139		0.0000	0.000	9647.0	0.622	BB	0.033	4865.24	0.912
54	7.226		0.0000	0.000	200.5	0.013	BB	0.024	141.28	0.026
55	7.374		0.0000	0.000	28876.4	1.861	BB	0.057	8424.51	1.580
56	7.530		0.0000	0.000	106.1	0.007	BB	0.029	61.13	0.011
57	7.705		0.0000	0.000	179923.5	11.596	BB	0.039	77054.98	14.449
58	7.808		0.0000	0.000	162788.1	10.492	BB	0.042	64939.84	12.177
59	8.055		0.0000	0.000	168356.9	10.851	BB	0.045	62083.79	11.641
60	8.184		0.0000	0.000	43122.6	2.779	BB	0.045	15876.18	2.977
61	8.497		0.0000	0.000	257.4	0.017	BB	0.101	42.41	0.008
62	8.559		0.0000	0.000	62527.4	4.030	BB	0.044	23669.10	4.438

ASX84 1855

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.743		0.0000	0.000	332.5	0.021	BB	0.052	106.41	0.020
64	9.042		0.0000	0.000	599597.9	38.644	BB	0.056	178762.80	33.520
65	9.438	DCB	19.0882	99.751	145347.9	9.368	BB	0.056	43641.16	8.183
66	9.944		0.0000	0.000	21288.2	1.372	BB	0.080	4420.73	0.829

Total Area = 1551603.0, Total Amount = 19.136, Total Height = 533305.8, Sample Units = ug/l

ASXB4: 185G

Sample Name: **AR6830824A AAAR683AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 07:30:51pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.31R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.036		0.0000	0.000	221.1	0.009	BB	0.021	179.11	0.018
2	2.103		0.0000	0.000	30.7	0.001	BB	0.008	67.31	0.007
3	2.120		0.0000	0.000	31.5	0.001	BB	0.008	69.27	0.007
4	2.137		0.0000	0.000	346.9	0.014	BB	0.027	212.39	0.021
5	2.203		0.0000	0.000	215.5	0.009	BB	0.026	139.52	0.014
6	2.287		0.0000	0.000	22.3	0.001	BB	0.006	57.93	0.006
7	2.303		0.0000	0.000	216.9	0.009	BB	0.021	175.54	0.018
8	2.353		0.0000	0.000	353.8	0.014	BB	0.035	166.67	0.017
9	2.486		0.0000	0.000	761.1	0.031	BB	0.059	214.19	0.021
10	2.586		0.0000	0.000	63.9	0.003	BB	0.015	72.49	0.007
11	2.637		0.0000	0.000	15471.7	0.621	BB	0.162	1589.12	0.159
12	2.836		0.0000	0.000	7928.5	0.318	BB	0.069	1903.91	0.190
13	2.887		0.0000	0.000	946.2	0.038	BB	0.033	471.71	0.047
14	2.986		0.0000	0.000	985.5	0.040	BB	0.032	508.80	0.051
15	3.104		0.0000	0.000	19.6	0.001	BB	0.006	57.41	0.006
16	3.120		0.0000	0.000	172.1	0.007	BB	0.021	139.08	0.014
17	3.187		0.0000	0.000	310.3	0.012	BB	0.042	122.77	0.012
18	3.337		0.0000	0.000	33.2	0.001	BB	0.008	66.26	0.007
19	3.353		0.0000	0.000	279.8	0.011	BB	0.027	170.94	0.017
20	3.437		0.0000	0.000	24.0	0.001	BB	0.008	52.65	0.005
21	3.453		0.0000	0.000	105.3	0.004	BB	0.014	128.37	0.013
22	3.487		0.0000	0.000	175.2	0.007	BB	0.025	117.68	0.012
23	3.536		0.0000	0.000	65.2	0.003	BB	0.011	99.07	0.010
24	3.586		0.0000	0.000	72.1	0.003	BB	0.017	70.90	0.007
25	3.619		0.0000	0.000	201.3	0.008	BB	0.022	155.30	0.016
26	3.670		0.0000	0.000	38.0	0.002	BB	0.010	62.37	0.006
27	3.686		0.0000	0.000	171.5	0.007	BB	0.024	118.29	0.012
28	3.831		0.0000	0.000	2690.5	0.108	BB	0.047	958.82	0.096
29	3.895		0.0000	0.000	663.9	0.027	BB	0.028	390.44	0.039
30	3.987		0.0000	0.000	37.6	0.002	BB	0.009	72.53	0.007
31	4.036		0.0000	0.000	623.3	0.025	BB	0.023	443.08	0.044
32	4.086		0.0000	0.000	48.3	0.002	BB	0.017	47.37	0.005
33	4.120		0.0000	0.000	798.3	0.032	BB	0.028	469.95	0.047
34	4.186		0.0000	0.000	407.9	0.016	BB	0.032	215.17	0.022
35	4.247		0.0000	0.000	2598.2	0.104	BB	0.059	736.30	0.074
36	4.353		0.0000	0.000	211.6	0.008	BB	0.016	225.37	0.023
37	4.387		0.0000	0.000	651.7	0.026	BB	0.033	327.63	0.033
38	4.470		0.0000	0.000	54.7	0.002	BB	0.012	75.99	0.008
39	4.503		0.0000	0.000	90.8	0.004	BB	0.013	119.75	0.012
40	4.554		0.0000	0.000	1989.9	0.080	BB	0.067	497.38	0.050
41	4.669		0.0000	0.000	67.2	0.003	BB	0.012	91.19	0.009
42	4.702		0.0000	0.000	625.1	0.025	BB	0.026	400.33	0.040
43	4.769		0.0000	0.000	243.3	0.010	BB	0.022	183.85	0.018
44	4.870		0.0000	0.000	286.5	0.011	BB	0.019	245.81	0.025
45	4.910		0.0000	0.000	615.7	0.025	BB	0.022	468.25	0.047
46	4.943		0.0000	0.000	864.1	0.035	BB	0.037	387.09	0.039
47	5.086		0.0000	0.000	430.7	0.017	BB	0.071	101.69	0.010
48	5.113		0.0000	0.000	728.1	0.029	BB	0.026	469.19	0.047
49	5.153		0.0000	0.000	273.5	0.011	BB	0.022	202.71	0.020
50	5.221		0.0000	0.000	27.3	0.001	BB	0.007	63.05	0.006
51	5.237		0.0000	0.000	34.4	0.001	BB	0.008	75.71	0.008
52	5.254		0.0000	0.000	46.4	0.002	BB	0.011	69.13	0.007
53	5.271		0.0000	0.000	593.6	0.024	BB	0.038	263.57	0.026
54	5.353		0.0000	0.000	683.9	0.027	BB	0.031	371.81	0.037
55	5.420		0.0000	0.000	156.1	0.006	BB	0.023	114.04	0.011
56	5.446		0.0000	0.000	3187.9	0.128	BB	0.086	616.33	0.062
57	5.686		0.0000	0.000	301.7	0.012	BB	0.021	238.03	0.024
58	5.787		0.0000	0.000	745.5	0.030	BB	0.102	121.65	0.012
59	5.812		0.0000	0.000	269.9	0.011	BB	0.027	164.18	0.016
60	5.936		0.0000	0.000	37921.9	1.522	BB	0.066	9505.34	0.950
61	6.052		0.0000	0.000	1481.7	0.059	BB	0.030	831.08	0.083
62	6.142		0.0000	0.000	70346.6	2.823	BB	0.041	28303.89	2.829

ASX84 1857

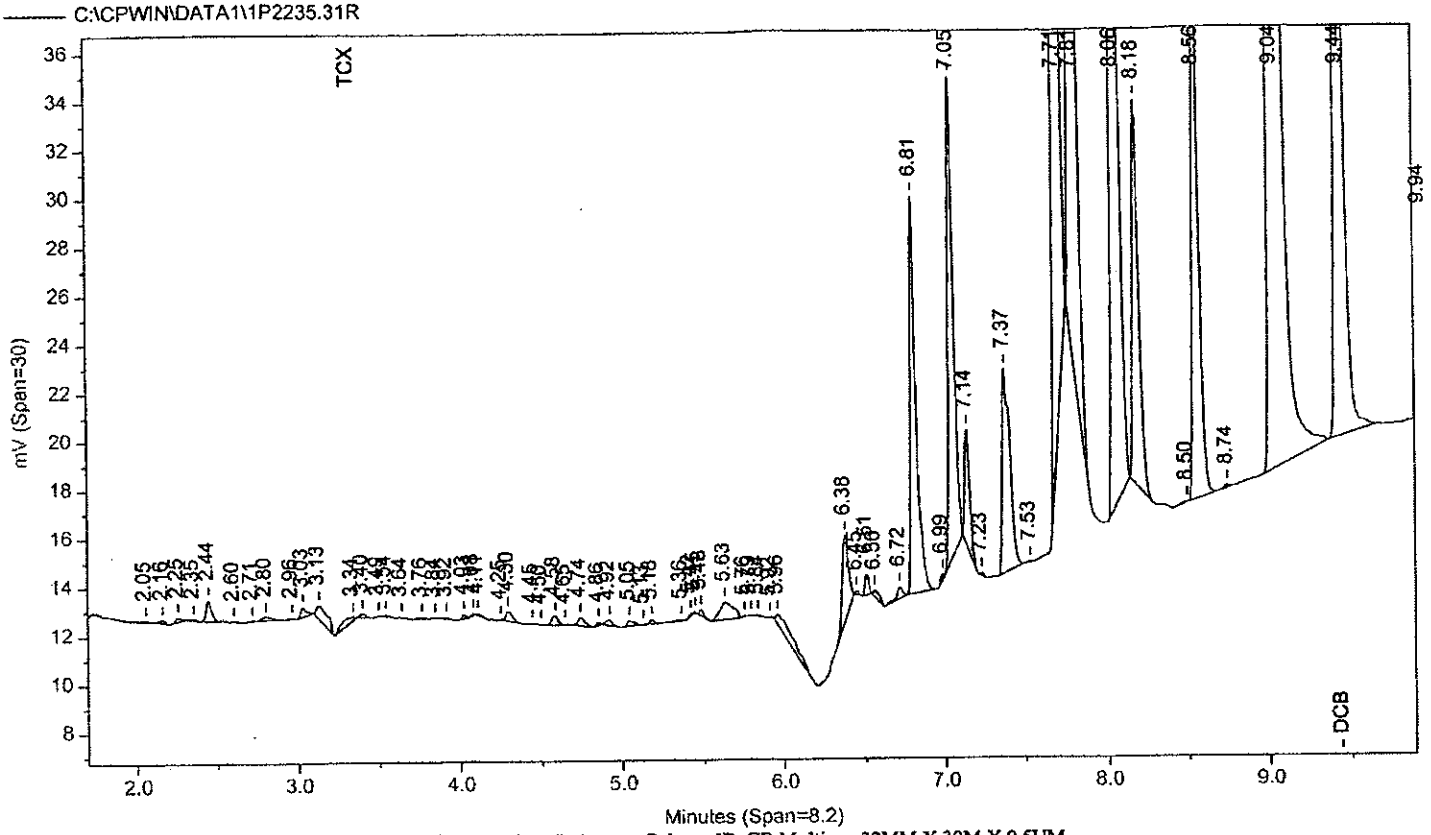
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.321		0.0000	0.000	3428.9	0.138	BB	0.033	1747.96	0.175
64	6.394		0.0000	0.000	79382.8	3.186	BB	0.037	35858.27	3.585
65	6.479		0.0000	0.000	16804.0	0.674	BB	0.032	8708.26	0.871
66	6.644		0.0000	0.000	33199.5	1.332	BB	0.036	15546.89	1.554
67	6.742		0.0000	0.000	16111.1	0.647	BB	0.035	7743.99	0.774
68	6.837		0.0000	0.000	90.7	0.004	BB	0.016	97.13	0.010
69	6.929		0.0000	0.000	212426.0	8.525	BB	0.031	116050.40	11.601
70	6.990		0.0000	0.000	228629.2	9.175	BB	0.034	113657.00	11.362
71	7.208		0.0000	0.000	276616.4	11.101	BB	0.039	118465.50	11.842
72	7.311		0.0000	0.000	63740.4	2.558	BB	0.034	31209.54	3.120
73	7.386		0.0000	0.000	2405.2	0.097	BB	0.027	1503.61	0.150
74	7.487		0.0000	0.000	80.0	0.003	BB	0.018	74.53	0.007
75	7.503		0.0000	0.000	31.7	0.001	BB	0.009	59.35	0.006
76	7.556		0.0000	0.000	133756.6	5.368	BB	0.041	54731.39	5.471
77	7.754		0.0000	0.000	19.6	0.001	BB	0.006	55.16	0.006
78	7.769		0.0000	0.000	232.8	0.009	BB	0.024	162.78	0.016
79	7.853		0.0000	0.000	15.5	0.001	BB	0.004	58.91	0.006
80	7.913		0.0000	0.000	979858.0	39.322	BB	0.048	342570.60	34.245
81	8.237	DCB	19.3598	100.000	250865.7	10.067	BB	0.047	89041.27	8.901
82	8.470		0.0000	0.000	54.5	0.002	BB	0.015	59.76	0.006
83	8.486		0.0000	0.000	53.0	0.002	BB	0.011	78.80	0.008
84	8.520		0.0000	0.000	71.6	0.003	BB	0.016	75.52	0.008
85	8.588		0.0000	0.000	22.0	0.001	BB	0.007	56.03	0.006
86	8.604		0.0000	0.000	466.1	0.019	BB	0.029	267.38	0.027
87	8.670		0.0000	0.000	23.6	0.001	BB	0.008	52.37	0.005
88	8.686		0.0000	0.000	63.5	0.003	BB	0.014	76.53	0.008
89	8.737		0.0000	0.000	25.3	0.001	BB	0.007	61.51	0.006
90	8.770		0.0000	0.000	31.9	0.001	BB	0.007	71.56	0.007
91	8.787		0.0000	0.000	85.7	0.003	BB	0.015	92.76	0.009
92	8.819		0.0000	0.000	246.2	0.010	BB	0.047	86.77	0.009
93	8.904		0.0000	0.000	18.2	0.001	BB	0.006	49.58	0.005
94	8.920		0.0000	0.000	40.0	0.002	BB	0.009	70.95	0.007
95	8.936		0.0000	0.000	25.7	0.001	BB	0.007	62.04	0.006
96	8.970		0.0000	0.000	110.2	0.004	BB	0.018	103.44	0.010
97	9.020		0.0000	0.000	37.7	0.002	BB	0.010	63.17	0.006
98	9.037		0.0000	0.000	47.7	0.002	BB	0.011	70.92	0.007
99	9.103		0.0000	0.000	24.9	0.001	BB	0.008	54.28	0.005
100	9.120		0.0000	0.000	28.1	0.001	BB	0.007	67.28	0.007
101	9.153		0.0000	0.000	22.0	0.001	BB	0.006	58.01	0.006
102	9.170		0.0000	0.000	39.7	0.002	BB	0.011	62.70	0.006
103	9.186		0.0000	0.000	38.5	0.002	BB	0.008	77.91	0.008
104	9.203		0.0000	0.000	60.7	0.002	BB	0.015	69.30	0.007
105	9.253		0.0000	0.000	24.5	0.001	BB	0.006	65.71	0.007
106	9.270		0.0000	0.000	34.7	0.001	BB	0.008	70.11	0.007
107	9.303		0.0000	0.000	56.3	0.002	BB	0.014	67.56	0.007
108	9.336		0.0000	0.000	24.5	0.001	BB	0.007	60.93	0.006
109	9.353		0.0000	0.000	34.8	0.001	BB	0.009	66.04	0.007
110	9.386		0.0000	0.000	64.7	0.003	BB	0.015	72.91	0.007
111	9.403		0.0000	0.000	23.7	0.001	BB	0.007	59.28	0.006
112	9.436		0.0000	0.000	32.9	0.001	BB	0.009	60.20	0.006
113	9.453		0.0000	0.000	31.1	0.001	BB	0.008	66.62	0.007
114	9.487		0.0000	0.000	21.0	0.001	BB	0.006	56.23	0.006
115	9.503		0.0000	0.000	24.9	0.001	BB	0.008	53.27	0.005
116	9.520		0.0000	0.000	36.0	0.001	BB	0.008	76.18	0.008
117	9.536		0.0000	0.000	173.6	0.007	BB	0.022	129.83	0.013
118	9.604		0.0000	0.000	23.0	0.001	BB	0.008	48.36	0.005
119	9.620		0.0000	0.000	37.5	0.002	BB	0.010	65.02	0.006
120	9.636		0.0000	0.000	41.7	0.002	BB	0.011	66.04	0.007
121	9.653		0.0000	0.000	33.6	0.001	BB	0.008	68.39	0.007
122	9.686		0.0000	0.000	27.2	0.001	BB	0.007	61.71	0.006
123	9.703		0.0000	0.000	5529.4	0.222	BB	0.410	224.53	0.022
124	9.953		0.0000	0.000	26208.1	1.052	BB	0.092	4735.55	0.473

Total Area = 2491875.0, Total Amount = 19.36, Total Height = 1000362.0, Sample Units = ug/l

ASX84 1858

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.31R

C:\CPWIN\DATA1\1P2235.31R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 7:20:51 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.31R

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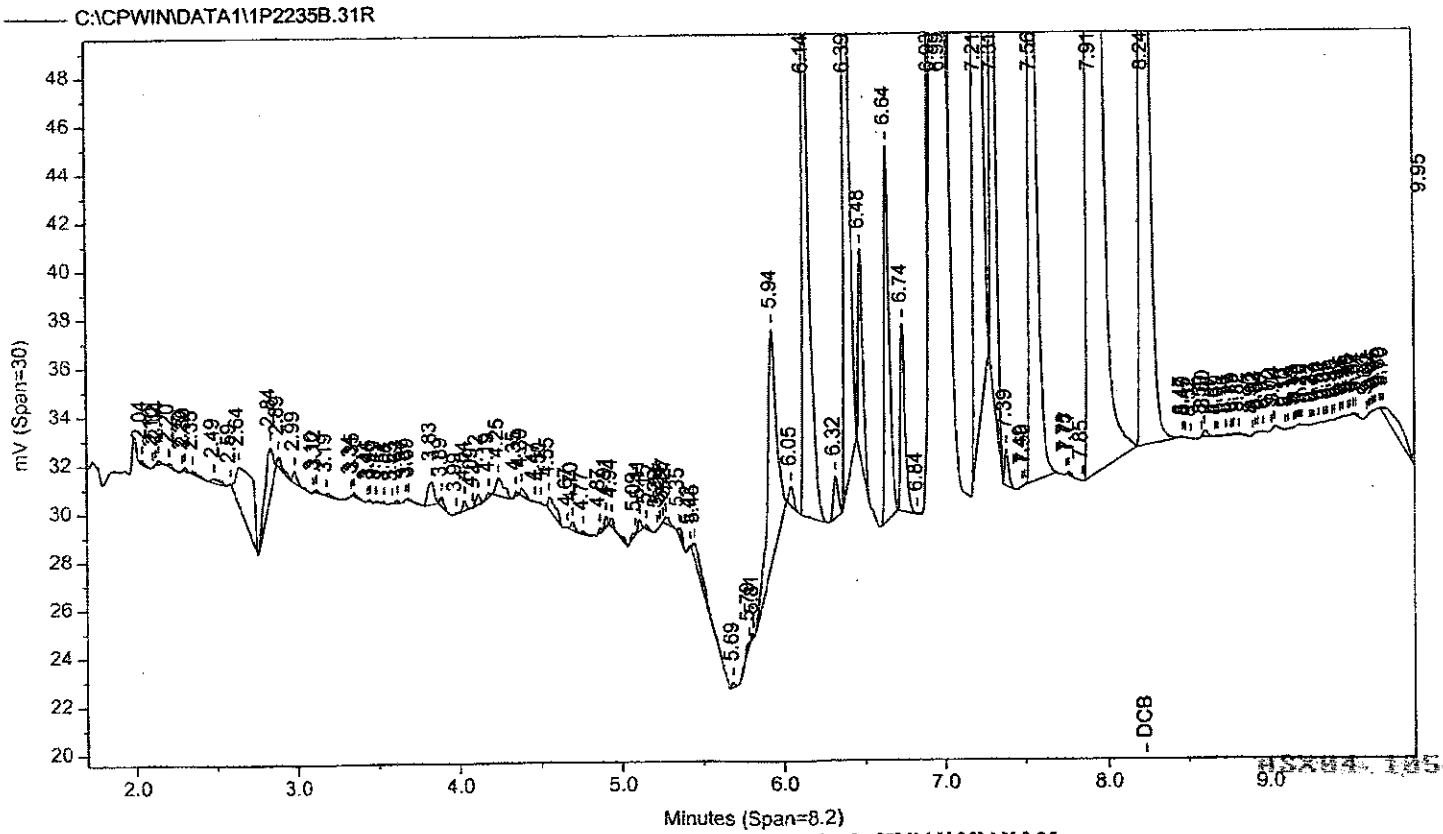


Instrument ID: CP02--H2601B Injected On: 8/23/2008 7:20:51 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

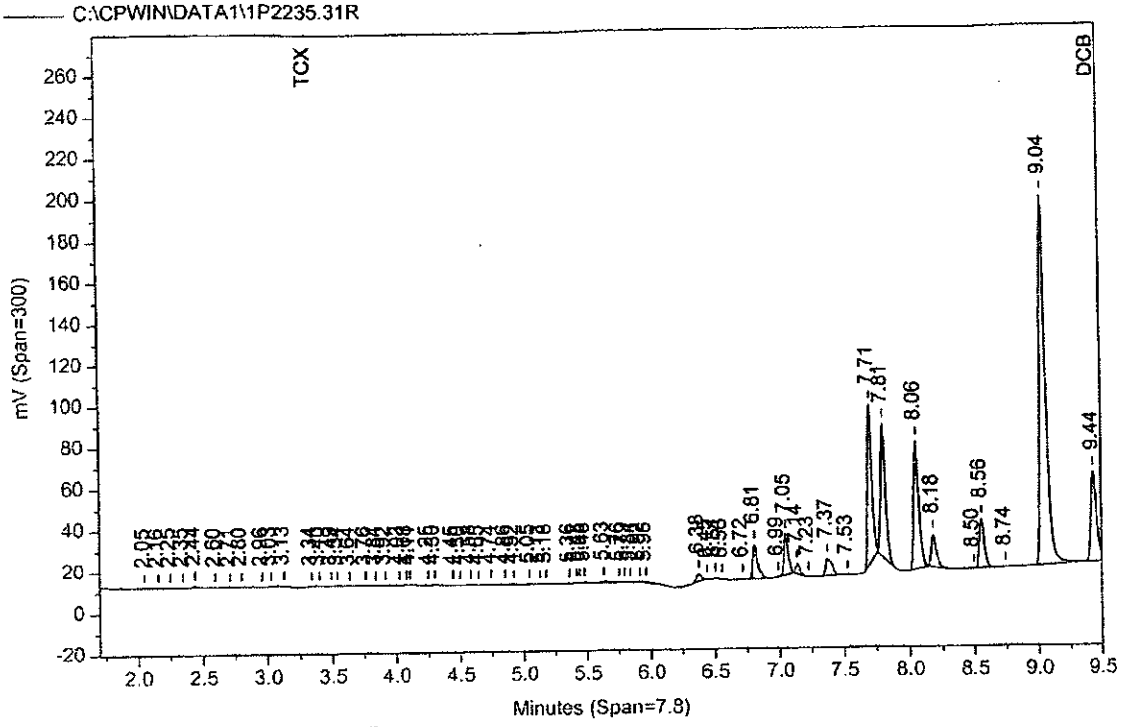
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.34	152	.04766	TCX	.	0	.	TCX
9.438	43641	19.08824	DCB	8.237	89041	19.35983	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.31A
Area File: C:\CPWIN\DATA1\1P2235B.31A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:38:46 AM
File Reported On: 8/25/2008 at 11:38:54 AM

10X REPLOTS

ASX04 1068

C:\CPWIN\DATA1\1P2235.31R



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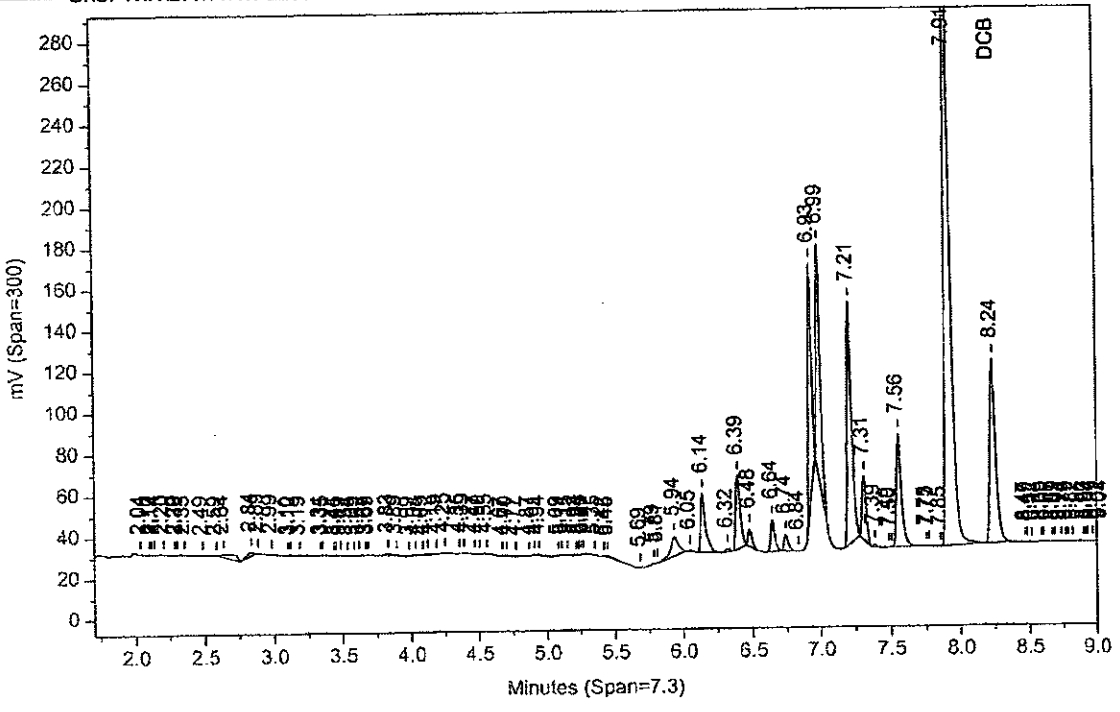


Sample Name: **AR6840824A AAAR684AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 07:45:18pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.32R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.057		0.0000	0.000	61.6	0.002	BB	0.031	32.62	0.003
2	2.162		0.0000	0.000	777.8	0.022	BB	0.042	305.35	0.026
3	2.253		0.0000	0.000	340.8	0.010	BB	0.043	133.41	0.011
4	2.304		0.0000	0.000	1338.2	0.038	BB	0.048	462.11	0.039
5	2.445		0.0000	0.000	2495.1	0.071	BB	0.038	1097.61	0.092
6	2.717		0.0000	0.000	60.4	0.002	BB	0.045	22.51	0.002
7	2.775		0.0000	0.000	1255.7	0.036	BB	0.065	323.10	0.027
8	2.949		0.0000	0.000	98.0	0.003	BB	0.033	49.20	0.004
9	3.070		0.0000	0.000	737.2	0.021	BB	0.064	190.93	0.016
10	3.129		0.0000	0.000	4766.9	0.136	BB	0.106	752.60	0.063
11	3.348	TCX	0.0775	0.183	2520.0	0.072	BB	0.170	247.25	0.021
12	3.401		0.0000	0.000	650.2	0.019	BB	0.049	219.30	0.018
13	3.538		0.0000	0.000	682.6	0.020	BB	0.067	169.49	0.014
14	3.769		0.0000	0.000	177.0	0.005	BB	0.032	91.94	0.008
15	3.844		0.0000	0.000	588.6	0.017	BB	0.042	231.29	0.019
16	4.028		0.0000	0.000	122.1	0.003	BB	0.030	68.00	0.006
17	4.082		0.0000	0.000	54.2	0.002	BB	0.024	37.43	0.003
18	4.116		0.0000	0.000	781.8	0.022	BB	0.053	246.86	0.021
19	4.249		0.0000	0.000	78.3	0.002	BB	0.022	58.65	0.005
20	4.303		0.0000	0.000	1268.7	0.036	BB	0.046	461.42	0.039
21	4.499		0.0000	0.000	87.0	0.002	BB	0.025	58.05	0.005
22	4.586		0.0000	0.000	2199.3	0.063	BB	0.046	804.01	0.067
23	4.651		0.0000	0.000	307.5	0.009	BB	0.029	175.70	0.015
24	4.745		0.0000	0.000	1102.6	0.032	BB	0.039	471.70	0.040
25	4.856		0.0000	0.000	374.3	0.011	BB	0.025	250.81	0.021
26	4.904		0.0000	0.000	995.3	0.028	BB	0.049	336.84	0.028
27	5.047		0.0000	0.000	1429.5	0.041	BB	0.045	530.98	0.044
28	5.127		0.0000	0.000	91.4	0.003	BB	0.019	78.46	0.007
29	5.181		0.0000	0.000	755.0	0.022	BB	0.029	430.04	0.036
30	5.241		0.0000	0.000	140.7	0.004	BB	0.026	89.26	0.007
31	5.324		0.0000	0.000	176.3	0.005	BB	0.025	119.87	0.010
32	5.449		0.0000	0.000	841.2	0.024	BB	0.044	319.57	0.027
33	5.481		0.0000	0.000	848.1	0.024	BB	0.027	524.36	0.044
34	5.639		0.0000	0.000	5049.9	0.144	BB	0.078	1075.82	0.090
35	5.754		0.0000	0.000	126.6	0.004	BB	0.026	80.89	0.007
36	5.843		0.0000	0.000	268.4	0.008	BB	0.030	149.20	0.012
37	5.919		0.0000	0.000	208.9	0.006	BB	0.025	138.63	0.012
38	5.963		0.0000	0.000	352.2	0.010	BB	0.021	282.93	0.024
39	5.998		0.0000	0.000	363.3	0.010	BB	0.028	215.57	0.018
40	6.376		0.0000	0.000	7974.9	0.228	BB	0.040	3333.48	0.279
41	6.449		0.0000	0.000	766.5	0.022	BB	0.027	469.80	0.039
42	6.510		0.0000	0.000	7701.7	0.220	BB	0.047	2714.71	0.227
43	6.674		0.0000	0.000	50.3	0.001	BB	0.026	32.58	0.003
44	6.716		0.0000	0.000	2238.1	0.064	BB	0.035	1074.60	0.090
45	6.806		0.0000	0.000	96982.8	2.773	BB	0.043	37167.94	3.114
46	6.986		0.0000	0.000	922.6	0.026	BB	0.024	648.55	0.054
47	7.048		0.0000	0.000	104024.1	2.974	BB	0.039	44312.06	3.712
48	7.138		0.0000	0.000	20771.1	0.594	BB	0.033	10403.96	0.872
49	7.226		0.0000	0.000	449.9	0.013	BB	0.023	324.23	0.027
50	7.372		0.0000	0.000	70310.2	2.010	BB	0.059	19805.92	1.659
51	7.534		0.0000	0.000	132.7	0.004	BB	0.032	70.05	0.006
52	7.704		0.0000	0.000	403345.8	11.531	BB	0.040	169410.60	14.193
53	7.807		0.0000	0.000	378678.8	10.826	BB	0.042	148654.50	12.454
54	8.053		0.0000	0.000	389741.5	11.142	BB	0.045	144384.70	12.096
55	8.181		0.0000	0.000	100803.1	2.882	BB	0.046	36745.49	3.078
56	8.464		0.0000	0.000	212.5	0.006	BB	0.058	60.76	0.005
57	8.558		0.0000	0.000	169110.5	4.835	BB	0.047	60153.33	5.040
58	8.731		0.0000	0.000	372.4	0.011	BB	0.040	155.08	0.013
59	9.042		0.0000	0.000	1362341.0	38.948	BB	0.057	399152.80	33.440
60	9.436	DCB	42.2222	99.817	325243.5	9.298	BB	0.056	96531.99	8.087
61	9.917		0.0000	0.000	21096.4	0.603	BB	0.053	6686.41	0.560

Total Area = 3497843.0, Total Amount = 42.3, Total Height = 1193627.0, Sample Units = ug/l

C:\CPWIN\DATA1\1P2235.32R Printed on 8/25/2008 11:39:05 AM

Sample Name: **AR6840824A AAAR684AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 07:45:18pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.32R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.086		0.0000	0.000	15.0	0.000	BB	0.005	53.48	0.003
2	2.103		0.0000	0.000	32.7	0.001	BB	0.008	68.94	0.003
3	2.120		0.0000	0.000	47.5	0.001	BB	0.010	76.19	0.004
4	2.136		0.0000	0.000	203.9	0.004	BB	0.027	125.76	0.006
5	2.219		0.0000	0.000	1711.3	0.032	BB	0.031	929.43	0.044
6	2.303		0.0000	0.000	113.8	0.002	BB	0.013	144.63	0.007
7	2.353		0.0000	0.000	223.7	0.004	BB	0.023	164.77	0.008
8	2.436		0.0000	0.000	38.6	0.001	BB	0.010	65.12	0.003
9	2.486		0.0000	0.000	191.9	0.004	BB	0.024	130.69	0.006
10	2.519		0.0000	0.000	680.3	0.013	BB	0.046	246.41	0.012
11	2.587		0.0000	0.000	71.0	0.001	BB	0.013	89.10	0.004
12	2.604		0.0000	0.000	37.4	0.001	BB	0.009	73.10	0.003
13	2.663		0.0000	0.000	31568.2	0.584	BB	0.120	4376.15	0.205
14	2.844		0.0000	0.000	11496.4	0.213	BB	0.072	2656.33	0.125
15	2.886		0.0000	0.000	223.2	0.004	BB	0.016	227.85	0.011
16	2.936	TCX	0.0326	0.080	178.3	0.003	BB	0.017	173.46	0.008
17	2.986		0.0000	0.000	339.5	0.006	BB	0.022	257.00	0.012
18	3.053		0.0000	0.000	92.7	0.002	BB	0.016	95.12	0.004
19	3.104		0.0000	0.000	33.9	0.001	BB	0.008	72.18	0.003
20	3.119		0.0000	0.000	223.6	0.004	BB	0.015	242.57	0.011
21	3.187		0.0000	0.000	21.5	0.000	BB	0.006	60.72	0.003
22	3.202		0.0000	0.000	139.0	0.003	BB	0.015	152.56	0.007
23	3.253		0.0000	0.000	46.4	0.001	BB	0.010	76.66	0.004
24	3.286		0.0000	0.000	112.7	0.002	BB	0.014	130.68	0.006
25	3.319		0.0000	0.000	90.7	0.002	BB	0.012	127.47	0.006
26	3.353		0.0000	0.000	101.5	0.002	BB	0.015	115.10	0.005
27	3.386		0.0000	0.000	255.3	0.005	BB	0.021	199.49	0.009
28	3.436		0.0000	0.000	191.4	0.004	BB	0.032	101.12	0.005
29	3.503		0.0000	0.000	89.2	0.002	BB	0.012	120.14	0.006
30	3.536		0.0000	0.000	46.3	0.001	BB	0.009	85.65	0.004
31	3.569		0.0000	0.000	98.1	0.002	BB	0.013	125.13	0.006
32	3.636		0.0000	0.000	172.6	0.003	BB	0.034	85.23	0.004
33	3.653		0.0000	0.000	27.1	0.001	BB	0.006	70.12	0.003
34	3.686		0.0000	0.000	2312.2	0.043	BB	0.050	771.43	0.036
35	3.832		0.0000	0.000	1687.2	0.031	BB	0.041	679.26	0.032
36	3.871		0.0000	0.000	41.3	0.001	BB	0.009	78.12	0.004
37	3.886		0.0000	0.000	329.3	0.006	BB	0.024	231.63	0.011
38	3.969		0.0000	0.000	27.7	0.001	BB	0.007	68.07	0.003
39	4.003		0.0000	0.000	62.2	0.001	BB	0.010	107.35	0.005
40	4.037		0.0000	0.000	486.8	0.009	BB	0.022	363.40	0.017
41	4.086		0.0000	0.000	62.1	0.001	BB	0.014	75.80	0.004
42	4.121		0.0000	0.000	2482.1	0.046	BB	0.032	1288.53	0.060
43	4.184		0.0000	0.000	930.4	0.017	BB	0.030	522.73	0.025
44	4.252		0.0000	0.000	645.8	0.012	BB	0.030	362.96	0.017
45	4.298		0.0000	0.000	643.1	0.012	BB	0.024	455.32	0.021
46	4.353		0.0000	0.000	636.2	0.012	BB	0.020	521.65	0.024
47	4.391		0.0000	0.000	1508.2	0.028	BB	0.041	616.23	0.029
48	4.503		0.0000	0.000	86.7	0.002	BB	0.013	114.11	0.005
49	4.555		0.0000	0.000	4747.5	0.088	BB	0.057	1387.02	0.065
50	4.654		0.0000	0.000	21.2	0.000	BB	0.006	54.58	0.003
51	4.671		0.0000	0.000	51.5	0.001	BB	0.011	77.15	0.004
52	4.702		0.0000	0.000	1452.6	0.027	BB	0.029	845.88	0.040
53	4.769		0.0000	0.000	639.2	0.012	BB	0.027	398.08	0.019
54	4.837		0.0000	0.000	82.5	0.002	BB	0.011	128.39	0.006
55	4.871		0.0000	0.000	540.0	0.010	BB	0.018	499.05	0.023
56	4.907		0.0000	0.000	1406.6	0.026	BB	0.021	1112.95	0.052
57	4.943		0.0000	0.000	1260.8	0.023	BB	0.022	956.78	0.045
58	5.020		0.0000	0.000	126.4	0.002	BB	0.018	114.94	0.005
59	5.069		0.0000	0.000	349.8	0.006	BB	0.024	245.00	0.011
60	5.113		0.0000	0.000	1531.3	0.028	BB	0.026	995.26	0.047
61	5.152		0.0000	0.000	404.6	0.007	BB	0.015	442.09	0.021
62	5.220		0.0000	0.000	45.8	0.001	BB	0.010	76.24	0.004

ASX84 1864

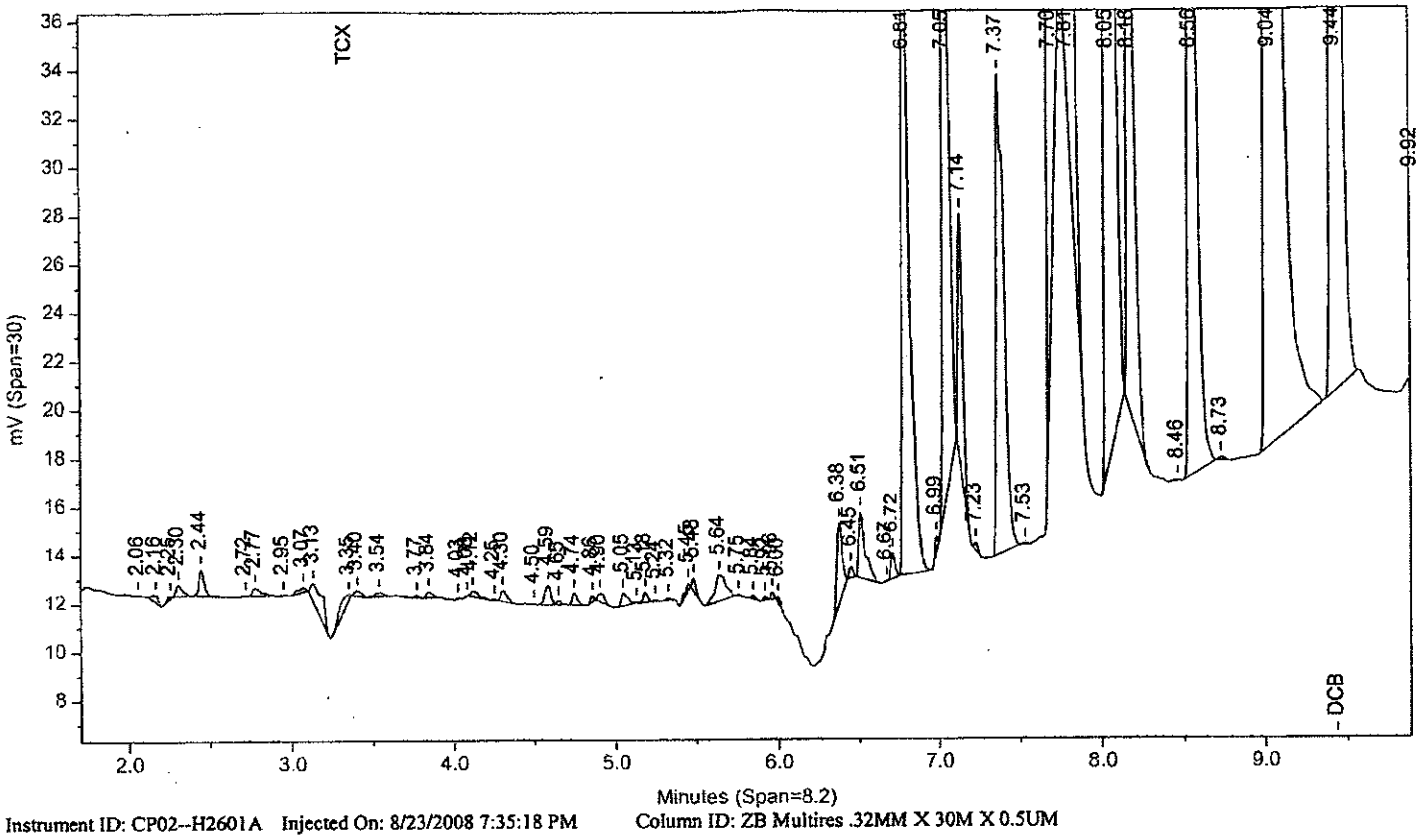
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.237		0.0000	0.000	43.4	0.001	BB	0.010	70.33	0.003
64	5.254		0.0000	0.000	37.2	0.001	BB	0.009	69.67	0.003
65	5.270		0.0000	0.000	774.0	0.014	BB	0.035	371.23	0.017
66	5.360		0.0000	0.000	1098.4	0.020	BB	0.023	800.57	0.038
67	5.420		0.0000	0.000	185.6	0.003	BB	0.029	108.20	0.005
68	5.450		0.0000	0.000	6082.5	0.113	BB	0.079	1287.54	0.060
69	5.685		0.0000	0.000	817.9	0.015	BB	0.024	568.89	0.027
70	5.786		0.0000	0.000	779.9	0.014	BB	0.053	243.12	0.011
71	5.933		0.0000	0.000	40304.6	0.746	BB	0.061	10983.35	0.515
72	6.051		0.0000	0.000	4019.0	0.074	BB	0.034	1999.18	0.094
73	6.143		0.0000	0.000	160639.5	2.972	BB	0.044	61536.57	2.886
74	6.322		0.0000	0.000	5940.8	0.110	BB	0.031	3230.03	0.151
75	6.394		0.0000	0.000	175000.3	3.238	BB	0.038	76511.79	3.588
76	6.480		0.0000	0.000	37738.2	0.698	BB	0.032	19506.22	0.915
77	6.645		0.0000	0.000	77185.6	1.428	BB	0.036	35791.01	1.679
78	6.744		0.0000	0.000	37901.3	0.701	BB	0.035	17965.82	0.843
79	6.852		0.0000	0.000	38.5	0.001	BB	0.007	96.01	0.005
80	6.929		0.0000	0.000	468258.2	8.664	BB	0.031	252115.40	11.824
81	6.992		0.0000	0.000	516464.5	9.556	BB	0.035	248138.60	11.638
82	7.211		0.0000	0.000	607810.4	11.246	BB	0.040	255156.70	11.967
83	7.313		0.0000	0.000	134475.5	2.488	BB	0.035	64920.73	3.045
84	7.385		0.0000	0.000	3362.8	0.062	BB	0.020	2754.62	0.129
85	7.503		0.0000	0.000	38.5	0.001	BB	0.009	72.69	0.003
86	7.558		0.0000	0.000	306949.5	5.680	BB	0.042	120676.30	5.660
87	7.703		0.0000	0.000	131.3	0.002	BB	0.016	138.80	0.007
88	7.754		0.0000	0.000	35.3	0.001	BB	0.009	67.41	0.003
89	7.786		0.0000	0.000	1077.0	0.020	BB	0.041	436.29	0.020
90	7.915		0.0000	0.000	2159335.0	39.954	BB	0.049	738983.10	34.658
91	8.239	DCB	40.4333	99.920	561058.7	10.381	BB	0.050	185964.00	8.722
92	8.520		0.0000	0.000	24.5	0.000	BB	0.006	71.35	0.003
93	8.553		0.0000	0.000	25.3	0.000	BB	0.007	59.77	0.003
94	8.571		0.0000	0.000	18.9	0.000	BB	0.005	64.11	0.003
95	8.604		0.0000	0.000	2345.7	0.043	BB	0.042	936.93	0.044
96	8.686		0.0000	0.000	57.8	0.001	BB	0.011	84.57	0.004
97	8.770		0.0000	0.000	307.2	0.006	BB	0.032	161.07	0.008
98	8.820		0.0000	0.000	2583.1	0.048	BB	0.077	559.09	0.026
99	8.954		0.0000	0.000	676.1	0.013	BB	0.089	126.36	0.006
100	8.970		0.0000	0.000	112.1	0.002	BB	0.016	116.57	0.005
101	9.037		0.0000	0.000	1917.8	0.035	BB	0.050	645.02	0.030
102	9.136		0.0000	0.000	19.2	0.000	BB	0.005	65.47	0.003
103	9.154		0.0000	0.000	23.4	0.000	BB	0.006	61.53	0.003
104	9.186		0.0000	0.000	296.1	0.005	BB	0.028	176.91	0.008
105	9.236		0.0000	0.000	71.9	0.001	BB	0.013	88.87	0.004
106	9.286		0.0000	0.000	23.0	0.000	BB	0.005	69.92	0.003
107	9.320		0.0000	0.000	20.9	0.000	BB	0.005	65.07	0.003
108	9.353		0.0000	0.000	21.4	0.000	BB	0.005	65.83	0.003
109	9.386		0.0000	0.000	31.1	0.001	BB	0.008	63.72	0.003
110	9.437		0.0000	0.000	197.8	0.004	BB	0.026	128.26	0.006
111	9.503		0.0000	0.000	62.4	0.001	BB	0.015	68.91	0.003
112	9.536		0.0000	0.000	430.3	0.008	BB	0.033	218.88	0.010
113	9.587		0.0000	0.000	23.1	0.000	BB	0.007	59.11	0.003
114	9.603		0.0000	0.000	43.1	0.001	BB	0.009	80.40	0.004
115	9.620		0.0000	0.000	33.7	0.001	BB	0.008	71.21	0.003
116	9.653		0.0000	0.000	64.7	0.001	BB	0.015	74.10	0.003
117	9.670		0.0000	0.000	28.7	0.001	BB	0.007	66.15	0.003
118	9.703		0.0000	0.000	38.8	0.001	BB	0.010	67.85	0.003
119	9.719		0.0000	0.000	3904.9	0.072	BB	0.299	217.82	0.010
120	9.936		0.0000	0.000	9942.8	0.184	BB	0.095	1748.51	0.082
121	9.953		0.0000	0.000	47.7	0.001	BB	0.010	76.94	0.004

Total Area = 5404493.0, Total Amount = 40.466, Total Height = 2132232.0, Sample Units = ug/l

ASX84- 1065

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.32R

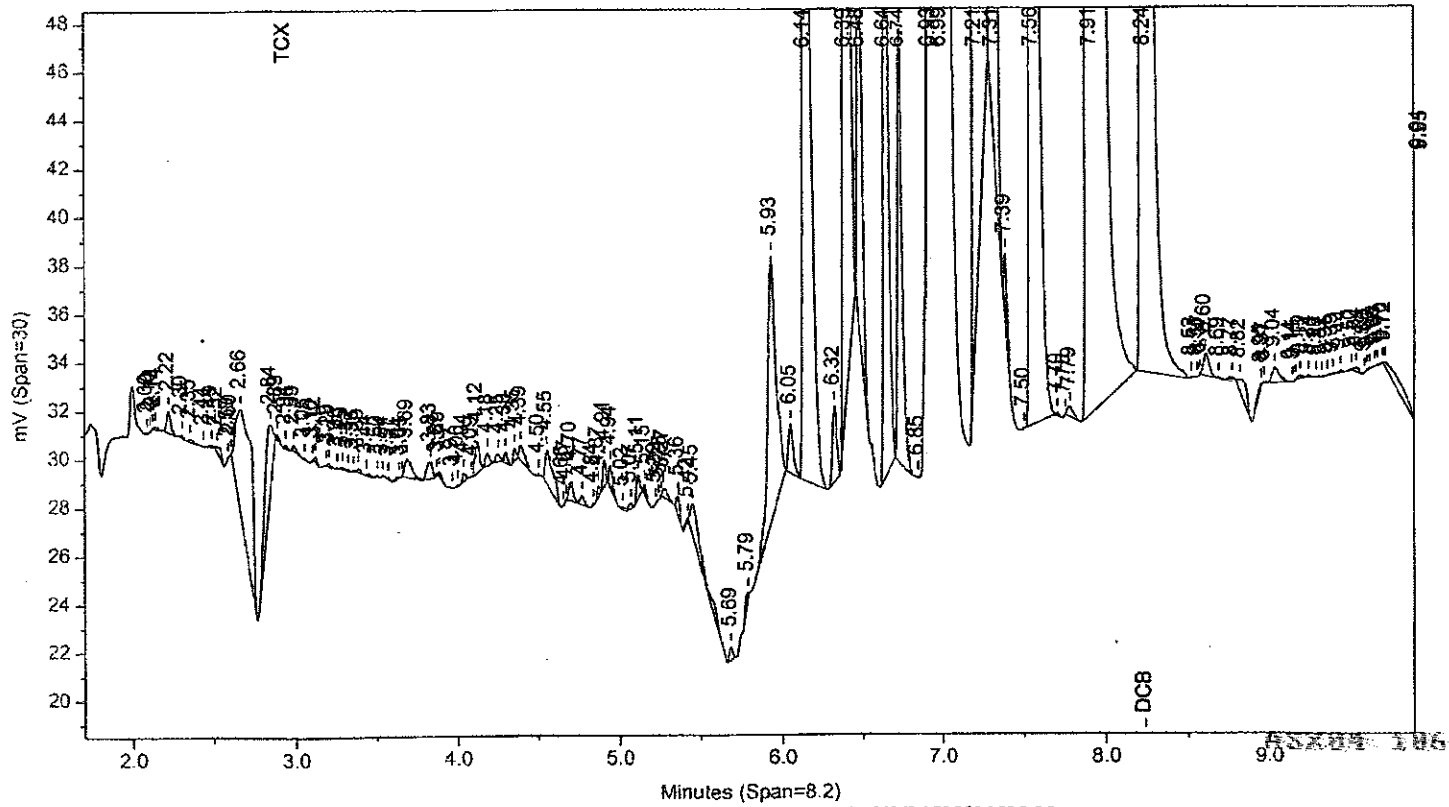
C:\CPWIN\DATA1\1P2235.32R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 7:35:18 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.32R

C:\CPWIN\DATA1\1P2235B.32R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 7:35:18 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

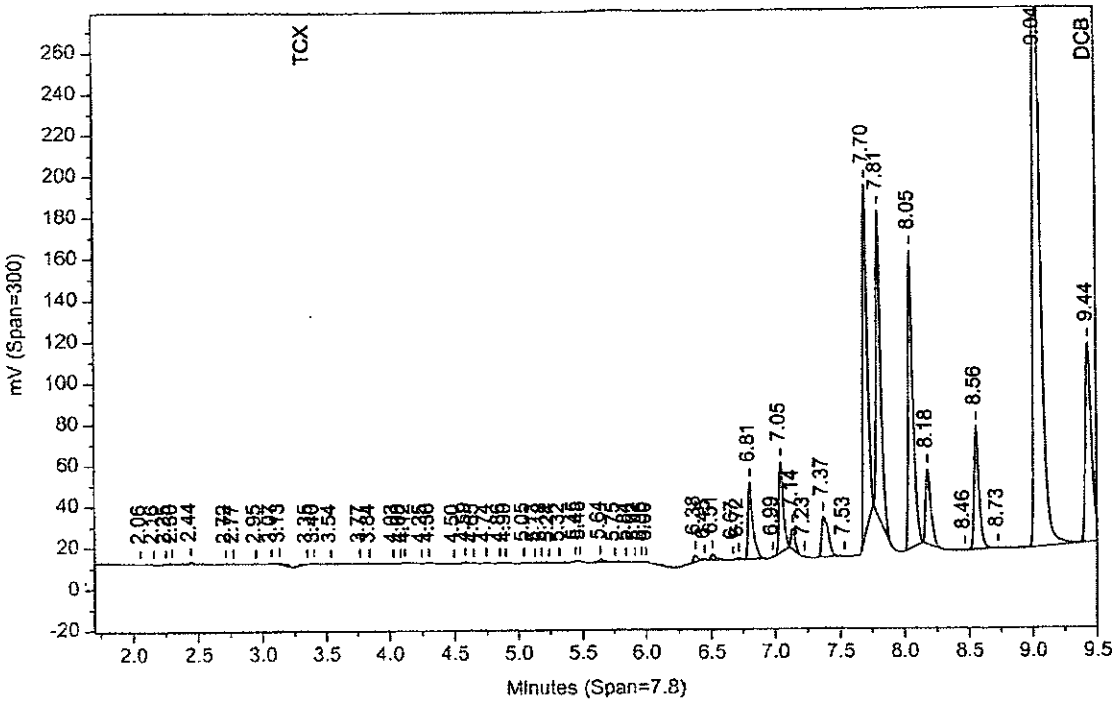
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.348	247	.07754	TCX	2.936	173	.03256	TCX
9.436	96532	42.2222	DCB	8.239	185964	40.43327	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.32A
Area File: C:\CPWIN\DATA1\1P2235B.32A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:39:04 AM
File Reported On: 8/25/2008 at 11:39:11 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.32R



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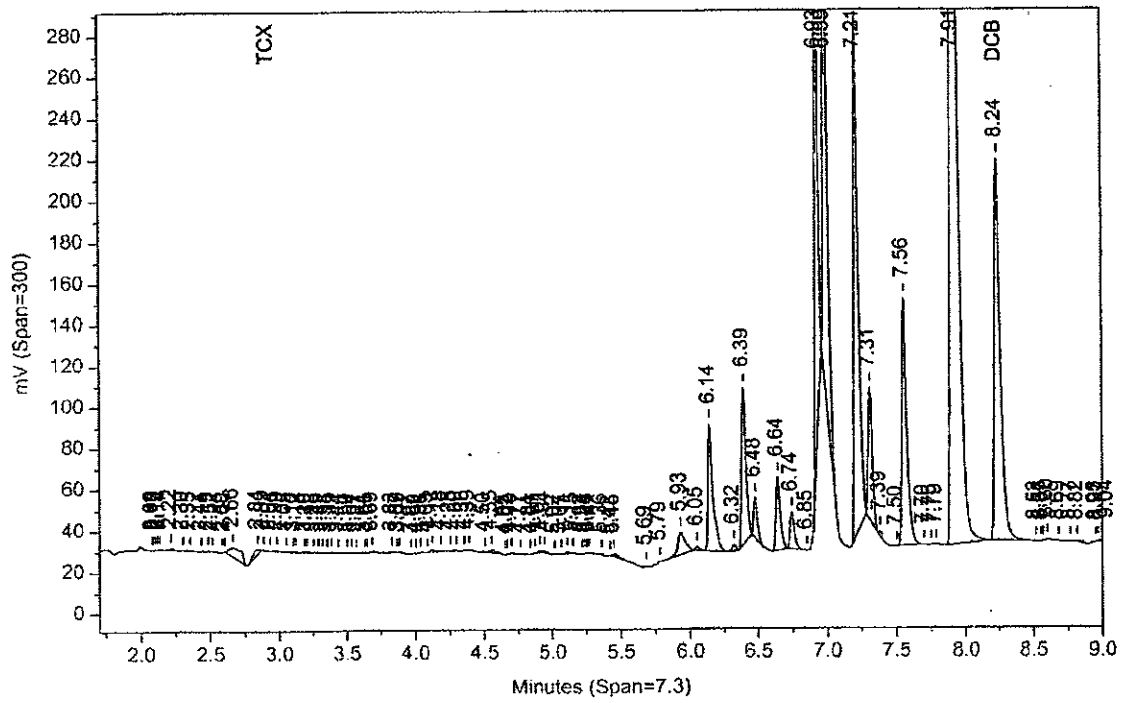


ASX84 1868

Sample Name: **AR6850824A AAAR685AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 07:59:40pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.33R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.050		0.0000	0.000	90.1	0.001	BB	0.053	28.30	0.001
2	2.249		0.0000	0.000	153.2	0.002	BB	0.047	54.07	0.002
3	2.300		0.0000	0.000	110.8	0.002	BB	0.054	34.34	0.002
4	2.440		0.0000	0.000	2119.8	0.033	BB	0.037	944.26	0.044
5	2.723		0.0000	0.000	57.3	0.001	BB	0.061	15.65	0.001
6	2.757		0.0000	0.000	37.2	0.001	BB	0.034	18.07	0.001
7	2.835		0.0000	0.000	98.2	0.002	BB	0.048	34.42	0.002
8	2.939		0.0000	0.000	111.5	0.002	BB	0.036	52.05	0.002
9	3.036		0.0000	0.000	117.7	0.002	BB	0.047	41.58	0.002
10	3.124		0.0000	0.000	3765.8	0.059	BB	0.080	783.69	0.036
11	3.393		0.0000	0.000	4383.9	0.068	BB	0.203	360.54	0.017
12	3.531		0.0000	0.000	90.2	0.001	BB	0.039	38.24	0.002
13	3.642		0.0000	0.000	16.9	0.000	BB	0.024	11.76	0.001
14	3.762		0.0000	0.000	349.5	0.005	BB	0.035	164.49	0.008
15	3.841		0.0000	0.000	97.7	0.002	BB	0.036	45.64	0.002
16	3.912		0.0000	0.000	163.6	0.003	BB	0.056	48.84	0.002
17	4.021		0.0000	0.000	46.4	0.001	BB	0.029	27.12	0.001
18	4.113		0.0000	0.000	2069.5	0.032	BB	0.061	566.66	0.026
19	4.249		0.0000	0.000	28.6	0.000	BB	0.024	19.68	0.001
20	4.297		0.0000	0.000	1799.7	0.028	BB	0.042	718.80	0.033
21	4.442		0.0000	0.000	23.7	0.000	BB	0.018	21.48	0.001
22	4.476		0.0000	0.000	202.1	0.003	BB	0.044	77.28	0.004
23	4.585		0.0000	0.000	3419.1	0.053	BB	0.041	1388.84	0.064
24	4.649		0.0000	0.000	830.0	0.013	BB	0.029	473.85	0.022
25	4.740		0.0000	0.000	1760.3	0.027	BB	0.038	776.62	0.036
26	4.852		0.0000	0.000	855.2	0.013	BB	0.025	561.32	0.026
27	4.899		0.0000	0.000	1625.3	0.025	BB	0.047	579.11	0.027
28	5.044		0.0000	0.000	2816.8	0.044	BB	0.045	1042.02	0.048
29	5.124		0.0000	0.000	195.6	0.003	BB	0.019	167.60	0.008
30	5.176		0.0000	0.000	1585.0	0.025	BB	0.030	866.63	0.040
31	5.234		0.0000	0.000	281.9	0.004	BB	0.026	183.91	0.008
32	5.315		0.0000	0.000	79.5	0.001	BB	0.032	40.90	0.002
33	5.367		0.0000	0.000	103.9	0.002	BB	0.024	73.02	0.003
34	5.417		0.0000	0.000	432.5	0.007	BB	0.024	299.23	0.014
35	5.445		0.0000	0.000	611.3	0.010	BB	0.019	534.75	0.025
36	5.477		0.0000	0.000	1281.7	0.020	BB	0.024	900.62	0.042
37	5.634		0.0000	0.000	8494.3	0.132	BB	0.079	1795.45	0.083
38	5.786		0.0000	0.000	53.5	0.001	BB	0.022	40.50	0.002
39	5.843		0.0000	0.000	623.2	0.010	BB	0.035	300.49	0.014
40	5.915		0.0000	0.000	411.7	0.006	BB	0.026	268.27	0.012
41	5.957		0.0000	0.000	300.5	0.005	BB	0.020	251.26	0.012
42	5.997		0.0000	0.000	1177.6	0.018	BB	0.029	678.15	0.031
43	6.109		0.0000	0.000	604.0	0.009	BB	0.024	414.48	0.019
44	6.298		0.0000	0.000	883.8	0.014	BB	0.030	497.47	0.023
45	6.374		0.0000	0.000	7331.5	0.114	BB	0.041	2972.37	0.137
46	6.445		0.0000	0.000	1687.1	0.026	BB	0.029	975.85	0.045
47	6.508		0.0000	0.000	13770.9	0.215	BB	0.048	4805.50	0.221
48	6.714		0.0000	0.000	4325.2	0.067	BB	0.035	2050.69	0.094
49	6.802		0.0000	0.000	179768.2	2.802	BB	0.044	67997.37	3.133
50	6.983		0.0000	0.000	1899.1	0.030	BB	0.024	1340.67	0.062
51	7.045		0.0000	0.000	187048.6	2.915	BB	0.039	79770.67	3.676
52	7.136		0.0000	0.000	39263.1	0.612	BB	0.033	19659.70	0.906
53	7.221		0.0000	0.000	647.4	0.010	BB	0.023	466.67	0.022
54	7.370		0.0000	0.000	136753.5	2.131	BB	0.060	38136.60	1.757
55	7.526		0.0000	0.000	204.6	0.003	BB	0.031	108.72	0.005
56	7.703		0.0000	0.000	725656.1	11.310	BB	0.039	310120.40	14.291
57	7.803		0.0000	0.000	688783.4	10.736	BB	0.042	270658.10	12.472
58	8.051		0.0000	0.000	721756.1	11.250	BB	0.045	264452.30	12.186
59	8.180		0.0000	0.000	187248.8	2.919	BB	0.046	67506.76	3.111
60	8.554		0.0000	0.000	338802.7	5.281	BB	0.050	112882.80	5.202
61	8.728		0.0000	0.000	497.6	0.008	BB	0.036	232.13	0.011
62	8.894		0.0000	0.000	198.1	0.003	BB	0.049	66.69	0.003

ASX04 1869

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.039		0.0000	0.000	2494920.0	38.887	BB	0.057	730463.60	33.661
64	9.435	DCB	75.5778	100.000	619666.7	9.658	BB	0.060	172792.40	7.963
65	9.875		0.0000	0.000	206.5	0.003	BB	0.038	91.45	0.004
66	9.920		0.0000	0.000	21045.2	0.328	BB	0.056	6267.03	0.289

Total Area = 6415841.0, Total Amount = 75.578, Total Height = 2170060.0, Sample Units = ug/l

ASX04: 1070

Sample Name: **AR6850824A AAAR685AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 07:59:40pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.33R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.073		0.0000	0.000	32.5	0.000	BB	0.007	78.95	0.002
2	2.107		0.0000	0.000	27.5	0.000	BB	0.006	77.35	0.002
3	2.140		0.0000	0.000	319.8	0.003	BB	0.029	183.44	0.005
4	2.206		0.0000	0.000	279.6	0.003	BB	0.032	144.21	0.004
5	2.290		0.0000	0.000	106.5	0.001	BB	0.019	94.22	0.003
6	2.356		0.0000	0.000	79.9	0.001	BB	0.012	106.96	0.003
7	2.423		0.0000	0.000	80.6	0.001	BB	0.023	58.61	0.002
8	2.473		0.0000	0.000	131.8	0.001	BB	0.020	107.48	0.003
9	2.523		0.0000	0.000	178.3	0.002	BB	0.026	113.33	0.003
10	2.573		0.0000	0.000	32.6	0.000	BB	0.007	75.30	0.002
11	2.607		0.0000	0.000	28.0	0.000	BB	0.009	54.48	0.002
12	2.624		0.0000	0.000	39.0	0.000	BB	0.008	77.82	0.002
13	2.640		0.0000	0.000	48.0	0.001	BB	0.009	90.98	0.003
14	2.656		0.0000	0.000	107.3	0.001	BB	0.021	84.01	0.002
15	2.706		0.0000	0.000	2197.3	0.024	BB	0.065	565.39	0.016
16	2.832		0.0000	0.000	20134.6	0.219	BB	0.090	3728.30	0.108
17	2.989		0.0000	0.000	521.2	0.006	BB	0.034	253.58	0.007
18	3.107		0.0000	0.000	554.7	0.006	BB	0.043	214.05	0.006
19	3.190		0.0000	0.000	151.3	0.002	BB	0.023	108.26	0.003
20	3.273		0.0000	0.000	74.0	0.001	BB	0.012	101.78	0.003
21	3.323		0.0000	0.000	30.3	0.000	BB	0.006	80.42	0.002
22	3.356		0.0000	0.000	949.2	0.010	BB	0.041	383.96	0.011
23	3.440		0.0000	0.000	101.5	0.001	BB	0.014	116.84	0.003
24	3.490		0.0000	0.000	84.7	0.001	BB	0.013	106.89	0.003
25	3.523		0.0000	0.000	203.9	0.002	BB	0.027	127.68	0.004
26	3.607		0.0000	0.000	26.5	0.000	BB	0.007	65.29	0.002
27	3.640		0.0000	0.000	29.3	0.000	BB	0.006	81.55	0.002
28	3.689		0.0000	0.000	3803.9	0.041	BB	0.050	1278.69	0.037
29	3.823		0.0000	0.000	1371.8	0.015	BB	0.039	591.31	0.017
30	3.872		0.0000	0.000	1405.7	0.015	BB	0.030	778.29	0.023
31	3.973		0.0000	0.000	24.7	0.000	BB	0.005	77.18	0.002
32	3.991		0.0000	0.000	33.4	0.000	BB	0.008	73.61	0.002
33	4.033		0.0000	0.000	913.5	0.010	BB	0.035	435.05	0.013
34	4.118		0.0000	0.000	5177.3	0.056	BB	0.034	2514.60	0.073
35	4.175		0.0000	0.000	1434.0	0.016	BB	0.027	885.05	0.026
36	4.240		0.0000	0.000	444.4	0.005	BB	0.025	294.16	0.009
37	4.292		0.0000	0.000	1429.1	0.016	BB	0.025	947.04	0.028
38	4.352		0.0000	0.000	1296.3	0.014	BB	0.022	987.37	0.029
39	4.389		0.0000	0.000	2509.4	0.027	BB	0.034	1244.36	0.036
40	4.506		0.0000	0.000	64.6	0.001	BB	0.013	82.46	0.002
41	4.557		0.0000	0.000	6765.3	0.073	BB	0.046	2443.59	0.071
42	4.673		0.0000	0.000	85.8	0.001	BB	0.013	107.60	0.003
43	4.699		0.0000	0.000	2651.0	0.029	BB	0.028	1566.01	0.046
44	4.765		0.0000	0.000	884.4	0.010	BB	0.027	538.22	0.016
45	4.839		0.0000	0.000	86.1	0.001	BB	0.015	98.69	0.003
46	4.871		0.0000	0.000	1048.8	0.011	BB	0.020	859.65	0.025
47	4.906		0.0000	0.000	2711.6	0.029	BB	0.021	2160.62	0.063
48	4.941		0.0000	0.000	2429.3	0.026	BB	0.022	1866.54	0.054
49	5.057		0.0000	0.000	920.7	0.010	BB	0.023	653.81	0.019
50	5.109		0.0000	0.000	2544.0	0.028	BB	0.025	1725.12	0.050
51	5.147		0.0000	0.000	1151.6	0.013	BB	0.021	896.73	0.026
52	5.224		0.0000	0.000	41.0	0.000	BB	0.009	76.13	0.002
53	5.240		0.0000	0.000	41.9	0.000	BB	0.009	74.72	0.002
54	5.273		0.0000	0.000	1670.4	0.018	BB	0.035	803.59	0.023
55	5.358		0.0000	0.000	1628.7	0.018	BB	0.025	1088.84	0.032
56	5.406		0.0000	0.000	343.1	0.004	BB	0.017	327.42	0.010
57	5.448		0.0000	0.000	8266.1	0.090	BB	0.078	1759.31	0.051
58	5.679		0.0000	0.000	1860.7	0.020	BB	0.026	1184.32	0.034
59	5.741		0.0000	0.000	108.2	0.001	BB	0.014	131.16	0.004
60	5.779		0.0000	0.000	3746.3	0.041	BB	0.034	1854.26	0.054
61	5.926		0.0000	0.000	48236.4	0.524	BB	0.056	14342.93	0.417
62	6.046		0.0000	0.000	6235.3	0.068	BB	0.032	3268.76	0.095

ASX04 1071

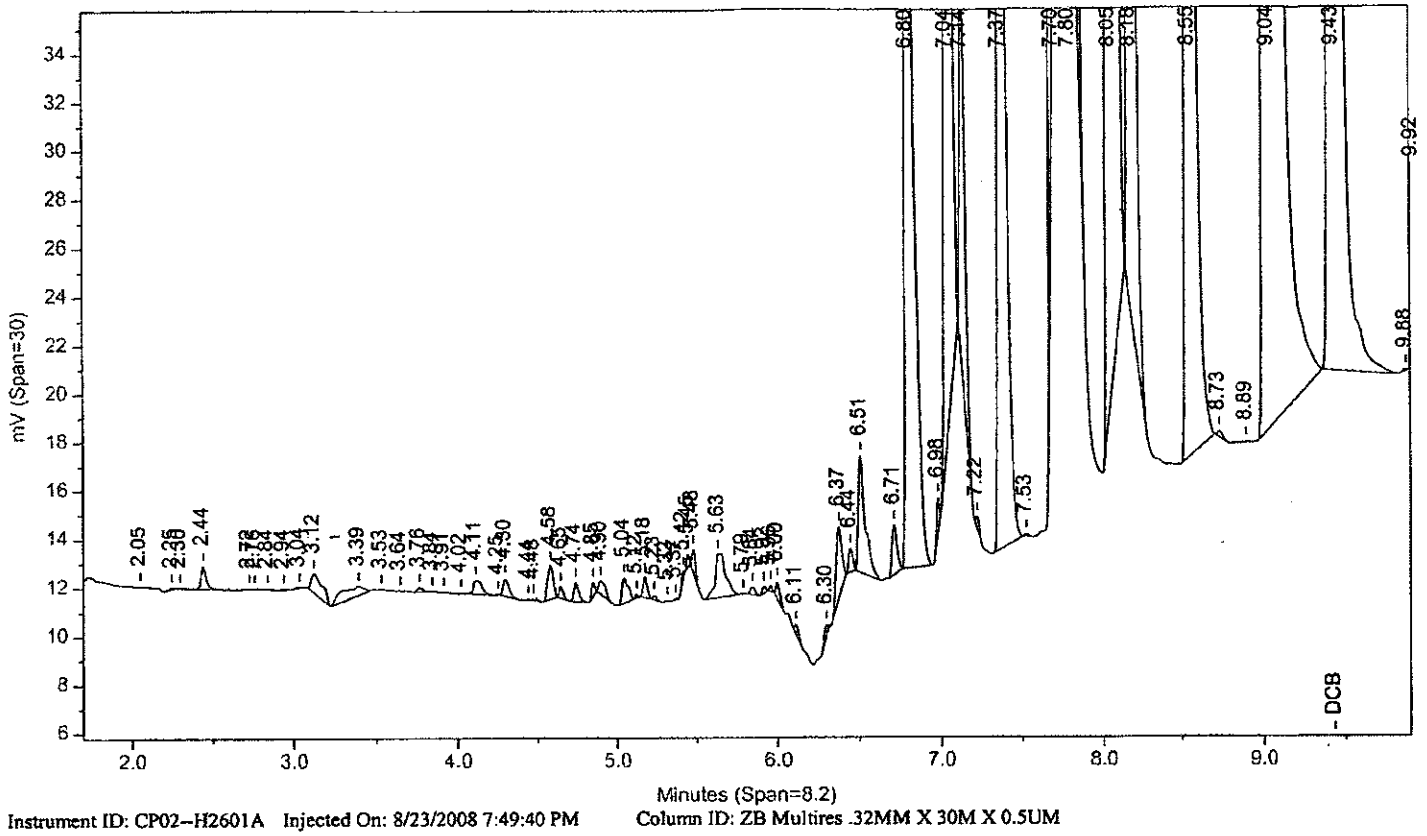
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.139		0.0000	0.000	293898.6	3.193	BB	0.045	109539.40	3.183
64	6.320		0.0000	0.000	8871.3	0.096	BB	0.029	5099.60	0.148
65	6.390		0.0000	0.000	304337.8	3.306	BB	0.037	136178.80	3.957
66	6.477		0.0000	0.000	66193.6	0.719	BB	0.032	33959.50	0.987
67	6.641		0.0000	0.000	143472.4	1.559	BB	0.036	65798.91	1.912
68	6.740		0.0000	0.000	72184.2	0.784	BB	0.035	33907.41	0.985
69	6.840		0.0000	0.000	102.7	0.001	BB	0.014	120.95	0.004
70	6.926		0.0000	0.000	822775.9	8.938	BB	0.030	452904.50	13.161
71	6.989		0.0000	0.000	922787.1	10.024	BB	0.035	443669.40	12.893
72	7.206		0.0000	0.000	1099719.0	11.947	BB	0.041	449353.80	13.058
73	7.308		0.0000	0.000	236185.7	2.566	BB	0.034	114682.20	3.333
74	7.376		0.0000	0.000	4226.6	0.046	BB	0.020	3601.96	0.105
75	7.555		0.0000	0.000	574169.8	6.237	BB	0.044	216020.80	6.277
76	7.774		0.0000	0.000	2833.4	0.031	BB	0.043	1100.36	0.032
77	7.905		0.0000	0.000	3504131.0	38.066	BB	0.059	984991.10	28.623
78	8.232	DCB	71.3158	100.000	987792.9	10.731	BB	0.050	328001.50	9.531
79	8.523		0.0000	0.000	141.6	0.002	BB	0.019	124.13	0.004
80	8.606		0.0000	0.000	5400.2	0.059	BB	0.046	1947.50	0.057
81	8.723		0.0000	0.000	40.7	0.000	BB	0.008	83.30	0.002
82	8.757		0.0000	0.000	21.3	0.000	BB	0.006	64.40	0.002
83	8.772		0.0000	0.000	68.0	0.001	BB	0.011	99.79	0.003
84	8.890		0.0000	0.000	13.7	0.000	BB	0.004	54.70	0.002
85	8.923		0.0000	0.000	359.6	0.004	BB	0.039	152.58	0.004
86	9.039		0.0000	0.000	3132.4	0.034	BB	0.044	1197.53	0.035
87	9.140		0.0000	0.000	23.5	0.000	BB	0.007	55.01	0.002
88	9.157		0.0000	0.000	28.9	0.000	BB	0.007	64.74	0.002
89	9.173		0.0000	0.000	138.0	0.001	BB	0.023	101.45	0.003
90	9.223		0.0000	0.000	71.6	0.001	BB	0.014	87.05	0.003
91	9.256		0.0000	0.000	138.1	0.001	BB	0.027	85.29	0.002
92	9.340		0.0000	0.000	23.1	0.000	BB	0.007	56.72	0.002
93	9.356		0.0000	0.000	26.9	0.000	BB	0.008	58.01	0.002
94	9.390		0.0000	0.000	71.2	0.001	BB	0.018	67.32	0.002
95	9.406		0.0000	0.000	24.0	0.000	BB	0.008	51.42	0.001
96	9.423		0.0000	0.000	27.7	0.000	BB	0.007	68.79	0.002
97	9.439		0.0000	0.000	30.5	0.000	BB	0.008	61.68	0.002
98	9.456		0.0000	0.000	95.2	0.001	BB	0.017	94.56	0.003
99	9.507		0.0000	0.000	29.1	0.000	BB	0.007	66.76	0.002
100	9.523		0.0000	0.000	226.1	0.002	BB	0.034	112.23	0.003
101	9.607		0.0000	0.000	30.3	0.000	BB	0.009	53.18	0.002
102	9.623		0.0000	0.000	29.8	0.000	BB	0.008	61.17	0.002
103	9.640		0.0000	0.000	40.3	0.000	BB	0.008	79.35	0.002
104	9.656		0.0000	0.000	39.0	0.000	BB	0.010	64.74	0.002
105	9.673		0.0000	0.000	31.5	0.000	BB	0.007	77.83	0.002
106	9.706		0.0000	0.000	6202.2	0.067	BB	0.281	367.38	0.011
107	9.924		0.0000	0.000	5048.2	0.055	BB	0.058	1452.11	0.042
108	9.939		0.0000	0.000	213.0	0.002	BB	0.031	112.99	0.003

Total Area = 9205363.0, Total Amount = 71.316, Total Height = 3441252.0, Sample Units = ug/l

ASX84 11022

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.33R

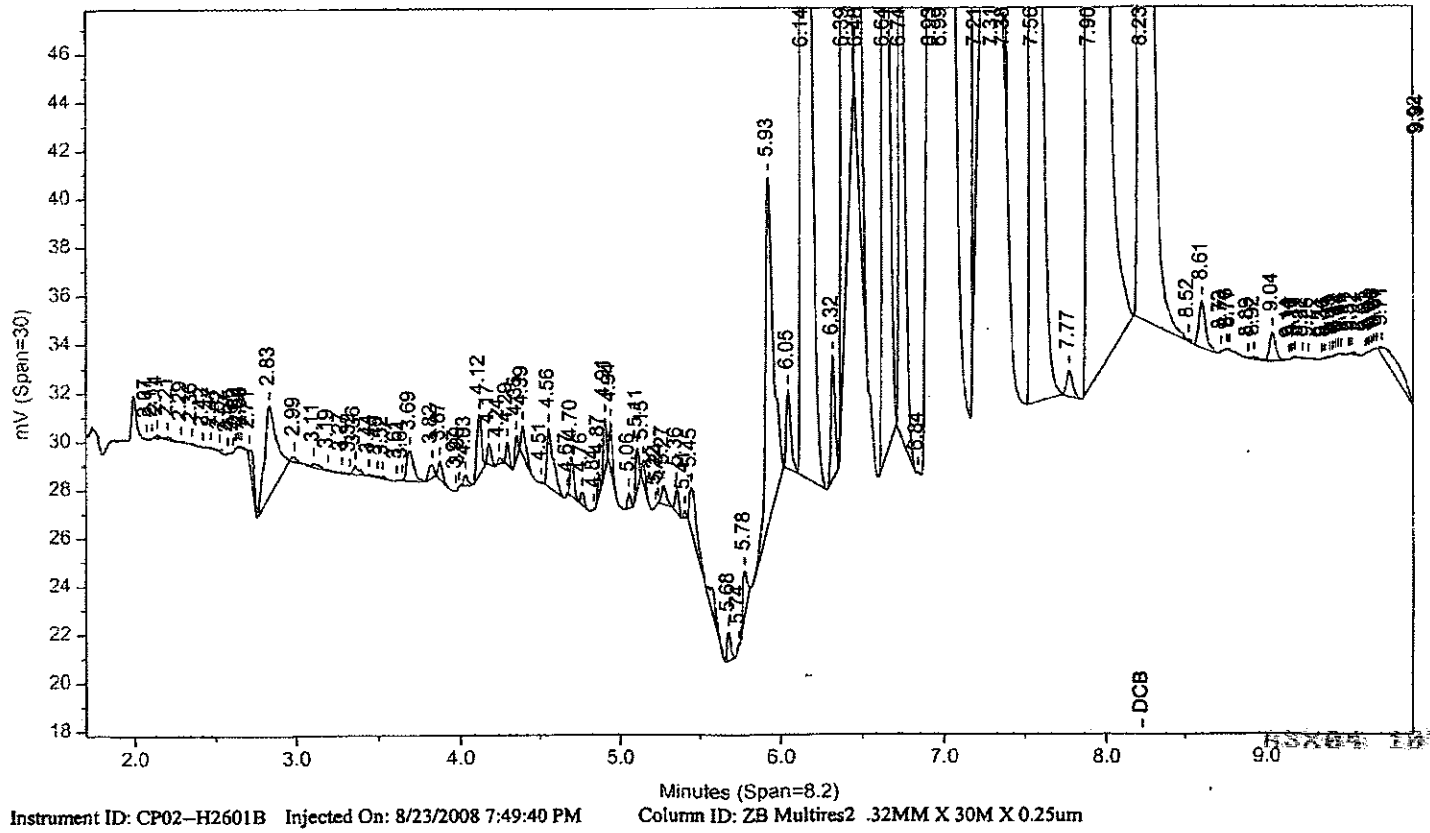
C:\CPWIN\DATA1\1P2235.33R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 7:49:40 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.33R

C:\CPWIN\DATA1\1P2235B.33R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 7:49:40 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

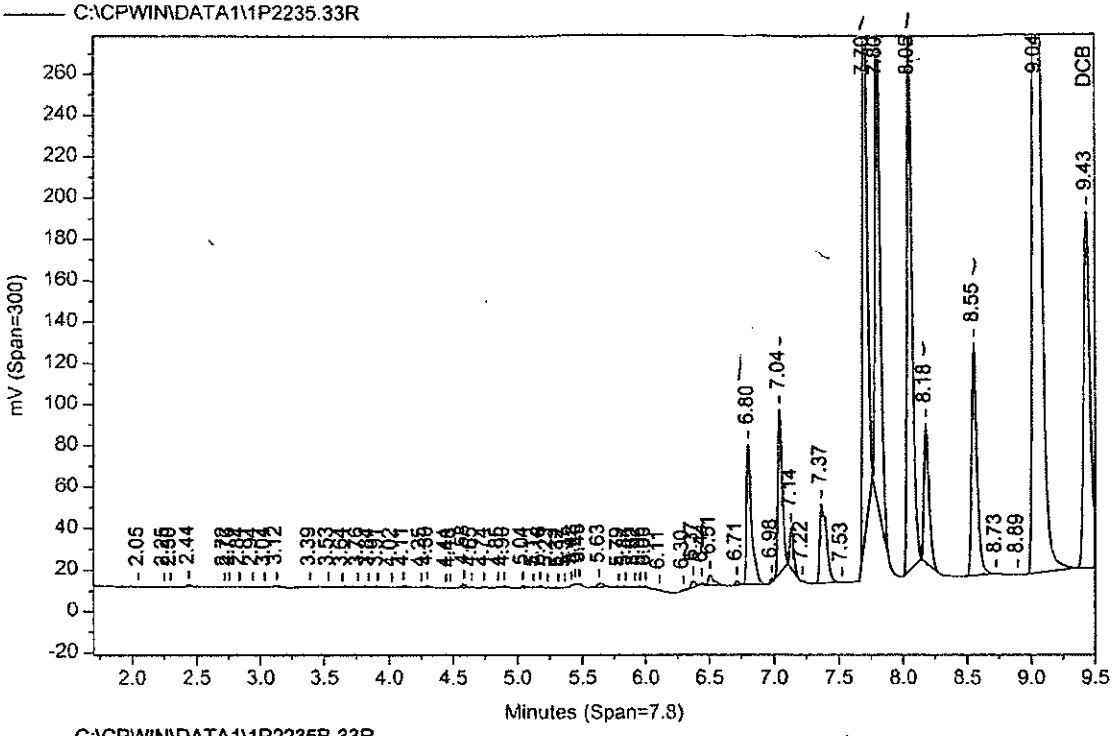
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.435	172792	75.5778	DCB	8.232	328001	71.31582	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.33A
Area File: C:\CPWIN\DATA1\1P2235B.33A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:39:22 AM
File Reported On: 8/25/2008 at 11:39:29 AM

10X REPLOTS

ASX04 1074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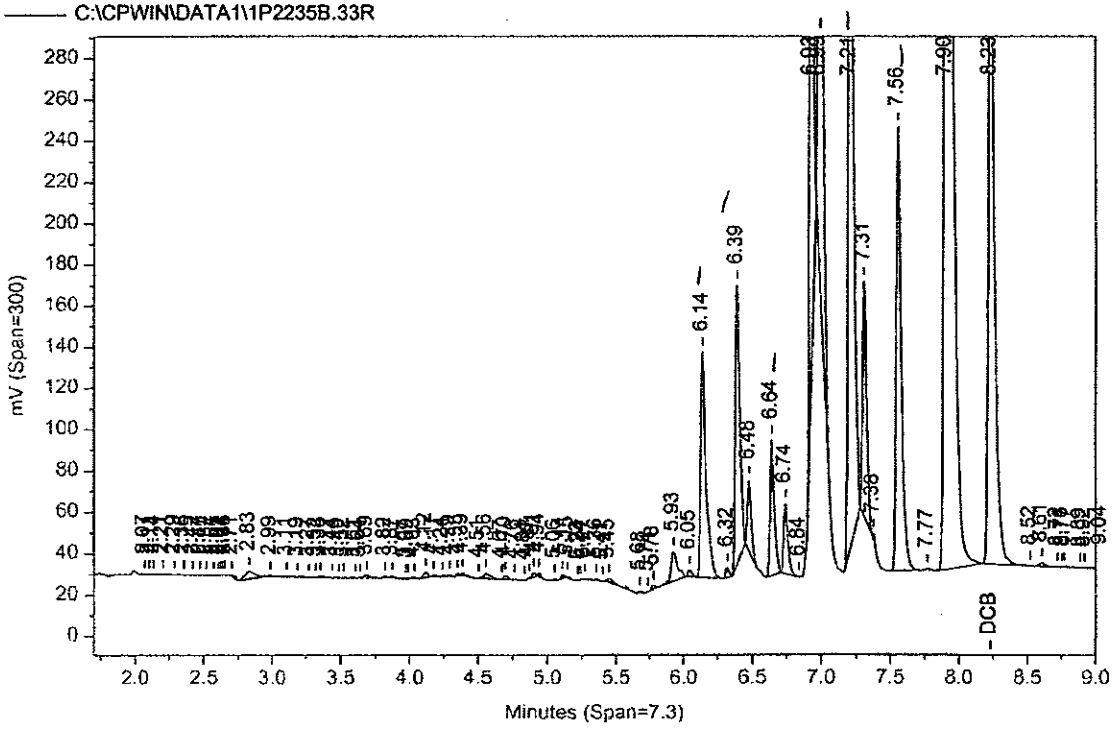
mV (Span=300)
Minutes (Span=7.8)
DCB


C:\CPWIN\DATA1\1P2235B.33R
mV (Span=300)
Minutes (Span=7.3)
DCB

Sample Name: **AR2130824B AAAR213AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 08:14:04pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.34R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.157		0.0000	0.000	712.7	0.089	BB	0.040	298.76	0.101
2	2.328		0.0000	0.000	2565.3	0.321	BB	0.074	579.42	0.197
3	2.439		0.0000	0.000	1554.9	0.195	BB	0.048	535.39	0.182
4	2.596		0.0000	0.000	51.7	0.006	BB	0.036	23.82	0.008
5	2.715		0.0000	0.000	200.0	0.025	BB	0.048	69.22	0.023
6	2.805		0.0000	0.000	18581.9	2.328	BB	0.045	6814.27	2.312
7	2.940		0.0000	0.000	96.9	0.012	BB	0.031	52.47	0.018
8	3.023		0.0000	0.000	105.0	0.013	BB	0.029	61.35	0.021
9	3.070		0.0000	0.000	25.6	0.003	BB	0.021	20.68	0.007
10	3.125		0.0000	0.000	2352.4	0.295	BB	0.081	482.54	0.164
11	3.225		0.0000	0.000	985.1	0.123	BB	0.029	572.12	0.194
12	3.352	TCX	41.3058	50.122	268478.9	33.633	BB	0.034	131712.70	44.681
13	3.594		0.0000	0.000	15026.7	1.882	BB	0.035	7176.11	2.434
14	3.684		0.0000	0.000	11869.0	1.487	BB	0.035	5605.60	1.902
15	3.761		0.0000	0.000	42573.8	5.333	BB	0.037	19179.63	6.506
16	3.875		0.0000	0.000	86.9	0.011	BB	0.016	89.69	0.030
17	4.021		0.0000	0.000	28.6	0.004	BB	0.020	23.80	0.008
18	4.113		0.0000	0.000	374.6	0.047	BB	0.043	145.23	0.049
19	4.147		0.0000	0.000	2696.2	0.338	BB	0.052	872.41	0.296
20	4.246		0.0000	0.000	2997.4	0.375	BB	0.028	1813.76	0.615
21	4.295		0.0000	0.000	2099.6	0.263	BB	0.031	1132.43	0.384
22	4.382		0.0000	0.000	304.9	0.038	BB	0.030	171.52	0.058
23	4.497		0.0000	0.000	1102.6	0.138	BB	0.042	435.68	0.148
24	4.586		0.0000	0.000	5004.4	0.627	BB	0.037	2257.02	0.766
25	4.649		0.0000	0.000	2193.1	0.275	BB	0.030	1215.63	0.412
26	4.742		0.0000	0.000	3042.3	0.381	BB	0.039	1291.49	0.438
27	4.853		0.0000	0.000	517.0	0.065	BB	0.025	339.73	0.115
28	4.897		0.0000	0.000	456.0	0.057	BB	0.048	159.83	0.054
29	5.043		0.0000	0.000	972.3	0.122	BB	0.044	369.01	0.125
30	5.124		0.0000	0.000	30.7	0.004	BB	0.017	29.74	0.010
31	5.179		0.0000	0.000	1119.7	0.140	BB	0.037	506.59	0.172
32	5.321		0.0000	0.000	91.4	0.011	BB	0.031	49.39	0.017
33	5.368		0.0000	0.000	37.8	0.005	BB	0.021	29.99	0.010
34	5.421		0.0000	0.000	345.2	0.043	BB	0.024	241.94	0.082
35	5.444		0.0000	0.000	109.6	0.014	BB	0.016	115.74	0.039
36	5.478		0.0000	0.000	486.1	0.061	BB	0.036	222.87	0.076
37	5.647		0.0000	0.000	7752.4	0.971	BB	0.100	1291.05	0.438
38	5.845		0.0000	0.000	374.6	0.047	BB	0.033	189.38	0.064
39	5.917		0.0000	0.000	371.5	0.047	BB	0.027	230.51	0.078
40	5.959		0.0000	0.000	129.8	0.016	BB	0.017	125.91	0.043
41	5.999		0.0000	0.000	1422.5	0.178	BB	0.037	634.12	0.215
42	6.374		0.0000	0.000	8828.8	1.106	BB	0.045	3292.90	1.117
43	6.457		0.0000	0.000	929.3	0.116	BB	0.043	359.04	0.122
44	6.562		0.0000	0.000	1099.1	0.138	BB	0.044	420.61	0.143
45	6.664		0.0000	0.000	80.5	0.010	BB	0.039	34.63	0.012
46	6.718		0.0000	0.000	763.5	0.096	BB	0.038	336.18	0.114
47	6.811		0.0000	0.000	72.9	0.009	BB	0.035	35.09	0.012
48	6.869		0.0000	0.000	44.0	0.006	BB	0.035	20.77	0.007
49	7.027		0.0000	0.000	409.8	0.051	BB	0.089	76.57	0.026
50	7.109		0.0000	0.000	1796.7	0.225	BB	0.062	485.82	0.165
51	7.306		0.0000	0.000	141.7	0.018	BB	0.036	65.78	0.022
52	7.363		0.0000	0.000	571.2	0.072	BB	0.061	155.61	0.053
53	7.657		0.0000	0.000	3960.8	0.496	BB	0.048	1376.36	0.467
54	8.069		0.0000	0.000	247.7	0.031	BB	0.079	52.17	0.018
55	8.372		0.0000	0.000	1152.3	0.144	BB	0.318	60.45	0.021
56	8.498		0.0000	0.000	6120.2	0.767	BB	0.083	1227.85	0.417
57	9.040		0.0000	0.000	24274.2	3.041	BB	0.341	1185.63	0.402
58	9.433	DCB	41.1051	49.878	327107.5	40.978	BB	0.058	93978.05	31.880
59	9.786		0.0000	0.000	34.8	0.004	BB	0.030	19.04	0.006
60	9.944		0.0000	0.000	21297.3	2.668	BB	0.080	4434.22	1.504

Total Area = 798259.4, Total Amount = 82.411, Total Height = 294785.2, Sample Units = ug/l

Sample Name: **AR2130824B AAAR213AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 08:14:04pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.34R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.022		0.0000	0.000	903.8	0.065	BB	0.027	565.41	0.107
2	2.101		0.0000	0.000	24.2	0.002	BB	0.009	43.85	0.008
3	2.151		0.0000	0.000	161.6	0.012	BB	0.075	35.82	0.007
4	2.168		0.0000	0.000	859.4	0.062	BB	0.051	278.75	0.053
5	2.283		0.0000	0.000	236.9	0.017	BB	0.029	136.40	0.026
6	2.350		0.0000	0.000	251.1	0.018	BB	0.030	137.71	0.026
7	2.487		0.0000	0.000	29806.0	2.139	BB	0.043	11593.37	2.185
8	2.649		0.0000	0.000	23395.2	1.679	BB	0.162	2412.25	0.455
9	2.834		0.0000	0.000	3948.1	0.283	BB	0.196	336.32	0.063
10	2.863		0.0000	0.000	4672.7	0.335	BB	0.029	2663.06	0.502
11	2.927	TCX	39.6331	49.293	474093.5	34.021	BB	0.037	211138.50	39.791
12	3.100		0.0000	0.000	171.9	0.012	BB	0.031	92.36	0.017
13	3.182		0.0000	0.000	27262.3	1.956	BB	0.032	13998.27	2.638
14	3.274		0.0000	0.000	22106.9	1.586	BB	0.037	10044.98	1.893
15	3.356		0.0000	0.000	79337.4	5.693	BB	0.038	34856.13	6.569
16	3.527		0.0000	0.000	666.7	0.048	BB	0.031	361.85	0.068
17	3.702		0.0000	0.000	6368.0	0.457	BB	0.046	2298.67	0.433
18	3.741		0.0000	0.000	715.4	0.051	BB	0.027	442.91	0.083
19	3.831		0.0000	0.000	6696.4	0.481	BB	0.028	4022.85	0.758
20	3.867		0.0000	0.000	1064.8	0.076	BB	0.022	820.29	0.155
21	3.967		0.0000	0.000	300.6	0.022	BB	0.016	321.72	0.061
22	4.000		0.0000	0.000	161.7	0.012	BB	0.015	176.91	0.033
23	4.025		0.0000	0.000	846.9	0.061	BB	0.024	596.87	0.112
24	4.118		0.0000	0.000	9364.9	0.672	BB	0.033	4666.58	0.879
25	4.178		0.0000	0.000	3788.8	0.272	BB	0.031	2058.73	0.388
26	4.244		0.0000	0.000	1233.6	0.089	BB	0.029	701.76	0.132
27	4.292		0.0000	0.000	2100.2	0.151	BB	0.024	1457.58	0.275
28	4.351		0.0000	0.000	696.7	0.050	BB	0.021	564.98	0.106
29	4.384		0.0000	0.000	587.6	0.042	BB	0.029	343.61	0.065
30	4.558		0.0000	0.000	4241.8	0.304	BB	0.065	1090.21	0.205
31	4.700		0.0000	0.000	5256.5	0.377	BB	0.062	1416.48	0.267
32	4.867		0.0000	0.000	248.6	0.018	BB	0.017	237.65	0.045
33	4.905		0.0000	0.000	3663.2	0.263	BB	0.039	1582.94	0.298
34	5.000		0.0000	0.000	159.7	0.011	BB	0.019	140.34	0.026
35	5.058		0.0000	0.000	1109.2	0.080	BB	0.025	730.80	0.138
36	5.108		0.0000	0.000	1793.7	0.129	BB	0.049	616.26	0.116
37	5.274		0.0000	0.000	2770.0	0.199	BB	0.057	814.48	0.153
38	5.357		0.0000	0.000	2222.2	0.159	BB	0.024	1527.08	0.288
39	5.449		0.0000	0.000	24946.2	1.790	BB	0.113	3675.41	0.693
40	5.678		0.0000	0.000	560.5	0.040	BB	0.022	421.81	0.079
41	5.934		0.0000	0.000	32723.7	2.348	BB	0.070	7761.93	1.463
42	6.034		0.0000	0.000	405.6	0.029	BB	0.024	285.26	0.054
43	6.093		0.0000	0.000	1128.2	0.081	BB	0.035	543.95	0.103
44	6.311		0.0000	0.000	4691.7	0.337	BB	0.054	1449.38	0.273
45	6.416		0.0000	0.000	156.4	0.011	BB	0.027	94.82	0.018
46	6.543		0.0000	0.000	189.0	0.014	BB	0.023	135.56	0.026
47	6.583		0.0000	0.000	27.3	0.002	BB	0.011	41.69	0.008
48	6.600		0.0000	0.000	30.0	0.002	BB	0.011	47.31	0.009
49	6.649		0.0000	0.000	353.1	0.025	BB	0.043	138.31	0.026
50	6.717		0.0000	0.000	4298.6	0.308	BB	0.033	2180.90	0.411
51	6.833		0.0000	0.000	74.2	0.005	BB	0.041	29.82	0.006
52	6.867		0.0000	0.000	132.3	0.009	BB	0.030	73.18	0.014
53	6.918		0.0000	0.000	93.4	0.007	BB	0.020	77.44	0.015
54	6.983		0.0000	0.000	708.5	0.051	BB	0.057	206.98	0.039
55	7.150		0.0000	0.000	142.9	0.010	BB	0.031	76.06	0.014
56	7.200		0.0000	0.000	40.4	0.003	BB	0.011	62.04	0.012
57	7.234		0.0000	0.000	17.8	0.001	BB	0.007	39.97	0.008
58	7.267		0.0000	0.000	62.7	0.005	BB	0.024	43.00	0.008
59	7.283		0.0000	0.000	32.2	0.002	BB	0.010	53.33	0.010
60	7.312		0.0000	0.000	3073.6	0.221	BB	0.043	1179.32	0.222
61	7.534		0.0000	0.000	7135.3	0.512	BB	1.352	87.94	0.017
62	7.550		0.0000	0.000	142.5	0.010	BB	0.018	128.66	0.024

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.633		0.0000	0.000	97.4	0.007	BB	0.051	31.56	0.006
64	7.650		0.0000	0.000	23.8	0.002	BB	0.007	57.14	0.011
65	7.666		0.0000	0.000	56.6	0.004	BB	0.017	56.93	0.011
66	7.767		0.0000	0.000	108.6	0.008	BB	0.088	20.50	0.004
67	7.783		0.0000	0.000	20.1	0.001	BB	0.007	50.60	0.010
68	7.816		0.0000	0.000	48.2	0.003	BB	0.016	48.79	0.009
69	7.910		0.0000	0.000	5361.4	0.385	BB	0.040	2238.63	0.422
70	8.051		0.0000	0.000	44.2	0.003	BB	0.015	50.54	0.010
71	8.067		0.0000	0.000	65.6	0.005	BB	0.013	85.48	0.016
72	8.116		0.0000	0.000	92.7	0.007	BB	0.022	69.21	0.013
73	8.234	DCB	40.7696	50.707	547558.0	39.293	BB	0.049	187510.70	35.338
74	8.550		0.0000	0.000	128.4	0.009	BB	0.025	85.99	0.016
75	8.683		0.0000	0.000	138.3	0.010	BB	0.038	60.33	0.011
76	8.733		0.0000	0.000	37.7	0.003	BB	0.018	34.53	0.007
77	8.767		0.0000	0.000	29.2	0.002	BB	0.012	40.14	0.008
78	8.800		0.0000	0.000	132.6	0.010	BB	0.025	89.55	0.017
79	8.850		0.0000	0.000	66.5	0.005	BB	0.019	57.72	0.011
80	8.933		0.0000	0.000	50.0	0.004	BB	0.020	41.66	0.008
81	8.950		0.0000	0.000	39.2	0.003	BB	0.014	46.59	0.009
82	9.033		0.0000	0.000	111.5	0.008	BB	0.024	77.36	0.015
83	9.234		0.0000	0.000	155.7	0.011	BB	0.081	32.07	0.006
84	9.266		0.0000	0.000	53.8	0.004	BB	0.021	42.14	0.008
85	9.300		0.0000	0.000	49.7	0.004	BB	0.019	43.76	0.008
86	9.334		0.0000	0.000	38.1	0.003	BB	0.025	25.17	0.005
87	9.367		0.0000	0.000	39.9	0.003	BB	0.018	36.66	0.007
88	9.400		0.0000	0.000	25.8	0.002	BB	0.010	44.68	0.008
89	9.467		0.0000	0.000	175.8	0.013	BB	0.064	45.54	0.009
90	9.517		0.0000	0.000	21.4	0.002	BB	0.012	30.61	0.006
91	9.533		0.0000	0.000	64.3	0.005	BB	0.019	56.78	0.011
92	9.666		0.0000	0.000	8124.9	0.583	BB	0.458	295.38	0.056
93	9.949		0.0000	0.000	26124.8	1.875	BB	0.086	5048.54	0.951

Total Area = 1393538.0, Total Amount = 80.403, Total Height = 530614.1, Sample Units = ug/l

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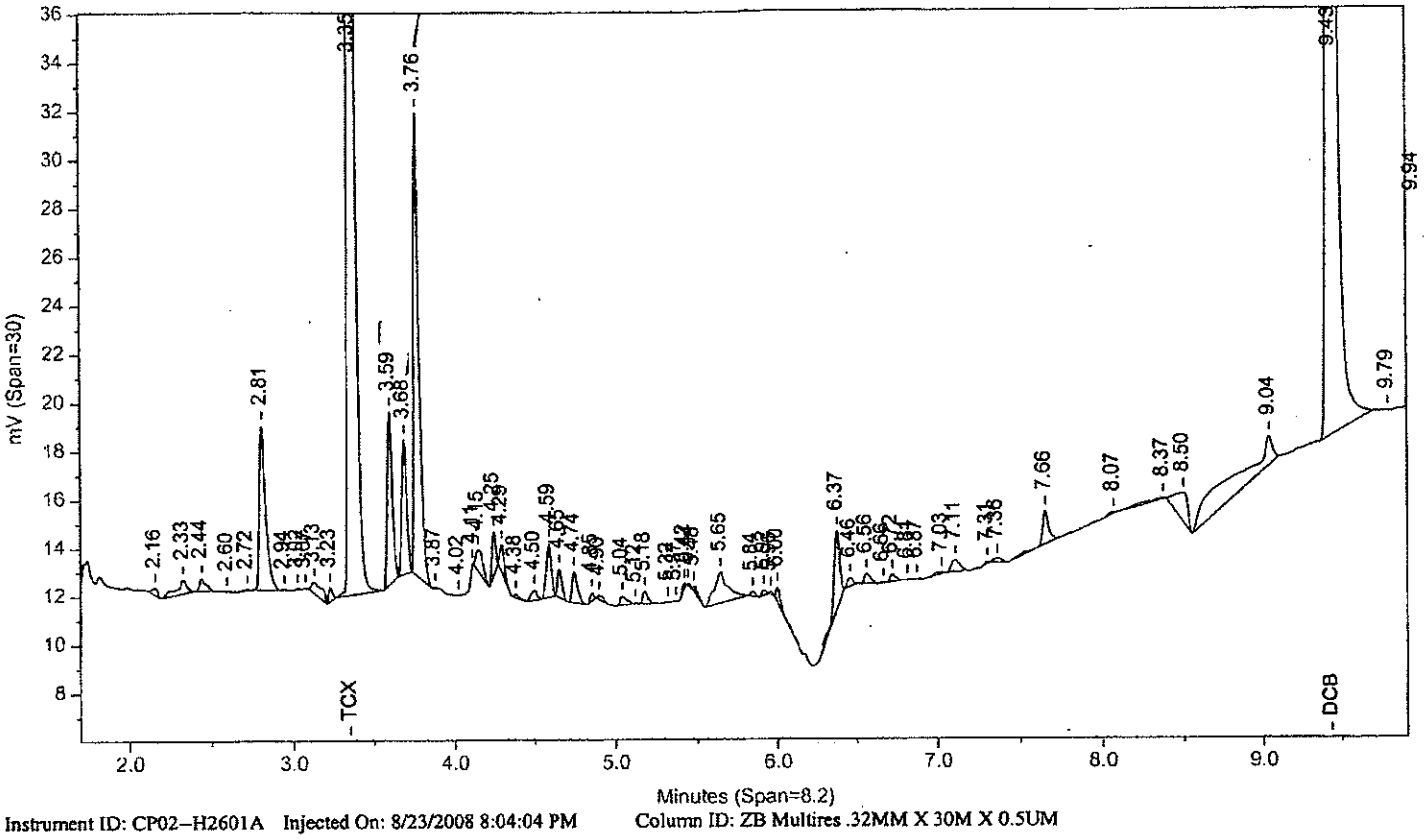
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.34R

C:\CPWIN\DATA1\1P2235.34R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 8:04:04 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.34R

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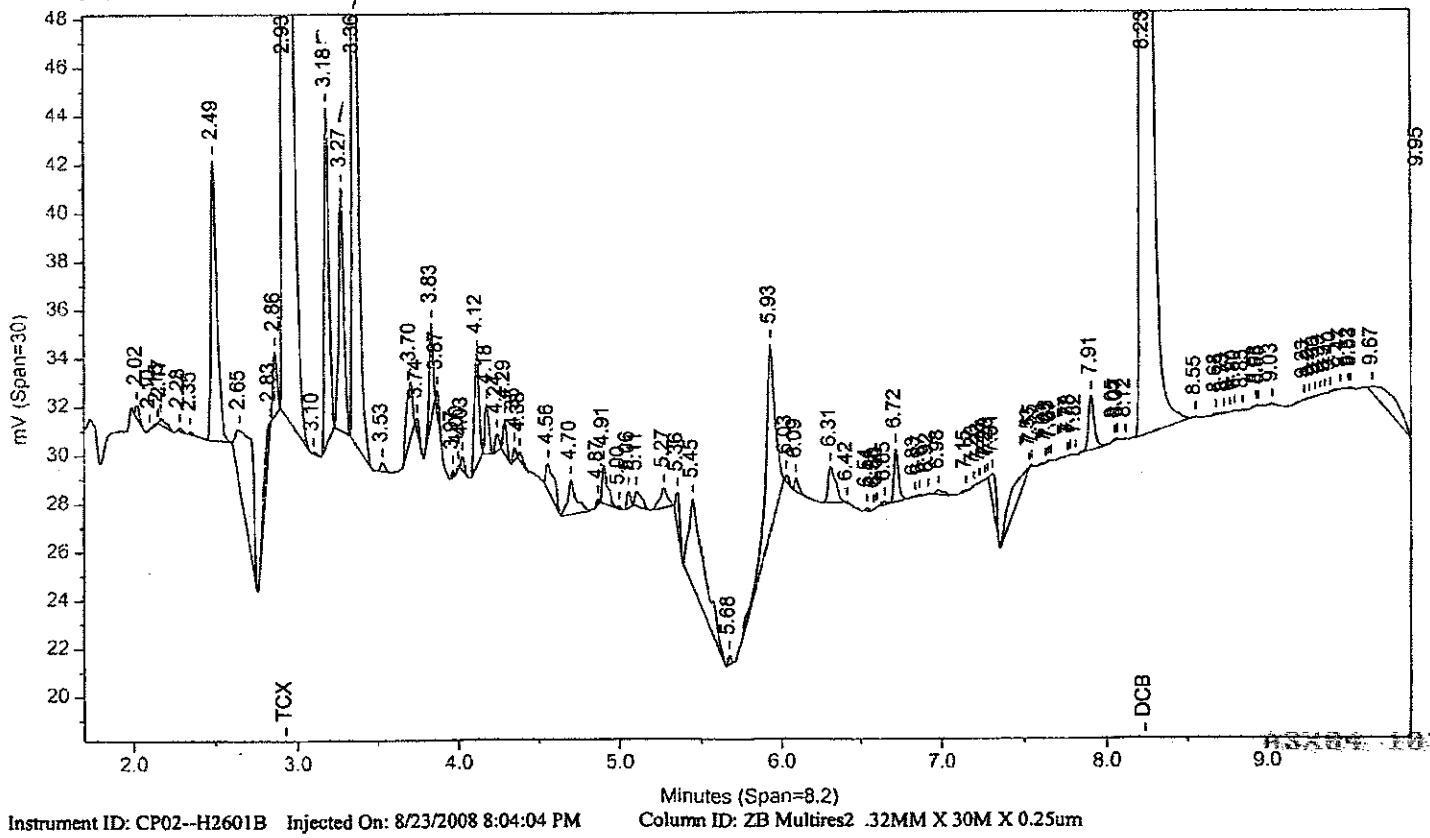


Instrument ID: CP02--H2601B Injected On: 8/23/2008 8:04:04 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

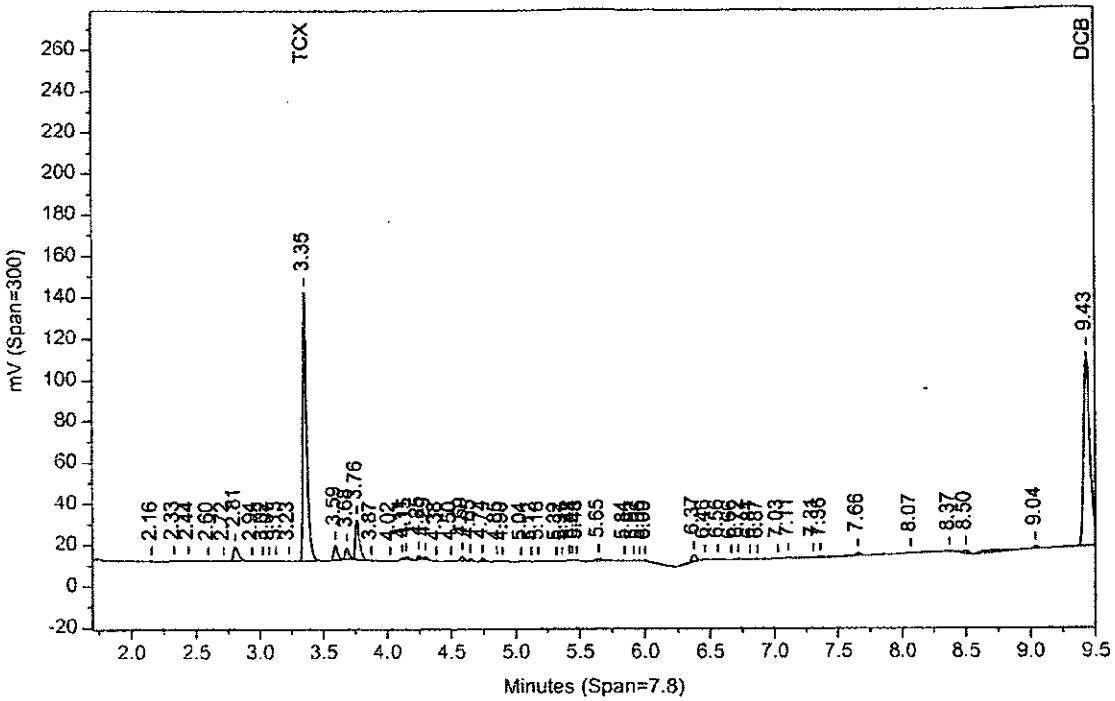
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	131713	41.30579	TCX	2.927	211138	39.63311	TCX
9.433	93978	41.10513	DCB	8.234	187511	40.76957	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.34A
Area File: C:\CPWIN\DATA1\1P2235B.34A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:39:38 AM
File Reported On: 8/25/2008 at 11:39:47 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.34R



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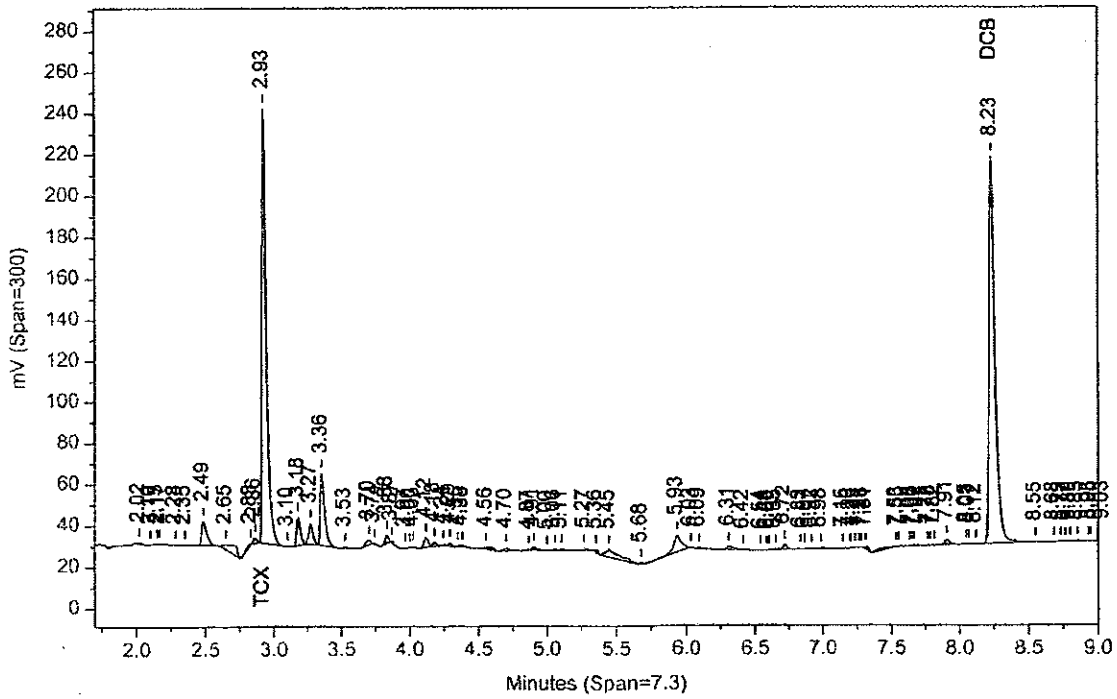

Sample Name: **AR32X0824B AAAR32XAA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 08:28:28pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.35R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.158		0.0000	0.000	570.7	0.061	BB	0.038	250.73	0.069
2	2.249		0.0000	0.000	228.0	0.025	BB	0.049	77.43	0.021
3	2.329		0.0000	0.000	1569.8	0.169	BB	0.046	562.86	0.155
4	2.440		0.0000	0.000	1208.8	0.130	BB	0.050	402.37	0.110
5	2.691		0.0000	0.000	135.2	0.015	BB	0.053	42.31	0.012
6	2.807		0.0000	0.000	10353.8	1.115	BB	0.043	3999.28	1.098
7	2.914		0.0000	0.000	941.4	0.101	BB	0.071	222.39	0.061
8	3.017		0.0000	0.000	27.3	0.003	BB	0.019	24.27	0.007
9	3.076		0.0000	0.000	140.9	0.015	BB	0.034	68.82	0.019
10	3.122		0.0000	0.000	73.3	0.008	BB	0.021	59.23	0.016
11	3.153		0.0000	0.000	596.5	0.064	BB	0.032	314.75	0.086
12	3.228		0.0000	0.000	1286.2	0.138	BB	0.043	500.89	0.138
13	3.352	TCX	41.8840	49.835	269262.2	28.988	BB	0.034	133556.50	36.666
14	3.596		0.0000	0.000	9217.8	0.992	BB	0.035	4400.20	1.208
15	3.684		0.0000	0.000	9157.3	0.986	BB	0.036	4222.41	1.159
16	3.761		0.0000	0.000	36406.7	3.919	BB	0.038	15856.46	4.353
17	3.875		0.0000	0.000	77.5	0.008	BB	0.014	91.66	0.025
18	3.911		0.0000	0.000	1131.0	0.122	BB	0.030	637.21	0.175
19	4.113		0.0000	0.000	3837.0	0.413	BB	0.032	1973.47	0.542
20	4.129		0.0000	0.000	2021.8	0.218	BB	0.020	1675.00	0.460
21	4.244		0.0000	0.000	1715.2	0.185	BB	0.024	1212.69	0.333
22	4.296		0.0000	0.000	16850.2	1.814	BB	0.035	7979.71	2.191
23	4.415		0.0000	0.000	125.1	0.013	BB	0.022	93.68	0.026
24	4.491		0.0000	0.000	5787.6	0.623	BB	0.047	2050.39	0.563
25	4.585		0.0000	0.000	41507.0	4.468	BB	0.038	18118.68	4.974
26	4.647		0.0000	0.000	13407.8	1.443	BB	0.030	7456.88	2.047
27	4.740		0.0000	0.000	13116.7	1.412	BB	0.031	7094.96	1.948
28	4.800		0.0000	0.000	161.8	0.017	BB	0.016	169.44	0.047
29	4.852		0.0000	0.000	5097.8	0.549	BB	0.024	3597.33	0.988
30	4.895		0.0000	0.000	11088.3	1.194	BB	0.046	4016.22	1.103
31	5.041		0.0000	0.000	18784.8	2.022	BB	0.046	6765.66	1.857
32	5.122		0.0000	0.000	1144.7	0.123	BB	0.019	979.85	0.269
33	5.174		0.0000	0.000	10300.0	1.109	BB	0.030	5637.30	1.548
34	5.231		0.0000	0.000	1785.7	0.192	BB	0.025	1174.10	0.322
35	5.308		0.0000	0.000	433.1	0.047	BB	0.027	272.31	0.075
36	5.365		0.0000	0.000	342.8	0.037	BB	0.022	260.65	0.072
37	5.416		0.0000	0.000	1997.3	0.215	BB	0.028	1185.98	0.326
38	5.444		0.0000	0.000	2798.3	0.301	BB	0.018	2562.90	0.704
39	5.475		0.0000	0.000	5520.6	0.594	BB	0.022	4127.04	1.133
40	5.634		0.0000	0.000	2071.6	0.223	BB	0.033	1055.42	0.290
41	5.651		0.0000	0.000	1216.1	0.131	BB	0.019	1040.91	0.286
42	5.748		0.0000	0.000	764.0	0.082	BB	0.026	497.43	0.137
43	5.841		0.0000	0.000	1431.4	0.154	BB	0.033	730.89	0.201
44	5.913		0.0000	0.000	1174.5	0.126	BB	0.027	737.35	0.202
45	5.954		0.0000	0.000	483.6	0.052	BB	0.019	422.53	0.116
46	5.997		0.0000	0.000	2804.1	0.302	BB	0.030	1540.89	0.423
47	6.109		0.0000	0.000	1441.3	0.155	BB	0.028	855.43	0.235
48	6.296		0.0000	0.000	1347.0	0.145	BB	0.031	731.18	0.201
49	6.372		0.0000	0.000	7614.5	0.820	BB	0.037	3401.56	0.934
50	6.454		0.0000	0.000	772.3	0.083	BB	0.036	353.15	0.097
51	6.505		0.0000	0.000	102.1	0.011	BB	0.020	85.98	0.024
52	6.555		0.0000	0.000	2120.6	0.228	BB	0.034	1027.11	0.282
53	6.668		0.0000	0.000	26.1	0.003	BB	0.018	23.86	0.007
54	6.713		0.0000	0.000	1008.7	0.109	BB	0.036	460.99	0.127
55	6.801		0.0000	0.000	337.3	0.036	BB	0.029	190.64	0.052
56	6.861		0.0000	0.000	122.7	0.013	BB	0.025	80.97	0.022
57	7.018		0.0000	0.000	666.0	0.072	BB	0.047	238.68	0.066
58	7.101		0.0000	0.000	3499.6	0.377	BB	0.062	941.40	0.258
59	7.365		0.0000	0.000	1905.6	0.205	BB	0.055	576.70	0.158
60	7.652		0.0000	0.000	371.4	0.040	BB	0.030	206.02	0.057
61	7.704		0.0000	0.000	467.6	0.050	BB	0.032	243.54	0.067
62	7.801		0.0000	0.000	127.8	0.014	BB	0.041	51.78	0.014

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.899		0.0000	0.000	318.5	0.034	BB	0.046	116.25	0.032
64	8.490		0.0000	0.000	27466.6	2.957	BB	0.343	1336.25	0.367
65	9.035		0.0000	0.000	19704.2	2.121	BB	0.310	1060.33	0.291
66	9.427	DCB	42.1612	50.165	330379.0	35.567	BB	0.057	96392.54	26.463
67	9.921		0.0000	0.000	18927.3	2.038	BB	0.051	6160.56	1.691

Total Area = 928879.4, Total Amount = 84.045, Total Height = 364254.3, Sample Units = ug/l

Sample Name: **AR32X0824B AAAR32XAA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 08:28:28pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.35R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.024		0.0000	0.000	1223.6	0.078	BB	0.031	666.99	0.101
2	2.100		0.0000	0.000	24.6	0.002	BB	0.006	64.20	0.010
3	2.133		0.0000	0.000	77.6	0.005	BB	0.016	79.31	0.012
4	2.174		0.0000	0.000	377.4	0.024	BB	0.025	246.89	0.037
5	2.282		0.0000	0.000	531.9	0.034	BB	0.033	268.99	0.041
6	2.350		0.0000	0.000	86.4	0.006	BB	0.014	106.00	0.016
7	2.399		0.0000	0.000	178.7	0.011	BB	0.029	101.10	0.015
8	2.488		0.0000	0.000	17944.2	1.147	BB	0.044	6788.67	1.030
9	2.583		0.0000	0.000	109.4	0.007	BB	0.018	102.90	0.016
10	2.633		0.0000	0.000	313.3	0.020	BB	0.022	242.48	0.037
11	2.666		0.0000	0.000	257.2	0.016	BB	0.021	203.24	0.031
12	2.716		0.0000	0.000	1908.0	0.122	BB	0.039	817.18	0.124
13	2.833		0.0000	0.000	3255.1	0.208	BB	0.159	340.30	0.052
14	2.865		0.0000	0.000	2976.8	0.190	BB	0.029	1736.97	0.264
15	2.928	TCX	40.9142	50.629	481097.3	30.763	BB	0.037	217963.30	33.069
16	3.100		0.0000	0.000	528.3	0.034	BB	0.037	236.06	0.036
17	3.181		0.0000	0.000	17384.8	1.112	BB	0.032	8950.88	1.358
18	3.273		0.0000	0.000	16186.3	1.035	BB	0.038	7158.15	1.086
19	3.355		0.0000	0.000	65298.1	4.175	BB	0.038	28885.72	4.382
20	3.530		0.0000	0.000	3420.2	0.219	BB	0.036	1592.96	0.242
21	3.634		0.0000	0.000	15.6	0.001	BB	0.006	41.01	0.006
22	3.689		0.0000	0.000	63506.7	4.061	BB	0.053	19970.56	3.030
23	3.831		0.0000	0.000	2671.1	0.171	BB	0.021	2143.00	0.325
24	3.872		0.0000	0.000	27920.8	1.785	BB	0.033	13923.67	2.112
25	3.966		0.0000	0.000	148.2	0.009	BB	0.011	222.34	0.034
26	4.001		0.0000	0.000	1733.4	0.111	BB	0.020	1454.46	0.221
27	4.020		0.0000	0.000	1207.6	0.077	BB	0.018	1090.71	0.165
28	4.116		0.0000	0.000	68568.6	4.385	BB	0.035	32935.57	4.997
29	4.175		0.0000	0.000	21382.5	1.367	BB	0.031	11468.95	1.740
30	4.294		0.0000	0.000	20990.6	1.342	BB	0.027	12722.59	1.930
31	4.352		0.0000	0.000	6527.9	0.417	BB	0.023	4677.01	0.710
32	4.387		0.0000	0.000	17946.4	1.148	BB	0.038	7938.17	1.204
33	4.557		0.0000	0.000	28725.8	1.837	BB	0.038	12499.89	1.896
34	4.620		0.0000	0.000	1516.5	0.097	BB	0.018	1373.57	0.208
35	4.697		0.0000	0.000	21311.3	1.363	BB	0.033	10715.34	1.626
36	4.763		0.0000	0.000	5162.4	0.330	BB	0.027	3214.05	0.488
37	4.834		0.0000	0.000	176.5	0.011	BB	0.013	221.03	0.034
38	4.868		0.0000	0.000	4158.7	0.266	BB	0.019	3739.31	0.567
39	4.903		0.0000	0.000	10152.2	0.649	BB	0.021	8043.14	1.220
40	4.939		0.0000	0.000	10240.1	0.655	BB	0.022	7655.03	1.161
41	5.056		0.0000	0.000	2283.4	0.146	BB	0.024	1611.17	0.244
42	5.108		0.0000	0.000	8147.3	0.521	BB	0.024	5736.29	0.870
43	5.144		0.0000	0.000	3901.3	0.249	BB	0.021	3157.70	0.479
44	5.233		0.0000	0.000	138.1	0.009	BB	0.033	69.52	0.011
45	5.270		0.0000	0.000	3362.1	0.215	BB	0.035	1619.23	0.246
46	5.354		0.0000	0.000	4192.7	0.268	BB	0.025	2798.31	0.425
47	5.408		0.0000	0.000	959.9	0.061	BB	0.024	670.68	0.102
48	5.445		0.0000	0.000	8792.5	0.562	BB	0.040	3650.22	0.554
49	5.549		0.0000	0.000	61.4	0.004	BB	0.009	117.75	0.018
50	5.577		0.0000	0.000	2222.4	0.142	BB	0.026	1438.11	0.218
51	5.674		0.0000	0.000	2786.0	0.178	BB	0.028	1669.54	0.253
52	5.930		0.0000	0.000	12273.7	0.785	BB	0.043	4810.91	0.730
53	5.974		0.0000	0.000	780.0	0.050	BB	0.021	623.87	0.095
54	6.033		0.0000	0.000	319.8	0.020	BB	0.020	270.32	0.041
55	6.089		0.0000	0.000	894.0	0.057	BB	0.026	573.08	0.087
56	6.133		0.0000	0.000	196.7	0.013	BB	0.015	215.36	0.033
57	6.185		0.0000	0.000	450.0	0.029	BB	0.024	310.79	0.047
58	6.313		0.0000	0.000	4925.5	0.315	BB	0.047	1737.93	0.264
59	6.383		0.0000	0.000	426.3	0.027	BB	0.022	316.80	0.048
60	6.483		0.0000	0.000	404.0	0.026	BB	0.025	272.96	0.041
61	6.533		0.0000	0.000	168.8	0.011	BB	0.021	137.03	0.021
62	6.566		0.0000	0.000	34.5	0.002	BB	0.007	84.61	0.013

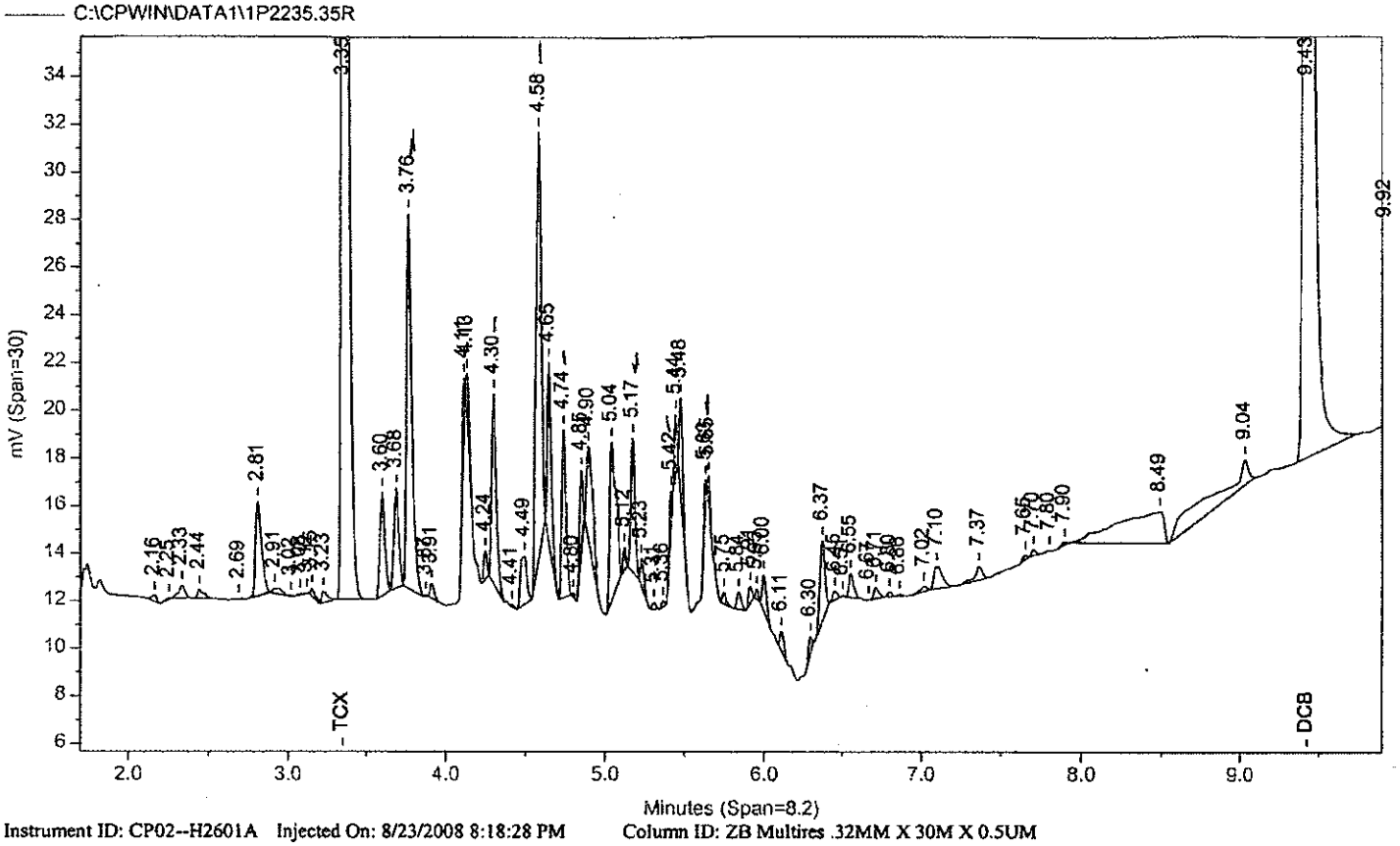
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.600		0.0000	0.000	31.7	0.002	BB	0.009	60.78	0.009
64	6.638		0.0000	0.000	1781.1	0.114	BB	0.032	914.19	0.139
65	6.716		0.0000	0.000	968.0	0.062	BB	0.031	514.98	0.078
66	6.816		0.0000	0.000	57.8	0.004	BB	0.016	61.26	0.009
67	6.867		0.0000	0.000	64.1	0.004	BB	0.016	65.19	0.010
68	6.883		0.0000	0.000	17.8	0.001	BB	0.007	40.08	0.006
69	6.918		0.0000	0.000	405.0	0.026	BB	0.030	223.71	0.034
70	6.982		0.0000	0.000	1653.8	0.106	BB	0.036	763.04	0.116
71	7.100		0.0000	0.000	14.8	0.001	BB	0.006	38.05	0.006
72	7.133		0.0000	0.000	777.4	0.050	BB	0.035	365.72	0.055
73	7.200		0.0000	0.000	108.3	0.007	BB	0.017	103.84	0.016
74	7.250		0.0000	0.000	25.3	0.002	BB	0.009	47.86	0.007
75	7.266		0.0000	0.000	30.4	0.002	BB	0.009	59.41	0.009
76	7.284		0.0000	0.000	21.6	0.001	BB	0.009	42.23	0.006
77	7.300		0.0000	0.000	2129.8	0.136	BB	0.053	673.04	0.102
78	7.450		0.0000	0.000	2245.6	0.144	BB	0.355	105.32	0.016
79	7.467		0.0000	0.000	32.0	0.002	BB	0.008	66.34	0.010
80	7.500		0.0000	0.000	87.2	0.006	BB	0.028	52.13	0.008
81	7.517		0.0000	0.000	20.5	0.001	BB	0.006	52.85	0.008
82	7.549		0.0000	0.000	727.6	0.047	BB	0.034	360.33	0.055
83	7.600		0.0000	0.000	20.8	0.001	BB	0.007	51.42	0.008
84	7.633		0.0000	0.000	19.6	0.001	BB	0.006	53.33	0.008
85	7.650		0.0000	0.000	21.7	0.001	BB	0.006	57.65	0.009
86	7.684		0.0000	0.000	18.9	0.001	BB	0.008	37.82	0.006
87	7.700		0.0000	0.000	68.1	0.004	BB	0.013	85.24	0.013
88	7.749		0.0000	0.000	22.4	0.001	BB	0.007	51.18	0.008
89	7.799		0.0000	0.000	208.7	0.013	BB	0.025	137.30	0.021
90	7.905		0.0000	0.000	4763.3	0.305	BB	0.037	2118.04	0.321
91	8.000		0.0000	0.000	15.9	0.001	BB	0.006	46.84	0.007
92	8.033		0.0000	0.000	17.3	0.001	BB	0.007	43.54	0.007
93	8.066		0.0000	0.000	61.3	0.004	BB	0.022	47.22	0.007
94	8.099		0.0000	0.000	19.6	0.001	BB	0.007	46.01	0.007
95	8.133		0.0000	0.000	27.4	0.002	BB	0.009	52.42	0.008
96	8.150		0.0000	0.000	19.2	0.001	BB	0.008	41.70	0.006
97	8.166		0.0000	0.000	31.7	0.002	BB	0.012	45.58	0.007
98	8.229	DCB	39.8976	49.371	547849.8	35.032	BB	0.050	183500.20	27.840
99	8.533		0.0000	0.000	25.1	0.002	BB	0.008	50.09	0.008
100	8.566		0.0000	0.000	48.9	0.003	BB	0.012	67.66	0.010
101	8.599		0.0000	0.000	56.8	0.004	BB	0.020	48.47	0.007
102	8.617		0.0000	0.000	25.6	0.002	BB	0.009	46.52	0.007
103	8.650		0.0000	0.000	27.5	0.002	BB	0.007	62.65	0.010
104	8.667		0.0000	0.000	31.2	0.002	BB	0.010	49.58	0.008
105	8.683		0.0000	0.000	25.9	0.002	BB	0.007	60.91	0.009
106	8.700		0.0000	0.000	36.3	0.002	BB	0.011	53.77	0.008
107	8.717		0.0000	0.000	18.9	0.001	BB	0.008	42.07	0.006
108	8.734		0.0000	0.000	25.2	0.002	BB	0.009	47.32	0.007
109	8.750		0.0000	0.000	34.7	0.002	BB	0.011	53.13	0.008
110	8.784		0.0000	0.000	27.7	0.002	BB	0.012	39.98	0.006
111	8.817		0.0000	0.000	32.5	0.002	BB	0.010	53.97	0.008
112	8.833		0.0000	0.000	407.7	0.026	BB	0.041	165.36	0.025
113	8.934		0.0000	0.000	252.2	0.016	BB	0.053	79.36	0.012
114	8.966		0.0000	0.000	63.2	0.004	BB	0.014	76.48	0.012
115	8.983		0.0000	0.000	48.3	0.003	BB	0.013	60.07	0.009
116	9.032		0.0000	0.000	189.1	0.012	BB	0.030	104.92	0.016
117	9.167		0.0000	0.000	34.6	0.002	BB	0.010	58.97	0.009
118	9.283		0.0000	0.000	47.5	0.003	BB	0.014	57.53	0.009
119	9.316		0.0000	0.000	23.7	0.002	BB	0.007	56.26	0.009
120	9.333		0.0000	0.000	31.3	0.002	BB	0.011	49.65	0.008
121	9.350		0.0000	0.000	27.1	0.002	BB	0.010	44.34	0.007
122	9.366		0.0000	0.000	27.8	0.002	BB	0.009	52.01	0.008
123	9.401		0.0000	0.000	25.1	0.002	BB	0.008	50.19	0.008
124	9.417		0.0000	0.000	34.6	0.002	BB	0.011	50.12	0.008
125	9.433		0.0000	0.000	26.7	0.002	BB	0.008	57.82	0.009
126	9.450		0.0000	0.000	29.3	0.002	BB	0.010	51.36	0.008
127	9.467		0.0000	0.000	27.0	0.002	BB	0.008	56.94	0.009
128	9.484		0.0000	0.000	32.0	0.002	BB	0.011	48.92	0.007
129	9.500		0.0000	0.000	27.6	0.002	BB	0.009	50.43	0.008
130	9.533		0.0000	0.000	194.5	0.012	BB	0.028	116.89	0.018
131	9.584		0.0000	0.000	22.3	0.001	BB	0.008	48.90	0.007
132	9.600		0.0000	0.000	32.7	0.002	BB	0.009	64.02	0.010

ASX84 1885

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.633		0.0000	0.000	77.8	0.005	BB	0.021	61.70	0.009
134	9.667		0.0000	0.000	55.0	0.004	BB	0.017	55.36	0.008
135	9.700		0.0000	0.000	45.2	0.003	BB	0.014	54.84	0.008
136	9.716		0.0000	0.000	4196.8	0.268	BB	0.322	217.09	0.033
137	9.933		0.0000	0.000	8029.0	0.513	BB	0.128	1047.38	0.159
138	9.966		0.0000	0.000	100.7	0.006	BB	0.020	84.06	0.013

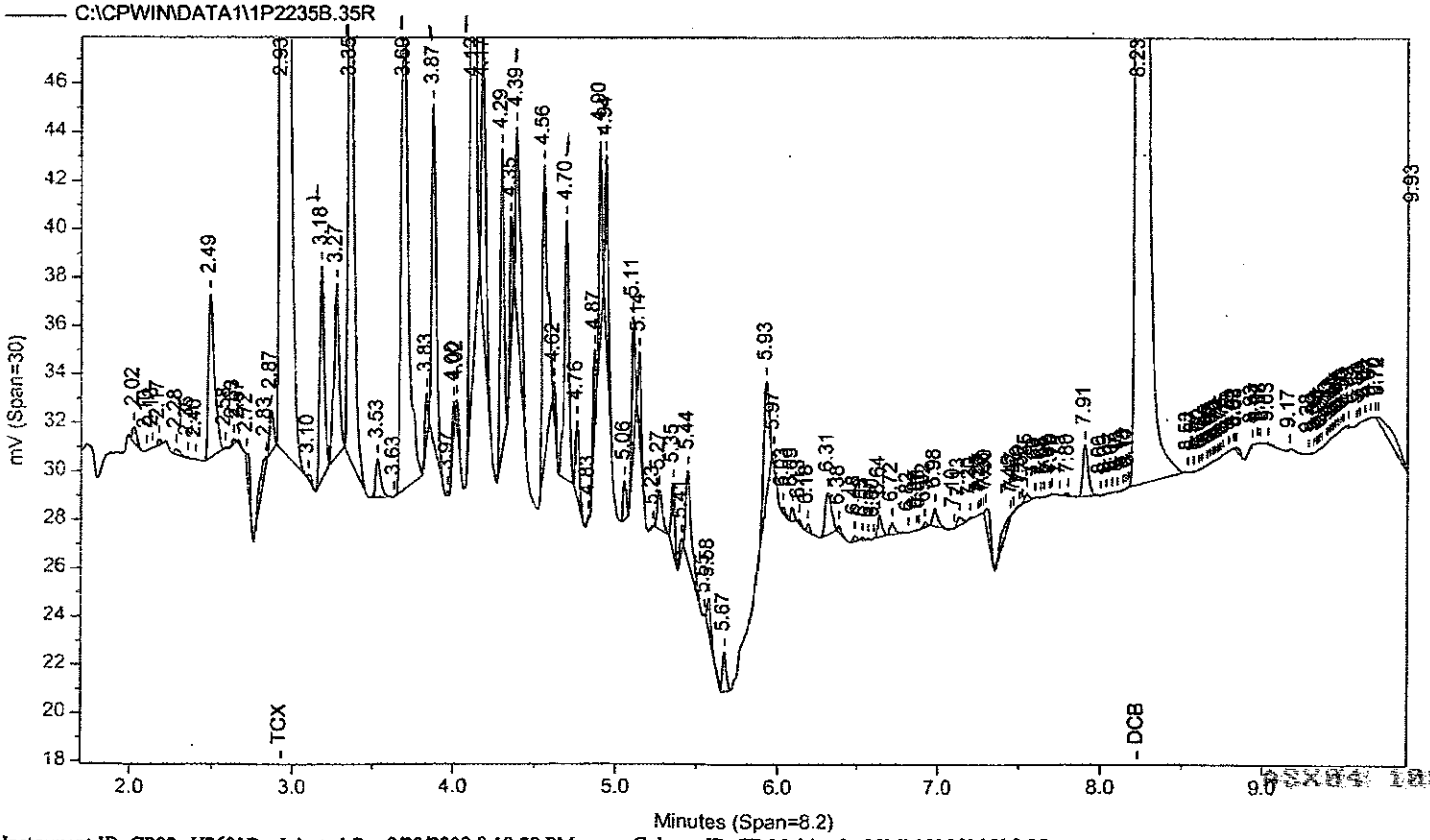
Total Area = 1563873.0, Total Amount = 80.812, Total Height = 659116.4, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.35R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 8:18:28 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.35R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 8:18:28 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

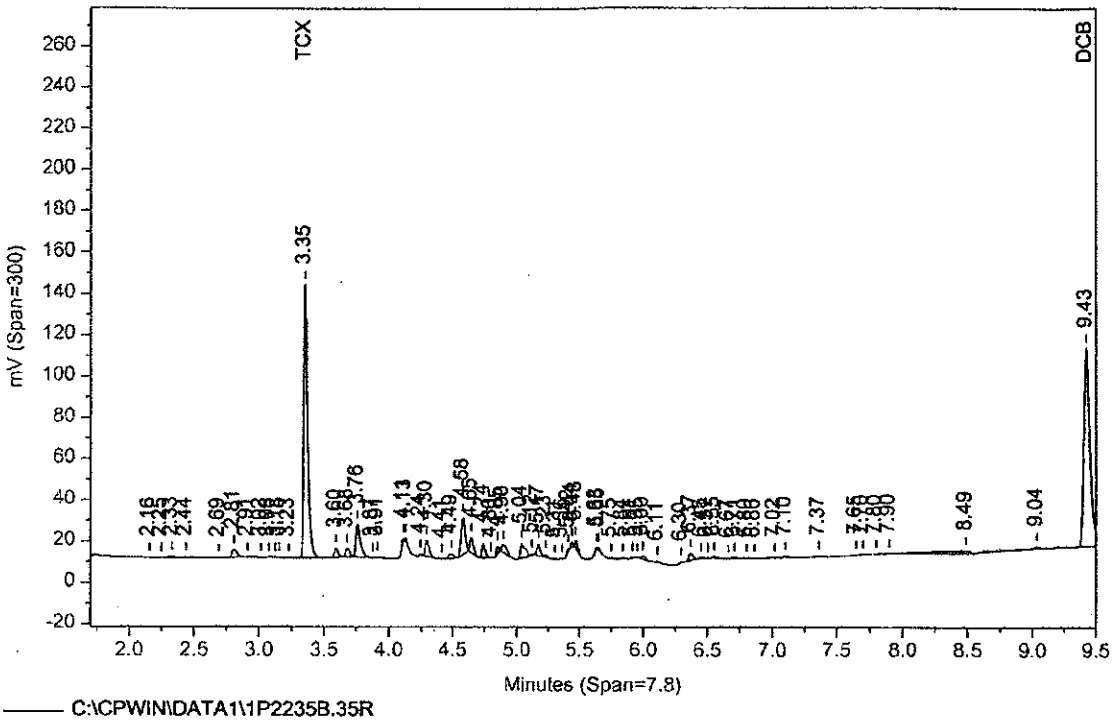
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	133557	41.88403	TCX	2.928	217963	40.9142	TCX
9.427	96393	42.1612	DCB	8.229	183500	39.89758	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.35A
Area File: C:\CPWIN\DATA1\1P2235B.35A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:39:56 AM
File Reported On: 8/25/2008 at 11:40:04 AM

10X REPLOTS

ASX84 108B

C:\CPWIN\DATA1\1P2235.35R



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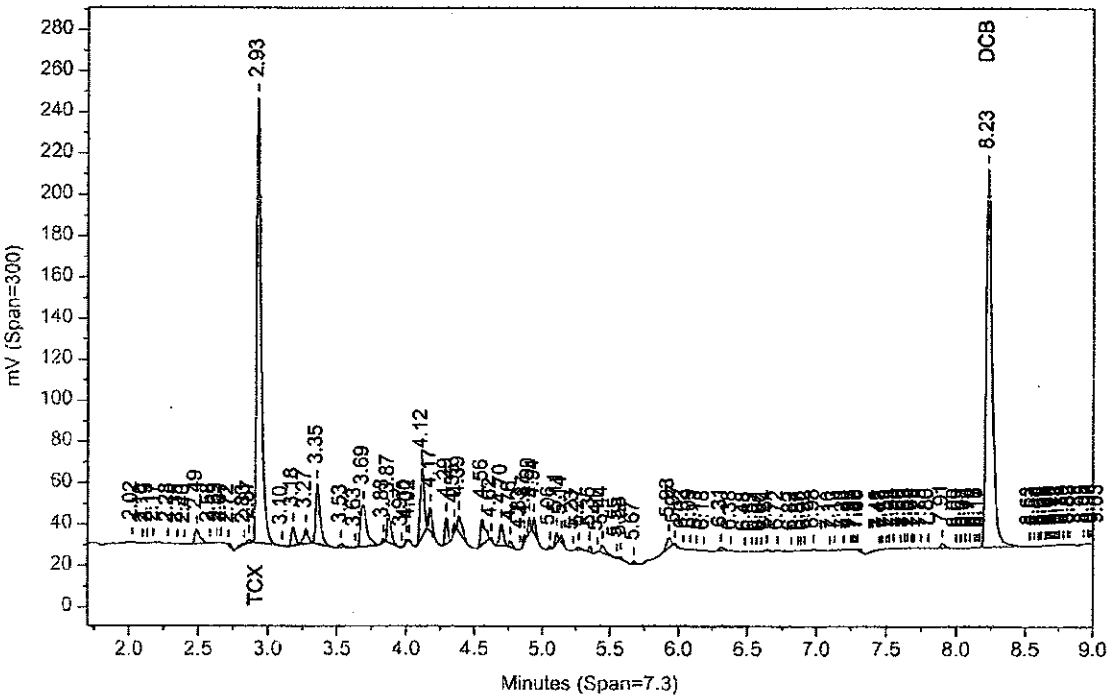


Sample Name: **AR4230824B AAAR423AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 08:42:58pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.36R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.070		0.0000	0.000	164.0	0.015	BB	0.047	57.71	0.013
2	2.162		0.0000	0.000	873.5	0.081	BB	0.040	367.93	0.085
3	2.252		0.0000	0.000	419.7	0.039	BB	0.042	165.42	0.038
4	2.332		0.0000	0.000	2139.5	0.199	BB	0.053	676.87	0.156
5	2.446		0.0000	0.000	2038.3	0.189	BB	0.054	628.21	0.145
6	2.647		0.0000	0.000	12.7	0.001	BB	0.016	13.50	0.003
7	2.698		0.0000	0.000	97.5	0.009	BB	0.047	34.62	0.008
8	2.774		0.0000	0.000	167.0	0.016	BB	0.028	100.22	0.023
9	2.816		0.0000	0.000	441.6	0.041	BB	0.041	181.61	0.042
10	2.938		0.0000	0.000	716.0	0.066	BB	0.064	187.46	0.043
11	3.074		0.0000	0.000	542.5	0.050	BB	0.032	283.85	0.065
12	3.131		0.0000	0.000	4497.2	0.418	BB	0.091	822.96	0.189
13	3.358	TCX	42.6747	49.638	276919.2	25.717	BB	0.034	136077.60	31.312
14	3.548		0.0000	0.000	212.7	0.020	BB	0.055	64.21	0.015
15	3.598		0.0000	0.000	3573.3	0.332	BB	0.035	1725.35	0.397
16	3.686		0.0000	0.000	6701.7	0.622	BB	0.038	2907.80	0.669
17	3.766		0.0000	0.000	25789.2	2.395	BB	0.038	11293.39	2.599
18	3.878		0.0000	0.000	68.2	0.006	BB	0.013	85.40	0.020
19	3.916		0.0000	0.000	2264.4	0.210	BB	0.033	1136.46	0.262
20	4.042		0.0000	0.000	125.3	0.012	BB	0.039	53.37	0.012
21	4.116		0.0000	0.000	6550.2	0.608	BB	0.030	3604.14	0.829
22	4.134		0.0000	0.000	3683.9	0.342	BB	0.023	2722.30	0.626
23	4.244		0.0000	0.000	522.2	0.048	BB	0.019	451.16	0.104
24	4.301		0.0000	0.000	29169.5	2.709	BB	0.036	13345.65	3.071
25	4.421		0.0000	0.000	307.4	0.029	BB	0.024	214.40	0.049
26	4.496		0.0000	0.000	9757.0	0.906	BB	0.047	3472.14	0.799
27	4.590		0.0000	0.000	67184.6	6.239	BB	0.038	29410.17	6.767
28	4.652		0.0000	0.000	20715.4	1.924	BB	0.030	11521.84	2.651
29	4.745		0.0000	0.000	22145.3	2.057	BB	0.031	11946.65	2.749
30	4.805		0.0000	0.000	446.3	0.041	BB	0.019	390.89	0.090
31	4.857		0.0000	0.000	8950.7	0.831	BB	0.024	6127.85	1.410
32	4.900		0.0000	0.000	20051.1	1.862	BB	0.047	7062.43	1.625
33	5.047		0.0000	0.000	32687.6	3.036	BB	0.046	11719.63	2.697
34	5.129		0.0000	0.000	2497.6	0.232	BB	0.020	2055.19	0.473
35	5.181		0.0000	0.000	18117.6	1.683	BB	0.030	9921.19	2.283
36	5.239		0.0000	0.000	2992.3	0.278	BB	0.025	1993.43	0.459
37	5.315		0.0000	0.000	868.6	0.081	BB	0.027	536.01	0.123
38	5.372		0.0000	0.000	570.6	0.053	BB	0.023	412.37	0.095
39	5.420		0.0000	0.000	4422.9	0.411	BB	0.023	3191.39	0.734
40	5.448		0.0000	0.000	5167.2	0.480	BB	0.018	4908.97	1.130
41	5.481		0.0000	0.000	9992.8	0.928	BB	0.023	7116.14	1.637
42	5.591		0.0000	0.000	213.7	0.020	BB	0.022	161.17	0.037
43	5.659		0.0000	0.000	39556.4	3.674	BB	0.058	11373.55	2.617
44	5.749		0.0000	0.000	1593.5	0.148	BB	0.024	1110.36	0.255
45	5.847		0.0000	0.000	3558.2	0.330	BB	0.032	1837.84	0.423
46	5.920		0.0000	0.000	2973.3	0.276	BB	0.026	1881.16	0.433
47	5.960		0.0000	0.000	1064.1	0.099	BB	0.019	941.70	0.217
48	6.004		0.0000	0.000	7324.1	0.680	BB	0.032	3860.05	0.888
49	6.116		0.0000	0.000	3839.8	0.357	BB	0.031	2064.52	0.475
50	6.244		0.0000	0.000	289.5	0.027	BB	0.023	211.38	0.049
51	6.298		0.0000	0.000	5615.9	0.522	BB	0.030	3097.14	0.713
52	6.377		0.0000	0.000	7105.7	0.660	BB	0.039	3061.10	0.704
53	6.460		0.0000	0.000	1076.7	0.100	BB	0.037	483.13	0.111
54	6.511		0.0000	0.000	73.8	0.007	BB	0.019	66.13	0.015
55	6.561		0.0000	0.000	8160.7	0.758	BB	0.039	3471.48	0.799
56	6.720		0.0000	0.000	2461.4	0.229	BB	0.044	924.13	0.213
57	6.883		0.0000	0.000	229.8	0.021	BB	0.025	152.83	0.035
58	6.997		0.0000	0.000	239.5	0.022	BB	0.027	148.59	0.034
59	7.033		0.0000	0.000	119.0	0.011	BB	0.029	67.45	0.016
60	7.116		0.0000	0.000	5415.3	0.503	BB	0.085	1067.60	0.246
61	7.349		0.0000	0.000	3535.9	0.328	BB	0.100	589.31	0.136
62	7.657		0.0000	0.000	2580.9	0.240	BB	0.045	947.33	0.218

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.827		0.0000	0.000	110.9	0.010	BB	0.069	26.85	0.006
64	7.892		0.0000	0.000	740.9	0.069	BB	0.037	329.50	0.076
65	8.250		0.0000	0.000	4822.8	0.448	BB	0.201	400.73	0.092
66	8.509		0.0000	0.000	11298.3	1.049	BB	0.081	2310.91	0.532
67	8.757		0.0000	0.000	5574.9	0.518	BB	0.261	355.80	0.082
68	9.045		0.0000	0.000	2974.1	0.276	BB	0.059	846.65	0.195
69	9.437	DCB	43.2979	50.362	338409.0	31.428	BB	0.057	98991.42	22.778
70	9.694		0.0000	0.000	112.7	0.010	BB	0.047	39.65	0.009
71	9.940		0.0000	0.000	21144.1	1.964	BB	0.074	4780.81	1.100

Total Area = 1076779.0, Total Amount = 85.973, Total Height = 434588.1, Sample Units = ug/l

Sample Name: **AR4230824B AAAR423AA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 08:42:58pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.36R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.024		0.0000	0.000	839.8	0.047	BB	0.025	564.37	0.072
2	2.091		0.0000	0.000	27.1	0.002	BB	0.008	55.03	0.007
3	2.107		0.0000	0.000	49.2	0.003	BB	0.010	78.97	0.010
4	2.123		0.0000	0.000	32.2	0.002	BB	0.008	70.65	0.009
5	2.173		0.0000	0.000	319.1	0.018	BB	0.020	260.88	0.033
6	2.216		0.0000	0.000	904.7	0.050	BB	0.026	586.35	0.075
7	2.273		0.0000	0.000	331.4	0.018	BB	0.024	231.12	0.030
8	2.340		0.0000	0.000	23.8	0.001	BB	0.007	55.17	0.007
9	2.356		0.0000	0.000	111.9	0.006	BB	0.015	126.65	0.016
10	2.390		0.0000	0.000	29.4	0.002	BB	0.008	62.39	0.008
11	2.406		0.0000	0.000	54.3	0.003	BB	0.010	87.38	0.011
12	2.439		0.0000	0.000	88.4	0.005	BB	0.013	115.18	0.015
13	2.489		0.0000	0.000	323.2	0.018	BB	0.025	213.02	0.027
14	2.523		0.0000	0.000	24.5	0.001	BB	0.006	65.30	0.008
15	2.539		0.0000	0.000	204.4	0.011	BB	0.013	263.72	0.034
16	2.574		0.0000	0.000	21.6	0.001	BB	0.007	54.11	0.007
17	2.590		0.0000	0.000	46.8	0.003	BB	0.010	74.60	0.010
18	2.607		0.0000	0.000	21.3	0.001	BB	0.006	55.29	0.007
19	2.664		0.0000	0.000	32882.3	1.824	BB	0.110	4974.39	0.638
20	2.856		0.0000	0.000	15925.3	0.883	BB	0.077	3448.92	0.443
21	2.930	TCX	40.6720	49.522	482858.5	26.781	BB	0.037	216673.20	27.805
22	3.118		0.0000	0.000	1424.3	0.079	BB	0.025	943.31	0.121
23	3.184		0.0000	0.000	7925.3	0.440	BB	0.034	3845.37	0.493
24	3.275		0.0000	0.000	12306.8	0.683	BB	0.042	4840.25	0.621
25	3.358		0.0000	0.000	46207.0	2.563	BB	0.037	20968.10	2.691
26	3.533		0.0000	0.000	7941.8	0.440	BB	0.045	2912.61	0.374
27	3.691		0.0000	0.000	79039.5	4.384	BB	0.044	29793.77	3.823
28	3.756		0.0000	0.000	852.2	0.047	BB	0.015	963.00	0.124
29	3.831		0.0000	0.000	1331.9	0.074	BB	0.018	1210.85	0.155
30	3.876		0.0000	0.000	51407.6	2.851	BB	0.037	23008.74	2.953
31	4.005		0.0000	0.000	2731.1	0.151	BB	0.028	1610.73	0.207
32	4.023		0.0000	0.000	1922.5	0.107	BB	0.018	1756.33	0.225
33	4.121		0.0000	0.000	103019.9	5.714	BB	0.034	50199.08	6.442
34	4.178		0.0000	0.000	32271.7	1.790	BB	0.031	17538.82	2.251
35	4.298		0.0000	0.000	33856.5	1.878	BB	0.027	20746.05	2.662
36	4.356		0.0000	0.000	11000.2	0.610	BB	0.023	7995.98	1.026
37	4.391		0.0000	0.000	32928.9	1.826	BB	0.039	14084.50	1.807
38	4.560		0.0000	0.000	22266.7	1.235	BB	0.025	15130.84	1.942
39	4.589		0.0000	0.000	1875.0	0.104	BB	0.012	2539.51	0.326
40	4.623		0.0000	0.000	2412.2	0.134	BB	0.017	2312.79	0.297
41	4.675		0.0000	0.000	763.9	0.042	BB	0.020	636.99	0.082
42	4.701		0.0000	0.000	25733.4	1.427	BB	0.028	15448.35	1.982
43	4.766		0.0000	0.000	5712.4	0.317	BB	0.023	4121.74	0.529
44	4.839		0.0000	0.000	509.3	0.028	BB	0.021	413.64	0.053
45	4.873		0.0000	0.000	8466.8	0.470	BB	0.021	6571.96	0.843
46	4.908		0.0000	0.000	18241.5	1.012	BB	0.020	14884.12	1.910
47	4.943		0.0000	0.000	19710.4	1.093	BB	0.024	13849.27	1.777
48	5.071		0.0000	0.000	5089.2	0.282	BB	0.031	2718.30	0.349
49	5.112		0.0000	0.000	14233.5	0.789	BB	0.024	9744.61	1.250
50	5.150		0.0000	0.000	8343.0	0.463	BB	0.020	6789.03	0.871
51	5.224		0.0000	0.000	846.6	0.047	BB	0.022	641.11	0.082
52	5.280		0.0000	0.000	7857.1	0.436	BB	0.034	3819.03	0.490
53	5.362		0.0000	0.000	8788.1	0.487	BB	0.025	5855.38	0.751
54	5.410		0.0000	0.000	2183.0	0.121	BB	0.021	1767.60	0.227
55	5.449		0.0000	0.000	15403.8	0.854	BB	0.033	7826.28	1.004
56	5.585		0.0000	0.000	9093.9	0.504	BB	0.040	3793.99	0.487
57	5.682		0.0000	0.000	10191.9	0.565	BB	0.030	5580.90	0.716
58	5.808		0.0000	0.000	1810.2	0.100	BB	0.043	705.51	0.091
59	5.935		0.0000	0.000	10806.3	0.599	BB	0.036	5033.47	0.646
60	5.985		0.0000	0.000	6760.8	0.375	BB	0.028	4007.99	0.514
61	6.039		0.0000	0.000	787.3	0.044	BB	0.018	715.60	0.092
62	6.097		0.0000	0.000	3754.1	0.208	BB	0.039	1608.06	0.206

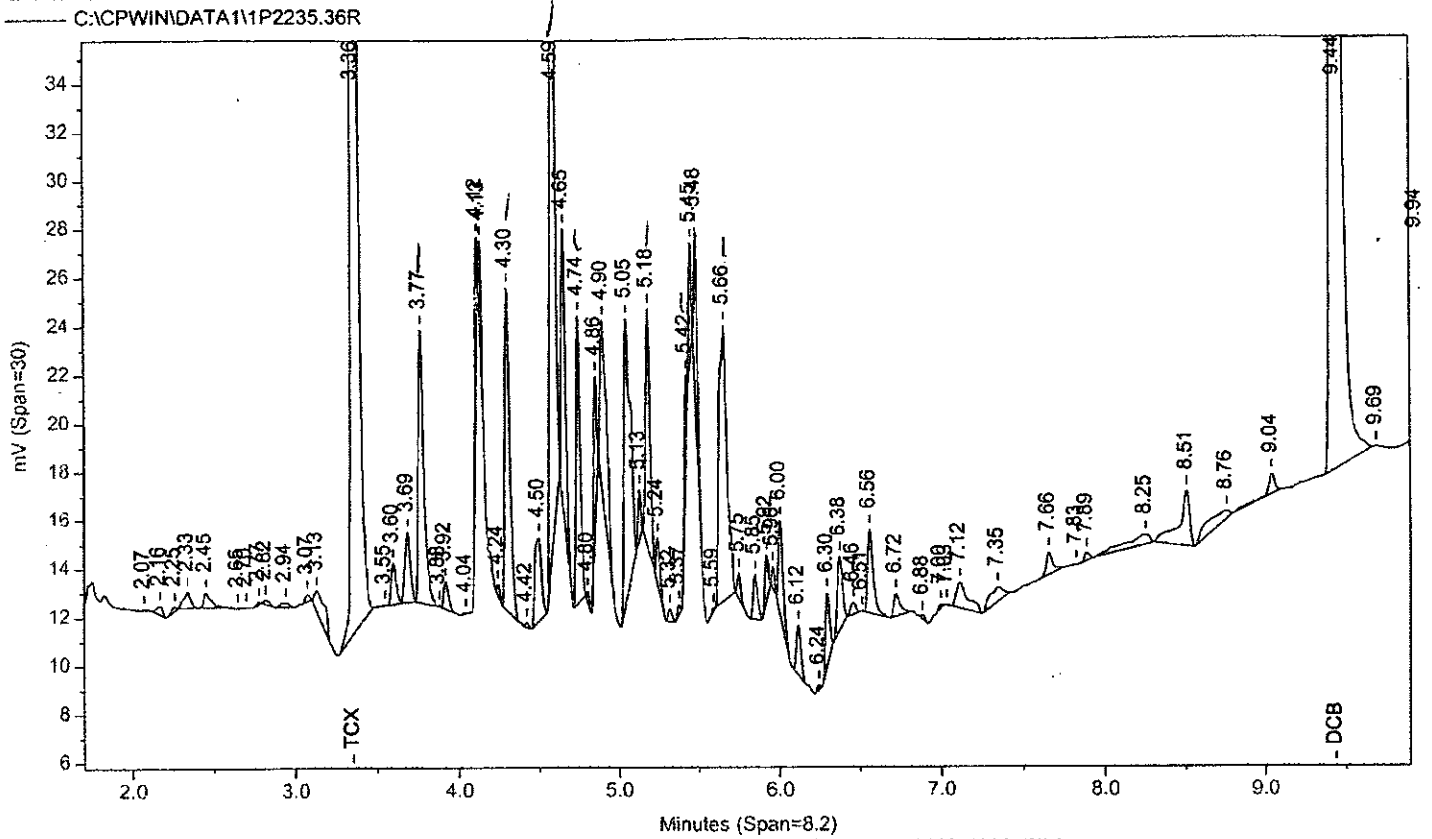
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.189		0.0000	0.000	159.4	0.009	BB	0.015	172.40	0.022
64	6.272		0.0000	0.000	55.6	0.003	BB	0.013	73.01	0.009
65	6.317		0.0000	0.000	10863.9	0.603	BB	0.058	3131.99	0.402
66	6.424		0.0000	0.000	1313.9	0.073	BB	0.032	684.21	0.088
67	6.473		0.0000	0.000	23.4	0.001	BB	0.008	50.88	0.007
68	6.490		0.0000	0.000	29.6	0.002	BB	0.010	51.74	0.007
69	6.507		0.0000	0.000	33.4	0.002	BB	0.009	61.76	0.008
70	6.556		0.0000	0.000	152.0	0.008	BB	0.028	88.97	0.011
71	6.574		0.0000	0.000	28.4	0.002	BB	0.008	58.89	0.008
72	6.608		0.0000	0.000	321.7	0.018	BB	0.020	272.51	0.035
73	6.656		0.0000	0.000	50.2	0.003	BB	0.020	42.25	0.005
74	6.721		0.0000	0.000	2732.3	0.152	BB	0.030	1522.84	0.195
75	6.790		0.0000	0.000	24.2	0.001	BB	0.008	52.71	0.007
76	6.807		0.0000	0.000	24.5	0.001	BB	0.008	54.42	0.007
77	6.855		0.0000	0.000	187.5	0.010	BB	0.027	114.85	0.015
78	6.906		0.0000	0.000	213.1	0.012	BB	0.026	137.01	0.018
79	6.941		0.0000	0.000	28.3	0.002	BB	0.009	49.96	0.006
80	6.957		0.0000	0.000	36.7	0.002	BB	0.011	57.67	0.007
81	6.989		0.0000	0.000	1588.7	0.088	BB	0.071	375.03	0.048
82	7.107		0.0000	0.000	350.6	0.019	BB	0.029	203.13	0.026
83	7.156		0.0000	0.000	184.0	0.010	BB	0.038	80.97	0.010
84	7.173		0.0000	0.000	85.2	0.005	BB	0.011	124.32	0.016
85	7.224		0.0000	0.000	84.1	0.005	BB	0.021	67.25	0.009
86	7.240		0.0000	0.000	46.4	0.003	BB	0.011	67.73	0.009
87	7.274		0.0000	0.000	16.1	0.001	BB	0.007	37.77	0.005
88	7.307		0.0000	0.000	35.7	0.002	BB	0.010	62.20	0.008
89	7.434		0.0000	0.000	18514.4	1.027	BB	0.067	4578.54	0.588
90	7.573		0.0000	0.000	116.9	0.006	BB	0.027	71.80	0.009
91	7.590		0.0000	0.000	19.7	0.001	BB	0.008	40.37	0.005
92	7.607		0.0000	0.000	30.3	0.002	BB	0.011	45.37	0.006
93	7.623		0.0000	0.000	29.9	0.002	BB	0.007	68.98	0.009
94	7.639		0.0000	0.000	75.5	0.004	BB	0.015	81.83	0.011
95	7.707		0.0000	0.000	1000.1	0.055	BB	0.044	379.16	0.049
96	7.806		0.0000	0.000	76.7	0.004	BB	0.016	79.75	0.010
97	7.856		0.0000	0.000	29.8	0.002	BB	0.009	52.44	0.007
98	7.913		0.0000	0.000	4703.8	0.261	BB	0.039	1997.91	0.256
99	8.057		0.0000	0.000	37.2	0.002	BB	0.009	69.56	0.009
100	8.073		0.0000	0.000	51.0	0.003	BB	0.012	72.70	0.009
101	8.105		0.0000	0.000	67.9	0.004	BB	0.012	96.73	0.012
102	8.173		0.0000	0.000	24.0	0.001	BB	0.010	40.27	0.005
103	8.239	DCB	41.4570	50.478	566009.4	31.392	BB	0.049	190672.60	24.468
104	8.440		0.0000	0.000	163.0	0.009	BB	0.027	100.88	0.013
105	8.522		0.0000	0.000	3160.9	0.175	BB	0.043	1234.11	0.158
106	8.606		0.0000	0.000	40.8	0.002	BB	0.014	48.19	0.006
107	8.640		0.0000	0.000	69.7	0.004	BB	0.022	53.61	0.007
108	8.657		0.0000	0.000	80.8	0.004	BB	0.016	84.01	0.011
109	8.723		0.0000	0.000	47.7	0.003	BB	0.016	49.06	0.006
110	8.740		0.0000	0.000	55.2	0.003	BB	0.014	66.37	0.009
111	8.790		0.0000	0.000	23.7	0.001	BB	0.009	45.57	0.006
112	8.823		0.0000	0.000	49.3	0.003	BB	0.015	56.60	0.007
113	8.839		0.0000	0.000	333.9	0.019	BB	0.042	131.20	0.017
114	8.940		0.0000	0.000	157.9	0.009	BB	0.042	62.52	0.008
115	8.956		0.0000	0.000	83.9	0.005	BB	0.015	91.03	0.012
116	9.034		0.0000	0.000	3942.6	0.219	BB	0.048	1361.20	0.175
117	9.123		0.0000	0.000	51.8	0.003	BB	0.014	60.02	0.008
118	9.156		0.0000	0.000	57.9	0.003	BB	0.015	65.63	0.008
119	9.223		0.0000	0.000	22.2	0.001	BB	0.008	48.80	0.006
120	9.240		0.0000	0.000	19.0	0.001	BB	0.007	48.04	0.006
121	9.256		0.0000	0.000	29.4	0.002	BB	0.009	55.58	0.007
122	9.290		0.0000	0.000	20.7	0.001	BB	0.008	44.66	0.006
123	9.323		0.0000	0.000	23.4	0.001	BB	0.007	52.46	0.007
124	9.340		0.0000	0.000	65.0	0.004	BB	0.017	62.88	0.008
125	9.390		0.0000	0.000	16.1	0.001	BB	0.006	47.31	0.006
126	9.440		0.0000	0.000	76.0	0.004	BB	0.018	71.70	0.009
127	9.473		0.0000	0.000	55.9	0.003	BB	0.019	49.71	0.006
128	9.507		0.0000	0.000	28.4	0.002	BB	0.007	63.38	0.008
129	9.539		0.0000	0.000	276.6	0.015	BB	0.028	162.57	0.021
130	9.590		0.0000	0.000	24.0	0.001	BB	0.007	53.80	0.007
131	9.607		0.0000	0.000	21.0	0.001	BB	0.008	46.60	0.006
132	9.623		0.0000	0.000	21.2	0.001	BB	0.008	46.94	0.006

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.657		0.0000	0.000	28.0	0.002	BB	0.010	45.87	0.006
134	9.673		0.0000	0.000	6560.8	0.364	BB	0.542	201.77	0.026
135	9.924		0.0000	0.000	4831.6	0.268	BB	0.055	1472.21	0.189
136	9.940		0.0000	0.000	187.9	0.010	BB	0.036	86.37	0.011

Total Area = 1803008.0, Total Amount = 82.129, Total Height = 779265.3, Sample Units = ug/l

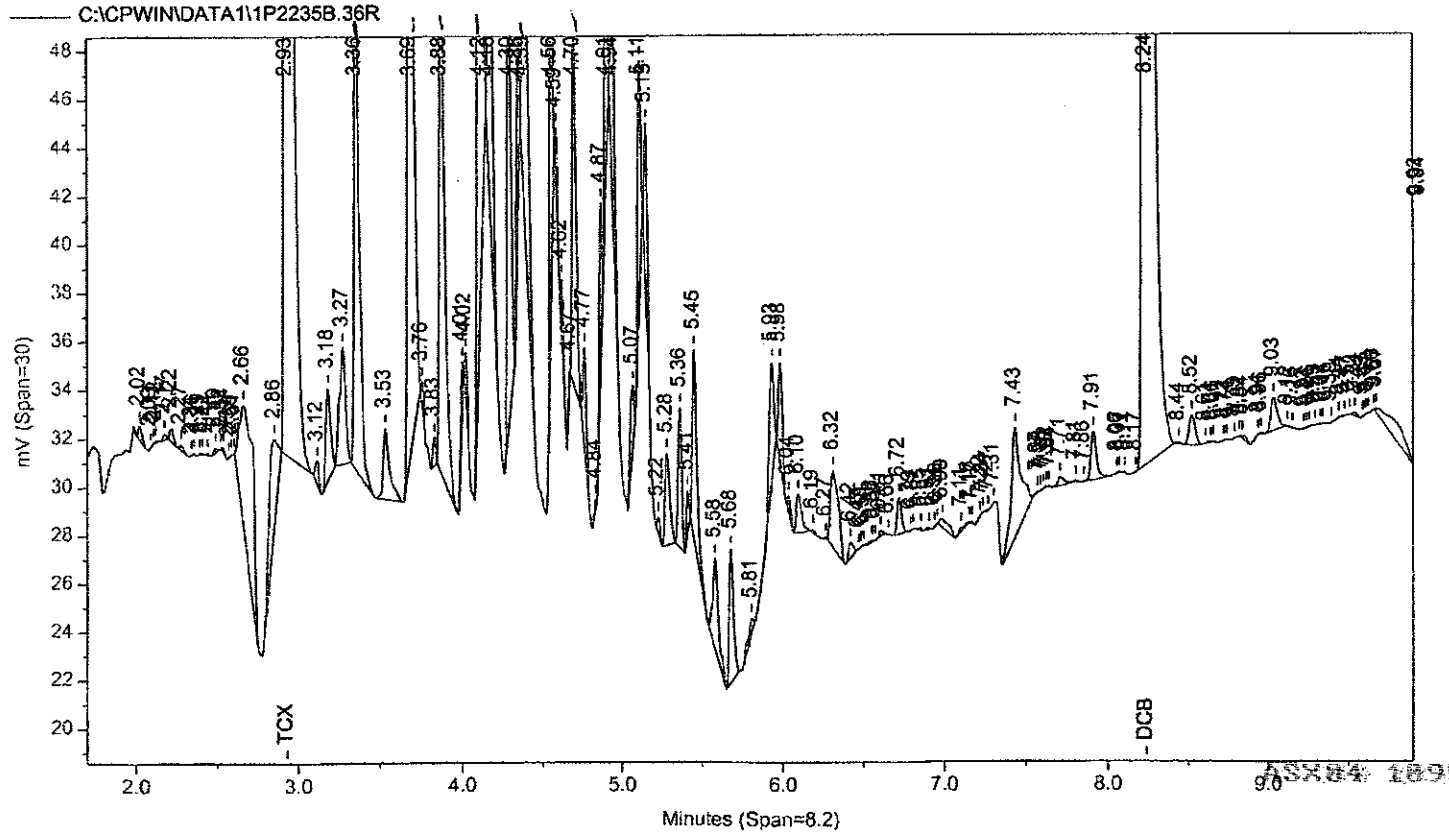
ASX84 1094

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.36R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 8:32:58 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.36R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 8:32:58 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

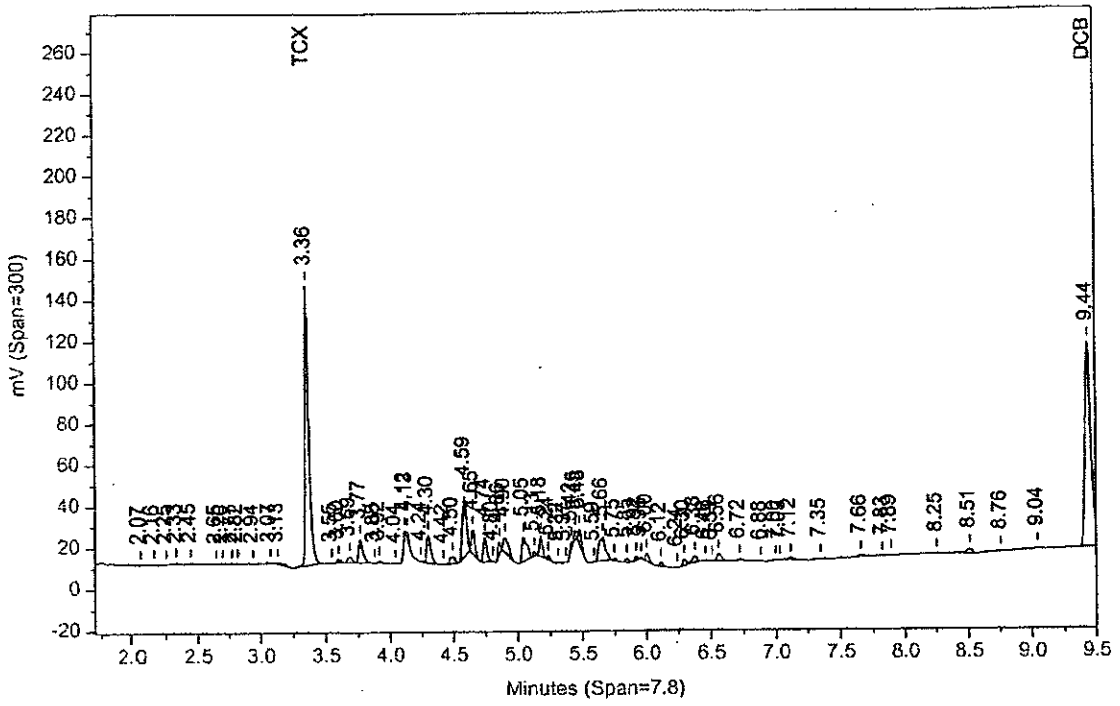
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	136078	42.67467	TCX	2.93	216673	40.67204	TCX
9.437	98991	43.29793	DCB	8.239	190673	41.45705	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.36A
Area File: C:\CPWIN\DATA1\1P2235B.36A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:40:16 AM
File Reported On: 8/25/2008 at 11:40:25 AM

10X REPLOTS

ASX04 1896

C:\CPWIN\DATA1\1P2235.36R



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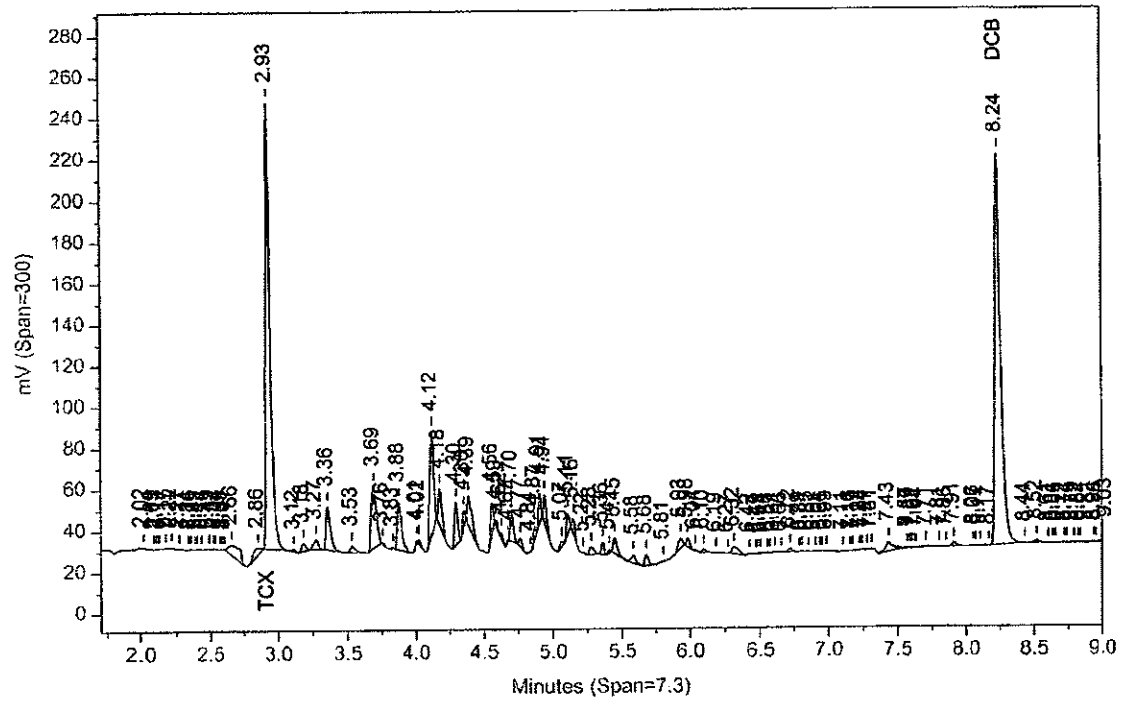

ASX84 1097

Sample Name: **AR16X0824A AAAR16XAA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 08:57:21pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.37R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	575.4	0.097	BB	0.045	212.39	0.090
2	2.156		0.0000	0.000	458.2	0.077	BB	0.035	219.81	0.093
3	2.251		0.0000	0.000	730.6	0.123	BB	0.056	218.38	0.093
4	2.327		0.0000	0.000	200.8	0.034	BB	0.038	87.35	0.037
5	2.441		0.0000	0.000	2526.3	0.426	BB	0.039	1085.22	0.461
6	2.553		0.0000	0.000	252.2	0.043	BB	0.066	63.52	0.027
7	2.715		0.0000	0.000	116.5	0.020	BB	0.033	58.97	0.025
8	2.805		0.0000	0.000	1163.8	0.196	BB	0.070	278.00	0.118
9	2.944		0.0000	0.000	185.3	0.031	BB	0.037	83.93	0.036
10	3.033		0.0000	0.000	149.9	0.025	BB	0.034	73.77	0.031
11	3.077		0.0000	0.000	96.4	0.016	BB	0.026	61.82	0.026
12	3.128		0.0000	0.000	3212.8	0.542	BB	0.054	991.18	0.421
13	3.356	TCX	8.7184	47.297	56358.2	9.509	BB	0.034	27800.62	11.818
14	3.534		0.0000	0.000	178.8	0.030	BB	0.049	60.60	0.026
15	3.597		0.0000	0.000	4378.5	0.739	BB	0.035	2069.73	0.880
16	3.688		0.0000	0.000	5330.6	0.899	BB	0.034	2640.26	1.122
17	3.764		0.0000	0.000	29764.2	5.022	BB	0.038	13210.14	5.616
18	3.879		0.0000	0.000	66.4	0.011	BB	0.015	72.35	0.031
19	3.915		0.0000	0.000	3243.6	0.547	BB	0.035	1523.95	0.648
20	4.033		0.0000	0.000	101.7	0.017	BB	0.031	54.76	0.023
21	4.115		0.0000	0.000	7910.1	1.335	BB	0.023	5773.64	2.454
22	4.132		0.0000	0.000	3682.7	0.621	BB	0.018	3428.87	1.458
23	4.244		0.0000	0.000	721.5	0.122	BB	0.020	609.85	0.259
24	4.298		0.0000	0.000	35597.0	6.006	BB	0.036	16314.70	6.936
25	4.418		0.0000	0.000	406.9	0.069	BB	0.025	273.69	0.116
26	4.492		0.0000	0.000	12745.4	2.151	BB	0.046	4570.76	1.943
27	4.586		0.0000	0.000	83753.3	14.132	BB	0.039	36196.80	15.388
28	4.647		0.0000	0.000	23995.8	4.049	BB	0.029	13736.41	5.839
29	4.740		0.0000	0.000	26991.7	4.554	BB	0.030	14782.77	6.284
30	4.799		0.0000	0.000	438.5	0.074	BB	0.016	444.39	0.189
31	4.852		0.0000	0.000	10489.2	1.770	BB	0.023	7599.03	3.230
32	4.895		0.0000	0.000	24894.9	4.200	BB	0.049	8518.37	3.621
33	5.042		0.0000	0.000	39433.7	6.654	BB	0.047	13979.14	5.943
34	5.123		0.0000	0.000	2287.0	0.386	BB	0.019	2060.01	0.876
35	5.175		0.0000	0.000	21689.3	3.660	BB	0.031	11714.17	4.980
36	5.232		0.0000	0.000	3612.6	0.610	BB	0.025	2444.88	1.039
37	5.308		0.0000	0.000	547.7	0.092	BB	0.025	361.06	0.153
38	5.368		0.0000	0.000	624.0	0.105	BB	0.025	422.38	0.180
39	5.416		0.0000	0.000	2915.1	0.492	BB	0.024	2020.46	0.859
40	5.443		0.0000	0.000	1720.4	0.290	BB	0.017	1732.21	0.736
41	5.476		0.0000	0.000	2053.9	0.347	BB	0.020	1691.20	0.719
42	5.632		0.0000	0.000	7411.6	1.251	BB	0.078	1587.70	0.675
43	5.802		0.0000	0.000	441.4	0.074	BB	0.096	76.30	0.032
44	5.960		0.0000	0.000	6117.9	1.032	BB	0.145	702.08	0.298
45	6.372		0.0000	0.000	8308.2	1.402	BB	0.041	3382.28	1.438
46	6.561		0.0000	0.000	4530.8	0.764	BB	0.134	563.25	0.239
47	6.716		0.0000	0.000	219.6	0.037	BB	0.042	86.69	0.037
48	6.872		0.0000	0.000	533.8	0.090	BB	0.088	101.07	0.043
49	7.030		0.0000	0.000	286.5	0.048	BB	0.118	40.33	0.017
50	7.092		0.0000	0.000	2902.0	0.490	BB	0.061	787.96	0.335
51	7.391		0.0000	0.000	772.9	0.130	BB	0.220	58.68	0.025
52	8.498		0.0000	0.000	47777.2	8.061	BB	0.633	1257.39	0.535
53	8.753		0.0000	0.000	5439.6	0.918	BB	0.146	622.21	0.265
54	9.041		0.0000	0.000	243.7	0.041	BB	0.040	101.41	0.043
55	9.153		0.0000	0.000	672.3	0.113	BB	0.069	161.71	0.069
56	9.431	DCB	9.7148	52.703	70087.5	11.826	BB	0.053	22210.89	9.442
57	9.764		0.0000	0.000	201.0	0.034	BB	0.061	54.76	0.023
58	9.950		0.0000	0.000	21120.8	3.564	BB	0.090	3896.86	1.657

Total Area = 592667.4, Total Amount = 18.433, Total Height = 235233.1, Sample Units = ug/l

Sample Name: **AR16X0824A AAAR16XAA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 08:57:21pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.37R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.104		0.0000	0.000	17.8	0.002	BB	0.008	38.78	0.009
2	2.121		0.0000	0.000	27.8	0.003	BB	0.008	55.06	0.012
3	2.136		0.0000	0.000	87.7	0.008	BB	0.015	95.91	0.022
4	2.170		0.0000	0.000	79.1	0.008	BB	0.015	90.47	0.020
5	2.203		0.0000	0.000	206.0	0.020	BB	0.024	143.80	0.033
6	2.270		0.0000	0.000	18.8	0.002	BB	0.006	51.01	0.012
7	2.286		0.0000	0.000	245.4	0.023	BB	0.035	116.01	0.026
8	2.354		0.0000	0.000	1378.4	0.131	BB	0.045	509.36	0.115
9	2.486		0.0000	0.000	2174.9	0.207	BB	0.065	557.13	0.126
10	2.587		0.0000	0.000	85.6	0.008	BB	0.018	78.20	0.018
11	2.653		0.0000	0.000	13547.4	1.290	BB	0.125	1805.20	0.408
12	2.835		0.0000	0.000	12347.6	1.176	BB	0.059	3462.00	0.783
13	2.930	TCX	8.9029	46.125	102743.4	9.787	BB	0.036	47428.54	10.722
14	3.104		0.0000	0.000	18.2	0.002	BB	0.006	48.30	0.011
15	3.119		0.0000	0.000	123.1	0.012	BB	0.014	150.44	0.034
16	3.185		0.0000	0.000	8336.6	0.794	BB	0.032	4279.41	0.967
17	3.278		0.0000	0.000	9984.6	0.951	BB	0.033	5032.35	1.138
18	3.358		0.0000	0.000	55930.6	5.328	BB	0.037	24938.19	5.637
19	3.532		0.0000	0.000	7178.0	0.684	BB	0.037	3252.67	0.735
20	3.619		0.0000	0.000	36.5	0.003	BB	0.008	79.18	0.018
21	3.692		0.0000	0.000	94915.5	9.041	BB	0.044	35793.44	8.091
22	3.755		0.0000	0.000	956.4	0.091	BB	0.015	1080.89	0.244
23	3.832		0.0000	0.000	1436.4	0.137	BB	0.018	1302.84	0.295
24	3.876		0.0000	0.000	60895.5	5.801	BB	0.037	27322.28	6.176
25	4.004		0.0000	0.000	3626.1	0.345	BB	0.021	2891.18	0.654
26	4.026		0.0000	0.000	4161.8	0.396	BB	0.021	3357.54	0.759
27	4.121		0.0000	0.000	134517.3	12.814	BB	0.035	64061.41	14.481
28	4.178		0.0000	0.000	37662.2	3.588	BB	0.030	20655.88	4.669
29	4.297		0.0000	0.000	41812.3	3.983	BB	0.027	25630.06	5.794
30	4.353		0.0000	0.000	13209.1	1.258	BB	0.022	9889.57	2.236
31	4.388		0.0000	0.000	38801.1	3.696	BB	0.039	16548.01	3.741
32	4.557		0.0000	0.000	93550.8	8.911	BB	0.055	28308.27	6.399
33	4.699		0.0000	0.000	43681.9	4.161	BB	0.034	21418.50	4.842
34	4.764		0.0000	0.000	9335.7	0.889	BB	0.027	5794.50	1.310
35	4.834		0.0000	0.000	349.4	0.033	BB	0.016	360.86	0.082
36	4.868		0.0000	0.000	4150.4	0.395	BB	0.022	3185.19	0.720
37	4.904		0.0000	0.000	10833.4	1.032	BB	0.022	8307.08	1.878
38	4.937		0.0000	0.000	2501.1	0.238	BB	0.017	2414.81	0.546
39	5.061		0.0000	0.000	312.0	0.030	BB	0.024	218.84	0.049
40	5.135		0.0000	0.000	5651.0	0.538	BB	0.059	1595.21	0.361
41	5.220		0.0000	0.000	21.1	0.002	BB	0.007	47.56	0.011
42	5.237		0.0000	0.000	18.8	0.002	BB	0.006	48.55	0.011
43	5.270		0.0000	0.000	13853.5	1.320	BB	0.199	1161.53	0.263
44	5.452		0.0000	0.000	28370.8	2.703	BB	0.139	3393.80	0.767
45	5.670		0.0000	0.000	175.6	0.017	BB	0.021	140.18	0.032
46	5.934		0.0000	0.000	31769.3	3.026	BB	0.072	7341.83	1.660
47	6.036		0.0000	0.000	482.2	0.046	BB	0.024	337.63	0.076
48	6.153		0.0000	0.000	140.6	0.013	BB	0.033	71.71	0.016
49	6.220		0.0000	0.000	88.7	0.008	BB	0.023	63.73	0.014
50	6.319		0.0000	0.000	2751.4	0.262	BB	0.051	896.35	0.203
51	6.419		0.0000	0.000	60.9	0.006	BB	0.013	75.55	0.017
52	6.453		0.0000	0.000	306.6	0.029	BB	0.045	112.38	0.025
53	6.553		0.0000	0.000	57.6	0.005	BB	0.015	62.90	0.014
54	6.570		0.0000	0.000	28.2	0.003	BB	0.009	54.28	0.012
55	6.602		0.0000	0.000	393.6	0.037	BB	0.030	216.31	0.049
56	6.653		0.0000	0.000	30.2	0.003	BB	0.008	60.90	0.014
57	6.686		0.0000	0.000	66.0	0.006	BB	0.017	64.80	0.015
58	6.704		0.0000	0.000	18.7	0.002	BB	0.007	46.31	0.010
59	6.719		0.0000	0.000	61.8	0.006	BB	0.011	90.92	0.021
60	6.770		0.0000	0.000	29.8	0.003	BB	0.007	68.05	0.015
61	6.787		0.0000	0.000	32.1	0.003	BB	0.009	59.59	0.013
62	6.803		0.0000	0.000	25.5	0.002	BB	0.007	60.94	0.014

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.837		0.0000	0.000	26.6	0.003	BB	0.007	60.75	0.014
64	6.870		0.0000	0.000	20.5	0.002	BB	0.008	43.10	0.010
65	6.886		0.0000	0.000	95.5	0.009	BB	0.017	91.03	0.021
66	6.937		0.0000	0.000	29.1	0.003	BB	0.009	56.52	0.013
67	6.986		0.0000	0.000	129.6	0.012	BB	0.026	84.25	0.019
68	7.019		0.0000	0.000	42.9	0.004	BB	0.011	64.94	0.015
69	7.086		0.0000	0.000	812.9	0.077	BB	0.032	426.22	0.096
70	7.120		0.0000	0.000	208.7	0.020	BB	0.026	135.96	0.031
71	7.204		0.0000	0.000	16.7	0.002	BB	0.006	45.72	0.010
72	7.220		0.0000	0.000	30.5	0.003	BB	0.008	60.88	0.014
73	7.237		0.0000	0.000	31.9	0.003	BB	0.010	51.43	0.012
74	7.270		0.0000	0.000	108.8	0.010	BB	0.026	68.83	0.016
75	7.286		0.0000	0.000	2415.3	0.230	BB	0.094	428.48	0.097
76	7.402		0.0000	0.000	3088.7	0.294	BB	0.045	1142.50	0.258
77	7.470		0.0000	0.000	24.2	0.002	BB	0.006	70.46	0.016
78	7.520		0.0000	0.000	68.4	0.007	BB	0.024	47.14	0.011
79	7.537		0.0000	0.000	22.1	0.002	BB	0.007	50.64	0.011
80	7.553		0.0000	0.000	35.4	0.003	BB	0.012	49.82	0.011
81	7.569		0.0000	0.000	32.2	0.003	BB	0.009	60.35	0.014
82	7.603		0.0000	0.000	53.1	0.005	BB	0.018	49.34	0.011
83	7.619		0.0000	0.000	36.5	0.003	BB	0.009	67.48	0.015
84	7.653		0.0000	0.000	39.2	0.004	BB	0.009	72.56	0.016
85	7.687		0.0000	0.000	20.1	0.002	BB	0.006	54.75	0.012
86	7.703		0.0000	0.000	75.8	0.007	BB	0.014	93.39	0.021
87	7.770		0.0000	0.000	48.3	0.005	BB	0.011	72.35	0.016
88	7.787		0.0000	0.000	65.8	0.006	BB	0.014	79.25	0.018
89	7.836		0.0000	0.000	20.7	0.002	BB	0.006	60.96	0.014
90	7.853		0.0000	0.000	65.6	0.006	BB	0.013	84.53	0.019
91	7.904		0.0000	0.000	681.9	0.065	BB	0.033	346.38	0.078
92	8.003		0.0000	0.000	25.3	0.002	BB	0.010	43.46	0.010
93	8.037		0.0000	0.000	54.0	0.005	BB	0.018	50.19	0.011
94	8.053		0.0000	0.000	37.5	0.004	BB	0.009	71.23	0.016
95	8.086		0.0000	0.000	22.6	0.002	BB	0.006	63.91	0.014
96	8.120		0.0000	0.000	28.5	0.003	BB	0.009	50.86	0.011
97	8.137		0.0000	0.000	28.8	0.003	BB	0.012	39.08	0.009
98	8.153		0.0000	0.000	65.9	0.006	BB	0.014	79.20	0.018
99	8.230	DCB	10.3989	53.875	130772.3	12.457	BB	0.046	47827.45	10.812
100	8.469		0.0000	0.000	31.1	0.003	BB	0.008	68.72	0.016
101	8.520		0.0000	0.000	19.3	0.002	BB	0.006	57.30	0.013
102	8.536		0.0000	0.000	45.8	0.004	BB	0.013	60.11	0.014
103	8.587		0.0000	0.000	22.1	0.002	BB	0.008	48.84	0.011
104	8.620		0.0000	0.000	21.8	0.002	BB	0.007	54.31	0.012
105	8.654		0.0000	0.000	33.8	0.003	BB	0.009	62.66	0.014
106	8.686		0.0000	0.000	84.4	0.008	BB	0.023	61.44	0.014
107	8.703		0.0000	0.000	24.7	0.002	BB	0.007	57.95	0.013
108	8.737		0.0000	0.000	25.5	0.002	BB	0.008	53.96	0.012
109	8.770		0.0000	0.000	67.4	0.006	BB	0.021	54.55	0.012
110	8.803		0.0000	0.000	30.8	0.003	BB	0.008	64.02	0.014
111	8.820		0.0000	0.000	29.4	0.003	BB	0.011	42.81	0.010
112	8.854		0.0000	0.000	18.6	0.002	BB	0.007	45.73	0.010
113	8.886		0.0000	0.000	47.0	0.004	BB	0.019	41.90	0.009
114	8.953		0.0000	0.000	170.4	0.016	BB	0.039	73.14	0.017
115	8.987		0.0000	0.000	36.8	0.004	BB	0.009	66.50	0.015
116	9.004		0.0000	0.000	30.1	0.003	BB	0.010	48.00	0.011
117	9.020		0.0000	0.000	18.3	0.002	BB	0.007	45.79	0.010
118	9.036		0.0000	0.000	64.5	0.006	BB	0.012	86.29	0.020
119	9.136		0.0000	0.000	44.1	0.004	BB	0.015	48.23	0.011
120	9.170		0.0000	0.000	160.6	0.015	BB	0.031	87.19	0.020
121	9.253		0.0000	0.000	26.1	0.002	BB	0.007	59.68	0.013
122	9.286		0.0000	0.000	44.2	0.004	BB	0.012	62.73	0.014
123	9.320		0.0000	0.000	22.4	0.002	BB	0.007	52.40	0.012
124	9.353		0.0000	0.000	57.3	0.005	BB	0.017	56.40	0.013
125	9.370		0.0000	0.000	23.7	0.002	BB	0.009	46.21	0.010
126	9.404		0.0000	0.000	28.8	0.003	BB	0.009	53.48	0.012
127	9.420		0.0000	0.000	27.5	0.003	BB	0.009	49.36	0.011
128	9.453		0.0000	0.000	101.9	0.010	BB	0.027	62.71	0.014
129	9.520		0.0000	0.000	49.0	0.005	BB	0.016	50.65	0.011
130	9.536		0.0000	0.000	78.5	0.007	BB	0.017	77.01	0.017
131	9.569		0.0000	0.000	21.2	0.002	BB	0.008	43.25	0.010
132	9.604		0.0000	0.000	20.3	0.002	BB	0.006	55.78	0.013

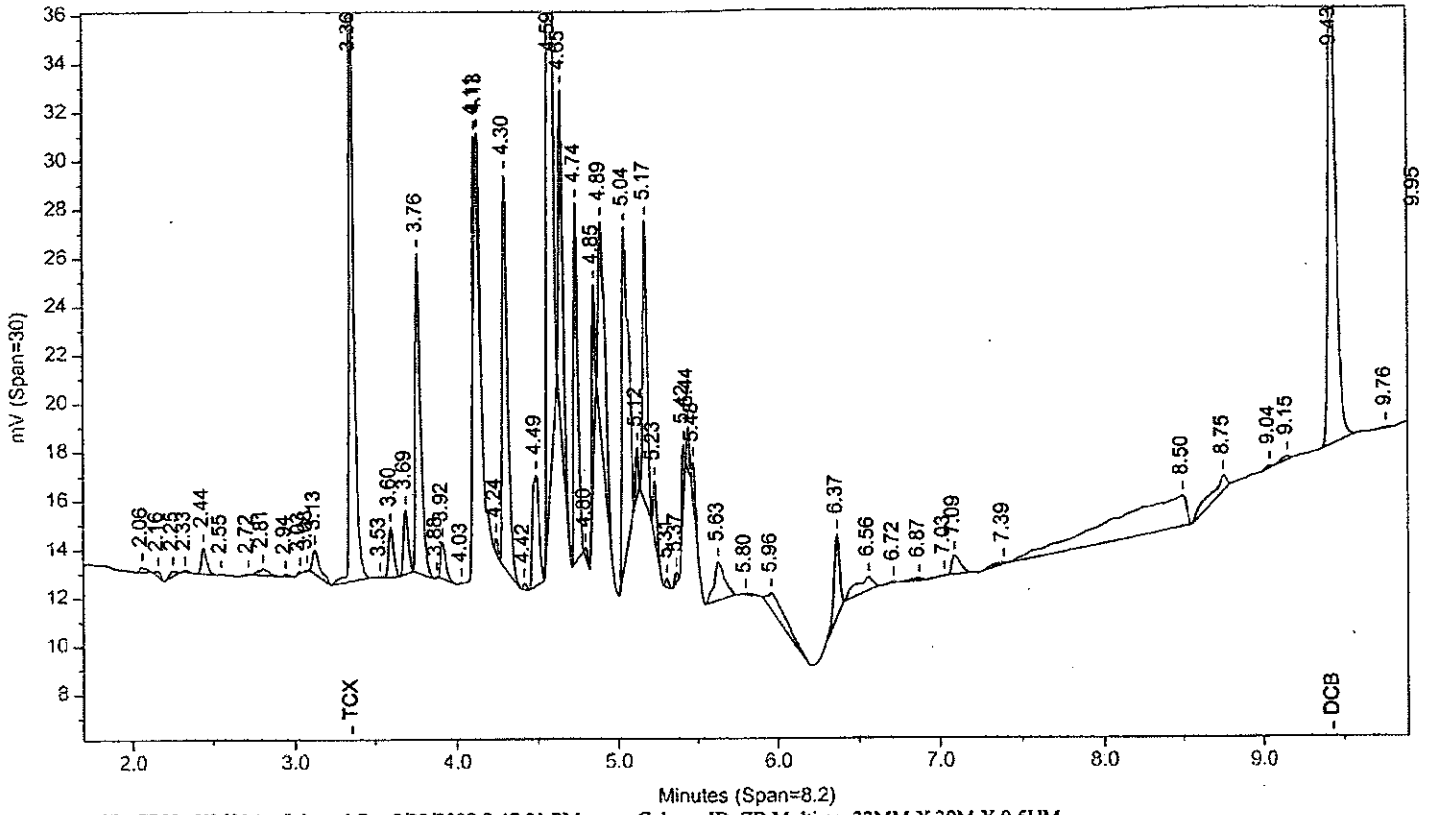
ASX84 1108

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.636		0.0000	0.000	69.7	0.007	BB	0.019	60.73	0.014
134	9.670		0.0000	0.000	22.7	0.002	BB	0.010	39.59	0.009
135	9.704		0.0000	0.000	20.5	0.002	BB	0.008	43.02	0.010
136	9.719		0.0000	0.000	4003.6	0.381	BB	0.301	221.95	0.050
137	9.936		0.0000	0.000	8953.9	0.853	BB	0.154	971.00	0.220
138	9.953		0.0000	0.000	92.3	0.009	BB	0.025	62.69	0.014

Total Area = 1049782.0, Total Amount = 19.302, Total Height = 442367.7, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.37R

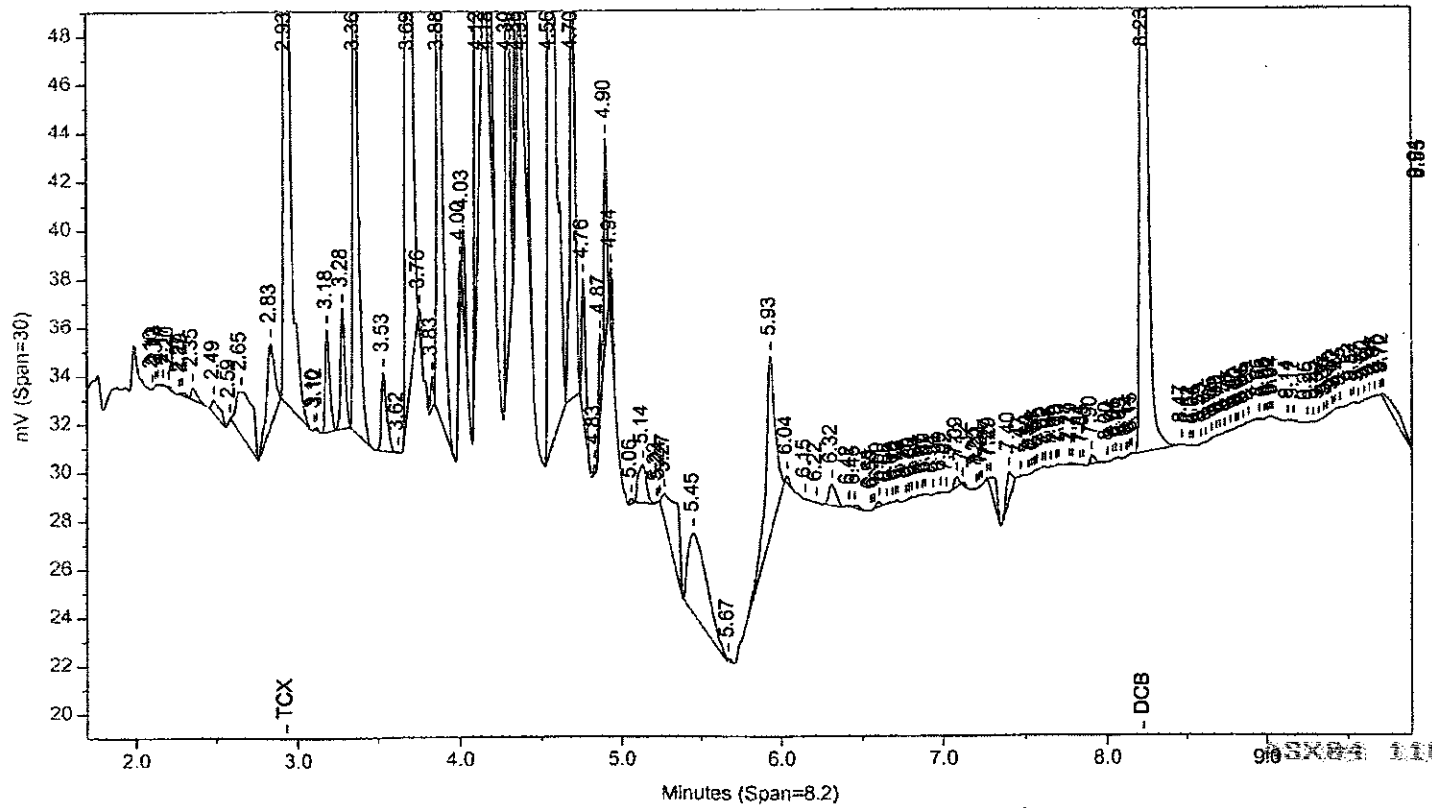
C:\CPWIN\DATA1\1P2235.37R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 8:47:21 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.37R

C:\CPWIN\DATA1\1P2235B.37R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 8:47:21 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

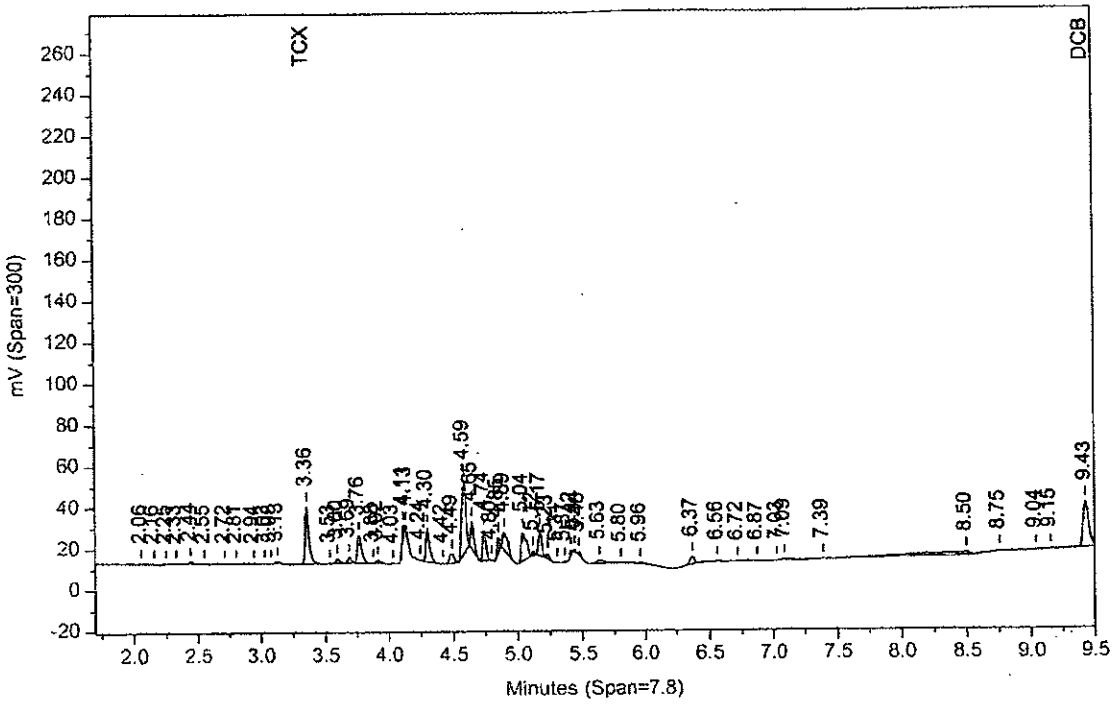
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	27801	8.71842	TCX	2.93	47429	8.90288	TCX
9.431	22211	9.71484	DCB	8.23	47827	10.3989	DCB

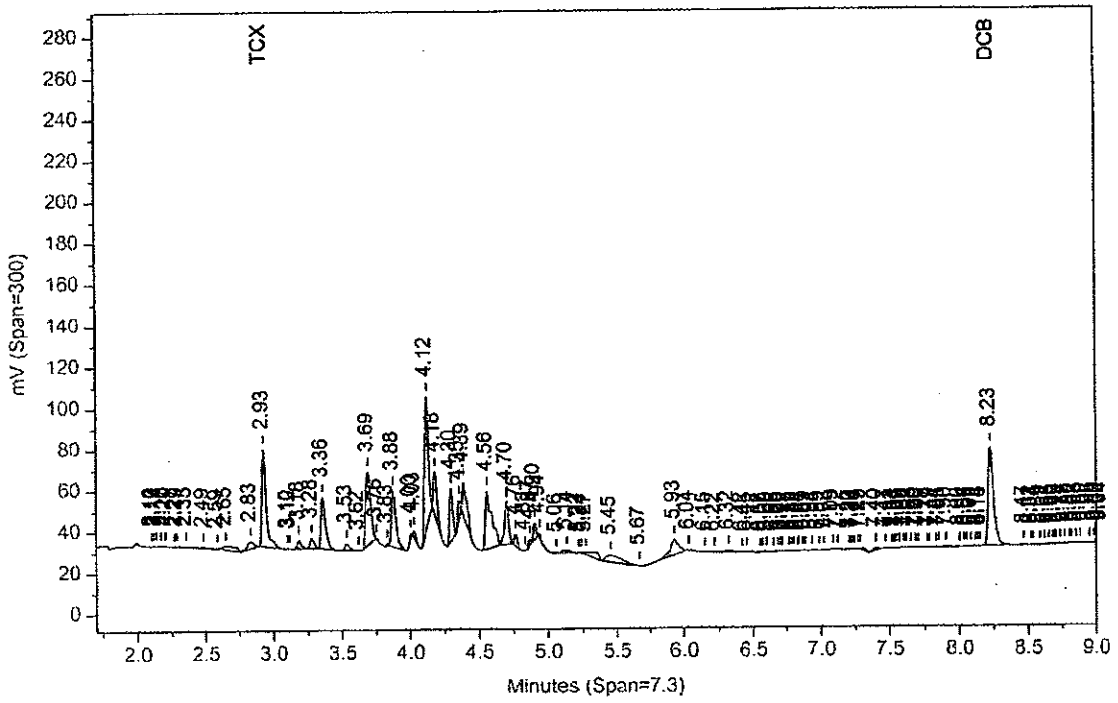
Files:
Area File: C:\CPWIN\DATA1\1P2235.37A
Area File: C:\CPWIN\DATA1\1P2235B.37A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:40:36 AM
File Reported On: 8/25/2008 at 11:40:43 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.37R



C:\CPWIN\DATA1\1P2235B.37R



Sample Name: **MD16X0824A ADMD16XAD ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 09:11:46pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.38R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.053		0.0000	0.000	163.3	0.161	BB	0.032	86.28	0.234
2	2.162		0.0000	0.000	320.0	0.315	BB	0.056	95.09	0.258
3	2.202		0.0000	0.000	11.3	0.011	BB	0.017	10.92	0.030
4	2.247		0.0000	0.000	403.6	0.397	BB	0.032	208.20	0.565
5	2.347		0.0000	0.000	77.4	0.076	BB	0.022	59.75	0.162
6	2.437		0.0000	0.000	1090.3	1.072	BB	0.047	384.82	1.045
7	2.536		0.0000	0.000	104.7	0.103	BB	0.032	53.75	0.146
8	2.597		0.0000	0.000	130.7	0.129	BB	0.047	46.74	0.127
9	2.707		0.0000	0.000	188.1	0.185	BB	0.044	70.55	0.192
10	2.809		0.0000	0.000	730.3	0.718	BB	0.062	195.32	0.530
11	2.956		0.0000	0.000	387.8	0.381	BB	0.047	137.16	0.372
12	3.028		0.0000	0.000	790.8	0.778	BB	0.032	414.78	1.126
13	3.076		0.0000	0.000	340.2	0.335	BB	0.059	95.63	0.260
14	3.211		0.0000	0.000	1045.8	1.028	BB	0.038	463.43	1.258
15	3.355	TCX	0.5262	43.394	4099.2	4.031	BB	0.041	1677.76	4.554
16	3.499		0.0000	0.000	107.6	0.106	BB	0.035	51.84	0.141
17	3.539		0.0000	0.000	192.7	0.189	BB	0.027	119.55	0.324
18	3.641		0.0000	0.000	187.7	0.185	BB	0.032	97.04	0.263
19	3.684		0.0000	0.000	43.4	0.043	BB	0.019	38.19	0.104
20	3.763		0.0000	0.000	1103.9	1.086	BB	0.035	529.81	1.438
21	3.853		0.0000	0.000	90.0	0.089	BB	0.044	33.76	0.092
22	3.916		0.0000	0.000	332.1	0.327	BB	0.033	166.35	0.452
23	4.024		0.0000	0.000	556.4	0.547	BB	0.028	329.81	0.895
24	4.080		0.0000	0.000	195.2	0.192	BB	0.022	148.74	0.404
25	4.113		0.0000	0.000	1717.1	1.689	BB	0.049	588.66	1.598
26	4.253		0.0000	0.000	108.5	0.107	BB	0.023	79.15	0.215
27	4.299		0.0000	0.000	1677.3	1.650	BB	0.036	779.15	2.115
28	4.420		0.0000	0.000	168.4	0.166	BB	0.043	65.16	0.177
29	4.499		0.0000	0.000	405.2	0.398	BB	0.033	201.70	0.548
30	4.588		0.0000	0.000	3315.8	3.261	BB	0.039	1420.43	3.856
31	4.651		0.0000	0.000	938.1	0.922	BB	0.031	510.94	1.387
32	4.742		0.0000	0.000	1206.0	1.186	BB	0.032	636.03	1.726
33	4.856		0.0000	0.000	540.2	0.531	BB	0.026	351.73	0.955
34	4.922		0.0000	0.000	1527.7	1.502	BB	0.047	545.14	1.480
35	5.046		0.0000	0.000	1601.4	1.575	BB	0.047	569.34	1.545
36	5.129		0.0000	0.000	88.4	0.087	BB	0.019	77.71	0.211
37	5.180		0.0000	0.000	801.2	0.788	BB	0.030	450.26	1.222
38	5.237		0.0000	0.000	176.6	0.174	BB	0.029	102.09	0.277
39	5.340		0.0000	0.000	111.4	0.110	BB	0.040	46.10	0.125
40	5.422		0.0000	0.000	1158.7	1.140	BB	0.035	555.07	1.507
41	5.649		0.0000	0.000	3247.9	3.194	BB	0.071	757.58	2.056
42	5.789		0.0000	0.000	325.1	0.320	BB	0.053	102.90	0.279
43	5.961		0.0000	0.000	2941.9	2.893	BB	0.081	604.54	1.641
44	6.069		0.0000	0.000	1724.4	1.696	BB	0.044	654.11	1.776
45	6.175		0.0000	0.000	2102.1	2.067	BB	0.031	1133.96	3.078
46	6.376		0.0000	0.000	7094.2	6.977	BB	0.040	2973.20	8.071
47	6.452		0.0000	0.000	4525.6	4.451	BB	0.044	1698.60	4.611
48	6.564		0.0000	0.000	1346.7	1.324	BB	0.041	544.61	1.478
49	6.672		0.0000	0.000	97.6	0.096	BB	0.028	58.27	0.158
50	6.717		0.0000	0.000	3312.9	3.258	BB	0.036	1520.96	4.129
51	6.805		0.0000	0.000	1625.7	1.599	BB	0.030	912.31	2.476
52	6.860		0.0000	0.000	526.9	0.518	BB	0.026	342.32	0.929
53	7.023		0.0000	0.000	2311.2	2.273	BB	0.039	999.21	2.712
54	7.102		0.0000	0.000	2761.1	2.715	BB	0.052	881.69	2.393
55	7.226		0.0000	0.000	91.3	0.090	BB	0.028	54.38	0.148
56	7.294		0.0000	0.000	437.1	0.430	BB	0.036	203.73	0.553
57	7.372		0.0000	0.000	5657.4	5.564	BB	0.041	2297.92	6.238
58	7.657		0.0000	0.000	239.5	0.236	BB	0.028	144.58	0.392
59	7.706		0.0000	0.000	2515.1	2.473	BB	0.033	1263.98	3.431
60	7.800		0.0000	0.000	817.6	0.804	BB	0.040	340.08	0.923
61	8.046		0.0000	0.000	364.6	0.359	BB	0.037	164.99	0.448
62	8.214		0.0000	0.000	1075.7	1.058	BB	0.062	290.26	0.788

ASX04 1185

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.379		0.0000	0.000	192.9	0.190	BB	0.095	33.91	0.092
64	8.503		0.0000	0.000	55.2	0.054	BB	0.027	34.60	0.094
65	8.558		0.0000	0.000	1390.1	1.367	BB	0.040	580.69	1.576
66	8.767		0.0000	0.000	316.7	0.311	BB	0.053	99.56	0.270
67	9.038		0.0000	0.000	601.5	0.592	BB	0.060	168.35	0.457
68	9.327		0.0000	0.000	198.4	0.195	BB	0.096	34.35	0.093
69	9.434	DCB	0.6863	56.606	4526.0	4.451	BB	0.048	1569.16	4.259
70	9.949		0.0000	0.000	21030.4	20.681	BB	0.090	3881.54	10.536

Total Area = 101687.4, Total Amount = 1.212, Total Height = 36840.27, Sample Units = ug/l

ASX84 1186

Sample Name: **MD16X0824A ADMD16XAD ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 09:11:46pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.38R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.039		0.0000	0.000	872.5	0.491	BB	0.032	458.11	0.624
2	2.107		0.0000	0.000	44.8	0.025	BB	0.010	72.36	0.099
3	2.140		0.0000	0.000	840.4	0.473	BB	0.037	380.20	0.518
4	2.206		0.0000	0.000	487.1	0.274	BB	0.032	255.12	0.348
5	2.273		0.0000	0.000	33.0	0.019	BB	0.008	72.15	0.098
6	2.291		0.0000	0.000	20.0	0.011	BB	0.005	60.96	0.083
7	2.305		0.0000	0.000	206.5	0.116	BB	0.016	216.84	0.295
8	2.356		0.0000	0.000	533.9	0.301	BB	0.065	136.73	0.186
9	2.489		0.0000	0.000	516.4	0.291	BB	0.037	232.59	0.317
10	2.557		0.0000	0.000	20.8	0.012	BB	0.007	47.35	0.065
11	2.572		0.0000	0.000	58.4	0.033	BB	0.010	96.37	0.131
12	2.640		0.0000	0.000	703.0	0.396	BB	0.031	377.44	0.514
13	2.673		0.0000	0.000	376.3	0.212	BB	0.064	98.76	0.135
14	2.840		0.0000	0.000	26.9	0.015	BB	0.009	52.20	0.071
15	2.857		0.0000	0.000	35.0	0.020	BB	0.007	82.18	0.112
16	2.891		0.0000	0.000	648.9	0.365	BB	0.020	527.69	0.719
17	2.929	TCX	0.5814	40.573	5045.5	2.841	BB	0.027	3097.21	4.220
18	2.982		0.0000	0.000	1190.4	0.670	BB	0.024	823.87	1.122
19	3.122		0.0000	0.000	704.3	0.397	BB	0.038	310.99	0.424
20	3.173		0.0000	0.000	400.5	0.226	BB	0.058	115.21	0.157
21	3.274		0.0000	0.000	160.2	0.090	BB	0.017	155.22	0.211
22	3.323		0.0000	0.000	33.1	0.019	BB	0.010	56.09	0.076
23	3.356		0.0000	0.000	2966.9	1.671	BB	0.035	1399.15	1.906
24	3.456		0.0000	0.000	94.7	0.053	BB	0.014	113.28	0.154
25	3.491		0.0000	0.000	40.7	0.023	BB	0.009	76.78	0.105
26	3.523		0.0000	0.000	579.0	0.326	BB	0.032	300.01	0.409
27	3.590		0.0000	0.000	20.5	0.012	BB	0.006	53.84	0.073
28	3.623		0.0000	0.000	158.1	0.089	BB	0.025	106.55	0.145
29	3.690		0.0000	0.000	5693.2	3.206	BB	0.051	1851.30	2.522
30	3.834		0.0000	0.000	927.7	0.522	BB	0.021	738.18	1.006
31	3.874		0.0000	0.000	165.2	0.093	BB	0.018	156.52	0.213
32	3.890		0.0000	0.000	737.0	0.415	BB	0.021	575.90	0.785
33	4.006		0.0000	0.000	147.8	0.083	BB	0.022	109.63	0.149
34	4.024		0.0000	0.000	210.3	0.118	BB	0.018	189.92	0.259
35	4.121		0.0000	0.000	5659.4	3.187	BB	0.035	2704.81	3.685
36	4.179		0.0000	0.000	1600.2	0.901	BB	0.029	924.82	1.260
37	4.223		0.0000	0.000	227.9	0.128	BB	0.026	147.09	0.200
38	4.297		0.0000	0.000	1664.9	0.937	BB	0.026	1087.20	1.481
39	4.356		0.0000	0.000	575.3	0.324	BB	0.021	465.24	0.634
40	4.390		0.0000	0.000	1807.4	1.018	BB	0.037	813.63	1.109
41	4.557		0.0000	0.000	1553.8	0.875	BB	0.026	1008.28	1.374
42	4.605		0.0000	0.000	515.3	0.290	BB	0.016	547.48	0.746
43	4.673		0.0000	0.000	52.6	0.030	BB	0.012	70.38	0.096
44	4.700		0.0000	0.000	1501.4	0.845	BB	0.030	838.48	1.142
45	4.764		0.0000	0.000	336.0	0.189	BB	0.025	224.19	0.305
46	4.823		0.0000	0.000	11.0	0.006	BB	0.004	41.40	0.056
47	4.840		0.0000	0.000	37.7	0.021	BB	0.009	70.20	0.096
48	4.873		0.0000	0.000	296.7	0.167	BB	0.021	234.58	0.320
49	4.908		0.0000	0.000	2580.9	1.453	BB	0.038	1145.60	1.561
50	5.006		0.0000	0.000	150.6	0.085	BB	0.018	135.83	0.185
51	5.066		0.0000	0.000	4325.8	2.436	BB	0.054	1330.57	1.813
52	5.172		0.0000	0.000	87.7	0.049	BB	0.014	103.18	0.141
53	5.240		0.0000	0.000	194.2	0.109	BB	0.025	130.65	0.178
54	5.273		0.0000	0.000	158.0	0.089	BB	0.016	161.81	0.220
55	5.306		0.0000	0.000	174.8	0.098	BB	0.026	110.03	0.150
56	5.356		0.0000	0.000	700.3	0.394	BB	0.024	484.64	0.660
57	5.467		0.0000	0.000	13811.6	7.777	BB	0.085	2714.11	3.698
58	5.584		0.0000	0.000	4515.5	2.542	BB	0.033	2292.74	3.124
59	5.781		0.0000	0.000	5439.6	3.063	BB	0.035	2564.09	3.493
60	5.934		0.0000	0.000	31321.3	17.636	BB	0.065	8088.42	11.020
61	6.047		0.0000	0.000	494.7	0.279	BB	0.024	344.11	0.469
62	6.095		0.0000	0.000	2849.9	1.605	BB	0.027	1773.72	2.417

ASX04 1187

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.139		0.0000	0.000	1813.2	1.021	BB	0.023	1298.26	1.769
64	6.189		0.0000	0.000	920.8	0.518	BB	0.022	688.43	0.938
65	6.273		0.0000	0.000	15.2	0.009	BB	0.006	43.41	0.059
66	6.318		0.0000	0.000	2352.9	1.325	BB	0.043	903.83	1.231
67	6.393		0.0000	0.000	3983.3	2.243	BB	0.036	1867.51	2.544
68	6.489		0.0000	0.000	1401.5	0.789	BB	0.026	907.97	1.237
69	6.538		0.0000	0.000	205.1	0.115	BB	0.020	166.76	0.227
70	6.569		0.0000	0.000	294.4	0.166	BB	0.022	224.83	0.306
71	6.641		0.0000	0.000	8783.7	4.946	BB	0.033	4388.45	5.979
72	6.723		0.0000	0.000	612.0	0.345	BB	0.030	344.73	0.470
73	6.840		0.0000	0.000	144.2	0.081	BB	0.021	112.88	0.154
74	6.890		0.0000	0.000	38.0	0.021	BB	0.011	58.82	0.080
75	6.924		0.0000	0.000	1500.9	0.845	BB	0.026	956.23	1.303
76	6.986		0.0000	0.000	6802.3	3.830	BB	0.035	3200.13	4.360
77	7.123		0.0000	0.000	245.2	0.138	BB	0.031	131.93	0.180
78	7.190		0.0000	0.000	18.2	0.010	BB	0.007	41.50	0.057
79	7.207		0.0000	0.000	30.6	0.017	BB	0.009	58.12	0.079
80	7.224		0.0000	0.000	24.7	0.014	BB	0.009	47.93	0.065
81	7.257		0.0000	0.000	219.9	0.124	BB	0.023	157.62	0.215
82	7.307		0.0000	0.000	27.6	0.016	BB	0.008	57.53	0.078
83	7.339		0.0000	0.000	22.6	0.013	BB	0.008	49.21	0.067
84	7.389		0.0000	0.000	1859.4	1.047	BB	0.054	576.06	0.785
85	7.490		0.0000	0.000	26.8	0.015	BB	0.008	59.47	0.081
86	7.507		0.0000	0.000	31.1	0.018	BB	0.008	64.05	0.087
87	7.553		0.0000	0.000	3201.8	1.803	BB	0.039	1371.75	1.869
88	7.640		0.0000	0.000	20.7	0.012	BB	0.008	43.37	0.059
89	7.673		0.0000	0.000	55.7	0.031	BB	0.015	61.75	0.084
90	7.706		0.0000	0.000	556.6	0.313	BB	0.049	187.48	0.255
91	7.873		0.0000	0.000	57.9	0.033	BB	0.016	60.45	0.082
92	7.907		0.0000	0.000	766.2	0.431	BB	0.032	395.23	0.538
93	7.973		0.0000	0.000	96.9	0.055	BB	0.014	114.65	0.156
94	8.023		0.0000	0.000	67.7	0.038	BB	0.020	56.04	0.076
95	8.040		0.0000	0.000	30.3	0.017	BB	0.010	49.81	0.068
96	8.074		0.0000	0.000	819.2	0.461	BB	0.047	292.19	0.398
97	8.156		0.0000	0.000	50.3	0.028	BB	0.014	59.44	0.081
98	8.236	DCB	0.8515	59.427	10176.0	5.730	BB	0.043	3916.44	5.336
99	8.406		0.0000	0.000	19.7	0.011	BB	0.005	59.76	0.081
100	8.440		0.0000	0.000	23.6	0.013	BB	0.008	52.19	0.071
101	8.456		0.0000	0.000	45.5	0.026	BB	0.011	66.01	0.090
102	8.507		0.0000	0.000	72.0	0.041	BB	0.014	83.79	0.114
103	8.557		0.0000	0.000	49.0	0.028	BB	0.017	47.69	0.065
104	8.573		0.0000	0.000	16.4	0.009	BB	0.006	42.46	0.058
105	8.606		0.0000	0.000	17.5	0.010	BB	0.005	53.46	0.073
106	8.640		0.0000	0.000	92.1	0.052	BB	0.022	71.35	0.097
107	8.673		0.0000	0.000	33.8	0.019	BB	0.009	64.97	0.089
108	8.723		0.0000	0.000	36.5	0.021	BB	0.014	43.74	0.060
109	8.757		0.0000	0.000	17.6	0.010	BB	0.007	43.62	0.059
110	8.773		0.0000	0.000	46.9	0.026	BB	0.013	58.99	0.080
111	8.806		0.0000	0.000	23.7	0.013	BB	0.008	52.11	0.071
112	8.823		0.0000	0.000	81.2	0.046	BB	0.018	76.60	0.104
113	8.890		0.0000	0.000	19.6	0.011	BB	0.005	60.28	0.082
114	8.906		0.0000	0.000	34.3	0.019	BB	0.009	61.33	0.084
115	8.956		0.0000	0.000	71.2	0.040	BB	0.016	76.01	0.104
116	8.990		0.0000	0.000	58.5	0.033	BB	0.013	73.19	0.100
117	9.040		0.0000	0.000	70.4	0.040	BB	0.014	85.02	0.116
118	9.090		0.0000	0.000	113.1	0.064	BB	0.022	84.04	0.115
119	9.156		0.0000	0.000	85.2	0.048	BB	0.033	42.48	0.058
120	9.189		0.0000	0.000	173.5	0.098	BB	0.027	108.06	0.147
121	9.240		0.0000	0.000	50.1	0.028	BB	0.015	54.21	0.074
122	9.273		0.0000	0.000	66.3	0.037	BB	0.017	65.39	0.089
123	9.307		0.0000	0.000	18.6	0.010	BB	0.007	42.27	0.058
124	9.339		0.0000	0.000	20.9	0.012	BB	0.007	49.03	0.067
125	9.357		0.0000	0.000	22.0	0.012	BB	0.007	49.92	0.068
126	9.373		0.0000	0.000	22.8	0.013	BB	0.006	61.49	0.084
127	9.407		0.0000	0.000	21.4	0.012	BB	0.007	54.23	0.074
128	9.440		0.0000	0.000	18.5	0.010	BB	0.007	42.28	0.058
129	9.457		0.0000	0.000	67.7	0.038	BB	0.015	74.44	0.101
130	9.507		0.0000	0.000	24.1	0.014	BB	0.007	54.13	0.074
131	9.523		0.0000	0.000	264.9	0.149	BB	0.038	115.58	0.157
132	9.607		0.0000	0.000	20.5	0.012	BB	0.006	59.73	0.081

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.640		0.0000	0.000	68.0	0.038	BB	0.017	65.67	0.089
134	9.690		0.0000	0.000	14.0	0.008	BB	0.006	40.82	0.056
135	9.706		0.0000	0.000	4975.1	2.801	BB	0.401	206.68	0.282
136	9.939		0.0000	0.000	16108.1	9.070	BB	0.067	3986.72	5.432

Total Area = 177600.9, Total Amount = 1.433, Total Height = 73398.02, Sample Units = ug/l

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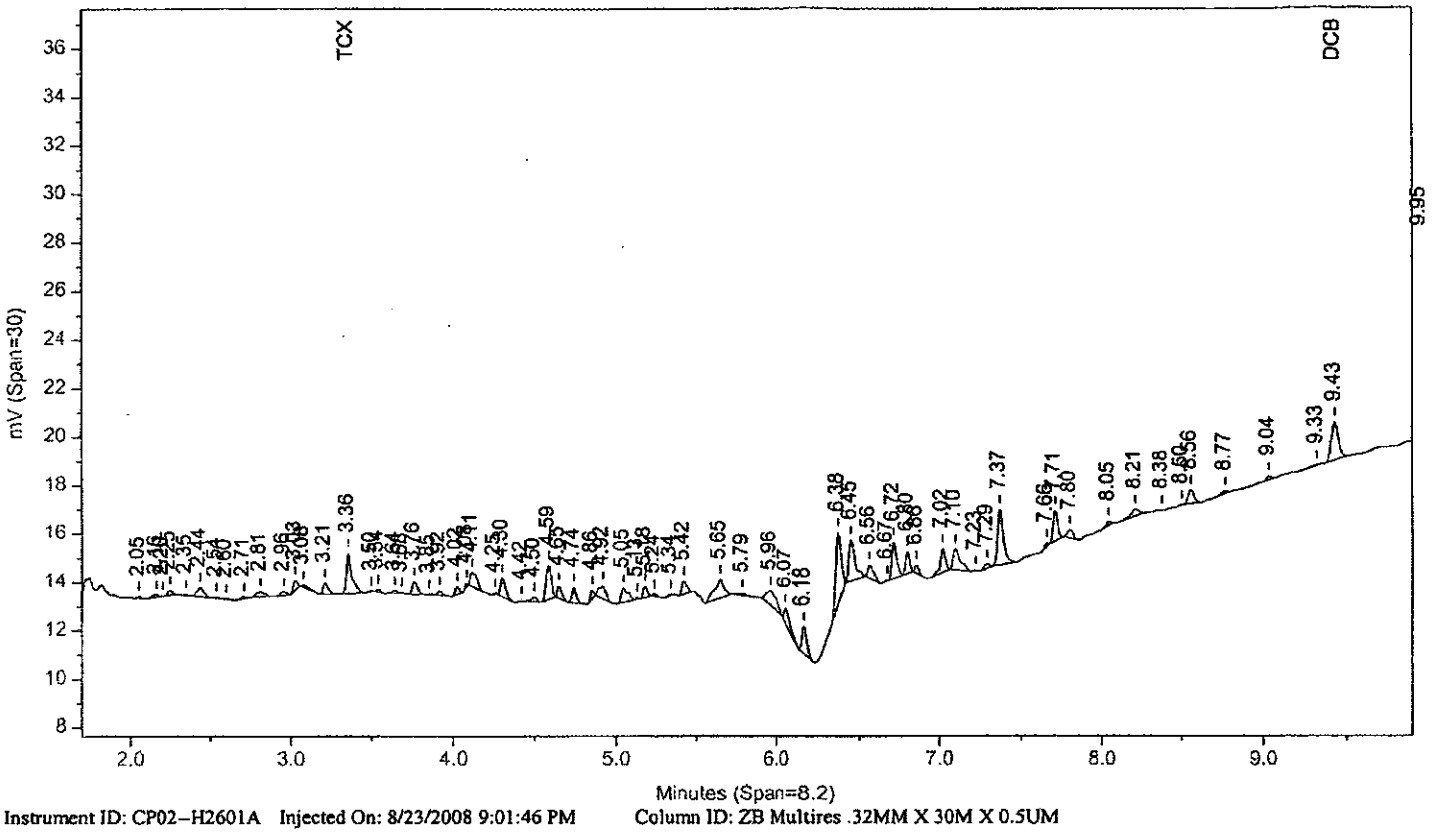
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.38R

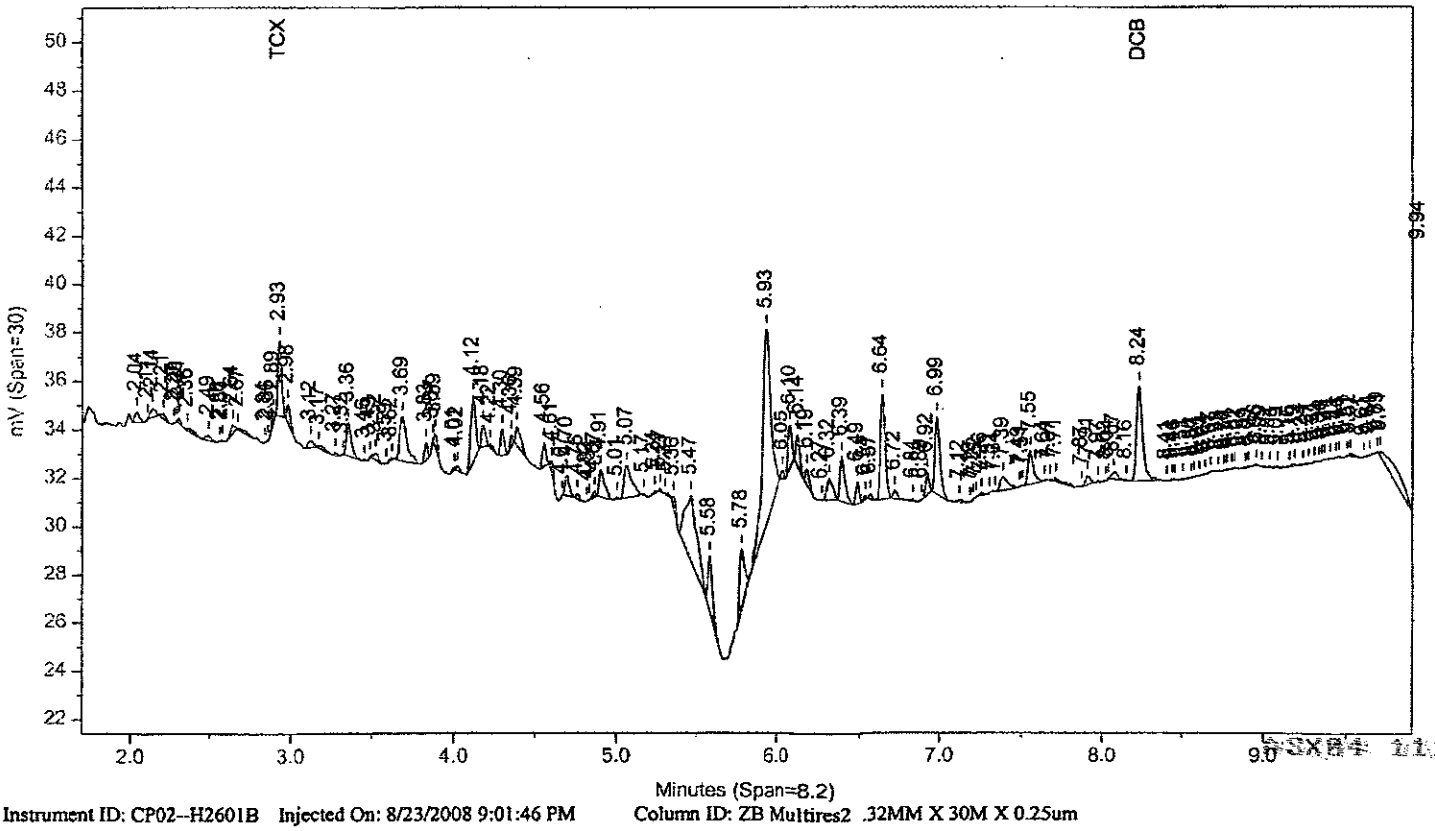
C:\CPWIN\DATA1\1P2235.38R



Instrument ID: CP02-H2601A Injected On: 8/23/2008 9:01:46 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.38R

C:\CPWIN\DATA1\1P2235B.38R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:01:46 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

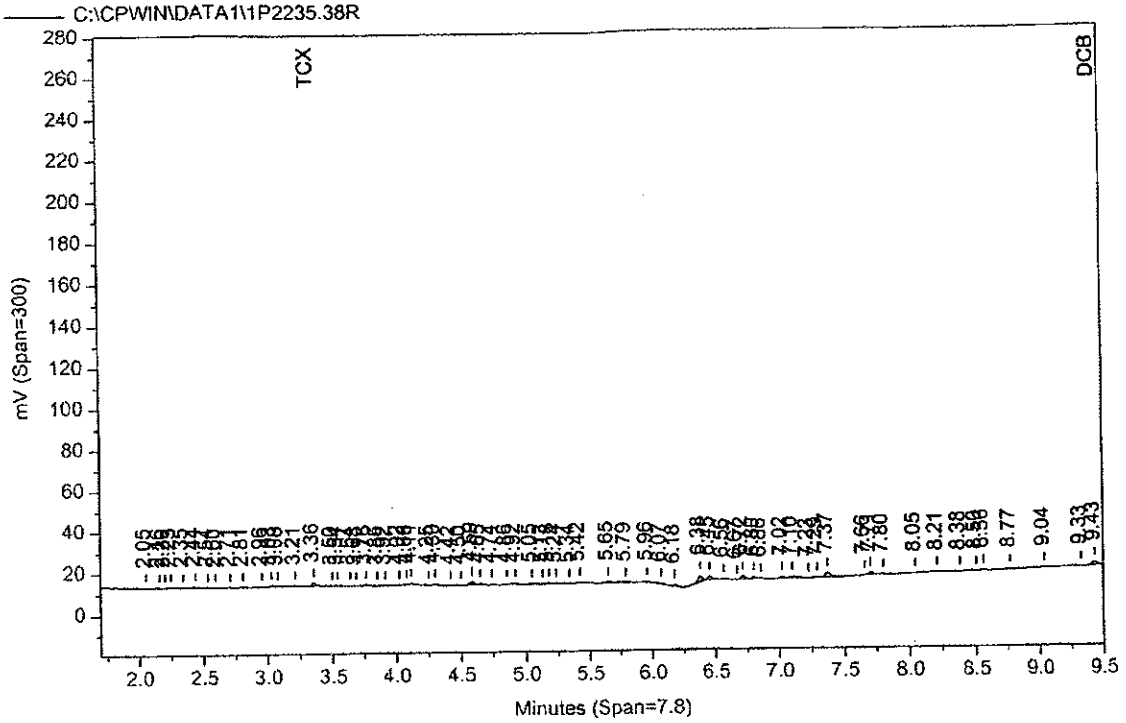
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	1678	.52615	TCX	2.929	3097	.58138	TCX
9.434	1569	.68634	DCB	8.236	3916	.85153	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.38A
Area File: C:\CPWIN\DATA1\1P2235B.38A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:40:54 AM
File Reported On: 8/25/2008 at 11:41:02 AM

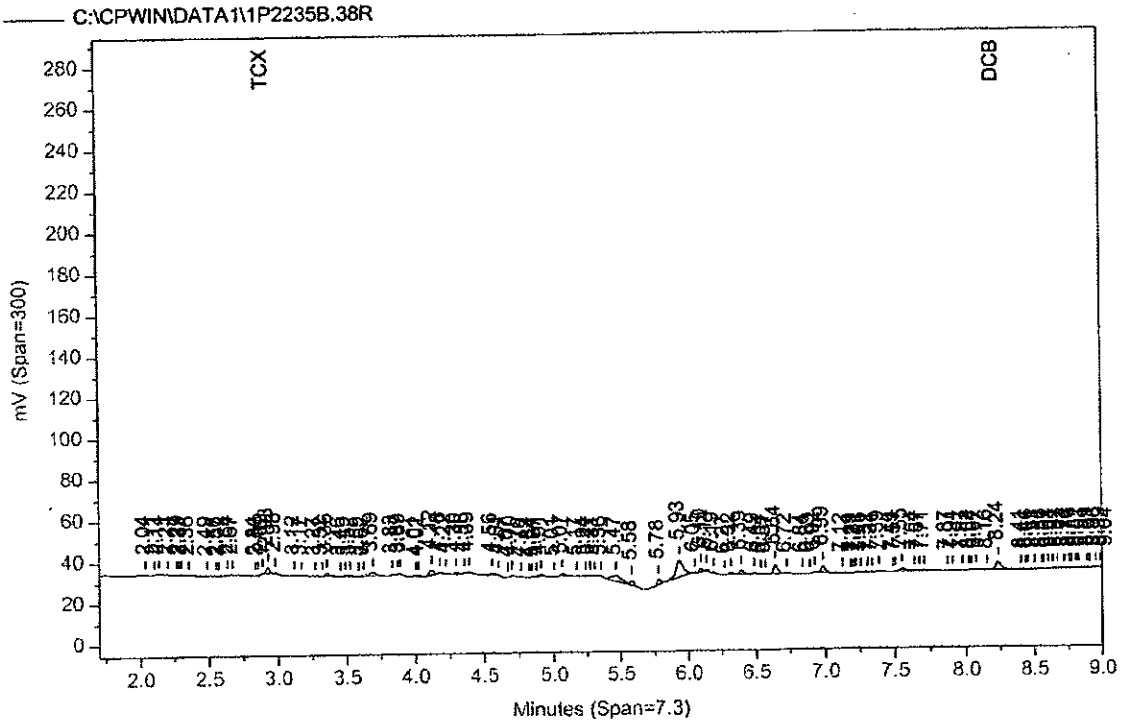
10X REPLOTS

ASXB4: 1111

C:\CPWIN\DATA1\1P2235.38R



C:\CPWIN\DATA1\1P2235B.38R



Sample Name: **MD62X0824A ACMD62XAC ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 09:26:09pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.39R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.065		0.0000	0.000	792.6	0.096	BB	0.039	337.64	0.102
2	2.227		0.0000	0.000	11809.8	1.431	BB	0.058	3414.01	1.030
3	2.440		0.0000	0.000	313196.2	37.962	BB	0.038	138892.60	41.896
4	2.552		0.0000	0.000	8283.2	1.004	BB	0.035	3968.55	1.197
5	2.677		0.0000	0.000	6135.4	0.744	BB	0.029	3556.66	1.073
6	2.745		0.0000	0.000	89421.3	10.839	BB	0.053	28344.39	8.550
7	2.939		0.0000	0.000	2149.9	0.261	BB	0.026	1375.47	0.415
8	2.993		0.0000	0.000	1700.1	0.206	BB	0.024	1186.10	0.358
9	3.058		0.0000	0.000	1840.0	0.223	BB	0.026	1168.28	0.352
10	3.092		0.0000	0.000	2791.9	0.338	BB	0.024	1972.04	0.595
11	3.288		0.0000	0.000	11018.5	1.336	BB	0.051	3617.63	1.091
12	3.494		0.0000	0.000	128397.7	15.563	BB	0.039	54208.24	16.351
13	3.601		0.0000	0.000	3425.6	0.415	BB	0.032	1785.61	0.539
14	3.739		0.0000	0.000	17875.3	2.167	BB	0.077	3848.94	1.161
15	3.877		0.0000	0.000	1216.3	0.147	BB	0.024	858.14	0.259
16	3.992		0.0000	0.000	1069.7	0.130	BB	0.054	329.38	0.099
17	4.049		0.0000	0.000	2536.8	0.307	BB	0.040	1055.64	0.318
18	4.121		0.0000	0.000	3089.8	0.375	BB	0.034	1518.84	0.458
19	4.182		0.0000	0.000	1775.7	0.215	BB	0.031	962.67	0.290
20	4.238		0.0000	0.000	128.3	0.016	BB	0.018	118.31	0.036
21	4.309		0.0000	0.000	8103.3	0.982	BB	0.037	3617.90	1.091
22	4.417		0.0000	0.000	5806.3	0.704	BB	0.029	3343.84	1.009
23	4.498		0.0000	0.000	18529.1	2.246	BB	0.025	12122.52	3.657
24	4.570		0.0000	0.000	19040.5	2.308	BB	0.043	7372.08	2.224
25	4.699		0.0000	0.000	143.6	0.017	BB	0.023	106.10	0.032
26	4.743		0.0000	0.000	2389.0	0.290	BB	0.050	793.25	0.239
27	4.821		0.0000	0.000	90.4	0.011	BB	0.016	96.15	0.029
28	4.922		0.0000	0.000	1225.4	0.149	BB	0.031	668.26	0.202
29	4.987		0.0000	0.000	136.7	0.017	BB	0.027	83.30	0.025
30	5.084		0.0000	0.000	1205.8	0.146	BB	0.051	393.99	0.119
31	5.179		0.0000	0.000	331.0	0.040	BB	0.027	206.21	0.062
32	5.288		0.0000	0.000	226.1	0.027	BB	0.019	197.14	0.059
33	5.317		0.0000	0.000	531.6	0.064	BB	0.040	221.66	0.067
34	5.423		0.0000	0.000	1170.0	0.142	BB	0.033	594.82	0.179
35	5.489		0.0000	0.000	1319.9	0.160	BB	0.027	805.88	0.243
36	5.620		0.0000	0.000	1244.5	0.151	BB	0.034	607.11	0.183
37	5.678		0.0000	0.000	576.6	0.070	BB	0.034	283.91	0.086
38	5.764		0.0000	0.000	449.1	0.054	BB	0.043	176.12	0.053
39	5.844		0.0000	0.000	527.8	0.064	BB	0.061	144.95	0.044
40	5.938		0.0000	0.000	2090.5	0.253	BB	0.079	440.16	0.133
41	6.063		0.0000	0.000	2984.5	0.362	BB	0.047	1060.77	0.320
42	6.170		0.0000	0.000	3705.2	0.449	BB	0.031	1984.35	0.599
43	6.229		0.0000	0.000	644.3	0.078	BB	0.026	420.46	0.127
44	6.375		0.0000	0.000	6282.0	0.761	BB	0.038	2720.05	0.820
45	6.444		0.0000	0.000	2891.8	0.351	BB	0.031	1546.33	0.466
46	6.506		0.0000	0.000	1710.0	0.207	BB	0.029	977.78	0.295
47	6.574		0.0000	0.000	5652.5	0.685	BB	0.033	2875.22	0.867
48	6.630		0.0000	0.000	2543.8	0.308	BB	0.025	1664.38	0.502
49	6.708		0.0000	0.000	6862.4	0.832	BB	0.048	2370.30	0.715
50	6.771		0.0000	0.000	176.6	0.021	BB	0.028	105.78	0.032
51	6.799		0.0000	0.000	2610.3	0.316	BB	0.027	1632.83	0.493
52	6.856		0.0000	0.000	579.9	0.070	BB	0.022	437.75	0.132
53	6.903		0.0000	0.000	367.6	0.045	BB	0.025	248.68	0.075
54	6.980		0.0000	0.000	138.3	0.017	BB	0.024	94.64	0.029
55	7.018		0.0000	0.000	3520.8	0.427	BB	0.034	1735.35	0.523
56	7.106		0.0000	0.000	3220.2	0.390	BB	0.037	1454.68	0.439
57	7.190		0.0000	0.000	2094.6	0.254	BB	0.048	734.95	0.222
58	7.281		0.0000	0.000	568.9	0.069	BB	0.035	267.10	0.081
59	7.367		0.0000	0.000	10142.9	1.229	BB	0.040	4265.61	1.287
60	7.523		0.0000	0.000	5280.0	0.640	BB	0.076	1158.91	0.350
61	7.646		0.0000	0.000	2396.9	0.291	BB	0.032	1232.38	0.372
62	7.700		0.0000	0.000	5840.4	0.708	BB	0.038	2578.45	0.778

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.802		0.0000	0.000	2679.8	0.325	BB	0.044	1004.16	0.303
64	7.886		0.0000	0.000	1043.0	0.126	BB	0.030	574.53	0.173
65	7.947		0.0000	0.000	4269.0	0.517	BB	0.045	1584.91	0.478
66	8.131		0.0000	0.000	4280.0	0.519	BB	0.039	1846.03	0.557
67	8.203		0.0000	0.000	943.7	0.114	BB	0.035	445.70	0.134
68	8.310		0.0000	0.000	3223.6	0.391	BB	0.081	664.58	0.200
69	8.483		0.0000	0.000	13654.4	1.655	BB	0.071	3195.42	0.964
70	8.843		0.0000	0.000	26126.9	3.167	BB	0.690	630.82	0.190
71	9.028		0.0000	0.000	1963.1	0.238	BB	0.051	639.35	0.193
72	9.103		0.0000	0.000	26.6	0.003	BB	0.027	16.45	0.005
73	9.427	DCB	0.0293	100.000	102.9	0.012	BB	0.026	66.97	0.020
74	9.578		0.0000	0.000	792.6	0.096	BB	0.099	132.99	0.040
75	9.748		0.0000	0.000	785.2	0.095	BB	0.087	151.11	0.046
76	9.888		0.0000	0.000	152.5	0.018	BB	0.043	59.63	0.018
77	9.945		0.0000	0.000	20974.1	2.542	BB	0.084	4145.79	1.251

Total Area = 825022.3, Total Amount = 0.029, Total Height = 331519.7, Sample Units = ug/l

Sample Name: **MD62X0824A ACMD62XAC ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 09:26:09pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.39R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.154		0.0000	0.000	6053.7	0.776	BB	0.044	2297.59	0.687
2	2.218		0.0000	0.000	12193.0	1.563	BB	0.037	5449.89	1.630
3	2.287		0.0000	0.000	130159.9	16.684	BB	0.041	52855.47	15.805
4	2.408		0.0000	0.000	31966.7	4.097	BB	0.055	9704.54	2.902
5	2.525		0.0000	0.000	4567.0	0.585	BB	0.027	2821.57	0.844
6	2.572		0.0000	0.000	4940.4	0.633	BB	0.036	2269.36	0.679
7	2.661		0.0000	0.000	14142.5	1.813	BB	0.042	5569.89	1.666
8	2.697		0.0000	0.000	732.3	0.094	BB	0.021	591.92	0.177
9	2.769		0.0000	0.000	6553.7	0.840	BB	0.033	3297.19	0.986
10	2.840		0.0000	0.000	8071.9	1.035	BB	0.041	3263.24	0.976
11	2.889		0.0000	0.000	485.2	0.062	BB	0.013	606.56	0.181
12	2.973		0.0000	0.000	9374.1	1.202	BB	0.039	3967.93	1.187
13	3.054		0.0000	0.000	188527.2	24.165	BB	0.034	93513.24	27.963
14	3.205		0.0000	0.000	2113.2	0.271	BB	0.022	1636.80	0.489
15	3.260		0.0000	0.000	28713.1	3.680	BB	0.110	4342.13	1.298
16	3.447		0.0000	0.000	671.5	0.086	BB	0.022	514.38	0.154
17	3.490		0.0000	0.000	325.7	0.042	BB	0.019	282.98	0.085
18	3.539		0.0000	0.000	608.0	0.078	BB	0.028	355.80	0.106
19	3.573		0.0000	0.000	107.7	0.014	BB	0.013	142.75	0.043
20	3.600		0.0000	0.000	14.9	0.002	N	-0.005	- 50.07	0.015
21	3.683		0.0000	0.000	3259.7	0.418	BB	0.063	856.07	0.256
22	3.707		0.0000	0.000	1154.0	0.148	BB	0.018	1039.95	0.311
23	3.771		0.0000	0.000	462.5	0.059	BB	0.022	352.60	0.105
24	3.806		0.0000	0.000	3797.6	0.487	BB	0.033	1934.39	0.578
25	3.856		0.0000	0.000	2279.4	0.292	BB	0.021	1831.40	0.548
26	3.955		0.0000	0.000	1363.1	0.175	BB	0.019	1223.59	0.366
27	3.986		0.0000	0.000	29986.1	3.844	BB	0.022	22567.84	6.748
28	4.040		0.0000	0.000	38585.7	4.946	BB	0.042	15406.98	4.607
29	4.173		0.0000	0.000	828.2	0.106	BB	0.026	521.07	0.156
30	4.245		0.0000	0.000	9540.2	1.223	BB	0.060	2651.52	0.793
31	4.406		0.0000	0.000	3548.4	0.455	BB	0.044	1332.62	0.398
32	4.523		0.0000	0.000	3677.6	0.471	BB	0.266	230.64	0.069
33	4.666		0.0000	0.000	1041.2	0.133	BB	0.029	593.27	0.177
34	4.723		0.0000	0.000	361.6	0.046	BB	0.020	307.35	0.092
35	4.755		0.0000	0.000	1142.3	0.146	BB	0.021	887.27	0.265
36	4.818		0.0000	0.000	4850.7	0.622	BB	0.031	2578.31	0.771
37	4.905		0.0000	0.000	1337.8	0.171	BB	0.032	707.65	0.212
38	4.937		0.0000	0.000	488.1	0.063	BB	0.017	481.38	0.144
39	5.070		0.0000	0.000	514.8	0.066	BB	0.032	269.65	0.081
40	5.106		0.0000	0.000	1383.0	0.177	BB	0.024	964.88	0.289
41	5.157		0.0000	0.000	260.6	0.033	BB	0.022	198.80	0.059
42	5.207		0.0000	0.000	29.0	0.004	BB	0.009	53.20	0.016
43	5.273		0.0000	0.000	1134.5	0.145	BB	0.056	339.30	0.101
44	5.339		0.0000	0.000	2134.0	0.274	BB	0.046	768.15	0.230
45	5.423		0.0000	0.000	1395.0	0.179	BB	0.026	897.24	0.268
46	5.470		0.0000	0.000	5551.9	0.712	BB	0.054	1699.49	0.508
47	5.583		0.0000	0.000	12851.2	1.647	BB	0.050	4262.92	1.275
48	5.675		0.0000	0.000	1641.1	0.210	BB	0.020	1398.02	0.418
49	5.712		0.0000	0.000	782.1	0.100	BB	0.018	714.37	0.214
50	5.786		0.0000	0.000	19137.3	2.453	BB	0.050	6356.30	1.901
51	5.927		0.0000	0.000	40666.5	5.213	BB	0.077	8783.37	2.626
52	6.039		0.0000	0.000	2642.7	0.339	BB	0.030	1479.97	0.443
53	6.099		0.0000	0.000	854.0	0.109	BB	0.029	493.39	0.148
54	6.136		0.0000	0.000	6121.3	0.785	BB	0.028	3702.41	1.107
55	6.182		0.0000	0.000	605.2	0.078	BB	0.018	559.74	0.167
56	6.251		0.0000	0.000	1938.8	0.249	BB	0.033	979.29	0.293
57	6.315		0.0000	0.000	7967.8	1.021	BB	0.039	3435.30	1.027
58	6.389		0.0000	0.000	5994.6	0.768	BB	0.031	3175.90	0.950
59	6.484		0.0000	0.000	2338.5	0.300	BB	0.028	1384.56	0.414
60	6.539		0.0000	0.000	710.9	0.091	BB	0.020	599.16	0.179
61	6.571		0.0000	0.000	88.8	0.011	BB	0.012	126.17	0.038
62	6.640		0.0000	0.000	16921.1	2.169	BB	0.037	7720.92	2.309

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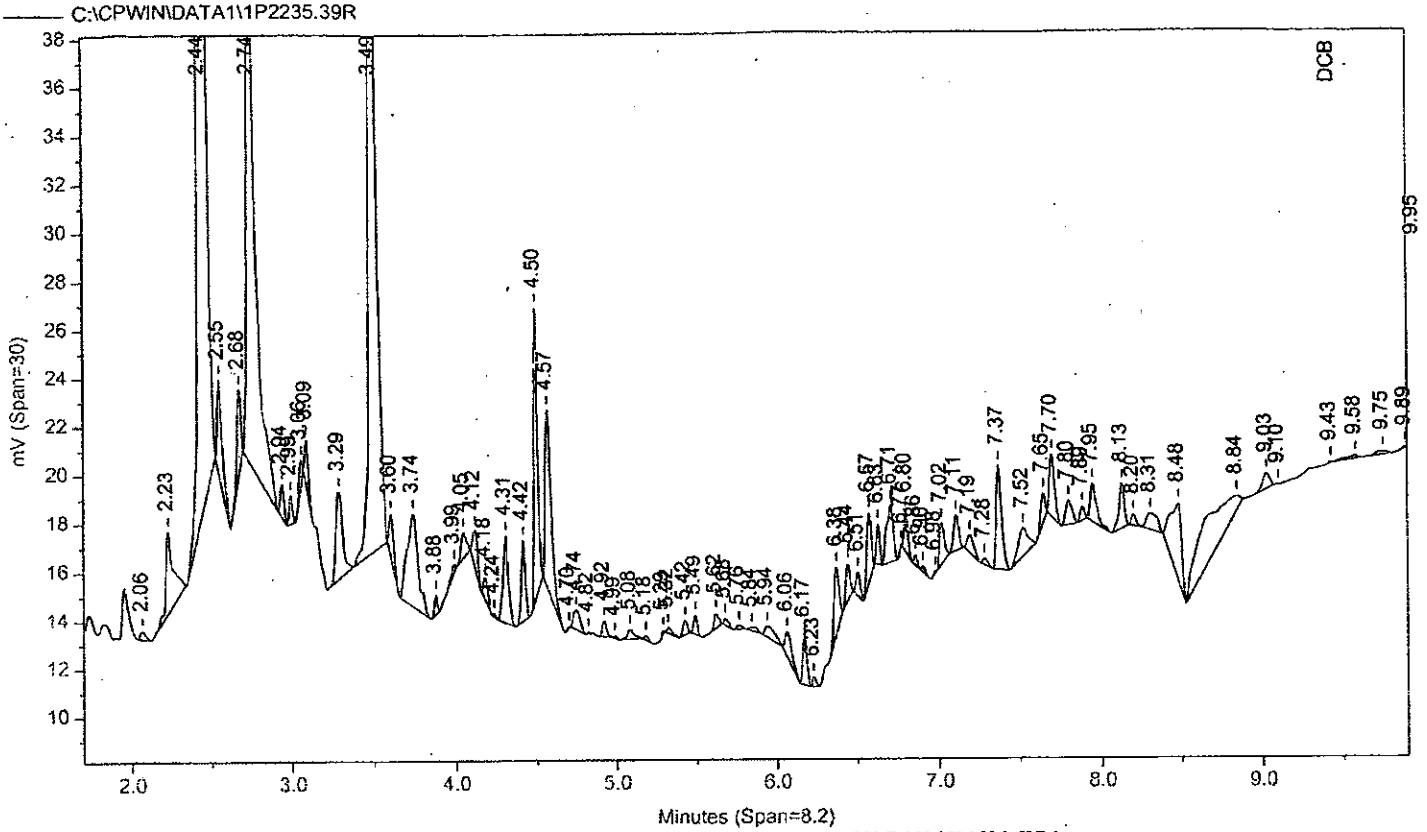
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.716		0.0000	0.000	5547.6	0.711	BB	0.032	2888.46	0.864
64	6.790		0.0000	0.000	326.6	0.042	BB	0.020	265.75	0.079
65	6.823		0.0000	0.000	431.1	0.055	BB	0.022	323.39	0.097
66	6.921		0.0000	0.000	9633.7	1.235	BB	0.035	4535.68	1.356
67	6.980		0.0000	0.000	2429.6	0.311	BB	0.021	1970.77	0.589
68	7.009		0.0000	0.000	1744.1	0.224	BB	0.023	1287.71	0.385
69	7.131		0.0000	0.000	4160.0	0.533	BB	0.043	1600.89	0.479
70	7.205		0.0000	0.000	449.1	0.058	BB	0.024	318.19	0.095
71	7.267		0.0000	0.000	16017.8	2.053	BB	0.096	2789.63	0.834
72	7.405		0.0000	0.000	7166.8	0.919	BB	0.060	1982.58	0.593
73	7.441		0.0000	0.000	53.4	0.007	BB	0.012	76.40	0.023
74	7.474		0.0000	0.000	58.2	0.007	BB	0.011	84.58	0.025
75	7.490		0.0000	0.000	44.9	0.006	BB	0.010	76.70	0.023
76	7.546		0.0000	0.000	8623.5	1.105	BB	0.045	3207.01	0.959
77	7.657		0.0000	0.000	23.0	0.003	BB	0.006	61.92	0.019
78	7.674		0.0000	0.000	28.5	0.004	BB	0.008	56.44	0.017
79	7.690		0.0000	0.000	131.2	0.017	BB	0.018	120.41	0.036
80	7.739		0.0000	0.000	450.5	0.058	BB	0.031	245.20	0.073
81	7.822		0.0000	0.000	975.7	0.125	BB	0.043	380.63	0.114
82	7.903		0.0000	0.000	2237.4	0.287	BB	0.039	955.51	0.286
83	7.973		0.0000	0.000	69.8	0.009	BB	0.013	86.25	0.026
84	8.024		0.0000	0.000	40.3	0.005	BB	0.010	65.43	0.020
85	8.039		0.0000	0.000	288.9	0.037	BB	0.035	138.77	0.041
86	8.173		0.0000	0.000	383.1	0.049	BB	0.042	150.86	0.045
87	8.222		0.0000	0.000	100.7	0.013	BB	0.020	83.62	0.025
88	8.256	DCB	0.0184	100.000	53.7	0.007	BB	0.011	84.52	0.025
89	8.273		0.0000	0.000	59.7	0.008	BB	0.013	76.27	0.023
90	8.323		0.0000	0.000	383.6	0.049	BB	0.031	206.66	0.062
91	8.423		0.0000	0.000	54.6	0.007	BB	0.011	80.10	0.024
92	8.456		0.0000	0.000	409.4	0.052	BB	0.046	149.00	0.045
93	8.556		0.0000	0.000	153.0	0.020	BB	0.025	101.98	0.030
94	8.598		0.0000	0.000	5.5	0.001	BB	0.006	15.68	0.005
95	8.624		0.0000	0.000	30.5	0.004	BB	0.009	55.43	0.017
96	8.639		0.0000	0.000	290.2	0.037	BB	0.018	264.81	0.079
97	8.707		0.0000	0.000	59.9	0.008	BB	0.013	76.04	0.023
98	8.723		0.0000	0.000	178.2	0.023	BB	0.024	123.17	0.037
99	8.806		0.0000	0.000	682.0	0.087	BB	0.051	221.19	0.066
100	8.857		0.0000	0.000	24.4	0.003	BB	0.006	67.02	0.020
101	8.890		0.0000	0.000	73.2	0.009	BB	0.016	75.03	0.022
102	8.923		0.0000	0.000	233.8	0.030	BB	0.030	127.82	0.038
103	8.974		0.0000	0.000	25.2	0.003	BB	0.009	49.14	0.015
104	9.007		0.0000	0.000	7.6	0.001	BB	0.003	38.77	0.012
105	9.023		0.0000	0.000	84.0	0.011	BB	0.014	100.96	0.030
106	9.090		0.0000	0.000	122.7	0.016	BB	0.023	89.02	0.027
107	9.156		0.0000	0.000	483.5	0.062	BB	0.046	176.57	0.053
108	9.240		0.0000	0.000	15.9	0.002	BB	0.005	50.34	0.015
109	9.257		0.0000	0.000	37.3	0.005	BB	0.007	83.04	0.025
110	9.307		0.0000	0.000	374.0	0.048	BB	0.043	146.19	0.044
111	9.374		0.0000	0.000	38.7	0.005	BB	0.010	64.05	0.019
112	9.391		0.0000	0.000	41.8	0.005	BB	0.011	61.44	0.018
113	9.407		0.0000	0.000	256.5	0.033	BB	0.033	130.06	0.039
114	9.490		0.0000	0.000	60.0	0.008	BB	0.014	69.29	0.021
115	9.522		0.0000	0.000	289.8	0.037	BB	0.024	203.54	0.061
116	9.574		0.0000	0.000	24.8	0.003	BB	0.007	57.57	0.017
117	9.591		0.0000	0.000	46.9	0.006	BB	0.011	71.78	0.021
118	9.623		0.0000	0.000	57.4	0.007	BB	0.019	49.21	0.015
119	9.640		0.0000	0.000	38.4	0.005	BB	0.009	68.66	0.021
120	9.656		0.0000	0.000	36.0	0.005	BB	0.008	76.86	0.023
121	9.673		0.0000	0.000	20.3	0.003	BB	0.006	53.87	0.016
122	9.690		0.0000	0.000	20.0	0.003	BB	0.006	52.08	0.016
123	9.707		0.0000	0.000	1095.1	0.140	BB	0.091	201.62	0.060
124	9.839		0.0000	0.000	1160.7	0.149	BB	0.053	363.09	0.109
125	9.924		0.0000	0.000	20032.2	2.568	BB	0.045	7383.02	2.208

Total Area = 780165.8, Total Amount = 0.018, Total Height = 334417.3, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.39R

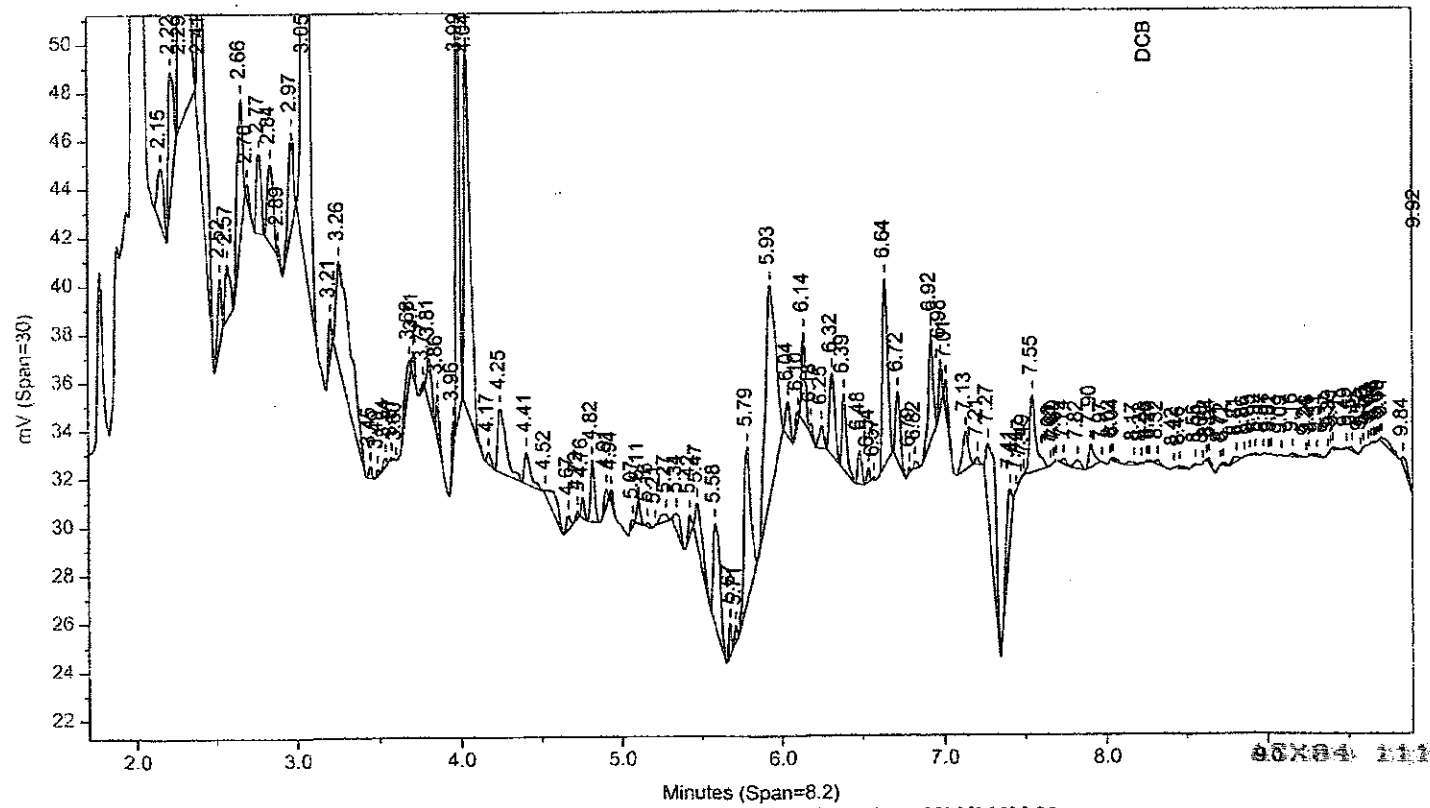
C:\CPWIN\DATA1\1P2235.39R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 9:16:09 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.39R

C:\CPWIN\DATA1\1P2235B.39R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:16:09 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

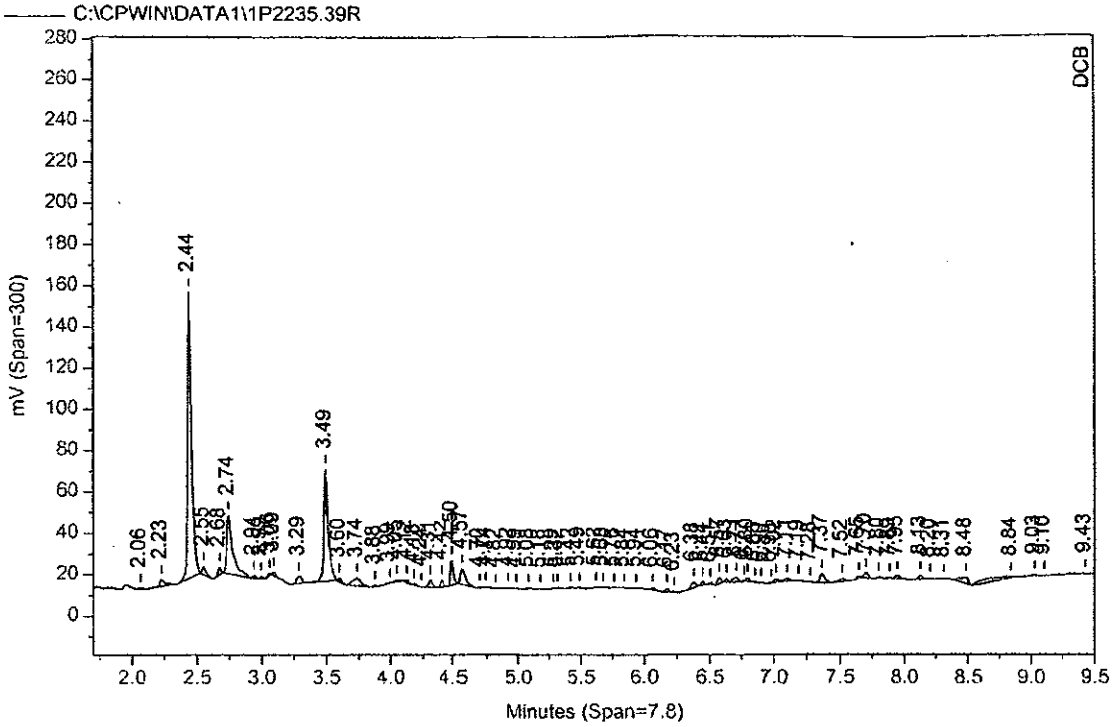
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.427	67	.02929	DCB	8.256	85	.01838	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.39A
Area File: C:\CPWIN\DATA1\1P2235B.39A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:41:12 AM
File Reported On: 8/25/2008 at 11:41:20 AM

10X REPLOTS

ASX84 1119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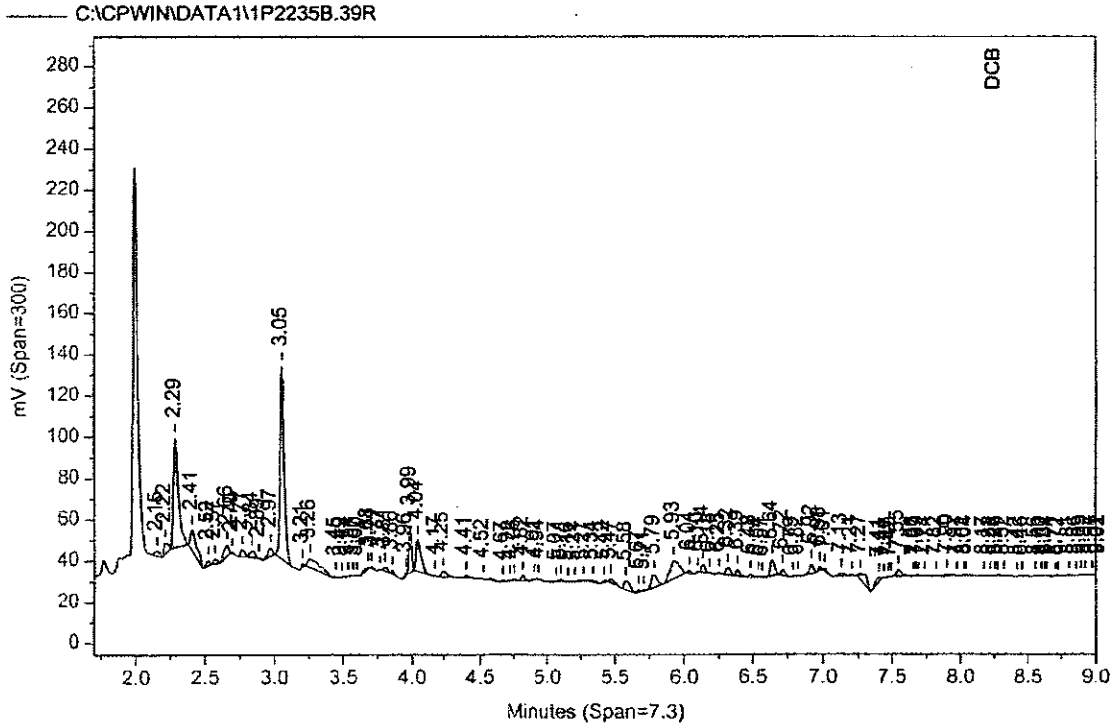
DCB
mV (Span=300)
Minutes (Span=7.8)
2.06
2.23
2.44
2.74
3.29
3.49
8.48
8.84
9.43


C:\CPWIN\DATA1\1P2235B.39R
DCB
mV (Span=300)
Minutes (Span=7.3)
2.29
2.41
3.05

ASX84: 1120

Sample Name: **MD68X0824A AAMD68XAA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 09:40:36pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.40R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	59.3	0.037	BB	0.023	42.35	0.072
2	2.164		0.0000	0.000	252.5	0.156	BB	0.038	111.88	0.191
3	2.247		0.0000	0.000	216.0	0.134	BB	0.040	90.19	0.154
4	2.444		0.0000	0.000	13602.7	8.418	BB	0.036	6222.81	10.631
5	2.553		0.0000	0.000	158.4	0.098	BB	0.031	84.35	0.144
6	2.647		0.0000	0.000	22.5	0.014	BB	0.018	20.78	0.035
7	2.702		0.0000	0.000	182.7	0.113	BB	0.036	84.78	0.145
8	2.773		0.0000	0.000	25.2	0.016	BB	0.025	17.00	0.029
9	2.819		0.0000	0.000	871.8	0.540	BB	0.042	347.66	0.594
10	2.938		0.0000	0.000	156.5	0.097	BB	0.024	109.53	0.187
11	3.023		0.0000	0.000	471.3	0.292	BB	0.058	135.93	0.232
12	3.078		0.0000	0.000	151.5	0.094	BB	0.030	82.94	0.142
13	3.127		0.0000	0.000	5575.6	3.451	BB	0.056	1658.80	2.834
14	3.290		0.0000	0.000	473.3	0.293	BB	0.062	128.10	0.219
15	3.403		0.0000	0.000	666.8	0.413	BB	0.043	259.32	0.443
16	3.499		0.0000	0.000	226.2	0.140	BB	0.025	149.44	0.255
17	3.641		0.0000	0.000	487.7	0.302	BB	0.052	156.18	0.267
18	3.776		0.0000	0.000	158.3	0.098	BB	0.044	59.68	0.102
19	4.034		0.0000	0.000	111.8	0.069	BB	0.038	49.68	0.085
20	4.081		0.0000	0.000	107.2	0.066	BB	0.022	83.05	0.142
21	4.118		0.0000	0.000	88.9	0.055	BB	0.024	61.07	0.104
22	4.188		0.0000	0.000	247.2	0.153	BB	0.034	119.96	0.205
23	4.299		0.0000	0.000	4124.5	2.553	BB	0.055	1258.94	2.151
24	4.510		0.0000	0.000	23.7	0.015	BB	0.026	15.39	0.026
25	4.570		0.0000	0.000	1097.1	0.679	BB	0.048	381.69	0.652
26	4.746		0.0000	0.000	3707.0	2.294	BB	0.063	979.57	1.674
27	4.921		0.0000	0.000	381.3	0.236	BB	0.036	177.95	0.304
28	5.003		0.0000	0.000	147.8	0.091	BB	0.044	56.31	0.096
29	5.289		0.0000	0.000	90.9	0.056	BB	0.050	30.39	0.052
30	5.349		0.0000	0.000	263.8	0.163	BB	0.056	78.69	0.134
31	5.416		0.0000	0.000	129.5	0.080	BB	0.025	86.18	0.147
32	5.495		0.0000	0.000	509.3	0.315	BB	0.047	179.69	0.307
33	5.628		0.0000	0.000	1077.3	0.667	BB	0.072	249.54	0.426
34	5.682		0.0000	0.000	106.6	0.066	BB	0.028	63.85	0.109
35	5.755		0.0000	0.000	371.6	0.230	BB	0.095	65.50	0.112
36	5.964		0.0000	0.000	928.9	0.575	BB	0.053	291.66	0.498
37	6.051		0.0000	0.000	1051.7	0.651	BB	0.035	496.77	0.849
38	6.374		0.0000	0.000	8220.3	5.087	BB	0.042	3242.12	5.539
39	6.498		0.0000	0.000	1233.3	0.763	BB	0.045	452.46	0.773
40	6.563		0.0000	0.000	812.8	0.503	BB	0.043	311.88	0.533
41	6.630		0.0000	0.000	599.9	0.371	BB	0.024	417.51	0.713
42	6.674		0.0000	0.000	17.5	0.011	BB	0.015	19.79	0.034
43	6.804		0.0000	0.000	1991.1	1.232	BB	0.038	881.10	1.505
44	7.044		0.0000	0.000	1595.8	0.988	BB	0.029	932.04	1.592
45	7.108		0.0000	0.000	1629.4	1.008	BB	0.055	492.39	0.841
46	7.233		0.0000	0.000	453.5	0.281	BB	0.040	189.81	0.324
47	7.310		0.0000	0.000	140.4	0.087	BB	0.029	82.11	0.140
48	7.377		0.0000	0.000	1191.4	0.737	BB	0.046	435.75	0.744
49	7.564		0.0000	0.000	1124.4	0.696	BB	0.058	320.72	0.548
50	7.650		0.0000	0.000	3240.9	2.006	BB	0.028	1949.24	3.330
51	7.700		0.0000	0.000	7806.3	4.831	BB	0.034	3823.26	6.532
52	7.803		0.0000	0.000	9382.6	5.807	BB	0.040	3917.55	6.693
53	7.954		0.0000	0.000	487.3	0.302	BB	0.040	202.75	0.346
54	8.050		0.0000	0.000	8782.3	5.435	BB	0.040	3615.40	6.177
55	8.176		0.0000	0.000	2500.4	1.547	BB	0.045	936.01	1.599
56	8.350		0.0000	0.000	545.3	0.337	BB	0.079	115.02	0.197
57	8.490		0.0000	0.000	8490.3	5.254	BB	0.068	2076.46	3.548
58	8.751		0.0000	0.000	12165.9	7.529	BB	0.307	661.54	1.130
59	9.036		0.0000	0.000	33359.1	20.645	BB	0.049	11263.18	19.243
60	9.327		0.0000	0.000	1138.0	0.704	BB	0.093	203.46	0.348
61	9.429	DCB	1.1583	100.000	7751.5	4.797	BB	0.049	2648.30	4.524
62	9.749		0.0000	0.000	395.0	0.244	BB	0.080	82.62	0.141

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.861		0.0000	0.000	464.2	0.287	BB	0.060	129.75	0.222
64	9.917		0.0000	0.000	7614.6	4.712	BB	0.028	4571.93	7.811
65	9.972		0.0000	0.000	126.7	0.078	BB	0.030	71.08	0.121

Total Area = 161584.4, Total Amount = 1.158, Total Height = 58532.83, Sample Units = ug/l

ASX04 1122

Sample Name: **MD68X0824A AAMD68XAA ICAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 09:40:36pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.40R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.094		0.0000	0.000	22.9	0.007	BB	0.007	52.38	0.045
2	2.110		0.0000	0.000	31.3	0.010	BB	0.008	68.01	0.059
3	2.142		0.0000	0.000	328.5	0.103	BB	0.027	199.62	0.173
4	2.176		0.0000	0.000	30.2	0.009	BB	0.007	77.46	0.067
5	2.210		0.0000	0.000	391.7	0.122	BB	0.026	253.06	0.220
6	2.284		0.0000	0.000	2192.5	0.684	BB	0.036	1007.89	0.875
7	2.359		0.0000	0.000	119.5	0.037	BB	0.015	130.59	0.113
8	2.392		0.0000	0.000	273.0	0.085	BB	0.031	145.20	0.126
9	2.510		0.0000	0.000	25.6	0.008	BB	0.006	67.25	0.058
10	2.526		0.0000	0.000	32.4	0.010	BB	0.007	72.07	0.063
11	2.569		0.0000	0.000	959.3	0.299	BB	0.029	544.74	0.473
12	2.675		0.0000	0.000	11675.7	3.645	BB	0.090	2171.11	1.885
13	2.834		0.0000	0.000	25503.6	7.962	BB	0.071	5990.90	5.201
14	2.992		0.0000	0.000	723.4	0.226	BB	0.035	347.87	0.302
15	3.053		0.0000	0.000	713.8	0.223	BB	0.025	467.07	0.405
16	3.110		0.0000	0.000	723.4	0.226	BB	0.049	244.14	0.212
17	3.193		0.0000	0.000	99.9	0.031	BB	0.017	100.44	0.087
18	3.226		0.0000	0.000	44.5	0.014	BB	0.010	71.89	0.062
19	3.260		0.0000	0.000	90.6	0.028	BB	0.015	99.29	0.086
20	3.310		0.0000	0.000	135.7	0.042	BB	0.017	131.18	0.114
21	3.343		0.0000	0.000	434.8	0.136	BB	0.048	150.44	0.131
22	3.442		0.0000	0.000	99.7	0.031	BB	0.015	112.46	0.098
23	3.493		0.0000	0.000	140.9	0.044	BB	0.015	161.12	0.140
24	3.526		0.0000	0.000	187.8	0.059	BB	0.021	148.41	0.129
25	3.643		0.0000	0.000	29.2	0.009	BB	0.007	74.58	0.065
26	3.680		0.0000	0.000	21.0	0.007	N	240.151	0.00	0.000
27	3.744		0.0000	0.000	30.6	0.010	BB	0.008	64.96	0.056
28	3.760		0.0000	0.000	26.1	0.008	BB	0.008	57.88	0.050
29	3.777		0.0000	0.000	25.5	0.008	BB	0.006	66.33	0.058
30	3.820		0.0000	0.000	12233.3	3.819	BB	0.057	3568.01	3.097
31	3.960		0.0000	0.000	37.2	0.012	BB	0.010	63.06	0.055
32	3.993		0.0000	0.000	23.6	0.007	BB	0.006	61.82	0.054
33	4.038		0.0000	0.000	2186.7	0.683	BB	0.039	943.44	0.819
34	4.126		0.0000	0.000	12.6	0.004	BB	0.005	44.30	0.038
35	4.144		0.0000	0.000	29.2	0.009	BB	0.008	58.87	0.051
36	4.161		0.0000	0.000	34.7	0.011	BB	0.008	68.71	0.060
37	4.177		0.0000	0.000	38.0	0.012	BB	0.009	67.70	0.059
38	4.193		0.0000	0.000	30.7	0.010	BB	0.008	64.34	0.056
39	4.244		0.0000	0.000	9264.4	2.892	BB	0.057	2731.55	2.371
40	4.393		0.0000	0.000	319.0	0.100	BB	0.026	201.74	0.175
41	4.459		0.0000	0.000	5703.1	1.780	BB	0.473	200.83	0.174
42	4.661		0.0000	0.000	86.7	0.027	BB	0.024	60.21	0.052
43	4.693		0.0000	0.000	87.1	0.027	BB	0.018	78.64	0.068
44	4.727		0.0000	0.000	20.6	0.006	BB	0.005	63.17	0.055
45	4.743		0.0000	0.000	220.2	0.069	BB	0.030	121.71	0.106
46	4.810		0.0000	0.000	186.7	0.058	BB	0.026	120.66	0.105
47	4.876		0.0000	0.000	72.6	0.023	BB	0.015	81.53	0.071
48	4.910		0.0000	0.000	36.5	0.011	BB	0.008	77.43	0.067
49	4.942		0.0000	0.000	123.5	0.039	BB	0.018	115.38	0.100
50	4.976		0.0000	0.000	29.9	0.009	BB	0.008	63.71	0.055
51	4.993		0.0000	0.000	379.7	0.119	BB	0.042	149.30	0.130
52	5.061		0.0000	0.000	25.9	0.008	BB	0.007	60.83	0.053
53	5.076		0.0000	0.000	59.2	0.018	BB	0.013	76.06	0.066
54	5.109		0.0000	0.000	333.9	0.104	BB	0.030	188.28	0.163
55	5.160		0.0000	0.000	104.2	0.033	BB	0.018	94.13	0.082
56	5.210		0.0000	0.000	40.5	0.013	BB	0.010	64.87	0.056
57	5.244		0.0000	0.000	80.9	0.025	BB	0.017	77.99	0.068
58	5.260		0.0000	0.000	5622.3	1.755	BB	0.255	367.49	0.319
59	5.443		0.0000	0.000	9997.0	3.121	BB	0.114	1457.79	1.266
60	5.607		0.0000	0.000	1285.8	0.401	BB	0.024	875.81	0.760
61	5.934		0.0000	0.000	29128.8	9.094	BB	0.074	6548.98	5.685
62	6.041		0.0000	0.000	1427.7	0.446	BB	0.034	693.45	0.602

ASX04 1123

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.137		0.0000	0.000	5166.5	1.613	BB	0.037	2326.85	2.020
64	6.277		0.0000	0.000	11.3	0.004	BB	0.004	42.70	0.037
65	6.317		0.0000	0.000	6473.8	2.021	BB	0.044	2451.64	2.128
66	6.390		0.0000	0.000	3680.3	1.149	BB	0.032	1935.21	1.680
67	6.476		0.0000	0.000	959.4	0.300	BB	0.029	556.79	0.483
68	6.526		0.0000	0.000	256.5	0.080	BB	0.021	200.31	0.174
69	6.610		0.0000	0.000	117.2	0.037	BB	0.023	84.51	0.073
70	6.642		0.0000	0.000	1850.8	0.578	BB	0.032	953.55	0.828
71	6.718		0.0000	0.000	10010.3	3.125	BB	0.035	4739.95	4.115
72	6.809		0.0000	0.000	80.1	0.025	BB	0.016	83.37	0.072
73	6.844		0.0000	0.000	29.7	0.009	BB	0.007	68.15	0.059
74	6.859		0.0000	0.000	38.1	0.012	BB	0.008	74.73	0.065
75	6.925		0.0000	0.000	15362.0	4.796	BB	0.031	8392.77	7.286
76	6.986		0.0000	0.000	15080.8	4.708	BB	0.032	7837.58	6.804
77	7.110		0.0000	0.000	36.9	0.012	BB	0.008	75.19	0.065
78	7.126		0.0000	0.000	61.4	0.019	BB	0.010	100.82	0.088
79	7.203		0.0000	0.000	17068.1	5.329	BB	0.037	7725.27	6.706
80	7.305		0.0000	0.000	8732.4	2.726	BB	0.036	4085.86	3.547
81	7.461		0.0000	0.000	7441.6	2.323	BB	0.586	211.63	0.184
82	7.477		0.0000	0.000	35.0	0.011	BB	0.010	59.99	0.052
83	7.494		0.0000	0.000	29.0	0.009	BB	0.007	69.70	0.061
84	7.510		0.0000	0.000	27.8	0.009	BB	0.008	56.50	0.049
85	7.547		0.0000	0.000	7521.8	2.348	BB	0.037	3401.63	2.953
86	7.659		0.0000	0.000	47.0	0.015	BB	0.012	66.21	0.057
87	7.709		0.0000	0.000	121.1	0.038	BB	0.021	94.55	0.082
88	7.743		0.0000	0.000	47.2	0.015	BB	0.012	67.96	0.059
89	7.776		0.0000	0.000	29.3	0.009	BB	0.007	69.87	0.061
90	7.810		0.0000	0.000	30.3	0.009	BB	0.009	58.95	0.051
91	7.826		0.0000	0.000	76.8	0.024	BB	0.014	88.98	0.077
92	7.905		0.0000	0.000	60006.2	18.734	BB	0.040	24811.01	21.538
93	8.043		0.0000	0.000	518.9	0.162	BB	0.035	247.85	0.215
94	8.110		0.0000	0.000	16.6	0.005	BB	0.005	56.97	0.049
95	8.126		0.0000	0.000	36.3	0.011	BB	0.008	77.21	0.067
96	8.143		0.0000	0.000	48.0	0.015	BB	0.013	61.34	0.053
97	8.227	DCB	1.3260	100.000	14298.0	4.464	BB	0.039	6098.48	5.294
98	8.327		0.0000	0.000	34.3	0.011	BB	0.009	63.30	0.055
99	8.343		0.0000	0.000	37.5	0.012	BB	0.008	83.35	0.072
100	8.376		0.0000	0.000	29.2	0.009	BB	0.008	59.48	0.052
101	8.393		0.0000	0.000	20.9	0.007	BB	0.006	59.67	0.052
102	8.426		0.0000	0.000	37.7	0.012	BB	0.008	74.00	0.064
103	8.443		0.0000	0.000	74.4	0.023	BB	0.014	89.59	0.078
104	8.476		0.0000	0.000	6500.4	2.029	BB	0.168	643.12	0.558
105	8.761		0.0000	0.000	5982.4	1.868	BB	0.607	164.27	0.143
106	8.777		0.0000	0.000	40.5	0.013	BB	0.009	76.58	0.066
107	8.794		0.0000	0.000	42.1	0.013	BB	0.010	71.12	0.062
108	8.827		0.0000	0.000	70.9	0.022	BB	0.021	56.55	0.049
109	8.842		0.0000	0.000	27.5	0.009	BB	0.008	58.51	0.051
110	8.860		0.0000	0.000	33.7	0.011	BB	0.008	71.91	0.062
111	8.876		0.0000	0.000	27.3	0.009	BB	0.009	51.97	0.045
112	8.910		0.0000	0.000	31.5	0.010	BB	0.009	56.98	0.049
113	8.926		0.0000	0.000	101.5	0.032	BB	0.019	89.42	0.078
114	8.976		0.0000	0.000	38.0	0.012	BB	0.007	86.74	0.075
115	9.010		0.0000	0.000	40.1	0.013	BB	0.009	73.88	0.064
116	9.042		0.0000	0.000	77.1	0.024	BB	0.016	78.73	0.068
117	9.076		0.0000	0.000	116.5	0.036	BB	0.020	95.12	0.083
118	9.110		0.0000	0.000	23.4	0.007	BB	0.007	55.26	0.048
119	9.127		0.0000	0.000	29.7	0.009	BB	0.008	62.76	0.054
120	9.143		0.0000	0.000	35.3	0.011	BB	0.010	60.69	0.053
121	9.160		0.0000	0.000	28.2	0.009	BB	0.007	65.93	0.057
122	9.176		0.0000	0.000	84.5	0.026	BB	0.014	99.59	0.086
123	9.227		0.0000	0.000	25.2	0.008	BB	0.007	57.84	0.050
124	9.243		0.0000	0.000	35.5	0.011	BB	0.008	70.57	0.061
125	9.261		0.0000	0.000	22.3	0.007	BB	0.007	51.89	0.045
126	9.277		0.0000	0.000	45.2	0.014	BB	0.010	71.93	0.062
127	9.293		0.0000	0.000	41.4	0.013	BB	0.008	82.16	0.071
128	9.326		0.0000	0.000	33.7	0.011	BB	0.008	72.68	0.063
129	9.343		0.0000	0.000	58.8	0.018	BB	0.011	91.65	0.080
130	9.393		0.0000	0.000	25.7	0.008	BB	0.007	63.90	0.055
131	9.409		0.0000	0.000	135.6	0.042	BB	0.020	110.82	0.096
132	9.476		0.0000	0.000	20.7	0.006	BB	0.006	60.88	0.053

ASX84 1124

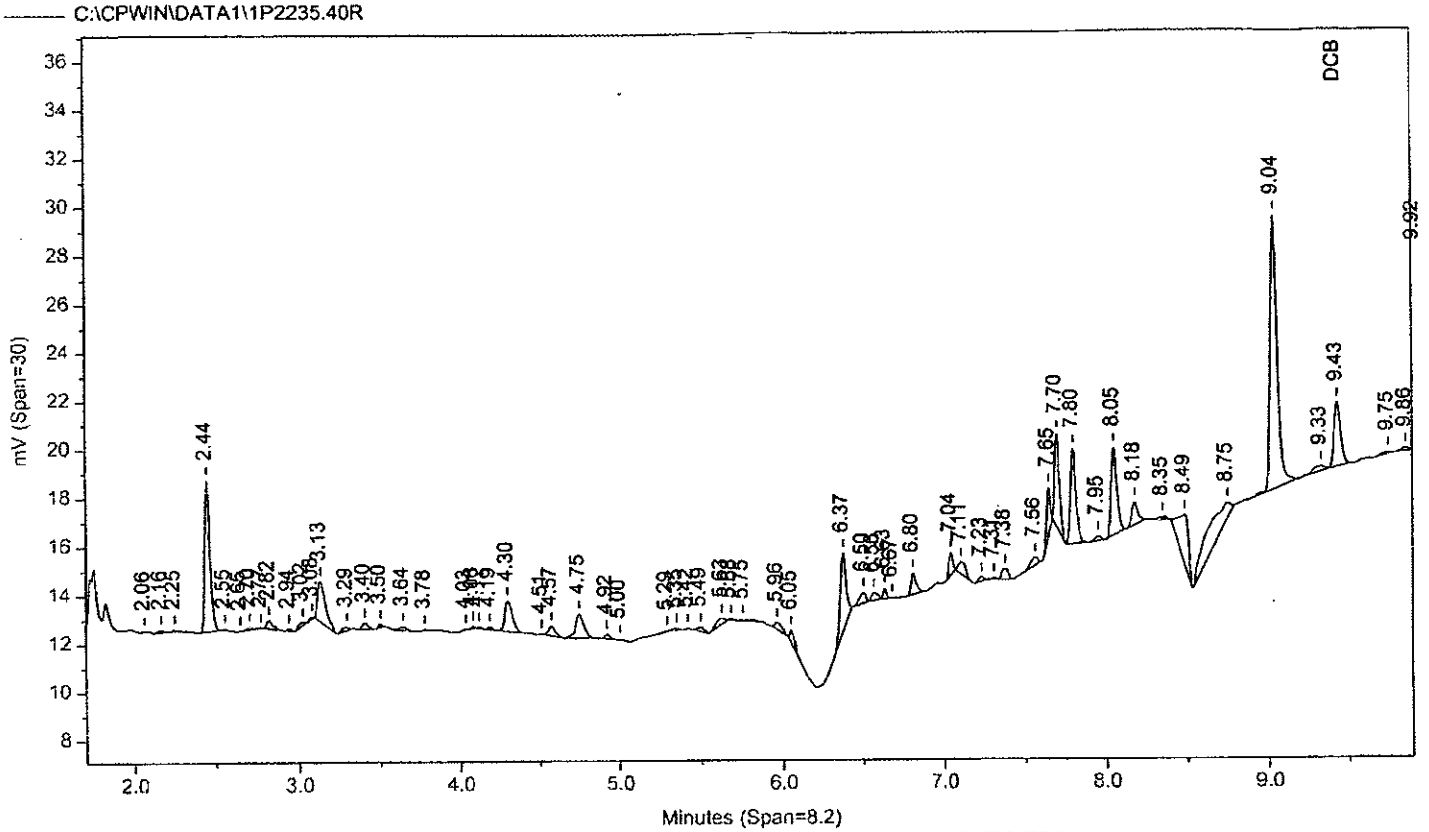
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.510		0.0000	0.000	28.4	0.009	BB	0.007	67.93	0.059
134	9.526		0.0000	0.000	211.0	0.066	BB	0.026	132.79	0.115
135	9.593		0.0000	0.000	85.4	0.027	BB	0.015	94.15	0.082
136	9.643		0.0000	0.000	23.7	0.007	BB	0.006	68.20	0.059
137	9.660		0.0000	0.000	25.9	0.008	BB	0.007	59.57	0.052
138	9.693		0.0000	0.000	22.3	0.007	BB	0.005	68.62	0.060
139	9.710		0.0000	0.000	30.6	0.010	BB	0.007	68.99	0.060
140	9.927		0.0000	0.000	6044.8	1.887	BB	0.079	1277.67	1.109
141	9.943		0.0000	0.000	26.5	0.008	BB	0.007	61.44	0.053
142	9.960		0.0000	0.000	33.1	0.010	BB	0.009	62.61	0.054
143	9.977		0.0000	0.000	24.5	0.008	BB	0.007	54.88	0.048
144	9.993		0.0000	0.000	28.4	0.009	BB	0.007	70.42	0.061

Total Area = 320315.0, Total Amount = 1.326, Total Height = 115194.3, Sample Units = ug/l

ASX04: 1125

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.40R

C:\CPWIN\DATA1\1P2235.40R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 9:30:36 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.40R

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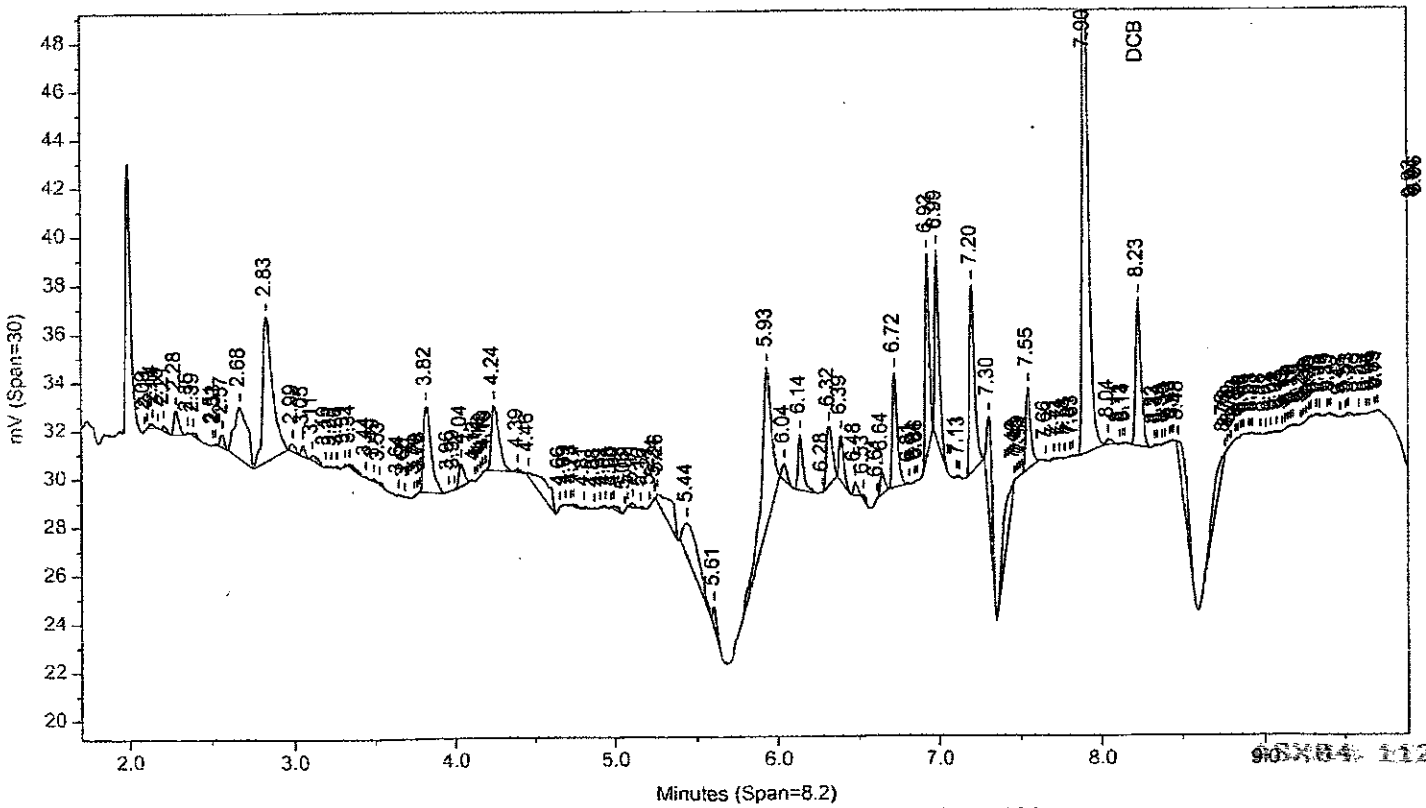

Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:30:36 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.429	2648	1.15834	DCB	8.227	6098	1.32596	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.40A
Area File: C:\CPWIN\DATA1\1P2235B.40A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:41:30 AM
File Reported On: 8/25/2008 at 11:41:39 AM

10X REPLOTS

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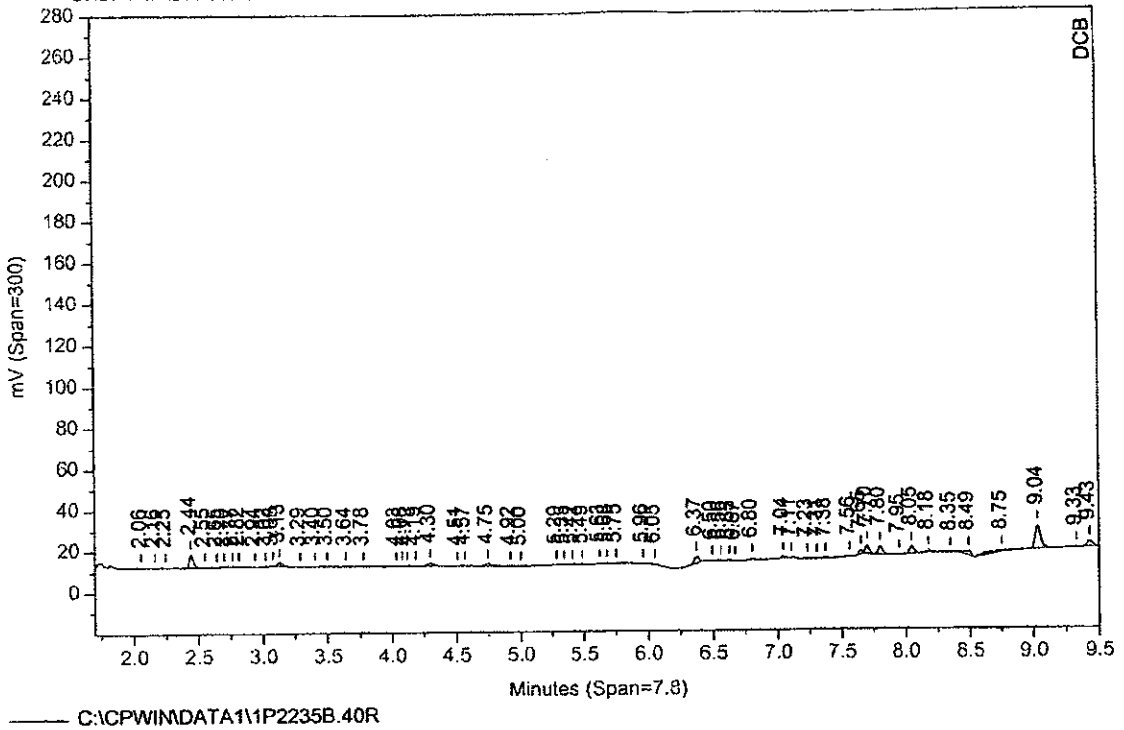

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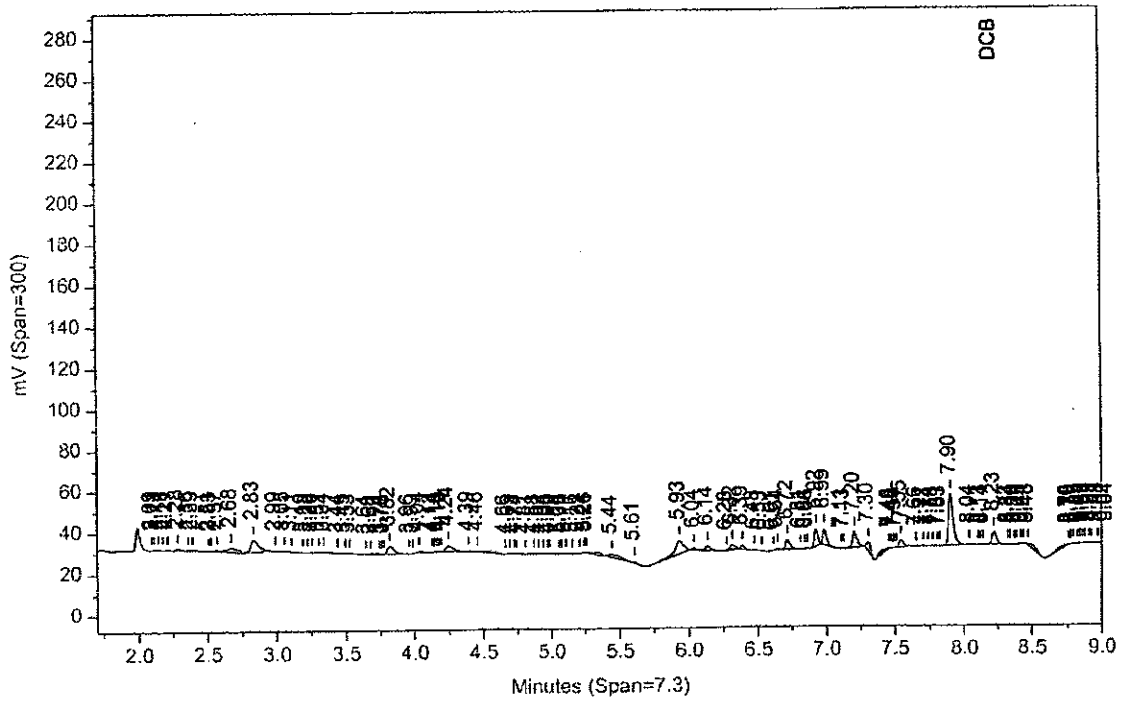

Sample Name: **IC16X0824A AAIC16XAA CCAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 09:55:03pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.41R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.059		0.0000	0.000	809.3	0.042	BB	0.040	336.10	0.041
2	2.159		0.0000	0.000	1351.0	0.070	BB	0.045	505.82	0.062
3	2.249		0.0000	0.000	876.0	0.046	BB	0.042	349.21	0.043
4	2.331		0.0000	0.000	1257.4	0.065	BB	0.042	502.44	0.062
5	2.441		0.0000	0.000	6277.0	0.327	BB	0.039	2709.43	0.332
6	2.532		0.0000	0.000	146.6	0.008	BB	0.040	60.94	0.007
7	2.601		0.0000	0.000	158.8	0.008	BB	0.036	74.18	0.009
8	2.716		0.0000	0.000	412.8	0.021	BB	0.049	139.59	0.017
9	2.809		0.0000	0.000	2290.0	0.119	BB	0.071	535.77	0.066
10	2.883		0.0000	0.000	78.0	0.004	BB	0.021	61.33	0.008
11	2.946		0.0000	0.000	842.4	0.044	BB	0.039	361.92	0.044
12	3.026		0.0000	0.000	1439.7	0.075	BB	0.031	762.97	0.094
13	3.082		0.0000	0.000	128.4	0.007	BB	0.028	77.58	0.010
14	3.203		0.0000	0.000	325.9	0.017	BB	0.018	301.50	0.037
15	3.354	TCX	42.7707	49.991	276823.5	14.417	BB	0.034	136384.00	16.715
16	3.492		0.0000	0.000	173.2	0.009	BB	0.027	107.24	0.013
17	3.539		0.0000	0.000	185.4	0.010	BB	0.024	130.25	0.016
18	3.595		0.0000	0.000	4165.9	0.217	BB	0.034	2023.45	0.248
19	3.684		0.0000	0.000	6897.3	0.359	BB	0.037	3097.10	0.380
20	3.762		0.0000	0.000	30442.8	1.585	BB	0.037	13837.87	1.696
21	3.874		0.0000	0.000	83.8	0.004	BB	0.014	98.03	0.012
22	3.913		0.0000	0.000	3495.2	0.182	BB	0.034	1731.31	0.212
23	4.024		0.0000	0.000	642.7	0.033	BB	0.029	375.63	0.046
24	4.112		0.0000	0.000	8538.7	0.445	BB	0.021	6630.07	0.813
25	4.129		0.0000	0.000	4210.1	0.219	BB	0.019	3641.36	0.446
26	4.244		0.0000	0.000	900.4	0.047	BB	0.021	727.90	0.089
27	4.297		0.0000	0.000	38709.6	2.016	BB	0.036	18107.78	2.219
28	4.420		0.0000	0.000	463.3	0.024	BB	0.024	324.69	0.040
29	4.494		0.0000	0.000	13610.1	0.709	BB	0.046	4880.39	0.598
30	4.585		0.0000	0.000	95170.4	4.957	BB	0.038	41219.56	5.052
31	4.648		0.0000	0.000	28324.3	1.475	BB	0.030	15885.18	1.947
32	4.740		0.0000	0.000	29654.6	1.544	BB	0.030	16225.42	1.989
33	4.803		0.0000	0.000	567.1	0.030	BB	0.017	553.69	0.068
34	4.854		0.0000	0.000	12550.7	0.654	BB	0.024	8681.20	1.064
35	4.897		0.0000	0.000	26648.0	1.388	BB	0.049	9150.62	1.121
36	5.043		0.0000	0.000	42648.7	2.221	BB	0.047	15222.79	1.866
37	5.126		0.0000	0.000	2340.8	0.122	BB	0.019	2099.88	0.257
38	5.177		0.0000	0.000	19209.9	1.000	BB	0.031	10384.75	1.273
39	5.235		0.0000	0.000	2356.1	0.123	BB	0.024	1662.73	0.204
40	5.328		0.0000	0.000	428.3	0.022	BB	0.025	284.84	0.035
41	5.363		0.0000	0.000	325.3	0.017	BB	0.021	255.50	0.031
42	5.420		0.0000	0.000	44783.2	2.332	BB	0.056	13263.04	1.625
43	5.591		0.0000	0.000	2414.8	0.126	BB	0.029	1388.85	0.170
44	5.650		0.0000	0.000	33015.4	1.719	BB	0.040	13870.64	1.700
45	5.754		0.0000	0.000	205.3	0.011	BB	0.020	171.76	0.021
46	5.845		0.0000	0.000	1014.2	0.053	BB	0.036	474.79	0.058
47	5.936		0.0000	0.000	14044.0	0.731	BB	0.040	5904.26	0.724
48	6.001		0.0000	0.000	11018.4	0.574	BB	0.029	6287.09	0.771
49	6.072		0.0000	0.000	44211.2	2.303	BB	0.050	14674.56	1.798
50	6.175		0.0000	0.000	71684.1	3.733	BB	0.038	31577.27	3.870
51	6.294		0.0000	0.000	7507.7	0.391	BB	0.035	3571.76	0.438
52	6.374		0.0000	0.000	15349.4	0.799	BB	0.030	8555.95	1.049
53	6.448		0.0000	0.000	86277.9	4.493	BB	0.038	38140.28	4.674
54	6.503		0.0000	0.000	2586.1	0.135	BB	0.018	2343.68	0.287
55	6.564		0.0000	0.000	31759.1	1.654	BB	0.036	14552.48	1.783
56	6.669		0.0000	0.000	2742.0	0.143	BB	0.024	1905.90	0.234
57	6.715		0.0000	0.000	95472.7	4.972	BB	0.038	42337.80	5.189
58	6.804		0.0000	0.000	30800.2	1.604	BB	0.028	18315.13	2.245
59	6.858		0.0000	0.000	15017.9	0.782	BB	0.028	9009.00	1.104
60	7.020		0.0000	0.000	64476.2	3.358	BB	0.043	24863.84	3.047
61	7.100		0.0000	0.000	18877.0	0.983	BB	0.029	10889.42	1.335
62	7.154		0.0000	0.000	5883.1	0.306	BB	0.025	3894.52	0.477

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.281		0.0000	0.000	14194.6	0.739	BB	0.036	6629.94	0.813
64	7.368		0.0000	0.000	140625.0	7.324	BB	0.042	56037.64	6.868
65	7.529		0.0000	0.000	135.1	0.007	BB	0.038	58.61	0.007
66	7.610		0.0000	0.000	45.2	0.002	BB	0.023	32.68	0.004
67	7.702		0.0000	0.000	69988.5	3.645	BB	0.037	31825.00	3.900
68	7.799		0.0000	0.000	15134.7	0.788	BB	0.037	6794.66	0.833
69	7.928		0.0000	0.000	25.2	0.001	BB	0.016	27.01	0.003
70	7.963		0.0000	0.000	100.2	0.005	BB	0.027	62.23	0.008
71	8.051		0.0000	0.000	2813.2	0.147	BB	0.045	1052.17	0.129
72	8.168		0.0000	0.000	620.7	0.032	BB	0.032	324.41	0.040
73	8.212		0.0000	0.000	11660.5	0.607	BB	0.038	5151.58	0.631
74	8.369		0.0000	0.000	89.9	0.005	BB	0.036	41.70	0.005
75	8.449		0.0000	0.000	150.4	0.008	BB	0.048	51.85	0.006
76	8.483		0.0000	0.000	558.7	0.029	BB	0.037	253.89	0.031
77	8.556		0.0000	0.000	24565.2	1.279	BB	0.041	10099.02	1.238
78	8.657		0.0000	0.000	1430.1	0.074	BB	0.039	616.62	0.076
79	8.755		0.0000	0.000	581.0	0.030	BB	0.044	221.95	0.027
80	8.837		0.0000	0.000	99.5	0.005	BB	0.028	59.85	0.007
81	8.880		0.0000	0.000	36.5	0.002	BB	0.021	28.58	0.004
82	9.038		0.0000	0.000	14836.9	0.773	BB	0.047	5226.65	0.641
83	9.238		0.0000	0.000	275.4	0.014	BB	0.060	77.05	0.009
84	9.302		0.0000	0.000	184.6	0.010	BB	0.048	63.78	0.008
85	9.429	DCB	42.7867	50.009	337017.7	17.552	BB	0.057	97822.54	11.989
86	9.662		0.0000	0.000	62.4	0.003	BB	0.021	49.40	0.006
87	9.914		0.0000	0.000	19765.7	1.029	BB	0.048	6857.60	0.840

Total Area = 1920096.0, Total Amount = 85.557, Total Height = 815960.4, Sample Units = ug/l

ASX04 1138

Sample Name: **IC16X0824A AAIC16XAA CCAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 09:55:03pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.41R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.137		0.0000	0.000	1027.2	0.032	BB	0.041	420.42	0.031
2	2.173		0.0000	0.000	849.4	0.027	BB	0.064	221.23	0.016
3	2.290		0.0000	0.000	1456.2	0.046	BB	0.043	566.22	0.041
4	2.351		0.0000	0.000	687.5	0.022	BB	0.053	216.28	0.016
5	2.485		0.0000	0.000	708.1	0.022	BB	0.031	384.16	0.028
6	2.579		0.0000	0.000	285.4	0.009	BB	0.021	224.74	0.016
7	2.666		0.0000	0.000	6128.1	0.192	BB	0.072	1418.97	0.103
8	2.723		0.0000	0.000	1628.6	0.051	BB	0.025	1097.77	0.080
9	2.891		0.0000	0.000	690.8	0.022	BB	0.022	519.48	0.038
10	2.929	TCX	40.2284	49.324	487518.5	15.253	BB	0.038	214309.80	15.559
11	3.114		0.0000	0.000	845.6	0.026	BB	0.027	521.29	0.038
12	3.184		0.0000	0.000	7564.9	0.237	BB	0.032	3885.32	0.282
13	3.276		0.0000	0.000	13139.7	0.411	BB	0.041	5342.40	0.388
14	3.357		0.0000	0.000	55614.3	1.740	BB	0.037	24998.63	1.815
15	3.531		0.0000	0.000	6779.5	0.212	BB	0.035	3202.17	0.232
16	3.614		0.0000	0.000	187.1	0.006	BB	0.020	152.84	0.011
17	3.690		0.0000	0.000	123185.1	3.854	BB	0.052	39239.98	2.849
18	3.832		0.0000	0.000	1963.7	0.061	BB	0.020	1620.23	0.118
19	3.873		0.0000	0.000	62545.0	1.957	BB	0.037	28355.09	2.059
20	4.002		0.0000	0.000	3336.7	0.104	BB	0.027	2033.04	0.148
21	4.024		0.0000	0.000	4904.4	0.153	BB	0.023	3583.23	0.260
22	4.119		0.0000	0.000	143303.4	4.483	BB	0.035	67934.05	4.932
23	4.176		0.0000	0.000	40921.6	1.280	BB	0.030	22751.94	1.652
24	4.297		0.0000	0.000	44154.9	1.381	BB	0.028	26730.70	1.941
25	4.353		0.0000	0.000	14336.9	0.449	BB	0.022	10775.57	0.782
26	4.388		0.0000	0.000	40517.2	1.268	BB	0.039	17133.19	1.244
27	4.557		0.0000	0.000	94036.2	2.942	BB	0.054	29217.04	2.121
28	4.699		0.0000	0.000	38886.4	1.217	BB	0.036	18082.75	1.313
29	4.764		0.0000	0.000	6746.3	0.211	BB	0.027	4150.82	0.301
30	4.834		0.0000	0.000	131.2	0.004	BB	0.015	145.85	0.011
31	4.870		0.0000	0.000	1356.4	0.042	BB	0.019	1184.09	0.086
32	4.908		0.0000	0.000	50948.1	1.594	BB	0.039	21504.55	1.561
33	5.004		0.0000	0.000	2605.5	0.082	BB	0.023	1859.37	0.135
34	5.060		0.0000	0.000	60220.3	1.884	BB	0.044	22564.23	1.638
35	5.223		0.0000	0.000	361.3	0.011	BB	0.019	317.57	0.023
36	5.276		0.0000	0.000	2047.6	0.064	BB	0.032	1072.88	0.078
37	5.358		0.0000	0.000	9901.9	0.310	BB	0.025	6658.53	0.483
38	5.467		0.0000	0.000	48848.1	1.528	BB	0.041	19693.28	1.430
39	5.503		0.0000	0.000	5514.6	0.173	BB	0.022	4148.16	0.301
40	5.584		0.0000	0.000	114309.5	3.576	BB	0.038	50431.14	3.661
41	5.677		0.0000	0.000	1579.0	0.049	BB	0.017	1564.71	0.114
42	5.716		0.0000	0.000	14780.2	0.462	BB	0.027	9087.62	0.660
43	5.776		0.0000	0.000	136155.8	4.260	BB	0.038	59202.38	4.298
44	5.920		0.0000	0.000	127126.6	3.977	BB	0.038	55812.13	4.052
45	5.988		0.0000	0.000	2520.8	0.079	BB	0.017	2425.19	0.176
46	6.044		0.0000	0.000	14840.0	0.464	BB	0.024	10266.12	0.745
47	6.094		0.0000	0.000	73253.5	2.292	BB	0.027	45308.86	3.289
48	6.135		0.0000	0.000	23148.5	0.724	BB	0.021	18182.96	1.320
49	6.187		0.0000	0.000	19416.5	0.607	BB	0.025	12964.57	0.941
50	6.320		0.0000	0.000	15182.2	0.475	BB	0.035	7294.32	0.530
51	6.391		0.0000	0.000	97323.6	3.045	BB	0.040	40921.35	2.971
52	6.487		0.0000	0.000	27570.0	0.863	BB	0.026	17437.74	1.266
53	6.531		0.0000	0.000	4598.8	0.144	BB	0.018	4349.88	0.316
54	6.565		0.0000	0.000	4212.8	0.132	BB	0.018	3859.48	0.280
55	6.641		0.0000	0.000	206939.6	6.474	BB	0.038	89987.64	6.533
56	6.735		0.0000	0.000	1443.1	0.045	BB	0.018	1306.57	0.095
57	6.926		0.0000	0.000	27656.0	0.865	BB	0.028	16602.96	1.205
58	6.984		0.0000	0.000	149929.9	4.691	BB	0.038	65716.60	4.771
59	7.146		0.0000	0.000	200.0	0.006	BB	0.024	138.62	0.010
60	7.204		0.0000	0.000	3339.0	0.104	BB	0.028	1956.78	0.142
61	7.264		0.0000	0.000	16443.4	0.514	BB	0.091	3004.05	0.218
62	7.383		0.0000	0.000	30281.0	0.947	BB	0.044	11499.38	0.835

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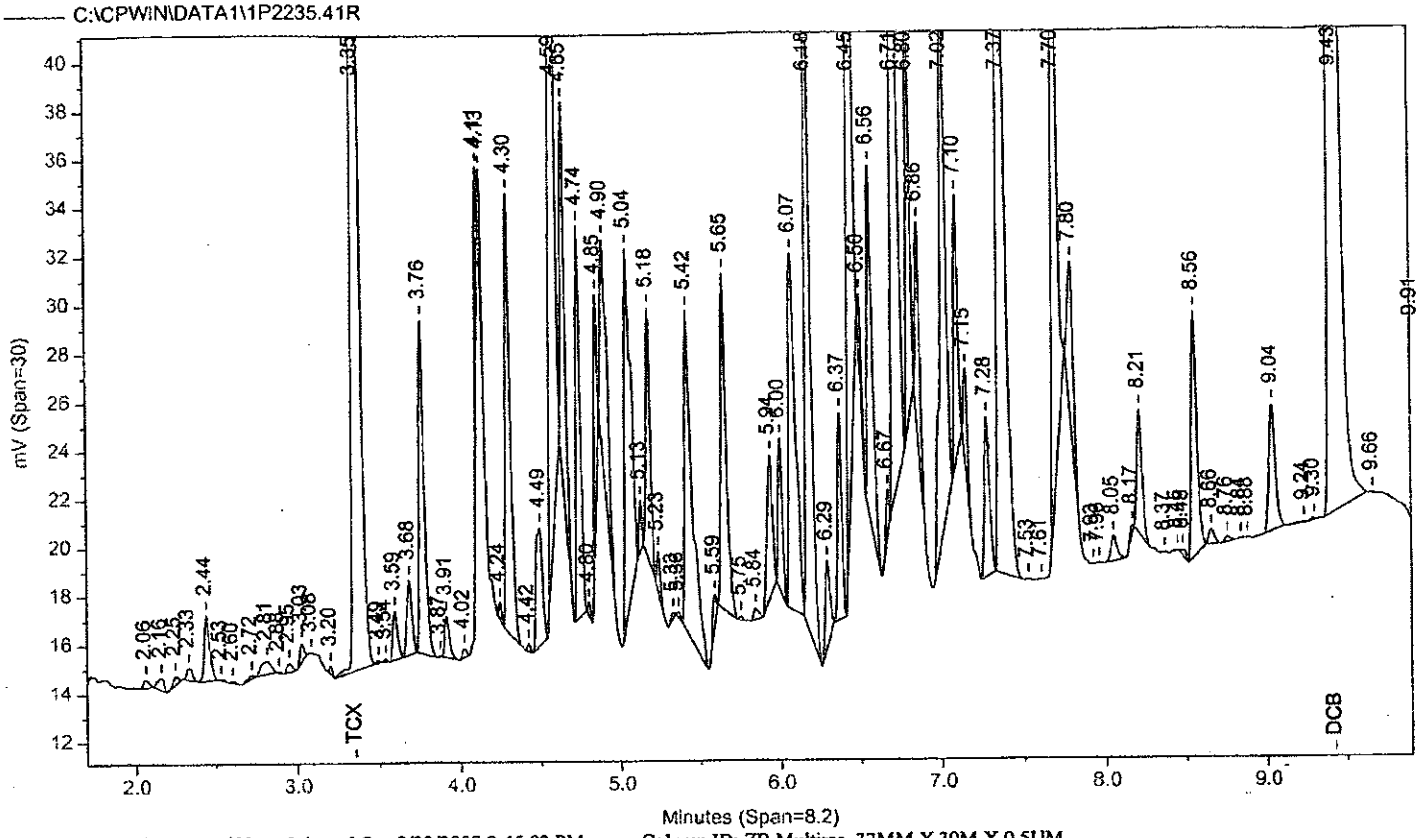
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.550		0.0000	0.000	71745.1	2.245	BB	0.043	27820.80	2.020
64	7.720		0.0000	0.000	197.7	0.006	BB	0.027	122.29	0.009
65	7.773		0.0000	0.000	283.9	0.009	BB	0.037	127.40	0.009
66	7.848		0.0000	0.000	139.5	0.004	BB	0.025	94.52	0.007
67	7.909		0.0000	0.000	28670.3	0.897	BB	0.041	11793.60	0.856
68	8.052		0.0000	0.000	559.6	0.018	BB	0.038	246.17	0.018
69	8.153		0.0000	0.000	237.8	0.007	BB	0.023	175.85	0.013
70	8.231	DCB	41.3319	50.676	561157.6	17.557	BB	0.049	190097.00	13.801
71	8.438		0.0000	0.000	140.8	0.004	BB	0.021	112.48	0.008
72	8.486		0.0000	0.000	199.2	0.006	BB	0.017	192.15	0.014
73	8.603		0.0000	0.000	795.7	0.025	BB	0.049	272.73	0.020
74	8.654		0.0000	0.000	422.1	0.013	BB	0.058	121.57	0.009
75	8.755		0.0000	0.000	279.6	0.009	BB	0.027	172.23	0.013
76	8.805		0.0000	0.000	197.5	0.006	BB	0.024	134.92	0.010
77	8.854		0.0000	0.000	617.8	0.019	BB	0.055	186.62	0.014
78	9.037		0.0000	0.000	225.9	0.007	BB	0.034	112.21	0.008
79	9.072		0.0000	0.000	161.7	0.005	BB	0.025	107.32	0.008
80	9.137		0.0000	0.000	41.7	0.001	BB	0.010	72.65	0.005
81	9.187		0.0000	0.000	205.8	0.006	BB	0.035	97.14	0.007
82	9.237		0.0000	0.000	160.7	0.005	BB	0.033	81.53	0.006
83	9.304		0.0000	0.000	123.6	0.004	BB	0.017	118.86	0.009
84	9.354		0.0000	0.000	250.5	0.008	BB	0.026	162.56	0.012
85	9.406		0.0000	0.000	181.6	0.006	BB	0.028	108.75	0.008
86	9.454		0.0000	0.000	55.7	0.002	BB	0.019	49.05	0.004
87	9.504		0.0000	0.000	24.7	0.001	BB	0.008	51.02	0.004
88	9.538		0.0000	0.000	347.1	0.011	BB	0.035	166.88	0.012
89	9.619		0.0000	0.000	188.5	0.006	BB	0.030	104.02	0.008
90	9.654		0.0000	0.000	34.7	0.001	BB	0.009	65.82	0.005
91	9.671		0.0000	0.000	154.9	0.005	BB	0.019	135.43	0.010
92	9.720		0.0000	0.000	3809.9	0.119	BB	0.342	185.48	0.013
93	9.936		0.0000	0.000	26518.1	0.830	BB	0.067	6595.05	0.479

Total Area = 3196263.0, Total Amount = 81.56, Total Height = 1377443.0, Sample Units = ug/l

ASX84 1132

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.41R

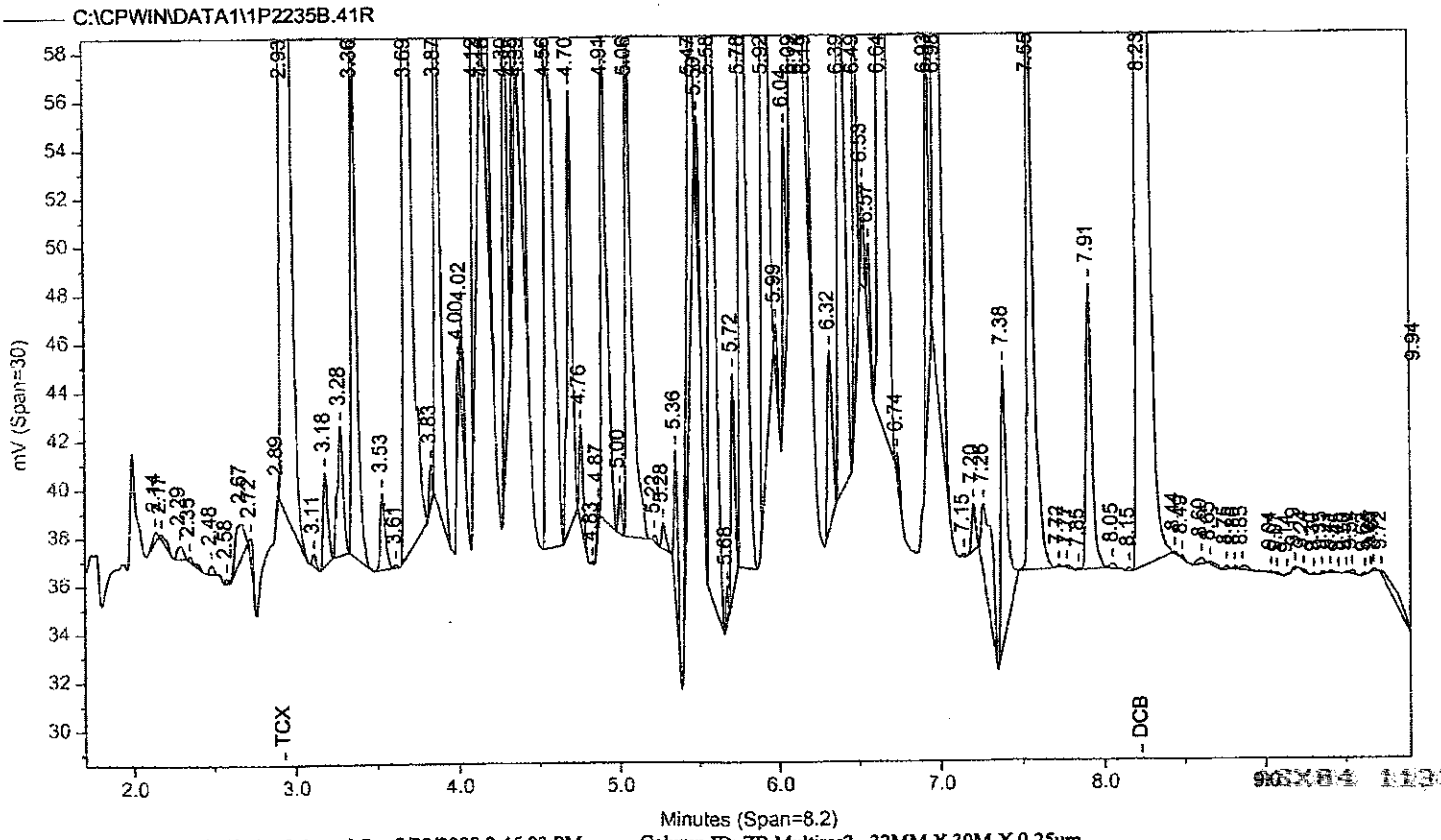
C:\CPWIN\DATA1\1P2235.41R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 9:45:03 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.41R

C:\CPWIN\DATA1\1P2235B.41R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:45:03 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	136384	42.77074	TCX	2.929	214310	40.22839	TCX
9.429	97823	42.78667	DCB	8.231	190097	41.33189	DCB

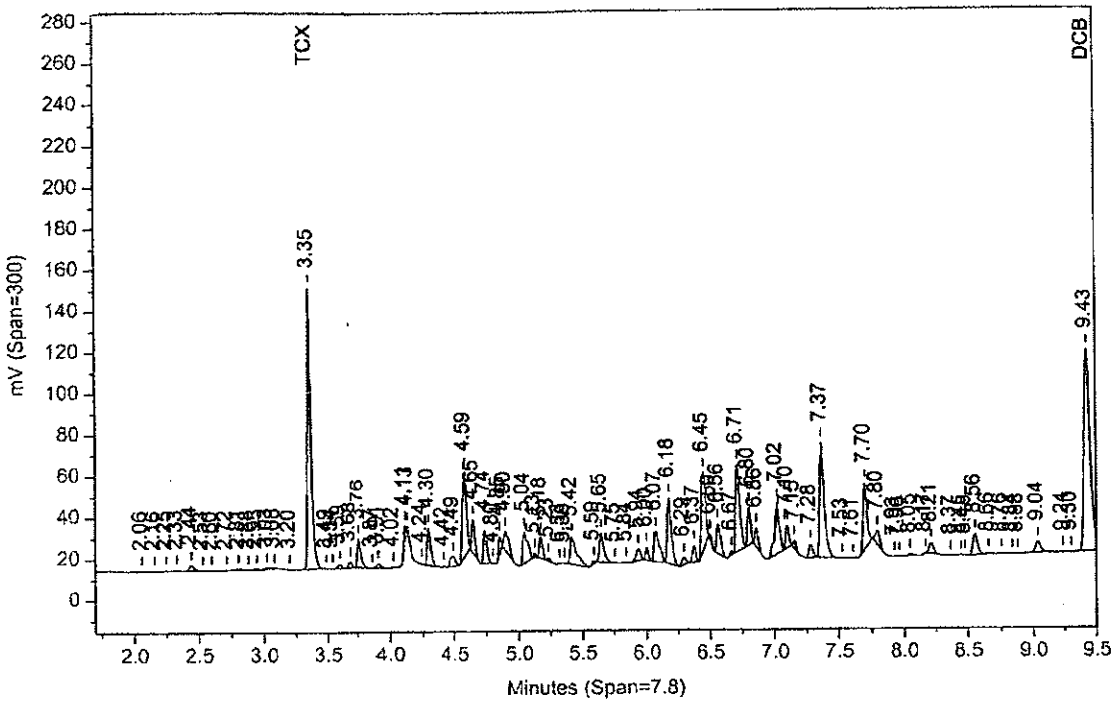
Files:
Area File: C:\CPWIN\DATA1\1P2235.41A
Area File: C:\CPWIN\DATA1\1P2235B.41A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:41:50 AM
File Reported On: 8/25/2008 at 11:41:58 AM

10X REPLOTS

ASX84 1134

ASX04[illegible]135

C:\CPWIN\DATA1\1P2235.41R



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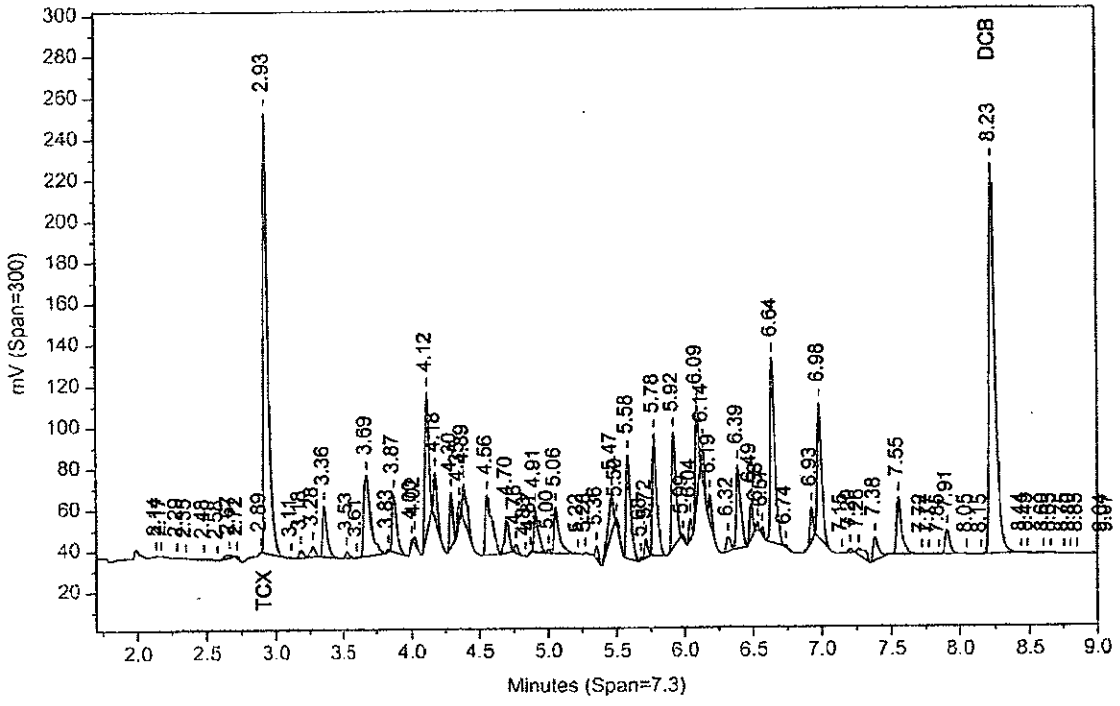

Sample Name: **IC48X0824B AMIC48XAM CCAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 10:09:28pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.42R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.054		0.0000	0.000	96.1	0.008	BB	0.041	38.86	0.008
2	2.161		0.0000	0.000	609.7	0.054	BB	0.039	259.57	0.056
3	2.252		0.0000	0.000	583.7	0.051	BB	0.053	183.82	0.040
4	2.330		0.0000	0.000	934.4	0.082	BB	0.036	438.26	0.095
5	2.441		0.0000	0.000	1362.5	0.120	BB	0.050	456.58	0.099
6	2.601		0.0000	0.000	114.6	0.010	BB	0.036	52.79	0.011
7	2.710		0.0000	0.000	421.7	0.037	BB	0.050	139.28	0.030
8	2.810		0.0000	0.000	770.4	0.068	BB	0.078	165.38	0.036
9	2.952		0.0000	0.000	246.9	0.022	BB	0.046	90.33	0.019
10	3.028		0.0000	0.000	254.7	0.022	BB	0.029	144.10	0.031
11	3.081		0.0000	0.000	77.3	0.007	BB	0.025	51.16	0.011
12	3.125		0.0000	0.000	2228.4	0.196	BB	0.081	459.77	0.099
13	3.354	TCX	41.6453	50.211	269129.2	23.661	BB	0.034	132795.30	28.659
14	3.535		0.0000	0.000	48.3	0.004	BB	0.019	41.56	0.009
15	3.595		0.0000	0.000	148.8	0.013	BB	0.028	89.05	0.019
16	3.670		0.0000	0.000	3134.3	0.276	BB	0.035	1476.20	0.319
17	3.762		0.0000	0.000	3531.7	0.310	BB	0.038	1562.13	0.337
18	3.876		0.0000	0.000	114.5	0.010	BB	0.019	100.96	0.022
19	3.913		0.0000	0.000	653.9	0.057	BB	0.029	370.08	0.080
20	4.029		0.0000	0.000	130.6	0.011	BB	0.032	67.37	0.015
21	4.113		0.0000	0.000	30094.1	2.646	BB	0.056	8898.04	1.920
22	4.297		0.0000	0.000	15068.7	1.325	BB	0.037	6777.60	1.463
23	4.382		0.0000	0.000	116.2	0.010	BB	0.018	109.62	0.024
24	4.479		0.0000	0.000	3194.5	0.281	BB	0.043	1236.29	0.267
25	4.585		0.0000	0.000	48554.1	4.269	BB	0.041	19716.87	4.255
26	4.647		0.0000	0.000	8920.9	0.784	BB	0.029	5147.75	1.111
27	4.739		0.0000	0.000	16002.0	1.407	BB	0.031	8519.27	1.839
28	4.802		0.0000	0.000	742.9	0.065	BB	0.019	647.04	0.140
29	4.851		0.0000	0.000	16615.1	1.461	BB	0.023	11894.57	2.567
30	4.893		0.0000	0.000	27764.0	2.441	BB	0.047	9885.34	2.133
31	5.041		0.0000	0.000	54206.7	4.766	BB	0.044	20644.07	4.455
32	5.124		0.0000	0.000	3805.6	0.335	BB	0.020	3206.63	0.692
33	5.175		0.0000	0.000	25425.2	2.235	BB	0.030	14159.55	3.056
34	5.233		0.0000	0.000	5165.1	0.454	BB	0.025	3419.07	0.738
35	5.307		0.0000	0.000	343.7	0.030	BB	0.022	263.31	0.057
36	5.367		0.0000	0.000	1545.4	0.136	BB	0.024	1083.65	0.234
37	5.417		0.0000	0.000	6978.7	0.614	BB	0.023	5007.41	1.081
38	5.444		0.0000	0.000	9709.8	0.854	BB	0.017	9306.12	2.008
39	5.476		0.0000	0.000	17542.2	1.542	BB	0.023	12700.30	2.741
40	5.585		0.0000	0.000	1135.8	0.100	BB	0.024	793.21	0.171
41	5.652		0.0000	0.000	83569.9	7.347	BB	0.066	21165.96	4.568
42	5.782		0.0000	0.000	1085.6	0.095	BB	0.025	731.70	0.158
43	5.843		0.0000	0.000	9924.9	0.873	BB	0.032	5095.35	1.100
44	5.915		0.0000	0.000	8131.3	0.715	BB	0.025	5512.71	1.190
45	5.954		0.0000	0.000	2577.1	0.227	BB	0.018	2336.69	0.504
46	5.999		0.0000	0.000	21359.2	1.878	BB	0.031	11543.28	2.491
47	6.113		0.0000	0.000	8905.9	0.783	BB	0.031	4828.52	1.042
48	6.176		0.0000	0.000	1089.1	0.096	BB	0.032	575.56	0.124
49	6.239		0.0000	0.000	1073.1	0.094	BB	0.024	760.52	0.164
50	6.295		0.0000	0.000	17599.9	1.547	BB	0.033	8847.08	1.909
51	6.376		0.0000	0.000	6605.9	0.581	BB	0.039	2789.47	0.602
52	6.456		0.0000	0.000	3492.2	0.307	BB	0.041	1418.74	0.306
53	6.555		0.0000	0.000	17843.6	1.569	BB	0.035	8487.20	1.832
54	6.663		0.0000	0.000	181.6	0.016	BB	0.026	116.79	0.025
55	6.714		0.0000	0.000	6076.1	0.534	BB	0.043	2338.24	0.505
56	6.857		0.0000	0.000	204.5	0.018	BB	0.031	108.63	0.023
57	6.909		0.0000	0.000	45.1	0.004	BB	0.025	30.16	0.007
58	6.992		0.0000	0.000	2361.1	0.208	BB	0.047	834.45	0.180
59	7.097		0.0000	0.000	1738.7	0.153	BB	0.048	609.64	0.132
60	7.176		0.0000	0.000	160.4	0.014	BB	0.054	49.62	0.011
61	7.278		0.0000	0.000	377.0	0.033	BB	0.026	244.57	0.053
62	7.329		0.0000	0.000	80.2	0.007	BB	0.031	43.66	0.009

ASX04 1137

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.367		0.0000	0.000	191.3	0.017	BB	0.025	130.05	0.028
64	7.525		0.0000	0.000	379.4	0.033	BB	0.110	57.63	0.012
65	7.593		0.0000	0.000	83.8	0.007	BB	0.042	32.95	0.007
66	7.667		0.0000	0.000	238.8	0.021	BB	0.056	70.92	0.015
67	7.706		0.0000	0.000	391.0	0.034	BB	0.032	202.48	0.044
68	7.767		0.0000	0.000	29.4	0.003	BB	0.023	20.93	0.005
69	7.808		0.0000	0.000	20.7	0.002	BB	0.017	20.82	0.004
70	7.948		0.0000	0.000	758.8	0.067	BB	0.100	125.89	0.027
71	8.044		0.0000	0.000	820.5	0.072	BB	0.047	292.10	0.063
72	8.173		0.0000	0.000	132.0	0.012	BB	0.055	39.80	0.009
73	8.350		0.0000	0.000	1599.7	0.141	BB	0.153	174.36	0.038
74	8.501		0.0000	0.000	1799.3	0.158	BB	0.050	604.60	0.130
75	9.036		0.0000	0.000	13277.2	1.167	BB	0.205	1078.61	0.233
76	9.212		0.0000	0.000	362.2	0.032	BB	0.078	77.80	0.017
77	9.320		0.0000	0.000	349.9	0.031	BB	0.061	96.21	0.021
78	9.428	DCB	41.2947	49.789	323961.6	28.482	BB	0.057	94411.41	20.375
79	9.639		0.0000	0.000	42.5	0.004	BB	0.024	30.11	0.006
80	9.755		0.0000	0.000	107.5	0.009	BB	0.050	35.81	0.008
81	9.935		0.0000	0.000	20880.1	1.836	BB	0.070	4991.52	1.077

Total Area = 1137430.0, Total Amount = 82.94, Total Height = 463360.9, Sample Units = ug/l

6SX04 1138

Sample Name: **IC48X0824B AMIC48XAM CCAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 10:09:28pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.42R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	1158.4	0.063	BB	0.032	602.05	0.073
2	2.137		0.0000	0.000	251.7	0.014	BB	0.032	132.11	0.016
3	2.171		0.0000	0.000	763.9	0.041	BB	0.046	274.70	0.034
4	2.302		0.0000	0.000	1370.6	0.074	BB	0.096	238.76	0.029
5	2.486		0.0000	0.000	1796.9	0.097	BB	0.076	391.56	0.048
6	2.604		0.0000	0.000	162.8	0.009	BB	0.024	112.30	0.014
7	2.637		0.0000	0.000	13553.4	0.732	BB	0.206	1098.08	0.134
8	2.836		0.0000	0.000	8029.0	0.434	BB	0.078	1725.21	0.211
9	2.887		0.0000	0.000	63.9	0.003	BB	0.012	92.58	0.011
10	2.929	TCX	40.6379	50.510	476055.4	25.710	BB	0.037	216491.40	26.426
11	3.119		0.0000	0.000	509.8	0.028	BB	0.036	234.77	0.029
12	3.180		0.0000	0.000	493.2	0.027	BB	0.030	271.92	0.033
13	3.253		0.0000	0.000	5702.2	0.308	BB	0.032	2946.37	0.360
14	3.355		0.0000	0.000	6546.0	0.354	BB	0.034	3223.35	0.393
15	3.428		0.0000	0.000	459.9	0.025	BB	0.021	357.06	0.044
16	3.503		0.0000	0.000	35.6	0.002	BB	0.014	43.11	0.005
17	3.531		0.0000	0.000	1752.9	0.095	BB	0.034	857.38	0.105
18	3.620		0.0000	0.000	130.5	0.007	BB	0.021	101.82	0.012
19	3.686		0.0000	0.000	49647.7	2.681	BB	0.048	17149.16	2.093
20	3.820		0.0000	0.000	1781.5	0.096	BB	0.034	884.38	0.108
21	3.871		0.0000	0.000	22222.0	1.200	BB	0.035	10533.98	1.286
22	3.969		0.0000	0.000	195.2	0.011	BB	0.017	196.66	0.024
23	4.002		0.0000	0.000	5915.0	0.319	BB	0.043	2290.16	0.280
24	4.117		0.0000	0.000	74579.7	4.028	BB	0.035	35053.19	4.279
25	4.173		0.0000	0.000	11848.7	0.640	BB	0.026	7581.93	0.925
26	4.295		0.0000	0.000	22231.7	1.201	BB	0.027	13777.43	1.682
27	4.351		0.0000	0.000	22238.0	1.201	BB	0.022	16849.61	2.057
28	4.386		0.0000	0.000	45742.9	2.470	BB	0.038	20065.19	2.449
29	4.556		0.0000	0.000	78277.9	4.227	BB	0.038	34337.74	4.191
30	4.620		0.0000	0.000	4457.3	0.241	BB	0.018	4055.72	0.495
31	4.696		0.0000	0.000	48073.6	2.596	BB	0.032	24864.80	3.035
32	4.762		0.0000	0.000	12451.2	0.672	BB	0.027	7801.27	0.952
33	4.833		0.0000	0.000	841.3	0.045	BB	0.022	650.57	0.079
34	4.868		0.0000	0.000	12934.0	0.699	BB	0.022	9640.83	1.177
35	4.904		0.0000	0.000	36314.3	1.961	BB	0.021	28726.55	3.507
36	4.938		0.0000	0.000	27906.5	1.507	BB	0.022	21324.96	2.603
37	5.056		0.0000	0.000	16414.3	0.886	BB	0.025	10864.34	1.326
38	5.108		0.0000	0.000	27290.2	1.474	BB	0.026	17821.94	2.175
39	5.145		0.0000	0.000	9549.1	0.516	BB	0.021	7643.17	0.933
40	5.221		0.0000	0.000	1106.0	0.060	BB	0.020	904.52	0.110
41	5.274		0.0000	0.000	18188.5	0.982	BB	0.034	9011.39	1.100
42	5.358		0.0000	0.000	20545.9	1.110	BB	0.025	13474.24	1.645
43	5.404		0.0000	0.000	5208.4	0.281	BB	0.019	4595.95	0.561
44	5.445		0.0000	0.000	38424.3	2.075	BB	0.031	20858.90	2.546
45	5.580		0.0000	0.000	22220.8	1.200	BB	0.038	9693.27	1.183
46	5.675		0.0000	0.000	31182.0	1.684	BB	0.033	15542.21	1.897
47	5.803		0.0000	0.000	5468.5	0.295	BB	0.051	1772.33	0.216
48	5.927		0.0000	0.000	11964.7	0.646	BB	0.040	4956.73	0.605
49	5.981		0.0000	0.000	24343.3	1.315	BB	0.030	13497.98	1.648
50	6.091		0.0000	0.000	9094.4	0.491	BB	0.041	3729.13	0.455
51	6.253		0.0000	0.000	92.2	0.005	BB	0.023	68.13	0.008
52	6.314		0.0000	0.000	2866.0	0.155	BB	0.052	925.24	0.113
53	6.419		0.0000	0.000	2570.8	0.139	BB	0.032	1321.06	0.161
54	6.546		0.0000	0.000	222.2	0.012	BB	0.037	99.25	0.012
55	6.605		0.0000	0.000	2921.8	0.158	BB	0.060	811.33	0.099
56	6.719		0.0000	0.000	1026.0	0.055	BB	0.041	417.30	0.051
57	6.836		0.0000	0.000	846.4	0.046	BB	0.047	300.35	0.037
58	6.920		0.0000	0.000	55.4	0.003	BB	0.016	59.45	0.007
59	6.953		0.0000	0.000	23.5	0.001	BB	0.009	41.32	0.005
60	6.980		0.0000	0.000	812.0	0.044	BB	0.034	402.37	0.049
61	7.103		0.0000	0.000	412.3	0.022	BB	0.049	138.99	0.017
62	7.187		0.0000	0.000	39.2	0.002	BB	0.012	54.73	0.007

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.219		0.0000	0.000	150.2	0.008	BB	0.021	121.68	0.015
64	7.303		0.0000	0.000	3662.8	0.198	BB	0.054	1133.98	0.138
65	7.447		0.0000	0.000	3823.1	0.206	BB	0.102	623.71	0.076
66	7.553		0.0000	0.000	814.3	0.044	BB	0.061	221.03	0.027
67	7.653		0.0000	0.000	58.2	0.003	BB	0.032	30.61	0.004
68	7.702		0.0000	0.000	1197.7	0.065	BB	0.076	262.86	0.032
69	7.906		0.0000	0.000	5845.3	0.316	BB	0.045	2141.99	0.261
70	8.053		0.0000	0.000	868.6	0.047	BB	0.043	340.52	0.042
71	8.153		0.0000	0.000	221.9	0.012	BB	0.030	124.28	0.015
72	8.228	DCB	39.8178	49.490	557171.5	30.091	BB	0.051	183133.10	22.354
73	8.669		0.0000	0.000	111.7	0.006	BB	0.028	67.08	0.008
74	8.753		0.0000	0.000	19.1	0.001	BB	0.008	39.11	0.005
75	8.771		0.0000	0.000	81.7	0.004	BB	0.019	71.04	0.009
76	8.819		0.0000	0.000	41.4	0.002	BB	0.013	51.89	0.006
77	9.004		0.0000	0.000	93.8	0.005	BB	0.025	63.79	0.008
78	9.047		0.0000	0.000	213.9	0.012	BB	0.029	123.27	0.015
79	9.137		0.0000	0.000	25.0	0.001	BB	0.007	58.44	0.007
80	9.187		0.0000	0.000	685.8	0.037	BB	0.058	197.95	0.024
81	9.281		0.0000	0.000	183.9	0.010	BB	0.035	88.67	0.011
82	9.387		0.0000	0.000	21.7	0.001	BB	0.009	41.51	0.005
83	9.419		0.0000	0.000	93.9	0.005	BB	0.028	55.70	0.007
84	9.531		0.0000	0.000	283.9	0.015	BB	0.036	130.43	0.016
85	9.621		0.0000	0.000	16.1	0.001	BB	0.007	38.98	0.005
86	9.669		0.0000	0.000	84.8	0.005	BB	0.033	42.84	0.005
87	9.703		0.0000	0.000	6410.5	0.346	BB	0.237	450.77	0.055
88	9.936		0.0000	0.000	20074.3	1.084	BB	0.060	5589.98	0.682

Total Area = 1851638.0, Total Amount = 80.456, Total Height = 819229.6, Sample Units = ug/l

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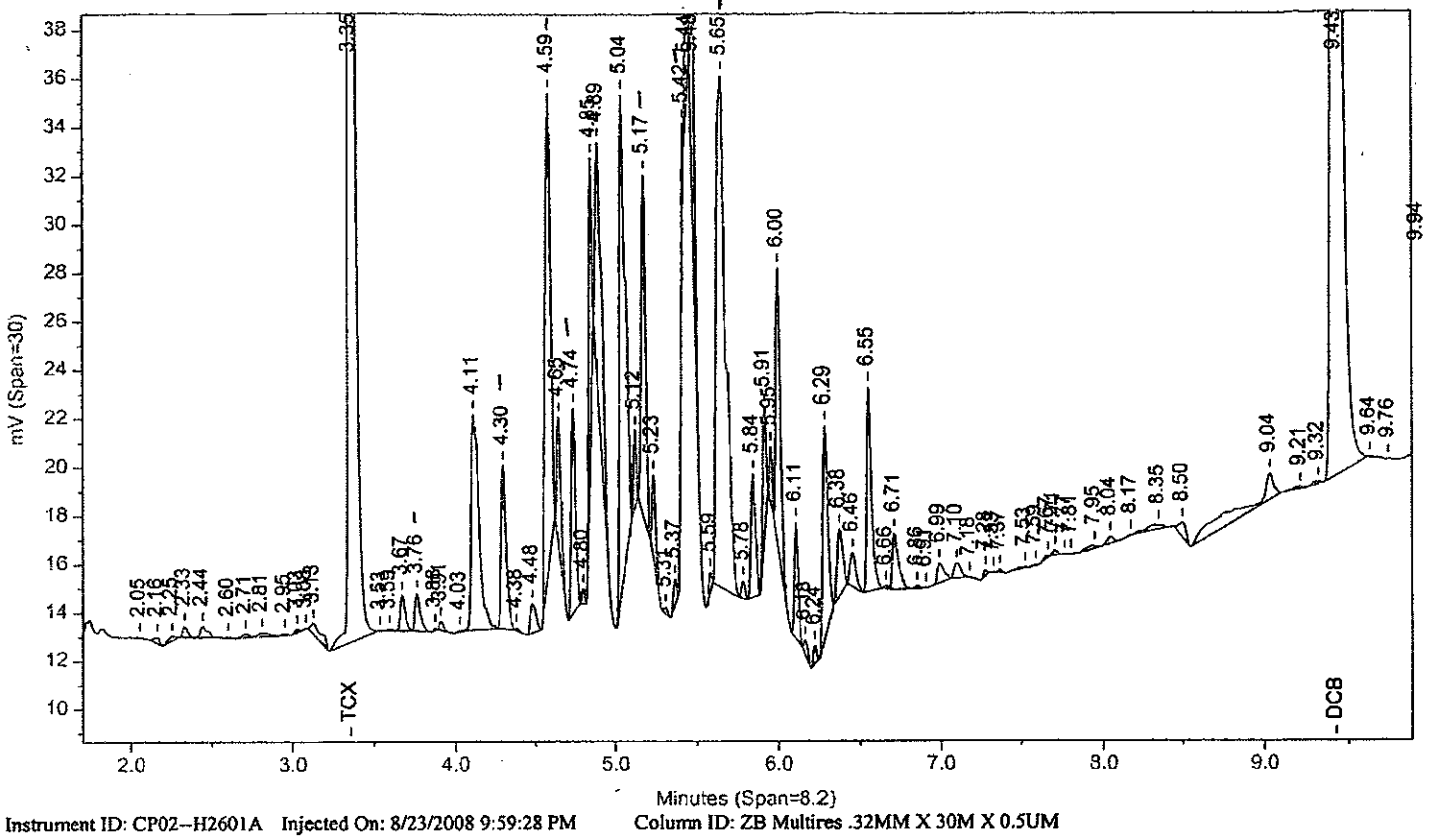
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.42R

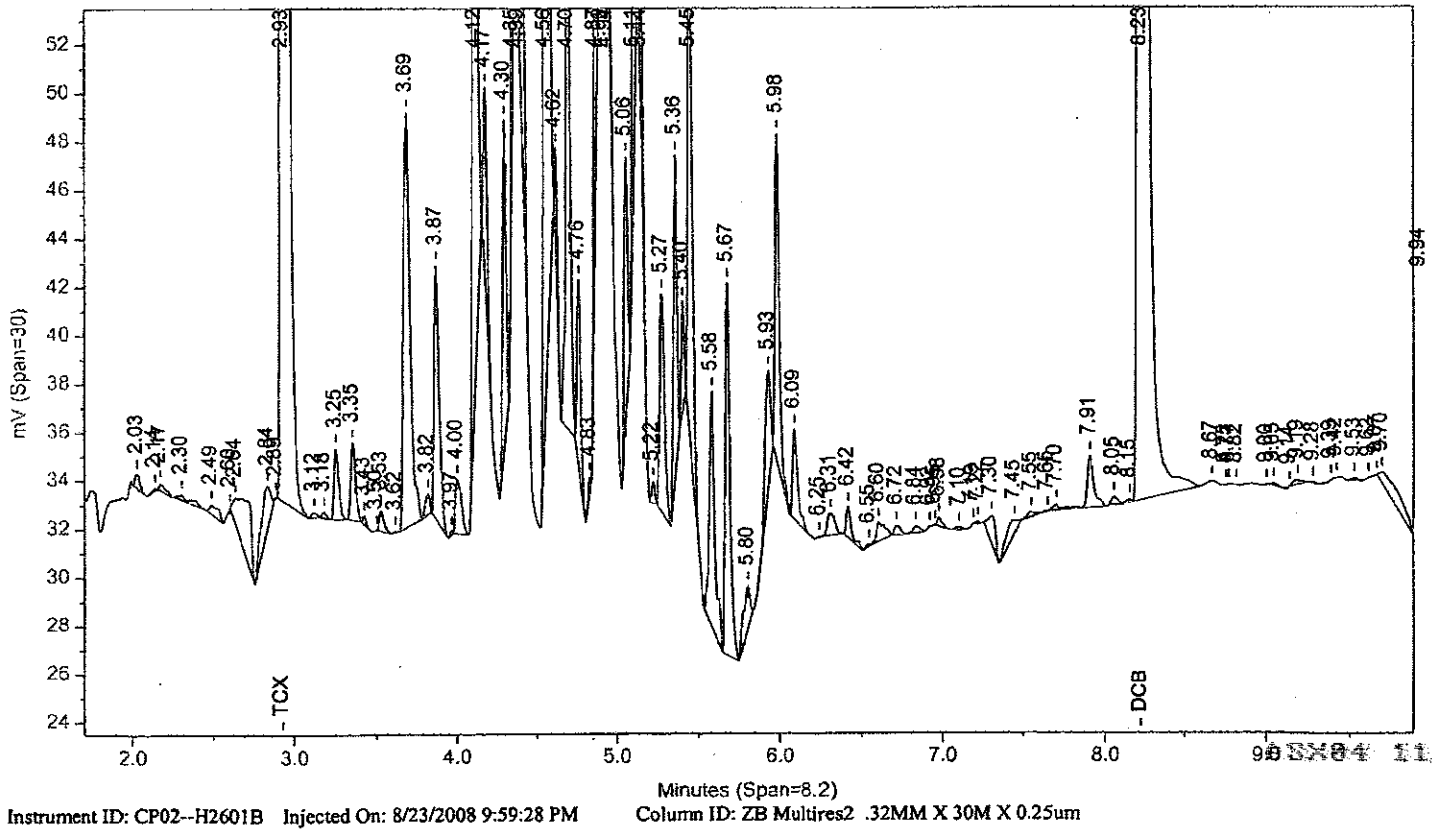
C:\CPWIN\DATA1\1P2235.42R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 9:59:28 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.42R

C:\CPWIN\DATA1\1P2235B.42R



Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:59:28 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

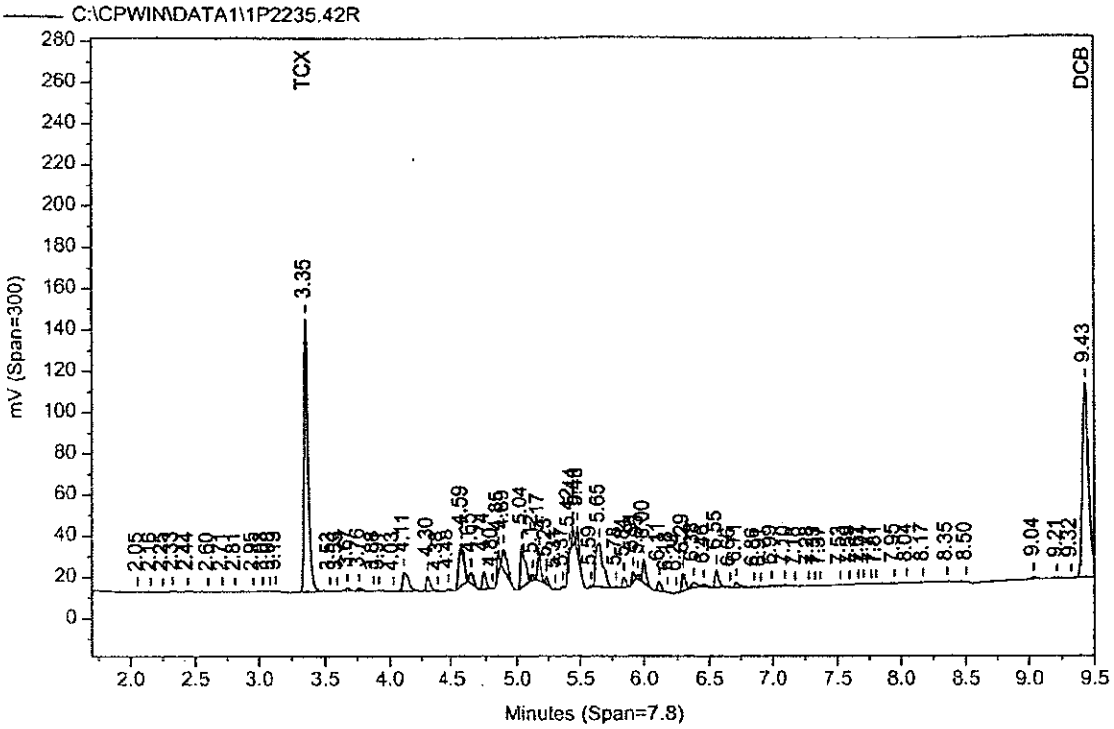
Sample Weight: 1
Analyst: 2280

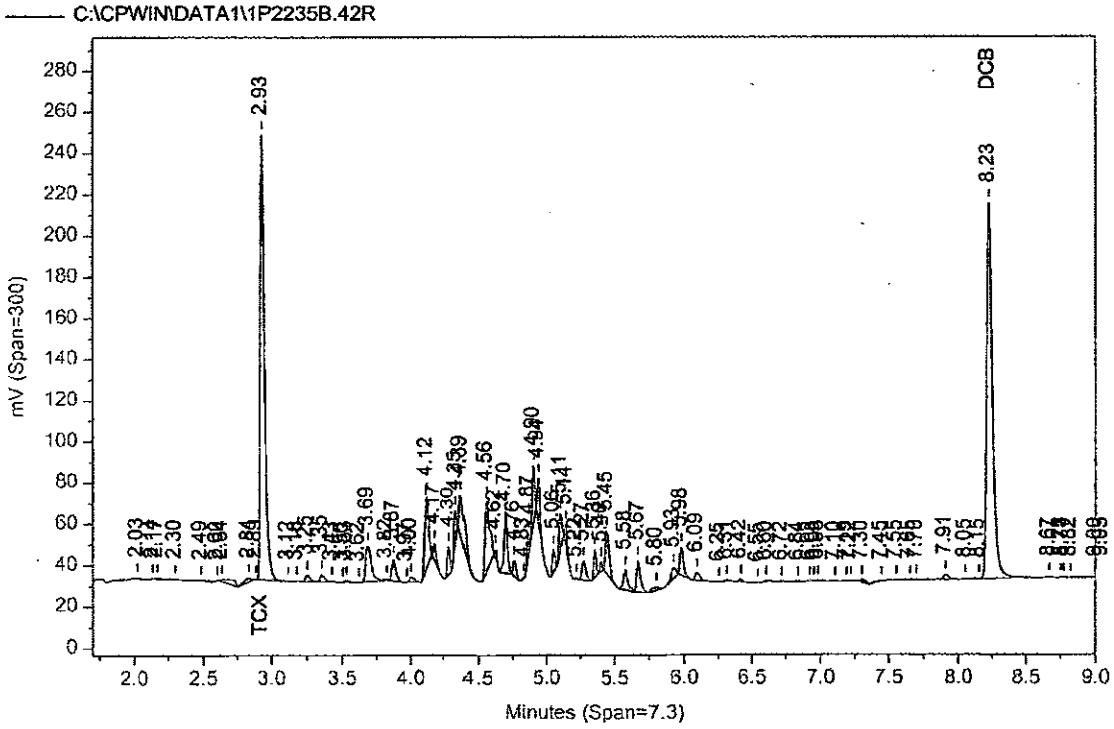
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	132795	41.64532	TCX	2.929	216491	40.63791	TCX
9.428	94411	41.29467	DCB	8.228	183133	39.81778	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.42A
Area File: C:\CPWIN\DATA1\1P2235B.42A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:42:08 AM
File Reported On: 8/25/2008 at 11:42:17 AM

10X REPLOTS


C:\CPWIN\DATA1\1P2235.42R
TCX
DCB
3.35
9.43
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\1P2235B.42R
TCX
DCB
2.93
8.23
mV (Span=300)
Minutes (Span=7.3)

Sample Name: **IC54X0824B AAIC54XAA CCAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 10:23:53pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.43R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.061		0.0000	0.000	97.6	0.007	BB	0.050	32.48	0.005
2	2.162		0.0000	0.000	622.8	0.042	BB	0.034	303.04	0.051
3	2.247		0.0000	0.000	302.9	0.020	BB	0.046	110.68	0.018
4	2.299		0.0000	0.000	256.6	0.017	BB	0.031	138.85	0.023
5	2.327		0.0000	0.000	464.6	0.031	BB	0.028	281.54	0.047
6	2.441		0.0000	0.000	3374.7	0.227	BB	0.041	1381.54	0.230
7	2.607		0.0000	0.000	63.2	0.004	BB	0.038	27.50	0.005
8	2.771		0.0000	0.000	941.0	0.063	BB	0.040	395.17	0.066
9	2.949		0.0000	0.000	196.8	0.013	BB	0.037	87.63	0.015
10	3.072		0.0000	0.000	209.0	0.014	BB	0.058	60.19	0.010
11	3.125		0.0000	0.000	5683.6	0.382	BB	0.070	1344.51	0.224
12	3.354	TCX	41.0011	50.203	265549.1	17.852	BB	0.034	130741.20	21.792
13	3.530		0.0000	0.000	247.7	0.017	BB	0.051	80.34	0.013
14	3.669		0.0000	0.000	2556.0	0.172	BB	0.031	1372.40	0.229
15	3.761		0.0000	0.000	298.1	0.020	BB	0.028	175.24	0.029
16	3.835		0.0000	0.000	267.5	0.018	BB	0.023	194.24	0.032
17	3.874		0.0000	0.000	302.9	0.020	BB	0.027	186.53	0.031
18	3.967		0.0000	0.000	39.5	0.003	BB	0.032	20.29	0.003
19	4.112		0.0000	0.000	3194.4	0.215	BB	0.101	526.12	0.088
20	4.296		0.0000	0.000	1833.8	0.123	BB	0.044	697.89	0.116
21	4.382		0.0000	0.000	136.8	0.009	BB	0.020	116.74	0.019
22	4.417		0.0000	0.000	116.2	0.008	BB	0.028	68.60	0.011
23	4.470		0.0000	0.000	29.3	0.002	BB	0.016	30.79	0.005
24	4.538		0.0000	0.000	757.8	0.051	BB	0.025	513.92	0.086
25	4.568		0.0000	0.000	1000.7	0.067	BB	0.060	277.86	0.046
26	4.646		0.0000	0.000	289.9	0.019	BB	0.032	153.07	0.026
27	4.739		0.0000	0.000	1018.7	0.068	BB	0.034	499.07	0.083
28	4.849		0.0000	0.000	55708.4	3.745	BB	0.053	17625.05	2.938
29	5.039		0.0000	0.000	22408.5	1.506	BB	0.037	10003.02	1.667
30	5.120		0.0000	0.000	311.7	0.021	BB	0.019	279.56	0.047
31	5.174		0.0000	0.000	6311.2	0.424	BB	0.030	3520.72	0.587
32	5.233		0.0000	0.000	477.9	0.032	BB	0.022	358.47	0.060
33	5.317		0.0000	0.000	789.5	0.053	BB	0.028	465.04	0.078
34	5.362		0.0000	0.000	573.8	0.039	BB	0.022	429.03	0.072
35	5.416		0.0000	0.000	119096.0	8.007	BB	0.067	29531.58	4.922
36	5.585		0.0000	0.000	6519.7	0.438	BB	0.024	4551.29	0.759
37	5.644		0.0000	0.000	56968.7	3.830	BB	0.032	29986.64	4.998
38	5.689		0.0000	0.000	7892.4	0.531	BB	0.020	6495.14	1.083
39	5.780		0.0000	0.000	2279.8	0.153	BB	0.024	1550.97	0.259
40	5.841		0.0000	0.000	23023.5	1.548	BB	0.032	12045.02	2.008
41	5.914		0.0000	0.000	54463.1	3.661	BB	0.040	22953.16	3.826
42	5.998		0.0000	0.000	80467.3	5.410	BB	0.032	42470.97	7.079
43	6.062		0.0000	0.000	413.9	0.028	BB	0.020	344.96	0.057
44	6.112		0.0000	0.000	6749.4	0.454	BB	0.024	4746.07	0.791
45	6.174		0.0000	0.000	29791.4	2.003	BB	0.034	14408.52	2.402
46	6.234		0.0000	0.000	1324.7	0.089	BB	0.019	1187.09	0.198
47	6.293		0.0000	0.000	67274.8	4.523	BB	0.034	32823.84	5.471
48	6.373		0.0000	0.000	7712.1	0.518	BB	0.028	4609.29	0.768
49	6.453		0.0000	0.000	73216.8	4.922	BB	0.046	26487.58	4.415
50	6.557		0.0000	0.000	41474.8	2.788	BB	0.031	22066.09	3.678
51	6.615		0.0000	0.000	676.1	0.045	BB	0.014	781.04	0.130
52	6.661		0.0000	0.000	3232.0	0.217	BB	0.029	1873.73	0.312
53	6.715		0.0000	0.000	98798.8	6.642	BB	0.045	36508.04	6.085
54	6.863		0.0000	0.000	2203.6	0.148	BB	0.036	1011.61	0.169
55	6.990		0.0000	0.000	31082.1	2.090	BB	0.046	11209.41	1.868
56	7.101		0.0000	0.000	2345.4	0.158	BB	0.031	1267.19	0.211
57	7.154		0.0000	0.000	841.1	0.057	BB	0.025	570.67	0.095
58	7.275		0.0000	0.000	13806.0	0.928	BB	0.040	5780.88	0.964
59	7.368		0.0000	0.000	8623.9	0.580	BB	0.033	4313.61	0.719
60	7.533		0.0000	0.000	851.1	0.057	BB	0.079	179.88	0.030
61	7.700		0.0000	0.000	12255.3	0.824	BB	0.051	3982.61	0.664
62	7.889		0.0000	0.000	3930.0	0.264	BB	0.054	1213.06	0.202

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.001		0.0000	0.000	16.4	0.001	BB	0.016	16.96	0.003
64	8.041		0.0000	0.000	300.0	0.020	BB	0.035	142.64	0.024
65	8.216		0.0000	0.000	899.5	0.060	BB	0.107	139.73	0.023
66	8.261		0.0000	0.000	17.3	0.001	BB	0.013	21.64	0.004
67	8.333		0.0000	0.000	1201.1	0.081	BB	0.070	287.92	0.048
68	8.491		0.0000	0.000	3680.1	0.247	BB	0.082	744.80	0.124
69	8.748		0.0000	0.000	4590.8	0.309	BB	0.156	489.54	0.082
70	8.878		0.0000	0.000	604.0	0.041	BB	0.067	151.14	0.025
71	9.032		0.0000	0.000	2246.2	0.151	BB	0.044	858.23	0.143
72	9.129		0.0000	0.000	35.4	0.002	BB	0.029	20.34	0.003
73	9.200		0.0000	0.000	380.2	0.026	BB	0.056	112.76	0.019
74	9.317		0.0000	0.000	706.5	0.047	BB	0.085	139.34	0.023
75	9.424	DCB	40.6696	49.797	322101.8	21.654	BB	0.058	92982.40	15.499
76	9.688		0.0000	0.000	431.8	0.029	BB	0.085	84.32	0.014
77	9.889		0.0000	0.000	205.8	0.014	BB	0.059	58.36	0.010
78	9.918		0.0000	0.000	16326.3	1.098	BB	0.044	6243.36	1.041

Total Area = 1487489.0, Total Amount = 81.671, Total Height = 599941.7, Sample Units = ug/l

Sample Name: **IC54X0824B AAIC54XAA CCAL 0823499999**
Acquired from CP02--H2601B via port 2 on 8/23/08 10:23:53pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235B.43R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\1P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.140		0.0000	0.000	449.4	0.018	BB	0.079	94.97	0.009
2	2.173		0.0000	0.000	282.4	0.012	BB	0.021	224.47	0.022
3	2.214		0.0000	0.000	1441.0	0.059	BB	0.031	774.99	0.076
4	2.356		0.0000	0.000	222.3	0.009	BB	0.038	98.74	0.010
5	2.473		0.0000	0.000	1456.2	0.060	BB	0.094	257.87	0.025
6	2.639		0.0000	0.000	25813.3	1.057	BB	0.117	3671.43	0.359
7	2.833		0.0000	0.000	16637.3	0.681	BB	0.064	4315.61	0.422
8	2.929	TCX	39.3490	49.990	462639.7	18.941	BB	0.037	209625.10	20.510
9	3.107		0.0000	0.000	475.0	0.019	BB	0.028	284.30	0.028
10	3.200		0.0000	0.000	571.0	0.023	BB	0.051	184.99	0.018
11	3.252		0.0000	0.000	4836.8	0.198	BB	0.029	2801.72	0.274
12	3.323		0.0000	0.000	62.1	0.003	BB	0.018	58.89	0.006
13	3.355		0.0000	0.000	284.4	0.012	BB	0.020	235.31	0.023
14	3.380		0.0000	0.000	322.7	0.013	BB	0.022	240.51	0.024
15	3.429		0.0000	0.000	498.4	0.020	BB	0.030	278.32	0.027
16	3.506		0.0000	0.000	101.1	0.004	BB	0.023	71.78	0.007
17	3.533		0.0000	0.000	177.5	0.007	BB	0.024	124.91	0.012
18	3.590		0.0000	0.000	5.9	0.000	BB	0.004	27.17	0.003
19	3.607		0.0000	0.000	32.6	0.001	BB	0.009	60.54	0.006
20	3.623		0.0000	0.000	37.9	0.002	BB	0.015	41.59	0.004
21	3.689		0.0000	0.000	3244.4	0.133	BB	0.054	992.72	0.097
22	3.813		0.0000	0.000	2704.6	0.111	BB	0.037	1213.08	0.119
23	3.890		0.0000	0.000	590.4	0.024	BB	0.037	267.58	0.026
24	3.967		0.0000	0.000	1111.7	0.046	BB	0.031	600.09	0.059
25	4.039		0.0000	0.000	239.2	0.010	BB	0.035	112.81	0.011
26	4.074		0.0000	0.000	1048.6	0.043	BB	0.019	932.63	0.091
27	4.112		0.0000	0.000	1638.9	0.067	BB	0.027	1019.87	0.100
28	4.172		0.0000	0.000	979.8	0.040	BB	0.029	559.18	0.055
29	4.241		0.0000	0.000	949.0	0.039	BB	0.031	505.70	0.049
30	4.291		0.0000	0.000	613.3	0.025	BB	0.021	483.92	0.047
31	4.351		0.0000	0.000	92332.0	3.780	BB	0.053	29112.81	2.848
32	4.554		0.0000	0.000	45466.7	1.861	BB	0.041	18489.30	1.809
33	4.696		0.0000	0.000	10817.8	0.443	BB	0.031	5757.92	0.563
34	4.763		0.0000	0.000	1477.4	0.060	BB	0.026	953.25	0.093
35	4.825		0.0000	0.000	846.1	0.035	BB	0.025	575.10	0.056
36	4.867		0.0000	0.000	2168.6	0.089	BB	0.022	1642.40	0.161
37	4.904		0.0000	0.000	129924.9	5.319	BB	0.038	57522.36	5.628
38	4.999		0.0000	0.000	9214.0	0.377	BB	0.022	7053.24	0.690
39	5.054		0.0000	0.000	63887.3	2.616	BB	0.026	40253.11	3.938
40	5.100		0.0000	0.000	47939.6	1.963	BB	0.054	14920.14	1.460
41	5.221		0.0000	0.000	4061.8	0.166	BB	0.024	2852.13	0.279
42	5.274		0.0000	0.000	41904.5	1.716	BB	0.034	20596.69	2.015
43	5.356		0.0000	0.000	61137.8	2.503	BB	0.026	39151.51	3.831
44	5.407		0.0000	0.000	3283.3	0.134	BB	0.020	2733.22	0.267
45	5.446		0.0000	0.000	165966.5	6.795	BB	0.039	70474.13	6.895
46	5.580		0.0000	0.000	81640.4	3.342	BB	0.038	36264.62	3.548
47	5.675		0.0000	0.000	114264.3	4.678	BB	0.038	50006.82	4.893
48	5.771		0.0000	0.000	66536.3	2.724	BB	0.037	29698.37	2.906
49	5.915		0.0000	0.000	67111.9	2.748	BB	0.035	31911.75	3.122
50	5.982		0.0000	0.000	48707.4	1.994	BB	0.027	29656.65	2.902
51	6.037		0.0000	0.000	6939.5	0.284	BB	0.021	5532.42	0.541
52	6.093		0.0000	0.000	162069.0	6.635	BB	0.046	58395.12	5.713
53	6.270		0.0000	0.000	319.9	0.013	BB	0.031	171.10	0.017
54	6.338		0.0000	0.000	7295.4	0.299	BB	0.038	3242.26	0.317
55	6.418		0.0000	0.000	38197.7	1.564	BB	0.035	18376.50	1.798
56	6.485		0.0000	0.000	1546.3	0.063	BB	0.020	1270.90	0.124
57	6.531		0.0000	0.000	1234.5	0.051	BB	0.020	1027.08	0.100
58	6.565		0.0000	0.000	254.2	0.010	BB	0.015	289.92	0.028
59	6.607		0.0000	0.000	5776.6	0.237	BB	0.021	4620.68	0.452
60	6.635		0.0000	0.000	6498.0	0.266	BB	0.030	3644.63	0.357
61	6.823		0.0000	0.000	243.0	0.010	BB	0.033	123.68	0.012
62	6.939		0.0000	0.000	159.4	0.007	BB	0.033	80.15	0.008

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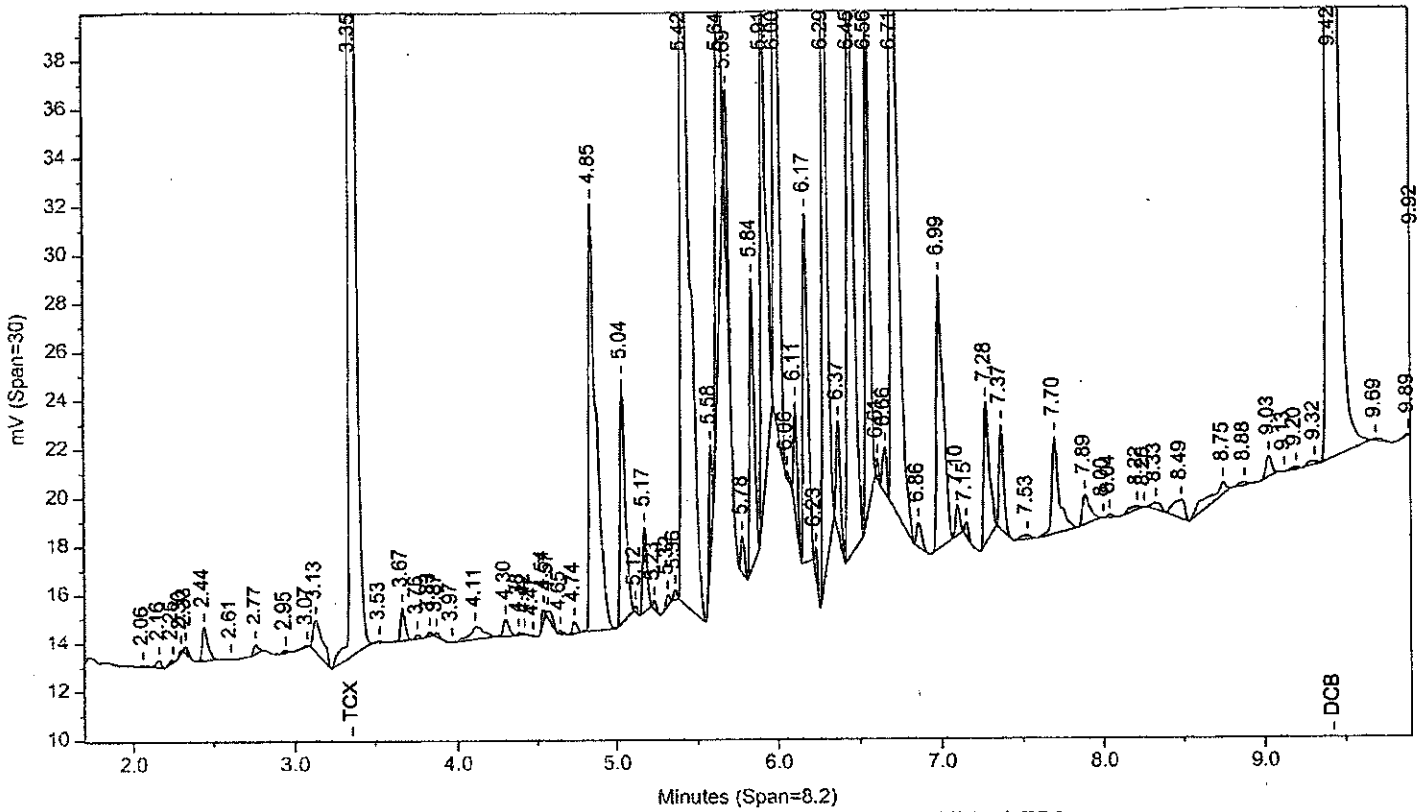
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.979		0.0000	0.000	15150.3	0.620	BB	0.035	7226.28	0.707
64	7.132		0.0000	0.000	5754.2	0.236	BB	0.043	2255.54	0.221
65	7.206		0.0000	0.000	66.2	0.003	BB	0.014	81.67	0.008
66	7.266		0.0000	0.000	848.3	0.035	BB	0.031	456.83	0.045
67	7.440		0.0000	0.000	2779.4	0.114	BB	0.485	95.48	0.009
68	7.456		0.0000	0.000	21.9	0.001	BB	0.007	50.05	0.005
69	7.489		0.0000	0.000	66.3	0.003	BB	0.014	80.26	0.008
70	7.546		0.0000	0.000	1404.9	0.058	BB	0.034	690.72	0.068
71	7.607		0.0000	0.000	353.2	0.014	BB	0.040	148.44	0.015
72	7.672		0.0000	0.000	35.1	0.001	BB	0.012	47.00	0.005
73	7.698		0.0000	0.000	127.7	0.005	BB	0.021	100.99	0.010
74	7.785		0.0000	0.000	305.3	0.013	BB	0.027	190.78	0.019
75	7.839		0.0000	0.000	171.9	0.007	BB	0.024	121.47	0.012
76	7.903		0.0000	0.000	4481.7	0.183	BB	0.040	1863.32	0.182
77	8.053		0.0000	0.000	2450.2	0.100	BB	0.060	682.30	0.067
78	8.226	DCB	39.3646	50.010	542888.4	22.227	BB	0.050	181048.60	17.714
79	8.520		0.0000	0.000	31.2	0.001	BB	0.010	50.06	0.005
80	8.556		0.0000	0.000	42.0	0.002	BB	0.013	54.57	0.005
81	8.589		0.0000	0.000	21.7	0.001	BB	0.012	30.84	0.003
82	8.656		0.0000	0.000	1451.2	0.059	BB	0.049	494.45	0.048
83	8.787		0.0000	0.000	141.1	0.006	BB	0.024	97.81	0.010
84	8.822		0.0000	0.000	1029.5	0.042	BB	0.053	324.55	0.032
85	8.938		0.0000	0.000	1189.6	0.049	BB	0.054	367.59	0.036
86	8.972		0.0000	0.000	39.1	0.002	BB	0.014	46.66	0.005
87	9.021		0.0000	0.000	151.4	0.006	BB	0.026	96.63	0.009
88	9.103		0.0000	0.000	53.9	0.002	BB	0.016	55.73	0.005
89	9.123		0.0000	0.000	21.0	0.001	BB	0.011	32.48	0.003
90	9.171		0.0000	0.000	426.2	0.017	BB	0.045	156.87	0.015
91	9.239		0.0000	0.000	212.7	0.009	BB	0.042	84.87	0.008
92	9.306		0.0000	0.000	22.0	0.001	BB	0.008	45.63	0.004
93	9.354		0.0000	0.000	96.7	0.004	BB	0.026	62.36	0.006
94	9.404		0.0000	0.000	1616.8	0.066	BB	0.058	463.05	0.045
95	9.521		0.0000	0.000	270.7	0.011	BB	0.027	167.95	0.016
96	9.622		0.0000	0.000	187.4	0.008	BB	0.056	56.10	0.005
97	9.686		0.0000	0.000	13675.4	0.560	BB	0.188	1213.46	0.119
98	9.937		0.0000	0.000	26232.8	1.074	BB	0.067	6482.72	0.634

Total Area = 2442507.0, Total Amount = 78.714, Total Height = 1022085.0, Sample Units = ug/l

ASX04 1148

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.43R

C:\CPWIN\DATA1\1P2235.43R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 10:13:53 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.43R

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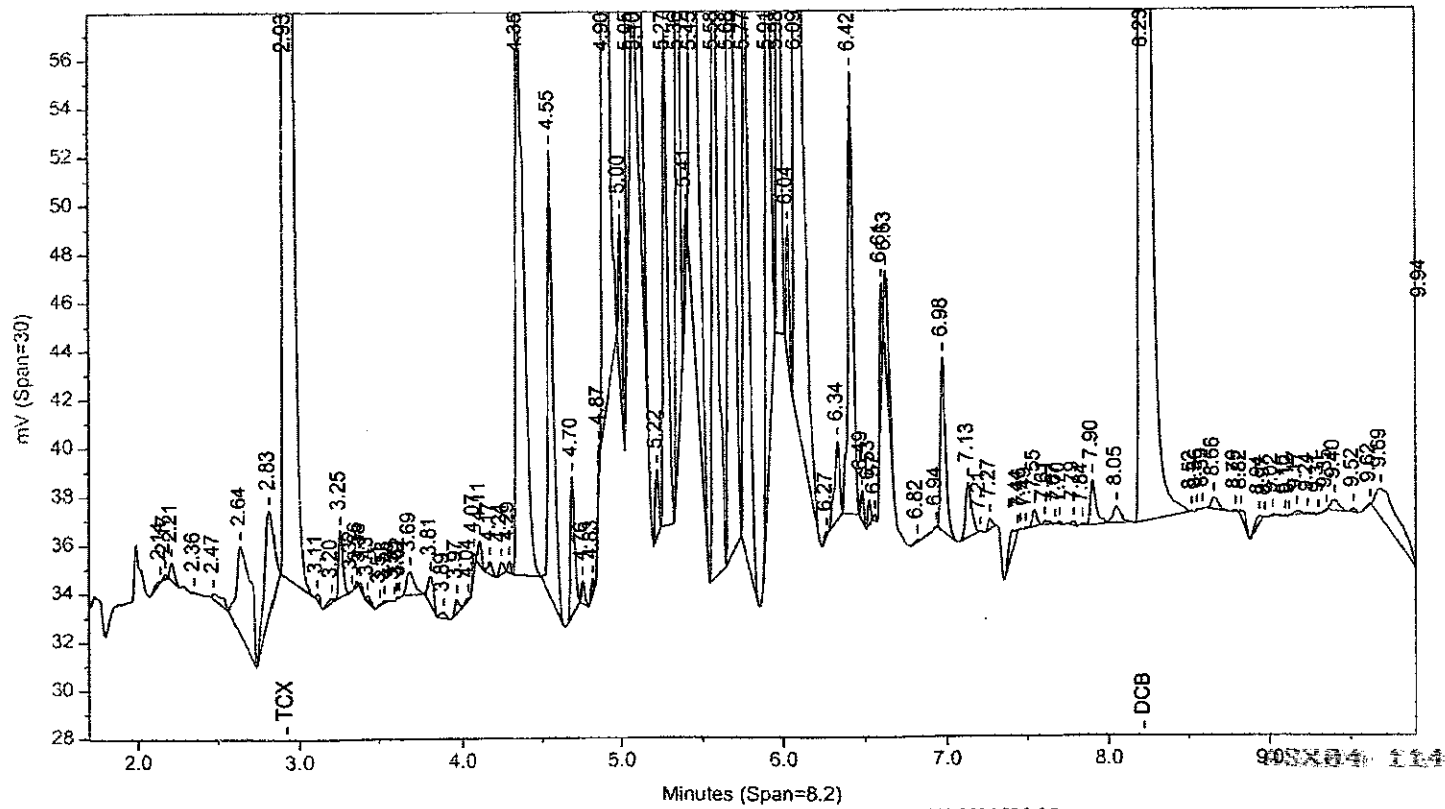


Instrument ID: CP02--H2601B Injected On: 8/23/2008 10:13:53 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

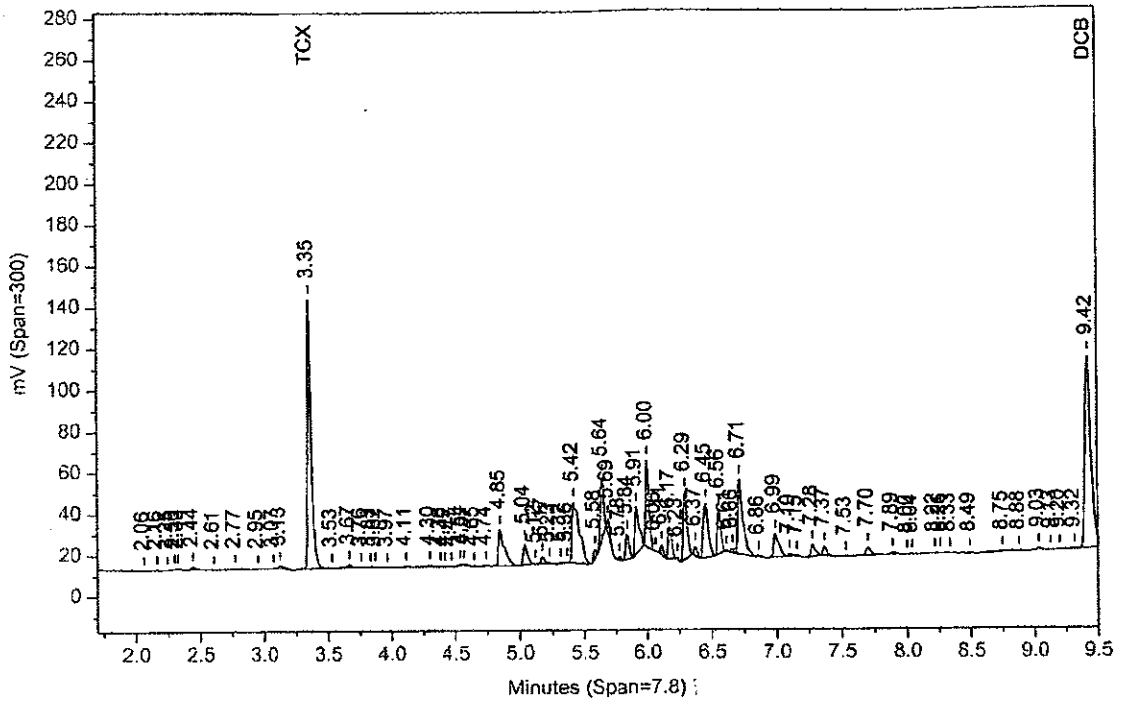
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	130741	41.00113	TCX	2.929	209625	39.34903	TCX
9.424	92982	40.66964	DCB	8.226	181049	39.36455	DCB

Files:
Area File: C:\CPWIN\DATA1\1P2235.43A
Area File: C:\CPWIN\DATA1\1P2235B.43A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:42:26 AM
File Reported On: 8/25/2008 at 11:42:35 AM

10X REPLOTS

ASX84 1158

C:\CPWIN\DATA1\1P2235.43R



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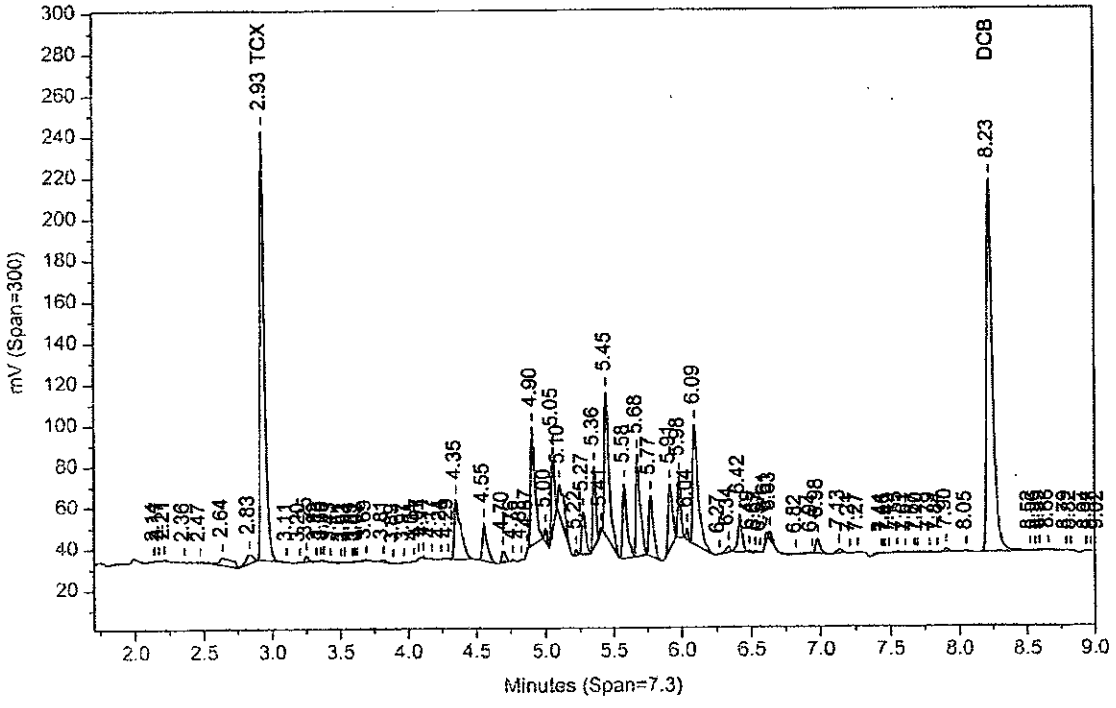


ASX84 1151

Sample Name: **AR1630824A DBAR163DB CCAL 0823899999**
Acquired from CP02--H2601A via port 1 on 8/26/08 11:02:55am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\2P2235.06R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.155		0.0000	0.000	201.8	0.011	BB	0.029	116.77	0.015
2	2.259		0.0000	0.000	519.5	0.028	BB	0.072	120.83	0.016
3	2.326		0.0000	0.000	953.9	0.052	BB	0.035	452.31	0.058
4	2.437		0.0000	0.000	1760.1	0.096	BB	0.042	695.57	0.090
5	2.590		0.0000	0.000	41.6	0.002	BB	0.031	22.31	0.003
6	2.703		0.0000	0.000	173.6	0.009	BB	0.058	49.49	0.006
7	2.807		0.0000	0.000	412.3	0.023	BB	0.041	166.25	0.021
8	2.953		0.0000	0.000	49.3	0.003	BB	0.046	17.76	0.002
9	3.021		0.0000	0.000	62.4	0.003	BB	0.026	40.11	0.005
10	3.077		0.0000	0.000	43.6	0.002	BB	0.025	29.14	0.004
11	3.124		0.0000	0.000	1777.2	0.097	BB	0.070	425.10	0.055
12	3.350	TCX	42.8322	49.704	279601.4	15.287	BB	0.034	136580.00	17.617
13	3.592		0.0000	0.000	4414.3	0.241	BB	0.034	2132.89	0.275
14	3.681		0.0000	0.000	7756.7	0.424	BB	0.039	3330.69	0.430
15	3.760		0.0000	0.000	30225.2	1.653	BB	0.038	13363.99	1.724
16	3.873		0.0000	0.000	75.7	0.004	BB	0.017	73.78	0.010
17	3.910		0.0000	0.000	3488.2	0.191	BB	0.037	1581.29	0.204
18	4.111		0.0000	0.000	6868.7	0.376	BB	0.027	4172.16	0.538
19	4.126		0.0000	0.000	4126.7	0.226	BB	0.020	3396.50	0.438
20	4.239		0.0000	0.000	765.4	0.042	BB	0.020	649.47	0.084
21	4.293		0.0000	0.000	36521.8	1.997	BB	0.037	16607.08	2.142
22	4.414		0.0000	0.000	363.9	0.020	BB	0.023	260.17	0.034
23	4.489		0.0000	0.000	12799.0	0.700	BB	0.048	4463.74	0.576
24	4.582		0.0000	0.000	82916.0	4.533	BB	0.038	36015.14	4.645
25	4.644		0.0000	0.000	25199.1	1.378	BB	0.029	14357.04	1.852
26	4.736		0.0000	0.000	26958.9	1.474	BB	0.031	14618.95	1.886
27	4.798		0.0000	0.000	423.8	0.023	BB	0.017	406.00	0.052
28	4.848		0.0000	0.000	10755.0	0.588	BB	0.023	7856.39	1.013
29	4.891		0.0000	0.000	23972.4	1.311	BB	0.048	8404.03	1.084
30	5.038		0.0000	0.000	39638.8	2.167	BB	0.047	14162.82	1.827
31	5.119		0.0000	0.000	2428.7	0.133	BB	0.019	2103.46	0.271
32	5.170		0.0000	0.000	21878.3	1.196	BB	0.030	11959.28	1.543
33	5.229		0.0000	0.000	3687.7	0.202	BB	0.025	2489.07	0.321
34	5.302		0.0000	0.000	464.1	0.025	BB	0.023	336.83	0.043
35	5.362		0.0000	0.000	569.7	0.031	BB	0.022	428.81	0.055
36	5.414		0.0000	0.000	26330.5	1.440	BB	0.039	11355.60	1.465
37	5.469		0.0000	0.000	1276.2	0.070	BB	0.018	1206.89	0.156
38	5.582		0.0000	0.000	1415.6	0.077	BB	0.028	844.50	0.109
39	5.643		0.0000	0.000	27718.2	1.515	BB	0.040	11580.21	1.494
40	5.838		0.0000	0.000	602.4	0.033	BB	0.031	320.78	0.041
41	5.928		0.0000	0.000	12527.2	0.685	BB	0.039	5418.85	0.699
42	5.994		0.0000	0.000	7633.4	0.417	BB	0.028	4501.86	0.581
43	6.064		0.0000	0.000	42348.8	2.315	BB	0.049	14334.27	1.849
44	6.167		0.0000	0.000	65865.4	3.601	BB	0.038	28808.10	3.716
45	6.286		0.0000	0.000	4742.5	0.259	BB	0.034	2294.85	0.296
46	6.368		0.0000	0.000	16011.9	0.875	BB	0.034	7872.19	1.015
47	6.440		0.0000	0.000	74302.3	4.062	BB	0.036	34076.39	4.395
48	6.496		0.0000	0.000	4005.5	0.219	BB	0.020	3265.03	0.421
49	6.555		0.0000	0.000	27217.9	1.488	BB	0.037	12298.01	1.586
50	6.662		0.0000	0.000	1955.0	0.107	BB	0.025	1315.53	0.170
51	6.707		0.0000	0.000	81386.1	4.450	BB	0.037	36377.88	4.692
52	6.797		0.0000	0.000	34182.0	1.869	BB	0.029	19652.83	2.535
53	6.851		0.0000	0.000	14549.0	0.795	BB	0.028	8759.35	1.130
54	6.980		0.0000	0.000	1846.5	0.101	BB	0.039	790.23	0.102
55	7.014		0.0000	0.000	44929.1	2.456	BB	0.035	21384.00	2.758
56	7.093		0.0000	0.000	16416.9	0.898	BB	0.028	9742.67	1.257
57	7.147		0.0000	0.000	5460.3	0.299	BB	0.025	3597.37	0.464
58	7.276		0.0000	0.000	12110.3	0.662	BB	0.035	5805.10	0.749
59	7.361		0.0000	0.000	141805.1	7.753	BB	0.042	56132.41	7.240
60	7.602		0.0000	0.000	114.6	0.006	BB	0.047	40.94	0.005
61	7.696		0.0000	0.000	68314.4	3.735	BB	0.036	31813.65	4.103
62	7.792		0.0000	0.000	21067.9	1.152	BB	0.039	9020.75	1.164

ASX84 1152

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.966		0.0000	0.000	113.5	0.006	BB	0.059	32.33	0.004
64	8.045		0.0000	0.000	1758.0	0.096	BB	0.043	687.89	0.089
65	8.206		0.0000	0.000	20391.2	1.115	BB	0.051	6692.67	0.863
66	8.427		0.0000	0.000	151.5	0.008	BB	0.088	28.80	0.004
67	8.547		0.0000	0.000	35654.2	1.949	BB	0.044	13508.73	1.742
68	8.648		0.0000	0.000	1491.7	0.082	BB	0.035	718.21	0.093
69	9.031		0.0000	0.000	14181.3	0.775	BB	0.049	4783.33	0.617
70	9.418	DCB	43.3424	50.296	346175.7	18.927	BB	0.058	99093.04	12.782
71	9.933		0.0000	0.000	21058.8	1.151	BB	0.067	5242.18	0.676

Total Area = 1829006.0, Total Amount = 86.175, Total Height = 775282.5, Sample Units = ug/l

Sample Name: **AR1630824A DBAR163DB CCAL 0823899999**
Acquired from CP02--H2601B via port 2 on 8/26/08 11:02:55am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\2P2235B.06R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.017		0.0000	0.000	781.4	0.025	BB	0.025	522.48	0.038
2	2.107		0.0000	0.000	32.8	0.001	BB	0.008	70.01	0.005
3	2.124		0.0000	0.000	140.1	0.005	BB	0.017	139.59	0.010
4	2.172		0.0000	0.000	1869.0	0.060	BB	0.102	304.74	0.022
5	2.489		0.0000	0.000	958.4	0.031	BB	0.048	332.57	0.024
6	2.623		0.0000	0.000	342.0	0.011	BB	0.043	134.06	0.010
7	2.673		0.0000	0.000	2447.3	0.079	BB	0.129	315.65	0.023
8	2.791		0.0000	0.000	368.1	0.012	BB	0.056	109.67	0.008
9	2.824		0.0000	0.000	3646.9	0.118	BB	0.046	1327.09	0.096
10	2.924	TCX	42.6171	50.550	511949.1	16.497	BB	0.038	227035.20	16.486
11	3.177		0.0000	0.000	8449.0	0.272	BB	0.032	4419.65	0.321
12	3.268		0.0000	0.000	15263.9	0.492	BB	0.042	6051.91	0.439
13	3.350		0.0000	0.000	57585.7	1.856	BB	0.038	25255.68	1.834
14	3.524		0.0000	0.000	7567.6	0.244	BB	0.038	3345.99	0.243
15	3.684		0.0000	0.000	96907.4	3.123	BB	0.044	36344.64	2.639
16	3.749		0.0000	0.000	906.4	0.029	BB	0.013	1163.12	0.084
17	3.824		0.0000	0.000	1262.4	0.041	BB	0.017	1274.33	0.093
18	3.867		0.0000	0.000	63271.7	2.039	BB	0.036	28917.61	2.100
19	3.997		0.0000	0.000	3297.0	0.106	BB	0.024	2302.43	0.167
20	4.015		0.0000	0.000	2442.8	0.079	BB	0.016	2470.47	0.179
21	4.113		0.0000	0.000	135018.6	4.351	BB	0.035	63828.78	4.635
22	4.169		0.0000	0.000	38609.9	1.244	BB	0.030	21391.57	1.553
23	4.289		0.0000	0.000	43039.2	1.387	BB	0.028	26014.37	1.889
24	4.347		0.0000	0.000	14291.1	0.461	BB	0.022	10604.35	0.770
25	4.382		0.0000	0.000	39683.7	1.279	BB	0.040	16686.30	1.212
26	4.551		0.0000	0.000	58109.4	1.873	BB	0.038	25542.81	1.855
27	4.615		0.0000	0.000	4172.8	0.134	BB	0.020	3524.92	0.256
28	4.691		0.0000	0.000	44569.0	1.436	BB	0.034	22007.84	1.598
29	4.757		0.0000	0.000	9692.8	0.312	BB	0.026	6120.36	0.444
30	4.825		0.0000	0.000	371.3	0.012	BB	0.014	429.09	0.031
31	4.863		0.0000	0.000	3356.4	0.108	BB	0.021	2704.88	0.196
32	4.898		0.0000	0.000	55850.1	1.800	BB	0.040	23376.62	1.697
33	4.992		0.0000	0.000	1475.5	0.048	BB	0.020	1223.13	0.089
34	5.051		0.0000	0.000	37756.7	1.217	BB	0.034	18538.88	1.346
35	5.122		0.0000	0.000	833.0	0.027	BB	0.024	589.55	0.043
36	5.207		0.0000	0.000	23.7	0.001	BB	0.006	60.82	0.004
37	5.224		0.0000	0.000	59.0	0.002	BB	0.010	95.32	0.007
38	5.267		0.0000	0.000	2628.5	0.085	BB	0.040	1087.92	0.079
39	5.351		0.0000	0.000	5661.9	0.182	BB	0.026	3588.22	0.261
40	5.459		0.0000	0.000	42441.5	1.368	BB	0.039	18028.60	1.309
41	5.495		0.0000	0.000	4563.0	0.147	BB	0.020	3851.93	0.280
42	5.574		0.0000	0.000	110338.6	3.556	BB	0.038	48771.58	3.542
43	5.668		0.0000	0.000	916.4	0.030	BB	0.015	1003.72	0.073
44	5.707		0.0000	0.000	14077.9	0.454	BB	0.026	9024.09	0.655
45	5.767		0.0000	0.000	131412.8	4.235	BB	0.039	56739.41	4.120
46	5.910		0.0000	0.000	124809.1	4.022	BB	0.038	54041.99	3.924
47	5.980		0.0000	0.000	2891.2	0.093	BB	0.020	2450.53	0.178
48	6.035		0.0000	0.000	12621.7	0.407	BB	0.023	9319.89	0.677
49	6.085		0.0000	0.000	59303.9	1.911	BB	0.026	37578.41	2.729
50	6.126		0.0000	0.000	30163.5	0.972	BB	0.023	22179.73	1.611
51	6.177		0.0000	0.000	20774.3	0.669	BB	0.025	13834.64	1.005
52	6.312		0.0000	0.000	15427.3	0.497	BB	0.032	8000.19	0.581
53	6.381		0.0000	0.000	99527.0	3.207	BB	0.039	43039.02	3.125
54	6.477		0.0000	0.000	29227.2	0.942	BB	0.027	18124.20	1.316
55	6.520		0.0000	0.000	4000.0	0.129	BB	0.017	3864.97	0.281
56	6.556		0.0000	0.000	4736.2	0.153	BB	0.019	4188.39	0.304
57	6.632		0.0000	0.000	211668.6	6.821	BB	0.039	91547.55	6.648
58	6.729		0.0000	0.000	2889.8	0.093	BB	0.022	2194.97	0.159
59	6.916		0.0000	0.000	33290.8	1.073	BB	0.027	20441.39	1.484
60	6.977		0.0000	0.000	148105.8	4.773	BB	0.037	65860.69	4.782
61	7.139		0.0000	0.000	156.3	0.005	BB	0.022	119.74	0.009
62	7.195		0.0000	0.000	2200.8	0.071	BB	0.030	1233.94	0.090

A8X84 1154

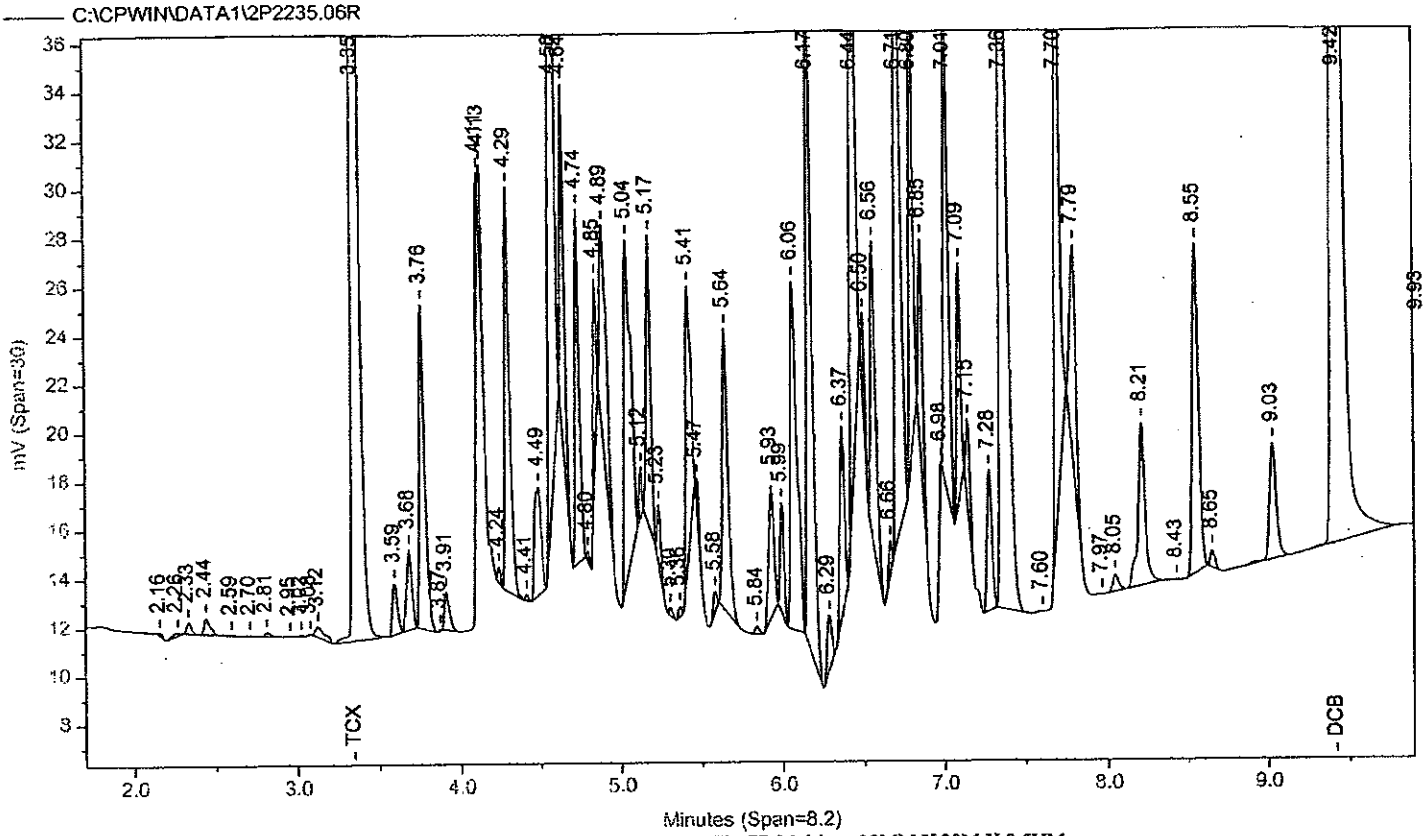
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.255		0.0000	0.000	1728.1	0.056	BB	0.024	1177.55	0.086
64	7.291		0.0000	0.000	2043.9	0.066	BB	0.040	860.77	0.063
65	7.372		0.0000	0.000	27575.0	0.889	BB	0.038	11969.33	0.869
66	7.542		0.0000	0.000	81328.5	2.621	BB	0.044	30952.08	2.248
67	7.773		0.0000	0.000	528.2	0.017	BB	0.043	206.92	0.015
68	7.898		0.0000	0.000	27254.2	0.878	BB	0.041	11129.68	0.808
69	8.057		0.0000	0.000	40.4	0.001	BB	0.008	79.50	0.006
70	8.090		0.0000	0.000	461.8	0.015	BB	0.049	157.70	0.011
71	8.220	DCB	41.6901	49.450	566328.2	18.250	BB	0.049	191744.50	13.924
72	8.423		0.0000	0.000	369.0	0.012	BB	0.056	110.54	0.008
73	8.574		0.0000	0.000	27.1	0.001	BB	0.007	67.46	0.005
74	8.590		0.0000	0.000	171.1	0.006	BB	0.022	129.61	0.009
75	8.673		0.0000	0.000	797.8	0.026	BB	0.059	224.90	0.016
76	8.773		0.0000	0.000	81.4	0.003	BB	0.017	80.96	0.006
77	8.906		0.0000	0.000	48.5	0.002	BB	0.010	77.08	0.006
78	8.940		0.0000	0.000	85.6	0.003	BB	0.014	102.25	0.007
79	9.023		0.0000	0.000	385.9	0.012	BB	0.049	132.10	0.010
80	9.140		0.0000	0.000	35.2	0.001	BB	0.007	82.39	0.006
81	9.190		0.0000	0.000	109.4	0.004	BB	0.021	87.83	0.006
82	9.207		0.0000	0.000	32.5	0.001	BB	0.007	72.32	0.005
83	9.224		0.0000	0.000	28.6	0.001	BB	0.006	80.41	0.006
84	9.240		0.0000	0.000	69.9	0.002	BB	0.013	88.42	0.006
85	9.290		0.0000	0.000	22.6	0.001	BB	0.006	66.83	0.005
86	9.323		0.0000	0.000	233.0	0.008	BB	0.033	116.27	0.008
87	9.407		0.0000	0.000	28.7	0.001	BB	0.007	67.44	0.005
88	9.423		0.0000	0.000	69.3	0.002	BB	0.013	90.15	0.007
89	9.490		0.0000	0.000	249.6	0.008	BB	0.036	116.45	0.008
90	9.607		0.0000	0.000	64.3	0.002	BB	0.014	75.78	0.006
91	9.640		0.0000	0.000	35.6	0.001	BB	0.008	73.06	0.005
92	9.706		0.0000	0.000	7532.7	0.243	BB	0.213	589.99	0.043
93	9.924		0.0000	0.000	4971.6	0.160	BB	0.056	1480.03	0.107
94	9.940		0.0000	0.000	264.5	0.009	BB	0.031	142.76	0.010

Total Area = 3103238.0, Total Amount = 84.307, Total Height = 1377125.0, Sample Units = ug/l

ASX84 1155

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\2P2235.06R

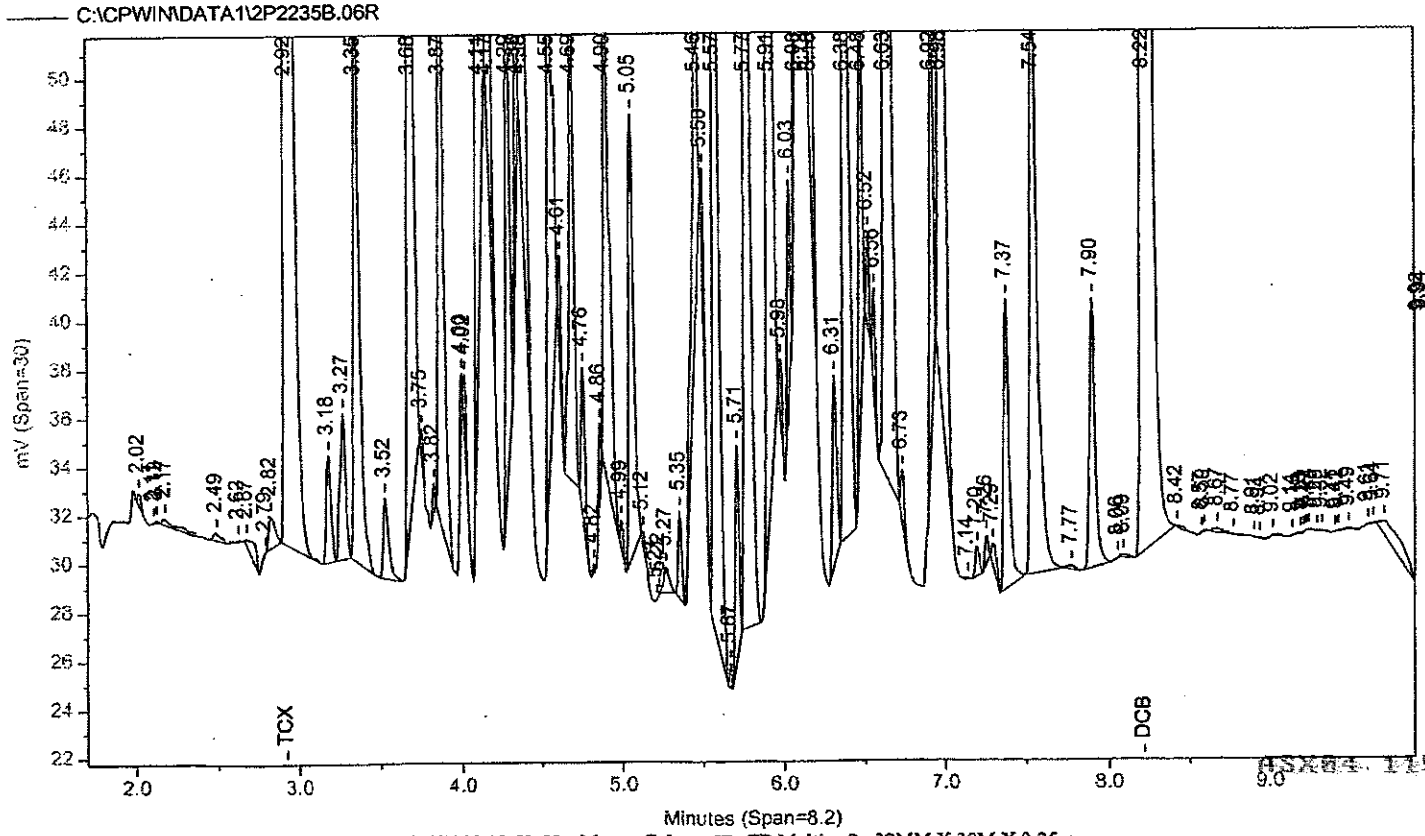
C:\CPWIN\DATA1\2P2235.06R



Instrument ID: CP02--H2601A Injected On: 8/26/2008 10:52:55 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\2P2235B.06R

C:\CPWIN\DATA1\2P2235B.06R



Instrument ID: CP02--H2601B Injected On: 8/26/2008 10:52:55 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

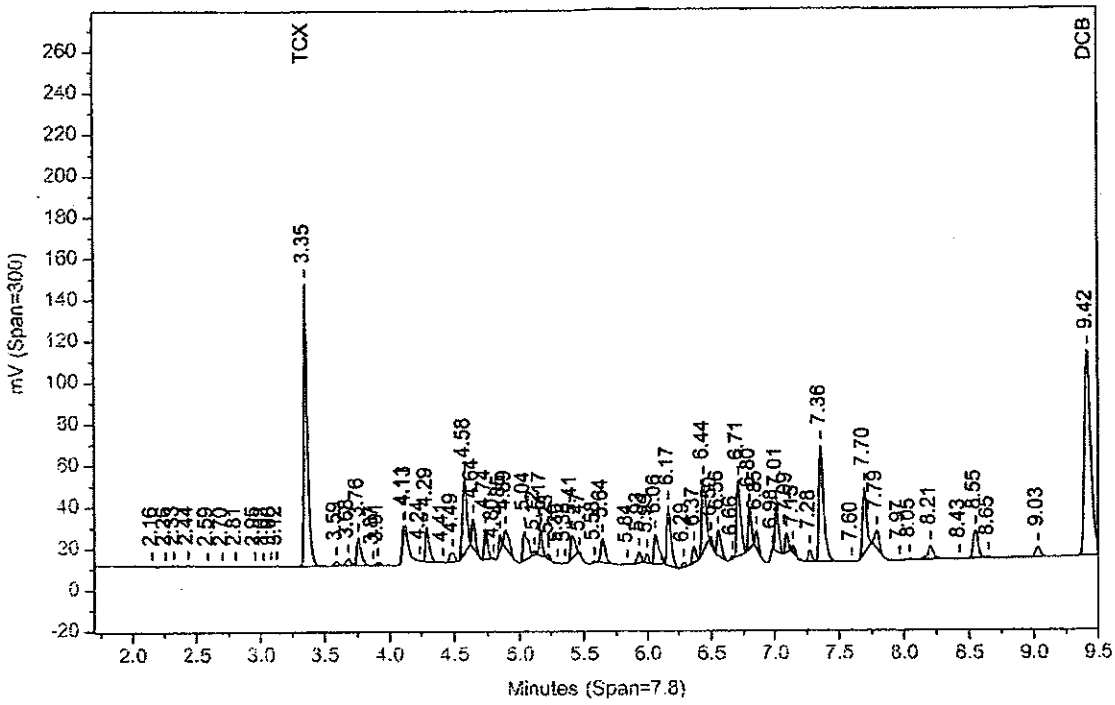
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.35	136580	42.83221	TCX	2.924	227035	42.61711	TCX
9.418	99093	43.34238	DCB	8.22	191744	41.6901	DCB

Files:
Area File: C:\CPWIN\DATA1\2P2235.06A
Area File: C:\CPWIN\DATA1\2P2235B.06A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/27/2008 2:08:26 PM
File Reported On: 8/27/2008 at 2:08:34 PM

10X REPLOTS

ASX0481157

C:\CPWIN\DATA1\2P2235.06R



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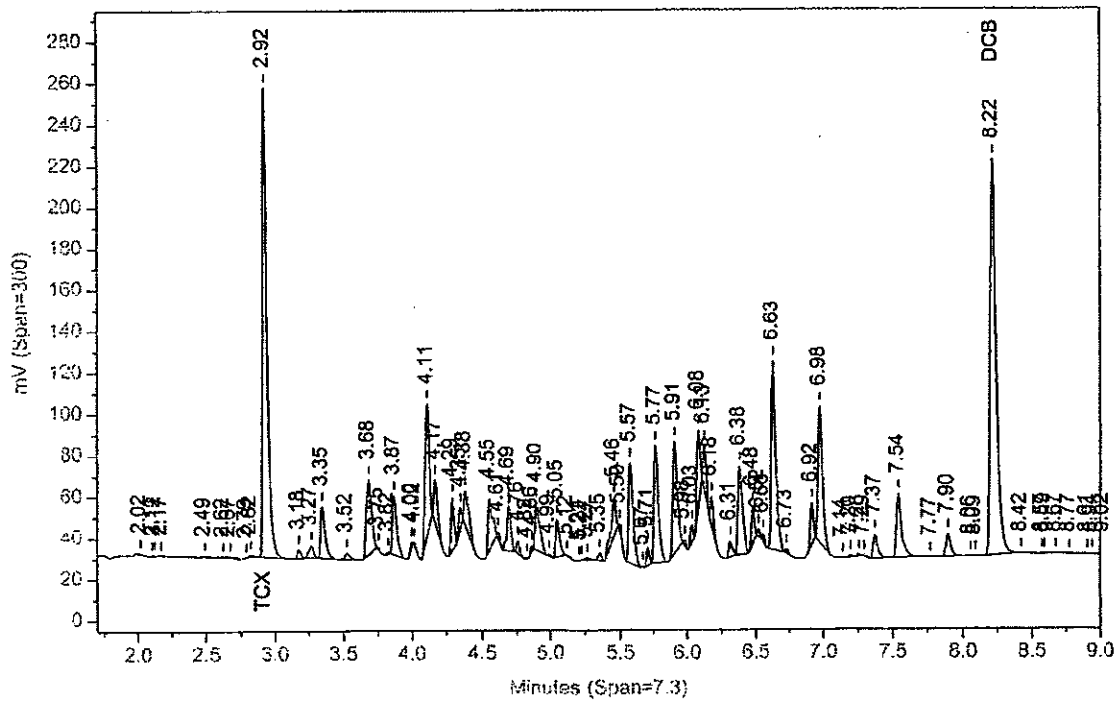


ASX04. 1150

IBLKX0824C MTPIBLKMT PIBLK0824899999

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 07:04:16pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.21R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.085		0.0000	0.000	84.7	0.023	BB	0.073	19.45	0.015
2	2.166		0.0000	0.000	300.4	0.083	BB	0.036	137.35	0.106
3	2.248		0.0000	0.000	247.7	0.068	BB	0.047	87.76	0.068
4	2.334		0.0000	0.000	483.7	0.134	BB	0.037	219.12	0.169
5	2.441		0.0000	0.000	1623.3	0.449	BB	0.041	667.71	0.515
6	2.713		0.0000	0.000	252.9	0.070	BB	0.056	75.78	0.058
7	2.807		0.0000	0.000	190.7	0.053	BB	0.060	53.10	0.041
8	2.934		0.0000	0.000	43.7	0.012	BB	0.029	24.72	0.019
9	3.025		0.0000	0.000	71.7	0.020	BB	0.029	41.48	0.032
10	3.073		0.0000	0.000	30.7	0.008	BB	0.024	21.00	0.016
11	3.123		0.0000	0.000	1371.0	0.379	BB	0.120	190.52	0.147
12	3.356	TCX	203.4493	49.449	135259.7	37.379	BB	0.035	64874.32	50.051
13	3.669		0.0000	0.000	1355.1	0.374	BB	0.031	735.57	0.567
14	3.875		0.0000	0.000	291.0	0.080	BB	0.036	136.35	0.105
15	4.022		0.0000	0.000	83.2	0.023	BB	0.030	46.05	0.036
16	4.287		0.0000	0.000	325.3	0.090	BB	0.039	137.91	0.106
17	4.560		0.0000	0.000	585.2	0.162	BB	0.054	180.89	0.140
18	4.739		0.0000	0.000	300.3	0.083	BB	0.046	107.91	0.083
19	5.263		0.0000	0.000	3624.8	1.002	BB	0.444	136.12	0.105
20	5.315		0.0000	0.000	2957.4	0.817	BB	0.407	121.25	0.094
21	5.606		0.0000	0.000	607.7	0.168	BB	0.056	181.72	0.140
22	5.811		0.0000	0.000	189.9	0.052	BB	0.051	61.80	0.048
23	5.912		0.0000	0.000	24.2	0.007	BB	0.019	21.32	0.016
24	5.956		0.0000	0.000	478.5	0.132	BB	0.029	271.07	0.209
25	6.198		0.0000	0.000	292.2	0.081	BB	0.056	87.52	0.068
26	6.366		0.0000	0.000	4141.9	1.145	BB	0.039	1752.54	1.352
27	6.512		0.0000	0.000	20.8	0.006	BB	0.016	21.55	0.017
28	6.564		0.0000	0.000	102.0	0.028	BB	0.030	57.15	0.044
29	6.603		0.0000	0.000	106.4	0.029	BB	0.034	51.67	0.040
30	6.757		0.0000	0.000	1753.1	0.484	BB	0.151	193.65	0.149
31	7.042		0.0000	0.000	119.0	0.033	BB	0.049	40.32	0.031
32	7.127		0.0000	0.000	1192.1	0.329	BB	0.048	410.37	0.317
33	7.328		0.0000	0.000	1052.1	0.291	BB	0.132	132.79	0.102
34	7.468		0.0000	0.000	36.9	0.010	BB	0.029	21.37	0.016
35	7.501		0.0000	0.000	107.1	0.030	BB	0.032	56.49	0.044
36	7.795		0.0000	0.000	145.5	0.040	BB	0.051	47.30	0.036
37	7.876		0.0000	0.000	695.4	0.192	BB	0.145	79.82	0.062
38	8.256		0.0000	0.000	1581.4	0.437	BB	0.169	155.94	0.120
39	8.501		0.0000	0.000	1508.8	0.417	BB	0.075	333.47	0.257
40	8.764		0.0000	0.000	2270.6	0.627	BB	0.277	136.55	0.105
41	8.817		0.0000	0.000	23.4	0.006	BB	0.021	18.25	0.014
42	9.044		0.0000	0.000	1514.4	0.418	BB	0.062	404.32	0.312
43	9.190		0.0000	0.000	845.6	0.234	BB	0.086	163.15	0.126
44	9.323		0.0000	0.000	180.6	0.050	BB	0.044	68.69	0.053
45	9.428	DCB	207.9809	50.551	161051.3	44.507	BB	0.056	47550.38	36.686
46	9.922		0.0000	0.000	32332.7	8.935	BB	0.058	9282.66	7.162

Total Area = 361855.9, Total Amount = 411.43, Total Height = 129616.2, Sample Units = ug/l

ASX04 1159

IBLKX0824C MTPIBLKMT PIBLK0824899999

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601B via port 2 on 9/5/08 07:04:16pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.21R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.020		0.0000	0.000	154.3	0.021	BB	0.021	123.61	0.051
2	2.120		0.0000	0.000	658.0	0.090	BB	0.041	267.40	0.111
3	2.170		0.0000	0.000	311.7	0.043	BB	0.035	148.93	0.062
4	2.286		0.0000	0.000	271.2	0.037	BB	0.032	141.81	0.059
5	2.353		0.0000	0.000	91.7	0.013	BB	0.017	89.88	0.037
6	2.403		0.0000	0.000	778.8	0.106	BB	0.077	169.17	0.070
7	2.554		0.0000	0.000	15.7	0.002	BB	0.008	34.36	0.014
8	2.586		0.0000	0.000	229.6	0.031	BB	0.031	121.96	0.051
9	2.637		0.0000	0.000	58.7	0.008	BB	0.017	57.08	0.024
10	2.686		0.0000	0.000	168.5	0.023	BB	0.049	57.20	0.024
11	2.703		0.0000	0.000	1592.3	0.217	BB	0.061	437.09	0.182
12	2.836		0.0000	0.000	3526.9	0.482	BB	0.086	679.96	0.283
13	2.928	TCX	207.8610	50.247	244020.1	33.329	BB	0.037	110734.30	46.124
14	3.250		0.0000	0.000	2828.2	0.386	BB	0.032	1485.88	0.619
15	3.364		0.0000	0.000	54.8	0.007	BB	0.022	42.43	0.018
16	3.386		0.0000	0.000	74.3	0.010	BB	0.016	77.82	0.032
17	3.421		0.0000	0.000	429.7	0.059	BB	0.030	241.31	0.101
18	3.487		0.0000	0:000	32.1	0.004	BB	0.012	46.18	0.019
19	3.536		0.0000	0.000	136.7	0.019	BB	0.030	75.00	0.031
20	3.552		0.0000	0.000	34.1	0.005	BB	0.011	53.11	0.022
21	3.570		0.0000	0.000	63.0	0.009	BB	0.014	75.88	0.032
22	3.603		0.0000	0.000	225.4	0.031	BB	0.054	69.70	0.029
23	3.819		0.0000	0.000	2663.0	0.364	BB	0.077	578.65	0.241
24	3.964		0.0000	0.000	193.2	0.026	BB	0.020	164.07	0.068
25	4.029		0.0000	0.000	1329.1	0.182	BB	0.065	340.18	0.142
26	4.237		0.0000	0.000	2106.7	0.288	BB	0.071	494.08	0.206
27	4.369		0.0000	0.000	27.4	0.004	BB	0.009	51.38	0.021
28	4.413		0.0000	0.000	89.0	0.012	BB	0.036	41.59	0.017
29	4.503		0.0000	0.000	1785.7	0.244	BB	0.255	116.85	0.049
30	4.680		0.0000	0.000	2292.8	0.313	BB	0.085	448.45	0.187
31	4.786		0.0000	0.000	51.9	0.007	BB	0.015	57.36	0.024
32	4.886		0.0000	0.000	868.1	0.119	BB	0.072	202.28	0.084
33	5.070		0.0000	0.000	33.8	0.005	BB	0.012	45.76	0.019
34	5.103		0.0000	0.000	313.8	0.043	BB	0.028	189.21	0.079
35	5.136		0.0000	0.000	22.9	0.003	BB	0.008	48.80	0.020
36	5.170		0.0000	0.000	58.7	0.008	BB	0.019	52.05	0.022
37	5.263		0.0000	0.000	15434.1	2.108	BB	0.147	1753.27	0.730
38	5.436		0.0000	0.000	13234.6	1.808	BB	0.153	1442.15	0.601
39	5.726		0.0000	0.000	509.1	0.070	BB	0.023	375.96	0.157
40	5.921		0.0000	0.000	9740.3	1.330	BB	0.052	3135.70	1.306
41	6.103		0.0000	0.000	125.0	0.017	BB	0.036	58.22	0.024
42	6.163		0.0000	0.000	157.2	0.021	BB	0.037	69.88	0.029
43	6.321		0.0000	0.000	505.3	0.069	BB	0.124	67.80	0.028
44	6.579		0.0000	0.000	87335.1	11.928	BB	0.234	6208.31	2.586
45	6.836		0.0000	0.000	526.1	0.072	BB	0.044	198.02	0.082
46	6.946		0.0000	0.000	8488.0	1.159	BB	0.121	1167.70	0.486
47	7.270		0.0000	0.000	2439.6	0.333	BB	0.083	491.06	0.205
48	7.387		0.0000	0.000	126.6	0.017	BB	0.037	57.59	0.024
49	7.403		0.0000	0.000	63.0	0.009	BB	0.016	63.87	0.027
50	7.453		0.0000	0.000	41.5	0.006	BB	0.021	32.38	0.013
51	7.487		0.0000	0.000	71.6	0.010	BB	0.039	30.52	0.013
52	7.547		0.0000	0.000	67.2	0.009	BB	0.030	37.38	0.016
53	7.570		0.0000	0.000	38.5	0.005	BB	0.012	54.92	0.023
54	7.602		0.0000	0.000	114.3	0.016	BB	0.034	56.30	0.023
55	7.719		0.0000	0.000	33.7	0.005	BB	0.012	48.35	0.020
56	7.800		0.0000	0.000	241.2	0.033	BB	0.083	48.25	0.020
57	7.820		0.0000	0.000	53.2	0.007	BB	0.017	52.90	0.022
58	7.898		0.0000	0.000	1618.7	0.221	BB	0.037	735.65	0.306
59	8.096		0.0000	0.000	912.5	0.125	BB	0.077	196.70	0.082
60	8.222	DCB	205.8190	49.753	274690.8	37.518	BB	0.048	94661.93	39.429
61	8.486		0.0000	0.000	90.6	0.012	BB	0.029	52.15	0.022
62	8.547		0.0000	0.000	1430.1	0.195	BB	0.128	186.29	0.078

ASX04 1168

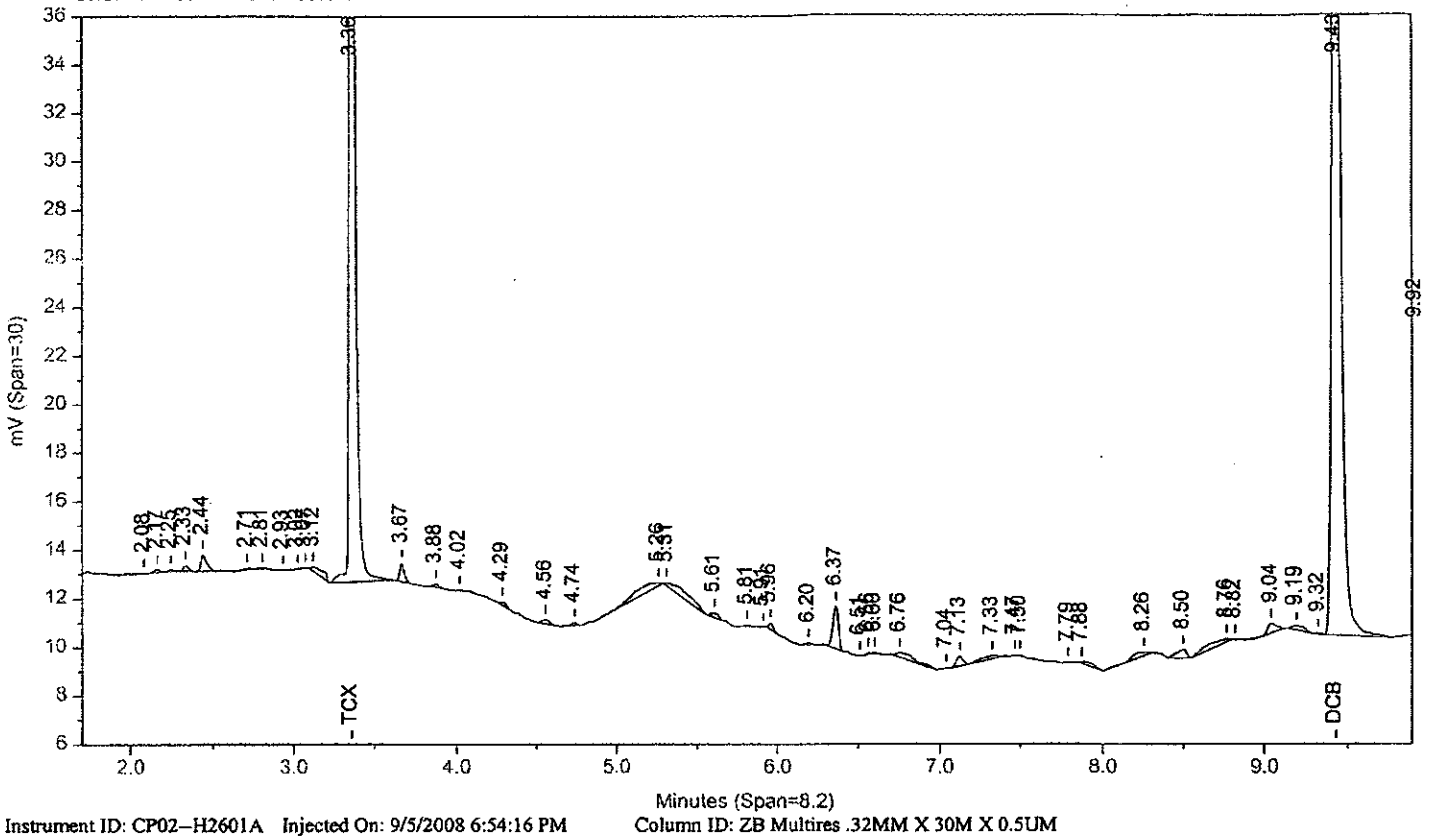
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.820		0.0000	0.000	30.2	0.004	BB	0.013	38.11	0.016
64	8.867		0.0000	0.000	181.0	0.025	BB	0.034	88.06	0.037
65	8.998		0.0000	0.000	558.3	0.076	BB	0.058	160.07	0.067
66	9.064		0.0000	0.000	121.2	0.017	BB	0.038	52.94	0.022
67	9.086		0.0000	0.000	607.6	0.083	BB	0.085	118.61	0.049
68	9.602		0.0000	0.000	24.4	0.003	BB	0.010	41.01	0.017
69	9.620		0.0000	0.000	51.4	0.007	BB	0.021	41.54	0.017
70	9.714		0.0000	0.000	8081.7	1.104	BB	0.233	577.63	0.241
71	9.933		0.0000	0.000	36829.0	5.030	BB	0.064	9618.02	4.006

Total Area = 732164.8, Total Amount = 413.68, Total Height = 240080.1, Sample Units = ug/l

0SX84 1161

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.21R

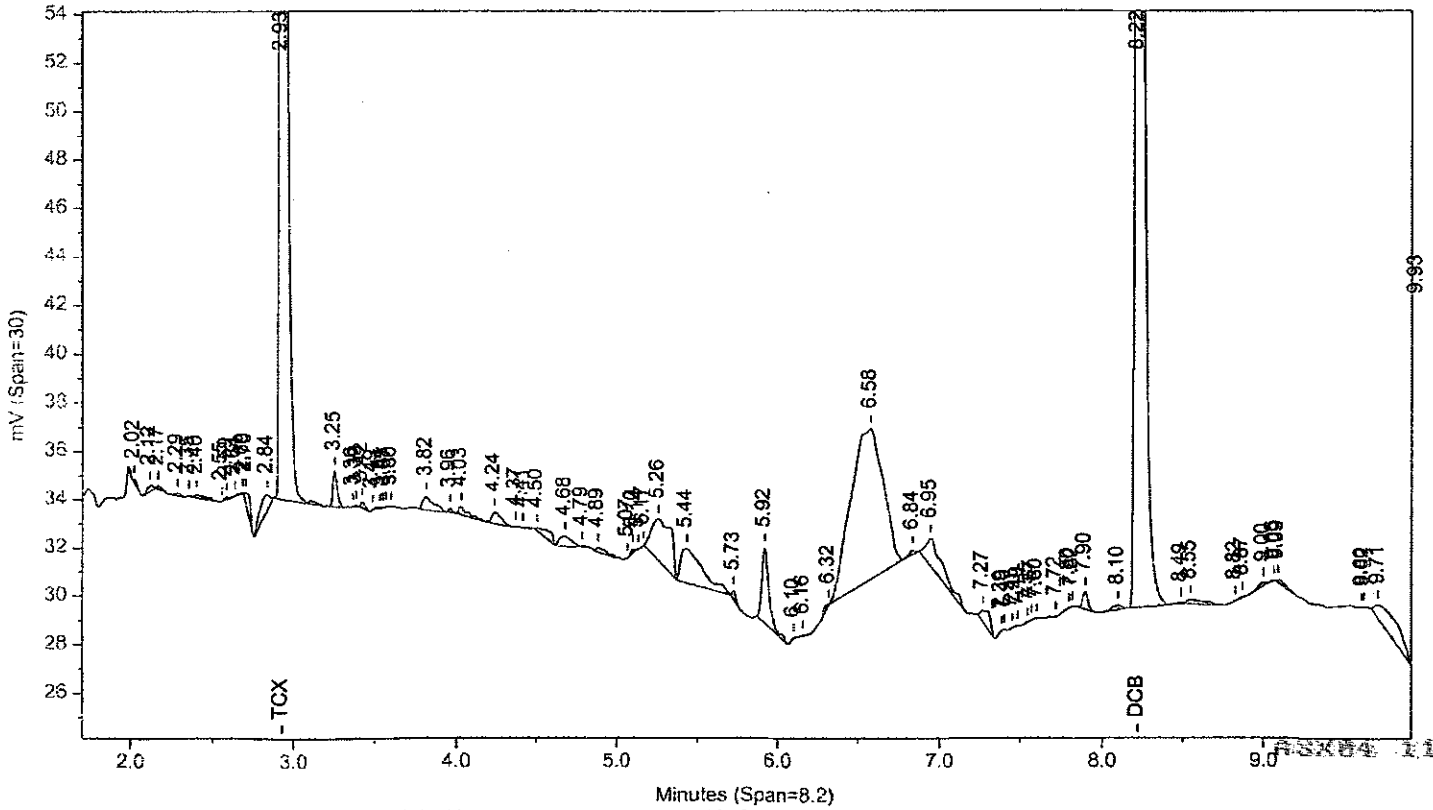
C:\CPWIN\DATA1\9P2235.21R



Instrument ID: CP02–H2601A Injected On: 9/5/2008 6:54:16 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.21R

C:\CPWIN\DATA1\9P2235B.21R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 6:54:16 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1000
Analyst: 2280

Dilution Factor: 10

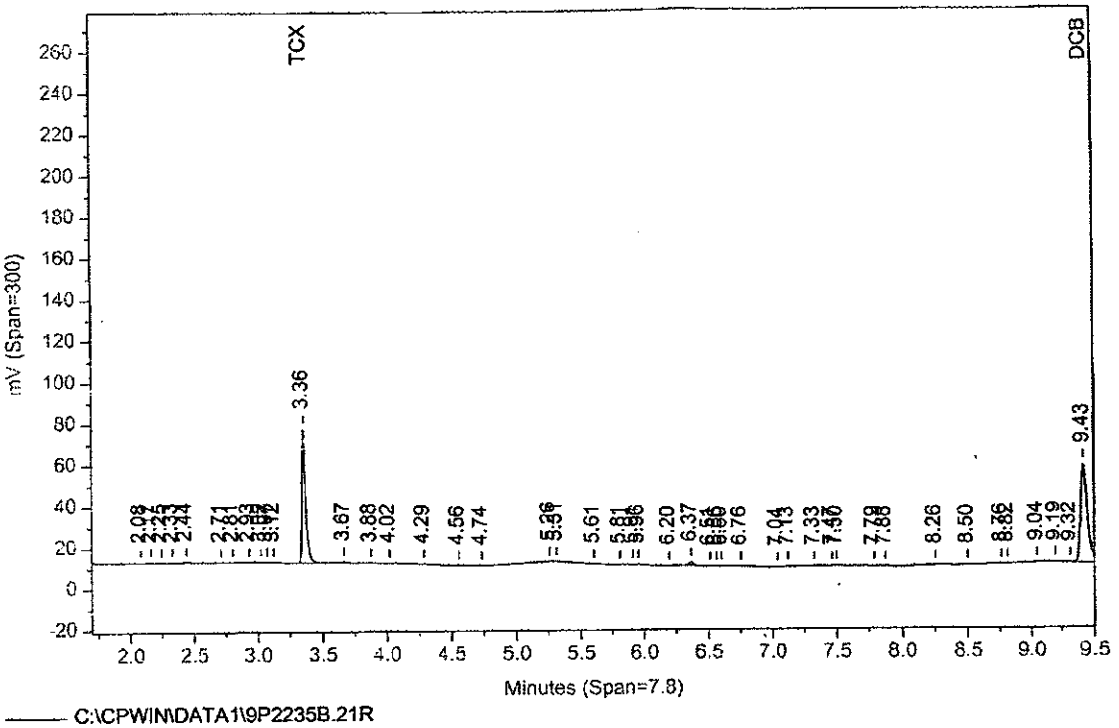
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	64874	.20345	TCX	2.928	110734	.20786	TCX
9.428	47550	.20798	DCB	8.222	94662	.20582	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.21A
Area File: C:\CPWIN\DATA1\9P2235B.21A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 11:31:26 AM
File Reported On: 9/6/2008 at 11:31:33 AM

10X REPLOTS

ASX84 1163

C:\CPWIN\DATA1\9P2235.21R



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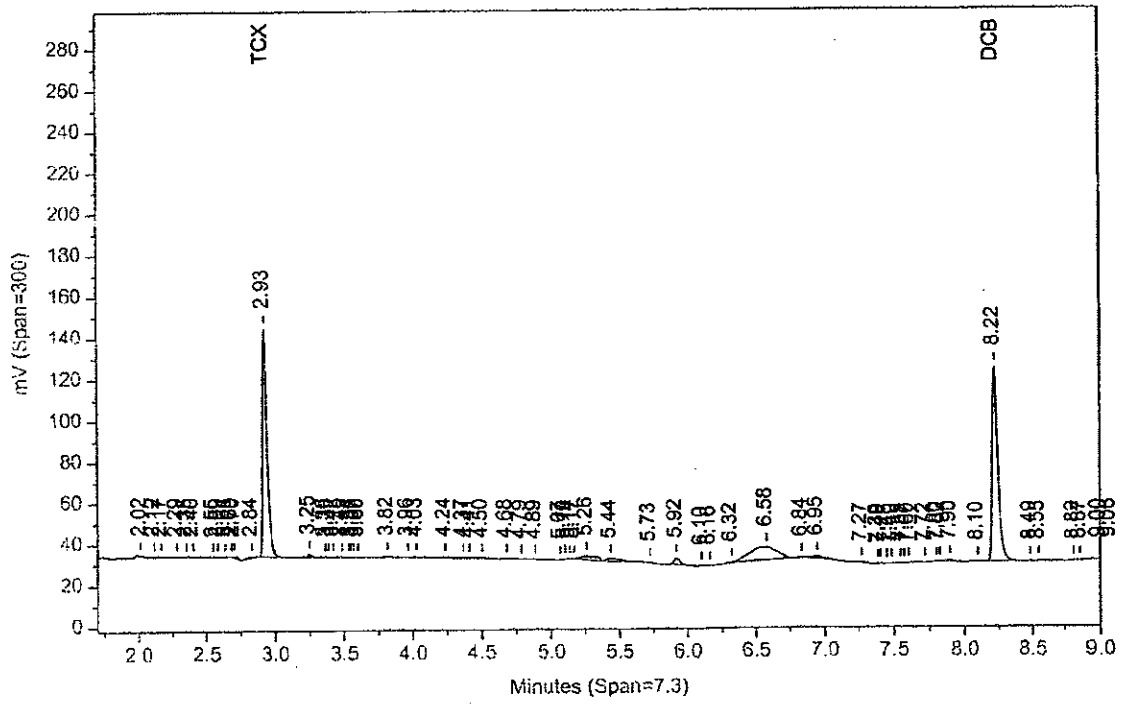

ASX64 1164

Sample Name: **AR1640824A DEAR164DE CCAL 0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 07:18:39pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.22R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.057		0.0000	0.000	123.5	0.003	BB	0.045	45.71	0.003
2	2.153		0.0000	0.000	1246.5	0.033	BB	0.043	482.07	0.030
3	2.250		0.0000	0.000	1053.1	0.028	BB	0.055	319.95	0.020
4	2.327		0.0000	0.000	1399.2	0.037	BB	0.038	619.34	0.038
5	2.435		0.0000	0.000	23540.7	0.616	BB	0.040	9928.49	0.611
6	2.709		0.0000	0.000	239.3	0.006	BB	0.053	75.27	0.005
7	2.803		0.0000	0.000	1609.9	0.042	BB	0.047	565.29	0.035
8	2.969		0.0000	0.000	239.5	0.006	BB	0.046	87.68	0.005
9	3.030		0.0000	0.000	469.8	0.012	BB	0.033	234.93	0.014
10	3.110		0.0000	0.000	3159.9	0.083	BB	0.094	561.55	0.035
11	3.289		0.0000	0.000	533.8	0.014	BB	0.095	93.40	0.006
12	3.349	TCX	58.5730	50.879	398924.7	10.446	BB	0.036	186773.10	11.488
13	3.590		0.0000	0.000	11275.5	0.295	BB	0.035	5302.31	0.326
14	3.680		0.0000	0.000	15759.1	0.413	BB	0.036	7312.12	0.450
15	3.757		0.0000	0.000	73925.1	1.936	BB	0.037	33184.88	2.041
16	3.870		0.0000	0.000	45.8	0.001	BB	0.011	66.33	0.004
17	3.908		0.0000	0.000	9196.9	0.241	BB	0.038	4070.52	0.250
18	4.022		0.0000	0.000	124.7	0.003	BB	0.027	77.60	0.005
19	4.107		0.0000	0.000	20323.5	0.532	BB	0.023	14729.33	0.906
20	4.126		0.0000	0.000	8893.6	0.233	BB	0.018	8020.96	0.493
21	4.238		0.0000	0.000	1600.7	0.042	BB	0.020	1344.63	0.083
22	4.292		0.0000	0.000	90062.3	2.358	BB	0.037	40512.17	2.492
23	4.413		0.0000	0.000	1070.5	0.028	BB	0.024	738.76	0.045
24	4.489		0.0000	0.000	33651.4	0.881	BB	0.048	11655.48	0.717
25	4.581		0.0000	0.000	208744.1	5.466	BB	0.038	91156.13	5.607
26	4.641		0.0000	0.000	60839.6	1.593	BB	0.029	34551.91	2.125
27	4.736		0.0000	0.000	70050.8	1.834	BB	0.031	37909.09	2.332
28	4.795		0.0000	0.000	803.8	0.021	BB	0.014	924.00	0.057
29	4.848		0.0000	0.000	26406.7	0.691	BB	0.023	19270.11	1.185
30	4.891		0.0000	0.000	61703.6	1.616	BB	0.048	21462.91	1.320
31	5.038		0.0000	0.000	97847.9	2.562	BB	0.047	34456.59	2.119
32	5.120		0.0000	0.000	6122.4	0.160	BB	0.019	5481.47	0.337
33	5.172		0.0000	0.000	54640.9	1.431	BB	0.031	29407.10	1.809
34	5.230		0.0000	0.000	8501.4	0.223	BB	0.024	5842.13	0.359
35	5.304		0.0000	0.000	1104.5	0.029	BB	0.024	755.19	0.046
36	5.363		0.0000	0.000	1488.0	0.039	BB	0.023	1064.90	0.066
37	5.414		0.0000	0.000	125964.2	3.298	BB	0.063	33590.02	2.066
38	5.581		0.0000	0.000	3298.9	0.086	BB	0.025	2229.99	0.137
39	5.643		0.0000	0.000	67103.9	1.757	BB	0.041	27263.00	1.677
40	5.776		0.0000	0.000	111.9	0.003	BB	0.023	81.76	0.005
41	5.840		0.0000	0.000	1446.8	0.038	BB	0.031	782.27	0.048
42	5.930		0.0000	0.000	28836.9	0.755	BB	0.037	12970.81	0.798
43	5.995		0.0000	0.000	18499.1	0.484	BB	0.029	10660.60	0.656
44	6.066		0.0000	0.000	99765.9	2.612	BB	0.049	33830.45	2.081
45	6.167		0.0000	0.000	156343.9	4.094	BB	0.038	67948.54	4.179
46	6.287		0.0000	0.000	13414.9	0.351	BB	0.037	6101.85	0.375
47	6.369		0.0000	0.000	21846.5	0.572	BB	0.031	11770.62	0.724
48	6.441		0.0000	0.000	173464.6	4.542	BB	0.037	79193.11	4.871
49	6.497		0.0000	0.000	8138.3	0.213	BB	0.020	6812.40	0.419
50	6.558		0.0000	0.000	68140.0	1.784	BB	0.037	30785.17	1.894
51	6.664		0.0000	0.000	4516.3	0.118	BB	0.022	3436.12	0.211
52	6.708		0.0000	0.000	197730.9	5.178	BB	0.038	87602.09	5.388
53	6.798		0.0000	0.000	79194.4	2.074	BB	0.028	47276.15	2.908
54	6.852		0.0000	0.000	34262.7	0.897	BB	0.027	21462.66	1.320
55	6.982		0.0000	0.000	3749.0	0.098	BB	0.033	1869.59	0.115
56	7.013		0.0000	0.000	107194.6	2.807	BB	0.034	52438.44	3.225
57	7.095		0.0000	0.000	36711.3	0.961	BB	0.028	21854.47	1.344
58	7.147		0.0000	0.000	12258.6	0.321	BB	0.024	8373.86	0.515
59	7.276		0.0000	0.000	28663.6	0.751	BB	0.035	13829.67	0.851
60	7.361		0.0000	0.000	350914.5	9.189	BB	0.044	134196.90	8.254
61	7.695		0.0000	0.000	167001.0	4.373	BB	0.036	77190.00	4.748
62	7.792		0.0000	0.000	46265.1	1.211	BB	0.039	19764.14	1.216

ASX84 1165

AR1640824A DEAR164DE CCAL 0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.045		0.0000	0.000	3932.7	0.103	BB	0.041	1605.28	0.099
64	8.206		0.0000	0.000	50405.4	1.320	BB	0.052	16044.46	0.987
65	8.550		0.0000	0.000	93007.9	2.435	BB	0.045	34478.56	2.121
66	8.649		0.0000	0.000	2635.8	0.069	BB	0.033	1348.30	0.083
67	8.753		0.0000	0.000	19.0	0.000	BB	0.013	23.84	0.001
68	9.034		0.0000	0.000	31185.6	0.817	BB	0.048	10799.99	0.664
69	9.422	DCB	56.5482	49.121	453374.8	11.872	BB	0.058	129285.30	7.952
70	9.921		0.0000	0.000	32810.2	0.859	BB	0.056	9787.57	0.602

Total Area = 3818932.0, Total Amount = 115.121, Total Height = 1625771.0, Sample Units = ug/l

ASX84 1166

Sample Name: **AR1640824A DEAR164DE CCAL 0824899999**
Acquired from CP02--H2601B via port 2 on 9/5/08 07:18:39pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.22R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.140		0.0000	0.000	277.4	0.005	BB	0.043	107.52	0.004
2	2.168		0.0000	0.000	662.1	0.011	BB	0.039	280.98	0.010
3	2.305		0.0000	0.000	742.8	0.012	BB	0.042	293.45	0.011
4	2.404		0.0000	0.000	353.5	0.006	BB	0.037	157.84	0.006
5	2.483		0.0000	0.000	2164.9	0.035	BB	0.050	717.67	0.027
6	2.640		0.0000	0.000	2355.7	0.038	BB	0.077	510.09	0.019
7	2.840		0.0000	0.000	5182.9	0.085	BB	0.126	684.72	0.026
8	2.923	TCX	55.5662	51.105	719602.6	11.741	BB	0.041	296019.10	11.045
9	3.123		0.0000	0.000	209.7	0.003	BB	0.026	134.96	0.005
10	3.174		0.0000	0.000	19644.5	0.321	BB	0.033	9959.51	0.372
11	3.267		0.0000	0.000	28925.9	0.472	BB	0.038	12586.88	0.470
12	3.349		0.0000	0.000	134339.2	2.192	BB	0.040	56163.64	2.096
13	3.523		0.0000	0.000	17274.9	0.282	BB	0.038	7563.28	0.282
14	3.682		0.0000	0.000	279340.8	4.558	BB	0.055	85104.73	3.176
15	3.825		0.0000	0.000	2412.3	0.039	BB	0.021	1946.36	0.073
16	3.865		0.0000	0.000	154377.9	2.519	BB	0.039	66817.00	2.493
17	3.996		0.0000	0.000	6218.0	0.101	BB	0.040	2618.72	0.098
18	4.012		0.0000	0.000	6831.7	0.111	BB	0.019	6055.32	0.226
19	4.112		0.0000	0.000	318639.8	5.199	BB	0.037	144420.10	5.389
20	4.169		0.0000	0.000	86204.7	1.407	BB	0.031	46975.53	1.753
21	4.288		0.0000	0.000	101038.8	1.649	BB	0.027	61345.78	2.289
22	4.345		0.0000	0.000	29182.3	0.476	BB	0.021	23208.84	0.866
23	4.379		0.0000	0.000	91601.8	1.495	BB	0.040	37783.15	1.410
24	4.550		0.0000	0.000	129512.6	2.113	BB	0.039	55955.91	2.088
25	4.613		0.0000	0.000	10400.4	0.170	BB	0.019	9076.89	0.339
26	4.665		0.0000	0.000	2208.1	0.036	BB	0.021	1718.49	0.064
27	4.692		0.0000	0.000	74966.5	1.223	BB	0.029	43592.40	1.627
28	4.756		0.0000	0.000	20661.6	0.337	BB	0.026	13375.35	0.499
29	4.827		0.0000	0.000	672.8	0.011	BB	0.016	706.95	0.026
30	4.864		0.0000	0.000	7015.4	0.114	BB	0.020	5822.37	0.217
31	4.899		0.0000	0.000	132118.0	2.156	BB	0.041	54081.42	2.018
32	4.993		0.0000	0.000	2997.1	0.049	BB	0.020	2500.38	0.093
33	5.052		0.0000	0.000	116634.6	1.903	BB	0.044	43988.85	1.641
34	5.268		0.0000	0.000	4228.1	0.069	BB	0.040	1747.12	0.065
35	5.351		0.0000	0.000	12887.8	0.210	BB	0.028	7639.71	0.285
36	5.459		0.0000	0.000	87162.0	1.422	BB	0.038	38633.99	1.442
37	5.495		0.0000	0.000	13761.1	0.225	BB	0.021	10899.22	0.407
38	5.574		0.0000	0.000	250612.5	4.089	BB	0.038	109631.60	4.091
39	5.668		0.0000	0.000	2061.0	0.034	BB	0.015	2265.26	0.085
40	5.707		0.0000	0.000	31657.9	0.517	BB	0.027	19811.80	0.739
41	5.767		0.0000	0.000	306560.0	5.002	BB	0.040	128876.70	4.809
42	5.911		0.0000	0.000	260091.0	4.244	BB	0.037	117826.90	4.396
43	5.980		0.0000	0.000	7402.6	0.121	BB	0.020	6181.13	0.231
44	6.037		0.0000	0.000	28436.6	0.464	BB	0.024	20027.05	0.747
45	6.086		0.0000	0.000	131417.2	2.144	BB	0.027	81113.22	3.027
46	6.126		0.0000	0.000	63954.6	1.044	BB	0.022	48506.73	1.810
47	6.177		0.0000	0.000	43284.1	0.706	BB	0.025	28992.36	1.082
48	6.312		0.0000	0.000	34938.7	0.570	BB	0.033	17574.56	0.656
49	6.381		0.0000	0.000	228104.2	3.722	BB	0.039	97695.12	3.645
50	6.478		0.0000	0.000	61461.3	1.003	BB	0.026	38913.62	1.452
51	6.520		0.0000	0.000	9242.1	0.151	BB	0.018	8664.78	0.323
52	6.557		0.0000	0.000	10108.4	0.165	BB	0.020	8628.17	0.322
53	6.631		0.0000	0.000	490745.6	8.007	BB	0.039	210147.00	7.841
54	6.724		0.0000	0.000	3689.8	0.060	BB	0.021	2883.57	0.108
55	6.824		0.0000	0.000	180.2	0.003	BB	0.023	130.68	0.005
56	6.915		0.0000	0.000	73232.9	1.195	BB	0.028	43852.52	1.636
57	6.973		0.0000	0.000	358431.6	5.848	BB	0.039	154184.40	5.753
58	7.191		0.0000	0.000	5515.9	0.090	BB	0.030	3085.63	0.115
59	7.253		0.0000	0.000	3408.4	0.056	BB	0.024	2319.71	0.087
60	7.291		0.0000	0.000	2253.1	0.037	BB	0.026	1431.46	0.053
61	7.369		0.0000	0.000	64282.8	1.049	BB	0.039	27809.28	1.038
62	7.540		0.0000	0.000	187957.3	3.067	BB	0.044	70582.16	2.634

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AR1640824A DEAR164DE CCAL 0824899999

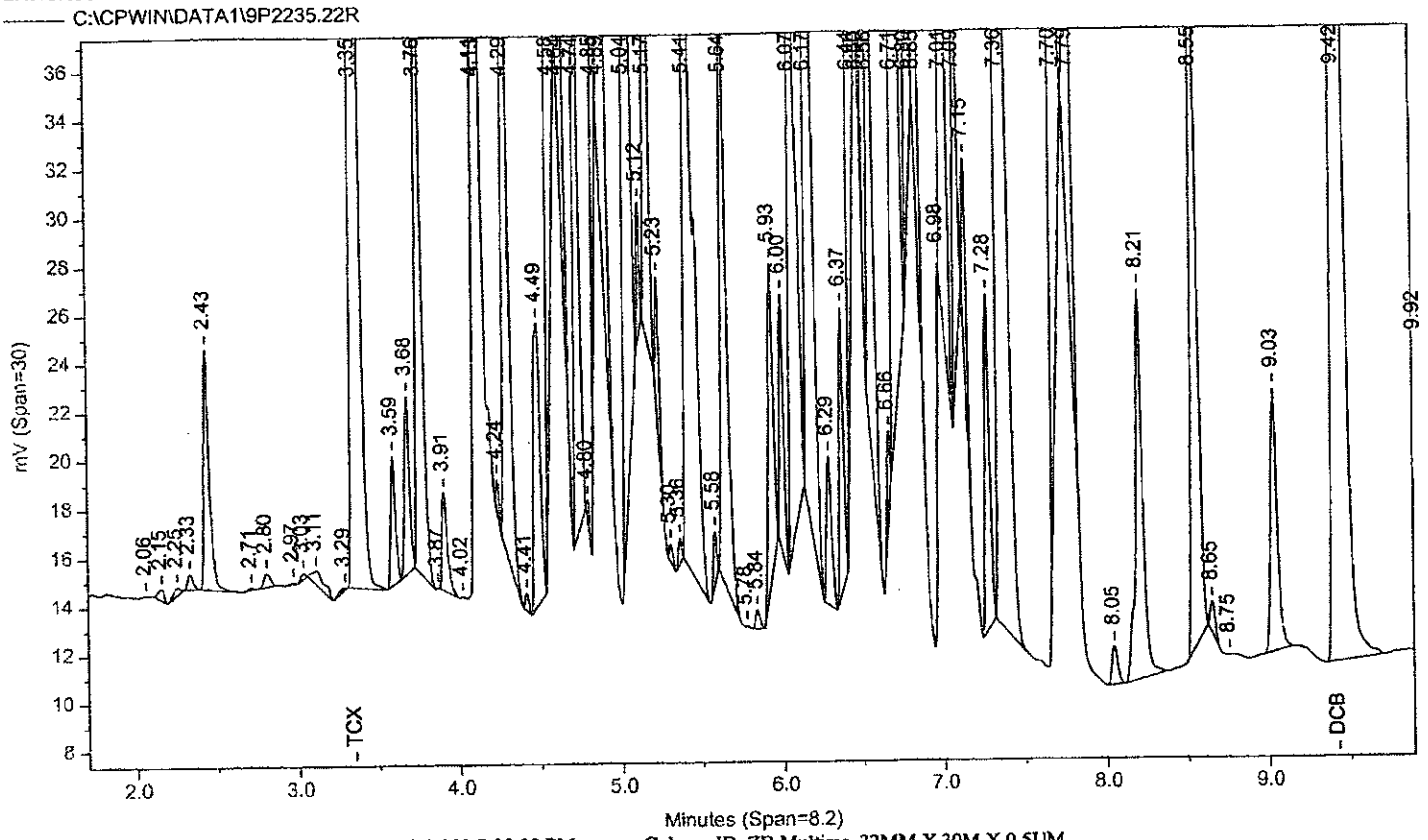
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.724		0.0000	0.000	29.0	0.000	BB	0.008	58.35	0.002
64	7.774		0.0000	0.000	52.5	0.001	BB	0.021	41.58	0.002
65	7.790		0.0000	0.000	236.7	0.004	BB	0.031	126.91	0.005
66	7.897		0.0000	0.000	56744.8	0.926	BB	0.043	22249.92	0.830
67	8.057		0.0000	0.000	156.3	0.003	BB	0.026	101.53	0.004
68	8.216	DCB	53.1639	48.895	743974.9	12.139	BB	0.051	244515.60	9.124
69	8.456		0.0000	0.000	20.9	0.000	BB	0.007	48.37	0.002
70	8.490		0.0000	0.000	71.6	0.001	BB	0.013	90.51	0.003
71	8.507		0.0000	0.000	1981.0	0.032	BB	0.210	156.88	0.006
72	8.690		0.0000	0.000	60.6	0.001	BB	0.014	72.86	0.003
73	8.740		0.0000	0.000	29.1	0.000	BB	0.008	63.31	0.002
74	8.790		0.0000	0.000	25.2	0.000	BB	0.006	66.11	0.002
75	8.824		0.0000	0.000	74.6	0.001	BB	0.025	49.36	0.002
76	8.841		0.0000	0.000	23.2	0.000	BB	0.007	51.69	0.002
77	8.890		0.0000	0.000	38.5	0.001	BB	0.012	55.36	0.002
78	8.924		0.0000	0.000	43.1	0.001	BB	0.015	47.51	0.002
79	8.940		0.0000	0.000	33.1	0.001	BB	0.009	62.17	0.002
80	8.974		0.0000	0.000	39.3	0.001	BB	0.010	63.09	0.002
81	9.007		0.0000	0.000	45.2	0.001	BB	0.010	73.57	0.003
82	9.039		0.0000	0.000	206.3	0.003	BB	0.038	91.64	0.003
83	9.123		0.0000	0.000	898.9	0.015	BB	0.120	124.49	0.005
84	9.340		0.0000	0.000	23.2	0.000	BB	0.007	55.07	0.002
85	9.356		0.0000	0.000	374.1	0.006	BB	0.073	84.97	0.003
86	9.490		0.0000	0.000	173.7	0.003	BB	0.024	118.87	0.004
87	9.556		0.0000	0.000	40.4	0.001	BB	0.012	58.34	0.002
88	9.607		0.0000	0.000	23.1	0.000	BB	0.006	67.78	0.003
89	9.640		0.0000	0.000	82.7	0.001	BB	0.018	74.94	0.003
90	9.706		0.0000	0.000	37.6	0.001	BB	0.010	65.53	0.002
91	9.723		0.0000	0.000	4366.8	0.071	BB	0.288	252.44	0.009
92	9.939		0.0000	0.000	36989.3	0.604	BB	0.071	8712.60	0.325

Total Area = 6128736.0, Total Amount = 108.73, Total Height = 2680031.0, Sample Units = ug/l

ASX04 1168

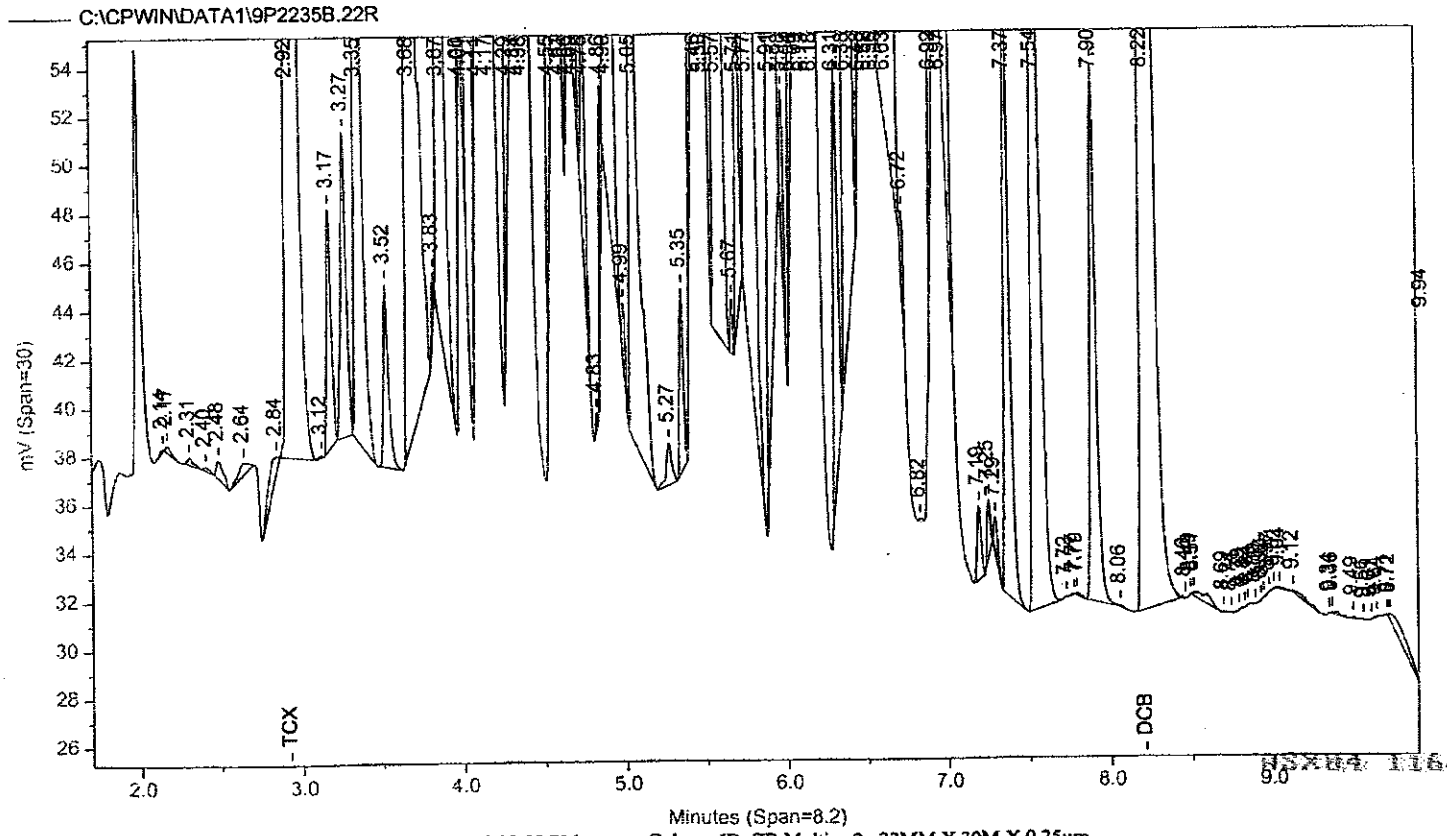
LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.22R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 7:08:39 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.22R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 7:08:39 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

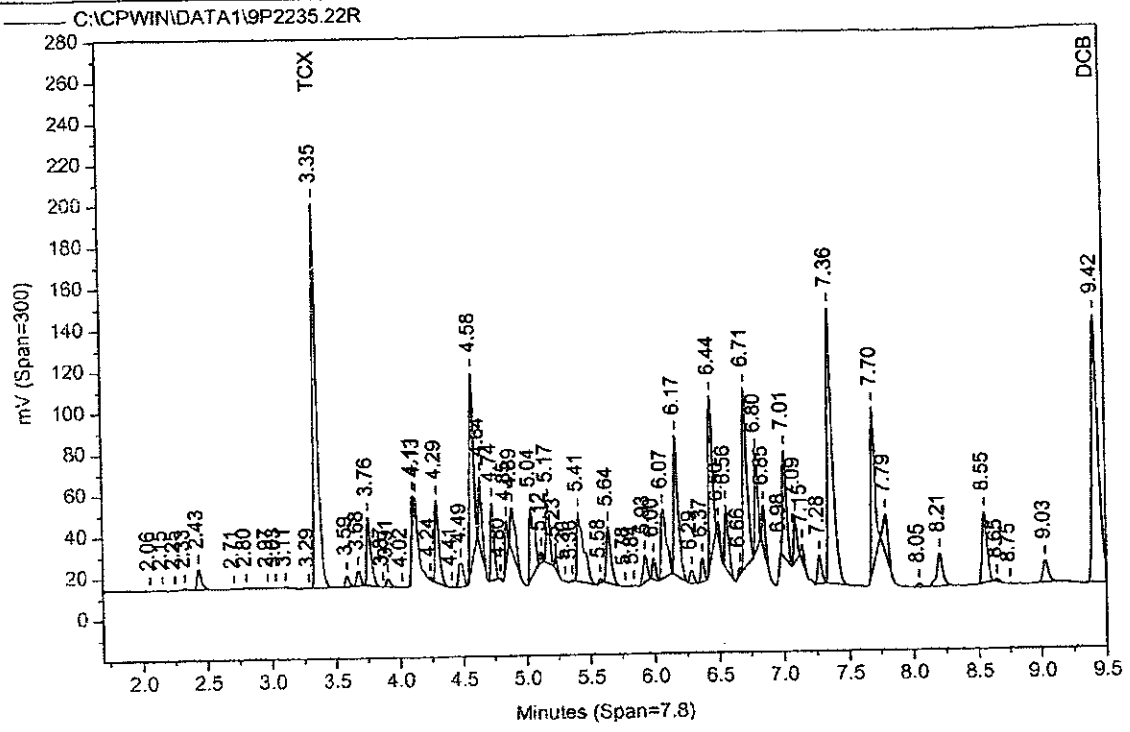
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	186773	58.57302	TCX	2.923	296019	55.56618	TCX
9.422	129285	56.54817	DCB	8.216	244516	53.16388	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.22A
Area File: C:\CPWIN\DATA1\9P2235B.22A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 11:31:42 AM
File Reported On: 9/6/2008 at 11:31:51 AM

10X REPLOTS

ASX84 1120

C:\CPWIN\DATA1\9P2235.22R



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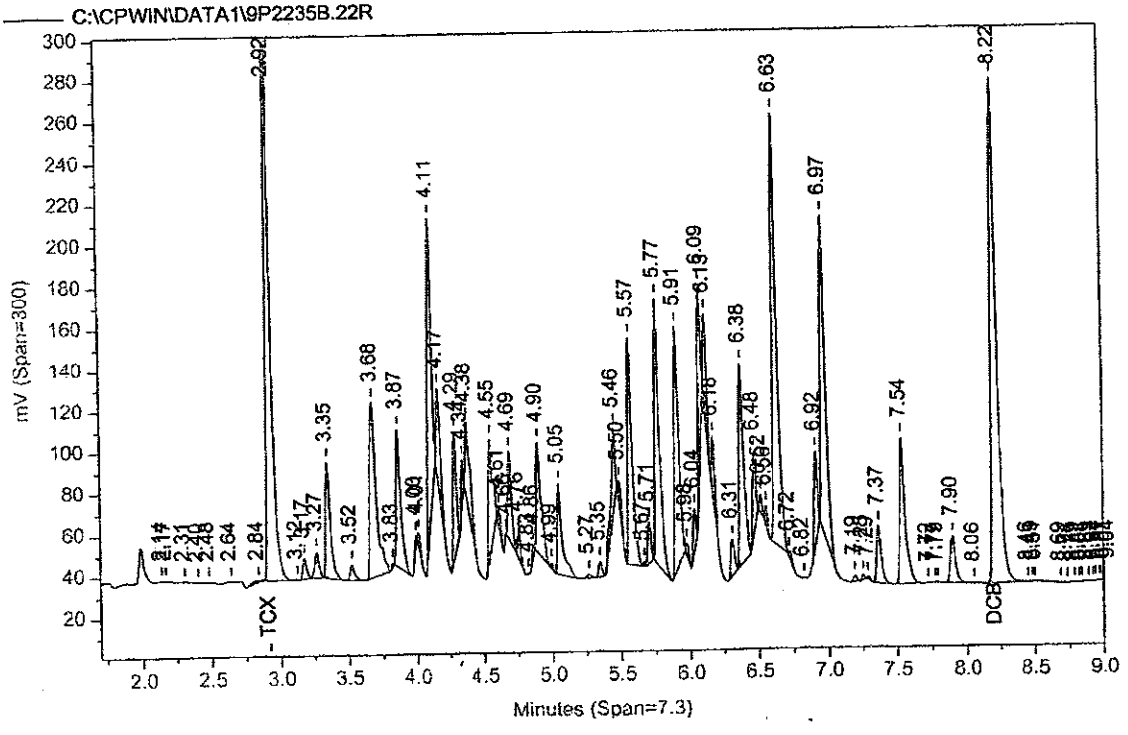

AR1630824A FPAR163FP CCAL 0824899999

Sample Name: **AR1630824A FPAR163FP CCAL 0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 09:57:13pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.33R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.066		0.0000	0.000	117.1	0.006	BB	0.051	38.30	0.005
2	2.156		0.0000	0.000	613.8	0.033	BB	0.037	274.43	0.036
3	2.250		0.0000	0.000	337.7	0.018	BB	0.058	97.56	0.013
4	2.327		0.0000	0.000	1060.0	0.057	BB	0.037	471.61	0.062
5	2.436		0.0000	0.000	23730.5	1.273	BB	0.039	10253.15	1.349
6	2.709		0.0000	0.000	141.8	0.008	BB	0.049	47.86	0.006
7	2.806		0.0000	0.000	1115.5	0.060	BB	0.062	301.37	0.040
8	3.118		0.0000	0.000	13110.1	0.703	BB	0.167	1306.07	0.172
9	3.349	TCX	41.7938	50.944	284882.8	15.279	BB	0.036	133268.80	17.533
10	3.588		0.0000	0.000	4037.6	0.217	BB	0.035	1936.74	0.255
11	3.676		0.0000	0.000	7232.8	0.388	BB	0.038	3191.05	0.420
12	3.755		0.0000	0.000	28847.1	1.547	BB	0.037	12942.49	1.703
13	3.868		0.0000	0.000	59.3	0.003	BB	0.014	70.61	0.009
14	3.905		0.0000	0.000	3154.3	0.169	BB	0.036	1473.66	0.194
15	4.045		0.0000	0.000	14.9	0.001	BB	0.017	14.58	0.002
16	4.105		0.0000	0.000	7637.2	0.410	BB	0.031	4084.89	0.537
17	4.123		0.0000	0.000	3720.8	0.200	BB	0.020	3139.72	0.413
18	4.237		0.0000	0.000	573.0	0.031	BB	0.019	511.45	0.067
19	4.290		0.0000	0.000	35197.1	1.888	BB	0.036	16097.46	2.118
20	4.410		0.0000	0.000	302.8	0.016	BB	0.022	226.74	0.030
21	4.486		0.0000	0.000	12285.2	0.659	BB	0.047	4336.14	0.570
22	4.579		0.0000	0.000	82964.9	4.450	BB	0.038	35956.62	4.730
23	4.641		0.0000	0.000	24717.6	1.326	BB	0.030	13814.60	1.817
24	4.734		0.0000	0.000	26749.5	1.435	BB	0.031	14389.22	1.893
25	4.792		0.0000	0.000	325.7	0.017	BB	0.016	343.65	0.045
26	4.847		0.0000	0.000	11131.2	0.597	BB	0.025	7513.97	0.989
27	4.890		0.0000	0.000	23707.9	1.272	BB	0.047	8351.30	1.099
28	5.037		0.0000	0.000	38261.4	2.052	BB	0.047	13562.60	1.784
29	5.119		0.0000	0.000	2277.3	0.122	BB	0.019	1972.35	0.259
30	5.170		0.0000	0.000	21218.3	1.138	BB	0.031	11538.37	1.518
31	5.227		0.0000	0.000	3416.6	0.183	BB	0.026	2232.60	0.294
32	5.302		0.0000	0.000	525.5	0.028	BB	0.026	340.75	0.045
33	5.360		0.0000	0.000	531.7	0.029	BB	0.022	402.87	0.053
34	5.412		0.0000	0.000	48319.6	2.592	BB	0.062	13003.75	1.711
35	5.579		0.0000	0.000	1296.2	0.070	BB	0.026	845.63	0.111
36	5.641		0.0000	0.000	26187.6	1.405	BB	0.040	11039.62	1.452
37	5.769		0.0000	0.000	29.5	0.002	BB	0.018	27.58	0.004
38	5.835		0.0000	0.000	591.8	0.032	BB	0.033	296.03	0.039
39	5.928		0.0000	0.000	11843.9	0.635	BB	0.038	5151.59	0.678
40	5.994		0.0000	0.000	6991.4	0.375	BB	0.028	4132.67	0.544
41	6.065		0.0000	0.000	40956.6	2.197	BB	0.049	14059.44	1.850
42	6.166		0.0000	0.000	65439.3	3.510	BB	0.038	28520.97	3.752
43	6.285		0.0000	0.000	5081.5	0.273	BB	0.034	2455.96	0.323
44	6.367		0.0000	0.000	9905.6	0.531	BB	0.031	5292.25	0.696
45	6.440		0.0000	0.000	72829.3	3.906	BB	0.037	33029.96	4.345
46	6.495		0.0000	0.000	3358.8	0.180	BB	0.023	2482.07	0.327
47	6.557		0.0000	0.000	26357.3	1.414	BB	0.038	11474.63	1.510
48	6.661		0.0000	0.000	1924.5	0.103	BB	0.022	1435.40	0.189
49	6.707		0.0000	0.000	78326.5	4.201	BB	0.037	35213.29	4.633
50	6.797		0.0000	0.000	33013.5	1.771	BB	0.029	19024.36	2.503
51	6.852		0.0000	0.000	13875.0	0.744	BB	0.027	8466.99	1.114
52	7.014		0.0000	0.000	61098.9	3.277	BB	0.043	23876.93	3.141
53	7.095		0.0000	0.000	15632.5	0.838	BB	0.029	8888.96	1.169
54	7.147		0.0000	0.000	4896.2	0.263	BB	0.025	3297.07	0.434
55	7.276		0.0000	0.000	10817.2	0.580	BB	0.035	5115.52	0.673
56	7.362		0.0000	0.000	137551.5	7.377	BB	0.043	53325.90	7.016
57	7.697		0.0000	0.000	65593.6	3.518	BB	0.036	30341.85	3.992
58	7.791		0.0000	0.000	19983.7	1.072	BB	0.039	8499.29	1.118
59	8.044		0.0000	0.000	1437.7	0.077	BB	0.036	657.11	0.086
60	8.207		0.0000	0.000	18846.2	1.011	BB	0.051	6170.51	0.812
61	8.349		0.0000	0.000	566.9	0.030	BB	0.049	191.45	0.025
62	8.549		0.0000	0.000	37359.8	2.004	BB	0.044	14007.25	1.843

ASX84 1172

AR1630824A FPAR163FP CCAL 0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.650		0.0000	0.000	1074.0	0.058	BB	0.031	578.05	0.076
64	8.800		0.0000	0.000	992.5	0.053	BB	0.079	208.22	0.027
65	8.931		0.0000	0.000	98.0	0.005	BB	0.033	48.74	0.006
66	9.034		0.0000	0.000	12770.0	0.685	BB	0.048	4454.52	0.586
67	9.191		0.0000	0.000	139.8	0.007	BB	0.036	64.69	0.009
68	9.246		0.0000	0.000	562.1	0.030	BB	0.053	177.20	0.023
69	9.425	DCB	40.2451	49.056	332047.3	17.809	BB	0.060	92011.80	12.105
70	9.860		0.0000	0.000	200.2	0.011	BB	0.051	65.03	0.009
71	9.936		0.0000	0.000	32497.0	1.743	BB	0.071	7666.20	1.009

Total Area = 1864492.0, Total Amount = 82.039, Total Height = 760101.9, Sample Units = ug/l

ASX84 1173

AR1630824A FPAR163FP CCAL 0824899999

Sample Name: **AR1630824A FPAR163FP CCAL 0824899999**
Acquired from CP02--H2601B via port 2 on 9/5/08 09:57:13pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.33R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.097		0.0000	0.000	29.2	0.001	BB	0.011	46.26	0.004
2	2.147		0.0000	0.000	149.2	0.005	BB	0.057	43.81	0.003
3	2.164		0.0000	0.000	746.0	0.025	BB	0.047	267.36	0.021
4	2.280		0.0000	0.000	22.8	0.001	BB	0.008	46.46	0.004
5	2.312		0.0000	0.000	12.6	0.000	BB	0.005	43.16	0.003
6	2.345		0.0000	0.000	70.9	0.002	BB	0.014	81.74	0.006
7	2.396		0.0000	0.000	289.5	0.010	BB	0.034	141.38	0.011
8	2.480		0.0000	0.000	901.3	0.030	BB	0.047	320.44	0.025
9	2.597		0.0000	0.000	148.0	0.005	BB	0.057	43.51	0.003
10	2.613		0.0000	0.000	31.2	0.001	BB	0.009	57.75	0.004
11	2.647		0.0000	0.000	622.7	0.021	BB	0.048	217.30	0.017
12	2.713		0.0000	0.000	1975.0	0.065	BB	0.026	1255.38	0.097
13	2.846		0.0000	0.000	9182.3	0.304	BB	0.144	1066.28	0.082
14	2.880		0.0000	0.000	37.0	0.001	BB	0.009	68.04	0.005
15	2.923	TCX	39.9980	50.416	495618.0	16.429	BB	0.039	213082.50	16.435
16	3.113		0.0000	0.000	167.8	0.006	BB	0.023	124.23	0.010
17	3.173		0.0000	0.000	7226.9	0.240	BB	0.033	3694.02	0.285
18	3.264		0.0000	0.000	13541.5	0.449	BB	0.042	5390.16	0.416
19	3.347		0.0000	0.000	53979.3	1.789	BB	0.039	23061.83	1.779
20	3.521		0.0000	0.000	6527.3	0.216	BB	0.039	2816.44	0.217
21	3.630		0.0000	0.000	24.5	0.001	BB	0.008	50.90	0.004
22	3.678		0.0000	0.000	111769.2	3.705	BB	0.053	35368.55	2.728
23	3.821		0.0000	0.000	793.9	0.026	BB	0.019	698.77	0.054
24	3.861		0.0000	0.000	60057.8	1.991	BB	0.037	26863.96	2.072
25	3.992		0.0000	0.000	3127.1	0.104	BB	0.031	1691.04	0.130
26	4.011		0.0000	0.000	2811.5	0.093	BB	0.020	2312.52	0.178
27	4.108		0.0000	0.000	129654.5	4.298	BB	0.035	61020.11	4.706
28	4.166		0.0000	0.000	35252.8	1.169	BB	0.030	19634.74	1.514
29	4.285		0.0000	0.000	40038.1	1.327	BB	0.028	24006.69	1.852
30	4.342		0.0000	0.000	12375.2	0.410	BB	0.023	8862.72	0.684
31	4.377		0.0000	0.000	36946.8	1.225	BB	0.039	15792.57	1.218
32	4.547		0.0000	0.000	53510.2	1.774	BB	0.038	23291.60	1.796
33	4.611		0.0000	0.000	3615.7	0.120	BB	0.019	3138.82	0.242
34	4.689		0.0000	0.000	40957.3	1.358	BB	0.034	19884.24	1.534
35	4.753		0.0000	0.000	8573.8	0.284	BB	0.027	5374.08	0.414
36	4.824		0.0000	0.000	255.7	0.008	BB	0.017	257.60	0.020
37	4.860		0.0000	0.000	2834.2	0.094	BB	0.020	2352.00	0.181
38	4.896		0.0000	0.000	52871.3	1.753	BB	0.040	21877.93	1.687
39	4.990		0.0000	0.000	1293.1	0.043	BB	0.021	1050.10	0.081
40	5.048		0.0000	0.000	45449.1	1.507	BB	0.043	17521.54	1.351
41	5.264		0.0000	0.000	2546.5	0.084	BB	0.049	867.75	0.067
42	5.346		0.0000	0.000	4909.8	0.163	BB	0.026	3195.11	0.246
43	5.455		0.0000	0.000	35960.1	1.192	BB	0.037	16078.03	1.240
44	5.492		0.0000	0.000	5536.2	0.184	BB	0.026	3567.08	0.275
45	5.570		0.0000	0.000	104005.4	3.448	BB	0.038	45948.20	3.544
46	5.664		0.0000	0.000	847.9	0.028	BB	0.015	944.55	0.073
47	5.703		0.0000	0.000	12845.8	0.426	BB	0.027	7981.40	0.616
48	5.763		0.0000	0.000	127623.3	4.230	BB	0.039	55009.19	4.243
49	5.906		0.0000	0.000	111077.1	3.682	BB	0.037	50169.49	3.870
50	5.979		0.0000	0.000	3161.2	0.105	BB	0.020	2676.33	0.206
51	6.035		0.0000	0.000	11780.1	0.390	BB	0.023	8471.68	0.653
52	6.082		0.0000	0.000	58238.5	1.930	BB	0.027	35548.54	2.742
53	6.123		0.0000	0.000	30438.5	1.009	BB	0.023	22036.06	1.700
54	6.175		0.0000	0.000	20060.0	0.665	BB	0.024	13875.77	1.070
55	6.308		0.0000	0.000	15648.7	0.519	BB	0.033	7827.61	0.604
56	6.377		0.0000	0.000	95054.7	3.151	BB	0.038	41350.34	3.189
57	6.475		0.0000	0.000	27069.5	0.897	BB	0.027	16767.22	1.293
58	6.517		0.0000	0.000	4109.9	0.136	BB	0.018	3741.82	0.289
59	6.554		0.0000	0.000	4071.8	0.135	BB	0.020	3355.51	0.259
60	6.629		0.0000	0.000	209695.1	6.951	BB	0.039	90409.65	6.973
61	6.720		0.0000	0.000	1559.3	0.052	BB	0.021	1245.48	0.096
62	6.830		0.0000	0.000	81.1	0.003	BB	0.014	98.99	0.008

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AR1630824A FPAR163FP CCAL 0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.915		0.0000	0.000	31562.7	1.046	BB	0.028	18609.88	1.435
64	6.976		0.0000	0.000	147603.0	4.893	BB	0.038	65290.96	5.036
65	7.193		0.0000	0.000	2179.3	0.072	BB	0.029	1261.39	0.097
66	7.252		0.0000	0.000	1377.0	0.046	BB	0.024	968.25	0.075
67	7.292		0.0000	0.000	1229.8	0.041	BB	0.027	766.64	0.059
68	7.370		0.0000	0.000	28388.6	0.941	BB	0.041	11535.04	0.890
69	7.540		0.0000	0.000	73225.5	2.427	BB	0.043	28489.40	2.197
70	7.697		0.0000	0.000	24.9	0.001	BB	0.008	53.58	0.004
71	7.730		0.0000	0.000	643.5	0.021	BB	0.041	258.95	0.020
72	7.796		0.0000	0.000	161.3	0.005	BB	0.032	84.64	0.007
73	7.896		0.0000	0.000	27508.3	0.912	BB	0.047	9799.76	0.756
74	8.080		0.0000	0.000	477.9	0.016	BB	0.042	191.74	0.015
75	8.218	DCB	39.3375	49.584	560109.9	18.567	BB	0.052	180924.00	13.954
76	8.529		0.0000	0.000	4449.1	0.147	BB	0.087	851.87	0.066
77	8.781		0.0000	0.000	35.6	0.001	BB	0.010	57.97	0.004
78	8.813		0.0000	0.000	251.8	0.008	BB	0.031	136.88	0.011
79	8.864		0.0000	0.000	27.4	0.001	BB	0.009	49.18	0.004
80	8.880		0.0000	0.000	26.7	0.001	BB	0.007	66.50	0.005
81	8.930		0.0000	0.000	869.4	0.029	BB	0.048	298.91	0.023
82	9.014		0.0000	0.000	24.2	0.001	BB	0.007	58.92	0.005
83	9.079		0.0000	0.000	128.3	0.004	BB	0.030	71.62	0.006
84	9.179		0.0000	0.000	29.6	0.001	BB	0.009	55.07	0.004
85	9.214		0.0000	0.000	22.7	0.001	BB	0.007	52.09	0.004
86	9.230		0.0000	0.000	603.6	0.020	BB	0.075	134.76	0.010
87	9.397		0.0000	0.000	102.8	0.003	BB	0.020	84.84	0.007
88	9.480		0.0000	0.000	112.5	0.004	BB	0.027	68.86	0.005
89	9.550		0.0000	0.000	44.6	0.001	N	-0.014	- 52.54	0.004
90	9.629		0.0000	0.000	40.8	0.001	BB	0.010	65.36	0.005
91	9.680		0.0000	0.000	25.0	0.001	BB	0.007	58.69	0.005
92	9.713		0.0000	0.000	5569.1	0.185	BB	0.214	433.14	0.033
93	9.930		0.0000	0.000	9869.5	0.327	BB	0.102	1605.74	0.124
94	9.946		0.0000	0.000	240.4	0.008	BB	0.034	117.54	0.009

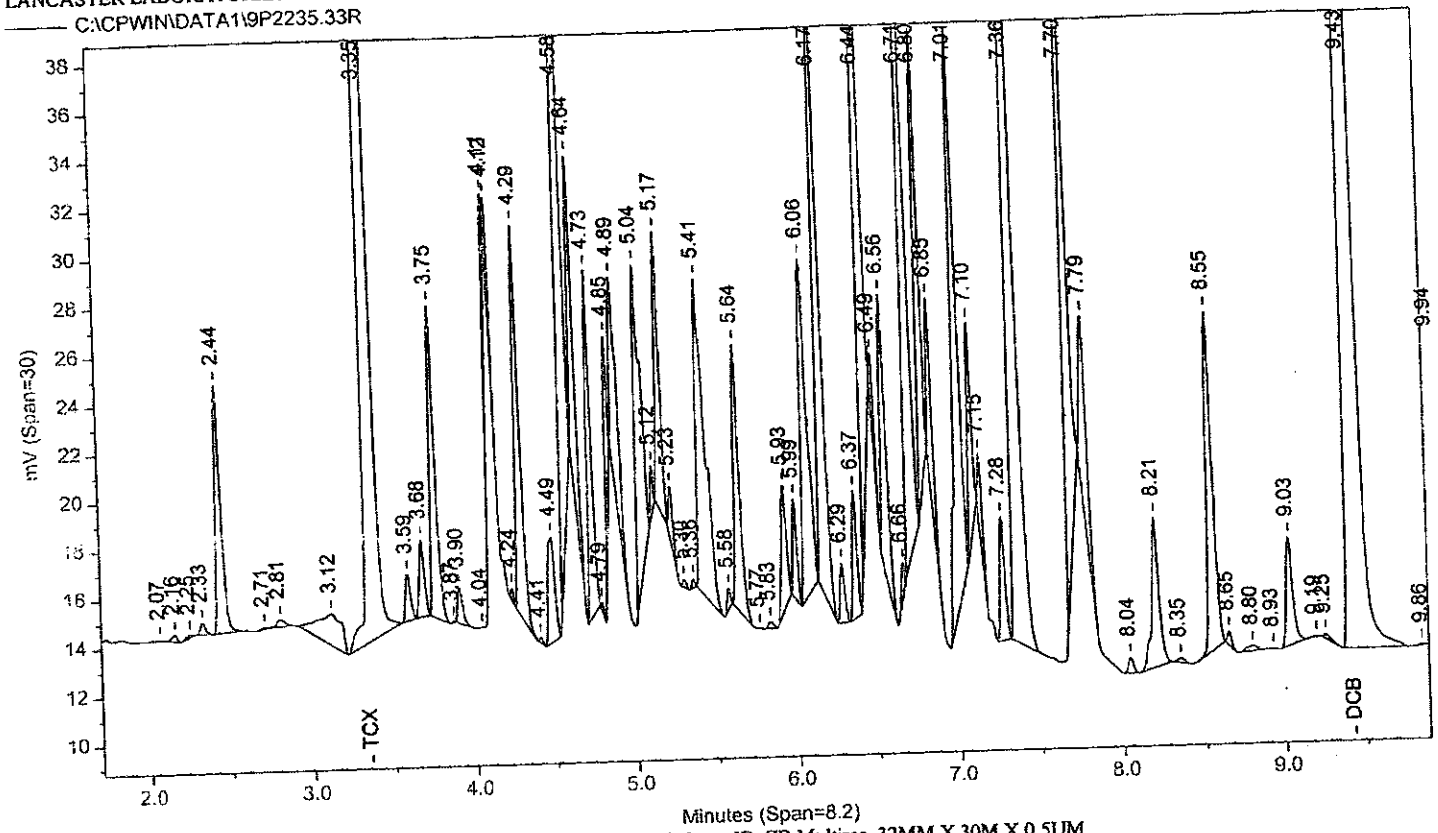
Total Area = 3016776.0, Total Amount = 79.335, Total Height = 1296534.0, Sample Units = ug/l

ASX84 1175

AR1630824A FPAR163FP CCAL 0824899999

LANCASTER LABORATORIES

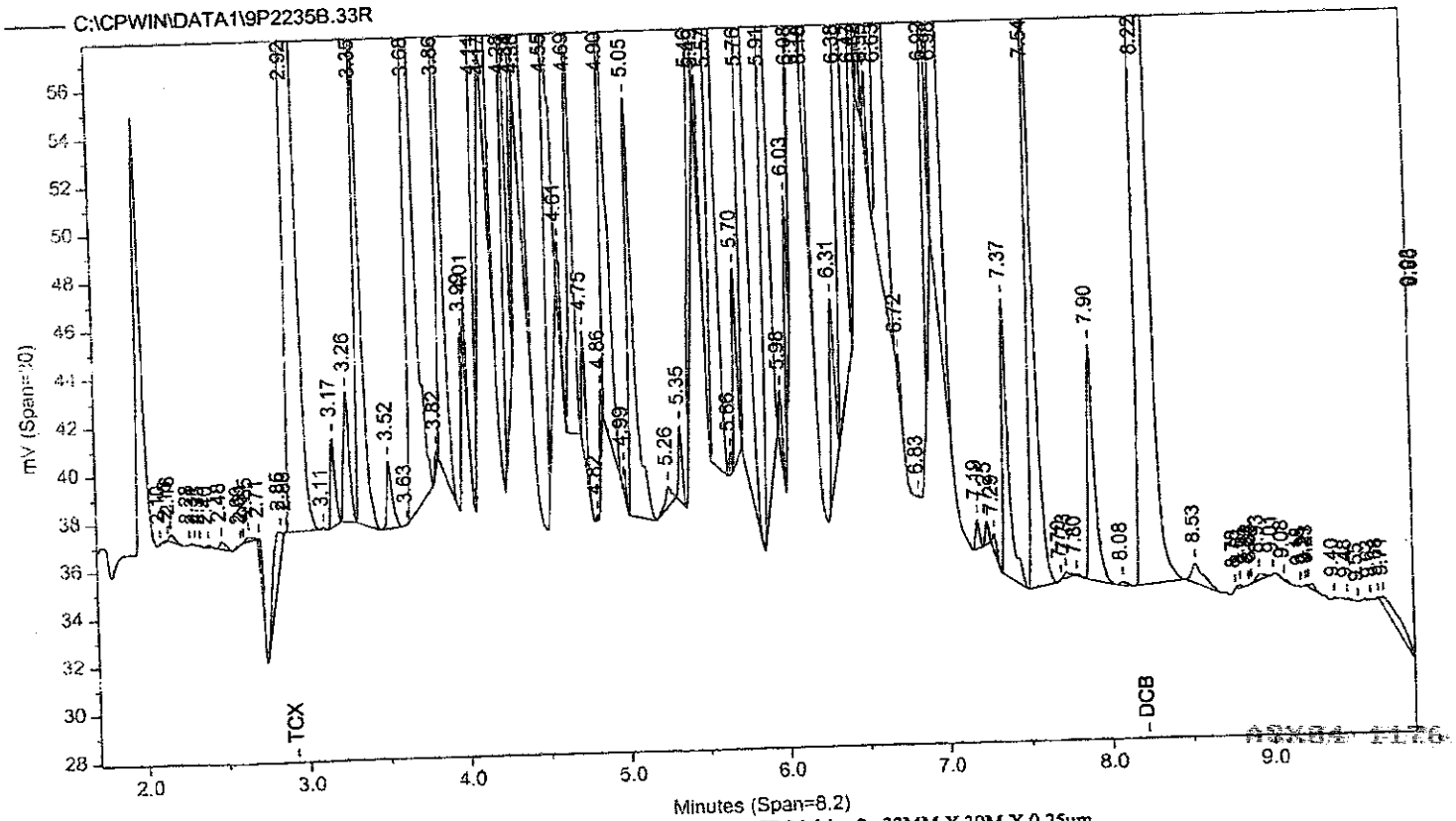
File: C:\CPWIN\DATA1\9P2235.33R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 9:47:13 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.33R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 9:47:13 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

AR1630824A FPAR163FP CCAL 0824899999

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A
3.349	133269	41.7938	TCX
9.425	92012	40.24511	DCB

RT B	Height B	Amount B	Compound B
2.923	213082	39.99802	TCX
8.218	180924	39.33746	DCB

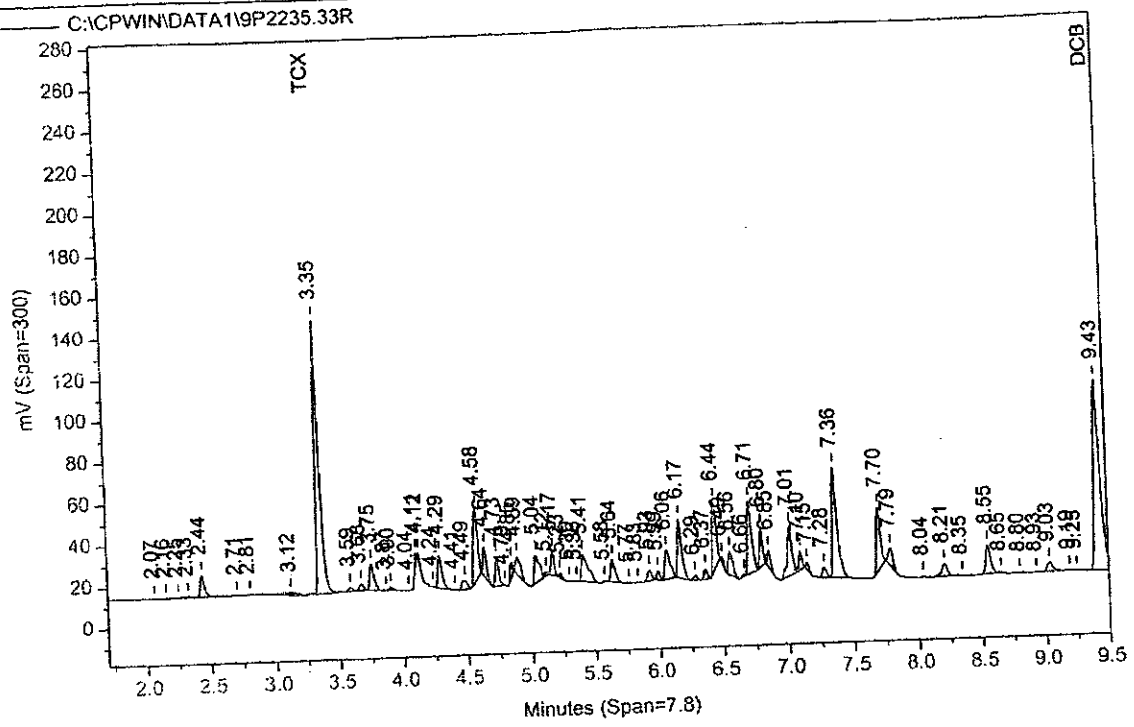
Files:
Area File: C:\CPWIN\DATA1\9P2235.33A
Area File: C:\CPWIN\DATA1\9P2235B.33A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 9:57:16 PM
File Reported On: 9/5/2008 at 9:57:23 PM

10X REPLOTS

ASX84 #177

AR1630824A FPAR163FP CCAL 0824899999

C:\CPWIN\DATA1\9P2235.33R



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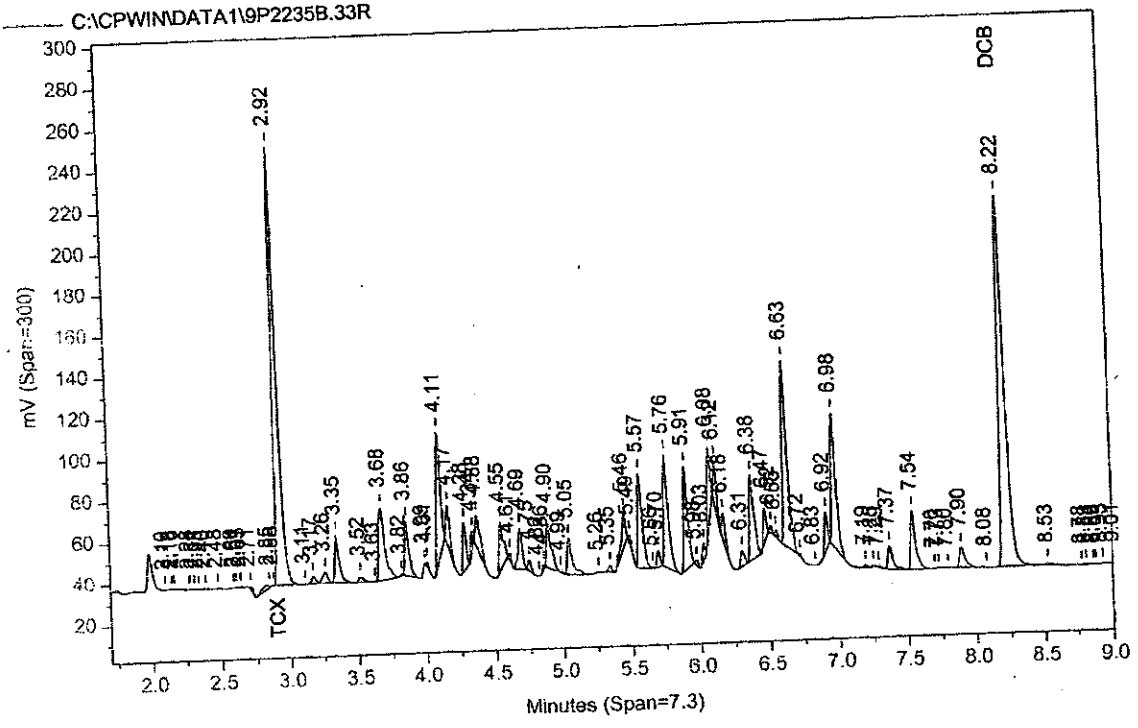

ASXB4 1178

IBLKX0824C MTPIBLKMT PIBLK0824899999

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 10:11:36pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.34R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.161		0.0000	0.000	254.6	0.063	BB	0.038	112.77	0.087
2	2.240		0.0000	0.000	137.9	0.034	BB	0.045	50.53	0.039
3	2.327		0.0000	0.000	541.9	0.134	BB	0.039	229.01	0.176
4	2.435		0.0000	0.000	1022.2	0.252	BB	0.041	418.55	0.321
5	2.542		0.0000	0.000	166.7	0.041	BB	0.083	33.31	0.026
6	2.704		0.0000	0.000	131.4	0.032	BB	0.040	54.75	0.042
7	2.797		0.0000	0.000	308.8	0.076	BB	0.057	90.00	0.069
8	2.930		0.0000	0.000	107.9	0.027	BB	0.059	30.56	0.023
9	3.036		0.0000	0.000	107.9	0.027	BB	0.050	36.28	0.028
10	3.117		0.0000	0.000	3456.0	0.853	BB	0.129	447.07	0.343
11	3.349	TCX	200.8440	48.362	137180.7	33.877	BB	0.036	64043.56	49.155
12	3.663		0.0000	0.000	1377.1	0.340	BB	0.032	723.40	0.555
13	3.870		0.0000	0.000	262.2	0.065	BB	0.031	140.94	0.108
14	4.008		0.0000	0.000	191.4	0.047	BB	0.083	38.30	0.029
15	4.072		0.0000	0.000	68.8	0.017	BB	0.028	40.80	0.031
16	4.558		0.0000	0.000	867.0	0.214	BB	0.054	268.99	0.206
17	4.738		0.0000	0.000	197.3	0.049	BB	0.040	83.13	0.064
18	5.311		0.0000	0.000	37612.5	9.288	BB	0.416	1508.64	1.158
19	5.596		0.0000	0.000	662.7	0.164	BB	0.056	198.08	0.152
20	5.819		0.0000	0.000	455.7	0.113	BB	0.074	102.43	0.079
21	5.918		0.0000	0.000	94.0	0.023	BB	0.030	51.85	0.040
22	5.956		0.0000	0.000	402.2	0.099	BB	0.027	251.32	0.193
23	6.193		0.0000	0.000	198.1	0.049	BB	0.051	64.63	0.050
24	6.259		0.0000	0.000	143.7	0.035	BB	0.035	68.06	0.052
25	6.364		0.0000	0.000	3678.3	0.908	BB	0.038	1615.01	1.240
26	6.436		0.0000	0.000	257.7	0.064	BB	0.040	108.28	0.083
27	6.564		0.0000	0.000	1124.4	0.278	BB	0.090	209.09	0.160
28	6.710		0.0000	0.000	39.7	0.010	BB	0.023	28.93	0.022
29	6.783		0.0000	0.000	323.8	0.080	BB	0.064	84.54	0.065
30	6.913		0.0000	0.000	1227.4	0.303	BB	0.068	300.04	0.230
31	7.000		0.0000	0.000	204.8	0.051	BB	0.054	62.70	0.048
32	7.121		0.0000	0.000	1440.8	0.356	BB	0.060	401.03	0.308
33	7.248		0.0000	0.000	112.0	0.028	BB	0.033	57.07	0.044
34	7.354		0.0000	0.000	639.7	0.158	BB	0.058	182.95	0.140
35	7.527		0.0000	0.000	1010.8	0.250	BB	0.095	177.14	0.136
36	7.699		0.0000	0.000	347.1	0.086	BB	0.055	104.42	0.080
37	7.789		0.0000	0.000	127.0	0.031	BB	0.033	63.49	0.049
38	7.881		0.0000	0.000	627.5	0.155	BB	0.099	105.56	0.081
39	8.032		0.0000	0.000	139.0	0.034	BB	0.040	57.36	0.044
40	8.313		0.0000	0.000	4890.8	1.208	BB	0.199	409.87	0.315
41	8.493		0.0000	0.000	2082.7	0.514	BB	0.067	516.15	0.396
42	8.640		0.0000	0.000	1360.5	0.336	BB	0.113	200.10	0.154
43	8.750		0.0000	0.000	265.5	0.066	BB	0.040	110.13	0.085
44	8.841		0.0000	0.000	122.0	0.030	BB	0.042	48.86	0.037
45	8.904		0.0000	0.000	67.3	0.017	BB	0.041	27.05	0.021
46	8.953		0.0000	0.000	105.2	0.026	BB	0.031	57.14	0.044
47	9.034		0.0000	0.000	1085.7	0.268	BB	0.048	375.92	0.289
48	9.181		0.0000	0.000	2733.3	0.675	BB	0.146	312.92	0.240
49	9.425	DCB	214.4510	51.638	161592.1	39.905	BB	0.055	49029.62	37.631
50	9.675		0.0000	0.000	300.2	0.074	BB	0.052	96.00	0.074
51	9.794		0.0000	0.000	20.4	0.005	BB	0.020	16.64	0.013
52	9.948		0.0000	0.000	33067.1	8.166	BB	0.086	6444.59	4.946

Total Area = 404941.0, Total Amount = 415.295, Total Height = 130289.6, Sample Units = ug/l

ASX04 1179

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601B via port 2 on 9/5/08 10:11:36pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.34R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.020		0.0000	0.000	264.0	0.040	BB	0.024	184.44	0.079
2	2.094		0.0000	0.000	45.0	0.007	BB	0.012	61.41	0.026
3	2.110		0.0000	0.000	33.0	0.005	BB	0.008	66.20	0.028
4	2.126		0.0000	0.000	109.4	0.017	BB	0.016	112.25	0.048
5	2.160		0.0000	0.000	416.1	0.064	BB	0.045	153.95	0.066
6	2.260		0.0000	0.000	18.8	0.003	BB	0.006	48.93	0.021
7	2.310		0.0000	0.000	69.2	0.011	BB	0.020	57.97	0.025
8	2.343		0.0000	0.000	139.0	0.021	BB	0.020	115.21	0.049
9	2.409		0.0000	0.000	410.9	0.063	BB	0.043	159.02	0.068
10	2.493		0.0000	0.000	57.6	0.009	BB	0.013	73.61	0.031
11	2.543		0.0000	0.000	17.8	0.003	BB	0.006	49.89	0.021
12	2.561		0.0000	0.000	32.1	0.005	BB	0.010	55.88	0.024
13	2.576		0.0000	0.000	87.5	0.013	BB	0.016	93.04	0.040
14	2.627		0.0000	0.000	19.3	0.003	BB	0.008	38.71	0.017
15	2.677		0.0000	0.000	215.9	0.033	BB	0.037	97.16	0.042
16	2.710		0.0000	0.000	1342.6	0.206	BB	0.033	674.92	0.289
17	2.827		0.0000	0.000	5069.0	0.777	BB	0.085	996.87	0.426
18	2.923	TCX	201.7292	49.018	241216.8	36.984	BB	0.037	107467.70	45.952
19	3.110		0.0000	0.000	187.1	0.029	BB	0.031	99.25	0.042
20	3.143		0.0000	0.000	221.3	0.034	BB	0.057	65.16	0.028
21	3.244		0.0000	0.000	2690.0	0.412	BB	0.031	1438.55	0.615
22	3.359		0.0000	0.000	231.7	0.036	BB	0.030	128.57	0.055
23	3.426		0.0000	0.000	122.0	0.019	BB	0.017	117.56	0.050
24	3.492		0.0000	0.000	34.4	0.005	BB	0.012	48.34	0.021
25	3.510		0.0000	0.000	21.9	0.003	BB	0.008	45.95	0.020
26	3.560		0.0000	0.000	80.4	0.012	BB	0.029	46.15	0.020
27	3.609		0.0000	0.000	92.4	0.014	BB	0.018	83.91	0.036
28	3.660		0.0000	0.000	63.4	0.010	BB	0.017	63.08	0.027
29	3.710		0.0000	0.000	203.4	0.031	BB	0.034	99.64	0.043
30	3.810		0.0000	0.000	1292.6	0.198	BB	0.083	258.46	0.111
31	3.960		0.0000	0.000	421.2	0.065	BB	0.028	251.04	0.107
32	4.022		0.0000	0.000	1098.4	0.168	BB	0.039	471.71	0.202
33	4.143		0.0000	0.000	313.6	0.048	BB	0.041	126.86	0.054
34	4.227		0.0000	0.000	589.2	0.090	BB	0.070	141.30	0.060
35	4.393		0.0000	0.000	110.3	0.017	BB	0.022	84.25	0.036
36	4.443		0.0000	0.000	3183.8	0.488	BB	0.368	144.35	0.062
37	4.676		0.0000	0.000	723.4	0.111	BB	0.066	182.93	0.078
38	4.743		0.0000	0.000	852.8	0.131	BB	0.086	165.58	0.071
39	4.893		0.0000	0.000	246.6	0.038	BB	0.026	156.62	0.067
40	4.927		0.0000	0.000	138.3	0.021	BB	0.017	135.28	0.058
41	4.977		0.0000	0.000	44.4	0.007	BB	0.016	45.47	0.019
42	5.009		0.0000	0.000	316.6	0.049	BB	0.022	239.92	0.103
43	5.094		0.0000	0.000	52.8	0.008	BB	0.012	74.52	0.032
44	5.125		0.0000	0.000	70.3	0.011	BB	0.026	44.29	0.019
45	5.160		0.0000	0.000	36.4	0.006	BB	0.011	53.85	0.023
46	5.260		0.0000	0.000	3189.9	0.489	BB	0.076	701.45	0.300
47	5.343		0.0000	0.000	1383.8	0.212	BB	0.030	771.91	0.330
48	5.443		0.0000	0.000	7861.7	1.205	BB	0.113	1160.89	0.496
49	5.626		0.0000	0.000	52.9	0.008	BB	0.020	44.84	0.019
50	5.660		0.0000	0.000	443.9	0.068	BB	0.032	229.92	0.098
51	5.726		0.0000	0.000	303.6	0.047	BB	0.015	326.47	0.140
52	5.922		0.0000	0.000	8756.5	1.343	BB	0.050	2923.55	1.250
53	6.027		0.0000	0.000	477.2	0.073	BB	0.031	256.84	0.110
54	6.094		0.0000	0.000	38.7	0.006	BB	0.014	46.44	0.020
55	6.143		0.0000	0.000	468.9	0.072	BB	0.050	155.72	0.067
56	6.327		0.0000	0.000	424.4	0.065	BB	0.092	77.06	0.033
57	6.543		0.0000	0.000	4756.8	0.729	BB	0.515	153.90	0.066
58	6.561		0.0000	0.000	33.5	0.005	BB	0.011	51.38	0.022
59	6.577		0.0000	0.000	5615.4	0.861	BB	0.164	572.05	0.245
60	6.826		0.0000	0.000	341.1	0.052	BB	0.036	157.78	0.067
61	6.877		0.0000	0.000	29.4	0.005	BB	0.010	48.47	0.021
62	6.950		0.0000	0.000	10398.2	1.594	BB	0.122	1418.46	0.607

IBLKX0824C MTPIBLKMT PIBLK0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.194		0.0000	0.000	553.9	0.085	BB	0.057	161.67	0.069
64	7.293		0.0000	0.000	1737.4	0.266	BB	0.045	646.42	0.276
65	7.410		0.0000	0.000	873.1	0.134	BB	0.171	84.98	0.036
66	7.460		0.0000	0.000	145.0	0.022	BB	0.022	111.61	0.048
67	7.491		0.0000	0.000	49.1	0.008	BB	0.013	64.40	0.028
68	7.537		0.0000	0.000	455.2	0.070	BB	0.037	204.21	0.087
69	7.660		0.0000	0.000	235.3	0.036	BB	0.079	49.84	0.021
70	7.694		0.0000	0.000	23.7	0.004	BB	0.009	42.42	0.018
71	7.726		0.0000	0.000	73.9	0.011	BB	0.020	60.32	0.026
72	7.760		0.0000	0.000	107.6	0.017	BB	0.026	68.52	0.029
73	7.792		0.0000	0.000	382.9	0.059	BB	0.039	162.27	0.069
74	7.894		0.0000	0.000	3763.4	0.577	BB	0.059	1063.57	0.455
75	8.043		0.0000	0.000	59.5	0.009	BB	0.022	44.86	0.019
76	8.060		0.0000	0.000	36.3	0.006	BB	0.011	53.69	0.023
77	8.093		0.0000	0.000	252.7	0.039	BB	0.032	130.14	0.056
78	8.219	DCB	209.8088	50.982	286012.3	43.852	BB	0.049	96496.95	41.261
79	8.426		0.0000	0.000	22.3	0.003	BB	0.009	41.61	0.018
80	8.460		0.0000	0.000	17.2	0.003	BB	0.010	29.11	0.012
81	8.493		0.0000	0.000	25.4	0.004	BB	0.008	53.72	0.023
82	8.527		0.0000	0.000	2220.2	0.340	BB	0.137	270.65	0.116
83	8.793		0.0000	0.000	96.7	0.015	BB	0.025	65.53	0.028
84	8.844		0.0000	0.000	35.0	0.005	BB	0.011	51.35	0.022
85	8.944		0.0000	0.000	472.7	0.072	BB	0.133	59.28	0.025
86	8.970		0.0000	0.000	587.3	0.090	BB	0.069	142.58	0.061
87	9.125		0.0000	0.000	201.0	0.031	BB	0.039	85.95	0.037
88	9.240		0.0000	0.000	1824.7	0.280	BB	0.067	451.42	0.193
89	9.359		0.0000	0.000	186.6	0.029	BB	0.031	98.94	0.042
90	9.510		0.0000	0.000	28.2	0.004	BB	0.012	40.05	0.017
91	9.526		0.0000	0.000	165.7	0.025	BB	0.047	58.26	0.025
92	9.644		0.0000	0.000	62.0	0.010	BB	0.022	47.90	0.020
93	9.677		0.0000	0.000	24.8	0.004	BB	0.010	42.61	0.018
94	9.693		0.0000	0.000	6510.0	0.998	BB	0.429	252.89	0.108
95	9.942		0.0000	0.000	37402.1	5.735	BB	0.076	8212.70	3.512

Total Area = 652221.6, Total Amount = 411.538, Total Height = 233867.2, Sample Units = ug/l

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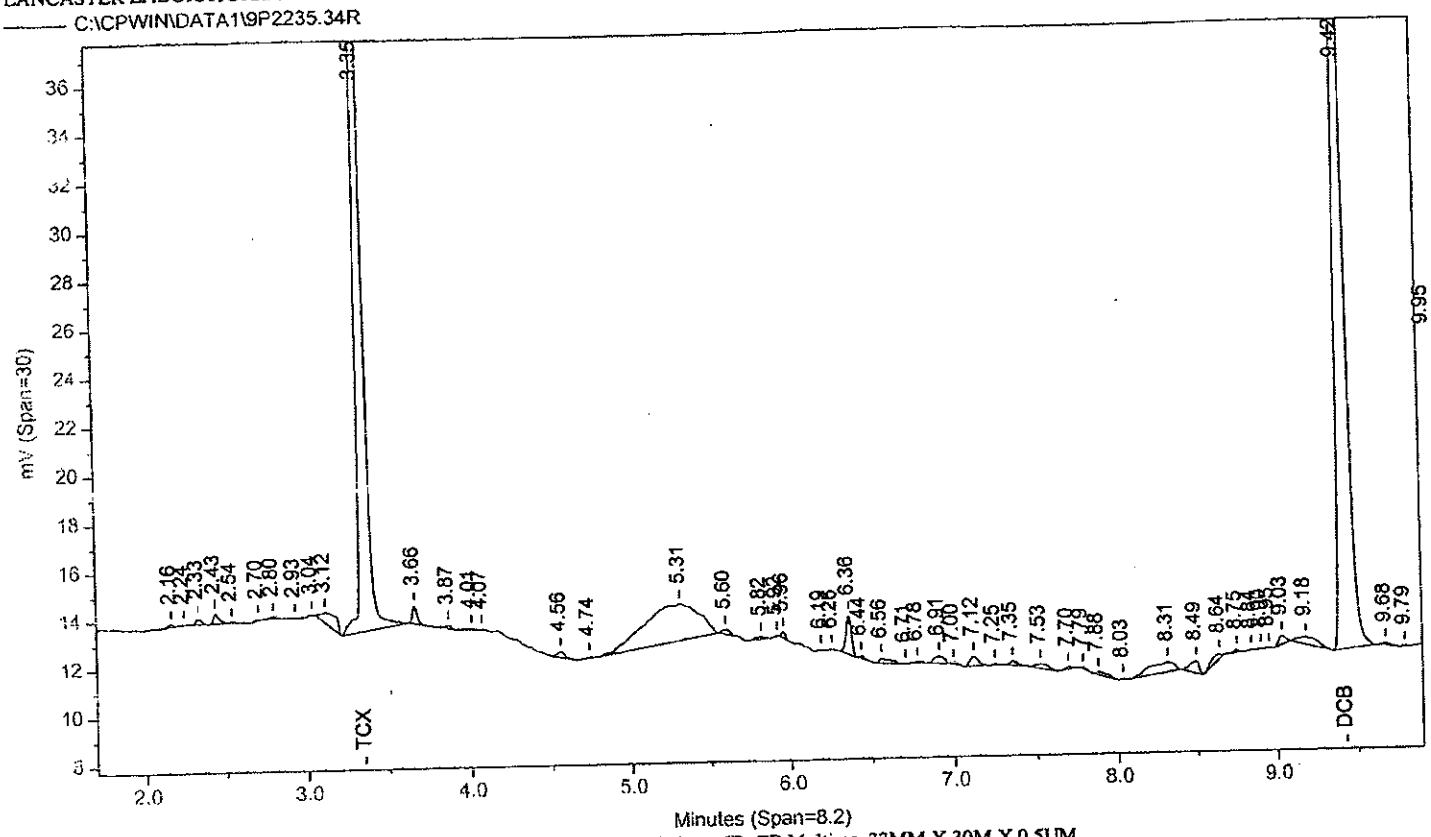
IBLKX0824C MTPIBLKMT PIBLK0824899999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.34R

C:\CPWIN\DATA1\9P2235.34R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 10:01:36 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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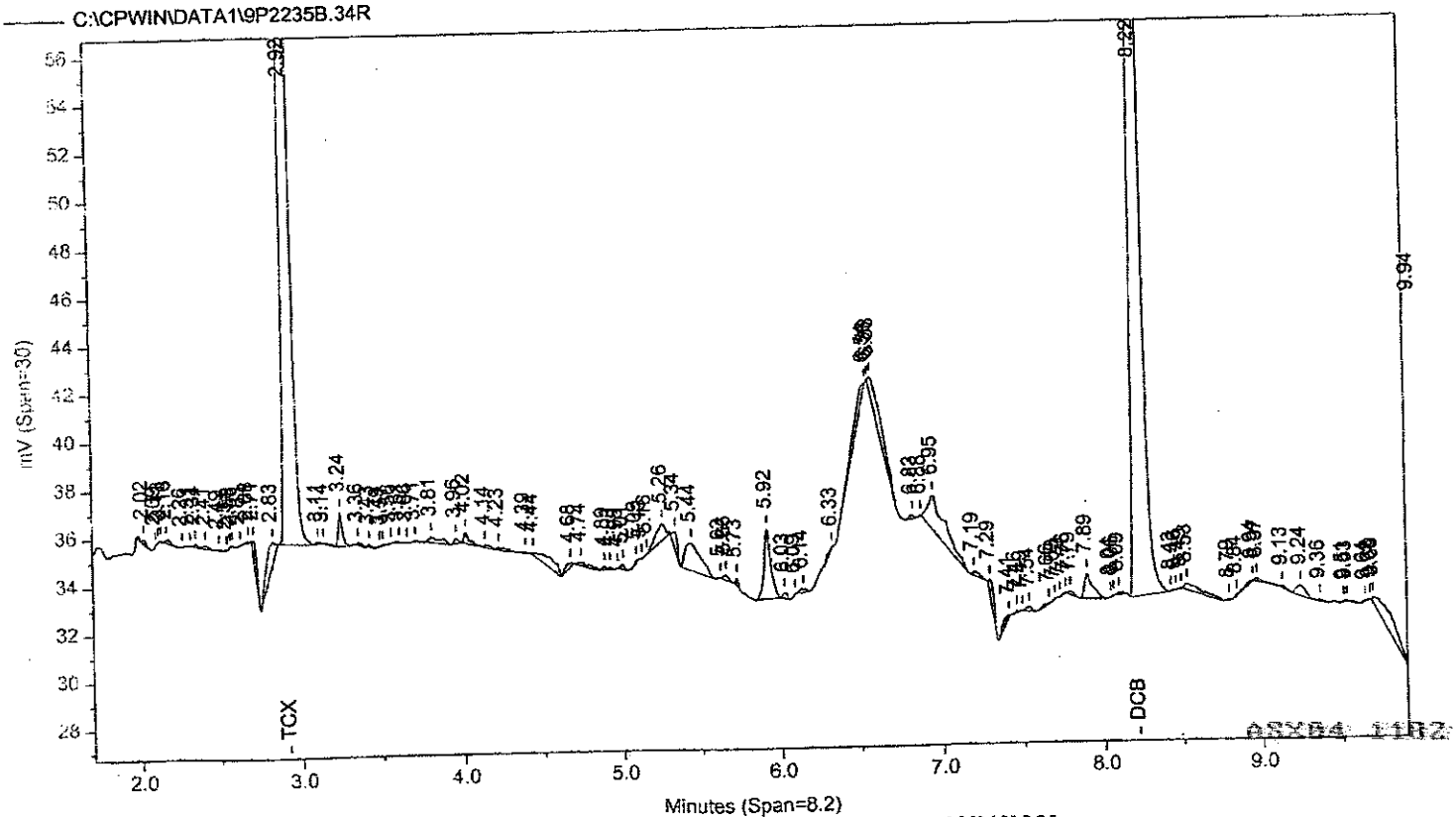

Instrument ID: CP02--H2601B Injected On: 9/5/2008 10:01:36 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1000
Analyst: 2280

Dilution Factor: 10

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	64044	.20084	TCX	2.923	107468	.20173	TCX
9.425	49030	.21445	DCB	8.219	96497	.20981	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.34A
Area File: C:\CPWIN\DATA1\9P2235B.34A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 10:11:40 PM
File Reported On: 9/5/2008 at 10:11:46 PM

10X REPLOTS

ASX84 1193

IBLKX0824C MTPIBLKMT PIBLK0824899999

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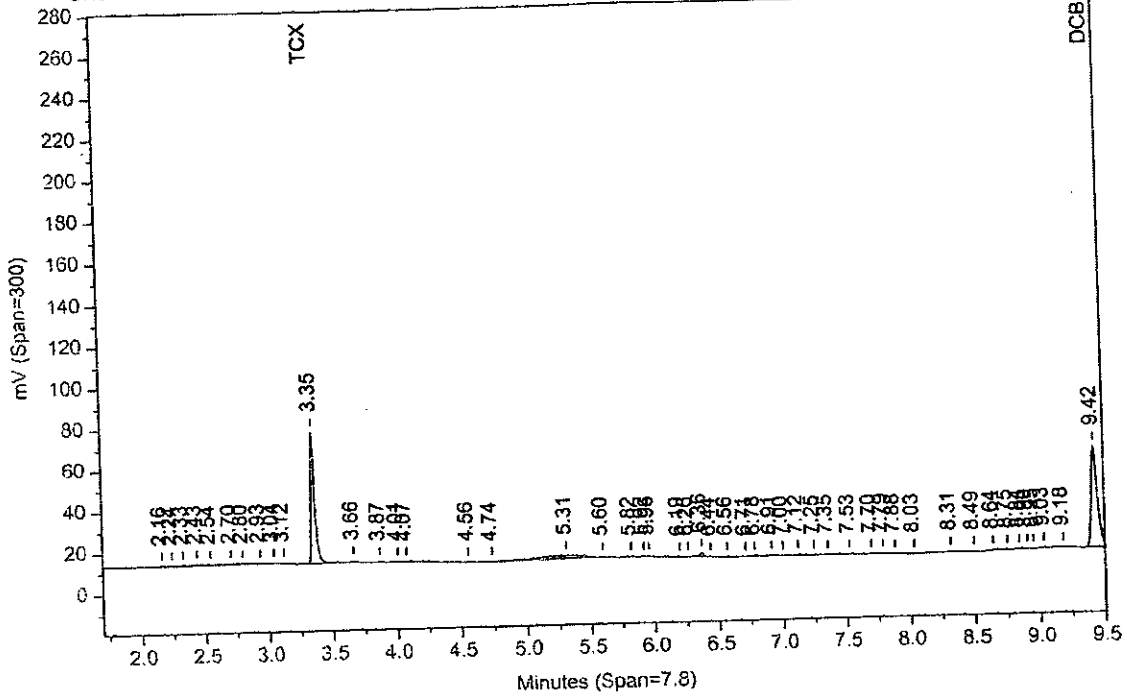

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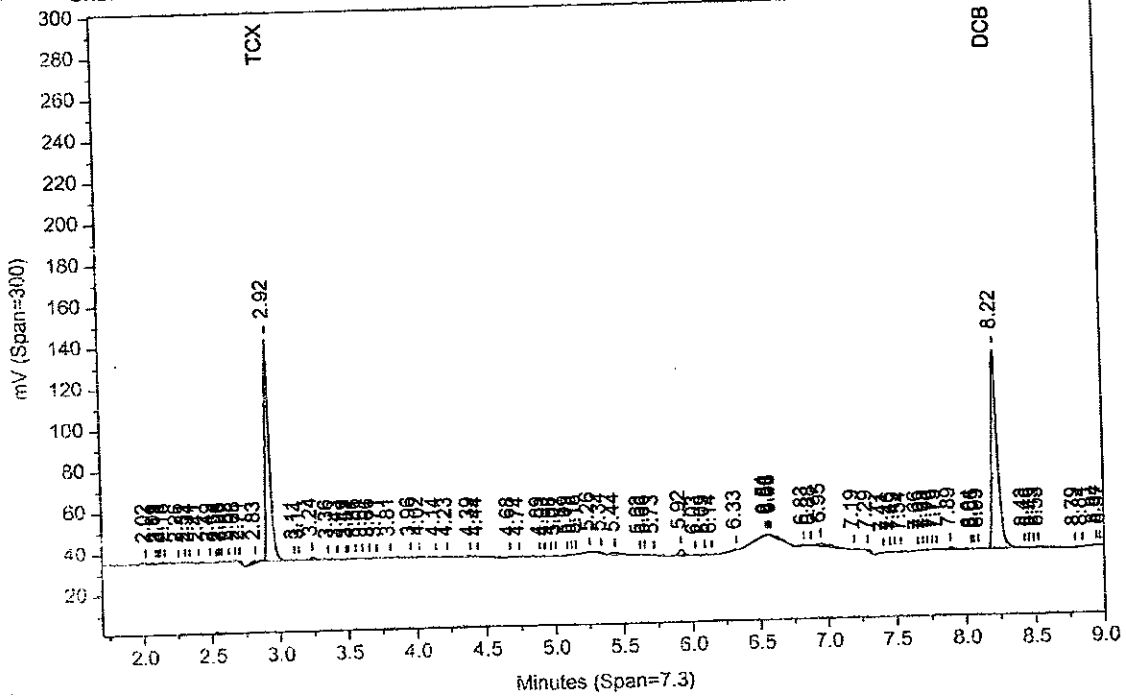

Sample Name: **AR1620824A EZAR162EZ CCAL 0824899999**
Acquired from CP02--H2601A via port 1 on 9/6/08 12:50:17am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.45R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.058		0.0000	0.000	175.3	0.019	BB	0.042	70.32	0.019
2	2.163		0.0000	0.000	937.9	0.101	BB	0.042	375.83	0.100
3	2.249		0.0000	0.000	766.5	0.082	BB	0.052	246.68	0.066
4	2.334		0.0000	0.000	492.8	0.053	BB	0.044	185.76	0.049
5	2.439		0.0000	0.000	17166.5	1.843	BB	0.037	7783.41	2.068
6	2.621		0.0000	0.000	41.5	0.004	BB	0.031	22.15	0.006
7	2.728		0.0000	0.000	303.2	0.033	BB	0.089	57.07	0.015
8	2.809		0.0000	0.000	1554.6	0.167	BB	0.055	473.41	0.126
9	2.898		0.0000	0.000	60.1	0.006	BB	0.029	34.62	0.009
10	2.975		0.0000	0.000	661.4	0.071	BB	0.060	183.64	0.049
11	3.037		0.0000	0.000	478.9	0.051	BB	0.036	222.21	0.059
12	3.091		0.0000	0.000	6849.8	0.736	BB	0.131	868.17	0.231
13	3.354	TCX	19.6556	48.661	133586.0	14.344	BB	0.036	62676.16	16.657
14	3.539		0.0000	0.000	71.1	0.008	BB	0.020	59.44	0.016
15	3.592		0.0000	0.000	1350.6	0.145	BB	0.035	649.21	0.173
16	3.680		0.0000	0.000	3081.7	0.331	BB	0.037	1370.24	0.364
17	3.759		0.0000	0.000	12721.3	1.366	BB	0.036	5836.73	1.551
18	3.871		0.0000	0.000	124.4	0.013	BB	0.024	86.66	0.023
19	3.911		0.0000	0.000	1637.3	0.176	BB	0.042	649.59	0.173
20	4.031		0.0000	0.000	271.9	0.029	BB	0.034	132.10	0.035
21	4.109		0.0000	0.000	25315.0	2.718	BB	0.054	7833.88	2.082
22	4.245		0.0000	0.000	396.9	0.043	BB	0.021	320.38	0.085
23	4.295		0.0000	0.000	15710.5	1.687	BB	0.036	7227.56	1.921
24	4.417		0.0000	0.000	164.4	0.018	BB	0.026	103.65	0.028
25	4.492		0.0000	0.000	5840.9	0.627	BB	0.048	2009.44	0.534
26	4.584		0.0000	0.000	37932.6	4.073	BB	0.038	16708.36	4.440
27	4.645		0.0000	0.000	11227.0	1.206	BB	0.029	6466.40	1.718
28	4.739		0.0000	0.000	11924.7	1.280	BB	0.031	6400.99	1.701
29	4.798		0.0000	0.000	98.6	0.011	BB	0.014	114.80	0.031
30	4.849		0.0000	0.000	5120.5	0.550	BB	0.025	3421.63	0.909
31	4.893		0.0000	0.000	10913.9	1.172	BB	0.051	3535.34	0.940
32	5.041		0.0000	0.000	17479.2	1.877	BB	0.047	6241.75	1.659
33	5.123		0.0000	0.000	1014.4	0.109	BB	0.020	859.84	0.229
34	5.175		0.0000	0.000	9995.6	1.073	BB	0.031	5357.62	1.424
35	5.233		0.0000	0.000	1500.4	0.161	BB	0.024	1021.30	0.271
36	5.311		0.0000	0.000	274.3	0.029	BB	0.027	166.55	0.044
37	5.363		0.0000	0.000	264.9	0.028	BB	0.022	198.81	0.053
38	5.415		0.0000	0.000	21158.4	2.272	BB	0.060	5904.83	1.569
39	5.586		0.0000	0.000	671.7	0.072	BB	0.028	406.50	0.108
40	5.647		0.0000	0.000	10858.7	1.166	BB	0.040	4541.55	1.207
41	5.784		0.0000	0.000	360.8	0.039	BB	0.030	198.24	0.053
42	5.840		0.0000	0.000	159.4	0.017	BB	0.030	87.95	0.023
43	5.934		0.0000	0.000	5294.0	0.568	BB	0.041	2165.42	0.575
44	5.998		0.0000	0.000	2740.3	0.294	BB	0.028	1634.84	0.434
45	6.069		0.0000	0.000	19135.3	2.055	BB	0.048	6613.65	1.758
46	6.171		0.0000	0.000	30222.7	3.245	BB	0.039	13070.74	3.474
47	6.290		0.0000	0.000	2516.6	0.270	BB	0.037	1140.88	0.303
48	6.372		0.0000	0.000	5791.6	0.622	BB	0.031	3084.22	0.820
49	6.447		0.0000	0.000	36119.8	3.878	BB	0.037	16322.91	4.338
50	6.501		0.0000	0.000	1373.0	0.147	BB	0.020	1121.83	0.298
51	6.561		0.0000	0.000	12447.3	1.337	BB	0.036	5710.92	1.518
52	6.668		0.0000	0.000	1059.6	0.114	BB	0.025	702.90	0.187
53	6.715		0.0000	0.000	37230.6	3.998	BB	0.037	16842.65	4.476
54	6.802		0.0000	0.000	16531.0	1.775	BB	0.029	9522.78	2.531
55	6.858		0.0000	0.000	6525.6	0.701	BB	0.028	3828.40	1.017
56	7.018		0.0000	0.000	29259.9	3.142	BB	0.042	11600.70	3.083
57	7.098		0.0000	0.000	7720.9	0.829	BB	0.029	4402.74	1.170
58	7.151		0.0000	0.000	2196.8	0.236	BB	0.024	1497.01	0.398
59	7.280		0.0000	0.000	5174.3	0.556	BB	0.034	2514.05	0.668
60	7.366		0.0000	0.000	66101.3	7.098	BB	0.043	25818.09	6.861
61	7.636		0.0000	0.000	21.0	0.002	BB	0.011	32.94	0.009
62	7.703		0.0000	0.000	30650.8	3.291	BB	0.036	14255.27	3.788

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.799		0.0000	0.000	8654.4	0.929	BB	0.037	3853.47	1.024
64	8.043		0.0000	0.000	802.5	0.086	BB	0.036	370.54	0.098
65	8.104		0.0000	0.000	24.0	0.003	BB	0.015	26.84	0.007
66	8.210		0.0000	0.000	9253.1	0.994	BB	0.051	3035.14	0.807
67	8.332		0.0000	0.000	915.9	0.098	BB	0.054	280.94	0.075
68	8.552		0.0000	0.000	18467.8	1.983	BB	0.047	6521.05	1.733
69	8.656		0.0000	0.000	481.5	0.052	BB	0.030	271.10	0.072
70	8.740		0.0000	0.000	55.7	0.006	BB	0.022	41.28	0.011
71	8.821		0.0000	0.000	924.5	0.099	BB	0.057	270.03	0.072
72	8.885		0.0000	0.000	26.2	0.003	BB	0.016	27.71	0.007
73	8.962		0.0000	0.000	142.3	0.015	BB	0.067	35.55	0.009
74	9.038		0.0000	0.000	6020.9	0.647	BB	0.049	2049.49	0.545
75	9.172		0.0000	0.000	187.8	0.020	BB	0.037	84.85	0.023
76	9.210		0.0000	0.000	36.2	0.004	BB	0.015	41.38	0.011
77	9.430	DCB	20.7377	51.339	161952.1	17.390	BB	0.057	47412.25	12.600
78	9.725		0.0000	0.000	1351.3	0.145	BB	0.079	285.33	0.076
79	9.859		0.0000	0.000	121.4	0.013	BB	0.026	77.20	0.021
80	9.930		0.0000	0.000	33036.6	3.547	BB	0.064	8607.42	2.287

Total Area = 931282.3, Total Amount = 40.393, Total Height = 376285.3, Sample Units = ug/l

ASX84 1186

AR1620824A EZAR162EZ CCAL 0824899999

Sample Name: AR1620824A EZAR162EZ CCAL 0824899999

Acquired from CP02--H2601B via port 2 on 9/6/08 12:50:17am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min

Data File: C:\CPWIN\DATA1\9P2235B.45R
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.139		0.0000	0.000	643.6	0.044	BB	0.055	196.59	0.032
2	2.191		0.0000	0.000	563.6	0.038	BB	0.049	192.89	0.031
3	2.306		0.0000	0.000	809.1	0.055	BB	0.038	358.77	0.058
4	2.400		0.0000	0.000	630.3	0.043	BB	0.042	251.11	0.040
5	2.484		0.0000	0.000	576.5	0.039	BB	0.040	237.57	0.038
6	2.681		0.0000	0.000	2097.1	0.143	BB	0.157	223.06	0.036
7	2.708		0.0000	0.000	3779.4	0.258	BB	0.051	1242.53	0.200
8	2.856		0.0000	0.000	7316.8	0.499	BB	0.627	194.65	0.031
9	2.927	TCX	19.0750	48.153	237292.6	16.191	BB	0.039	101619.00	16.329
10	3.132		0.0000	0.000	763.0	0.052	BB	0.064	197.21	0.032
11	3.176		0.0000	0.000	3266.9	0.223	BB	0.032	1689.54	0.271
12	3.268		0.0000	0.000	5468.9	0.373	BB	0.042	2189.24	0.352
13	3.352		0.0000	0.000	24759.3	1.689	BB	0.039	10486.83	1.685
14	3.524		0.0000	0.000	3984.7	0.272	BB	0.050	1331.59	0.214
15	3.623		0.0000	0.000	69.3	0.005	BB	0.021	55.72	0.009
16	3.683		0.0000	0.000	51726.0	3.529	BB	0.053	16361.14	2.629
17	3.866		0.0000	0.000	31115.5	2.123	BB	0.042	12437.18	1.999
18	3.997		0.0000	0.000	1178.5	0.080	BB	0.025	786.47	0.126
19	4.015		0.0000	0.000	1065.5	0.073	BB	0.022	825.18	0.133
20	4.113		0.0000	0.000	58324.2	3.980	BB	0.035	27663.06	4.445
21	4.170		0.0000	0.000	15963.4	1.089	BB	0.030	9016.20	1.449
22	4.289		0.0000	0.000	17711.4	1.208	BB	0.028	10524.98	1.691
23	4.346		0.0000	0.000	5369.3	0.366	BB	0.023	3908.50	0.628
24	4.380		0.0000	0.000	15931.1	1.087	BB	0.038	6909.75	1.110
25	4.550		0.0000	0.000	11098.6	0.757	BB	0.025	7390.65	1.188
26	4.578		0.0000	0.000	599.1	0.041	BB	0.011	947.93	0.152
27	4.611		0.0000	0.000	1509.5	0.103	BB	0.021	1187.43	0.191
28	4.664		0.0000	0.000	335.3	0.023	BB	0.025	219.93	0.035
29	4.691		0.0000	0.000	12526.4	0.855	BB	0.028	7482.53	1.202
30	4.756		0.0000	0.000	3504.3	0.239	BB	0.026	2274.34	0.365
31	4.861		0.0000	0.000	1137.1	0.078	BB	0.020	953.83	0.153
32	4.897		0.0000	0.000	22545.1	1.538	BB	0.039	9596.72	1.542
33	4.995		0.0000	0.000	546.3	0.037	BB	0.022	418.51	0.067
34	5.051		0.0000	0.000	21901.0	1.494	BB	0.046	7978.26	1.282
35	5.270		0.0000	0.000	4359.9	0.297	BB	0.076	954.57	0.153
36	5.348		0.0000	0.000	1845.5	0.126	BB	0.024	1264.72	0.203
37	5.459		0.0000	0.000	18463.9	1.260	BB	0.039	7834.53	1.259
38	5.496		0.0000	0.000	1942.1	0.133	BB	0.023	1428.25	0.230
39	5.574		0.0000	0.000	44640.9	3.046	BB	0.036	20691.33	3.325
40	5.669		0.0000	0.000	939.9	0.064	BB	0.019	843.48	0.136
41	5.707		0.0000	0.000	5034.0	0.343	BB	0.027	3108.62	0.500
42	5.768		0.0000	0.000	56619.7	3.863	BB	0.038	24997.86	4.017
43	5.911		0.0000	0.000	54125.6	3.693	BB	0.037	24121.91	3.876
44	5.983		0.0000	0.000	1131.3	0.077	BB	0.018	1031.26	0.166
45	6.038		0.0000	0.000	5235.3	0.357	BB	0.023	3827.59	0.615
46	6.088		0.0000	0.000	25898.4	1.767	BB	0.026	16800.29	2.700
47	6.128		0.0000	0.000	14259.7	0.973	BB	0.024	9954.17	1.600
48	6.179		0.0000	0.000	7965.0	0.543	BB	0.023	5760.50	0.926
49	6.269		0.0000	0.000	122.4	0.008	BB	0.017	122.19	0.020
50	6.312		0.0000	0.000	5882.7	0.401	BB	0.031	3117.37	0.501
51	6.383		0.0000	0.000	43298.3	2.954	BB	0.039	18704.29	3.006
52	6.479		0.0000	0.000	13614.5	0.929	BB	0.029	7884.17	1.267
53	6.523		0.0000	0.000	2313.6	0.158	BB	0.019	2027.06	0.326
54	6.558		0.0000	0.000	1912.2	0.130	BB	0.021	1546.82	0.249
55	6.633		0.0000	0.000	99929.1	6.818	BB	0.038	43702.59	7.023
56	6.806		0.0000	0.000	115.9	0.008	BB	0.013	151.54	0.024
57	6.847		0.0000	0.000	170.3	0.012	BB	0.030	95.38	0.015
58	6.917		0.0000	0.000	15130.3	1.032	BB	0.028	9073.43	1.458
59	6.977		0.0000	0.000	71306.7	4.865	BB	0.037	31874.59	5.122
60	7.193		0.0000	0.000	1030.0	0.070	BB	0.032	534.45	0.086
61	7.251		0.0000	0.000	891.6	0.061	BB	0.024	609.50	0.098
62	7.290		0.0000	0.000	868.5	0.059	BB	0.047	307.40	0.049

ASX84 1187

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.373		0.0000	0.000	14611.6	0.997	BB	0.047	5171.10	0.831
64	7.543		0.0000	0.000	35566.8	2.427	BB	0.043	13783.61	2.215
65	7.684		0.0000	0.000	142.4	0.010	BB	0.021	112.93	0.018
66	7.735		0.0000	0.000	243.6	0.017	BB	0.022	187.40	0.030
67	7.757		0.0000	0.000	594.3	0.041	BB	0.055	180.41	0.029
68	7.900		0.0000	0.000	14544.2	0.992	BB	0.052	4626.54	0.743
69	8.039		0.0000	0.000	40.0	0.003	BB	0.015	45.41	0.007
70	8.055		0.0000	0.000	133.2	0.009	BB	0.018	121.22	0.019
71	8.106		0.0000	0.000	232.6	0.016	BB	0.020	190.44	0.031
72	8.221	DCB	20.5380	51.847	281132.4	19.182	BB	0.050	94459.99	15.179
73	8.455		0.0000	0.000	27.1	0.002	BB	0.013	35.19	0.006
74	8.489		0.0000	0.000	46.5	0.003	BB	0.032	24.57	0.004
75	8.525		0.0000	0.000	971.3	0.066	BB	0.038	428.33	0.069
76	8.584		0.0000	0.000	755.3	0.052	BB	0.078	161.85	0.026
77	8.715		0.0000	0.000	527.7	0.036	BB	0.033	269.36	0.043
78	8.806		0.0000	0.000	174.8	0.012	BB	0.062	47.05	0.008
79	8.834		0.0000	0.000	138.1	0.009	BB	0.023	98.35	0.016
80	8.916		0.0000	0.000	254.8	0.017	BB	0.075	56.42	0.009
81	8.950		0.0000	0.000	93.5	0.006	BB	0.026	60.34	0.010
82	8.975		0.0000	0.000	200.8	0.014	BB	0.027	123.66	0.020
83	9.032		0.0000	0.000	647.7	0.044	BB	0.047	228.44	0.037
84	9.165		0.0000	0.000	529.9	0.036	BB	0.034	262.62	0.042
85	9.216		0.0000	0.000	871.1	0.059	BB	0.071	205.22	0.033
86	9.407		0.0000	0.000	618.3	0.042	BB	0.067	154.67	0.025
87	9.502		0.0000	0.000	83.8	0.006	BB	0.022	64.47	0.010
88	9.538		0.0000	0.000	42.2	0.003	BB	0.017	40.66	0.007
89	9.574		0.0000	0.000	998.6	0.068	BB	0.069	242.24	0.039
90	9.702		0.0000	0.000	8443.3	0.576	BB	0.181	776.49	0.125
91	9.929		0.0000	0.000	37791.0	2.579	BB	0.060	10434.83	1.677

Total Area = 1465613.0, Total Amount = 39.613, Total Height = 622312.6, Sample Units = ug/l

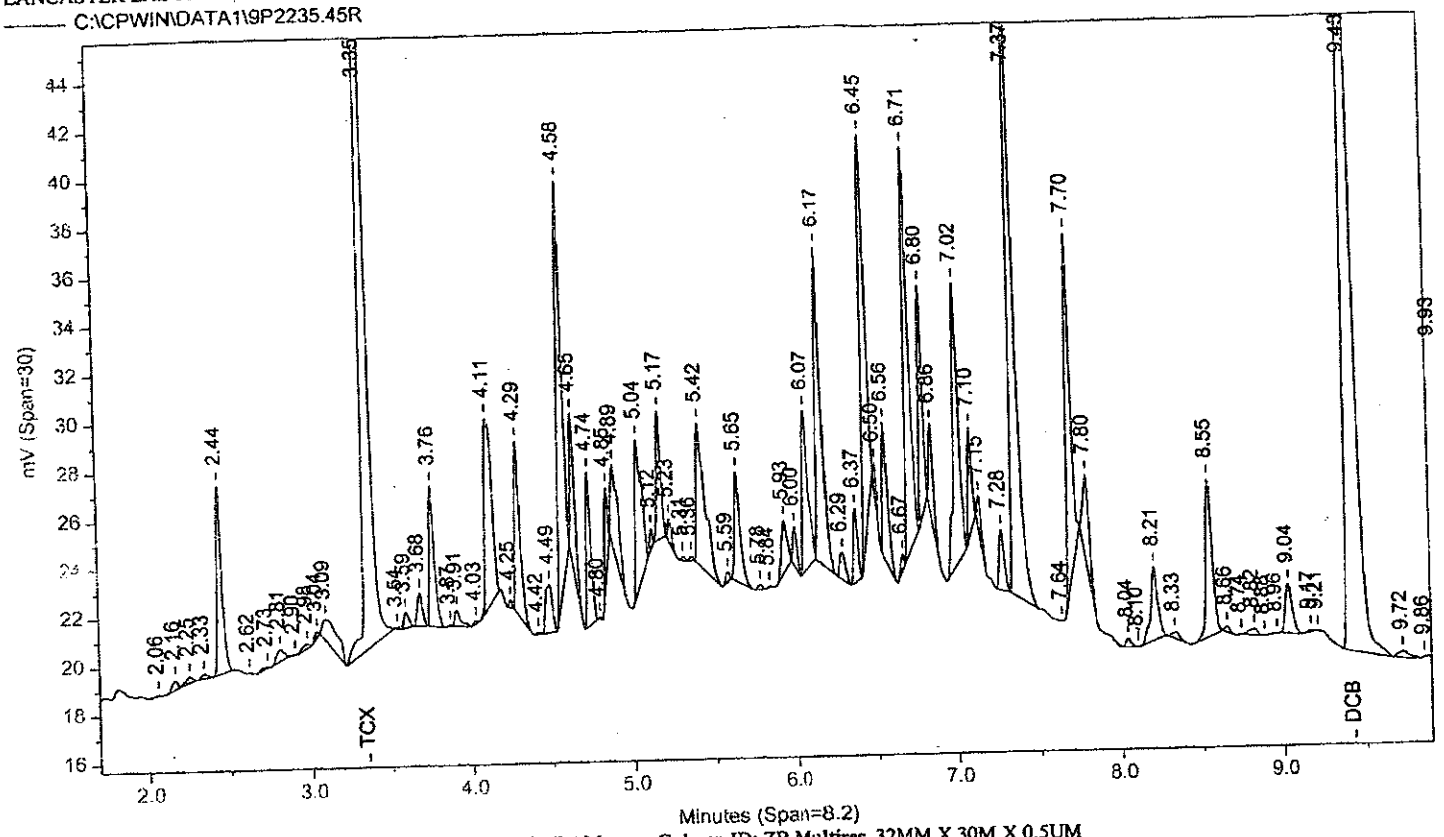
ASX84-1188

AR1620824A EZAR162EZ CCAL 0824899999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.45R

C:\CPWIN\DATA1\9P2235.45R



Instrument ID: CP02--H2601A Injected On: 9/6/2008 12:40:17 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

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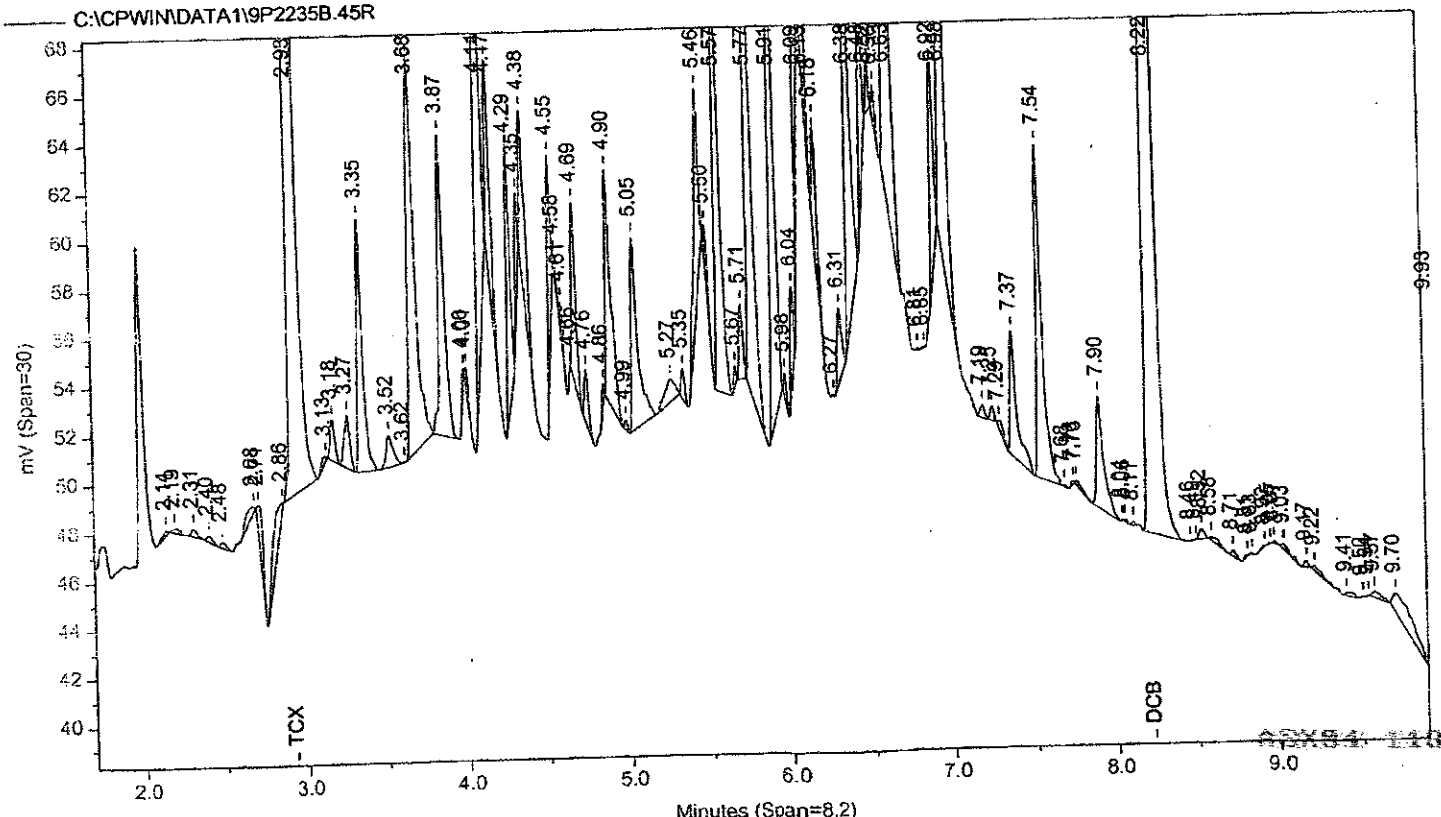

Instrument ID: CP02--H2601B Injected On: 9/6/2008 12:40:17 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	62676	19.65557	TCX	2.927	101619	19.07504	TCX
9.43	47412	20.73768	DCB	8.221	94460	20.53799	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.45A
Area File: C:\CPWIN\DATA1\9P2235B.45A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 12:50:22 AM
File Reported On: 9/6/2008 at 12:50:28 AM

10X REPLOTS

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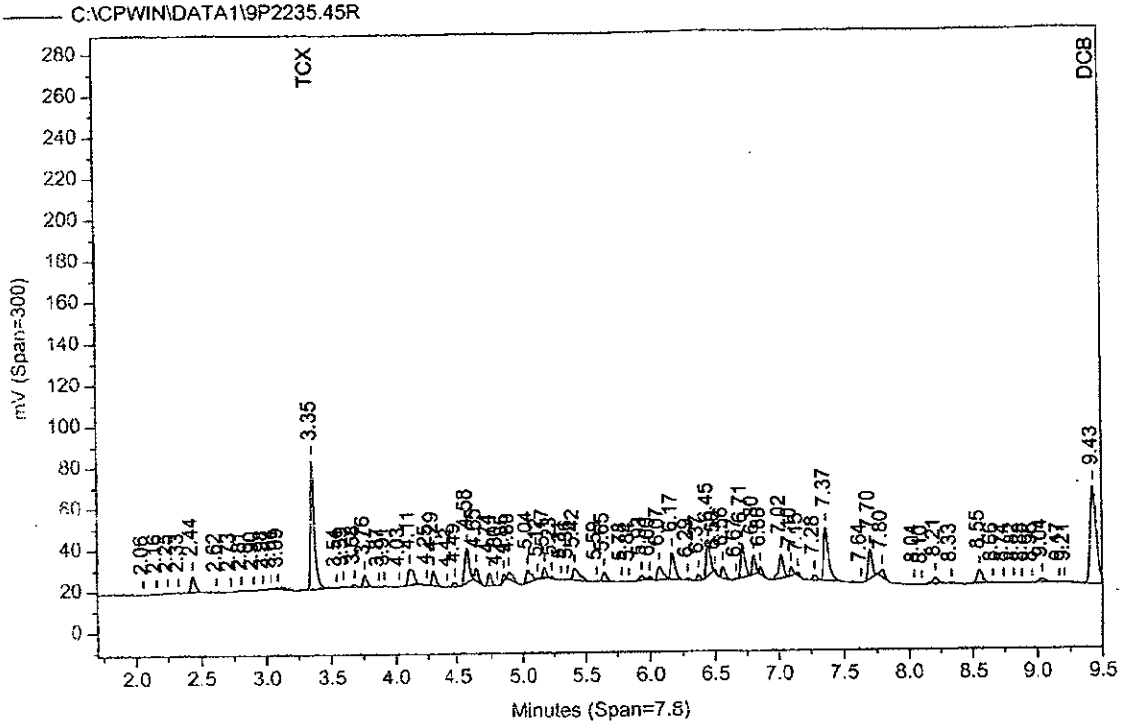

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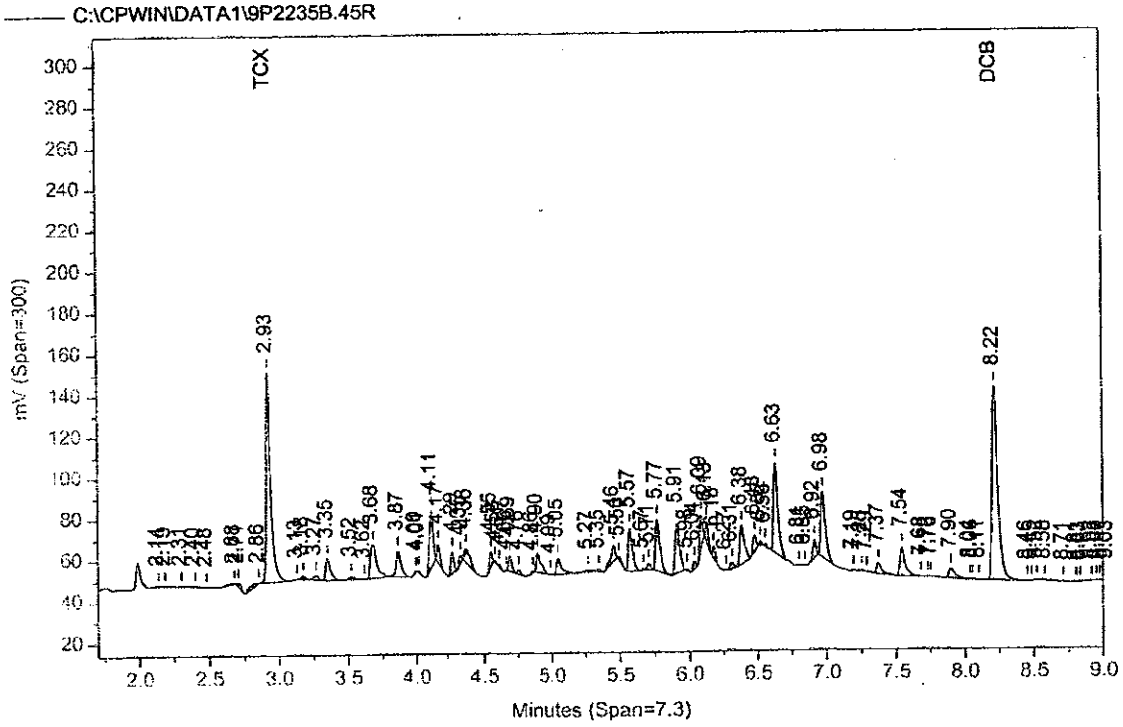

NSX84 1191

ASX84 1192

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601A via port 1 on 9/6/08 01:04:43am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.46R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.165		0.0000	0.000	298.4	0.075	BB	0.039	129.00	0.099
2	2.331		0.0000	0.000	688.3	0.174	BB	0.058	196.85	0.151
3	2.439		0.0000	0.000	2141.6	0.541	BB	0.038	934.26	0.716
4	2.633		0.0000	0.000	247.7	0.063	BB	0.173	23.82	0.018
5	2.814		0.0000	0.000	1134.0	0.287	BB	0.177	106.67	0.082
6	3.035		0.0000	0.000	139.1	0.035	BB	0.056	41.67	0.032
7	3.122		0.0000	0.000	2189.2	0.553	BB	0.113	322.69	0.247
8	3.353	TCX	195.7362	48.161	126969.8	32.099	BB	0.034	62414.82	47.821
9	3.667		0.0000	0.000	1657.1	0.419	BB	0.037	755.50	0.579
10	3.875		0.0000	0.000	386.6	0.098	BB	0.048	135.10	0.104
11	3.970		0.0000	0.000	45.8	0.012	BB	0.033	22.79	0.017
12	4.073		0.0000	0.000	258.1	0.065	BB	0.057	75.76	0.058
13	4.172		0.0000	0.000	348.2	0.088	BB	0.048	120.74	0.093
14	4.253		0.0000	0.000	34.0	0.009	BB	0.022	26.23	0.020
15	4.381		0.0000	0.000	187.5	0.047	BB	0.028	111.72	0.086
16	4.537		0.0000	0.000	1093.5	0.276	BB	0.082	223.46	0.171
17	5.317		0.0000	0.000	40845.8	10.326	BB	0.412	1650.48	1.265
18	5.592		0.0000	0.000	868.0	0.219	BB	0.062	234.78	0.180
19	5.771		0.0000	0.000	164.4	0.042	BB	0.037	73.37	0.056
20	5.880		0.0000	0.000	220.1	0.056	BB	0.061	60.16	0.046
21	5.921		0.0000	0.000	106.5	0.027	BB	0.026	67.61	0.052
22	5.956		0.0000	0.000	197.3	0.050	BB	0.027	121.75	0.093
23	6.058		0.0000	0.000	691.3	0.175	BB	0.064	180.08	0.138
24	6.193		0.0000	0.000	1014.8	0.257	BB	0.060	281.97	0.216
25	6.367		0.0000	0.000	4686.7	1.185	BB	0.048	1644.43	1.260
26	6.458		0.0000	0.000	190.9	0.048	BB	0.029	111.26	0.085
27	6.514		0.0000	0.000	59.2	0.015	BB	0.020	48.15	0.037
28	6.610		0.0000	0.000	552.9	0.140	BB	0.064	143.24	0.110
29	6.742		0.0000	0.000	1295.6	0.328	BB	0.073	294.67	0.226
30	6.822		0.0000	0.000	97.2	0.025	BB	0.029	56.56	0.043
31	6.906		0.0000	0.000	243.3	0.062	BB	0.064	63.35	0.049
32	6.997		0.0000	0.000	97.5	0.025	BB	0.023	70.88	0.054
33	7.122		0.0000	0.000	3222.6	0.815	BB	0.091	590.40	0.452
34	7.323		0.0000	0.000	166.8	0.042	BB	0.041	68.06	0.052
35	7.363		0.0000	0.000	142.5	0.036	BB	0.027	87.77	0.067
36	7.422		0.0000	0.000	73.9	0.019	BB	0.023	53.01	0.041
37	7.507		0.0000	0.000	206.6	0.052	BB	0.048	71.02	0.054
38	7.684		0.0000	0.000	118.5	0.030	BB	0.040	49.76	0.038
39	7.786		0.0000	0.000	353.5	0.089	BB	0.047	124.44	0.095
40	7.900		0.0000	0.000	1605.2	0.406	BB	0.093	289.14	0.222
41	8.049		0.0000	0.000	209.3	0.053	BB	0.037	94.12	0.072
42	8.225		0.0000	0.000	1430.6	0.362	BB	0.081	292.66	0.224
43	8.337		0.0000	0.000	1184.5	0.299	BB	0.060	329.68	0.253
44	8.572		0.0000	0.000	905.6	0.229	BB	0.096	156.50	0.120
45	8.638		0.0000	0.000	176.3	0.045	BB	0.036	81.01	0.062
46	8.697		0.0000	0.000	32.6	0.008	BB	0.023	24.05	0.018
47	8.788		0.0000	0.000	178.3	0.045	BB	0.058	51.49	0.039
48	8.853		0.0000	0.000	36.3	0.009	BB	0.039	15.48	0.012
49	8.920		0.0000	0.000	624.0	0.158	BB	0.072	144.44	0.111
50	9.036		0.0000	0.000	1576.9	0.399	BB	0.062	422.78	0.324
51	9.201		0.0000	0.000	2473.5	0.625	BB	0.104	398.18	0.305
52	9.426	DCB	210.6838	51.839	158344.4	40.030	BB	0.055	48168.32	36.906
53	9.658		0.0000	0.000	138.6	0.035	BB	0.042	55.03	0.042
54	9.823		0.0000	0.000	100.0	0.025	BB	0.034	48.82	0.037
55	9.935		0.0000	0.000	33111.7	8.371	BB	0.068	8156.90	6.250

Total Area = 395562.7, Total Amount = 406.42, Total Height = 130516.9, Sample Units = ug/l

ASX84 1193

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601B via port 2 on 9/6/08 01:04:43am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.46R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.110		0.0000	0.000	98.6	0.016	BB	0.021	78.38	0.033
2	2.143		0.0000	0.000	26.6	0.004	BB	0.008	58.89	0.025
3	2.160		0.0000	0.000	327.9	0.052	BB	0.036	150.28	0.064
4	2.260		0.0000	0.000	20.7	0.003	BB	0.007	52.54	0.022
5	2.277		0.0000	0.000	132.0	0.021	BB	0.018	119.85	0.051
6	2.327		0.0000	0.000	22.0	0.003	BB	0.007	53.19	0.023
7	2.360		0.0000	0.000	77.6	0.012	BB	0.020	66.08	0.028
8	2.410		0.0000	0.000	426.2	0.068	BB	0.044	162.80	0.069
9	2.493		0.0000	0.000	100.0	0.016	BB	0.019	86.94	0.037
10	2.544		0.0000	0.000	15.2	0.002	BB	0.006	41.19	0.018
11	2.561		0.0000	0.000	46.2	0.007	BB	0.011	70.60	0.030
12	2.577		0.0000	0.000	120.0	0.019	BB	0.016	126.83	0.054
13	2.627		0.0000	0.000	27.3	0.004	BB	0.009	52.48	0.022
14	2.661		0.0000	0.000	51.2	0.008	BB	0.018	48.29	0.021
15	2.677		0.0000	0.000	31.3	0.005	BB	0.009	57.79	0.025
16	2.710		0.0000	0.000	1994.7	0.317	BB	0.043	776.60	0.331
17	2.826		0.0000	0.000	1139.3	0.181	BB	0.146	129.84	0.055
18	2.860		0.0000	0.000	11.4	0.002	BB	0.004	50.18	0.021
19	2.876		0.0000	0.000	32.1	0.005	BB	0.008	66.13	0.028
20	2.925	TCX	195.0672	48.060	228558.0	36.302	BB	0.037	103918.60	44.350
21	3.094		0.0000	0.000	28.0	0.004	BB	0.008	60.11	0.026
22	3.110		0.0000	0.000	45.3	0.007	BB	0.011	70.83	0.030
23	3.127		0.0000	0.000	44.7	0.007	BB	0.010	75.19	0.032
24	3.143		0.0000	0.000	102.7	0.016	BB	0.020	86.81	0.037
25	3.210		0.0000	0.000	28.0	0.004	BB	0.007	65.21	0.028
26	3.248		0.0000	0.000	2421.7	0.385	BB	0.032	1273.69	0.544
27	3.344		0.0000	0.000	32.9	0.005	BB	0.009	61.43	0.026
28	3.377		0.0000	0.000	165.9	0.026	BB	0.022	122.93	0.052
29	3.426		0.0000	0.000	406.5	0.065	BB	0.027	254.29	0.109
30	3.510		0.0000	0.000	140.5	0.022	BB	0.026	91.19	0.039
31	3.560		0.0000	0.000	26.6	0.004	BB	0.007	63.09	0.027
32	3.577		0.0000	0.000	23.5	0.004	BB	0.007	54.29	0.023
33	3.610		0.0000	0.000	59.9	0.010	BB	0.013	77.75	0.033
34	3.643		0.0000	0.000	150.1	0.024	BB	0.025	98.25	0.042
35	3.760		0.0000	0.000	25.7	0.004	BB	0.007	63.45	0.027
36	3.810		0.0000	0.000	878.8	0.140	BB	0.045	327.39	0.140
37	3.893		0.0000	0.000	152.4	0.024	BB	0.021	118.82	0.051
38	3.944		0.0000	0.000	17.4	0.003	BB	0.006	49.14	0.021
39	3.960		0.0000	0.000	323.8	0.051	BB	0.025	213.53	0.091
40	4.027		0.0000	0.000	395.2	0.063	BB	0.023	288.25	0.123
41	4.075		0.0000	0.000	488.1	0.078	BB	0.034	236.15	0.101
42	4.176		0.0000	0.000	181.8	0.029	BB	0.024	124.95	0.053
43	4.244		0.0000	0.000	39.5	0.006	BB	0.009	70.41	0.030
44	4.277		0.0000	0.000	217.6	0.035	BB	0.030	119.40	0.051
45	4.361		0.0000	0.000	32.4	0.005	BB	0.009	62.70	0.027
46	4.377		0.0000	0.000	426.0	0.068	BB	0.038	184.66	0.079
47	4.477		0.0000	0.000	3645.7	0.579	BB	0.145	418.45	0.179
48	4.677		0.0000	0.000	453.7	0.072	BB	0.080	94.33	0.040
49	4.694		0.0000	0.000	45.1	0.007	BB	0.010	78.20	0.033
50	4.726		0.0000	0.000	98.4	0.016	BB	0.023	70.39	0.030
51	4.760		0.0000	0.000	79.0	0.013	BB	0.016	81.19	0.035
52	4.794		0.0000	0.000	23.8	0.004	BB	0.008	49.37	0.021
53	4.809		0.0000	0.000	122.9	0.020	BB	0.020	101.38	0.043
54	4.877		0.0000	0.000	34.6	0.006	BB	0.008	74.51	0.032
55	4.910		0.0000	0.000	18.3	0.003	BB	0.006	52.66	0.022
56	4.943		0.0000	0.000	201.4	0.032	BB	0.024	139.02	0.059
57	4.977		0.0000	0.000	37.2	0.006	BB	0.008	79.18	0.034
58	5.027		0.0000	0.000	89.2	0.014	BB	0.021	72.14	0.031
59	5.060		0.0000	0.000	81.1	0.013	BB	0.015	91.23	0.039
60	5.094		0.0000	0.000	30.7	0.005	BB	0.007	69.26	0.030
61	5.127		0.0000	0.000	18.7	0.003	BB	0.005	57.70	0.025
62	5.144		0.0000	0.000	34.9	0.006	BB	0.009	62.22	0.027

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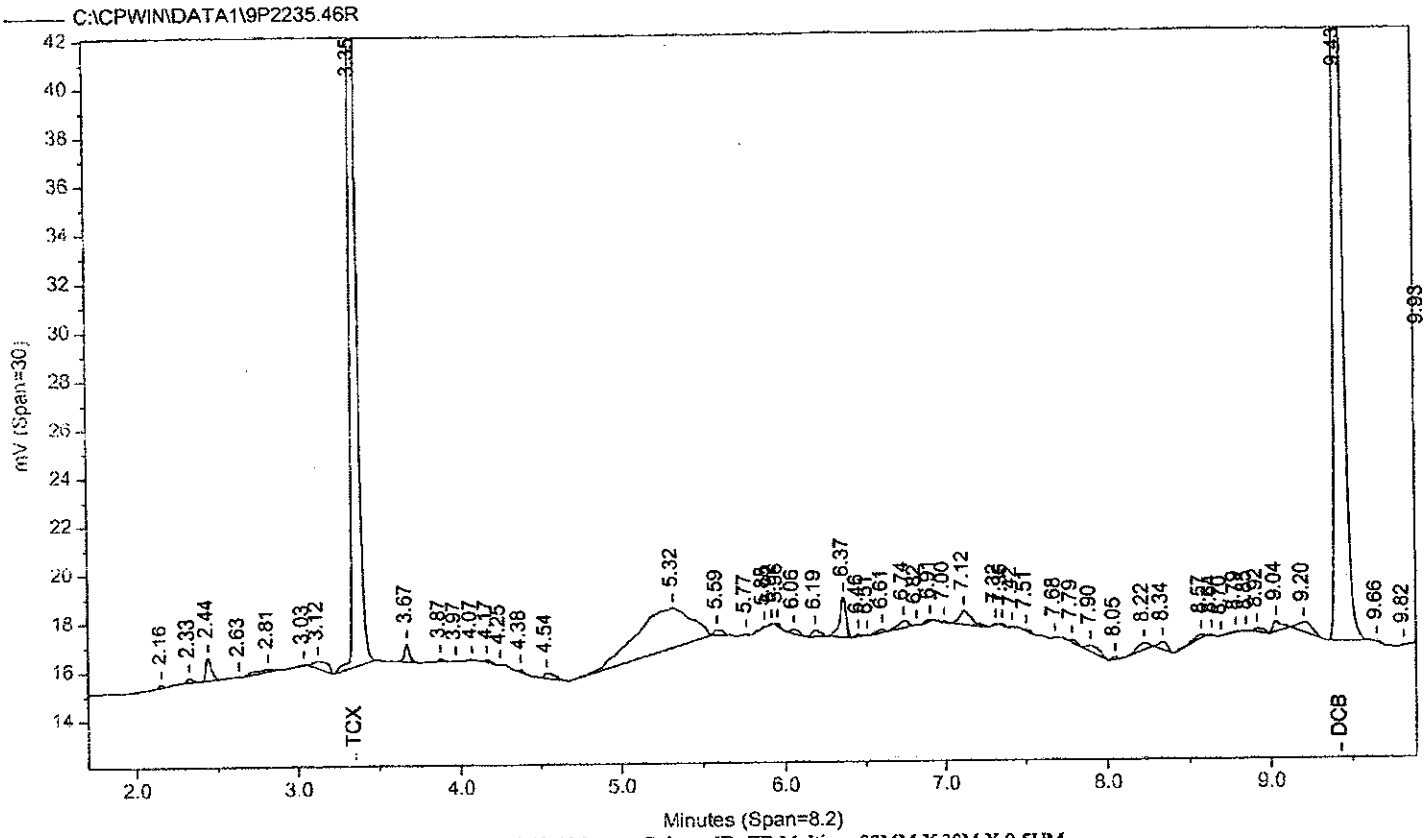
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.194		0.0000	0.000	183.9	0.029	BB	0.040	77.13	0.033
64	5.260		0.0000	0.000	1990.9	0.316	BB	0.056	591.26	0.252
65	5.326		0.0000	0.000	1458.7	0.232	BB	0.060	406.15	0.173
66	5.444		0.0000	0.000	7924.7	1.259	BB	0.111	1193.90	0.510
67	5.593		0.0000	0.000	42.3	0.007	BB	0.007	100.73	0.043
68	5.627		0.0000	0.000	43.8	0.007	BB	0.009	82.47	0.035
69	5.643		0.0000	0.000	437.8	0.070	BB	0.045	163.23	0.070
70	5.727		0.0000	0.000	336.3	0.053	BB	0.021	272.50	0.116
71	5.844		0.0000	0.000	20.2	0.003	BB	0.005	62.31	0.027
72	5.861		0.0000	0.000	22.7	0.004	BB	0.006	59.27	0.025
73	5.922		0.0000	0.000	7791.8	1.238	BB	0.052	2520.84	1.076
74	6.027		0.0000	0.000	98.0	0.016	BB	0.020	80.54	0.034
75	6.043		0.0000	0.000	50.0	0.008	BB	0.010	86.42	0.037
76	6.094		0.0000	0.000	453.7	0.072	BB	0.028	266.97	0.114
77	6.160		0.0000	0.000	450.9	0.072	BB	0.044	171.35	0.073
78	6.210		0.0000	0.000	12.6	0.002	BB	0.004	53.94	0.023
79	6.244		0.0000	0.000	37.3	0.006	BB	0.012	49.87	0.021
80	6.327		0.0000	0.000	840.7	0.134	BB	0.093	150.68	0.064
81	6.528		0.0000	0.000	1223.9	0.194	BB	0.120	170.06	0.073
82	6.544		0.0000	0.000	52.2	0.008	BB	0.012	74.04	0.032
83	6.560		0.0000	0.000	34.7	0.006	BB	0.009	63.99	0.027
84	6.577		0.0000	0.000	5282.0	0.839	BB	0.188	468.39	0.200
85	6.794		0.0000	0.000	23.7	0.004	BB	0.007	57.21	0.024
86	6.844		0.0000	0.000	127.6	0.020	BB	0.035	61.35	0.026
87	6.877		0.0000	0.000	41.0	0.007	BB	0.009	74.19	0.032
88	6.943		0.0000	0.000	11983.6	1.903	BB	0.137	1460.00	0.623
89	7.227		0.0000	0.000	891.5	0.142	BB	0.042	354.86	0.151
90	7.294		0.0000	0.000	591.1	0.094	BB	0.031	319.44	0.136
91	7.377		0.0000	0.000	1244.9	0.198	BB	0.125	165.98	0.071
92	7.594		0.0000	0.000	20.9	0.003	BB	0.006	57.78	0.025
93	7.610		0.0000	0.000	66.9	0.011	BB	0.010	107.84	0.046
94	7.643		0.0000	0.000	284.3	0.045	BB	0.025	186.05	0.079
95	7.711		0.0000	0.000	29.1	0.005	BB	0.007	66.54	0.028
96	7.743		0.0000	0.000	1972.5	0.313	BB	0.098	336.43	0.144
97	7.900		0.0000	0.000	4466.1	0.709	BB	0.066	1126.16	0.481
98	8.110		0.0000	0.000	349.2	0.055	BB	0.032	180.48	0.077
99	8.219	DCB	210.8167	51.940	284403.3	45.172	BB	0.049	96960.52	41.380
100	8.460		0.0000	0.000	67.2	0.011	BB	0.013	83.53	0.036
101	8.511		0.0000	0.000	30.7	0.005	BB	0.007	69.86	0.030
102	8.560		0.0000	0.000	1217.7	0.193	BB	0.062	327.98	0.140
103	8.743		0.0000	0.000	126.6	0.020	BB	0.019	110.71	0.047
104	8.810		0.0000	0.000	249.3	0.040	BB	0.047	89.10	0.038
105	8.827		0.0000	0.000	154.2	0.024	BB	0.021	119.96	0.051
106	8.894		0.0000	0.000	91.3	0.015	BB	0.023	66.60	0.028
107	8.927		0.0000	0.000	1505.2	0.239	BB	0.055	454.96	0.194
108	9.010		0.0000	0.000	812.0	0.129	BB	0.109	123.93	0.053
109	9.192		0.0000	0.000	84.3	0.013	BB	0.022	63.61	0.027
110	9.227		0.0000	0.000	1410.1	0.224	BB	0.056	419.58	0.179
111	9.326		0.0000	0.000	281.5	0.045	BB	0.067	69.53	0.030
112	9.443		0.0000	0.000	302.1	0.048	BB	0.029	173.52	0.074
113	9.527		0.0000	0.000	368.9	0.059	BB	0.029	213.73	0.091
114	9.610		0.0000	0.000	935.6	0.149	BB	0.064	244.93	0.105
115	9.726		0.0000	0.000	4182.5	0.664	BB	0.286	244.00	0.104
116	9.927		0.0000	0.000	37364.1	5.935	BB	0.058	10687.90	4.561

Total Area = 629596.1, Total Amount = 405.884, Total Height = 234316.9, Sample Units = ug/l

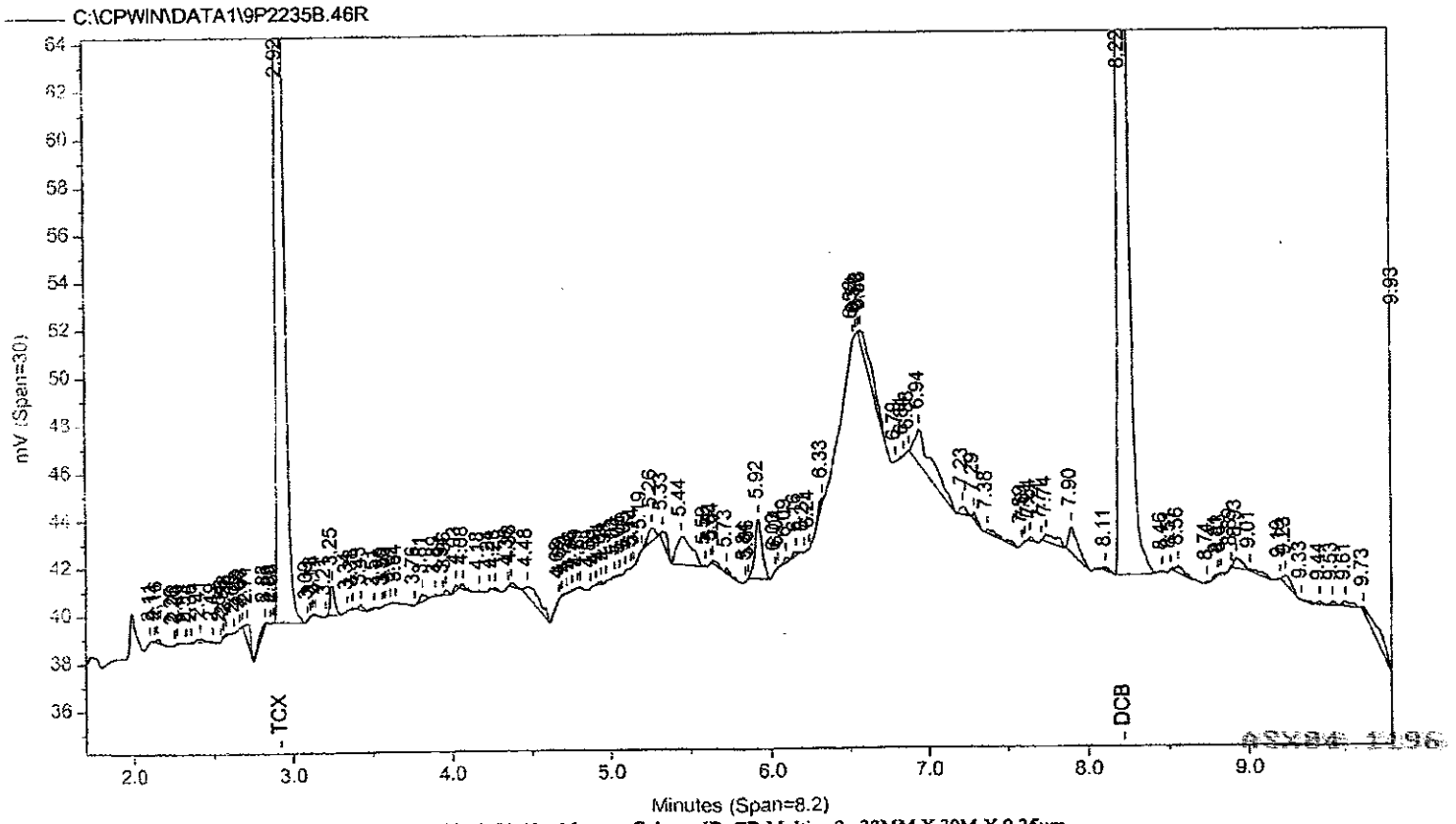
ASX04 1195

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.46R



Instrument ID: CP02--H2601A Injected On: 9/6/2008 12:54:43 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.46R



Instrument ID: CP02--H2601B Injected On: 9/6/2008 12:54:43 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1000
Analyst: 2280

Dilution Factor: 10

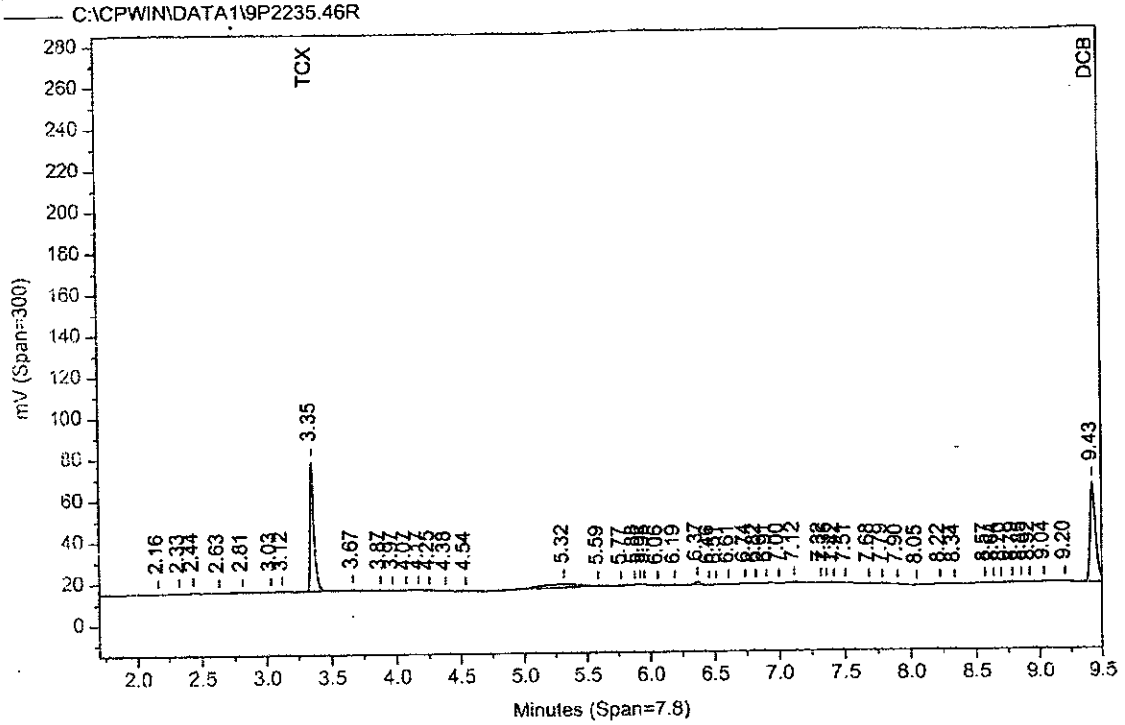
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	62415	.19574	TCX	2.925	103919	.19507	TCX
9.426	48168	.21068	DCB	8.219	96961	.21082	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.46A
Area File: C:\CPWIN\DATA1\9P2235B.46A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 1:04:48 AM
File Reported On: 9/6/2008 at 1:04:53 AM

10X REPLOTS

6SX84 1197

C:\CPWIN\DATA1\9P2235.46R



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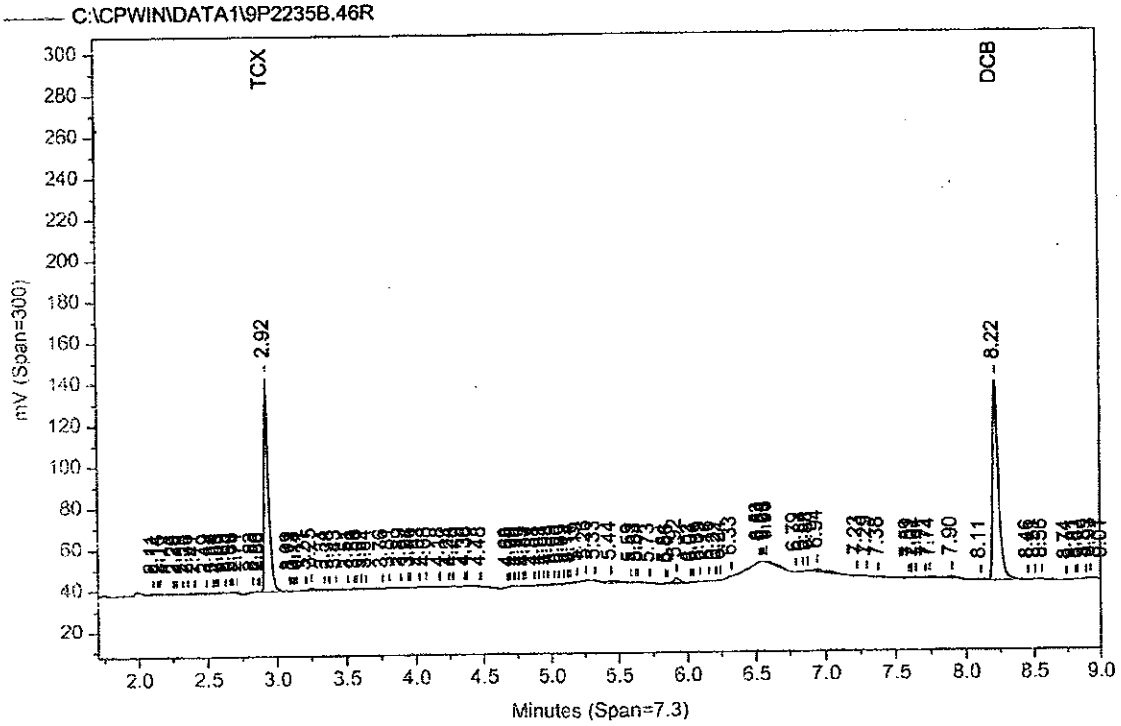

Sample Name: **AR1630824A FPAR163FP CCAL 0824899999**
Acquired from CP02--H2601A via port 1 on 9/6/08 02:31:09am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.52R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.111		0.0000	0.000	105.7	0.006	BB	0.633	2.78	0.000
2	2.158		0.0000	0.000	753.4	0.043	BB	0.039	324.99	0.045
3	2.250		0.0000	0.000	667.4	0.038	BB	0.058	193.40	0.027
4	2.331		0.0000	0.000	955.6	0.054	BB	0.036	437.78	0.061
5	2.439		0.0000	0.000	23396.1	1.326	BB	0.039	10024.94	1.390
6	2.716		0.0000	0.000	295.8	0.017	BB	0.061	80.57	0.011
7	2.805		0.0000	0.000	670.0	0.038	BB	0.048	233.02	0.032
8	2.938		0.0000	0.000	79.8	0.005	BB	0.033	39.91	0.006
9	3.030		0.0000	0.000	131.4	0.007	BB	0.034	63.74	0.009
10	3.121		0.0000	0.000	4504.5	0.255	BB	0.105	716.60	0.099
11	3.353 TCX		39.7181	49.836	265404.1	15.046	BB	0.035	126650.10	17.557
12	3.592		0.0000	0.000	3959.3	0.224	BB	0.035	1876.04	0.260
13	3.680		0.0000	0.000	6853.6	0.389	BB	0.038	3005.09	0.417
14	3.760		0.0000	0.000	27106.0	1.537	BB	0.038	12021.77	1.667
15	3.873		0.0000	0.000	59.7	0.003	BB	0.016	64.07	0.009
16	3.910		0.0000	0.000	2972.9	0.169	BB	0.037	1343.91	0.186
17	4.111		0.0000	0.000	58389.5	3.310	BB	0.060	16201.15	2.246
18	4.242		0.0000	0.000	569.2	0.032	BB	0.018	523.39	0.073
19	4.294		0.0000	0.000	32101.2	1.820	BB	0.036	14714.08	2.040
20	4.414		0.0000	0.000	318.8	0.018	BB	0.023	232.63	0.032
21	4.491		0.0000	0.000	11282.3	0.640	BB	0.047	3970.69	0.550
22	4.583		0.0000	0.000	75256.9	4.266	BB	0.038	32987.06	4.573
23	4.644		0.0000	0.000	22590.9	1.281	BB	0.030	12743.49	1.767
24	4.737		0.0000	0.000	23826.0	1.351	BB	0.031	12936.73	1.793
25	4.797		0.0000	0.000	337.1	0.019	BB	0.017	336.70	0.047
26	4.849		0.0000	0.000	10069.4	0.571	BB	0.025	6651.49	0.922
27	4.893		0.0000	0.000	20469.0	1.160	BB	0.048	7178.52	0.995
28	5.039		0.0000	0.000	34556.5	1.959	BB	0.047	12180.29	1.688
29	5.120		0.0000	0.000	2107.4	0.119	BB	0.019	1863.59	0.258
30	5.172		0.0000	0.000	19308.0	1.095	BB	0.031	10223.36	1.417
31	5.230		0.0000	0.000	3151.7	0.179	BB	0.025	2076.92	0.288
32	5.305		0.0000	0.000	425.0	0.024	BB	0.025	285.94	0.040
33	5.363		0.0000	0.000	530.0	0.030	BB	0.023	386.56	0.054
34	5.416		0.0000	0.000	44615.5	2.529	BB	0.063	11854.32	1.643
35	5.584		0.0000	0.000	1059.0	0.060	BB	0.024	734.63	0.102
36	5.645		0.0000	0.000	23981.7	1.360	BB	0.040	10036.28	1.391
37	5.840		0.0000	0.000	1178.2	0.067	BB	0.051	387.37	0.054
38	5.934		0.0000	0.000	10197.4	0.578	BB	0.037	4536.45	0.629
39	5.998		0.0000	0.000	6186.0	0.351	BB	0.028	3650.14	0.506
40	6.069		0.0000	0.000	35842.2	2.032	BB	0.050	12060.19	1.672
41	6.171		0.0000	0.000	60065.3	3.405	BB	0.038	26071.81	3.614
42	6.291		0.0000	0.000	4566.7	0.259	BB	0.036	2118.55	0.294
43	6.374		0.0000	0.000	8796.1	0.499	BB	0.032	4635.14	0.643
44	6.446		0.0000	0.000	67349.8	3.818	BB	0.037	30629.30	4.246
45	6.500		0.0000	0.000	2966.3	0.168	BB	0.021	2374.99	0.329
46	6.563		0.0000	0.000	23973.8	1.359	BB	0.037	10869.35	1.507
47	6.665		0.0000	0.000	1911.1	0.108	BB	0.025	1296.28	0.180
48	6.713		0.0000	0.000	72703.6	4.122	BB	0.037	32835.91	4.552
49	6.802		0.0000	0.000	31577.0	1.790	BB	0.029	18290.28	2.535
50	6.856		0.0000	0.000	12359.4	0.701	BB	0.027	7688.38	1.066
51	6.987		0.0000	0.000	1512.8	0.086	BB	0.041	614.43	0.085
52	7.019		0.0000	0.000	40561.1	2.299	BB	0.034	19712.17	2.733
53	7.100		0.0000	0.000	14397.3	0.816	BB	0.029	8407.18	1.165
54	7.152		0.0000	0.000	4457.4	0.253	BB	0.024	3067.10	0.425
55	7.281		0.0000	0.000	10387.9	0.589	BB	0.035	4953.58	0.687
56	7.368		0.0000	0.000	130835.5	7.417	BB	0.043	50237.33	6.964
57	7.701		0.0000	0.000	58104.2	3.294	BB	0.035	27770.60	3.850
58	7.797		0.0000	0.000	20257.7	1.148	BB	0.042	7958.65	1.103
59	8.049		0.0000	0.000	1656.2	0.094	BB	0.041	672.38	0.093
60	8.213		0.0000	0.000	23288.8	1.320	BB	0.061	6326.55	0.877
61	8.455		0.0000	0.000	39.7	0.002	BB	0.024	28.17	0.004
62	8.557		0.0000	0.000	34014.7	1.928	BB	0.044	12942.27	1.794

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.657		0.0000	0.000	855.9	0.049	BB	0.031	457.68	0.063
64	8.808		0.0000	0.000	810.0	0.046	BB	0.062	217.45	0.030
65	9.038		0.0000	0.000	10886.2	0.617	BB	0.047	3844.95	0.533
66	9.181		0.0000	0.000	2342.1	0.133	BB	0.111	351.01	0.049
67	9.435	DCB	39.9792	50.164	314006.0	17.802	BB	0.057	91403.93	12.671
68	9.873		0.0000	0.000	170.1	0.010	BB	0.071	39.66	0.005
69	9.921		0.0000	0.000	32795.2	1.859	BB	0.056	9724.73	1.348

Total Area = 1763912.0, Total Amount = 79.697, Total Height = 721370.4, Sample Units = ug/l

Sample Name: **AR1630824A FPAR163FP CCAL 0824899999**
Acquired from CP02--H2601B via port 2 on 9/6/08 02:31:09am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.52R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.139		0.0000	0.000	333.1	0.012	BB	0.080	69.17	0.006
2	2.172		0.0000	0.000	702.3	0.026	BB	0.036	322.16	0.028
3	2.290		0.0000	0.000	207.5	0.008	BB	0.035	99.43	0.009
4	2.356		0.0000	0.000	174.9	0.006	BB	0.027	108.60	0.009
5	2.407		0.0000	0.000	350.4	0.013	BB	0.037	156.64	0.013
6	2.484		0.0000	0.000	1149.6	0.042	BB	0.058	330.72	0.028
7	2.590		0.0000	0.000	187.8	0.007	BB	0.049	64.24	0.005
8	2.673		0.0000	0.000	17358.4	0.637	BB	0.114	2531.32	0.217
9	2.831		0.0000	0.000	9598.3	0.352	BB	0.080	2011.26	0.172
10	2.926	TCX	38.1988	50.542	473520.1	17.376	BB	0.039	203497.60	17.413
11	3.106		0.0000	0.000	152.1	0.006	BB	0.026	98.66	0.008
12	3.177		0.0000	0.000	6481.0	0.238	BB	0.032	3384.55	0.290
13	3.268		0.0000	0.000	12541.5	0.460	BB	0.042	4988.21	0.427
14	3.351		0.0000	0.000	49034.0	1.799	BB	0.038	21259.66	1.819
15	3.524		0.0000	0.000	6846.7	0.251	BB	0.042	2725.15	0.233
16	3.683		0.0000	0.000	104922.8	3.850	BB	0.053	33288.76	2.849
17	3.825		0.0000	0.000	855.1	0.031	BB	0.017	850.40	0.073
18	3.867		0.0000	0.000	56869.8	2.087	BB	0.037	25564.24	2.188
19	3.998		0.0000	0.000	2331.7	0.086	BB	0.022	1743.44	0.149
20	4.016		0.0000	0.000	2755.2	0.101	BB	0.019	2363.87	0.202
21	4.113		0.0000	0.000	115616.4	4.243	BB	0.035	54493.86	4.663
22	4.171		0.0000	0.000	32070.8	1.177	BB	0.030	17635.47	1.509
23	4.289		0.0000	0.000	35154.3	1.290	BB	0.027	21306.97	1.823
24	4.346		0.0000	0.000	10790.2	0.396	BB	0.023	7907.92	0.677
25	4.380		0.0000	0.000	32668.3	1.199	BB	0.040	13753.54	1.177
26	4.550		0.0000	0.000	46411.5	1.703	BB	0.038	20538.99	1.758
27	4.613		0.0000	0.000	3619.4	0.133	BB	0.019	3198.14	0.274
28	4.663		0.0000	0.000	934.0	0.034	BB	0.030	526.71	0.045
29	4.691		0.0000	0.000	26183.8	0.961	BB	0.028	15326.93	1.312
30	4.755		0.0000	0.000	7148.5	0.262	BB	0.026	4660.60	0.399
31	4.824		0.0000	0.000	228.6	0.008	BB	0.014	275.28	0.024
32	4.863		0.0000	0.000	2544.4	0.093	BB	0.022	1949.87	0.167
33	4.898		0.0000	0.000	45458.3	1.668	BB	0.040	19154.45	1.639
34	4.991		0.0000	0.000	997.9	0.037	BB	0.021	781.96	0.067
35	5.050		0.0000	0.000	29354.8	1.077	BB	0.034	14457.27	1.237
36	5.241		0.0000	0.000	162.6	0.006	BB	0.032	85.10	0.007
37	5.266		0.0000	0.000	891.8	0.033	BB	0.029	517.60	0.044
38	5.351		0.0000	0.000	4301.8	0.158	BB	0.028	2603.78	0.223
39	5.459		0.0000	0.000	31115.1	1.142	BB	0.037	13993.06	1.197
40	5.496		0.0000	0.000	5217.2	0.191	BB	0.022	3877.13	0.332
41	5.576		0.0000	0.000	89991.3	3.302	BB	0.038	39571.26	3.386
42	5.668		0.0000	0.000	699.4	0.026	BB	0.015	767.62	0.066
43	5.708		0.0000	0.000	10427.9	0.383	BB	0.026	6644.78	0.569
44	5.768		0.0000	0.000	110838.8	4.067	BB	0.039	47016.30	4.023
45	5.912		0.0000	0.000	93646.1	3.436	BB	0.037	42053.89	3.599
46	5.984		0.0000	0.000	2459.8	0.090	BB	0.020	2052.64	0.176
47	6.039		0.0000	0.000	10007.4	0.367	BB	0.024	6812.44	0.583
48	6.088		0.0000	0.000	50376.9	1.849	BB	0.026	31880.88	2.728
49	6.129		0.0000	0.000	24982.2	0.917	BB	0.023	18313.01	1.567
50	6.180		0.0000	0.000	15788.4	0.579	BB	0.024	10837.30	0.927
51	6.315		0.0000	0.000	11627.4	0.427	BB	0.033	5863.00	0.502
52	6.385		0.0000	0.000	83437.2	3.062	BB	0.039	35896.13	3.072
53	6.482		0.0000	0.000	23389.3	0.858	BB	0.028	14172.81	1.213
54	6.523		0.0000	0.000	3303.3	0.121	BB	0.017	3170.78	0.271
55	6.562		0.0000	0.000	3887.2	0.143	BB	0.019	3327.41	0.285
56	6.636		0.0000	0.000	187768.5	6.890	BB	0.039	79449.04	6.799
57	6.824		0.0000	0.000	55.6	0.002	BB	0.015	62.16	0.005
58	6.857		0.0000	0.000	52.3	0.002	BB	0.025	35.27	0.003
59	6.921		0.0000	0.000	28498.6	1.046	BB	0.028	17223.63	1.474
60	6.980		0.0000	0.000	128105.3	4.701	BB	0.037	57155.40	4.891
61	7.199		0.0000	0.000	1672.7	0.061	BB	0.030	915.39	0.078
62	7.260		0.0000	0.000	1383.1	0.051	BB	0.026	903.16	0.077

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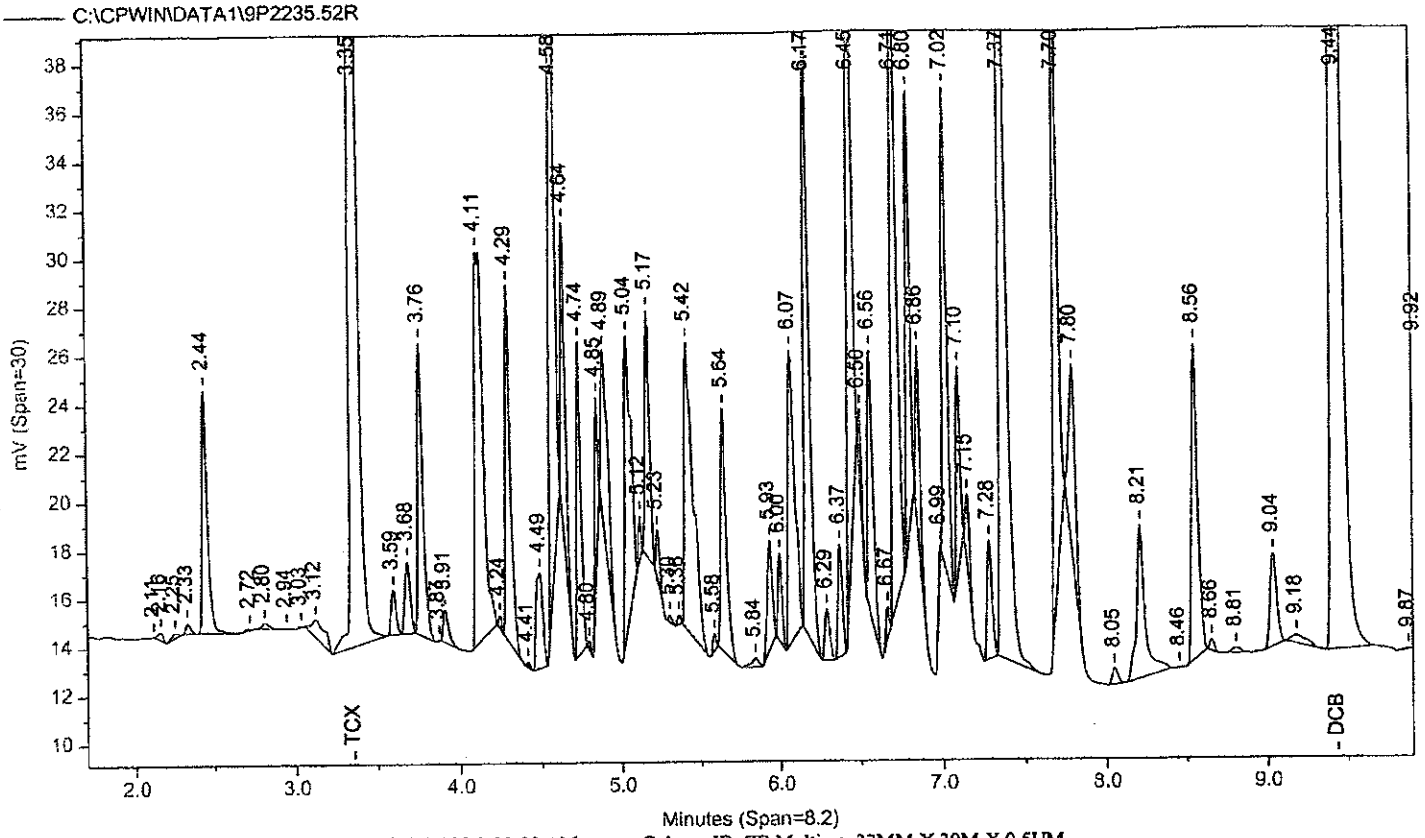
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.300		0.0000	0.000	1174.6	0.043	BB	0.029	679.52	0.058
64	7.379		0.0000	0.000	23113.1	0.848	BB	0.038	10006.93	0.856
65	7.547		0.0000	0.000	65854.1	2.417	BB	0.042	26155.71	2.238
66	7.724		0.0000	0.000	22.8	0.001	BB	0.006	63.36	0.005
67	7.740		0.0000	0.000	355.9	0.013	BB	0.042	141.20	0.012
68	7.839		0.0000	0.000	30.5	0.001	BB	0.007	72.52	0.006
69	7.904		0.0000	0.000	21826.1	0.801	BB	0.042	8632.82	0.739
70	8.007		0.0000	0.000	688.2	0.025	BB	0.071	161.70	0.014
71	8.124		0.0000	0.000	50.0	0.002	BB	0.022	37.83	0.003
72	8.141		0.0000	0.000	30.4	0.001	BB	0.009	54.54	0.005
73	8.157		0.0000	0.000	40.8	0.001	BB	0.010	64.81	0.006
74	8.224	DCB	37.3798	49.458	529939.7	19.447	BB	0.051	171920.30	14.711
75	8.523		0.0000	0.000	29.8	0.001	BB	0.010	48.08	0.004
76	8.540		0.0000	0.000	519.2	0.019	BB	0.051	168.24	0.014
77	8.741		0.0000	0.000	285.9	0.010	BB	0.038	126.72	0.011
78	8.840		0.0000	0.000	550.0	0.020	BB	0.095	96.13	0.008
79	8.889		0.0000	0.000	3993.7	0.147	BB	0.230	289.43	0.025
80	9.240		0.0000	0.000	807.0	0.030	BB	0.043	311.66	0.027
81	9.340		0.0000	0.000	546.6	0.020	BB	0.076	119.12	0.010
82	9.490		0.0000	0.000	16.7	0.001	BB	0.008	34.26	0.003
83	9.540		0.0000	0.000	277.7	0.010	BB	0.042	109.28	0.009
84	9.607		0.0000	0.000	46.5	0.002	BB	0.020	38.82	0.003
85	9.640		0.0000	0.000	69.5	0.003	BB	0.016	72.64	0.006
86	9.674		0.0000	0.000	7690.3	0.282	BB	0.312	410.67	0.035
87	9.925		0.0000	0.000	7140.5	0.262	BB	0.059	2027.92	0.174
88	9.939		0.0000	0.000	329.8	0.012	BB	0.036	150.68	0.013

Total Area = 2725070.0, Total Amount = 75.579, Total Height = 1168622.0, Sample Units = ug/l

6SX04-1282

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.52R

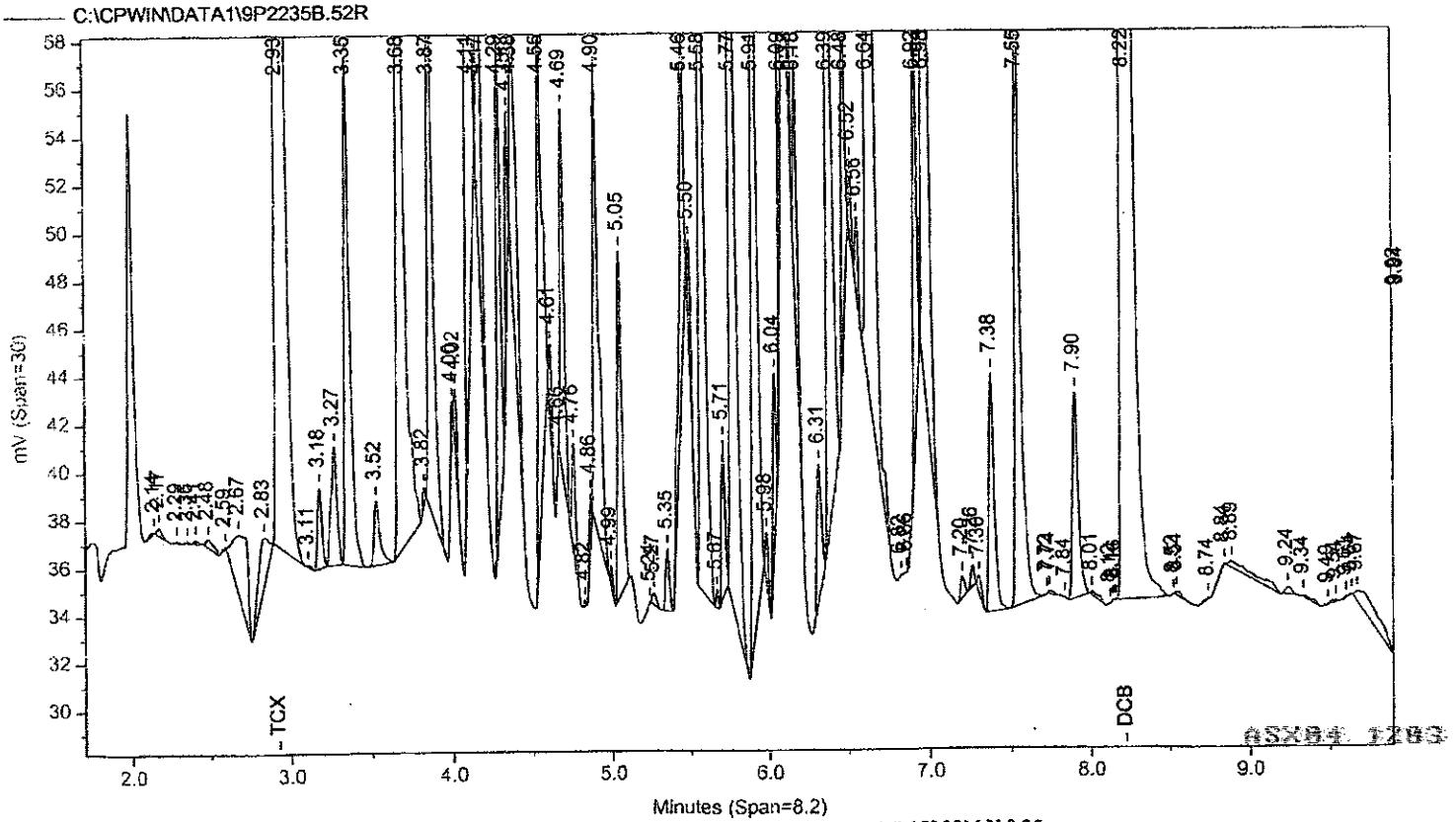
C:\CPWIN\DATA1\9P2235.52R



Instrument ID: CP02–H2601A Injected On: 9/6/2008 2:21:09 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.52R

C:\CPWIN\DATA1\9P2235B.52R



Instrument ID: CP02–H2601B Injected On: 9/6/2008 2:21:09 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

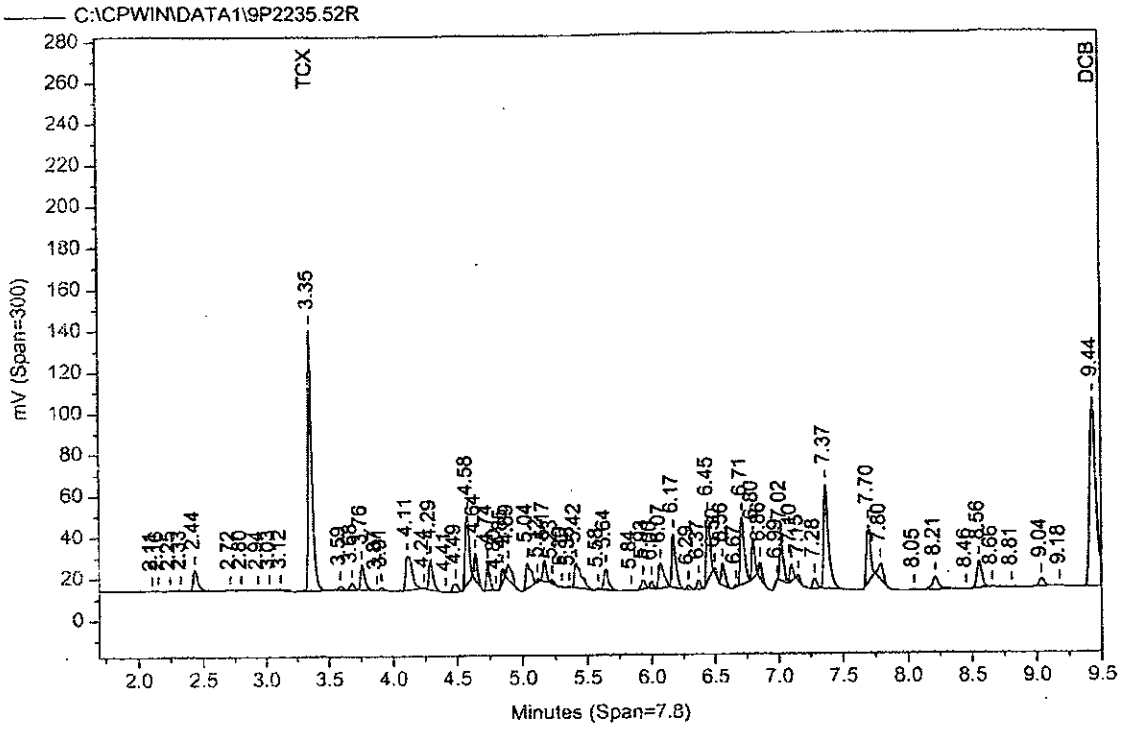
Dilution Factor: 1

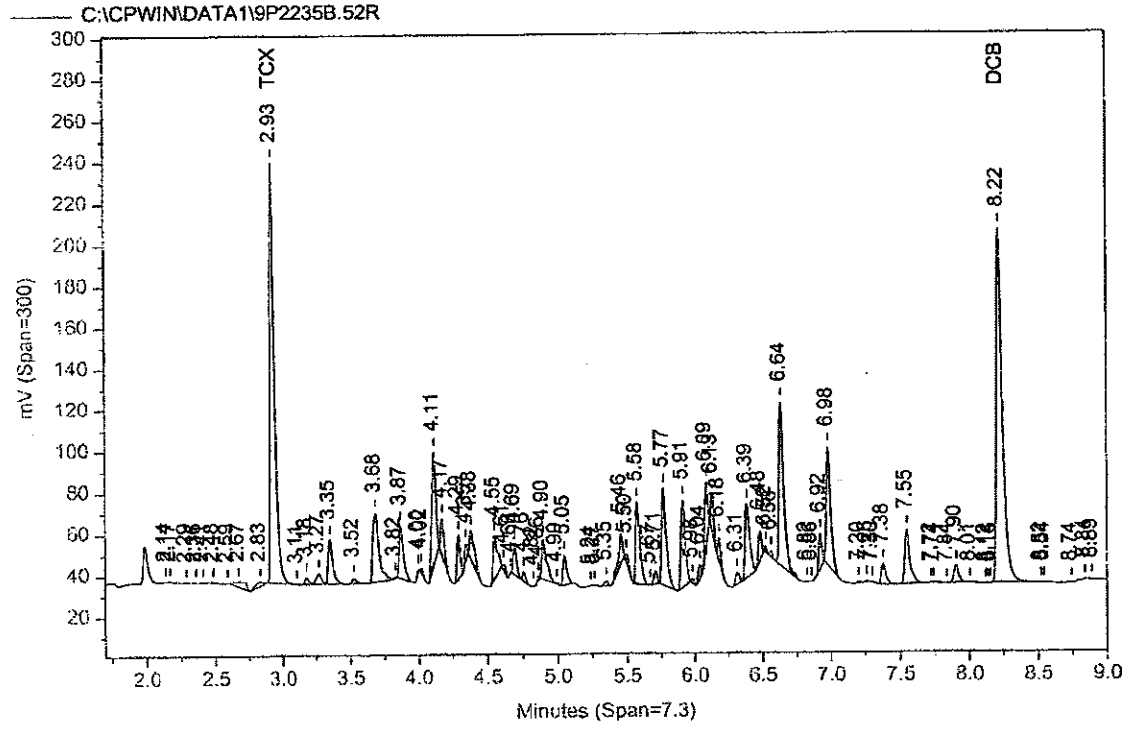
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	126650	39.71813	TCX	2.926	203498	38.19882	TCX
9.435	91404	39.97923	DCB	8.224	171920	37.37981	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.52A
Area File: C:\CPWIN\DATA1\9P2235B.52A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 2:31:14 AM
File Reported On: 9/6/2008 at 2:31:19 AM

10X REPLOTS

ASX84 1204


C:\CPWIN\DATA1\9P2235.52R
TCX
DCB
3.35
9.44
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\9P2235B.52R
TCX
DCB
2.93
8.22
mV (Span=300)
Minutes (Span=7.3)

ASX84 1285

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601A via port 1 on 9/6/08 02:45:34am by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.53R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.161		0.0000	0.000	770.4	0.202	BB	0.058	221.42	0.172
2	2.252		0.0000	0.000	339.1	0.089	BB	0.055	102.19	0.079
3	2.331		0.0000	0.000	442.5	0.116	BB	0.036	206.19	0.160
4	2.439		0.0000	0.000	1726.7	0.453	BB	0.039	740.13	0.574
5	2.543		0.0000	0.000	183.5	0.048	BB	0.051	59.40	0.046
6	2.739		0.0000	0.000	518.0	0.136	BB	0.090	95.40	0.074
7	2.938		0.0000	0.000	223.1	0.059	BB	0.059	63.11	0.049
8	3.026		0.0000	0.000	72.7	0.019	BB	0.028	43.28	0.034
9	3.123		0.0000	0.000	3410.7	0.896	BB	0.087	656.70	0.509
10	3.292		0.0000	0.000	474.4	0.125	BB	0.074	107.49	0.083
11	3.353	TCX	197.5281	49.222	126300.2	33.163	BB	0.033	62986.23	48.853
12	3.666		0.0000	0.000	1227.9	0.322	BB	0.030	681.20	0.528
13	3.873		0.0000	0.000	123.3	0.032	BB	0.026	79.37	0.062
14	4.284		0.0000	0.000	220.9	0.058	BB	0.051	72.43	0.056
15	4.380		0.0000	0.000	78.7	0.021	BB	0.024	55.01	0.043
16	4.564		0.0000	0.000	546.1	0.143	BB	0.039	234.85	0.182
17	4.742		0.0000	0.000	266.3	0.070	BB	0.040	112.04	0.087
18	5.323		0.0000	0.000	33411.4	8.773	BB	0.395	1409.32	1.093
19	5.827		0.0000	0.000	1152.5	0.303	BB	0.087	221.63	0.172
20	5.910		0.0000	0.000	47.4	0.012	BB	0.020	38.57	0.030
21	5.959		0.0000	0.000	334.6	0.088	BB	0.030	186.55	0.145
22	6.210		0.0000	0.000	871.1	0.229	BB	0.091	160.00	0.124
23	6.305		0.0000	0.000	24.2	0.006	BB	0.018	22.56	0.017
24	6.367		0.0000	0.000	2720.1	0.714	BB	0.036	1272.33	0.987
25	6.566		0.0000	0.000	329.7	0.087	BB	0.039	142.68	0.111
26	6.660		0.0000	0.000	65.1	0.017	BB	0.032	33.65	0.026
27	6.754		0.0000	0.000	754.4	0.198	BB	0.064	197.04	0.153
28	6.848		0.0000	0.000	105.9	0.028	BB	0.035	50.71	0.039
29	6.946		0.0000	0.000	755.2	0.198	BB	0.071	178.06	0.138
30	7.129		0.0000	0.000	2581.1	0.678	BB	0.069	622.92	0.483
31	7.281		0.0000	0.000	222.2	0.058	BB	0.053	69.68	0.054
32	7.448		0.0000	0.000	407.2	0.107	BB	0.057	118.72	0.092
33	7.509		0.0000	0.000	263.4	0.069	BB	0.049	89.50	0.069
34	7.663		0.0000	0.000	33.1	0.009	BB	0.026	21.02	0.016
35	7.738		0.0000	0.000	1139.0	0.299	BB	0.100	189.83	0.147
36	7.893		0.0000	0.000	550.9	0.145	BB	0.076	121.04	0.094
37	8.058		0.0000	0.000	62.3	0.016	BB	0.023	44.23	0.034
38	8.241		0.0000	0.000	2296.7	0.603	BB	0.092	416.71	0.323
39	8.449		0.0000	0.000	153.4	0.040	BB	0.048	52.90	0.041
40	8.643		0.0000	0.000	295.4	0.078	BB	0.095	51.91	0.040
41	8.771		0.0000	0.000	621.1	0.163	BB	0.074	139.39	0.108
42	8.891		0.0000	0.000	207.2	0.054	BB	0.082	41.99	0.033
43	9.045		0.0000	0.000	1064.0	0.279	BB	0.046	389.23	0.302
44	9.196		0.0000	0.000	1645.3	0.432	BB	0.123	222.45	0.173
45	9.437	DCB	203.7712	50.778	159610.7	41.910	BB	0.057	46587.92	36.135
46	9.924		0.0000	0.000	32194.0	8.453	BB	0.058	9320.08	7.229

Total Area = 380843.4, Total Amount = 401.299, Total Height = 128929.1, Sample Units = ug/l

Sample Name: **IBLKX0824C MTPIBLKMT PIBLK0824899999**
Acquired from CP02--H2601B via port 2 on 9/6/08 02:45:34am by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.53R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

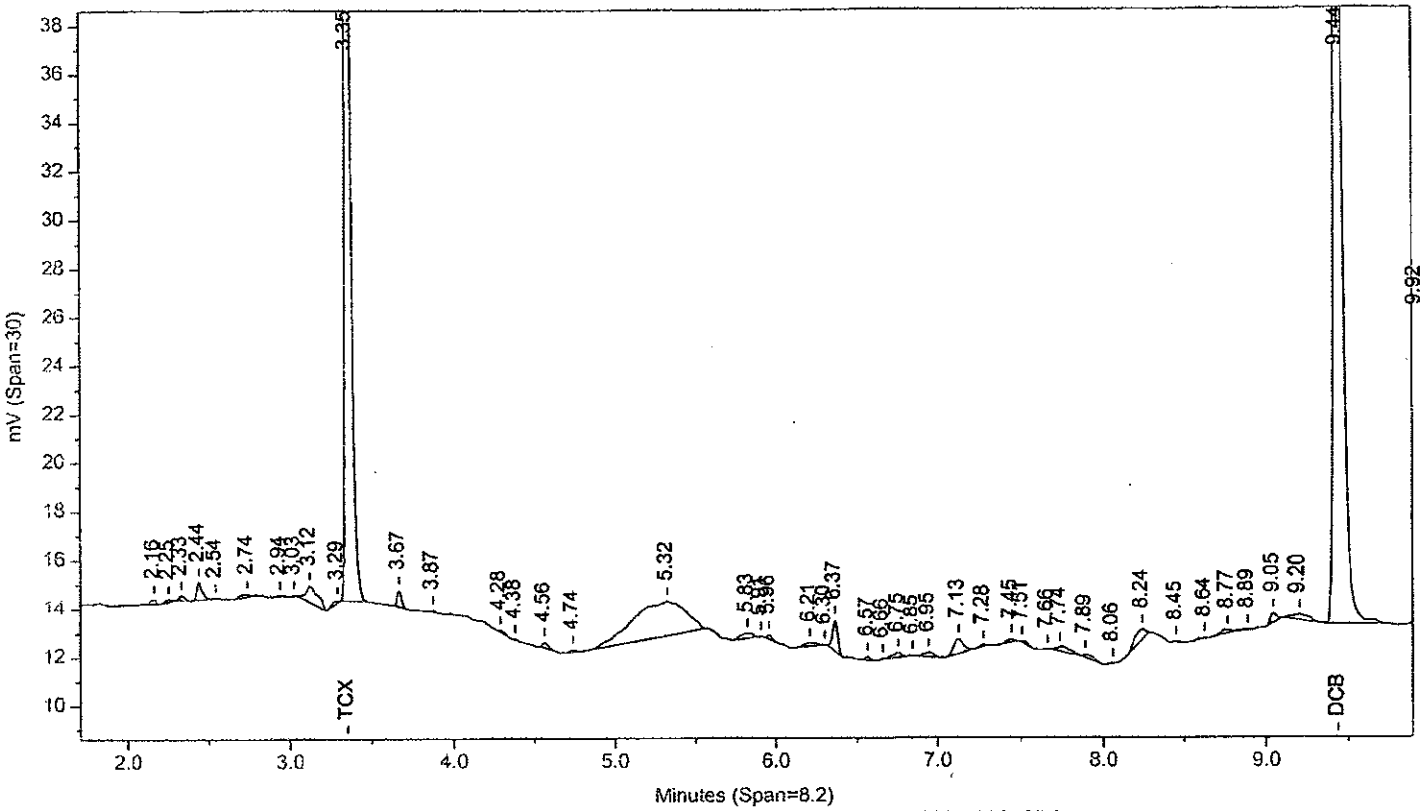
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.135		0.0000	0.000	391.7	0.052	BB	0.077	84.57	0.036
2	2.169		0.0000	0.000	489.1	0.065	BB	0.038	212.14	0.089
3	2.286		0.0000	0.000	465.9	0.062	BB	0.042	186.59	0.078
4	2.346		0.0000	0.000	137.0	0.018	BB	0.025	93.08	0.039
5	2.403		0.0000	0.000	902.8	0.120	BB	0.063	238.83	0.100
6	2.586		0.0000	0.000	105.5	0.014	BB	0.031	56.29	0.024
7	2.654		0.0000	0.000	53.3	0.007	BB	0.018	48.51	0.020
8	2.686		0.0000	0.000	61.2	0.008	BB	0.019	54.92	0.023
9	2.828		0.0000	0.000	6886.6	0.915	BB	0.067	1721.65	0.723
10	2.926	TCX	205.3438	50.376	238845.0	31.720	BB	0.036	109393.30	45.945
11	3.103		0.0000	0.000	395.8	0.053	BB	0.043	155.18	0.065
12	3.248		0.0000	0.000	3070.8	0.408	BB	0.034	1505.34	0.632
13	3.370		0.0000	0.000	226.4	0.030	BB	0.032	116.34	0.049
14	3.426		0.0000	0.000	402.1	0.053	BB	0.028	241.95	0.102
15	3.603		0.0000	0.000	2264.4	0.301	BB	0.129	292.59	0.123
16	3.753		0.0000	0.000	21.7	0.003	BB	0.010	36.80	0.015
17	3.812		0.0000	0.000	3261.3	0.433	BB	0.098	554.11	0.233
18	4.023		0.0000	0.000	1531.7	0.203	BB	0.040	631.94	0.265
19	4.237		0.0000	0.000	799.6	0.106	BB	0.049	273.49	0.115
20	4.420		0.0000	0.000	498.4	0.066	BB	0.074	112.17	0.047
21	4.480		0.0000	0.000	631.1	0.084	BB	0.049	215.24	0.090
22	4.594		0.0000	0.000	188.1	0.025	BB	0.022	141.15	0.059
23	4.686		0.0000	0.000	3147.5	0.418	BB	0.130	402.01	0.169
24	4.900		0.0000	0.000	984.8	0.131	BB	0.065	252.09	0.106
25	5.019		0.0000	0.000	584.9	0.078	BB	0.037	261.71	0.110
26	5.253		0.0000	0.000	15788.2	2.097	BB	0.186	1415.28	0.594
27	5.420		0.0000	0.000	2424.3	0.322	BB	0.060	672.83	0.283
28	5.504		0.0000	0.000	871.3	0.116	BB	0.080	181.91	0.076
29	5.621		0.0000	0.000	914.4	0.121	BB	0.097	157.39	0.066
30	5.803		0.0000	0.000	106.9	0.014	BB	0.030	59.10	0.025
31	5.920		0.0000	0.000	5073.0	0.674	BB	0.044	1922.76	0.808
32	6.585		0.0000	0.000	112770.1	14.977	BB	0.277	6781.18	2.848
33	6.834		0.0000	0.000	769.4	0.102	BB	0.042	308.44	0.130
34	6.952		0.0000	0.000	12958.9	1.721	BB	0.147	1471.60	0.618
35	7.261		0.0000	0.000	4680.8	0.622	BB	0.097	800.58	0.336
36	7.402		0.0000	0.000	1045.9	0.139	BB	0.043	408.49	0.172
37	7.497		0.0000	0.000	1373.5	0.182	BB	0.057	405.02	0.170
38	7.654		0.0000	0.000	930.3	0.124	BB	0.065	238.20	0.100
39	7.737		0.0000	0.000	1500.3	0.199	BB	0.078	321.46	0.135
40	7.903		0.0000	0.000	3653.4	0.485	BB	0.061	1003.25	0.421
41	8.226	DCB	202.2792	49.624	275090.7	36.534	BB	0.049	93033.87	39.074
42	8.397		0.0000	0.000	269.4	0.036	BB	0.052	85.66	0.036
43	8.544		0.0000	0.000	1670.2	0.222	BB	0.090	310.45	0.130
44	8.830		0.0000	0.000	447.5	0.059	BB	0.123	60.66	0.025
45	8.960		0.0000	0.000	1846.5	0.245	BB	0.081	379.93	0.160
46	9.211		0.0000	0.000	136.8	0.018	BB	0.037	62.10	0.026
47	9.401		0.0000	0.000	37.5	0.005	BB	0.017	37.36	0.016
48	9.511		0.0000	0.000	387.4	0.051	BB	0.398	16.22	0.007
49	9.586		0.0000	0.000	79.9	0.011	BB	0.038	35.16	0.015
50	9.654		0.0000	0.000	122.6	0.016	BB	0.121	16.91	0.007
51	9.719		0.0000	0.000	4272.2	0.567	BB	0.326	218.29	0.092
52	9.931		0.0000	0.000	37404.6	4.968	BB	0.060	10411.08	4.373

Total Area = 752972.8, Total Amount = 407.623, Total Height = 238097.2, Sample Units = ug/l

ASX04 1287

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.53R

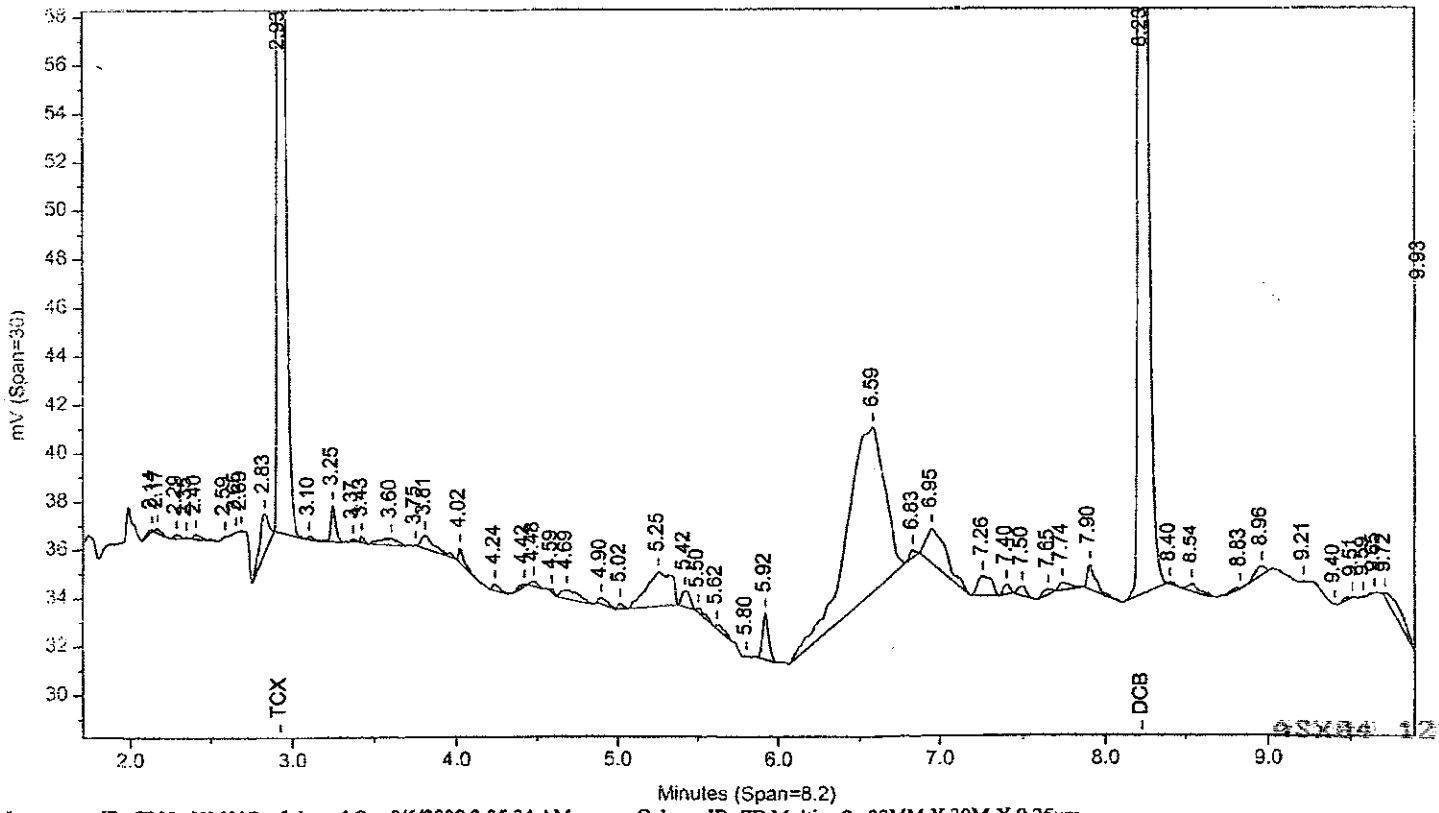
C:\CPWIN\DATA1\9P2235.53R



Instrument ID: CP02--H2601A Injected On: 9/6/2008 2:35:34 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.53R

C:\CPWIN\DATA1\9P2235B.53R



Instrument ID: CP02--H2601B Injected On: 9/6/2008 2:35:34 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02 Area Reject: 0
Calibration Type: External Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033 Area Reject: 0
Calibration Type: External Quantiation: Height

Sample Weight: 1000 Dilution Factor: 10
Analyst: 2280

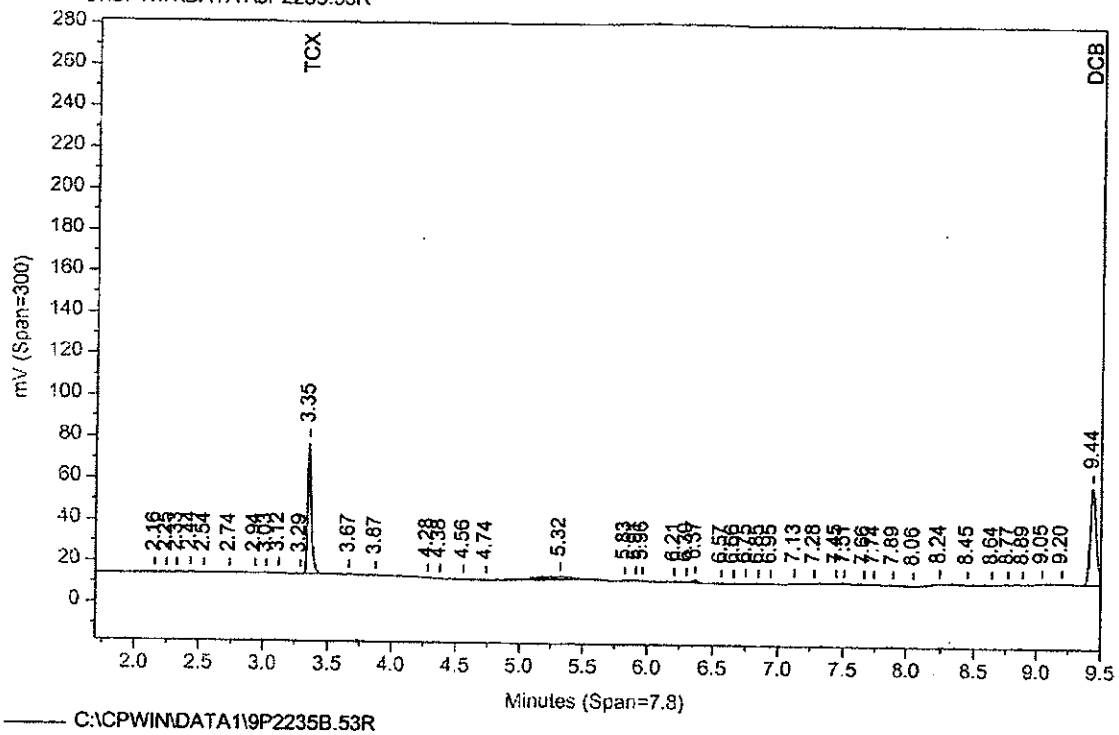
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	62986	.19753	TCX	2.926	109393	.20534	TCX
9.437	46588	.20377	DCB	8.226	93034	.20228	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.53A
Area File: C:\CPWIN\DATA1\9P2235B.53A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/6/2008 2:45:38 AM
File Reported On: 9/6/2008 at 2:45:44 AM

10X REPLOTS

ASX84 1289

C:\CPWIN\DATA1\9P2235.53R



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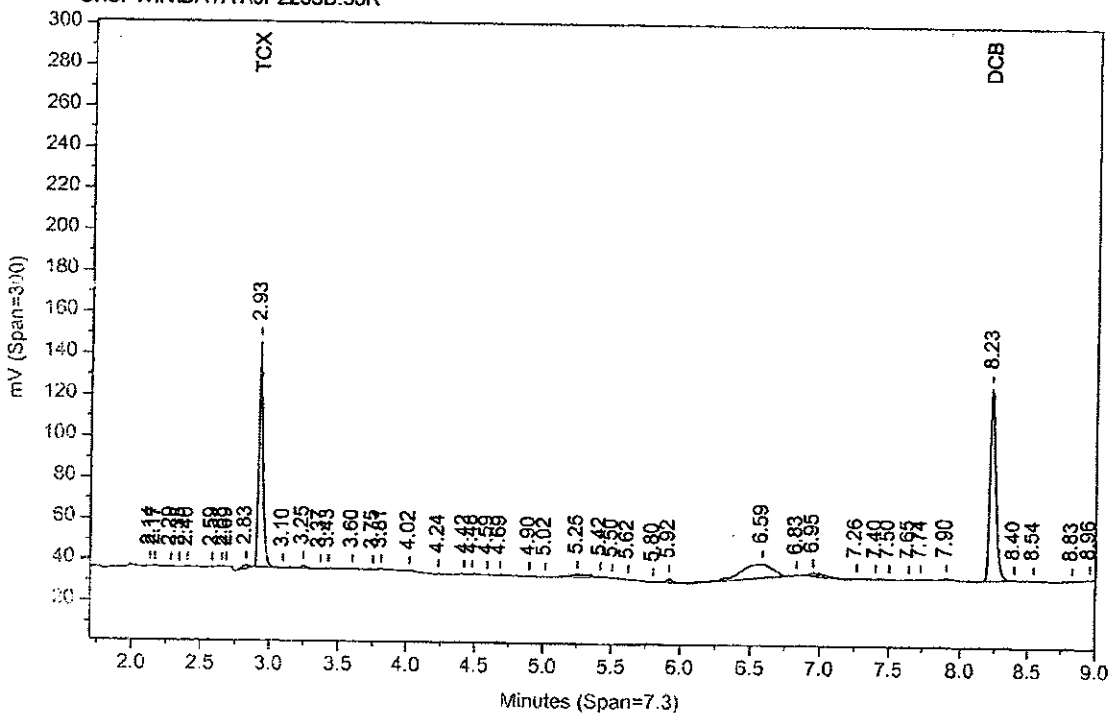

ASXB4 1218

Sample Name: **AR1640824A DIAR164DI CCAL 0825199999**
Acquired from CP02--H2601A via port 1 on 9/8/08 05:55:19pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.13R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.160		0.0000	0.000	1727.5	0.045	BB	0.075	386.20	0.024
2	2.259		0.0000	0.000	412.8	0.011	BB	0.083	83.33	0.005
3	2.331		0.0000	0.000	1586.6	0.041	BB	0.038	699.87	0.043
4	2.438		0.0000	0.000	385.2	0.010	BB	0.024	264.33	0.016
5	2.476		0.0000	0.000	173.4	0.004	BB	0.023	123.90	0.008
6	2.613		0.0000	0.000	131.4	0.003	BB	0.108	20.37	0.001
7	2.807		0.0000	0.000	1712.7	0.044	BB	0.059	484.23	0.030
8	2.896		0.0000	0.000	31.5	0.001	BB	0.028	18.99	0.001
9	2.983		0.0000	0.000	104.7	0.003	BB	0.085	20.64	0.001
10	3.114		0.0000	0.000	1118.1	0.029	BB	0.099	188.20	0.012
11	3.189		0.0000	0.000	77.5	0.002	BB	0.024	53.96	0.003
12	3.351	TCX	60.2431	50.823	412597.4	10.661	BB	0.036	192098.50	11.831
13	3.592		0.0000	0.000	11163.3	0.288	BB	0.036	5240.00	0.323
14	3.681		0.0000	0.000	15600.4	0.403	BB	0.035	7373.79	0.454
15	3.758		0.0000	0.000	73770.5	1.906	BB	0.038	32659.45	2.011
16	3.874		0.0000	0.000	44.7	0.001	BB	0.014	52.89	0.003
17	3.909		0.0000	0.000	8654.6	0.224	BB	0.038	3807.12	0.234
18	4.108		0.0000	0.000	19431.7	0.502	BB	0.022	15052.16	0.927
19	4.127		0.0000	0.000	9541.3	0.247	BB	0.020	7762.12	0.478
20	4.238		0.0000	0.000	1461.2	0.038	BB	0.020	1225.31	0.075
21	4.292		0.0000	0.000	88248.8	2.280	BB	0.037	39934.33	2.460
22	4.413		0.0000	0.000	916.8	0.024	BB	0.024	643.68	0.040
23	4.488		0.0000	0.000	32470.7	0.839	BB	0.048	11196.00	0.690
24	4.581		0.0000	0.000	207771.9	5.368	BB	0.038	90173.33	5.554
25	4.642		0.0000	0.000	59859.0	1.547	BB	0.029	34293.36	2.112
26	4.736		0.0000	0.000	74674.2	1.929	BB	0.034	36893.09	2.272
27	4.847		0.0000	0.000	25570.5	0.661	BB	0.023	18421.39	1.135
28	4.890		0.0000	0.000	57688.7	1.491	BB	0.049	19802.75	1.220
29	5.038		0.0000	0.000	93978.5	2.428	BB	0.046	33855.87	2.085
30	5.119		0.0000	0.000	5548.5	0.143	BB	0.019	4943.73	0.304
31	5.172		0.0000	0.000	51846.0	1.340	BB	0.031	28111.14	1.731
32	5.228		0.0000	0.000	8004.6	0.207	BB	0.025	5383.24	0.332
33	5.305		0.0000	0.000	1052.5	0.027	BB	0.023	754.36	0.046
34	5.364		0.0000	0.000	1283.7	0.033	BB	0.023	947.21	0.058
35	5.413		0.0000	0.000	121459.9	3.138	BB	0.063	31967.30	1.969
36	5.580		0.0000	0.000	3015.7	0.078	BB	0.025	2013.03	0.124
37	5.643		0.0000	0.000	64318.0	1.662	BB	0.041	26287.51	1.619
38	5.841		0.0000	0.000	1557.1	0.040	BB	0.034	753.54	0.046
39	5.930		0.0000	0.000	28002.7	0.724	BB	0.038	12323.70	0.759
40	5.994		0.0000	0.000	18089.1	0.467	BB	0.029	10574.36	0.651
41	6.066		0.0000	0.000	96034.0	2.481	BB	0.051	31447.13	1.937
42	6.166		0.0000	0.000	155131.9	4.008	BB	0.038	68306.31	4.207
43	6.287		0.0000	0.000	12507.2	0.323	BB	0.037	5687.82	0.350
44	6.369		0.0000	0.000	22124.2	0.572	BB	0.031	11904.76	0.733
45	6.441		0.0000	0.000	172177.6	4.449	BB	0.036	79749.05	4.912
46	6.495		0.0000	0.000	8218.3	0.212	BB	0.018	7436.64	0.458
47	6.556		0.0000	0.000	69420.5	1.794	BB	0.037	31510.01	1.941
48	6.662		0.0000	0.000	4570.3	0.118	BB	0.024	3206.56	0.197
49	6.707		0.0000	0.000	202306.4	5.227	BB	0.038	89287.48	5.499
50	6.797		0.0000	0.000	80897.7	2.090	BB	0.029	46527.47	2.866
51	6.853		0.0000	0.000	35115.4	0.907	BB	0.028	20858.15	1.285
52	6.983		0.0000	0.000	4811.5	0.124	BB	0.044	1811.36	0.112
53	7.016		0.0000	0.000	109880.3	2.839	BB	0.034	53873.89	3.318
54	7.096		0.0000	0.000	36407.8	0.941	BB	0.028	21451.12	1.321
55	7.148		0.0000	0.000	13162.6	0.340	BB	0.026	8554.75	0.527
56	7.279		0.0000	0.000	28885.8	0.746	BB	0.036	13387.18	0.825
57	7.364		0.0000	0.000	374530.8	9.677	BB	0.044	141897.90	8.739
58	7.701		0.0000	0.000	173391.5	4.480	BB	0.037	79140.23	4.874
59	7.796		0.0000	0.000	47284.0	1.222	BB	0.038	20913.24	1.288
60	7.970		0.0000	0.000	351.8	0.009	BB	0.068	85.72	0.005
61	8.048		0.0000	0.000	3036.0	0.078	BB	0.037	1385.31	0.085
62	8.210		0.0000	0.000	71723.8	1.853	BB	0.069	17357.37	1.069

ASX04 1211

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.552		0.0000	0.000	98162.9	2.536	BB	0.047	34517.73	2.126
64	8.653		0.0000	0.000	2257.9	0.058	BB	0.031	1218.11	0.075
65	8.810		0.0000	0.000	4056.6	0.105	BB	0.093	723.26	0.045
66	9.038		0.0000	0.000	30301.6	0.783	BB	0.050	10077.96	0.621
67	9.193		0.0000	0.000	3320.9	0.086	BB	0.076	725.87	0.045
68	9.332		0.0000	0.000	332.3	0.009	BB	0.037	151.63	0.009
69	9.430	DCB	58.2930	49.177	472274.5	12.203	BB	0.059	133274.50	8.208
70	9.761		0.0000	0.000	303.8	0.008	BB	0.042	119.25	0.007
71	9.800		0.0000	0.000	15.7	0.000	BB	0.017	15.39	0.001
72	9.832		0.0000	0.000	19.2	0.000	BB	0.014	22.62	0.001
73	9.918		0.0000	0.000	32161.2	0.831	BB	0.053	10133.12	0.624

Total Area = 3870260.0, Total Amount = 118.536, Total Height = 1623647.0, Sample Units = ug/l

ASX04 1212

Sample Name: **AR1640824A DIAR164DI CCAL 0825199999**
Acquired from CP02--H2601B via port 2 on 9/8/08 05:55:19pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.13R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.025		0.0000	0.000	1845.5	0.031	BB	0.030	1030.38	0.041
2	2.110		0.0000	0.000	74.2	0.001	BB	0.021	60.28	0.002
3	2.143		0.0000	0.000	74.7	0.001	BB	0.022	56.42	0.002
4	2.176		0.0000	0.000	982.2	0.017	BB	0.036	459.83	0.018
5	2.276		0.0000	0.000	66.2	0.001	BB	0.020	54.54	0.002
6	2.343		0.0000	0.000	250.8	0.004	BB	0.046	91.01	0.004
7	2.393		0.0000	0.000	276.8	0.005	BB	0.035	130.04	0.005
8	2.489		0.0000	0.000	1769.3	0.030	BB	0.046	642.96	0.025
9	2.577		0.0000	0.000	43.4	0.001	BB	0.011	64.28	0.003
10	2.610		0.0000	0.000	42.6	0.001	BB	0.010	69.41	0.003
11	2.710		0.0000	0.000	2274.9	0.039	BB	0.083	458.22	0.018
12	2.778		0.0000	0.000	54.6	0.001	BB	0.012	75.52	0.003
13	2.794		0.0000	0.000	26.5	0.000	BB	0.008	55.48	0.002
14	2.811		0.0000	0.000	43.5	0.001	BB	0.010	71.06	0.003
15	2.827		0.0000	0.000	144.4	0.002	BB	0.024	99.55	0.004
16	2.925	TCX	56.7208	52.723	736250.3	12.475	BB	0.041	302170.00	11.960
17	3.177		0.0000	0.000	18987.4	0.322	BB	0.033	9465.32	0.375
18	3.269		0.0000	0.000	26795.5	0.454	BB	0.038	11813.32	0.468
19	3.349		0.0000	0.000	129623.0	2.196	BB	0.040	54066.26	2.140
20	3.524		0.0000	0.000	17061.0	0.289	BB	0.041	7017.38	0.278
21	3.682		0.0000	0.000	270904.8	4.590	BB	0.054	83580.51	3.308
22	3.826		0.0000	0.000	2034.0	0.034	BB	0.020	1697.08	0.067
23	3.866		0.0000	0.000	151174.5	2.561	BB	0.039	64507.56	2.553
24	3.998		0.0000	0.000	6582.5	0.112	BB	0.026	4218.85	0.167
25	4.013		0.0000	0.000	5188.6	0.088	BB	0.020	4384.91	0.174
26	4.113		0.0000	0.000	295995.0	5.015	BB	0.036	137802.20	5.454
27	4.169		0.0000	0.000	77142.6	1.307	BB	0.030	43218.89	1.711
28	4.288		0.0000	0.000	91106.4	1.544	BB	0.027	55293.37	2.188
29	4.344		0.0000	0.000	26312.5	0.446	BB	0.022	20305.97	0.804
30	4.379		0.0000	0.000	82434.1	1.397	BB	0.039	34784.26	1.377
31	4.550		0.0000	0.000	117492.5	1.991	BB	0.039	50558.45	2.001
32	4.613		0.0000	0.000	9570.7	0.162	BB	0.019	8229.75	0.326
33	4.691		0.0000	0.000	92591.0	1.569	BB	0.035	44695.07	1.769
34	4.756		0.0000	0.000	18468.8	0.313	BB	0.027	11527.43	0.456
35	4.827		0.0000	0.000	471.5	0.008	BB	0.013	584.56	0.023
36	4.864		0.0000	0.000	5963.9	0.101	BB	0.021	4728.65	0.187
37	4.898		0.0000	0.000	119754.4	2.029	BB	0.041	48133.73	1.905
38	4.993		0.0000	0.000	2423.1	0.041	BB	0.019	2168.01	0.086
39	5.050		0.0000	0.000	99698.9	1.689	BB	0.044	37726.34	1.493
40	5.262		0.0000	0.000	4467.4	0.076	BB	0.043	1713.85	0.068
41	5.351		0.0000	0.000	11300.5	0.191	BB	0.029	6546.40	0.259
42	5.457		0.0000	0.000	77975.5	1.321	BB	0.035	36644.23	1.450
43	5.494		0.0000	0.000	11263.0	0.191	BB	0.024	7976.56	0.316
44	5.572		0.0000	0.000	226565.0	3.839	BB	0.038	98248.63	3.889
45	5.667		0.0000	0.000	1639.8	0.028	BB	0.015	1798.37	0.071
46	5.706		0.0000	0.000	27161.0	0.460	BB	0.027	16781.99	0.664
47	5.765		0.0000	0.000	278450.3	4.718	BB	0.040	115766.90	4.582
48	5.909		0.0000	0.000	243440.4	4.125	BB	0.037	108676.20	4.301
49	5.980		0.0000	0.000	5418.4	0.092	BB	0.019	4713.57	0.187
50	6.035		0.0000	0.000	23650.1	0.401	BB	0.025	16081.81	0.637
51	6.084		0.0000	0.000	126147.5	2.137	BB	0.027	77495.50	3.067
52	6.126		0.0000	0.000	60756.0	1.029	BB	0.022	45448.26	1.799
53	6.175		0.0000	0.000	38415.0	0.651	BB	0.025	25600.76	1.013
54	6.311		0.0000	0.000	30530.6	0.517	BB	0.032	15660.58	0.620
55	6.381		0.0000	0.000	216829.1	3.674	BB	0.040	91332.08	3.615
56	6.478		0.0000	0.000	55589.5	0.942	BB	0.026	35362.55	1.400
57	6.519		0.0000	0.000	7756.5	0.131	BB	0.017	7398.40	0.293
58	6.556		0.0000	0.000	9270.3	0.157	BB	0.020	7854.20	0.311
59	6.632		0.0000	0.000	476526.0	8.074	BB	0.040	200197.60	7.924
60	6.723		0.0000	0.000	2639.6	0.045	BB	0.018	2505.46	0.099
61	6.826		0.0000	0.000	523.2	0.009	BB	0.030	294.30	0.012
62	6.918		0.0000	0.000	70237.9	1.190	BB	0.028	41780.62	1.654

ASX84 1213

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.979		0.0000	0.000	352409.5	5.971	BB	0.040	146225.80	5.787
64	7.194		0.0000	0.000	3793.0	0.064	BB	0.030	2112.98	0.084
65	7.257		0.0000	0.000	2902.6	0.049	BB	0.025	1912.31	0.076
66	7.294		0.0000	0.000	1777.2	0.030	BB	0.024	1212.72	0.048
67	7.375		0.0000	0.000	69283.4	1.174	BB	0.043	26830.94	1.062
68	7.545		0.0000	0.000	179472.2	3.041	BB	0.045	66053.13	2.614
69	7.759		0.0000	0.000	784.5	0.013	BB	0.041	319.80	0.013
70	7.826		0.0000	0.000	147.5	0.002	BB	0.021	116.51	0.005
71	7.902		0.0000	0.000	65445.9	1.109	BB	0.052	21170.59	0.838
72	8.160		0.0000	0.000	556.9	0.009	BB	0.040	231.55	0.009
73	8.223	DCB	50.8613	47.277	744846.4	12.620	BB	0.053	233925.40	9.259
74	8.493		0.0000	0.000	2976.4	0.050	BB	0.060	824.61	0.033
75	8.609		0.0000	0.000	541.8	0.009	BB	0.027	330.08	0.013
76	8.693		0.0000	0.000	221.4	0.004	BB	0.033	111.45	0.004
77	8.710		0.0000	0.000	27.4	0.000	BB	0.009	49.91	0.002
78	8.761		0.0000	0.000	1285.7	0.022	BB	0.036	601.92	0.024
79	8.827		0.0000	0.000	49.3	0.001	BB	0.012	69.56	0.003
80	8.860		0.0000	0.000	60.7	0.001	BB	0.020	50.22	0.002
81	8.876		0.0000	0.000	109.1	0.002	BB	0.016	114.99	0.005
82	8.910		0.0000	0.000	3148.4	0.053	BB	0.267	196.39	0.008
83	9.110		0.0000	0.000	108.1	0.002	BB	0.018	102.10	0.004
84	9.161		0.0000	0.000	72.8	0.001	BB	0.018	67.68	0.003
85	9.193		0.0000	0.000	1544.2	0.026	BB	0.063	411.64	0.016
86	9.377		0.0000	0.000	125.8	0.002	BB	0.033	63.29	0.003
87	9.427		0.0000	0.000	155.0	0.003	BB	0.034	75.31	0.003
88	9.444		0.0000	0.000	53.3	0.001	BB	0.012	76.56	0.003
89	9.526		0.0000	0.000	8267.7	0.140	BB	0.116	1184.93	0.047
90	9.727		0.0000	0.000	471.7	0.008	BB	0.037	210.36	0.008
91	9.843		0.0000	0.000	2257.6	0.038	BB	0.063	592.55	0.023
92	9.943		0.0000	0.000	40511.9	0.686	BB	0.072	9361.89	0.371

Total Area = 5901956.0, Total Amount = 107.582, Total Height = 2526583.0, Sample Units = ug/l

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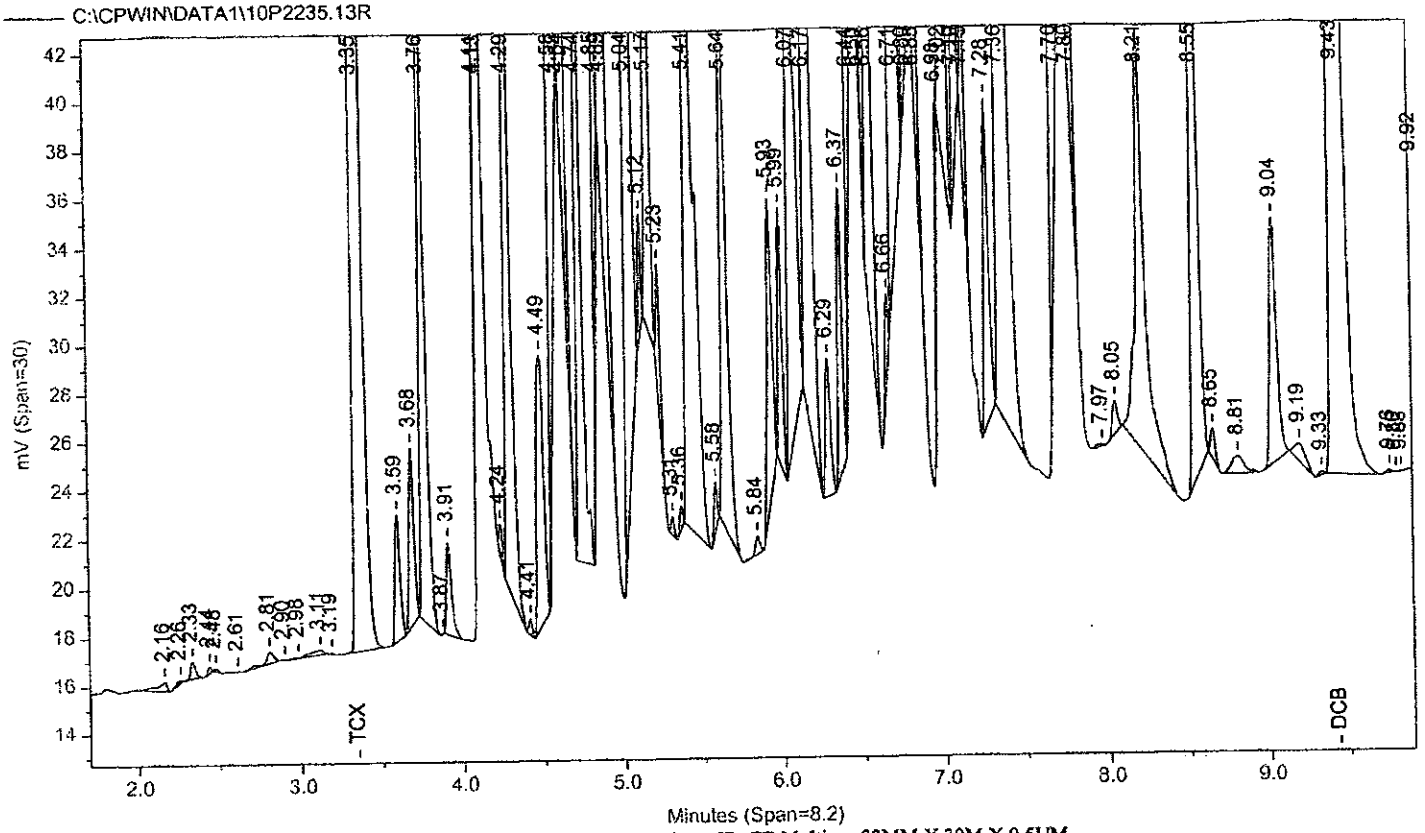
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.13R

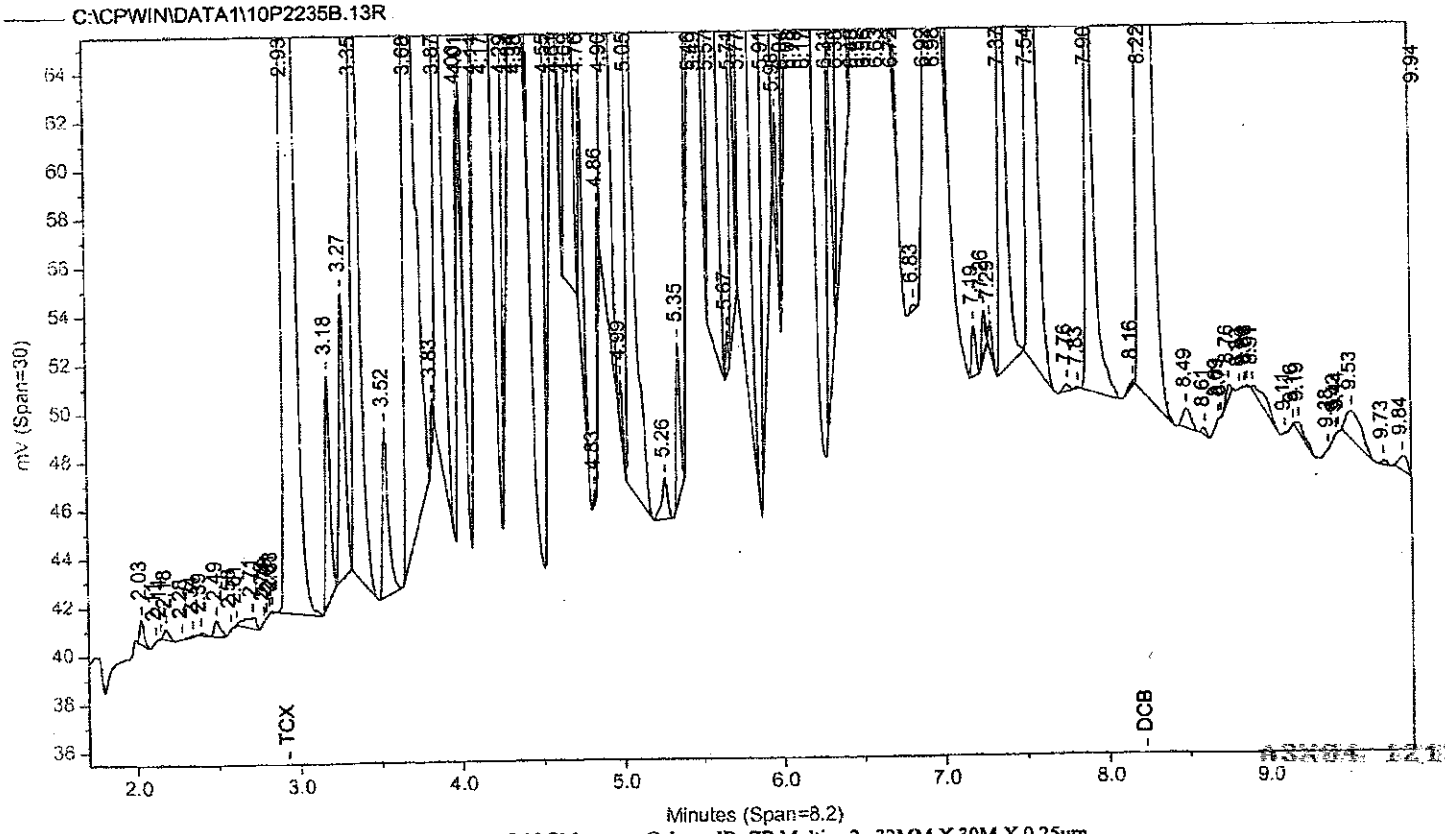
C:\CPWIN\DATA1\10P2235.13R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 5:45:19 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.13R

C:\CPWIN\DATA1\10P2235B.13R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 5:45:19 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	192099	60.24311	TCX	2.925	302170	56.72076	TCX
9.43	133275	58.29304	DCB	8.223	233925	50.8613	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.13A
Area File: C:\CPWIN\DATA1\10P2235B.13A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 5:55:24 PM
File Reported On: 9/8/2008 at 5:55:30 PM

10X REPLOTS

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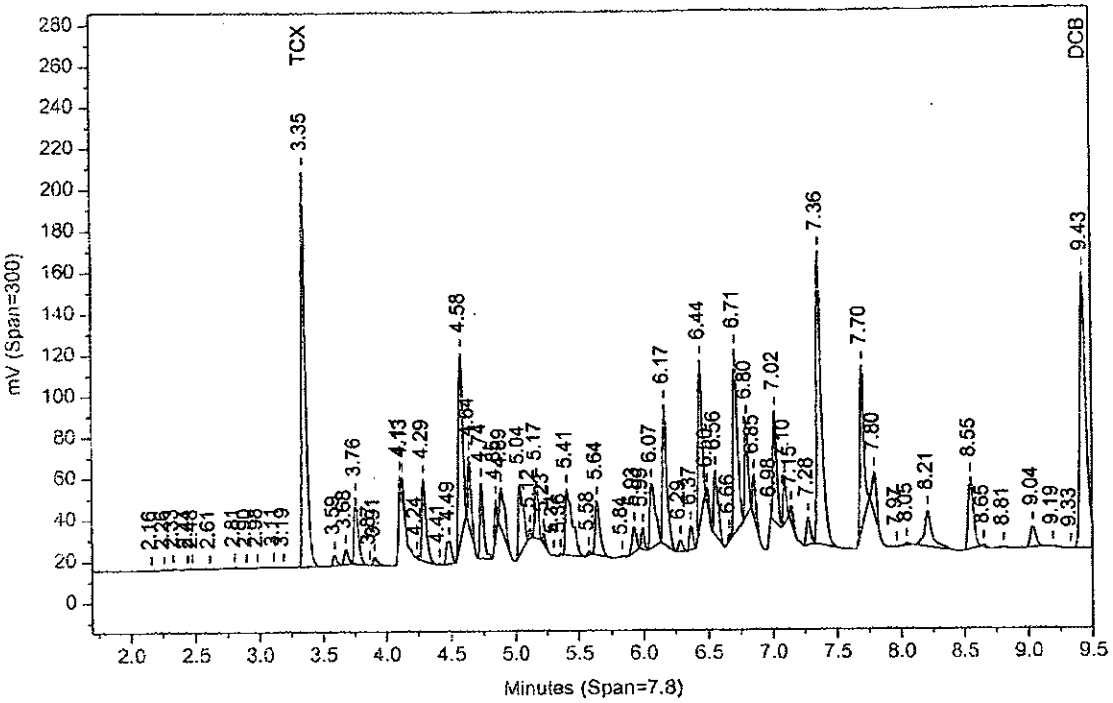
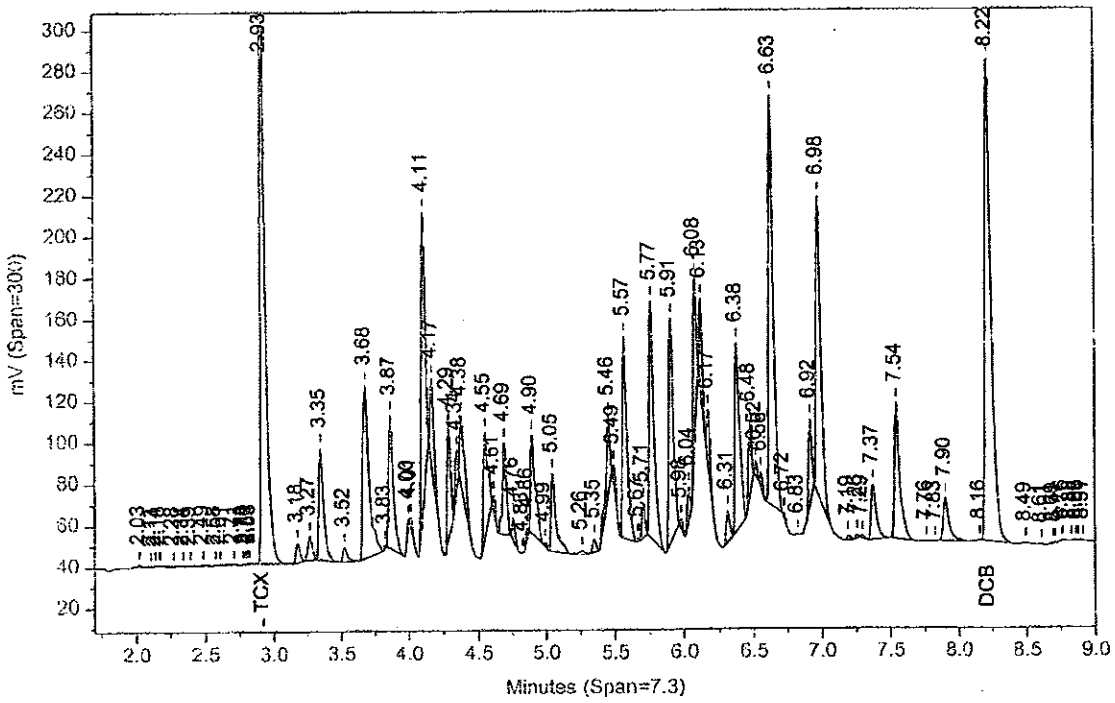
C:\CPWIN\DATA1\10P2235.13R



C:\CPWIN\DATA1\10P2235B.13R



Sample Name: **IBLKX0824C MXPIBLKMX PIBLK0825199999**
Acquired from CP02--H2601A via port 1 on 9/8/08 06:09:45pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.14R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.172		0.0000	0.000	665.3	0.173	BB	0.041	270.24	0.201
2	2.332		0.0000	0.000	1640.8	0.426	BB	0.108	252.27	0.188
3	2.441		0.0000	0.000	1413.7	0.367	BB	0.041	569.04	0.424
4	2.882		0.0000	0.000	3457.7	0.897	BB	0.335	172.03	0.128
5	3.118		0.0000	0.000	13432.4	3.484	BB	0.161	1393.17	1.038
6	3.355	TCX	181.1008	49.755	119989.4	31.121	BB	0.035	57748.00	43.007
7	3.508		0.0000	0.000	351.7	0.091	BB	0.039	152.13	0.113
8	3.559		0.0000	0.000	187.0	0.048	BB	0.032	98.68	0.073
9	3.669		0.0000	0.000	1342.5	0.348	BB	0.034	652.83	0.486
10	3.744		0.0000	0.000	281.8	0.073	BB	0.035	132.76	0.099
11	3.814		0.0000	0.000	201.0	0.052	BB	0.047	71.48	0.053
12	3.875		0.0000	0.000	411.1	0.107	BB	0.038	179.91	0.134
13	3.958		0.0000	0.000	603.4	0.156	BB	0.060	168.82	0.126
14	4.087		0.0000	0.000	2878.8	0.747	BB	0.076	632.60	0.471
15	4.210		0.0000	0.000	310.4	0.081	BB	0.027	190.03	0.142
16	4.246		0.0000	0.000	43.9	0.011	BB	0.018	40.98	0.031
17	4.336		0.0000	0.000	918.2	0.238	BB	0.042	360.49	0.268
18	4.545		0.0000	0.000	1703.4	0.442	BB	0.145	195.35	0.145
19	4.671		0.0000	0.000	401.0	0.104	BB	0.071	94.47	0.070
20	4.717		0.0000	0.000	489.9	0.127	BB	0.033	247.85	0.185
21	4.883		0.0000	0.000	1128.4	0.293	BB	0.185	101.60	0.076
22	4.961		0.0000	0.000	941.2	0.244	BB	0.049	317.28	0.236
23	4.999		0.0000	0.000	25.7	0.007	BB	0.013	32.91	0.025
24	5.236		0.0000	0.000	2149.5	0.557	BB	0.087	412.48	0.307
25	5.326		0.0000	0.000	940.9	0.244	BB	0.042	376.43	0.280
26	5.372		0.0000	0.000	180.5	0.047	BB	0.022	133.87	0.100
27	5.405		0.0000	0.000	46.0	0.012	BB	0.019	41.03	0.031
28	5.524		0.0000	0.000	1010.3	0.262	BB	0.045	374.05	0.279
29	5.613		0.0000	0.000	519.7	0.135	BB	0.037	234.87	0.175
30	5.680		0.0000	0.000	1070.7	0.278	BB	0.033	544.87	0.406
31	5.749		0.0000	0.000	287.5	0.075	BB	0.034	139.64	0.104
32	5.832		0.0000	0.000	345.1	0.090	BB	0.048	119.65	0.089
33	5.961		0.0000	0.000	3112.4	0.807	BB	0.065	794.53	0.592
34	6.064		0.0000	0.000	1501.5	0.389	BB	0.039	646.15	0.481
35	6.257		0.0000	0.000	2109.7	0.547	BB	0.129	272.30	0.203
36	6.373		0.0000	0.000	6073.8	1.575	BB	0.037	2745.39	2.045
37	6.425		0.0000	0.000	170.7	0.044	BB	0.016	182.43	0.136
38	6.458		0.0000	0.000	176.0	0.046	BB	0.023	128.03	0.095
39	6.634		0.0000	0.000	1044.8	0.271	BB	0.205	84.84	0.063
40	6.699		0.0000	0.000	619.7	0.161	BB	0.049	210.68	0.157
41	6.725		0.0000	0.000	78.0	0.020	BB	0.014	91.06	0.068
42	6.837		0.0000	0.000	1039.3	0.270	BB	0.102	170.07	0.127
43	6.858		0.0000	0.000	1403.7	0.364	BB	0.147	159.57	0.119
44	6.990		0.0000	0.000	50.4	0.013	BB	0.016	51.30	0.038
45	7.022		0.0000	0.000	463.2	0.120	BB	0.028	270.93	0.202
46	7.064		0.0000	0.000	59.5	0.015	BB	0.012	83.91	0.062
47	7.094		0.0000	0.000	34.3	0.009	BB	0.013	42.66	0.032
48	7.128		0.0000	0.000	789.2	0.205	BB	0.050	263.83	0.196
49	7.254		0.0000	0.000	80.9	0.021	BB	0.022	62.19	0.046
50	7.301		0.0000	0.000	132.5	0.034	BB	0.016	137.78	0.103
51	7.348		0.0000	0.000	1138.3	0.295	BB	0.065	292.40	0.218
52	7.448		0.0000	0.000	541.3	0.140	BB	0.037	241.51	0.180
53	7.507		0.0000	0.000	241.4	0.063	BB	0.028	141.20	0.105
54	7.565		0.0000	0.000	24.6	0.006	BB	0.009	43.17	0.032
55	7.617		0.0000	0.000	977.8	0.254	BB	0.044	366.99	0.273
56	7.659		0.0000	0.000	116.7	0.030	BB	0.024	80.42	0.060
57	7.699		0.0000	0.000	289.9	0.075	BB	0.030	161.05	0.120
58	7.822		0.0000	0.000	877.7	0.228	BB	0.039	373.38	0.278
59	7.895		0.0000	0.000	258.9	0.067	BB	0.024	181.34	0.135
60	7.923		0.0000	0.000	308.3	0.080	BB	0.024	218.55	0.163
61	8.039		0.0000	0.000	2391.9	0.620	BB	0.065	609.30	0.454
62	8.112		0.0000	0.000	40.5	0.011	BB	0.010	71.00	0.053

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.138		0.0000	0.000	65.3	0.017	BB	0.014	76.06	0.057
64	8.228		0.0000	0.000	869.4	0.225	BB	0.075	193.19	0.144
65	8.272		0.0000	0.000	102.6	0.027	BB	0.025	69.30	0.052
66	8.328		0.0000	0.000	1599.3	0.415	BB	0.067	396.10	0.295
67	8.495		0.0000	0.000	6324.6	1.640	BB	0.060	1746.13	1.300
68	8.616		0.0000	0.000	140.7	0.036	BB	0.027	87.61	0.065
69	8.660		0.0000	0.000	407.9	0.106	BB	0.035	194.30	0.145
70	8.717		0.0000	0.000	88.0	0.023	BB	0.020	73.70	0.055
71	8.868		0.0000	0.000	3099.9	0.804	BB	0.088	584.46	0.435
72	8.948		0.0000	0.000	142.3	0.037	BB	0.019	122.58	0.091
73	9.036		0.0000	0.000	887.4	0.230	BB	0.041	361.14	0.269
74	9.176		0.0000	0.000	91.9	0.024	BB	0.023	66.99	0.050
75	9.251		0.0000	0.000	8749.8	2.269	BB	0.098	1480.56	1.103
76	9.431	DCB	182.8840	50.245	138686.2	35.970	BB	0.055	41812.51	31.139
77	9.682		0.0000	0.000	118.0	0.031	BB	0.031	63.96	0.048
78	9.765		0.0000	0.000	4991.5	1.295	BB	0.083	998.61	0.744
79	9.917		0.0000	0.000	33677.0	8.735	BB	0.054	10319.33	7.685

Total Area = 385557.3, Total Amount = 363.985, Total Height = 134276.3, Sample Units = ug/l

ASX04 1219

Sample Name: **IBLKX0824C MXPIBLKMX PIBLK0825199999**
Acquired from CP02--H2601B via port 2 on 9/8/08 06:09:45pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.14R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.034		0.0000	0.000	326.4	0.048	BV	0.019	281.41	0.122
2	2.067		0.0000	0.000	269.2	0.040	VB	0.053	84.84	0.037
3	2.167		0.0000	0.000	5565.6	0.823	BB	0.106	877.53	0.381
4	2.300		0.0000	0.000	1978.3	0.293	BB	0.073	453.60	0.197
5	2.433		0.0000	0.000	2049.9	0.303	BB	0.078	435.89	0.189
6	2.684		0.0000	0.000	1071.6	0.159	BB	0.180	99.41	0.043
7	2.722		0.0000	0.000	3083.0	0.456	BB	0.031	1653.94	0.718
8	2.856		0.0000	0.000	4142.4	0.613	BB	0.415	166.49	0.072
9	2.928	TCX	177.4459	50.480	213584.5	31.594	BB	0.038	94531.23	41.018
10	3.066		0.0000	0.000	154.7	0.023	BB	0.016	157.73	0.068
11	3.134		0.0000	0.000	264.7	0.039	BB	0.058	75.77	0.033
12	3.168		0.0000	0.000	341.0	0.050	BB	0.032	176.88	0.077
13	3.250		0.0000	0.000	3610.0	0.534	BB	0.039	1528.97	0.663
14	3.376		0.0000	0.000	5118.0	0.757	BB	0.067	1274.69	0.553
15	3.532		0.0000	0.000	4575.6	0.677	BB	0.083	919.84	0.399
16	3.733		0.0000	0.000	6214.4	0.919	BB	0.100	1033.15	0.448
17	3.833		0.0000	0.000	2002.1	0.296	BB	0.044	753.89	0.327
18	3.891		0.0000	0.000	702.7	0.104	BB	0.031	376.20	0.163
19	3.966		0.0000	0.000	1118.3	0.165	BB	0.029	634.83	0.275
20	4.032		0.0000	0.000	537.5	0.080	BB	0.028	314.78	0.137
21	4.107		0.0000	0.000	597.0	0.088	BB	0.033	305.38	0.133
22	4.150		0.0000	0.000	183.5	0.027	BB	0.023	131.60	0.057
23	4.249		0.0000	0.000	2780.9	0.411	BB	0.054	854.24	0.371
24	4.374		0.0000	0.000	1673.4	0.248	BB	0.048	583.64	0.253
25	4.516		0.0000	0.000	6169.7	0.913	BB	0.081	1262.21	0.548
26	4.634		0.0000	0.000	3266.1	0.483	BB	0.064	844.31	0.366
27	4.766		0.0000	0.000	669.3	0.099	BB	0.030	375.84	0.163
28	4.857		0.0000	0.000	300.0	0.044	BB	0.059	85.28	0.037
29	4.900		0.0000	0.000	945.5	0.140	BB	0.039	400.09	0.174
30	4.944		0.0000	0.000	264.9	0.039	BB	0.031	141.63	0.061
31	5.007		0.0000	0.000	571.5	0.085	BB	0.035	268.82	0.117
32	5.067		0.0000	0.000	277.2	0.041	BB	0.052	88.73	0.039
33	5.124		0.0000	0.000	2572.9	0.381	BB	0.062	691.57	0.300
34	5.267		0.0000	0.000	13572.4	2.008	BB	0.109	2079.79	0.902
35	5.418		0.0000	0.000	361.9	0.054	BB	0.035	173.77	0.075
36	5.449		0.0000	0.000	939.3	0.139	BB	0.035	453.54	0.197
37	5.503		0.0000	0.000	1534.3	0.227	BB	0.055	463.06	0.201
38	5.617		0.0000	0.000	64.9	0.010	BB	0.017	64.73	0.028
39	5.668		0.0000	0.000	2892.4	0.428	BB	0.045	1078.86	0.468
40	5.733		0.0000	0.000	1938.1	0.287	BB	0.036	898.62	0.390
41	5.816		0.0000	0.000	72.8	0.011	BB	0.026	46.04	0.020
42	5.838		0.0000	0.000	378.9	0.056	BB	0.018	341.55	0.148
43	5.931		0.0000	0.000	22610.7	3.345	BB	0.071	5307.34	2.303
44	6.077		0.0000	0.000	191.8	0.028	BB	0.020	163.73	0.071
45	6.167		0.0000	0.000	2197.9	0.325	BB	0.050	728.51	0.316
46	6.240		0.0000	0.000	1808.1	0.267	BB	0.048	632.84	0.275
47	6.532		0.0000	0.000	8299.3	1.228	BB	0.286	483.86	0.210
48	6.558		0.0000	0.000	160.8	0.024	BB	0.016	163.86	0.071
49	6.624		0.0000	0.000	2936.1	0.434	BB	0.082	597.89	0.259
50	6.825		0.0000	0.000	1035.7	0.153	BB	0.033	515.39	0.224
51	6.867		0.0000	0.000	484.7	0.072	BB	0.035	230.73	0.100
52	6.968		0.0000	0.000	1428.3	0.211	BB	0.046	513.59	0.223
53	7.016		0.0000	0.000	2195.3	0.325	BB	0.058	628.80	0.273
54	7.266		0.0000	0.000	121.0	0.018	BB	0.018	112.17	0.049
55	7.299		0.0000	0.000	2288.4	0.339	BB	0.031	1247.92	0.541
56	7.449		0.0000	0.000	2935.7	0.434	BB	0.069	708.98	0.308
57	7.482		0.0000	0.000	2480.3	0.367	BB	0.081	509.12	0.221
58	7.600		0.0000	0.000	204.1	0.030	BB	0.020	173.70	0.075
59	7.633		0.0000	0.000	237.1	0.035	BB	0.017	228.83	0.099
60	7.674		0.0000	0.000	304.9	0.045	BB	0.019	262.01	0.114
61	7.828		0.0000	0.000	9932.9	1.469	BB	0.103	1608.89	0.698
62	7.915		0.0000	0.000	9208.7	1.362	BB	0.096	1591.31	0.690

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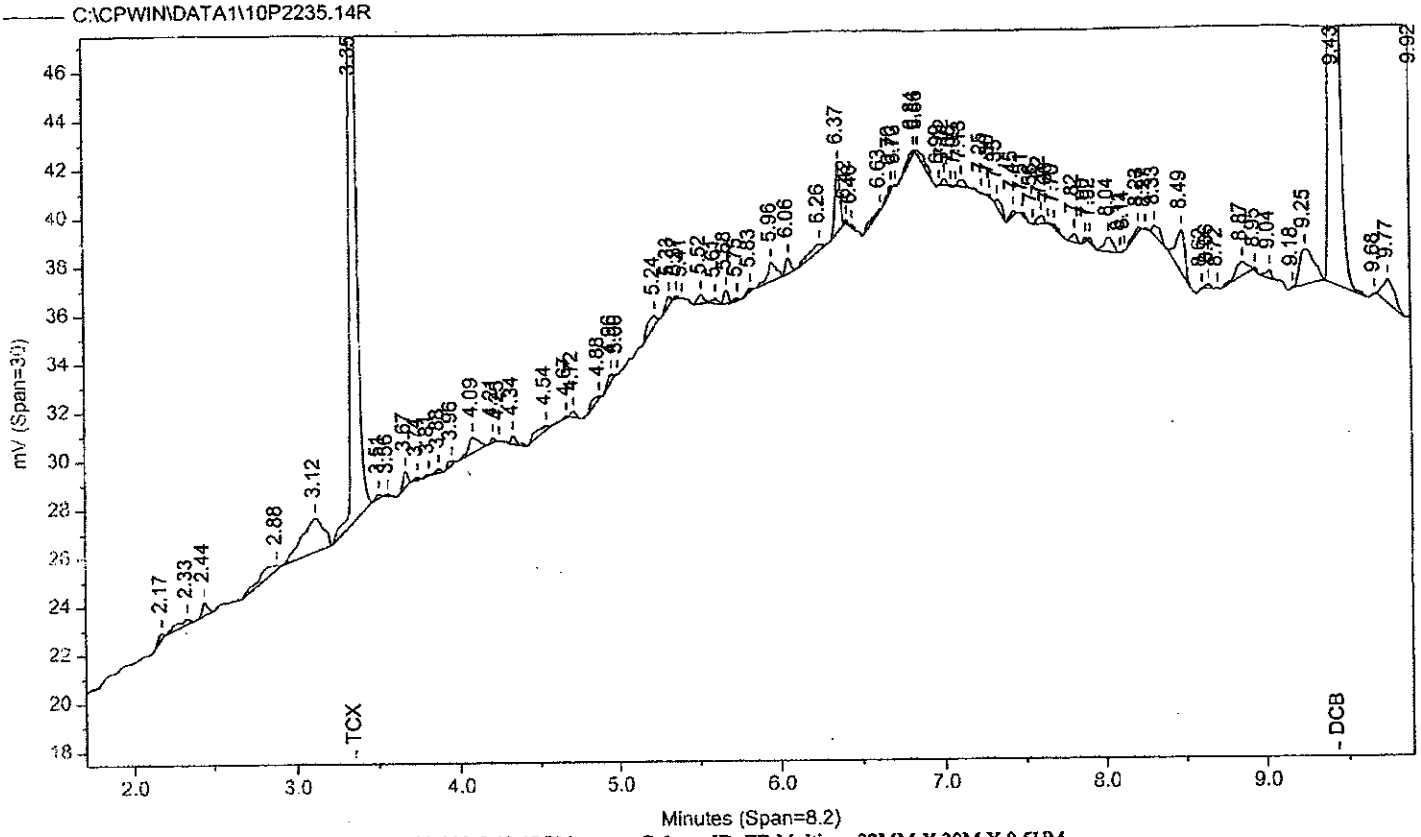
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.150		0.0000	0.000	244.4	0.036	BB	0.020	204.91	0.089
64	8.223	DCB	174.0687	49.520	244289.7	36.136	BB	0.051	80059.09	34.738
65	8.491		0.0000	0.000	775.6	0.115	BB	0.034	380.16	0.165
66	8.566		0.0000	0.000	243.9	0.036	BB	0.018	231.74	0.101
67	8.615		0.0000	0.000	147.0	0.022	BB	0.012	202.31	0.088
68	8.665		0.0000	0.000	265.8	0.039	BB	0.051	86.83	0.038
69	8.684		0.0000	0.000	168.2	0.025	BB	0.020	141.55	0.061
70	8.776		0.0000	0.000	5937.1	0.878	BB	0.078	1262.46	0.548
71	8.921		0.0000	0.000	417.9	0.062	BB	0.021	330.30	0.143
72	8.964		0.0000	0.000	480.5	0.071	BB	0.023	347.81	0.151
73	9.022		0.0000	0.000	277.8	0.041	BB	0.025	186.65	0.081
74	9.090		0.0000	0.000	1441.5	0.213	BB	0.064	372.83	0.162
75	9.182		0.0000	0.000	34.0	0.005	BB	0.013	43.97	0.019
76	9.207		0.0000	0.000	1708.9	0.253	BB	0.062	460.95	0.200
77	9.314		0.0000	0.000	381.6	0.056	BB	0.032	196.92	0.085
78	9.364		0.0000	0.000	33.7	0.005	BB	0.014	40.54	0.018
79	9.382		0.0000	0.000	40.3	0.006	BB	0.008	80.00	0.035
80	9.466		0.0000	0.000	5908.1	0.874	BB	0.127	774.66	0.336
81	9.676		0.0000	0.000	507.8	0.075	BB	0.032	261.16	0.113
82	9.723		0.0000	0.000	5264.2	0.779	BB	0.150	583.18	0.253
83	9.929		0.0000	0.000	37661.1	5.571	BB	0.061	10341.38	4.487

Total Area = 676027.8, Total Amount = 351.515, Total Height = 230463.2, Sample Units = ug/l

6SX84 1221

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.14R

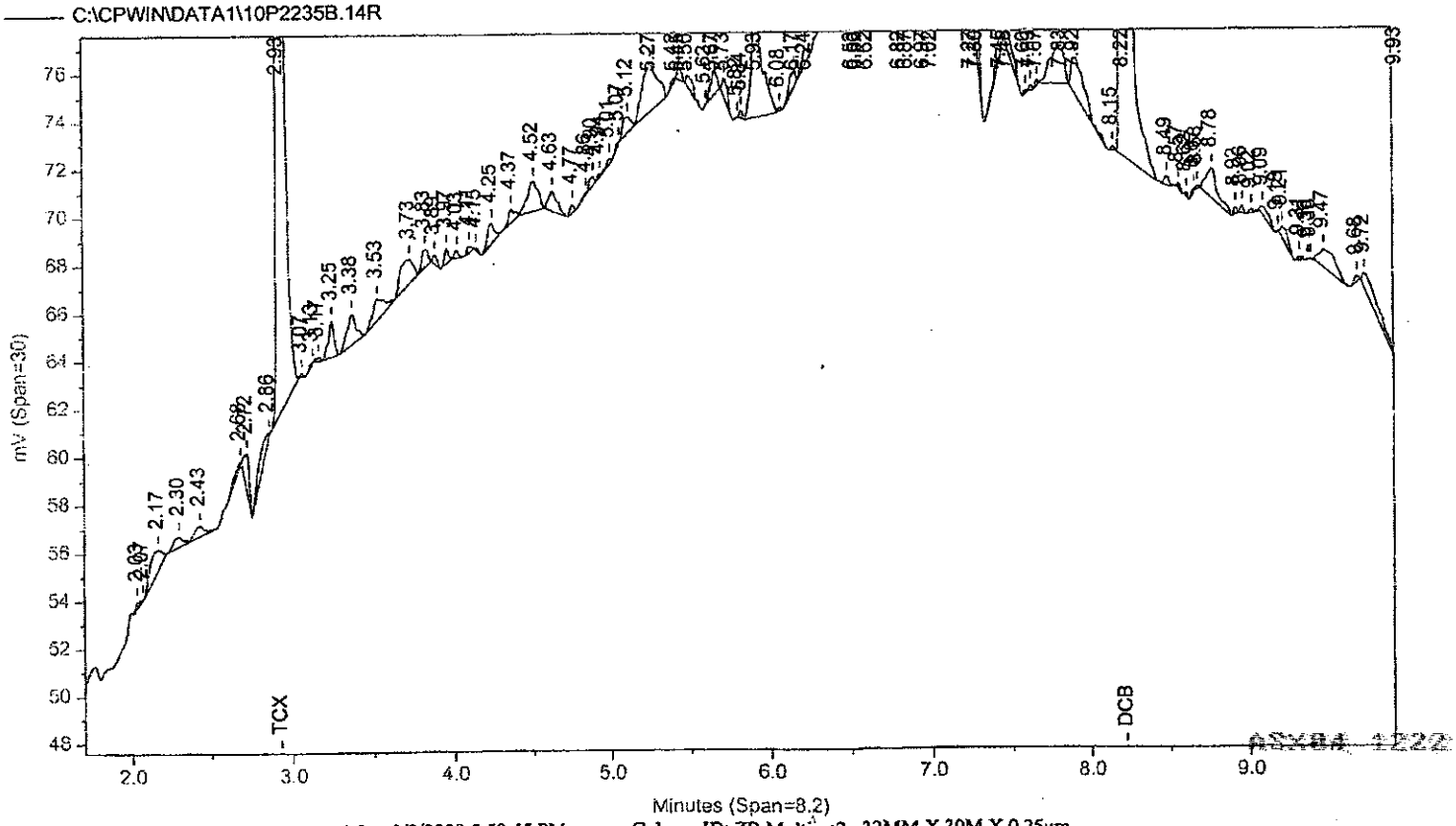
C:\CPWIN\DATA1\10P2235.14R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 5:59:45 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.14R

C:\CPWIN\DATA1\10P2235B.14R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 5:59:45 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01
Calibration Type: External

Width: 0.02

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05
Calibration Type: External

Width: 0.033

Area Reject: 0
Quantiation: Height

Sample Weight: 1000
Analyst: 2280

Dilution Factor: 10

RT A	Height A	Amount A	Compound A
3.355	57748	.1811	TCX
9.431	41813	.18288	DCB

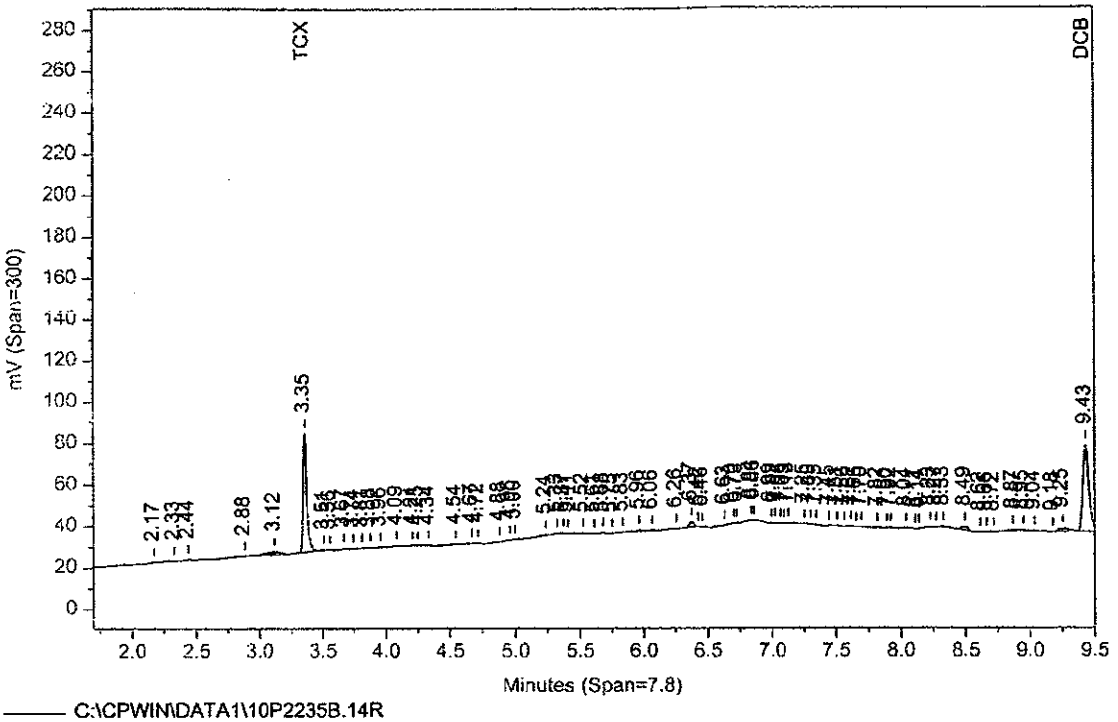
RT B	Height B	Amount B	Compound B
2.928	94531	.17745	TCX
8.223	80059	.17407	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.14A
Area File: C:\CPWIN\DATA1\10P2235B.14A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 6:09:50 PM
File Reported On: 9/8/2008 at 6:09:55 PM

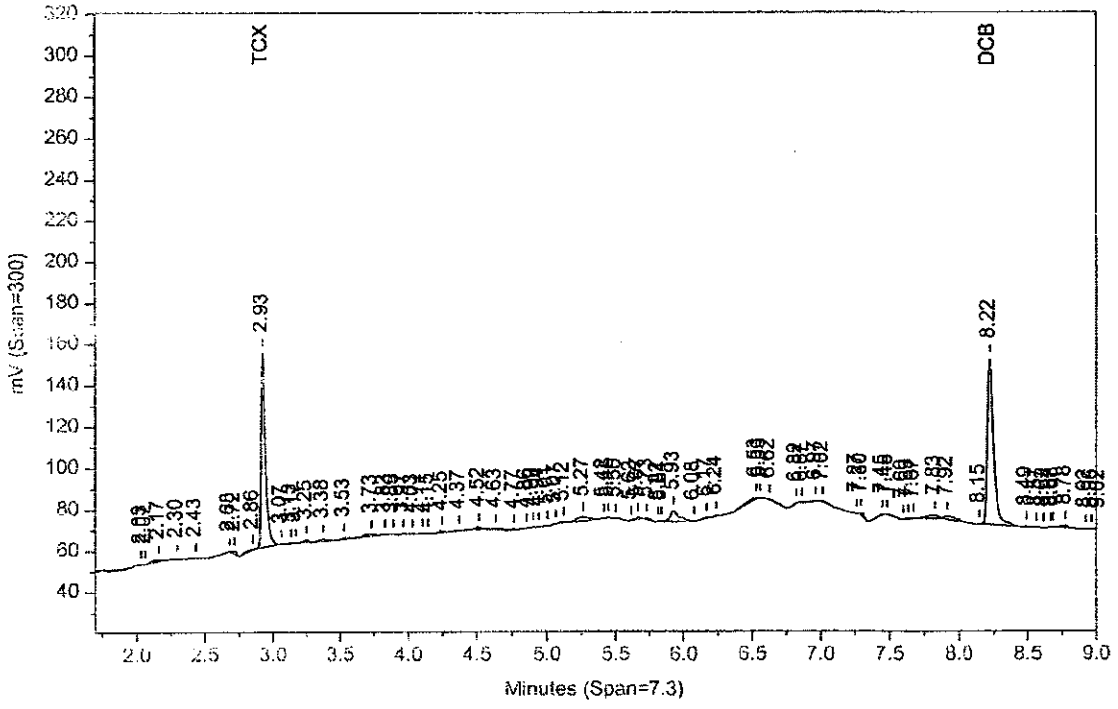
10X REPLOTS

ASX04 1223

C:\CPWIN\DATA1\10P2235.14R



C:\CPWIN\DATA1\10P2235B.14R



ASX04 1224

Sample Name: **AR1630824A FXAR163FX CCAL 0825199999**
Acquired from CP02--H2601A via port 1 on 9/8/08 10:43:30pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.33R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.057		0.0000	0.000	77.3	0.004	BB	0.033	38.54	0.005
2	2.158		0.0000	0.000	1854.6	0.105	BB	0.048	640.13	0.088
3	2.331		0.0000	0.000	4226.3	0.239	BB	0.113	625.53	0.086
4	2.438		0.0000	0.000	23756.6	1.346	BB	0.040	9911.38	1.361
5	2.806		0.0000	0.000	2071.3	0.117	BB	0.084	413.20	0.057
6	2.975		0.0000	0.000	261.3	0.015	BB	0.081	53.68	0.007
7	3.031		0.0000	0.000	376.0	0.021	BB	0.037	170.94	0.023
8	3.117		0.0000	0.000	1628.9	0.092	BB	0.057	480.23	0.066
9	3.181		0.0000	0.000	666.7	0.038	BB	0.030	365.09	0.050
10	3.351	TCX	39.6802	49.169	271260.8	15.371	BB	0.036	126529.10	17.381
11	3.497		0.0000	0.000	26.0	0.001	BB	0.017	24.73	0.003
12	3.591		0.0000	0.000	3529.7	0.200	BB	0.034	1712.70	0.235
13	3.679		0.0000	0.000	6376.5	0.361	BB	0.037	2868.33	0.394
14	3.758		0.0000	0.000	26779.9	1.517	BB	0.037	11938.74	1.640
15	3.871		0.0000	0.000	61.4	0.003	BB	0.013	77.19	0.011
16	3.909		0.0000	0.000	3019.3	0.171	BB	0.036	1380.22	0.190
17	4.107		0.0000	0.000	7595.1	0.430	BB	0.025	5135.88	0.705
18	4.126		0.0000	0.000	3309.8	0.188	BB	0.019	2970.73	0.408
19	4.239		0.0000	0.000	565.0	0.032	BB	0.019	497.19	0.068
20	4.291		0.0000	0.000	32323.6	1.832	BB	0.036	14859.60	2.041
21	4.415		0.0000	0.000	287.6	0.016	BB	0.024	197.50	0.027
22	4.489		0.0000	0.000	11377.2	0.645	BB	0.048	3911.31	0.537
23	4.580		0.0000	0.000	78215.7	4.432	BB	0.038	33990.97	4.669
24	4.642		0.0000	0.000	23371.3	1.324	BB	0.029	13262.78	1.822
25	4.735		0.0000	0.000	24724.6	1.401	BB	0.031	13220.47	1.816
26	4.796		0.0000	0.000	330.0	0.019	BB	0.016	347.88	0.048
27	4.847		0.0000	0.000	9853.3	0.558	BB	0.024	6866.30	0.943
28	4.890		0.0000	0.000	21479.1	1.217	BB	0.049	7290.32	1.001
29	5.038		0.0000	0.000	36063.7	2.043	BB	0.047	12812.71	1.760
30	5.119		0.0000	0.000	1991.4	0.113	BB	0.019	1733.54	0.238
31	5.170		0.0000	0.000	20370.9	1.154	BB	0.031	10874.77	1.494
32	5.228		0.0000	0.000	3087.2	0.175	BB	0.025	2053.58	0.282
33	5.304		0.0000	0.000	623.8	0.035	BB	0.028	369.73	0.051
34	5.362		0.0000	0.000	544.0	0.031	BB	0.023	395.37	0.054
35	5.412		0.0000	0.000	44743.7	2.535	BB	0.062	12059.63	1.657
36	5.580		0.0000	0.000	1151.1	0.065	BB	0.026	744.95	0.102
37	5.643		0.0000	0.000	24795.0	1.405	BB	0.040	10247.90	1.408
38	5.781		0.0000	0.000	87.7	0.005	BB	0.027	54.66	0.008
39	5.841		0.0000	0.000	619.4	0.035	BB	0.033	315.71	0.043
40	5.930		0.0000	0.000	10616.8	0.602	BB	0.039	4540.75	0.624
41	5.994		0.0000	0.000	6155.4	0.349	BB	0.028	3687.55	0.507
42	6.065		0.0000	0.000	38041.8	2.156	BB	0.049	13048.21	1.792
43	6.167		0.0000	0.000	62992.4	3.569	BB	0.039	27026.53	3.712
44	6.287		0.0000	0.000	4940.6	0.280	BB	0.037	2235.60	0.307
45	6.367		0.0000	0.000	9616.4	0.545	BB	0.030	5308.21	0.729
46	6.441		0.0000	0.000	69515.0	3.939	BB	0.037	31694.09	4.354
47	6.495		0.0000	0.000	3182.0	0.180	BB	0.023	2278.00	0.313
48	6.557		0.0000	0.000	25746.7	1.459	BB	0.037	11518.36	1.582
49	6.662		0.0000	0.000	1673.1	0.095	BB	0.024	1169.41	0.161
50	6.708		0.0000	0.000	75586.1	4.283	BB	0.038	33343.82	4.580
51	6.797		0.0000	0.000	32008.3	1.814	BB	0.029	18405.63	2.528
52	6.852		0.0000	0.000	12993.8	0.736	BB	0.027	8088.39	1.111
53	7.015		0.0000	0.000	57992.9	3.286	BB	0.043	22658.75	3.113
54	7.094		0.0000	0.000	14832.2	0.840	BB	0.029	8612.96	1.183
55	7.147		0.0000	0.000	4462.7	0.253	BB	0.025	3002.34	0.412
56	7.206		0.0000	0.000	279.5	0.016	BB	0.018	254.58	0.035
57	7.277		0.0000	0.000	10099.4	0.572	BB	0.034	4916.22	0.675
58	7.363		0.0000	0.000	131749.9	7.465	BB	0.043	51511.91	7.076
59	7.631		0.0000	0.000	207.7	0.012	BB	0.065	52.95	0.007
60	7.698		0.0000	0.000	60615.9	3.435	BB	0.037	27664.09	3.800
61	7.793		0.0000	0.000	17872.2	1.013	BB	0.039	7612.55	1.046
62	8.044		0.0000	0.000	1556.9	0.088	BB	0.040	644.51	0.089

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.208		0.0000	0.000	20226.1	1.146	BB	0.058	5816.00	0.799
64	8.429		0.0000	0.000	27.7	0.002	BB	0.017	27.45	0.004
65	8.548		0.0000	0.000	33451.3	1.895	BB	0.046	12250.41	1.683
66	8.648		0.0000	0.000	759.0	0.043	BB	0.028	450.33	0.062
67	8.730		0.0000	0.000	27.2	0.002	BB	0.017	27.30	0.004
68	8.762		0.0000	0.000	65.5	0.004	BB	0.022	50.79	0.007
69	8.805		0.0000	0.000	372.4	0.021	BB	0.047	131.17	0.018
70	8.879		0.0000	0.000	121.5	0.007	BB	0.029	68.63	0.009
71	9.032		0.0000	0.000	12165.6	0.689	BB	0.051	4010.99	0.551
72	9.206		0.0000	0.000	1731.5	0.098	BB	0.075	383.98	0.053
73	9.421	DCB	41.0210	50.831	315503.5	17.877	BB	0.056	93785.74	12.883
74	9.648		0.0000	0.000	1481.5	0.084	BB	0.143	172.89	0.024
75	9.918		0.0000	0.000	32654.4	1.850	BB	0.054	10096.49	1.387

Total Area = 1764808.0, Total Amount = 80.701, Total Height = 727990.9, Sample Units = ug/l

ASX04 1226

Sample Name: **AR1630824A FXAR163FX CCAL 0825199999**
Acquired from CP02--H2601B via port 2 on 9/8/08 10:43:30pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.33R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.142		0.0000	0.000	737.2	0.025	BB	0.090	135.81	0.011
2	2.175		0.0000	0.000	592.2	0.020	BB	0.036	277.35	0.023
3	2.260		0.0000	0.000	31.6	0.001	BB	0.009	59.88	0.005
4	2.277		0.0000	0.000	23.4	0.001	BB	0.009	45.54	0.004
5	2.294		0.0000	0.000	404.3	0.014	BB	0.039	174.16	0.014
6	2.409		0.0000	0.000	741.1	0.026	BB	0.037	330.54	0.027
7	2.493		0.0000	0.000	1581.5	0.054	BB	0.061	435.05	0.036
8	2.677		0.0000	0.000	2497.3	0.086	BB	0.118	351.35	0.029
9	2.710		0.0000	0.000	2921.9	0.101	BB	0.043	1144.80	0.094
10	2.843		0.0000	0.000	6728.6	0.232	BB	0.124	901.96	0.074
11	2.927	TCX	37.5036	49.663	479331.6	16.500	BB	0.040	199794.10	16.485
12	3.127		0.0000	0.000	800.3	0.028	BB	0.043	306.84	0.025
13	3.176		0.0000	0.000	6272.1	0.216	BB	0.032	3275.11	0.270
14	3.266		0.0000	0.000	11516.1	0.396	BB	0.041	4634.51	0.382
15	3.350		0.0000	0.000	49609.1	1.708	BB	0.040	20645.01	1.703
16	3.524		0.0000	0.000	6486.3	0.223	BB	0.041	2654.20	0.219
17	3.626		0.0000	0.000	94.9	0.003	BB	0.024	66.64	0.005
18	3.682		0.0000	0.000	103311.6	3.556	BB	0.053	32555.39	2.686
19	3.826		0.0000	0.000	835.3	0.029	BB	0.020	686.97	0.057
20	3.865		0.0000	0.000	54164.2	1.864	BB	0.038	23836.85	1.967
21	4.015		0.0000	0.000	21901.5	0.754	BB	0.050	7239.11	0.597
22	4.111		0.0000	0.000	119014.8	4.097	BB	0.036	55250.70	4.559
23	4.168		0.0000	0.000	31417.1	1.081	BB	0.030	17600.16	1.452
24	4.287		0.0000	0.000	36162.2	1.245	BB	0.028	21492.08	1.773
25	4.344		0.0000	0.000	11097.7	0.382	BB	0.022	8359.35	0.690
26	4.378		0.0000	0.000	32329.7	1.113	BB	0.040	13500.04	1.114
27	4.548		0.0000	0.000	46530.3	1.602	BB	0.038	20253.15	1.671
28	4.610		0.0000	0.000	2604.8	0.090	BB	0.018	2381.88	0.197
29	4.688		0.0000	0.000	35661.9	1.228	BB	0.034	17685.35	1.459
30	4.753		0.0000	0.000	6822.9	0.235	BB	0.026	4406.73	0.364
31	4.826		0.0000	0.000	246.8	0.008	BB	0.017	239.25	0.020
32	4.860		0.0000	0.000	2286.8	0.079	BB	0.021	1847.37	0.152
33	4.895		0.0000	0.000	47970.9	1.651	BB	0.040	19761.22	1.630
34	4.992		0.0000	0.000	968.8	0.033	BB	0.017	933.47	0.077
35	5.048		0.0000	0.000	41914.5	1.443	BB	0.044	15704.19	1.296
36	5.261		0.0000	0.000	1020.4	0.035	BB	0.031	552.81	0.046
37	5.294		0.0000	0.000	107.5	0.004	BB	0.013	133.76	0.011
38	5.344		0.0000	0.000	5217.1	0.180	BB	0.025	3540.80	0.292
39	5.454		0.0000	0.000	35539.6	1.223	BB	0.037	16095.46	1.328
40	5.491		0.0000	0.000	4523.5	0.156	BB	0.026	2946.61	0.243
41	5.570		0.0000	0.000	94258.1	3.245	BB	0.038	41217.39	3.401
42	5.667		0.0000	0.000	1089.3	0.037	BB	0.017	1059.67	0.087
43	5.704		0.0000	0.000	11463.7	0.395	BB	0.027	6958.08	0.574
44	5.765		0.0000	0.000	118662.5	4.085	BB	0.039	50320.10	4.152
45	5.908		0.0000	0.000	103952.2	3.578	BB	0.037	46677.77	3.851
46	5.979		0.0000	0.000	2132.8	0.073	BB	0.018	2021.62	0.167
47	6.033		0.0000	0.000	9937.9	0.342	BB	0.023	7232.82	0.597
48	6.083		0.0000	0.000	52472.9	1.806	BB	0.028	31457.12	2.596
49	6.124		0.0000	0.000	28442.9	0.979	BB	0.024	19990.83	1.649
50	6.175		0.0000	0.000	17422.8	0.600	BB	0.025	11636.64	0.960
51	6.309		0.0000	0.000	12133.4	0.418	BB	0.033	6158.61	0.508
52	6.379		0.0000	0.000	90619.4	3.119	BB	0.039	38813.76	3.203
53	6.474		0.0000	0.000	25818.6	0.889	BB	0.027	15684.00	1.294
54	6.519		0.0000	0.000	3893.8	0.134	BB	0.018	3515.85	0.290
55	6.554		0.0000	0.000	3952.1	0.136	BB	0.021	3209.34	0.265
56	6.629		0.0000	0.000	212055.1	7.299	BB	0.041	86857.63	7.167
57	6.828		0.0000	0.000	501.7	0.017	BB	0.034	247.29	0.020
58	6.915		0.0000	0.000	29144.8	1.003	BB	0.028	17508.20	1.445
59	6.975		0.0000	0.000	141740.2	4.879	BB	0.039	60921.25	5.027
60	7.193		0.0000	0.000	1907.3	0.066	BB	0.029	1088.56	0.090
61	7.254		0.0000	0.000	963.6	0.033	BB	0.022	729.99	0.060
62	7.293		0.0000	0.000	2228.4	0.077	BB	0.033	1111.92	0.092

ASX84 1227

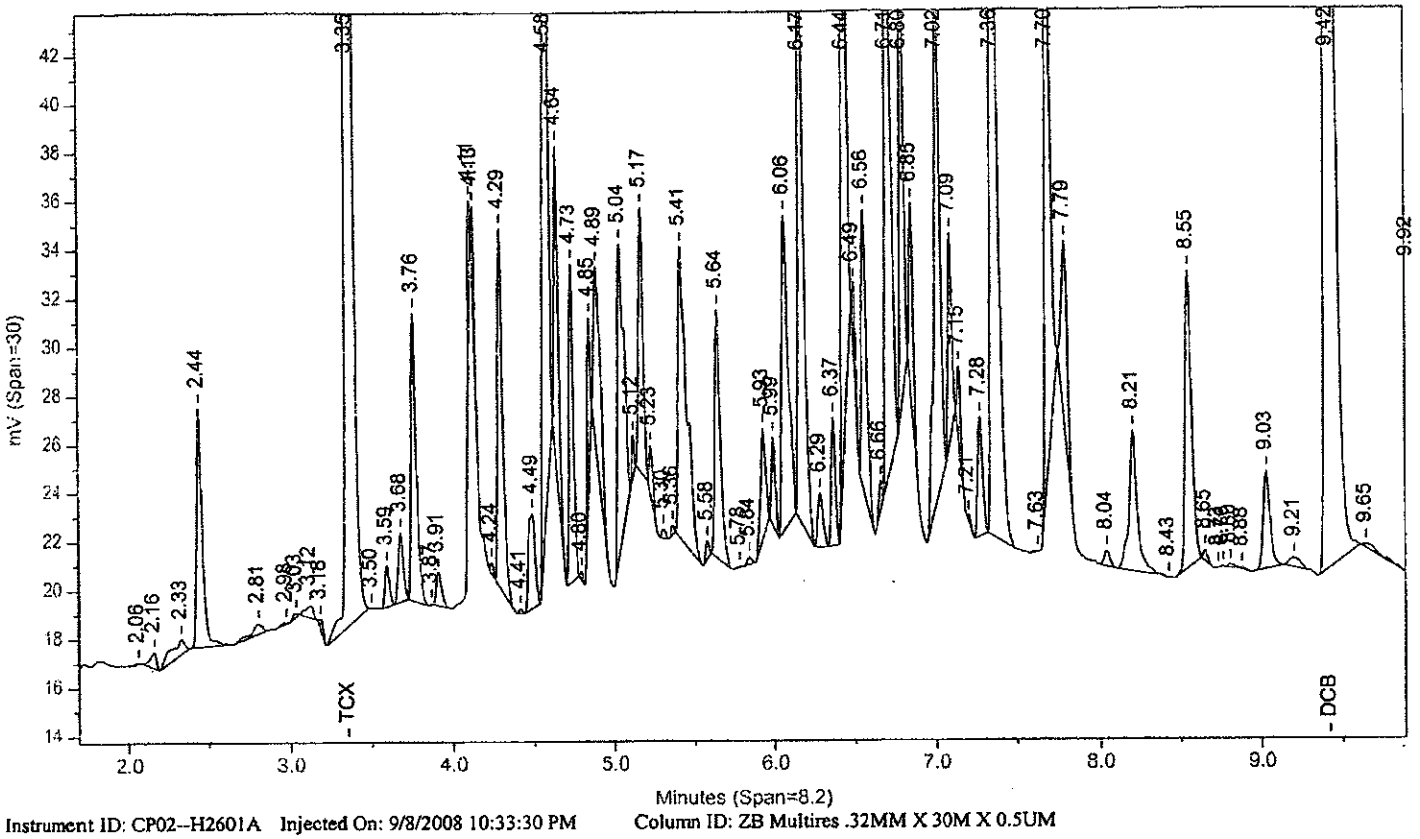
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.371		0.0000	0.000	27599.5	0.950	BB	0.043	10794.78	0.891
64	7.542		0.0000	0.000	71232.4	2.452	BB	0.045	26478.86	2.185
65	7.728		0.0000	0.000	173.3	0.006	BB	0.022	132.14	0.011
66	7.777		0.0000	0.000	164.8	0.006	BB	0.021	127.96	0.011
67	7.896		0.0000	0.000	25215.6	0.868	BB	0.047	9034.72	0.745
68	8.070		0.0000	0.000	742.1	0.026	BB	0.041	303.14	0.025
69	8.218	DCB	38.0126	50.337	550459.7	18.948	BB	0.052	174830.80	14.425
70	8.493		0.0000	0.000	576.9	0.020	BB	0.031	309.40	0.026
71	8.577		0.0000	0.000	1912.6	0.066	BB	0.057	560.71	0.046
72	8.677		0.0000	0.000	441.6	0.015	BB	0.051	143.11	0.012
73	8.777		0.0000	0.000	63.6	0.002	BB	0.026	40.01	0.003
74	8.810		0.0000	0.000	257.7	0.009	BB	0.038	113.41	0.009
75	8.885		0.0000	0.000	216.2	0.007	BB	0.037	96.74	0.008
76	8.976		0.0000	0.000	163.6	0.006	BB	0.026	102.88	0.008
77	9.196		0.0000	0.000	3422.0	0.118	BB	0.082	693.79	0.057
78	9.394		0.0000	0.000	532.9	0.018	BB	0.052	169.66	0.014
79	9.509		0.0000	0.000	583.2	0.020	BB	0.035	279.50	0.023
80	9.575		0.0000	0.000	340.9	0.012	BB	0.050	113.99	0.009
81	9.693		0.0000	0.000	6801.3	0.234	BB	0.355	319.68	0.026
82	9.927		0.0000	0.000	37398.3	1.287	BB	0.058	10683.78	0.882

Total Area = 2905111.0, Total Amount = 75.516, Total Height = 1211983.0, Sample Units = ug/l

0SX04 1228

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.33R

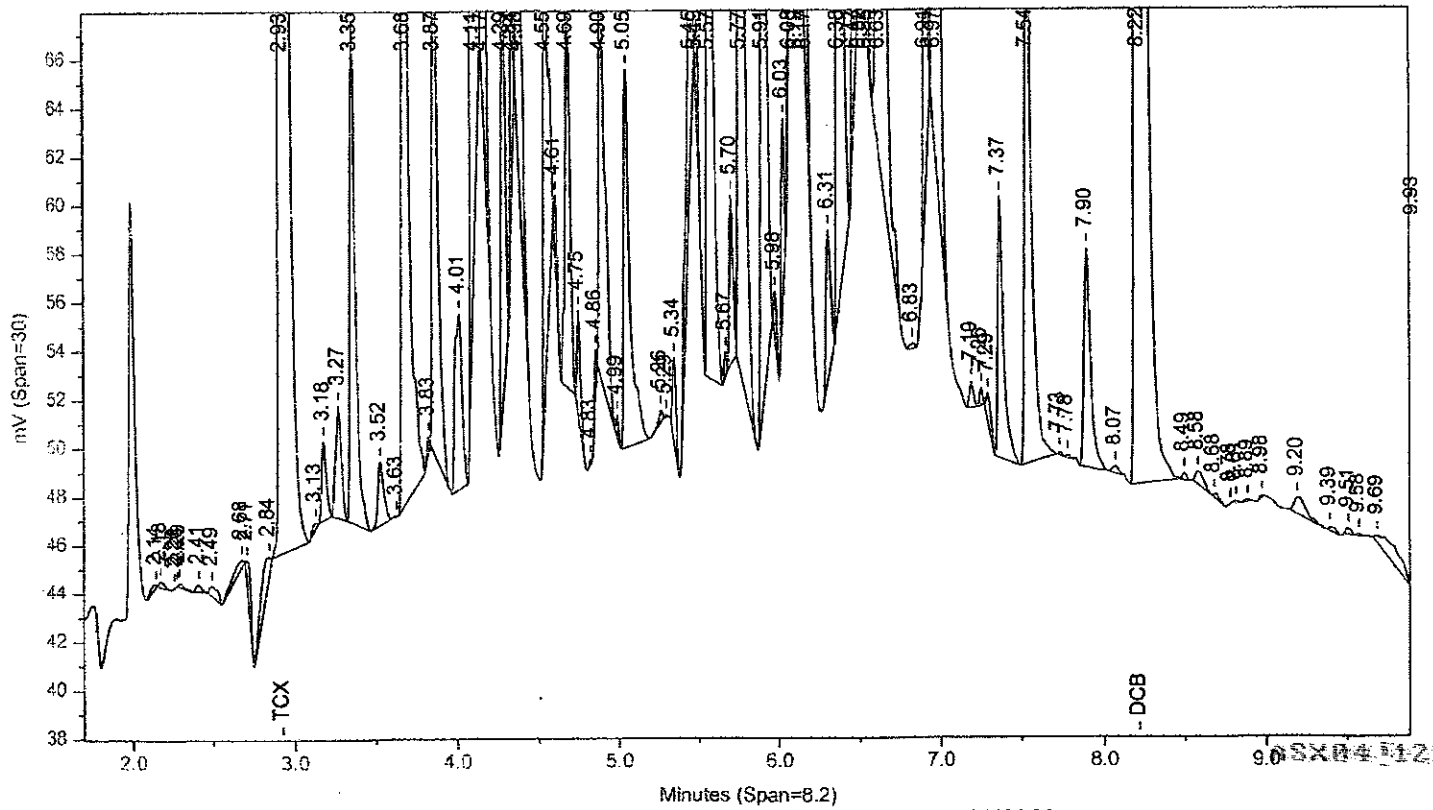
C:\CPWIN\DATA1\10P2235.33R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 10:33:30 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.33R

C:\CPWIN\DATA1\10P2235B.33R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 10:33:30 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1
Analyst: 2280

Dilution Factor: 1

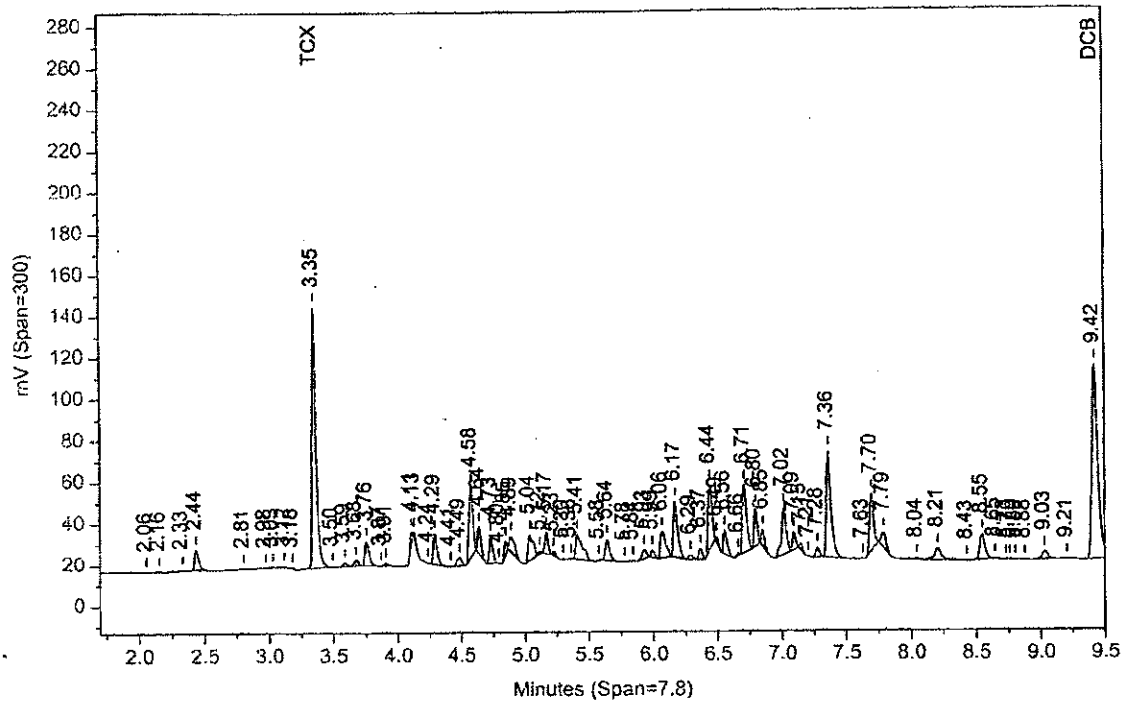
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	126529	39.68019	TCX	2.927	199794	37.50364	TCX
9.421	93786	41.02101	DCB	8.218	174831	38.01263	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.33A
Area File: C:\CPWIN\DATA1\10P2235B.33A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 10:43:34 PM
File Reported On: 9/8/2008 at 10:43:40 PM

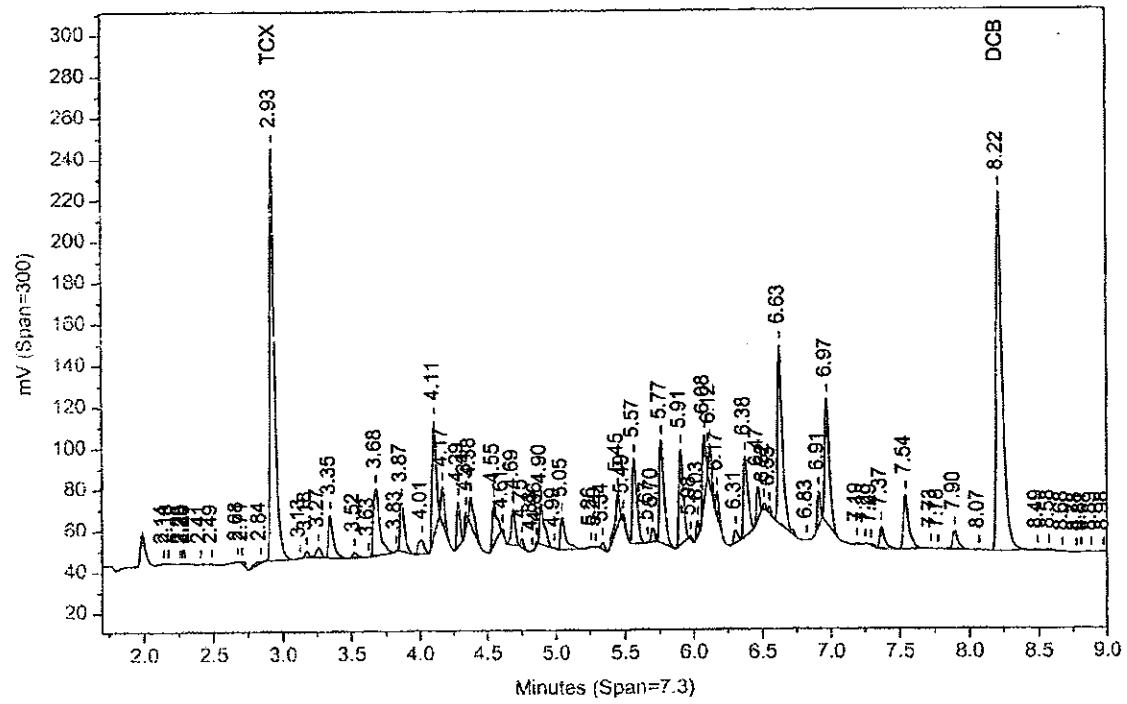
10X REPLOTS

ASX84 1238

C:\CPWIN\DATA1\10P2235.33R



C:\CPWIN\DATA1\10P2235B.33R



Sample Name: **IBLKX0824C MXPIBLKMX PIBLK0825199999**
Acquired from CP02--H2601A via port 1 on 9/8/08 10:57:56pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.34R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.168		0.0000	0.000	239.9	0.067	BB	0.038	105.95	0.086
2	2.250		0.0000	0.000	309.8	0.086	BB	0.048	107.01	0.086
3	2.336		0.0000	0.000	353.1	0.098	BB	0.038	154.80	0.125
4	2.439		0.0000	0.000	1841.2	0.512	BB	0.038	800.46	0.646
5	2.550		0.0000	0.000	634.1	0.176	BB	0.071	148.53	0.120
6	2.744		0.0000	0.000	482.2	0.134	BB	0.098	82.25	0.066
7	2.884		0.0000	0.000	479.2	0.133	BB	0.152	52.66	0.043
8	2.961		0.0000	0.000	119.9	0.033	BB	0.048	41.69	0.034
9	3.106		0.0000	0.000	6281.1	1.747	BB	0.156	672.74	0.543
10	3.354 TCX		183.4085	49.537	121636.9	33.837	BB	0.035	58483.86	47.207
11	3.576		0.0000	0.000	126.7	0.035	BB	0.047	44.62	0.036
12	3.668		0.0000	0.000	1503.9	0.418	BB	0.038	654.70	0.528
13	3.873		0.0000	0.000	272.4	0.076	BB	0.052	87.98	0.071
14	3.944		0.0000	0.000	204.0	0.057	BB	0.046	74.48	0.060
15	4.084		0.0000	0.000	1334.2	0.371	BB	0.089	249.59	0.201
16	4.198		0.0000	0.000	49.6	0.014	BB	0.037	22.12	0.018
17	4.249		0.0000	0.000	594.7	0.165	BB	0.070	141.97	0.115
18	4.381		0.0000	0.000	54.1	0.015	BB	0.019	47.68	0.038
19	4.459		0.0000	0.000	273.0	0.076	BB	0.047	97.67	0.079
20	4.527		0.0000	0.000	33.5	0.009	BB	0.017	32.90	0.027
21	4.606		0.0000	0.000	258.7	0.072	BB	0.058	74.48	0.060
22	4.676		0.0000	0.000	76.2	0.021	BB	0.035	36.45	0.029
23	4.738		0.0000	0.000	337.9	0.094	BB	0.048	116.14	0.094
24	5.321		0.0000	0.000	5020.0	1.396	BB	0.376	222.39	0.180
25	5.373		0.0000	0.000	534.6	0.149	BB	0.051	174.92	0.141
26	5.595		0.0000	0.000	591.4	0.165	BB	0.045	219.29	0.177
27	5.677		0.0000	0.000	166.1	0.046	BB	0.037	74.22	0.060
28	5.840		0.0000	0.000	513.1	0.143	BB	0.089	96.36	0.078
29	5.963		0.0000	0.000	1348.6	0.375	BB	0.073	307.30	0.248
30	6.056		0.0000	0.000	524.9	0.146	BB	0.044	200.83	0.162
31	6.191		0.0000	0.000	120.0	0.033	BB	0.030	67.72	0.055
32	6.218		0.0000	0.000	103.2	0.029	BB	0.025	70.17	0.057
33	6.263		0.0000	0.000	17.7	0.005	BB	0.012	23.64	0.019
34	6.307		0.0000	0.000	80.5	0.022	BB	0.029	45.67	0.037
35	6.370		0.0000	0.000	4307.8	1.198	BB	0.037	1924.93	1.554
36	6.428		0.0000	0.000	382.5	0.106	BB	0.085	74.88	0.060
37	6.577		0.0000	0.000	155.6	0.043	BB	0.034	75.32	0.061
38	6.614		0.0000	0.000	146.6	0.041	BB	0.032	76.83	0.062
39	6.779		0.0000	0.000	2372.8	0.660	BB	0.093	423.70	0.342
40	6.930		0.0000	0.000	973.6	0.271	BB	0.070	233.41	0.188
41	7.011		0.0000	0.000	68.6	0.019	BB	0.024	46.73	0.038
42	7.047		0.0000	0.000	100.4	0.028	BB	0.023	73.14	0.059
43	7.109		0.0000	0.000	572.8	0.159	BB	0.051	186.63	0.151
44	7.212		0.0000	0.000	180.2	0.050	BB	0.043	70.48	0.057
45	7.256		0.0000	0.000	473.8	0.132	BB	0.044	179.08	0.145
46	7.371		0.0000	0.000	378.1	0.105	BB	0.040	159.18	0.128
47	7.441		0.0000	0.000	152.0	0.042	BB	0.035	71.69	0.058
48	7.522		0.0000	0.000	76.5	0.021	BB	0.016	79.36	0.064
49	7.550		0.0000	0.000	337.4	0.094	BB	0.065	86.85	0.070
50	7.712		0.0000	0.000	428.0	0.119	BB	0.043	166.53	0.134
51	7.817		0.0000	0.000	620.4	0.173	BB	0.044	232.64	0.188
52	7.895		0.0000	0.000	941.4	0.262	BB	0.059	264.78	0.214
53	8.042		0.0000	0.000	172.9	0.048	BB	0.041	69.87	0.056
54	8.203		0.0000	0.000	11198.1	3.115	BB	0.169	1105.24	0.892
55	8.444		0.0000	0.000	83.2	0.023	BB	0.029	48.55	0.039
56	8.524		0.0000	0.000	770.2	0.214	BB	0.046	279.06	0.225
57	8.582		0.0000	0.000	90.9	0.025	BB	0.022	70.21	0.057
58	8.649		0.0000	0.000	38.6	0.011	BB	0.019	33.72	0.027
59	8.717		0.0000	0.000	65.8	0.018	BB	0.026	42.72	0.034
60	8.767		0.0000	0.000	446.4	0.124	BB	0.044	170.19	0.137
61	8.843		0.0000	0.000	170.3	0.047	BB	0.027	106.10	0.086
62	8.954		0.0000	0.000	675.1	0.188	BB	0.056	200.94	0.162

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.043		0.0000	0.000	833.8	0.232	BB	0.041	341.23	0.275
64	9.109		0.0000	0.000	70.3	0.020	BB	0.019	61.22	0.049
65	9.256		0.0000	0.000	1793.6	0.499	BB	0.064	470.47	0.380
66	9.438	DCB	186.8368	50.463	150833.4	41.959	BB	0.059	42716.21	34.480
67	9.670		0.0000	0.000	15.8	0.004	BB	0.014	19.43	0.016
68	9.743		0.0000	0.000	197.5	0.055	BB	0.050	66.39	0.054
69	9.784		0.0000	0.000	108.5	0.030	BB	0.038	47.17	0.038
70	9.891		0.0000	0.000	47.3	0.013	BB	0.039	20.41	0.016
71	9.919		0.0000	0.000	32680.5	9.091	BB	0.056	9759.43	7.878

Total Area = 359476.6, Total Amount = 370.245, Total Height = 123888.0, Sample Units = ug/l

Sample Name: **IBLKX0824C MXPIBLKMX PIBLK0825199999**
Acquired from CP02--H2601B via port 2 on 9/8/08 10:57:56pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.34R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.029		0.0000	0.000	117.3	0.016	BB	0.014	135.50	0.059
2	2.154		0.0000	0.000	582.4	0.082	BB	0.199	48.77	0.021
3	2.180		0.0000	0.000	483.9	0.068	BB	0.052	154.91	0.068
4	2.287		0.0000	0.000	539.5	0.076	BB	0.045	200.18	0.087
5	2.404		0.0000	0.000	466.7	0.065	BB	0.040	192.90	0.084
6	2.496		0.0000	0.000	48.8	0.007	BB	0.013	63.61	0.028
7	2.579		0.0000	0.000	362.2	0.051	BB	0.037	164.58	0.072
8	2.714		0.0000	0.000	8966.6	1.256	BB	0.082	1820.65	0.794
9	2.925	TCX	185.6478	48.770	236158.9	33.082	BB	0.040	98900.64	43.140
10	3.130		0.0000	0.000	835.0	0.117	BB	0.058	241.27	0.105
11	3.248		0.0000	0.000	2193.7	0.307	BB	0.031	1166.02	0.509
12	3.387		0.0000	0.000	219.7	0.031	BB	0.032	113.62	0.050
13	3.421		0.0000	0.000	281.0	0.039	BB	0.030	154.07	0.067
14	3.513		0.0000	0.000	96.4	0.014	BB	0.079	20.26	0.009
15	3.587		0.0000	0.000	1259.9	0.176	BB	0.067	314.19	0.137
16	3.711		0.0000	0.000	1668.5	0.234	BB	0.078	354.75	0.155
17	3.837		0.0000	0.000	1198.5	0.168	BB	0.048	419.47	0.183
18	3.897		0.0000	0.000	331.8	0.046	BB	0.034	163.13	0.071
19	3.970		0.0000	0.000	526.6	0.074	BB	0.032	275.53	0.120
20	4.021		0.0000	0.000	386.4	0.054	BB	0.027	237.29	0.104
21	4.070		0.0000	0.000	95.9	0.013	BB	0.024	67.85	0.030
22	4.112		0.0000	0.000	356.6	0.050	BB	0.035	170.50	0.074
23	4.246		0.0000	0.000	490.4	0.069	BB	0.042	193.42	0.084
24	4.279		0.0000	0.000	110.4	0.015	BB	0.016	116.72	0.051
25	4.320		0.0000	0.000	20.9	0.003	BB	0.009	37.64	0.016
26	4.447		0.0000	0.000	556.5	0.078	BB	0.280	33.12	0.014
27	4.486		0.0000	0.000	1368.7	0.192	BB	0.069	331.03	0.144
28	4.597		0.0000	0.000	284.5	0.040	BB	0.021	228.22	0.100
29	4.670		0.0000	0.000	935.1	0.131	BB	0.051	302.98	0.132
30	4.762		0.0000	0.000	616.9	0.086	BB	0.039	262.01	0.114
31	4.911		0.0000	0.000	1866.2	0.261	BB	0.075	416.96	0.182
32	4.980		0.0000	0.000	42.7	0.006	BB	0.014	49.63	0.022
33	5.004		0.0000	0.000	160.3	0.022	BB	0.018	149.47	0.065
34	5.097		0.0000	0.000	130.9	0.018	BB	0.026	83.98	0.037
35	5.114		0.0000	0.000	90.9	0.013	BB	0.017	89.58	0.039
36	5.262		0.0000	0.000	733.2	0.103	BB	0.131	93.05	0.041
37	5.279		0.0000	0.000	194.2	0.027	BB	0.028	114.70	0.050
38	5.347		0.0000	0.000	426.1	0.060	BB	0.021	341.48	0.149
39	5.429		0.0000	0.000	6172.2	0.865	BB	0.118	871.61	0.380
40	5.664		0.0000	0.000	1868.0	0.262	BB	0.051	608.31	0.265
41	5.729		0.0000	0.000	750.7	0.105	BB	0.031	397.33	0.173
42	5.923		0.0000	0.000	11338.7	1.588	BB	0.057	3326.94	1.451
43	6.062		0.0000	0.000	326.0	0.046	BB	0.030	178.21	0.078
44	6.113		0.0000	0.000	122.9	0.017	BB	0.017	117.81	0.051
45	6.187		0.0000	0.000	274.2	0.038	BB	0.034	136.30	0.059
46	6.245		0.0000	0.000	235.6	0.033	BB	0.034	116.42	0.051
47	6.297		0.0000	0.000	97.3	0.014	BB	0.019	83.57	0.036
48	6.570		0.0000	0.000	89326.5	12.513	BB	0.234	6373.98	2.780
49	6.807		0.0000	0.000	1513.7	0.212	BB	0.047	539.19	0.235
50	6.945		0.0000	0.000	3588.7	0.503	BB	0.074	805.27	0.351
51	7.014		0.0000	0.000	2296.5	0.322	BB	0.091	418.93	0.183
52	7.214		0.0000	0.000	79.3	0.011	BB	0.015	88.34	0.039
53	7.246		0.0000	0.000	3069.7	0.430	BB	0.117	436.95	0.191
54	7.431		0.0000	0.000	2118.2	0.297	BB	0.047	743.72	0.324
55	7.546		0.0000	0.000	789.3	0.111	BB	0.043	308.46	0.135
56	7.697		0.0000	0.000	811.8	0.114	BB	0.034	397.73	0.173
57	7.753		0.0000	0.000	1018.5	0.143	BB	0.097	174.99	0.076
58	7.912		0.0000	0.000	5343.5	0.749	BB	0.069	1292.20	0.564
59	8.047		0.0000	0.000	27.7	0.004	BB	0.012	39.67	0.017
60	8.062		0.0000	0.000	73.4	0.010	BB	0.016	76.17	0.033
61	8.097		0.0000	0.000	251.8	0.035	BB	0.032	129.64	0.057
62	8.225	DCB	195.0156	51.230	264868.2	37.104	BB	0.049	89693.15	39.124

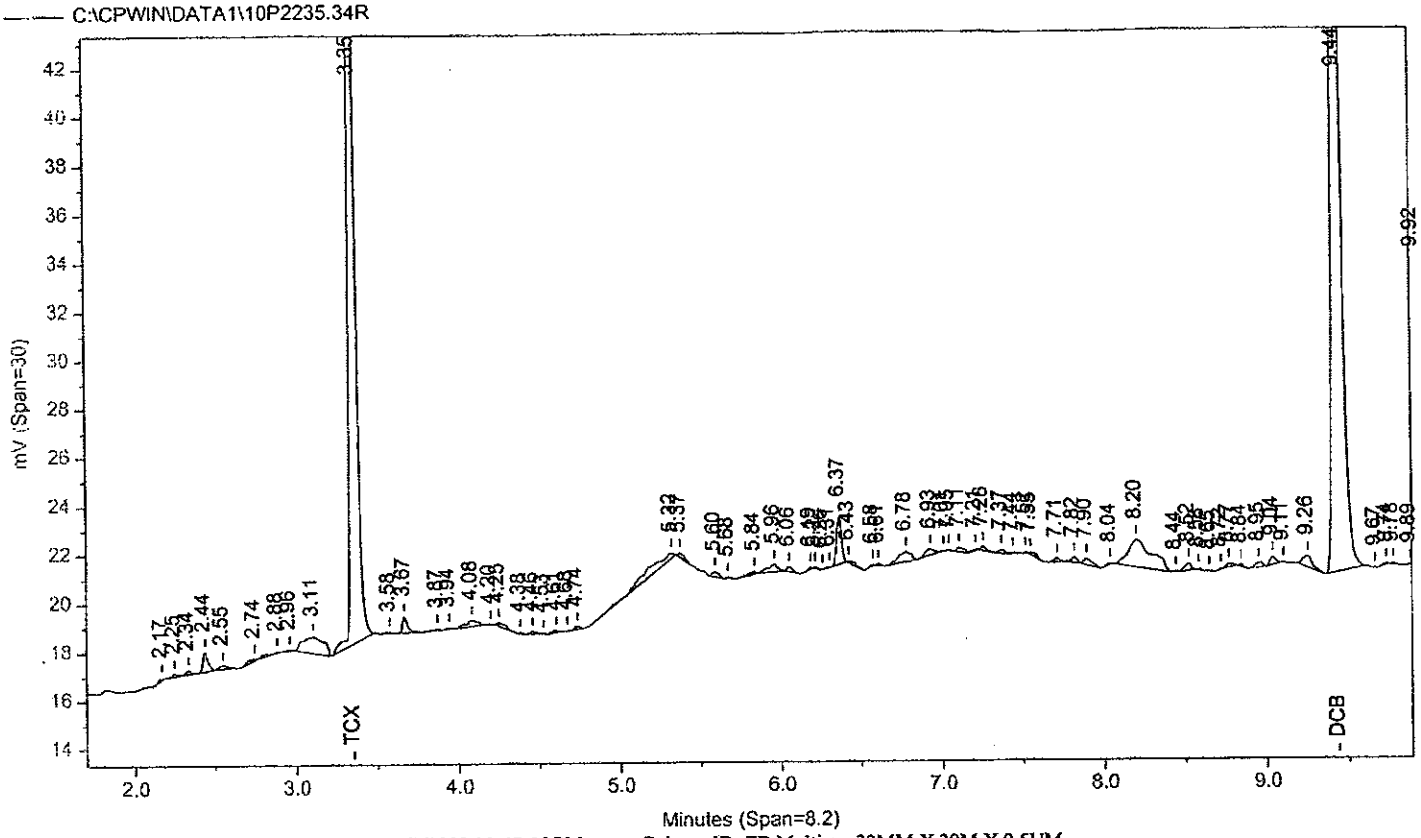
ASX84 1234

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.447		0.0000	0.000	197.4	0.028	BB	0.032	103.81	0.045
64	8.495		0.0000	0.000	1463.7	0.205	BB	0.043	570.26	0.249
65	8.596		0.0000	0.000	192.3	0.027	BB	0.026	121.11	0.053
66	8.663		0.0000	0.000	1442.2	0.202	BB	0.325	74.02	0.032
67	8.947		0.0000	0.000	2270.0	0.318	BB	0.072	527.85	0.230
68	9.046		0.0000	0.000	106.8	0.015	BB	0.012	142.42	0.062
69	9.097		0.0000	0.000	198.9	0.028	BB	0.019	177.75	0.078
70	9.147		0.0000	0.000	119.6	0.017	BB	0.018	111.54	0.049
71	9.197		0.0000	0.000	368.2	0.052	BB	0.029	215.23	0.094
72	9.264		0.0000	0.000	338.8	0.047	BB	0.041	136.73	0.060
73	9.363		0.0000	0.000	25.2	0.004	BB	0.008	50.11	0.022
74	9.379		0.0000	0.000	29.2	0.004	BB	0.010	51.09	0.022
75	9.429		0.0000	0.000	544.1	0.076	BB	0.050	183.12	0.080
76	9.514		0.0000	0.000	580.1	0.081	BB	0.034	284.18	0.124
77	9.563		0.0000	0.000	742.7	0.104	BB	0.085	144.82	0.063
78	9.697		0.0000	0.000	6455.0	0.904	BB	0.221	486.36	0.212
79	9.929		0.0000	0.000	37208.7	5.212	BB	0.060	10297.09	4.492

Total Area = 713850.1, Total Amount = 380.663, Total Height = 229256.1, Sample Units = ug/l

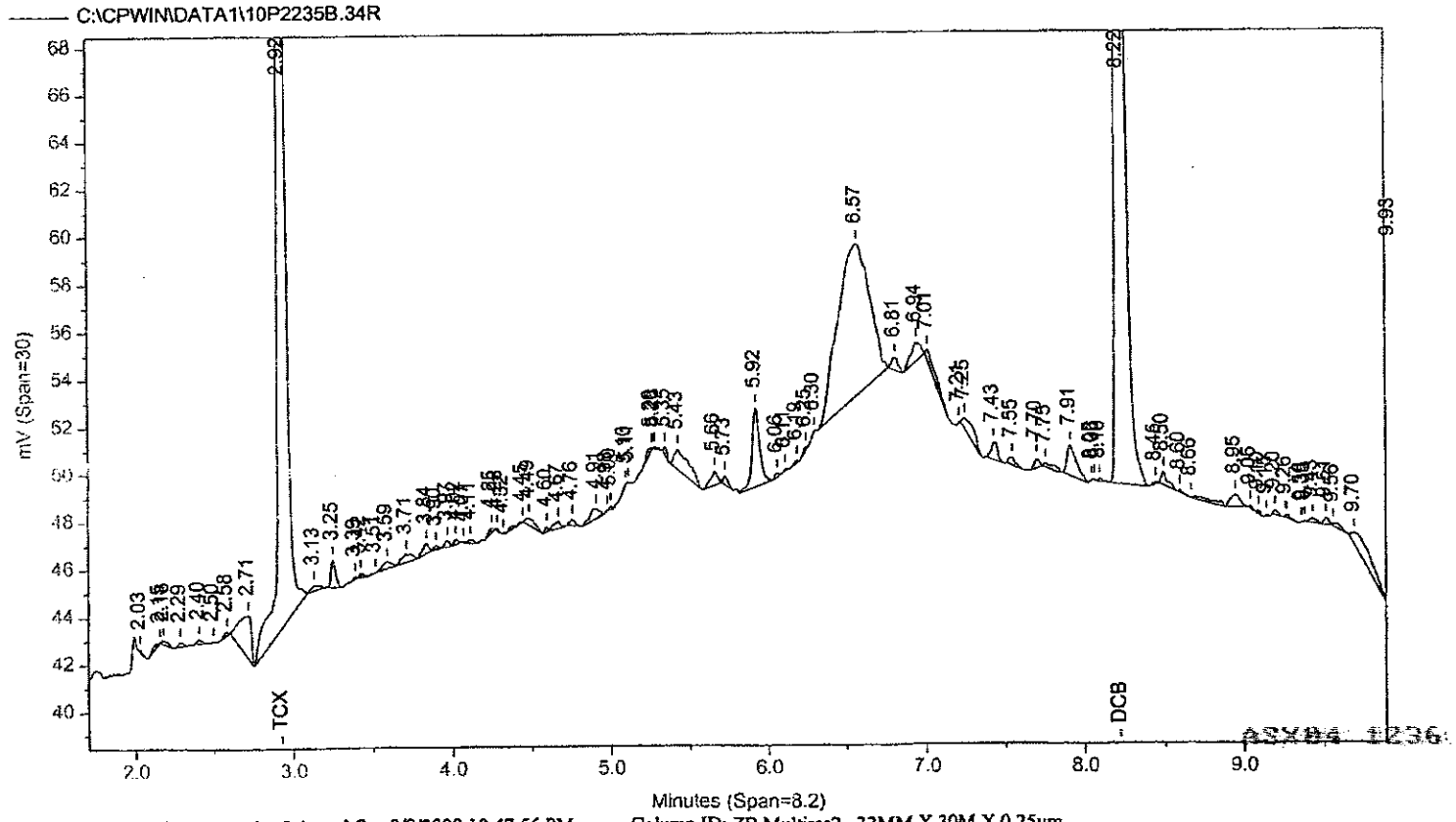
ASX84 1235

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\10P2235.34R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 10:47:56 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.34R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 10:47:56 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 1000
Analyst: 2280

Dilution Factor: 10

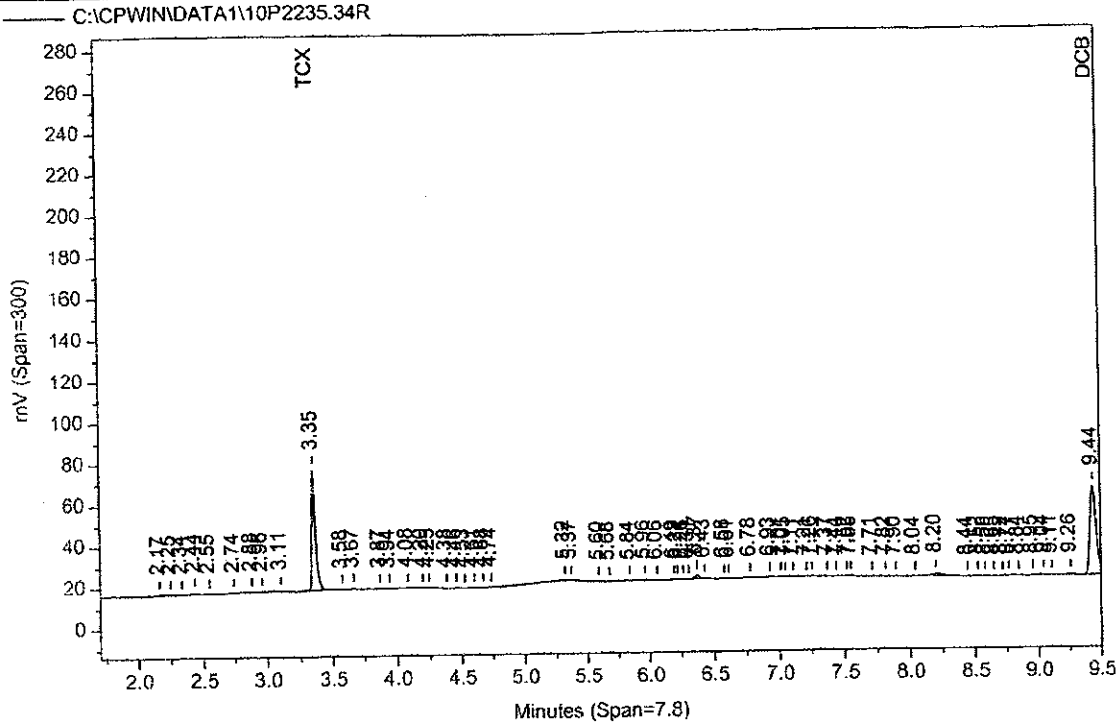
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	58484	.18341	TCX	2.925	98901	.18565	TCX
9.438	42716	.18684	DCB	8.225	89693	.19502	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.34A
Area File: C:\CPWIN\DATA1\10P2235B.34A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 10:58:00 PM
File Reported On: 9/8/2008 at 10:58:06 PM

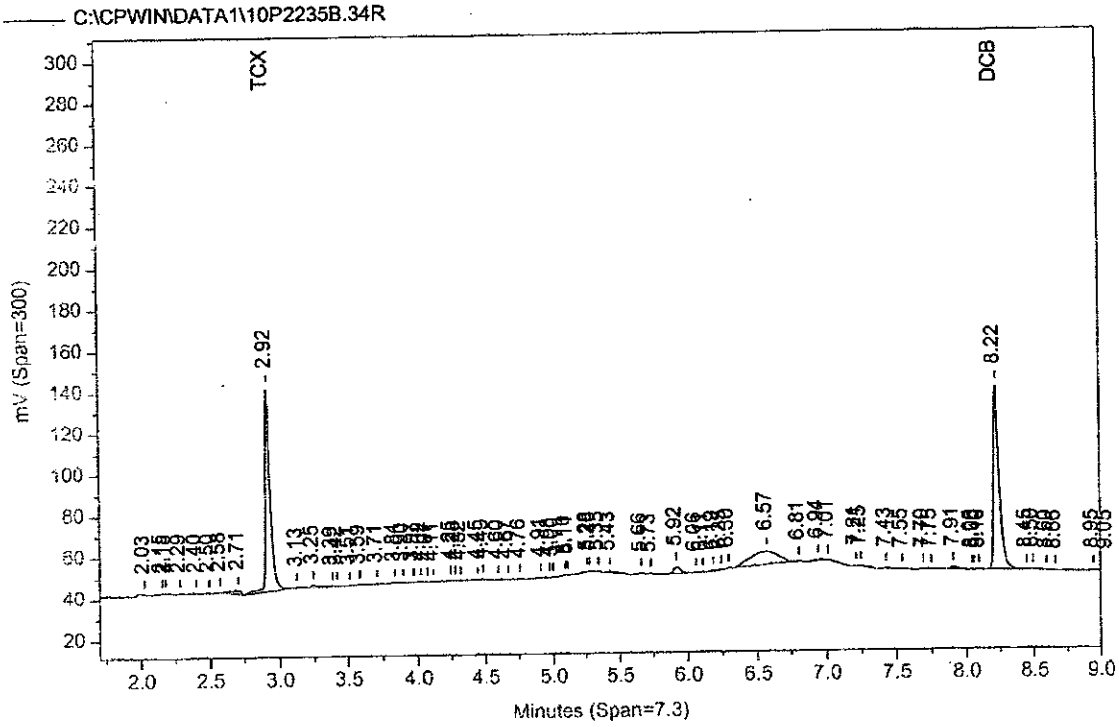
10X REPLOTS

ASX84 1237

C:\CPWIN\DATA1\10P2235.34R



C:\CPWIN\DATA1\10P2235B.34R



ASX84 1238

Raw QC Data

ASX84 1239

Multiple Component Data Summary

Sample Name: BLANKA 9/4/08ACF PBLK25 BLK Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2131 SDG: State:
Analyses: 01216

Analysis Report (A)

Injected on	Sep 05, 2008 19:23:05
Instrument	H2601A
Result file	9P2235.23R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX)	98.6%	Conc:	9.83202
%SSR(DCB)	104.0%	Conc:	10.41272

Analysis Report (B)

Injected on	Sep 05, 2008 19:23:05
Instrument	H2601B
Result file	9P2235B.23R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX)	98.2%	Conc:	9.795325
%SSR(DCB)	99.4%	Conc:	9.956639

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17	<3.3			4	15	
Aroclor-1221			<17	<5.2			3	5	
Aroclor-1232			<17	<3.3			4	10	
Aroclor-1242			<17	<3.3			4	30	
Aroclor-1248			<17	<3.3			4	30	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260			<17	<3.3			4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Brillhart Date: 9-8-08

Verified By: [signature] Date: 9.8.08

ASX04[illegible]1248

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: BLANKA 9/4/08ACF PBLK25 Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 19:23:05
Instrument : CP02--H2601A
Result file : 9P2235.23R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 98.6% Conc.: 9.83202
%SSR(DCB) : 104% Conc.: 10.412724

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	67.29	
3.73	3.76	3.79	45.120865	0.222633			1
4.71	4.73	4.77	143.588348	0.626772			4
Height Summation:			**188.709213**				
Amount Avg CF:			**0.424703**	Linear:			
Aroclor-1221					2	138.02	
3.65	3.67	3.71	1084.120972	12.892389			2
3.72	3.76	3.78	45.120865	0.156833			3
Height Summation:			**1129.241837**				
Amount Avg CF:			**6.524611**	Linear:			
Aroclor-1232					2	106.55	
3.72	3.76	3.78	45.120865	0.189711			1
4.70	4.73	4.76	143.588348	1.349198			4
Height Summation:			**188.709213**				
Amount Avg CF:			**0.769455**	Linear:			
Aroclor-1242					2	70.85	
3.73	3.76	3.79	45.120865	0.266365			1
4.71	4.73	4.77	143.588348	0.801252			4
Height Summation:			**188.709213**				
Amount Avg CF:			**0.533809**	Linear:			
Aroclor-1248					1		
6.26	6.26	6.32	73.618401	0.634554			6
Height Summation:			**73.618401**				
Amount Avg CF:			**0.634554**	Linear:			
Aroclor-1254					2	92.92	
6.52	6.56	6.58	191.344635	0.679624			5
6.68	6.71	6.74	65.224907	0.140668			6
Height Summation:			**256.569542**				
Amount Avg CF:			**0.410146**	Linear:			
Aroclor-1260					3	96.96	
6.14	6.17	6.20	49.295849	0.114854			2
6.68	6.71	6.74	65.224907	0.119799			4
6.77	6.80	6.83	170.378677	0.564864			5
Height Summation:			**284.899433**				
Amount Avg CF:			**0.266506**	Linear:			
Aroclor-1262					3	50.23	
6.13	6.17	6.19	49.295849	0.125897			2
6.67	6.71	6.73	65.224907	0.168014			4
6.76	6.80	6.82	170.378677	0.321712			5
Height Summation:			**284.899433**				
Amount Avg CF:			**0.205208**	Linear:			
Aroclor-1268					4	124.63	
6.76	6.80	6.82	170.378677	0.720022			1
7.00	7.05	7.06	19.454981	0.067784			2
7.66	7.70	7.72	126.648056	0.112923			3
8.01	8.05	8.07	96.446587	0.104235			4
Height Summation:			**412.928301**				
Amount Avg CF:			**0.251241**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 19:23:05
Instrument : CP02--H2601B
Result file : 9P2235B.23R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 98.2% Conc.: 9.795325
%SSR(DCB) : 99.4% Conc.: 9.956639

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	108.23	
3.32	3.34	3.38	171.448578	0.455378			1
3.84	3.89	3.90	1989.789429	4.672987			3
4.66	4.67	4.72	363.100403	1.143512			6
Height Summation:			**2524.338410**				
Amount Avg CF:			**2.090626**	Linear:			
Aroclor-1221					2	135.01	
3.23	3.25	3.29	2129.777588	14.13491			2
3.32	3.34	3.38	171.448578	0.327918			3
Height Summation:			**2301.226166**				
Amount Avg CF:			**7.231414**	Linear:			
Aroclor-1232					3	118.82	
3.32	3.34	3.38	171.448578	0.39569			1
3.83	3.89	3.89	1989.789429	9.526905			3
4.65	4.67	4.71	363.100403	2.259141			6
Height Summation:			**2524.338410**				
Amount Avg CF:			**4.060579**	Linear:			
Aroclor-1242					3	105.36	
3.32	3.34	3.38	171.448578	0.545112			1
3.84	3.89	3.90	1989.789429	5.76525			3
4.66	4.67	4.72	363.100403	1.566979			6
Height Summation:			**2524.338410**				
Amount Avg CF:			**2.62578**	Linear:			
Aroclor-1248					2	49.18	
4.66	4.67	4.72	363.100403	1.032536			4
5.07	5.10	5.13	122.201141	0.499703			6
Height Summation:			**485.301544**				
Amount Avg CF:			**0.76612**	Linear:			
Aroclor-1254					3	147.15	
5.24	5.26	5.30	1303.086792	4.580751			1
5.64	5.67	5.70	155.120224	0.237191			4
6.05	6.11	6.11	211.158096	0.273441			6
Height Summation:			**1669.365112**				
Amount Avg CF:			**1.697128**	Linear:			
Aroclor-1260					2	54.19	
6.06	6.11	6.12	211.158096	0.37372			4
+7.51	7.52	7.57	30.629557	0.066427			6
7.51	7.54	7.57	76.846832	0.166661			6
Height Summation:			**288.004928**				
Amount Avg CF:			**0.270191**	Linear:			
Aroclor-1262					3	116.71	
6.05	6.11	6.11	211.158096	0.686075			1
7.34	7.38	7.40	156.098923	0.541729			5
7.86	7.90	7.92	1441.929199	4.412433			6
Height Summation:			**1809.186218**				
Amount Avg CF:			**1.880079**	Linear:			

Lmr

ASX84 1241

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 07:53:48

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 9/4/08ACF PBLK25 Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 19:23:05
Instrument : CP02--H2601A
Result file : 9P2235.23R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Analysis Report (B)

Injected on : SEP 05, 2008 19:23:05
Instrument : CP02--H2601B
Result file : 9P2235B.23R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					**4**	**86.09**	
6.10	6.11	6.16	211.158096	0.518541			1
+ 6.94	6.95	7.00	80.762321	0.047671			4
6.94	6.97	7.00	269.713043	0.159203			4
7.16	7.20	7.22	231.924072	0.134824			5
+ 7.51	7.52	7.57	30.629557	0.038678			6
7.51	7.54	7.57	76.846832	0.09704			6

Height Summation: **789.642043**
Amount Avg CF: **0.227402** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.3		** 132.46	4	15	
Aroclor-1221			17	3.3		10.28	3	5	
			17	5.2					
Aroclor-1232			17	3.3		** 136.28	4	10	
Aroclor-1242			17	3.3		** 132.42	4	30	
Aroclor-1248			17	3.3		18.79	4	30	
Aroclor-1254			17	3.3		** 122.15	4	40	
Aroclor-1260			17	3.3		1.37	4	40	
Aroclor-1262			17	3.3		** 160.64	4	40	
Aroclor-1268			17	3.3		9.96	4	40	

Units: _____

ASX84 1242

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/6/08 07:53:48

Sample Name: **BLANKA 9/4/08ACF ABPBLK25 BLK 082470004A 00042**
Acquired from CP02--H2601A via port 1 on 9/5/08 07:33:05pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.23R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.026		0.0000	0.000	603.6	0.103	BB	0.042	238.35	0.116
2	2.208		0.0000	0.000	44247.4	7.524	BB	0.036	20726.33	10.060
3	2.328		0.0000	0.000	666.8	0.113	BB	0.041	270.41	0.131
4	2.438		0.0000	0.000	936.2	0.159	BB	0.032	482.39	0.234
5	2.550		0.0000	0.000	7001.4	1.191	BB	0.032	3688.33	1.790
6	2.643		0.0000	0.000	1063.3	0.181	BB	0.064	276.38	0.134
7	2.806		0.0000	0.000	381.3	0.065	BB	0.062	102.00	0.050
8	2.927		0.0000	0.000	300.6	0.051	BB	0.034	149.18	0.072
9	3.013		0.0000	0.000	126.1	0.021	BB	0.035	60.64	0.029
10	3.059		0.0000	0.000	1234.4	0.210	BB	0.035	592.35	0.288
11	3.151		0.0000	0.000	44.4	0.008	BB	0.019	39.57	0.019
12	3.189		0.0000	0.000	62.2	0.011	BB	0.023	45.64	0.022
13	3.237		0.0000	0.000	38.3	0.007	BB	0.017	37.41	0.018
14	3.266		0.0000	0.000	311.1	0.053	BB	0.024	214.30	0.104
15	3.352	TCX	294.9606	48.566	191192.7	32.513	BB	0.034	94054.73	45.652
16	3.667		0.0000	0.000	2297.3	0.391	BB	0.035	1084.12	0.526
17	3.759		0.0000	0.000	77.2	0.013	BB	0.029	45.12	0.022
18	3.843		0.0000	0.000	39.2	0.007	BB	0.019	34.10	0.017
19	3.877		0.0000	0.000	227.2	0.039	BB	0.026	144.55	0.070
20	4.216		0.0000	0.000	45.8	0.008	BB	0.019	40.57	0.020
21	4.376		0.0000	0.000	54.0	0.009	BB	0.015	60.59	0.029
22	4.418		0.0000	0.000	1420.5	0.242	BB	0.028	830.94	0.403
23	4.526		0.0000	0.000	1974.1	0.336	BB	0.037	883.21	0.429
24	4.687		0.0000	0.000	58.3	0.010	BB	0.025	38.34	0.019
25	4.731		0.0000	0.000	288.0	0.049	BB	0.033	143.59	0.070
26	5.276		0.0000	0.000	38458.7	6.540	BB	0.418	1534.89	0.745
27	5.580		0.0000	0.000	468.6	0.080	BB	0.075	103.98	0.050
28	5.741		0.0000	0.000	19.8	0.003	BB	0.019	17.82	0.009
29	5.779		0.0000	0.000	208.9	0.036	BB	0.041	84.70	0.041
30	5.899		0.0000	0.000	95.7	0.016	BB	0.030	53.13	0.026
31	5.953		0.0000	0.000	379.6	0.065	BB	0.034	184.35	0.089
32	6.170		0.0000	0.000	66.4	0.011	BB	0.022	49.30	0.024
33	6.259		0.0000	0.000	125.9	0.021	BB	0.029	73.62	0.036
34	6.366		0.0000	0.000	6316.8	1.074	BB	0.050	2113.12	1.026
35	6.560		0.0000	0.000	637.3	0.108	BB	0.056	191.34	0.093
36	6.708		0.0000	0.000	79.0	0.013	BB	0.020	65.22	0.032
37	6.798		0.0000	0.000	575.6	0.098	BB	0.056	170.38	0.083
38	6.919		0.0000	0.000	131.7	0.022	BB	0.039	55.61	0.027
39	7.054		0.0000	0.000	53.3	0.009	BB	0.046	19.45	0.009
40	7.135		0.0000	0.000	396.5	0.067	BB	0.045	145.89	0.071
41	7.233		0.0000	0.000	46.1	0.008	BB	0.040	19.12	0.009
42	7.330		0.0000	0.000	58.7	0.010	BB	0.024	41.34	0.020
43	7.360		0.0000	0.000	57.3	0.010	BB	0.021	45.92	0.022
44	7.434		0.0000	0.000	55.8	0.009	BB	0.030	30.63	0.015
45	7.479		0.0000	0.000	35.1	0.006	BB	0.022	26.19	0.013
46	7.702		0.0000	0.000	1980.3	0.337	BB	0.261	126.65	0.061
47	8.051		0.0000	0.000	223.0	0.038	BB	0.039	96.45	0.047
48	8.239		0.0000	0.000	1231.7	0.209	BB	0.129	159.18	0.077
49	8.349		0.0000	0.000	333.9	0.057	BB	0.074	75.62	0.037
50	8.752		0.0000	0.000	4600.0	0.782	BB	0.176	435.64	0.211
51	8.931		0.0000	0.000	100.4	0.017	BB	0.037	45.77	0.022
52	9.037		0.0000	0.000	1822.5	0.310	BB	0.050	609.34	0.296
53	9.180		0.0000	0.000	2118.2	0.360	BB	0.118	298.73	0.145
54	9.428	DCB	312.3817	51.434	240590.2	40.913	BB	0.056	71419.38	34.665
55	9.826		0.0000	0.000	89.7	0.015	BB	0.046	32.50	0.016
56	9.969		0.0000	0.000	32003.3	5.442	BB	0.156	3418.41	1.659

Total Area = 588051.5, Total Amount = 607.342, Total Height = 206026.8, Sample Units = ug/l

Sample Name: **BLANKA 9/4/08ACF ABPBLK25 BLK 082470004A 00042**
Acquired from CP02--H2601B via port 2 on 9/5/08 07:33:05pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.23R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.091		0.0000	0.000	4208.4	0.425	BB	0.074	949.10	0.279
2	2.234		0.0000	0.000	14492.6	1.462	BB	0.031	7836.61	2.302
3	2.318		0.0000	0.000	980.9	0.099	BB	0.035	470.76	0.138
4	2.483		0.0000	0.000	98.5	0.010	BB	0.017	96.56	0.028
5	2.533		0.0000	0.000	377.0	0.038	BB	0.049	127.48	0.037
6	2.601		0.0000	0.000	521.6	0.053	BB	0.022	404.18	0.119
7	2.659		0.0000	0.000	2431.3	0.245	BB	0.040	1024.18	0.301
8	2.817		0.0000	0.000	59.1	0.006	BB	0.016	61.58	0.018
9	2.845		0.0000	0.000	233.8	0.024	BB	0.020	197.53	0.058
10	2.884		0.0000	0.000	262.5	0.026	BB	0.018	245.22	0.072
11	2.925	TCX	293.8598	49.592	347746.5	35.090	BB	0.037	156548.70	45.994
12	3.099		0.0000	0.000	1063.3	0.107	BB	0.036	489.67	0.144
13	3.248		0.0000	0.000	3893.4	0.393	BB	0.030	2129.78	0.626
14	3.344		0.0000	0.000	507.8	0.051	BB	0.049	171.45	0.050
15	3.426		0.0000	0.000	509.4	0.051	BB	0.030	280.60	0.082
16	3.533		0.0000	0.000	151.1	0.015	BB	0.023	109.41	0.032
17	3.583		0.0000	0.000	651.7	0.066	BB	0.055	197.37	0.058
18	3.733		0.0000	0.000	588.7	0.059	BB	0.030	322.77	0.095
19	3.800		0.0000	0.000	998.3	0.101	BB	0.041	401.64	0.118
20	3.886		0.0000	0.000	3403.5	0.343	BB	0.029	1989.79	0.585
21	3.965		0.0000	0.000	300.5	0.030	BB	0.021	234.75	0.069
22	4.008		0.0000	0.000	3772.2	0.381	BB	0.035	1796.10	0.528
23	4.234		0.0000	0.000	804.9	0.081	BB	0.040	335.16	0.098
24	4.317		0.0000	0.000	356.8	0.036	BB	0.033	178.34	0.052
25	4.500		0.0000	0.000	2108.8	0.213	BB	0.134	262.21	0.077
26	4.667		0.0000	0.000	1845.2	0.186	BB	0.085	363.10	0.107
27	4.817		0.0000	0.000	1293.0	0.130	BB	0.070	306.43	0.090
28	5.099		0.0000	0.000	507.2	0.051	BB	0.069	122.20	0.036
29	5.258		0.0000	0.000	10148.3	1.024	BB	0.130	1303.09	0.383
30	5.400		0.0000	0.000	3297.1	0.333	BB	0.141	389.14	0.114
31	5.666		0.0000	0.000	898.7	0.091	BB	0.097	155.12	0.046
32	5.920		0.0000	0.000	10484.5	1.058	BB	0.051	3398.03	0.998
33	6.024		0.0000	0.000	406.0	0.041	BB	0.031	220.58	0.065
34	6.107		0.0000	0.000	727.6	0.073	BB	0.057	211.16	0.062
35	6.266		0.0000	0.000	168.3	0.017	BB	0.058	48.50	0.014
36	6.577		0.0000	0.000	94689.1	9.555	BB	0.238	6629.92	1.948
37	6.834		0.0000	0.000	132.7	0.013	BB	0.019	115.57	0.034
38	6.949		0.0000	0.000	372.6	0.038	BB	0.077	80.76	0.024
39	6.967		0.0000	0.000	2557.4	0.258	BB	0.158	269.71	0.079
40	7.200		0.0000	0.000	677.7	0.068	BB	0.049	231.92	0.068
41	7.299		0.0000	0.000	695.2	0.070	BB	0.035	330.28	0.097
42	7.384		0.0000	0.000	227.8	0.023	BB	0.024	156.10	0.046
43	7.517		0.0000	0.000	80.1	0.008	BB	0.044	30.63	0.009
44	7.545		0.0000	0.000	110.1	0.011	BB	0.024	76.85	0.023
45	7.650		0.0000	0.000	183.4	0.019	BB	0.069	44.08	0.013
46	7.733		0.0000	0.000	1326.5	0.134	BB	0.085	259.72	0.076
47	7.899		0.0000	0.000	4026.0	0.406	BB	0.047	1441.93	0.424
48	8.049		0.0000	0.000	41.0	0.004	BB	0.028	24.68	0.007
49	8.219	DCB	298.6992	50.408	412534.9	41.628	BB	0.050	137380.10	40.362
50	8.467		0.0000	0.000	69.1	0.007	BB	0.029	40.41	0.012
51	8.500		0.0000	0.000	83.1	0.008	BB	0.020	70.54	0.021
52	8.577		0.0000	0.000	691.1	0.070	BB	0.062	185.01	0.054
53	8.715		0.0000	0.000	52.1	0.005	BB	0.018	47.72	0.014
54	8.816		0.0000	0.000	301.0	0.030	BB	0.056	88.79	0.026
55	8.959		0.0000	0.000	413.7	0.042	BB	0.107	64.42	0.019
56	9.031		0.0000	0.000	4761.5	0.480	BB	0.246	322.94	0.095
57	9.533		0.0000	0.000	36.4	0.004	BB	0.014	42.76	0.013
58	9.599		0.0000	0.000	14.6	0.001	BB	0.008	32.17	0.009
59	9.665		0.0000	0.000	109.6	0.011	BB	0.046	39.64	0.012
60	9.715		0.0000	0.000	9148.9	0.923	BB	0.241	631.67	0.186
61	9.942		0.0000	0.000	37369.1	3.771	BB	0.075	8352.17	2.454

ASX04. 1244

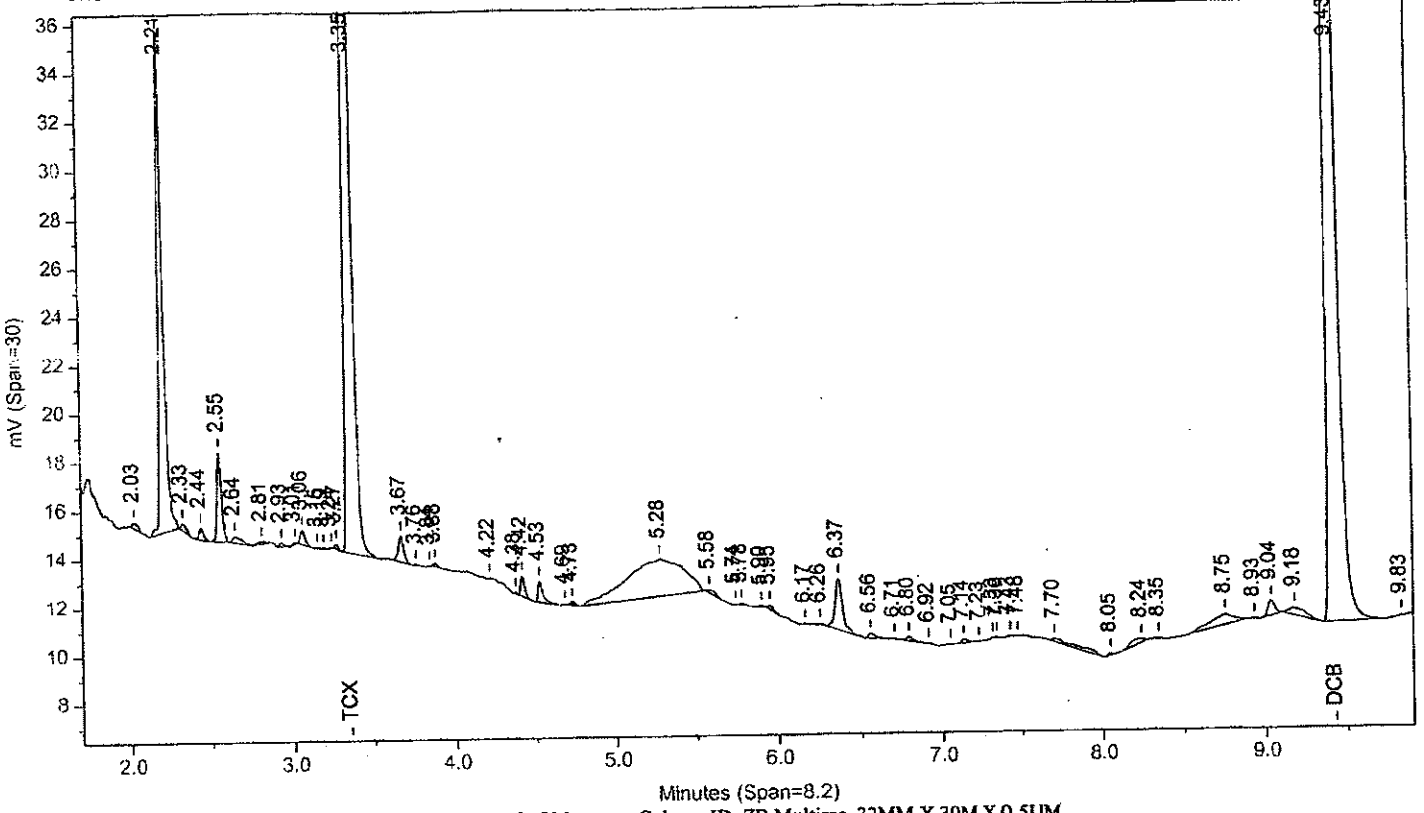
Total Area = 991003.3, Total Amount = 592.559, Total Height = 340368.8, Sample Units = ug/l

ASX84 1245

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.23R

C:\CPWIN\DATA1\9P2235.23R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 7:23:05 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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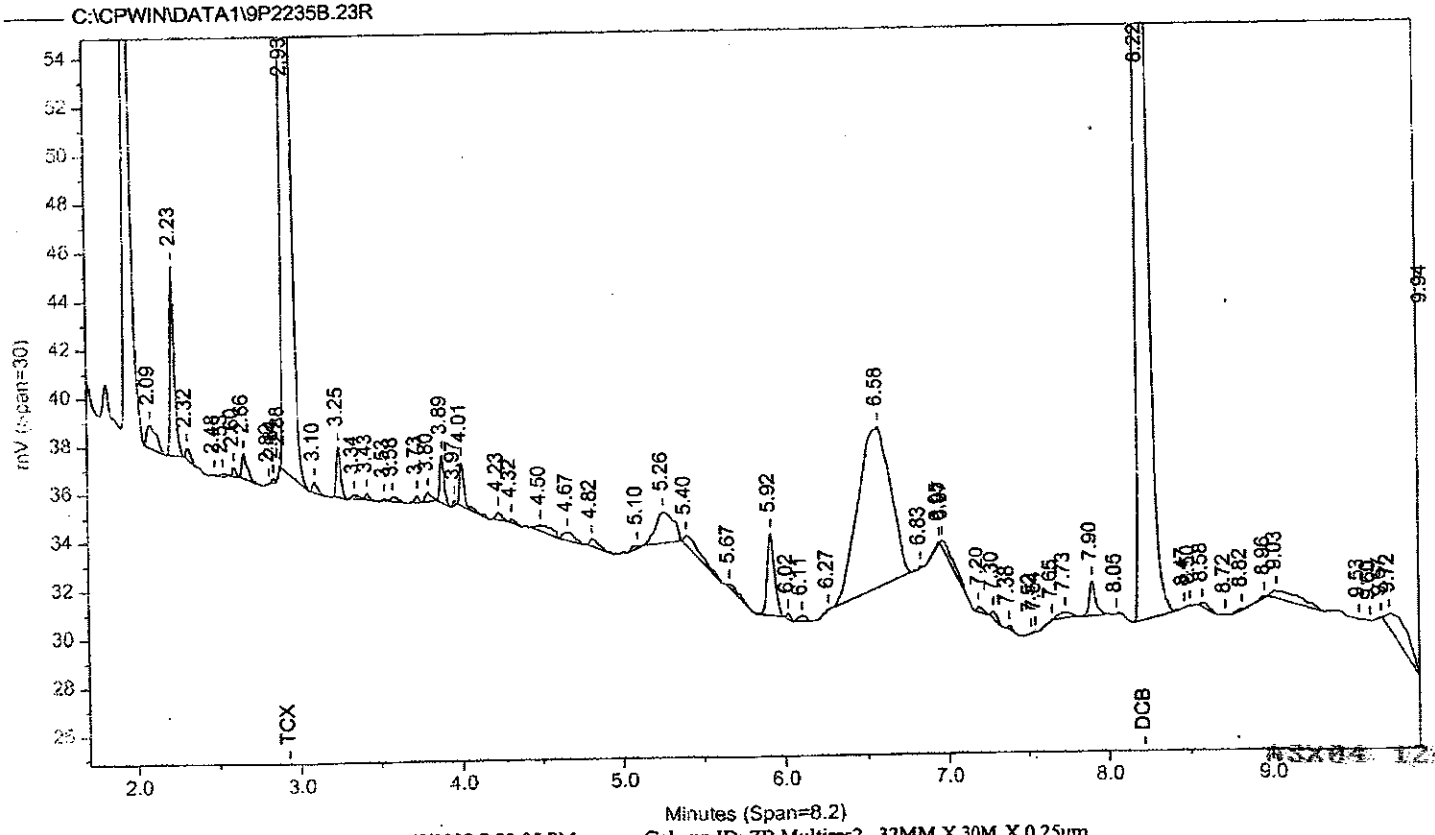

Instrument ID: CP02--H2601B Injected On: 9/5/2008 7:23:05 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	94055	9.83202	TCX	2.925	156549	9.79533	TCX
9.428	71419	10.41272	DCB	8.219	137380	9.95664	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.23A
Area File: C:\CPWIN\DATA1\9P2235B.23A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 7:33:08 PM
File Reported On: 9/5/2008 at 7:33:14 PM

10X REPLOTS

ASX04 1247

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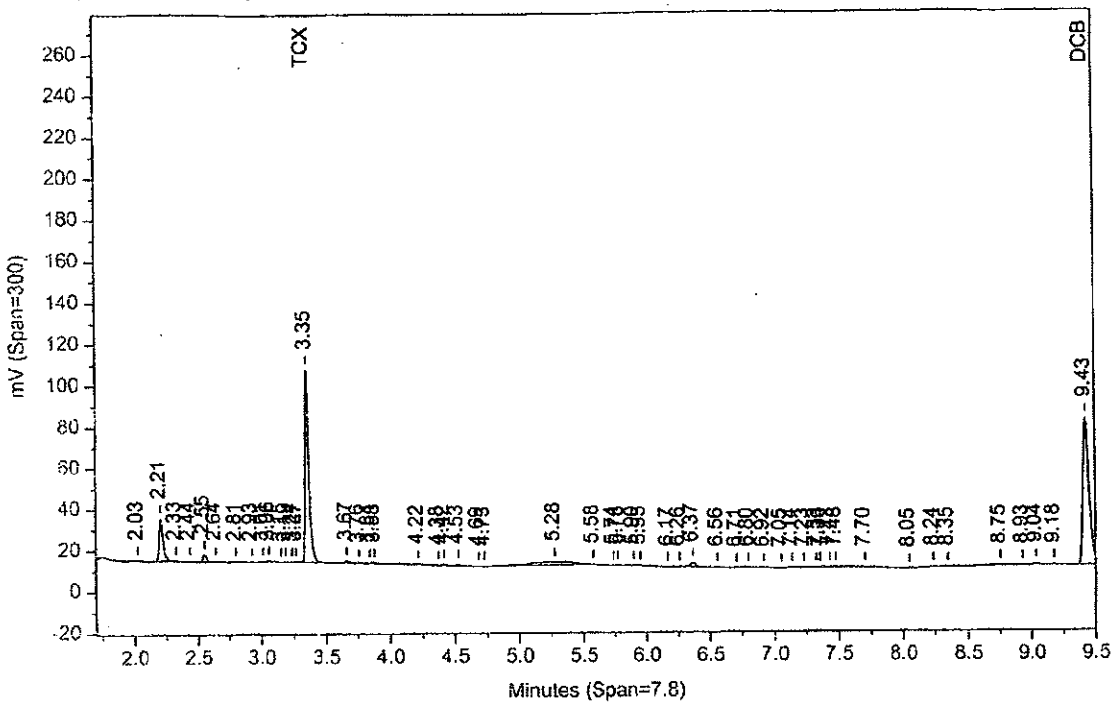

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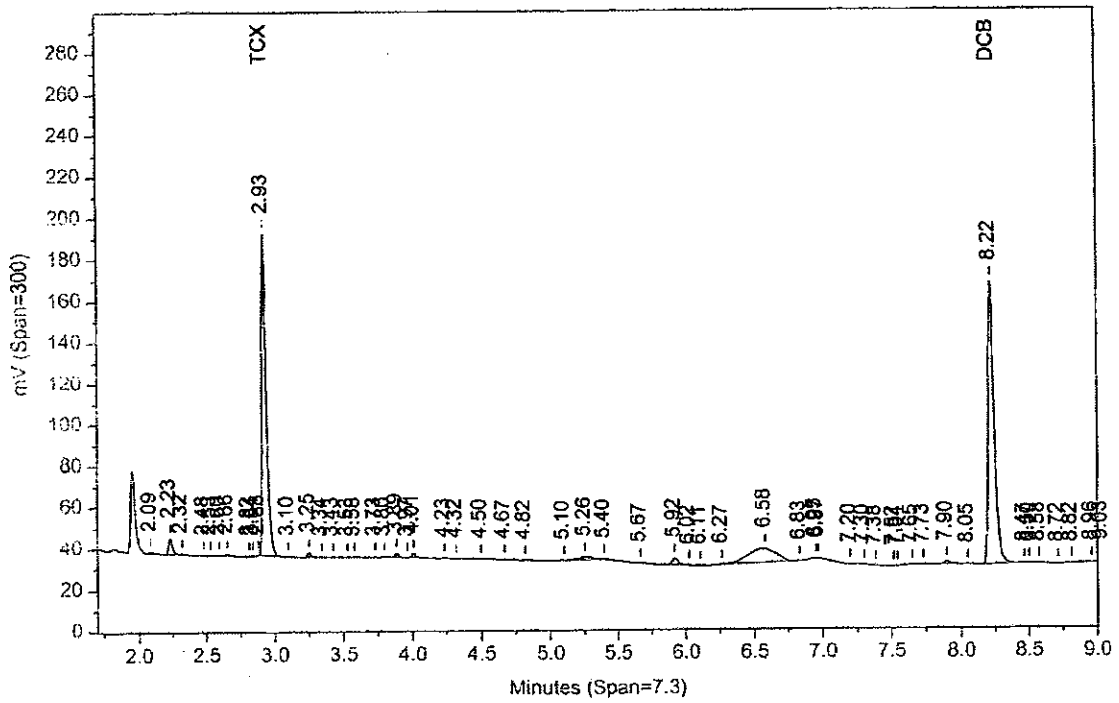

ASXB4 1248

Multiple Component Data Summary

Sample Name: LCSA 9/4/08ACF LCSEC LCS Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2131 SDG: State:
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 19:37:28
Instrument H2601A
Result file 9P2235.24R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 94.9% Conc: 9.46221E
%SSR(DCB) 99.0% Conc: 9.91201E

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**4.45**	
3.73	3.75	3.79	27980.39648	138.059441			1
4.26	4.29	4.32	34635	138.702004			2
4.55	4.58	4.61	80721.01562	144.885033			3
4.71	4.73	4.77	32473.09765	141.746974			4
5.14	5.17	5.20	25446.81835	141.153836			5
5.38	5.41	5.44	30103.77539	155.364061			6

Height summation: **231360.103515**
Concentration CF: **143.318558** L:

Aroclor-1260						**8.64**	
6.03	6.06	6.09	30290.28710	143.711426			1
6.14	6.17	6.20	61242.22656	142.68832			2
6.41	6.44	6.47	70965.82031	141.389947			3
6.68	6.71	6.74	79593.78906	146.190484			4
6.77	6.80	6.83	42379.79687	140.503617			5
6.98	7.01	7.04	57152.27343	173.852191			6

Height summation: **341624.193361**
Concentration CF: **148.055998** L:

Analysis Report (B)

Injected on Sep 05, 2008 19:37:28
Instrument H2601B
Result file 9P2235B.24R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 92.8% Conc: 9.26044
%SSR(DCB) 95.9% Conc: 9.60733E

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**3.72**	
3.32	3.35	3.38	48537.55859	128.918846			1
3.65	3.68	3.71	73842.82812	130.840006			2
3.84	3.86	3.90	56992.55078	133.846032			3
4.08	4.11	4.14	126686.75	132.836857			4
4.35	4.38	4.41	33500.24609	131.676525			5
4.66	4.69	4.72	38279.61328	120.554016			6

Height summation: **377839.546875**
Concentration CF: **129.778714** L:

Aroclor-1260						**4.06**	
5.43	5.46	5.49	34424.69531	127.400631			1
5.54	5.57	5.60	99767.67968	138.312188			2
5.74	5.76	5.80	118771.0703	141.245521			3
6.06	6.08	6.12	75533.98437	133.684599			4
6.35	6.38	6.41	90353.375	141.384807			5
7.51	7.54	7.57	64848.86718	140.640218			6

Height summation: **483699.671877**
Concentration CF: **137.111327** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016	A	143.318558	17	3.3		9.92	4	15	
Aroclor-1221			<17	<5.2			3	5	
Aroclor-1232			<17	<3.3			4	10	
Aroclor-1242			<17	<3.3			4	30	
Aroclor-1248			<17	<3.3			4	30	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260	A	148.055998	17	3.3		7.68	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08
Verified By: [signature] Date: 9-8-08

ASX04 1249

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **LCSA** 9/4/08ACF LCSEC Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 19:37:28
Instrument : CP02--H2601A
Result file : 9P2235.24R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 94.9% Conc.: 9.462218
%SSR(DCB) : 99% Conc.: 9.912016

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	4.45	
3.73	3.75	3.79	27980.39648	138.059441			1
4.26	4.29	4.32	34635	138.702004			2
4.55	4.58	4.61	80721.01562	144.885033			3
4.71	4.73	4.77	32473.09765	141.746974			4
5.14	5.17	5.20	25446.81835	141.153836			5
5.38	5.41	5.44	30103.77539	155.364061			6
Height Summation:			231360.103515				
Amount Avg CF:			143.318558	Linear:			
Aroclor-1221					3	40.49	
E 3.56	3.59	3.62	4456.536133	41.402231			1
E 3.65	3.68	3.71	5743.091797	68.296965			2
E 3.72	3.75	3.78	27980.39648	97.255462			3
Height Summation:			38180.024414				
Amount Avg CF:			68.984886	Linear:			
Aroclor-1232					6	117.58	
E 3.72	3.75	3.78	27980.39648	117.643779			1
E 4.26	4.29	4.32	34635	289.348371			2
E 4.55	4.58	4.61	80721.01562	297.003203			3
E 4.70	4.73	4.76	32473.09765	305.126593			4
E 5.13	5.17	5.19	25446.81835	300.949895			5
E 5.38	5.41	5.44	30103.77539	1692.173996			6
Height Summation:			231360.103515				
Amount Avg CF:			500.374306	Linear:			
Aroclor-1242					6	74.11	
E 3.73	3.75	3.79	27980.39648	165.178408			1
E 4.26	4.29	4.32	34635	173.01064			2
E 4.55	4.58	4.61	80721.01562	182.978614			3
E 4.71	4.73	4.77	32473.09765	181.206426			4
E 5.14	5.17	5.20	25446.81835	170.996327			5
E 5.38	5.41	5.44	30103.77539	628.930855			6
Height Summation:			231360.103515				
Amount Avg CF:			250.383545	Linear:			
Aroclor-1248					5	86.67	
4.55	4.58	4.61	80721.01562	290.017431			1
5.01	5.04	5.07	30565.875	102.114783			2
5.62	5.64	5.68	24861.75195	80.036493			4
5.96	5.99	6.02	9364.859375	57.094724			5
6.26	6.29	6.32	5489.147461	47.313711			6
Height Summation:			151002.649414				
Amount Avg CF:			115.315428	Linear:			
Aroclor-1254					6	79.59	
4.82	4.84	4.88	17372.28906	75.165082			1
5.61	5.64	5.67	24861.75195	64.810374			2
5.96	5.99	6.02	9364.859375	17.054621			3
6.26	6.29	6.32	5489.147461	13.245124			4
6.52	6.56	6.58	28719.58789	102.00708			5
6.68	6.71	6.74	79593.78906	171.656945			6
Height Summation:			165401.424806				
Amount Avg CF:			73.989871	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 19:37:28
Instrument : CP02--H2601B
Result file : 9P2235B.24R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 92.8% Conc.: 9.260449
%SSR(DCB) : 95.9% Conc.: 9.607336

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	3.72	
3.32	3.35	3.38	48537.55859	128.918846			1
3.65	3.68	3.71	73842.82812	130.840006			2
3.84	3.86	3.90	56992.55078	133.846032			3
4.08	4.11	4.14	126686.75	132.836857			4
4.35	4.38	4.41	33500.24609	131.676525			5
4.66	4.69	4.72	38279.61328	120.554016			6
Height Summation:			377839.546875				
Amount Avg CF:			129.778714	Linear:			
Aroclor-1221					3	39.34	
E 3.14	3.17	3.20	8472.375977	40.350412			1
3.23	3.27	3.29	10087.06152	66.945821			2
E 3.32	3.35	3.38	48537.55859	92.83444			3
Height Summation:			67096.996094				
Amount Avg CF:			66.710224	Linear:			
Aroclor-1232					6	26.49	
E 3.32	3.35	3.38	48537.55859	112.020953			1
E 3.65	3.68	3.71	73842.82812	246.500186			2
E 3.83	3.86	3.89	56992.55078	272.874417			3
E 4.07	4.11	4.13	126686.75	256.430147			4
E 4.34	4.38	4.40	33500.24609	281.349174			5
+ 4.65	4.66	4.71	1336.224121	8.313729			6
E 4.65	4.69	4.71	38279.61328	238.168383			6
Height Summation:			377839.546875				
Amount Avg CF:			234.55721	Linear:			
Aroclor-1242					6	3.21	
E 3.32	3.35	3.38	48537.55859	154.322646			1
E 3.65	3.68	3.71	73842.82812	165.229751			2
E 3.84	3.86	3.90	56992.55078	165.131183			3
E 4.08	4.11	4.14	126686.75	168.246047			4
E 4.35	4.38	4.41	33500.24609	158.57354			5
+ 4.66	4.66	4.72	1336.224121	5.766546			6
E 4.66	4.69	4.72	38279.61328	165.19771			6
Height Summation:			377839.546875				
Amount Avg CF:			162.78348	Linear:			
Aroclor-1248					5	74.52	
E 4.14	4.17	4.20	41247.87890	385.019937			1
4.35	4.38	4.41	33500.24609	118.237721			2
4.52	4.55	4.58	48798.4375	98.773784			3
4.66	4.69	4.72	38279.61328	108.854416			4
4.87	4.90	4.93	47388.5	115.148356			5
Height Summation:			209214.675781				
Amount Avg CF:			165.206843	Linear:			
Aroclor-1254					6	126.56	
5.24	5.26	5.30	1694.714233	5.957442			1
5.32	5.35	5.38	6864.343262	13.443049			2
5.41	5.46	5.47	34424.69531	37.057993			3
5.64	5.67	5.70	2045.838867	3.128249			4
5.94	5.98	6.00	5065.840332	13.346676			5
6.05	6.08	6.11	75533.98437	97.81334			6
Height Summation:			125629.416382				
Amount Avg CF:			28.457792	Linear:			

ASX84 2258

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/6/08 07:54:51

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **LCSA** 9/4/08ACF LCSEC Sample ID: AB **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 19:37:28
Instrument : CP02--H2601A
Result file : 9P2235.24R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	8.64	
6.03	6.06	6.09	30290.28710	143.711426			1
6.14	6.17	6.20	61242.22656	142.68832			2
6.41	6.44	6.47	70965.82031	141.389947			3
6.68	6.71	6.74	79593.78906	146.190484			4
6.77	6.80	6.83	42379.79687	140.503617			5
6.98	7.01	7.04	57152.27343	173.852191			6
Height Summation:			**341624.193361**				
Amount Avg CF:			**148.055998**	Linear:			
Aroclor-1262					6	29.80	
6.03	6.06	6.09	30290.28710	121.82828			1
6.13	6.17	6.19	61242.22656	156.406686			2
6.40	6.44	6.46	70965.82031	164.967658			3
6.67	6.71	6.73	79593.78906	205.027557			4
6.76	6.80	6.82	42379.79687	80.022154			5
6.98	7.01	7.04	57152.27343	130.137194			6
Height Summation:			**341624.193361**				
Amount Avg CF:			**143.064922**	Linear:			
Aroclor-1268					5	77.80	
6.76	6.80	6.82	42379.79687	179.097463			1
7.00	7.01	7.06	57152.27343	199.12574			2
7.66	7.70	7.72	69245.21875	61.741073			3
8.01	8.04	8.07	1504.737061	1.626252			4
8.51	8.55	8.57	32633.01953	88.222052			6
Height Summation:			**202915.045655**				
Amount Avg CF:			**105.962516**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 19:37:28
Instrument : CP02--H2601B
Result file : 9P2235B.24R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	4.06	
5.43	5.46	5.49	34424.69531	127.400631			1
5.54	5.57	5.60	99767.67968	138.312188			2
5.74	5.76	5.80	118771.0703	141.245521			3
6.06	6.08	6.12	75533.98437	133.684599			4
6.35	6.38	6.41	90353.375	141.384807			5
7.51	7.54	7.57	64848.86718	140.640218			6
Height Summation:			**483699.671877**				
Amount Avg CF:			**137.111327**	Linear:			
Aroclor-1262					6	63.00	
E 6.05	6.08	6.11	75533.98437	245.417901			1
6.14	6.18	6.20	29009.87304	114.630545			2
6.44	6.48	6.50	35424.11718	96.056433			3
6.88	6.92	6.94	40224.83593	58.997141			4
7.34	7.37	7.40	24821.29101	86.140261			5
7.86	7.90	7.92	19834.35351	60.694909			6
Height Summation:			**224848.455080**				
Amount Avg CF:			**110.322865**	Linear:			
Aroclor-1268					6	146.71	
6.10	6.12	6.16	45987.09765	112.930534			1
6.35	6.38	6.41	90353.375	174.393092			2
E 6.60	6.63	6.66	196468.5625	870.556406			3
6.94	6.98	7.00	137505.0937	81.164689			4
7.16	7.19	7.22	2644.066406	1.537068			5
7.51	7.54	7.57	64848.86718	81.889312			6
Height Summation:			**537807.062500**				
Amount Avg CF:			**220.41185**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.3		9.92	4	15	
Aroclor-1221			17	3.3	E	3.35	3	5	
			17	5.2	E				
Aroclor-1232			17	3.3	E	** 72.34	4	10	
Aroclor-1242			17	3.3	E	** 42.40	4	30	
Aroclor-1248			17	3.3		35.57	4	30	
Aroclor-1254			17	3.3		** 88.89	4	40	
Aroclor-1260			17	3.3		7.68	4	40	
Aroclor-1262			17	3.3		25.84	4	40	
Aroclor-1268			17	3.3		** 70.13	4	40	

Units: _____

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*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/6/08 07:54:51

Sample Name: **LCSA 9/4/08ACF ABLCSEC LCS 082470004A 00042**
Acquired from CP02--H2601A via port 1 on 9/5/08 07:47:28pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235.24R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.024		0.0000	0.000	667.6	0.020	BB	0.067	165.75	0.012
2	2.160		0.0000	0.000	270.0	0.008	BB	0.040	112.42	0.008
3	2.206		0.0000	0.000	43392.5	1.330	BB	0.034	21013.41	1.530
4	2.325		0.0000	0.000	706.2	0.022	BB	0.043	272.83	0.020
5	2.435		0.0000	0.000	578.5	0.018	BB	0.032	297.13	0.022
6	2.548		0.0000	0.000	6128.3	0.188	BB	0.031	3250.79	0.237
7	2.640		0.0000	0.000	762.3	0.023	BB	0.047	269.36	0.020
8	2.801		0.0000	0.000	857.1	0.026	BB	0.043	333.37	0.024
9	2.923		0.0000	0.000	247.3	0.008	BB	0.029	141.63	0.010
10	3.059		0.0000	0.000	2651.3	0.081	BB	0.048	924.97	0.067
11	3.146		0.0000	0.000	63.0	0.002	BB	0.020	53.68	0.004
12	3.184		0.0000	0.000	63.0	0.002	BB	0.024	44.67	0.003
13	3.233		0.0000	0.000	43.6	0.001	BB	0.018	39.91	0.003
14	3.261		0.0000	0.000	251.8	0.008	BB	0.023	185.36	0.013
15	3.348	TCX	283.8665	48.839	186587.8	5.719	BB	0.034	90517.14	6.590
16	3.588		0.0000	0.000	9273.2	0.284	BB	0.035	4456.54	0.324
17	3.679		0.0000	0.000	11629.2	0.356	BB	0.034	5743.09	0.418
18	3.755		0.0000	0.000	63462.0	1.945	BB	0.038	27980.40	2.037
19	3.906		0.0000	0.000	7947.6	0.244	BB	0.038	3461.52	0.252
20	4.105		0.0000	0.000	135378.9	4.149	BB	0.060	37638.45	2.740
21	4.236		0.0000	0.000	1315.0	0.040	BB	0.019	1180.09	0.086
22	4.289		0.0000	0.000	76278.1	2.338	BB	0.037	34635.00	2.522
23	4.413		0.0000	0.000	2073.3	0.064	BB	0.025	1397.79	0.102
24	4.484		0.0000	0.000	28778.8	0.882	BB	0.047	10162.04	0.740
25	4.577		0.0000	0.000	182693.2	5.599	BB	0.038	80721.02	5.877
26	4.638		0.0000	0.000	52741.7	1.616	BB	0.029	30532.04	2.223
27	4.733		0.0000	0.000	59802.9	1.833	BB	0.031	32473.10	2.364
28	4.792		0.0000	0.000	739.5	0.023	BB	0.015	803.38	0.058
29	4.845		0.0000	0.000	23512.4	0.721	BB	0.023	17372.29	1.265
30	4.887		0.0000	0.000	53055.5	1.626	BB	0.048	18252.43	1.329
31	5.036		0.0000	0.000	85698.8	2.627	BB	0.047	30565.88	2.225
32	5.117		0.0000	0.000	4985.3	0.153	BB	0.018	4546.05	0.331
33	5.168		0.0000	0.000	47669.2	1.461	BB	0.031	25446.82	1.853
34	5.228		0.0000	0.000	7350.0	0.225	BB	0.026	4789.19	0.349
35	5.302		0.0000	0.000	1030.6	0.032	BB	0.024	715.66	0.052
36	5.361		0.0000	0.000	1308.8	0.040	BB	0.023	959.19	0.070
37	5.411		0.0000	0.000	111520.6	3.418	BB	0.062	30103.78	2.192
38	5.580		0.0000	0.000	2775.1	0.085	BB	0.025	1865.01	0.136
39	5.640		0.0000	0.000	60535.1	1.855	BB	0.041	24861.75	1.810
40	5.774		0.0000	0.000	152.2	0.005	BB	0.027	93.14	0.007
41	5.838		0.0000	0.000	1045.7	0.032	BB	0.031	570.02	0.042
42	5.929		0.0000	0.000	25844.8	0.792	BB	0.037	11570.00	0.842
43	5.993		0.0000	0.000	15849.2	0.486	BB	0.028	9364.86	0.682
44	6.062		0.0000	0.000	90124.8	2.762	BB	0.050	30290.29	2.205
45	6.165		0.0000	0.000	142121.6	4.356	BB	0.039	61242.23	4.459
46	6.286		0.0000	0.000	11905.7	0.365	BB	0.036	5489.15	0.400
47	6.369		0.0000	0.000	19929.1	0.611	BB	0.031	10720.65	0.781
48	6.440		0.0000	0.000	156296.5	4.790	BB	0.037	70965.82	5.167
49	6.493		0.0000	0.000	7129.5	0.219	BB	0.021	5698.11	0.415
50	6.556		0.0000	0.000	63312.8	1.940	BB	0.037	28719.59	2.091
51	6.662		0.0000	0.000	4472.7	0.137	BB	0.024	3073.43	0.224
52	6.708		0.0000	0.000	176335.9	5.405	BB	0.037	79593.79	5.795
53	6.796		0.0000	0.000	71891.3	2.203	BB	0.028	42379.80	3.085
54	6.852		0.0000	0.000	32474.9	0.995	BB	0.028	19079.46	1.389
55	7.012		0.0000	0.000	143718.6	4.405	BB	0.042	57152.27	4.161
56	7.093		0.0000	0.000	33046.5	1.013	BB	0.027	20163.38	1.468
57	7.145		0.0000	0.000	11875.5	0.364	BB	0.024	8248.83	0.601
58	7.276		0.0000	0.000	26327.9	0.807	BB	0.035	12650.99	0.921
59	7.360		0.0000	0.000	322915.8	9.897	BB	0.044	123402.10	8.984
60	7.601		0.0000	0.000	47.7	0.001	BB	0.021	38.06	0.003
61	7.695		0.0000	0.000	150883.2	4.624	BB	0.036	69245.22	5.041
62	7.792		0.0000	0.000	45162.4	1.384	BB	0.037	20095.45	1.463

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.042		0.0000	0.000	3712.6	0.114	BB	0.041	1504.74	0.110
64	8.203		0.0000	0.000	46353.0	1.421	BB	0.054	14273.38	1.039
65	8.441		0.0000	0.000	140.7	0.004	BB	0.054	43.75	0.003
66	8.546		0.0000	0.000	86464.1	2.650	BB	0.044	32633.02	2.376
67	8.644		0.0000	0.000	2286.2	0.070	BB	0.035	1101.31	0.080
68	8.753		0.0000	0.000	344.0	0.011	BB	0.046	125.69	0.009
69	8.917		0.0000	0.000	22.8	0.001	BB	0.016	23.47	0.002
70	9.031		0.0000	0.000	27449.0	0.841	BB	0.051	8967.60	0.653
71	9.229		0.0000	0.000	966.1	0.030	BB	0.077	210.35	0.015
72	9.423	DCB	297.3605	51.161	234688.9	7.193	BB	0.058	67985.09	4.950
73	9.804		0.0000	0.000	176.1	0.005	BB	0.067	43.89	0.003
74	9.930		0.0000	0.000	32457.4	0.995	BB	0.064	8497.49	0.619

Total Area = 3262751.0, Total Amount = 581.227, Total Height = 1373541.0, Sample Units = ug/l

Sample Name: **LCSA 9/4/08ACF ABLCSEC LCS 082470004A 00042**
Acquired from CP02--H2601B via port 2 on 9/5/08 07:47:28pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\9P2235B.24R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.088		0.0000	0.000	4583.6	0.092	BB	0.074	1035.35	0.046
2	2.233		0.0000	0.000	12333.1	0.247	BB	0.032	6499.32	0.292
3	2.320		0.0000	0.000	1375.0	0.028	BB	0.042	551.93	0.025
4	2.485		0.0000	0.000	1367.3	0.027	BB	0.037	609.24	0.027
5	2.570		0.0000	0.000	77.0	0.002	BB	0.011	117.45	0.005
6	2.603		0.0000	0.000	477.9	0.010	BB	0.021	373.66	0.017
7	2.659		0.0000	0.000	747.4	0.015	BB	0.022	571.74	0.026
8	2.687		0.0000	0.000	481.3	0.010	BB	0.018	449.15	0.020
9	2.850		0.0000	0.000	237.1	0.005	BB	0.024	164.28	0.007
10	2.924	TCX	277.8135	49.081	342263.8	6.849	BB	0.039	148000.30	6.644
11	3.094		0.0000	0.000	539.7	0.011	BB	0.027	335.78	0.015
12	3.174		0.0000	0.000	16998.4	0.340	BB	0.033	8472.38	0.380
13	3.267		0.0000	0.000	21184.5	0.424	BB	0.035	10087.06	0.453
14	3.347		0.0000	0.000	113835.0	2.278	BB	0.039	48537.56	2.179
15	3.521		0.0000	0.000	14114.8	0.282	BB	0.038	6122.63	0.275
16	3.679		0.0000	0.000	238045.0	4.763	BB	0.054	73842.83	3.315
17	3.822		0.0000	0.000	1813.0	0.036	BB	0.020	1540.10	0.069
18	3.863		0.0000	0.000	135820.3	2.718	BB	0.040	56992.55	2.558
19	4.011		0.0000	0.000	57069.4	1.142	BB	0.049	19241.33	0.864
20	4.110		0.0000	0.000	274290.8	5.489	BB	0.036	126686.80	5.687
21	4.167		0.0000	0.000	75934.9	1.520	BB	0.031	41247.88	1.852
22	4.285		0.0000	0.000	87412.5	1.749	BB	0.028	52448.82	2.355
23	4.342		0.0000	0.000	25611.6	0.513	BB	0.021	20623.56	0.926
24	4.377		0.0000	0.000	81298.5	1.627	BB	0.040	33500.25	1.504
25	4.546		0.0000	0.000	112927.8	2.260	BB	0.039	48798.44	2.191
26	4.610		0.0000	0.000	9948.7	0.199	BB	0.020	8459.33	0.380
27	4.661		0.0000	0.000	2164.0	0.043	BB	0.027	1336.22	0.060
28	4.687		0.0000	0.000	66217.5	1.325	BB	0.029	38279.61	1.718
29	4.753		0.0000	0.000	18191.1	0.364	BB	0.027	11343.95	0.509
30	4.823		0.0000	0.000	662.7	0.013	BB	0.016	676.38	0.030
31	4.860		0.0000	0.000	6241.1	0.125	BB	0.020	5107.13	0.229
32	4.895		0.0000	0.000	115765.5	2.317	BB	0.041	47388.50	2.127
33	4.990		0.0000	0.000	2688.9	0.054	BB	0.019	2299.80	0.103
34	5.047		0.0000	0.000	101888.0	2.039	BB	0.044	38551.32	1.731
35	5.265		0.0000	0.000	4172.8	0.084	BB	0.041	1694.71	0.076
36	5.348		0.0000	0.000	11524.6	0.231	BB	0.028	6864.34	0.308
37	5.456		0.0000	0.000	76512.0	1.531	BB	0.037	34424.70	1.545
38	5.492		0.0000	0.000	12498.5	0.250	BB	0.021	9713.84	0.436
39	5.571		0.0000	0.000	226565.3	4.534	BB	0.038	99767.68	4.479
40	5.665		0.0000	0.000	1890.1	0.038	BB	0.015	2045.84	0.092
41	5.704		0.0000	0.000	29106.0	0.582	BB	0.027	18171.87	0.816
42	5.765		0.0000	0.000	280655.2	5.616	BB	0.039	118771.10	5.332
43	5.909		0.0000	0.000	236064.3	4.724	BB	0.037	106571.30	4.784
44	5.979		0.0000	0.000	5464.3	0.109	BB	0.018	5065.84	0.227
45	6.034		0.0000	0.000	26179.8	0.524	BB	0.023	18771.56	0.843
46	6.083		0.0000	0.000	123055.0	2.462	BB	0.027	75533.98	3.391
47	6.124		0.0000	0.000	65906.7	1.319	BB	0.024	45987.10	2.064
48	6.176		0.0000	0.000	42679.5	0.854	BB	0.025	29009.87	1.302
49	6.310		0.0000	0.000	30933.4	0.619	BB	0.032	15865.82	0.712
50	6.381		0.0000	0.000	211780.6	4.238	BB	0.039	90353.38	4.056
51	6.476		0.0000	0.000	56972.8	1.140	BB	0.027	35424.12	1.590
52	6.519		0.0000	0.000	8930.0	0.179	BB	0.018	8471.00	0.380
53	6.557		0.0000	0.000	10769.1	0.215	BB	0.021	8737.71	0.392
54	6.631		0.0000	0.000	459374.1	9.192	BB	0.039	196468.60	8.820
55	6.723		0.0000	0.000	3045.9	0.061	BB	0.020	2524.85	0.113
56	6.916		0.0000	0.000	66250.6	1.326	BB	0.027	40224.84	1.806
57	6.977		0.0000	0.000	327074.1	6.545	BB	0.040	137505.10	6.173
58	7.194		0.0000	0.000	4807.3	0.096	BB	0.030	2644.07	0.119
59	7.256		0.0000	0.000	3168.3	0.063	BB	0.025	2119.53	0.095
60	7.294		0.0000	0.000	2053.2	0.041	BB	0.026	1339.23	0.060
61	7.371		0.0000	0.000	58020.8	1.161	BB	0.039	24821.29	1.114
62	7.543		0.0000	0.000	173040.7	3.463	BB	0.044	64848.87	2.911

ASX84 1254

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.820		0.0000	0.000	63.9	0.001	BB	0.015	71.98	0.003
64	7.897		0.0000	0.000	53186.6	1.064	BB	0.045	19834.35	0.890
65	8.153		0.0000	0.000	41.2	0.001	BB	0.008	87.38	0.004
66	8.219	DCB	288.2201	50.919	393990.2	7.884	BB	0.050	132560.50	5.951
67	8.403		0.0000	0.000	1680.0	0.034	BB	0.265	105.78	0.005
68	8.587		0.0000	0.000	475.9	0.010	BB	0.041	191.72	0.009
69	8.754		0.0000	0.000	28.3	0.001	BB	0.011	41.75	0.002
70	8.770		0.0000	0.000	27.3	0.001	BB	0.006	70.27	0.003
71	8.787		0.0000	0.000	48.7	0.001	BB	0.013	64.74	0.003
72	8.820		0.0000	0.000	24.8	0.000	BB	0.008	52.95	0.002
73	8.854		0.0000	0.000	36.3	0.001	BB	0.014	43.03	0.002
74	8.870		0.0000	0.000	47.7	0.001	BB	0.009	84.27	0.004
75	8.904		0.0000	0.000	22.3	0.000	BB	0.008	48.43	0.002
76	8.921		0.0000	0.000	23.1	0.000	BB	0.008	49.39	0.002
77	8.937		0.0000	0.000	33.1	0.001	BB	0.008	68.30	0.003
78	8.970		0.0000	0.000	72.2	0.001	BB	0.023	51.52	0.002
79	8.987		0.0000	0.000	29.8	0.001	BB	0.009	52.27	0.002
80	9.003		0.0000	0.000	1511.9	0.030	BB	0.215	117.15	0.005
81	9.220		0.0000	0.000	504.0	0.010	BB	0.064	130.42	0.006
82	9.370		0.0000	0.000	187.0	0.004	BB	0.031	101.26	0.005
83	9.437		0.0000	0.000	226.8	0.005	BB	0.034	110.47	0.005
84	9.670		0.0000	0.000	88.0	0.002	BB	0.029	51.00	0.002
85	9.703		0.0000	0.000	52.3	0.001	BB	0.018	49.34	0.002
86	9.720		0.0000	0.000	4907.3	0.098	BB	0.289	283.15	0.013
87	9.937		0.0000	0.000	36921.3	0.739	BB	0.067	9236.02	0.415

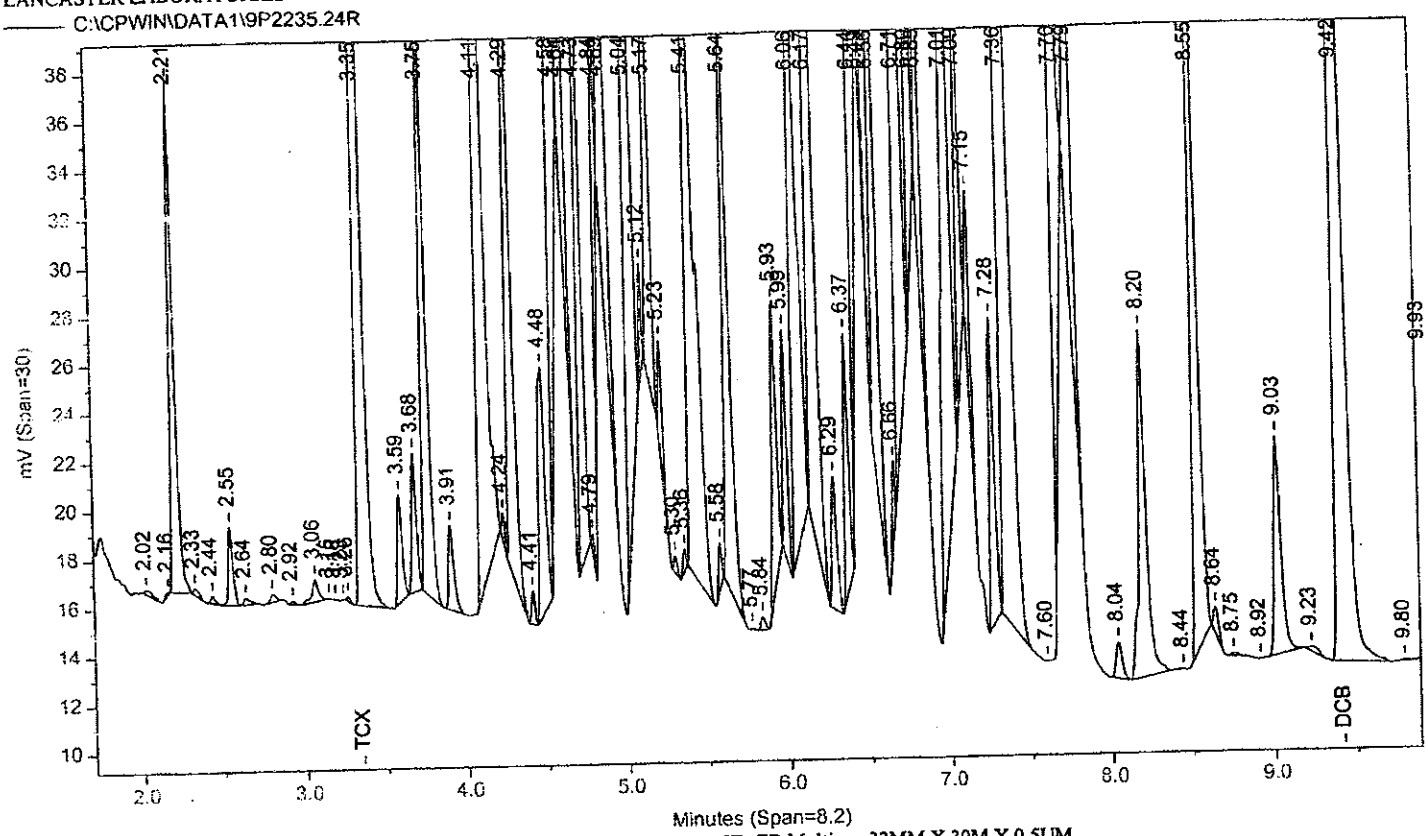
Total Area = 4997333.0, Total Amount = 566.034, Total Height = 2227593.0, Sample Units = ug/l

ASX04 1255

LCSA 9/4/08ACF ABLCSEC LCS 082470004A 00042

LANCASTER LABORATORIES

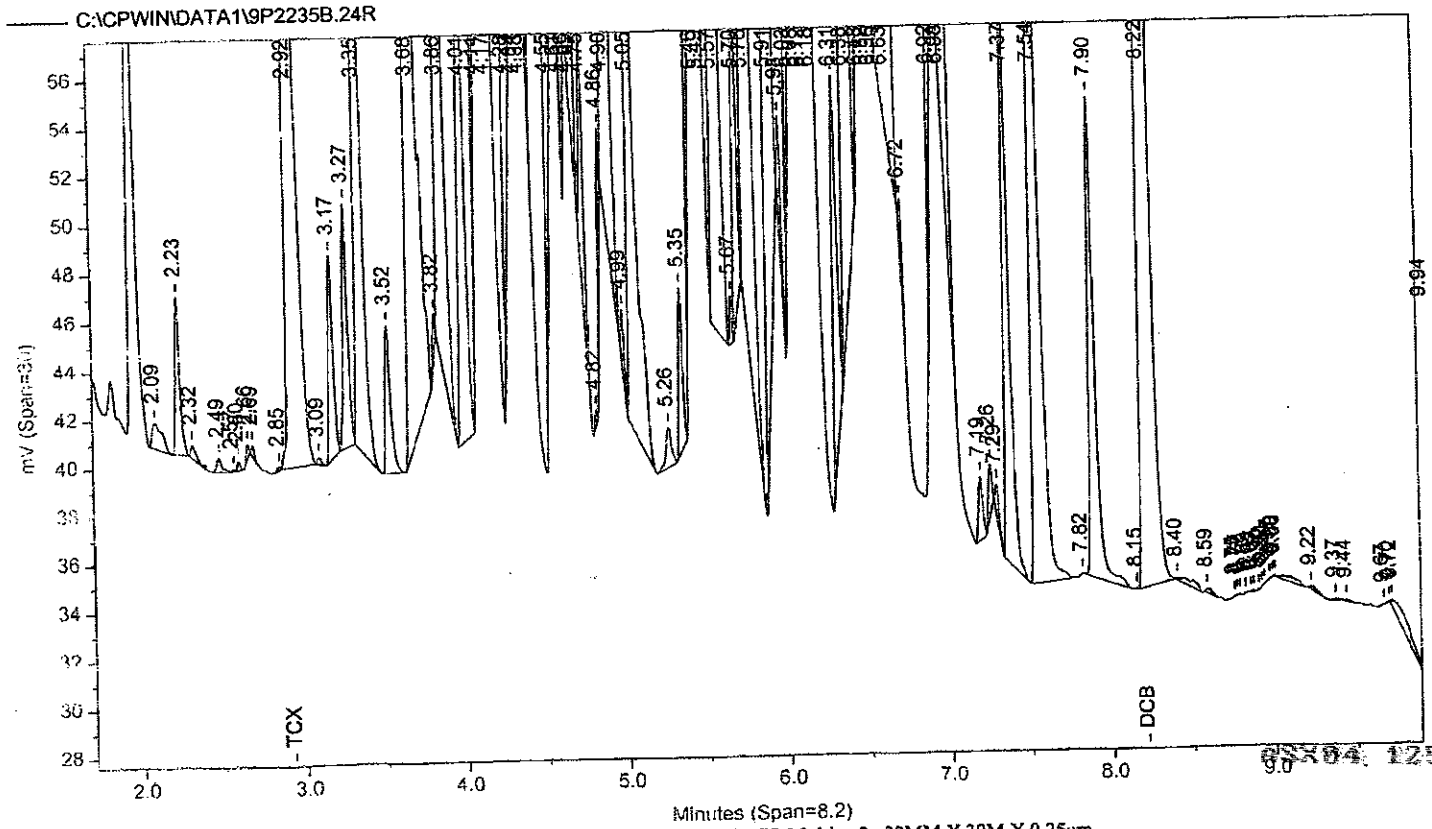
File: C:\CPWIN\DATA1\9P2235.24R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 7:37:28 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.24R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 7:37:28 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01 Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05 Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 10

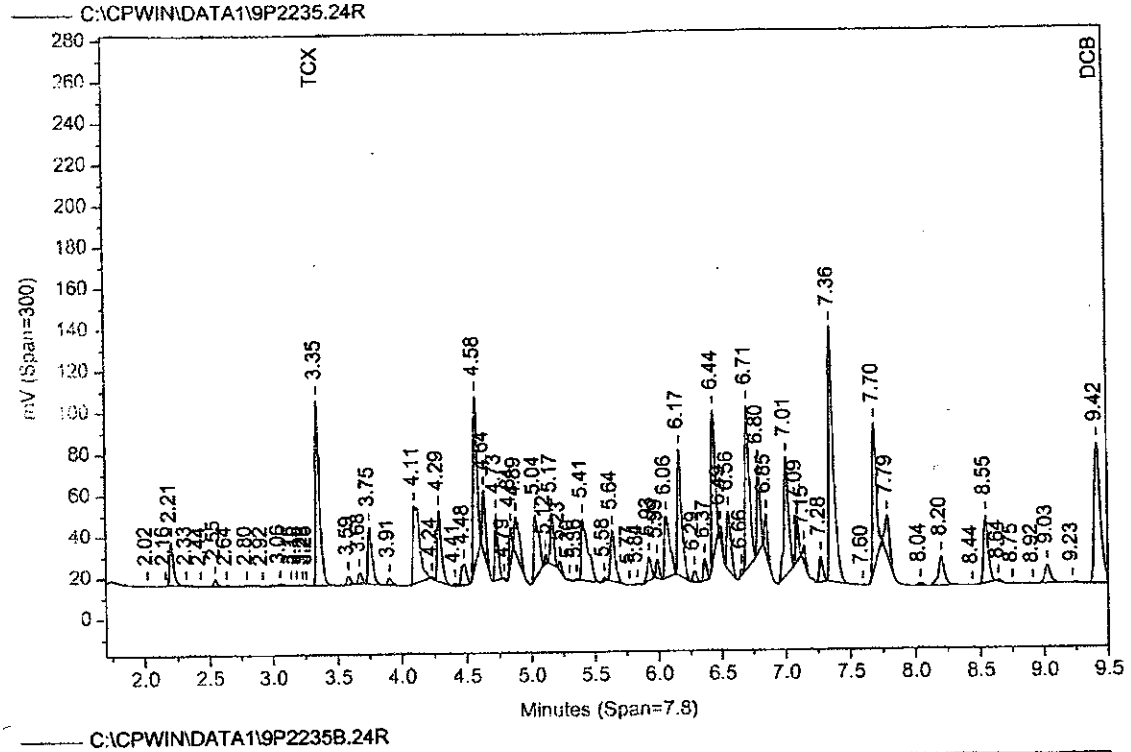
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.348	90517	9.46222	TCX	2.924	148000	9.26045	TCX
9.423	67985	9.91202	DCB	8.219	132561	9.60734	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.24A
Area File: C:\CPWIN\DATA1\9P2235B.24A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/5/2008 7:47:32 PM
File Reported On: 9/5/2008 at 7:47:38 PM

10X REPLOTS

ASX84 1257

C:\CPWIN\DATA1\9P2235.24R



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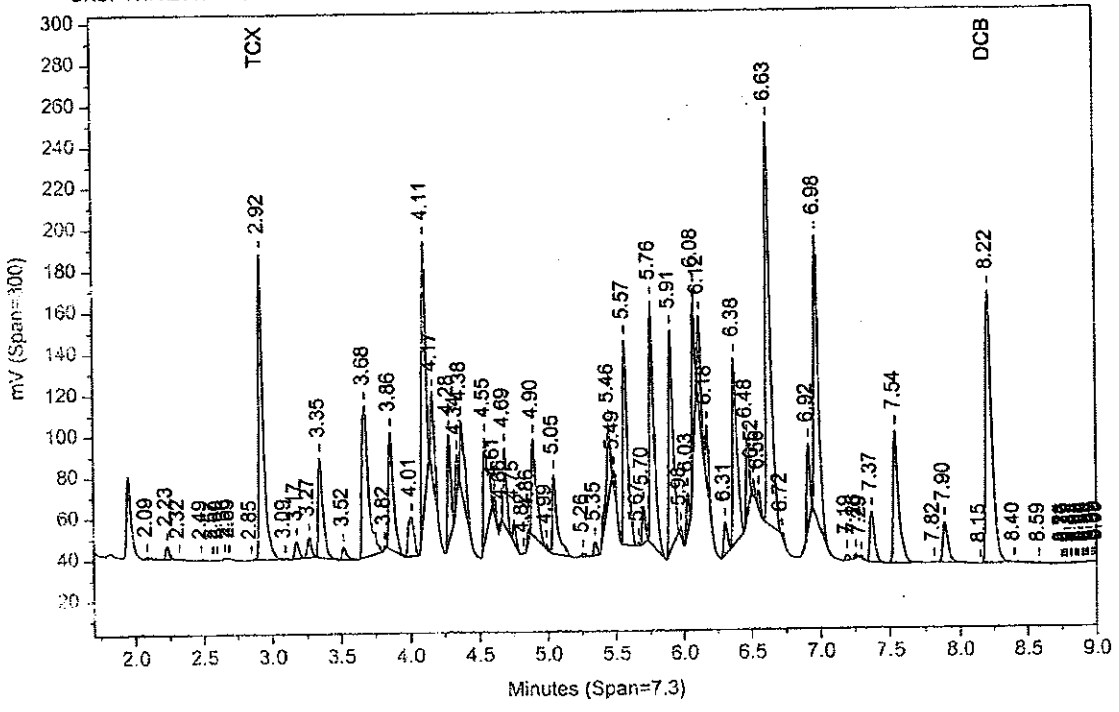


Multiple Component Data Summary

Sample Name: 5454409 MSACF DF250 AMSS1MS MS Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 18:28:40
Instrument H2601A
Result file 10P2235.16R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) 103.7% Conc: 10.38138

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**28.62**	
6.03	6.07	6.09	9556.62207	11335.281971			1
6.14	6.17	6.20	25789.91796	15021.988422			2
6.41	6.44	6.47	47912.75390	23864.945574			3
6.68	6.71	6.74	54686.66796	25110.848938			4
6.77	6.80	6.83	22562.23046	18700.390406			5
6.98	7.02	7.04	31674.24023	24087.563442			6

Height summation: **192182.432617**
Concentration CF: **19686.836459** L:

Analysis Report (B)

Injected on Sep 08, 2008 18:28:40
Instrument H2601B
Result file 10P2235B.16R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 81.5% Conc: 8.128367
%SSR(DCB) 82.4% Conc: 8.253992

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**27.83**	
5.43	5.46	5.49	12070.42578	11167.708623			1
5.54	5.57	5.60	38999.41015	13516.636304			2
5.74	5.76	5.80	67993.08593	20214.768657			3
6.06	6.08	6.12	55320.58203	24477.425226			4
6.35	6.38	6.41	47586.25390	18615.722274			5
7.51	7.55	7.57	40864.32031	22156.003584			6

Height summation: **262834.078125**
Concentration CF: **18358.044111** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<4250	<825			4	15	
Aroclor-1221			<4250	<1300			3	5	
Aroclor-1232			<4250	<825			4	10	
Aroclor-1242			<4250	<825			4	30	
Aroclor-1248			<4250	<825			4	30	
Aroclor-1254			<4250	<825			4	40	
Aroclor-1260	A	19686.836459	4250	825		6.99	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James H Brinnart Date: 9-9-08
Verified By: A Carey 1151 Date: 9.10.08

ASX04 1259

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454409** MSACF DF250 AMSS1MS Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:28:40
Instrument : CP02--H2601A
Result file : 10P2235.16R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : 103.7% Conc.: 10.38138

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	169.87	
3.73	3.76	3.79	181.284836	223.621591			1
4.26	4.30	4.32	304.566986	304.923136			2
4.55	4.58	4.61	375.606171	168.542579			3
4.71	4.74	4.77	203.544479	222.120894			4
5.38	5.41	5.44	2987.693604	3854.833854			6
Height Summation:			**4052.696076**				
Amount Avg CF:			**954.808411**	Linear:			
Aroclor-1221					1		
3.72	3.76	3.78	181.284836	157.529402			3
Height Summation:			**181.284836**				
Amount Avg CF:			**157.529402**	Linear:			
Aroclor-1232					5	213.04	
3.72	3.76	3.78	181.284836	190.553351			1
4.26	4.30	4.32	304.566986	636.104816			2
4.55	4.58	4.61	375.606171	345.499357			3
4.70	4.74	4.76	203.544479	478.14066			4
5.38	5.41	5.44	2987.693604	41985.576223			6
Height Summation:			**4052.696076**				
Amount Avg CF:			**8727.174881**	Linear:			
Aroclor-1242					5	204.51	
3.73	3.76	3.79	181.284836	267.547501			1
4.26	4.30	4.32	304.566986	380.347402			2
4.55	4.58	4.61	375.606171	212.856268			3
4.71	4.74	4.77	203.544479	283.954799			4
5.38	5.41	5.44	2987.693604	15604.792667			6
Height Summation:			**4052.696076**				
Amount Avg CF:			**3349.899727**	Linear:			
Aroclor-1248					4	64.66	
4.55	4.58	4.61	375.606171	337.372913			1
5.62	5.64	5.68	6469.91748	5207.089877			4
5.96	6.00	6.02	4467.66748	6809.505424			5
6.26	6.29	6.32	3377.833496	7278.809595			6
Height Summation:			**14691.024627**				
Amount Avg CF:			**4908.194452**	Linear:			
Aroclor-1254					6	131.67	
4.82	4.85	4.88	269.409576	291.41515			1
5.61	5.64	5.67	6469.91748	4216.49459			2
5.96	6.00	6.02	4467.66748	2034.050148			3
6.26	6.29	6.32	3377.833496	2037.648956			4
6.52	6.56	6.58	14785.89941	13129.248524			5
6.68	6.71	6.74	54686.66796	29485.172281			6
Height Summation:			**84057.395415**				
Amount Avg CF:			**8532.338275**	Linear:			
Aroclor-1260					6	28.62	
6.03	6.07	6.09	9556.62207	11335.281971			1
6.14	6.17	6.20	25789.91796	15021.988422			2
6.41	6.44	6.47	47912.75390	23864.945574			3
6.68	6.71	6.74	54686.66796	25110.848938			4
6.77	6.80	6.83	22562.23046	18700.390406			5
6.98	7.02	7.04	31674.24023	24087.563442			6
Height Summation:			**192182.432617**				
Amount Avg CF:			**19686.836459**	Linear:			

diluted out

Analysis Report (B)

Injected on : SEP 08, 2008 18:28:40
Instrument : CP02--H2601B
Result file : 10P2235B.16R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 81.5% Conc.: 8.128367
%SSR(DCB) : 82.4% Conc.: 8.253992

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	133.67	
3.32	3.37	3.38	3344.221191	2220.616095			1
3.65	3.69	3.71	570.034851	252.507132			2
3.84	3.87	3.90	275.536865	161.773406			3
4.08	4.11	4.14	533.370361	139.815811			4
4.35	4.37	4.41	150.663651	148.050151			5
4.66	4.69	4.72	976.654785	768.944922			6
Height Summation:			**5850.481704**				
Amount Avg CF:			**615.284586**	Linear:			
Aroclor-1221					2	66.28	
3.14	3.17	3.20	485.886169	578.518561			1
3.32	3.37	3.38	3344.221191	1599.065293			3
Height Summation:			**3830.107360**				
Amount Avg CF:			**1088.791927**	Linear:			
Aroclor-1232					6	89.97	
3.32	3.37	3.38	3344.221191	1929.551335			1
3.65	3.69	3.71	570.034851	475.718835			2
3.83	3.87	3.89	275.536865	329.810477			3
4.07	4.11	4.13	533.370361	269.902417			4
4.34	4.37	4.40	150.663651	316.334196			5
4.65	4.69	4.71	976.654785	1519.139501			6
Height Summation:			**5850.481704**				
Amount Avg CF:			**806.742794**	Linear:			
Aroclor-1242					6	129.21	
3.32	3.37	3.38	3344.221191	2658.194384			1
3.65	3.69	3.71	570.034851	318.875641			2
3.84	3.87	3.90	275.536865	199.586296			3
4.08	4.11	4.14	533.370361	177.085321			4
4.35	4.37	4.41	150.663651	178.291739			5
4.66	4.69	4.72	976.654785	1053.701434			6
Height Summation:			**5850.481704**				
Amount Avg CF:			**764.289136**	Linear:			
Aroclor-1248					4	111.96	
4.14	4.17	4.20	207.556412	484.348279			1
4.35	4.37	4.41	150.663651	132.940267			2
4.66	4.69	4.72	976.654785	694.319881			4
4.87	4.90	4.93	4192.817871	2547.010805			5
Height Summation:			**5527.692719**				
Amount Avg CF:			**964.654808**	Linear:			
Aroclor-1254					6	159.77	
5.24	5.27	5.30	687.059021	603.805967			1
5.32	5.35	5.38	3002.575928	1470.052293			2
5.41	5.46	5.47	12070.42578	3248.436511			3
5.64	5.67	5.70	1848.659058	706.68627			4
5.94	5.98	6.00	2232.074463	1470.179318			5
6.05	6.08	6.11	55320.58203	17909.457969			6
Height Summation:			**75161.376282**				
Amount Avg CF:			**4234.769721**	Linear:			

ASX84 5268

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:26:50

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 5454409MSACF DF250 AMSS1MS Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:28:40
Instrument : CP02--H2601A
Result file : 10P2235.16R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	51.13	
6.03	6.07	6.09	9556.62207	9609.242281			1
6.13	6.17	6.19	25789.91796	16466.235088			2
6.40	6.44	6.46	47912.75390	27844.583448			3
6.67	6.71	6.73	54686.66796	35217.176139			4
6.76	6.80	6.82	22562.23046	10650.583642			5
6.98	7.02	7.04	31674.24023	18030.764572			6
Height Summation:			**192182.432617**				
Amount Avg CF:			**19636.430862**	Linear:			
Aroclor-1268					5	69.10	
6.76	6.80	6.82	22562.23046	23837.055254			1
7.00	7.02	7.06	31674.24023	27589.26352			2
7.66	7.70	7.72	50966.3125	11360.765672			3
8.01	8.05	8.07	1207.805908	326.335529			4
8.51	8.55	8.57	21865.95898	14778.434572			6
Height Summation:			**128276.548095**				
Amount Avg CF:			**15578.370909**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:28:40
Instrument : CP02--H2601B
Result file : 10P2235B.16R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	27.83	
5.43	5.46	5.49	12070.42578	11167.708623			1
5.54	5.57	5.60	38999.41015	13516.636304			2
5.74	5.76	5.80	67993.08593	20214.768657			3
6.06	6.08	6.12	55320.58203	24477.425226			4
6.35	6.38	6.41	47586.25390	18615.722274			5
7.51	7.55	7.57	40864.32031	22156.003584			6
Height Summation:			**262834.078125**				
Amount Avg CF:			**18358.044111**	Linear:			
Aroclor-1262					6	82.00	
6.05	6.08	6.11	55320.58203	44935.604959			1
6.14	6.18	6.20	15586.11816	15396.872129			2
6.44	6.48	6.50	21175.14257	14354.688499			3
6.88	6.92	6.94	20271.53906	7432.987768			4
7.34	7.37	7.40	16084.39257	13954.892408			5
7.86	7.90	7.92	9098.306641	6960.409552			6
Height Summation:			**137536.081055**				
Amount Avg CF:			**17172.575886**	Linear:			
Aroclor-1268					6	159.71	
6.10	6.12	6.16	19284.94140	11839.509546			1
6.35	6.38	6.41	47586.25390	22961.826183			2
E 6.60	6.63	6.66	134763.0312	149284.468971			3
6.94	6.98	7.00	98327.67187	14509.889665			4
7.16	7.19	7.22	907.13269	131.835214			5
7.51	7.55	7.57	40864.32031	12900.576529			6
Height Summation:			**341733.351440**				
Amount Avg CF:			**35271.351018**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4250	825		** 43.25	4	15	
Aroclor-1221			4250	825		** 149.44	3	5	
			4250	1300					
Aroclor-1232			4250	825		** 166.15	4	10	
Aroclor-1242			4250	825		** 125.69	4	30	
Aroclor-1248			4250	825		** 134.30	4	30	
Aroclor-1254			4250	825		** 67.32	4	40	
Aroclor-1260			4250	825		6.99	4	40	
Aroclor-1262			4250	825		13.39	4	40	
Aroclor-1268			4250	825		** 77.46	4	40	

Units: _____

ASX04 1261

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:26:50

Sample Name: **5454409MSACF DF250 ADAMSS1MS MS 082470004A 00042**
Acquired from CP02--H2601A via port 1 on 9/8/08 06:38:40pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.16R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.161		0.0000	0.000	2827.2	0.234	BB	0.081	582.37	0.120
2	2.306		0.0000	0.000	4020.4	0.333	BB	0.072	927.24	0.191
3	2.440		0.0000	0.000	1265.6	0.105	BB	0.052	401.84	0.083
4	2.544		0.0000	0.000	1312.7	0.109	BB	0.049	445.84	0.092
5	2.827		0.0000	0.000	1175.5	0.097	BB	0.195	100.25	0.021
6	2.933		0.0000	0.000	1144.5	0.095	BB	0.055	344.14	0.071
7	3.127		0.0000	0.000	7783.7	0.645	BB	0.107	1209.95	0.249
8	3.389		0.0000	0.000	5861.1	0.486	BB	0.138	710.28	0.146
9	3.531		0.0000	0.000	528.8	0.044	BB	0.032	273.55	0.056
10	3.624		0.0000	0.000	137.9	0.011	BB	0.037	61.56	0.013
11	3.757		0.0000	0.000	863.9	0.072	BB	0.079	181.28	0.037
12	3.863		0.0000	0.000	3776.3	0.313	BB	0.036	1725.16	0.355
13	4.106		0.0000	0.000	76.0	0.006	BB	0.024	53.80	0.011
14	4.132		0.0000	0.000	83.6	0.007	BB	0.034	41.41	0.009
15	4.246		0.0000	0.000	18.9	0.002	BB	0.013	23.45	0.005
16	4.297		0.0000	0.000	819.5	0.068	BB	0.045	304.57	0.063
17	4.411		0.0000	0.000	81.9	0.007	BB	0.022	63.19	0.013
18	4.500		0.0000	0.000	121.0	0.010	BB	0.042	47.59	0.010
19	4.583		0.0000	0.000	1052.1	0.087	BB	0.047	375.61	0.077
20	4.655		0.0000	0.000	457.2	0.038	BB	0.042	183.21	0.038
21	4.738		0.0000	0.000	433.7	0.036	BB	0.036	203.54	0.042
22	4.848		0.0000	0.000	444.0	0.037	BB	0.027	269.41	0.055
23	4.904		0.0000	0.000	270.3	0.022	BB	0.030	152.42	0.031
24	4.993		0.0000	0.000	280.8	0.023	BB	0.063	74.46	0.015
25	5.319		0.0000	0.000	6652.5	0.552	BB	0.290	381.71	0.079
26	5.414		0.0000	0.000	12236.8	1.014	BB	0.068	2987.69	0.615
27	5.585		0.0000	0.000	1799.6	0.149	BB	0.035	865.07	0.178
28	5.643		0.0000	0.000	14981.3	1.242	BB	0.039	6469.92	1.332
29	5.840		0.0000	0.000	866.8	0.072	BB	0.036	400.93	0.083
30	5.928		0.0000	0.000	8407.9	0.697	BB	0.046	3073.57	0.633
31	5.996		0.0000	0.000	7951.9	0.659	BB	0.030	4467.67	0.920
32	6.067		0.0000	0.000	28820.4	2.389	BB	0.050	9556.62	1.967
33	6.168		0.0000	0.000	59277.8	4.914	BB	0.038	25789.92	5.309
34	6.289		0.0000	0.000	7022.0	0.582	BB	0.035	3377.83	0.695
35	6.370		0.0000	0.000	13383.9	1.110	BB	0.031	7250.56	1.492
36	6.441		0.0000	0.000	131826.4	10.929	BB	0.046	47912.75	9.863
37	6.557		0.0000	0.000	32284.0	2.676	BB	0.036	14785.90	3.044
38	6.664		0.0000	0.000	3252.1	0.270	BB	0.023	2308.85	0.475
39	6.711		0.0000	0.000	123075.5	10.203	BB	0.038	54686.67	11.257
40	6.798		0.0000	0.000	38764.1	3.214	BB	0.029	22562.23	4.644
41	6.855		0.0000	0.000	20024.8	1.660	BB	0.029	11471.40	2.361
42	7.017		0.0000	0.000	81710.7	6.774	BB	0.043	31674.24	6.520
43	7.095		0.0000	0.000	22187.2	1.839	BB	0.028	13068.03	2.690
44	7.150		0.0000	0.000	8377.0	0.694	BB	0.026	5399.59	1.111
45	7.279		0.0000	0.000	18194.0	1.508	BB	0.035	8664.17	1.783
46	7.364		0.0000	0.000	223269.2	18.509	BB	0.042	88044.67	18.124
47	7.536		0.0000	0.000	23.5	0.002	BB	0.024	16.48	0.003
48	7.560		0.0000	0.000	418.6	0.035	BB	0.037	188.18	0.039
49	7.699		0.0000	0.000	112563.5	9.332	BB	0.037	50966.31	10.491
50	7.795		0.0000	0.000	24036.9	1.993	BB	0.039	10295.83	2.119
51	8.048		0.0000	0.000	4400.7	0.365	BB	0.061	1207.81	0.249
52	8.209		0.0000	0.000	44797.1	3.714	BB	0.072	10377.93	2.136
53	8.554		0.0000	0.000	59757.6	4.954	BB	0.046	21865.96	4.501
54	8.656		0.0000	0.000	1415.1	0.117	BB	0.033	714.95	0.147
55	8.859		0.0000	0.000	6717.0	0.557	BB	0.116	964.77	0.199
56	9.037		0.0000	0.000	12407.7	1.029	BB	0.053	3909.95	0.805
57	9.208		0.0000	0.000	1110.4	0.092	BB	0.074	250.93	0.052
58	9.375		0.0000	0.000	332.0	0.028	BB	0.052	105.53	0.022
59	9.430	DCB	311.4414	100.000	682.1	0.057	BB	0.040	284.82	0.059
60	9.574		0.0000	0.000	1225.4	0.102	BB	0.093	219.25	0.045
61	9.632		0.0000	0.000	55.3	0.005	BB	0.017	53.59	0.011
62	9.690		0.0000	0.000	92.4	0.008	BB	0.024	63.53	0.013

ASX84 1262

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.797		0.0000	0.000	4029.9	0.334	BB	0.115	585.81	0.121
64	9.919		0.0000	0.000	32978.6	2.734	BB	0.056	9773.81	2.012

Total Area = 1206246.0, Total Amount = 311.441, Total Height = 485801.6, Sample Units = ug/l

ASX04 1263

Sample Name: **5454409MSACF DF250 ADAMSS1MS MS 082470004A 00042**
Acquired from CP02--H2601B via port 2 on 9/8/08 06:38:40pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.16R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.062		0.0000	0.000	4275.1	0.247	BB	0.067	1070.40	0.143
2	2.240		0.0000	0.000	520.6	0.030	BB	0.028	307.47	0.041
3	2.289		0.0000	0.000	1101.1	0.064	BB	0.036	505.78	0.068
4	2.423		0.0000	0.000	642.5	0.037	BB	0.042	256.86	0.034
5	2.506		0.0000	0.000	627.6	0.036	BB	0.035	297.30	0.040
6	2.573		0.0000	0.000	1268.8	0.073	BB	0.031	680.78	0.091
7	2.658		0.0000	0.000	37.9	0.002	BB	0.013	50.19	0.007
8	2.714		0.0000	0.000	5377.9	0.311	BB	0.050	1807.05	0.242
9	2.830		0.0000	0.000	11475.7	0.664	BB	0.074	2588.65	0.346
10	2.924	TCX	243.8510	49.617	1496.2	0.087	BB	0.048	519.63	0.069
11	3.107		0.0000	0.000	1085.3	0.063	BB	0.033	547.61	0.073
12	3.173		0.0000	0.000	693.3	0.040	BB	0.024	485.89	0.065
13	3.223		0.0000	0.000	791.7	0.046	BB	0.044	300.23	0.040
14	3.370		0.0000	0.000	8682.4	0.502	BB	0.043	3344.22	0.447
15	3.557		0.0000	0.000	208.3	0.012	BB	0.085	40.69	0.005
16	3.580		0.0000	0.000	24.9	0.001	BB	0.010	43.69	0.006
17	3.606		0.0000	0.000	424.5	0.025	BB	0.030	237.49	0.032
18	3.691		0.0000	0.000	2490.5	0.144	BB	0.073	570.03	0.076
19	3.831		0.0000	0.000	548.0	0.032	BB	0.047	192.98	0.026
20	3.866		0.0000	0.000	578.5	0.033	BB	0.035	275.54	0.037
21	3.957		0.0000	0.000	102.7	0.006	BB	0.021	82.12	0.011
22	3.991		0.0000	0.000	63.5	0.004	BB	0.017	62.23	0.008
23	4.023		0.0000	0.000	610.9	0.035	BB	0.031	331.65	0.044
24	4.107		0.0000	0.000	1051.9	0.061	BB	0.033	533.37	0.071
25	4.173		0.0000	0.000	391.9	0.023	BB	0.031	207.56	0.028
26	4.257		0.0000	0.000	218.0	0.013	BB	0.069	52.29	0.007
27	4.290		0.0000	0.000	553.2	0.032	BB	0.034	270.51	0.036
28	4.374		0.0000	0.000	422.9	0.024	BB	0.047	150.66	0.020
29	4.423		0.0000	0.000	262.2	0.015	BB	0.035	126.05	0.017
30	4.490		0.0000	0.000	13872.5	0.803	BB	0.256	902.28	0.121
31	4.690		0.0000	0.000	4983.0	0.288	BB	0.085	976.65	0.131
32	4.772		0.0000	0.000	489.5	0.028	BB	0.037	221.31	0.030
33	4.839		0.0000	0.000	650.8	0.038	BB	0.035	311.46	0.042
34	4.896		0.0000	0.000	9407.2	0.544	BB	0.037	4192.82	0.561
35	4.995		0.0000	0.000	1476.7	0.085	BB	0.025	988.50	0.132
36	5.049		0.0000	0.000	27955.4	1.617	BB	0.043	10834.65	1.448
37	5.265		0.0000	0.000	1981.2	0.115	BB	0.048	687.06	0.092
38	5.307		0.0000	0.000	648.3	0.038	BB	0.018	601.25	0.080
39	5.347		0.0000	0.000	4019.0	0.233	BB	0.022	3002.58	0.401
40	5.456		0.0000	0.000	25374.8	1.468	BB	0.035	12070.43	1.614
41	5.492		0.0000	0.000	4146.2	0.240	BB	0.027	2519.49	0.337
42	5.571		0.0000	0.000	88739.4	5.134	BB	0.038	38999.41	5.214
43	5.667		0.0000	0.000	2049.2	0.119	BB	0.018	1848.66	0.247
44	5.705		0.0000	0.000	14189.9	0.821	BB	0.027	8690.98	1.162
45	5.765		0.0000	0.000	161807.6	9.361	BB	0.040	67993.09	9.090
46	5.908		0.0000	0.000	110988.2	6.421	BB	0.037	50366.88	6.733
47	5.976		0.0000	0.000	2622.9	0.152	BB	0.020	2232.07	0.298
48	6.035		0.0000	0.000	14316.4	0.828	BB	0.025	9642.42	1.289
49	6.083		0.0000	0.000	93845.3	5.429	BB	0.028	55320.58	7.396
50	6.124		0.0000	0.000	25731.8	1.489	BB	0.022	19284.94	2.578
51	6.176		0.0000	0.000	22395.3	1.296	BB	0.024	15586.12	2.084
52	6.313		0.0000	0.000	14732.9	0.852	BB	0.036	6753.00	0.903
53	6.380		0.0000	0.000	117179.4	6.779	BB	0.041	47586.25	6.362
54	6.478		0.0000	0.000	33108.0	1.915	BB	0.026	21175.14	2.831
55	6.521		0.0000	0.000	6137.3	0.355	BB	0.019	5444.53	0.728
56	6.557		0.0000	0.000	6874.5	0.398	BB	0.020	5678.23	0.759
57	6.632		0.0000	0.000	336765.0	19.483	BB	0.042	134763.00	18.016
58	6.823		0.0000	0.000	677.2	0.039	BB	0.031	369.57	0.049
59	6.918		0.0000	0.000	33084.9	1.914	BB	0.027	20271.54	2.710
60	6.978		0.0000	0.000	241993.4	14.000	BB	0.041	98327.67	13.145
61	7.191		0.0000	0.000	1588.9	0.092	BB	0.029	907.13	0.121
62	7.258		0.0000	0.000	7380.0	0.427	BB	0.044	2800.08	0.374

ASX04 1264

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.374		0.0000	0.000	40786.1	2.360	BB	0.042	16084.39	2.150
64	7.545		0.0000	0.000	114834.0	6.643	BB	0.047	40864.32	5.463
65	7.699		0.0000	0.000	1858.2	0.108	BB	0.060	512.12	0.068
66	7.812		0.0000	0.000	185.8	0.011	BB	0.015	210.29	0.028
67	7.900		0.0000	0.000	31555.0	1.826	BB	0.058	9098.31	1.216
68	8.225	DCB	247.6198	50.383	881.8	0.051	BB	0.032	455.55	0.061
69	8.364		0.0000	0.000	14637.0	0.847	BB	0.123	1975.67	0.264
70	8.540		0.0000	0.000	46.5	0.003	BB	0.014	55.99	0.007
71	8.572		0.0000	0.000	106.9	0.006	BB	0.027	65.80	0.009
72	8.591		0.0000	0.000	400.8	0.023	BB	0.046	144.14	0.019
73	8.750		0.0000	0.000	566.2	0.033	BB	0.042	222.07	0.030
74	8.872		0.0000	0.000	112.0	0.006	BB	0.020	92.74	0.012
75	8.972		0.0000	0.000	349.5	0.020	BB	0.027	215.07	0.029
76	9.064		0.0000	0.000	978.9	0.057	BB	0.047	347.72	0.046
77	9.173		0.0000	0.000	125.2	0.007	BB	0.037	56.13	0.008
78	9.201		0.0000	0.000	1140.7	0.066	BB	0.039	483.21	0.065
79	9.306		0.0000	0.000	152.3	0.009	BB	0.022	114.79	0.015
80	9.348		0.0000	0.000	239.3	0.014	BB	0.023	173.06	0.023
81	9.441		0.0000	0.000	381.6	0.022	BB	0.032	199.12	0.027
82	9.538		0.0000	0.000	476.5	0.028	BB	0.041	193.71	0.026
83	9.673		0.0000	0.000	68.3	0.004	BB	0.018	61.77	0.008
84	9.723		0.0000	0.000	3643.5	0.211	BB	0.214	284.16	0.038
85	9.940		0.0000	0.000	37757.1	2.184	BB	0.071	8814.16	1.178

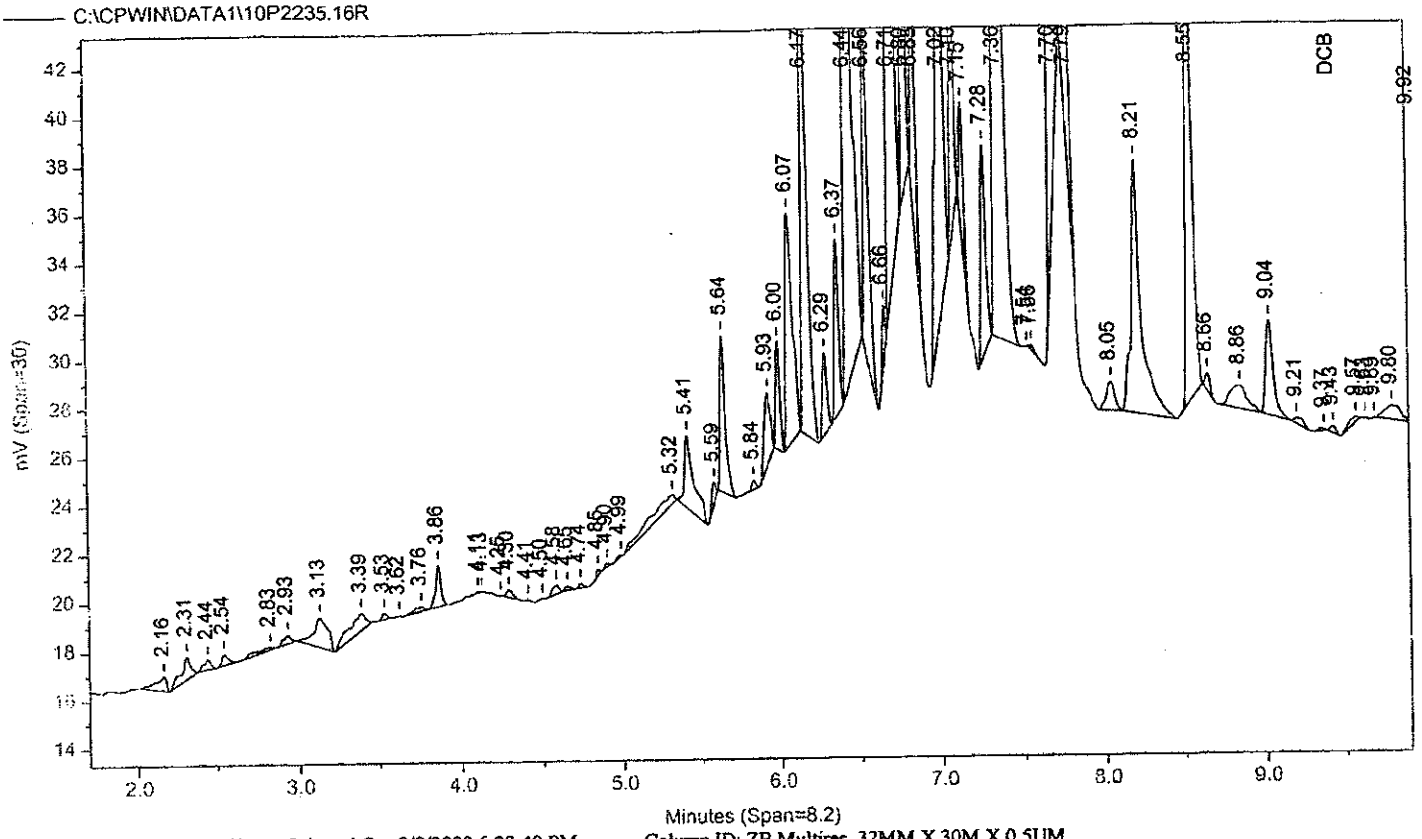
Total Area = 1728523.0, Total Amount = 491.471, Total Height = 748013.1, Sample Units = ug/l

ASX84 1265

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\10P2235.16R

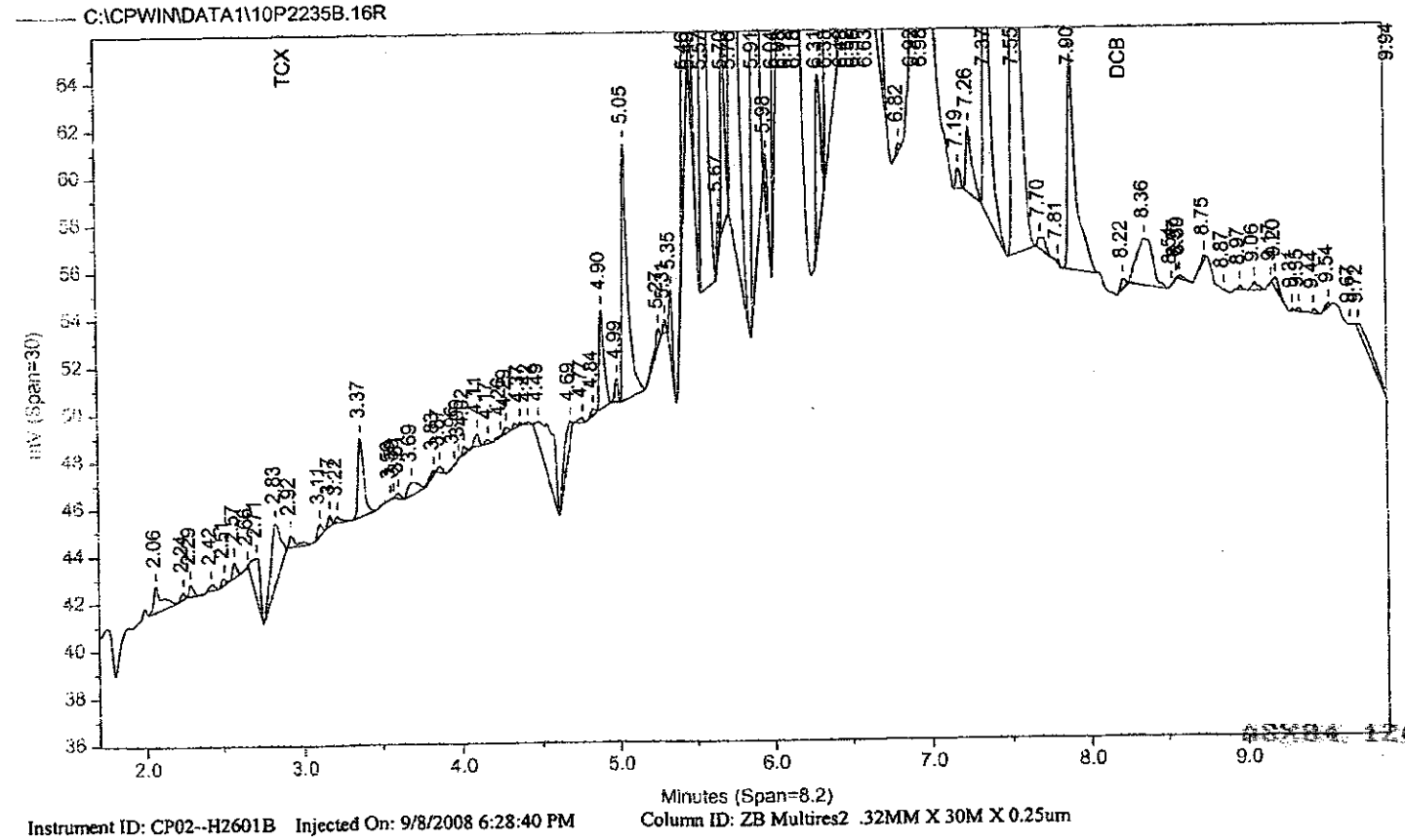
C:\CPWIN\DATA1\10P2235.16R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 6:28:40 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\10P2235B.16R

C:\CPWIN\DATA1\10P2235B.16R



Instrument ID: CP02--H2601B Injected On: 9/8/2008 6:28:40 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01
Calibration Type: External

Width: 0.02

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05
Calibration Type: External

Width: 0.033

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 2500

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
	0		TCX	2.924	520	8.12837	TCX
9.43	285	10.38138	DCB	8.225	456	8.25399	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.16A
Area File: C:\CPWIN\DATA1\10P2235B.16A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 6:38:44 PM
File Reported On: 9/8/2008 at 6:38:50 PM

10X REPLOTS

ASX84 1267

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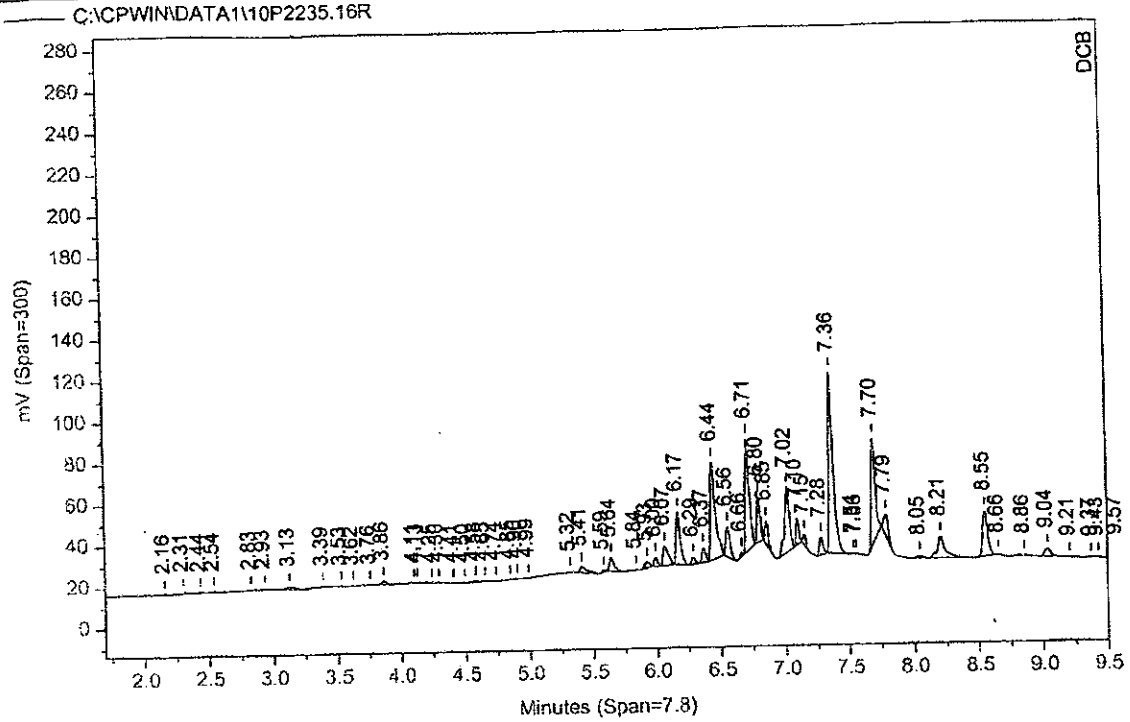

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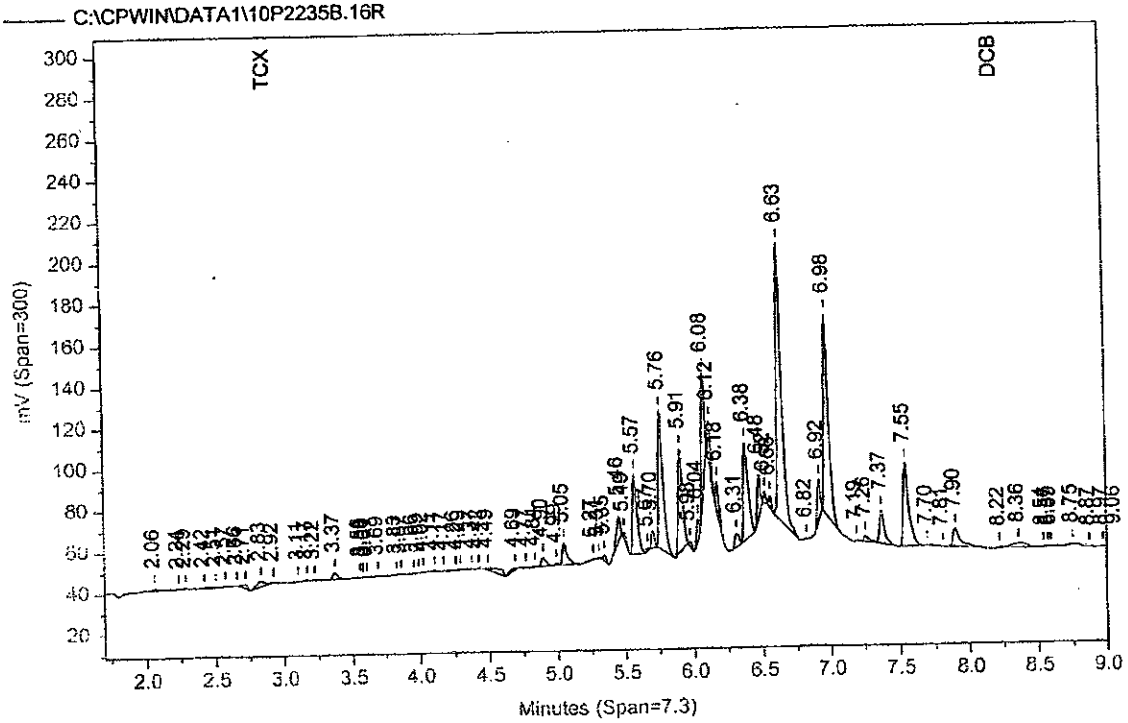

ASX84 126B

Multiple Component Data Summary

Sample Name: 5454409 MSDACF DF250 AMSS1MSD MSD Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2131 SDG: ASX04 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 08, 2008 18:43:06
Instrument H2601A
Result file 10P2235.17R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 0.0% Conc: 0
%SSR(DCB) 91.9% Conc: 9.204858

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**28.58**	
6.03	6.06	6.09	8967.000977	10635.921748			1
6.14	6.17	6.20	24385.43945	14203.914474			2
6.41	6.44	6.47	45309.46093	22568.266925			3
6.68	6.71	6.74	51448.78125	23624.086491			4
6.77	6.80	6.83	21360.73632	17704.548725			5
6.98	7.01	7.04	29750.42773	22624.546325			6

Height summation: **181221.84668**
Concentration CF: **18560.214115** L:

Analysis Report (B)

Injected on Sep 08, 2008 18:43:06
Instrument H2601B
Result file 10P2235B.17R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 76.8% Conc: 7.664978
%SSR(DCB) 90.5% Conc: 9.065075

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.19**	
5.43	5.46	5.49	12277.14453	11358.967392			1
5.54	5.57	5.60	37242.51953	12907.723208			2
5.74	5.76	5.80	63234.34375	18799.964915			3
6.06	6.08	6.12	48954.07421	21660.467899			4
6.35	6.38	6.41	45048.39843	17622.914295			5
7.51	7.54	7.57	37787.15625	20487.612736			6

Height summation: **244543.636719**
Concentration CF: **17139.608408** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<4250	<825			4	15	
Aroclor-1221			<4250	<1300			3	5	
Aroclor-1232			<4250	<825			4	10	
Aroclor-1242			<4250	<825			4	30	
Aroclor-1248			<4250	<825			4	30	
Aroclor-1254			<4250	<825			4	40	
Aroclor-1260	A	18560.214115	4250	825		7.96	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James Hillhart Date: 9-9-08
Verified By: A Carey 1151 Date: 9.10.08

ASX04 1269

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: 5454409 MSDACF DF250 AMSS1MS **Sample ID:** AD **Batchnumber:** 082470004A
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:43:06
Instrument : CP02--H2601A
Result file : 10P2235.17R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *0% Conc.: 0
%SSR(DCB) : 91.9% Conc.: 9.204858

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	173.38	
3.73	3.76	3.79	210.53952	259.708333			1
4.26	4.29	4.32	231.522247	231.792981			2
4.55	4.58	4.61	358.174133	160.720448			3
4.71	4.74	4.77	220.075821	240.160963			4
5.38	5.41	5.44	3154.125488	4069.570485			6
Height Summation:			4174.437209				
Amount Avg CF:			992.390642	Linear:			
Aroclor-1221					1		
3.72	3.76	3.78	210.53952	182.950574			3
Height Summation:			210.539520				
Amount Avg CF:			182.950574	Linear:			
Aroclor-1232					5	214.16	
3.72	3.76	3.78	210.53952	221.303734			1
4.26	4.29	4.32	231.522247	483.546882			2
4.55	4.58	4.61	358.174133	329.464589			3
4.70	4.74	4.76	220.075821	516.973975			4
5.38	5.41	5.44	3154.125488	44324.416639			6
Height Summation:			4174.437209				
Amount Avg CF:			9175.141164	Linear:			
Aroclor-1242					5	205.97	
3.73	3.76	3.79	210.53952	310.722749			1
4.26	4.29	4.32	231.522247	289.128137			2
4.55	4.58	4.61	358.174133	202.977521			3
4.71	4.74	4.77	220.075821	307.016854			4
5.38	5.41	5.44	3154.125488	16474.070239			6
Height Summation:			4174.437209				
Amount Avg CF:			3516.7831	Linear:			
Aroclor-1248					4	62.63	
4.55	4.58	4.61	358.174133	321.715297			1
5.62	5.64	5.68	7735.442383	6225.603936			4
5.96	5.99	6.02	4323.188965	6589.294937			5
6.26	6.29	6.32	3204.467041	6905.226523			6
Height Summation:			15621.272522				
Amount Avg CF:			5010.460173	Linear:			
Aroclor-1254					5	110.61	
5.61	5.64	5.67	7735.442383	5041.246826			2
5.96	5.99	6.02	4323.188965	1968.27163			3
6.26	6.29	6.32	3204.467041	1933.067136			4
6.52	6.56	6.58	14199.96386	12608.96273			5
6.68	6.71	6.74	51448.78125	27739.415019			6
Height Summation:			80911.843506				
Amount Avg CF:			9858.192668	Linear:			
Aroclor-1260					6	28.58	
6.03	6.06	6.09	8967.000977	10635.921748			1
6.14	6.17	6.20	24385.43945	14203.914474			2
6.41	6.44	6.47	45309.46093	22568.266925			3
6.68	6.71	6.74	51448.78125	23624.086491			4
6.77	6.80	6.83	21360.73632	17704.548725			5
6.98	7.01	7.04	29750.42773	22624.546325			6
Height Summation:			181221.846680				
Amount Avg CF:			18560.214115	Linear:			

Diluted out

Analysis Report (B)

Injected on : SEP 08, 2008 18:43:06
Instrument : CP02--H2601B
Result file : 10P2235B.17R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 76.8% Conc.: 7.664978
%SSR(DCB) : 90.5% Conc.: 9.065075

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	165.43	
3.32	3.37	3.38	3264.518555	2167.692276			1
3.65	3.71	3.71	183.105774	81.109977			2
3.84	3.89	3.90	273.246552	160.428716			3
4.08	4.12	4.14	647.060791	169.618216			4
4.35	4.38	4.41	163.000885	160.173376			5
Height Summation:			4530.932557				
Amount Avg CF:			547.804512	Linear:			
Aroclor-1221					2	68.29	
3.14	3.17	3.20	457.199738	544.363169			1
3.32	3.37	3.38	3264.518555	1560.95486			3
Height Summation:			3721.718293				
Amount Avg CF:			1052.659015	Linear:			
Aroclor-1232					3	105.07	
3.32	3.37	3.38	3264.518555	1883.564446			1
4.07	4.12	4.13	647.060791	327.433402			4
4.34	4.38	4.40	163.000885	342.237518			5
Height Summation:			4074.580231				
Amount Avg CF:			851.078455	Linear:			
Aroclor-1242					5	163.82	
3.32	3.37	3.38	3264.518555	2594.841787			1
3.65	3.71	3.71	183.105774	102.428774			2
3.84	3.89	3.90	273.246552	197.927298			3
4.08	4.12	4.14	647.060791	214.831899			4
4.35	4.38	4.41	163.000885	192.891325			5
Height Summation:			4530.932557				
Amount Avg CF:			660.584217	Linear:			
Aroclor-1248					4	114.26	
4.14	4.17	4.20	132.468475	309.12501			1
4.35	4.38	4.41	163.000885	143.826205			2
4.52	4.54	4.58	1594.789673	807.010528			3
4.87	4.90	4.93	4086.074219	2482.167246			5
Height Summation:			5976.333252				
Amount Avg CF:			935.532247	Linear:			
Aroclor-1254					6	146.94	
5.24	5.26	5.30	822.024902	722.417617			1
5.32	5.34	5.38	4211.033203	2061.7094			2
5.41	5.46	5.47	12277.14453	3304.069406			3
5.64	5.67	5.70	1841.431885	703.923541			4
5.94	5.98	6.00	2100.045898	1383.217316			5
6.05	6.08	6.11	48954.07421	15848.367867			6
Height Summation:			70205.754638				
Amount Avg CF:			4003.950858	Linear:			
Aroclor-1260					6	24.19	
5.43	5.46	5.49	12277.14453	11358.967392			1
5.54	5.57	5.60	37242.51953	12907.723208			2
5.74	5.76	5.80	63234.34375	18799.964915			3
6.06	6.08	6.12	48954.07421	21660.467899			4
6.35	6.38	6.41	45048.39843	17622.914295			5
7.51	7.54	7.57	37787.15625	20487.612736			6
Height Summation:			244543.636719				
Amount Avg CF:			17139.608408	Linear:			

ASX04 1278

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:27:54

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454409** MSDACF DF250 AMSS1MS Sample ID: AD **Batchnumber: 082470004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX04 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 08, 2008 18:43:06
Instrument : CP02--H2601A
Result file : 10P2235.17R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**51.09**	
6.03	6.06	6.09	8967.000977	9016.374645			1
6.13	6.17	6.19	24385.43945	15569.50973			2
6.40	6.44	6.46	45309.46093	26331.675039			3
6.67	6.71	6.73	51448.78125	33132.038552			4
6.76	6.80	6.82	21360.73632	10083.413926			5
6.98	7.01	7.04	29750.42773	16935.621957			6
Height Summation:			**181221.846680**				
Amount Avg CF:			**18511.438975**	Linear:			
Aroclor-1268					**5**	**71.12**	
6.76	6.80	6.82	21360.73632	22567.673564			1
7.00	7.01	7.06	29750.42773	25913.562078			2
7.66	7.70	7.72	45807.44531	10210.816257			3
8.01	8.04	8.07	507.468628	137.112298			4
8.51	8.55	8.57	19716.84960	13325.926941			6
Height Summation:			**117142.927612**				
Amount Avg CF:			**14431.018228**	Linear:			

Analysis Report (B)

Injected on : SEP 08, 2008 18:43:06
Instrument : CP02--H2601B
Result file : 10P2235B.17R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**77.85**	
6.05	6.08	6.11	48954.07421	39764.240713			1
6.14	6.18	6.20	15667.08691	15476.85776			2
6.44	6.48	6.50	20298.69140	13760.539793			3
6.88	6.92	6.94	18953.42968	6949.675138			4
7.34	7.37	7.40	15393.95703	13355.867376			5
7.86	7.90	7.92	7633.307129	5839.651921			6
Height Summation:			**126900.546387**				
Amount Avg CF:			**15857.80545**	Linear:			
Aroclor-1268					**6**	**160.17**	
6.10	6.12	6.16	17638.84570	10828.93008			1
6.35	6.38	6.41	45048.39843	21737.233126			2
E 6.60	6.63	6.66	127012.6093	140698.897667			3
6.94	6.97	7.00	93043.875	13730.177218			4
7.16	7.19	7.22	719.86322	104.619007			5
7.51	7.54	7.57	37787.15625	11929.137626			6
Height Summation:			**321250.747986**				
Amount Avg CF:			**33171.499121**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4250	825		** 57.73	4	15	
Aroclor-1221			4250	825		** 140.77	3	5	
			4250	1300					
Aroclor-1232			4250	825		** 166.05	4	10	
Aroclor-1242			4250	825		** 136.75	4	30	
Aroclor-1248			4250	825		** 137.06	4	30	
Aroclor-1254			4250	825		** 84.46	4	40	
Aroclor-1260			4250	825		7.96	4	40	
Aroclor-1262			4250	825		15.44	4	40	
Aroclor-1268			4250	825		** 78.74	4	40	

Units: _____

ASX84 1271

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/9/08 08:27:54

Sample Name: **5454409MSDACF DF250 ADAMSS1MSD MSD 082470004A 00042**
Acquired from CP02--H2601A via port 1 on 9/8/08 06:53:06pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235.17R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\2P2235.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.156		0.0000	0.000	2600.3	0.229	BB	0.080	538.98	0.119
2	2.247		0.0000	0.000	660.5	0.058	BB	0.043	254.37	0.056
3	2.300		0.0000	0.000	1269.8	0.112	BB	0.036	590.42	0.130
4	2.404		0.0000	0.000	165.9	0.015	BB	0.026	106.03	0.023
5	2.435		0.0000	0.000	556.3	0.049	BB	0.029	321.11	0.071
6	2.539		0.0000	0.000	1214.2	0.107	BB	0.043	465.79	0.102
7	2.710		0.0000	0.000	245.9	0.022	BB	0.046	89.92	0.020
8	2.797		0.0000	0.000	721.6	0.064	BB	0.057	212.27	0.047
9	2.929		0.0000	0.000	1316.9	0.116	BB	0.060	365.32	0.080
10	3.025		0.0000	0.000	767.8	0.068	BB	0.032	401.81	0.088
11	3.123		0.0000	0.000	6809.7	0.600	BB	0.092	1238.83	0.273
12	3.385		0.0000	0.000	7737.8	0.682	BB	0.122	1060.37	0.233
13	3.528		0.0000	0.000	1033.1	0.091	BB	0.046	376.98	0.083
14	3.631		0.0000	0.000	47.2	0.004	BB	0.032	24.60	0.005
15	3.760		0.0000	0.000	896.6	0.079	BB	0.071	210.54	0.046
16	3.860		0.0000	0.000	3549.9	0.313	BB	0.038	1574.25	0.346
17	3.977		0.0000	0.000	155.5	0.014	BB	0.042	62.02	0.014
18	4.032		0.0000	0.000	84.8	0.007	BB	0.028	51.35	0.011
19	4.119		0.0000	0.000	1479.8	0.130	BB	0.071	349.65	0.077
20	4.244		0.0000	0.000	95.4	0.008	BB	0.020	78.11	0.017
21	4.294		0.0000	0.000	646.4	0.057	BB	0.047	231.52	0.051
22	4.489		0.0000	0.000	149.5	0.013	BB	0.037	67.74	0.015
23	4.579		0.0000	0.000	1028.6	0.091	BB	0.048	358.17	0.079
24	4.643		0.0000	0.000	203.3	0.018	BB	0.025	136.92	0.030
25	4.742		0.0000	0.000	539.4	0.048	BB	0.041	220.08	0.048
26	4.903		0.0000	0.000	1098.0	0.097	BB	0.049	371.60	0.082
27	5.321		0.0000	0.000	9037.6	0.797	BB	0.216	698.96	0.154
28	5.413		0.0000	0.000	17260.8	1.521	BB	0.091	3154.13	0.694
29	5.642		0.0000	0.000	28249.0	2.490	BB	0.061	7735.44	1.702
30	5.747		0.0000	0.000	327.8	0.029	BB	0.022	244.71	0.054
31	5.838		0.0000	0.000	577.2	0.051	BB	0.026	375.25	0.083
32	5.927		0.0000	0.000	8047.5	0.709	BB	0.046	2894.25	0.637
33	5.994		0.0000	0.000	7419.0	0.654	BB	0.029	4323.19	0.951
34	6.064		0.0000	0.000	27069.0	2.386	BB	0.050	8967.00	1.973
35	6.166		0.0000	0.000	57175.3	5.040	BB	0.039	24385.44	5.364
36	6.288		0.0000	0.000	6502.6	0.573	BB	0.034	3204.47	0.705
37	6.366		0.0000	0.000	13167.4	1.161	BB	0.028	7738.03	1.702
38	6.438		0.0000	0.000	127842.0	11.269	BB	0.047	45309.46	9.967
39	6.557		0.0000	0.000	30840.8	2.718	BB	0.036	14199.96	3.124
40	6.660		0.0000	0.000	3393.3	0.299	BB	0.025	2298.87	0.506
41	6.708		0.0000	0.000	115186.6	10.153	BB	0.037	51448.78	11.318
42	6.797		0.0000	0.000	35284.3	3.110	BB	0.028	21360.74	4.699
43	6.853		0.0000	0.000	17139.7	1.511	BB	0.028	10138.76	2.230
44	7.015		0.0000	0.000	76437.3	6.738	BB	0.043	29750.43	6.544
45	7.095		0.0000	0.000	20474.6	1.805	BB	0.029	11828.98	2.602
46	7.149		0.0000	0.000	7678.3	0.677	BB	0.025	5181.25	1.140
47	7.277		0.0000	0.000	16996.6	1.498	BB	0.034	8366.07	1.840
48	7.362		0.0000	0.000	205049.3	18.074	BB	0.043	80171.47	17.636
49	7.552		0.0000	0.000	294.1	0.026	BB	0.038	130.53	0.029
50	7.700		0.0000	0.000	101946.7	8.986	BB	0.037	45807.45	10.077
51	7.793		0.0000	0.000	19651.1	1.732	BB	0.037	8862.57	1.950
52	7.927		0.0000	0.000	427.5	0.038	BB	0.033	212.97	0.047
53	7.996		0.0000	0.000	78.0	0.007	BB	0.015	87.99	0.019
54	8.044		0.0000	0.000	1137.1	0.100	BB	0.037	507.47	0.112
55	8.207		0.0000	0.000	31934.2	2.815	BB	0.057	9260.85	2.037
56	8.441		0.0000	0.000	713.8	0.063	BB	0.056	212.07	0.047
57	8.549		0.0000	0.000	53411.3	4.708	BB	0.045	19716.85	4.337
58	8.650		0.0000	0.000	1275.8	0.112	BB	0.030	711.90	0.157
59	8.854		0.0000	0.000	2400.3	0.212	BB	0.117	340.49	0.075
60	9.034		0.0000	0.000	25762.9	2.271	BB	0.090	4748.68	1.045
61	9.312		0.0000	0.000	549.9	0.048	BB	0.068	134.89	0.030
62	9.423	DCB	276.1457	100.000	504.2	0.044	BB	0.033	252.54	0.056

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.565		0.0000	0.000	3551.4	0.313	BB	0.115	515.39	0.113
64	9.847		0.0000	0.000	3047.5	0.269	BB	0.118	431.31	0.095
65	9.918		0.0000	0.000	21586.4	1.903	BB	0.039	9122.69	2.007

Total Area = 1134502.0, Total Amount = 276.146, Total Height = 454591.0, Sample Units = ug/l

Sample Name: **5454409MSDACF DF250 ADAMSS1MSD MSD 082470004A 00042**
Acquired from CP02--H2601B via port 2 on 9/8/08 06:53:06pm by 2280
ZB Multires2 .32MM X 30M X 0.25um
140 to 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\10P2235B.17R**
Method File: C:\CPWIN\DATA1\PESTDB.MET
Calibration File: C:\CPWIN\DATA1\2P2235B.CAL

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
1	2.027		0.0000	0.000	46.5	0.003	BB	0.015	51.28	0.007
2	2.059		0.0000	0.000	1229.1	0.076	BB	0.028	723.29	0.102
3	2.125		0.0000	0.000	712.6	0.044	BB	0.054	218.08	0.031
4	2.237		0.0000	0.000	577.8	0.036	BB	0.029	328.48	0.047
5	2.284		0.0000	0.000	1010.8	0.062	BB	0.033	517.24	0.073
6	2.503		0.0000	0.000	330.1	0.020	BB	0.032	171.68	0.024
7	2.572		0.0000	0.000	1134.7	0.070	BB	0.033	568.21	0.081
8	2.643		0.0000	0.000	113.7	0.007	BB	0.025	74.61	0.011
9	2.693		0.0000	0.000	7904.6	0.487	BB	0.072	1839.44	0.261
10	2.827		0.0000	0.000	8236.3	0.507	BB	0.061	2236.27	0.317
11	2.885		0.0000	0.000	641.1	0.039	BB	0.024	436.81	0.062
12	2.923 TCX		229.9493	45.816	718.1	0.044	BB	0.024	490.01	0.069
13	2.975		0.0000	0.000	276.0	0.017	BB	0.035	130.75	0.019
14	3.104		0.0000	0.000	2407.6	0.148	BB	0.037	1086.27	0.154
15	3.168		0.0000	0.000	643.1	0.040	BB	0.023	457.20	0.065
16	3.223		0.0000	0.000	555.6	0.034	BB	0.055	168.21	0.024
17	3.368		0.0000	0.000	8664.0	0.534	BB	0.044	3264.52	0.463
18	3.510		0.0000	0.000	163.3	0.010	BB	0.060	45.34	0.006
19	3.551		0.0000	0.000	390.0	0.024	BB	0.036	178.42	0.025
20	3.617		0.0000	0.000	291.5	0.018	BB	0.032	150.29	0.021
21	3.709		0.0000	0.000	931.4	0.057	BB	0.085	183.11	0.026
22	3.826		0.0000	0.000	1316.3	0.081	BB	0.061	357.17	0.051
23	3.893		0.0000	0.000	734.7	0.045	BB	0.045	273.25	0.039
24	3.960		0.0000	0.000	45.9	0.003	BB	0.014	56.50	0.008
25	3.993		0.0000	0.000	62.3	0.004	BB	0.015	67.43	0.010
26	4.025		0.0000	0.000	477.9	0.029	BB	0.027	294.64	0.042
27	4.115		0.0000	0.000	1556.2	0.096	BB	0.040	647.06	0.092
28	4.166		0.0000	0.000	187.6	0.012	BB	0.024	132.47	0.019
29	4.226		0.0000	0.000	518.0	0.032	BB	0.039	222.43	0.032
30	4.309		0.0000	0.000	261.8	0.016	BB	0.072	60.49	0.009
31	4.344		0.0000	0.000	301.5	0.019	BB	0.022	229.57	0.033
32	4.376		0.0000	0.000	235.6	0.015	BB	0.024	163.00	0.023
33	4.493		0.0000	0.000	673.6	0.041	BB	0.039	290.09	0.041
34	4.544		0.0000	0.000	14800.7	0.912	BB	0.155	1594.79	0.226
35	4.778		0.0000	0.000	21657.7	1.334	BB	1.735	208.09	0.029
36	4.826		0.0000	0.000	217.1	0.013	BB	0.060	60.47	0.009
37	4.843		0.0000	0.000	74.7	0.005	BB	0.014	88.45	0.013
38	4.895		0.0000	0.000	10330.2	0.636	BB	0.042	4086.07	0.579
39	4.994		0.0000	0.000	1173.3	0.072	BB	0.024	823.80	0.117
40	5.049		0.0000	0.000	27664.8	1.704	BB	0.044	10400.53	1.474
41	5.261		0.0000	0.000	2173.4	0.134	BB	0.044	822.02	0.116
42	5.307		0.0000	0.000	940.3	0.058	BB	0.020	800.06	0.113
43	5.344		0.0000	0.000	5590.3	0.344	BB	0.022	4211.03	0.597
44	5.456		0.0000	0.000	28087.6	1.730	BB	0.038	12277.14	1.740
45	5.491		0.0000	0.000	3447.9	0.212	BB	0.027	2166.11	0.307
46	5.570		0.0000	0.000	84749.2	5.220	BB	0.038	37242.52	5.277
47	5.666		0.0000	0.000	2183.4	0.134	BB	0.020	1841.43	0.261
48	5.704		0.0000	0.000	13250.5	0.816	BB	0.027	8156.43	1.156
49	5.765		0.0000	0.000	152340.1	9.383	BB	0.040	63234.34	8.960
50	5.908		0.0000	0.000	105366.4	6.490	BB	0.037	47287.18	6.700
51	5.976		0.0000	0.000	2458.1	0.151	BB	0.020	2100.05	0.298
52	6.033		0.0000	0.000	13961.7	0.860	BB	0.025	9365.64	1.327
53	6.082		0.0000	0.000	82536.1	5.083	BB	0.028	48954.07	6.936
54	6.122		0.0000	0.000	24816.7	1.528	BB	0.023	17638.85	2.499
55	6.175		0.0000	0.000	23573.6	1.452	BB	0.025	15667.09	2.220
56	6.312		0.0000	0.000	13295.5	0.819	BB	0.036	6138.64	0.870
57	6.380		0.0000	0.000	111406.6	6.862	BB	0.041	45048.40	6.383
58	6.476		0.0000	0.000	32772.5	2.018	BB	0.027	20298.69	2.876
59	6.520		0.0000	0.000	6247.3	0.385	BB	0.019	5469.29	0.775
60	6.557		0.0000	0.000	6203.5	0.382	BB	0.020	5172.96	0.733
61	6.631		0.0000	0.000	312727.6	19.261	BB	0.041	127012.60	17.996
62	6.816		0.0000	0.000	738.7	0.045	BB	0.032	383.62	0.054

6SXB4 1274

5454409MSDACF DF250 ADAMSS1MSD MSD 082470004A 00042

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.916		0.0000	0.000	32133.7	1.979	BB	0.028	18953.43	2.685
64	6.974		0.0000	0.000	223630.4	13.773	BB	0.040	93043.88	13.183
65	7.193		0.0000	0.000	1009.4	0.062	BB	0.023	719.86	0.102
66	7.257		0.0000	0.000	6957.3	0.429	BB	0.042	2793.51	0.396
67	7.373		0.0000	0.000	38392.7	2.365	BB	0.042	15393.96	2.181
68	7.543		0.0000	0.000	101398.8	6.245	BB	0.045	37787.16	5.354
69	7.711		0.0000	0.000	19.2	0.001	BB	0.006	52.04	0.007
70	7.727		0.0000	0.000	57.7	0.004	BB	0.014	70.62	0.010
71	7.761		0.0000	0.000	92.7	0.006	BB	0.025	63.06	0.009
72	7.793		0.0000	0.000	170.3	0.010	BB	0.043	65.55	0.009
73	7.818		0.0000	0.000	545.5	0.034	BB	0.026	354.33	0.050
74	7.899		0.0000	0.000	19769.7	1.218	BB	0.043	7633.31	1.082
75	8.094		0.0000	0.000	193.9	0.012	BB	0.040	80.77	0.011
76	8.126		0.0000	0.000	257.4	0.016	BB	0.030	143.44	0.020
77	8.177		0.0000	0.000	251.2	0.015	BB	0.025	167.73	0.024
78	8.210	DCB	271.9522	54.184	1000.9	0.062	BB	0.033	500.31	0.071
79	8.477		0.0000	0.000	113.9	0.007	BB	0.030	63.59	0.009
80	8.526		0.0000	0.000	171.0	0.011	BB	0.052	54.84	0.008
81	8.544		0.0000	0.000	25.9	0.002	BB	0.008	55.22	0.008
82	8.560		0.0000	0.000	964.9	0.059	BB	0.061	262.96	0.037
83	8.760		0.0000	0.000	763.7	0.047	BB	0.112	114.14	0.016
84	8.776		0.0000	0.000	84.6	0.005	BB	0.011	123.99	0.018
85	8.843		0.0000	0.000	3505.3	0.216	BB	0.105	555.41	0.079
86	9.159		0.0000	0.000	3167.9	0.195	BB	0.109	483.61	0.069
87	9.344		0.0000	0.000	2687.6	0.166	BB	0.078	572.86	0.081
88	9.510		0.0000	0.000	11.3	0.001	BB	0.005	34.46	0.005
89	9.577		0.0000	0.000	1389.6	0.086	BB	0.062	372.98	0.053
90	9.660		0.0000	0.000	50.9	0.003	BB	0.010	83.65	0.012
91	9.694		0.0000	0.000	108.3	0.007	BB	0.043	42.43	0.006
92	9.926		0.0000	0.000	36575.1	2.253	BB	0.058	10463.70	1.483

Total Area = 1623636.0, Total Amount = 501.902, Total Height = 705770.7, Sample Units = ug/l

ASX04 1275

5454409MSDACF DF250 ADAMSS1MSD MSD 082470004A 00042

LANCASTER LABORATORIES

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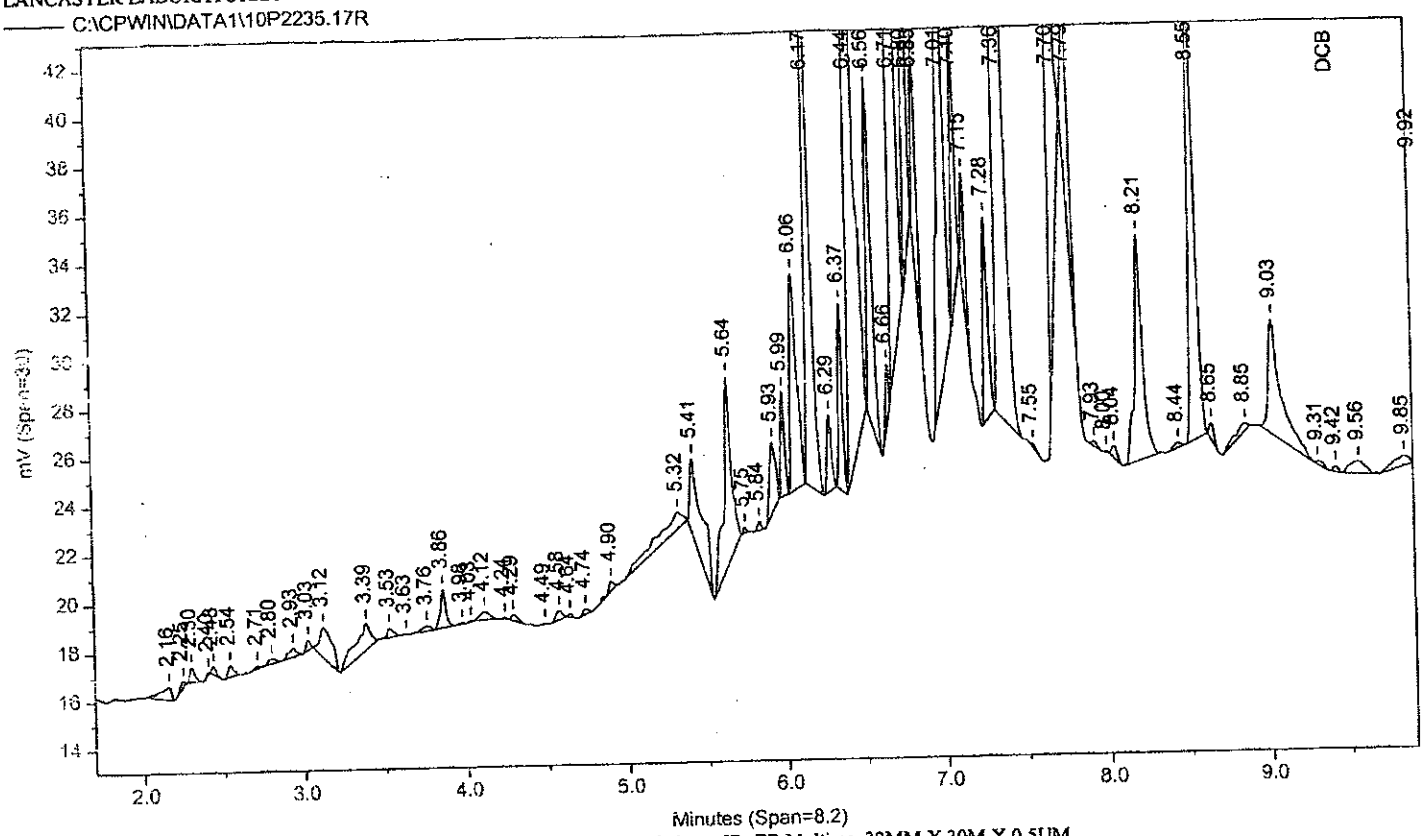
C:\CPWIN\DATA1\10P2235.17R



Instrument ID: CP02--H2601A Injected On: 9/8/2008 6:43:06 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

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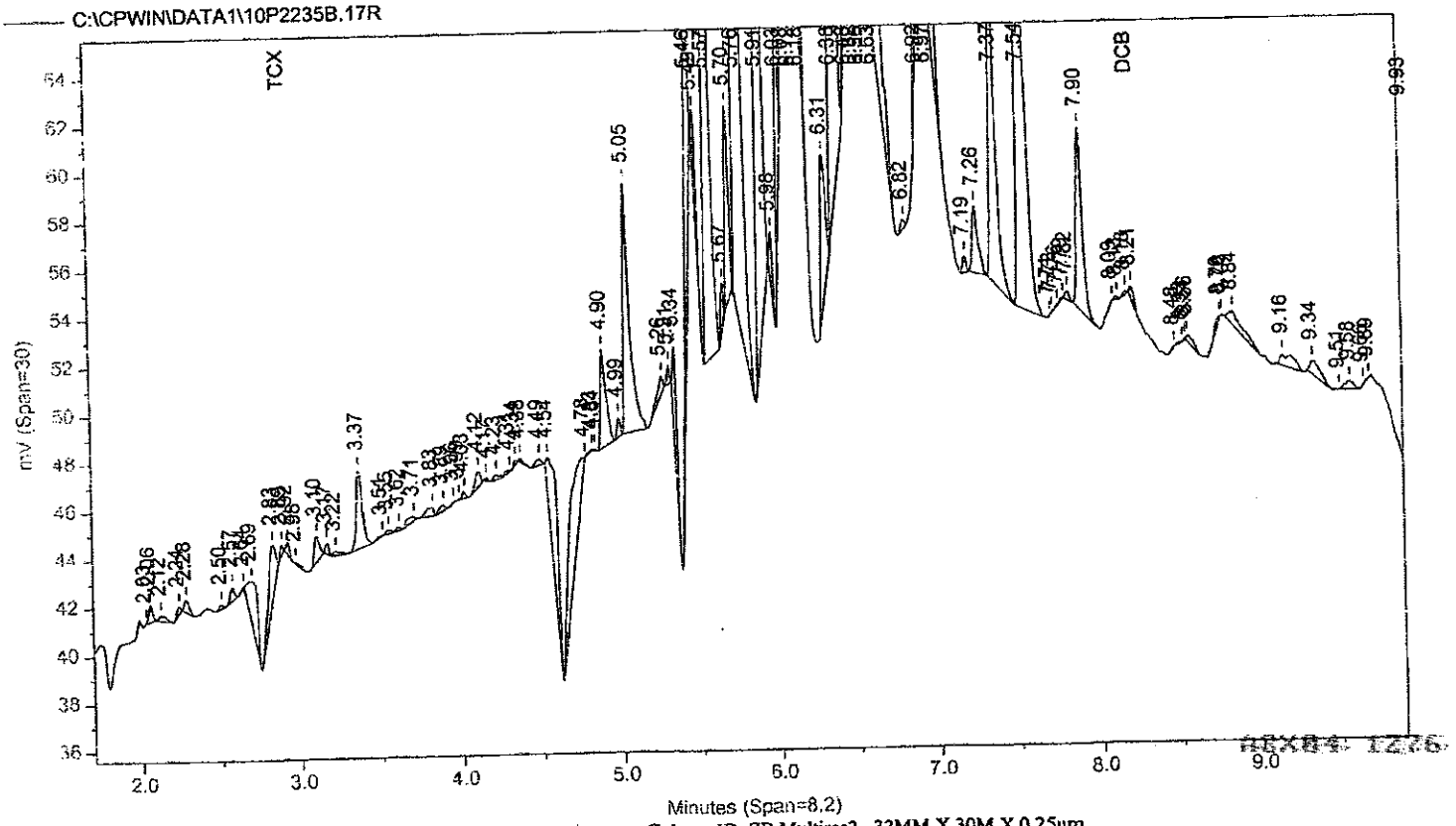

Instrument ID: CP02--H2601B Injected On: 9/8/2008 6:43:06 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

Oven Parameters: 140 TO 250 @25C/MIN TO 300 @20 hold 3 min

Volume Inj: 1

Detector A Parameters:
Threshold: 0.01
Width: 0.02
Calibration Type: External

Area Reject: 0
Quantitation: Height

Detector B Parameters:
Threshold: 0.05
Width: 0.033
Calibration Type: External

Area Reject: 0
Quantiation: Height

Sample Weight: 30
Analyst: 2280

Dilution Factor: 2500

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
.	0	.	TCX	2.923	490	7.66498	TCX
9.423	253	9.20486	DCB	8.21	500	9.06507	DCB

Files:
Area File: C:\CPWIN\DATA1\10P2235.17A
Area File: C:\CPWIN\DATA1\10P2235B.17A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\2P2235.CAL
Calibration File B: C:\CPWIN\DATA1\2P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 9/8/2008 6:53:10 PM
File Reported On: 9/8/2008 at 6:53:16 PM

10X REPLOTS

ASX84 1277

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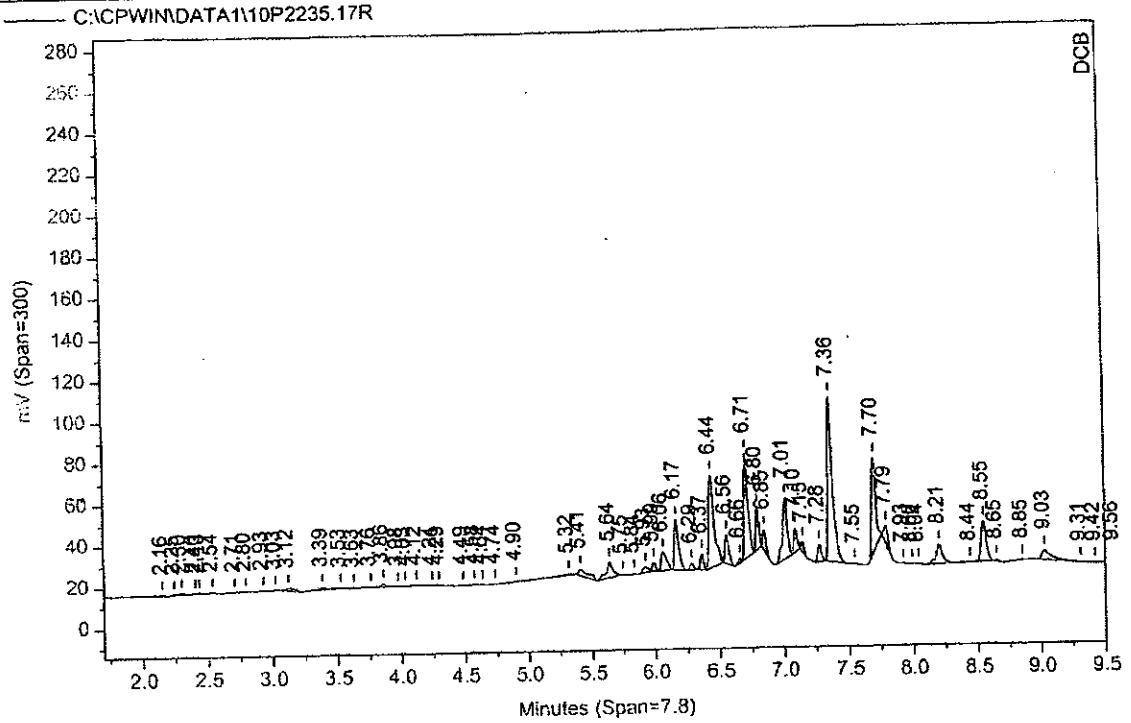

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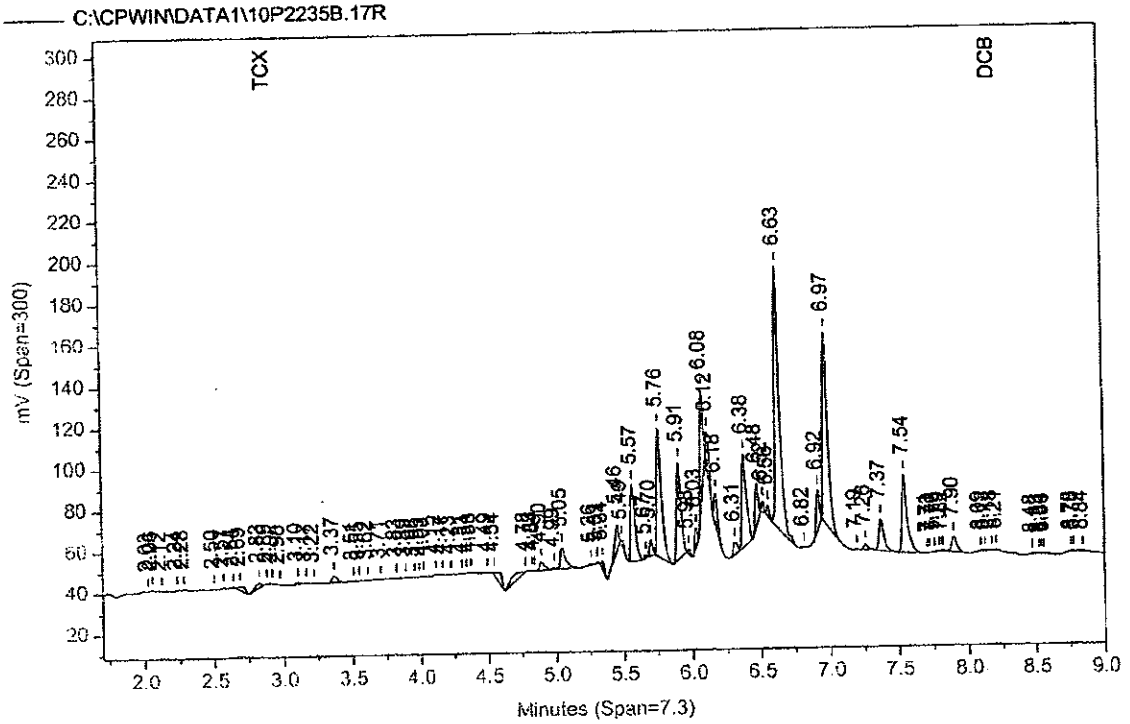


Extraction/Distillation/Digestion Logs

ASX84 1279

Organic Extraction Batchlog

082470004A

Reviewed By: TB
Tech 1: SLA 504
Start Date: 9/4/08 Start Time: 7:15
Tech 2:

Prep Group # 101 PCB soils Dept: 24 Prep Analysis # 00819 Solid Sample Pesticide Extract

QC	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANKA	PBLK25	30	SS0823124A	1.0			10.0	NA	NA		
LCSA	LCSEC	30	SS0823124A		MS0821724B	1.0					
5454409MS	AMSS1MS	30	SS0823124A		MS0821724B					3GA	moist, gritty
5454409MSD	AMSS1MSD	30	SS0823124A		MS0821724B					2GA	with stones

Solvent Used	Lot No.
1:1 Mecl2/Acetone	185012708
Filter paper	511374818
Hexane	629E48
Sodium Sulfate	08247A

Spike Solutions: **Witness:** QP2140

SS0823124A SW846 SURROGATE STANDARD
MS0821724B PCB SPIKE

	Sample #	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5454409 bkg	AMSS1	30	SS0823124A	1.0	10.0	NA	NA	3GA	moist, gritty with stones	1216	9/10/2008	N
2	5454410	AMSS2	30	SS0823124A							1216	9/10/2008	N
3	5454411	AMSS3	30	SS0823124A							1216	9/10/2008	N
4	5454412	AMSS4	30	SS0823124A							1216	9/10/2008	N
5	5454414	AMSSX	30	SS0823124A							1216	9/10/2008	N
6	5454415	AMSS6	30	SS0823124A							1216	9/10/2008	N
7	5454416	AMSS7	30	SS0823124A							1216	9/10/2008	N
8	5454417	AMSS8	30	SS0823124A							1216	9/10/2008	N
9	5454418	AMSS9	30	SS0823124A							1216	9/10/2008	N
10	5454419	AMS10	30	SS0823124A							1216	9/10/2008	N
11	5454420	AMS11	30	SS0823124A							1216	9/10/2008	N
12	5454421	AMS12	30	SS0823124A							1216	9/10/2008	N
13	5454422	AMS13	30	SS0823124A							1216	9/10/2008	N
14	5454423	AMS14	30	SS0823124A							1216	9/10/2008	N
15	5454426	AMS16	30	SS0823124A							1216	9/10/2008	N
16	5454427	AMS17	30	SS0823124A							1216	9/10/2008	N
17	5454428	AMS18	30	SS0823124A							1216	9/10/2008	N
18	5457156	CLAS1	30	SS0823124A					2/A		1216	9/10/2008	S
19	5457159	CLAS2	30	SS0823124A					2/A		1216	9/10/2008	S
20													

SLA 9/4/08

Rack ID:		Work Station:	Son 3
Internal Standard		Balance #	$29 10

S-bath ID	6	96 °C	S-bath ID	°C	N-Evap	°C	M-vap	°C

082470004A

Documented temps are NIST corrected.

DF = Dilution Factor FV = Final Volume

Prep-Process Worksheet

Acid Cleanup

Prep Analysis # 00819 Solid Sample Pesticide Extract

Prep Group # 101 PCB soils

Verified: [illegible]
Start Date: 9/5/08
Start Time: 1230
Tech 1: SLA SOX
Tech 2:

BATCH NO. 082470004A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	10.0	10.0				
2	LCSA						
3	5454409MS						1216
4	5454409MSD						1216
5	5454409						1216
6	5454410						1216
7	5454411						1216
8	5454412						1216
9	5454414						1216
10	5454415						1216
11	5454416						1216
12	5454417						1216
13	5454418						1216
14	5454419						1216
15	5454420						1216
16	5454421						1216
17	5454422						1216
18	5454423						1216
19	5454426						1216
20	5454427						1216
21	5454428						1216
22	5457156						1216
23	5457159						1216
24							

SLA 9/5/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Hexane	087658

ASX84 1281

Prep-Process Worksheet

Florisil

Prep Analysis # 00819 Solid Sample Pesticide Extract

Prep Group # 101 PCB soils

Verified: [illegible]
Start Date: 9/5/08
Start Time: 10 0 Am
Tech 1: SLA SUY
Tech 2:

BATCH NO. 082470004A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	2.0	2.0				
2	LCSA						
3	5454409MS						1216
4	5454409MSD						1216
5	5454409						1216
6	5454410						1216
7	5454411						1216
8	5454412						1216
9	5454414						1216
10	5454415						1216
11	5454416						1216
12	5454417						1216
13	5454418						1216
14	5454419						1216
15	5454420						1216
16	5454421						1216
17	5454422						1216
18	5454423						1216
19	5454426						1216
20	5454427						1216
21	5454428						1216
22	5457156						1216
23	5457159						1216
24							

SLA 9/5/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
Florisil	041443		

S-Evap/bath	°C	S-Evap/bath	°C	N-Evap	°C

The documented temperatures are NIST corrected.

Prep-Process Worksheet

Copper

Prep Analysis # 00819 Solid Sample Pesticide Extract

Prep Group # 101 PCB soils

Verified: [illegible]
Start Date: 9/5/08
Start Time: 1:30 AM
Tech 1: SLA 504
Tech 2:

BATCH NO. 082470004A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	1.0	1.0				
2	LCSA						
3	5454409MS						1216
4	5454409MSD						1216
5	5454409						1216
6	5454410						1216
7	5454411						1216
8	5454412						1216
9	5454414						1216
10	5454415						1216
11	5454416						1216
12	5454417						1216
13	5454418						1216
14	5454419						1216
15	5454420						1216
16	5454421						1216
17	5454422						1216
18	5454423						1216
19	5454426						1216
20	5454427						1216
21	5454428						1216
22	5457156						1216
23	5457159						1216
24							

SLA 504 9/5/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

page 1 of 1

Solvent Used	Lot No.	Solvent Used	Lot No.
		Copper	703010AD

ASX84 1283

MA EPH Data

ASX84 1204

Case Narrative Conformance/Nonconformance Summary

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX04

LANCASTER LABORATORIES
MA EPH

LLI SAMPLE #	SAMPLE CODE	MATRIX WATER	MATRIX SOLID	COMMENT
BLANKA	PBLK0A		X	Method Blank
LCSA	LCSCH		X	Lab Control Spike
LCSDA	LCSDF0		X	Lab Control Spike Dup
5454413	AMSS5		X	
5454424	AMS15		X	
5454425	AMSSY		X	
Lab Submitted QC				
5454445	AMS33		X	Unspiked
5454446MS	AMS33MS		X	Matrix Spike
5454447MSD	AMS33MSD		X	Matrix Spike Dup

A. Sample Preparation:
No problems were encountered with the preparation of the samples.

B. Analysis:
Due to software limitations, a form 7 (check standard summary) cannot be automatically generated. Raw data containing this information is in the standards section of this data package.
No problems were encountered during analysis.

C. Quality Control:
Matrix QC may not be included if site-specific QC were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method or by the client.

For preparation/method blank results >LOQ, corrective action is not required if the sample result is >10 times the blank concentration, unless otherwise specified in the method or by the client.

Surrogate recoveries that are outside the QC window are confirmed unless attributed to a dilution or otherwise noted.

The 1-Chlorooctadecane aliphatic surrogate standard recoveries for LCSCH and samples 5454424 and 5454425 are outside the QC limits. However, since the hold time had expired, the data is reported.

The MS/MSD recoveries and %RPD of C19-C36 aliphatics are outside the QC limits. The MS for the unadjusted C11 – C22 aromatics is outside the QC limits.

All other QC data are within specifications.

Lancaster Laboratories, Inc. • 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

D. Data Interpretation:

Data indicating manual integration requires the following codes:
1 = missed peak
2 = improper baseline
The peaks/area that have been manually changed are indicated with an "M" on the raw data.
No further interpretation is needed.

Narrative reviewed and approved by:

Dana Kauffman, Manager Data Deliverables **Date**

ASX84-11287

QC Summary

2F
SOIL SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.: ASX04

GC Column (1): COLUMN ID: .25 GC Column (2): ID:

Batchnumber: 082430018A

SAMPLE	SAMPLE CODE NO.	2-FB 1 % REC #	2-FB 2 % REC #	O-TP 1 % REC #	O-TP 2 % REC #	1-CD 1 % REC #	1-CD 2 % REC #	TOT OUT
5454413	AMSS5	96		103		58		0
5454424	AMS15	100		101		34 *		1
5454425	AMSSY	108		112		29 *		1
5454445	AMS33	102		81		44		0
5454446 MS	AMS33MS	114		99		67		0
5454447 MSD	AMS33MSD	101		87		62		0
BLANKA	PBLK0A	101		87		76		0
LCSA	LCSCH	116		97		38 *		1
LCSDA	LCSDF0	122		106		40		0

		ADVISORY QC LIMITS	NOMINAL CONCENTRATION	
2-FB	= 2-fluorobiphenyl	(40 - 140)	2.11	mg/kg
O-TP	= o-Terphenyl	(40 - 140)	2.00	mg/kg
1-CD	= 1-Chlorooctadecane	(40 - 140)	2.13	mg/kg

ASX04 1289

Column to be used to flag recovery values
* Values outside of QC Limits
D Surrogate diluted out

Lancaster Laboratories

Quality Control Summary
SDG#
Matrix Spike/Matrix Spike Duplicate
EPH/MISC GC

Batchnumber: 082430018A
Date: 9/19/2008 2:23:00PM
Matrix: SOLID

Instrument: 06610A
Calibration Date:

Compound	Spike Added mg/kg	MS Conc mg/kg	MSD Conc mg/kg	MS % Recov	MSD % Recov	MS Limits Recov	RPD	MS Limits RPD
Naphthalene	4.00	3.6	3.2	89.00	81.00	40-140	10	50
Acenaphthylene	4.01	3.9	3.5	98.00	87.00	40-140	12	50
Acenaphthene	4.00	3.9	3.5	97.00	87.00	40-140	11	50
Fluorene	4.00	3.9	3.5	98.00	88.00	40-140	11	50
Phenanthrene	4.00	3.9	3.4	98.00	85.00	40-140	15	50
Anthracene	4.01	4.1	3.5	101.00	87.00	40-140	15	50
Fluoranthene	4.01	4.1	3.5	103.00	88.00	40-140	15	50
Pyrene	4.02	4.1	3.6	90.00	77.00	40-140	13	50
Benzo(a)anthracene	4.00	3.4	2.9	81.00	70.00	40-140	14	50
Chrysene	4.01	3.7	3.2	83.00	72.00	40-140	13	50
Benzo(b)fluoranthene	4.01	4.2	3.6	95.00	80.00	40-140	16	50
Benzo(k)fluoranthene	4.02	4.0	3.7	100.00	91.00	40-140	9	50
Benzo(a)pyrene	4.02	4.0	3.5	92.00	79.00	40-140	13	50
Indeno(1,2,3-cd)pyrene	4.01	3.8	3.3	89.00	77.00	40-140	13	50
Dibenzo(a,h)anthracene	4.01	3.8	3.3	94.00	83.00	40-140	12	50
Benzo(g,h,i)perylene	4.02	4.1	3.6	97.00	84.00	40-140	13	50
2-Methylnaphthalene	4.02	3.7	3.4	92.00	84.00	40-140	10	50
C9 to C18 Aliphatics	24.07	17	19	72.00	78.00	40-140	7	50
C19 to C36 Aliphatics	32.10	55	150	-484.00*	(190.00)*	40-140	92 *	50
Unadjusted C11 - C22 Aromatics	68.17	75	79	38.00 *	44.00	40-140	5	50

MS=Matrix Spike; MSD=Matrix Spike Duplicate; RPD=Relative Percent Difference

* = Value outside quality control limits.

ASX84 1298

Lancaster Laboratories

Quality Control Summary
SDG#

Lab Control/Lab Control Duplicate
EPH/MISC GC

Batchnumber: 082430018A
Date: 9/19/2008 9:12:00PM
Matrix: SOLID

Instrument: 06610A
Calibration Date:

Compound	Spike Added mg/kg	LCS Conc mg/kg	LDS Conc mg/kg	LCS % Recov	LDS % Recov	LCS Limits Recov	RPD	LCS Limits RPD
Naphthalene	4.00	3.6	4.1	91.00	103.00	40-140	12	50
Acenaphthylene	4.01	3.8	4.4	95.00	110.00	40-140	14	50
Acenaphthene	4.00	3.8	4.3	94.00	108.00	40-140	13	50
Fluorene	4.00	3.8	4.3	95.00	109.00	40-140	14	50
Phenanthrene	4.00	3.8	4.3	95.00	107.00	40-140	11	50
Anthracene	4.01	4.0	4.5	99.00	112.00	40-140	12	50
Fluoranthene	4.01	4.0	4.4	100.00	111.00	40-140	10	50
Pyrene	4.02	4.5	5.0	113.00	125.00	40-140	10	50
Benzo(a)anthracene	4.00	3.4	3.8	84.00	94.00	40-140	11	50
Chrysene	4.01	3.4	3.8	86.00	96.00	40-140	11	50
Benzo(b)fluoranthene	4.01	4.3	4.4	106.00	109.00	40-140	3	50
Benzo(k)fluoranthene	4.02	3.7	4.5	91.00	113.00	40-140	21	50
Benzo(a)pyrene	4.02	4.0	4.5	100.00	111.00	40-140	11	50
Indeno(1,2,3-cd)pyrene	4.01	3.7	4.1	93.00	102.00	40-140	10	50
Dibenzo(a,h)anthracene	4.01	3.7	4.1	93.00	102.00	40-140	10	50
Benzo(g,h,i)perylene	4.02	3.9	4.4	98.00	109.00	40-140	10	50
2-Methylnaphthalene	4.02	3.7	4.2	92.00	104.00	40-140	13	50
C9 to C18 Aliphatics	24.07	17	19	71.00	78.00	40-140	9	50
C19 to C36 Aliphatics	32.10	25	27	78.00	85.00	40-140	9	50
Unadjusted C11 - C22 Aro	68.17	63	70	92.00	103.00	40-140	11	50

LCS=Lab Control Sample; LDS=Lab Control Sample Duplicate; RPD=Relative Percent Difference

* = Value outside quality control limits.

ASXB4 1291

4C

METHOD BLANK SUMMARY

SAMPLE CODE NO.

PBLK0A

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.: ASX04

Lab Sample ID BLANKA Batch 082430018A Lab File ID: P262.41R

Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 9/2/2008

Date Analyzed (1): 9/19/2008 Date Analyzed (2):

Time Analyzed (1): 19:29:21 Time Analyzed (2):

Instrument ID (1): H6610A Instrument ID (2):

GC Column: COLUMN ID: 0.25 (mm) GC Column: ID: (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD

	SAMPLE CODE NO.	LAB SAMPLEID	DATE ANALYZED 1	DATE ANALYZED 2
01	AMSS5	5454413	9/19/2008	
02	AMSS5	5454413	9/19/2008	
03	AMS15	5454424	9/19/2008	
04	AMS15	5454424	9/19/2008	
05	AMSSY	5454425	9/19/2008	
06	AMSSY	5454425	9/19/2008	
07	AMS33	5454445	9/19/2008	
08	AMS33	5454445	9/19/2008	
09	AMS33MS	5454446	9/19/2008	
10	AMS33MS	5454446	9/19/2008	
11	AMS33MSD	5454447	9/19/2008	
12	AMS33MSD	5454447	9/19/2008	
13	PBLK0A	BLANKA	9/19/2008	
14	PBLK0A	BLANKA	9/19/2008	
15	LCSCH	LCSA	9/19/2008	
16	LCSCH	LCSA	9/19/2008	
17	LCSDF0	LCSDA	9/19/2008	
18	LCSDF0	LCSDA	9/19/2008	

ASX04 1292

COMMENTS:

FORM IV PEST

1D

ORGANICS ANALYSIS DATA SHEET

SAMPLE CODE NO.

PBLK0A

Lab Name: Lancaster Laboratories **Contract:** **Batchnumber:** 082430018A

Lab Code: **Case No.:** **SAS No.:** **SDG No.:**

Matrix: (soil/water) SOIL **Lab Sample ID:** BLANKA

Sample wt/vol: 10 **(g/ml)** g **Lab File ID:** P262.41R

% Moisture: **Decanted: (Y/N)** **Date Received:**

Extraction: (SepF/Cont/Sonc) SONC **Date Extracted:** 9/2/2008

Concentrated Extract Volume: 1000 **(uL)** **Date Analyzed:** 9/19/2008

Injection Volume: 1000 **(uL)** **Dilution Factor:** 1

GPC Cleanup: (Y/N) N **pH:** **Sulfur Cleanup: (Y/N)** N

CAS NO.	COMPOUND	CONCENTRATION UNITS (UG/L or UG/KG) mg/kg	Q
91-20-3	Naphthalene	0.10	U
91-57-6	2-methylnaphthalene	0.10	U
208-96-8	Acenaphthylene	0.10	U
83-32-9	Acenaphthene	0.10	U
86-73-7	Fluorene	0.10	U
85-01-8	Phenanthrene	0.10	U
120-12-7	Anthracene	0.10	U
206-44-0	Fluoranthene	0.10	U
129-00-0	Pyrene	0.74	
56-55-3	Benzo(a)anthracene	0.10	U
218-01-9	Chrysene	0.10	U
205-99-2	Benzo(b)fluoranthene	0.10	U
207-08-9	Benzo(k)fluoranthene	0.10	U
50-32-8	Benzo(a)pyrene	0.10	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.10	U
53-70-3	Dibenzo(a,h)anthracene	0.10	U
191-24-2	Benzo(g,h,i)perylene	0.10	U
PHCC11C22AR	C11 to C22 Aromatics	12	U
PHCC11C22UAR	Unadjusted C11 - C22 Aromatics	.74	U

ASX84 1293

1D

ORGANICS ANALYSIS DATA SHEET

SAMPLE CODE NO.

PBLK0A

Lab Name: Lancaster Laboratories **Contract:** **Batchnumber:** 082430018A

Lab Code: **Case No.:** **SAS No.:** **SDG No.:**

Matrix: (soil/water) SOIL **Lab Sample ID:** BLANKA

Sample wt/vol: 10 **(g/ml)** g **Lab File ID:** P262.42R

% Moisture: **Decanted: (Y/N)** **Date Received:**

Extraction: (SepF/Cont/Sonc) SONC **Date Extracted:** 9/2/2008

Concentrated Extract Volume: 1000 **(uL)** **Date Analyzed:** 9/19/2008

Injection Volume: 1000 **(uL)** **Dilution Factor:** 1

GPC Cleanup: (Y/N) N **pH:** **Sulfur Cleanup: (Y/N)** N

CAS NO.	COMPOUND	CONCENTRATION UNITS (UG/L or UG/KG) mg/kg	Q
C19-36 ALIP	C19 to C36 Aliphatics	12	U
PHCC9C18AL	C9 to C18 Aliphatics	6.0	U

ASX84 .1294

FORM I

Sample Data

ASX84 1295

Analysis LOQ/MDL Report

Analysis: 05332 Name: MA EPH - Soils

Description: Default Values

Compound	Units	LOQ	MDL
Anthracene	mg/kg	0.5	0.1
Pyrene	mg/kg	0.5	0.1
Benzo(g,h,i)perylene	mg/kg	0.5	0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.1
Benzo(b)fluoranthene	mg/kg	0.5	0.1
Fluoranthene	mg/kg	0.5	0.1
Benzo(k)fluoranthene	mg/kg	0.5	0.1
Acenaphthylene	mg/kg	0.5	0.1
Chrysene	mg/kg	0.5	0.1
Benzo(a)pyrene	mg/kg	0.5	0.1
Dibenzo(a,h)anthracene	mg/kg	0.5	0.1
Benzo(a)anthracene	mg/kg	0.5	0.1
Acenaphthene	mg/kg	0.5	0.1
Phenanthrene	mg/kg	0.5	0.1
Fluorene	mg/kg	0.5	0.1
Naphthalene	mg/kg	0.5	0.1
2-methylnaphthalene	mg/kg	0.5	0.1
C19 to C36 Aliphatics	mg/kg	12	12
C11 to C22 Aromatics	mg/kg	12	12
Unadjusted C11 - C22 Aromatics	mg/kg	12	12
C9 to C18 Aliphatics	mg/kg	6	6

ASX8491296

Lancaster Laboratories-Range Data Summary

Sample Name: 5454413P AMSS5 Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: ASX04 State: DE
Analyses: 05332

Setting : MAPP242BS

Injection Summary

P262 027 Injected on : 9/19/08 07:36:18 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : REPLOT1M.MET AROMPSUM.MET

P262 028 Injected on : 9/19/08 08:27:23 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	95.6%	Conc.:	2.017053
SS O-TERPHENYL	102.8%	Conc.:	2.055284
1-CHLOROOCTADECANE	58.3%	Conc.:	1.240013

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	7406298	26.7041	6	6		ppm
C19-C36	16.20 - 28.47	25826995	88.8577	12	12		ppm
C11-C22	7.69 - 26.07	30581446	93.2114	12	12		ppm
C11-C22*MDL	7.69 - 26.07	30581446	90.6911	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	30581446	101.2902	12	12		ppm
Naphthalene	7.78	43680	0.1645	<0.5	0.1	J	ppm
2-Methylnaphthalene	9.31	81767	0.3284	<0.5	0.1	J	ppm
2-Fluorobiphenyl	10.29	462283	2.0171				ppm
Acenapthylene	11.24	14556	0.0606	<0.5	<0.1		ppm
Acenaphthene	11.67	1406	0.0053	<0.5	<0.1		ppm
Fluorene	12.80	7771	0.0293	<0.5	<0.1		ppm
Phenanthrene	14.86	126924	0.4690	<0.5	0.1	J	ppm
Anthracene	14.96	78192	0.3289	<0.5	0.1	J	ppm
SS o-Terphenyl	16.07	571950	2.0553				ppm
Fluoranthene	17.52	176340	0.6558	0.5	0.1		ppm
Pyrene	17.96	163362	0.5817	0.5	0.1		ppm
Benzo(a)anthracene	20.74	115395	0.4320	<0.5	0.1	J	ppm
Chrysene	20.83	1154698	4.3801	0.5	0.1		ppm
Benzo(b)fluoranthene	23.03	454621	1.6104	0.5	0.1		ppm
Benzo(k)fluoranthene	23.05 - 23.10	0	0.0000	<0.5	<0.1		ppm
Benzo(a)pyrene	23.59	215957	0.8509	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.59	101427	0.3917	<0.5	0.1	J	ppm
Dibenzo(a,h)anthrace	25.69	30914	0.1163	<0.5	0.1	J	ppm
Benzo(ghi)perylene	25.96	77343	0.2895	<0.5	0.1	J	ppm
1-Chlorooctadecane	17.97	281902	1.2400				ppm

Comments:

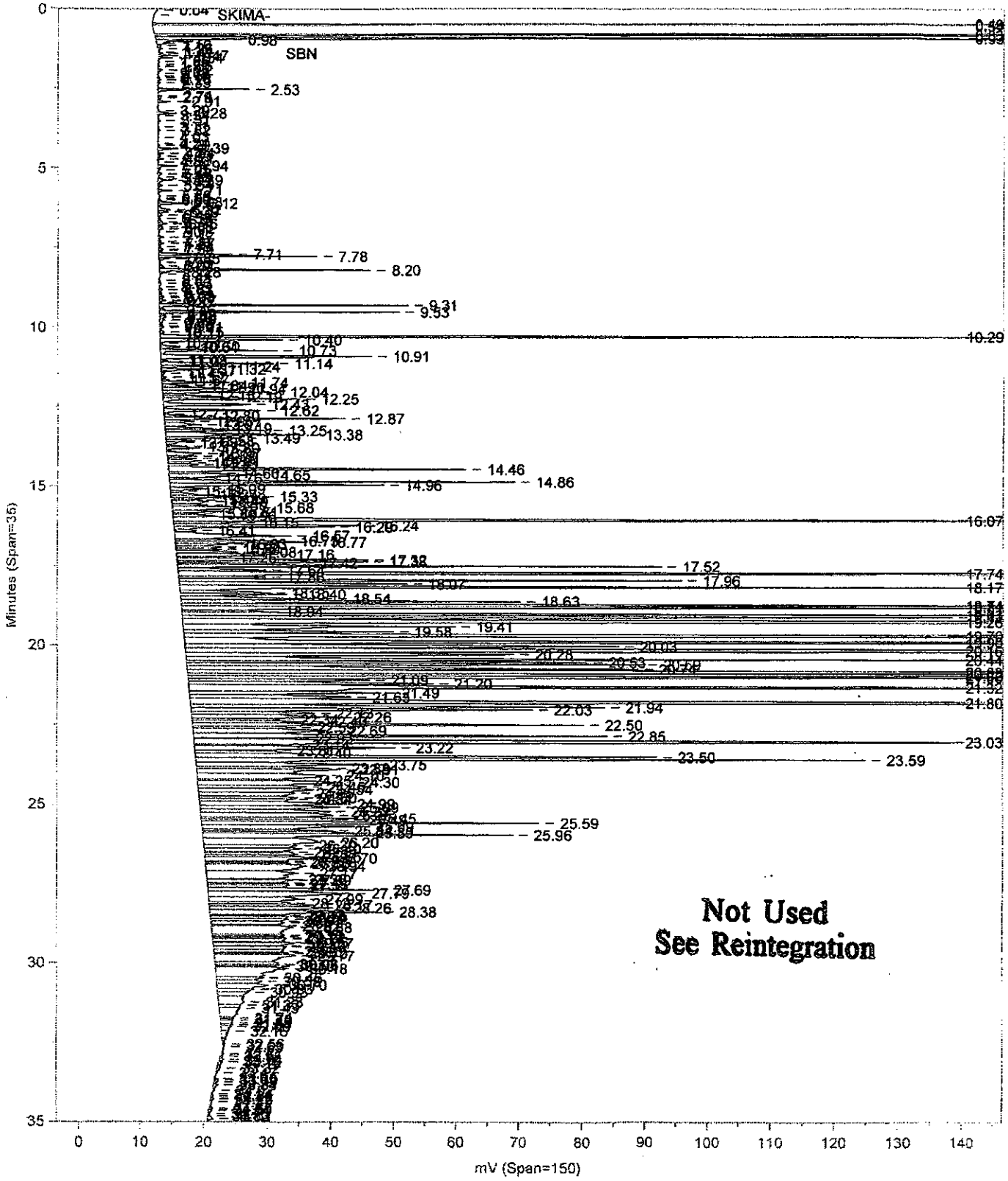
ASX04 1297

Reviewed by: [illegible] Date: 9/23/08
Verified by: [illegible]/375 Date: 9-23-08

MA EPH

5454413M ABAMSS5 T 082430018A 05332

C:\CPWIN\DATA1\P262.27R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 7:36:17 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX04 1298

MA EPH

Sample ID: 5454413M ABAMSS5 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
69	7.778	Naphthalene	.18662	49544	.031	25047
86	9.312	2-Methylnaphthalene	.33866	84319	.032	39402
98	10.295	2-Fluorobiphenyl	2.03675	466797	.034	212967
108	11.235	Acenapthylene	.08425	20249	.033	9561
113	11.666	Acenaphthene	.01151	3026	.042	1249
125	12.798	Fluorene	.05664	15015	.043	5677
147	14.864	Phenanthrene	.52926	143242	.037	55468
148	14.962	Anthracene	.39333	93509	.037	33832
161	16.068	SS o-Terphenyl	2.17389	604955	.038	213248
178	17.516	Fluoranthene	.81949	220351	.04	76923
182	17.961	Pyrene	.81035	227595	.038	79815
205	20.741	Benzo(a)anthracene	1.0933	292073	.039	72003
206	20.834	Chrysene	5.4291	1431233	.047	453386
226	23.026	Benzo(b)fluoranthene	2.15498	608354	.073	122248
232	23.585	Benzo(a)pyrene	1.48597	377149	.043	106840
250	25.586	Indeno(1,2,3-cd)pyre	.83433	216018	.042	54211
251	25.693	Dibenzo(a,h)anthrace	.54855	145823	.047	24197
254	25.96	Benzo(ghi)perylene	.8465	226172	.042	49384

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	198.335	100.000	27249830.0	56.463

Total slice amount= 198.335 Total slice area= 27249830.0
Total slice amount %= 100.0 Total slice area %= 56.5

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.724983E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 93.88412 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.27A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 8:11:22 AM
File reported on: 9/19/2008 at 8:11:22 AM

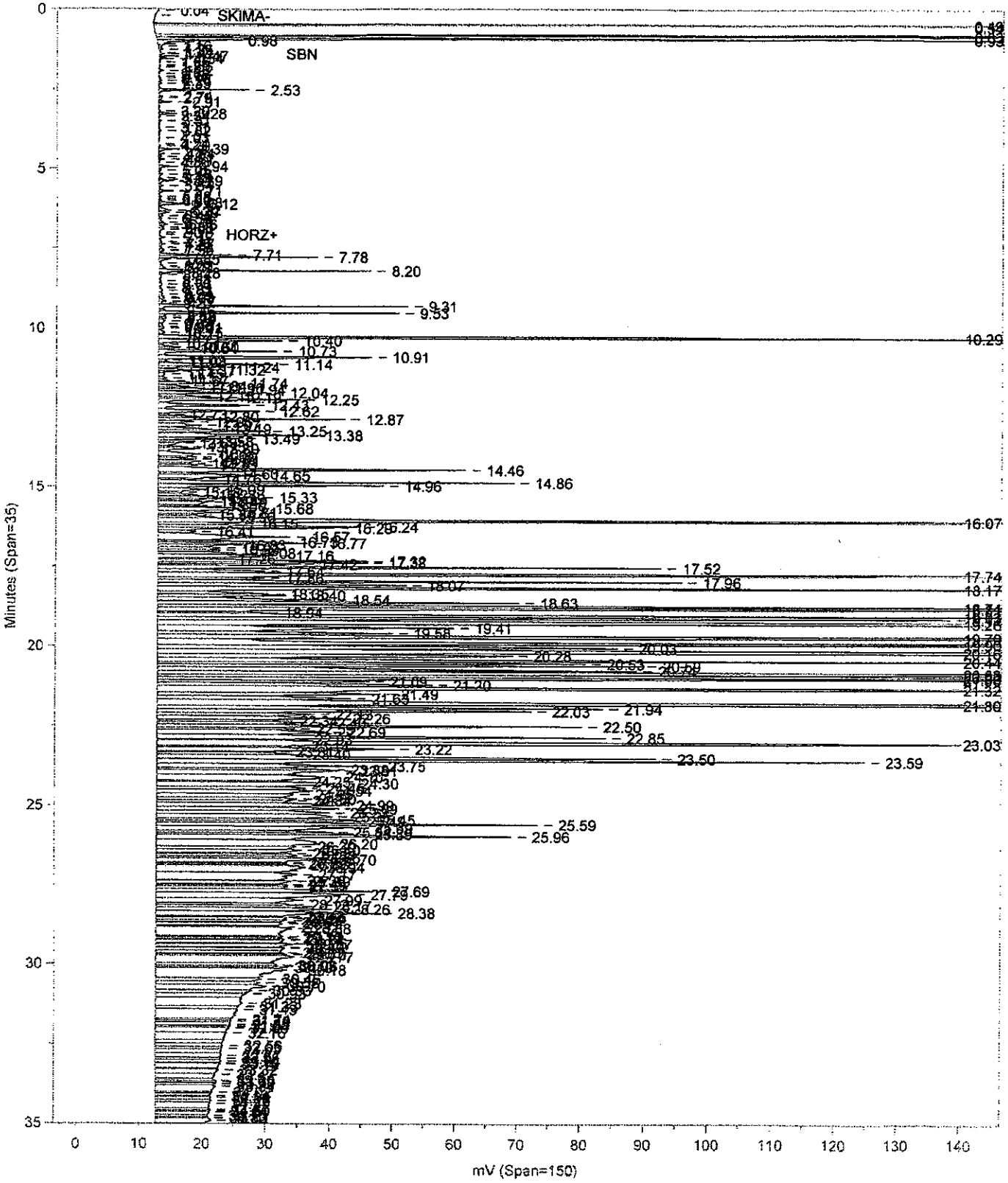
Not Used
See Reintegration

ASX04 1299

MA EPH

5454413M ABAMSS5 T 082430018A 05332

C:\CPWIN\DATA1\P262.27R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 7:36:17 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

MA EPH

Sample ID: 5454413M ABAMSS5 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
69	7.778	Naphthalene	.18734	49737	.031	25088
86	9.312	2-Methylnaphthalene	.34362	85556	.032	39532
98	10.295	2-Fluorobiphenyl	2.04526	468747	.034	213234
108	11.235	Acenapthylene	.09232	22188	.033	10007
113	11.666	Acenaphthene	.02055	5404	.042	1803
125	12.798	Fluorene	.07259	19243	.043	6656
147	14.864	Phenanthrene	.57936	156802	.037	57323
148	14.962	Anthracene	.45762	108793	.037	35735
161	16.068	SS o-Terphenyl	2.25231	626777	.038	215682
178	17.516	Fluoranthene	.90097	242260	.04	80054
182	17.961	Pyrene	.88575	248771	.038	83160
205	20.741	Benzo(a)anthracene	1.22141	326297	.039	76684
206	20.834	Chrysene	5.54854	1462720	.047	458111
226	23.026	Benzo(b)fluoranthene	2.36672	668130	.073	128029
232	23.585	Benzo(a)pyrene	1.69294	429679	.043	112888
250	25.586	Indeno(1,2,3-cd)pyre	1.03294	267439	.042	61223
251	25.693	Dibenzo(a,h)anthrace	.76141	202411	.047	31259
254	25.96	Benzo(ghi)perylene	1.08912	290999	.042	56575

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	215.508	100.000	30581440.0	54.491

Total slice amount= 215.508
Total slice amount %= 100.0

Total slice area= 30581440.0
Total slice area %= 54.5

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 3.058144E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 105.3625 PPM*

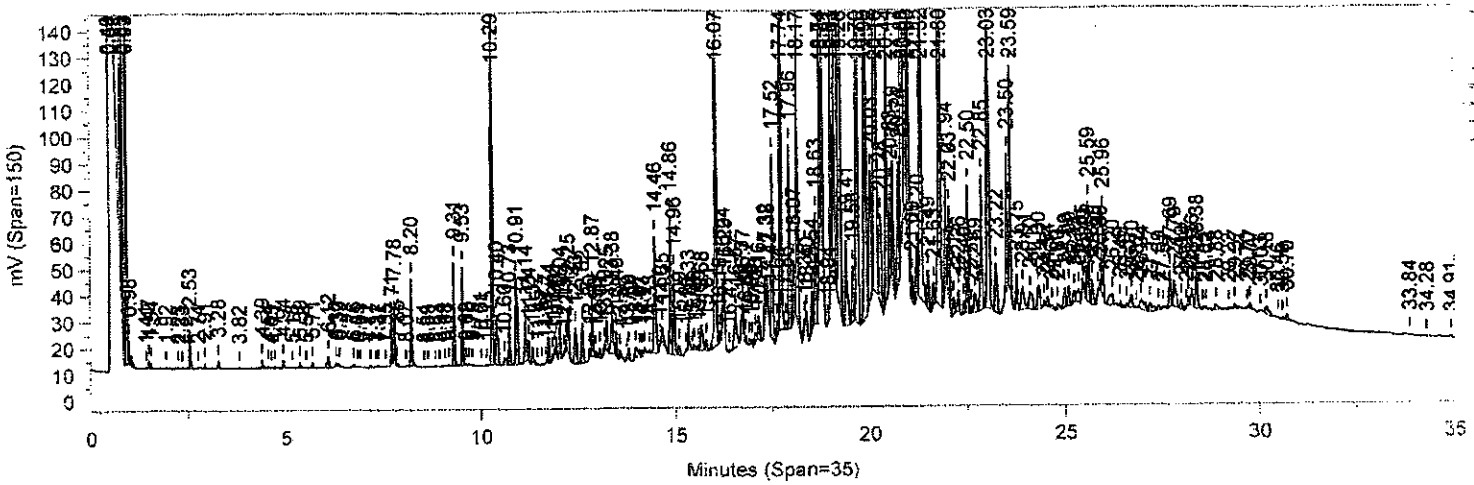
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 10:30:02 AM
File reported on: 9/22/2008 at 10:30:01 AM

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX04 1361

MA EPH
5454413M ABAMSS5 T 082430018A 05332
C:\CPWIN\DATA1\P262.27R



Sample Name:5454413M ABAMSS5 T 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 7:36:17 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
37	7.778	Naphthalene	.1645	43680	.031	23663
47	9.312	2-Methylnaphthalene	.3284	81767	.032	39139
54	10.295	2-Fluorobiphenyl	2.0171	462283	.034	212335
60	11.235	Acenapthylene	.0606	14556	.033	8018
64	11.666	Acenaphthene	.0053	1406	.041	721
75	12.798	Fluorene	.0293	7771	.042	3727
94	14.864	Phenanthrene	.469	126924	.037	53297
95	14.962	Anthracene	.3289	78192	.037	31914
104	16.068	SS o-Terphenyl	2.0553	571950	.039	208296
120	17.516	Fluoranthene	.6558	176340	.04	70724
124	17.961	Pyrene	.5817	163362	.038	69658
147	20.741	Benzo(a)anthracene	.432	115395	.039	45937
148	20.834	Chrysene	4.3801	1154698	.047	410602
166	23.026	Benzo(b)fluoranthene	1.6104	454621	.073	107366
169	23.585	Benzo(a)pyrene	.8509	215957	.043	86091
184	25.586	Indeno(1,2,3-cd)pyre	.3917	101427	.042	38585
185	25.693	Dibenzo(a,h)anthrace	.1163	30914	.047	9752
188	25.96	Benzo(ghi)perylene	.2895	77343	.042	31847

2-FLUOROBIPHENYL % RECOVERY = 96.10507 %
o-TERPHENYL % RECOVERY = 102.7642 %

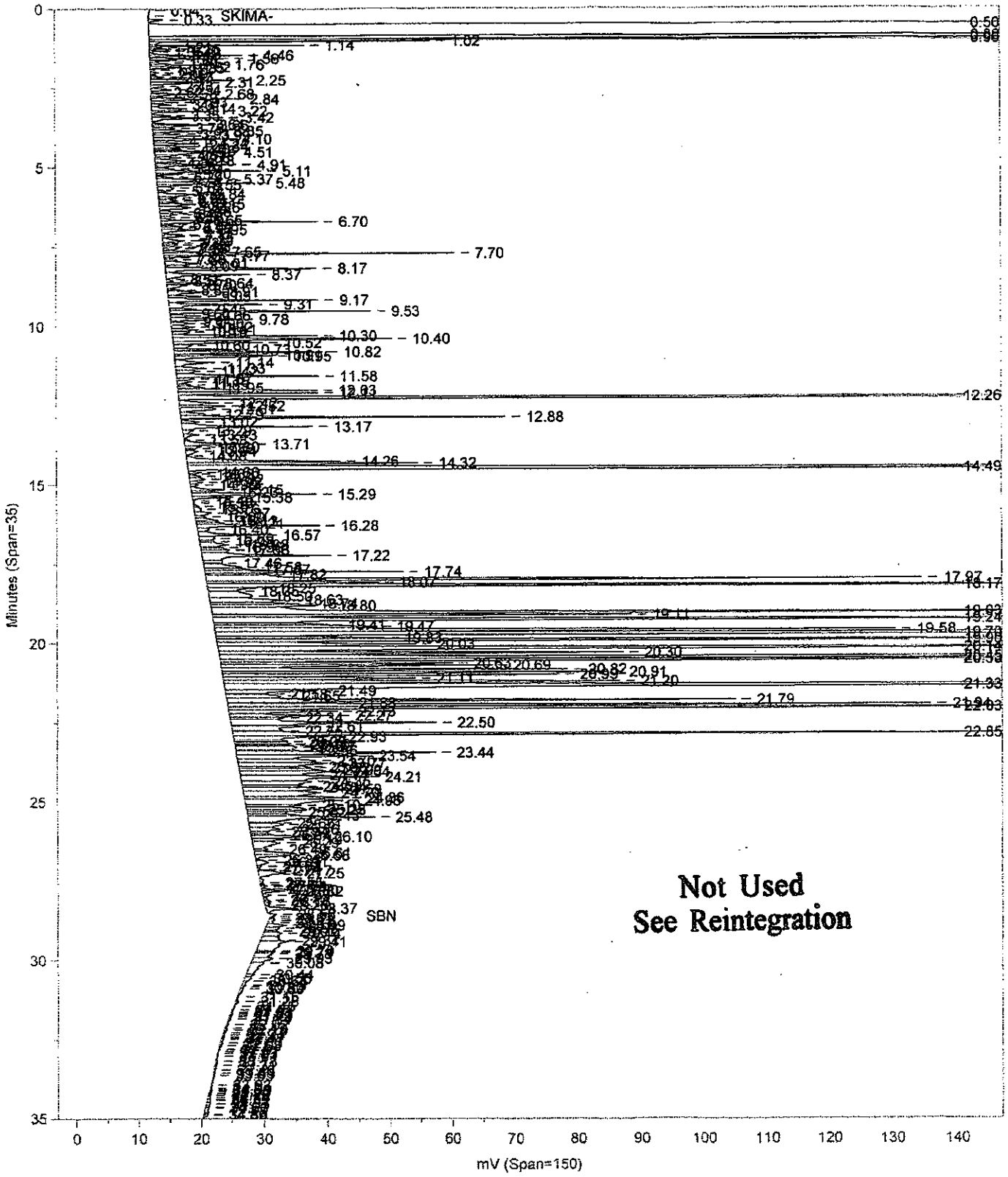
TOTAL SURROGATE AMOUNT = 4.072337 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.27A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 8:11:28 AM
File reported on: 9/19/2008 at 8:11:28 AM

MA EPH

5454413P ACAMSS5 T 082430018A 05332

C:\CPWIN\DATA1\P262.28R



Instrument ID:CP25–H6610A Injected on: 9/19/2008 8:27:22 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX04 1383

MA EPH

Sample ID: 5454413P ACAMSS5 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
39	3.423	C-9	.1458	34653	.041	11473
60	5.114	C-10	.1831	43565	.033	16951
100	8.173	C-12	.3743	89197	.056	23966
127	10.816	C-14	.2809	67214	.039	23497
147	13.169	C-16	.3193	77521	.043	20876
167	15.29	C-18	.2458	61000	.041	19828
178	16.281	C-19	.247	61171	.043	19539
187	17.22	C-20	.4134	103319	.043	20597
193	17.972	1-Chlorooctadecane	1.7729	403042	.042	113661
216	20.632	C-24	.5196	122612	.048	36882
231	22.133	C-26	.3135	75922	.048	16953
247	23.541	C-28	.4448	106163	.052	19091
261	24.861	C-30	.2785	68437	.052	15964
299	28.367	C-36	.0943	22353	.063	5047

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	15.493	27.503	5165864.0	10.771
2	16.200	28.470	40.839	72.497	16859910.0	35.152

Total slice amount= 56.332
Total slice amount %= 100.0

Total slice area= 22025770.0
Total slice area %= 45.9

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 5165864
Unadjusted Aliphatics AMOUNT (C9- <C19) = 18.62601 PPM

Unadjusted Aliphatics AREA (C19- C36) = 1.685991E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 58.81593 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.28A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 9:02:26 AM
File reported on: 9/19/2008 at 9:02:27 AM

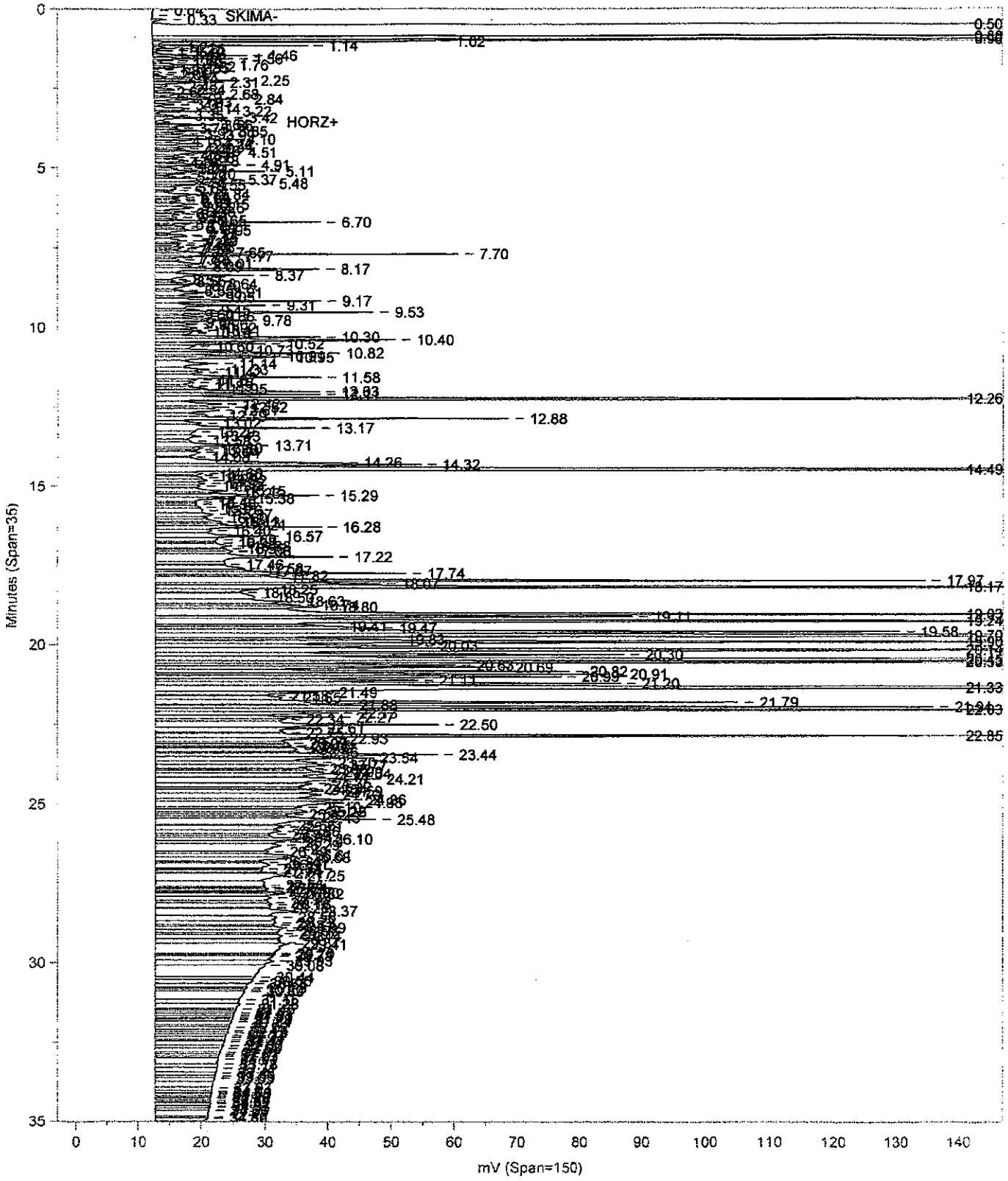
Not Used
See Reintegration

ASX84 1384

MA EPH

5454413P ACAMSS5 T 082430018A 05332

C:\CPWIN\DATA1\P262.28R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 8:27:22 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX84-1305

MA EPH

Sample ID: 5454413P ACAMSS5 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
39	3.423	C-9	.1447	34397	.041	11448
60	5.114	C-10	.1968	46823	.033	17525
100	8.173	C-12	.4574	109002	.056	26000
127	10.816	C-14	.3642	87131	.039	26817
147	13.169	C-16	.5545	134615	.043	25391
167	15.29	C-18	.392	97280	.041	25874
178	16.281	C-19	.4506	111599	.043	26406
187	17.22	C-20	.886	221462	.043	28283
193	17.972	1-Chlorooctadecane	2.199	499912	.042	122000
216	20.632	C-24	.7302	172312	.048	47542
231	22.133	C-26	.6762	163756	.048	28920
247	23.541	C-28	.9062	216287	.052	32284
261	24.861	C-30	.5899	144949	.052	30309
299	28.367	C-36	1.0886	258001	.063	22679

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	21.097	21.893	7406299.0	11.609
2	16.200	28.470	75.266	78.107	25827000.0	40.484

Total slice amount= 96.363
Total slice amount %= 100.0

Total slice area= 33233300.0
Total slice area %= 52.1

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 7406299
Unadjusted Aliphatics AMOUNT (C9- <C19) = 26.70411 PPM

Unadjusted Aliphatics AREA (C19- C36) = 2.5827E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 90.0977 PPM*

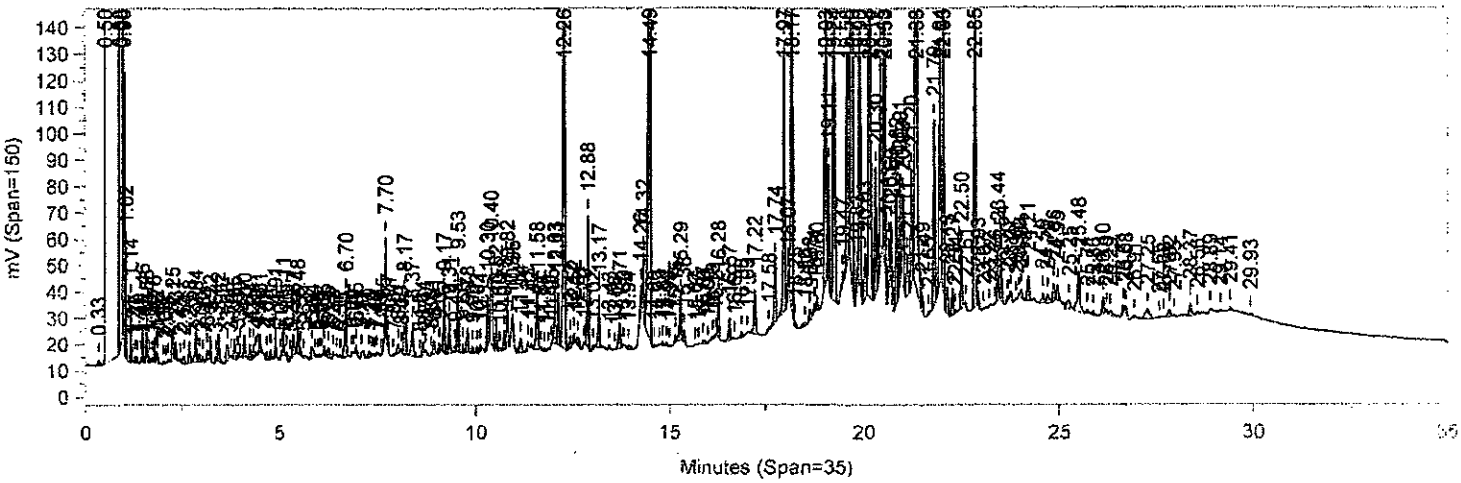
* Needs to have surr. amt. (from replot) subtracted!

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 10:34:08 AM
File reported on: 9/22/2008 at 10:34:07 AM

ASX84 1386

MA EPH
5454413P ACAMSS5 T 082430018A 05332
C:\CPWIN\DATA1\P262.28R



Sample Name:5454413P ACAMSS5 T 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 8:27:22 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
33	3.423	C-9	.1211	28774	.041	10586
49	5.114	C-10	.1251	29763	.033	14524
82	8.173	C-12	.318	75772	.056	22419
104	10.816	C-14	.2111	50516	.039	20714
124	13.169	C-16	.2348	56988	.043	19279
139	15.29	C-18	.1991	49411	.041	17211
147	16.281	C-19	.1655	40997	.043	16526
152	17.22	C-20	.2161	54008	.044	17328
155	17.972	1-Chlorooctadecane	1.24	281902	.042	102541
176	20.632	C-24	.1704	40216	.048	17509
189	22.133	C-26	.117	28336	.047	10295
200	23.541	C-28	.0958	22870	.054	8534
209	24.861	C-30	.0786	19321	.052	6754
226	28.367	C-36	.0865	20502	.061	4873

1-CHLOROOCTADECANE % RECOVERY = 60.01418 %

TOTAL SURROGATE AMOUNT = 1.240013 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.28A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 9:02:34 AM
File reported on: 9/19/2008 at 9:02:33 AM

ASX84 1307

Lancaster Laboratories-Range Data Summary

Sample Name: 5454424P AMS15 Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG:ASX04 State: DE
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 029 Injected on : 9/19/08 09:19:40 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 030 Injected on : 9/19/08 10:12:13 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : REPLOT1P.MET ALIPPSUM.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	99.9%	Conc.:	2.106613
SS O-TERPHENYL	101.2%	Conc.:	2.023775
1-CHLOROOCTADECANE	*34.4%	Conc.:	0.731411

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	2933217	10.5760	6	6		ppm
C19-C36	16.20 - 28.47	8534235	29.0403	12	12		ppm
C11-C22	7.69 - 26.07	16847232	49.1022	12	12		ppm
C11-C22*MDL	7.69 - 26.07	16847232	46.6535	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	16847232	53.9136	12	12		ppm
Naphthalene	7.77	59777	0.2252	<0.5	0.1	J	ppm
2-Methylnaphthalene	9.31	107081	0.4301	<0.5	0.1	J	ppm
2-Fluorobiphenyl	10.29	482809	2.1066				ppm
Acenapthylene	11.23	15002	0.0624	<0.5	<0.1		ppm
Acenaphthene	11.66	1897	0.0072	<0.5	<0.1		ppm
Fluorene	12.79	8670	0.0327	<0.5	<0.1		ppm
Phenanthrene	14.86	116871	0.4318	<0.5	0.1	J	ppm
Anthracene	14.96	32555	0.1369	<0.5	0.1	J	ppm
SS o-Terphenyl	16.07	563181	2.0238				ppm
Fluoranthene	17.52	158150	0.5882	0.5	0.1		ppm
Pyrene	17.96	313636	1.1167	0.5	0.1		ppm
Benzo(a)anthracene	20.73	77490	0.2901	<0.5	0.1	J	ppm
Chrysene	20.82	242987	0.9217	0.5	0.1		ppm
Benzo(b)fluoranthene	23.02	417714	1.4797	0.5	0.1		ppm
Benzo(k)fluoranthene	23.05 - 23.10	0	0.0000	<0.5	<0.1		ppm
Benzo(a)pyrene	23.59	178965	0.7051	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.59	116934	0.4516	<0.5	0.1	J	ppm
Dibenzo(a,h)anthrace	25.69	35717	0.1344	<0.5	0.1	J	ppm
Benzo(ghi)perylene	25.96	93137	0.3486	<0.5	0.1	J	ppm
1-Chlorooctadecane	17.97	166278	0.7314				ppm

Comments:

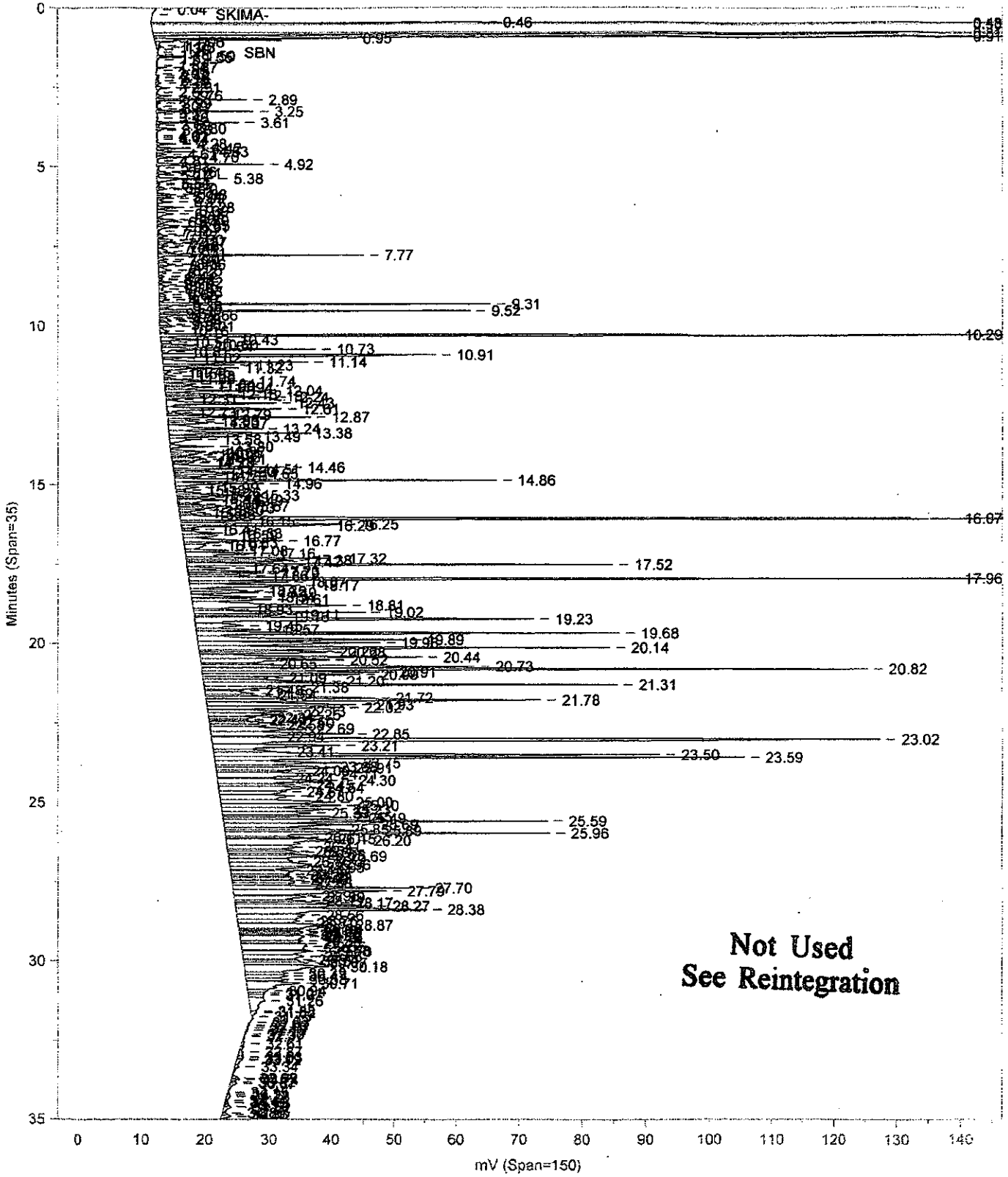
ASX84 1380

Reviewed by: [illegible] Date: 9/23/08
Verified by: [illegible]/375 Date: 9-23-08

MA EPH

5454424M ABAMS15 T 082430018A 05332

C:\CPWIN\DATA1\P262.29R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 9:19:39 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX04 1389

MA EPH

Sample ID: 5454424M ABAMS15 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
79	7.773	Naphthalene	.25367	67344	.032	32552
97	9.309	2-Methylnaphthalene	.45784	113993	.033	53195
109	10.293	2-Fluorobiphenyl	2.13575	489488	.033	232193
119	11.233	Acenapthylene	.09989	24006	.033	11109
124	11.66	Acenaphthene	.01789	4706	.035	1760
137	12.794	Fluorene	.06433	17052	.035	6852
160	14.863	Phenanthrene	.47071	127395	.036	51698
161	14.962	Anthracene	.17671	42010	.037	13798
175	16.069	SS o-Terphenyl	2.13795	594953	.038	219255
190	17.515	Fluoranthene	.68177	183319	.04	67997
195	17.964	Pyrene	1.28547	361035	.041	127744
219	20.733	Benzo(a)anthracene	.53073	141784	.04	43488
220	20.816	Chrysene	1.28651	339153	.042	106088
244	23.022	Benzo(b)fluoranthene	1.83061	516784	.071	106329
248	23.585	Benzo(a)pyrene	1.11471	282922	.043	84550
266	25.586	Indeno(1,2,3-cd)pyre	.74611	193176	.045	52190
267	25.695	Dibenzo(a,h)anthrace	.45428	120764	.046	21565
270	25.964	Benzo(ghi)perylene	.75025	200458	.043	52021

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	144.952	100.000	11866370.0	35.235

Total slice amount= 144.952
Total slice amount %= 100.0

Total slice area= 11866370.0
Total slice area %= 35.2

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.186637E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 40.88332 PPM*

* Needs to have surr. amt. (from replot) subtracted!

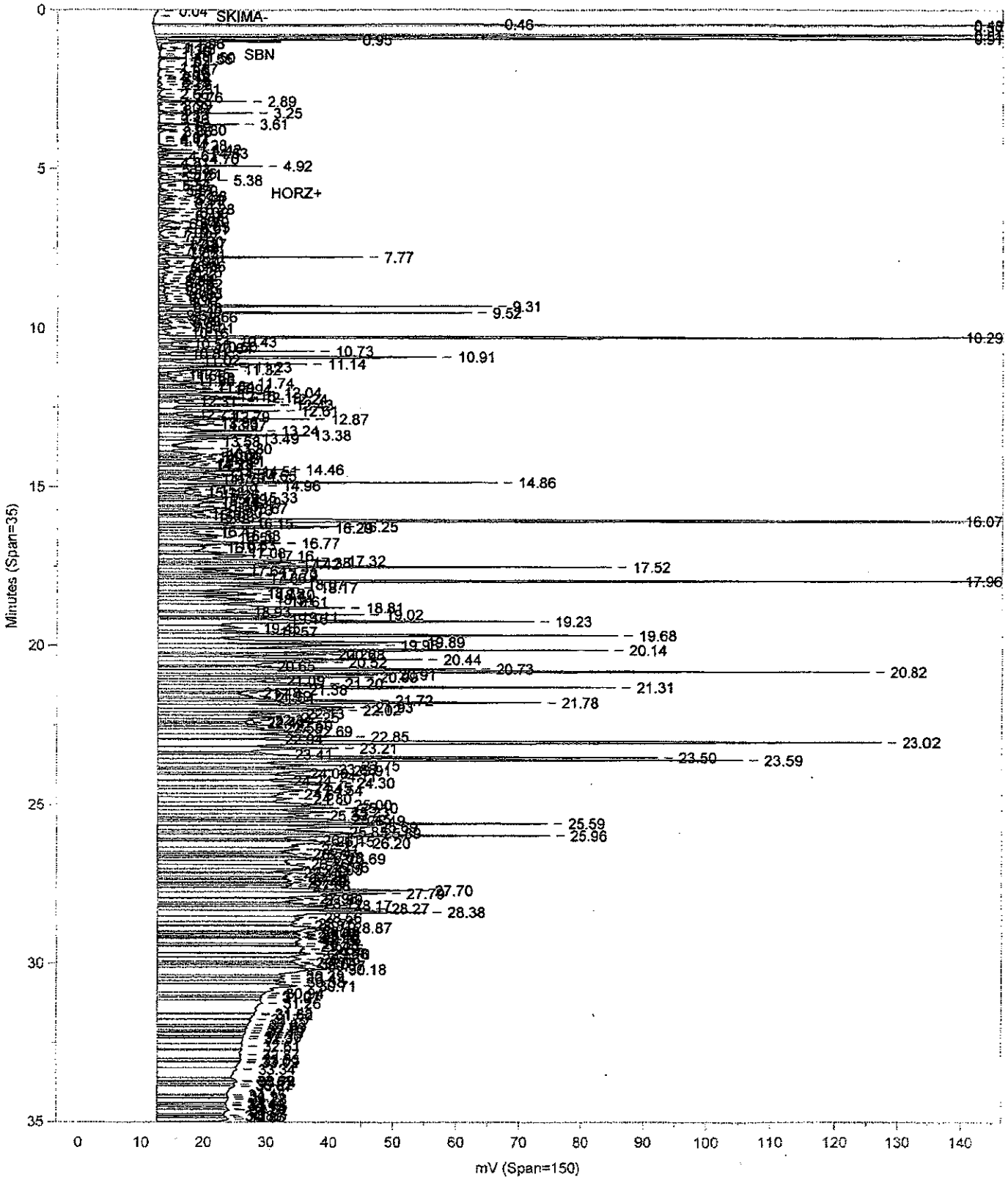
FILES:
Area File: C:\CPWIN\DATA1\P262.29A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 9:54:44 AM
File reported on: 9/19/2008 at 9:54:43 AM

Not Used
See Reintegration

MA EPH

5454424M ABAMS15 T 082430018A 05332

C:\CPWIN\DATA1\P262.29R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 9:19:39 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

MA EPH

Sample ID: 5454424M ABAMS15 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
79	7.773	Naphthalene	.25688	68197	.032	32685
97	9.309	2-Methylnaphthalene	.46697	116268	.033	53522
109	10.293	2-Fluorobiphenyl	2.15359	493576	.033	232711
119	11.233	Acenapthylene	.11527	27702	.033	12030
124	11.66	Acenaphthene	.03464	9110	.035	2866
137	12.794	Fluorene	.08833	23414	.035	8445
160	14.863	Phenanthrene	.54518	147551	.036	54450
161	14.962	Anthracene	.27225	64722	.037	16621
175	16.069	SS o-Terphenyl	2.26685	630826	.038	222862
190	17.515	Fluoranthene	.80817	217308	.04	72632
195	17.964	Pyrene	1.41471	397334	.041	132698
219	20.733	Benzo(a)anthracene	.68577	183204	.04	50403
220	20.816	Chrysene	1.46297	385673	.042	113062
244	23.022	Benzo(b)fluoranthene	2.22494	628106	.071	114866
248	23.585	Benzo(a)pyrene	1.42063	360567	.043	93486
266	25.586	Indeno(1,2,3-cd)pyre	1.03946	269127	.045	62543
267	25.695	Dibenzo(a,h)anthrace	.78185	207844	.046	31997
270	25.964	Benzo(ghi)perylene	1.0954	292676	.043	62646

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	171.339	100.000	16847240.0	37.344

Total slice amount= 171.339
Total slice amount %= 100.0

Total slice area= 16847240.0
Total slice area %= 37.3

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.684724E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 58.04396 PPM*

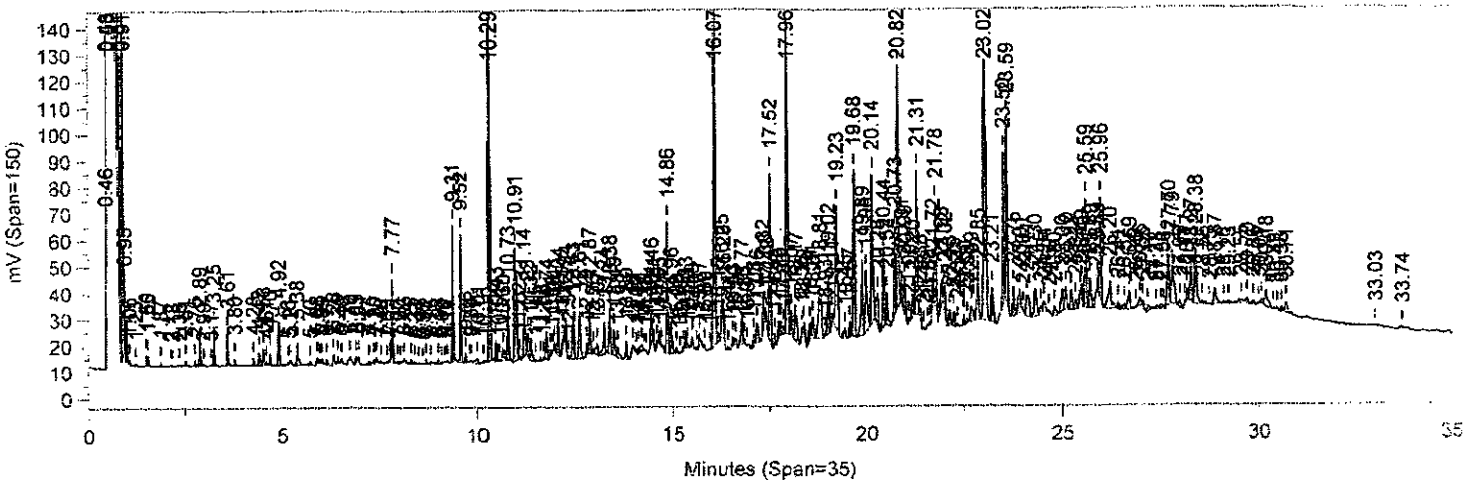
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 10:36:18 AM
File reported on: 9/22/2008 at 10:36:17 AM

M = Manually Integrated
Analyst [signature] 9/22/08
Approved by [signature] 12/03/375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX04 1312

MA EPH
5454424M ABAMS15 T 082430018A 05332
C:\CPWIN\DATA1\P262.29R



Sample Name:5454424M ABAMS15 T 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 9:19:39 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
49	7.773	Naphthalene	.2252	59777	.031	31134
63	9.309	2-Methylnaphthalene	.4301	107081	.033	52063
70	10.293	2-Fluorobiphenyl	2.1066	482809	.033	231289
78	11.233	Acenapthylene	.0624	15002	.032	8631
82	11.66	Acenaphthene	.0072	1897	.035	994
94	12.794	Fluorene	.0327	8670	.035	4612
114	14.863	Phenanthrene	.4318	116871	.036	50296
115	14.962	Anthracene	.1369	32555	.037	12655
126	16.069	SS o-Terphenyl	2.0238	563181	.038	215618
141	17.515	Fluoranthene	.5882	158150	.04	64564
146	17.964	Pyrene	1.1167	313636	.041	121322
167	20.733	Benzo(a)anthracene	.2901	77490	.04	32125
168	20.816	Chrysene	.9217	242987	.042	91840
189	23.022	Benzo(b)fluoranthene	1.4797	417714	.071	98542
192	23.585	Benzo(a)pyrene	.7051	178965	.043	70432
208	25.586	Indeno(1,2,3-cd)pyre	.4516	116934	.045	41794
209	25.695	Dibenzo(a,h)anthrace	.1344	35717	.046	11287
212	25.964	Benzo(ghi)perylene	.3486	93137	.042	38510

2-FLUOROBIPHENYL % RECOVERY = 100.3722 %
o-TERPHENYL % RECOVERY = 101.1888 %

TOTAL SURROGATE AMOUNT = 4.130388 PPM

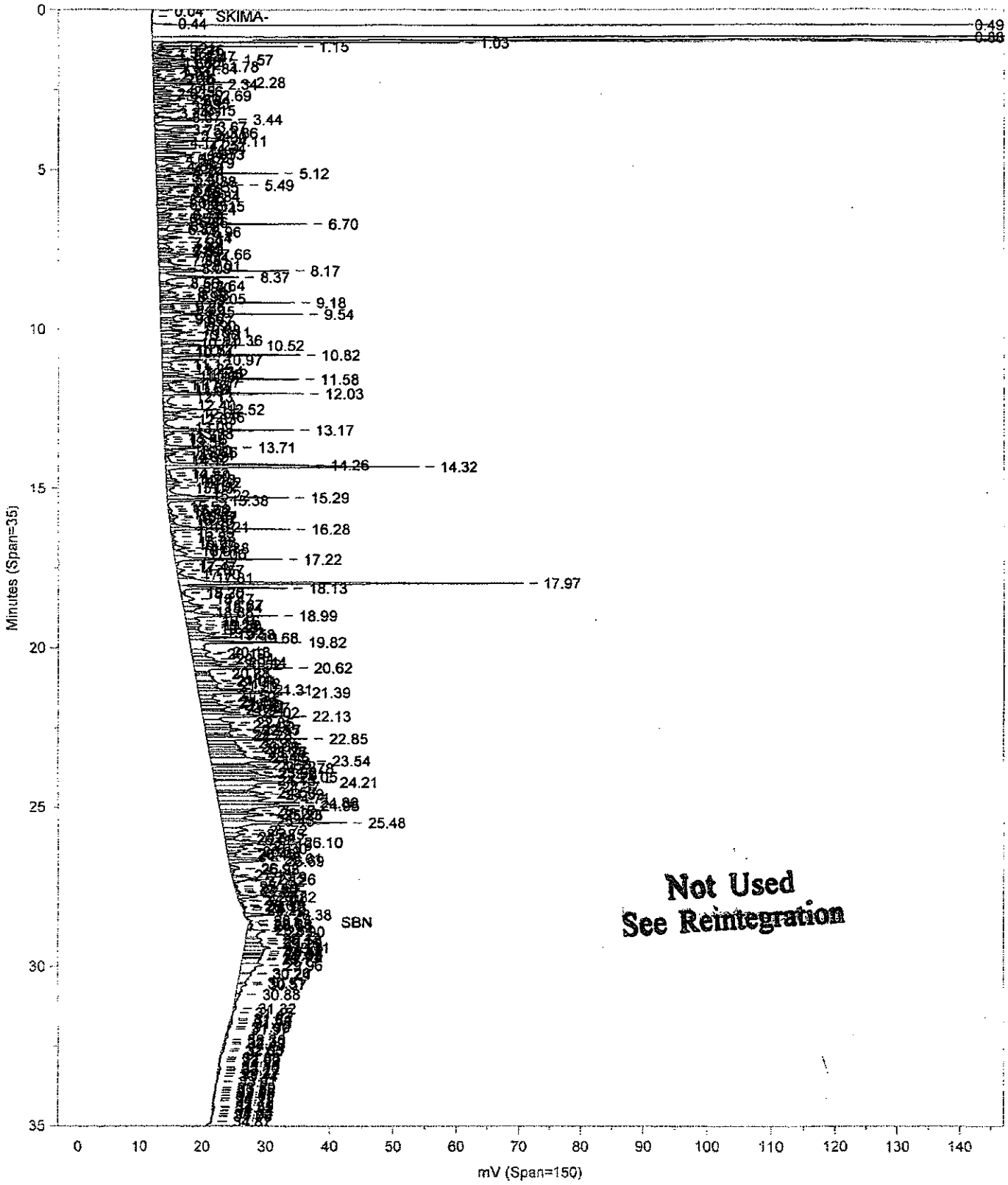
FILES:
Area File: C:\CPWIN\DATA1\P262.29A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 9:54:50 AM
File reported on: 9/19/2008 at 9:54:50 AM

ASX04 1313

MA EPH

5454424P ACAMS15 T 082430018A 05332

C:\CPWIN\DATA1\P262.30R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:12:12 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX04 1314

MA EPH

Sample ID: 5454424P ACAMS15 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
38	3.437	C-9	.1466	34847	.039	12311
56	5.119	C-10	.2026	48202	.033	19517
94	8.171	C-12	.2113	50361	.035	20548
120	10.82	C-14	.2803	67055	.039	22112
141	13.171	C-16	.2346	56939	.04	20589
161	15.291	C-18	.2367	58743	.041	19435
172	16.279	C-19	.215	53240	.041	18976
180	17.223	C-20	.2328	58185	.043	16930
186	17.972	1-Chlorooctadecane	.754	171412	.041	54334
194	18.992	C-22	.2434	58937	.044	14799
209	20.621	C-24	.273	64430	.047	15486
227	22.134	C-26	.2544	61611	.047	13893
242	23.543	C-28	.4029	96153	.053	15688
256	24.861	C-30	.2305	56645	.052	12546
295	28.376	C-36	.077	18253	.064	4417

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	13.121	32.843	2203536.0	7.094
2	16.200	28.470	26.830	67.157	2740635.0	8.823

Total slice amount= 39.951
Total slice amount %= 100.0

Total slice area= 4944171.0
Total slice area %= 15.9

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 2203536
Unadjusted Aliphatics AMOUNT (C9- <C19) = 7.945057 PPM

Unadjusted Aliphatics AREA (C19- C36) = 2740635
Unadjusted Aliphatics AMOUNT (C19- C36) = 9.560726 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.30A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 10:47:16 AM
File reported on: 9/19/2008 at 10:47:17 AM

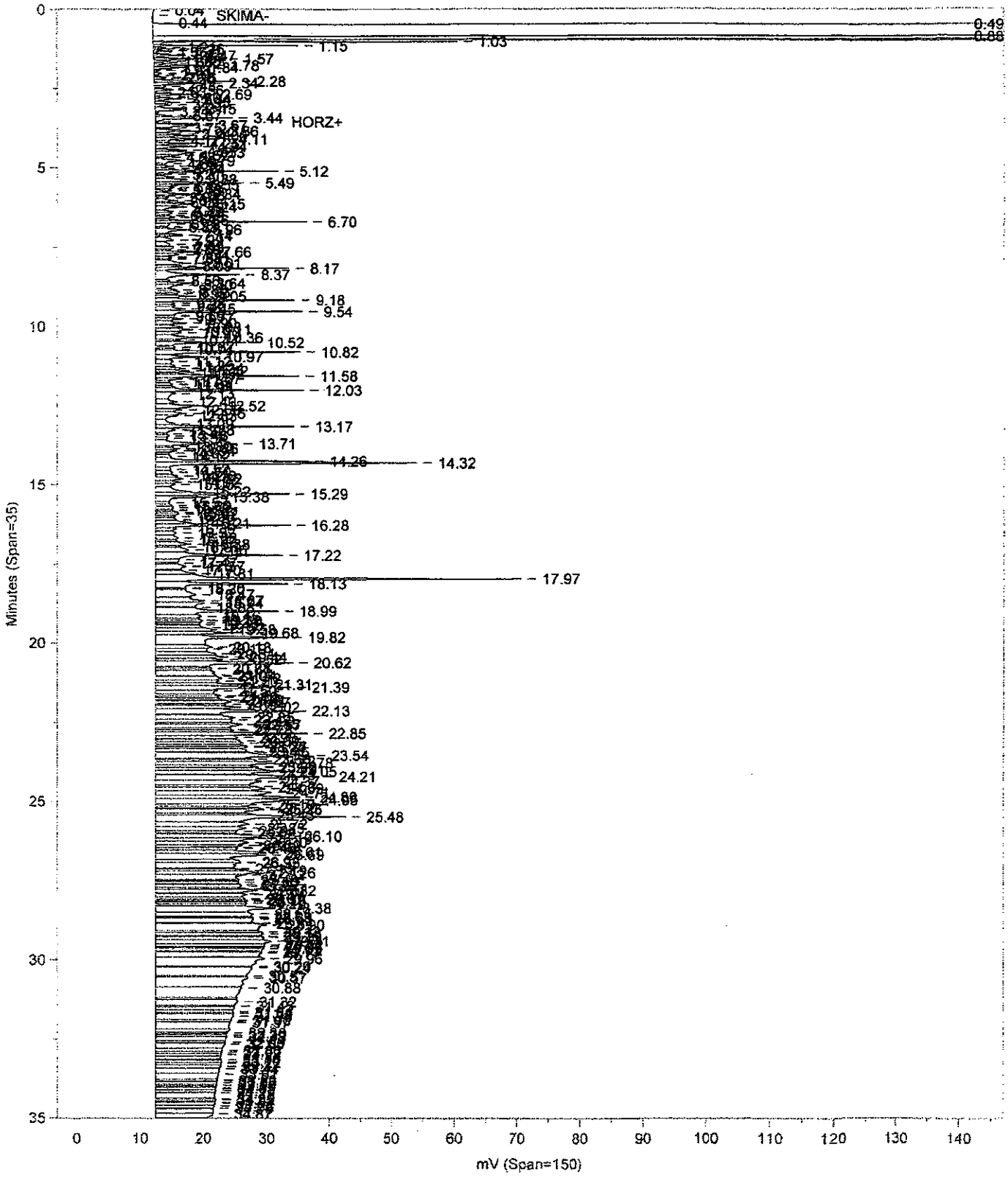
Not Used
See Reintegration

ASX84 1315

MA EPH

5454424P ACAMS15 T 082430018A 05332

C:\CPWIN\DATA1\P262.30R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:12:12 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1316

MA EPH

Sample ID: 5454424P ACAMS15 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
38	3.437	C-9	.1443	34281	.039	12254
56	5.119	C-10	.2088	49693	.033	19739
94	8.171	C-12	.2307	54969	.035	21237
120	10.82	C-14	.32	76559	.039	23207
141	13.171	C-16	.2745	66642	.04	22045
161	15.291	C-18	.2839	70449	.041	21386
172	16.279	C-19	.2928	72510	.041	21481
180	17.223	C-20	.4095	102345	.043	20154
186	17.972	1-Chlorooctadecane	.9856	224073	.041	58215
194	18.992	C-22	.5085	123117	.044	19608
209	20.621	C-24	.5679	134017	.047	21784
227	22.134	C-26	.5935	143710	.047	21570
242	23.543	C-28	.8158	194726	.053	24652
256	24.861	C-30	.4924	121006	.052	22711
295	28.376	C-36	.8189	194075	.064	18633

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	14.622	21.048	2933217.0	7.017
2	16.200	28.470	54.848	78.952	8534233.0	20.417

Total slice amount= 69.470
Total slice amount %= 100.0

Total slice area= 11467450.0
Total slice area %= 27.4

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 2933217
Unadjusted Aliphatics AMOUNT (C9- <C19) = 10.57599 PPM

Unadjusted Aliphatics AREA (C19- C36) = 8534233
Unadjusted Aliphatics AMOUNT (C19- C36) = 29.77174 PPM*

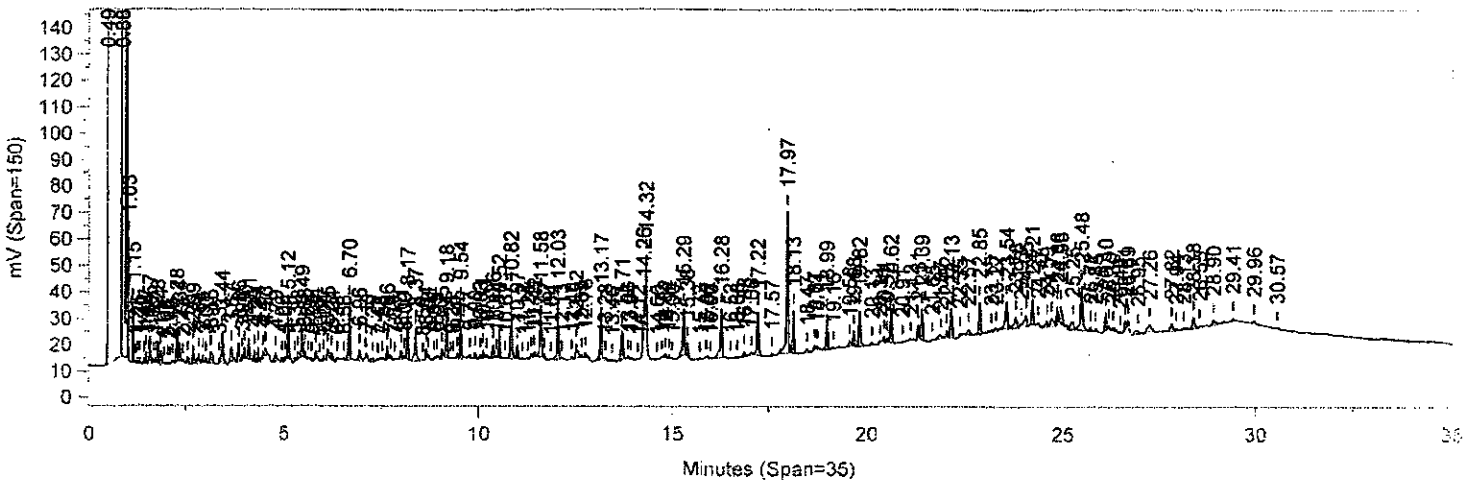
* Needs to have surr. amt. (from replot) subtracted!

M = Manually Integrated
Analyst [illegible]
Approved by [illegible]
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 10:39:22 AM
File reported on: 9/22/2008 at 10:39:21 AM

ASXB4 1317

MA EPH
5454424P ACAMS15 T 082430018A 05332
C:\CPWIN\DATA1\P262.30R



Sample Name:5454424P ACAMS15 T 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:12:12 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
30	3.437	C-9	.1241	29482	.039	11532
43	5.119	C-10	.1465	34853	.033	17461
68	8.171	C-12	.1746	41613	.035	19158
90	10.82	C-14	.2385	57054	.039	20776
105	13.171	C-16	.2321	56334	.042	19821
119	15.291	C-18	.2159	53580	.045	17472
125	16.279	C-19	.2512	62225	.042	18544
130	17.223	C-20	.1939	48471	.043	16187
132	17.972	1-Chlorooctadecane	.7314	166278	.042	53457
137	18.992	C-22	.1618	39188	.044	13343
146	20.621	C-24	.1611	38029	.046	12983
154	22.134	C-26	.1347	32618	.047	11096
160	23.543	C-28	.1633	38973	.053	10408
168	24.861	C-30	.0791	19435	.051	6633
185	28.376	C-36	.077	18253	.064	4417

1-CHLOROOCTADECANE % RECOVERY = 35.39885 %

TOTAL SURROGATE AMOUNT = 0.731411 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.30A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 10:47:24 AM
File reported on: 9/19/2008 at 10:47:23 AM

ASX04 1318

Lancaster Laboratories-Range Data Summary

Sample Name: 5454425P AMSSY Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: ASX04 State: DE
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 031 Injected on : 9/19/08 11:02:12 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : REPLOT1M.MET AROMPSUM.MET

P262 032 Injected on : 9/19/08 11:52:41 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : REPLOT1P.MET ALIPPSUM.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	107.7%	Conc.:	2.272718
SS O-TERPHENYL	111.8%	Conc.:	2.236936
1-CHLOROOCTADECANE	*28.5%	Conc.:	0.606153

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	3851004	13.8852	6	6		ppm
C19-C36	16.20 - 28.47	14629631	50.4294	12	12		ppm
C11-C22	7.69 - 26.07	28042813	83.6255	12	12		ppm
C11-C22*MDL	7.69 - 26.07	28042813	82.0404	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	28042813	92.1065	12	12		ppm
Naphthalene	7.78	83537	0.3147	<0.5	0.1	J	ppm
2-Methylnaphthalene	9.32	161263	0.6477	0.5	0.1		ppm
2-Fluorobiphenyl	10.30	520878	2.2727				ppm
Acenapthylene	11.24	24740	0.1029	<0.5	0.1	J	ppm
Acenaphthene	11.67	2147	0.0082	<0.5	<0.1		ppm
Fluorene	12.81	10620	0.0401	<0.5	<0.1		ppm
Phenanthrene	14.88	156115	0.5768	0.5	0.1		ppm
Anthracene	14.98	41959	0.1765	<0.5	0.1	J	ppm
SS o-Terphenyl	16.08	622500	2.2369				ppm
Fluoranthene	17.53	205136	0.7629	0.5	0.1		ppm
Pyrene	17.98	370632	1.3196	0.5	0.1		ppm
Benzo(a)anthracene	20.75	115479	0.4323	<0.5	0.1	J	ppm
Chrysene	20.84	540371	2.0498	0.5	0.1		ppm
Benzo(b)fluoranthene	23.04	490290	1.7368	0.5	0.1		ppm
Benzo(k)fluoranthene	23.05 - 23.10	0	0.0000	<0.5	<0.1		ppm
Benzo(a)pyrene	23.60	217388	0.8565	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.60	137465	0.5309	0.5	0.1		ppm
Dibenzo(a,h)anthrace	25.71	42258	0.1590	<0.5	0.1	J	ppm
Benzo(ghi)perylene	25.98	106807	0.3997	<0.5	0.1	J	ppm
1-Chlorooctadecane	17.97	137802	0.6062				ppm

Comments:

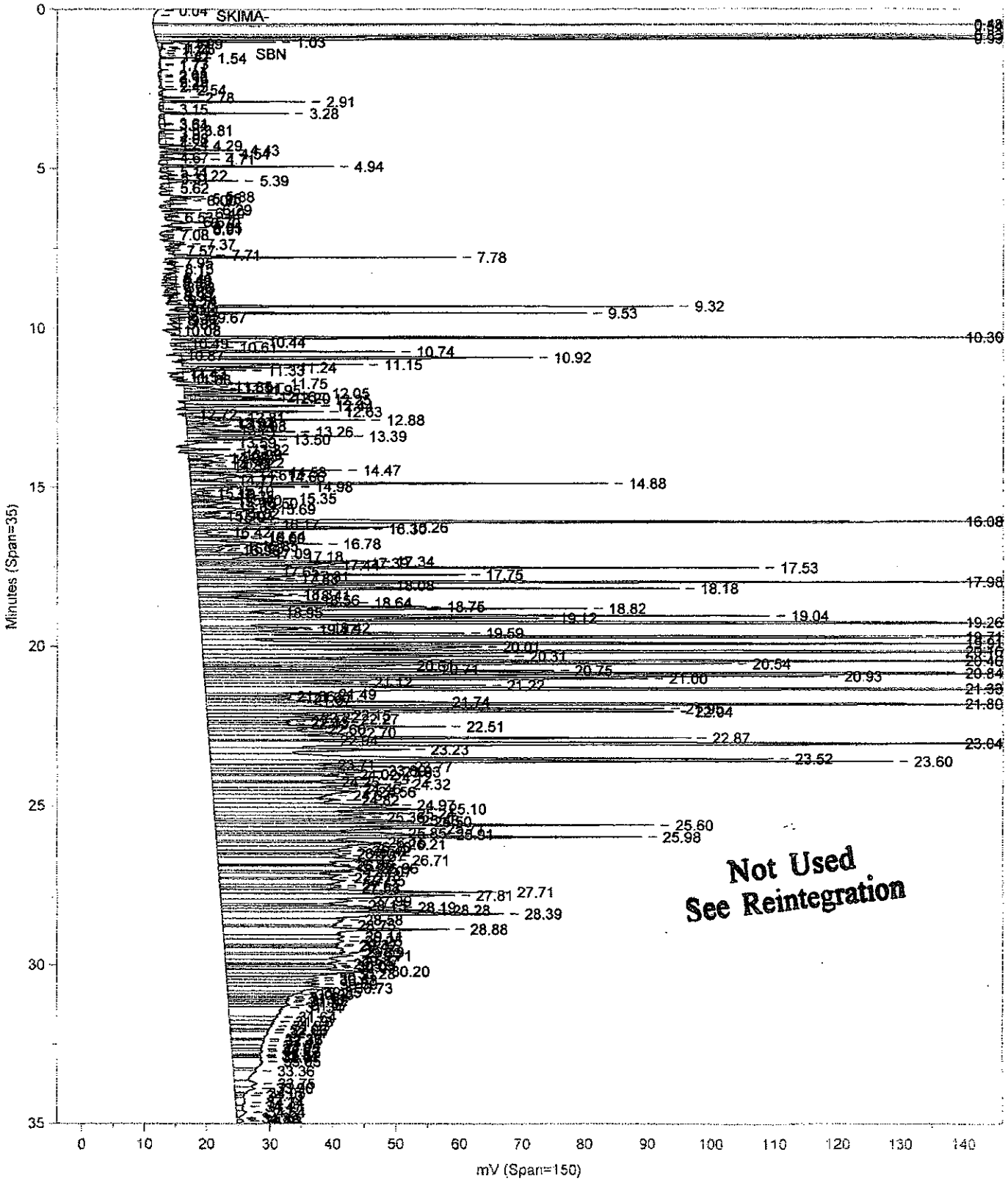
ASX04 1319

Reviewed by: Gmyn Date: 9/23/08
Verified by: [illegible] 375 Date: 9-23-08

MA EPH

5454425M ABAMSSY T 082430018A 05332

C:\CPWIN\DATA1\P262.31R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 11:02:11 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1328

MA EPH

Sample ID: 5454425M ABAMSSY T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
69	7.78	Naphthalene	.31291	83072	.031	45370
89	9.317	2-Methylnaphthalene	.6162	153422	.032	78797
101	10.302	2-Fluorobiphenyl	2.22001	508799	.034	241969
110	11.243	Acenapthylene	.11533	27717	.032	15234
129	12.807	Fluorene	.04979	13197	.037	6396
152	14.878	Phenanthrene	.59885	162076	.037	66226
153	14.978	Anthracene	.19979	47496	.04	16400
166	16.082	SS o-Terphenyl	2.38561	663873	.038	239773
182	17.532	Fluoranthene	.89764	241365	.039	89301
187	17.981	Pyrene	1.55467	436642	.04	156334
212	20.754	Benzo(a)anthracene	.61053	163102	.04	55631
213	20.839	Chrysene	2.6261	692300	.042	234213
237	23.039	Benzo(b)fluoranthene	2.39957	677405	.071	132913
240	23.6	Benzo(a)pyrene	1.52455	386940	.043	108224
259	25.602	Indeno(1,2,3-cd)pyre	1.0368	268439	.043	69850
260	25.707	Dibenzo(a,h)anthrace	.73516	195431	.044	33304
263	25.979	Benzo(ghi)perylene	1.16912	312373	.043	67645

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	190.526	100.000	21779530.0	44.990

Total slice amount= 190.526 Total slice area= 21779530.0
Total slice amount %= 100.0 Total slice area %= 45.0

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.177953E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 75.03725 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.31A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 11:37:16 AM
File reported on: 9/19/2008 at 11:37:15 AM

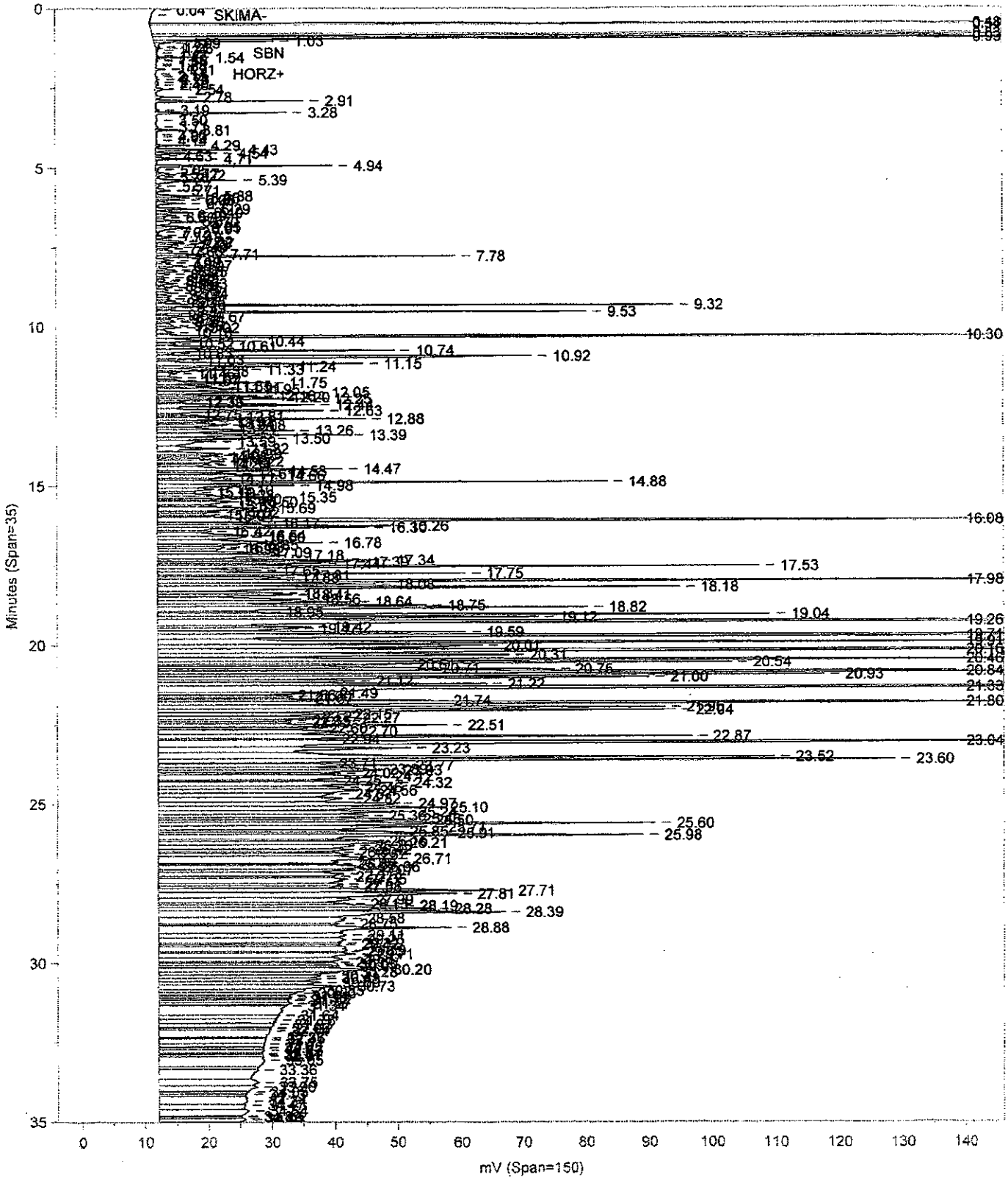
Not Used
See Reintegration

ASX84 1321

MA EPH

5454425M ABAMSSY T 082430018A 05332

C:\CPWIN\DATA1\P262.31R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 11:02:11 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1322

MA EPH

Sample ID: 5454425M ABAMSSY T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
69	7.78	Naphthalene	.37117	98539	.031	47942
89	9.317	2-Methylnaphthalene	.70042	174392	.032	81944
101	10.302	2-Fluorobiphenyl	2.34765	538051	.034	245485
110	11.243	Acenapthylene	.17975	43201	.032	19103
115	11.672	Acenaphthene	.04702	12366	.036	3755
129	12.807	Fluorene	.11695	31002	.037	10849
152	14.878	Phenanthrene	.74041	200389	.037	71455
153	14.978	Anthracene	.37721	89675	.04	21666
166	16.082	SS o-Terphenyl	2.58926	720547	.038	245453
182	17.532	Fluoranthene	1.06735	286997	.039	95524
187	17.981	Pyrene	1.71393	481371	.04	162725
212	20.754	Benzo(a)anthracene	.72175	192816	.04	63059
213	20.839	Chrysene	2.79588	737058	.042	241672
237	23.039	Benzo(b)fluoranthene	2.76204	779728	.071	141196
240	23.6	Benzo(a)pyrene	1.79251	454951	.043	116717
259	25.602	Indeno(1,2,3-cd)pyre	1.27481	330062	.043	79092
260	25.707	Dibenzo(a,h)anthrace	1.01471	269746	.044	42585
263	25.979	Benzo(ghi)perylene	1.49732	400063	.043	77028

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	221.101	100.000	28042820.0	46.130

Total slice amount= 221.101
Total slice amount %= 100.0

Total slice area= 28042820.0
Total slice area %= 46.1

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.804282E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 96.61621 PPM*

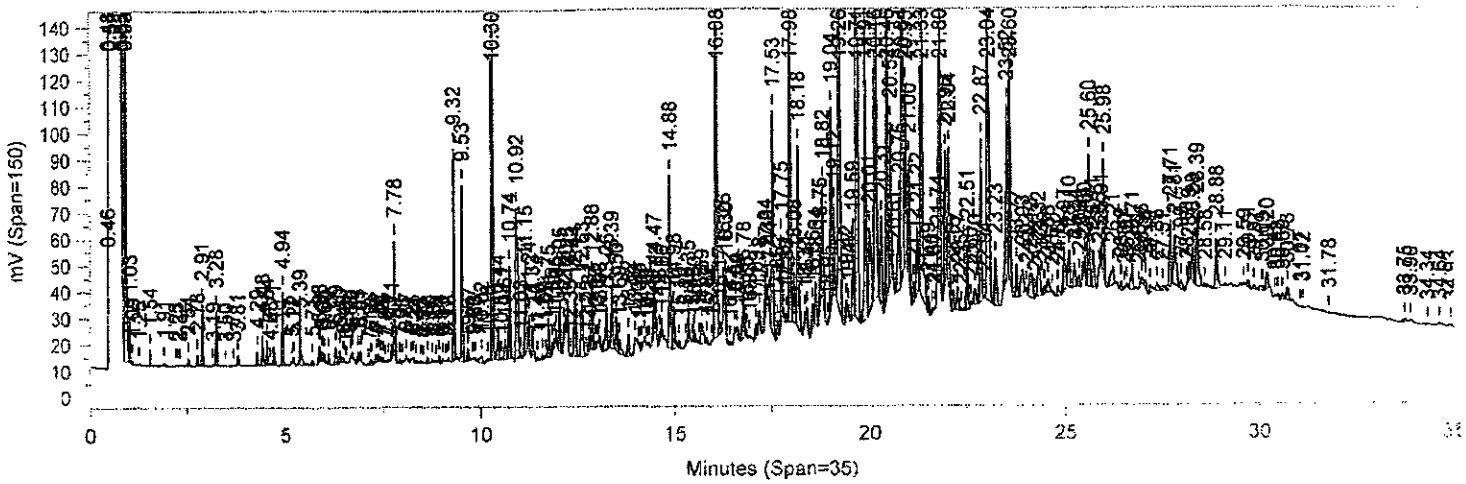
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 10:45:00 AM
File reported on: 9/22/2008 at 10:44:59 AM

M= Manually Integrated
Analyst [signature] 9/22/08
Approved by [signature] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX04 1223

MA EPH
5454425M ABAMSSY T 082430018A 05332
C:\CPWIN\DATA1\P262.31R



Sample Name:5454425M ABAMSSY T 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 11:02:11 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
52	7.78	Naphthalene	.3147	83537	.031	44793
68	9.317	2-Methylnaphthalene	.6477	161263	.032	79904
75	10.302	2-Fluorobiphenyl	2.2727	520878	.034	243405
83	11.243	Acenapthylene	.1029	24740	.032	14194
87	11.672	Acenaphthene	.0082	2147	.036	1097
100	12.807	Fluorene	.0401	10620	.037	5538
120	14.878	Phenanthrene	.5768	156115	.037	65502
121	14.978	Anthracene	.1765	41959	.04	15799
131	16.082	SS o-Terphenyl	2.2369	622500	.038	235260
146	17.532	Fluoranthene	.7629	205136	.039	84360
151	17.981	Pyrene	1.3196	370632	.04	146921
175	20.754	Benzo(a)anthracene	.4323	115479	.042	35422
176	20.839	Chrysene	2.0498	540371	.042	208891
197	23.039	Benzo(b)fluoranthene	1.7368	490290	.071	117250
200	23.6	Benzo(a)pyrene	.8565	217388	.043	85277
217	25.602	Indeno(1,2,3-cd)pyre	.5309	137465	.043	50188
218	25.707	Dibenzo(a,h)anthrace	.159	42258	.044	14044
221	25.979	Benzo(ghi)perylene	.3997	106807	.043	43521

2-FLUOROBIPHENYL % RECOVERY = 108.2865 %
o-TERPHENYL % RECOVERY = 111.8468 %

TOTAL SURROGATE AMOUNT = 4.509654 PPM

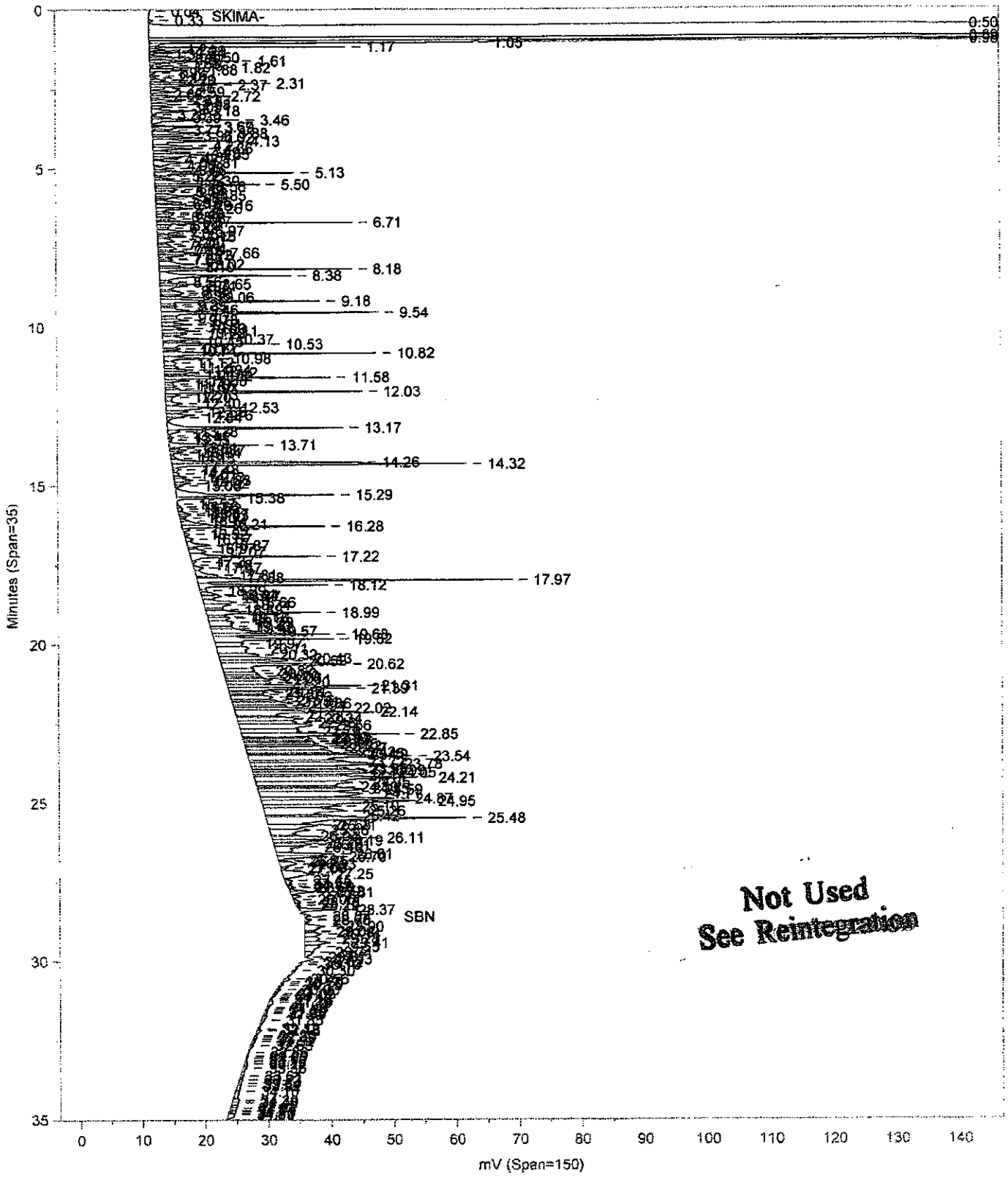
FILES:
Area File: C:\CPWIN\DATA1\P262.31A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 11:37:22 AM
File reported on: 9/19/2008 at 11:37:22 AM

ASX04 1324

MA EPH

5454425P ACAMSSY T 082430018A 05332

C:\CPWIN\DATA1\P262.32R



Not Used
See Reintegration

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 11:52:40 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1

ASX84 1325

MA EPH

Sample ID: 5454425P ACAMSSY T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
37	3.39	C-9	.0352	8363	.041	3091
56	5.135	C-10	.2331	55466	.033	22295
96	8.179	C-12	.3146	74962	.036	30586
121	10.824	C-14	.4086	97750	.038	33863
142	13.174	C-16	.3655	88721	.043	27990
161	15.294	C-18	.3767	93485	.044	25079
172	16.282	C-19	.2683	66442	.043	22835
179	17.223	C-20	.2896	72372	.043	20663
185	17.973	1-Chlorooctadecane	.6843	155560	.042	50178
194	18.99	C-22	.2894	70077	.043	18095
208	20.619	C-24	.4256	100444	.048	19834
226	22.137	C-26	.4669	113071	.045	19826
243	23.542	C-28	.7208	172034	.047	26055
257	24.866	C-30	.392	96323	.054	21181
293	28.373	C-36	.096	22744	.065	5881

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	17.336	32.305	2804556.0	7.975
2	16.200	28.470	36.328	67.695	5134303.0	14.599

Total slice amount= 53.664
Total slice amount %= 100.0

Total slice area= 7938859.0
Total slice area %= 22.6

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 2804556
Unadjusted Aliphatics AMOUNT (C9- <C19) = 10.11209 PPM

Unadjusted Aliphatics AREA (C19- C36) = 5134303
Unadjusted Aliphatics AMOUNT (C19- C36) = 17.91106 PPM*

* Needs to have surr. amt. (from replot) subtracted!

Not Used
See Reintegration

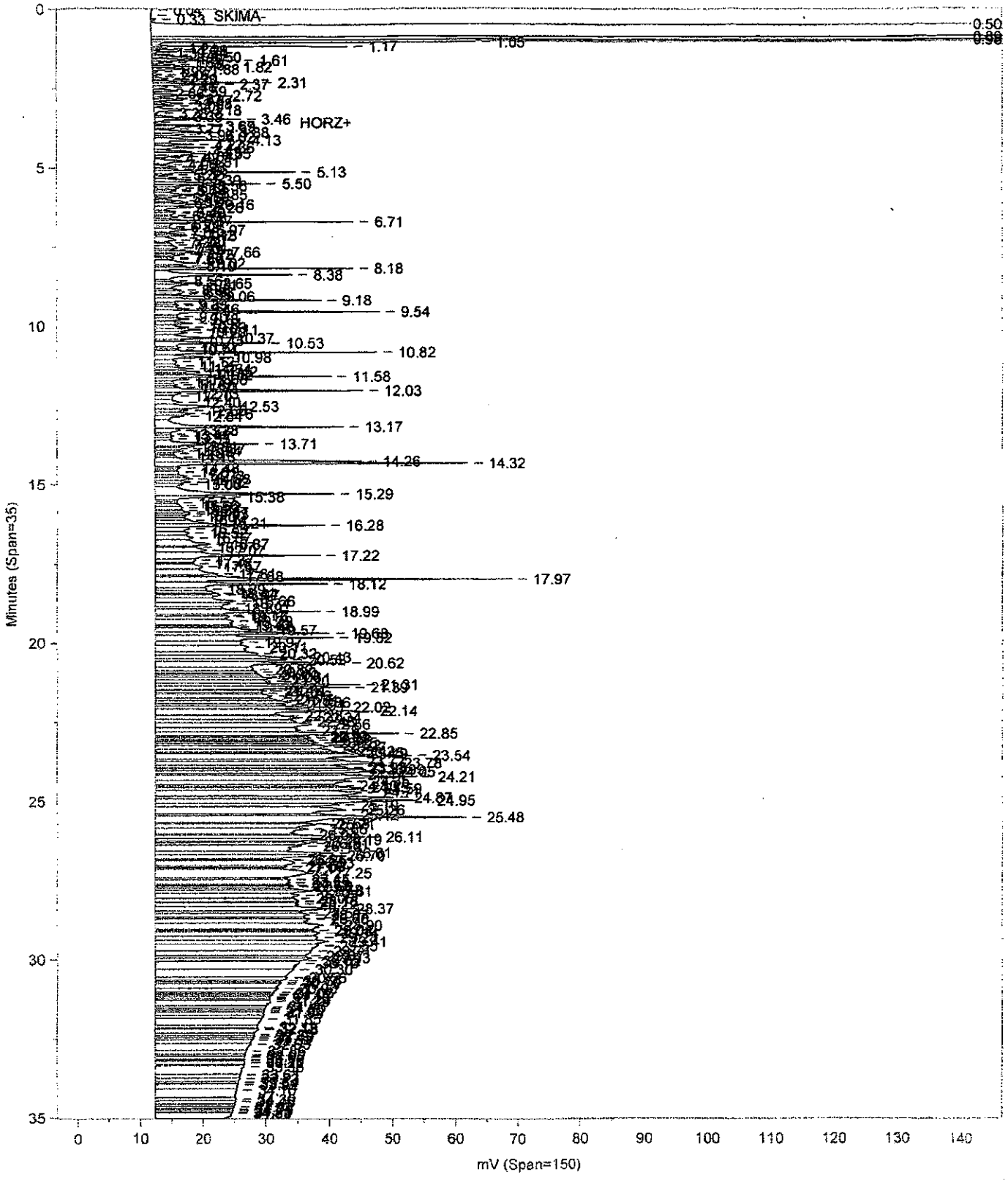
FILES:
Area File: C:\CPWIN\DATA1\P262.32A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 12:27:52 PM
File reported on: 9/19/2008 at 12:28:12 PM

ASX04 1326

MA EPH

5454425P ACAMSSY T 082430018A 05332

C:\CPWIN\DATA1\P262.32R



Instrument ID:CP25--H6610A
Injected on: 9/19/2008 11:52:40 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1

ASX84 1327

MA EPH

Sample ID: 5454425P ACAMSSY T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
37	3.39	C-9	.0316	7500	.041	2940
56	5.135	C-10	.2398	57055	.033	22531
96	8.179	C-12	.3416	81391	.036	31501
121	10.824	C-14	.4632	110818	.038	35368
142	13.174	C-16	.5022	121906	.043	30051
161	15.294	C-18	.6039	149863	.044	28458
172	16.282	C-19	.3879	96068	.043	27064
179	17.223	C-20	.5874	146826	.043	26248
185	17.973	1-Chlorooctadecane	.9668	219795	.042	56828
194	18.99	C-22	.6131	148450	.043	26207
208	20.619	C-24	.9303	219548	.048	30287
226	22.137	C-26	1.0601	256721	.045	32469
243	23.542	C-28	1.3369	319084	.047	40720
257	24.866	C-30	.7737	190135	.054	37748
293	28.373	C-36	.8922	211445	.065	28537

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	21.822	22.426	3851003.0	7.367
2	16.200	28.470	75.484	77.574	14629630.0	27.987

Total slice amount= 97.306
Total slice amount %= 100.0

Total slice area= 18480640.0
Total slice area %= 35.4

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3851003
Unadjusted Aliphatics AMOUNT (C9- <C19) = 13.88515 PPM

Unadjusted Aliphatics AREA (C19- C36) = 1.462963E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 51.03559 PPM*

* Needs to have surr. amt. (from replot) subtracted!

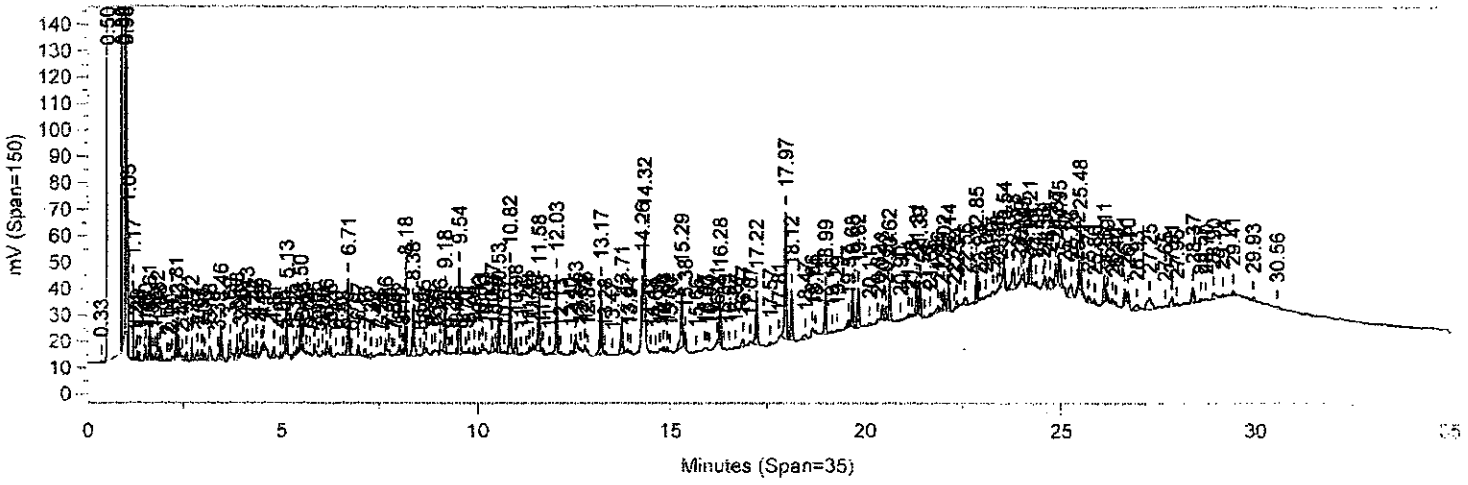
M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 10:50:16 AM
File reported on: 9/22/2008 at 10:50:15 AM

MA EPH

5454425P ACAMSSY T 082430018A 05332

C:\CPWIN\DATA1\P262.32R



Sample Name:5454425P ACAMSSY T 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 11:52:40 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
30	3.39	C-9	.02	4757	.039	2295
44	5.135	C-10	.1674	39825	.033	19873
71	8.179	C-12	.2692	64158	.036	28916
94	10.824	C-14	.3574	85500	.038	32246
110	13.174	C-16	.3275	79492	.043	27074
124	15.294	C-18	.2811	69749	.043	22824
131	16.282	C-19	.2045	50656	.043	20496
137	17.223	C-20	.234	58493	.043	19622
140	17.973	1-Chlorooctadecane	.6062	137802	.042	48096
145	18.99	C-22	.184	44545	.043	15459
155	20.619	C-24	.1853	43736	.048	14582
166	22.137	C-26	.1544	37386	.046	13089
176	23.542	C-28	.1818	43388	.051	12765
187	24.866	C-30	.0957	23525	.054	8122
206	28.373	C-36	.0962	22809	.065	5882

1-CHLOROOCTADECANE % RECOVERY = 29.33663 %

TOTAL SURROGATE AMOUNT = 0.6061534 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.32A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 12:28:48 PM
File reported on: 9/19/2008 at 12:29:02 PM

ASX04 1329

Standards Data

ASX84 1338

Calibration File Name: **C:\CPWIN\DATA1\MAMP242A.CAL** Version = 24
External standard calibration
No injection volume correction
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units =
20 components with 5 levels each

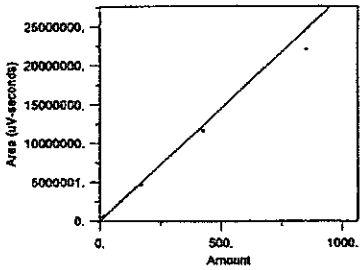
CAL from P242.13R-17R

RLB/375
8-2-08

1 AROM AVG RF

Retention time = 0.001 min., Search window = 0.001 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 29024.96
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	17.000	597997.0	35176.29	Manual	9/2/2008 2:40:18
2	85.000	2476381.0	29133.89	Manual	9/2/2008 10:44:3
3	170.000	4678714.0	27521.85	Manual	9/2/2008 10:44:3
4	425.000	11594490.0	27281.15	Manual	9/2/2008 10:44:3
5	850.000	22109860.0	26011.6	Manual	9/2/2008 10:44:3



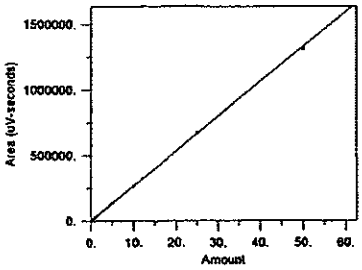
Calibration formula: Y = 29024.96 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9767, Average error = 8.63%
Average CF = 29024.9600 with RSD = 12.45%

2 Naphthalene

Retention time = 7.769 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26582.9	26582.91	Manual	9/2/2008 2:40:18
2	5.000	134378.1	26875.62	Manual	9/2/2008 10:44:3
3	10.000	264387.8	26438.78	Manual	9/2/2008 10:44:3
4	25.000	667270.5	26690.82	Manual	9/2/2008 10:44:3
5	50.000	1307690.0	26153.8	Manual	9/2/2008 10:44:3

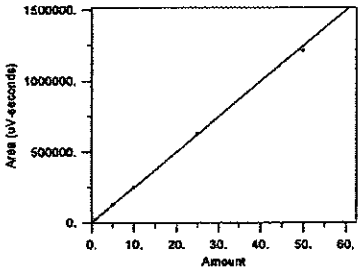
ASXB4 1331



Calibration formula: Y = 26548.39 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9996, Average error = 0.76%
Average CF = 26548.3900 with RSD = 1.03%

3 2-Methylnaphthalene
Retention time = 9.304 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24981.2	24981.19	Manual	9/2/2008 2:40:18
2	5.000	126682.8	25336.56	Manual	9/2/2008 10:44:3
3	10.000	248443.8	24844.38	Manual	9/2/2008 10:44:3
4	25.000	627053.1	25082.13	Manual	9/2/2008 10:44:3
5	50.000	1212311.0	24246.22	Manual	9/2/2008 10:44:3

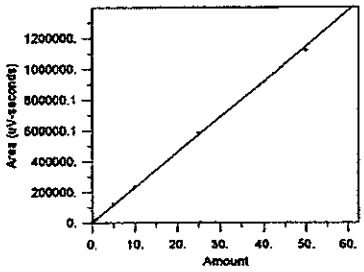


Calibration formula: Y = 24898.09 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.13%
Average CF = 24898.0900 with RSD = 1.63%

4 2-Fluorobiphenyl
Retention time = 10.288 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84 1332

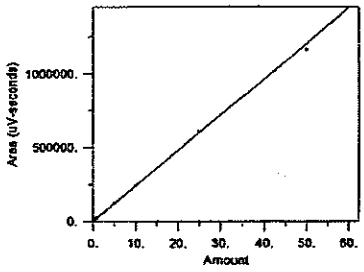
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	22497.6	22497.59	Manual	9/2/2008 2:40:18
2	5.000	117300.3	23460.06	Manual	9/2/2008 10:44:3
3	10.000	230197.5	23019.75	Manual	9/2/2008 10:44:3
4	25.000	581505.5	23260.22	Manual	9/2/2008 10:44:3
5	50.000	1117806.0	22356.12	Manual	9/2/2008 10:44:3



Calibration formula: Y = 22918.75 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.72%
Average CF = 22918.7500 with RSD = 2.09%

5 Acenapthylene
Retention time = 11.226 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23897.2	23897.19	Manual	9/2/2008 2:40:18
2	5.000	123101.5	24620.3	Manual	9/2/2008 10:44:3
3	10.000	242126.6	24212.66	Manual	9/2/2008 10:44:3
4	25.000	605670.7	24226.83	Manual	9/2/2008 10:44:3
5	50.000	1160516.0	23210.32	Manual	9/2/2008 10:44:3



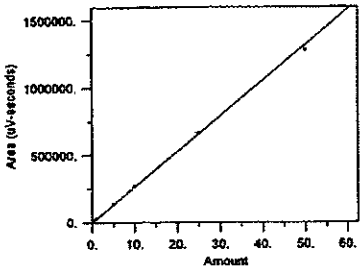
Calibration formula: Y = 24033.46 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.60%
Average CF = 24033.4600 with RSD = 2.19%

8SX04: 1333:

6 Acenaphthene

Retention time = 11.660 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

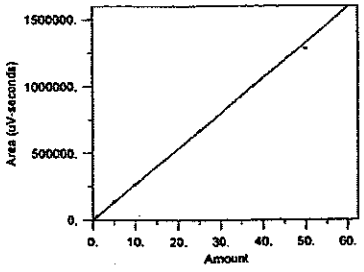
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25994.6	25994.61	Manual	9/2/2008 2:40:18
2	5.000	134121.8	26824.36	Manual	9/2/2008 10:44:3
3	10.000	265193.1	26519.31	Manual	9/2/2008 10:44:3
4	25.000	664653.0	26586.12	Manual	9/2/2008 10:44:3
5	50.000	1279016.0	25580.32	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26300.94 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9987, Average error = 1.56%
Average CF = 26300.9400 with RSD = 1.92%

7 Fluorene
Retention time = 12.791 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26879.3	26879.29	Manual	9/2/2008 2:40:18
2	5.000	135098.2	27019.64	Manual	9/2/2008 10:44:3
3	10.000	264984.1	26498.41	Manual	9/2/2008 10:44:3
4	25.000	663352.0	26534.08	Manual	9/2/2008 10:44:3
5	50.000	1280302.0	25606.04	Manual	9/2/2008 10:44:3

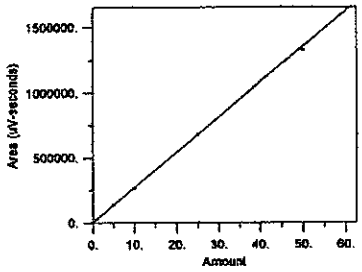


ASX04 1334

Calibration formula: Y = 26507.49 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.37%
Average CF = 26507.4900 with RSD = 2.08%

8 Phenanthrene
Retention time = 14.858 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27579.2	27579.22	Manual	9/2/2008 2:40:18
2	5.000	137037.2	27407.44	Manual	9/2/2008 10:44:3
3	10.000	267183.4	26718.34	Manual	9/2/2008 10:44:3
4	25.000	678533.8	27141.35	Manual	9/2/2008 10:44:3
5	50.000	1323814.0	26476.28	Manual	9/2/2008 10:44:3

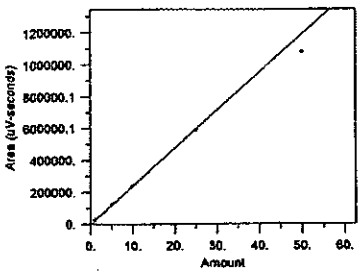


Calibration formula: Y = 27064.53 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 1.38%
Average CF = 27064.5300 with RSD = 1.71%

9 Anthracene
Retention time = 14.956 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24950.9	24950.86	Manual	9/2/2008 2:40:18
2	5.000	124148.2	24829.64	Manual	9/2/2008 10:44:3
3	10.000	240638.0	24063.8	Manual	9/2/2008 10:44:3
4	25.000	586714.8	23468.59	Manual	9/2/2008 10:44:3
5	50.000	1077718.0	21554.36	Manual	9/2/2008 10:44:3

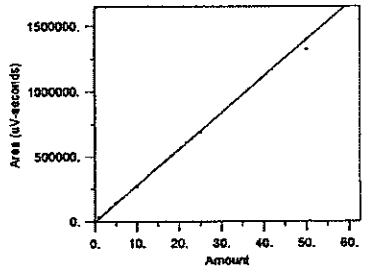
ASX04 1335



Calibration formula: Y = 23773.45 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9831, Average error = 4.25%
Average CF = 23773.4500 with RSD = 5.80%

10 SS o-Terphenyl
Retention time = 16.066 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	30095.3	30095.33	Manual	9/2/2008 2:40:18
2	5.000	140151.5	28030.3	Manual	9/2/2008 10:44:3
3	10.000	272503.6	27250.36	Manual	9/2/2008 10:44:3
4	25.000	685033.4	27401.34	Manual	9/2/2008 10:44:3
5	50.000	1318198.0	26363.96	Manual	9/2/2008 10:44:3

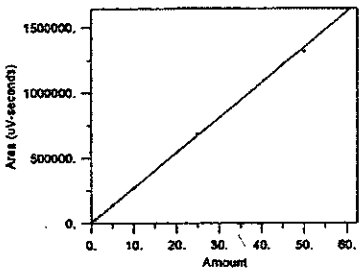


Calibration formula: Y = 27828.26 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9950, Average error = 3.55%
Average CF = 27828.2600 with RSD = 5.03%

11 Fluoranthene
Retention time = 17.510 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84 1336

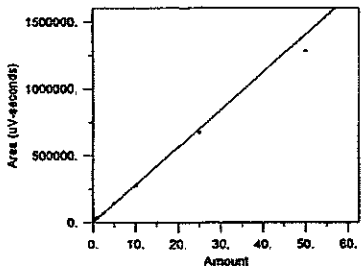
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26752.1	26752.14	Manual	9/2/2008 2:40:18
2	5.000	136113.9	27222.78	Manual	9/2/2008 10:44:3
3	10.000	269188.4	26918.84	Manual	9/2/2008 10:44:3
4	25.000	681652.3	27266.09	Manual	9/2/2008 10:44:3
5	50.000	1314196.0	26283.92	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26888.75 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.10%
Average CF = 26888.7500 with RSD = 1.49%

12 Pyrene
Retention time = 17.953 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	32753.8	32753.75	Manual	9/2/2008 2:40:18
2	5.000	139787.7	27957.54	Manual	9/2/2008 10:44:3
3	10.000	271557.9	27155.79	Manual	9/2/2008 10:44:3
4	25.000	672148.9	26885.96	Manual	9/2/2008 10:44:3
5	50.000	1283814.0	25676.28	Manual	9/2/2008 10:44:3



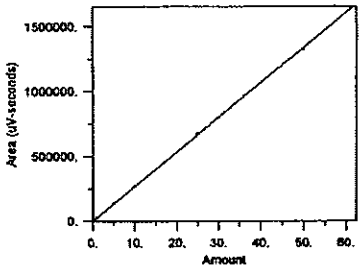
Calibration formula: Y = 28085.86 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9851, Average error = 6.65%
Average CF = 28085.8600 with RSD = 9.74%

ASX84 1337

13 Benzo(a)anthracene

Retention time = 20.729 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

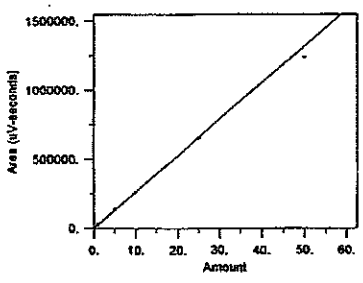
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26173.9	26173.87	Manual	9/2/2008 2:40:18
2	5.000	135165.0	27033	Manual	9/2/2008 10:44:3
3	10.000	268304.6	26830.46	Manual	9/2/2008 10:44:3
4	25.000	677789.1	27111.56	Manual	9/2/2008 10:44:3
5	50.000	1321276.0	26425.52	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26714.88 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9997, Average error = 1.24%
Average CF = 26714.8800 with RSD = 1.51%

14 Chrysene
Retention time = 20.813 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27337.6	27337.55	Manual	9/2/2008 2:40:18
2	5.000	136364.7	27272.94	Manual	9/2/2008 10:44:3
3	10.000	264284.2	26428.42	Manual	9/2/2008 10:44:3
4	25.000	650439.3	26017.57	Manual	9/2/2008 10:44:3
5	50.000	1237745.0	24754.9	Manual	9/2/2008 10:44:3

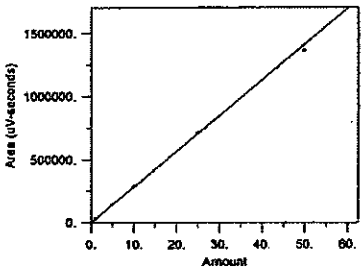


ASX04 1338

Calibration formula: Y = 26362.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9933, Average error = 2.96%
Average CF = 26362.2800 with RSD = 4.02%

15 Benzo(b)fluoranthene
Retention time = 23.008 min., Search window = 0.020 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27669.0	27668.99	Manual	9/2/2008 2:40:18
2	5.000	146003.0	29200.6	Manual	9/2/2008 10:44:3
3	10.000	285826.7	28582.67	Manual	9/2/2008 10:44:3
4	25.000	710347.8	28413.91	Manual	9/2/2008 10:44:3
5	50.000	1364239.0	27284.78	Manual	9/2/2008 10:44:3

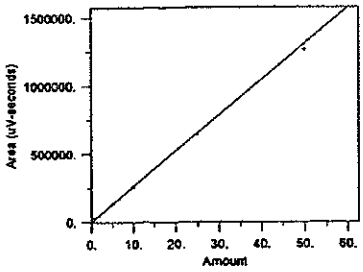


Calibration formula: Y = 28230.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9981, Average error = 2.13%
Average CF = 28230.1900 with RSD = 2.69%

16 Benzo(k)fluoranthene
Retention time = 23.068 min., Search window = 0.020 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27780.4	27780.44	Manual	9/2/2008 2:40:18
2	5.000	130837.2	26167.44	Manual	9/2/2008 10:44:3
3	10.000	257321.2	25732.12	Manual	9/2/2008 10:44:3
4	25.000	643148.0	25725.92	Manual	9/2/2008 10:44:3
5	50.000	1259154.0	25183.08	Manual	9/2/2008 10:44:3

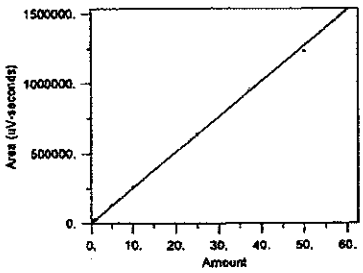
ASX84 1339



Calibration formula: Y = 26117.8 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.62%
Average CF = 26117.8000 with RSD = 3.80%

17 Benzo(a)pyrene
Retention time = 23.586 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25617.5	25617.51	Manual	9/2/2008 2:40:18
2	5.000	129625.3	25925.06	Manual	9/2/2008 10:44:3
3	10.000	254459.5	25445.95	Manual	9/2/2008 10:44:3
4	25.000	633988.8	25359.55	Manual	9/2/2008 10:44:3
5	50.000	1227771.0	24555.42	Manual	9/2/2008 10:44:3

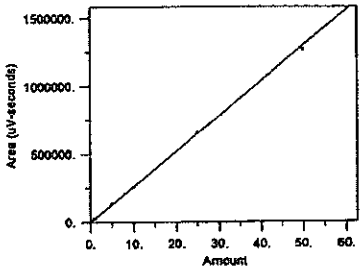


Calibration formula: Y = 25380.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9982, Average error = 1.33%
Average CF = 25380.7000 with RSD = 2.01%

18 Indeno(1,2,3-cd)pyre
Retention time = 25.586 min., Search window = 0.040 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX04 1348

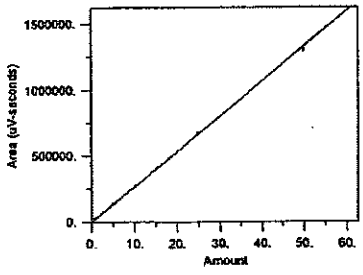
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25589.3	25589.29	Manual	9/2/2008 2:40:18
2	5.000	132430.9	26486.18	Manual	9/2/2008 10:44:3
3	10.000	259368.4	25936.84	Manual	9/2/2008 10:44:3
4	25.000	653392.6	26135.71	Manual	9/2/2008 10:44:3
5	50.000	1265376.0	25307.52	Manual	9/2/2008 10:44:3



Calibration formula: Y = 25891.11 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 25891.1100 with RSD = 1.78%

19 Dibenzo(a,h)anthrace
Retention time = 25.698 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26278.0	26277.98	Manual	9/2/2008 2:40:18
2	5.000	136041.2	27208.24	Manual	9/2/2008 10:44:3
3	10.000	265954.9	26595.49	Manual	9/2/2008 10:44:3
4	25.000	671386.8	26855.47	Manual	9/2/2008 10:44:3
5	50.000	1299041.0	25980.82	Manual	9/2/2008 10:44:3



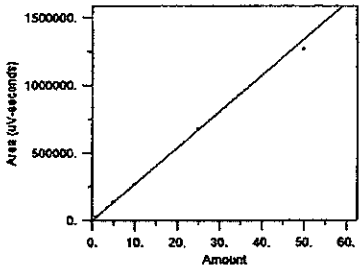
Calibration formula: Y = 26583.6 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 26583.6000 with RSD = 1.81%

ASX04 2341

20 Benzo(ghi)perylene

Retention time = 25.973 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26746.6	26746.64	Manual	9/2/2008 2:40:18
2	5.000	137771.0	27554.2	Manual	9/2/2008 10:44:3
3	10.000	269516.1	26951.61	Manual	9/2/2008 10:44:3
4	25.000	675291.1	27011.64	Manual	9/2/2008 10:44:3
5	50.000	1266459.0	25329.18	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26718.65 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9952, Average error = 2.08%
Average CF = 26718.6500 with RSD = 3.11%

ASX84 1342

Calibration File Name: **C:\CPWIN\DATA1\MAMP242B.CAL** Version = 1
External standard calibration
No injection volume correction
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units =
20 components with 5 levels each

Updated R.T.s from P252.13R

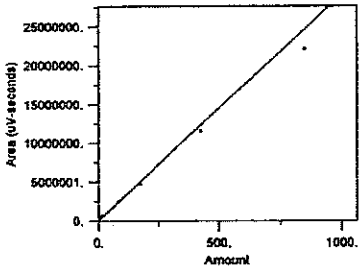
RLB/375 9-11-08

1 AROM AVG RF

Retention time = 0.001 min., Search window = 0.001 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 29024.96
No retention time reference component
Single peak quantification by area

√ TAC/14 9-11-08

Level	Amount	Area	Area/Amt	Source	Date and time
1	17.000	597997.0	35176.29	Manual	9/2/2008 2:40:18
2	85.000	2476381.0	29133.89	Manual	9/2/2008 10:44:3
3	170.000	4678714.0	27521.85	Manual	9/2/2008 10:44:3
4	425.000	11594490.0	27281.15	Manual	9/2/2008 10:44:3
5	850.000	22109860.0	26011.6	Manual	9/2/2008 10:44:3



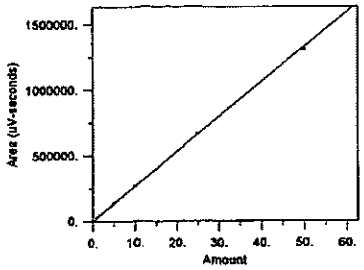
Calibration formula: Y = 29024.96 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9767, Average error = 8.63%
Average CF = 29024.9600 with RSD = 12.45%

2 Naphthalene

Retention time = 7.790 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26582.9	26582.91	Manual	9/2/2008 2:40:18
2	5.000	134378.1	26875.62	Manual	9/2/2008 10:44:3
3	10.000	264387.8	26438.78	Manual	9/2/2008 10:44:3
4	25.000	667270.5	26690.82	Manual	9/2/2008 10:44:3
5	50.000	1307690.0	26153.8	Manual	9/2/2008 10:44:3

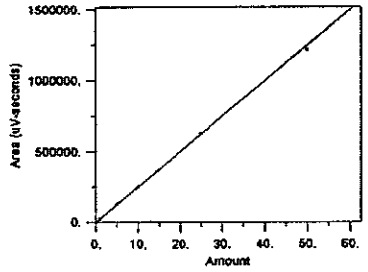
ASX04 1343



Calibration formula: Y = 26548.39 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9996, Average error = 0.76%
Average CF = 26548.3900 with RSD = 1.03%

3 2-Methylnaphthalene
Retention time = 9.330 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24981.2	24981.19	Manual	9/2/2008 2:40:18
2	5.000	126682.8	25336.56	Manual	9/2/2008 10:44:3
3	10.000	248443.8	24844.38	Manual	9/2/2008 10:44:3
4	25.000	627053.1	25082.13	Manual	9/2/2008 10:44:3
5	50.000	1212311.0	24246.22	Manual	9/2/2008 10:44:3

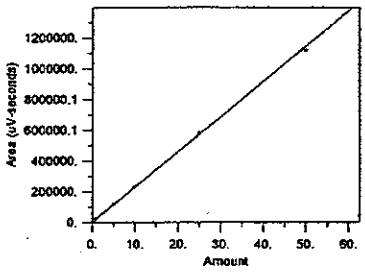


Calibration formula: Y = 24898.09 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.13%
Average CF = 24898.0900 with RSD = 1.63%

4 2-Fluorobiphenyl
Retention time = 10.310 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX04 1344

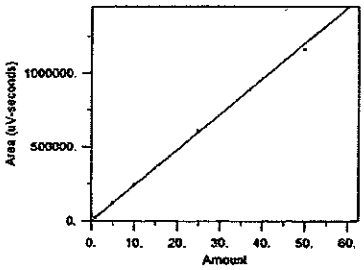
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	22497.6	22497.59	Manual	9/2/2008 2:40:18
2	5.000	117300.3	23460.06	Manual	9/2/2008 10:44:3
3	10.000	230197.5	23019.75	Manual	9/2/2008 10:44:3
4	25.000	581505.5	23260.22	Manual	9/2/2008 10:44:3
5	50.000	1117806.0	22356.12	Manual	9/2/2008 10:44:3



Calibration formula: Y = 22918.75 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.72%
Average CF = 22918.7500 with RSD = 2.09%

5 Acenapthylene
Retention time = 11.260 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23897.2	23897.19	Manual	9/2/2008 2:40:18
2	5.000	123101.5	24620.3	Manual	9/2/2008 10:44:3
3	10.000	242126.6	24212.66	Manual	9/2/2008 10:44:3
4	25.000	605670.7	24226.83	Manual	9/2/2008 10:44:3
5	50.000	1160516.0	23210.32	Manual	9/2/2008 10:44:3



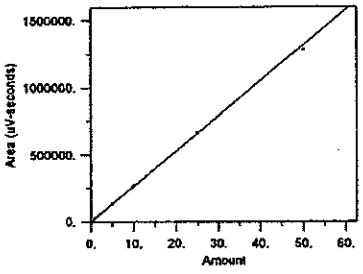
Calibration formula: Y = 24033.46 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.60%
Average CF = 24033.4600 with RSD = 2.19%

ASX04 1345

6 Acenaphthene

Retention time = 11.690 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25994.6	25994.61	Manual	9/2/2008 2:40:18
2	5.000	134121.8	26824.36	Manual	9/2/2008 10:44:3
3	10.000	265193.1	26519.31	Manual	9/2/2008 10:44:3
4	25.000	664653.0	26586.12	Manual	9/2/2008 10:44:3
5	50.000	1279016.0	25580.32	Manual	9/2/2008 10:44:3

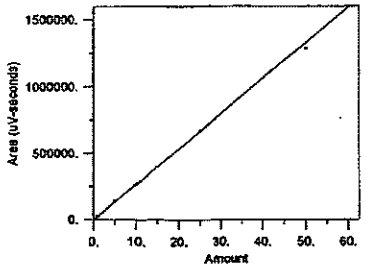


Calibration formula: Y = 26300.94 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9987, Average error = 1.56%
Average CF = 26300.9400 with RSD = 1.92%

7 Fluorene

Retention time = 12.820 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26879.3	26879.29	Manual	9/2/2008 2:40:18
2	5.000	135098.2	27019.64	Manual	9/2/2008 10:44:3
3	10.000	264984.1	26498.41	Manual	9/2/2008 10:44:3
4	25.000	663352.0	26534.08	Manual	9/2/2008 10:44:3
5	50.000	1280302.0	25606.04	Manual	9/2/2008 10:44:3



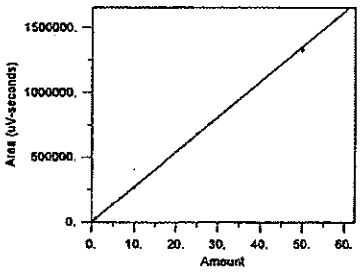
ASX04 1346

Calibration formula: Y = 26507.49 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.37%
Average CF = 26507.4900 with RSD = 2.08%

8 Phenanthrene

Retention time = 14.880 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27579.2	27579.22	Manual	9/2/2008 2:40:18
2	5.000	137037.2	27407.44	Manual	9/2/2008 10:44:3
3	10.000	267183.4	26718.34	Manual	9/2/2008 10:44:3
4	25.000	678533.8	27141.35	Manual	9/2/2008 10:44:3
5	50.000	1323814.0	26476.28	Manual	9/2/2008 10:44:3



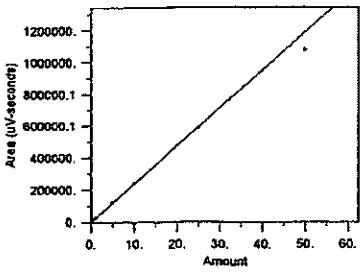
Calibration formula: Y = 27064.53 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 1.38%
Average CF = 27064.5300 with RSD = 1.71%

9 Anthracene

Retention time = 14.980 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24950.9	24950.86	Manual	9/2/2008 2:40:18
2	5.000	124148.2	24829.64	Manual	9/2/2008 10:44:3
3	10.000	240638.0	24063.8	Manual	9/2/2008 10:44:3
4	25.000	586714.8	23468.59	Manual	9/2/2008 10:44:3
5	50.000	1077718.0	21554.36	Manual	9/2/2008 10:44:3

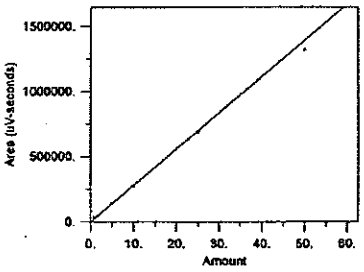
ASX04 1347



Calibration formula: Y = 23773.45 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9831, Average error = 4.25%
Average CF = 23773.4500 with RSD = 5.80%

10 SS o-Terphenyl
Retention time = 16.090 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	30095.3	30095.33	Manual	9/2/2008 2:40:18
2	5.000	140151.5	28030.3	Manual	9/2/2008 10:44:3
3	10.000	272503.6	27250.36	Manual	9/2/2008 10:44:3
4	25.000	685033.4	27401.34	Manual	9/2/2008 10:44:3
5	50.000	1318198.0	26363.96	Manual	9/2/2008 10:44:3

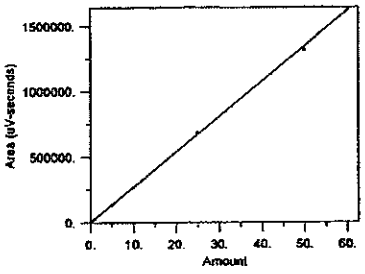


Calibration formula: Y = 27828.26 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9950, Average error = 3.55%
Average CF = 27828.2600 with RSD = 5.03%

11 Fluoranthene
Retention time = 17.530 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84 1348

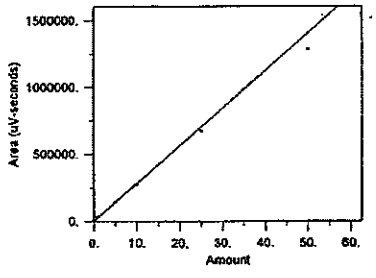
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26752.1	26752.14	Manual	9/2/2008 2:40:18
2	5.000	136113.9	27222.78	Manual	9/2/2008 10:44:3
3	10.000	269188.4	26918.84	Manual	9/2/2008 10:44:3
4	25.000	681652.3	27266.09	Manual	9/2/2008 10:44:3
5	50.000	1314196.0	26283.92	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26888.75 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.10%
Average CF = 26888.7500 with RSD = 1.49%

12 Pyrene
Retention time = 17.980 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	32753.8	32753.75	Manual	9/2/2008 2:40:18
2	5.000	139787.7	27957.54	Manual	9/2/2008 10:44:3
3	10.000	271557.9	27155.79	Manual	9/2/2008 10:44:3
4	25.000	672148.9	26885.96	Manual	9/2/2008 10:44:3
5	50.000	1283814.0	25676.28	Manual	9/2/2008 10:44:3



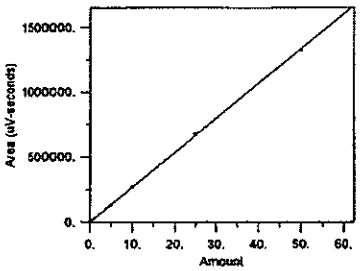
Calibration formula: Y = 28085.86 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9851, Average error = 6.65%
Average CF = 28085.8600 with RSD = 9.74%

13 Benzo(a)anthracene

6SX84. 1349

Retention time = 20.750 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

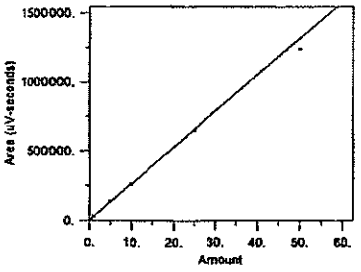
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26173.9	26173.87	Manual	9/2/2008 2:40:18
2	5.000	135165.0	27033	Manual	9/2/2008 10:44:3
3	10.000	268304.6	26830.46	Manual	9/2/2008 10:44:3
4	25.000	677789.1	27111.56	Manual	9/2/2008 10:44:3
5	50.000	1321276.0	26425.52	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26714.88 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9997, Average error = 1.24%
Average CF = 26714.8800 with RSD = 1.51%

14 Chrysene
Retention time = 20.830 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27337.6	27337.55	Manual	9/2/2008 2:40:18
2	5.000	136364.7	27272.94	Manual	9/2/2008 10:44:3
3	10.000	264284.2	26428.42	Manual	9/2/2008 10:44:3
4	25.000	650439.3	26017.57	Manual	9/2/2008 10:44:3
5	50.000	1237745.0	24754.9	Manual	9/2/2008 10:44:3

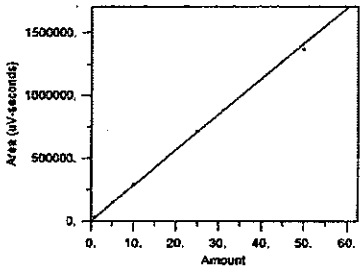


ASX84-1358

Calibration formula: Y = 26362.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9933, Average error = 2.96%
Average CF = 26362.2800 with RSD = 4.02%

15 Benzo(b)fluoranthene
Retention time = 23.020 min., Search window = 0.020 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

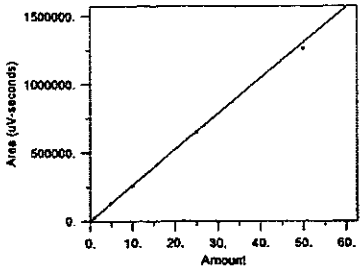
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27669.0	27668.99	Manual	9/2/2008 2:40:18
2	5.000	146003.0	29200.6	Manual	9/2/2008 10:44:3
3	10.000	285826.7	28582.67	Manual	9/2/2008 10:44:3
4	25.000	710347.8	28413.91	Manual	9/2/2008 10:44:3
5	50.000	1364239.0	27284.78	Manual	9/2/2008 10:44:3



Calibration formula: Y = 28230.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9981, Average error = 2.13%
Average CF = 28230.1900 with RSD = 2.69%

16 Benzo(k)fluoranthene
Retention time = 23.070 min., Search window = 0.020 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

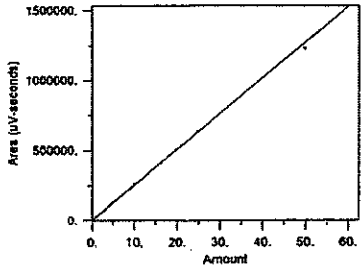
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27780.4	27780.44	Manual	9/2/2008 2:40:18
2	5.000	130837.2	26167.44	Manual	9/2/2008 10:44:3
3	10.000	257321.2	25732.12	Manual	9/2/2008 10:44:3
4	25.000	643148.0	25725.92	Manual	9/2/2008 10:44:3
5	50.000	1259154.0	25183.08	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26117.8 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.62%
Average CF = 26117.8000 with RSD = 3.80%

17 Benzo(a)pyrene
Retention time = 23.590 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25617.5	25617.51	Manual	9/2/2008 2:40:18
2	5.000	129625.3	25925.06	Manual	9/2/2008 10:44:3
3	10.000	254459.5	25445.95	Manual	9/2/2008 10:44:3
4	25.000	633988.8	25359.55	Manual	9/2/2008 10:44:3
5	50.000	1227771.0	24555.42	Manual	9/2/2008 10:44:3

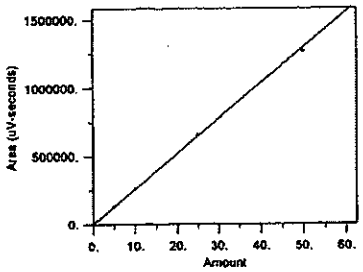


Calibration formula: Y = 25380.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9982, Average error = 1.33%
Average CF = 25380.7000 with RSD = 2.01%

18 Indeno(1,2,3-cd)pyre
Retention time = 25.590 min., Search window = 0.040 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84 1352

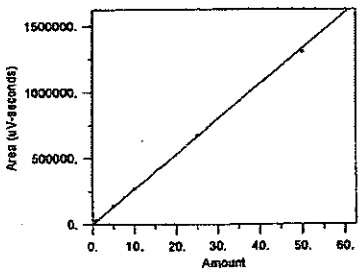
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25589.3	25589.29	Manual	9/2/2008 2:40:18
2	5.000	132430.9	26486.18	Manual	9/2/2008 10:44:3
3	10.000	259368.4	25936.84	Manual	9/2/2008 10:44:3
4	25.000	653392.6	26135.71	Manual	9/2/2008 10:44:3
5	50.000	1265376.0	25307.52	Manual	9/2/2008 10:44:3



Calibration formula: Y = 25891.11 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 25891.1100 with RSD = 1.78%

19 Dibenzo(a,h)anthrace
Retention time = 25.700 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26278.0	26277.98	Manual	9/2/2008 2:40:18
2	5.000	136041.2	27208.24	Manual	9/2/2008 10:44:3
3	10.000	265954.9	26595.49	Manual	9/2/2008 10:44:3
4	25.000	671386.8	26855.47	Manual	9/2/2008 10:44:3
5	50.000	1299041.0	25980.82	Manual	9/2/2008 10:44:3



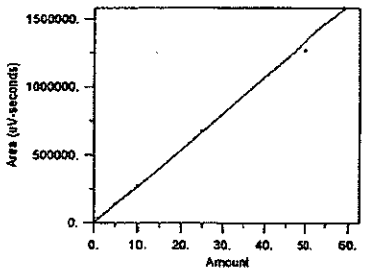
Calibration formula: Y = 26583.6 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 26583.6000 with RSD = 1.81%

20 Benzo(ghi)perylene

ASX64 1353

Retention time = 25.970 min., Search window = 0.050 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26746.6	26746.64	Manual	9/2/2008 2:40:18
2	5.000	137771.0	27554.2	Manual	9/2/2008 10:44:3
3	10.000	269516.1	26951.61	Manual	9/2/2008 10:44:3
4	25.000	675291.1	27011.64	Manual	9/2/2008 10:44:3
5	50.000	1266459.0	25329.18	Manual	9/2/2008 10:44:3



Calibration formula: Y = 26718.65 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9952, Average error = 2.08%
Average CF = 26718.6500 with RSD = 3.11%

ASX84 1354

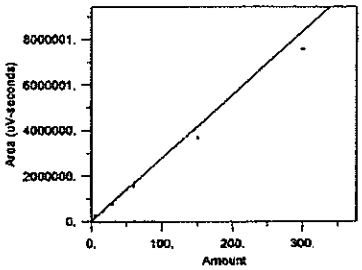
Calibration File Name: **C:\CPWIN\DATA1\MAPP242A.CAL** Version = 9
External standard calibration
No injection volume correction
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units =
17 components with 5 levels each

ICAL from P242.19-23R
MCB/375 8 9-2-08
③MCB/375
9-2-08

1 C9 to C18 Aliphatics

Retention time = 0.001 min., Search window = 0.001 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 27734.68
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	6.017	225301.0	37444.07	Manual	9/2/2008 10:40:0
2	30.085	791809.0	26319.06	Manual	9/2/2008 10:40:0
3	60.170	1537501.0	25552.62	Manual	9/2/2008 10:40:0
4	150.425	3651059.0	24271.62	Manual	9/2/2008 10:40:0
5	300.850	7547136.0	25086.04	Manual	9/2/2008 10:40:0



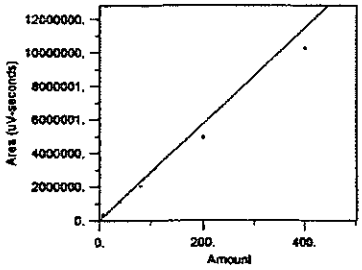
Calibration formula: Y = 27734.68 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9738, Average error = 14.00%
Average CF = 27734.6800 with RSD = 19.75%

2 C19 to C36 Aliphatic

Retention time = 0.002 min., Search window = 0.002 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 28665.55
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	8.020	322158.5	40169.39	Manual	9/2/2008 10:40:0
2	40.100	1102461.0	27492.79	Manual	9/2/2008 10:40:0
3	80.200	2050421.0	25566.35	Manual	9/2/2008 10:40:0
4	200.500	4918472.0	24531.03	Manual	9/2/2008 10:40:0
5	401.000	10252850.0	25568.21	Manual	9/2/2008 10:40:0

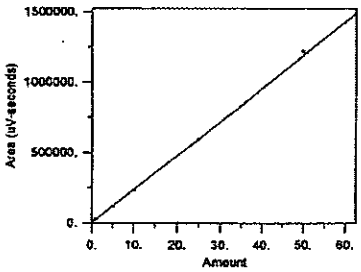
ASX84 1355



Calibration formula: Y = 28665.56 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9647, Average error = 16.05%
Average CF = 28665.5500 with RSD = 22.74%

3 C-9
Retention time = 3.403 min., Search window = 0.070 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24065.3	24065.32	Manual	9/2/2008 10:40:0
2	5.000	117513.0	23502.6	Manual	9/2/2008 10:40:0
3	10.000	232389.4	23238.94	Manual	9/2/2008 10:40:0
4	25.000	590905.1	23636.21	Manual	9/2/2008 10:40:0
5	50.000	1218666.0	24373.32	Manual	9/2/2008 10:40:0

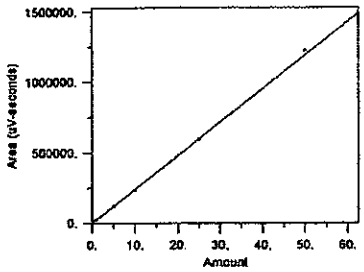


Calibration formula: Y = 23763.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9990, Average error = 1.54%
Average CF = 23763.2800 with RSD = 1.91%

4 C-10
Retention time = 5.105 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84: 1356

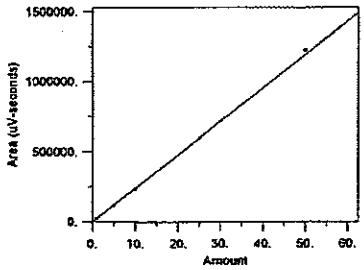
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23965.2	23965.24	Manual	9/2/2008 10:40:0
2	5.000	117980.1	23596.02	Manual	9/2/2008 10:40:0
3	10.000	232904.0	23290.4	Manual	9/2/2008 10:40:0
4	25.000	591483.1	23659.32	Manual	9/2/2008 10:40:0
5	50.000	1223179.0	24463.58	Manual	9/2/2008 10:40:0



Calibration formula: Y = 23794.91 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.41%
Average CF = 23794.9100 with RSD = 1.87%

5 C-12
Retention time = 8.166 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24051.7	24051.66	Manual	9/2/2008 10:40:0
2	5.000	118071.9	23614.38	Manual	9/2/2008 10:40:0
3	10.000	233461.2	23346.12	Manual	9/2/2008 10:40:0
4	25.000	591429.5	23657.18	Manual	9/2/2008 10:40:0
5	50.000	1223902.0	24478.04	Manual	9/2/2008 10:40:0



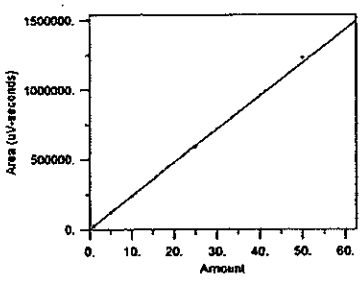
Calibration formula: Y = 23829.48 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.46%
Average CF = 23829.4800 with RSD = 1.85%

ASX84 1357

6 C-14

Retention time = 10.814 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

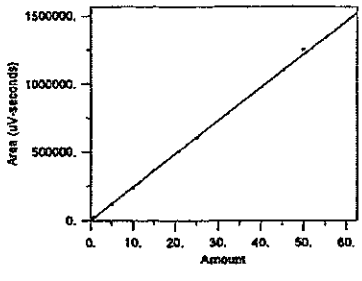
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24294.7	24294.73	Manual	9/2/2008 10:40:0
2	5.000	118145.1	23629.02	Manual	9/2/2008 10:40:0
3	10.000	234041.3	23404.13	Manual	9/2/2008 10:40:0
4	25.000	591099.3	23643.97	Manual	9/2/2008 10:40:0
5	50.000	1232721.0	24654.42	Manual	9/2/2008 10:40:0



Calibration formula: Y = 23925.25 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9985, Average error = 1.84%
Average CF = 23925.2500 with RSD = 2.20%

7 C-16
Retention time = 13.166 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24825.2	24825.19	Manual	9/2/2008 10:40:0
2	5.000	119618.8	23923.76	Manual	9/2/2008 10:40:0
3	10.000	236845.3	23684.53	Manual	9/2/2008 10:40:0
4	25.000	597036.6	23881.46	Manual	9/2/2008 10:40:0
5	50.000	1253051.0	25061.02	Manual	9/2/2008 10:40:0

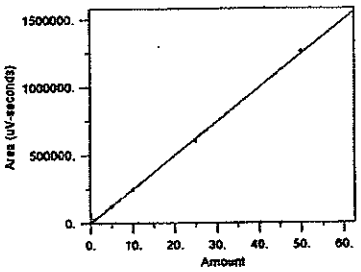


ASX04 1358

Calibration formula: Y = 24275.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9983, Average error = 2.20%
Average CF = 24275.1900 with RSD = 2.56%

8 C-18
Retention time = 15.287 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26332.0	26331.96	Manual	9/2/2008 10:40:0
2	5.000	121254.6	24250.92	Manual	9/2/2008 10:40:0
3	10.000	241672.3	24167.23	Manual	9/2/2008 10:40:0
4	25.000	602110.1	24084.4	Manual	9/2/2008 10:40:0
5	50.000	1262350.0	25247	Manual	9/2/2008 10:40:0

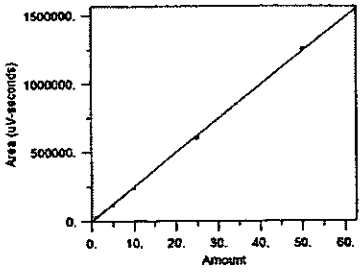


Calibration formula: Y = 24816.3 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 3.14%
Average CF = 24816.3000 with RSD = 3.91%

9 C-19
Retention time = 16.274 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26999.7	26999.73	Manual	9/2/2008 10:40:0
2	5.000	119190.0	23838	Manual	9/2/2008 10:40:0
3	10.000	239456.7	23945.67	Manual	9/2/2008 10:40:0
4	25.000	599322.3	23972.89	Manual	9/2/2008 10:40:0
5	50.000	1254291.0	25085.82	Manual	9/2/2008 10:40:0

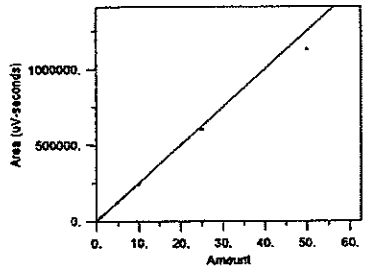
ASX84 1359



Calibration formula: Y = 24768.42 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9993, Average error = 4.12%
Average CF = 24768.4200 with RSD = 5.44%

10 C-20
Retention time = 17.216 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

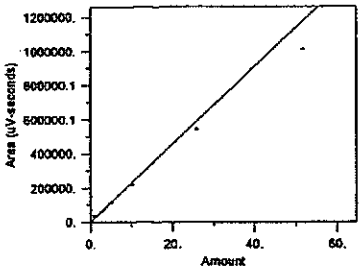
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	29445.1	29445.1	Manual	9/2/2008 10:40:0
2	5.000	122903.6	24580.72	Manual	9/2/2008 10:40:0
3	10.000	243357.8	24335.78	Manual	9/2/2008 10:40:0
4	25.000	601186.0	24047.44	Manual	9/2/2008 10:40:0
5	50.000	1128222.0	22564.44	Manual	9/2/2008 10:40:0



Calibration formula: Y = 24994.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9809, Average error = 7.12%
Average CF = 24994.7000 with RSD = 10.44%

11 1-Chlorooctadecane
Retention time = 17.964 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

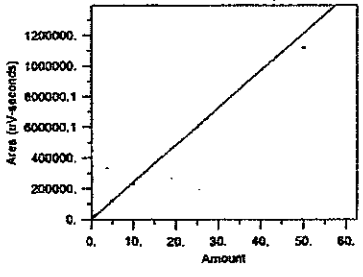
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.033	30850.2	29864.62	Manual	9/2/2008 10:40:0
2	5.166	113519.4	21974.33	Manual	9/2/2008 10:40:0
3	10.331	220695.9	21362.49	Manual	9/2/2008 10:40:0
4	25.827	540863.1	20941.77	Manual	9/2/2008 10:40:0
5	51.655	1008609.0	19525.88	Manual	9/2/2008 10:40:0



Calibration formula: Y = 22733.82 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9533, Average error = 12.55%
Average CF = 22733.8200 with RSD = 17.98%

12 C-22
Retention time = 18.986 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27231.9	27231.9	Manual	9/2/2008 10:40:0
2	5.000	121397.0	24279.4	Manual	9/2/2008 10:40:0
3	10.000	232222.2	23222.22	Manual	9/2/2008 10:40:0
4	25.000	600166.9	24006.68	Manual	9/2/2008 10:40:0
5	50.000	1116173.0	22323.46	Manual	9/2/2008 10:40:0



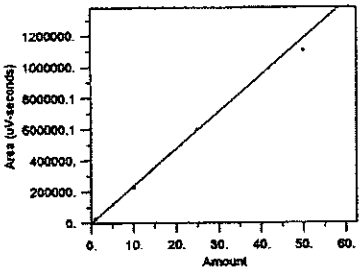
Calibration formula: Y = 24212.73 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9886, Average error = 5.10%
Average CF = 24212.7300 with RSD = 7.65%

aSX84 1361

13 C-24

Retention time = 20.618 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

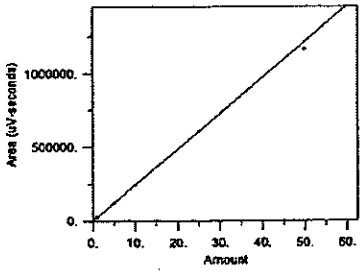
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25631.8	25631.8	Manual	9/2/2008 10:40:0
2	5.000	118206.3	23641.26	Manual	9/2/2008 10:40:0
3	10.000	228038.4	22803.84	Manual	9/2/2008 10:40:0
4	25.000	595916.5	23836.66	Manual	9/2/2008 10:40:0
5	50.000	1104149.0	22082.98	Manual	9/2/2008 10:40:0



Calibration formula: Y = 23599.31 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9925, Average error = 3.92%
Average CF = 23599.3100 with RSD = 5.65%

14 C-26
Retention time = 22.130 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25682.7	25682.72	Manual	9/2/2008 10:40:0
2	5.000	119851.8	23970.36	Manual	9/2/2008 10:40:0
3	10.000	241615.1	24161.51	Manual	9/2/2008 10:40:0
4	25.000	601525.1	24061.01	Manual	9/2/2008 10:40:0
5	50.000	1160156.0	23203.12	Manual	9/2/2008 10:40:0

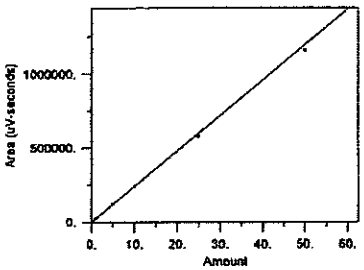


A3X84 1362

Calibration formula: Y = 24215.74 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9970, Average error = 2.42%
Average CF = 24215.7400 with RSD = 3.73%

15 C-28
Retention time = 23.538 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25392.5	25392.53	Manual	9/2/2008 10:40:0
2	5.000	120266.8	24053.36	Manual	9/2/2008 10:40:0
3	10.000	237753.3	23775.33	Manual	9/2/2008 10:40:0
4	25.000	575251.7	23010.07	Manual	9/2/2008 10:40:0
5	50.000	1155455.0	23109.1	Manual	9/2/2008 10:40:0

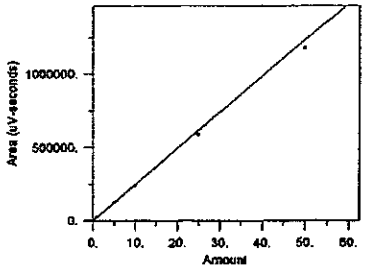


Calibration formula: Y = 23868.08 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.87%
Average CF = 23868.0800 with RSD = 4.02%

16 C-30
Retention time = 24.856 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26786.5	26786.54	Manual	9/2/2008 10:40:0
2	5.000	125839.6	25167.92	Manual	9/2/2008 10:40:0
3	10.000	240921.8	24092.18	Manual	9/2/2008 10:40:0
4	25.000	583728.6	23349.14	Manual	9/2/2008 10:40:0
5	50.000	1173657.0	23473.14	Manual	9/2/2008 10:40:0

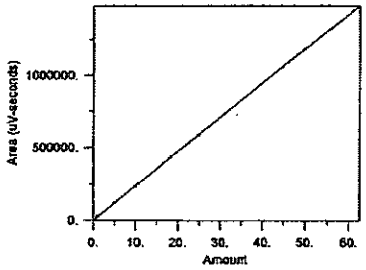
ASX84 1363



Calibration formula: Y = 24573.79 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9954, Average error = 4.57%
Average CF = 24573.7900 with RSD = 5.82%

17 C-36
Retention time = 28.365 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24324.5	24324.48	Manual	9/2/2008 10:40:0
2	5.000	118502.8	23700.56	Manual	9/2/2008 10:40:0
3	10.000	231888.8	23188.88	Manual	9/2/2008 10:40:0
4	25.000	588850.4	23554.02	Manual	9/2/2008 10:40:0
5	50.000	1186660.0	23733.2	Manual	9/2/2008 10:40:0



Calibration formula: Y = 23700.23 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 1.0000, Average error = 1.11%
Average CF = 23700.2300 with RSD = 1.73%

ASX84 1364

Calibration File Name: **C:\CPWIN\DATA1\MAPP242B.CAL** Version = 1
External standard calibration
No injection volume correction
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units =
17 components with 5 levels each

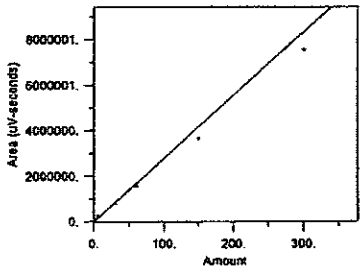
Updated RTs from P252.14R

REB/375 9-11-08

1 C9 to C18 Aliphatics
Retention time = 0.001 min., Search window = 0.001 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 27734.68
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	6.017	225301.0	37444.07	Manual	9/2/2008 10:42:0
2	30.085	791809.0	26319.06	Manual	9/2/2008 10:42:0
3	60.170	1537501.0	25552.62	Manual	9/2/2008 10:42:0
4	150.425	3651059.0	24271.62	Manual	9/2/2008 10:42:0
5	300.850	7547136.0	25086.04	Manual	9/2/2008 10:42:0

√TWC/7P 9-11-08

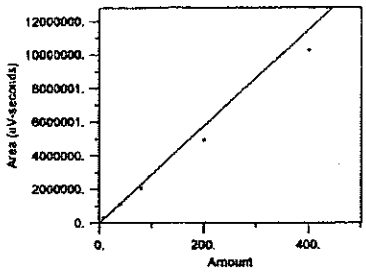


Calibration formula: Y = 27734.68 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9738, Average error = 14.00%
Average CF = 27734.6800 with RSD = 19.75%

2 C19 to C36 Aliphatic
Retention time = 0.002 min., Search window = 0.002 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 28665.55
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	8.020	322158.5	40169.39	Manual	9/2/2008 10:42:0
2	40.100	1102461.0	27492.79	Manual	9/2/2008 10:42:0
3	80.200	2050421.0	25566.35	Manual	9/2/2008 10:42:0
4	200.500	4918472.0	24531.03	Manual	9/2/2008 10:42:0
5	401.000	10252850.0	25568.21	Manual	9/2/2008 10:42:0

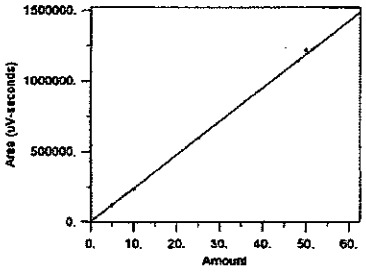
ASX84 1365



Calibration formula: Y = 28665.55 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9647, Average error = 16.05%
Average CF = 28665.5500 with RSD = 22.74%

3 C-9
Retention time = 3.410 min., Search window = 0.070 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24065.3	24065.32	Manual	9/2/2008 10:42:0
2	5.000	117513.0	23502.6	Manual	9/2/2008 10:42:0
3	10.000	232389.4	23238.94	Manual	9/2/2008 10:42:0
4	25.000	590905.1	23636.21	Manual	9/2/2008 10:42:0
5	50.000	1218666.0	24373.32	Manual	9/2/2008 10:42:0

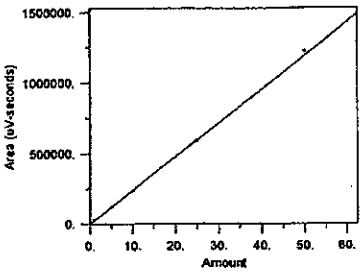


Calibration formula: Y = 23763.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9990, Average error = 1.54%
Average CF = 23763.2800 with RSD = 1.91%

4 C-10
Retention time = 5.120 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX84 1366

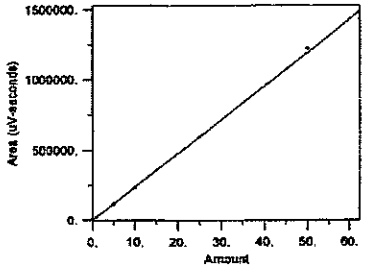
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23965.2	23965.24	Manual	9/2/2008 10:42:0
2	5.000	117980.1	23596.02	Manual	9/2/2008 10:42:0
3	10.000	232904.0	23290.4	Manual	9/2/2008 10:42:0
4	25.000	591483.1	23659.32	Manual	9/2/2008 10:42:0
5	50.000	1223179.0	24463.58	Manual	9/2/2008 10:42:0



Calibration formula: Y = 23794.91 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.41%
Average CF = 23794.9100 with RSD = 1.87%

5 C-12
Retention time = 8.190 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24051.7	24051.66	Manual	9/2/2008 10:42:0
2	5.000	118071.9	23614.38	Manual	9/2/2008 10:42:0
3	10.000	233461.2	23346.12	Manual	9/2/2008 10:42:0
4	25.000	591429.5	23657.18	Manual	9/2/2008 10:42:0
5	50.000	1223902.0	24478.04	Manual	9/2/2008 10:42:0



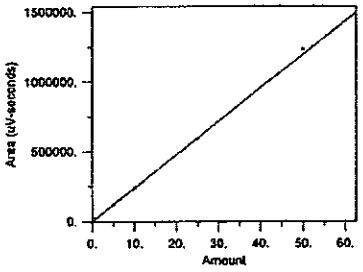
Calibration formula: Y = 23829.48 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.46%
Average CF = 23829.4800 with RSD = 1.85%

ASX84 1367

6 C-14

Retention time = 10.840 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

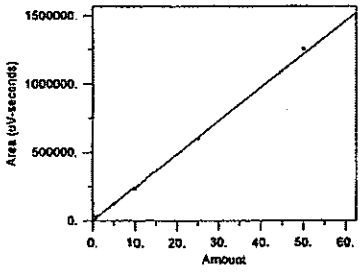
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24294.7	24294.73	Manual	9/2/2008 10:42:0
2	5.000	118145.1	23629.02	Manual	9/2/2008 10:42:0
3	10.000	234041.3	23404.13	Manual	9/2/2008 10:42:0
4	25.000	591099.3	23643.97	Manual	9/2/2008 10:42:0
5	50.000	1232721.0	24654.42	Manual	9/2/2008 10:42:0



Calibration formula: Y = 23925.25 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9985, Average error = 1.84%
Average CF = 23925.2500 with RSD = 2.20%

7 C-16
Retention time = 13.190 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24825.2	24825.19	Manual	9/2/2008 10:42:0
2	5.000	119618.8	23923.76	Manual	9/2/2008 10:42:0
3	10.000	236845.3	23684.53	Manual	9/2/2008 10:42:0
4	25.000	597036.6	23881.46	Manual	9/2/2008 10:42:0
5	50.000	1253051.0	25061.02	Manual	9/2/2008 10:42:0

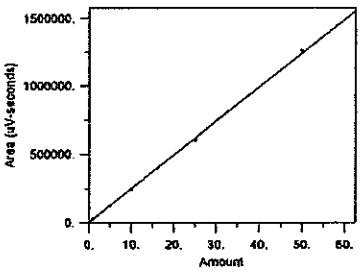


ASX04 5368

Calibration formula: Y = 24275.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9983, Average error = 2.20%
Average CF = 24275.1900 with RSD = 2.56%

8 C-18
Retention time = 15.310 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

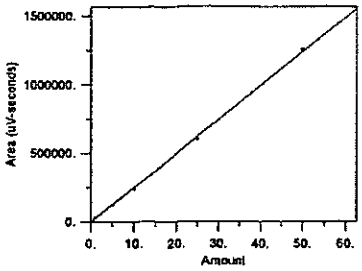
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26332.0	26331.96	Manual	9/2/2008 10:42:0
2	5.000	121254.6	24250.92	Manual	9/2/2008 10:42:0
3	10.000	241672.3	24167.23	Manual	9/2/2008 10:42:0
4	25.000	602110.1	24084.4	Manual	9/2/2008 10:42:0
5	50.000	1262350.0	25247	Manual	9/2/2008 10:42:0



Calibration formula: Y = 24816.3 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 3.14%
Average CF = 24816.3000 with RSD = 3.91%

9 C-19
Retention time = 16.300 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

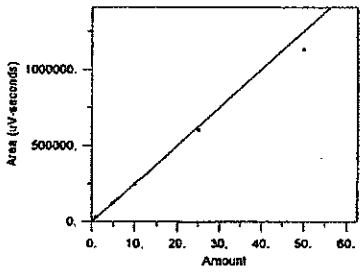
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26999.7	26999.73	Manual	9/2/2008 10:42:0
2	5.000	119190.0	23838	Manual	9/2/2008 10:42:0
3	10.000	239456.7	23945.67	Manual	9/2/2008 10:42:0
4	25.000	599322.3	23972.89	Manual	9/2/2008 10:42:0
5	50.000	1254291.0	25085.82	Manual	9/2/2008 10:42:0



Calibration formula: Y = 24768.42 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9993, Average error = 4.12%
Average CF = 24768.4200 with RSD = 5.44%

10 C-20
Retention time = 17.240 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	29445.1	29445.1	Manual	9/2/2008 10:42:0
2	5.000	122903.6	24580.72	Manual	9/2/2008 10:42:0
3	10.000	243357.8	24335.78	Manual	9/2/2008 10:42:0
4	25.000	601186.0	24047.44	Manual	9/2/2008 10:42:0
5	50.000	1128222.0	22564.44	Manual	9/2/2008 10:42:0

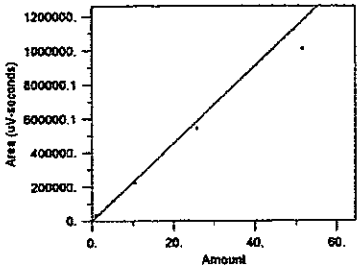


Calibration formula: Y = 24994.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9809, Average error = 7.12%
Average CF = 24994.7000 with RSD = 10.44%

11 1-Chlorooctadecane
Retention time = 17.990 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

ASX04 1370

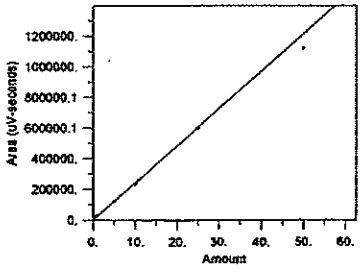
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.033	30850.2	29864.62	Manual	9/2/2008 10:42:0
2	5.166	113519.4	21974.33	Manual	9/2/2008 10:42:0
3	10.331	220695.9	21362.49	Manual	9/2/2008 10:42:0
4	25.827	540863.1	20941.77	Manual	9/2/2008 10:42:0
5	51.655	1008609.0	19525.88	Manual	9/2/2008 10:42:0



Calibration formula: Y = 22733.82 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9533, Average error = 12.55%
Average CF = 22733.8200 with RSD = 17.98%

12 C-22
Retention time = 19.000 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	27231.9	27231.9	Manual	9/2/2008 10:42:0
2	5.000	121397.0	24279.4	Manual	9/2/2008 10:42:0
3	10.000	232222.2	23222.22	Manual	9/2/2008 10:42:0
4	25.000	600166.9	24006.68	Manual	9/2/2008 10:42:0
5	50.000	1116173.0	22323.46	Manual	9/2/2008 10:42:0



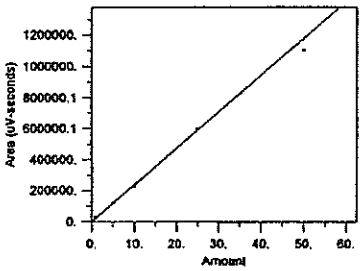
Calibration formula: Y = 24212.73 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9886, Average error = 5.10%
Average CF = 24212.7300 with RSD = 7.65%

ASX04 1371

13 C-24

Retention time = 20.630 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

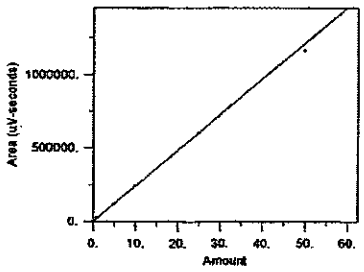
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25631.8	25631.8	Manual	9/2/2008 10:42:0
2	5.000	118206.3	23641.26	Manual	9/2/2008 10:42:0
3	10.000	228038.4	22803.84	Manual	9/2/2008 10:42:0
4	25.000	595916.5	23836.66	Manual	9/2/2008 10:42:0
5	50.000	1104149.0	22082.98	Manual	9/2/2008 10:42:0



Calibration formula: Y = 23599.31 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9925, Average error = 3.92%
Average CF = 23599.3100 with RSD = 5.65%

14 C-26
Retention time = 22.140 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25682.7	25682.72	Manual	9/2/2008 10:42:0
2	5.000	119851.8	23970.36	Manual	9/2/2008 10:42:0
3	10.000	241615.1	24161.51	Manual	9/2/2008 10:42:0
4	25.000	601525.1	24061.01	Manual	9/2/2008 10:42:0
5	50.000	1160156.0	23203.12	Manual	9/2/2008 10:42:0

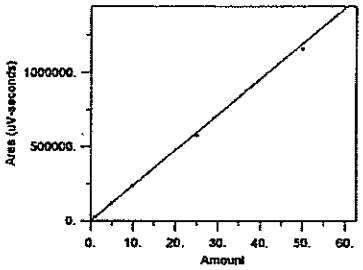


ASX04 1372

Calibration formula: Y = 24215.74 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9970, Average error = 2.42%
Average CF = 24215.7400 with RSD = 3.73%

15 C-28
Retention time = 23.550 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25392.5	25392.53	Manual	9/2/2008 10:42:0
2	5.000	120266.8	24053.36	Manual	9/2/2008 10:42:0
3	10.000	237753.3	23775.33	Manual	9/2/2008 10:42:0
4	25.000	575251.7	23010.07	Manual	9/2/2008 10:42:0
5	50.000	1155455.0	23109.1	Manual	9/2/2008 10:42:0

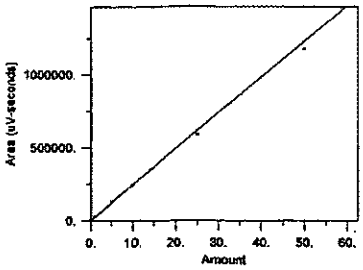


Calibration formula: Y = 23868.08 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.87%
Average CF = 23868.0800 with RSD = 4.02%

16 C-30
Retention time = 24.870 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26786.5	26786.54	Manual	9/2/2008 10:42:0
2	5.000	125839.6	25167.92	Manual	9/2/2008 10:42:0
3	10.000	240921.8	24092.18	Manual	9/2/2008 10:42:0
4	25.000	583728.6	23349.14	Manual	9/2/2008 10:42:0
5	50.000	1173657.0	23473.14	Manual	9/2/2008 10:42:0

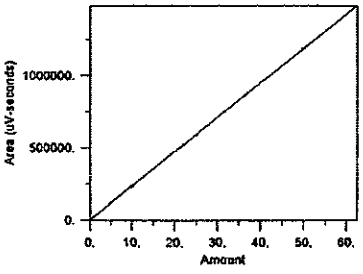
ASX04 1373



Calibration formula: Y = 24573.79 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9954, Average error = 4.57%
Average CF = 24573.7900 with RSD = 5.82%

17 C-36
Retention time = 28.370 min., Search window = 0.030 min.
Low alarm amount = 0, High alarm amount = 0
Group number = 0, Component constant = 0
No retention time reference component
Single peak quantification by area

Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24324.5	24324.48	Manual	9/2/2008 10:42:0
2	5.000	118502.8	23700.56	Manual	9/2/2008 10:42:0
3	10.000	231888.8	23188.88	Manual	9/2/2008 10:42:0
4	25.000	588850.4	23554.02	Manual	9/2/2008 10:42:0
5	50.000	1186660.0	23733.2	Manual	9/2/2008 10:42:0



Calibration formula: Y = 23700.23 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 1.0000, Average error = 1.11%
Average CF = 23700.2300 with RSD = 1.73%

ASX84 1374

MA EPH

Sample ID: MAAR40832D ZIMAAR4ZI CCAL 0826099999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
48	7.778	Naphthalene	25.56658	678752	.031	344947
54	9.313	2-Methylnaphthalene	25.59297	637216	.032	313631
62	10.295	2-Fluorobiphenyl	25.60994	586948	.033	280471
69	11.237	Acenapthylene	26.18308	629270	.033	304660
70	11.669	Acenaphthene	26.00241	683888	.033	324619
74	12.801	Fluorene	25.60302	678672	.034	313592
87	14.87	Phenanthrene	25.40554	687589	.037	294199
88	14.97	Anthracene	25.34735	602594	.034	274813
97	16.072	SS o-Terphenyl	24.5281	682574	.037	285068
107	17.524	Fluoranthene	25.79996	693729	.035	301433
110	17.967	Pyrene	24.64231	692101	.037	291729
129	20.743	Benzo(a)anthracene	25.5835	683460	.042	254801
130	20.823	Chrysene	26.18827	690383	.04	274609
143	23.025	Benzo(b)fluoranthene	26.48834	747771	.054	229283
144	23.077	Benzo(k)fluoranthene	25.19092	657931	.044	287949
146	23.598	Benzo(a)pyrene	25.90914	657592	.042	248448
160	25.6	Indeno(1,2,3-cd)pyre	25.8763	669966	.046	227548
161	25.705	Dibenzo(a,h)anthrace	25.92944	689298	.042	254037
162	25.986	Benzo(ghi)perylene	26.24939	701348	.045	246399

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	487.697	100.000	12969680.0	53.151

Total slice amount= 487.697
Total slice amount %= 100.0

Total slice area= 12969680.0
Total slice area %= 53.2

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.296968E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 446.8457 PPM* − 20.64 = $\frac{426.21}{425} \times 100 = 100.28\%$

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.25A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 6:30:02 AM
File reported on: 9/19/2008 at 6:30:02 AM

ASX84 1375

MA EPH

Sample ID: MAAL40832E CFMAAL4CF CCAL 0826099999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
21	3.429	C-9	25.1895	598584	.032	290492
27	5.122	C-10	25.261	601083	.033	283723
37	8.178	C-12	25.2209	601002	.035	267487
47	10.83	C-14	25.0186	598577	.038	251520
56	13.181	C-16	25.0251	607489	.039	239930
64	15.3	C-18	24.9394	618903	.04	227097
69	16.285	C-19	24.7186	612241	.041	217712
72	17.227	C-20	24.6063	615027	.042	213713
75	17.977	1-Chlorooctadecane	22.6022	513835	.041	187189
78	18.995	C-22	24.5115	593491	.044	208424
85	20.626	C-24	24.9707	589292	.045	204411
92	22.137	C-26	25.482	617065	.045	206531
97	23.544	C-28	25.3513	605087	.048	196680
102	24.859	C-30	24.6602	605995	.05	192407
116	28.364	C-36	25.3398	600558	.053	178464

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	150.654	40.401	3654774.0	15.710
2	16.200	28.470	222.243	59.599	5457992.0	23.462

Total slice amount= 372.897
Total slice amount %= 100.0

Total slice area= 9112765.0
Total slice area %= 39.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3654774
Unadjusted Aliphatics AMOUNT (C9- <C19) = 131.7763 PPM / 150 × 100 = 87.85%

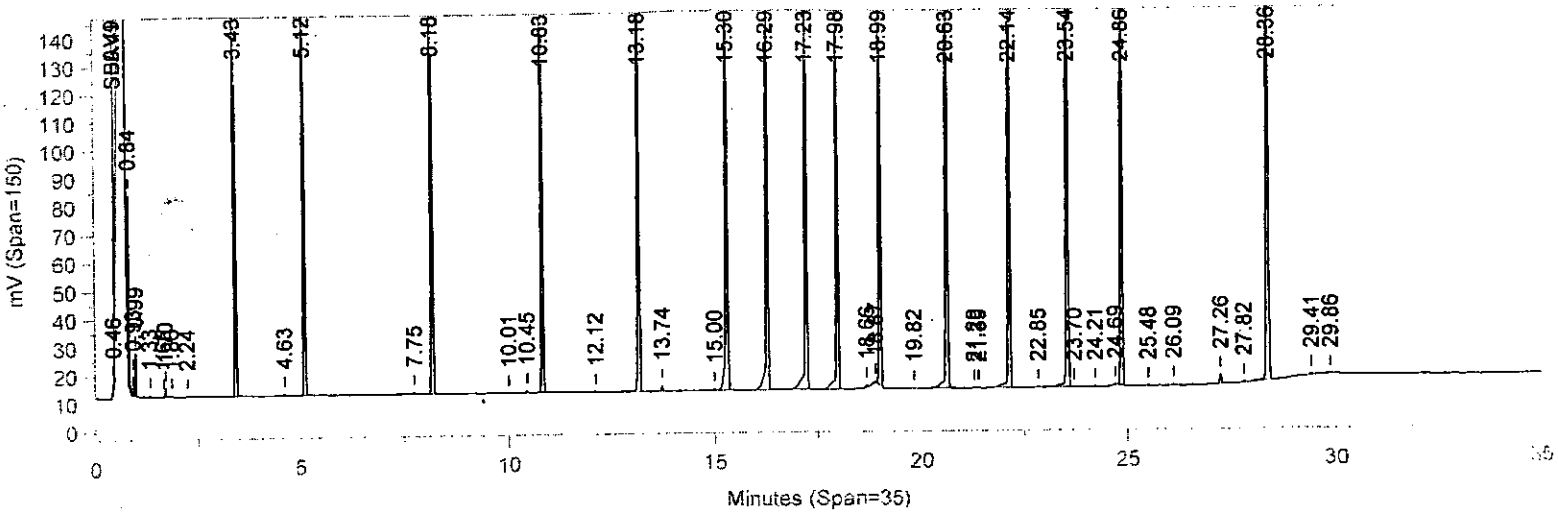
Unadjusted Aliphatics AREA (C19- C36) = 5457992
Unadjusted Aliphatics AMOUNT (C19- C36) = 190.4025 PPM* − 22.60 = $\frac{167.80}{200}$ × 100 = 83.90%

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.26A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 7:20:24 AM
File reported on: 9/19/2008 at 7:20:24 AM

ASX84 1376

MA EPH
MAAL40832E CFMAAL4CF CCAL 0826099999
C:\CPWIN\DATA1\P262.26R



Sample Name:MAAL40832E CFMAAL4CF CCAL 0826099999A

Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Analyst: 375

Injected on: 9/19/2008 6:45:21 AM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
11	3.429	C-9	25.1552	597770	.032	290470
13	5.122	C-10	25.2339	600439	.033	283680
15	8.178	C-12	25.2113	600771	.035	267476
18	10.83	C-14	24.9861	597798	.038	251470
20	13.181	C-16	25.0242	607468	.039	239929
23	15.3	C-18	24.9059	618072	.04	227053
24	16.285	C-19	24.7133	612109	.041	217709
25	17.227	C-20	24.532	613170	.042	213666
26	17.977	1-Chlorooctadecane	22.6022	513835	.041	187189
29	18.995	C-22	23.9688	580350	.044	207273
31	20.626	C-24	25.5805	603683	.045	204301
34	22.137	C-26	25.2411	611233	.045	206441
36	23.544	C-28	25.6222	611554	.048	196632
40	24.859	C-30	24.4464	600739	.05	192008
45	28.364	C-36	25.3398	600558	.053	178464

1-CHLOROOCTADECANE % RECOVERY = 109.3902 %

TOTAL SURROGATE AMOUNT = 22.60221 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.26A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 7:20:30 AM
File reported on: 9/19/2008 at 7:20:30 AM

ASX04 1977

MA EPH

Sample ID: MAAR30832D CIMAAR3CI CCAL 0826199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
44	7.781	Naphthalene	10.20546	270938	.031	138331
52	9.316	2-Methylnaphthalene	10.25697	255379	.032	124985
59	10.296	2-Fluorobiphenyl	10.32733	236689	.033	112765
64	11.239	Acenapthylene	10.63509	255598	.032	122786
65	11.67	Acenaphthene	10.48642	275803	.032	133838
69	12.802	Fluorene	10.31053	273306	.034	125522
81	14.869	Phenanthrene	10.3131	279119	.035	124241
82	14.968	Anthracene	10.96011	260560	.034	116363
91	16.07	SS o-Terphenyl	10.02118	278872	.038	116521
103	17.521	Fluoranthene	10.33772	277968	.037	117434
106	17.962	Pyrene	9.92344	278708	.037	117850
125	20.735	Benzo(a)anthracene	10.31112	275460	.039	110024
126	20.813	Chrysene	10.53155	277636	.039	113234
137	23.015	Benzo(b)fluoranthene	10.35065	292201	.046	106040
138	23.065	Benzo(k)fluoranthene	10.26943	268215	.044	115685
141	23.59	Benzo(a)pyrene	10.40756	264151	.04	103684
158	25.592	Indeno(1,2,3-cd)pyre	10.27463	266021	.043	96758
159	25.696	Dibenzo(a,h)anthrace	10.40338	276559	.043	101489
160	25.97	Benzo(ghi)perylene	10.43358	278771	.042	103862

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	196.759	100.000	5374421.0	31.677

Total slice amount= 196.759
Total slice amount %= 100.0

Total slice area= 5374421.0
Total slice area %= 31.7

********** RESULTS TABLE **********

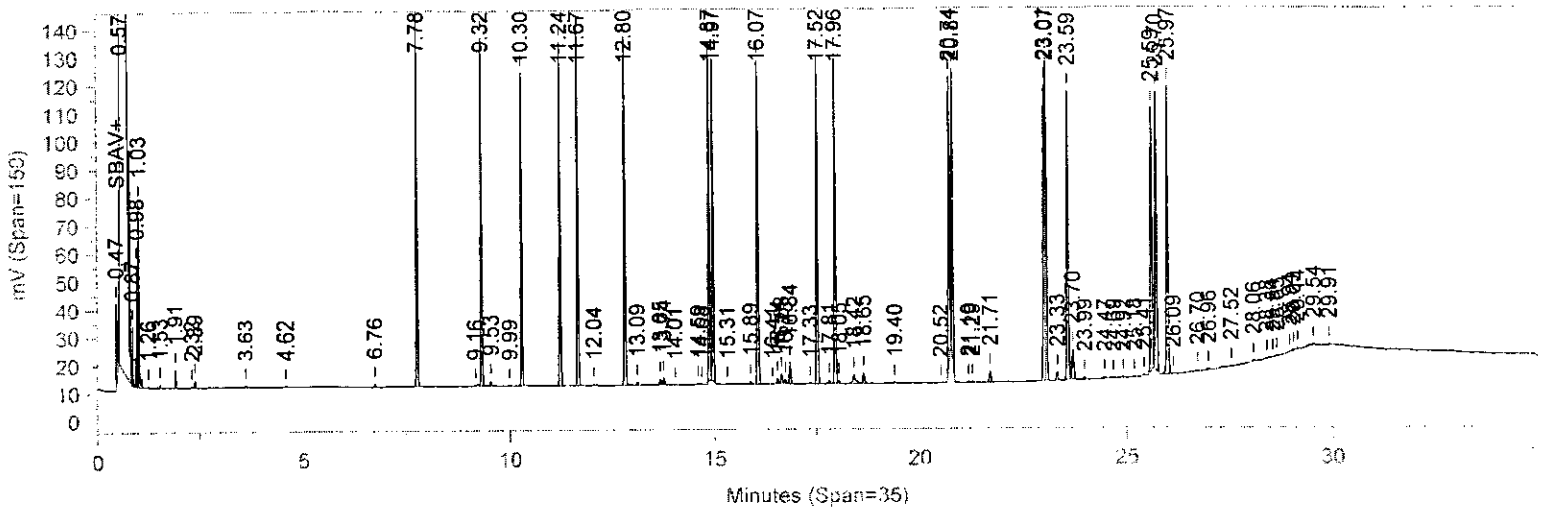
Unadjusted Aromatics AREA (C11- C22) = 5374421
Unadjusted Aromatics AMOUNT (C11- C22) = 185.1655 PPM* − 20.31 = $\frac{164.86}{170}$ × 100 = 96.97

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.39A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 6:21:54 PM
File reported on: 9/19/2008 at 6:21:54 PM

ASX04 1378

MA EPH
MAAR30832D CIMAAR3CI CCAL 0826199999
C:\CPWIN\DATA1\P262.39R



Sample Name:MAAR30832D CIMAAR3CI CCAL 0826199999A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 5:46:49 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
14	7.781	Naphthalene	10.1735	270090	.031	138249
16	9.316	2-Methylnaphthalene	10.215	254335	.032	124874
19	10.296	2-Fluorobiphenyl	10.3007	236080	.033	112713
20	11.239	Acenapthylene	10.6189	255208	.032	122765
21	11.67	Acenaphthene	10.4601	275110	.032	133801
23	12.802	Fluorene	10.236	271332	.034	125392
30	14.869	Phenanthrene	10.0747	272668	.035	123189
31	14.968	Anthracene	10.6167	252395	.034	115165
34	16.07	SS o-Terphenyl	10.0142	278677	.038	116501
41	17.521	Fluoranthene	10.2822	276476	.037	117308
43	17.962	Pyrene	9.8567	276834	.037	117608
49	20.735	Benzo(a)anthracene	8.6972	232346	.039	101239
50	20.813	Chrysene	8.8052	232124	.039	104347
54	23.015	Benzo(b)fluoranthene M	10.3017	290819	.046	105793
55	23.065	Benzo(k)fluoranthene M	10.1721	265672	.045	115335
57	23.59	Benzo(a)pyrene	10.272	260712	.04	103258
65	25.592	Indeno(1,2,3-cd)pyre	9.8002	253739	.043	94817
66	25.696	Dibenzo(a,h)anthrace	9.8296	261307	.042	99446
67	25.97	Benzo(ghi)perylene	10.3806	277356	.042	103775

2-FLUOROBIPHENYL % RECOVERY = 49.07919 %
o-TERPHENYL % RECOVERY = 50.07091 %

TOTAL SURROGATE AMOUNT = 20.31492 PPM

M = Manually Integrated
Analyst [signature] 9/22/08
Approved by [signature] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX84 1379

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 10:04:24 AM
File reported on: 9/22/2008 at 10:04:24 AM

MA EPH

Sample ID: MAAL30832E HEMAAL3HE CCAL 0826199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
21	3.411	C-9	10.1428	241026	.033	114101
25	5.111	C-10	10.1149	240684	.033	113518
34	8.171	C-12	10.1384	241593	.035	108543
45	10.819	C-14	10.0744	241033	.037	103360
50	13.169	C-16	10.066	244355	.039	99125
60	15.288	C-18	10.0186	248624	.041	92895
66	16.274	C-19	9.8412	243750	.041	90889
71	17.218	C-20	9.8507	246215	.041	89124
74	17.968	1-Chlorooctadecane	9.47	215290	.042	77769
77	18.988	C-22	10.2468	248104	.043	86653
84	20.618	C-24	10.4146	245778	.044	85796
91	22.131	C-26	10.2616	248491	.045	85406
97	23.539	C-28	10.2622	244939	.047	82288
103	24.857	C-30	10.0189	246203	.048	80580
117	28.364	C-36	10.332	244871	.053	72120

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	60.555	40.036	1478537.0	9.238
2	16.200	28.470	90.698	59.964	2230040.0	13.933

Total slice amount= 151.253
Total slice amount %= 100.0

Total slice area= 3708576.0
Total slice area %= 23.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 1478537
Unadjusted Aliphatics AMOUNT (C9- <C19) = 53.31004 PPM / 60 × 100 = 88.85

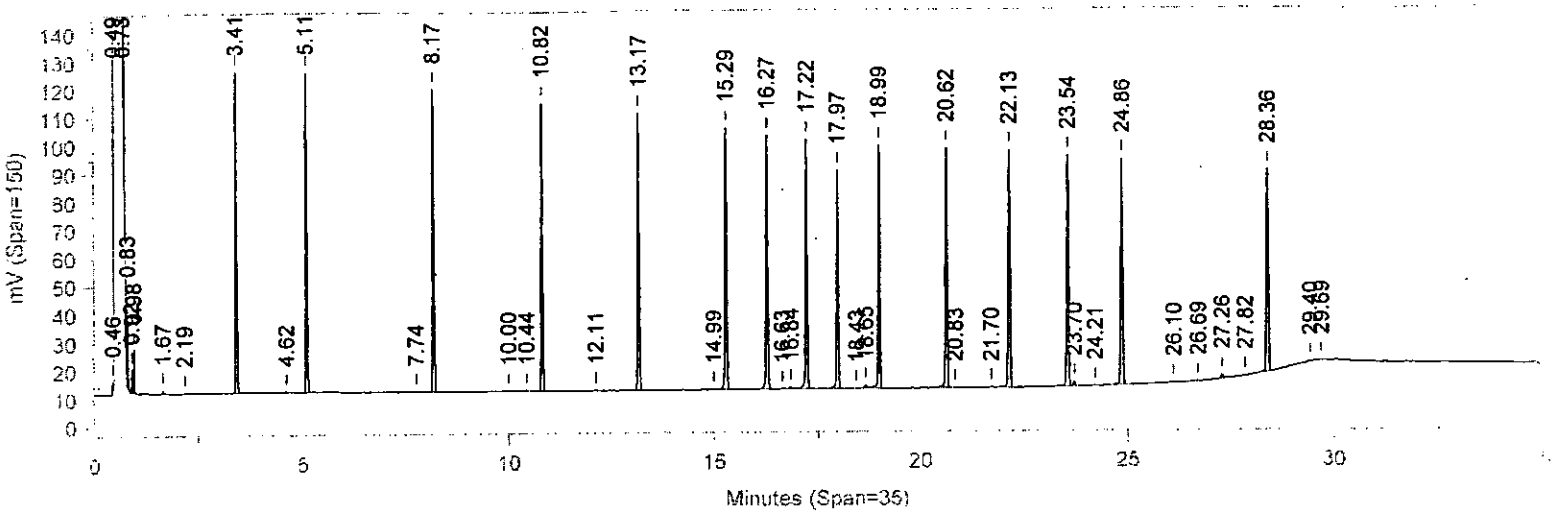
Unadjusted Aliphatics AREA (C19- C36) = 2230040
Unadjusted Aliphatics AMOUNT (C19- C36) = 77.7951 PPM* − 9.46 = $\frac{66.34}{80}$ × 100 = 85.42

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.40A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 7:12:12 PM
File reported on: 9/19/2008 at 7:12:11 PM

ASX84 1308

MA EPH
MAAL30832E HEMAAL3HE CCAL 0826199999
C:\CPWIN\DATA1\P262.40R



Sample Name:MAAL30832E HEMAAL3HE CCAL 0826199999A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 6:37:07 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
9	3.411	C-9	10.117	240414	.033	114076
11	5.111	C-10	10.1077	240513	.033	113505
13	8.171	C-12	10.1319	241439	.035	108536
16	10.819	C-14	10.063	240760	.037	103337
18	13.169	C-16	10.044	243820	.039	99099
20	15.288	C-18	9.9973	248097	.041	92860
21	16.274	C-19	9.8024	242791	.041	90820
24	17.218	C-20	9.7896	244688	.041	89056
25	17.968	1-Chlorooctadecane	9.4581	215018	.042	77759
28	18.988	C-22	10.1289	245247	.043	86569
29	20.618	C-24	10.2888	242809	.044	85704
32	22.131	C-26	10.1748	246390	.045	85355
33	23.539	C-28	10.3169	246244	.047	82273
36	24.857	C-30	10.0674	247393	.048	80555
41	28.364	C-36	10.332	244871	.053	72120

1-CHLOROOCTADECANE % RECOVERY = 45.77519 %

TOTAL SURROGATE AMOUNT = 9.45807 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.40A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 7:12:18 PM
File reported on: 9/19/2008 at 7:12:16 PM

ASX84 1381

MA EPH

Sample ID: MAAR40832D ZJMAAR4ZJ CCAL 0826299999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
48	7.781	Naphthalene	25.57758	679044	.032	341177
56	9.317	2-Methylnaphthalene	25.63032	638146	.032	310166
64	10.299	2-Fluorobiphenyl	25.7982	591263	.033	283410
70	11.242	Acenapthylene	26.49219	636699	.034	298738
71	11.674	Acenaphthene	26.02728	684542	.033	322814
77	12.806	Fluorene	25.49932	675923	.034	311216
88	14.876	Phenanthrene	25.20836	682252	.037	291511
89	14.976	Anthracene	26.72495	635344	.036	282350
97	16.075	SS o-Terphenyl	24.81021	690425	.038	288536
108	17.527	Fluoranthene	25.48069	685144	.037	288746
111	17.97	Pyrene	24.40117	685328	.037	288114
127	20.743	Benzo(a)anthracene	25.90953	692170	.042	252264
128	20.824	Chrysene	25.61806	675351	.039	276486
142	23.026	Benzo(b)fluoranthene	25.41205	717387	.051	231902
143	23.08	Benzo(k)fluoranthene	25.72253	671816	.047	278989
146	23.601	Benzo(a)pyrene	25.84331	655921	.042	245839
160	25.604	Indeno(1,2,3-cd)pyre	25.64023	663854	.046	221880
161	25.708	Dibenzo(a,h)anthrace	25.64276	681677	.044	245275
162	25.988	Benzo(ghi)perylene	25.9327	692887	.046	235945

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	487.371	100.000	12922480.0	53.103

Total slice amount= 487.371
Total slice amount %= 100.0

Total slice area= 12922480.0
Total slice area %= 53.1

********** RESULTS TABLE **********

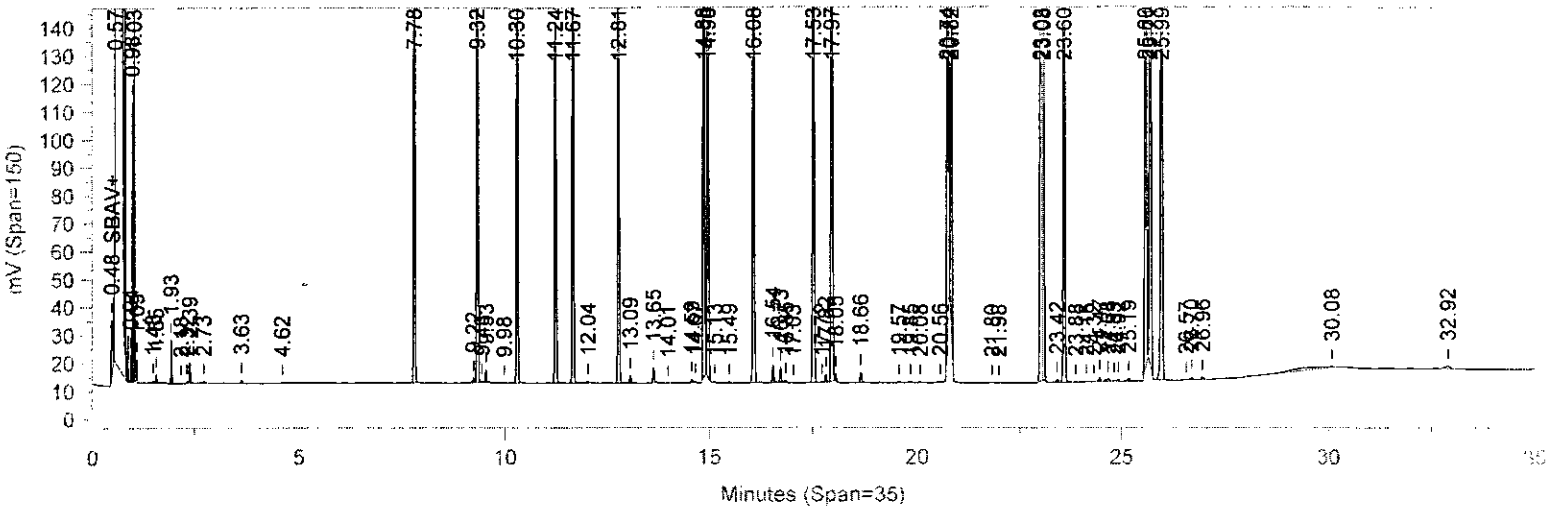
Unadjusted Aromatics AREA (C11- C22) = 1.292248E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 445.2196 PPM* − 50.52 = $\frac{394.70}{425}$ × 100 = 92.87

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.47A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/20/2008 1:07:28 AM
File reported on: 9/20/2008 at 1:07:28 AM

ASX04 1382

MA EPH
MAAR40832D ZJMAAR4ZJ CCAL 0826299999
C:\CPWIN\DATA1\P262.47R



Sample Name:MAAR40832D ZJMAAR4ZJ CCAL 0826299999A

Instrument ID:CP25--H6610A Injected on: 9/20/2008 12:32:23 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
16	7.781	Naphthalene	25.5287	677745	.032	341048
18	9.317	2-Methylnaphthalene	25.5857	637036	.032	310043
22	10.299	2-Fluorobiphenyl	25.7547	590265	.033	283323
23	11.242	Acenapthylene	26.4515	635722	.034	298693
24	11.674	Acenaphthene	25.9943	683675	.033	322753
26	12.806	Fluorene	25.4993	675923	.034	311216
32	14.876	Phenanthrene	24.7478	669787	.037	289337
33	14.976	Anthracene	26.1165	620879	.036	280342
36	16.075	SS o-Terphenyl	24.7689	689274	.038	288417
41	17.527	Fluoranthene	25.4249	683643	.037	288649
44	17.97	Pyrene	24.2111	679990	.037	287408
51	20.743	Benzo(a)anthracene	21.6094	577293	.042	230034
52	20.824	Chrysene	21.8268	575403	.039	256176
55	23.026	Benzo(b)fluoranthene M	25.2439	712640	.051	231212
56	23.08	Benzo(k)fluoranthene M	25.5246	666647	.048	278134
58	23.601	Benzo(a)pyrene	25.8339	655683	.042	245832
67	25.604	Indeno(1,2,3-cd)pyre	24.2231	627163	.046	215865
68	25.708	Dibenzo(a,h)anthrace	24.2705	645198	.044	240083
69	25.988	Benzo(ghi)perylene	25.7534	688097	.046	235639

2-FLUOROBIPHENYL % RECOVERY = 122.7114 %
o-TERPHENYL % RECOVERY = 123.8443 %

TOTAL SURROGATE AMOUNT = 50.52353 PPM

M = Manually Integrated
Analyst Gayle 9/22/07
Approved by RMB 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 10:09:52 AM
File reported on: 9/22/2008 at 10:09:51 AM

MA EPH

Sample ID: MAAL40832E CGMAAL4CG CCAL 0826299999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
22	3.43	C-9	24.7657	588515	.032	287502
27	5.123	C-10	24.7987	590084	.034	275597
36	8.18	C-12	24.8314	591718	.035	265918
47	10.828	C-14	24.7037	591041	.037	252130
56	13.178	C-16	24.6617	598668	.039	237330
68	15.298	C-18	24.4253	606147	.041	220284
73	16.284	C-19	24.1931	599224	.04	219666
78	17.227	C-20	24.1237	602966	.041	216193
80	17.976	1-Chlorooctadecane	23.3019	529740	.041	192667
85	18.994	C-22	24.1828	585533	.044	206782
92	20.626	C-24	25.3644	598582	.045	202924
102	22.137	C-26	24.743	599170	.047	198835
108	23.544	C-28	25.0184	597140	.046	200644
114	24.863	C-30	24.3691	598840	.048	192870
129	28.37	C-36	25.1167	595272	.053	177509

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	148.187	40.203	3595933.0	15.707
2	16.200	28.470	220.413	59.797	5409694.0	23.630

Total slice amount= 368.600
Total slice amount %= 100.0

Total slice area= 9005627.0
Total slice area %= 39.3

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3595933
Unadjusted Aliphatics AMOUNT (C9- <C19) = 129.6548 PPM / 150 X 100 = 86.44

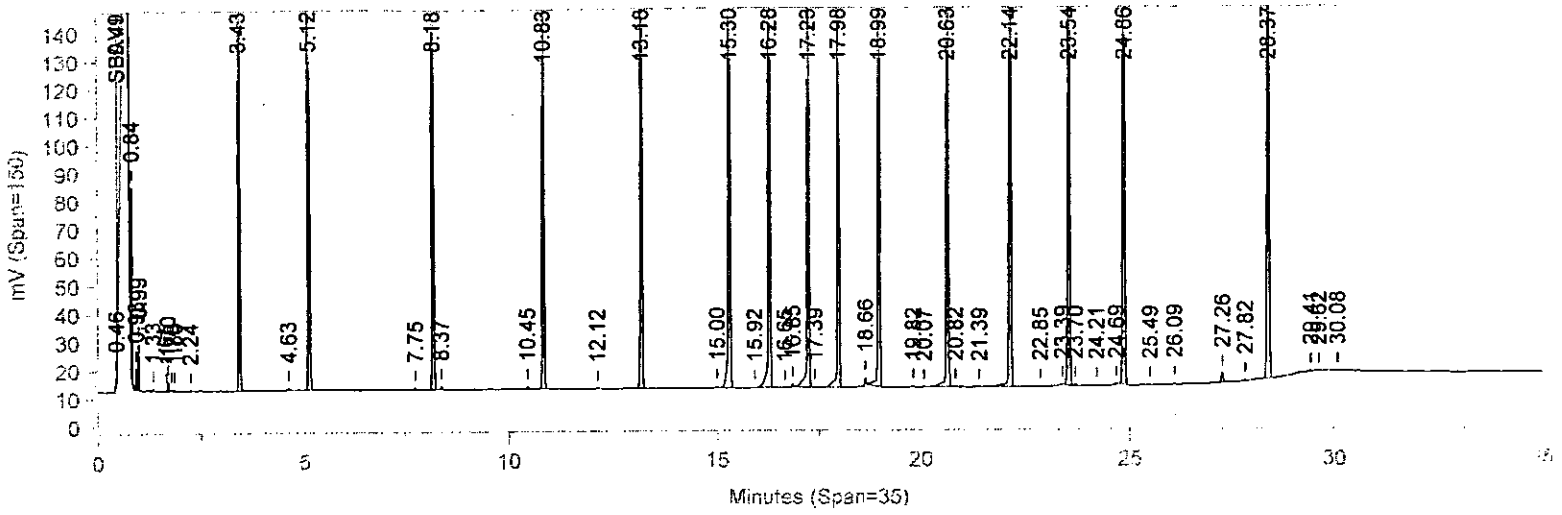
Unadjusted Aliphatics AREA (C19- C36) = 5409694
Unadjusted Aliphatics AMOUNT (C19- C36) = 188.7176 PPM* - 23.27 = $\frac{165.45}{200}$ X 100 = 82.72

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.48A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/20/2008 1:56:52 AM
File reported on: 9/20/2008 at 1:56:51 AM

ASX04 1384

MA EPH
MAAL40832E CGMAAL4CG CCAL 0826299999
C:\CPWIN\DATA1\P262.48R



Sample Name:MAAL40832E CGMAAL4CG CCAL 0826299999A

Instrument ID:CP25--H6610A
Injected on: 9/20/2008 1:21:47 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
12	3.43	C-9	24.729	587643	.032	287477
14	5.123	C-10	24.7987	590084	.034	275597
16	8.18	C-12	24.8205	591461	.035	265905
19	10.828	C-14	24.6991	590932	.037	252125
21	13.178	C-16	24.6507	598400	.039	237317
23	15.298	C-18	24.4124	605825	.041	220261
25	16.284	C-19	24.1141	597269	.04	219538
28	17.227	C-20	24.0119	600169	.041	216136
30	17.976	1-Chlorooctadecane	23.2724	529070	.041	192653
32	18.994	C-22	24.5097	593446	.044	206492
35	20.626	C-24	25.19	594467	.045	202828
38	22.137	C-26	24.8205	601047	.047	198750
41	23.544	C-28	24.8265	592561	.046	200318
45	24.863	C-30	24.196	594587	.048	192555
50	28.37	C-36	25.1167	595272	.053	177509

1-CHLOROOCTADECANE % RECOVERY = 112.6337 %

TOTAL SURROGATE AMOUNT = 23.27238 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.48A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/20/2008 1:56:58 AM
File reported on: 9/20/2008 at 1:56:57 AM

ASX04 1385

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp25\C-Drive\CPWIN\DATA1\p242.seq
Chromatography Directory: \\cp25\C-Drive\cpwin\DATA1
Method Directory: \\cp25\C-Drive\cpwin\DATA1
Number of Entries: 36

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1	CONDITIONER	MISC	AA	p242.01R	AROMPSUM.MI	1	1	1	0824199999	
2	CONDITIONER	MISC	AA	p242.02R	AROMPSUM.MI	1	1	1	0824199999	
3	CONDITIONER	MISC	AA	p242.03R	AROMPSUM.MI	1	1	1	0824199999	
4	CONDITIONER	MISC	AA	p242.04R	AROMPSUM.MI	1	1	1	0824199999	
5	CONDITIONER	MISC	AA	p242.05R	AROMPSUM.MI	1	1	1	0824199999	
6	CONDITIONER	MISC	AA	p242.06R	AROMPSUM.MI	1	1	1	0824199999	
7	CONDITIONER	MISC	AA	p242.07R	AROMPSUM.MI	1	1	1	0824199999	
8	CONDITIONER	MISC	AA	p242.08R	AROMPSUM.MI	1	1	1	0824199999	
9	CONDITIONER	MISC	AA	p242.09R	AROMPSUM.MI	1	1	1	0824199999	
10	MAAR30832D	T	AA	p242.10R	AROMPSUM.MI	1	1	1	0824199999	
11	MAAL30832E	T	AA	p242.11R	ALIPPSUM.MET	1	1	1	0824199999	
12	CONDITIONER	T	AA	p242.12R	ALIPPSUM.MET	1	1	1	0824199999	
13	MAAR10832C	ICAL	AA	p242.13R	AROMPSUM.MI	1	1	1	0824199999	
14	MAAR20832D	ICAL	AA	p242.14R	AROMPSUM.MI	1	1	1	0824199999	
15	MAAR30832D	ICAL	AA	p242.15R	AROMPSUM.MI	1	1	1	0824199999	
16	MAAR40832D	ICAL	AA	p242.16R	AROMPSUM.MI	1	1	1	0824199999	
17	MAAR50832B	ICAL	AA	p242.17R	AROMPSUM.MI	1	1	1	0824199999	
18	CONDITIONER	ICAL	AA	p242.18R	AROMPSUM.MI	1	1	1	0824199999	
19	MAAL10832D	ICAL	AA	p242.19R	ALIPPSUM.MET	1	1	1	0824199999	
20	MAAL20832E	ICAL	AA	p242.20R	ALIPPSUM.MET	1	1	1	0824199999	
21	MAAL30832E	ICAL	AA	p242.21R	ALIPPSUM.MET	1	1	1	0824199999	
22	MAAL40832E	ICAL	AA	p242.22R	ALIPPSUM.MET	1	1	1	0824199999	
23	MAAL50832C	ICAL	AA	p242.23R	ALIPPSUM.MET	1	1	1	0824199999	
24	CONDITIONER	ICAL	AA	p242.24R	ALIPPSUM.MET	1	1	1	0824199999	
25	1FUL10832D	ICAL	AA	p242.25R	FLP.MET	1	1	1	0824199999	
26	1FUL20832G	ICAL	AA	p242.26R	FLP.MET	1	1	1	0824199999	
27	1FUL30832E	ICAL	AA	p242.27R	FLP.MET	1	1	1	0824199999	
28	CONDITIONER	ICAL	AA	p242.28R	ALIPPSUM.MET	1	1	1	0824199999	
29	CONDITIONER	ICAL	AA	p242.29R	ALIPPSUM.MET	1	1	1	0824199999	
30	MAAR30832D	CCAL	CB	p242.30R	AROMPSUM.MI	1	1	1	0824199999	
31	MAAL30832E	CCAL	GX	p242.31R	ALIPPSUM.MET	1	1	1	0824499999	
32	1FUL10832D	ICAL	AA	p242.32R	FLP.MET	1	1	1	0824199999	
33	1FUL20832G	ICAL	AA	p242.33R	FLP.MET	1	1	1	0824199999	
34	1FUL30832E	ICAL	AA	p242.34R	FLP.MET	1	1	1	0824199999	
35	1FUL40832F	ICAL	AA	p242.35R	FLP.MET	1	1	1	0824199999	
36	1FUL50832E	ICAL	AA	p242.36R	FLP.MET	1	1	1	0824199999	

ASX84 1386

Set-up by: RCB/375 Date: 9-2-08

9/1/08

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp25\C-Drive\cpwin\DATA1\P252.seq
Chromatography Directory: \\cp25\C-Drive\cpwin\DATA1
Method Directory: \\cp25\C-Drive\cpwin\DATA1
Number of Entries: 68

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1 MAAR20832D	CCAL	YM	P252.01R	AROMPSUM.MI	1	1	1	0825099999	
2 MAAL20832E	CCAL	CX	P252.02R	ALIPPSUM.MET	1	1	1	0825099999	
3 BLANKA 8/29/08M	BLK	AB	P252.03R	MALAM.MET	1000	1	1	082410029A	06976
4 BLANKA 8/29/08P	BLK	AC	P252.04R	MALAP.MET	1000	1	1	082410029A	06976
5 LCSA 8/29/08M	LCS	AB	P252.05R	MALAM.MET	1000	1	1	082410029A	06976
6 LCSA 8/29/08P	LCS	AC	P252.06R	MALAP.MET	1000	1	1	082410029A	06976
7 LCSDA 8/29/08M	LCSD	AB	P252.07R	MALAM.MET	1000	1	1	082410029A	06976
8 LCSDA 8/29/08P	LCSD	AC	P252.08R	MALAP.MET	1000	1	1	082410029A	06976
9 5450820M	T	AB	P252.09R	MALAM.MET	100	1	1	082410029A	06976
10 5450820P	T	AC	P252.10R	MALAP.MET	100	1	1	082410029A	06976
11 5450820 8/29/08M	DUP	AB	P252.11R	MALAM.MET	100	1	1	082410029A	06976
12 5450820 8/29/08P	DUP	AC	P252.12R	MALAP.MET	100	1	1	082410029A	06976
13 MAAR30832D RT update	CCAL	CF	P252.13R	AROMPSUM.MI	1	1	1	0825199999	
14 MAAL30832E MS 9/30/08	CCAL	HB	P252.14R	ALIPPSUM.MET	1	1	1	0825199999	
15 BLANKA 8/28/08M	BLK	AB	P252.15R	AROMPSUM.MI	1000	1	1	082410010A	05331
16 BLANKA 8/28/08P	BLK	AC	P252.16R	ALIPPSUM.MET	1000	1	1	082410010A	05331
17 LCSA 8/28/08M	LCS	AB	P252.17R	AROMPSUM.MI	1000	1	1	082410010A	05331
18 LCSA 8/28/08P	LCS	AC	P252.18R	ALIPPSUM.MET	1000	1	1	082410010A	05331
19 LCSDA 8/28/08M	LCSD	AB	P252.19R	AROMPSUM.MI	1000	1	1	082410010A	05331
20 LCSDA 8/28/08P	LCSD	AC	P252.20R	ALIPPSUM.MET	1000	1	1	082410010A	05331
21 5451752M	T	AB	P252.21R	AROMPSUM.MI	1053	1	1	082410010A	05331
22 5451752P	T	AC	P252.22R	ALIPPSUM.MET	1053	1	1	082410010A	05331
23 CONDITIONER	T	AA	P252.23R	ALIPPSUM.MET	1053	1	1	082410010A	
24 CONDITIONER	T	AA	P252.24R	ALIPPSUM.MET	1053	1	1	082410010A	
25 MAAR40832D	CCAL	ZG	P252.25R	AROMPSUM.MI	1	1	1	0825199999	
26 MAAL40832E	CCAL	CD	P252.26R	ALIPPSUM.MET	1	1	1	0825199999	
27 5451753M	T	AB	P252.27R	AROMPSUM.MI	1045	1	1	082410010A	05331
28 5451753P	T	AC	P252.28R	ALIPPSUM.MET	1045	1	1	082410010A	05331
29 CONDITIONER	T	AA	P252.29R	ALIPPSUM.MET	1045	1	1	082410010A	
30 CONDITIONER	T	AA	P252.30R	ALIPPSUM.MET	1045	1	1	082410010A	
31 5451754M	T	AB	P252.31R	AROMPSUM.MI	1038	1	1	082410010A	05331
32 5451754P	T	AC	P252.32R	ALIPPSUM.MET	1038	1	1	082410010A	05331
33 CONDITIONER	T	AA	P252.33R	ALIPPSUM.MET	1038	1	1	082410010A	
34 CONDITIONER	T	AA	P252.34R	ALIPPSUM.MET	1038	1	1	082410010A	
35 BLANKA 9/3/08M	BLK	AB	P252.35R	AROMPSUM.MI	1000	1	1	082460019A	05331
36 BLANKA 9/3/08P	BLK	AC	P252.36R	ALIPPSUM.MET	1000	1	1	082460019A	05331
37 MAAR20832D	CCAL	YN	P252.37R	AROMPSUM.MI	1	1	1	0825199999	
38 MAAL20832E	CCAL	CY	P252.38R	ALIPPSUM.MET	1	1	1	0825199999	
39 LCSA 9/3/08M	LCS	AB	P252.39R	AROMPSUM.MI	1000	1	1	082460019A	05331
40 LCSA 9/3/08P	LCS	AC	P252.40R	ALIPPSUM.MET	1000	1	1	082460019A	05331
41 LCSDA 9/3/08M	LCSD	AB	P252.41R	AROMPSUM.MI	1000	1	1	082460019A	05331
42 LCSDA 9/3/08P	LCSD	AC	P252.42R	ALIPPSUM.MET	1000	1	1	082460019A	05331
43 5452880M	T	AB	P252.43R	AROMPSUM.MI	200	1	1	082460019A	05331
44 5452880P	T	AC	P252.44R	ALIPPSUM.MET	200	1	1	082460019A	05331
45 CONDITIONER	T	AA	P252.45R	ALIPPSUM.MET	1038	1	1	082410010A	
46 CONDITIONER	T	AA	P252.46R	ALIPPSUM.MET	1038	1	1	082410010A	
47 MAAR30832D	CCAL	CG	P252.47R	AROMPSUM.MI	1	1	1	0825199999	
48 MAAL30832E	CCAL	HC	P252.48R	ALIPPSUM.MET	1	1	1	0825199999	
49 5452880 9/3/08M	DUP	AB	P252.49R	AROMPSUM.MI	200	1	1	082460019A	05331
50 5452880 9/3/08P	DUP	AC	P252.50R	ALIPPSUM.MET	200	1	1	082460019A	05331

ASX84 1387

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp25\C-Drive\cpwin\DATA1\P252.seq
Chromatography Directory: \\cp25\C-Drive\cpwin\DATA1
Method Directory: \\cp25\C-Drive\cpwin\DATA1
Number of Entries: 68

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
51 CONDITIONER	T	AA	P252.51R	ALIPPSUM.METI	1038	1	1	082410010A	
52 CONDITIONER	T	AA	P252.52R	ALIPPSUM.METI	1038	1	1	082410010A	
53 5452882M	T	AB	P252.53R	AROMPSUM.MI	200	1	1	082460019A	05331
54 5452882P	T	AC	P252.54R	ALIPPSUM.METI	200	1	1	082460019A	05331
55 CONDITIONER	T	AA	P252.55R	ALIPPSUM.METI	1038	1	1	082410010A	
56 CONDITIONER	T	AA	P252.56R	ALIPPSUM.METI	1038	1	1	082410010A	
57 5452887M	T	AB	P252.57R	AROMPSUM.MI	1066	1	1	082460019A	05331
58 5452887P	T	AC	P252.58R	ALIPPSUM.METI	1066	1	1	082460019A	05331
59 MAAR40832D	CCAL	ZH	P252.59R	AROMPSUM.MI	1	1	1	0825199999	
60 MAAL40832E	CCAL	CE	P252.60R	ALIPPSUM.METI	1	1	1	0825199999	
61 5452890M	T	AB	P252.61R	AROMPSUM.MI	1028	1	1	082460019A	05331
62 5452890P	T	AC	P252.62R	ALIPPSUM.METI	1028	1	1	082460019A	05331
63 5454469M	T	AB	P252.63R	AROMPSUM.MI	1020	1	1	082460019A	05331
64 5454469P	T	AC	P252.64R	ALIPPSUM.METI	1020	1	1	082460019A	05331
65 MAAR20832D	CCAL	YO	P252.65R	AROMPSUM.MI	1	1	1	0825199999	
66 MAAL20832E	CCAL	CZ	P252.66R	ALIPPSUM.METI	1	1	1	0825199999	
67 WAAR30832A	CCAL	HI	P252.67R	WARPCOM.ME	1	1	1	0825199999	
68 WAAL30832A	CCAL	HL	P252.68R	WALPCOM.ME	1	1	1	0825199999	

ASXB4 1388

Set-up by: RCB/375 Date: 9-11-08

9/11/08

Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp25\C-Drive\cpwin\DATA1\P262.seq
Chromatography Directory: \\cp25\C-Drive\cpwin\DATA1
Method Directory: \\cp25\C-Drive\cpwin\DATA1
Number of Entries: 48

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1	MAAR20832D	CCAL	YP	P262.01R	AROMPSUM.MI	1	1	1	0826099999	
2	MAAL20832E	CCAL	DA	P262.02R	ALIPPSUM.MET	1	1	1	0826099999	
3	BLANKA 8/28/08M	BLK	AC	P262.03R	AROMPSUM.MI	10	1	1	082400016A	05949
4	BLANKA 8/28/08P	BLK	AB	P262.04R	ALIPPSUM.MET	10	1	1	082400016A	05949
5	LCSA 8/28/08M	LCS	AC	P262.05R	AROMPSUM.MI	10	1	1	082400016A	05949
6	LCSA 8/28/08P	LCS	AB	P262.06R	ALIPPSUM.MET	10	1	1	082400016A	05949
7	LCSDA 8/28/08M	LCSD	AC	P262.07R	AROMPSUM.MI	10	1	1	082400016A	05949
8	LCSDA 8/28/08P	LCSD	AB	P262.08R	ALIPPSUM.MET	10	1	1	082400016A	05949
9	5450992M	T	AC	P262.09R	AROMPSUM.MI	10	1	1	082400016A	05969
10	5450992P	T	AB	P262.10R	ALIPPSUM.MET	10	1	1	082400016A	05969
11	5450994M	T	AC	P262.11R	AROMPSUM.MI	10	1	1	082400016A	05949
12	5450994P	T	AB	P262.12R	ALIPPSUM.MET	10	1	1	082400016A	05949
13	MAAR30832D	CCAL	CH	P262.13R	AROMPSUM.MI	1	1	1	0826099999	
14	MAAL30832E	CCAL	HD	P262.14R	ALIPPSUM.MET	1	1	1	0826099999	
15	5450993M	T	AC	P262.15R	AROMPSUM.MI	10	1	1	082400016A	05949
16	5450993P	T	AB	P262.16R	ALIPPSUM.MET	10	1	1	082400016A	05949
17	5450993 8/28/08M	DUP	AC	P262.17R	AROMPSUM.MI	10	1	1	082400016A	05949
18	5450993 8/28/08P	DUP	AB	P262.18R	ALIPPSUM.MET	10	1	1	082400016A	05949
19	BLANKA 9/2/08M	BLK	AB	P262.19R	AROMPSUM.MI	10	1	1	082430018A	05332
20	BLANKA 9/2/08P	BLK	AC	P262.20R	ALIPPSUM.MET	10	1	1	082430018A	05332
21	LCSA 9/2/08M	LCS	AB	P262.21R	AROMPSUM.MI	10	1	1	082430018A	05332
22	LCSA 9/2/08P	LCS	AC	P262.22R	ALIPPSUM.MET	10	1	1	082430018A	05332
23	LCSDA 9/2/08M	LCSD	AB	P262.23R	AROMPSUM.MI	10	1	1	082430018A	05332
24	LCSDA 9/2/08P	LCSD	AC	P262.24R	ALIPPSUM.MET	10	1	1	082430018A	05332
25	MAAR40832D	CCAL	ZI	P262.25R	AROMPSUM.MI	1	1	1	0826099999	
26	MAAL40832E	CCAL	CF	P262.26R	ALIPPSUM.MET	1	1	1	0826099999	
27	5454413M	T	AB	P262.27R	AROMPSUM.MI	10	1	1	082430018A	05332
28	5454413P	T	AC	P262.28R	ALIPPSUM.MET	10	1	1	082430018A	05332
29	5454424M	T	AB	P262.29R	AROMPSUM.MI	10	1	1	082430018A	05332
30	5454424P	T	AC	P262.30R	ALIPPSUM.MET	10	1	1	082430018A	05332
31	5454425M	T	AB	P262.31R	AROMPSUM.MI	10	1	1	082430018A	05332
32	5454425P	T	AC	P262.32R	ALIPPSUM.MET	10	1	1	082430018A	05332
33	5454445M	T	AB	P262.33R	AROMPSUM.MI	10	1	1	082430018A	05332
34	5454445P	T	AC	P262.34R	ALIPPSUM.MET	10	1	1	082430018A	05332
35	5454446MSM	MS	AB	P262.35R	AROMPSUM.MI	10	1	1	082430018A	05332
36	5454446MSP	MS	AC	P262.36R	ALIPPSUM.MET	10	1	1	082430018A	05332
37	5454447MSDM	MSD	AB	P262.37R	AROMPSUM.MI	10	1	1	082430018A	05332
38	5454447MSDP	MSD	AC	P262.38R	ALIPPSUM.MET	10	1	1	082430018A	05332
39	MAAR30832D	CCAL	CI	P262.39R	AROMPSUM.MI	1	1	1	0826199999	
40	MAAL30832E	CCAL	HE	P262.40R	ALIPPSUM.MET	1	1	1	0826199999	
41	BLANKA 9/2/08M	BLK	AB	P262.41R	AROMPSUM.MI	10	1	1	082430018A	05332
42	BLANKA 9/2/08P	BLK	AC	P262.42R	ALIPPSUM.MET	10	1	1	082430018A	05332
43	LCSA 9/2/08M	LCS	AB	P262.43R	AROMPSUM.MI	10	1	1	082430018A	05332
44	LCSA 9/2/08P	LCS	AC	P262.44R	ALIPPSUM.MET	10	1	1	082430018A	05332
45	LCSDA 9/2/08M	LCSD	AB	P262.45R	AROMPSUM.MI	10	1	1	082430018A	05332
46	LCSDA 9/2/08P	LCSD	AC	P262.46R	ALIPPSUM.MET	10	1	1	082430018A	05332
47	MAAR40832D	CCAL	ZJ	P262.47R	AROMPSUM.MI	1	1	1	0826299999	
48	MAAL40832E	CCAL	CG	P262.48R	ALIPPSUM.MET	1	1	1	0826299999	

ASXB4 1389

Set-up by: GAY217 Date: 9/30/08

9/30/08

MA EPH

MAAR10832C AAMAAR1AA ICAL 0824199999

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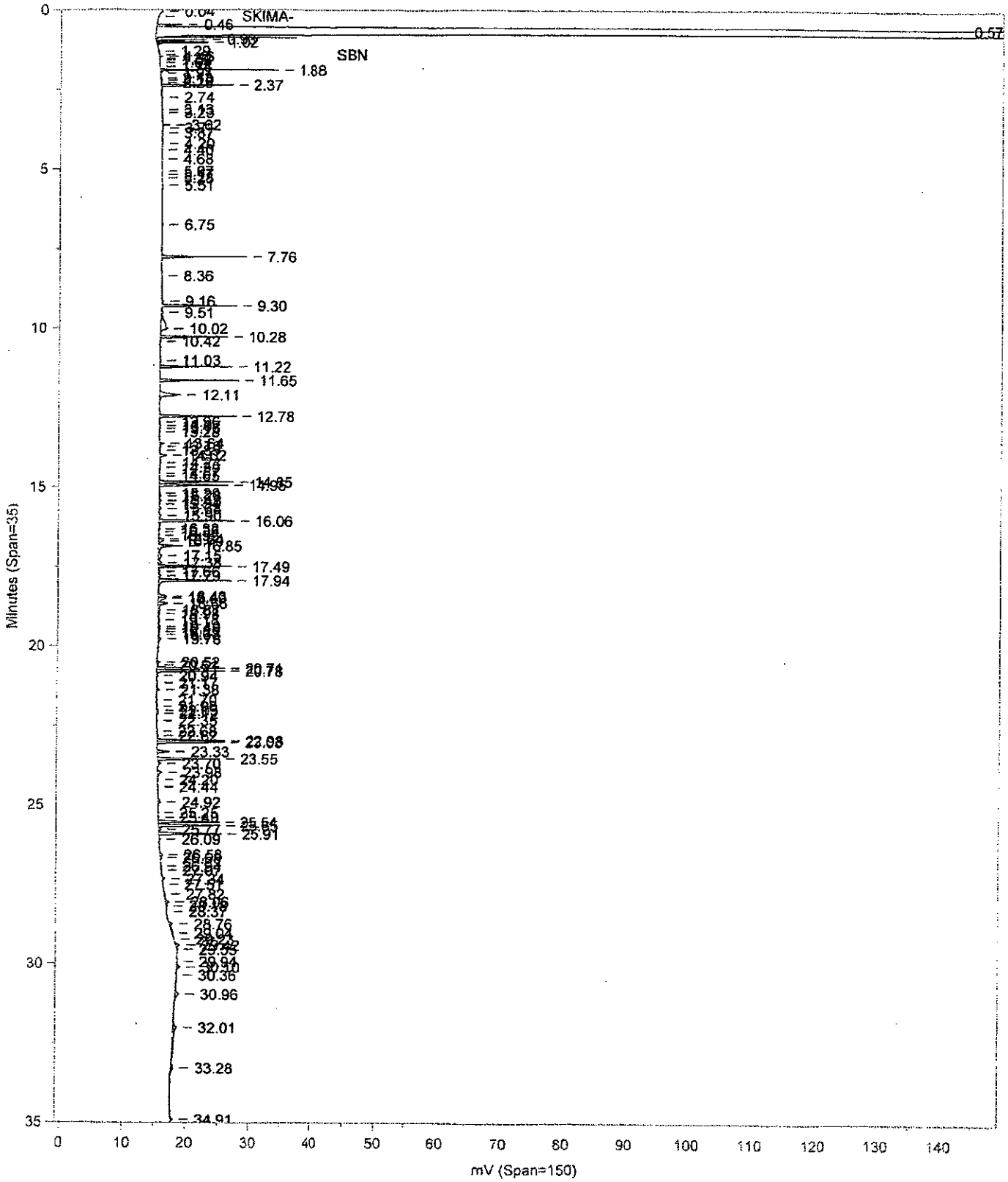


Instrument ID:CP25--H6610A Injected on: 8/30/2008 11:09:20 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX84 1390

MA EPH

Sample ID: MAAR10832C AAMAAR1AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
32	7.762	Naphthalene	1.0013	26583	.03	13413
35	9.297	2-Methylnaphthalene	1.00334	24981	.033	11979
38	10.281	2-Fluorobiphenyl	.98162	22498 ✓	.033	10662
41	11.22	Acenapthylene	.99433	23897	.033	11565
42	11.651	Acenaphthene	.98835	25995	.033	12400
44	12.782	Fluorene	1.01403	26879	.034	12081
57	14.847	Phenanthrene	1.01902	27579	.035	11936
58	14.945	Anthracene	1.04953	24951 ✓	.036	10787
65	16.061	SS o-Terphenyl	1.08147	30095 ✓	.037	11891
74	17.494	Fluoranthene	.99492	26752	.036	11465
77	17.935	Pyrene	1.1662	32754	.039	11591
91	20.706	Benzo(a)anthracene	.97975	26174	.038	10589
92	20.783	Chrysene	1.03699	27338	.04	10592
103	22.976	Benzo(b)fluoranthene	1.3125	27669	.044	10709
104	23.025	Benzo(k)fluoranthene	5.51569	27780	.048	10644
106	23.549	Benzo(a)pyrene	1.00933	25618	.041	9695
114	25.541	Indeno(1,2,3-cd)pyre	.98834	25589	.042	9575
115	25.654	Dibenzo(a,h)anthrace	.9885	26278	.042	9620
117	25.914	Benzo(ghi)perylene	1.25164	26747	.042	9826

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.660	26.030	24.377	100.000	650590.3	5.679

Total slice amount= 24.377
Total slice amount %= 100.0

Total slice area= 650590.3
Total slice area %= 5.7

- 22498
627642
- 30095
~~597547~~
597997.3

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 650590.3
Unadjusted Aromatics AMOUNT (C11- C22) = 16.64277 PPM*

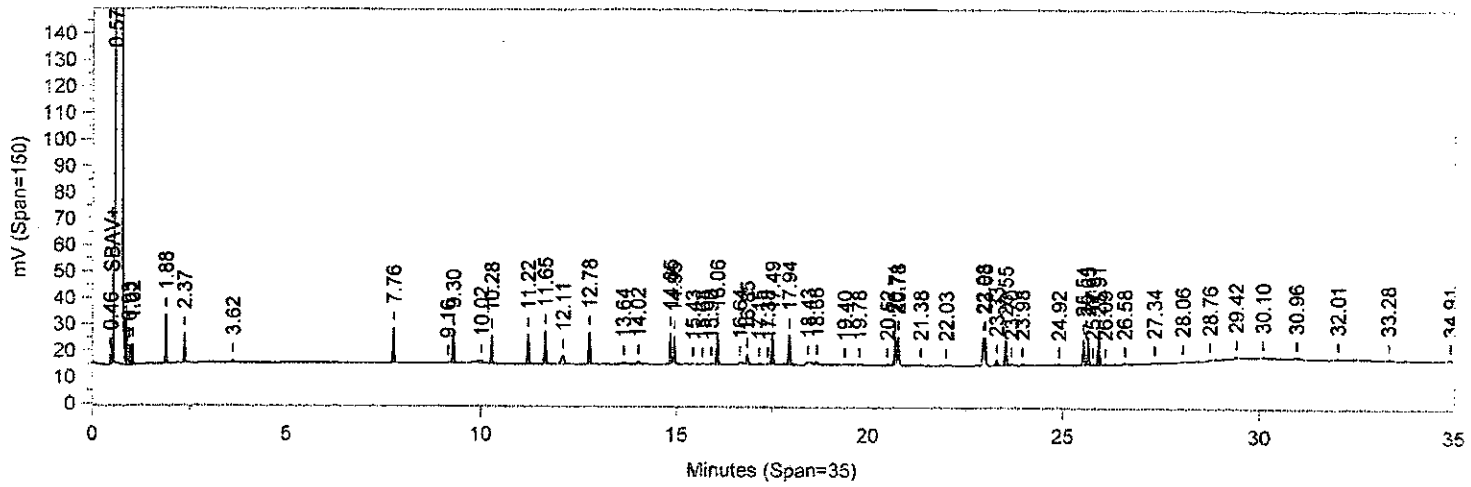
③ NLB/375
9-2-08

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.13A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/1/2008 1:40:18 PM
File reported on: 9/1/2008 at 1:40:18 PM

ASX84 1391

MA EPH
MAAR10832C AAMAAR1AA ICAL 0824199999
C:\CPWIN\DATA1\P242.13R



Sample Name:MAAR10832C AAMAAR1AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/30/2008 11:09:20 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
8	7.762	Naphthalene	.9853	26158	.03	13386
10	9.297	2-Methylnaphthalene	.9768	24321	.033	11907
12	10.281	2-Fluorobiphenyl	.9783	22422	.033	10652
13	11.22	Acenapthylene	.9943	23897	.033	11565
14	11.651	Acenaphthene	.9866	25950	.033	12399
16	12.782	Fluorene	1.0046	26630	.034	12064
19	14.847	Phenanthrene	.9277	25107	.035	11567
20	14.945	Anthracene	.9376	22289	.035	10340
24	16.061	SS o-Terphenyl	1.032	28720	.037	11816
29	17.494	Fluoranthene	.9654	25959	.036	11361
30	17.935	Pyrene	1.0934	30709	.039	11450
36	20.706	Benzo(a)anthracene	.8389	22412	.038	9819
37	20.783	Chrysene	.8626	22741	.04	9731
40	22.976	Benzo(b)fluoranthene	.5934	12496	.043	5931
41	23.025	Benzo(k)fluoranthene	1.0334	10947	.046	6189
43	23.549	Benzo(a)pyrene	1.0088	25605	.041	9693
47	25.541	Indeno(1,2,3-cd)pyre	.9536	24689	.042	9462
48	25.654	Dibenzo(a,h)anthrace	.9537	25352	.042	9493
50	25.914	Benzo(ghi)perylene	.9879	26397	.042	9792

2-FLUOROBIPHENYL % RECOVERY = 4.661357 %
o-TERPHENYL % RECOVERY = 5.160195 %

TOTAL SURROGATE AMOUNT = 2.010365 PPM

FILES:
Area File: C:\CPWIN\DATA1\P242.13A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:40:26 PM
File reported on: 9/1/2008 at 1:40:24 PM

MA EPH

MAAR20832D AAMAAR2AA ICAL 0824199999

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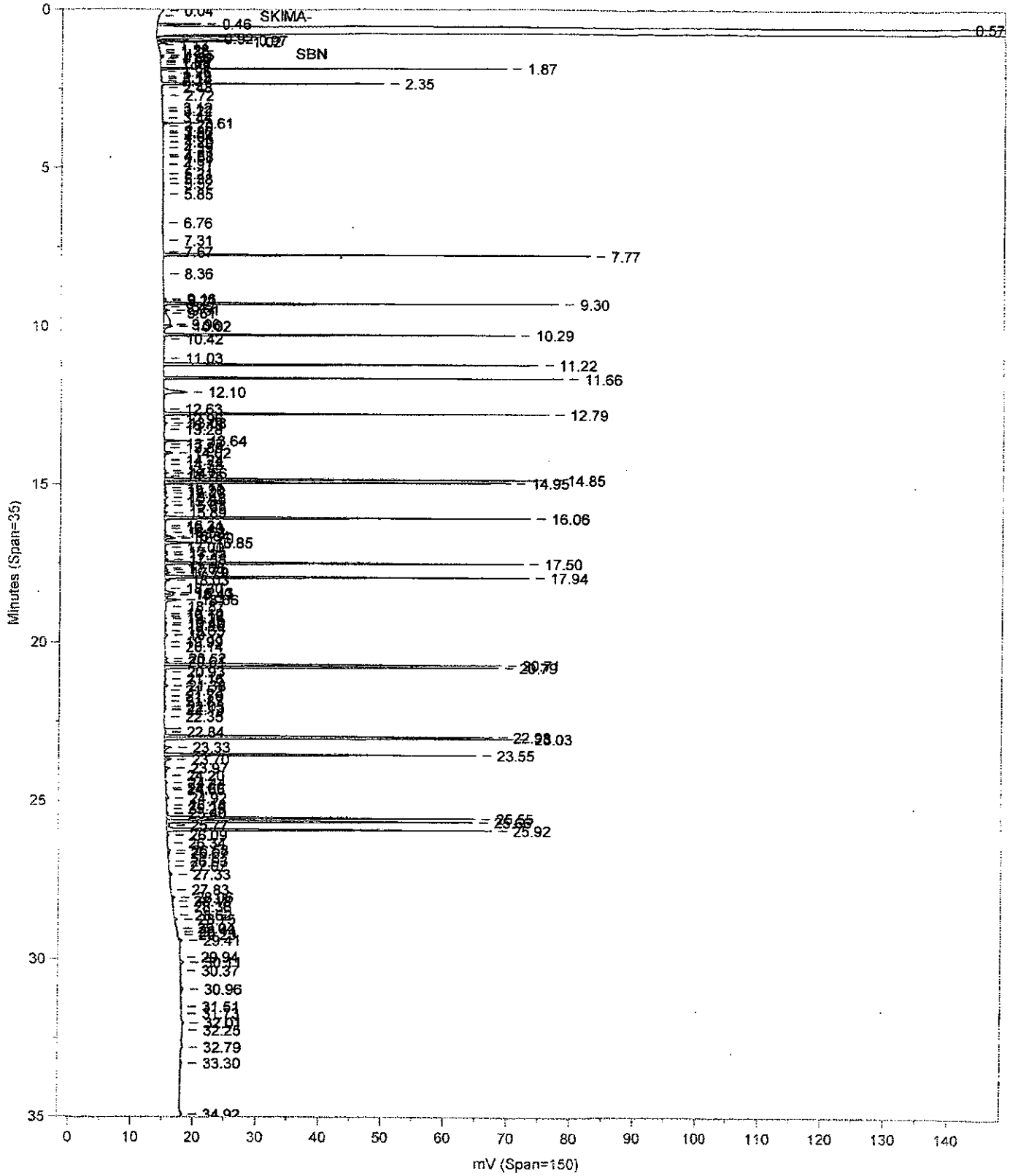

Instrument ID:CP25--H6610A Injected on: 8/31/2008 12:21:59 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAR20832D AAMAAR2AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
44	7.765	Naphthalene	5.06163	134378	.031	68499
48	9.301	2-Methylnaphthalene	5.08805	126683	.031	63072
54	10.286	2-Fluorobiphenyl	5.11809	117300	.033	57119
57	11.223	Acenapthylene	5.12209	123101	.032	60004
58	11.655	Acenaphthene	5.0995	134122	.033	63777
61	12.786	Fluorene	5.0966	135098	.034	62163
75	14.85	Phenanthrene	5.06335	137037	.035	60925
76	14.948	Anthracene	5.22214	124148	.035	55622
84	16.062	SS o-Terphenyl	5.0363	140152	.037	58524
95	17.496	Fluoranthene	5.06211	136114	.037	57485
99	17.937	Pyrene	4.97716	139788	.037	58616
117	20.707	Benzo(a)anthracene	5.05954	135165	.039	53983
118	20.786	Chrysene	5.17272	136365	.04	53979
129	22.98	Benzo(b)fluoranthene	6.93308	146003	.048	52567
130	23.03	Benzo(k)fluoranthene	12.35163	130837	.044	55976
132	23.553	Benzo(a)pyrene	5.10724	129625	.041	50242
143	25.546	Indeno(1,2,3-cd)pyre	5.11492	132431	.041	49427
144	25.658	Dibenzo(a,h)anthrace	5.11749	136041	.043	49445
146	25.923	Benzo(ghi)perylene	5.15636	137771	.041	51951

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.660	26.030	105.960	100.000	2733833.0	20.109

Total slice amount= 105.960
Total slice amount %= 100.0

Total slice area= 2733833.0
Total slice area %= 20.1

−117300
2616533
− 140152
2476381

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2733833
Unadjusted Aromatics AMOUNT (C11- C22) = 69.93427 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
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Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
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File reported on: 9/1/2008 at 1:40:35 PM

MA EPH
MAAR20832D AAMAAR2AA ICAL 0824199999
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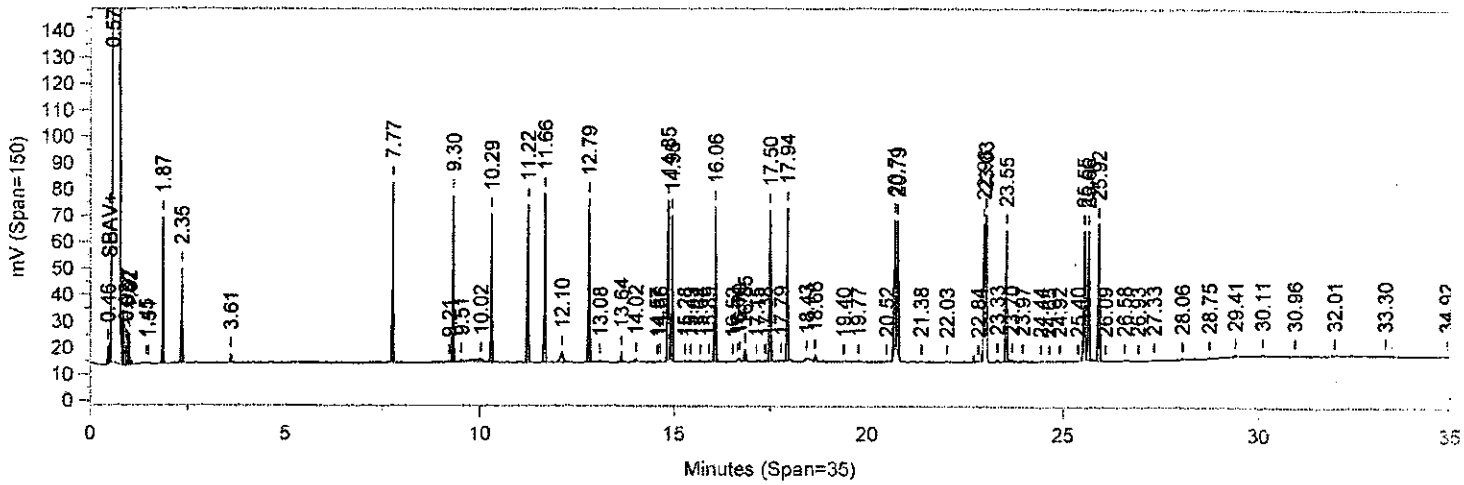

Sample Name:MAAR20832D AAMAAR2AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 12:21:59 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
11	7.765	Naphthalene	5.0544	134187	.031	68476
13	9.301	2-Methylnaphthalene	5.0561	125887	.031	62983
16	10.286	2-Fluorobiphenyl	5.0863	116571	.033	57039
17	11.223	Acenapthylene	5.1221	123101	.032	60004
18	11.655	Acenaphthene	5.099	134108	.033	63777
20	12.786	Fluorene	5.0623	134190	.034	62099
26	14.85	Phenanthrene	4.8773	132003	.035	60106
27	14.948	Anthracene	4.9753	118281	.035	54742
32	16.062	SS o-Terphenyl	4.9735	138405	.037	58366
39	17.496	Fluoranthene	5.0213	135017	.037	57382
41	17.937	Pyrene	4.8667	136685	.037	58234
47	20.707	Benzo(a)anthracene	4.2819	114389	.039	49790
48	20.786	Chrysene	4.3343	114261	.04	49992
52	22.98	Benzo(b)fluoranthene	2.9537	63993	.046	30315
53	23.03	Benzo(k)fluoranthene	3.5577	56305	.043	32110
55	23.553	Benzo(a)pyrene	5.0695	128666	.041	50154
62	25.546	Indeno(1,2,3-cd)pyre	4.914	127229	.041	48764
63	25.658	Dibenzo(a,h)anthrace	4.9286	131020	.043	48777
64	25.923	Benzo(ghi)perylene	5.0878	135938	.041	51806

2-FLUOROBIPHENYL % RECOVERY = 24.23413 %
o-TERPHENYL % RECOVERY = 24.86769 %

TOTAL SURROGATE AMOUNT = 10.0598 PPM

FILES:
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Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
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File reported on: 9/1/2008 at 1:40:42 PM

MA EPH

MAAR30832D AAMAAR3AA ICAL 0824199999

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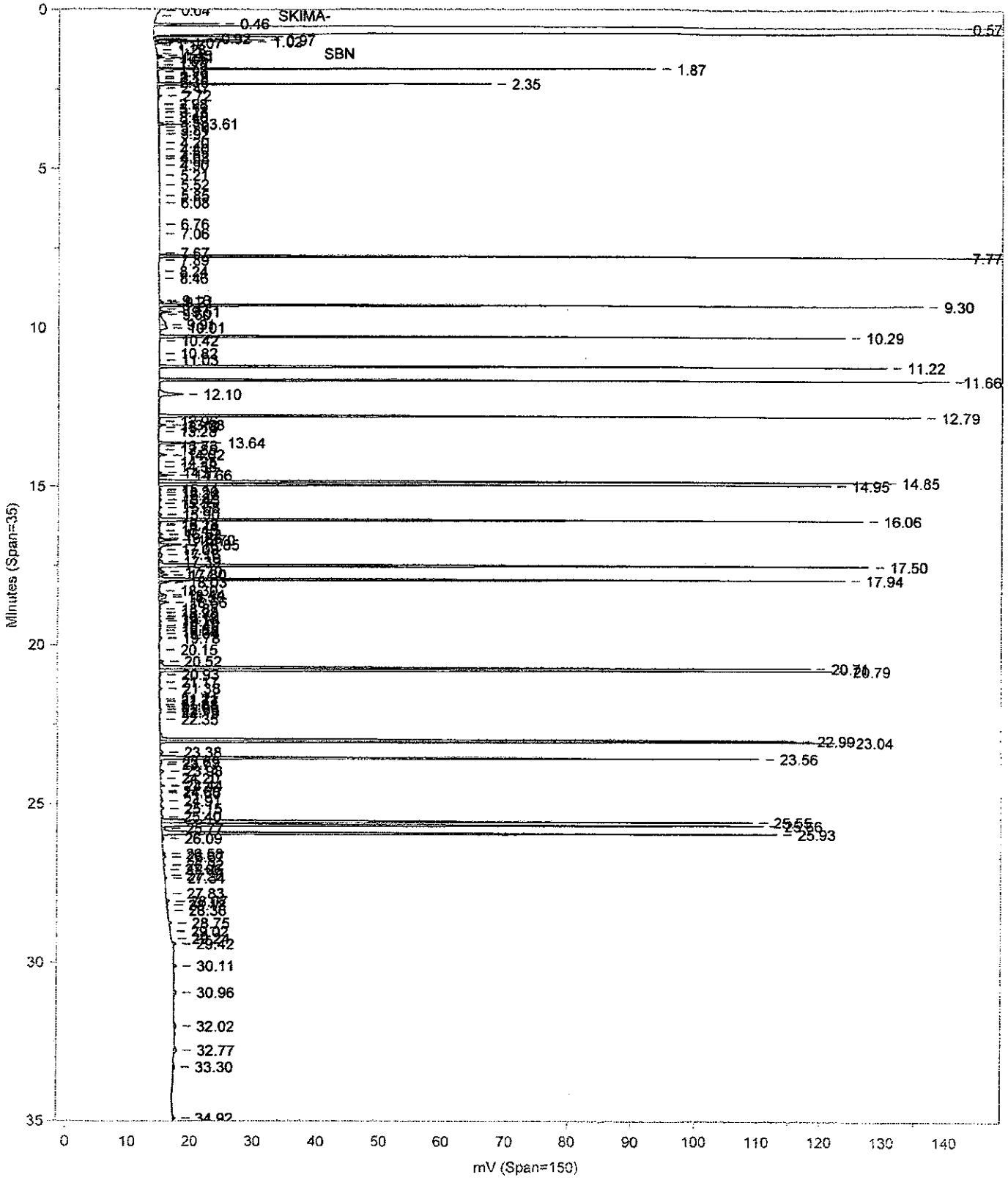

Instrument ID:CP25--H6610A Injected on: 8/31/2008 1:29:46 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX04 1396

MA EPH

Sample ID: MAAR30832D AAMAAR3AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
44	7.767	Naphthalene	9.95872	264388	.031	134246
50	9.302	2-Methylnaphthalene	9.97843	248444	.032	122847
56	10.286	2-Fluorobiphenyl	10.04407	230198	.033	110905
60	11.224	Acenapthylene	10.07456	242127	.033	116896
61	11.656	Acenaphthene	10.08303	265193	.033	125804
63	12.785	Fluorene	9.99658	264984	.034	122525
76	14.852	Phenanthrene	9.87209	267183	.036	116192
77	14.949	Anthracene	10.12213	240638	.035	107179
85	16.065	SS o-Terphenyl	9.79233	272504	.038	113088
96	17.5	Fluoranthene	10.01119	269188	.037	113084
99	17.942	Pyrene	9.66885	271558	.039	110488
117	20.713	Benzo(a)anthracene	10.04326	268305	.04	104112
118	20.792	Chrysene	10.02509	264284	.039	108636
129	22.988	Benzo(b)fluoranthene	13.1927	285827	.047	101412
130	23.036	Benzo(k)fluoranthene	16.2592	257321	.045	108284
132	23.558	Benzo(a)pyrene	10.02571	254459	.041	96361
143	25.553	Indeno(1,2,3-cd)pyre	10.01766	259368	.043	94748
144	25.664	Dibenzo(a,h)anthrace	10.00447	265955	.043	96534
146	25.93	Benzo(ghi)perylene	10.08719	269516	.042	98328

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.660	26.030	199.257	100.000	5181416.0	32.248

Total slice amount= 199.257
Total slice amount %= 100.0

Total slice area= 5181416.0
Total slice area %= 32.2

- 236198
4951218
272504
4678714

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 5181416
Unadjusted Aromatics AMOUNT (C11- C22) = 132.546 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.15A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
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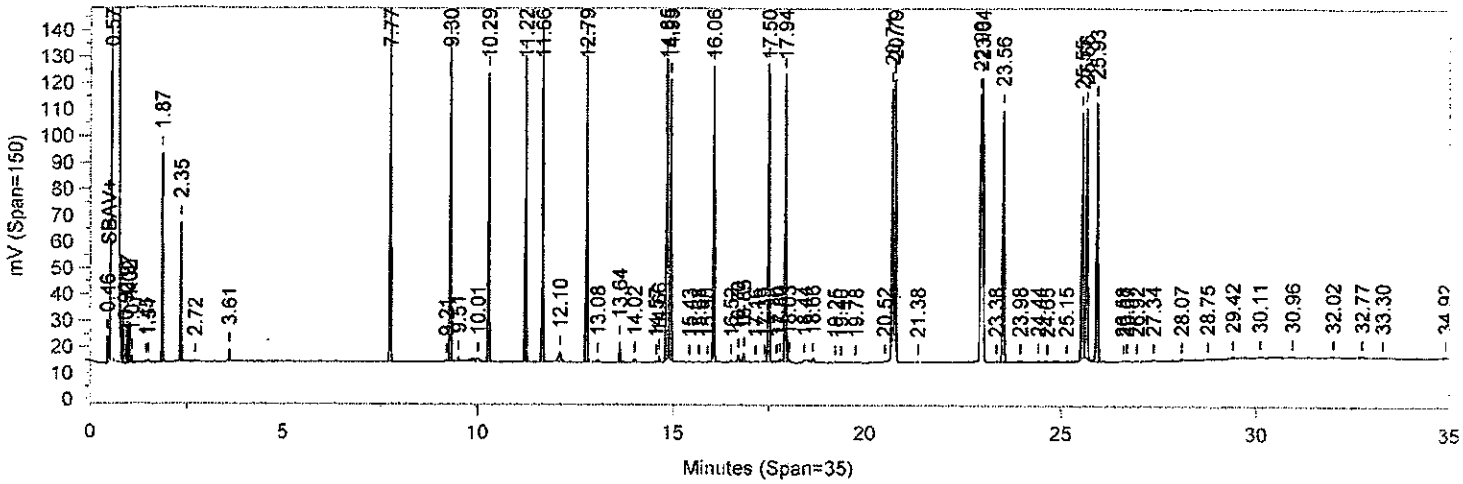
File reported on: 9/1/2008 at 1:40:53 PM

ASX84 1397

MA EPH
MAAR30832D AAMAAR3AA ICAL 0824199999
C:\CPWIN\DATA1\P242.15R



Sample Name:MAAR30832D AAMAAR3AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 1:29:46 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
13	7.767	Naphthalene	9.9331	263707	.031	134173
15	9.302	2-Methylnaphthalene	9.9446	247601	.032	122743
18	10.286	2-Fluorobiphenyl	10.0144	229519	.033	110836
19	11.224	Acenapthylene	10.0563	241688	.033	116876
20	11.656	Acenaphthene	10.027	263721	.033	125708
22	12.785	Fluorene	9.9362	263384	.034	122415
28	14.852	Phenanthrene	9.6064	259992	.036	115030
29	14.949	Anthracene	9.7776	232446	.035	105952
33	16.065	SS o-Terphenyl	9.7095	270198	.038	112877
39	17.5	Fluoranthene	9.8633	265213	.037	112739
42	17.942	Pyrene	9.4848	266390	.039	109903
50	20.713	Benzo(a)anthracene	8.3636	223432	.04	95637
51	20.792	Chrysene	8.444	222604	.038	101008
53	22.988	Benzo(b)fluoranthene	5.4247	120621	.045	52663
54	23.036	Benzo(k)fluoranthene	5.3148	111465	.044	61340
56	23.558	Benzo(a)pyrene	9.9462	252443	.041	96186
61	25.553	Indeno(1,2,3-cd)pyre	9.6292	249311	.043	93371
62	25.664	Dibenzo(a,h)anthrace	9.6452	256403	.043	95276
63	25.93	Benzo(ghi)perylene	9.9719	266436	.042	98095

2-FLUOROBIPHENYL % RECOVERY = 47.7151 %
o-TERPHENYL % RECOVERY = 48.5475 %

TOTAL SURROGATE AMOUNT = 19.72395 PPM

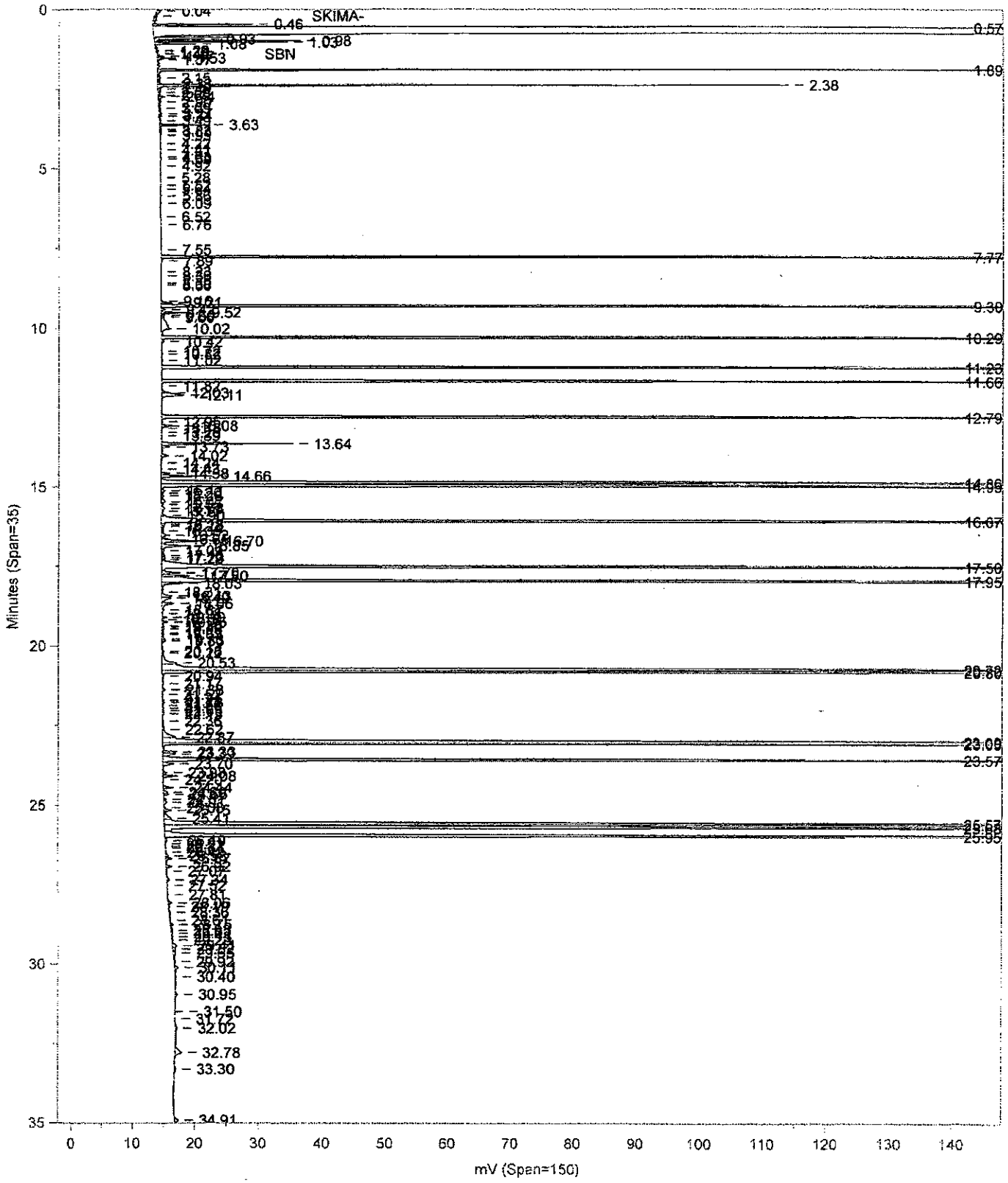
FILES:
Area File: C:\CPWIN\DATA1\P242.15A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:00 PM
File reported on: 9/1/2008 at 1:41:00 PM

ASX04 1398

MA EPH

MAAR40832D AAMAAR4AA ICAL 0824199999

C:\CPWIN\DATA1\P242.16R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 2:38:44 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX84 1399

MA EPH

Sample ID: MAAR40832D AAMAAR4AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
44	7.77	Naphthalene	25.13413	667271	.031	337769
52	9.305	2-Methylnaphthalene	25.18478	627053	.033	303044
58	10.289	2-Fluorobiphenyl	25.37248	581506	.033	273475
63	11.227	Acenapthylene	25.20115	605671	.034	283409
64	11.659	Acenaphthene	25.27107	664653	.034	310736
68	12.789	Fluorene	25.02508	663352	.035	295752
81	14.856	Phenanthrene	25.07097	678534	.038	272182
82	14.954	Anthracene	24.67941	586715	.036	251507
91	16.066	SS o-Terphenyl	24.61647	685033	.039	266466
103	17.505	Fluoranthene	25.35083	681652	.038	268978
106	17.946	Pyrene	23.93193	672149	.038	267619
127	20.721	Benzo(a)anthracene	25.37122	677789	.042	242197
128	20.8	Chrysene	24.67311	650439	.038	268500
142	22.997	Benzo(b)fluoranthene	31.94637	710348	.052	221238
143	23.051	Benzo(k)fluoranthene	30.66608	643148	.047	265853
146	23.57	Benzo(a)pyrene	24.97917	633989	.042	234187
159	25.57	Indeno(1,2,3-cd)pyre	25.23618	653393	.048	216180
160	25.68	Dibenzo(a,h)anthrace	25.25567	671387	.045	232453
161	25.951	Benzo(ghi)perylene	25.27414	675291	.044	233960

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.660	26.030	488.240	100.000	12861030.0	53.488

Total slice amount= 488.240
Total slice amount %= 100.0

Total slice area= 12861030.0
Total slice area %= 53.5

- 581506
12279524
- 685033
11594491

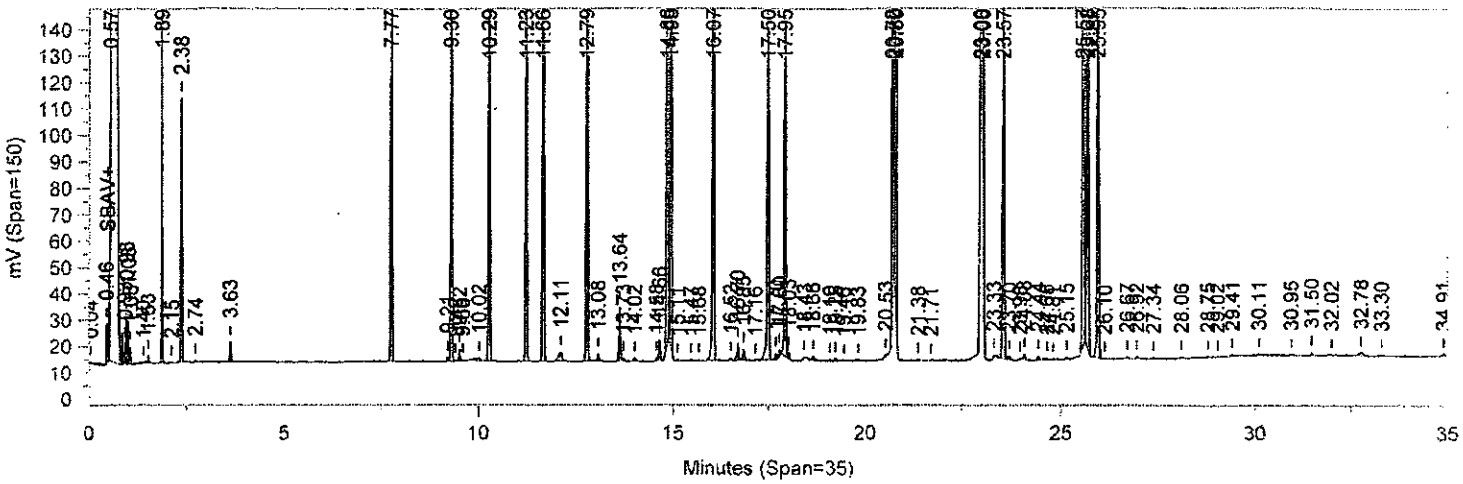
********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.286103E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 328.9984 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.16A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/1/2008 1:41:12 PM
File reported on: 9/1/2008 at 1:41:11 PM

MA EPH
MAAR40832D AAMAAR4AA ICAL 0824199999
——— C:\CPWIN\DATA1\P242.16R



Sample Name:MAAR40832D AAMAAR4AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 2:38:44 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
15	7.77	Naphthalene	25.0827	665905	.031	337666
17	9.305	2-Methylnaphthalene	25.1616	626475	.033	302973
22	10.289	2-Fluorobiphenyl	25.3249	580414	.033	273371
23	11.227	Acenapthylene	25.1993	605627	.034	283405
24	11.659	Acenaphthene	25.264	664468	.034	310724
26	12.789	Fluorene	24.9944	662540	.035	295701
33	14.856	Phenanthrene	23.5517	637417	.038	265655
34	14.954	Anthracene	23.2488	552704	.036	246560
38	16.066	SS o-Terphenyl	24.4818	681286	.039	266073
43	17.505	Fluoranthene	25.0328	673101	.038	268514
46	17.946	Pyrene	23.1784	650986	.038	265798
55	20.721	Benzo(a)anthracene	19.8558	530445	.041	214800
56	20.8	Chrysene	20.3564	536642	.038	247442
59	22.997	Benzo(b)fluoranthene	11.7758	268174	.051	109797
60	23.051	Benzo(k)fluoranthene	11.3738	297059	.046	166906
62	23.57	Benzo(a)pyrene	24.6861	626551	.042	233566
70	25.57	Indeno(1,2,3-cd)pyre	23.7878	615892	.048	210732
71	25.68	Dibenzo(a,h)anthrace	23.8652	634424	.044	228360
72	25.951	Benzo(ghi)perylene	25.0153	668376	.044	233541

2-FLUOROBIPHENYL % RECOVERY = 120.6636 %
o-TERPHENYL % RECOVERY = 122.409 %

TOTAL SURROGATE AMOUNT = 49.80666 PPM

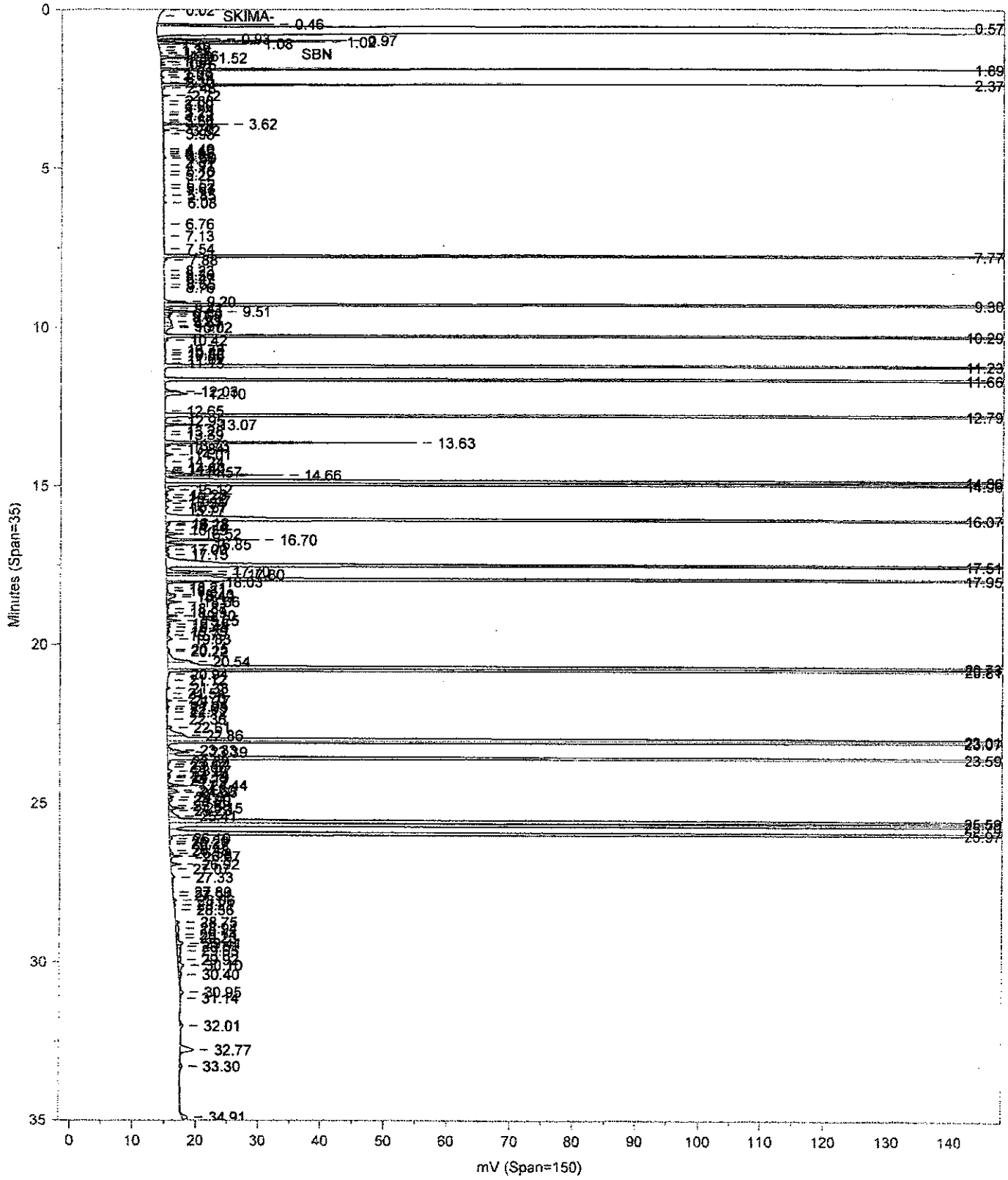
FILES:
Area File: C:\CPWIN\DATA1\P242.16A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:18 PM
File reported on: 9/1/2008 at 1:41:18 PM

ASX04 1401

MA EPH

MAAR50832B AAMAAR5AA ICAL 0824199999

C:\CPWIN\DATA1\P242.17R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 3:52:36 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAR50832B AAMAAR5AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
50	7.769	Naphthalene	49.25684	1307690	.032	653924
58	9.304	2-Methylnaphthalene	48.69093	1212311	.033	576386
66	10.288	2-Fluorobiphenyl	48.77258	1117806	.034	510398
73	11.226	Acenapthylene	48.2875	1160516	.034	527644
74	11.66	Acenaphthene	48.63005	1279016	.035	577368
78	12.791	Fluorene	48.29963	1280302	.036	541556
92	14.858	Phenanthrene	48.91325	1323814	.038	515818
93	14.956	Anthracene	45.33281	1077718	.037	451119
101	16.066	SS o-Terphenyl	47.36903	1318198	.039	506598
110	17.51	Fluoranthene	48.87529	1314196	.039	499420
113	17.953	Pyrene	45.71032	1283814	.039	509395
132	20.729	Benzo(a)anthracene	49.45842	1321276	.045	439813
133	20.813	Chrysene	46.95139	1237745	.04	497035
146	23.008	Benzo(b)fluoranthene	59.90537	1364239	.054	408787
147	23.068	Benzo(k)fluoranthene	48.21055	1259154	.051	505189
150	23.586	Benzo(a)pyrene	48.37419	1227771	.045	425418
167	25.586	Indeno(1,2,3-cd)pyre	48.87299	1265376	.05	390857
168	25.698	Dibenzo(a,h)anthrace	48.86626	1299041	.048	423463
169	25.973	Benzo(ghi)perylene	47.3998	1266459	.048	404856

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.660	26.030	926.177	100.000	24545860.0	68.426

Total slice amount= 926.177
Total slice amount %= 100.0

Total slice area= 24545860.0
Total slice area %= 68.4

- 1117806
23428054
- 5318198
22109856

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.454586E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 627.9085 PPM*

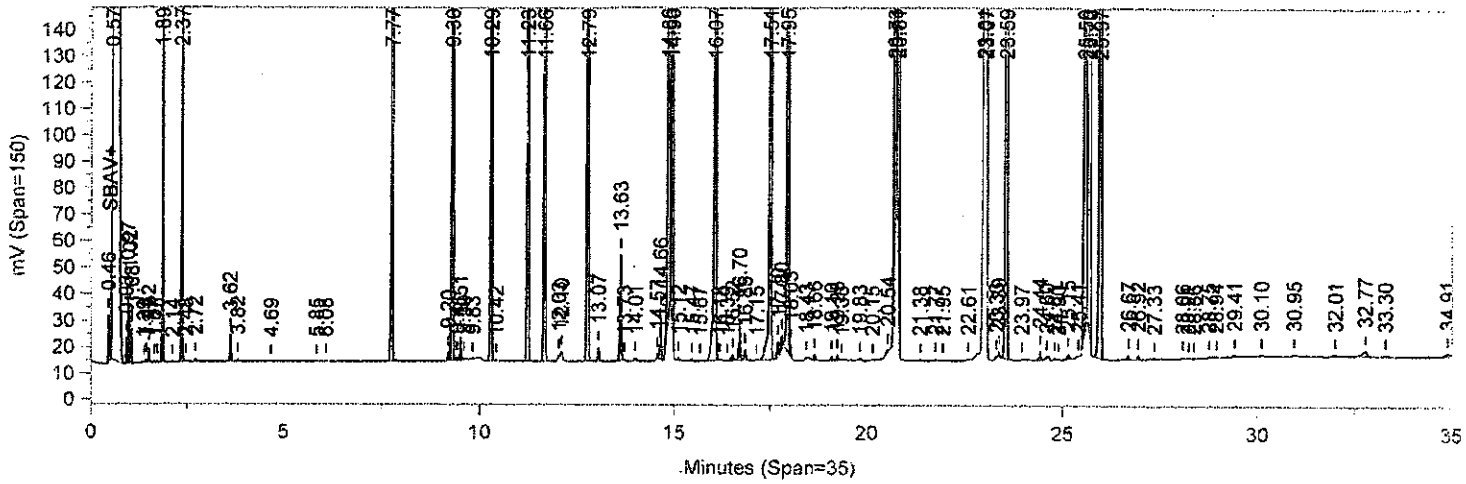
32010.08

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.17A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/1/2008 1:41:30 PM
File reported on: 9/1/2008 at 1:41:29 PM

ASX84 1483

MA EPH
MAAR50832B AAMAAR5AA ICAL 0824199999
——— C:\CPWIN\DATA1\P242.17R



Sample Name:MAAR50832B AAMAAR5AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 3:52:36 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
22	7.769	Naphthalene	49.1955	1306060	.032	653794
24	9.304	2-Methylnaphthalene	48.5754	1209434	.033	576026
29	10.288	2-Fluorobiphenyl	48.6506	1115012	.034	510129
31	11.226	Acenapthylene	48.2023	1158467	.034	527507
32	11.66	Acenaphthene	48.5807	1277718	.035	577285
35	12.791	Fluorene	48.2289	1278428	.036	541434
42	14.858	Phenanthrene	44.5706	1206282	.038	497551
43	14.956	Anthracene	41.8907	995886	.037	439029
47	16.066	SS o-Terphenyl	47.2211	1314080	.039	506299
54	17.51	Fluoranthene	48.5129	1304452	.039	498919
57	17.953	Pyrene	44.1976	1241328	.039	506020
67	20.729	Benzo(a)anthracene	37.9534	1013922	.044	387204
68	20.813	Chrysene	38.8563	1024341	.04	457209
73	23.008	Benzo(b)fluoranthene	18.4075	519648	.052	208383
74	23.068	Benzo(k)fluoranthene	25.0156	653351	.051	355188
77	23.586	Benzo(a)pyrene	48.0038	1218370	.045	424779
85	25.586	Indeno(1,2,3-cd)pyre	45.3927	1175266	.05	376498
86	25.698	Dibenzo(a,h)anthrace	45.7753	1216872	.048	415144
87	25.973	Benzo(ghi)perylene	47.0072	1255969	.048	404269

2-FLUOROBIPHENYL % RECOVERY = 231.8022 %
o-TERPHENYL % RECOVERY = 236.1054 %

TOTAL SURROGATE AMOUNT = 95.87172 PPM

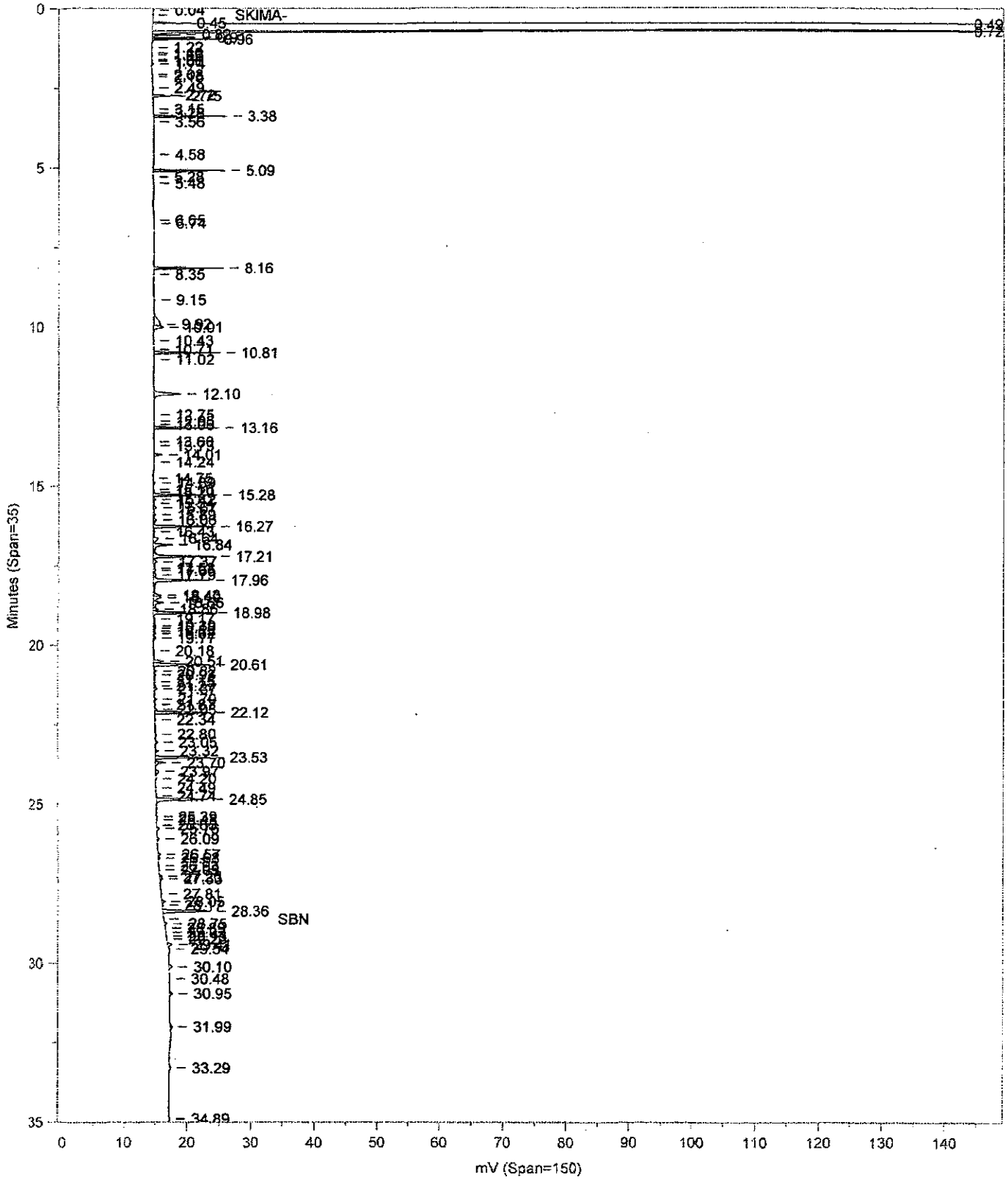
FILES:
Area File: C:\CPWIN\DATA1\P242.17A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:36 PM
File reported on: 9/1/2008 at 1:41:36 PM

ASX0431484

MA EPH

MAAL10832D AAMAAL1AA ICAL 0824199999

C:\CPWIN\DATA1\P242.19R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 6:13:24 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX04 1405

MA EPH

Sample ID: MAAL10832D AAMAAL1AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
21	3.381	C-9	211.9451	24065	.032	11651
24	5.091	C-10	4777.412	23965	.033	11427
29	8.159	C-12	.	24052	.034	11002
36	10.81	C-14	.	24295	.036	10399
42	13.161	C-16	151.8334	24825	.038	10222
51	15.28	C-18	228.6168	26332	.04	10008
57	16.268	C-19	.	27000	.04	9619
61	17.21	C-20	56.8212	29445	.042	9600
66	17.958	1-Chlorooctadecane	39.6387	30850 ✓	.043	8928
71	18.979	C-22	25.1838	27232	.043	9179
80	20.611	C-24	72.838	25632	.046	8691
89	22.123	C-26	81.6955	25683	.045	8622
94	23.531	C-28	76.5328	25393	.047	8437
100	24.848	C-30	464.2128	26787	.049	8098
115	28.355	C-36	.	24324	.052	7402

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.280	16.170	5369.807	86.796	225301.0	1.775
2	16.170	28.460	816.923	13.204	353008.5	2.782

Total slice amount= 6186.730
Total slice amount %= 100.0

Total slice area= 578309.5
Total slice area %= 4.6

- 30850
322158.5

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 225301
Unadjusted Aliphatics AMOUNT (C9- <C19) = 6.529669 PPM

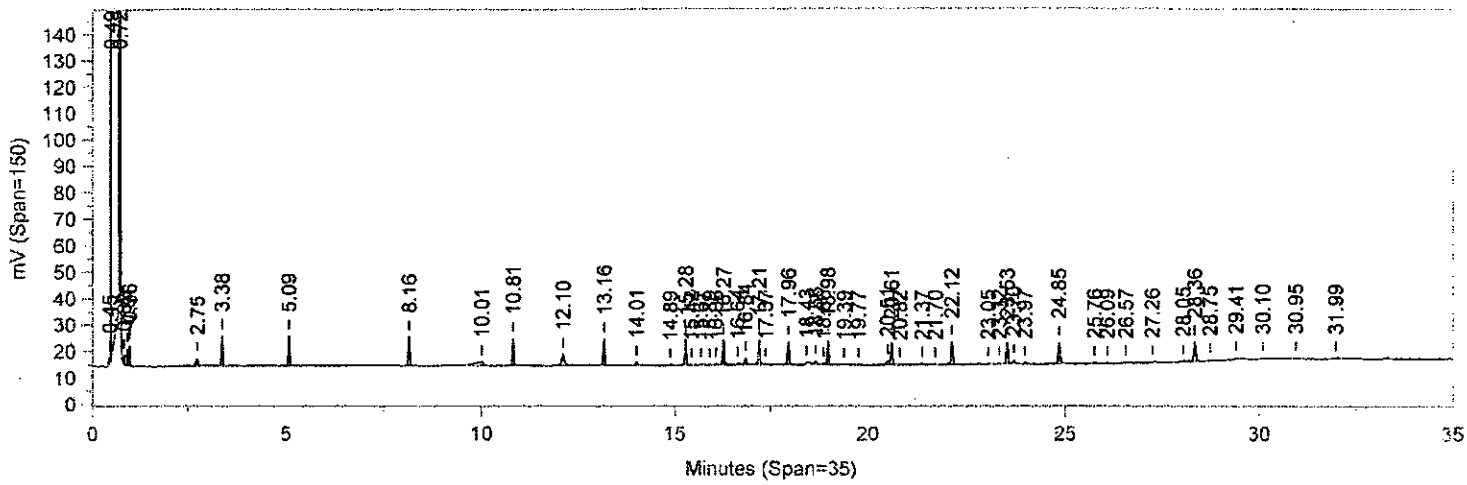
Unadjusted Aliphatics AREA (C19- C36) = 353008.5
Unadjusted Aliphatics AMOUNT (C19- C36) = 10.01736 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.19A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/1/2008 12:59:04 PM
File reported on: 9/1/2008 at 12:59:04 PM

ASX84 1486

MA EPH
MAAL10832D AAMAAL1AA ICAL 0824199999
C:\CPWIN\DATA1\P242.19R



Sample Name:MAAL10832D AAMAAL1AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 6:13:24 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
8	3.381	C-9	4.9431	23876	.032	11628
9	5.091	C-10	4.9948	23965	.033	11427
10	8.159	C-12	4.9957	24031	.034	11001
12	10.81	C-14	4.9143	23878	.036	10364
14	13.161	C-16	4.9052	24471	.038	10181
17	15.28	C-18	4.6871	24785	.04	9824
22	16.268	C-19	4.5028	24315	.04	9403
25	17.21	C-20	4.0775	26125	.042	9325
27	17.958	1-Chlorooctadecane	4.0951	24757	.043	8625
31	18.979	C-22	4.1276	24549	.043	8932
35	20.611	C-24	4.3925	24063	.046	8499
39	22.123	C-26	4.8391	26378	.046	8597
42	23.531	C-28	4.6108	24946	.047	8401
45	24.848	C-30	4.9608	26576	.049	8078
51	28.355	C-36	4.9942	24296	.052	7399

1-CHLOROOCTADECANE % RECOVERY = 19.81957 %

TOTAL SURROGATE AMOUNT = 4.095119 PPM

FILES:
Area File: C:\CPWIN\DATA1\P242.19A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:12 PM
File reported on: 9/1/2008 at 12:59:11 PM

MA EPH

MAAL20832E AAMAAL2AA ICAL 0824199999

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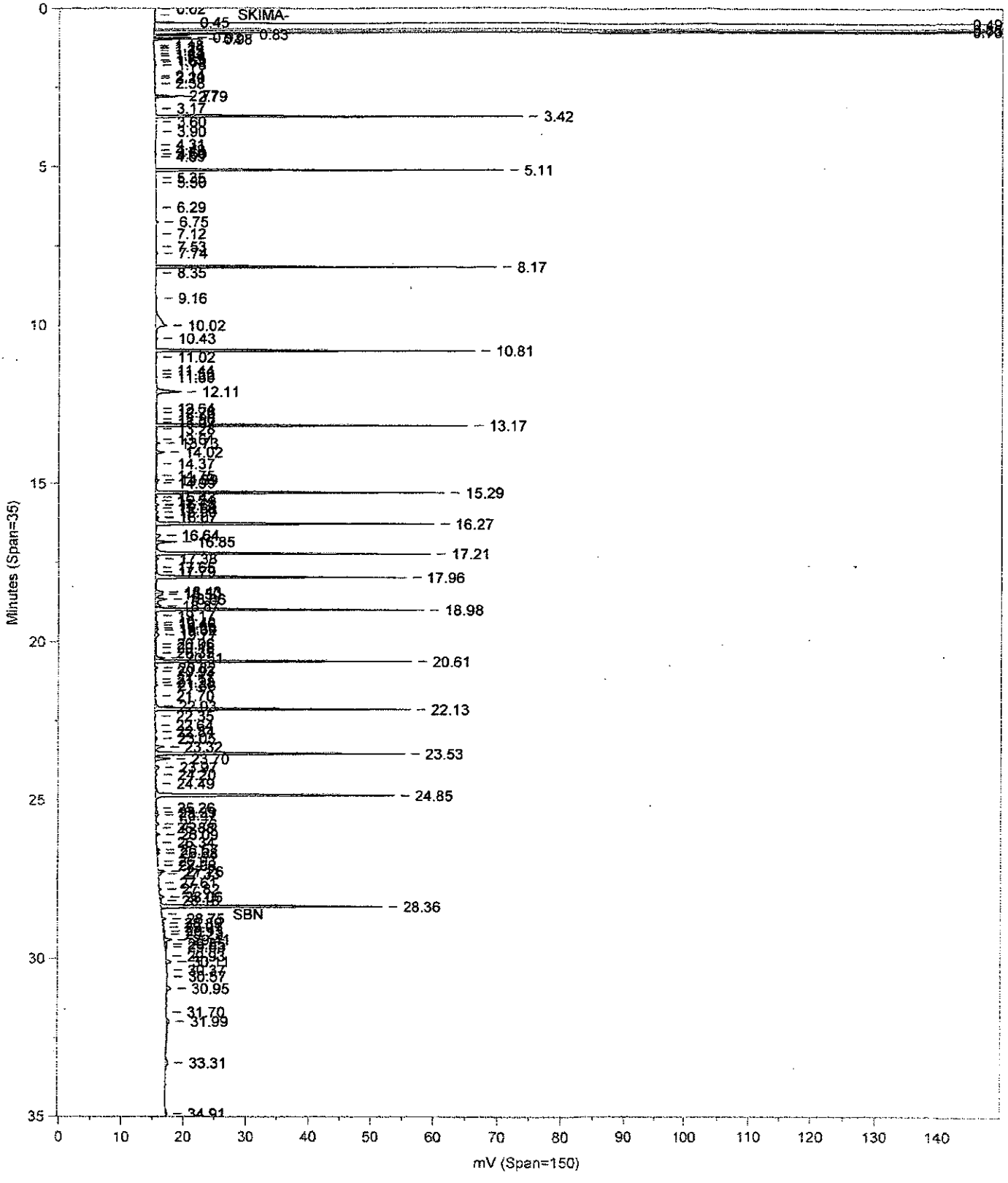


Instrument ID:CP25--H6610A Injected on: 8/31/2008 7:18:56 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAL20832E AAMAAL2AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
23	3.417	C-9	24.3292	117513	.031	58572
30	5.11	C-10	24.5891	117980	.033	55780
38	8.165	C-12	24.5455	118072	.034	54588
43	10.815	C-14	24.315	118145	.036	51261
53	13.165	C-16	23.9771	119619	.038	49951
62	15.285	C-18	22.9301	121255	.04	46534
69	16.272	C-19	22.0724	119190	.041	44610
72	17.214	C-20	19.182	122904	.042	44547
76	17.963	1-Chlorooctadecane	18.7773	113519	.041	40389
81	18.982	C-22	20.4116	121397	.043	43132
92	20.613	C-24	21.5773	118206	.045	41411
100	22.126	C-26	21.9875	119852	.045	41274
106	23.534	C-28	22.2293	120267	.047	40033
111	24.852	C-30	23.4893	125840	.049	38445
129	28.359	C-36	24.3587	118503	.052	35579

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.280	16.170	144.686	42.709	791809.0	4.974
2	16.170	28.460	194.086	57.291	1215980.0	7.638

Total slice amount= 338.772 Total slice area= 2007789.0 - 113519
Total slice amount %= 100.0 Total slice area %= 12.6 1102461

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 791809
Unadjusted Aliphatics AMOUNT (C9- <C19) = 22.94819 PPM

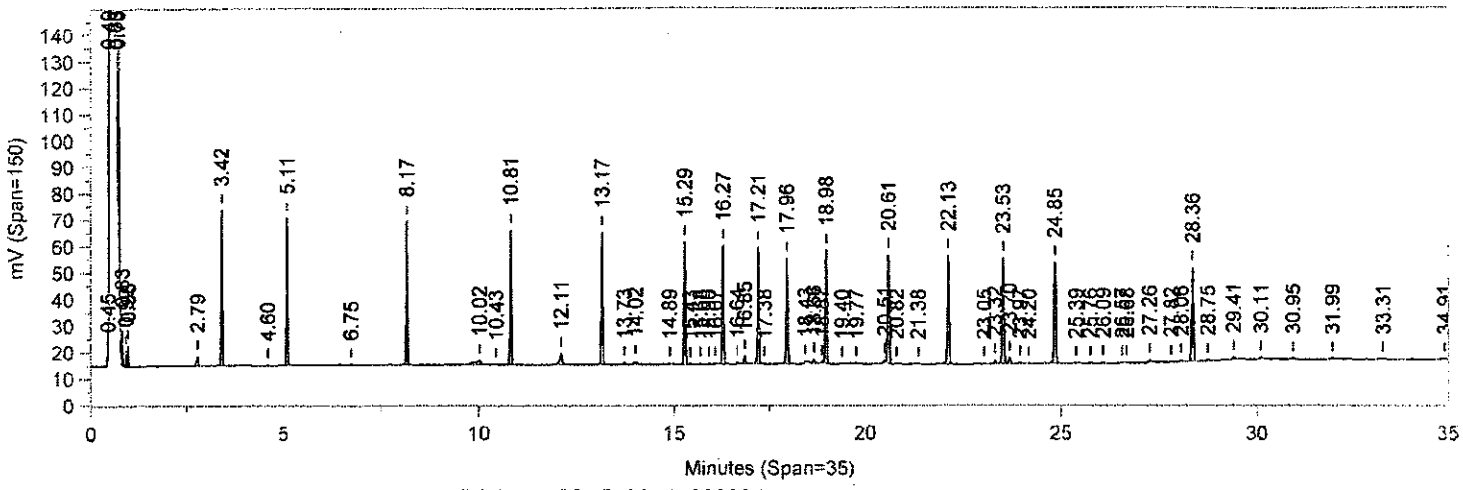
Unadjusted Aliphatics AREA (C19- C36) = 1215980
Unadjusted Aliphatics AMOUNT (C19- C36) = 34.506 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.20A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/1/2008 12:59:22 PM
File reported on: 9/1/2008 at 12:59:21 PM

ASX04 1409

MA EPH
MAAL20832E AAMAAL2AA ICAL 0824199999
C:\CPWIN\DATA1\P242.20R



Sample Name:MAAL20832E AAMAAL2AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 7:18:56 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
9	3.417	C-9	12.335	117513	.031	58572
11	5.11	C-10	12.3964	117980	.033	55780
13	8.165	C-12	12.3853	118072	.034	54588
16	10.815	C-14	12.2789	117690	.036	51235
18	13.165	C-16	12.2106	119155	.038	49902
22	15.285	C-18	11.8969	120613	.04	46491
27	16.272	C-19	11.6391	118341	.041	44550
30	17.214	C-20	10.6432	120517	.042	44389
32	17.963	1-Chlorooctadecane	10.4447	108288	.041	40150
36	18.982	C-22	11.0031	116891	.043	42720
40	20.613	C-24	11.2394	114715	.045	40981
43	22.126	C-26	11.7849	120736	.045	41215
46	23.534	C-28	11.5856	118416	.047	39870
50	24.852	C-30	11.8425	123054	.049	38328
59	28.359	C-36	12.2709	117862	.052	35530

1-CHLOROOCTADECANE % RECOVERY = 50.55008 %

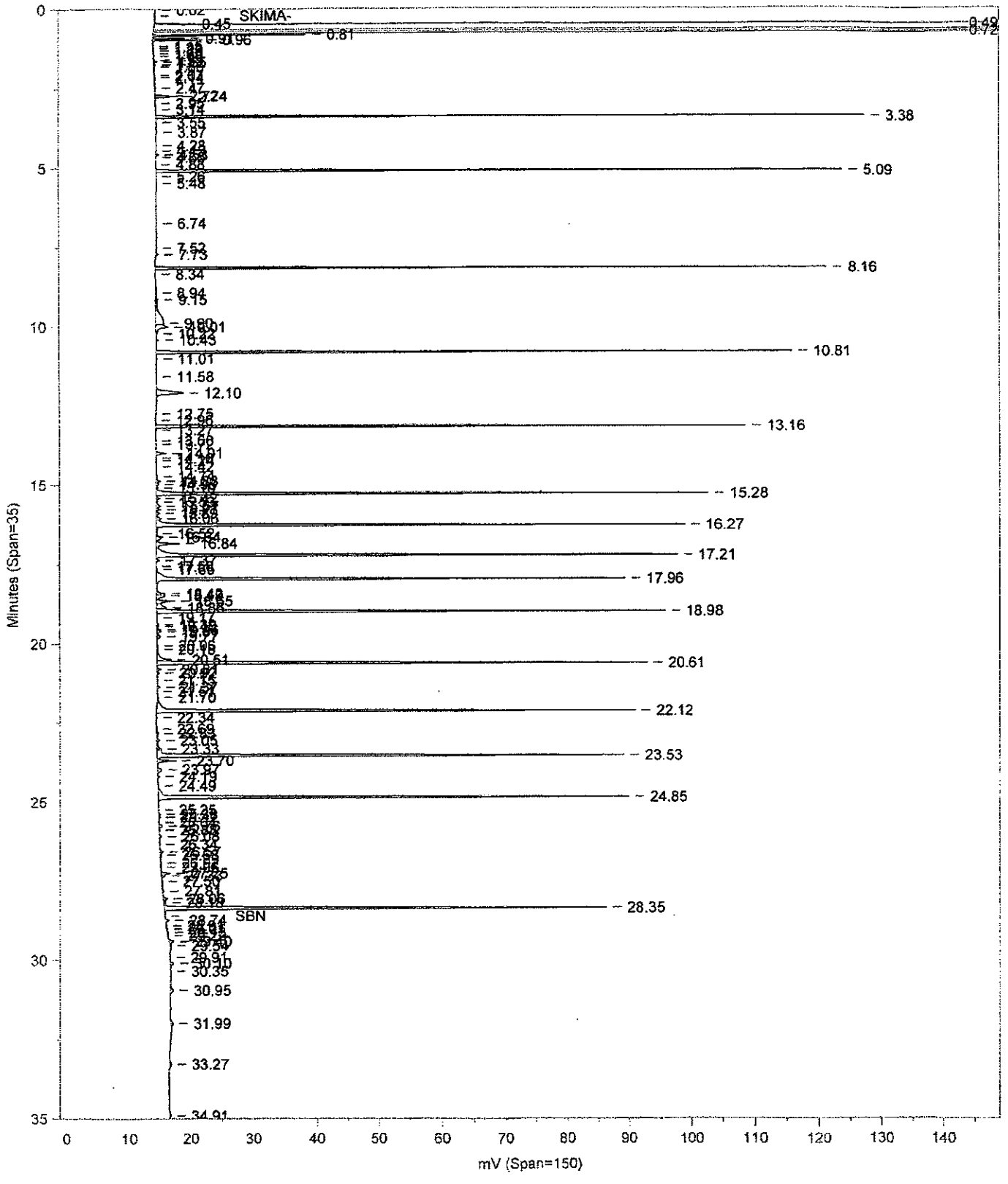
TOTAL SURROGATE AMOUNT = 10.44466 PPM

FILES:
Area File: C:\CPWIN\DATA1\P242.20A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:30 PM
File reported on: 9/1/2008 at 12:59:29 PM

MA EPH

MAAL30832E AAMAAL3AA ICAL 0824199999

C:\CPWIN\DATA1\P242.21R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 8:35:59 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAL30832E AAMAAL3AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
24	3.377	C-9	24.3934	232389	.032	113060
32	5.087	C-10	24.4717	232904	.033	110090
38	8.156	C-12	24.4893	233461	.034	107331
46	10.807	C-14	24.4181	234041	.036	101775
52	13.159	C-16	24.2712	236845	.039	95478
64	15.279	C-18	23.8378	241672	.041	88669
71	16.266	C-19	23.5511	239457	.042	84717
75	17.209	C-20	21.4916	243358	.042	84195
79	17.958	1-Chlorooctadecane	21.2867	220696	.042	75638
84	18.978	C-22	21.8595	232222	.043	81445
94	20.609	C-24	22.3424	228038	.045	78957
101	22.122	C-26	23.5837	241615	.048	76607
107	23.53	C-28	23.2613	237753	.049	75098
112	24.848	C-30	23.1859	240922	.048	75630
131	28.355	C-36	24.1425	231889	.051	70765

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.280	16.170	145.881	41.611	1537501.0	9.816
2	16.170	28.460	204.705	58.389	2271117.0	14.500

220696

Total slice amount= 350.586 Total slice area= 3808618.0
Total slice amount %= 100.0 Total slice area %= 24.3

2050421

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 1537501
Unadjusted Aliphatics AMOUNT (C9- <C19) = 44.55981 PPM

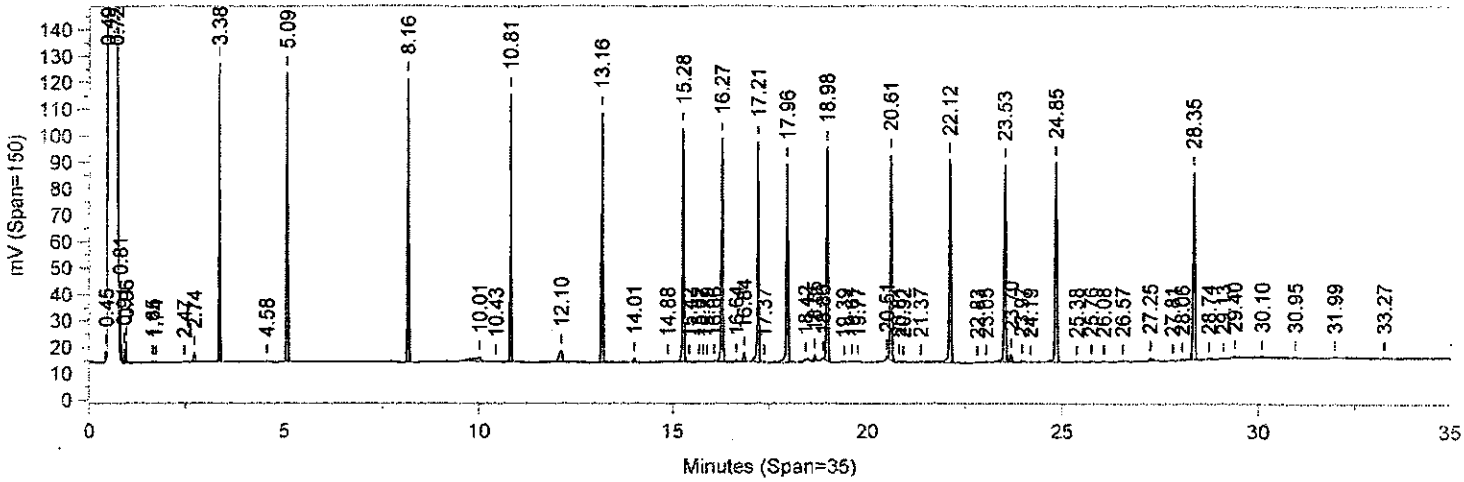
Unadjusted Aliphatics AREA (C19- C36) = 2271117
Unadjusted Aliphatics AMOUNT (C19- C36) = 64.44775 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.21A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/1/2008 12:59:40 PM
File reported on: 9/1/2008 at 12:59:40 PM

ASX04 1412

MA EPH
MAAL30832E AAMAAL3AA ICAL 0824199999
C:\CPWIN\DATA1\P242.21R



Sample Name:MAAL30832E AAMAAL3AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 8:35:59 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
11	3.377	C-9	16.3949	232285	.032	113050
13	5.087	C-10	16.4298	232858	.033	110086
14	8.156	C-12	16.4381	233461	.034	107331
17	10.807	C-14	16.3173	232776	.036	101683
19	13.159	C-16	16.3111	236332	.039	95434
22	15.279	C-18	15.9395	238296	.041	88437
28	16.266	C-19	15.6276	233737	.042	84424
31	17.209	C-20	14.7052	238085	.042	83977
33	17.958	1-Chlorooctadecane	14.8318	217142	.042	75538
37	18.978	C-22	14.8867	223954	.043	80684
42	20.609	C-24	14.9216	220351	.045	78081
46	22.122	C-26	15.8995	239722	.048	76566
49	23.53	C-28	15.8097	236767	.049	74917
53	24.848	C-30	15.6931	238682	.048	75567
61	28.355	C-36	16.0986	229289	.051	70606

1-CHLOROOCTADECANE % RECOVERY = 71.78316 %

TOTAL SURROGATE AMOUNT = 14.83184 PPM

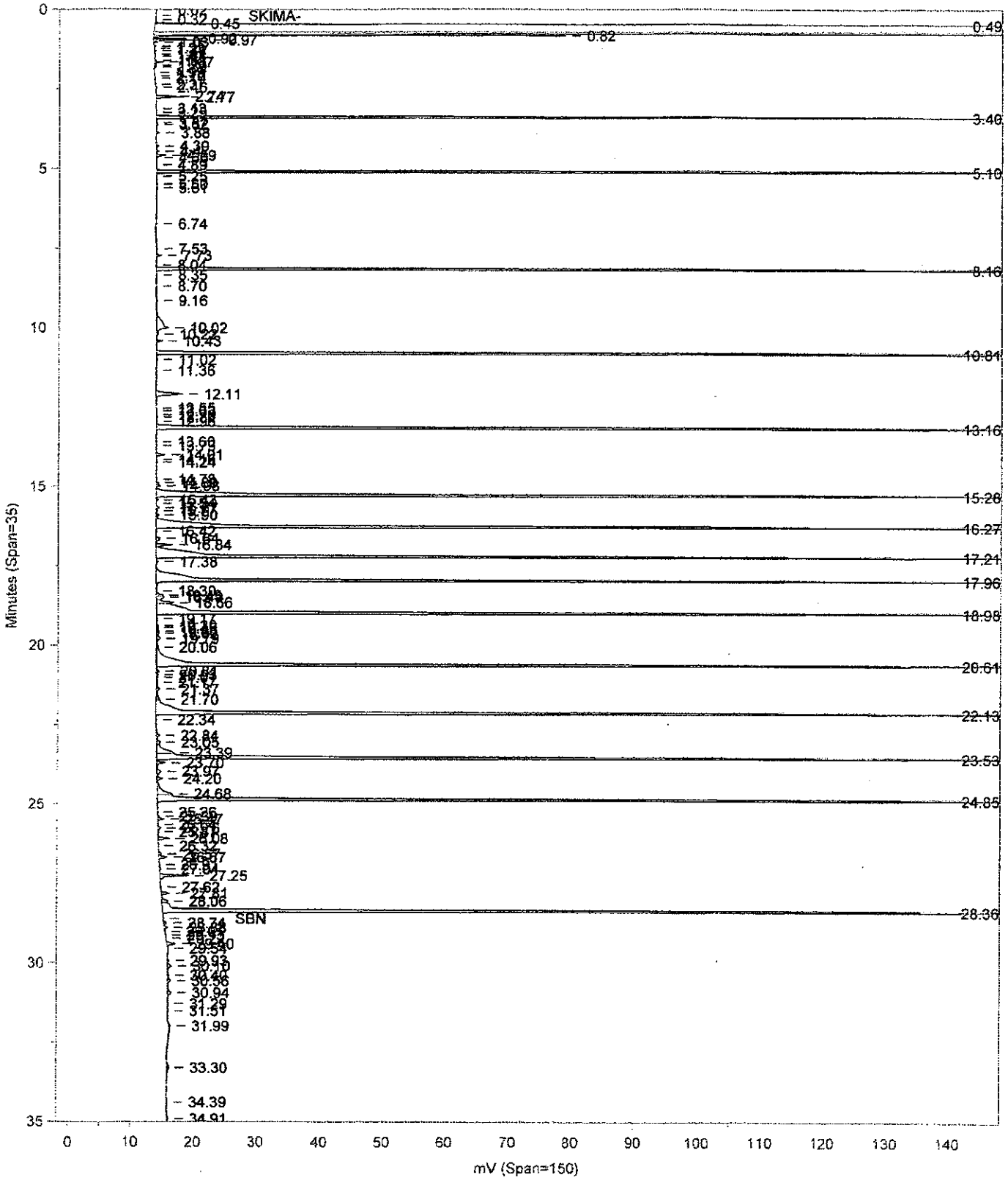
FILES:
Area File: C:\CPWIN\DATA1\P242.21A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:48 PM
File reported on: 9/1/2008 at 12:59:47 PM

ASX04 1413

MA EPH

MAAL40832E AAMAAL4AA ICAL 0824199999

C:\CPWIN\DATA1\P242.22R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 9:41:41 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX84 1414

MA EPH

Sample ID: MAAL40832E AAMAAL4AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
27	3.396	C-9	41.7067	590905	.032	289019
36	5.101	C-10	41.7334	591483	.033	280894
44	8.164	C-12	41.6428	591430	.035	269226
51	10.814	C-14	41.4354	591099	.038	247338
60	13.164	C-16	41.2062	597037	.04	229004
69	15.285	C-18	40.2749	602110	.042	204983
75	16.272	C-19	40.0705	599322	.042	200241
79	17.214	C-20	37.132	601186	.043	194831
81	17.962	1-Chlorooctadecane	36.9435	540863 ✓	.042	179485
86	18.983	C-22	39.8942	600167	.043	194648
94	20.613	C-24	40.3538	595917	.045	189454
101	22.126	C-26	39.8961	601525	.047	184572
106	23.534	C-28	38.4115	575252	.048	183368
111	24.85	C-30	38.3797	583729	.049	177929
128	28.357	C-36	41.3438	588850	.052	171040

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.280	16.170	247.999	41.304	3651059.0	15.986
2	16.170	28.460	352.425	58.696	5459335.0	23.903

Total slice amount= 600.424
Total slice amount %= 100.0

Total slice area= 9110394.0
Total slice area %= 39.9

− 540863
4918472

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3651059
Unadjusted Aliphatics AMOUNT (C9- <C19) = 105.8149 PPM

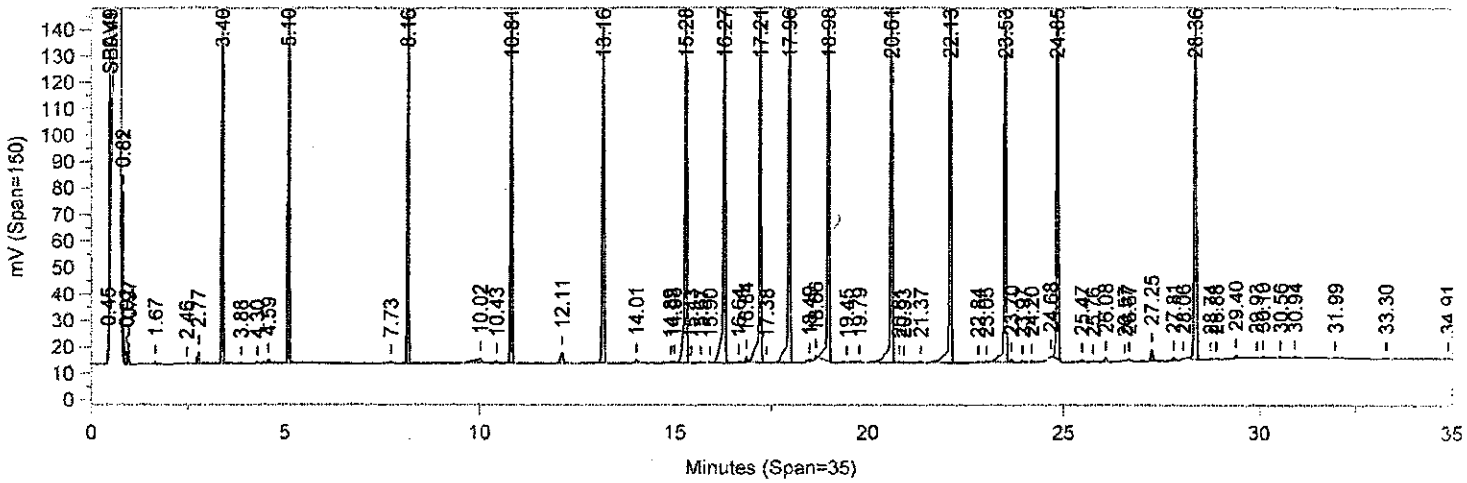
Unadjusted Aliphatics AREA (C19- C36) = 5459335
Unadjusted Aliphatics AMOUNT (C19- C36) = 154.9202 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.22A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/1/2008 12:59:58 PM
File reported on: 9/1/2008 at 12:59:57 PM

ASX84 1415

MA EPH
MAAL40832E AAMAAL4AA ICAL 0824199999
C:\CPWIN\DATA1\P242.22R



Sample Name:MAAL40832E AAMAAL4AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 9:41:41 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
9	3.396	C-9	31.2296	590035	.032	288955
13	5.101	C-10	31.2889	591483	.033	280894
15	8.164	C-12	31.2321	591345	.035	269220
18	10.814	C-14	31.0636	590034	.038	247275
20	13.164	C-16	30.9877	596916	.04	228998
24	15.285	C-18	30.4002	600918	.042	204936
28	16.272	C-19	30.2248	596977	.042	200166
31	17.214	C-20	28.3542	595438	.043	194712
33	17.962	1-Chlorooctadecane	28.5766	538059	.042	179421
36	18.983	C-22	29.0683	576868	.043	194167
39	20.613	C-24	30.4398	594629	.045	189434
43	22.126	C-26	30.1829	600323	.047	184529
46	23.534	C-28	30.38	589213	.048	183184
51	24.85	C-30	28.2885	562352	.049	176752
60	28.357	C-36	30.5337	578722	.052	170741

1-CHLOROOCTADECANE % RECOVERY = 138.3052 %

TOTAL SURROGATE AMOUNT = 28.57662 PPM

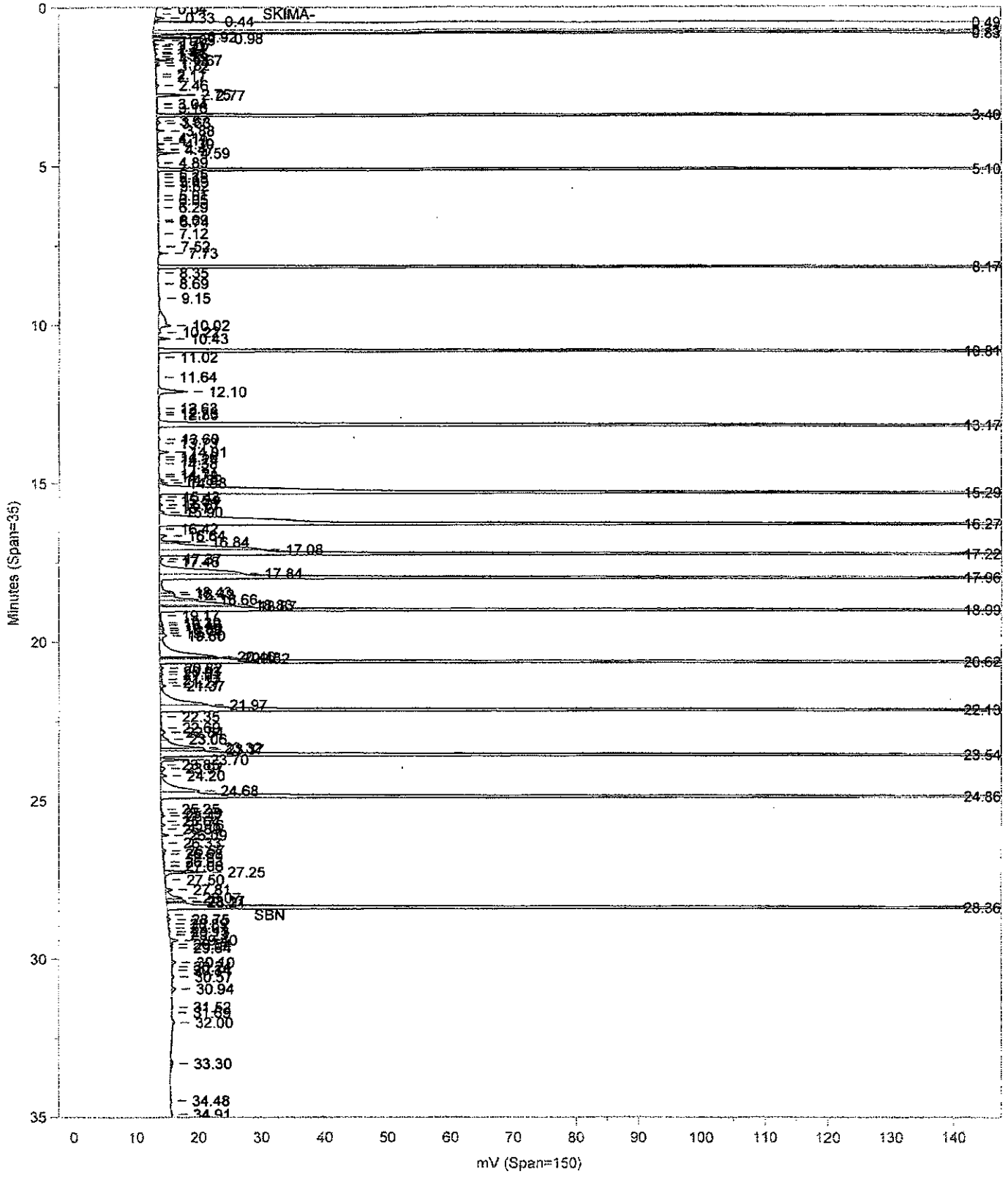
FILES:
Area File: C:\CPWIN\DATA1\P242.22A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 1:00:04 PM
File reported on: 9/1/2008 at 1:00:04 PM

ASX84 1416

MA EPH

MAAL50832C AAMAAL5AA ICAL 0824199999

C:\CPWIN\DATA1\P242.23R



Instrument ID:CP25--H6610A Injected on: 8/31/2008 10:55:03 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAL50832C AAMAAL5AA ICAL 0824199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
27	3.403	C-9	64.5021	1218666	.033	589897
37	5.105	C-10	64.705	1223179	.033	581449
50	8.166	C-12	64.6409	1223902	.036	533503
57	10.814	C-14	64.8993	1232721	.04	482488
64	13.166	C-16	65.0497	1253051	.042	431097
75	15.287	C-18	63.8618	1262350	.042	396188
81	16.274	C-19	63.5044	1254291	.043	374837
86	17.216	C-20	53.7248	1128222	.043	378258
90	17.964	1-Chlorooctadecane	53.5678	1008609	.043	343931
96	18.986	C-22	56.2437	1116173	.044	383465
107	20.618	C-24	56.5227	1104149	.046	361493
115	22.13	C-26	58.3301	1160156	.047	368641
122	23.538	C-28	59.5757	1155455	.047	366748
128	24.856	C-30	59.0396	1173657	.05	354859
147	28.365	C-36	62.6088	1186660	.052	350647

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.280	16.170	387.659	42.564	7547136.0	21.361
2	16.170	28.460	523.117	57.436	11261460.0	31.873

Total slice amount= 910.776
Total slice amount %= 100.0

Total slice area= 18808590.0
Total slice area %= 53.2

1668609
10252851

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 7547136
Unadjusted Aliphatics AMOUNT (C9- <C19) = 218.7309 PPM

Unadjusted Aliphatics AREA (C19- C36) = 1.126146E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 319.5677 PPM*

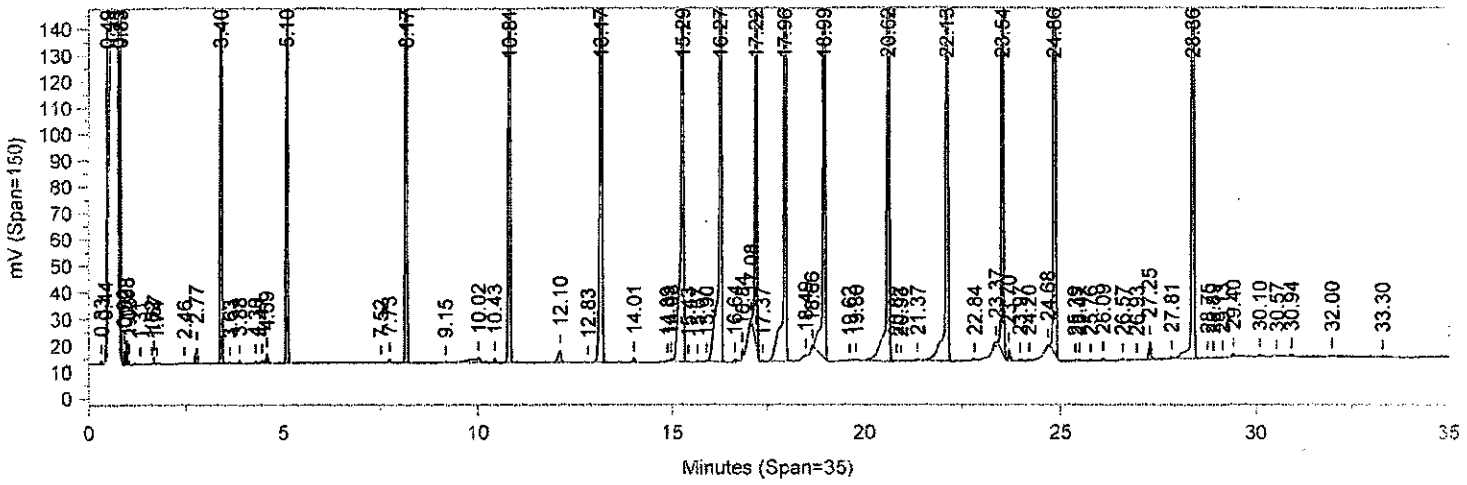
* Needs to have surr. amt. (from replot) subtracted!

27734.68
31593.98

FILES:
Area File: C:\CPWIN\DATA1\P242.23A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/1/2008 1:00:14 PM
File reported on: 9/1/2008 at 1:00:14 PM

ASX84 1418

MA EPH
MAAL50832C AAMAAL5AA ICAL 0824199999
C:\CPWIN\DATA1\P242.23R



Sample Name:MAAL50832C AAMAAL5AA ICAL 0824199999A

Instrument ID:CP25--H6610A Injected on: 8/31/2008 10:55:03 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
15	3.403	C-9	51.222	1217203	.033	589773
21	5.105	C-10	51.3384	1221593	.033	581331
24	8.166	C-12	51.357	1223812	.036	533499
28	10.814	C-14	51.4987	1232120	.04	482452
31	13.166	C-16	51.5222	1250712	.042	430995
35	15.287	C-18	50.5771	1255136	.042	395983
39	16.274	C-19	50.2813	1245389	.043	374643
43	17.216	C-20	41.3107	1032549	.043	372615
45	17.964	1-Chlorooctadecane	49.4042	1123145	.043	343561
48	18.986	C-22	47.8095	1157599	.044	382122
51	20.618	C-24	51.4971	1215295	.046	361358
55	22.13	C-26	50.6638	1226861	.047	368535
58	23.538	C-28	46.569	1111513	.047	363839
63	24.856	C-30	45.9059	1128082	.05	352207
72	28.365	C-36	51.3255	1216427	.052	350542

1-CHLOROOCTADECANE % RECOVERY = 239.1064 %

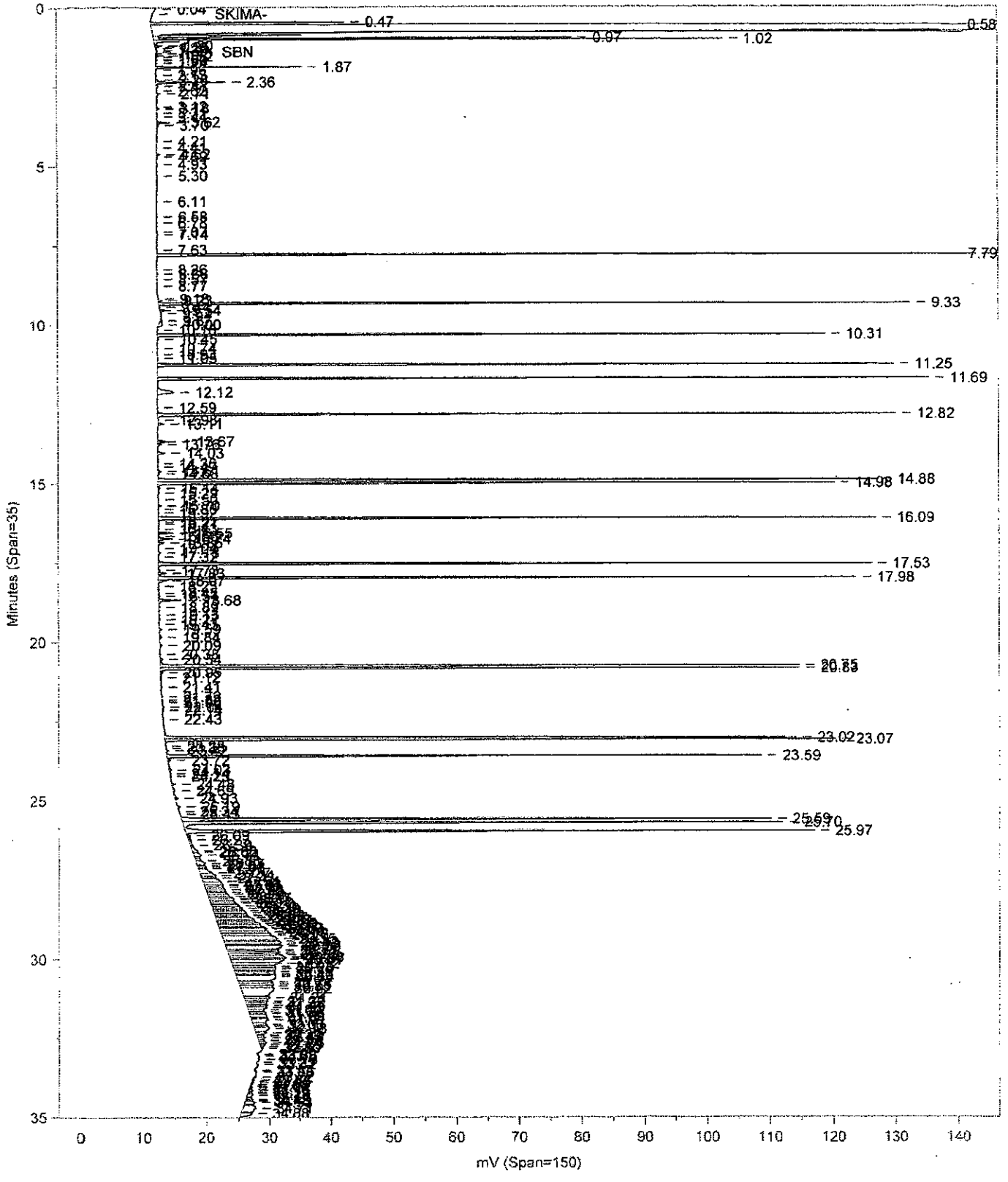
TOTAL SURROGATE AMOUNT = 49.40417 PPM

FILES:
Area File: C:\CPWIN\DATA1\P242.23A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 1:00:22 PM
File reported on: 9/1/2008 at 1:00:21 PM

MA EPH

MAAR30832D CFMAAR3CF CCAL 0825199999

C:\CPWIN\DATA1\P252.13R



Instrument ID:CP25--H6610A Injected on: 9/9/2008 8:05:55 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

ASX84 1428

MA EPH

Sample ID: MAAR30832D CFMAAR3CF CCAL 0825199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
42	7.791	Naphthalene	9.70101	257546	.031	132114
49	9.329	2-Methylnaphthalene	9.72545	242145	.032	120639
56	10.314	2-Fluorobiphenyl	9.81256	224892	.033	108231
61	11.255	Acenapthylene	10.063	241849	.032	117743
62	11.687	Acenaphthene	9.86853	259552	.033	124485
65	12.817	Fluorene	9.73877	258150	.034	117801
75	14.884	Phenanthrene	9.6676	261649	.036	114729
76	14.982	Anthracene	10.20207	242539	.035	108315
83	16.09	SS o-Terphenyl	9.52634	265101	.036	114697
94	17.533	Fluoranthene	9.76705	262624	.036	113853
97	17.975	Pyrene	9.36055	262899	.037	112715
112	20.746	Benzo(a)anthracene	9.85884	263378	.04	102321
113	20.826	Chrysene	10.00836	263843	.041	102516
123	23.022	Benzo(b)fluoranthene	9.77584	275974	.046	100734
124	23.071	Benzo(k)fluoranthene	9.95326	259957	.046	107156
128	23.593	Benzo(a)pyrene	9.85212	250054	.041	95297
139	25.589	Indeno(1,2,3-cd)pyre	9.79844	253693	.042	94100
140	25.697	Dibenzo(a,h)anthrace	9.97406	265146	.043	96718
141	25.967	Benzo(ghi)perylene	9.98837	266876	.041	100230

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	186.642	100.000	5009033.0	28.469

Total slice amount= 186.642 Total slice area= 5009033.0
Total slice amount %= 100.0 Total slice area %= 28.5

********** RESULTS TABLE **********

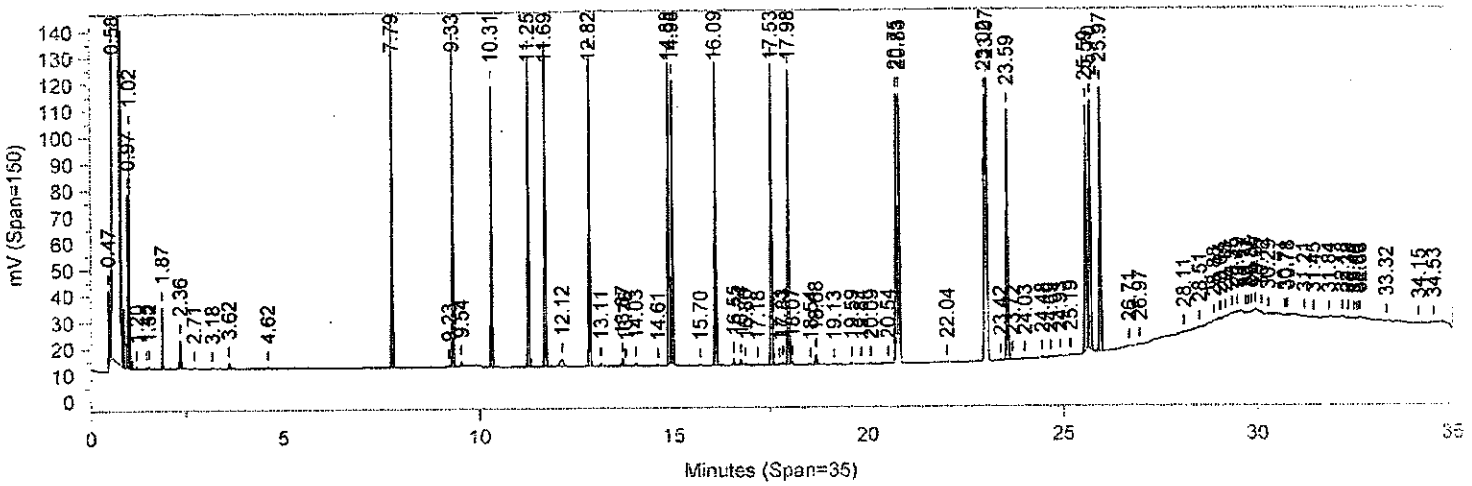
Unadjusted Aromatics AREA (C11- C22) = 5009033
Unadjusted Aromatics AMOUNT (C11- C22) = 172.5767 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P252.13A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/11/2008 10:20:42 AM
File reported on: 9/11/2008 at 10:20:42 AM

6SXB4 1421

MA EPH
MAAR30832D CFMAAR3CF CCAL 0825199999
C:\CPWIN\DATA1\P252.13R



Sample Name:MAAR30832D CFMAAR3CF CCAL 0825199999A

Instrument ID:CP25--H6610A
Injected on: 9/9/2008 8:05:55 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
14	7.791	Naphthalene	9.7003	257528	.031	132112
16	9.329	2-Methylnaphthalene	9.7195	241997	.032	120624
18	10.314	2-Fluorobiphenyl	9.7947	224482	.033	108196
19	11.255	Acenapthylene	10.0572	241709	.032	117739
20	11.687	Acenaphthene	9.8439	258904	.033	124459
22	12.817	Fluorene	9.7003	257131	.034	117730
28	14.884	Phenanthrene	9.4576	255965	.036	113870
29	14.982	Anthracene	9.914	235690	.035	107340
31	16.09	SS o-Terphenyl	9.5097	264638	.036	114651
36	17.533	Fluoranthene	9.7415	261937	.036	113800
39	17.975	Pyrene	9.289	260889	.037	112459
48	20.746	Benzo(a)anthracene	8.2849	221329	.04	94075
49	20.826	Chrysene	8.4241	222077	.041	94912
51	23.022	Benzo(b)fluoranthene	3.9935	112738	.044	51360
52	23.071	Benzo(k)fluoranthene	4.1692	108890	.045	64391
54	23.593	Benzo(a)pyrene	9.8249	249363	.041	95224
61	25.589	Indeno(1,2,3-cd)pyre	9.4169	243814	.042	92633
62	25.697	Dibenzo(a,h)anthrace	9.4317	250729	.042	95084
63	25.967	Benzo(ghi)perylene	9.8455	263059	.041	99932

2-FLUOROBIPHENYL % RECOVERY = 46.6681 %
o-TERPHENYL % RECOVERY = 47.54838 %

TOTAL SURROGATE AMOUNT = 19.30438 PPM

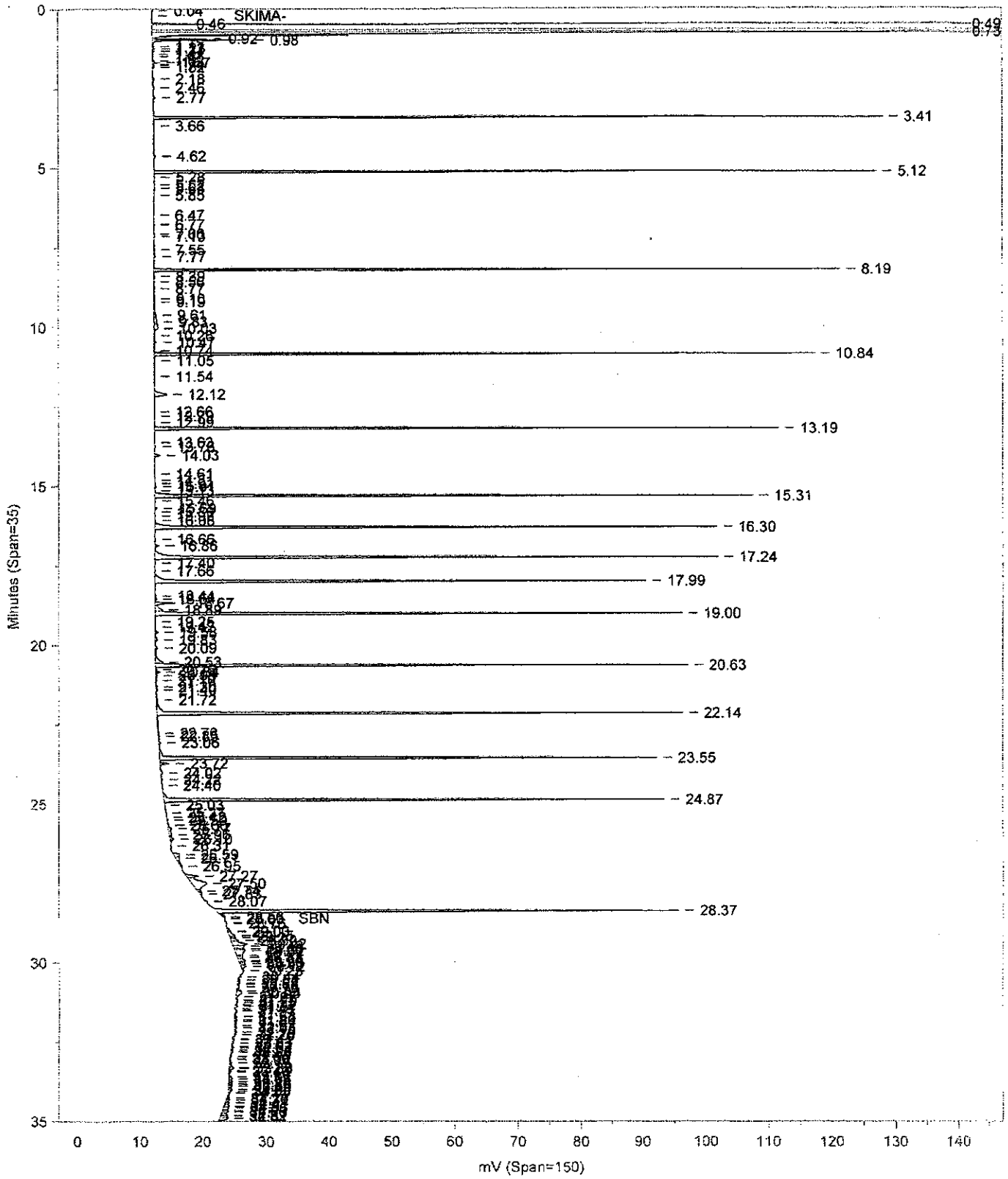
FILES:
Area File: C:\CPWIN\DATA1\P252.13A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/11/2008 10:20:48 AM
File reported on: 9/11/2008 at 10:20:48 AM

ASX84 1422

MA EPH

MAAL30832E HBMAAL3HB CCAL 0825199999

C:\CPWIN\DATA1\P252.14R



Instrument ID:CP25--H6610A Injected on: 9/9/2008 9:28:42 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

aSX04 1423

MA EPH

Sample ID: MAAL30832E HBMAAL3HB CCAL 0825199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
19	3.408	C-9	10.0939	239865	.032	116952
22	5.118	C-10	10.1168	240729	.033	115138
33	8.194	C-12	10.1112	240944	.035	109252
45	10.844	C-14	10.0744	241032	.036	105205
52	13.193	C-16	10.0218	243282	.038	99939
61	15.31	C-18	9.9684	247379	.039	95316
67	16.297	C-19	9.8588	244188	.041	90084
70	17.237	C-20	9.8525	246261	.041	90027
73	17.986	1-Chlorooctadecane	9.4935	215823	.042	79083
78	19.003	C-22	9.9196	240181	.044	84284
85	20.633	C-24	10.0741	237742	.043	84637
93	22.143	C-26	10.2764	248851	.045	83731
97	23.551	C-28	10.3136	246166	.048	79130
102	24.866	C-30	10.1029	248267	.048	79622
120	28.372	C-36	10.2682	243358	.051	73631

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	60.387	40.112	1502173.0	9.432
2	16.200	28.470	90.160	59.888	2299256.0	14.436

Total slice amount= 150.546 Total slice area= 3801429.0
Total slice amount %= 100.0 Total slice area %= 23.9

********** RESULTS TABLE **********

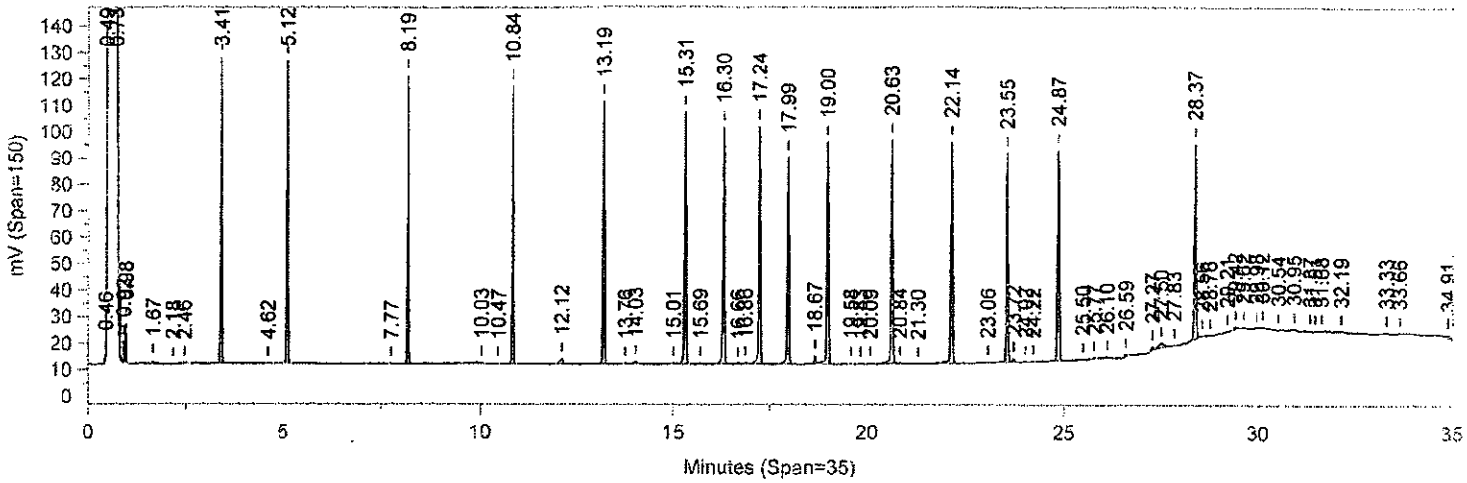
Unadjusted Aliphatics AREA (C9- <C19) = 1502173
Unadjusted Aliphatics AMOUNT (C9- <C19) = 54.16227 PPM

Unadjusted Aliphatics AREA (C19- C36) = 2299256
Unadjusted Aliphatics AMOUNT (C19- C36) = 80.20971 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P252.14A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/11/2008 10:21:00 AM
File reported on: 9/11/2008 at 10:20:59 AM

MA EPH
MAAL30832E HBMAAL3HB CCAL 0825199999
C:\CPWIN\DATA1\P252.14R



Sample Name:MAAL30832E HBMAAL3HB CCAL 0825199999A

Instrument ID:CP25--H6610A Injected on: 9/9/2008 9:28:42 AM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
9	3.408	C-9	10.0867	239693	.032	116942
11	5.118	C-10	10.1168	240729	.033	115138
13	8.194	C-12	10.1059	240819	.035	109244
16	10.844	C-14	10.0383	240169	.036	105146
18	13.193	C-16	10.0218	243282	.038	99939
22	15.31	C-18	9.9502	246927	.039	95287
24	16.297	C-19	9.8254	243359	.041	90045
27	17.237	C-20	9.7926	244763	.041	89965
28	17.986	1-Chlorooctadecane	9.4592	215044	.042	79055
30	19.003	C-22	10.0818	244109	.044	84153
34	20.633	C-24	10.3329	243849	.043	84583
37	22.143	C-26	10.1863	246669	.045	83691
39	23.551	C-28	10.2324	244228	.048	79092
43	24.866	C-30	10.0165	246144	.048	79559
51	28.372	C-36	10.1607	240811	.051	73442

1-CHLOROOCTADECANE % RECOVERY = 45.78075 %

TOTAL SURROGATE AMOUNT = 9.45922 PPM

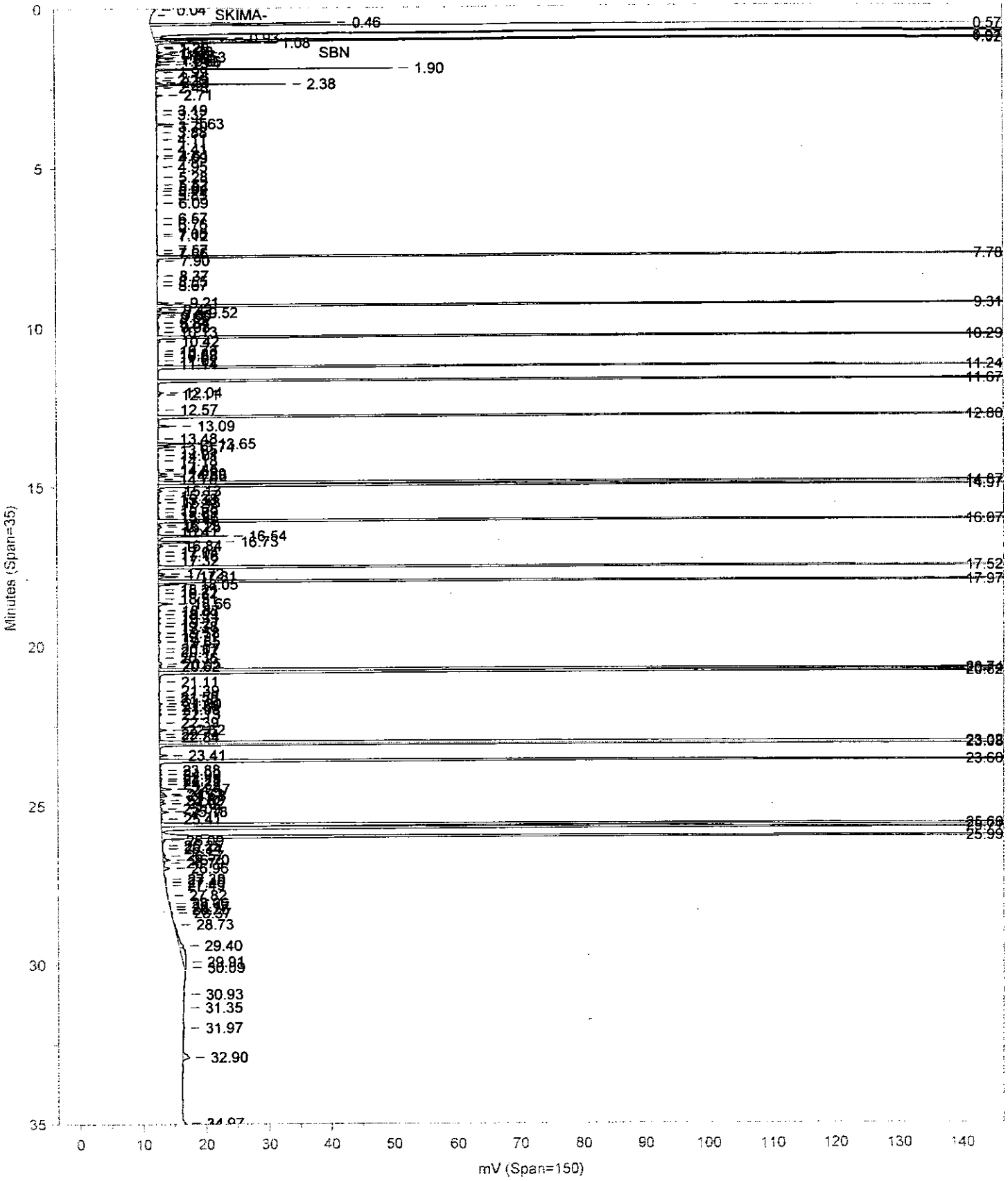
FILES:
Area File: C:\CPWIN\DATA1\P252.14A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/11/2008 10:21:06 AM
File reported on: 9/11/2008 at 10:21:04 AM

ASX04 1425

MA EPH

MAAR40832D ZIMAAR4ZI CCAL 0826099999

C:\CPWIN\DATA1\P262.25R



ASX84 1426

Instrument ID:CP25--H6610A

Injected on: 9/19/2008 5:54:58 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

MA EPH

Sample ID: MAAR40832D ZIMAAR4ZI CCAL 0826099999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
48	7.778	Naphthalene	25.56658	678752	.031	344947
54	9.313	2-Methylnaphthalene	25.59297	637216	.032	313631
62	10.295	2-Fluorobiphenyl	25.60994	586948	.033	280471
69	11.237	Acenapthylene	26.18308	629270	.033	304660
70	11.669	Acenaphthene	26.00241	683888	.033	324619
74	12.801	Fluorene	25.60302	678672	.034	313592
87	14.87	Phenanthrene	25.40554	687589	.037	294199
88	14.97	Anthracene	25.34735	602594	.034	274813
97	16.072	SS o-Terphenyl	24.5281	682574	.037	285068
107	17.524	Fluoranthene	25.79996	693729	.035	301433
110	17.967	Pyrene	24.64231	692101	.037	291729
129	20.743	Benzo(a)anthracene	25.5835	683460	.042	254801
130	20.823	Chrysene	26.18827	690383	.04	274609
143	23.025	Benzo(b)fluoranthene	26.48834	747771	.054	229283
144	23.077	Benzo(k)fluoranthene	25.19092	657931	.044	287949
146	23.598	Benzo(a)pyrene	25.90914	657592	.042	248448
160	25.6	Indeno(1,2,3-cd)pyre	25.8763	669966	.046	227548
161	25.705	Dibenzo(a,h)anthrace	25.92944	689298	.042	254037
162	25.986	Benzo(ghi)perylene	26.24939	701348	.045	246399

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	487.697	100.000	12969680.0	53.151

Total slice amount= 487.697 Total slice area= 12969680.0
Total slice amount %= 100.0 Total slice area %= 53.2

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.296968E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 446.8457 PPM* − 20.64 = $\frac{426.21}{425} \times 100 = 100.28\%$

* Needs to have surr. amt. (from replot) subtracted!

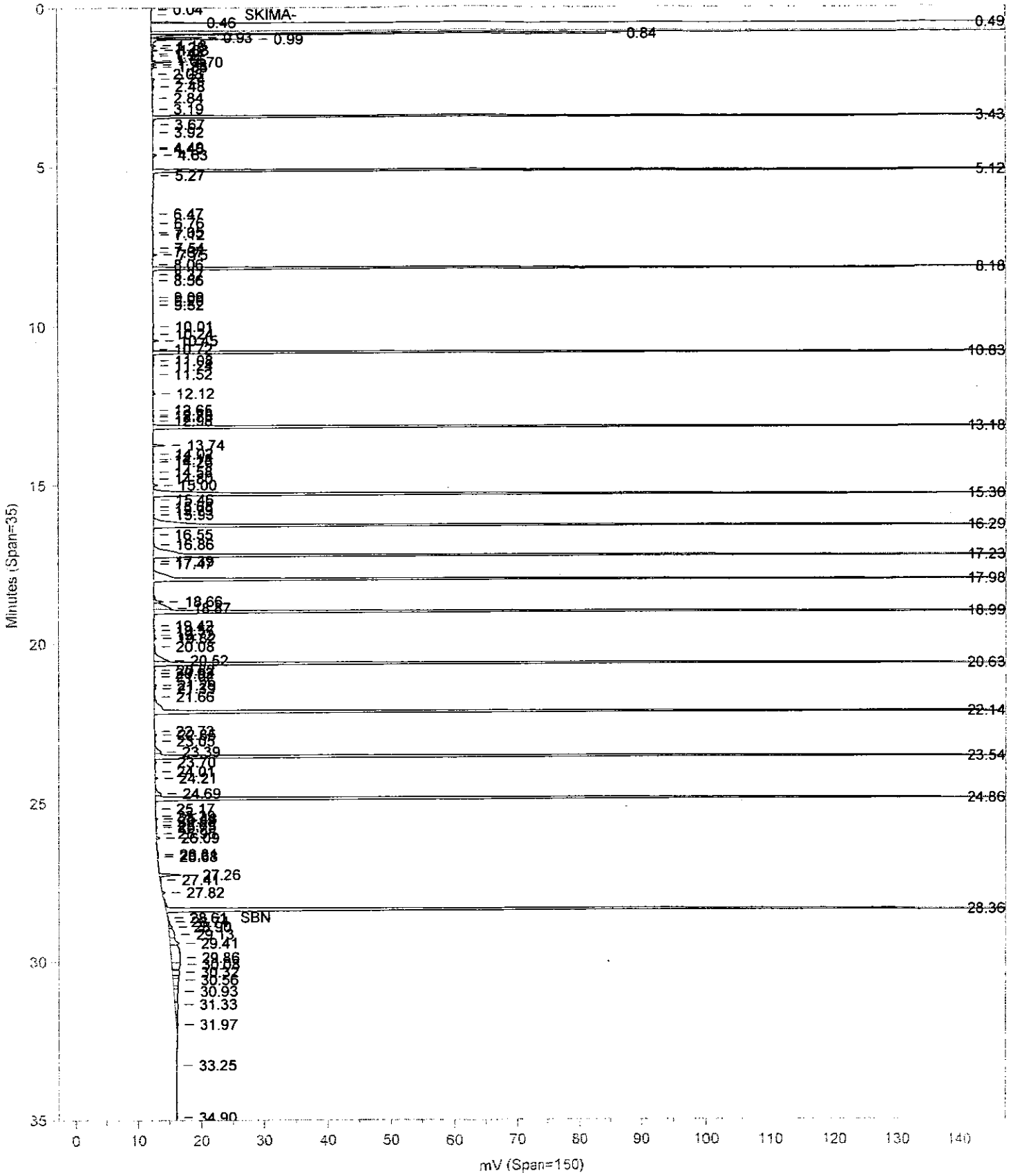
FILES:
Area File: C:\CPWIN\DATA1\P262.25A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 6:30:02 AM
File reported on: 9/19/2008 at 6:30:02 AM

ASX84 1427

MA EPH

MAAL40832E CFMAAL4CF CCAL 0826099999

C:\CPWIN\DATA1\P262.26R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 6:45:21 AM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

MA EPH

Sample ID: MAAL40832E CFMAAL4CF CCAL 0826099999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
21	3.429	C-9	25.1895	598584	.032	290492
27	5.122	C-10	25.261	601083	.033	283723
37	8.178	C-12	25.2209	601002	.035	267487
47	10.83	C-14	25.0186	598577	.038	251520
56	13.181	C-16	25.0251	607489	.039	239930
64	15.3	C-18	24.9394	618903	.04	227097
69	16.285	C-19	24.7186	612241	.041	217712
72	17.227	C-20	24.6063	615027	.042	213713
75	17.977	1-Chlorooctadecane	22.6022	513835	.041	187189
78	18.995	C-22	24.5115	593491	.044	208424
85	20.626	C-24	24.9707	589292	.045	204411
92	22.137	C-26	25.482	617065	.045	206531
97	23.544	C-28	25.3513	605087	.048	196680
102	24.859	C-30	24.6602	605995	.05	192407
116	28.364	C-36	25.3398	600558	.053	178464

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	150.654	40.401	3654774.0	15.710
2	16.200	28.470	222.243	59.599	5457992.0	23.462

Total slice amount= 372.897
Total slice amount %= 100.0

Total slice area= 9112765.0
Total slice area %= 39.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3654774
Unadjusted Aliphatics AMOUNT (C9- <C19) = 131.7763 PPM/150 × 100 = 87.85%

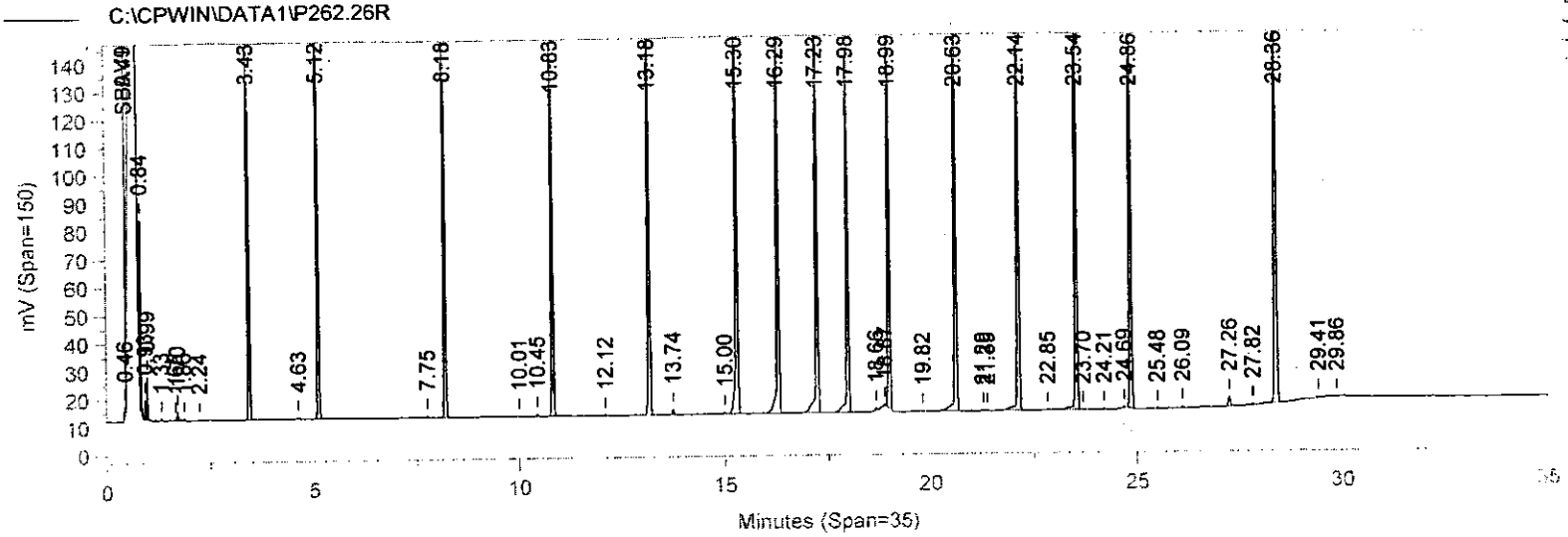
Unadjusted Aliphatics AREA (C19- C36) = 5457992
Unadjusted Aliphatics AMOUNT (C19- C36) = 190.4025 PPM* − 22.60 = $\frac{167.80}{200}$ × 100 = 83.90%

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.26A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 7:20:24 AM
File reported on: 9/19/2008 at 7:20:24 AM

ASX84 1429

MA EPH
MAAL40832E CFMAAL4CF CCAL 0826099999
C:\CPWIN\DATA1\P262.26R



Sample Name:MAAL40832E CFMAAL4CF CCAL 0826099999A

Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Analyst: 375

Injected on: 9/19/2008 6:45:21 AM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
11	3.429	C-9	25.1552	597770	.032	290470
13	5.122	C-10	25.2339	600439	.033	283680
15	8.178	C-12	25.2113	600771	.035	267476
18	10.83	C-14	24.9861	597798	.038	251470
20	13.181	C-16	25.0242	607468	.039	239929
23	15.3	C-18	24.9059	618072	.04	227053
24	16.285	C-19	24.7133	612109	.041	217709
25	17.227	C-20	24.532	613170	.042	213666
26	17.977	1-Chlorooctadecane	22.6022	513835	.041	187189
29	18.995	C-22	23.9688	580350	.044	207273
31	20.626	C-24	25.5805	603683	.045	204301
34	22.137	C-26	25.2411	611233	.045	206441
36	23.544	C-28	25.6222	611554	.048	196632
40	24.859	C-30	24.4464	600739	.05	192008
45	28.364	C-36	25.3398	600558	.053	178464

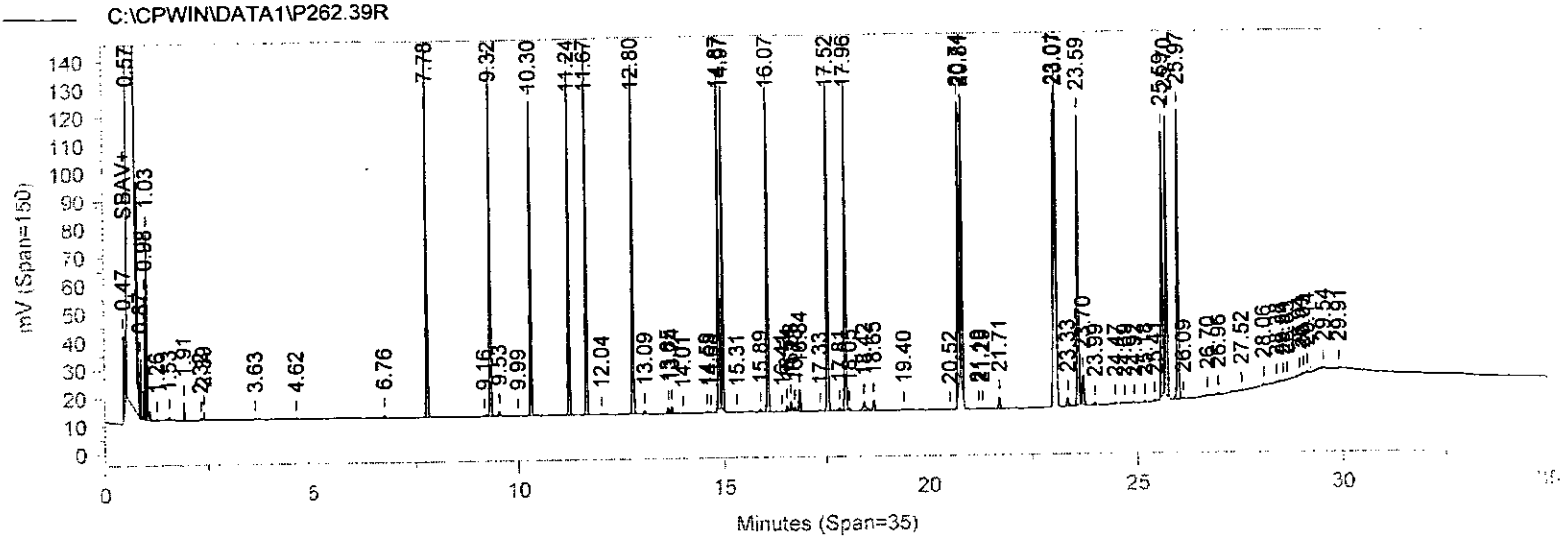
1-CHLOROOCTADECANE % RECOVERY = 109.3902 %

TOTAL SURROGATE AMOUNT = 22.60221 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.26A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 7:20:30 AM
File reported on: 9/19/2008 at 7:20:30 AM

ASX84 1438

MA EPH
MAAR30832D CIMAAR3CI CCAL 0826199999
C:\CPWIN\DATA1\P262.39R



Sample Name:MAAR30832D CIMAAR3CI CCAL 0826199999A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 5:46:49 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
14	7.781	Naphthalene	10.1735	270090	.031	138249
16	9.316	2-Methylnaphthalene	10.215	254335	.032	124874
19	10.296	2-Fluorobiphenyl	10.3007	236080	.033	112713
20	11.239	Acenapthylene	10.6189	255208	.032	122765
21	11.67	Acenaphthene	10.4601	275110	.032	133801
23	12.802	Fluorene	10.236	271332	.034	125392
30	14.869	Phenanthrene	10.0747	272668	.035	123189
31	14.968	Anthracene	10.6167	252395	.034	115165
34	16.07	SS o-Terphenyl	10.0142	278677	.038	116501
41	17.521	Fluoranthene	10.2822	276476	.037	117308
43	17.962	Pyrene	9.8567	276834	.037	117608
49	20.735	Benzo(a)anthracene	8.6972	232346	.039	101239
50	20.813	Chrysene	8.8052	232124	.039	104347
54	23.015	Benzo(b)fluoranthene	4.2222	119194	.045	53304
55	23.065	Benzo(k)fluoranthene	4.2473	110929	.043	70675
57	23.59	Benzo(a)pyrene	10.272	260712	.04	103258
65	25.592	Indeno(1,2,3-cd)pyre	9.8002	253739	.043	94817
66	25.696	Dibenzo(a,h)anthrace	9.8296	261307	.042	99446
67	25.97	Benzo(ghi)perylene	10.3806	277356	.042	103775

2-FLUOROBIPHENYL % RECOVERY = 49.07919 %
o-TERPHENYL % RECOVERY = 50.07091 %

TOTAL SURROGATE AMOUNT = 20.31492 PPM

Not Used
See Reintegration

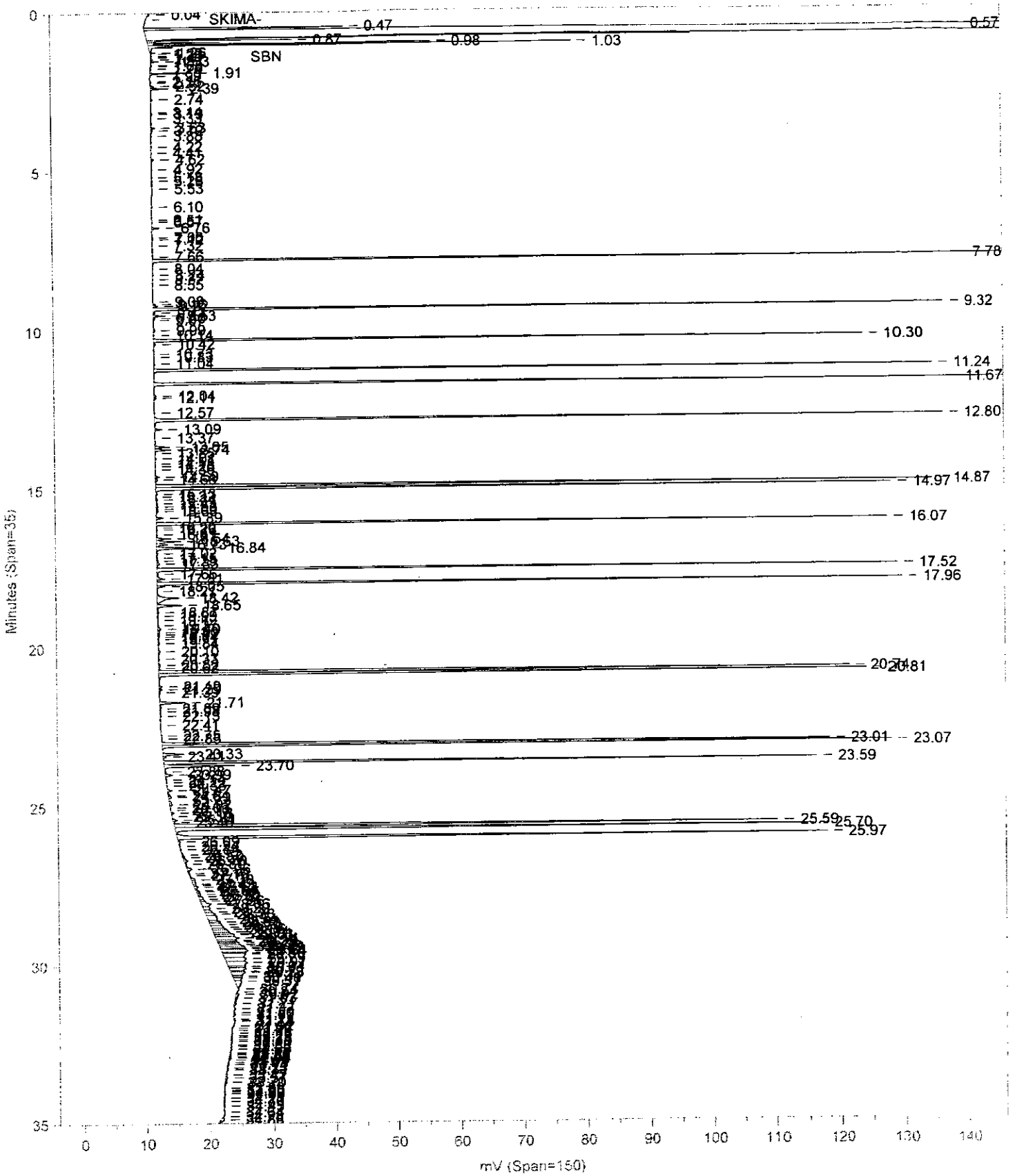
FILES:
Area File: C:\CPWIN\DATA1\P262.39A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 6:22:00 PM
File reported on: 9/19/2008 at 6:22:00 PM

ASX84 1431

MA EPH

MAAR30832D CIMAAR3CI CCAL 0826199999

C:\CPWIN\DATA1\P262.39R



ASX04. 1432

Instrument ID:CP25--H6610A

Injected on: 9/19/2008 5:46:49 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

MA EPH

Sample ID: MAAR30832D CIMAAR3CI CCAL 0826199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
44	7.781	Naphthalene	10.20546	270938	.031	138331
52	9.316	2-Methylnaphthalene	10.25697	255379	.032	124985
59	10.296	2-Fluorobiphenyl	10.32733	236689	.033	112765
64	11.239	Acenapthylene	10.63509	255598	.032	122786
65	11.67	Acenaphthene	10.48642	275803	.032	133838
69	12.802	Fluorene	10.31053	273306	.034	125522
81	14.869	Phenanthrene	10.3131	279119	.035	124241
82	14.968	Anthracene	10.96011	260560	.034	116363
91	16.07	SS o-Terphenyl	10.02118	278872	.038	116521
103	17.521	Fluoranthene	10.33772	277968	.037	117434
106	17.962	Pyrene	9.92344	278708	.037	117850
125	20.735	Benzo(a)anthracene	10.31112	275460	.039	110024
126	20.813	Chrysene	10.53155	277636	.039	113234
137	23.015	Benzo(b)fluoranthene	10.35065	292201	.046	106040
138	23.065	Benzo(k)fluoranthene	10.26943	268215	.044	115685
141	23.59	Benzo(a)pyrene	10.40756	264151	.04	103684
158	25.592	Indeno(1,2,3-cd)pyre	10.27463	266021	.043	96758
159	25.696	Dibenzo(a,h)anthrace	10.40338	276559	.043	101489
160	25.97	Benzo(ghi)perylene	10.43358	278771	.042	103862

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	196.759	100.000	5374421.0	31.677

Total slice amount= 196.759
Total slice amount %= 100.0

Total slice area= 5374421.0
Total slice area %= 31.7

********** RESULTS TABLE **********

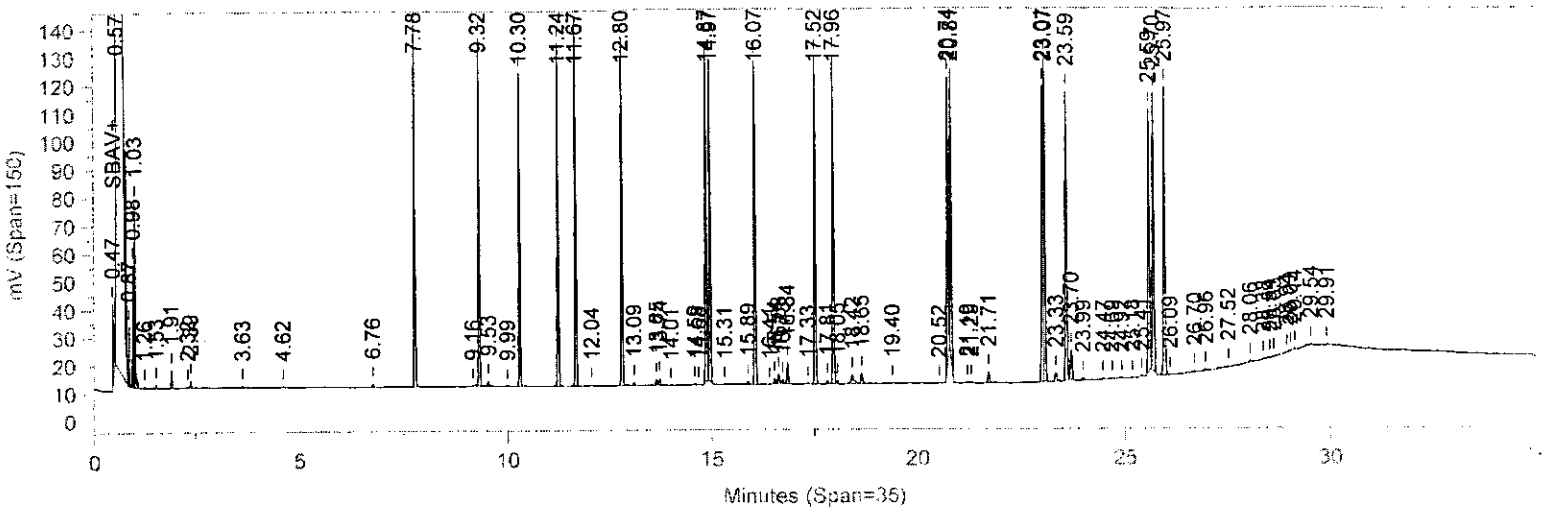
Unadjusted Aromatics AREA (C11- C22) = 5374421
Unadjusted Aromatics AMOUNT (C11- C22) = 185.1655 PPM* − 20.31 = $\frac{164.86}{170}$ × 100 = 96.97

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.39A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 6:21:54 PM
File reported on: 9/19/2008 at 6:21:54 PM

8SX84 1433

MA EPH
MAAR30832D CIMAAR3CI CCAL 0826199999
C:\CPWIN\DATA1\P262.39R



Sample Name:MAAR30832D CIMAAR3CI CCAL 0826199999A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 5:46:49 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
14	7.781	Naphthalene	10.1735	270090	.031	138249
16	9.316	2-Methylnaphthalene	10.215	254335	.032	124874
19	10.296	2-Fluorobiphenyl	10.3007	236080	.033	112713
20	11.239	Acenapthylene	10.6189	255208	.032	122765
21	11.67	Acenaphthene	10.4601	275110	.032	133801
23	12.802	Fluorene	10.236	271332	.034	125392
30	14.869	Phenanthrene	10.0747	272668	.035	123189
31	14.968	Anthracene	10.6167	252395	.034	115165
34	16.07	SS o-Terphenyl	10.0142	278677	.038	116501
41	17.521	Fluoranthene	10.2822	276476	.037	117308
43	17.962	Pyrene	9.8567	276834	.037	117608
49	20.735	Benzo(a)anthracene	8.6972	232346	.039	101239
50	20.813	Chrysene	8.8052	232124	.039	104347
54	23.015	Benzo(b)fluoranthene M	10.3017	290819	.046	105793
55	23.065	Benzo(k)fluoranthene M	10.1721	265672	.045	115335
57	23.59	Benzo(a)pyrene	10.272	260712	.04	103258
65	25.592	Indeno(1,2,3-cd)pyre	9.8002	253739	.043	94817
66	25.696	Dibenzo(a,h)anthrace	9.8296	261307	.042	99446
67	25.97	Benzo(ghi)perylene	10.3806	277356	.042	103775

2-FLUOROBIPHENYL % RECOVERY = 49.07919 %
o-TERPHENYL % RECOVERY = 50.07091 %

TOTAL SURROGATE AMOUNT = 20.31492 PPM

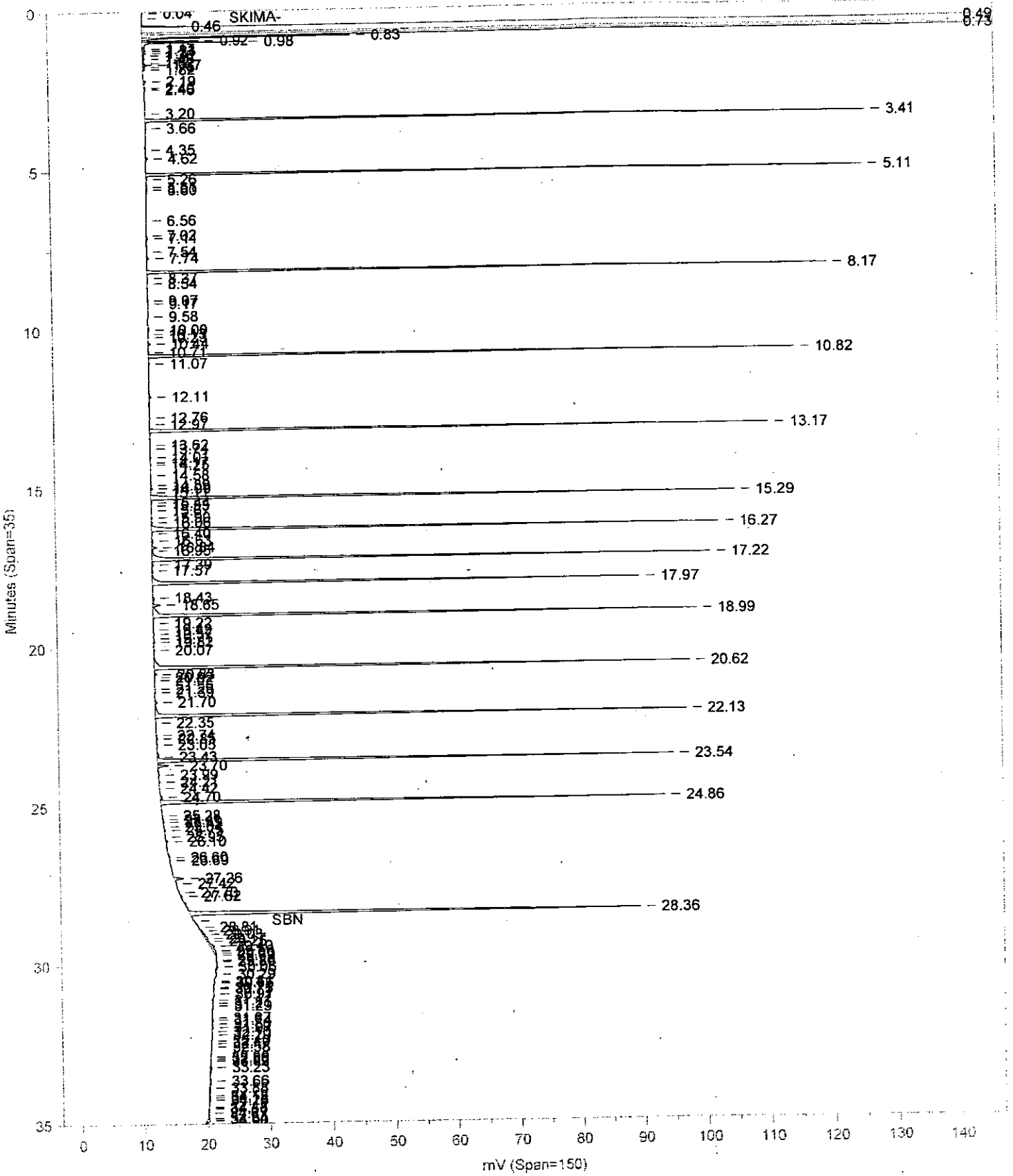
M = Manually Integrated
Analyst [signature] 9/22/08
Approved by [signature] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 10:04:24 AM
File reported on: 9/22/2008 at 10:04:24 AM

MA EPH

MAAL30832E HEMAAL3HE CCAL 0826199999

C:\CPWIN\DATA1\P262.40R



ASX84 1435

Instrument ID:CP25--H6610A

Injected on: 9/19/2008 6:37:07 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

MA EPH

Sample ID: MAAL30832E HEMAAL3HE CCAL 0826199999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
21	3.411	C-9	10.1428	241026	.033	114101
25	5.111	C-10	10.1149	240684	.033	113518
34	8.171	C-12	10.1384	241593	.035	108543
45	10.819	C-14	10.0744	241033	.037	103360
50	13.169	C-16	10.066	244355	.039	99125
60	15.288	C-18	10.0186	248624	.041	92895
66	16.274	C-19	9.8412	243750	.041	90889
71	17.218	C-20	9.8507	246215	.041	89124
74	17.968	1-Chlorooctadecane	9.47	215290	.042	77769
77	18.988	C-22	10.2468	248104	.043	86653
84	20.618	C-24	10.4146	245778	.044	85796
91	22.131	C-26	10.2616	248491	.045	85406
97	23.539	C-28	10.2622	244939	.047	82288
103	24.857	C-30	10.0189	246203	.048	80580
117	28.364	C-36	10.332	244871	.053	72120

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	60.555	40.036	1478537.0	9.238
2	16.200	28.470	90.698	59.964	2230040.0	13.933

Total slice amount= 151.253
Total slice amount %= 100.0

Total slice area= 3708576.0
Total slice area %= 23.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 1478537
Unadjusted Aliphatics AMOUNT (C9- <C19) = 53.31004 PPM /60 × 100 = 88.85

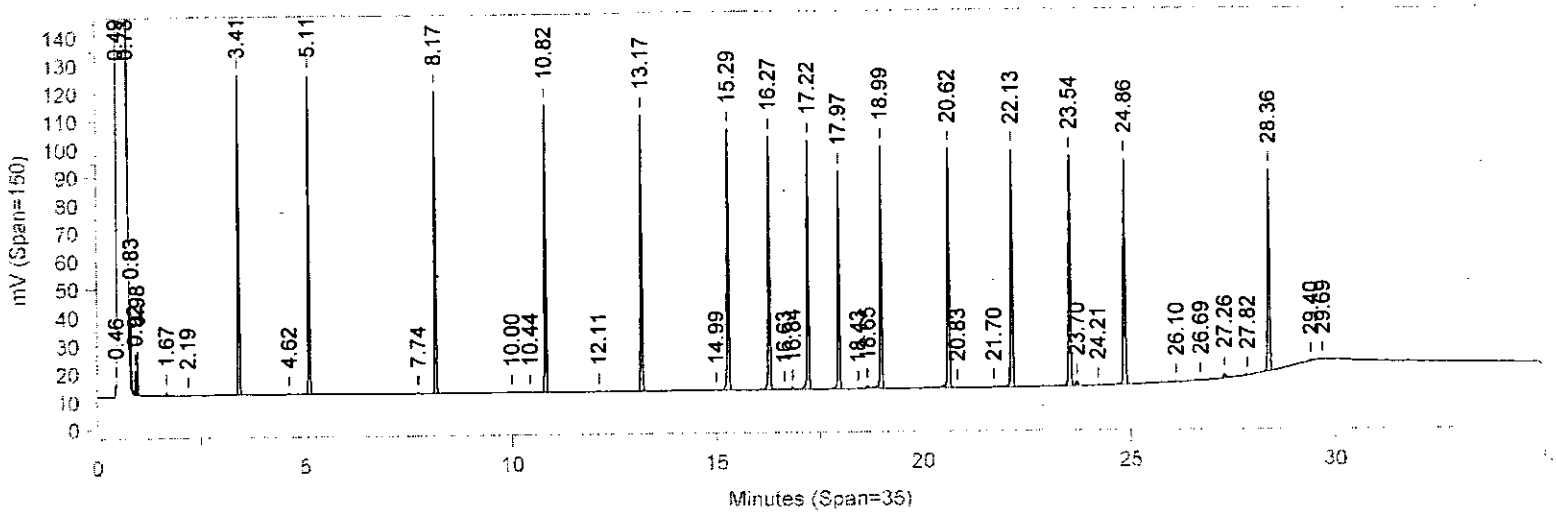
Unadjusted Aliphatics AREA (C19- C36) = 2230040
Unadjusted Aliphatics AMOUNT (C19- C36) = 77.7951 PPM* − 9.46 = $\frac{66.34}{80}$ × 100 = 85.42

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.40A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 7:12:12 PM
File reported on: 9/19/2008 at 7:12:11 PM

ASX84 1436

MA EPH
MAAL30832E HEMAAL3HE CCAL 0826199999
C:\CPWIN\DATA1\P262.40R



Sample Name:MAAL30832E HEMAAL3HE CCAL 0826199999A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 6:37:07 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

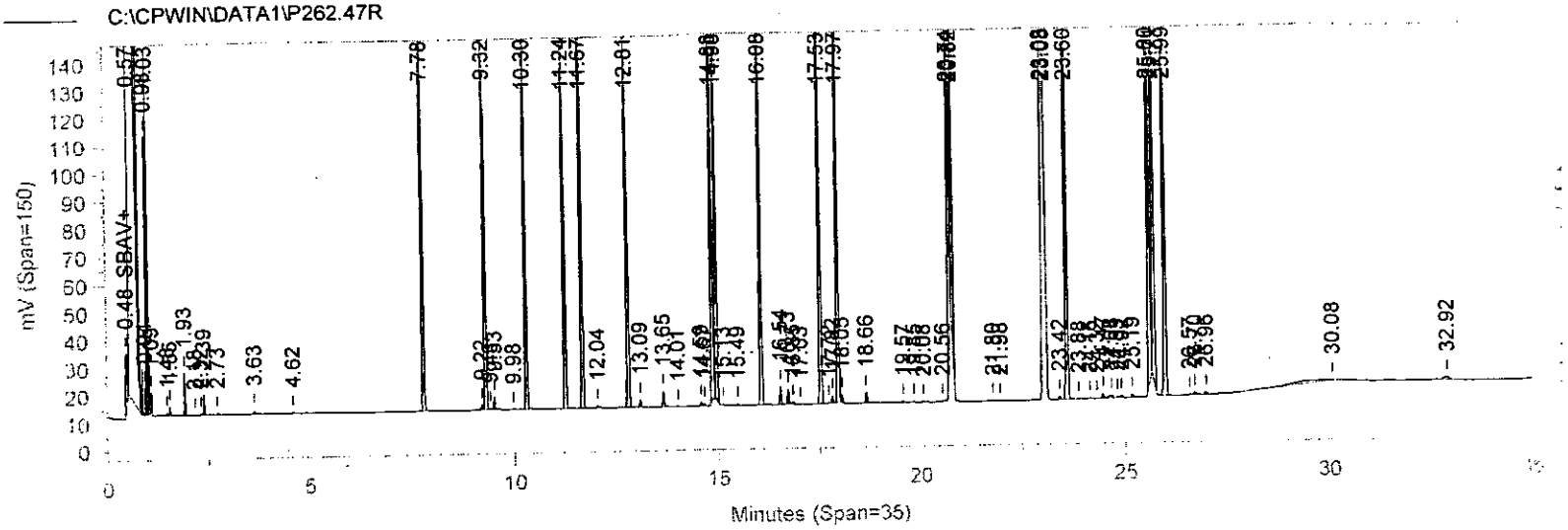
Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
9	3.411	C-9	10.117	240414	.033	114076
11	5.111	C-10	10.1077	240513	.033	113505
13	8.171	C-12	10.1319	241439	.035	108536
16	10.819	C-14	10.063	240760	.037	103337
18	13.169	C-16	10.044	243820	.039	99099
20	15.288	C-18	9.9973	248097	.041	92860
21	16.274	C-19	9.8024	242791	.041	90820
24	17.218	C-20	9.7896	244688	.041	89056
25	17.968	1-Chlorooctadecane	9.4581	215018	.042	77759
28	18.988	C-22	10.1289	245247	.043	86569
29	20.618	C-24	10.2888	242809	.044	85704
32	22.131	C-26	10.1748	246390	.045	85355
33	23.539	C-28	10.3169	246244	.047	82273
36	24.857	C-30	10.0674	247393	.048	80555
41	28.364	C-36	10.332	244871	.053	72120

1-CHLOROOCTADECANE % RECOVERY = 45.77519 %

TOTAL SURROGATE AMOUNT = 9.45807 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.40A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 7:12:18 PM
File reported on: 9/19/2008 at 7:12:16 PM

MA EPH
MAAR40832D ZJMAAR4ZJ CCAL 0826299999
C:\CPWIN\DATA1\P262.47R



Sample Name:MAAR40832D ZJMAAR4ZJ CCAL 0826299999A

Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Analyst: 375

Injected on: 9/20/2008 12:32:23 AM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
16	7.781	Naphthalene	25.5287	677745	.032	341048
18	9.317	2-Methylnaphthalene	25.5857	637036	.032	310043
22	10.299	2-Fluorobiphenyl	25.7547	590265	.033	283323
23	11.242	Acenapthylene	26.4515	635722	.034	298693
24	11.674	Acenaphthene	25.9943	683675	.033	322753
26	12.806	Fluorene	25.4993	675923	.034	311216
32	14.876	Phenanthrene	24.7478	669787	.037	289337
33	14.976	Anthracene	26.1165	620879	.036	280342
36	16.075	SS o-Terphenyl	24.7689	689274	.038	288417
41	17.527	Fluoranthene	25.4249	683643	.037	288649
44	17.97	Pyrene	24.2111	679990	.037	287408
51	20.743	Benzo(a)anthracene	21.6094	577293	.042	230034
52	20.824	Chrysene	21.8268	575403	.039	256176
55	23.026	Benzo(b)fluoranthene	10.054	283825	.05	108551
56	23.08	Benzo(k)fluoranthene	12.3913	323634	.046	178768
58	23.601	Benzo(a)pyrene	25.8339	655683	.042	245832
67	25.604	Indeno(1,2,3-cd)pyre	24.2231	627163	.046	215865
68	25.708	Dibenzo(a,h)anthrace	24.2705	645198	.044	240083
69	25.988	Benzo(ghi)perylene	25.7534	688097	.046	235639

2-FLUOROBIPHENYL % RECOVERY = 122.7114 %
o-TERPHENYL % RECOVERY = 123.8443 %

TOTAL SURROGATE AMOUNT = 50.52353 PPM

Not Used
See Reintegration

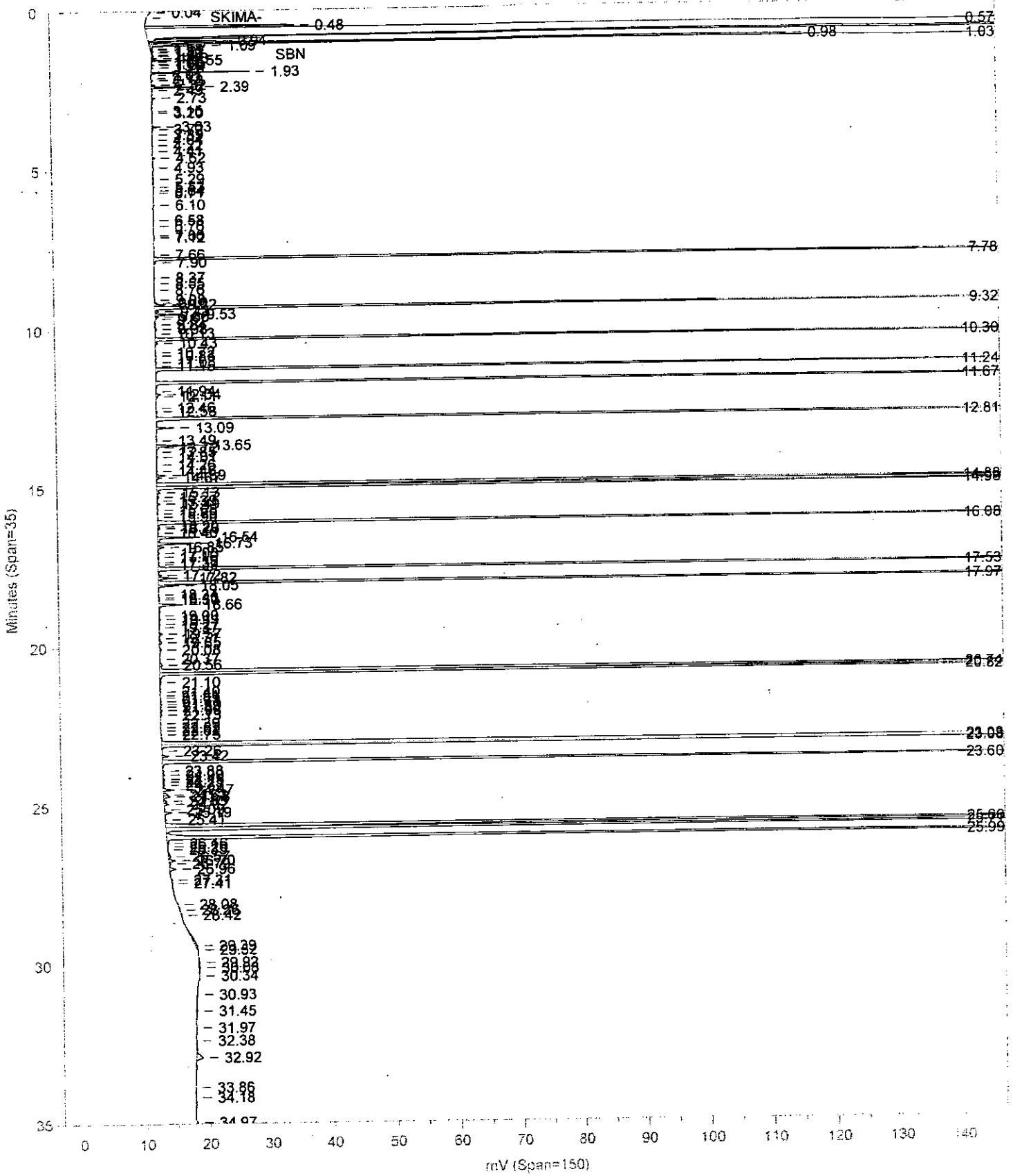
FILES:
Area File: C:\CPWIN\DATA1\P262.47A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/20/2008 1:07:34 AM
File reported on: 9/20/2008 at 1:07:33 AM .

ASX04 1438

MA EPH

MAAR40832D ZJMAAR4ZJ CCAL 0826299999

C:\CPWIN\DATA1\P262.47R



Instrument ID:CP25--H6610A

Injected on: 9/20/2008 12:32:23 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

MA EPH

Sample ID: MAAR40832D ZJMAAR4ZJ CCAL 0826299999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
48	7.781	Naphthalene	25.57758	679044	.032	341177
56	9.317	2-Methylnaphthalene	25.63032	638146	.032	310166
64	10.299	2-Fluorobiphenyl	25.7982	591263	.033	283410
70	11.242	Acenapthylene	26.49219	636699	.034	298738
71	11.674	Acenaphthene	26.02728	684542	.033	322814
77	12.806	Fluorene	25.49932	675923	.034	311216
88	14.876	Phenanthrene	25.20836	682252	.037	291511
89	14.976	Anthracene	26.72495	635344	.036	282350
97	16.075	SS o-Terphenyl	24.81021	690425	.038	288536
108	17.527	Fluoranthene	25.48069	685144	.037	288746
111	17.97	Pyrene	24.40117	685328	.037	288114
127	20.743	Benzo(a)anthracene	25.90953	692170	.042	252264
128	20.824	Chrysene	25.61806	675351	.039	276486
142	23.026	Benzo(b)fluoranthene	25.41205	717387	.051	231902
143	23.08	Benzo(k)fluoranthene	25.72253	671816	.047	278989
146	23.601	Benzo(a)pyrene	25.84331	655921	.042	245839
160	25.604	Indeno(1,2,3-cd)pyre	25.64023	663854	.046	221880
161	25.708	Dibenzo(a,h)anthrace	25.64276	681677	.044	245275
162	25.988	Benzo(ghi)perylene	25.9327	692887	.046	235945

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	487.371	100.000	12922480.0	53.103

Total slice amount= 487.371
Total slice amount %= 100.0

Total slice area= 12922480.0
Total slice area %= 53.1

********** RESULTS TABLE **********

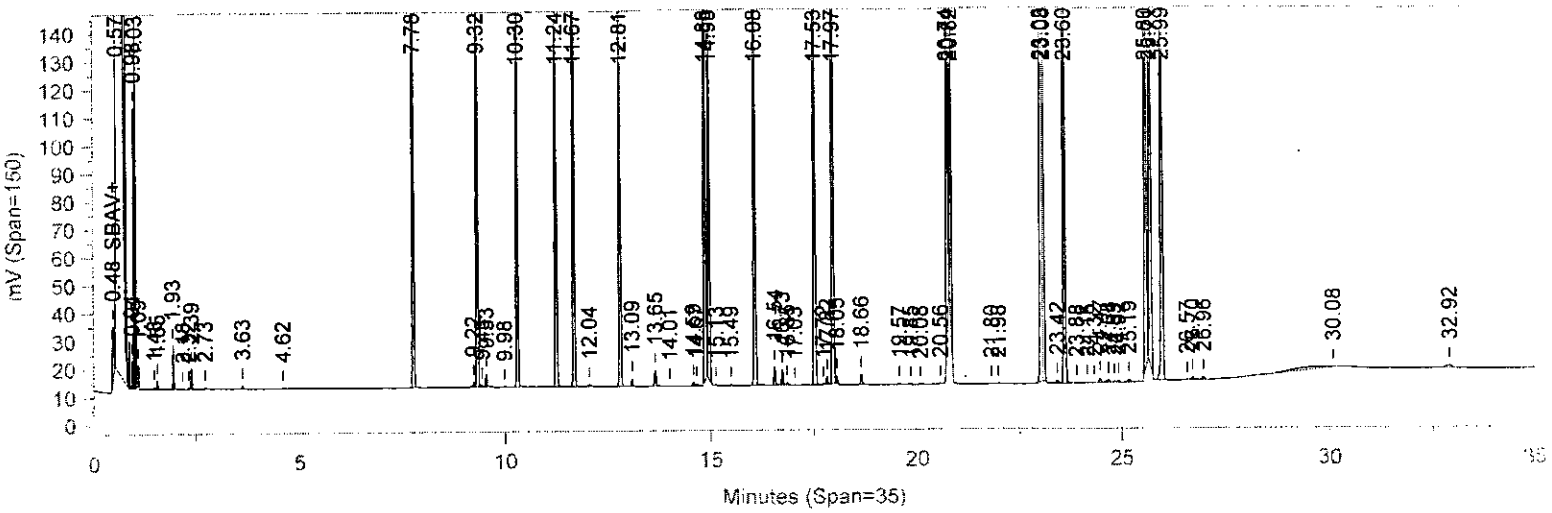
Unadjusted Aromatics AREA (C11- C22) = 1.292248E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 445.2196 PPM* $- 50.52 = \frac{394.70}{425} \times 100 = 92.87$

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.47A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/20/2008 1:07:28 AM
File reported on: 9/20/2008 at 1:07:28 AM

ASX84 1448

MA EPH
MAAR40832D ZJMAAR4ZJ CCAL 0826299999
C:\CPWIN\DATA1\P262.47R



Sample Name:MAAR40832D ZJMAAR4ZJ CCAL 0826299999A

Instrument ID:CP25--H6610A
Injected on: 9/20/2008 12:32:23 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
16	7.781	Naphthalene	25.5287	677745	.032	341048
18	9.317	2-Methylnaphthalene	25.5857	637036	.032	310043
22	10.299	2-Fluorobiphenyl	25.7547	590265	.033	283323
23	11.242	Acenapthylene	26.4515	635722	.034	298693
24	11.674	Acenaphthene	25.9943	683675	.033	322753
26	12.806	Fluorene	25.4993	675923	.034	311216
32	14.876	Phenanthrene	24.7478	669787	.037	289337
33	14.976	Anthracene	26.1165	620879	.036	280342
36	16.075	SS o-Terphenyl	24.7689	689274	.038	288417
41	17.527	Fluoranthene	25.4249	683643	.037	288649
44	17.97	Pyrene	24.2111	679990	.037	287408
51	20.743	Benzo(a)anthracene	21.6094	577293	.042	230034
52	20.824	Chrysene	21.8268	575403	.039	256176
55	23.026	Benzo(b)fluoranthene M	25.2439	712640	.051	231212
56	23.08	Benzo(k)fluoranthene M	25.5246	666647	.048	278134
58	23.601	Benzo(a)pyrene	25.8339	655683	.042	245832
67	25.604	Indeno(1,2,3-cd)pyre	24.2231	627163	.046	215865
68	25.708	Dibenzo(a,h)anthrace	24.2705	645198	.044	240083
69	25.988	Benzo(ghi)perylene	25.7534	688097	.046	235639

2-FLUOROBIPHENYL % RECOVERY = 122.7114 %
o-TERPHENYL % RECOVERY = 123.8443 %

TOTAL SURROGATE AMOUNT = 50.52353 PPM

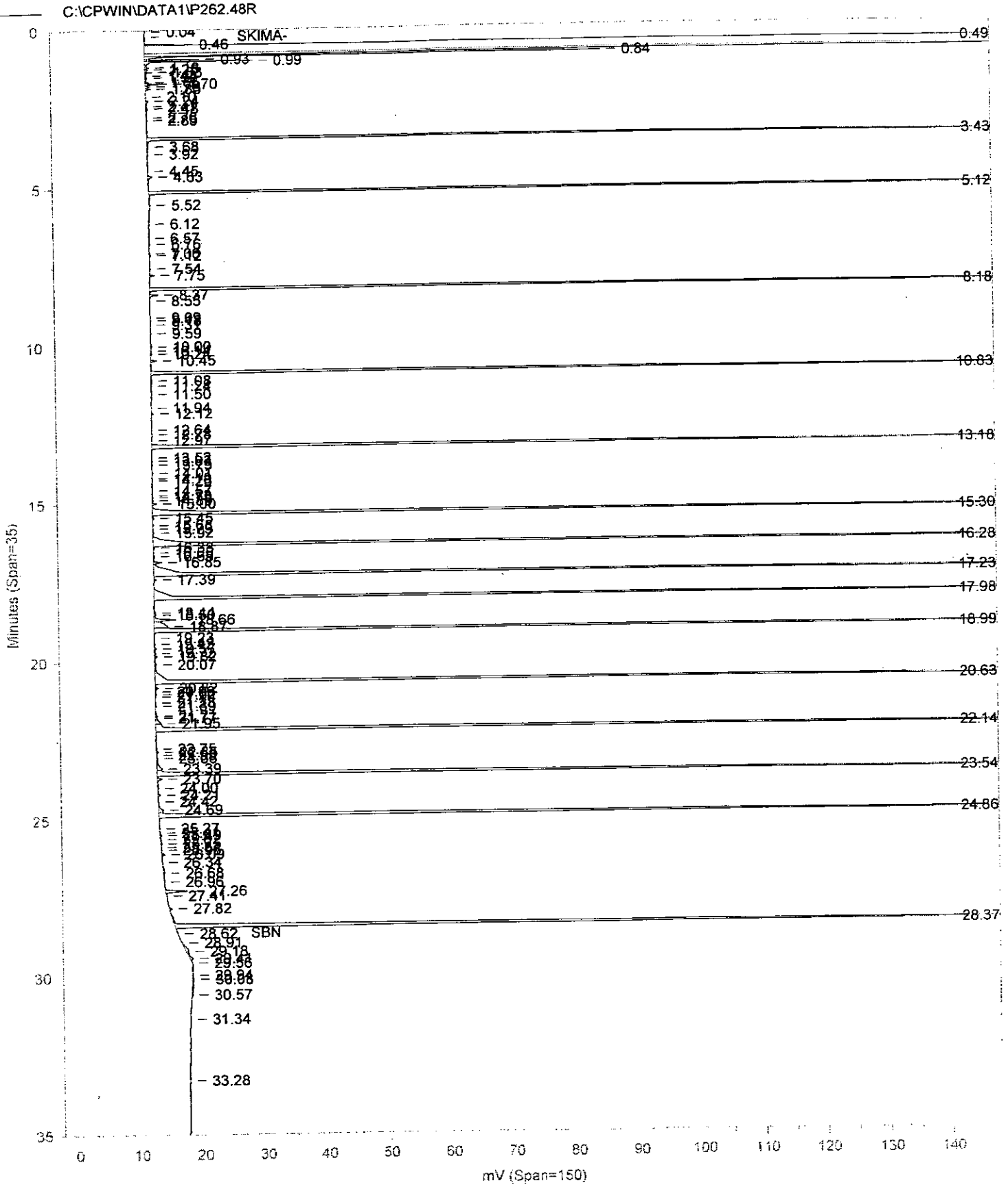
M = Manually Integrated
Analyst Gayne 9/22/07
Approved by RMB 3-15
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 10:09:52 AM
File reported on: 9/22/2008 at 10:09:51 AM

MA EPH

MAAL40832E CGMAAL4CG CCAL 0826299999

C:\CPWIN\DATA1\P262.48R



ASX04 1442

Instrument ID:CP25--H6610A

Injected on: 9/20/2008 1:21:47 AM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

MA EPH

Sample ID: MAAL40832E CGMAAL4CG CCAL 0826299999
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
22	3.43	C-9	24.7657	588515	.032	287502
27	5.123	C-10	24.7987	590084	.034	275597
36	8.18	C-12	24.8314	591718	.035	265918
47	10.828	C-14	24.7037	591041	.037	252130
56	13.178	C-16	24.6617	598668	.039	237330
68	15.298	C-18	24.4253	606147	.041	220284
73	16.284	C-19	24.1931	599224	.04	219666
78	17.227.	C-20	24.1237	602966	.041	216193
80	17.976	1-Chlorooctadecane	23.3019	529740	.041	192667
85	18.994	C-22	24.1828	585533	.044	206782
92	20.626	C-24	25.3644	598582	.045	202924
102	22.137	C-26	24.743	599170	.047	198835
108	23.544	C-28	25.0184	597140	.046	200644
114	24.863	C-30	24.3691	598840	.048	192870
129	28.37	C-36	25.1167	595272	.053	177509

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	148.187	40.203	3595933.0	15.707
2	16.200	28.470	220.413	59.797	5409694.0	23.630

Total slice amount= 368.600
Total slice amount %= 100.0

Total slice area= 9005627.0
Total slice area %= 39.3

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 3595933
Unadjusted Aliphatics AMOUNT (C9- <C19) = 129.6548 PPM/150 x 100 = 86.44

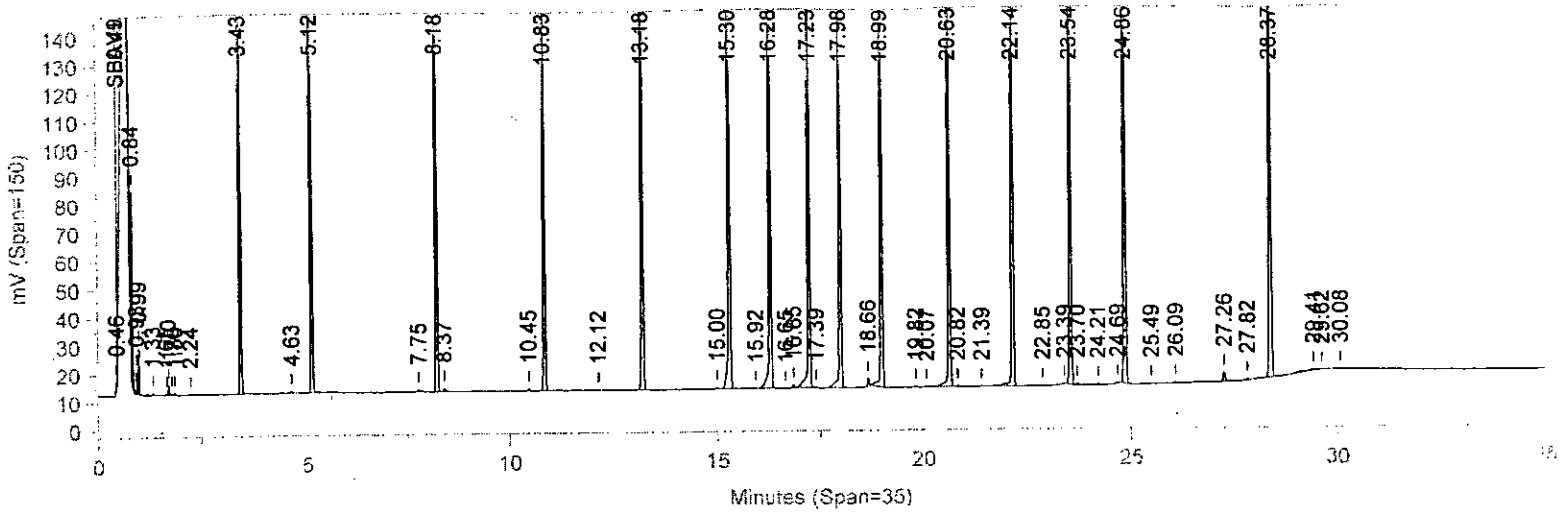
Unadjusted Aliphatics AREA (C19- C36) = 5409694
Unadjusted Aliphatics AMOUNT (C19- C36) = 188.7176 PPM* - 23.27 = $\frac{165.45}{200}$ x 100 = 82.72

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.48A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/20/2008 1:56:52 AM
File reported on: 9/20/2008 at 1:56:51 AM

ASX04 1443

MA EPH
MAAL40832E CGMAAL4CG CCAL 0826299999
C:\CPWIN\DATA1\P262.48R



Sample Name:MAAL40832E CGMAAL4CG CCAL 0826299999A

Instrument ID:CP25--H6610A
Injected on: 9/20/2008 1:21:47 AM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
12	3.43	C-9	24.729	587643	.032	287477
14	5.123	C-10	24.7987	590084	.034	275597
16	8.18	C-12	24.8205	591461	.035	265905
19	10.828	C-14	24.6991	590932	.037	252125
21	13.178	C-16	24.6507	598400	.039	237317
23	15.298	C-18	24.4124	605825	.041	220261
25	16.284	C-19	24.1141	597269	.04	219538
28	17.227	C-20	24.0119	600169	.041	216136
30	17.976	1-Chlorooctadecane	23.2724	529070	.041	192653
32	18.994	C-22	24.5097	593446	.044	206492
35	20.626	C-24	25.19	594467	.045	202828
38	22.137	C-26	24.8205	601047	.047	198750
41	23.544	C-28	24.8265	592561	.046	200318
45	24.863	C-30	24.196	594587	.048	192555
50	28.37	C-36	25.1167	595272	.053	177509

1-CHLOROOCTADECANE % RECOVERY = 112.6337 %

TOTAL SURROGATE AMOUNT = 23.27238 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.48A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/20/2008 1:56:58 AM
File reported on: 9/20/2008 at 1:56:57 AM

ASX04 1444

Raw QC Data

ASX04 1445

Lancaster Laboratories-Range Data Summary

Sample Name: BLANKA 9/2/08P PBLK0A Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: State:
Analyses: 05332

Setting : MAPP242BS

Injection Summary

P262 041 Injected on : 9/19/08 19:29:21 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 042 Injected on : 9/19/08 20:21:35 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	101.1%	Conc.:	2.132423
SS O-TERPHENYL	87.1%	Conc.:	1.742021
1-CHLOROOCTADECANE	75.9 ~~*32.8%~~	Conc.:	~~0.697167~~ 1.6136

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	112546	0.4058	<6	<6		ppm
C19-C36	16.20 - 28.47	230651	0.1075	<12	<12		ppm
C11-C22	7.69 - 26.07	1372793	0.1135	<12	<12		ppm
C11-C22*MDL	7.69 - 26.07	1372793	0.1135	<12	<12		ppm
Unadjusted C11-C22	7.69 - 26.07	1372793	0.8553	<12	<12		ppm
Naphthalene	7.74 - 7.84	0	0.0000	<0.5	<0.1		ppm
2-Methylnaphthalene	9.28 - 9.38	0	0.0000	<0.5	<0.1		ppm
2-Fluorobiphenyl	10.29	488725	2.1324				ppm
Acenapthylene	11.21 - 11.31	0	0.0000	<0.5	<0.1		ppm
Acenaphthene	11.64 - 11.74	0	0.0000	<0.5	<0.1		ppm
Fluorene	12.77 - 12.87	0	0.0000	<0.5	<0.1		ppm
Phenanthrene	14.85 - 14.91	0	0.0000	<0.5	<0.1		ppm
Anthracene	14.95 - 15.01	0	0.0000	<0.5	<0.1		ppm
SS o-Terphenyl	16.07	484774	1.7420				ppm
Fluoranthene	17.48 - 17.58	0	0.0000	<0.5	<0.1		ppm
Pyrene	17.97	~~208339~~	~~0.7418~~ <0.8	0.5 <0.8	0.1		ppm
Benzo(a)anthracene	20.72 - 20.78	0	0.0000	<0.5	<0.1		ppm
Chrysene	20.82	1020	0.0039	<0.5	<0.1		ppm
Benzo(b)fluoranthene	23.00 - 23.05	0	0.0000	<0.5	<0.1		ppm
Benzo(k)fluoranthene	23.05 - 23.10	0	0.0000	<0.5	<0.1		ppm
Benzo(a)pyrene	23.54 - 23.64	0	0.0000	<0.5	<0.1		ppm
Indeno(1,2,3-cd)pyre	25.54 - 25.63	0	0.0000	<0.5	<0.1		ppm
Dibenzo(a,h)anthrace	25.67 - 25.73	0	0.0000	<0.5	<0.1		ppm
Benzo(ghi)perylene	26.01	683	0.0026	<0.5	<0.1		ppm
1-Chlorooctadecane	17.97	158493	0.6972				ppm
		208339	+ 0.9164				
		366832	1.6136				

Comments: Broad thumps of 1-ccc18

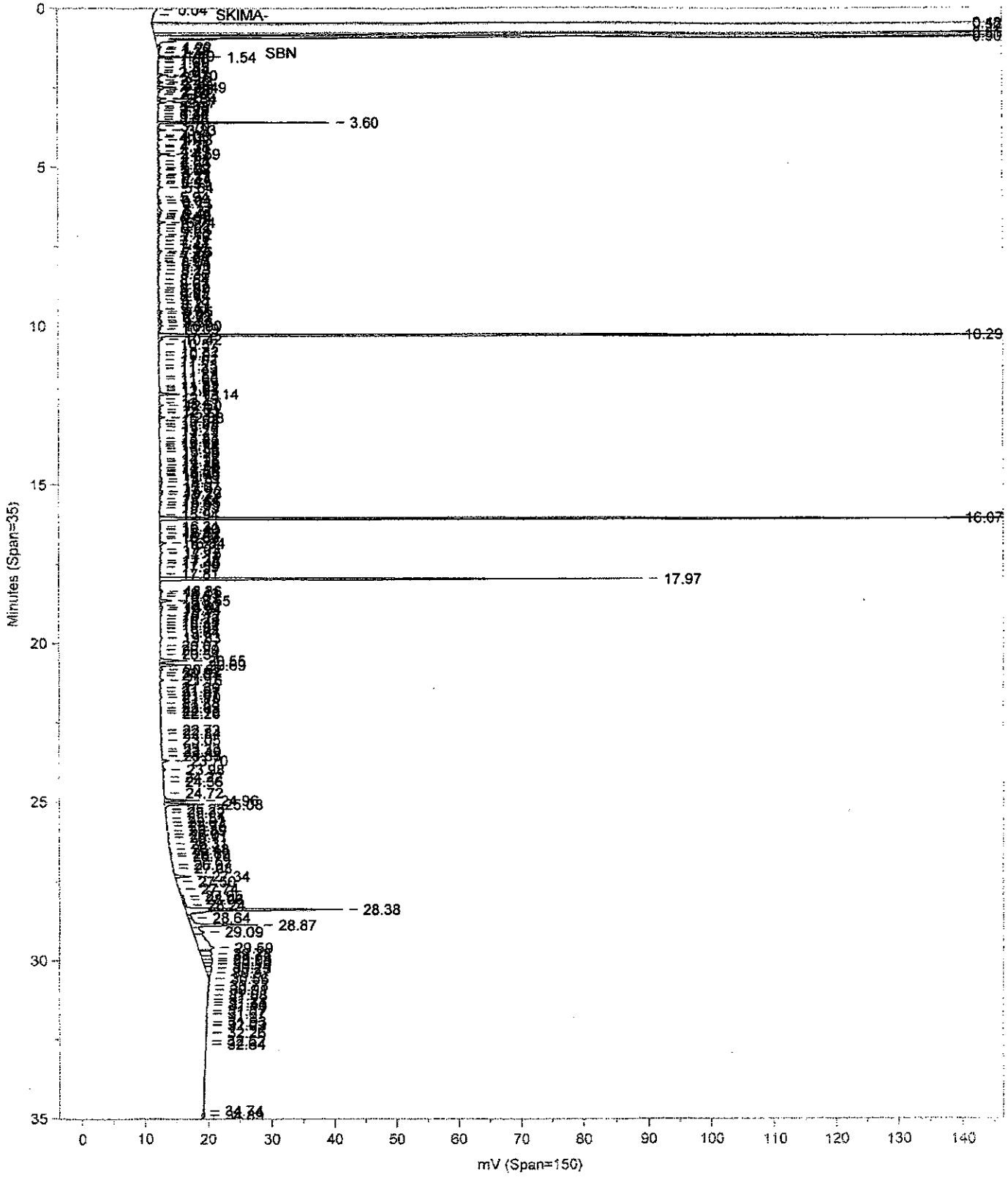
ASX84 1446

Reviewed by: Compson Date: 9/23/08
Verified by: MCB/375 Date: 9-23-08

MA EPH

BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332

C:\CPWIN\DATA1\P262.41R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 7:29:20 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1447

MA EPH

Sample ID: BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
75	7.798	Naphthalene	.00296	786	.064	203
98	10.291	2-Fluorobiphenyl	2.14355	491275	.033	232903
104	11.231	Acenapthylene	.0008	191	.056	66
107	11.661	Acenaphthene	.00197	518	.072	130
147	16.069	SS o-Terphenyl	1.74329	485126	.037	206621
160	17.97	Pyrene	.74343	208800	.043	77506
180	20.825	Chrysene	.00714	1883	.047	485
197	23.548	Benzo(a)pyrene	.0018	456	.113	87
211	26.008	Benzo(ghi)perylene	.00256	685	.067	184

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	46.475	100.000	1372793.0	6.799

Total slice amount= 46.475
Total slice amount %= 100.0

Total slice area= 1372793.0
Total slice area %= 6.8

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1372793
Unadjusted Aromatics AMOUNT (C11- C22) = 4.729696 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.41A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 8:04:24 PM
File reported on: 9/19/2008 at 8:04:24 PM

ASX0431448

MA EPH
BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332
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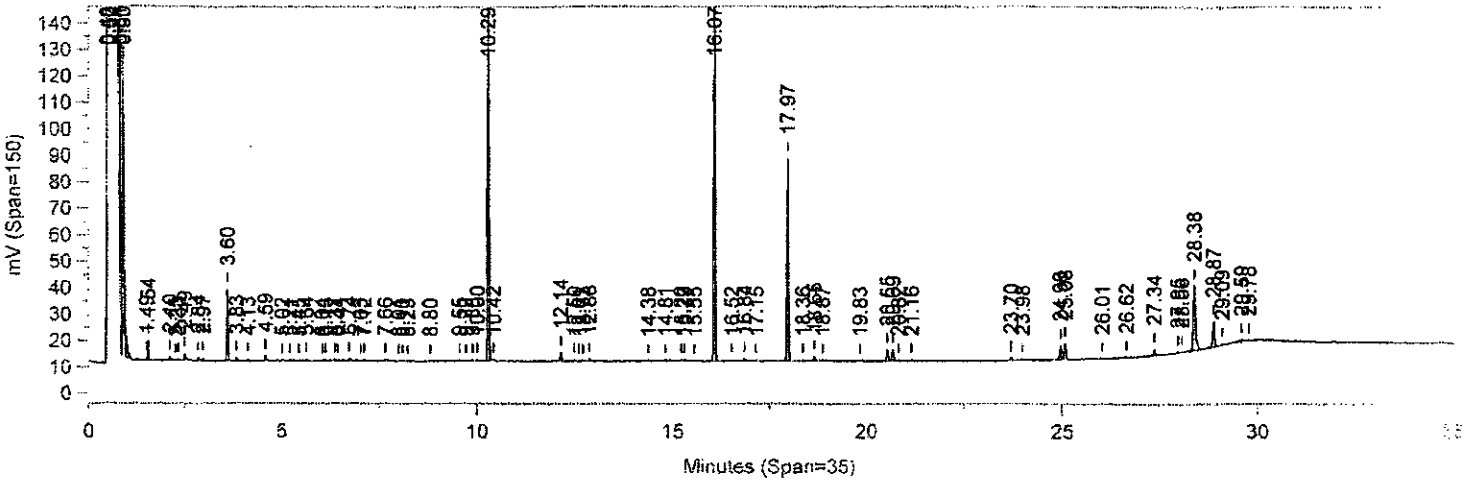


Sample Name:BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 7:29:20 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
37	10.291	2-Fluorobiphenyl	2.1324	488725	.033	232655
49	16.069	SS o-Terphenyl	1.742	484774	.037	206595
53	17.97	Pyrene	.7418	208339	.043	77469
60	20.825	Chrysene	.0039	1020	.047	363
66	26.008	Benzo(ghi)perylene	.0026	683	.067	183

2-FLUOROBIPHENYL % RECOVERY = 101.602 %
o-TERPHENYL % RECOVERY = 87.10107 %

TOTAL SURROGATE AMOUNT = 3.874444 PPM

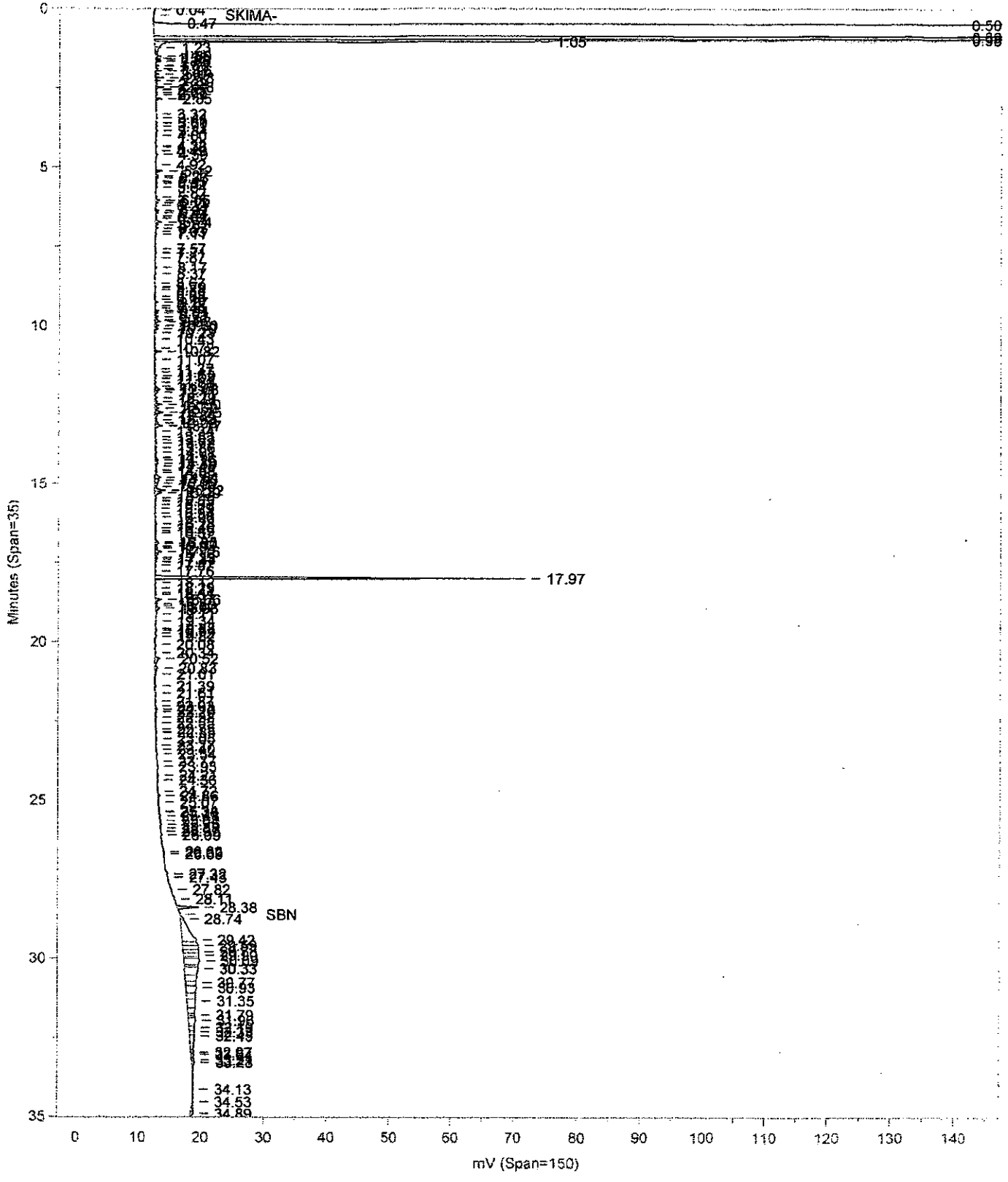
FILES:
Area File: C:\CPWIN\DATA1\P262.41A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 8:04:30 PM
File reported on: 9/19/2008 at 8:04:30 PM

ASX04 1449

MA EPH

BLANKA 9/2/08P ACPBLK0A BLK 082430018A 05332

C:\CPWIN\DATA1\P262.42R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 8:21:34 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX64 1450

MA EPH

Sample ID: BLANKA 9/2/08P ACPBLK0A BLK 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
25	3.444	C-9	.0029	687	.05	215
35	5.123	C-10	.0102	2432	.033	1122
57	8.172	C-12	.0036	858	.037	315
77	10.819	C-14	.0115	2761	.037	1016
96	13.172	C-16	.0167	4055	.042	1221
114	15.291	C-18	.0171	4240	.048	1105
121	16.279	C-19	.0042	1045	.079	206
135	17.972	1-Chlorooctadecane	.7004	159237	.042	59188
159	22.127	C-26	.0055	1330	.079	248
168	23.539	C-28	.0039	923	.087	196
174	24.857	C-30	.0054	1320	.096	267
190	28.383	C-36	.0502	11904	.057	3359

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	0.620	7.460	112546.1	0.400
2	16.200	28.470	7.696	92.540	230651.4	0.820

Total slice amount= 8.317
Total slice amount %= 100.0

Total slice area= 343197.5
Total slice area %= 1.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 112546.1
Unadjusted Aliphatics AMOUNT (C9- <C19) = 0.4057956 PPM

Unadjusted Aliphatics AREA (C19- C36) = 230651.4
Unadjusted Aliphatics AMOUNT (C19- C36) = 0.8046293 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.42A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 8:56:38 PM
File reported on: 9/19/2008 at 8:56:38 PM

ASX84 1451

MA EPH
BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332
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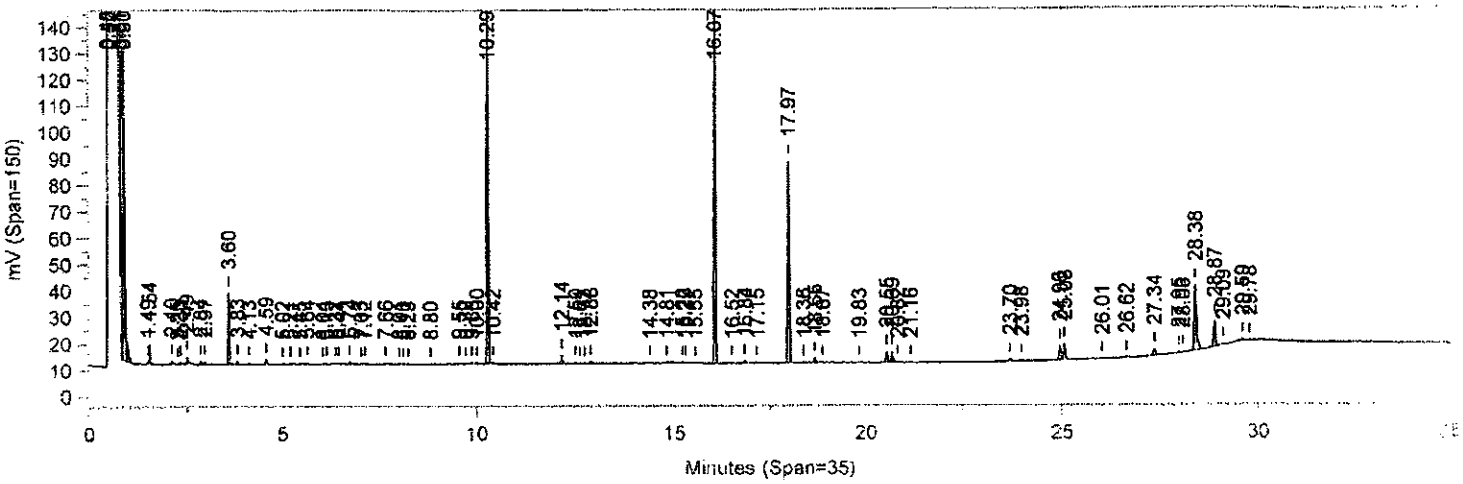


Sample Name:BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 7:29:20 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
47	15.293	C-18	.004	1003	.052	318
53	17.97	1-Chlorooctadecane	.9164	208339	.043	77469
71	28.384	C-36	.3952	93665	.055	24570

1-CHLOROOCTADECANE % RECOVERY = 44.35327 %

TOTAL SURROGATE AMOUNT = 0.9164273 PPM

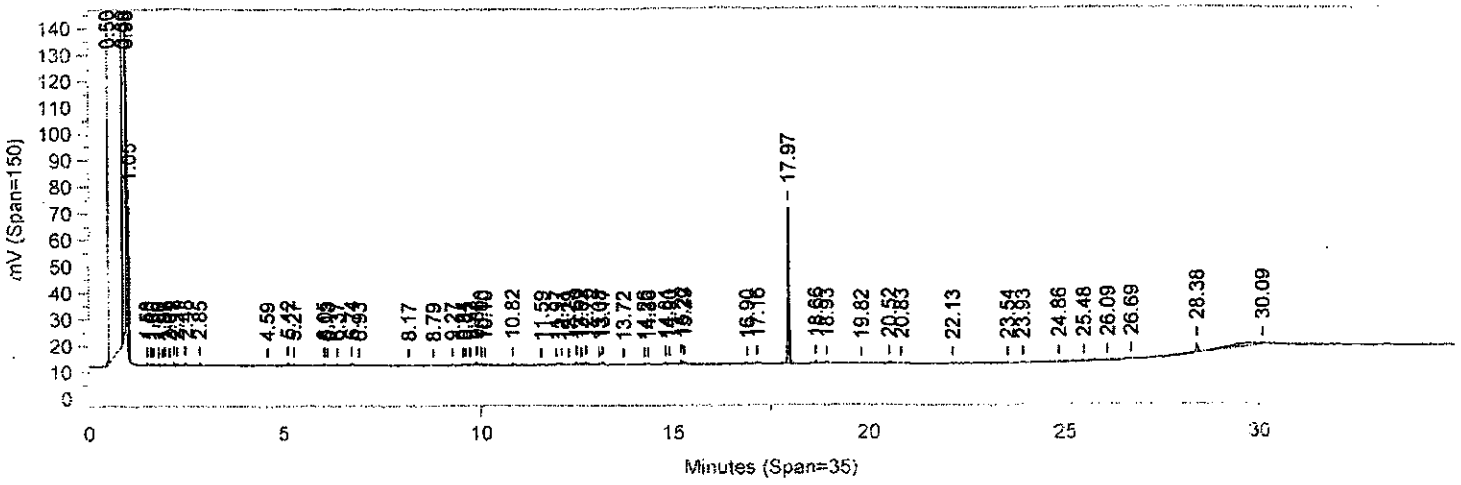
FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/22/2008 11:09:48 AM
File reported on: 9/22/2008 at 11:09:47 AM

aromatic replot reanalyzed using aliphatic replot method for 1-CL C18.

[signature]
9/22/08

ASX04 1452

MA EPH
BLANKA 9/2/08P ACPBLK0A BLK 082430018A 05332
——— C:\CPWIN\DATA1\P262.42R



Sample Name:BLANKA 9/2/08P ACPBLK0A BLK 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 8:21:34 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
17	5.123	C-10	.0093	2207	.033	1085
24	8.172	C-12	.0036	858	.037	315
33	10.819	C-14	.0107	2570	.037	996
42	13.172	C-16	.0123	2988	.042	1062
49	15.291	C-18	.0085	2108	.048	775
52	17.972	1-Chlorooctadecane	.6972	158493	.042	59132
58	22.127	C-26	.003	725	.079	162
59	23.539	C-28	.0039	923	.087	196
61	24.857	C-30	.0037	907	.096	223
65	28.383	C-36	.0502	11904	.057	3359

1-CHLOROOCTADECANE % RECOVERY = 33.74151 %

TOTAL SURROGATE AMOUNT = 0.697167 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.42A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 8:56:44 PM
File reported on: 9/19/2008 at 8:56:43 PM

aSX84 1453

Lancaster Laboratories-Range Data Summary

Sample Name: LCSA 9/2/08P LCSCH Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: State:
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 043 Injected on : 9/19/08 21:12:32 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 044 Injected on : 9/19/08 22:02:50 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	115.9%	Conc.:	2.444363
SS O-TERPHENYL	96.7%	Conc.:	1.933959
1-CHLOROOCTADECANE	*38%	Conc.:	0.808577

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	4755405	17.1461	6	6		ppm
C19-C36	16.20 - 28.47	7441451	25.1510	12	12		ppm
C11-C22	7.69 - 26.07	19503388	3.9953	<12	<12		ppm
C11-C22*MDL	7.69 - 26.07	19503388	3.9953	<12	<12		ppm
Unadjusted C11-C22	7.69 - 26.07	19503388	62.8169	12	12		ppm
Naphthalene	7.78	967117	3.6428	0.5	0.1		ppm
2-Methylnaphthalene	9.32	917766	3.6861	0.5	0.1		ppm
2-Fluorobiphenyl	10.30	560218	2.4444				ppm
Acenapthylene	11.24	918019	3.8198	0.5	0.1		ppm
Acenaphthene	11.67	989737	3.7631	0.5	0.1		ppm
Fluorene	12.81	1002109	3.7805	0.5	0.1		ppm
Phenanthrene	14.88	1027619	3.7969	0.5	0.1		ppm
Anthracene	14.98	946702	3.9822	0.5	0.1		ppm
SS o-Terphenyl	16.07	538187	1.9340				ppm
Fluoranthene	17.53	1074660	3.9967	0.5	0.1		ppm
Pyrene	17.98	1273621	4.5347	0.5	0.1		ppm
Benzo(a)anthracene	20.75	896873	3.3572	0.5	0.1		ppm
Chrysene	20.84	906295	3.4378	0.5	0.1		ppm
Benzo(b)fluoranthene	23.04	1205438 ~~461902~~	4.27 ~~1.6362~~	0.5	0.1		ppm
Benzo(k)fluoranthene	23.09 ~~23.05 - 23.10~~	956815 ~~0~~	3.66 ~~0.0000~~	<0.5	<0.1		ppm
Benzo(a)pyrene	23.61	1015675	4.0018	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.62	963325	3.7207	0.5	0.1		ppm
Dibenzo(a,h)anthrace	25.72	989449	3.7220	0.5	0.1		ppm
Benzo(ghi)perylene	26.00	1053537	3.9431	0.5	0.1		ppm
1-Chlorooctadecane	17.97	183820	0.8086				ppm

Comments:

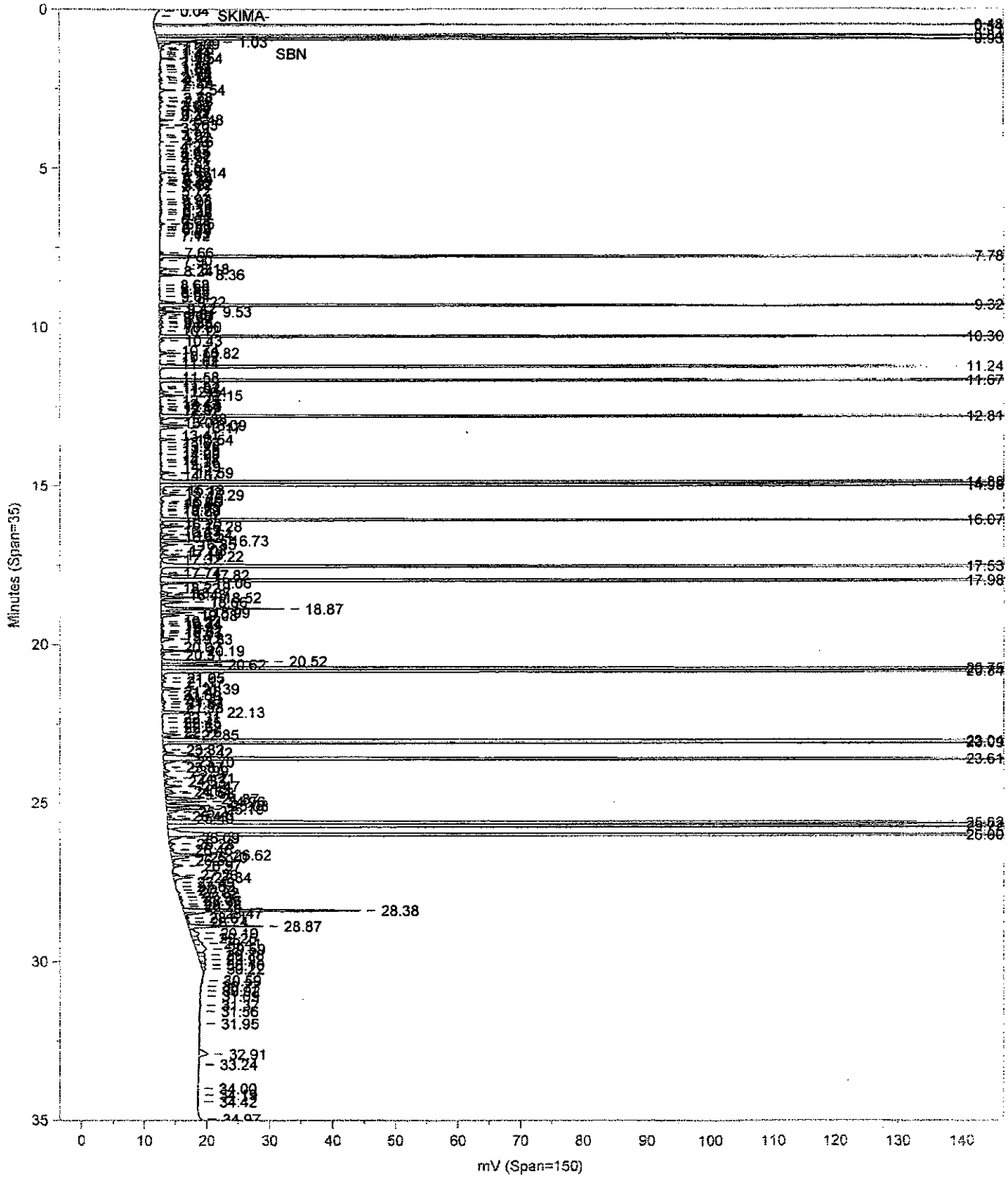
ASX84 1454

Reviewed by: [illegible] Date: 9/23/08
Verified by: [illegible]/375 Date: 9-23-08

MA EPH

LCSA 9/2/08M ABLCSCH LCS 082430018A 05332

C:\CPWIN\DATA1\P262.43R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 9:12:31 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1455

MA EPH

Sample ID: LCSA 9/2/08M ABLCSCH LCS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
65	7.781	Naphthalene	3.64852	968624	.032	487428
75	9.316	2-Methylnaphthalene	3.6985	920856	.033	443496
85	10.296	2-Fluorobiphenyl	2.45112	561766	.033	267005
92	11.241	Acenapthylene	3.824	919041	.033	434627
94	11.674	Acenaphthene	3.77038	991644	.034	454657
104	12.807	Fluorene	3.80046	1007407	.035	448923
120	14.878	Phenanthrene	3.89442	1054007	.038	433727
121	14.978	Anthracene	4.09339	973139	.035	430807
131	16.072	SS o-Terphenyl	1.93898	539585	.037	226862
143	17.534	Fluoranthene	4.00492	1076874	.037	449754
146	17.976	Pyrene	4.58725	1288368	.039	514589
168	20.754	Benzo(a)anthracene	4.09793	1094758	.044	386246
169	20.835	Chrysene	4.03238	1063028	.038	435592
185	23.039	Benzo(b)fluoranthene	4.30568	1215502	.061	327969
189	23.612	Benzo(a)pyrene	4.02853	1022469	.044	364058
205	25.619	Indeno(1,2,3-cd)pyre	3.98174	1030917	.049	333374
206	25.72	Dibenzo(a,h)anthrace	3.96667	1054484	.047	358511
207	26.004	Benzo(ghi)perylene	3.98483	1064692	.044	371457

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	681.097	100.000	19503390.0	51.074

Total slice amount= 681.097
Total slice amount %= 100.0

Total slice area= 19503390.0
Total slice area %= 51.1

********** RESULTS TABLE **********

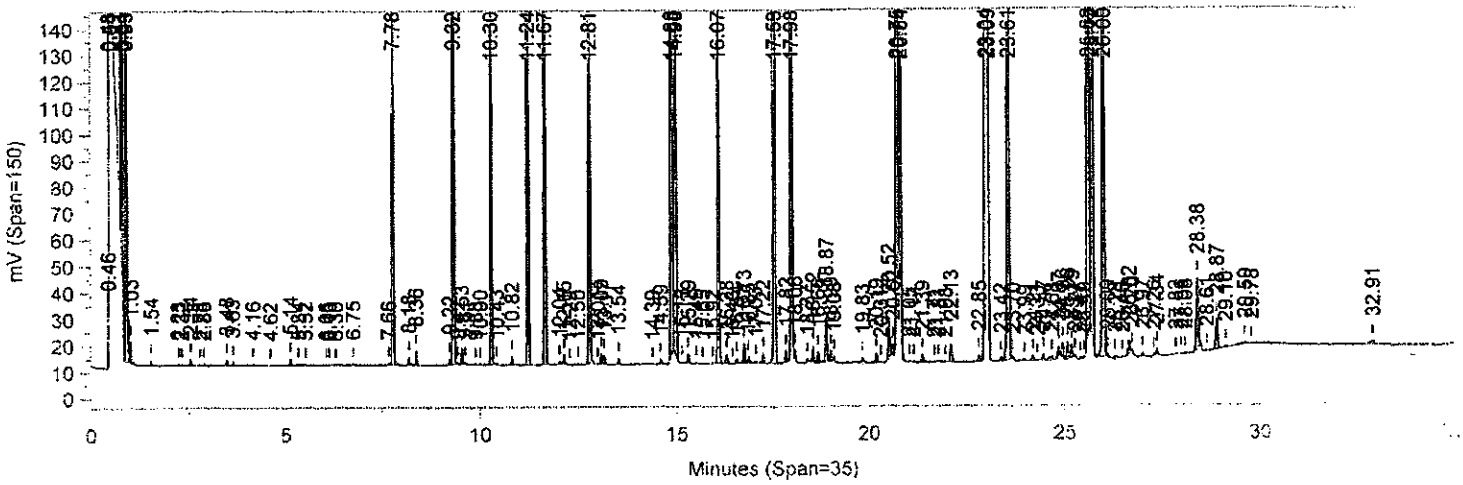
Unadjusted Aromatics AREA (C11- C22) = 1.950339E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 67.19524 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.43A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 9:47:36 PM
File reported on: 9/19/2008 at 9:47:36 PM

ASX04 1456

MA EPH
LCSA 9/2/08M ABLCSCH LCS 082430018A 05332
C:\CPWIN\DATA1\P262.43R



Sample Name:LCSA 9/2/08M ABLCSCH LCS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 9:12:31 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
25	7.781	Naphthalene	3.6428	967117	.032	487277
29	9.316	2-Methylnaphthalene	3.6861	917766	.033	443147
35	10.296	2-Fluorobiphenyl	2.4444	560218	.033	266859
38	11.241	Acenapthylene	3.8198	918019	.033	434555
39	11.674	Acenaphthene	3.7631	989737	.034	454518
44	12.807	Fluorene	3.7805	1002109	.035	448249
51	14.878	Phenanthrene	3.7969	1027619	.038	429468
52	14.978	Anthracene	3.9822	946702	.035	427165
58	16.072	SS o-Terphenyl	1.934	538187	.037	226728
66	17.534	Fluoranthene	3.9967	1074660	.037	449646
68	17.976	Pyrene	4.5347	1273621	.039	512811
81	20.754	Benzo(a)anthracene	3.3572	896873	.043	347512
82	20.835	Chrysene	3.4378	906295	.038	406882
91	23.039	Benzo(b)fluoranthene	1.6362	461902	.06	147426
94	23.612	Benzo(a)pyrene	4.0018	1015675	.044	363300
108	25.619	Indeno(1,2,3-cd)pyre	3.7207	963325	.049	321734
109	25.72	Dibenzo(a,h)anthrace	3.722	989449	.046	350475
110	26.004	Benzo(ghi)perylene	3.9431	1053537	.044	370614

2-FLUOROBIPHENYL % RECOVERY = 116.4648 %
o-TERPHENYL % RECOVERY = 96.69794 %

TOTAL SURROGATE AMOUNT = 4.378322 PPM

Not Used
See Reintegration

FILES:
Area File: C:\CPWIN\DATA1\P262.43A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 9:47:42 PM
File reported on: 9/19/2008 at 9:47:42 PM

ASX04-1457

MA EPH
LCSA 9/2/08M ABLCSCH LCS 082430018A 05332
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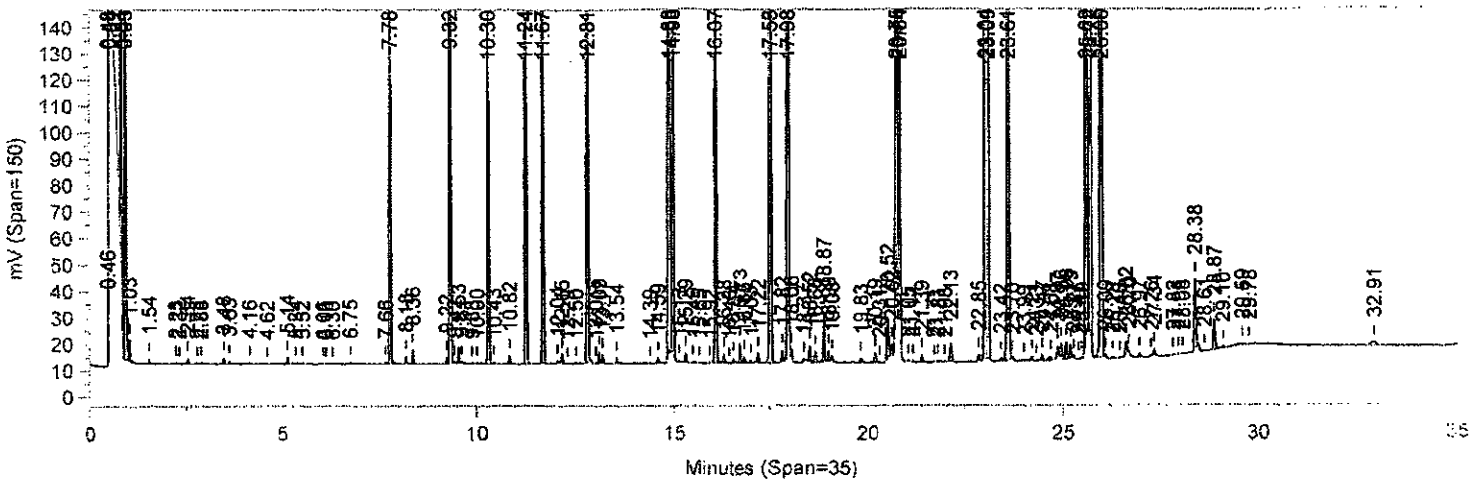


Sample Name:LCSA 9/2/08M ABLCSCH LCS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 9:12:31 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
25	7.781	Naphthalene	3.6428	967117	.032	487277
29	9.316	2-Methylnaphthalene	3.6861	917766	.033	443147
35	10.296	2-Fluorobiphenyl	2.4444	560218	.033	266859
38	11.241	Acenapthylene	3.8198	918019	.033	434555
39	11.674	Acenaphthene	3.7631	989737	.034	454518
44	12.807	Fluorene	3.7805	1002109	.035	448249
51	14.878	Phenanthrene	3.7969	1027619	.038	429468
52	14.978	Anthracene	3.9822	946702	.035	427165
58	16.072	SS o-Terphenyl	1.934	538187	.037	226728
66	17.534	Fluoranthene	3.9967	1074660	.037	449646
68	17.976	Pyrene	4.5347	1273621	.039	512811
81	20.754	Benzo(a)anthracene	3.3572	896873	.043	347512
82	20.835	Chrysene	3.4378	906295	.038	406882
91	23.039	Benzo(b)fluoranthene M	4.27	1205438	.061	326675
92	23.094	Benzo(k)fluoranthene M	3.6635	956815	.043	441080
94	23.612	Benzo(a)pyrene	4.0018	1015675	.044	363300
108	25.619	Indeno(1,2,3-cd)pyre	3.7207	963325	.049	321734
109	25.72	Dibenzo(a,h)anthrace	3.722	989449	.046	350475
110	26.004	Benzo(ghi)perylene	3.9431	1053537	.044	370614

2-FLUOROBIPHENYL % RECOVERY = 116.4648 %
o-TERPHENYL % RECOVERY = 96.69794 %

TOTAL SURROGATE AMOUNT = 4.378322 PPM

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

[illegible] 9/22/08

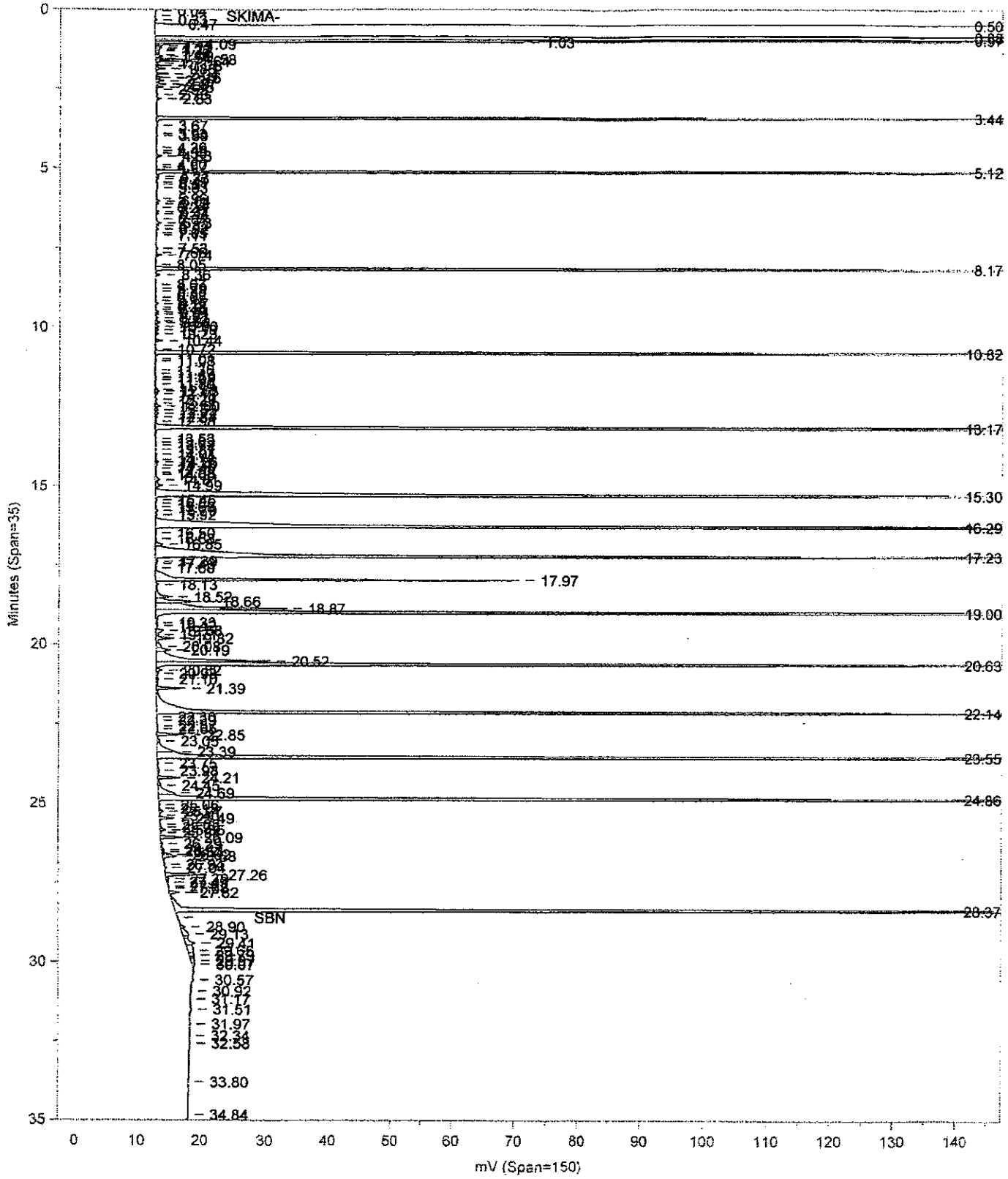
ASX84 1458

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 11:31:08 AM
File reported on: 9/22/2008 at 11:31:08 AM

MA EPH

LCSA 9/2/08P ACLCSCH LCS 082430018A 05332

C:\CPWIN\DATA1\P262.44R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 10:02:49 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX84 1459

MA EPH

Sample ID: LCSA 9/2/08P ACLCSCH LCS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
29	3.439	C-9	2.6217	623013	.032	306328
39	5.122	C-10	3.0994	737493	.033	346971
61	8.173	C-12	3.2893	783832	.035	351602
81	10.821	C-14	3.3877	810511	.038	334626
99	13.174	C-16	3.4695	842219	.041	309748
113	15.298	C-18	3.5162	872594	.043	281543
119	16.285	C-19	3.4863	863501	.042	276872
123	17.226	C-20	3.5242	880855	.043	276574
127	17.971	1-Chlorooctadecane	.8162	185547	.044	57966
132	18.996	C-22	3.3229	804576	.045	274899
141	20.628	C-24	3.4426	812430	.046	275500
146	22.139	C-26	3.6792	890941	.046	278456
154	23.545	C-28	3.5847	855610	.048	270891
160	24.862	C-30	3.4414	845671	.05	259381
184	28.367	C-36	3.3891	803220	.052	237165

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	193.838	40.324	4755406.0	12.408
2	16.200	28.470	286.865	59.676	7441452.0	19.416

Total slice amount= 480.704
Total slice amount %= 100.0

Total slice area= 12196860.0
Total slice area %= 31.8

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 4755406
Unadjusted Aliphatics AMOUNT (C9- <C19) = 17.14606 PPM

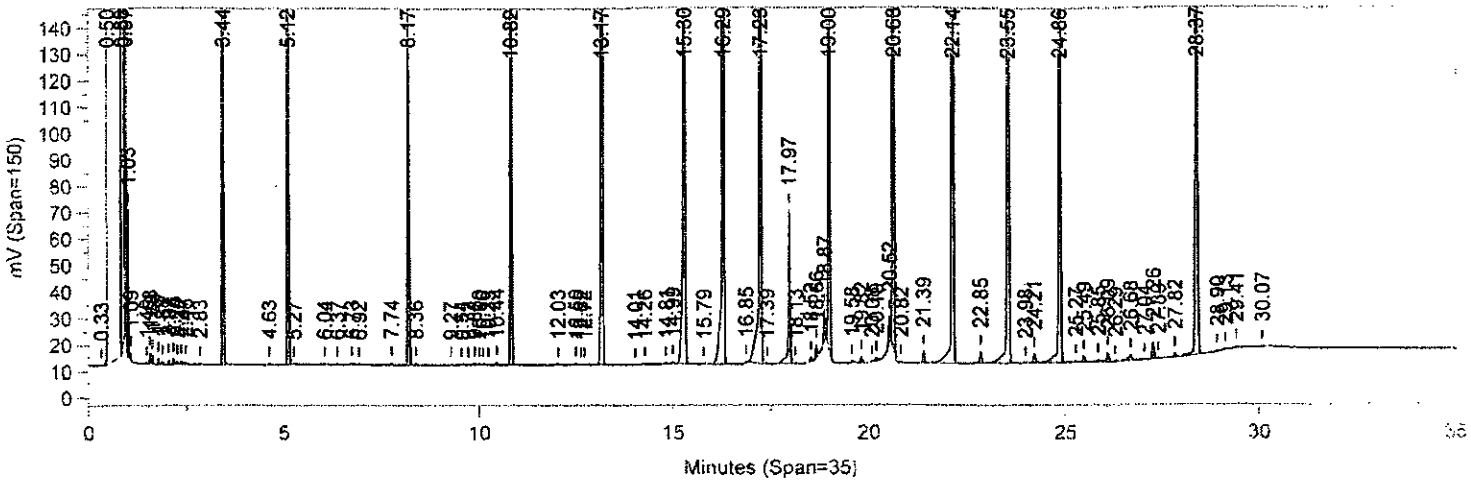
Unadjusted Aliphatics AREA (C19- C36) = 7441452
Unadjusted Aliphatics AMOUNT (C19- C36) = 25.95956 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.44A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 10:37:52 PM
File reported on: 9/19/2008 at 10:37:52 PM

ASX84 1460

MA EPH
LCSA 9/2/08P ACLCSCH LCS 082430018A 05332
——— C:\CPWIN\DATA1\P262.44R



Sample Name:LCSA 9/2/08P ACLCSCH LCS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:02:49 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
18	3.439	C-9	2.6185	622252	.032	306295
20	5.122	C-10	3.0963	736772	.033	346916
27	8.173	C-12	3.2882	783558	.035	351587
37	10.821	C-14	3.3841	809649	.038	334555
42	13.174	C-16	3.463	840653	.041	309670
47	15.298	C-18	3.505	869823	.043	281420
49	16.285	C-19	3.4826	862586	.042	276836
51	17.226	C-20	3.475	868561	.043	276269
53	17.971	1-Chlorooctadecane	.8086	183820	.044	57899
58	18.996	C-22	3.1053	751866	.045	269404
64	20.628	C-24	3.2436	765461	.046	270295
67	22.139	C-26	3.6542	884887	.046	278418
69	23.545	C-28	3.6847	879476	.048	270869
72	24.862	C-30	3.5354	868783	.05	259332
83	28.367	C-36	3.3845	802141	.052	237151

1-CHLOROOCTADECANE % RECOVERY = 39.13352 %

TOTAL SURROGATE AMOUNT = 0.8085768 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.44A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 10:38:00 PM
File reported on: 9/19/2008 at 10:37:58 PM

ASX04 1461

Lancaster Laboratories-Range Data Summary

Sample Name: LCSDA 9/2/08P LCSDF0 Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: State:
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 045 Injected on : 9/19/08 22:52:45 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 046 Injected on : 9/19/08 23:42:36 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	122.1%	Conc.:	2.576236
SS O-TERPHENYL	105.9%	Conc.:	2.117559
1-CHLOROOCTADECANE	*39.5%	Conc.:	0.839681

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	5190766	18.7158	6	6		ppm
C19-C36	16.20 - 28.47	8098334	27.4114	12	12		ppm
C11-C22	7.69 - 26.07	21724818	4.2894	<12	<12		ppm
C11-C22*MDL	7.69 - 26.07	21724818	4.2894	<12	<12		ppm
Unadjusted C11-C22	7.69 - 26.07	21724818	70.1549	12	12		ppm
Naphthalene	7.78	1092649	4.1157	0.5	0.1		ppm
2-Methylnaphthalene	9.32	1046561	4.2034	0.5	0.1		ppm
2-Fluorobiphenyl	10.29	590441	2.5762				ppm
Acenapthylene	11.24	1058829	4.4056	0.5	0.1		ppm
Acenaphthene	11.67	1131615	4.3026	0.5	0.1		ppm
Fluorene	12.81	1150375	4.3398	0.5	0.1		ppm
Phenanthrene	14.88	1152310	4.2576	0.5	0.1		ppm
Anthracene	14.98	1069771	4.4999	0.5	0.1		ppm
SS o-Terphenyl	16.07	589280	2.1176				ppm
Fluoranthene	17.53	1193927	4.4402	0.5	0.1		ppm
Pyrene	17.98	1409408	5.0182	0.5	0.1		ppm
Benzo(a)anthracene	20.75	1001024	3.7471	0.5	0.1		ppm
Chrysene	20.84	1011769	3.8379	0.5	0.1		ppm
Benzo(b)fluoranthene	23.04	1236208 ~~472543~~	4.38 ~~1.6739~~	0.5	0.1		ppm
Benzo(k)fluoranthene	23.095 ~~23.05 - 23.10~~	1183612 ~~0~~	4.53 ~~0.0000~~	0.5 ~~<0.5~~	<0.1		ppm
Benzo(a)pyrene	23.61	1128977	4.4482	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.62	1062254	4.1028	0.5	0.1		ppm
Dibenzo(a,h)anthrace	25.72	1090856	4.1035	0.5	0.1		ppm
Benzo(ghi)perylene	26.01	1167391	4.3692	0.5	0.1		ppm
1-Chlorooctadecane	17.97	190892	0.8397				ppm

Comments:

ASX84 1462

Reviewed by: [signature] Date: 9/23/08
Verified by: [signature] 375 Date: 9-23-08

MA EPH

LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332

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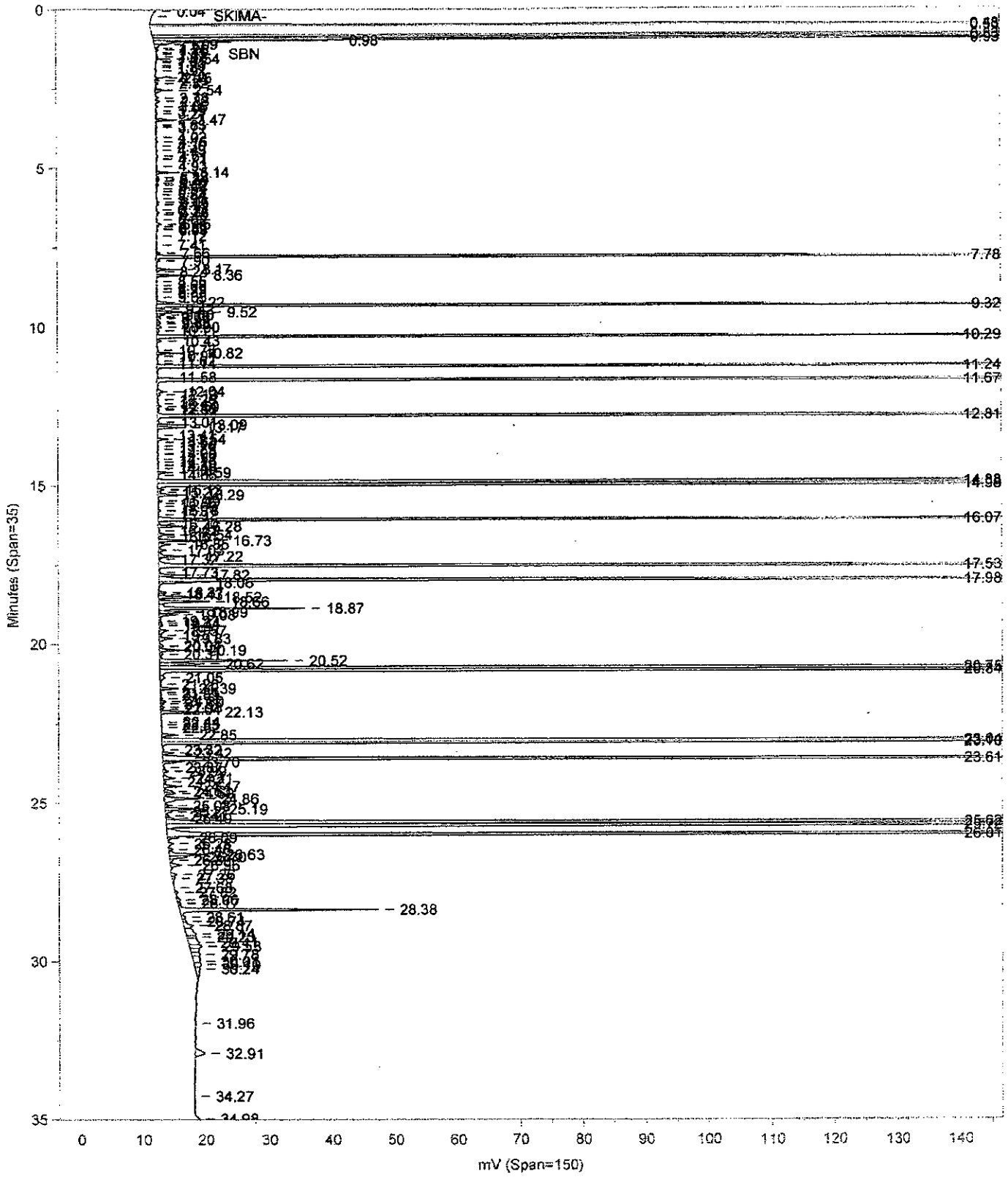


Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:52:44 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASXB4 1463

MA EPH

Sample ID: LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
62	7.782	Naphthalene	4.123	1094591	.031	555802
73	9.316	2-Methylnaphthalene	4.21831	1050279	.032	508497
83	10.294	2-Fluorobiphenyl	2.58476	592396	.033	283433
90	11.242	Acenapthylene	4.41221	1060406	.034	490256
92	11.674	Acenaphthene	4.30973	1133499	.033	527056
100	12.808	Fluorene	4.34573	1151945	.036	515703
116	14.88	Phenanthrene	4.37327	1183606	.037	496928
117	14.981	Anthracene	4.62812	1100263	.036	484817
126	16.073	SS o-Terphenyl	2.12095	590222	.038	245593
137	17.534	Fluoranthene	4.44374	1194866	.039	475780
140	17.977	Pyrene	5.07524	1425425	.039	565519
161	20.753	Benzo(a)anthracene	4.51724	1206774	.045	415112
162	20.837	Chrysene	4.50557	1187770	.04	467258
178	23.037	Benzo(b)fluoranthene	4.38579	1238116	.055	363868
182	23.614	Benzo(a)pyrene	4.48207	1137580	.043	404945
197	25.62	Indeno(1,2,3-cd)pyre	4.41789	1143841	.05	359990
198	25.724	Dibenzo(a,h)anthrace	4.39831	1169230	.046	398220
199	26.007	Benzo(ghi)perylene	4.41758	1180318	.046	397261

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	757.595	100.000	21724810.0	51.790

Total slice amount= 757.595
Total slice amount %= 100.0

Total slice area= 21724810.0
Total slice area %= 51.8

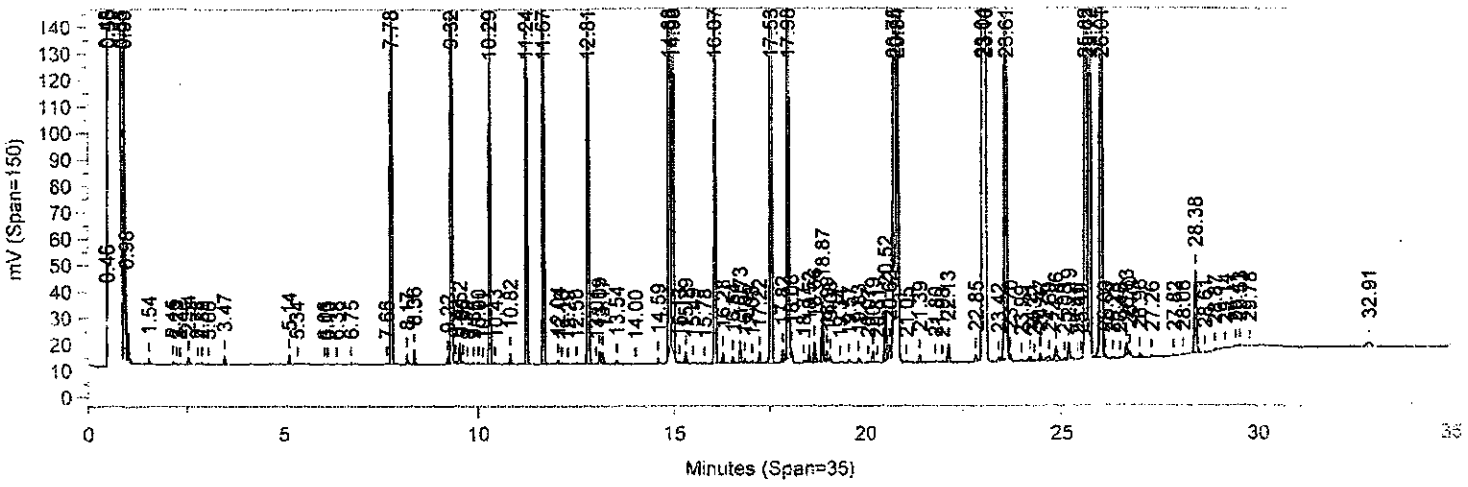
********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.172481E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 74.84873 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.45A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 11:27:48 PM
File reported on: 9/19/2008 at 11:27:48 PM

MA EPH
LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332
C:\CPWIN\DATA1\P262.45R



Sample Name:LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 10:52:44 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
23	7.782	Naphthalene	4.1157	1092649	.031	555600
27	9.316	2-Methylnaphthalene	4.2034	1046561	.032	508056
35	10.294	2-Fluorobiphenyl	2.5762	590441	.033	283261
38	11.242	Acenapthylene	4.4056	1058829	.034	490158
39	11.674	Acenaphthene	4.3026	1131615	.033	526878
44	12.808	Fluorene	4.3398	1150375	.036	515599
51	14.88	Phenanthrene	4.2576	1152310	.037	491845
52	14.981	Anthracene	4.4999	1069771	.036	480833
57	16.073	SS o-Terphenyl	2.1176	589280	.038	245515
64	17.534	Fluoranthene	4.4402	1193927	.039	475738
66	17.977	Pyrene	5.0182	1409408	.039	563621
82	20.753	Benzo(a)anthracene	3.7471	1001024	.045	372914
83	20.837	Chrysene	3.8379	1011769	.04	438505
90	23.037	Benzo(b)fluoranthene	1.6739	472543	.054	157593
93	23.614	Benzo(a)pyrene	4.4482	1128977	.043	403928
105	25.62	Indeno(1,2,3-cd)pyre	4.1028	1062254	.05	345170
106	25.724	Dibenzo(a,h)anthrace	4.1035	1090856	.046	388542
107	26.007	Benzo(ghi)perylene	4.3692	1167391	.046	396310

2-FLUOROBIPHENYL % RECOVERY = 122.7481 %
o-TERPHENYL % RECOVERY = 105.878 %

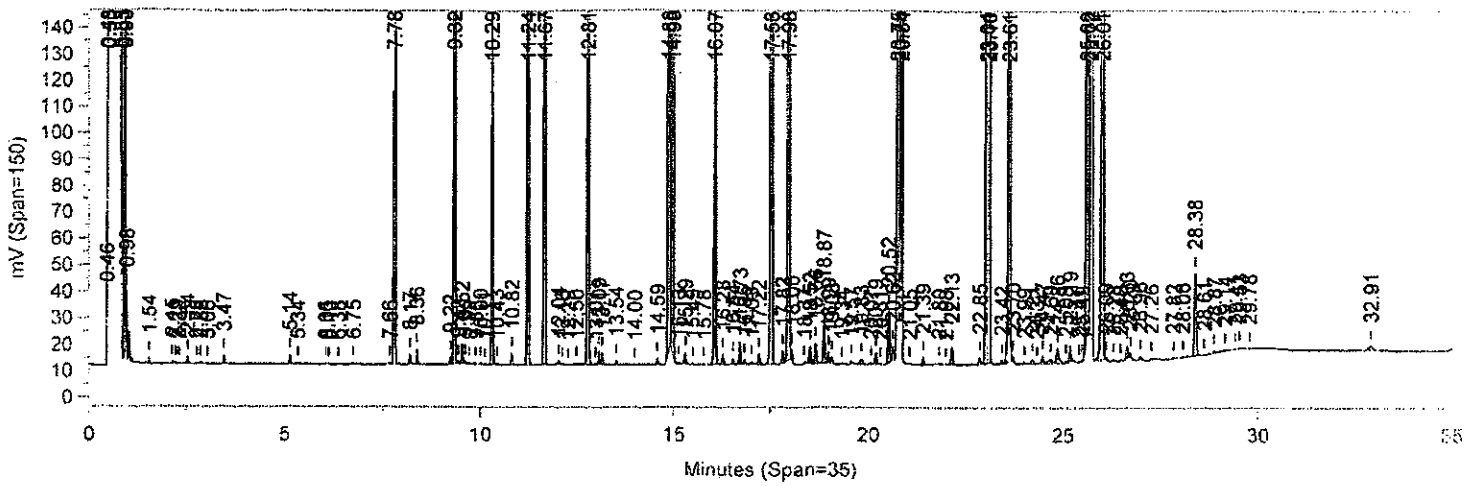
TOTAL SURROGATE AMOUNT = 4.693796 PPM

Not Used
See Reintegration

FILES:
Area File: C:\CPWIN\DATA1\P262.45A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 11:27:56 PM
File reported on: 9/19/2008 at 11:27:54 PM

ASX04 1465

MA EPH
LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332
C:\CPWIN\DATA1\P262.45R



Sample Name:LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 10:52:44 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
23	7.782	Naphthalene	4.1157	1092649	.031	555600
27	9.316	2-Methylnaphthalene	4.2034	1046561	.032	508056
35	10.294	2-Fluorobiphenyl	2.5762	590441	.033	283261
38	11.242	Acenapthylene	4.4056	1058829	.034	490158
39	11.674	Acenaphthene	4.3026	1131615	.033	526878
44	12.808	Fluorene	4.3398	1150375	.036	515599
51	14.88	Phenanthrene	4.2576	1152310	.037	491845
52	14.981	Anthracene	4.4999	1069771	.036	480833
57	16.073	SS o-Terphenyl	2.1176	589280	.038	245515
64	17.534	Fluoranthene	4.4402	1193927	.039	475738
66	17.977	Pyrene	5.0182	1409408	.039	563621
82	20.753	Benzo(a)anthracene	3.7471	1001024	.045	372914
83	20.837	Chrysene	3.8379	1011769	.04	438505
90	23.037	Benzo(b)fluoranthene M	4.379	1236208	.055	363479
91	23.095	Benzo(k)fluoranthene M	4.5318	1183612	.05	495907
93	23.614	Benzo(a)pyrene	4.4482	1128977	.043	403928
105	25.62	Indeno(1,2,3-cd)pyre	4.1028	1062254	.05	345170
106	25.724	Dibenzo(a,h)anthrace	4.1035	1090856	.046	388542
107	26.007	Benzo(ghi)perylene	4.3692	1167391	.046	396310

2-FLUOROBIPHENYL % RECOVERY = 122.7481 %
o-TERPHENYL % RECOVERY = 105.878 %

TOTAL SURROGATE AMOUNT = 4.693796 PPM

M = Manually Integrated
Analyst 6min 9/22/08
Approved by RLB/375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

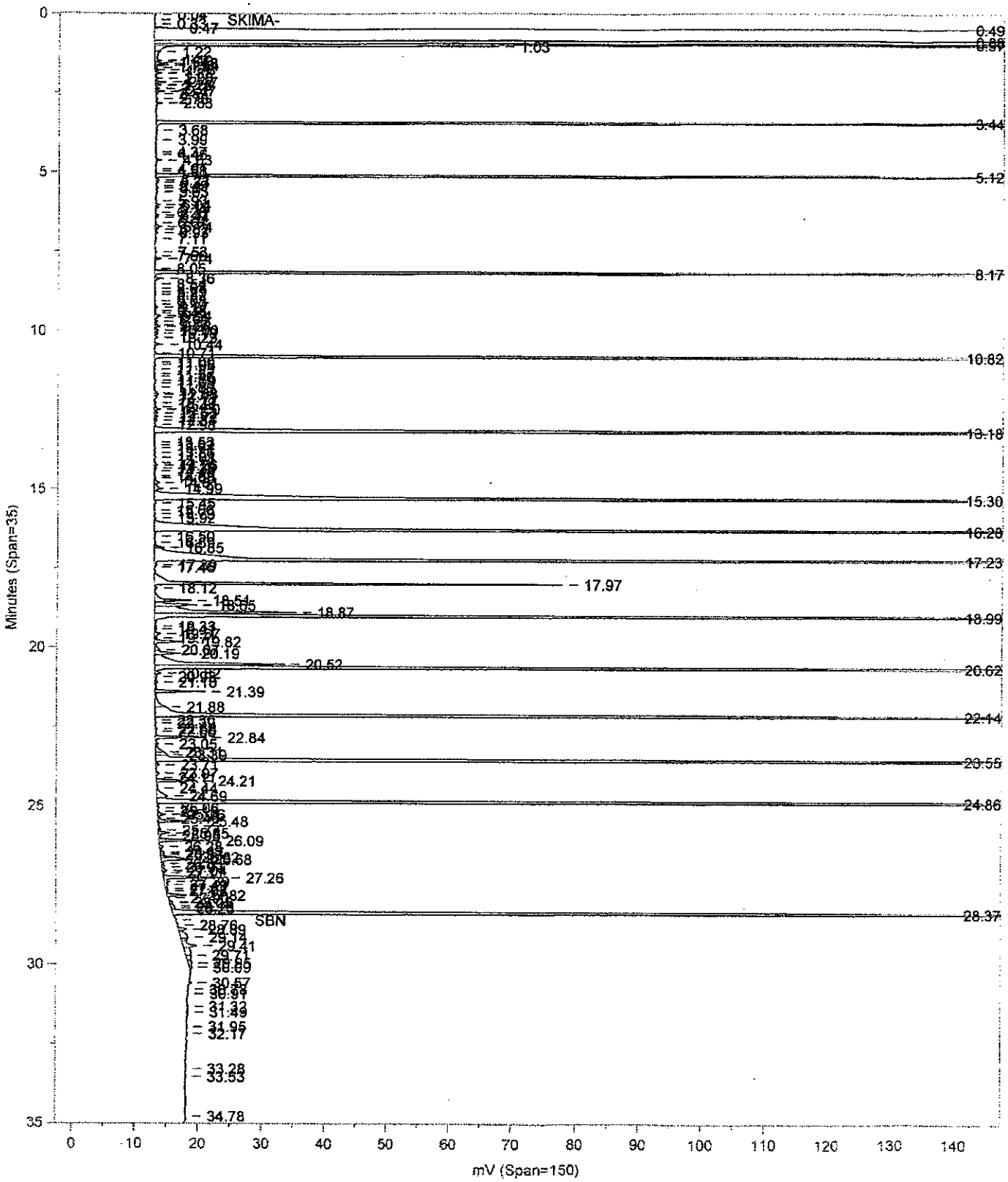
FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 11:42:32 AM
File reported on: 9/22/2008 at 11:42:31 AM

ASX04 1466

MA EPH

LCSDA 9/2/08P ACLCSDF0 LCSD 082430018A 05332

C:\CPWIN\DATA1\P262.46R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 11:42:35 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX04 1467

MA EPH

Sample ID: LCSDA 9/2/08P ACLCSDF0 LCSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
24	3.44	C-9	2.8975	688543	.032	337735
32	5.122	C-10	3.3517	797542	.033	377552
53	8.173	C-12	3.5862	854569	.036	372408
74	10.822	C-14	3.7118	888049	.039	353387
93	13.177	C-16	3.7955	921360	.041	335287
107	15.298	C-18	3.7972	942330	.04	322146
112	16.284	C-19	3.7493	928647	.041	308806
116	17.226	C-20	3.7865	946435	.043	306901
119	17.969	1-Chlorooctadecane	.8511	193481	.042	65829
124	18.995	C-22	3.6336	879801	.043	312336
133	20.623	C-24	3.8118	899549	.045	307308
139	22.136	C-26	3.9303	951740	.047	309589
148	23.545	C-28	3.9213	935947	.048	305884
155	24.86	C-30	3.7557	922906	.048	298982
184	28.366	C-36	3.5322	837134	.052	250933

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	211.399	40.567	5190766.0	13.201
2	16.200	28.470	309.717	59.433	8098335.0	20.596

Total slice amount= 521.116
Total slice amount %= 100.0

Total slice area= 13289100.0
Total slice area %= 33.8

********** RESULTS TABLE **********

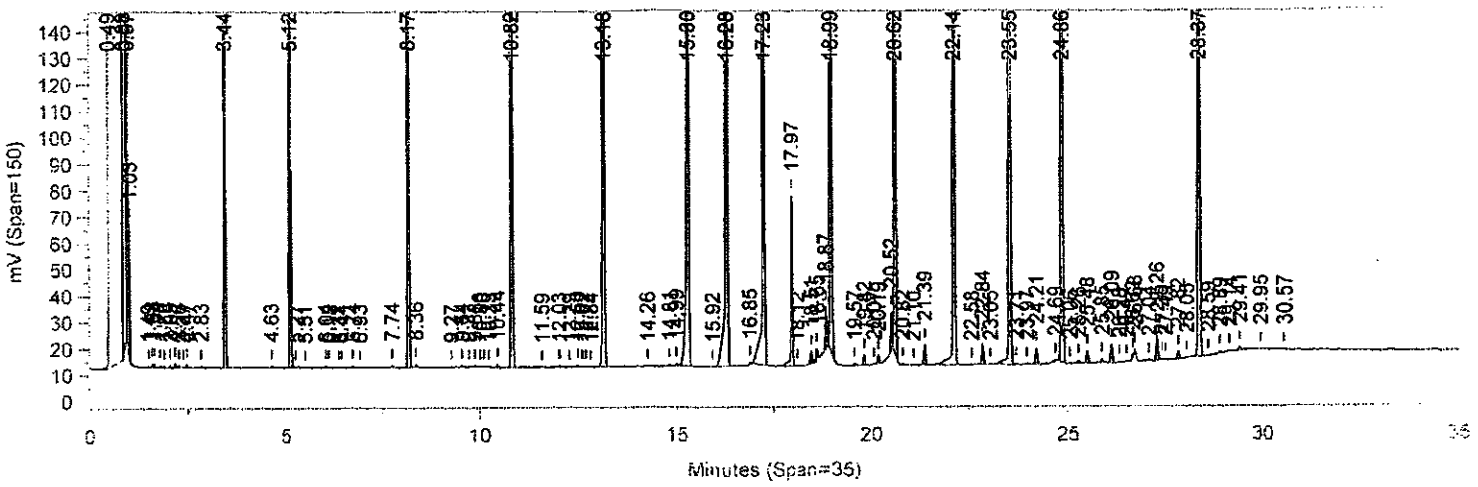
Unadjusted Aliphatics AREA (C9- <C19) = 5190766
Unadjusted Aliphatics AMOUNT (C9- <C19) = 18.7158 PPM

Unadjusted Aliphatics AREA (C19- C36) = 8098335
Unadjusted Aliphatics AMOUNT (C19- C36) = 28.2511 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.46A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/20/2008 12:17:40 AM
File reported on: 9/20/2008 at 12:17:39 AM

MA EPH
LCSDA 9/2/08P ACLCSDF0 LCSD 082430018A 05332
C:\CPWIN\DATA1\P262.46R



Sample Name:LCSDA 9/2/08P ACLCSDF0 LCSD 082430018A 05332A

Instrument ID:CP25--H6610A
Injected on: 9/19/2008 11:42:35 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
16	3.44	C-9	2.8948	687905	.032	337713
18	5.122	C-10	3.3488	796851	.033	377500
28	8.173	C-12	3.5843	854121	.036	372384
38	10.822	C-14	3.7118	888058	.039	353351
46	13.177	C-16	3.7885	919674	.041	335185
50	15.298	C-18	3.7808	938251	.04	321980
52	16.284	C-19	3.7392	926142	.041	308673
54	17.226	C-20	3.7117	927733	.043	306499
55	17.969	1-Chlorooctadecane	.8397	190892	.042	65786
60	18.995	C-22	3.4443	833954	.043	307675
66	20.623	C-24	3.6412	859304	.045	302671
70	22.136	C-26	3.9707	961533	.047	309568
74	23.545	C-28	3.9762	949037	.048	305835
79	24.86	C-30	3.723	914877	.048	298382
95	28.366	C-36	3.5377	838450	.052	250841

1-CHLOROOCTADECANE % RECOVERY = 40.63892 %

TOTAL SURROGATE AMOUNT = 0.8396813 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.46A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/20/2008 12:17:46 AM
File reported on: 9/20/2008 at 12:17:45 AM

6SX04 1469

Lancaster Laboratories-Range Data Summary

Sample Name: 5454445P AMS33 Sample ID: AC **Batchnumber:** 082430018A
Sample Amount 10. Total Volume: 1. ml Analyst: 375 SDG: ASX05 State: DE
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 033 Injected on : 9/19/08 12:43:01 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 034 Injected on : 9/19/08 13:33:01 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	101.8%	Conc.:	2.146683
SS O-TERPHENYL	80.6%	Conc.:	1.612774
1-CHLOROOCTADECANE	44.4%	Conc.:	0.944587

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	775512	2.7962	<6	<6		ppm
C19-C36	16.20 - 28.47	60586775	210.4129	12	12		ppm
C11-C22	7.69 - 26.07	15381579	49.2349	12	12		ppm
C11-C22*MDL	7.69 - 26.07	15381579	47.1343	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	15381579	49.2349	12	12		ppm
Naphthalene	7.78	2982	0.0112	<0.5	<0.1		ppm
2-Methylnaphthalene	9.31	7935	0.0319	<0.5	<0.1		ppm
2-Fluorobiphenyl	10.30	491993	2.1467				ppm
Acenapthylene	11.24	21924	0.0912	<0.5	<0.1		ppm
Acenaphthene	11.67	775	0.0029	<0.5	<0.1		ppm
Fluorene	12.83	1677	0.0063	<0.5	<0.1		ppm
Phenanthrene	14.87	7149	0.0264	<0.5	<0.1		ppm
Anthracene	14.97	15798	0.0665	<0.5	<0.1		ppm
SS o-Terphenyl	16.07	448807	1.6128				ppm
Fluoranthene	17.52	13442	0.0500	<0.5	<0.1		ppm
Pyrene	17.97	131717	0.4690	<0.5	0.1	J	ppm
Benzo(a)anthracene	20.73	41710	0.1561	<0.5	0.1	J	ppm
Chrysene	20.82	89042	0.3378	<0.5	0.1	J	ppm
Benzo(b)fluoranthene	23.02	103971	0.3683	<0.5	0.1	J	ppm
Benzo(k)fluoranthene	23.05 - 23.10	0	0.0000	<0.5	<0.1		ppm
Benzo(a)pyrene	23.58	82637	0.3256	<0.5	0.1	J	ppm
Indeno(1,2,3-cd)pyre	25.58	55993	0.2163	<0.5	0.1	J	ppm
Dibenzo(a,h)anthrace	25.69	19553	0.0736	<0.5	<0.1		ppm
Benzo(ghi)perylene	25.96	60797	0.2275	<0.5	0.1	J	ppm
1-Chlorooctadecane	17.97	214741	0.9446				ppm

Comments: [illegible] 2.1005

ASX84 1478

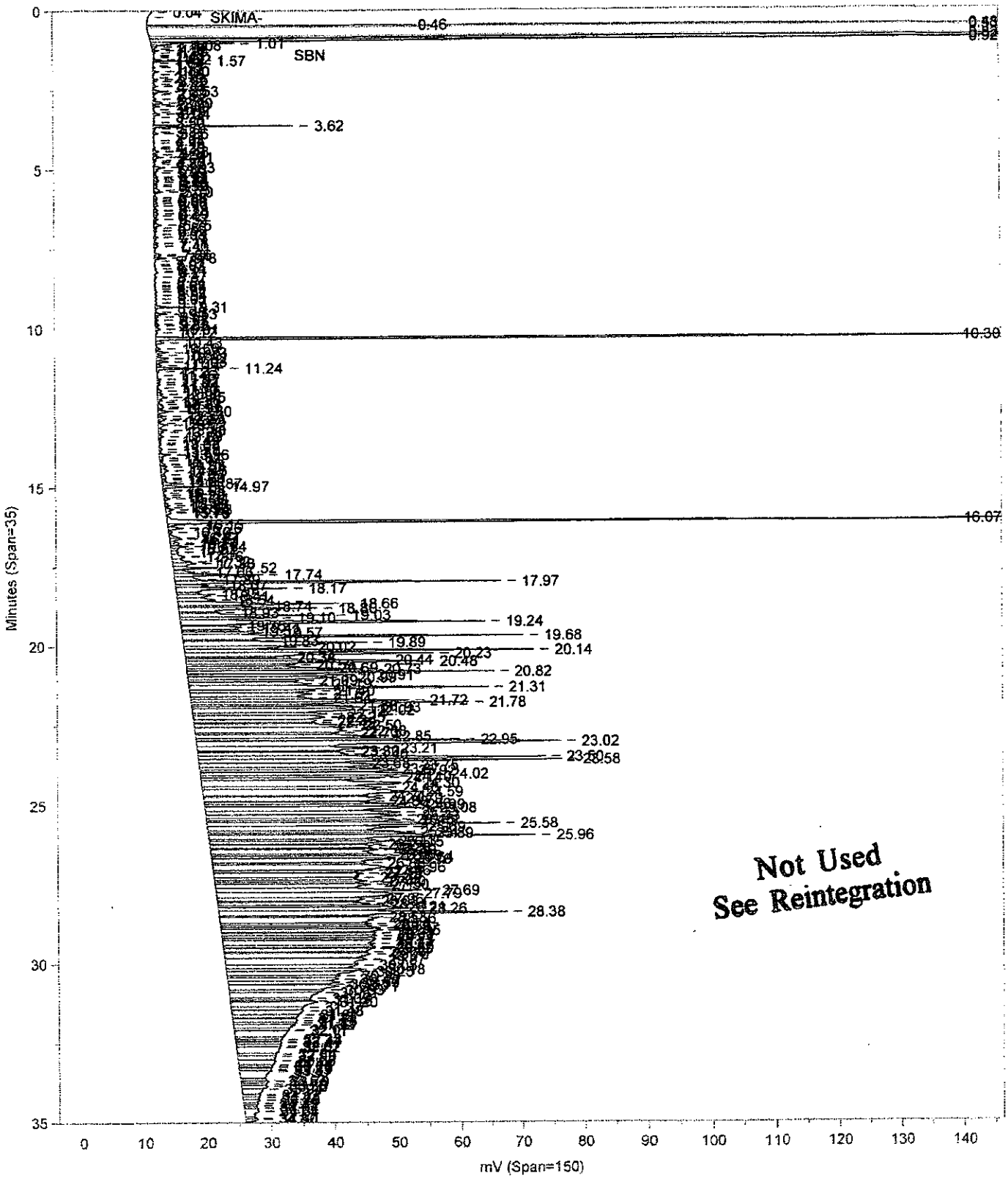
Reviewed by: [illegible] Date: 9/23/08
Verified by: [illegible] Date: 9/24/08

9/22/08 12:52

MA EPH

5454445M ABAMS33 T 082430018A 05332

C:\CPWIN\DATA1\P262.33R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 12:43:00 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

MA EPH

Sample ID: 5454445M ABAMS33 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
82	7.776	Naphthalene	.01694	4498	.031	1963
97	9.311	2-Methylnaphthalene	.03608	8984	.033	3640
106	10.295	2-Fluorobiphenyl	2.15503	493905	.033	232860
114	11.236	Acenapthylene	.0984	23649	.034	10824
118	11.668	Acenaphthene	.00663	1742	.033	524
131	12.826	Fluorene	.01564	4146	.048	1331
153	14.867	Phenanthrene	.03233	8751	.034	3336
154	14.966	Anthracene	.07721	18356	.035	7525
166	16.073	SS o-Terphenyl	1.64968	459077	.039	180069
180	17.517	Fluoranthene	.08721	23449	.039	7086
184	17.968	Pyrene	.55696	156426	.044	51723
213	20.728	Benzo(a)anthracene	.36254	96852	.044	27600
214	20.816	Chrysene	.72617	191435	.044	48599
237	23.02	Benzo(b)fluoranthene	1.31307	370681	.076	57979
243	23.585	Benzo(a)pyrene	.95902	243406	.042	57758
264	25.584	Indeno(1,2,3-cd)pyre	.8986	232658	.041	46384
265	25.689	Dibenzo(a,h)anthrace	.94194	250402	.041	31317
268	25.961	Benzo(ghi)perylene	1.15335	308161	.043	51900

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	110.868	100.000	12351830.0	31.174

Total slice amount= 110.868 Total slice area= 12351830.0
Total slice amount %= 100.0 Total slice area %= 31.2

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.235183E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 42.5559 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.33A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 1:18:04 PM
File reported on: 9/19/2008 at 1:18:05 PM

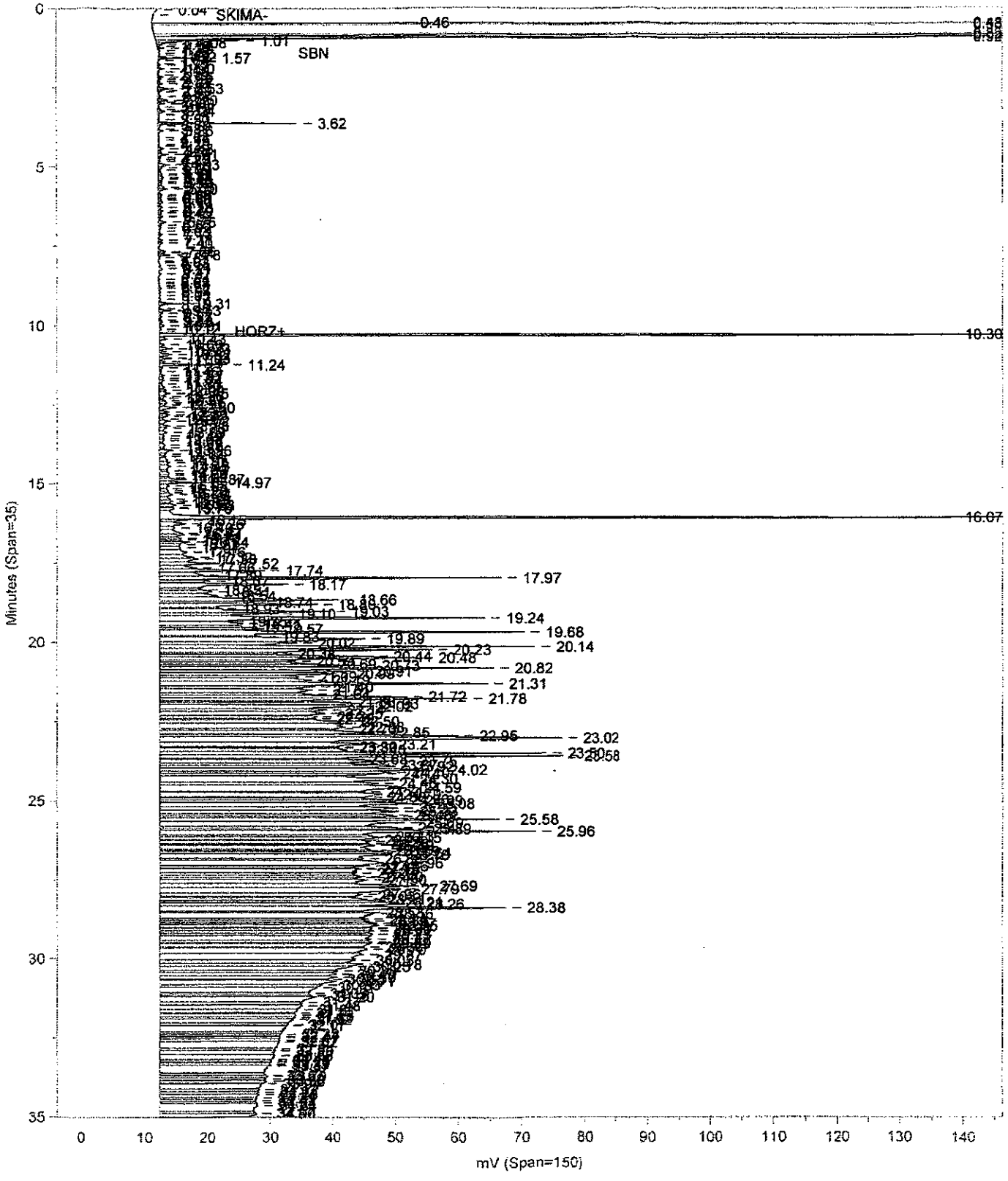
Not Used
See Reintegration

ASX84 1472

MA EPH

5454445M ABAMS33 T 082430018A 05332

C:\CPWIN\DATA1\P262.33R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 12:43:00 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

MA EPH

Sample ID: 5454445M ABAMS33 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
82	7.776	Naphthalene	.01694	4498	.031	1963
97	9.311	2-Methylnaphthalene	.03572	8894	.033	3628
106	10.295	2-Fluorobiphenyl	2.15482	493857	.033	232857
114	11.236	Acenapthylene	.10088	24245	.034	10913
118	11.668	Acenaphthene	.00945	2485	.033	656
131	12.826	Fluorene	.02022	5360	.048	1593
153	14.867	Phenanthrene	.04887	13225	.034	4229
154	14.966	Anthracene	.10365	24642	.035	8468
166	16.073	SS o-Terphenyl	1.74257	484928	.039	181673
180	17.517	Fluoranthene	.14968	40247	.039	9606
184	17.968	Pyrene	.63029	177022	.044	54528
213	20.728	Benzo(a)anthracene	.43646	116600	.044	32156
214	20.816	Chrysene	.83701	220654	.044	53211
237	23.02	Benzo(b)fluoranthene	1.52684	431029	.076	63989
243	23.585	Benzo(a)pyrene	1.12651	285916	.042	64123
264	25.584	Indeno(1,2,3-cd)pyre	1.10504	286108	.041	54018
265	25.689	Dibenzo(a,h)anthrace	1.21305	322473	.041	39017
268	25.961	Benzo(ghi)perylene	1.42912	381842	.043	59773

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	126.871	100.000	15381580.0	31.799

Total slice amount= 126.871
Total slice amount %= 100.0

Total slice area= 15381580.0
Total slice area %= 31.8

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 1.538158E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 52.99432 PPM*

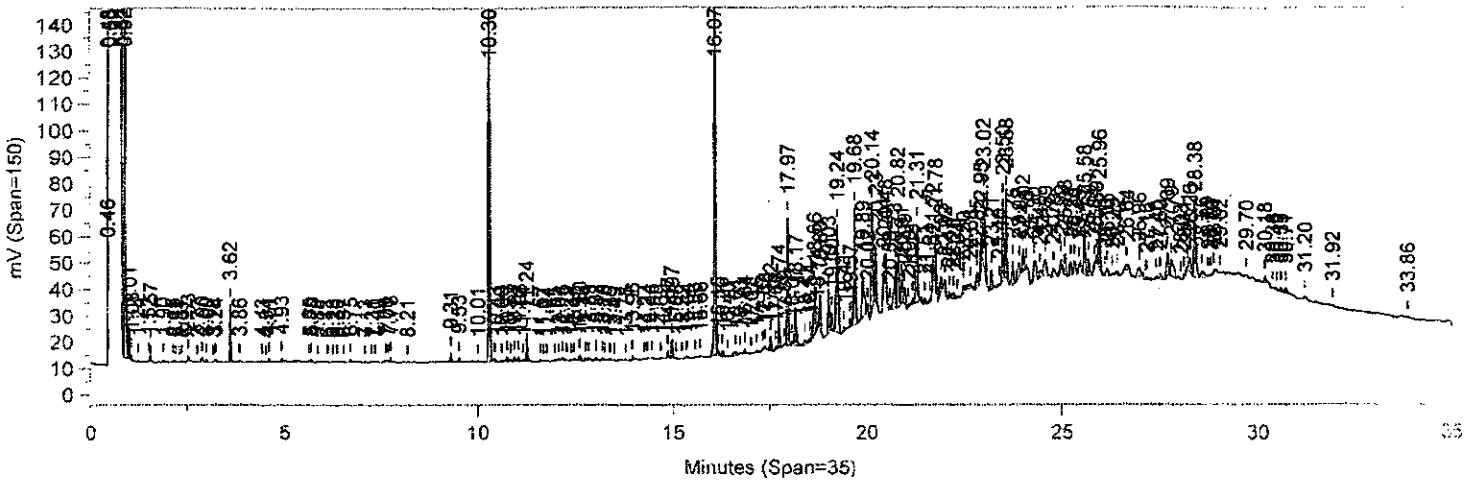
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 10:53:38 AM
File reported on: 9/22/2008 at 10:53:39 AM

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other _____

ASX04 1474

MA EPH
5454445M ABAMS33 T 082430018A 05332
C:\CPWIN\DATA1\P262.33R



Sample Name:5454445M ABAMS33 T 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 12:43:00 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
41	7.776	Naphthalene	.0112	2982	.031	1672
43	9.311	2-Methylnaphthalene	.0319	7935	.033	3506
46	10.295	2-Fluorobiphenyl	2.1467	491993	.033	232642
54	11.236	Acenapthylene	.0912	21924	.033	10558
56	11.668	Acenaphthene	.0029	775	.033	358
66	12.826	Fluorene	.0063	1677	.046	698
78	14.867	Phenanthrene	.0264	7149	.037	2864
79	14.966	Anthracene	.0665	15798	.035	7142
85	16.073	SS o-Terphenyl	1.6128	448807	.039	179070
96	17.517	Fluoranthene	.05	13442	.039	5585
100	17.968	Pyrene	.469	131717	.044	48325
121	20.728	Benzo(a)anthracene	.1561	41710	.045	12113
122	20.816	Chrysene	.3378	89042	.044	32466
141	23.02	Benzo(b)fluoranthene	.3683	103971	.074	27937
145	23.585	Benzo(a)pyrene	.3256	82637	.042	33140
159	25.584	Indeno(1,2,3-cd)pyre	.2163	55993	.041	21112
160	25.689	Dibenzo(a,h)anthrace	.0736	19553	.041	6671
163	25.961	Benzo(ghi)perylene	.2275	60797	.043	24263

2-FLUOROBIPHENYL % RECOVERY = 102.2815 %
o-TERPHENYL % RECOVERY = 80.63868 %

TOTAL SURROGATE AMOUNT = 3.759457 PPM

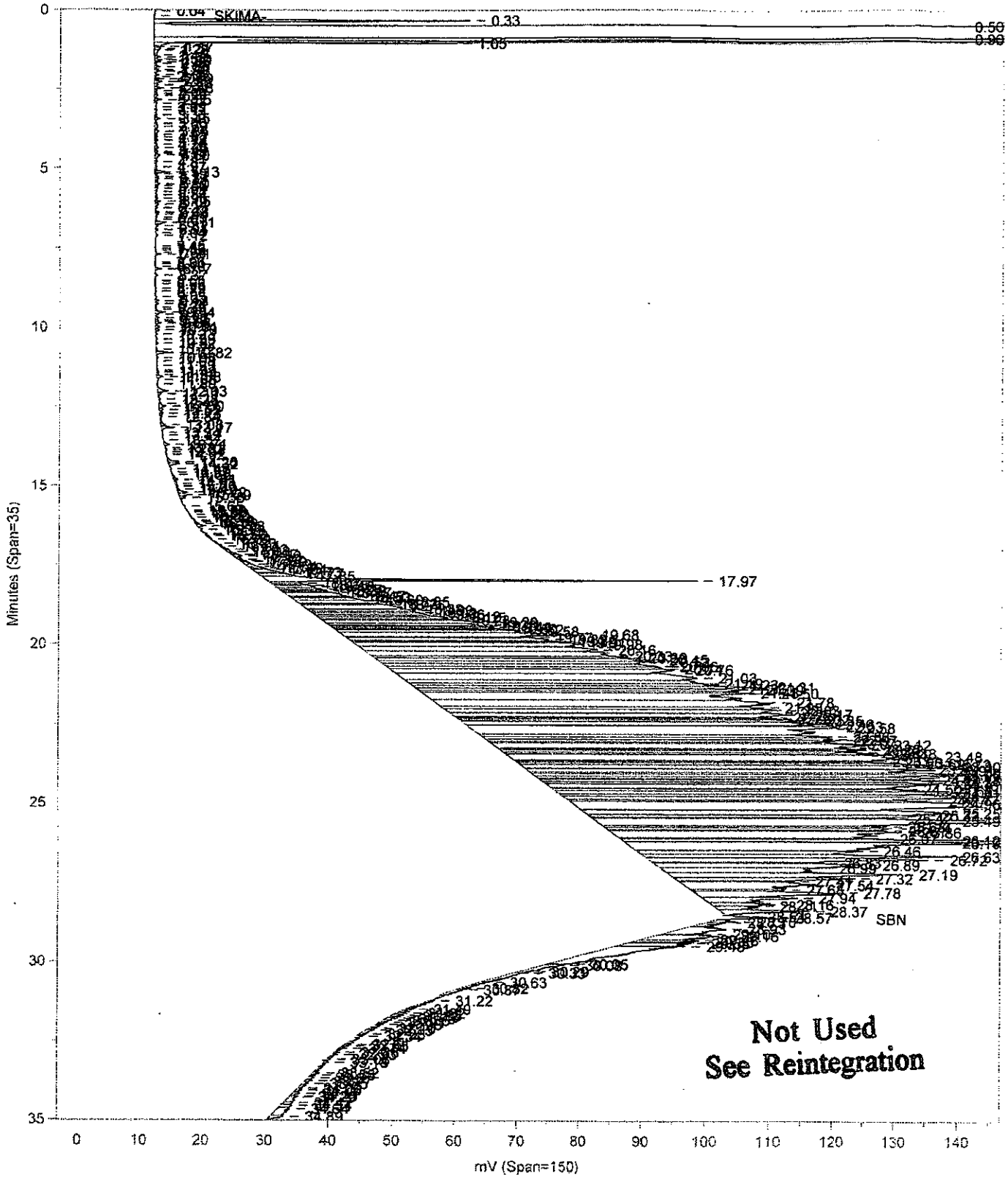
FILES:
Area File: C:\CPWIN\DATA1\P262.33A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 1:18:12 PM
File reported on: 9/19/2008 at 1:18:11 PM

ASX84 11475

MA EPH

5454445P ACAMS33 T 082430018A 05332

C:\CPWIN\DATA1\P262.34R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 1:33:00 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX04 1476

MA EPH

Sample ID: 5454445P ACAMS33 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
32	3.451	C-9	.0125	2968	.035	890
46	5.128	C-10	.0278	6610	.033	2396
76	8.173	C-12	.0114	2711	.036	1102
99	10.821	C-14	.0323	7732	.04	2800
118	13.171	C-16	.0284	6895	.043	2048
139	15.29	C-18	.0267	6624	.036	2156
152	16.278	C-19	.0148	3666	.039	1339
163	17.217	C-20	.0192	4805	.042	1450
174	17.972	1-Chlorooctadecane	1.0226	232478	.043	68527
191	19.002	C-22	.206	49884	.038	16836
229	22.127	C-26	.3538	85679	.019	52421
268	24.867	C-30	.7499	184273	.047	57217
296	28.367	C-36	.2904	68830	.076	13932

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	1.391	4.974	202482.7	0.378
2	16.200	28.470	26.568	95.026	25096930.0	46.835

Total slice amount= 27.958
Total slice amount %= 100.0

Total slice area= 25299410.0
Total slice area %= 47.2

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 202482.7
Unadjusted Aliphatics AMOUNT (C9- <C19) = 0.7300703 PPM

Unadjusted Aliphatics AREA (C19- C36) = 2.509693E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 87.55083 PPM*

* Needs to have surr. amt. (from replot) subtracted!

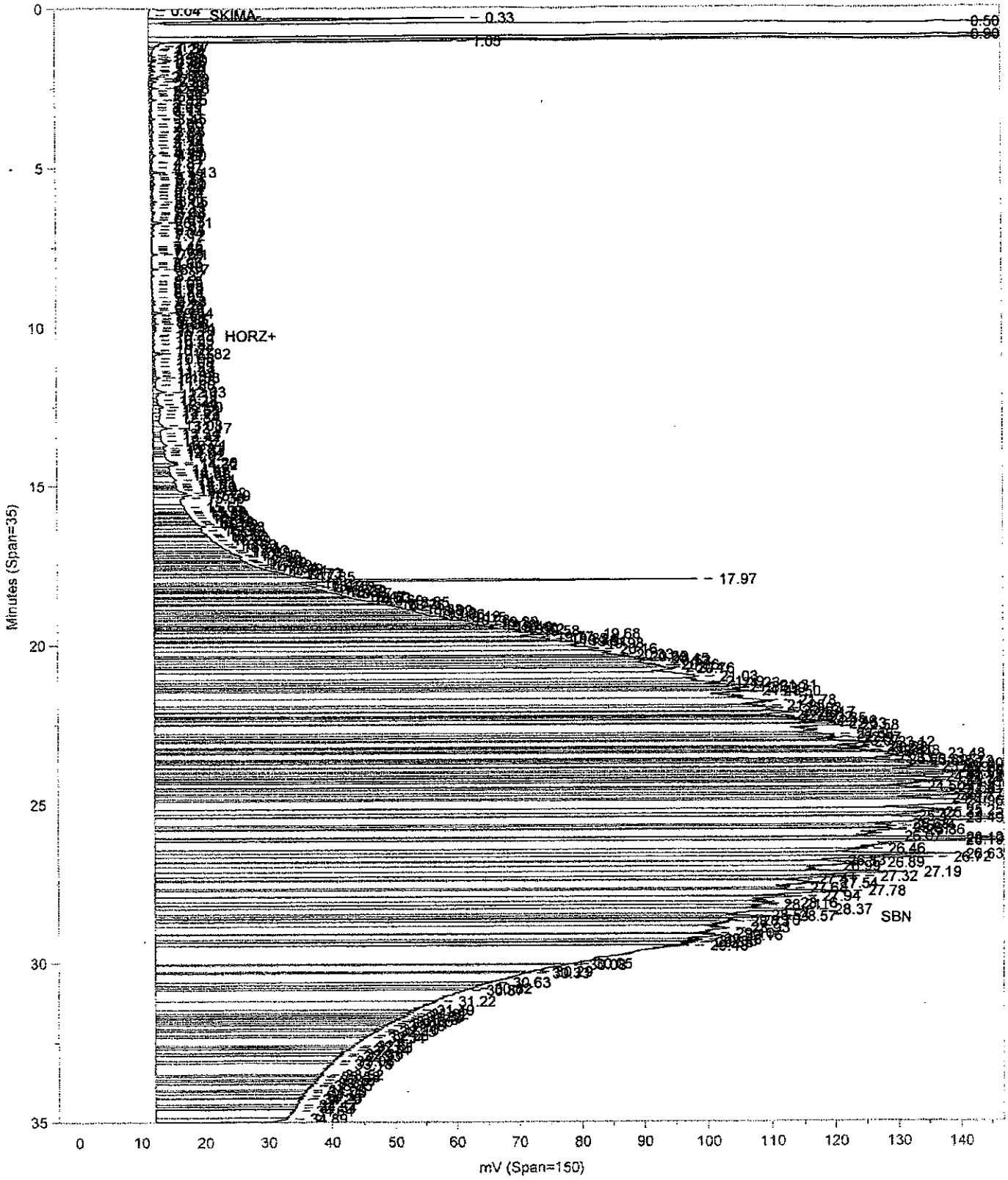
FILES:
Area File: C:\CPWIN\DATA1\P262.34A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 2:08:04 PM
File reported on: 9/19/2008 at 2:08:04 PM

Not Used
See Reintegration

MA EPH

5454445P ACAMS33 T 082430018A 05332

C:\CPWIN\DATA1\P262.34R



Instrument ID:CP25--H6610A
Injected on: 9/19/2008 1:33:00 PM
Volume Inj. per Column: 1
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10
Dilution Factor: 1

ASX04 1478

MA EPH

Sample ID: 5454445P ACAMS33 T 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
32	3.451	C-9	.0125	2968	.035	890
46	5.128	C-10	.0278	6610	.033	2396
76	8.173	C-12	.0114	2711	.036	1102
99	10.821	C-14	.0357	8535	.04	2880
118	13.171	C-16	.0701	17023	.043	3008
139	15.29	C-18	.1088	27000	.036	5966
152	16.278	C-19	.1798	44542	.039	8130
163	17.217	C-20	.2358	58925	.042	13920
174	17.972	1-Chlorooctadecane	1.8479	420089	.043	86271
191	19.002	C-22	.5131	124229	.038	41753
229	22.127	C-26	.6754	163563	.019	99171
268	24.867	C-30	1.6444	404089	.047	123084
296	28.367	C-36	4.2333	1003305	.076	104230

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	2.662	2.775	775511.8	0.727
2	16.200	28.470	93.297	97.225	60586780.0	56.790

Total slice amount= 95.959
Total slice amount %= 100.0

Total slice area= 61362290.0
Total slice area %= 57.5

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 775511.8
Unadjusted Aliphatics AMOUNT (C9- <C19) = 2.796181 PPM

Unadjusted Aliphatics AREA (C19- C36) = 6.058678E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 211.3575 PPM*

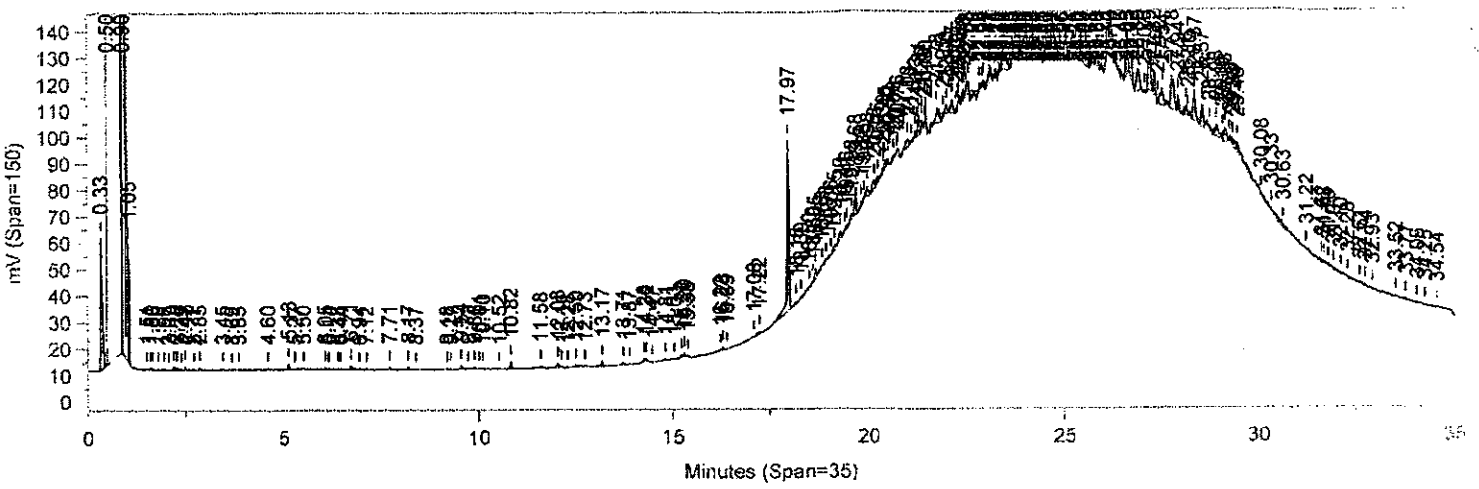
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 10:55:24 AM
File reported on: 9/22/2008 at 10:55:24 AM

M = Manually Integrated
Analyst Tanya 9/22/08
Approved by RLM 9/375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX84 1479

MA EPH
5454445P ACAMS33 T 082430018A 05332
C:\CPWIN\DATA1\P262.34R



Sample Name:5454445P ACAMS33 T 082430018A 05332A

Instrument ID:CP25–H6610A Injected on: 9/19/2008 1:33:00 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
17	3.451	C-9	.0062	1478	.035	652
21	5.128	C-10	.0179	4261	.032	2131
32	8.173	C-12	.011	2616	.036	1087
42	10.821	C-14	.0342	8178	.041	2791
49	13.171	C-16	.041	9944	.048	2042
58	15.29	C-18	.0135	3350	.036	1523
61	16.278	C-19	.0109	2707	.039	1172
64	17.217	C-20	.0213	5312	.103	1020
65	17.972	1-Chlorooctadecane	.9446	214741	.046	64553
137	24.867	C-30	.0215	5295	.047	4063
162	28.367	C-36	.2179	51650	.076	11894

1-CHLOROOCTADECANE % RECOVERY = 45.71616 %

TOTAL SURROGATE AMOUNT = 0.9445874 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.34A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 2:08:12 PM
File reported on: 9/19/2008 at 2:08:11 PM

ASX84 1488

Lancaster Laboratories-Range Data Summary

Sample Name: 5454446MSP AMS33MS Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG:ASX05 State: DE
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 035 Injected on : 9/19/08 14:23:05 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : REPLOT1M.MET AROMPSUM.MET

P262 036 Injected on : 9/19/08 15:15:32 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	114.3%	Conc.:	2.411825
SS O-TERPHENYL	98.9%	Conc.:	1.97766
1-CHLOROOCTADECANE	66.8%	Conc.:	1.420148

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	4840695	17.4536	6	6		ppm
C19-C36	16.20 - 28.47	16215776	55.1487	12	12		ppm
C11-C22	7.69 - 26.07	23000680	7.8 ~~15~~.4735	12	12		ppm
C11-C22*MDL	7.69 - 26.07	23000680	7.8 ~~15~~.4735	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	23000680	74.8550	12	12		ppm
Naphthalene	7.78	948077	3.5711	0.5	0.1		ppm
2-Methylnaphthalene	9.32	922221	3.7040	0.5	0.1		ppm
2-Fluorobiphenyl	10.30	552760	2.4118				ppm
Acenapthylene	11.24	944113	3.9283	0.5	0.1		ppm
Acenaphthene	11.68	1016258	3.8640	0.5	0.1		ppm
Fluorene	12.81	1037243	3.9130	0.5	0.1		ppm
Phenanthrene	14.88	1058011	3.9092	0.5	0.1		ppm
Anthracene	14.98	962552	4.0489	0.5	0.1		ppm
SS o-Terphenyl	16.07	550348	1.9777				ppm
Fluoranthene	17.53	1107021	4.1170	0.5	0.1		ppm
Pyrene	17.97	1146026	4.0804	0.5	0.1		ppm
Benzo(a)anthracene	20.75	901866	3.3759	0.5	0.1		ppm
Chrysene	20.83	963140	3.6535	0.5	0.1		ppm
Benzo(b)fluoranthene	23.04	1183993 ~~435159~~	4.19 ~~1.5415~~	0.5	0.1		ppm
Benzo(k)fluoranthene	23.09 ~~23.05 - 23.10~~	1049270 ~~0~~	4.02 ~~0.0000~~	0.5 ~~≤0.5~~	<0.1		ppm
Benzo(a)pyrene	23.61	1017266	4.0080	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.62	975346	3.7671	0.5	0.1		ppm
Dibenzo(a,h)anthrace	25.72	1002677	3.7718	0.5	0.1		ppm
Benzo(ghi)perylene	26.01	1102877	4.1277	0.5	0.1		ppm
1-Chlorooctadecane	17.97	322854	1.4201				ppm

total PAHs 66.09

Comments:

ASX04 1481

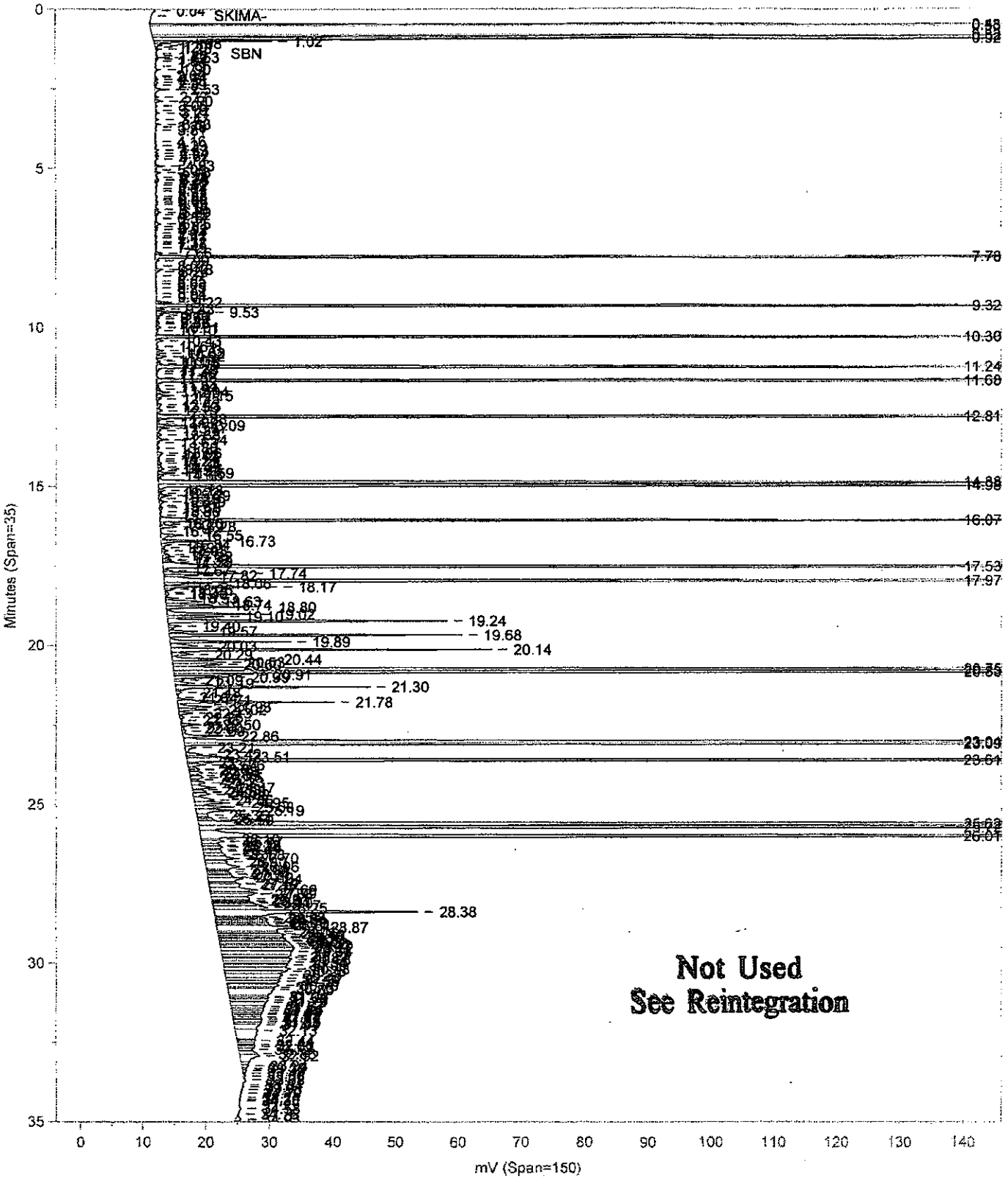
Reviewed by: [signature] Date: 9/23/08
Verified by: [signature] Date: 9/20/08

9/22/08 12:53

MA EPH

5454446MSM ABAMS33MS MS 082430018A 05332

C:\CPWIN\DATA1\P262.35R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 2:23:04 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1482

MA EPH

Sample ID: 5454446MSM ABAMS33MS MS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
67	7.783	Naphthalene	3.58765	952464	.031	484950
79	9.318	2-Methylnaphthalene	3.7171	925488	.033	440247
89	10.297	2-Fluorobiphenyl	2.41859	554312	.033	263196
98	11.243	Acenapthylene	3.94218	947442	.034	444938
103	11.675	Acenaphthene	3.87163	1018274	.034	472710
112	12.807	Fluorene	3.94129	1044738	.035	464130
133	14.878	Phenanthrene	4.05729	1098087	.038	453547
134	14.978	Anthracene	4.20156	998855	.036	430475
144	16.072	SS o-Terphenyl	1.98934	553598	.038	226371
158	17.531	Fluoranthene	4.13806	1112672	.039	444324
162	17.974	Pyrene	4.1707	1171378	.038	476091
185	20.753	Benzo(a)anthracene	4.21965	1127274	.045	383242
186	20.835	Chrysene	4.32733	1140782	.04	457648
205	23.038	Benzo(b)fluoranthene	4.25405	1200927	.057	346303
210	23.611	Benzo(a)pyrene	4.11621	1044723	.044	369976
232	25.619	Indeno(1,2,3-cd)pyre	4.1363	1070934	.049	341020
233	25.721	Dibenzo(a,h)anthrace	4.12183	1095730	.043	388725
234	26.006	Benzo(ghi)perylene	4.27706	1142772	.046	372389

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	694.878	100.000	21055520.0	47.660

Total slice amount= 694.878
Total slice amount %= 100.0

Total slice area= 21055520.0
Total slice area %= 47.7

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.105552E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 72.54281 PPM*

* Needs to have surr. amt. (from replot) subtracted!

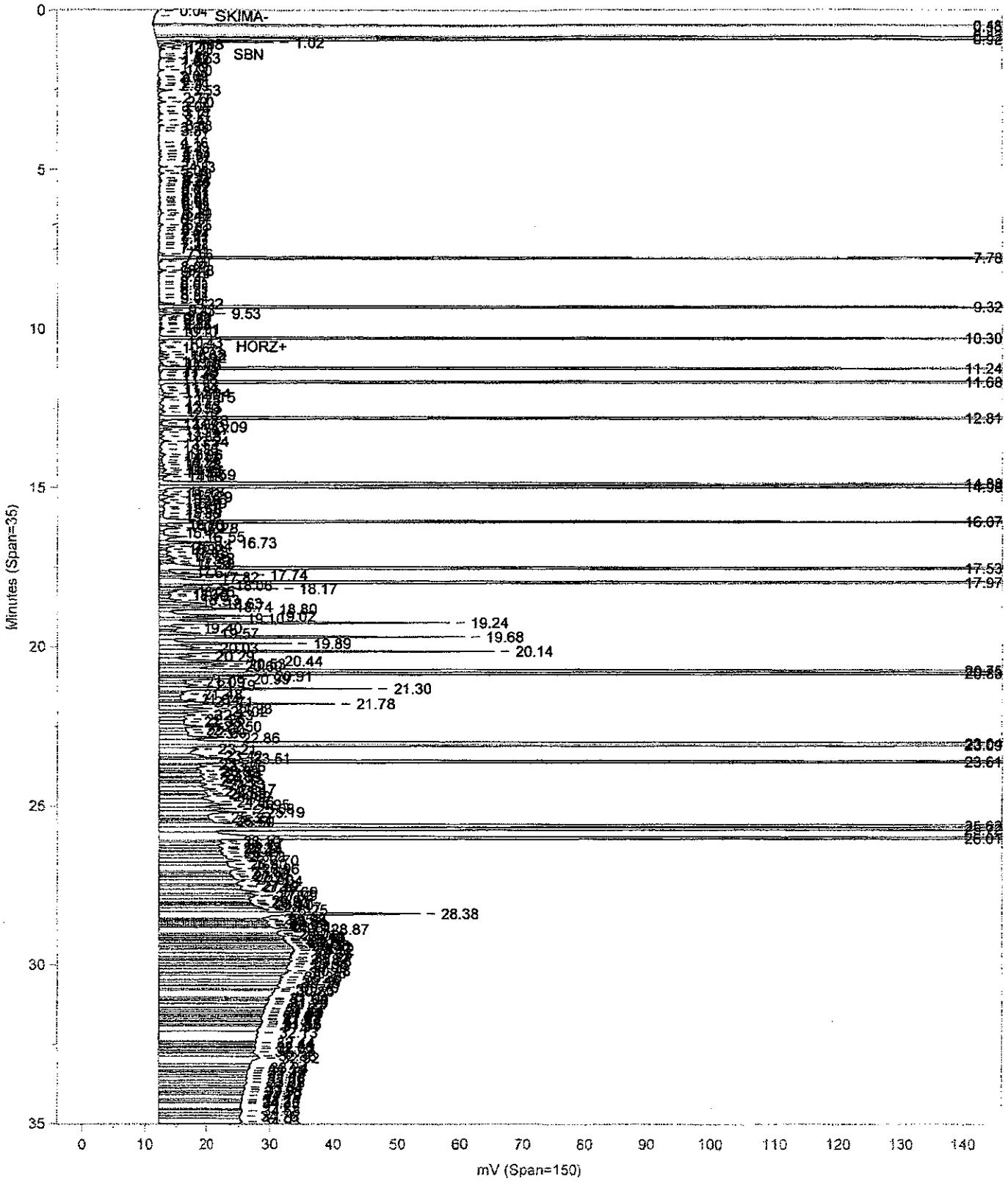
FILES:
Area File: C:\CPWIN\DATA1\P262.35A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 2:58:08 PM
File reported on: 9/19/2008 at 2:58:09 PM

Not Used
See Reintegration

MA EPH

5454446MSM ABAMS33MS MS 082430018A 05332

C:\CPWIN\DATA1\P262.35R



Instrument ID:CP25–H6610A Injected on: 9/19/2008 2:23:04 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

MA EPH

Sample ID: 5454446MSM ABAMS33MS MS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
67	7.783	Naphthalene	3.58765	952464	.031	484950
79	9.318	2-Methylnaphthalene	3.71686	925429	.033	440240
89	10.297	2-Fluorobiphenyl	2.41739	554036	.033	263168
98	11.243	Acenapthylene	3.94227	947464	.034	444940
103	11.675	Acenaphthene	3.87248	1018499	.034	472728
112	12.807	Fluorene	3.9437	1045375	.035	464189
133	14.878	Phenanthrene	4.06929	1101334	.038	453852
134	14.978	Anthracene	4.21552	1002174	.036	430801
144	16.072	SS o-Terphenyl	2.01308	560204	.038	226930
158	17.531	Fluoranthene	4.18544	1125412	.039	445339
162	17.974	Pyrene	4.21449	1183676	.038	477255
185	20.753	Benzo(a)anthracene	4.2992	1148526	.045	385918
186	20.835	Chrysene	4.38588	1156219	.04	460370
205	23.038	Benzo(b)fluoranthene	4.39612	1241033	.057	350650
210	23.611	Benzo(a)pyrene	4.2818	1086751	.044	374836
232	25.619	Indeno(1,2,3-cd)pyre	4.35809	1128359	.049	347676
233	25.721	Dibenzo(a,h)anthrace	4.36774	1161104	.043	395475
234	26.006	Benzo(ghi)perylene	4.68469	1251686	.046	379393

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	709.517	100.000	23000680.0	44.681

Total slice amount= 709.517
Total slice amount %= 100.0

Total slice area= 23000680.0
Total slice area %= 44.7

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.300068E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 79.24448 PPM*

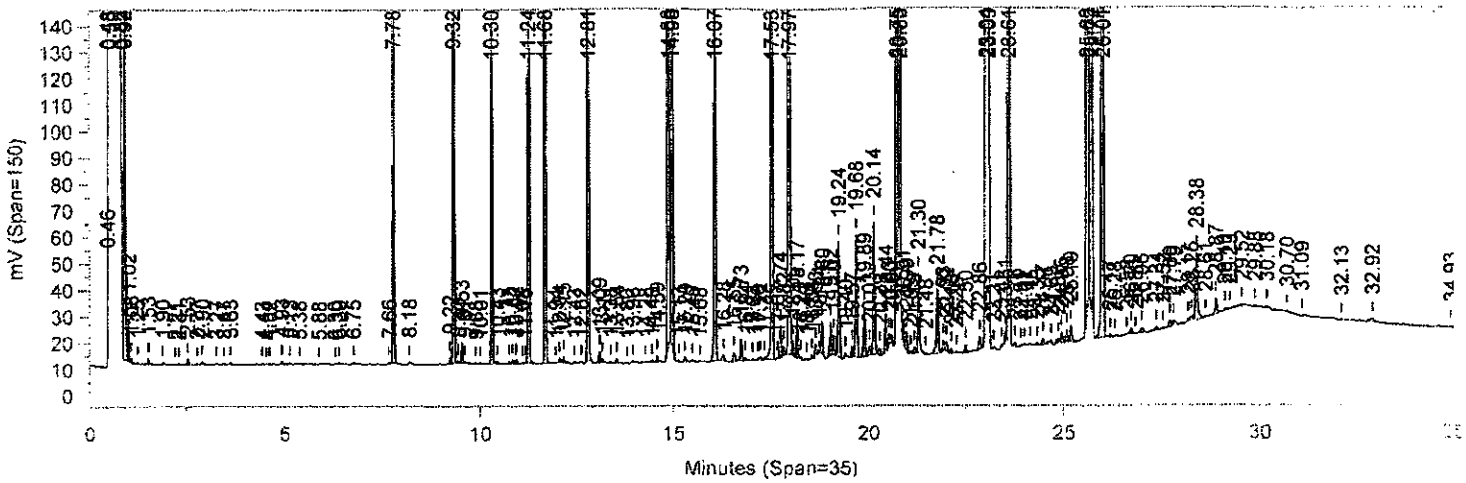
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 10:58:30 AM
File reported on: 9/22/2008 at 10:58:29 AM

M = Manually Integrated
Analyst 9/22/08
Approved by 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX84 1485

MA EPH
5454446MSM ABAMS33MS MS 082430018A 05332
C:\CPWIN\DATA1\P262.35R



Sample Name:5454446MSM ABAMS33MS MS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 2:23:04 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
30	7.783	Naphthalene	3.5711	948077	.031	484527
33	9.318	2-Methylnaphthalene	3.704	922221	.033	439872
39	10.297	2-Fluorobiphenyl	2.4118	552760	.033	263027
46	11.243	Acenapthylene	3.9283	944113	.034	444525
47	11.675	Acenaphthene	3.864	1016258	.034	472533
53	12.807	Fluorene	3.913	1037243	.035	463172
63	14.878	Phenanthrene	3.9092	1058011	.038	447199
64	14.978	Anthracene	4.0489	962552	.036	425350
69	16.072	SS o-Terphenyl	1.9777	550348	.038	226046
78	17.531	Fluoranthene	4.117	1107021	.039	443779
82	17.974	Pyrene	4.0804	1146026	.038	473651
104	20.753	Benzo(a)anthracene	3.3759	901866	.045	339677
105	20.835	Chrysene	3.6535	963140	.04	424719
119	23.038	Benzo(b)fluoranthene	1.5415	435159	.056	144335
124	23.611	Benzo(a)pyrene	4.008	1017266	.044	367118
136	25.619	Indeno(1,2,3-cd)pyre	3.7671	975346	.049	325442
137	25.721	Dibenzo(a,h)anthrace	3.7718	1002677	.043	377643
138	26.006	Benzo(ghi)perylene	4.1277	1102877	.046	369785

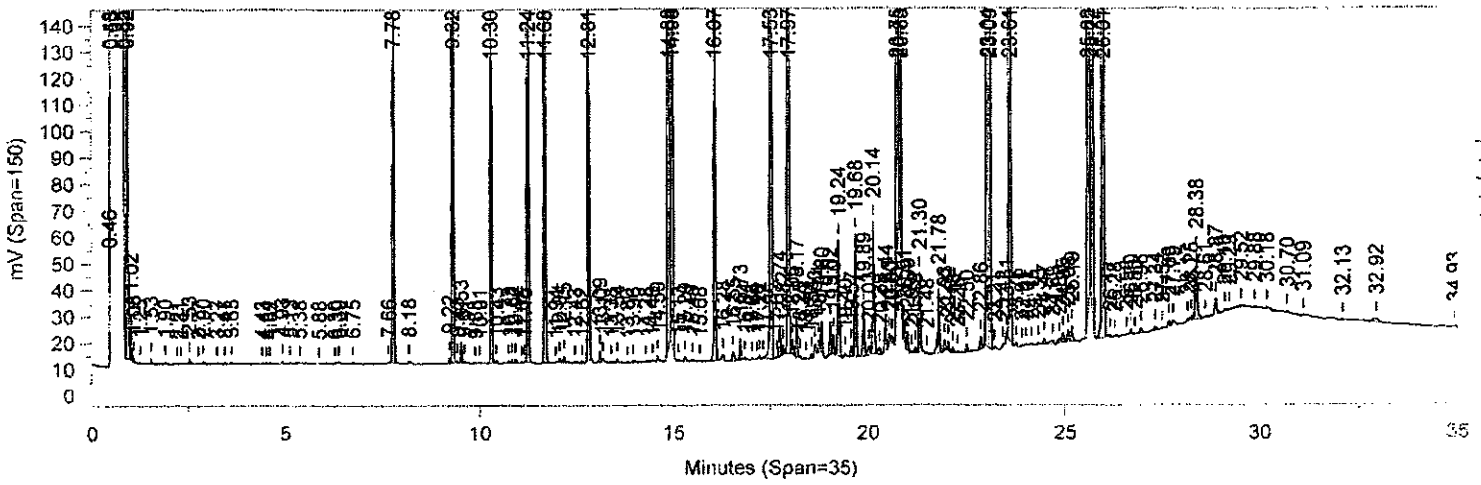
2-FLUOROBIPHENYL % RECOVERY = 114.9145 %
o-TERPHENYL % RECOVERY = 98.88302 %

TOTAL SURROGATE AMOUNT = 4.389485 PPM

Not Used
See Reintegration

FILES:
Area File: C:\CPWIN\DATA1\P262.35A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 2:58:16 PM
File reported on: 9/19/2008 at 2:58:14 PM

MA EPH
5454446MSM ABAMS33MS MS 082430018A 05332
C:\CPWIN\DATA1\P262.35R



Sample Name:5454446MSM ABAMS33MS MS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 2:23:04 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
30	7.783	Naphthalene	3.5711	948077	.031	484527
33	9.318	2-Methylnaphthalene	3.704	922221	.033	439872
39	10.297	2-Fluorobiphenyl	2.4118	552760	.033	263027
46	11.243	Acenapthylene	3.9283	944113	.034	444525
47	11.675	Acenaphthene	3.864	1016258	.034	472533
53	12.807	Fluorene	3.913	1037243	.035	463172
63	14.878	Phenanthrene	3.9092	1058011	.038	447199
64	14.978	Anthracene	4.0489	962552	.036	425350
69	16.072	SS o-Terphenyl	1.9777	550348	.038	226046
78	17.531	Fluoranthene	4.117	1107021	.039	443779
82	17.974	Pyrene	4.0804	1146026	.038	473651
104	20.753	Benzo(a)anthracene	3.3759	901866	.045	339677
105	20.835	Chrysene	3.6535	963140	.04	424719
119	23.038	Benzo(b)fluoranthene M	4.1941	1183993	.057	344823
120	23.093	Benzo(k)fluoranthene M	4.0175	1049270	.048	455258
124	23.611	Benzo(a)pyrene	4.008	1017266	.044	367118
136	25.619	Indeno(1,2,3-cd)pyre	3.7671	975346	.049	325442
137	25.721	Dibenzo(a,h)anthrace	3.7718	1002677	.043	377643
138	26.006	Benzo(ghi)perylene	4.1277	1102877	.046	369785

2-FLUOROBIPHENYL % RECOVERY = 114.9145 %
o-TERPHENYL % RECOVERY = 98.88302 %

TOTAL SURROGATE AMOUNT = 4.389485 PPM

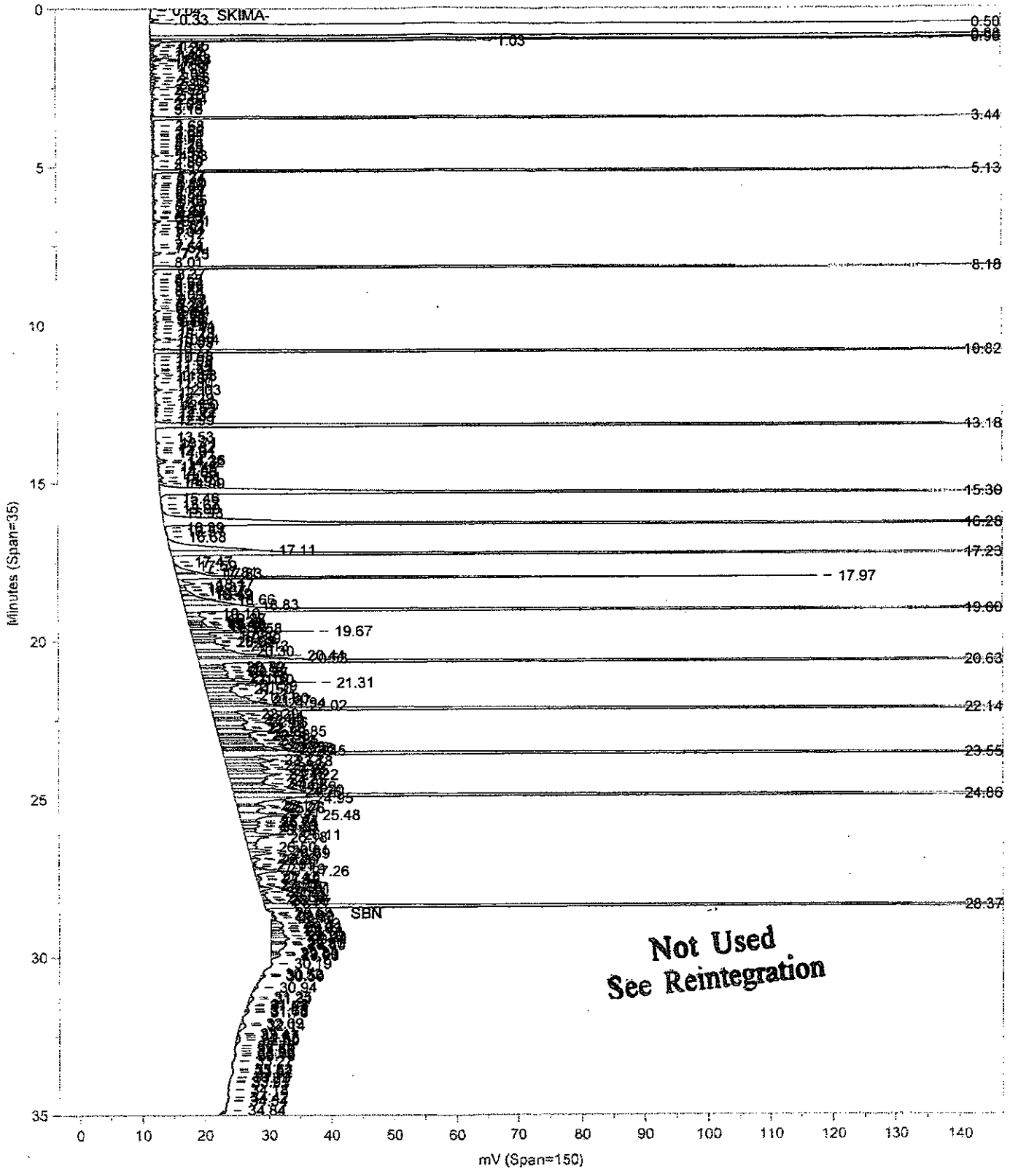
M = Manually Integrated
Analyst [signature] 9/22/08
Approved by [signature] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 11:52:26 AM
File reported on: 9/22/2008 at 11:52:24 AM

MA EPH

5454446MSP ACAMS33MS MS 082430018A 05332

C:\CPWIN\DATA1\P262.36R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 3:15:31 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

ASX04 1488

MA EPH

Sample ID: 5454446MSP ACAMS33MS MS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
29	3.442	C-9	2.443	580535	.032	283972
42	5.126	C-10	2.8626	681164	.034	318606
68	8.176	C-12	3.171	755640	.036	333097
92	10.824	C-14	3.4083	815448	.04	321001
111	13.177	C-16	3.5827	869699	.043	296823
125	15.296	C-18	3.6309	901055	.042	275881
130	16.284	C-19	3.5798	886668	.043	261135
135	17.226	C-20	3.1661	791361	.043	262403
140	17.972	1-Chlorooctadecane	1.3174	299503	.042	101872
148	18.995	C-22	3.4754	841501	.044	271869
166	20.627	C-24	3.5185	830349	.046	267957
182	22.138	C-26	3.5431	857991	.047	275242
201	23.547	C-28	3.7594	897287	.048	274541
215	24.864	C-30	3.5422	870458	.049	268182
254	28.371	C-36	3.1553	747813	.052	224160

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	190.985	39.660	4746316.0	11.992
2	16.200	28.470	290.573	60.340	9386000.0	23.714

Total slice amount= 481.559 Total slice area= 14132320.0
Total slice amount %= 100.0 Total slice area %= 35.7

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 4746316
Unadjusted Aliphatics AMOUNT (C9- <C19) = 17.11329 PPM

Unadjusted Aliphatics AREA (C19- C36) = 9386000
Unadjusted Aliphatics AMOUNT (C19- C36) = 32.74313 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.36A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 3:50:34 PM
File reported on: 9/19/2008 at 3:50:35 PM

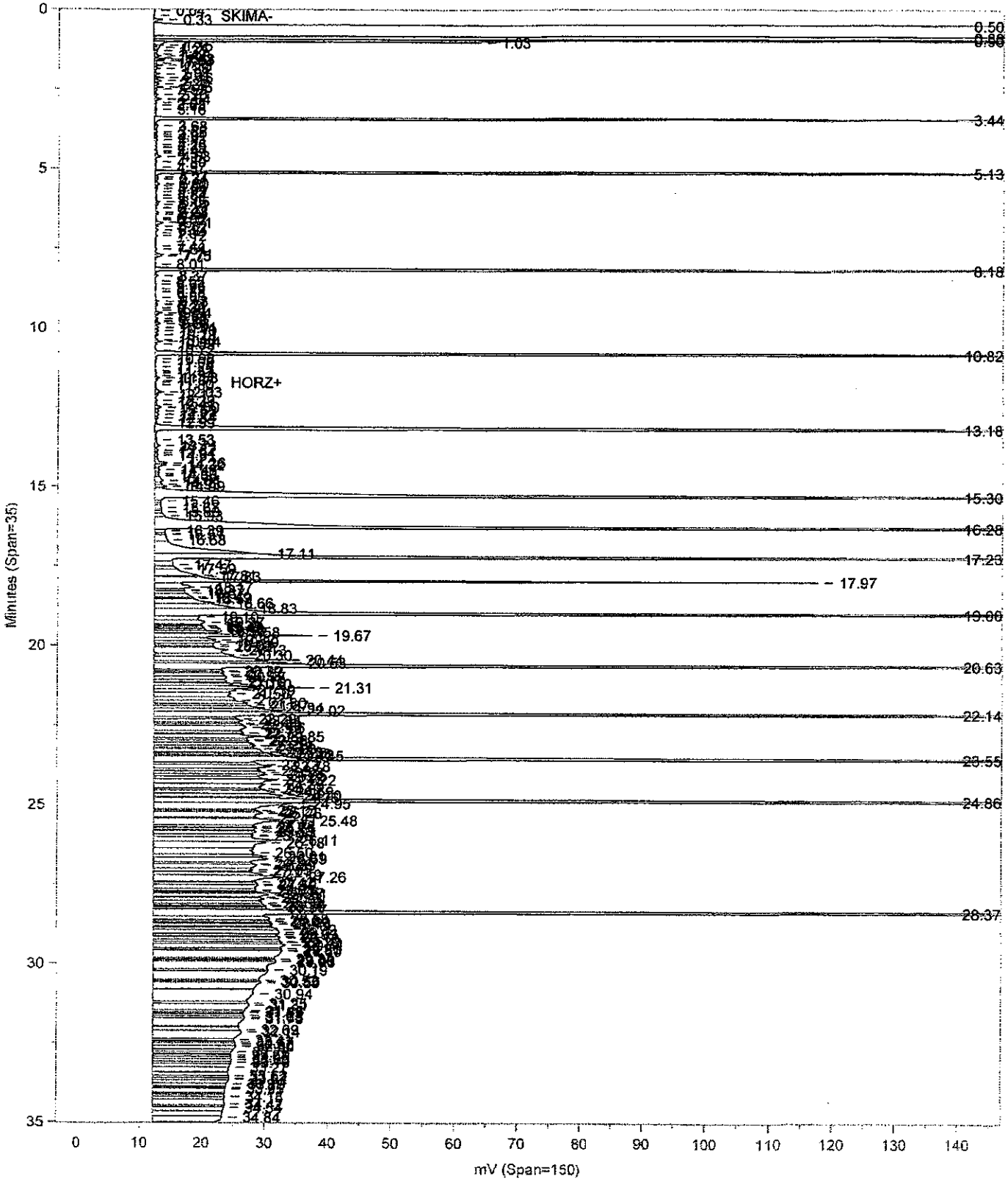
Not Used
See Reintegration

ASX84 1489

MA EPH

5454446MSP ACAMS33MS MS 082430018A 05332

C:\CPWIN\DATA1\P262.36R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 3:15:31 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1498

MA EPH

Sample ID: 5454446MSP ACAMS33MS MS 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
29	3.442	C-9	2.443	580535	.032	283972
42	5.126	C-10	2.8626	681164	.034	318606
68	8.176	C-12	3.171	755640	.036	333097
92	10.824	C-14	3.4082	815410	.04	320998
111	13.177	C-16	3.5971	873207	.043	296982
125	15.296	C-18	3.7094	920528	.042	276741
130	16.284	C-19	3.7139	919884	.043	262594
135	17.226	C-20	3.3158	828782	.043	265010
140	17.972	1-Chlorooctadecane	1.4987	340714	.042	105444
148	18.995	C-22	3.7626	911019	.044	276766
166	20.627	C-24	3.8665	912471	.046	274970
182	22.138	C-26	3.9264	950816	.047	284214
201	23.547	C-28	4.3184	1030724	.048	285342
215	24.864	C-30	3.9996	982865	.049	280690
254	28.371	C-36	4.1034	972515	.052	241420

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	191.913	37.123	4840695.0	9.449
2	16.200	28.470	325.055	62.877	16215780.0	31.652

Total slice amount= 516.968 Total slice area= 21056470.0
Total slice amount %= 100.0 Total slice area %= 41.1

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 4840695
Unadjusted Aliphatics AMOUNT (C9- <C19) = 17.45358 PPM

Unadjusted Aliphatics AREA (C19- C36) = 1.621578E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 56.56887 PPM*

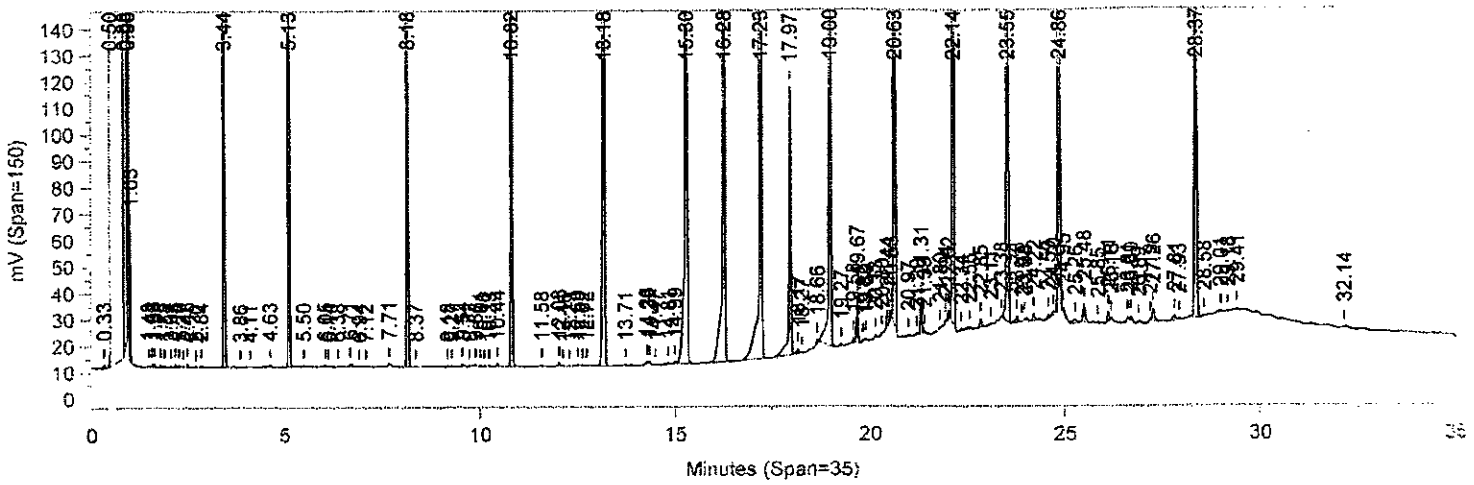
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 11:01:22 AM
File reported on: 9/22/2008 at 11:01:21 AM

M = Manually Integrated
Analyst
Approved by
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

M = Manually Integrated
Analyst Gayn 9/22/08
Approved by 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

MA EPH
5454446MSP ACAMS33MS MS 082430018A 05332
C:\CPWIN\DATA1\P262.36R



Sample Name:5454446MSP ACAMS33MS MS 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 3:15:31 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
18	3.442	C-9	2.4274	576841	.032	283756
22	5.126	C-10	2.8506	678289	.034	318399
31	8.176	C-12	3.1669	754646	.036	333026
42	10.824	C-14	3.4075	815246	.04	320942
50	13.177	C-16	3.5779	868532	.043	296762
57	15.296	C-18	3.6101	895883	.042	275702
58	16.284	C-19	3.5762	885772	.043	260996
59	17.226	C-20	3.598	899303	.043	262379
60	17.972	1-Chlorooctadecane	1.4201	322854	.042	101347
64	18.995	C-22	3.4133	826443	.044	269449
74	20.627	C-24	3.1698	748059	.046	260046
82	22.138	C-26	3.268	791380	.046	268500
88	23.547	C-28	3.4946	834099	.048	268758
95	24.864	C-30	3.2538	799580	.049	260260
109	28.371	C-36	3.1339	742748	.052	223689

1-CHLOROOCTADECANE % RECOVERY = 68.73235 %

TOTAL SURROGATE AMOUNT = 1.420148 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.36A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 3:50:42 PM
File reported on: 9/19/2008 at 3:50:41 PM

Lancaster Laboratories-Range Data Summary

Sample Name: 5454447MSDP AMS33MSD Sample ID: AC **Batchnumber:** 082430018A
Sample Amount: 10. Total Volume: 1. ml Analyst: 375 SDG: ASX05 State: DE
Analyses: 05332
Setting : MAPP242BS

Injection Summary

P262 037 Injected on : 9/19/08 16:06:04 Calibration Files : MAMP242B.CAL
Instrument : CP25--H6610A Method Files : AROMPSUM.MET REPLOT1M.MET

P262 038 Injected on : 9/19/08 16:56:33 Calibration Files : MAPP242B.CAL
Instrument : CP25--H6610A Method Files : ALIPPSUM.MET REPLOT1P.MET

Surrogate Recoveries

2-FLUOROBIPHENYL	101.3%	Conc.:	2.137061
SS O-TERPHENYL	86.9%	Conc.:	1.73837
1-CHLOROOCTADECANE	62%	Conc.:	1.317778

Range	Retention Times	Area	Amount	LOQ	MDL	Flags	Units
C9-<C19	3.31 - 16.20	5210320	18.7863	6	6		ppm
C19-C36	16.20 - 28.47	43224852	149.4725	12	12		ppm
C11-C22	7.69 - 26.07	24040955	207 ~~24.9~~013	12	12		ppm
C11-C22*MDL	7.69 - 26.07	24040955	207 ~~24.8~~013	12	12		ppm
Unadjusted C11-C22	7.69 - 26.07	24040955	78.9531	12	12		ppm
Naphthalene	7.78	855294	3.2216	0.5	0.1		ppm
2-Methylnaphthalene	9.32	837396	3.3633	0.5	0.1		ppm
2-Fluorobiphenyl	10.29	489788	2.1371				ppm
Acenapthylene	11.24	841901	3.5030	0.5	0.1		ppm
Acenaphthene	11.67	911361	3.4651	0.5	0.1		ppm
Fluorene	12.81	929484	3.5065	0.5	0.1		ppm
Phenanthrene	14.88	915263	3.3818	0.5	0.1		ppm
Anthracene	14.98	830410	3.4930	0.5	0.1		ppm
SS o-Terphenyl	16.07	483758	1.7384				ppm
Fluoranthene	17.53	950757	3.5359	0.5	0.1		ppm
Pyrene	17.97	1006344	3.5831	0.5	0.1		ppm
Benzo(a)anthracene	20.75	786664	2.9447	0.5	0.1		ppm
Chrysene	20.83	845686	3.2079	0.5	0.1		ppm
Benzo(b)fluoranthene	23.03	1611823 ~~362473~~	3.58 ~~1.2829~~	0.5	0.1		ppm
Benzo(k)fluoranthene	23.09	957573 467306	3.67 ~~1.7892~~	0.5	0.1		ppm
Benzo(a)pyrene	23.61	893431	3.5201	0.5	0.1		ppm
Indeno(1,2,3-cd)pyre	25.61	858984	3.3177	0.5	0.1		ppm
Dibenzo(a,h)anthrace	25.71	884262	3.3263	0.5	0.1		ppm
Benzo(ghi)perylene	26.00	964416	3.6095	0.5	0.1		ppm
1-Chlorooctadecane	17.97	299581	1.3178				ppm

Comments:

ASX0491493

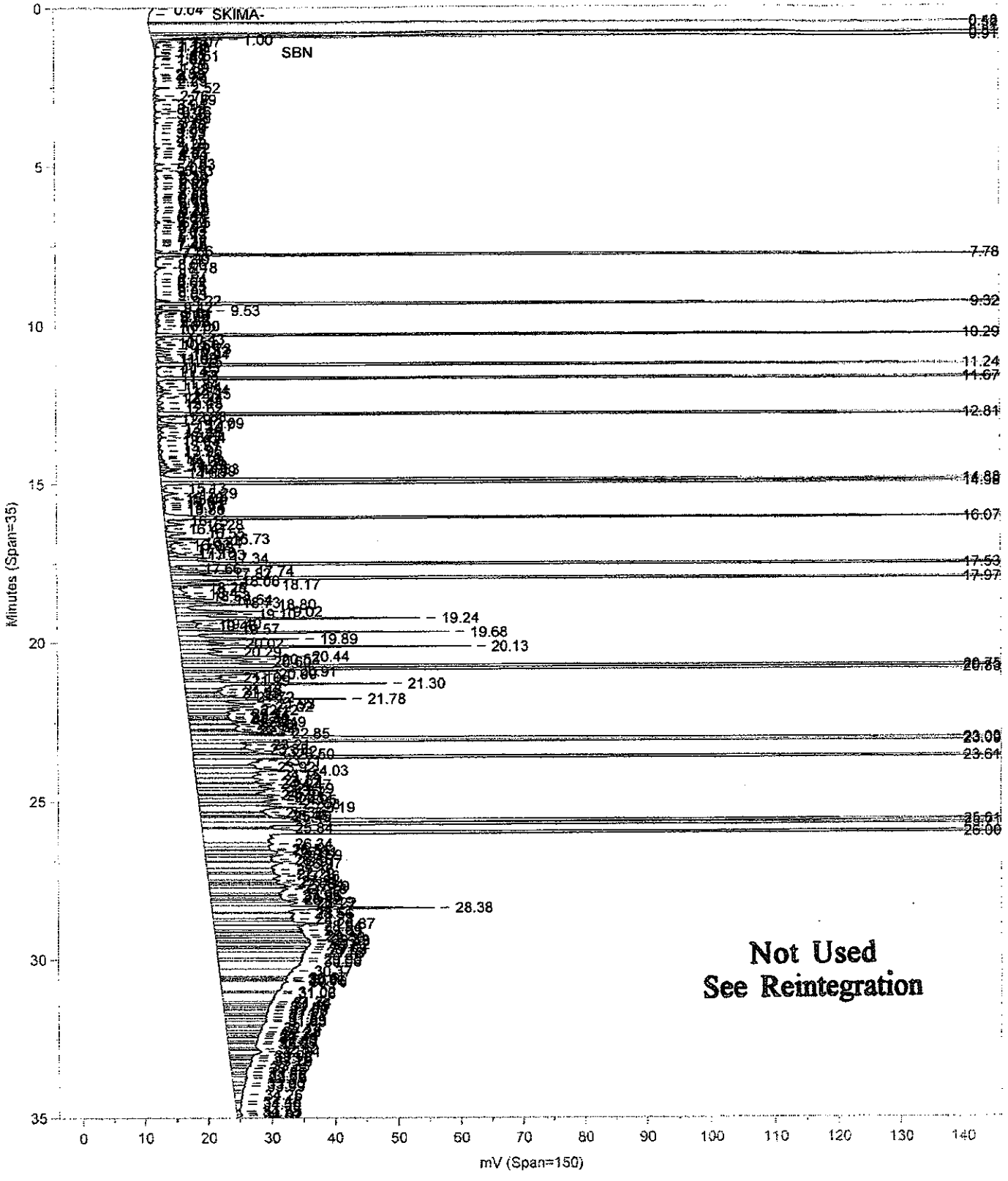
Reviewed by: Date: 9/23/08
Verified by: Date:

9/22/08 12:54

MA EPH

5454447MSDM ABAMS33MSD MSD 082430018A 05332

C:\CPWIN\DATA1\P262.37R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:06:03 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1494

MA EPH

Sample ID: 5454447MSDM ABAMS33MSD MSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
71	7.779	Naphthalene	3.23746	859494	.031	435567
82	9.315	2-Methylnaphthalene	3.37563	840467	.033	403778
92	10.295	2-Fluorobiphenyl	2.14287	491119	.033	231209
102	11.24	Acenapthylene	3.51864	845650	.033	398822
106	11.671	Acenaphthene	3.46516	911369	.034	418841
115	12.806	Fluorene	3.53069	935897	.034	414981
135	14.876	Phenanthrene	3.61318	977890	.037	400635
136	14.976	Anthracene	3.70408	880587	.036	377145
145	16.07	SS o-Terphenyl	1.75247	487682	.038	193969
157	17.528	Fluoranthene	3.64452	979965	.037	395496
161	17.971	Pyrene	3.71391	1043083	.037	422916
184	20.748	Benzo(a)anthracene	3.78652	1011564	.044	347589
185	20.83	Chrysene	3.9019	1028630	.039	405920
209	23.031	Benzo(b)fluoranthene	3.97202	1121310	.052	317828
210	23.087	Benzo(k)fluoranthene	3.8673	1010054	.049	404684
215	23.609	Benzo(a)pyrene	3.87211	982769	.043	344161
235	25.614	Indeno(1,2,3-cd)pyre	3.92998	1017515	.048	311519
236	25.714	Dibenzo(a,h)anthrace	3.93191	1045243	.045	343050
238	26.	Benzo(ghi)perylene	4.67333	1248652	.046	338395

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	676.337	100.000	21576740.0	50.918

Total slice amount= 676.337 Total slice area= 21576740.0
Total slice amount %= 100.0 Total slice area %= 50.9

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.157674E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 74.33858 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P262.37A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 4:41:08 PM
File reported on: 9/19/2008 at 4:41:07 PM

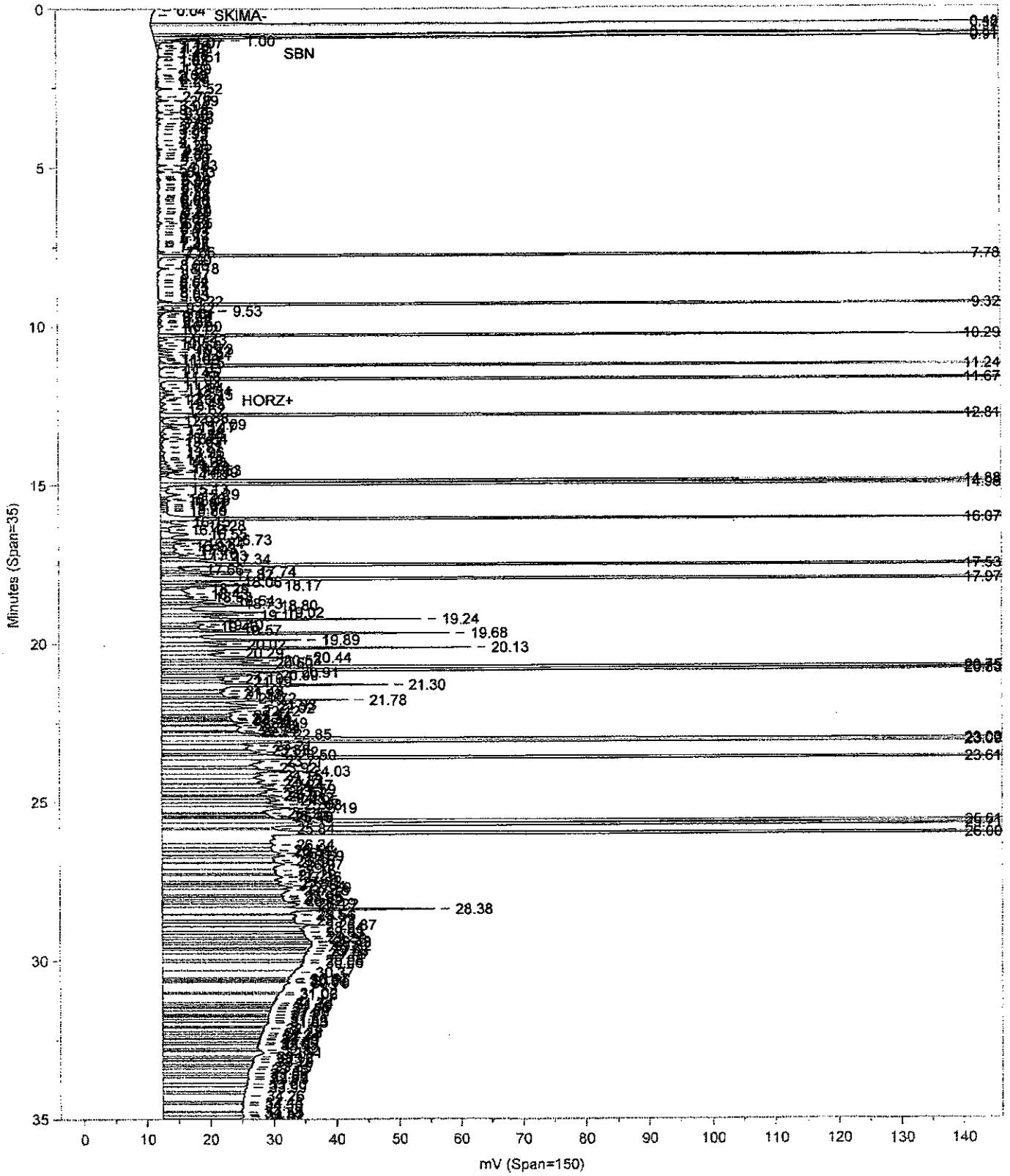
Not Used
See Reintegration

8SX84 1495

MA EPH

5454447MSDM ABAMS33MSD MSD 082430018A 05332

C:\CPWIN\DATA1\P262.37R



Instrument ID:CP25--H6610A

Injected on: 9/19/2008 4:06:03 PM

Volume Inj. per Column: 1

GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10

Dilution Factor: 1

MA EPH

Sample ID: 5454447MSDM ABAMS33MSD MSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
71	7.779	Naphthalene	3.23746	859494	.031	435567
82	9.315	2-Methylnaphthalene	3.37563	840467	.033	403778
92	10.295	2-Fluorobiphenyl	2.14287	491119	.033	231209
102	11.24	Acenapthylene	3.51855	845628	.033	398819
106	11.671	Acenaphthene	3.46409	911088	.034	418822
115	12.806	Fluorene	3.53009	935739	.034	414973
135	14.876	Phenanthrene	3.63125	982782	.037	401087
136	14.976	Anthracene	3.72496	885552	.036	377633
145	16.07	SS o-Terphenyl	1.80751	502998	.038	194898
157	17.528	Fluoranthene	3.72274	1000998	.037	397265
161	17.971	Pyrene	3.78782	1063843	.037	424947
184	20.748	Benzo(a)anthracene	3.89112	1039509	.044	351252
185	20.83	Chrysene	3.98166	1049656	.039	409629
209	23.031	Benzo(b)fluoranthene	4.14223	1169361	.052	322833
210	23.087	Benzo(k)fluoranthene	4.00271	1045421	.049	409722
215	23.609	Benzo(a)pyrene	4.04722	1027212	.043	349505
235	25.614	Indeno(1,2,3-cd)pyre	4.14769	1073882	.048	318040
236	25.714	Dibenzo(a,h)anthrace	4.17168	1108982	.045	349629
238	26.	Benzo(ghi)perylene	5.35147	1429840	.046	345143

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	7.690	26.070	696.787	100.000	24040950.0	48.485

Total slice amount= 696.787
Total slice amount %= 100.0

Total slice area= 24040950.0
Total slice area %= 48.5

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.404095E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 82.82854 PPM*

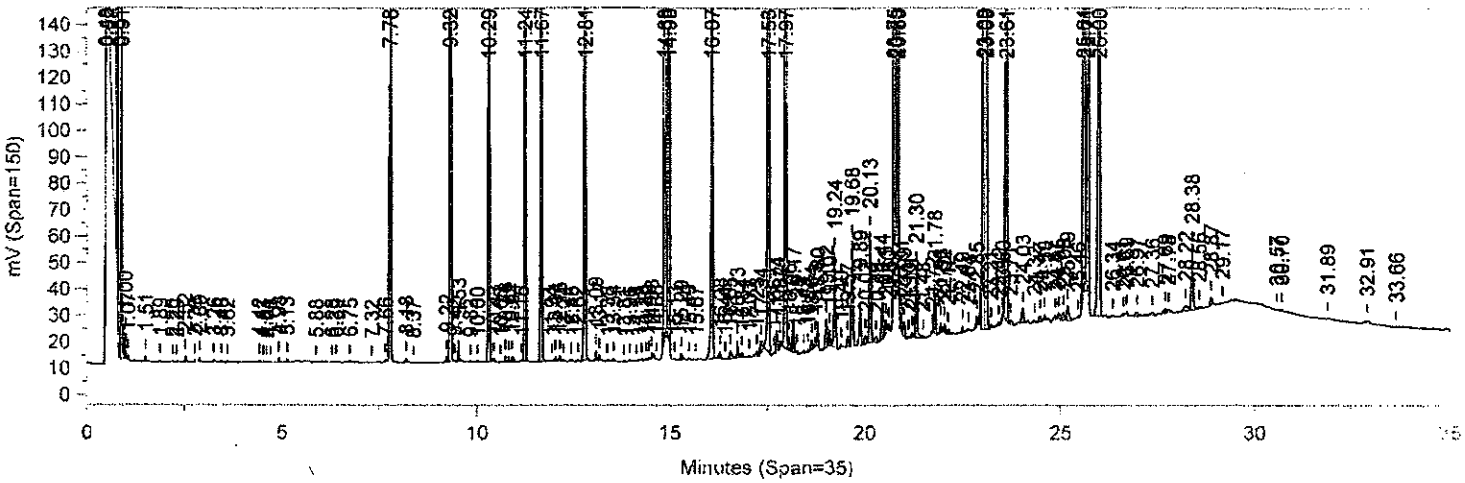
* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/22/2008 11:04:52 AM
File reported on: 9/22/2008 at 11:04:52 AM

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by _____
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other _____

ASX84 1497

MA EPH
5454447MSDM ABAMS33MSD MSD 082430018A 05332
C:\CPWIN\DATA1\P262.37R



Sample Name:5454447MSDM ABAMS33MSD MSD 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:06:03 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
29	7.779	Naphthalene	3.2216	855294	.031	435067
33	9.315	2-Methylnaphthalene	3.3633	837396	.033	403433
38	10.295	2-Fluorobiphenyl	2.1371	489788	.033	231062
45	11.24	Acenapthylene	3.503	841901	.033	398337
46	11.671	Acenaphthene	3.4651	911361	.034	418779
53	12.806	Fluorene	3.5065	929484	.034	414147
66	14.876	Phenanthrene	3.3818	915263	.037	390650
67	14.976	Anthracene	3.493	830410	.036	370508
72	16.07	SS o-Terphenyl	1.7384	483758	.038	193612
81	17.528	Fluoranthene	3.5359	950757	.037	393532
85	17.971	Pyrene	3.5831	1006344	.037	419648
107	20.748	Benzo(a)anthracene	2.9447	786664	.043	305356
108	20.83	Chrysene	3.2079	845686	.039	372181
123	23.031	Benzo(b)fluoranthene M	3.5842	1011823	.052	310343
124	23.087	Benzo(k)fluoranthene M	3.6664	957573	.049	397232
128	23.609	Benzo(a)pyrene	3.5201	893431	.043	333885
139	25.614	Indeno(1,2,3-cd)pyre	3.3177	858984	.048	290176
140	25.714	Dibenzo(a,h)anthrace	3.3263	884262	.044	323797
141	26.	Benzo(ghi)perylene	3.6095	964416	.046	327765

2-FLUOROBIPHENYL % RECOVERY = 101.823 %
o-TERPHENYL % RECOVERY = 86.91852 %

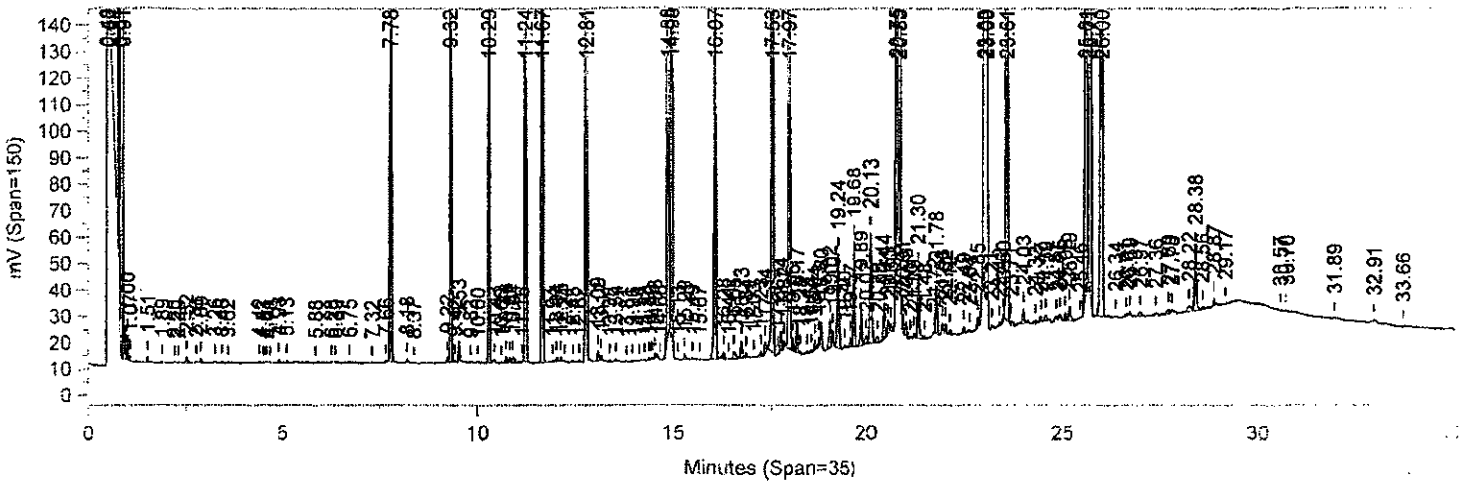
TOTAL SURROGATE AMOUNT = 3.875431 PPM

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update

ASX04 1498

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 11:55:04 AM
File reported on: 9/22/2008 at 11:55:03 AM

MA EPH
5454447MSDM ABAMS33MSD MSD 082430018A 05332
C:\CPWIN\DATA1\P262.37R



Sample Name:5454447MSDM ABAMS33MSD MSD 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:06:03 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
29	7.779	Naphthalene	3.2216	855294	.031	435067
33	9.315	2-Methylnaphthalene	3.3633	837396	.033	403433
38	10.295	2-Fluorobiphenyl	2.1371	489788	.033	231062
45	11.24	Acenapthylene	3.503	841901	.033	398337
46	11.671	Acenaphthene	3.4651	911361	.034	418779
53	12.806	Fluorene	3.5065	929484	.034	414147
66	14.876	Phenanthrene	3.3818	915263	.037	390650
67	14.976	Anthracene	3.493	830410	.036	370508
72	16.07	SS o-Terphenyl	1.7384	483758	.038	193612
81	17.528	Fluoranthene	3.5359	950757	.037	393532
85	17.971	Pyrene	3.5831	1006344	.037	419648
107	20.748	Benzo(a)anthracene	2.9447	786664	.043	305356
108	20.83	Chrysene	3.2079	845686	.039	372181
123	23.031	Benzo(b)fluoranthene	1.2829	362173	.05	134403
124	23.087	Benzo(k)fluoranthene	1.7892	467306	.048	275321
128	23.609	Benzo(a)pyrene	3.5201	893431	.043	333885
139	25.614	Indeno(1,2,3-cd)pyre	3.3177	858984	.048	290176
140	25.714	Dibenzo(a,h)anthrace	3.3263	884262	.044	323797
141	26.	Benzo(ghi)perylene	3.6095	964416	.046	327765

2-FLUOROBIPHENYL % RECOVERY = 101.823 %
o-TERPHENYL % RECOVERY = 86.91852 %

TOTAL SURROGATE AMOUNT = 3.875431 PPM

Not Used
See Reintegration

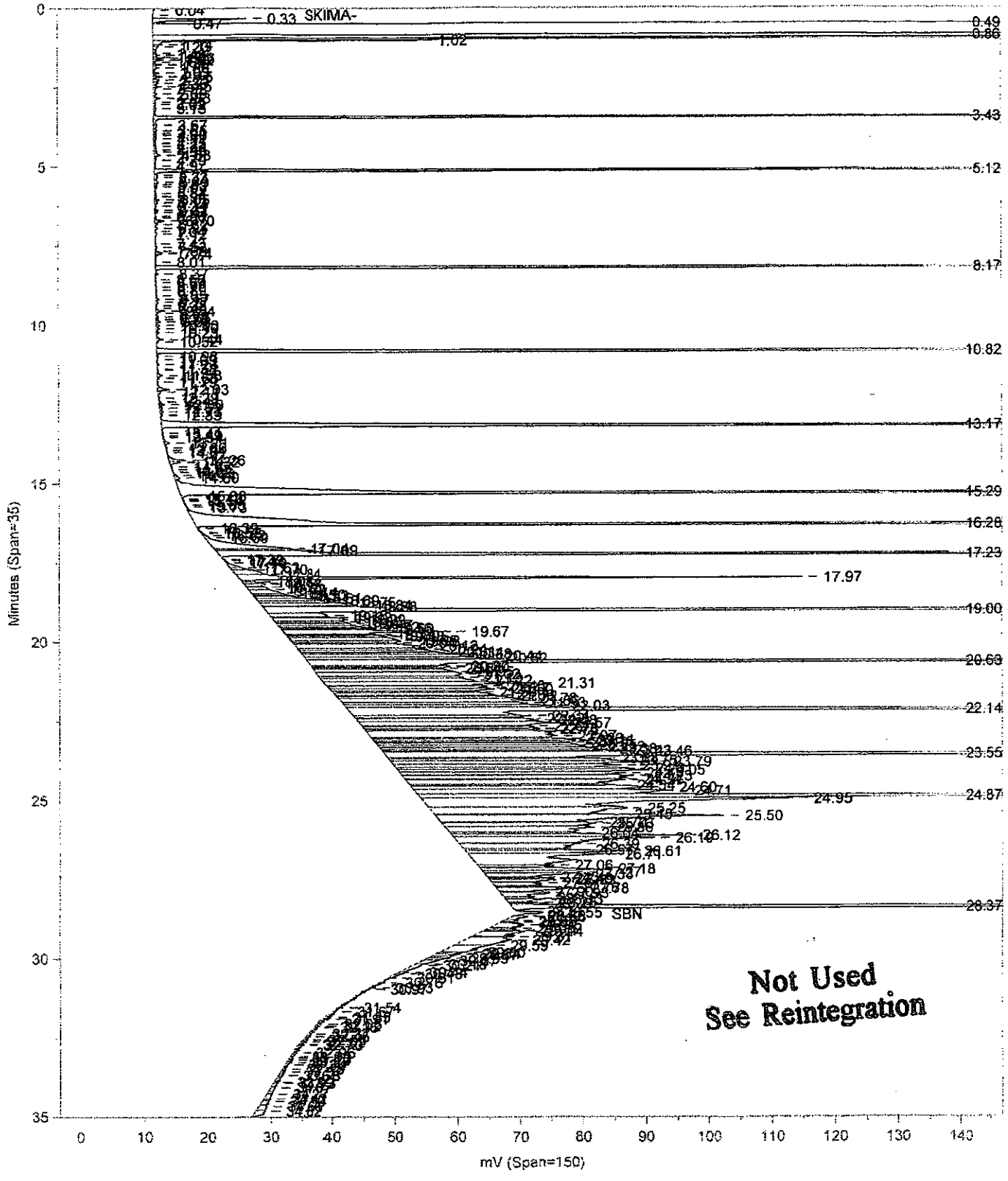
FILES:
Area File: C:\CPWIN\DATA1\P262.37A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 4:41:14 PM
File reported on: 9/19/2008 at 4:41:13 PM

ASX84 1499

MA EPH

5454447MSDP ACAMS33MSD MSD 082430018A 05332

C:\CPWIN\DATA1\P262.38R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:56:32 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX84 1588

MA EPH

Sample ID: 5454447MSDP ACAMS33MSD MSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
28	3.434	C-9	2.4188	574778	.031	286888
41	5.121	C-10	2.8627	681183	.033	319935
67	8.174	C-12	3.2359	771108	.038	321685
89	10.822	C-14	3.4976	836813	.041	306692
106	13.173	C-16	3.6399	883583	.042	276023
122	15.295	C-18	3.6818	913685	.042	251733
129	16.282	C-19	3.619	896365	.043	241540
137	17.226	C-20	3.0032	750650	.045	237744
145	17.97	1-Chlorooctadecane	1.2272	278981	.043	90270
159	18.995	C-22	3.5081	849396	.043	264135
183	20.627	C-24	4.223	996598	.046	277002
202	22.139	C-26	4.8851	1182975	.046	294308
220	23.55	C-28	4.8263	1151950	.048	299072
234	24.867	C-30	4.2251	1038260	.048	293216
266	28.373	C-36	3.334	790165	.051	234842

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	193.367	37.052	4815963.0	9.738
2	16.200	28.470	328.510	62.948	20047840.0	40.538

Total slice amount= 521.877
Total slice amount %= 100.0

Total slice area= 24863800.0
Total slice area %= 50.3

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 4815963
Unadjusted Aliphatics AMOUNT (C9- <C19) = 17.36441 PPM

Unadjusted Aliphatics AREA (C19- C36) = 2.004784E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 69.93703 PPM*

* Needs to have surr. amt. (from replot) subtracted!

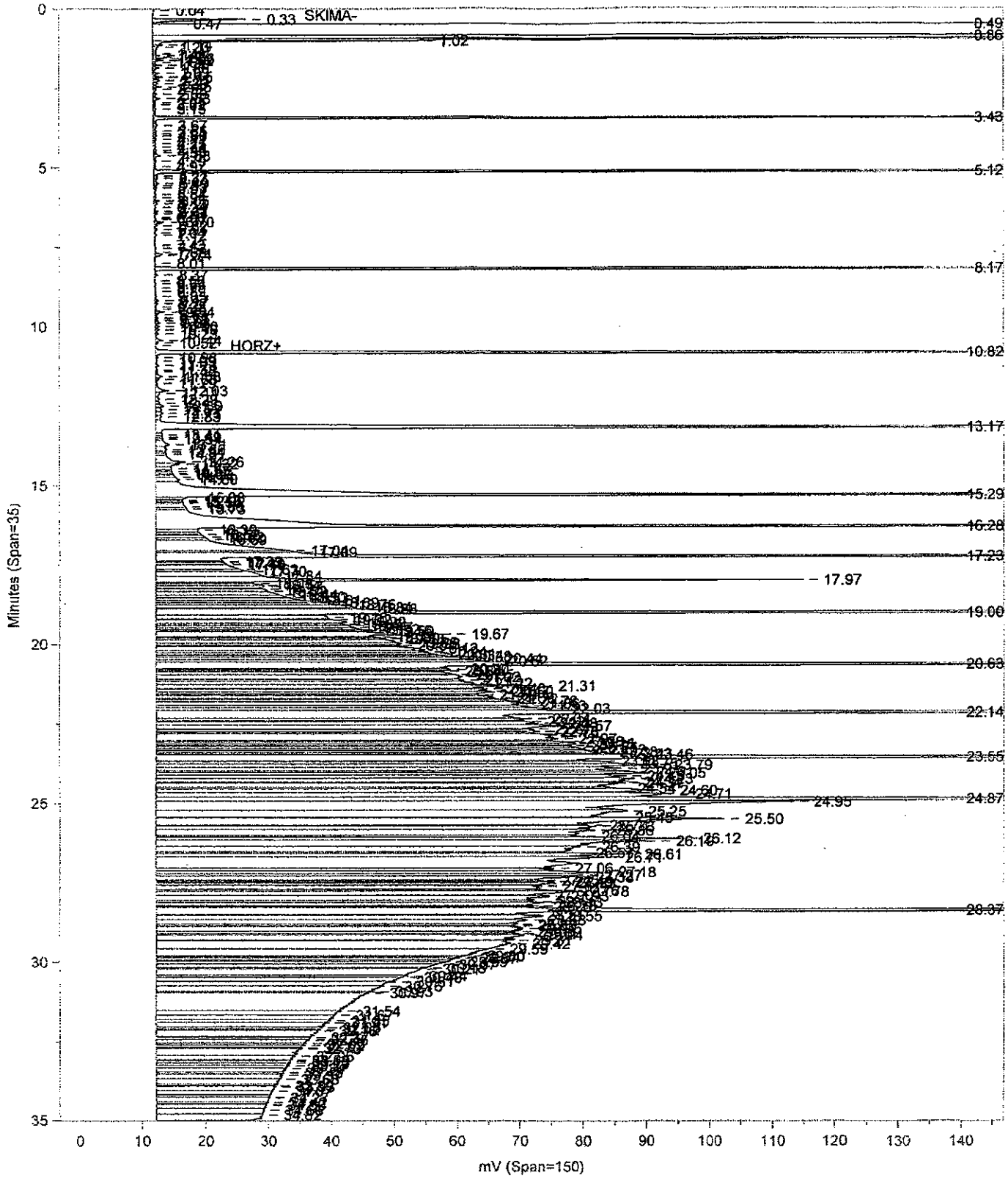
FILES:
Area File: C:\CPWIN\DATA1\P262.38A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/19/2008 5:31:36 PM
File reported on: 9/19/2008 at 5:31:36 PM

Not Used
See Reintegration

MA EPH

5454447MSDP ACAMS33MSD MSD 082430018A 05332

C:\CPWIN\DATA1\P262.38R



Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:56:32 PM

Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 10 Dilution Factor: 1

ASX04 1502

MA EPH

Sample ID: 5454447MSDP ACAMS33MSD MSD 082430018A 05332
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
28	3.434	C-9	2.4188	574778	.031	286888
41	5.121	C-10	2.8627	681183	.033	319935
67	8.174	C-12	3.2359	771108	.038	321685
89	10.822	C-14	3.4981	836922	.041	306703
106	13.173	C-16	3.7118	901046	.042	276802
122	15.295	C-18	4.0825	1013130	.042	255437
129	16.282	C-19	4.4325	1097858	.043	247642
137	17.226	C-20	3.6298	907255	.045	247532
145	17.97	1-Chlorooctadecane	1.8649	423956	.043	103178
159	18.995	C-22	4.3337	1049306	.043	281329
183	20.627	C-24	5.4166	1278287	.046	301042
202	22.139	C-26	6.8232	1652285	.046	324682
220	23.55	C-28	6.4502	1539534	.048	335361
234	24.867	C-30	5.472	1344686	.048	335024
266	28.373	C-36	6.4352	1525162	.051	291346

Slice	Start Time	Stop Time	Slice Amount	Amount %	Slice Area	Area %
1	3.310	16.200	198.098	30.633	5210321.0	6.137
2	16.200	28.470	448.581	69.367	43224850.0	50.912

Total slice amount= 646.679
Total slice amount %= 100.0

Total slice area= 48435170.0
Total slice area %= 57.0

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 5210321
Unadjusted Aliphatics AMOUNT (C9- <C19) = 18.7863 PPM

Unadjusted Aliphatics AREA (C19- C36) = 4.322485E+07
Unadjusted Aliphatics AMOUNT (C19- C36) = 150.7902 PPM*

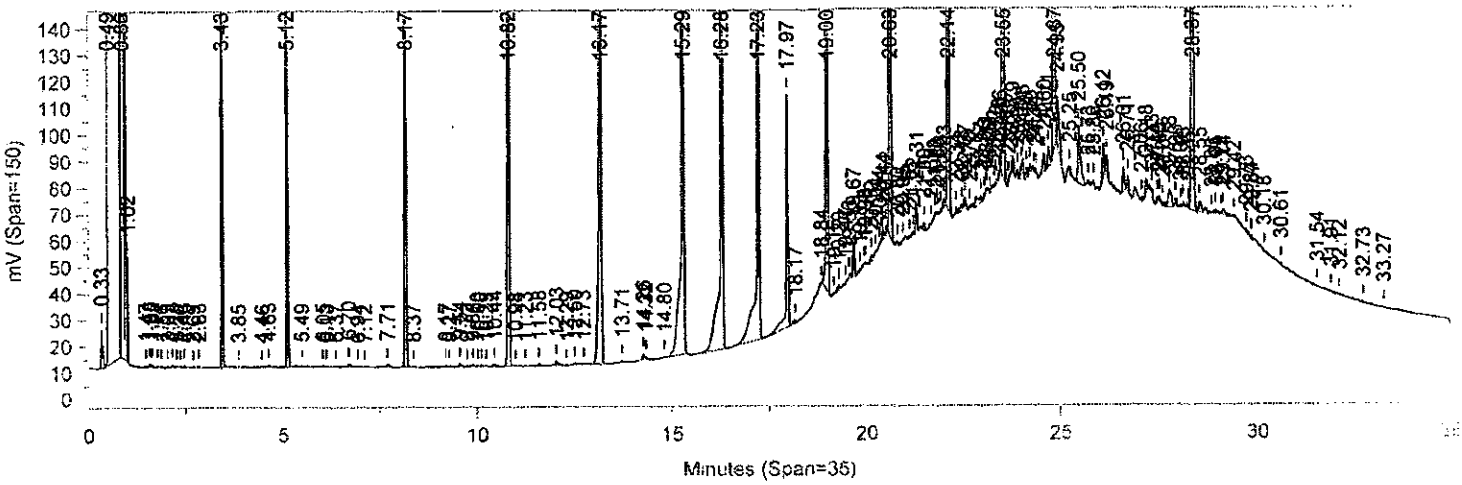
* Needs to have surr. amt. (from replot) subtracted!

M = Manually Integrated
Analyst [illegible] 9/22/08
Approved by _____
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other _____

FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 11:07:08 AM
File reported on: 9/22/2008 at 11:07:08 AM

ASX04 1583

MA EPH
5454447MSDP ACAMS33MSD MSD 082430018A 05332
C:\CPWIN\DATA1\P262.38R



Sample Name:5454447MSDP ACAMS33MSD MSD 082430018A 05332A

Instrument ID:CP25--H6610A Injected on: 9/19/2008 4:56:32 PM
Volume Inj. per Column: 1 GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10 Dilution Factor: 1
Analyst: 375

Peak #	Ret Time (min)	Peak Name	Amount PPM	Peak Area	Peak Width (min)	Peak Height
17	3.434	C-9	2.402	570786	.031	286643
21	5.121	C-10	2.8503	678222	.033	319718
30	8.174	C-12	3.2339	770611	.038	321652
41	10.822	C-14	3.4934	835808	.041	306616
49	13.173	C-16	3.6399	883583	.042	276023
54	15.295	C-18	3.6245	899467	.042	251039
55	16.282	C-19	3.6078	893605	.043	241371
56	17.226	C-20	3.5666	891459	.045	237719
57	17.97	1-Chlorooctadecane	1.3178	299581	.044	88616
60	18.995	C-22	2.976	720565	.043	253513
74	20.627	C-24	3.0648	723263	.045	252811
86	22.139	C-26	3.1883	772059	.046	266303
99	23.55	C-28	3.3314	795137	.048	265282
112	24.867	C-30	3.0611	752233	.048	253823
134	28.373	C-36	3.2662	774086	.051	233634

1-CHLOROOCTADECANE % RECOVERY = 63.77787 %

TOTAL SURROGATE AMOUNT = 1.317778 PPM

FILES:
Area File: C:\CPWIN\DATA1\P262.38A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/19/2008 5:31:44 PM
File reported on: 9/19/2008 at 5:31:43 PM

ASX04 1504

Extraction/Distillation/Digestion Logs

ASX04 1585

Organic Extraction Batchlog

082430018A

Reviewed By: RLM/375 Start Date: 9/2/08 Start Time: 0/1000 DT277 9/2/08

Tech 1: DT277 Tech 2:

Prep Group # 408 MA EPH-Soils Dept: 32 Prep Analysis # 02168 Extraction - DRO Soil Special

QC	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
BLANKA	PBLK0A	10	SS0819932A SS0820632B	0.5 1.0			1.0	N/A	N/A	N/A	Na2SO4
LCSA	LCSCH	10	SS0819932A SS0820632B	0.5 1.0	MS0818432A	1.0					
LCSDA	LCSDF0	10	SS0819932A SS0820632B	0.5 1.0	MS0818432A						
5454446MS	AMS33MS	10	SS0819932A SS0820632B	0.5 1.0	MS0818432A					SPA	Fine soil, stones
5454447MSD	AMS33MSD	10	SS0819932A SS0820632B	0.5 1.0	MS0818432A						

Solvent Used	Lot No.
Filter paper	J11374818
Hexane	629E48
Methylene Chloride	692E43
Sodium Sulfate	08246A

Spike Solutions: **Witness:** CW2033

SS0820632B MASS. / WA. EPH SURROGATE
SS0819932A MASS. FRACTIONATION SURR.
~~MS0818432A~~ MASS. SPIKING SOLUTION
MS 0822052C DT277 9/2/08

	Sample #	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	Due Date	Pr
1	5454413	AMSS5	10	SS0819932A SS0820632B	0.5 1.0	1.0	N/A	N/A	SPA	dark soil, stones DT277 9/2/08	5332	9/10/2008	N
2	5454424	AMS15	10	SS0819932A SS0820632B	0.5 1.0					dark soil, stones	5332	9/10/2008	N
3	5454425	AMSSY	10	SS0819932A SS0820632B	0.5 1.0					dark soil, stones	5332	9/10/2008	N
4	5454445 bkg	AMS33	10	SS0819932A SS0820632B	0.5 1.0					fine soil, stones	5332	9/10/2008	N
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

DT277 9/2/08

Rack ID:	—	Work Station:	Sonic Hood 5	S-bath ID 12	96 °C	S-bath ID	°C	N-Evap	°C	M-vap	°C
Internal Standard		Balance #	2410								

082430018A

Documented temps are NIST corrected.

DF = Dilution Factor FV = Final Volume

Prep-Process Worksheet

SG-Aromatic Fraction

Prep Analysis # 02168 Extraction - DRO Soil Special

Prep Group # 408 MA EPH-Soils

Verified: RGB/375
Start Date: 9/3/08
Start Time: 1615
Tech 1: eo463
Tech 2:

BATCH NO. 082430018A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	1.0	1.0				
2	LCSA						
3	LCSDA						
4	5454446MS						5332
5	5454447MSD						5332
6	5454413						5332
7	5454424						5332
8	5454425						5332
9	5454445						5332
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
						eo463	9/3/08

Beginning Temp 73°F
Humidity 47%

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
Pentane	CV923		
column	706150-A2		

S-Evap/bath	85 °C	S-Evap/bath	°C	N-Evap	°C

The documented temperatures are NIST corrected.

ASX04 1507

Prep-Process Worksheet

SG-Aliphatic Fraction

Prep Analysis # 02168 Extraction - DRO Soil Special

Prep Group # 408 MA EPH-Soils

Verified: RCM/375

Start Date: 9/3/08

Start Time: 1530

Tech 1: e0463

Tech 2:

BATCH NO. 082430018A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	1.0	1.0				
2	LCSA						
3	LCSDA						
4	5454446MS						5332
5	5454447MSD						5332
6	5454413						5332
7	5454424						5332
8	5454425						5332
9	5454445						5332
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
							e0463 9/3/08

Beginning Temp 73°F
Humidity 47%

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
Pentane	CV923		
Column	706150-A2		

S-Evap/bath	85 °C	S-Evap/bath	°C	N-Evap	°C

The documented temperatures are NIST corrected.

ASX04 1508

Moisture Data

ASX04 1589

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX04

MOISTURE

SAMPLE NUMBERS:

Sample #	Sample Code
5454409	AMSS1
5454410	AMSS2
5454411	AMSS3
5454412	AMSS4
5454413	AMSS5
5454414	AMSSX
5454415	AMSS6
5454416	AMSS7
5454417	AMSS8
5454418	AMSS9
5454419	AMS10
5454420	AMS11
5454421	AMS12
5454422	AMS13
5454423	AMS14
5454424	AMS15
5454425	AMSSY
5454426	AMS16
5454427	AMS17
5454428	AMS18

Laboratory Compliance Quality Control

Analysis Name	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08248820001A	Sample number(s): 5454409-5454416, 5454418				
Moisture	100		99-101		
Batch number: 08248820001B	Sample number(s): 5454419-5454428				
Moisture	100		99-101		
Batch number: 08249820002A	Sample number(s): 5454417				
Moisture	100		99-101		

Sample Matrix Quality Control

Analysis Name	BKG Conc	DUP Conc	RPD	RPD Max
Batch number: 08248820001A	Sample number(s): 5454409-5454416, 5454418			
Moisture	6.4	6.9	9	15
Batch number: 08248820001B	Sample number(s): 5454419-5454428			
Moisture	7.6	7.9	5	15
Batch number: 08249820002A	Sample number(s): 5454417			
Moisture	18.0	20.2	12	15

* - Outside of specification
(1) - The result for one or both determinations was less than five times the LOQ.

ASX04 1510

Lancaster Laboratories

MOISTURE

CLIENT: Stantec
SDG: ASX04

Moisture Data Report

Batch #: 08248820001

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
LCS 89.5% Std.			1.1450	5.0049	1.6735	89.44	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454409BKG	A	00111	1.0801	6.3933	7.0671	6.36	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454409DUP	A	00111	1.0917	6.2481	6.9061	6.94	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454410	A	00111	1.0664	6.7676	7.4845	5.16	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454411	A	00111	1.0941	6.6833	7.2795	7.45	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454412	A	00111	1.0948	5.7633	6.3516	8.79	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454413	A	00111	1.1030	5.9791	6.5438	9.00	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454414	A	00111	1.1063	6.9621	7.4512	8.87	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454415	A	00111	1.1479	6.2664	6.9819	6.90	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454416	A	00111	1.1172	5.4116	5.8686	12.20	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454418	A	00111	1.1031	5.2305	5.4419	17.05	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454419	B	00111	1.1114	6.4400	6.8622	10.70	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454420	B	00111	1.1087	7.8525	7.6271	16.99	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454421	B	00111	1.0961	6.6123	6.1466	23.62	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454422	B	00111	1.0879	5.4820	5.5109	19.32	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454423	B	00111	1.1067	6.0418	6.2026	15.66	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454424	B	00111	1.0811	5.9974	6.4314	10.79	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454425	B	00111	1.0746	5.9906	6.5117	9.24	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454426BKG	B	00111	1.0940	6.0757	6.7091	7.58	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454426DUP	B	00111	1.0894	6.0252	6.6361	7.94	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454427	B	00111	1.0816	6.6677	7.3422	6.11	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)
5454428	B	00111	1.0836	5.4055	6.0608	7.92	9/ 4/08 (0189/WCS)	9/ 5/08 (0236/CW)

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Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
LCS 89.5% Std.			1.0655	5.0055	1.5931	89.46	9/ 5/08 (1201/SWF)	9/ 9/08 (0236/CW)
5454417	A	00111	1.0959	5.3235	5.8703	10.31	9/ 5/08 (1201/SWF)	9/ 9/08 (0236/CW)
P457408BKG	A	00111	1.0866	7.3066	7.0815	17.95	9/ 5/08 (1201/SWF)	9/ 9/08 (0236/CW)
P457408DUP	A	00111	1.1165	7.7021	7.2659	20.16	9/ 5/08 (1201/SWF)	9/ 9/08 (0236/CW)

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