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Type I Data Package
for
Stantec

SDG# ASX05

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

GROUP	SAMPLE NUMBERS
1107636	5454430-5454450

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

Prepared by C H Schwarz

Reviewed by Audrey McClure

Date 10-2-08

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Sample Reference List for SDG Number ASX05 with a Data Package Type of I

11289 - Stantec

Project: Amtrak Wilmington

Lab Sample Number	Lab Sample Code	Client Sample Description
5454430	AMS19	SS-19 Grab Soil Sample
5454431	AMS20	SS-20 Grab Soil Sample
5454432	AMS21	SS-21 Grab Soil Sample
5454433	AMS22	SS-22 Grab Soil Sample
5454434	AMS23	SS-23 Grab Soil Sample
5454435	AMS43	SS-43 Grab Soil Sample
5454436	AMS24	SS-24 Grab Soil Sample
5454437	AMS25	SS-25 Grab Soil Sample
5454438	AMS26	SS-26 Grab Soil Sample
5454439	AMS27	SS-27 Grab Soil Sample
5454440	AMS31	SS-31 Grab Soil Sample
5454441	AMS30	SS-30 Grab Soil Sample
5454442	AMS29	SS-29 Grab Soil Sample
5454443	AMS28	SS-28 Grab Soil Sample
5454444	AMS32	SS-32 Grab Soil Sample
5454445	AMS33	SS-33 Unspiked Grab Soil Sample
5454446	AMS33	SS-33MS Matrix Spike Grab Soil Sample
5454447	AMS33	SS-33MSD Matrix Spike Dup Grab Soil Sample
5454448	AMS34	SS-34 Grab Soil Sample
5454449	AMS2-	SS-Z(082608) Grab Soil Sample
5454450	AMSB2	Storage Blank Grab Water Sample

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11289 Group# 1107636 Sample # 5454430-50

COC # 189994

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

(1)
Client: Stauber (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

For Lab Use Only
FSC:
SCR#:

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

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	# of Containers	Matrix	PCB 8082	Remarks
SS-19	8-26-08	1230	X	X	X	
SS-20		1240	X	X	X	
SS-21		1245	X	X	X	
SS-22		1250	X	X	X	
SS-23		1255	X	X	X	
SS-43		1320	X	X	X	
SS-24		1345	X	X	X	
SS-25		1400	X	X	X	
SS-26		1410	X	X	X	
SS-27		1415	X	X	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 #: Fax #:
E-mail address:

(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
[illegible]	8-28-08		P. Lefever	8/28/08	1132
P. Lefever	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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11289 Group# 1107636 Sample # 5454430-50

COC # 189995

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

For Lab Use Only
FSC: _____
SCR#: _____

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

(1)
Client: Stantec (Secor) Acct. #: 6207.01057.04
Project Name/#: Amtrak Wilmington PWSID #: _____
Project Manager: Steve Baggett P.O.#: _____
Sampler: P. Miller Quote #: _____
Name of state where samples were collected: Delaware

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	PCB 8082	SVOC	MA-EPH	MA-VPH					Remarks
SS-31	8-26-08	1430	x		x		1	x								
SS-30		1435	x		x		1	x								
SS-29		1440	x		x		1	x								
SS-28		1445	x		x		1	x								
SS-32		1500	x		x		1	x								
SS-33		1525	x		x		4	x	x	x	x					
SS-33MS		1525	x		x		4	x	x	x	x					
SS-33MSD		1525	x		x		4	x	x	x	x					
SS-34		1610	x		x		1	x								
SS-Z(082608)		1610	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 #: _____ Fax #: _____
E-mail address: _____

(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 V (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
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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	Bagd	
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 ③ 048/390 10/1/08
Received 1 extra ~~Sample~~ of SS-S1 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

ASX05 0004

2174.03

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	042982	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
D R Neslund	8/29/08	0945	Place in Storage or (Entry)
			Entry
			Entry

2174.03

Chain-of-Custody Record

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Original Sample

Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preervative: MeOH Matrix: Soil SDG# ASX05

Sample # Range of Entry Group: 5454430-50 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)
5454445-47	208 DMeslund	SA Storage	8/29/08	1000	Entry to storage	
5454445-47	SA Storage	Main Storage	8/29/08	2120	Main Storage	
5454445-47	Main storage	D. Trumbly 277	9/2/08	0840	MA CPH Prep	X
5454445-47	D Trumbly 277	Main Storage	9/2/08	0850	Storage	

ASX05 0007

2016.01

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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: None Matrix: Soil SDG: ASX05

Sample # Range of Entry Group: 5454430-50 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)
5454430-44,48-49	208 [illegible]	SA Storage	8/29/08	1000	Entry to storage	
5454430-44, 48, 49	SA Storage	Stressler 201	8/29/08	2100	Homog	
5454430-44 48, 49	Stressler 201	Main Storage	8/29/08	2120	Storage	
5454430-44-48-49	Main Storage	S. Applegate 504	9/2/08	17:00	PCB Soils	X
5454430-44-48-49	S. Applegate 504	Main Storage	9/2/08	17:17	Storage	

ASX05 0008

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Secure Storage Chain of Custody
Subsample

Client/Project: Stantec-Amtrak

Sample # Range for Entry Group: 5454430-50 SDG: ASX05

Preservative: NONE Matrix: Soil Bottle Type (21) 1000ml 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)
545445-47	[illegible] 201	Main Storage	8/29/08	2120	Storage	
5454445,446,447	Storage	af2140	9/2/08	13:50	Bna soil extrac.	X
5454445,4446,447	af2140	Storage	9/2/08	14:16	Main Storage	

ASX05 0009

Lancaster Laboratories
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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: None Matrix: Soil SDG: ASX05

Sample # Range of Entry Group: 5454430-50 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)
5454445	208 [illegible]	SA Storage	8/29/08	1000	Entry to storage	
5454445	SA Storage	[illegible] 201	8/29/08	2100	Homog + Sub Sample	
5454445	[illegible] 201	main Storage	8/29/08	2120	Storage	

ASX05 0010

2016.01

Lancaster Laboratories
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Original Sample
Secure Storage Chain of Custody

Client/Project: Stantec - Amtrak

Preservative: HCL Matrix: Water SDG: ASX05

Sample # Range of Entry Group: 5454430-50 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)
5454450	208 DaReslund	SA Voa Fridge	08/29/08	1000	Entry to Storage	
5454450	SA voa storage	J. Mertz 1532	9.2.08	03:00	transfer to Putaway	
5454450	J. Mertz 1532	main voa storage	9.2.08	01:00	voa storage	
5454450	Main storage	K.R. James #200	9/4/08	11:05	Transfer to Dept 25	
5454450 "A" vial	K.R. James #200	Instr #1	9/4/08	11:40	Run for MA-VPH and [illegible]	
5454450 "B" vial	K.R. James #200	Dept 25 Refrig	9/4/08	11:40	Dept 25 storage	
5454450 "A" vial	Instr #1	K.R. James #200	9/5/08	13:40	Remove from Instr #1	
5454450 "A" vial	K.R. James #200	Dept 25 Storage	9/5/08	13:40	Dept 25 storage	

ASX05 0011

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 082430018A

Client Stantec

SDG: ASX05

Analysis: MA EPH-Soils

Sample IDs

5454445	5454446	5454447

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454445-47	D. Trenby 277	Dept 36 Storage	9/2/08	1410	Storage
5454445-47	Dept 36 Storage	E. 463 Stoltzfus	9/3/08	1415	SG Fraction
5454445-47	E. 463 Stoltzfus	Dept 32 storage	9/3/08	1815	storage
5454445-47	D. 32 Storage	R. Brown 375	9-18-08	0930	EPH GC analysis
5454445-47	R. Brown 375	H6610A	9-18-08	0930	EPH GC analysis

ASX05 0012

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 082460004A

Client Stantec

SDG: ASX05

Analysis: PCB soils

Sample IDs

5454430	5454431	5454432	5454433	5454434	5454435	5454436	5454437	5454438	5454439
5454440	5454441	5454442	5454443	5454444	5454445	5454446	5447447	5454448	5454449

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454430-439 440-449	S. Applegate SOL DEPT 24	Dept 24 120	9/3/08	1:00 AM	Storage
5454430 - 439	STORAGE	[illegible]	9/3/8	0800	PRESCREEN & ANALYSIS

ASX05 0013

Lancaster Laboratories

Organic Extraction
Secure Storage Chain of Custody
Extract

BATCH NO. 08246SLA026

Client Stantec

SDG: ASX05

Analysis: TC8 - Soil/Solid

Sample IDs
5454445 5454446 5454447

Sample Number(s)	Released by	Received by	Date	Time	Reason for Change of Custody
5454445, 446, 447	AP2140	Dept 26	9/2/08	8:15	Storage
5454445 ~~5454445~~, 446, 447	Dept. 26 FRZ	[illegible]	9-9-08	8:50	Internalize
5454445 ~~5454445~~, 446, 447	[illegible]	Dept. 26 FRZ	9-9-08	8:55	Storage
5454445, 46, 47	Dept 26 storage	HP09572	9-9-08	15:00	Analysis
5454445, 46, 47	HP09572	[illegible]	09/09/08	21:30	Removed from instrument
5454445, 46, 47	[illegible]	DEPT 26 STORAGE	09/09/08	21:31	Storage

ASX05 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
00118 Moisture
00121 Moisture Duplicate

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

REVISED

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 1107636. Samples arrived at the laboratory on Thursday, August 28, 2008. The PO# for this group is 1102.

Client Description	Lancaster Labs Number
SS-19 Grab Soil Sample	5454430
SS-20 Grab Soil Sample	5454431
SS-21 Grab Soil Sample	5454432
SS-22 Grab Soil Sample	5454433
SS-23 Grab Soil Sample	5454434
SS-43 Grab Soil Sample	5454435
SS-24 Grab Soil Sample	5454436
SS-25 Grab Soil Sample	5454437
SS-26 Grab Soil Sample	5454438
SS-27 Grab Soil Sample	5454439
SS-31 Grab Soil Sample	5454440
SS-30 Grab Soil Sample	5454441
SS-29 Grab Soil Sample	5454442
SS-28 Grab Soil Sample	5454443
SS-32 Grab Soil Sample	5454444
SS-33 Unspiked Grab Soil Sample	5454445
SS-33MS Matrix Spike Grab Soil Sample	5454446
SS-33MSD Matrix Spike Dup Grab Soil Sample	5454447
SS-34 Grab Soil Sample	5454448
SS-Z(082608) Grab Soil Sample	5454449
Storage Blank Grab Water Sample	5454450

METHODOLOGY

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

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

REVISED

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,

Sarah Snyder
Specialist

aSX05 0018

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

REVISED

Lancaster Laboratories Sample No. SW5454430 **Group No. 1107636**

SS-19 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:30 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:15
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS19 SDG#: ASX05-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	6.7	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	< 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	9,100	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 20:00	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0019

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454431 **Group No. 1107636**

SS-20 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:40 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:15
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS20 SDG#: ASX05-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	5.3	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	< 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	5,800	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 20:15	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0020

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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454432 **Group No. 1107636**

SS-21 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:45 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS21 SDG#: ASX05-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	10.9	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	< 190	190	ug/kg	10
01496	PCB-1221	11104-28-2	< 190	190	ug/kg	10
01497	PCB-1232	11141-16-5	< 190	190	ug/kg	10
01498	PCB-1242	53469-21-9	< 190	190	ug/kg	10
01499	PCB-1248	12672-29-6	< 190	190	ug/kg	10
01500	PCB-1254	11097-69-1	< 190	190	ug/kg	10
01501	PCB-1260	11096-82-5	1,900	190	ug/kg	10

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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 20:29	Jamie L Brillhart	10
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0021

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Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454433 **Group No. 1107636**

SS-22 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:50 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS22 SDG#: ASX05-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	8.7	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	< 190	190	ug/kg	10
01496	PCB-1221	11104-28-2	< 190	190	ug/kg	10
01497	PCB-1232	11141-16-5	< 190	190	ug/kg	10
01498	PCB-1242	53469-21-9	< 190	190	ug/kg	10
01499	PCB-1248	12672-29-6	< 190	190	ug/kg	10
01500	PCB-1254	11097-69-1	< 190	190	ug/kg	10
01501	PCB-1260	11096-82-5	1,700	190	ug/kg	10

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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 20:44	Jamie L Brillhart	10
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0022

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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454434 **Group No. 1107636**

SS-23 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 12:55 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS23 SDG#: ASX05-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	11.9	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	< 390	390	ug/kg	20
01496	PCB-1221	11104-28-2	< 390	390	ug/kg	20
01497	PCB-1232	11141-16-5	< 390	390	ug/kg	20
01498	PCB-1242	53469-21-9	< 390	390	ug/kg	20
01499	PCB-1248	12672-29-6	< 390	390	ug/kg	20
01500	PCB-1254	11097-69-1	710	390	ug/kg	20
01501	PCB-1260	11096-82-5	1,800	390	ug/kg	20

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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 17:13	Jamie L Brillhart	20
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0023

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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454435 **Group No. 1107636**

SS-43 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 13:20 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS43 SDG#: ASX05-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	23.5	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	18,000	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 21:13	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0024

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Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5454436 **Group No. 1107636**

SS-24 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 13:45 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
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AMS24 SDG#: ASX05-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	3.8	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	< 880	880	ug/kg	50
01496	PCB-1221	11104-28-2	< 880	880	ug/kg	50
01497	PCB-1232	11141-16-5	< 880	880	ug/kg	50
01498	PCB-1242	53469-21-9	< 880	880	ug/kg	50
01499	PCB-1248	12672-29-6	< 880	880	ug/kg	50
01500	PCB-1254	11097-69-1	< 880	880	ug/kg	50
01501	PCB-1260	11096-82-5	8,300	880	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 21:27	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0025

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PO Box 12425
Lancaster, PA 17605-2425
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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454437 **Group No. 1107636**

SS-25 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS25 SDG#: ASX05-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	1.6	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	< 1,700	1,700	ug/kg	100
01496	PCB-1221	11104-28-2	< 1,700	1,700	ug/kg	100
01497	PCB-1232	11141-16-5	< 1,700	1,700	ug/kg	100
01498	PCB-1242	53469-21-9	< 1,700	1,700	ug/kg	100
01499	PCB-1248	12672-29-6	< 1,700	1,700	ug/kg	100
01500	PCB-1254	11097-69-1	14,000	1,700	ug/kg	100
01501	PCB-1260	11096-82-5	< 1,700	1,700	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 22:10	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0026

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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454438 **Group No. 1107636**

SS-26 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:10 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS26 SDG#: ASX05-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	3.0	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	< 1,800	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	6,900	1,800	ug/kg	100
01501	PCB-1260	11096-82-5	10,000	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 22:25	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0027

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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454439 **Group No. 1107636**

SS-27 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:15 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
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Exton PA 19341

AMS27 SDG#: ASX05-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	1.7	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	< 860	860	ug/kg	50
01496	PCB-1221	11104-28-2	< 860	860	ug/kg	50
01497	PCB-1232	11141-16-5	< 860	860	ug/kg	50
01498	PCB-1242	53469-21-9	< 860	860	ug/kg	50
01499	PCB-1248	12672-29-6	< 860	860	ug/kg	50
01500	PCB-1254	11097-69-1	< 860	860	ug/kg	50
01501	PCB-1260	11096-82-5	5,200	860	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 22:39	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0028

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5454440 **Group No. 1107636**

SS-31 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:30 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
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AMS31 SDG#: ASX05-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	2.4	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	< 870	870	ug/kg	50
01496	PCB-1221	11104-28-2	< 870	870	ug/kg	50
01497	PCB-1232	11141-16-5	< 870	870	ug/kg	50
01498	PCB-1242	53469-21-9	< 870	870	ug/kg	50
01499	PCB-1248	12672-29-6	< 870	870	ug/kg	50
01500	PCB-1254	11097-69-1	< 870	870	ug/kg	50
01501	PCB-1260	11096-82-5	4,800	870	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 22:53	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0029

Lancaster Laboratories, Inc.
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717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

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Lancaster Laboratories Sample No. SW5454441 **Group No. 1107636**

SS-30 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:35 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS30 SDG#: ASX05-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	11.2	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	< 4,800	4,800	ug/kg	250
01496	PCB-1221	11104-28-2	< 4,800	4,800	ug/kg	250
01497	PCB-1232	11141-16-5	< 4,800	4,800	ug/kg	250
01498	PCB-1242	53469-21-9	< 4,800	4,800	ug/kg	250
01499	PCB-1248	12672-29-6	< 4,800	4,800	ug/kg	250
01500	PCB-1254	11097-69-1	16,000	4,800	ug/kg	250
01501	PCB-1260	11096-82-5	32,000	4,800	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 17:27	Jamie L Brillhart	250
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0030

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

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Lancaster Laboratories Sample No. SW5454442 **Group No. 1107636**

SS-29 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:40 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS29 SDG#: ASX05-13

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	4.6	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	< 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	9,700	1,800	ug/kg	100
01501	PCB-1260	11096-82-5	10,000	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 17:42	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0031

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

REVISED

Lancaster Laboratories Sample No. SW5454443 **Group No. 1107636**

SS-28 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 14:45 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS28 SDG#: ASX05-14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	4.5	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	18	ug/kg	1
01496	PCB-1221	11104-28-2	< 18	18	ug/kg	1
01497	PCB-1232	11141-16-5	< 18	18	ug/kg	1
01498	PCB-1242	53469-21-9	< 18	18	ug/kg	1
01499	PCB-1248	12672-29-6	< 18	18	ug/kg	1
01500	PCB-1254	11097-69-1	< 18	18	ug/kg	1
01501	PCB-1260	11096-82-5	130	18	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 23:37	Jamie L Brillhart	1
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0032

Lancaster Laboratories, Inc.
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717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454444 **Group No. 1107636**

SS-32 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:00 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS32 SDG#: ASX05-15

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	5.5	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	12,000	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/04/2008 23:51	Jamie L Brillhart	100
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0033

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. SW5454445 **Group No. 1107636**

SS-33 Unspiked Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS33 SDG#: ASX05-16BKG

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	4.7	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.					
05332	MA EPH - Soils					
05349	Naphthalene	91-20-3	< 0.52	0.52	mg/kg	1
05350	Acenaphthylene	208-96-8	< 0.52	0.52	mg/kg	1
05351	Acenaphthene	83-32-9	< 0.52	0.52	mg/kg	1
05352	Fluorene	86-73-7	< 0.52	0.52	mg/kg	1
05353	Phenanthrene	85-01-8	< 0.52	0.52	mg/kg	1
05354	Anthracene	120-12-7	< 0.52	0.52	mg/kg	1
05355	Fluoranthene	206-44-0	< 0.52	0.52	mg/kg	1
05356	Pyrene	129-00-0	< 0.52	0.52	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	< 0.52	0.52	mg/kg	1
05358	Chrysene	218-01-9	< 0.52	0.52	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	< 0.52	0.52	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	< 0.52	0.52	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	< 0.52	0.52	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	< 0.52	0.52	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	< 0.52	0.52	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	< 0.52	0.52	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	< 0.52	0.52	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	< 6.3	6.3	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	220	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	52	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	52	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	< 170	170	ug/kg	1
01186	2-Chlorophenol	95-57-8	< 170	170	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	< 170	170	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	< 170	170	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	< 170	170	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	< 170	170	ug/kg	1
01191	Acenaphthene	83-32-9	< 170	170	ug/kg	1
01192	4-Nitrophenol	100-02-7	< 520	520	ug/kg	1

ASX05 0034

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454445 **Group No. 1107636**

SS-33 Unspiked Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16BKG

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
01193	2,4-Dinitrotoluene	121-14-2	< 170	170	ug/kg	1
01194	Pentachlorophenol	87-86-5	< 520	520	ug/kg	1
01195	Pyrene	129-00-0	280	170	ug/kg	1
03746	2-Nitrophenol	88-75-5	< 170	170	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	< 170	170	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	< 170	170	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	< 170	170	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,100	2,100	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	< 520	520	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	< 170	170	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	< 170	170	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	< 170	170	ug/kg	1
03757	Hexachloroethane	67-72-1	< 170	170	ug/kg	1
03758	Nitrobenzene	98-95-3	< 170	170	ug/kg	1
03759	Isophorone	78-59-1	< 170	170	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	< 170	170	ug/kg	1
03761	Naphthalene	91-20-3	< 170	170	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	< 170	170	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	< 520	520	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	< 170	170	ug/kg	1
03765	Acenaphthylene	208-96-8	< 170	170	ug/kg	1
03766	Dimethylphthalate	131-11-3	< 170	170	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	< 170	170	ug/kg	1
03768	Fluorene	86-73-7	< 170	170	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	< 170	170	ug/kg	1
03770	Diethylphthalate	84-66-2	< 170	170	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	< 170	170	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	< 170	170	ug/kg	1
03774	Hexachlorobenzene	118-74-1	< 170	170	ug/kg	1
03775	Phenanthrene	85-01-8	< 170	170	ug/kg	1
03776	Anthracene	120-12-7	< 170	170	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	< 170	170	ug/kg	1
03778	Fluoranthene	206-44-0	200	170	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	< 170	170	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	< 170	170	ug/kg	1
03782	Chrysene	218-01-9	250	170	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	< 350	350	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	< 350	350	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	< 170	170	ug/kg	1

ASX05 0035

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454445 **Group No. 1107636**

SS-33 Unspiked Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16BKG

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03786	Benzo(b)fluoranthene	205-99-2	340	170	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	< 170	170	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	180	170	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	< 170	170	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	< 170	170	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	190	170	ug/kg	1
04690	2-Methylphenol	95-48-7	< 170	170	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	< 170	170	ug/kg	1
04692	4-Methylphenol	106-44-5	< 170	170	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	< 170	170	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	< 170	170	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	< 170	170	ug/kg	1
04696	2-Nitroaniline	88-74-4	< 170	170	ug/kg	1
04697	3-Nitroaniline	99-09-2	< 170	170	ug/kg	1
04698	Dibenzofuran	132-64-9	< 170	170	ug/kg	1
04700	4-Nitroaniline	100-01-6	< 170	170	ug/kg	1
04702	Carbazole	86-74-8	< 170	170	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	09/02/2008 15:37	Scott W Freisher	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 12:43	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 13:33	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 17:58	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

ASX05 0036

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

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454446 **Group No. 1107636**

SS-33MS Matrix Spike Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MS

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00118	Moisture	n.a.	4.7	0.50	%	1
05332	MA EPH - Soils					
05349	Naphthalene	91-20-3	3.7	0.52	mg/kg	1
05350	Acenaphthylene	208-96-8	4.1	0.52	mg/kg	1
05351	Acenaphthene	83-32-9	4.1	0.52	mg/kg	1
05352	Fluorene	86-73-7	4.1	0.52	mg/kg	1
05353	Phenanthrene	85-01-8	4.1	0.52	mg/kg	1
05354	Anthracene	120-12-7	4.2	0.52	mg/kg	1
05355	Fluoranthene	206-44-0	4.3	0.52	mg/kg	1
05356	Pyrene	129-00-0	4.3	0.52	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	3.5	0.52	mg/kg	1
05358	Chrysene	218-01-9	3.8	0.52	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	4.4	0.52	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	4.2	0.52	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	4.2	0.52	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	4.0	0.52	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	4.0	0.52	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	4.3	0.52	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	3.9	0.52	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	18	6.3	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	58	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	< 13	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	79	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	1,600	170	ug/kg	1
01186	2-Chlorophenol	95-57-8	1,600	170	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	1,500	170	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	1,500	170	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	1,800	170	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	1,600	170	ug/kg	1
01191	Acenaphthene	83-32-9	1,700	170	ug/kg	1
01192	4-Nitrophenol	100-02-7	1,500	520	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	1,700	170	ug/kg	1
01194	Pentachlorophenol	87-86-5	930	520	ug/kg	1
01195	Pyrene	129-00-0	2,000	170	ug/kg	1

ASX05 0037

Lancaster Laboratories, Inc.
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717-656-2300 Fax: 717-656-2681

Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454446 **Group No. 1107636**

SS-33MS Matrix Spike Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MS

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03746	2-Nitrophenol	88-75-5	1,600	170	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	1,600	170	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	1,600	170	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	1,600	170	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,100	2,100	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	1,400	520	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	1,500	170	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	1,500	170	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	1,600	170	ug/kg	1
03757	Hexachloroethane	67-72-1	1,500	170	ug/kg	1
03758	Nitrobenzene	98-95-3	1,600	170	ug/kg	1
03759	Isophorone	78-59-1	1,600	170	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	1,500	170	ug/kg	1
03761	Naphthalene	91-20-3	1,700	170	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	1,900	170	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	2,500	520	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	1,900	170	ug/kg	1
03765	Acenaphthylene	208-96-8	1,800	170	ug/kg	1
03766	Dimethylphthalate	131-11-3	1,600	170	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	1,700	170	ug/kg	1
03768	Fluorene	86-73-7	1,700	170	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	1,700	170	ug/kg	1
03770	Diethylphthalate	84-66-2	1,600	170	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	2,000	170	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	1,800	170	ug/kg	1
03774	Hexachlorobenzene	118-74-1	1,700	170	ug/kg	1
03775	Phenanthrene	85-01-8	1,900	170	ug/kg	1
03776	Anthracene	120-12-7	1,800	170	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	1,600	170	ug/kg	1
03778	Fluoranthene	206-44-0	1,600	170	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	1,700	170	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,800	170	ug/kg	1
03782	Chrysene	218-01-9	1,900	170	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	1,300	350	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	1,800	350	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	1,600	170	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,800	170	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	1,700	170	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,900	170	ug/kg	1

ASX05-0038

Lancaster Laboratories, Inc.
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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454446 **Group No. 1107636**

SS-33MS Matrix Spike Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MS

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03789	Indeno(1,2,3-cd)pyrene	193-39-5	1,800	170	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	1,900	170	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	1,900	170	ug/kg	1
04690	2-Methylphenol	95-48-7	1,800	170	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	1,700	170	ug/kg	1
04692	4-Methylphenol	106-44-5	1,700	170	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	690	170	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	1,700	170	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	1,500	170	ug/kg	1
04696	2-Nitroaniline	88-74-4	1,600	170	ug/kg	1
04697	3-Nitroaniline	99-09-2	1,500	170	ug/kg	1
04698	Dibenzofuran	132-64-9	1,600	170	ug/kg	1
04700	4-Nitroaniline	100-01-6	1,200	170	ug/kg	1
04702	Carbazole	86-74-8	1,600	170	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
00118	Moisture	SM20 2540 G	1	09/02/2008 15:37	Scott W Freisher	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 14:23	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 15:15	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 18:22	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

ASX05 0039

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. SW5454447 **Group No. 1107636**

SS-33MSD Matrix Spike Dup Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MSD

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00118	Moisture	n.a.	4.7	0.50	%	1
00121	Moisture Duplicate	n.a.	4.7	0.50	%	1

The duplicate moisture value is provided to assess the precision of the moisture test. For comparability purposes, the initial moisture determination is the value used to perform dry weight calculations.

05332 MA EPH - Soils

05349	Naphthalene	91-20-3	3.4	0.52	mg/kg	1
05350	Acenaphthylene	208-96-8	3.7	0.52	mg/kg	1
05351	Acenaphthene	83-32-9	3.6	0.52	mg/kg	1
05352	Fluorene	86-73-7	3.7	0.52	mg/kg	1
05353	Phenanthrene	85-01-8	3.5	0.52	mg/kg	1
05354	Anthracene	120-12-7	3.7	0.52	mg/kg	1
05355	Fluoranthene	206-44-0	3.7	0.52	mg/kg	1
05356	Pyrene	129-00-0	3.8	0.52	mg/kg	1
05357	Benzo(a)anthracene	56-55-3	3.1	0.52	mg/kg	1
05358	Chrysene	218-01-9	3.4	0.52	mg/kg	1
05359	Benzo(b)fluoranthene	205-99-2	3.8	0.52	mg/kg	1
05360	Benzo(k)fluoranthene	207-08-9	3.9	0.52	mg/kg	1
05361	Benzo(a)pyrene	50-32-8	3.7	0.52	mg/kg	1
05362	Indeno(1,2,3-cd)pyrene	193-39-5	3.5	0.52	mg/kg	1
05363	Dibenzo(a,h)anthracene	53-70-3	3.5	0.52	mg/kg	1
05364	Benzo(g,h,i)perylene	191-24-2	3.8	0.52	mg/kg	1
08395	2-Methylnaphthalene	91-57-6	3.5	0.52	mg/kg	1
08396	C9 to C18 Aliphatics	n.a.	20	6.3	mg/kg	1
08397	C19 to C36 Aliphatics	n.a.	160	13	mg/kg	1
08398	C11 to C22 Aromatics	n.a.	22	13	mg/kg	1
08837	Unadjusted C11 - C22 Aromatics	n.a.	83	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	1,600	170	ug/kg	1
01186	2-Chlorophenol	95-57-8	1,600	170	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	1,500	170	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	1,500	170	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	1,800	170	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	1,700	170	ug/kg	1
01191	Acenaphthene	83-32-9	1,800	170	ug/kg	ASX05 0040

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454447 **Group No. 1107636**

SS-33MSD Matrix Spike Dup Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

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102 Pickering Way
Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MSD

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
01192	4-Nitrophenol	100-02-7	1,500	520	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	1,700	170	ug/kg	1
01194	Pentachlorophenol	87-86-5	790	520	ug/kg	1
01195	Pyrene	129-00-0	2,100	170	ug/kg	1
03746	2-Nitrophenol	88-75-5	1,700	170	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	1,600	170	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	1,600	170	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	1,700	170	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	< 2,100	2,100	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	770	520	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	1,600	170	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	1,500	170	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	1,600	170	ug/kg	1
03757	Hexachloroethane	67-72-1	1,500	170	ug/kg	1
03758	Nitrobenzene	98-95-3	1,600	170	ug/kg	1
03759	Isophorone	78-59-1	1,600	170	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	1,600	170	ug/kg	1
03761	Naphthalene	91-20-3	1,700	170	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	1,900	170	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	2,400	520	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	2,000	170	ug/kg	1
03765	Acenaphthylene	208-96-8	1,800	170	ug/kg	1
03766	Dimethylphthalate	131-11-3	1,700	170	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	1,700	170	ug/kg	1
03768	Fluorene	86-73-7	1,700	170	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	1,700	170	ug/kg	1
03770	Diethylphthalate	84-66-2	1,700	170	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	2,000	170	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	1,800	170	ug/kg	1
03774	Hexachlorobenzene	118-74-1	1,700	170	ug/kg	1
03775	Phenanthrene	85-01-8	1,800	170	ug/kg	1
03776	Anthracene	120-12-7	1,800	170	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	1,600	170	ug/kg	1
03778	Fluoranthene	206-44-0	1,700	170	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	1,700	170	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	1,900	170	ug/kg	1
03782	Chrysene	218-01-9	1,900	170	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	1,200	350	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	1,900	350	ug/kg	1

ASX05 0041

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454447 **Group No. 1107636**

SS-33MSD Matrix Spike Dup Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

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Suite 200
Exton PA 19341

AMS33 SDG#: ASX05-16MSD

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
03785	Di-n-octylphthalate	117-84-0	1,600	170	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	1,900	170	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	1,700	170	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	1,900	170	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	1,900	170	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	1,900	170	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	1,900	170	ug/kg	1
04690	2-Methylphenol	95-48-7	1,700	170	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	1,700	170	ug/kg	1
04692	4-Methylphenol	106-44-5	1,700	170	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	660	170	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	1,700	170	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	1,600	170	ug/kg	1
04696	2-Nitroaniline	88-74-4	1,700	170	ug/kg	1
04697	3-Nitroaniline	99-09-2	1,500	170	ug/kg	1
04698	Dibenzofuran	132-64-9	1,700	170	ug/kg	1
04700	4-Nitroaniline	100-01-6	1,200	170	ug/kg	1
04702	Carbazole	86-74-8	1,600	170	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
00118	Moisture	SM20 2540 G	1	09/02/2008 15:37	Scott W Freisher	1
00121	Moisture Duplicate	SM20 2540 G	1	09/02/2008 15:37	Scott W Freisher	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 16:06	Gordon A Lodde	1
05332	MA EPH - Soils	MA EPH 5/04	1	09/19/2008 16:56	Gordon A Lodde	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	09/09/2008 18:45	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

ASX05 0042

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW5454447 **Group No. 1107636**

SS-33MSD Matrix Spike Dup Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 15:25 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

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AMS33 SDG#: ASX05-16MSD

ASX05 0043

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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454448 **Group No. 1107636**

SS-34 Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 16:10 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
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Exton PA 19341

AMS34 SDG#: ASX05-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	5.1	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	< 900	900	ug/kg	50
01496	PCB-1221	11104-28-2	< 900	900	ug/kg	50
01497	PCB-1232	11141-16-5	< 900	900	ug/kg	50
01498	PCB-1242	53469-21-9	< 900	900	ug/kg	50
01499	PCB-1248	12672-29-6	< 900	900	ug/kg	50
01500	PCB-1254	11097-69-1	< 900	900	ug/kg	50
01501	PCB-1260	11096-82-5	4,300	900	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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 01:18	Jamie L Brillhart	50
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

0SX05 0044

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Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. SW5454449 **Group No. 1107636**

SS-Z(082608) Grab Soil Sample

Amtrak Wilmington
Collected:08/26/2008 16:10 by PM

Account Number: 11289

Submitted: 08/28/2008 17:20
Reported: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
102 Pickering Way
Suite 200
Exton PA 19341

AMS2- SDG#: ASX05-18

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	5.5	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	< 180	180	ug/kg	10
01496	PCB-1221	11104-28-2	< 180	180	ug/kg	10
01497	PCB-1232	11141-16-5	< 180	180	ug/kg	10
01498	PCB-1242	53469-21-9	< 180	180	ug/kg	10
01499	PCB-1248	12672-29-6	< 180	180	ug/kg	10
01500	PCB-1254	11097-69-1	< 180	180	ug/kg	10
01501	PCB-1260	11096-82-5	1,600	180	ug/kg	10

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	09/02/2008 15:37	Scott W Freisher	1
01216	PCBs in Solids	SW-846 8082	1	09/05/2008 01:32	Jamie L Brillhart	10
00819	Solid Sample Pesticide Extract	SW-846 3550B	1	09/02/2008 18:00	Sally L Appleyard	1

ASX05 0045

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

Analysis Report

Lancaster Laboratories

REVISED

Lancaster Laboratories Sample No. WW5454450 **Group No. 1107636**

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: 09/30/2008 at 11:16
Discard: 10/08/2008

Stantec
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Suite 200
Exton PA 19341

AMSB2 SDG#: ASX05-19SB*

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 18:29	K. Robert Caulfeild-James	1

ASX05 0046

Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Semivolatiles by GC/MS Data

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories
Where quality is a science.

CASE NARRATIVE

Client: Stantec
SDG #: ASX05

LANCASTER LABORATORIES
SEMIVOLATILES BY GC/MS

SAMPLE NUMBER(S) :

LL #'s	Sample Code	Matrix Soil	Comments
5454445	AMS33	X	Unspiked
5454446	AMS33MS	X	Matrix Spike
5454447	AMS33MSD	X	Matrix Spike Dup
LABORATORY SUBMITTED QC:			
SBLKLA246	SBLKLA2465	X	Method Blank
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: ASX05

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

ASX05 0050

QC Summary

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.: ASX05

	LL #'s	EPA SAMPLE NO.	S1 (TBP)#	S2 (2FP)#	S3 (PHL)#	S4 (TPH)#	S5 (NBZ)#	S6 (FBP)#	TOT OUT
01	5454445	AMS33	84	85	86	90	88	92	0
02	5454446	AMS33MS	86	84	85	88	89	93	0
03	5454447	AMS33MSD	90	84	84	88	90	97	0
04	SBLKLA246	SBLKLA2465	90	81	81	81	86	88	0
05	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:

ASX05 0056

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

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:

ASX05 0058

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:

ASX85 0059

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:

ASX05 0060

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

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

ASX05 0062

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

ASX05 0063

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

ASX05 0064

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.

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.

ASX05 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

		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.

aSX85 10067

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)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	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.

ASX05 0060

Sample Data

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)
1,1'-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
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	27.580	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	12.649	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	23.868	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	33.468	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

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)
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	28.938	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	32.680	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	24.886	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

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

ASX85 0876

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

ASX85 0077

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

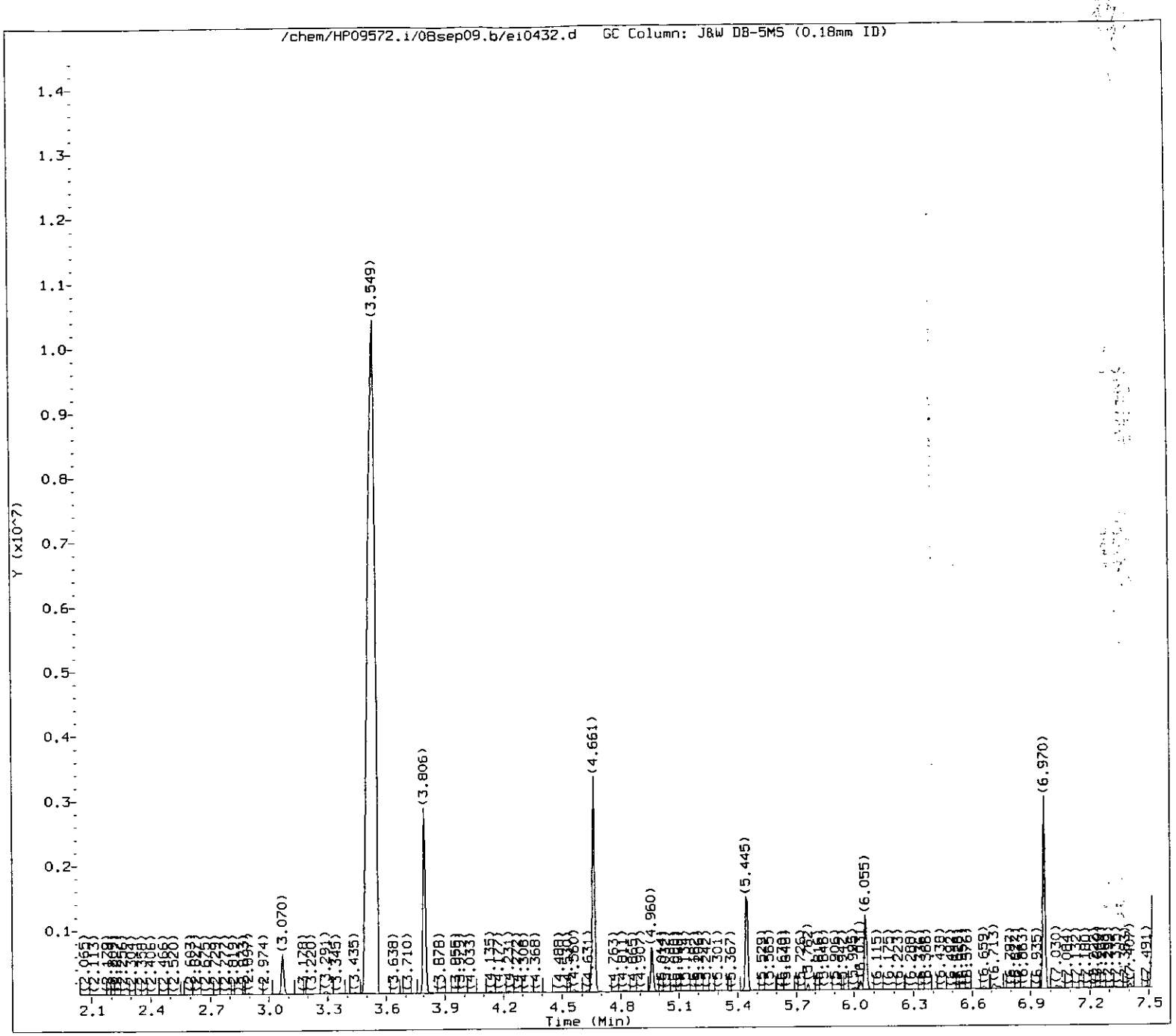
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

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

ASX05 5070



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
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

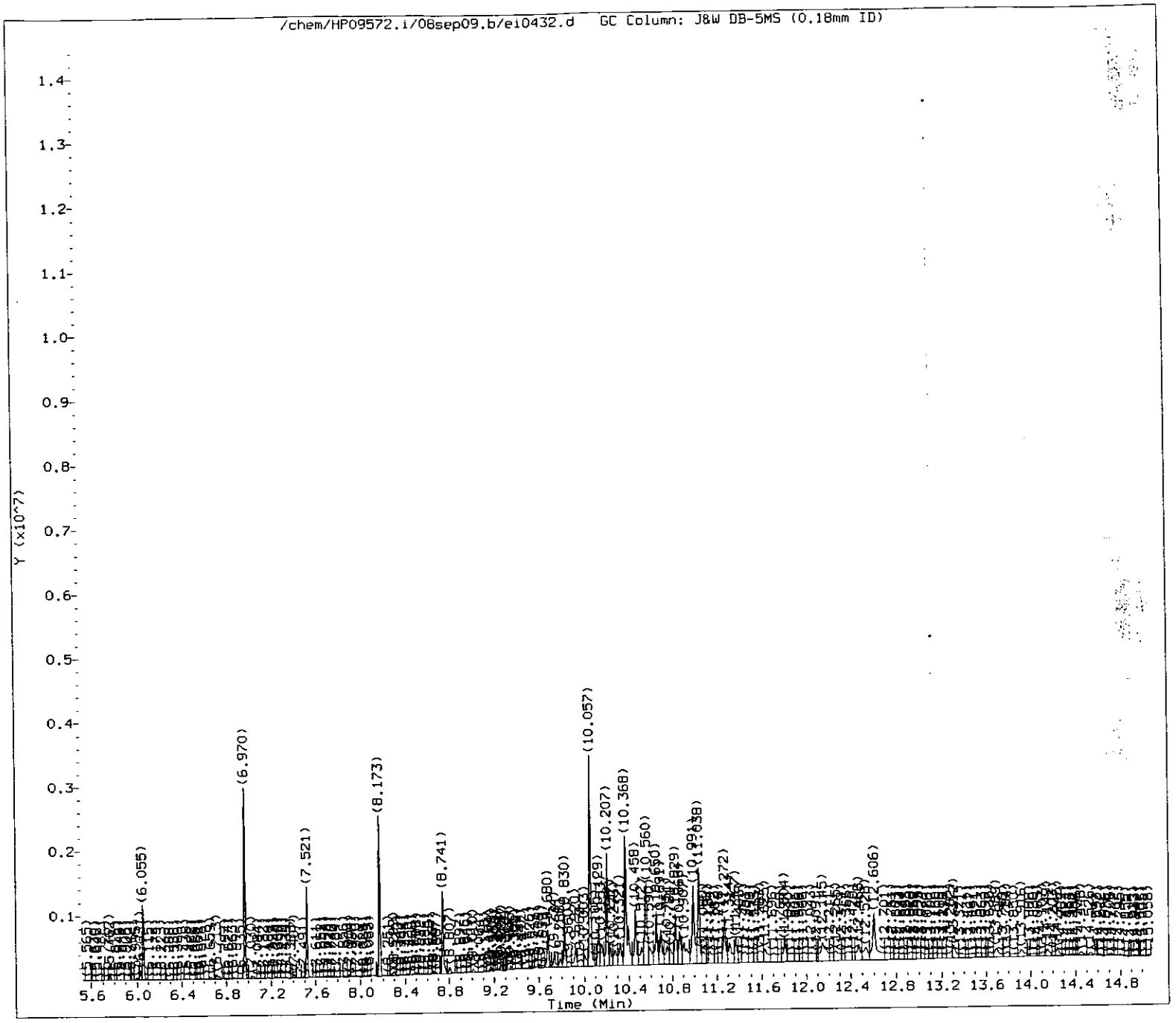
Sublist used: STC8

Sample Name: AMS33

Lab Sample ID: 5454445

ASX05 0079

lmn198 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

ASX05 0080

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

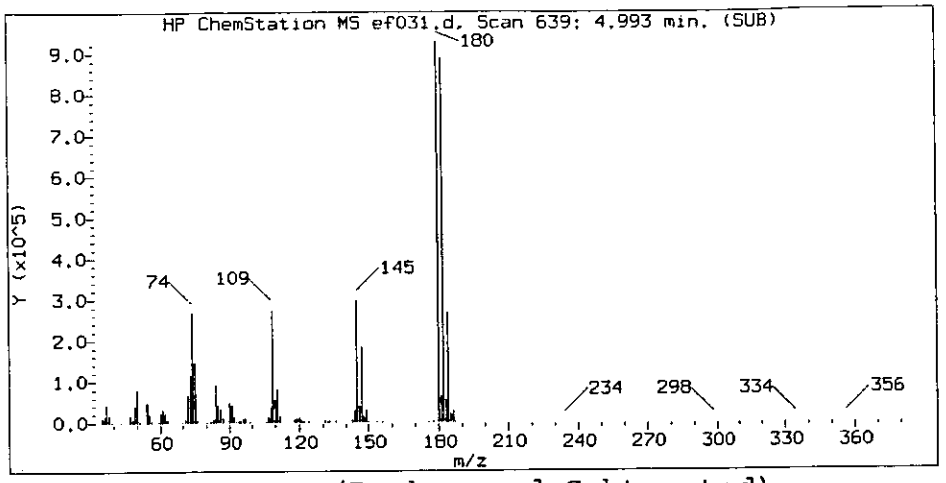
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: STC8
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

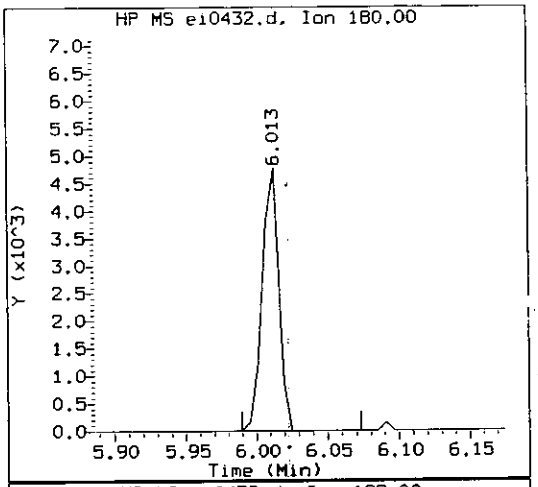
Sample Name: AMS33 Lab Sample ID: 5454445

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

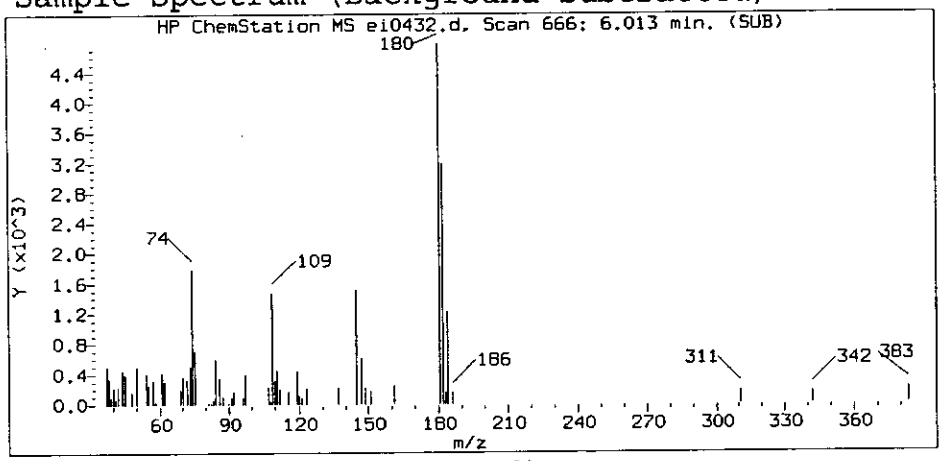
M = Compound was manually integrated. A = User selected an alternate hit

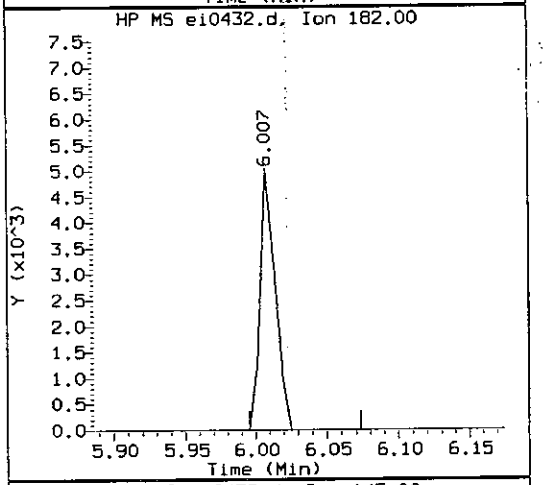
Reference Standard Spectrum for 1,2,4-Trichlorobenzene



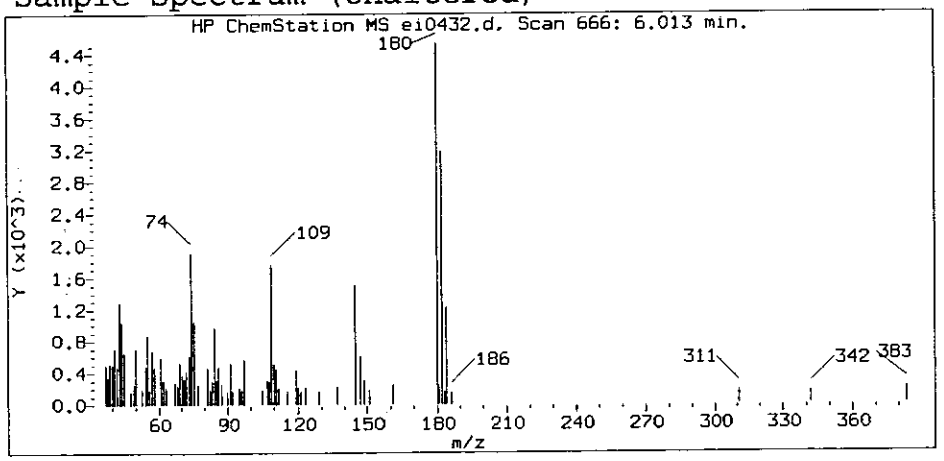


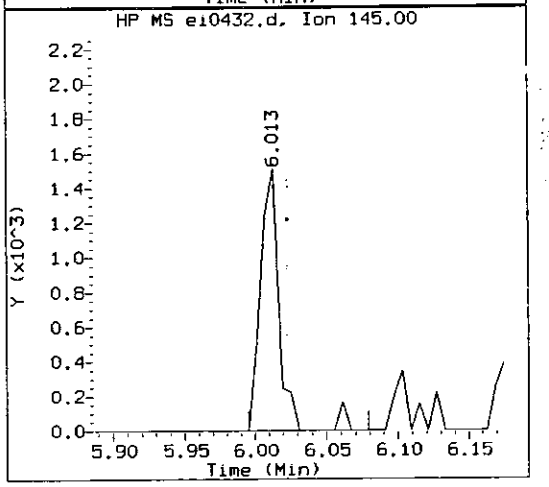
Sample Spectrum (Background Subtracted)





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

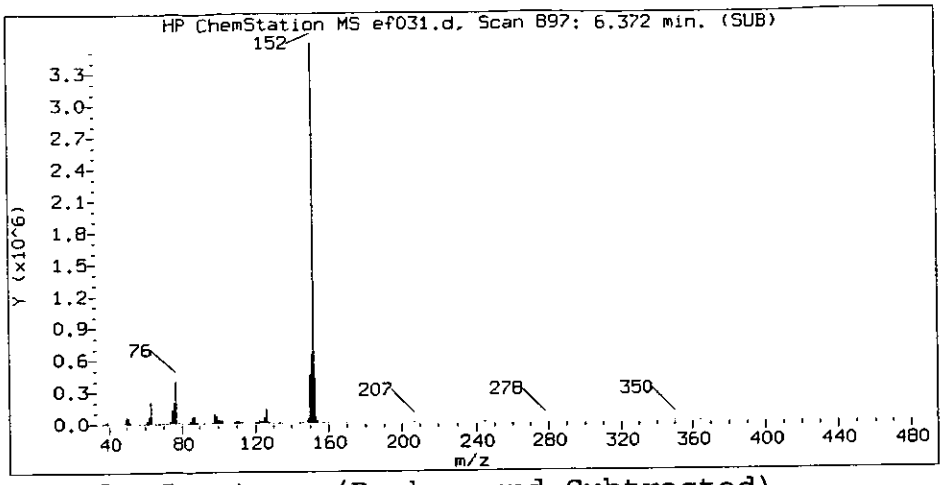
Sample Name: AMS33

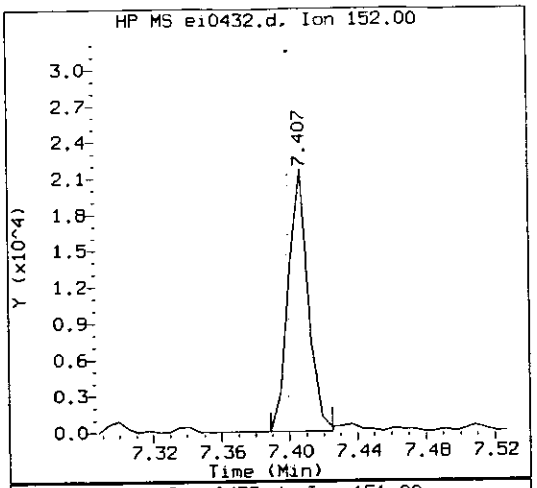
Lab Sample ID: 5454445

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

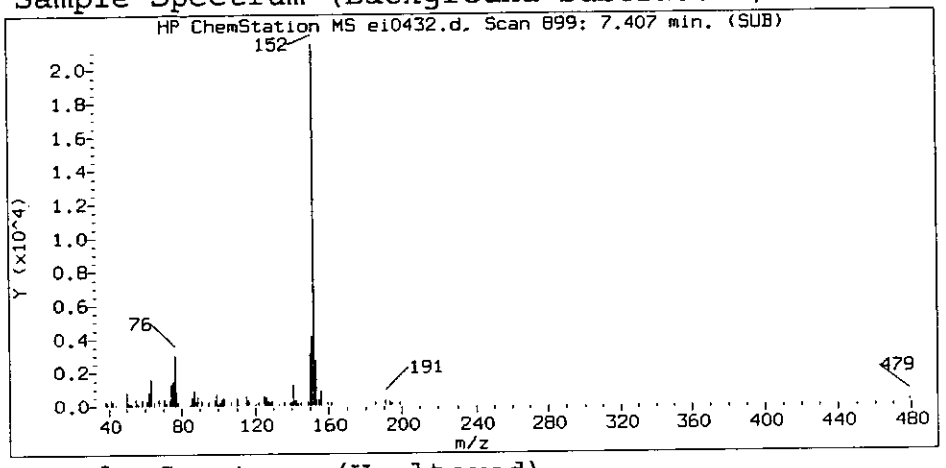
ASX05 0082

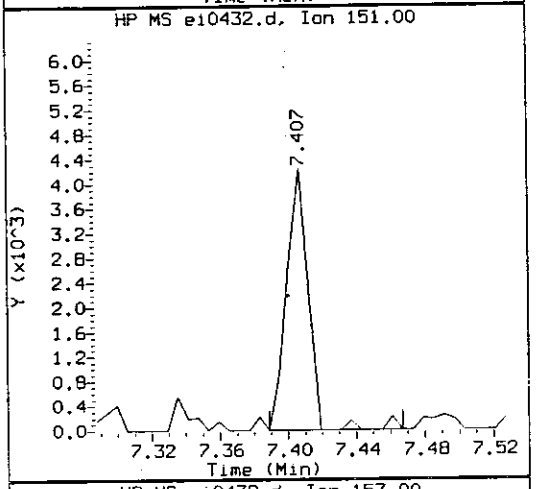
Reference Standard Spectrum for Acenaphthylene



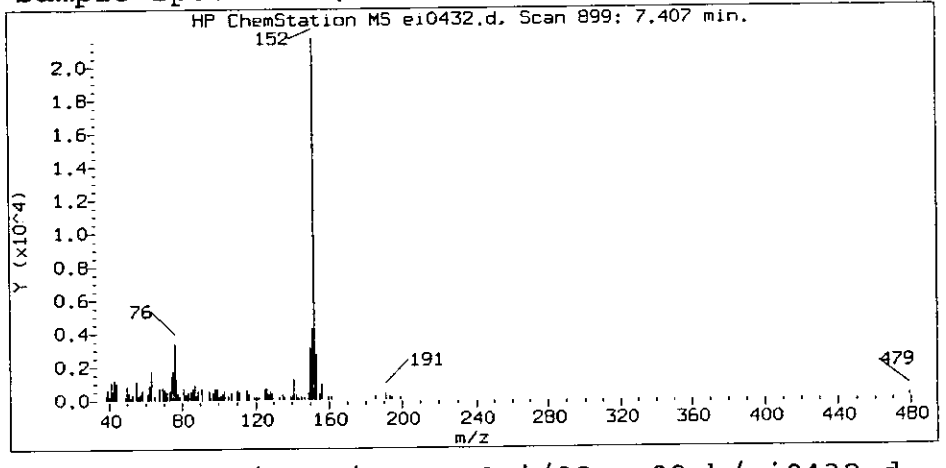


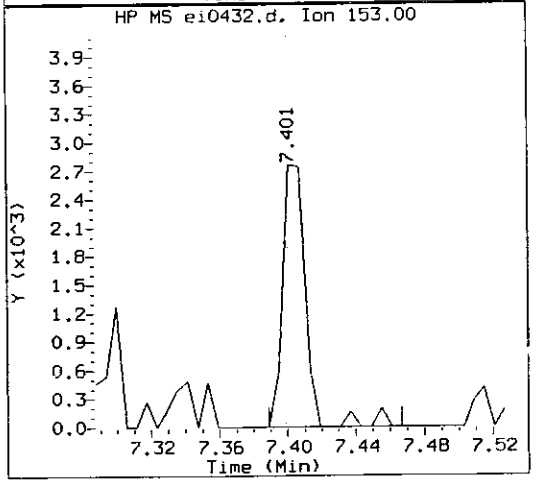
Sample Spectrum (Background Subtracted)





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

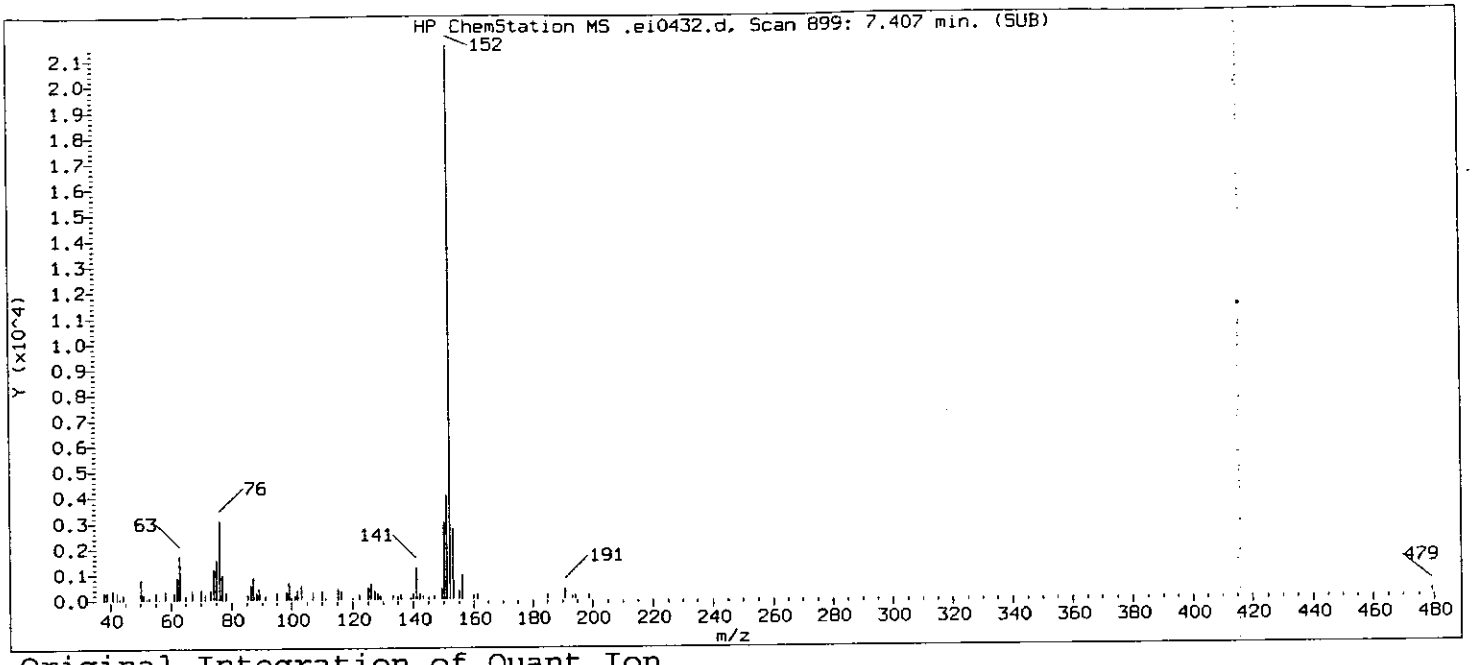
Sample Name: AMS33

Lab Sample ID: 5454445

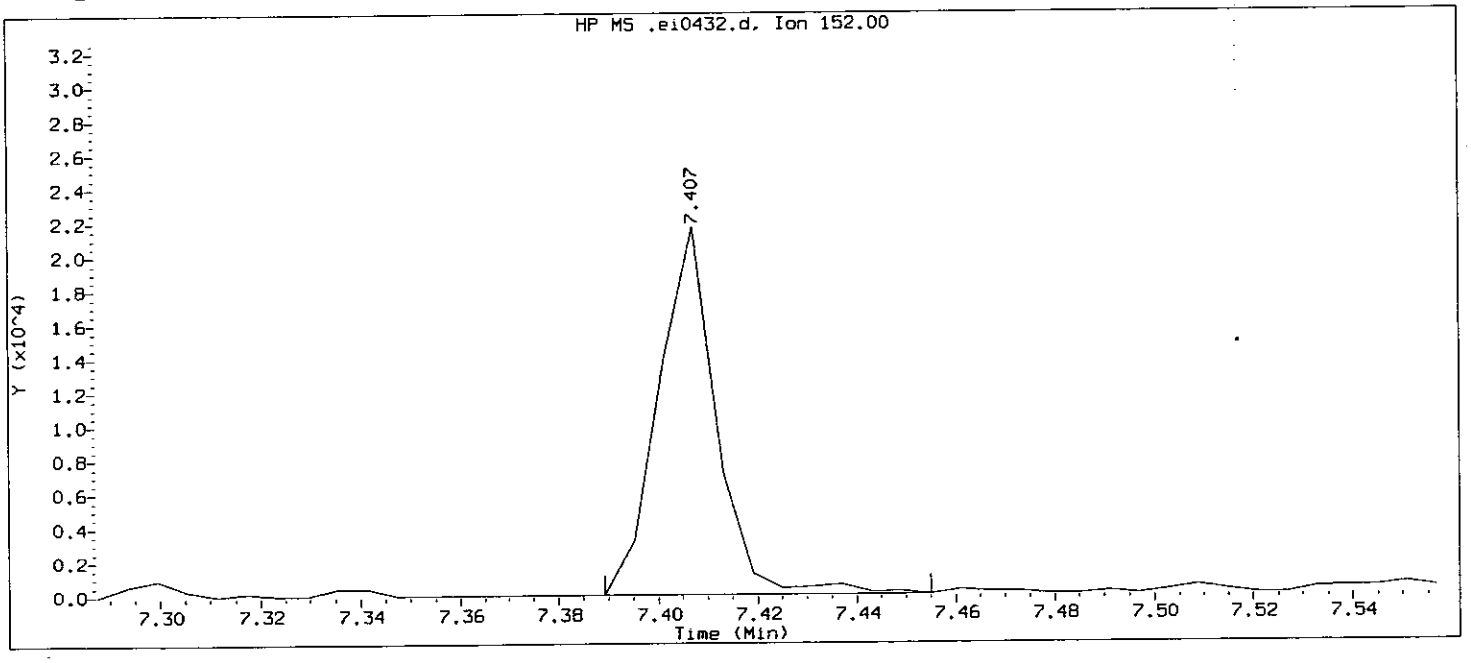
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152.0
Area (flag) : 17131 M
Concentration (ng/ul) : 1.6517

ASX05 0003

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

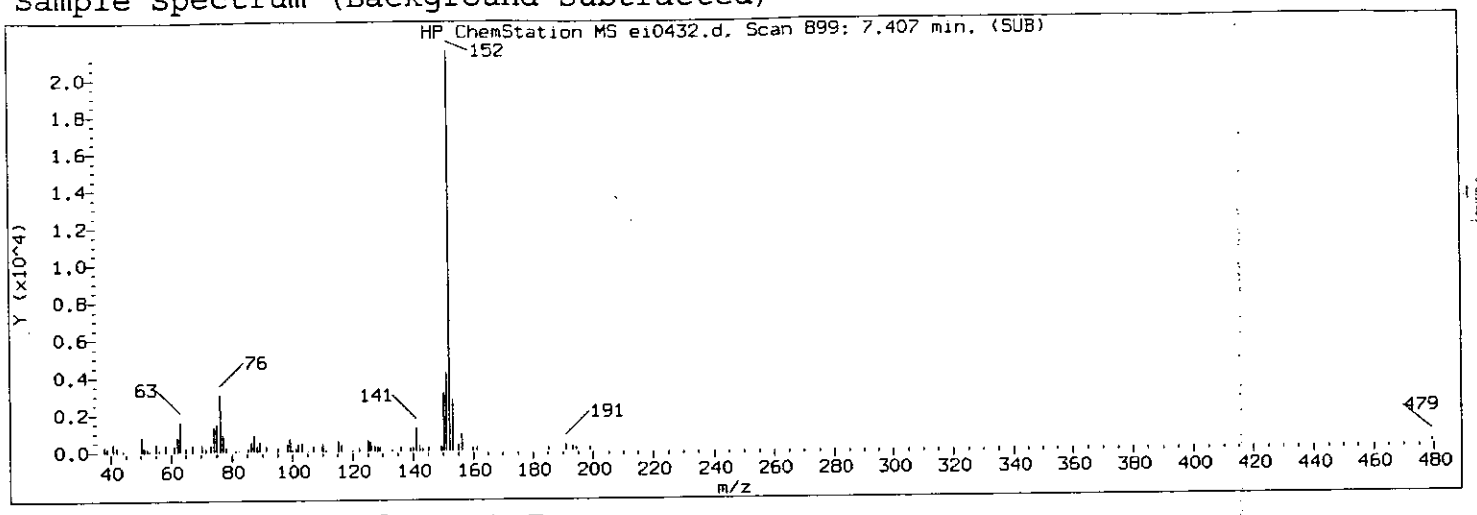
Compound Number : 95
Compound Name : Acenaphthylene
Scan Number : 899
Retention Time (minutes): 7.407
Quant Ion : 152
Area : 17629
Concentration (ng/ul) : 1.6998
Integration start scan : 895 Integration stop scan: 906
Y at integration start : 0 Y at integration end: 0

mm 09/09/08

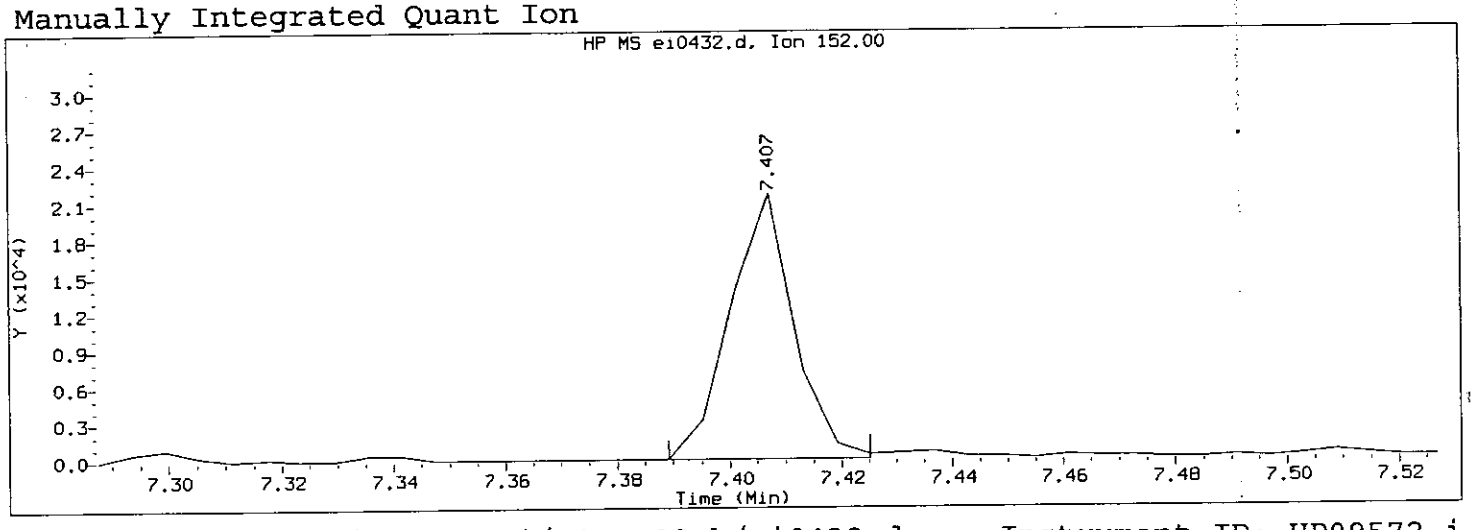
ASX05 0004

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

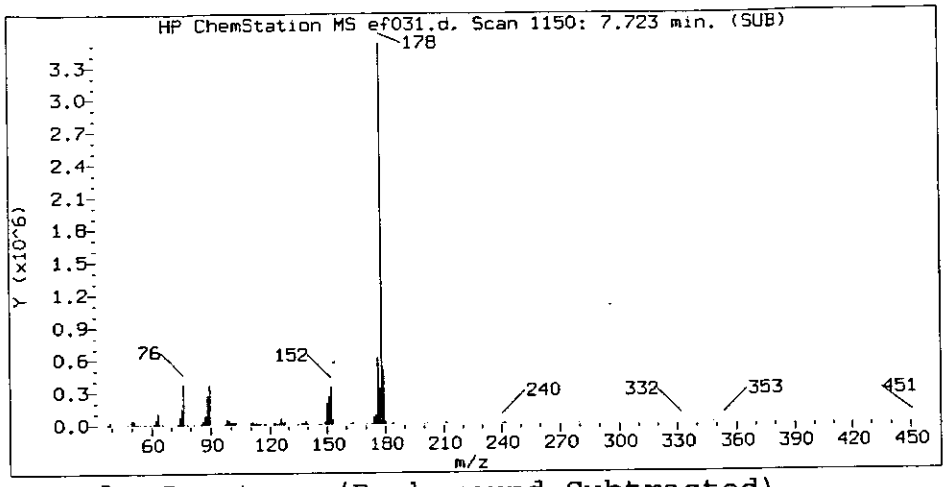
Reason for manual integration (circle one): missed peak improper integration

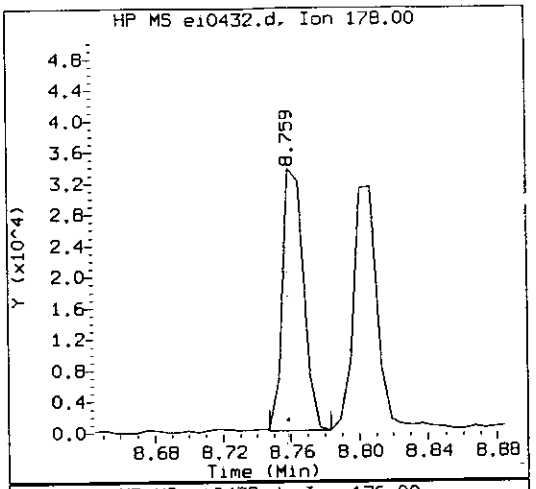
Analyst responsible for change: LMH198 09/09/08

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

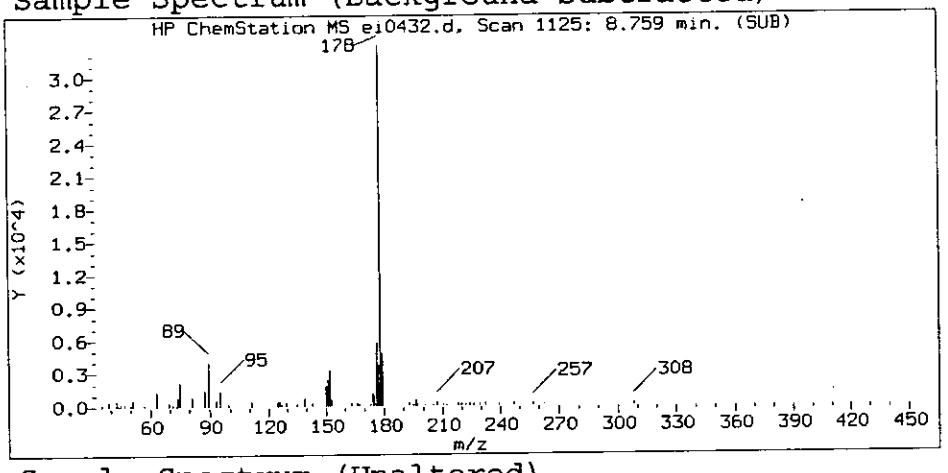
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

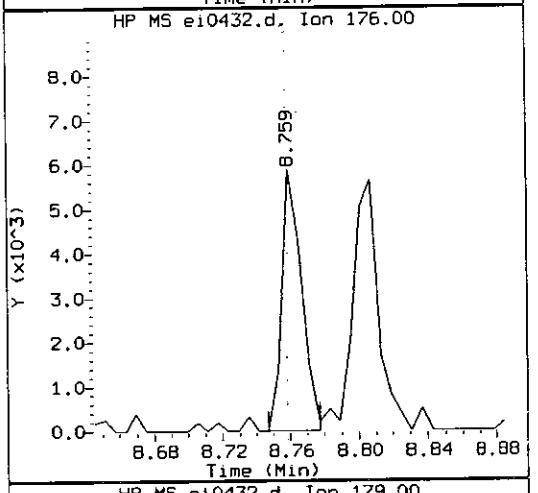
Reference Standard Spectrum for Phenanthrene



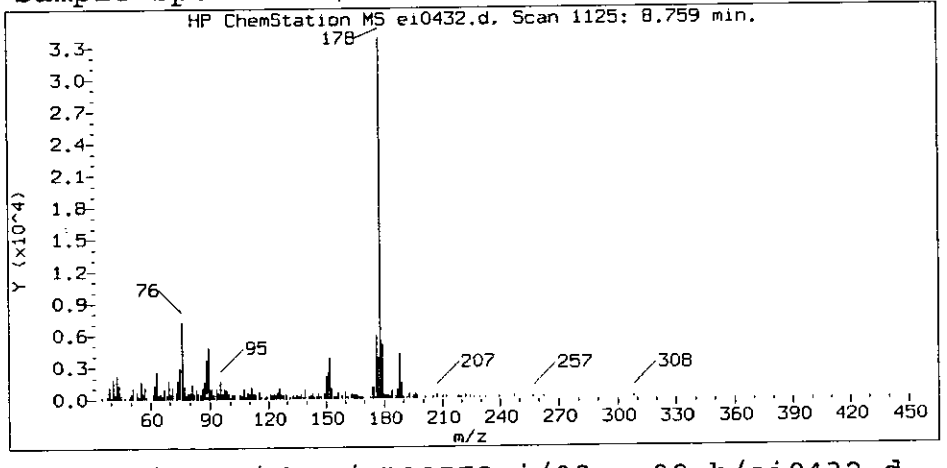


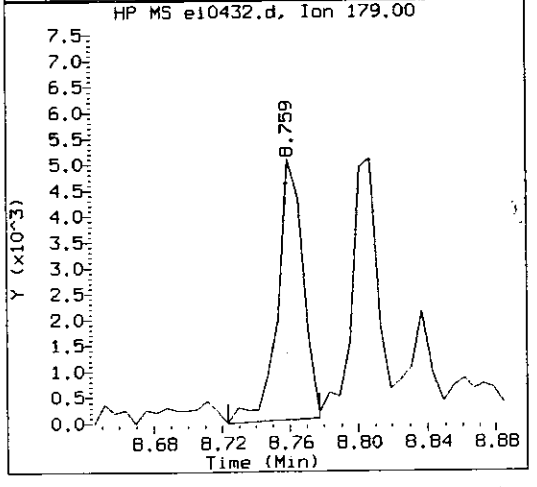
Sample Spectrum (Background Subtracted)





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

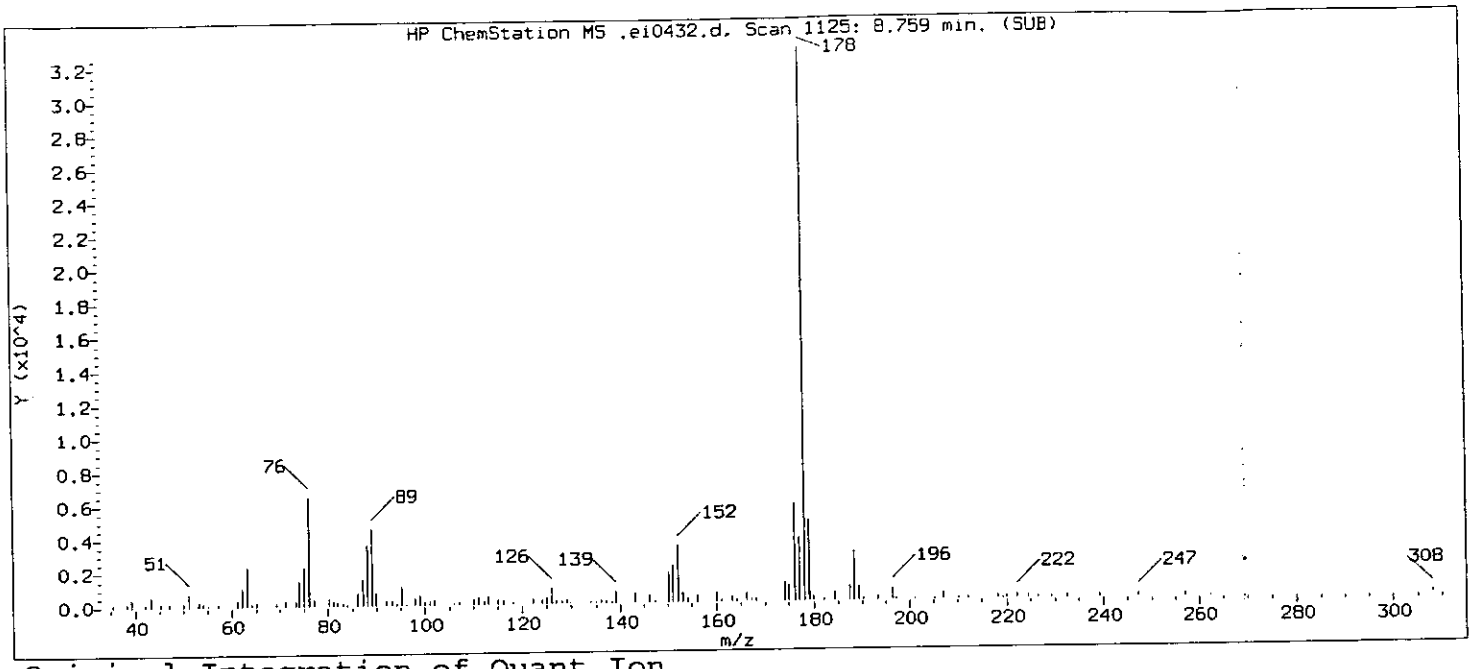
Sample Name: AMS33

Lab Sample ID: 5454445

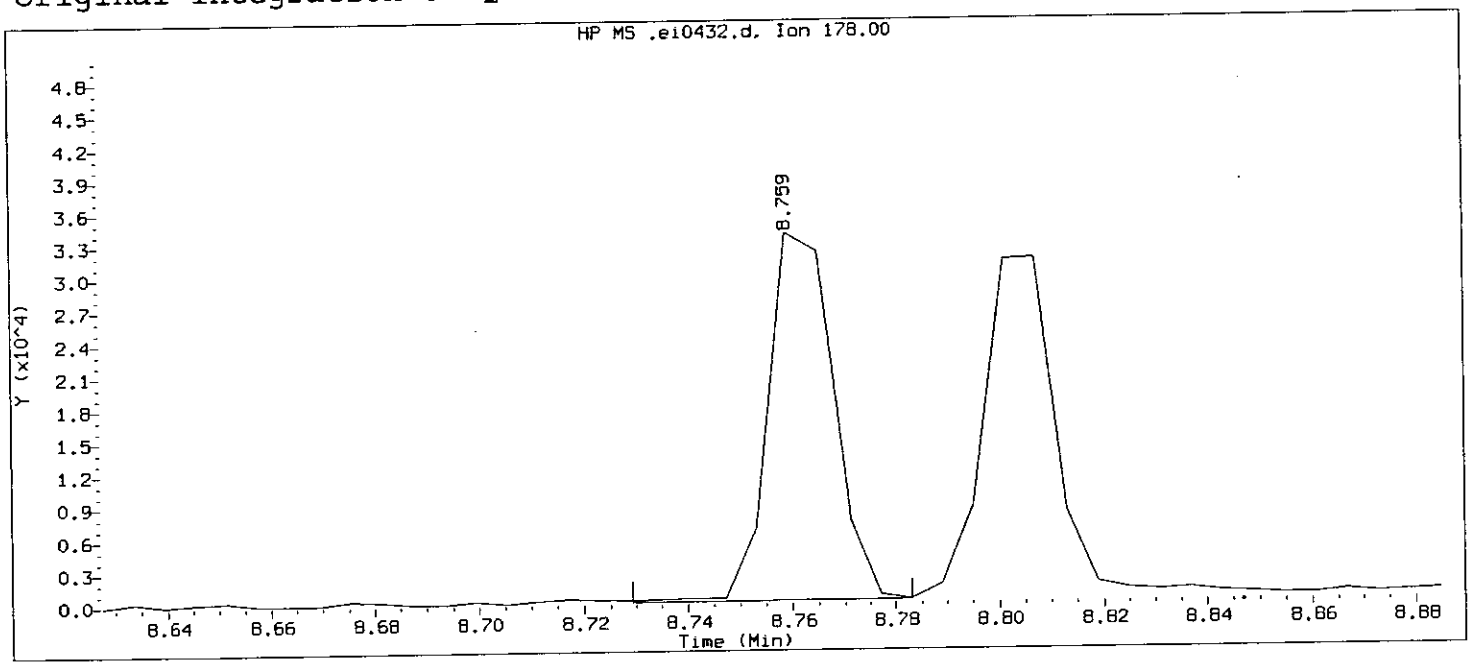
Compound Number	: 138
Compound Name	: Phenanthrene
Scan Number	: 1125
Retention Time (minutes)	: 8.759
Quant Ion	: 178.0
Area (flag)	: 28752 M
Concentration (ng/ul)	: 2.8189

ASX05 0006

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

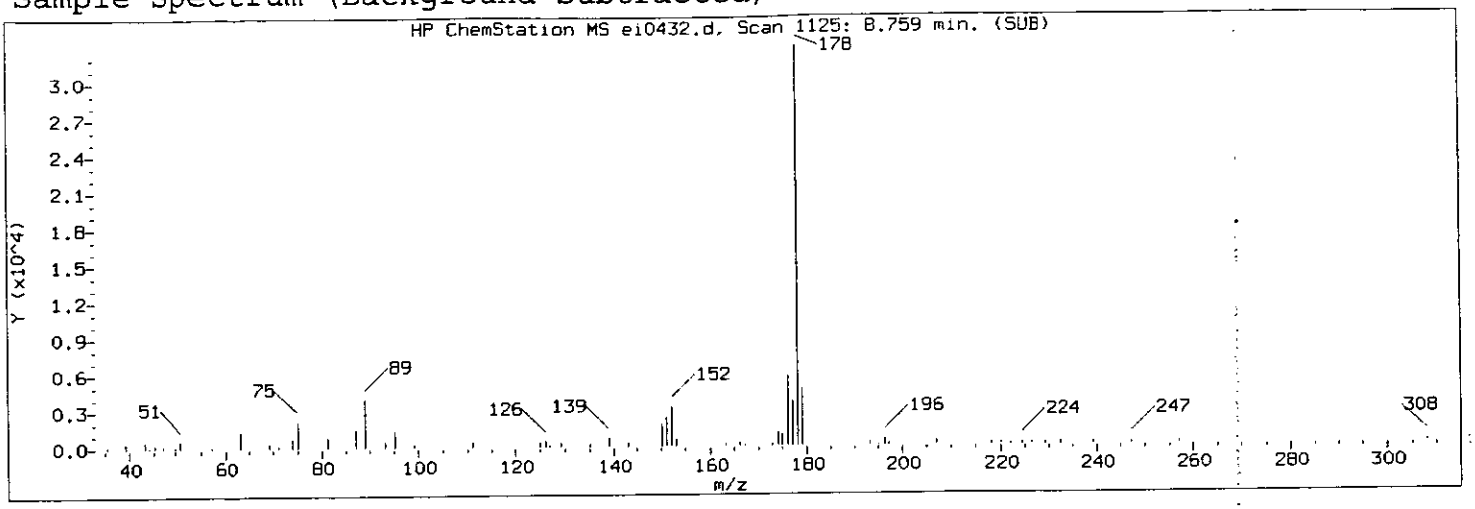
Compound Number : 138
Compound Name : Phenanthrene
Scan Number : 1125
Retention Time (minutes): 8.759
Quant Ion : 178
Area : 29102
Concentration (ng/ul) : 2.8533
Integration start scan : 1119 Integration stop scan: 1128
Y at integration start : 55 Y at integration end: 137

MM198 09/09/08

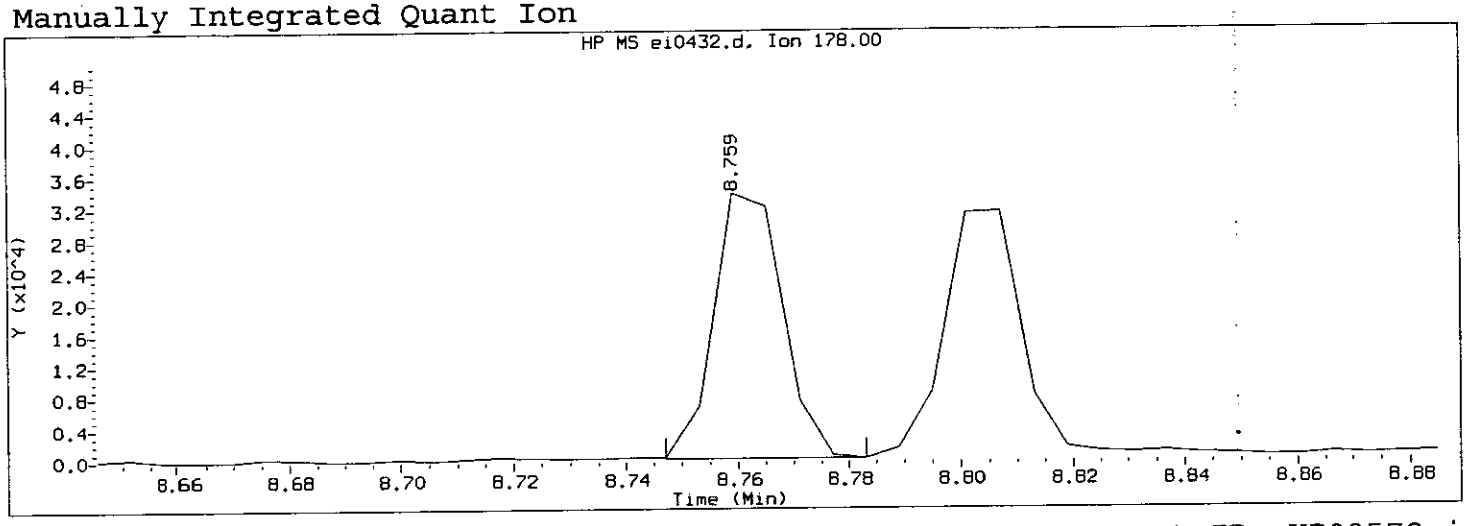
ASX05 0087

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

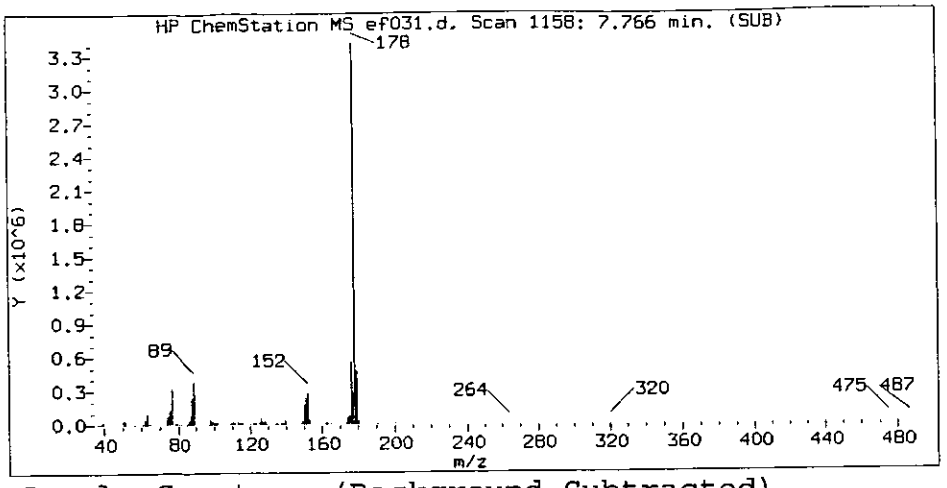
Reason for manual integration (circle one): missed peak improper integration

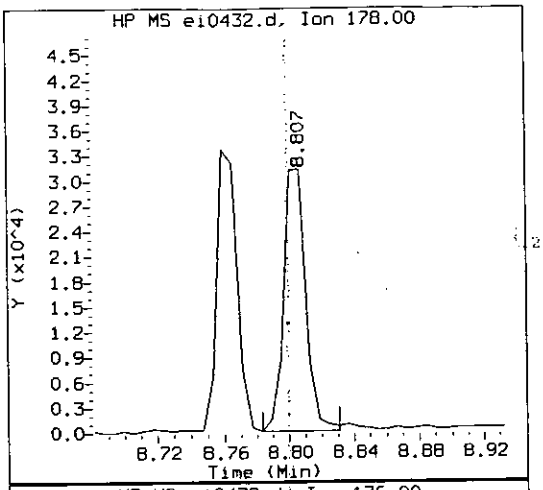
Analyst responsible for change: LMH 09/09/08

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

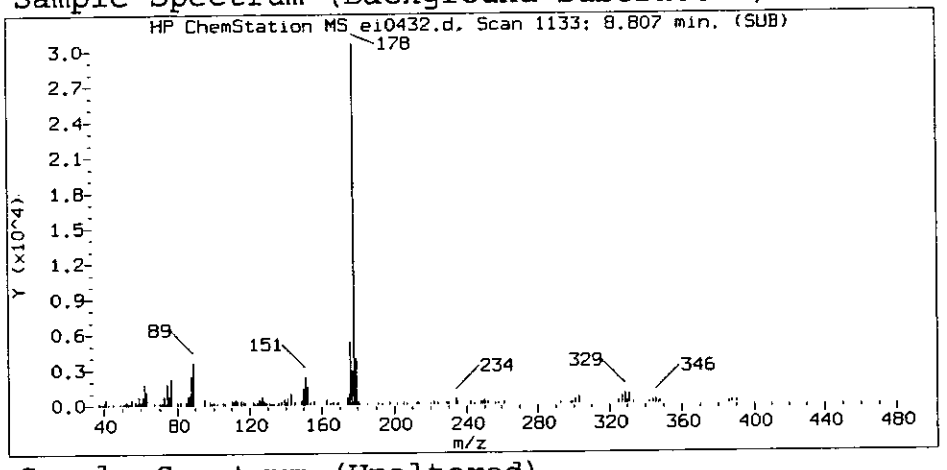
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

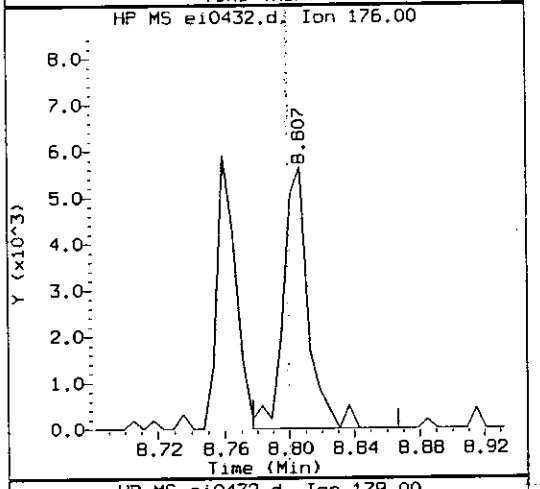
Reference Standard Spectrum for Anthracene



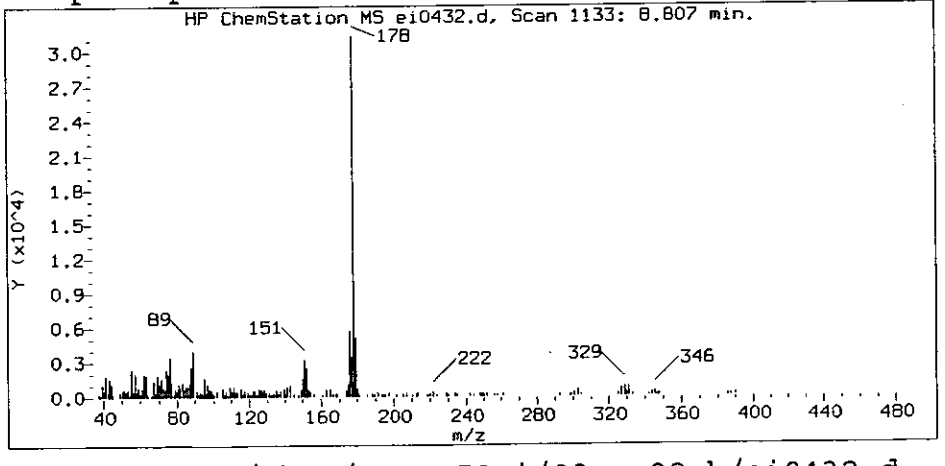


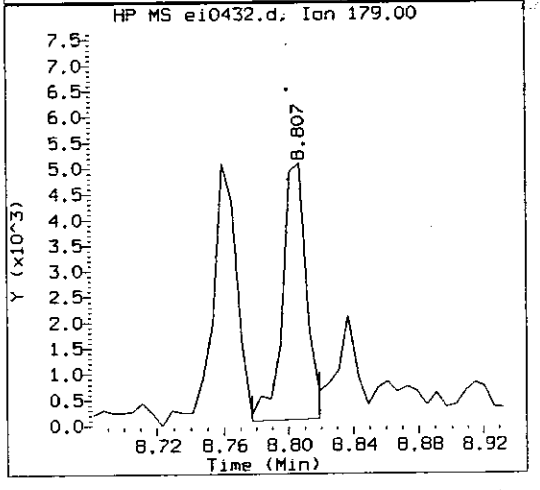
Sample Spectrum (Background Subtracted)





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

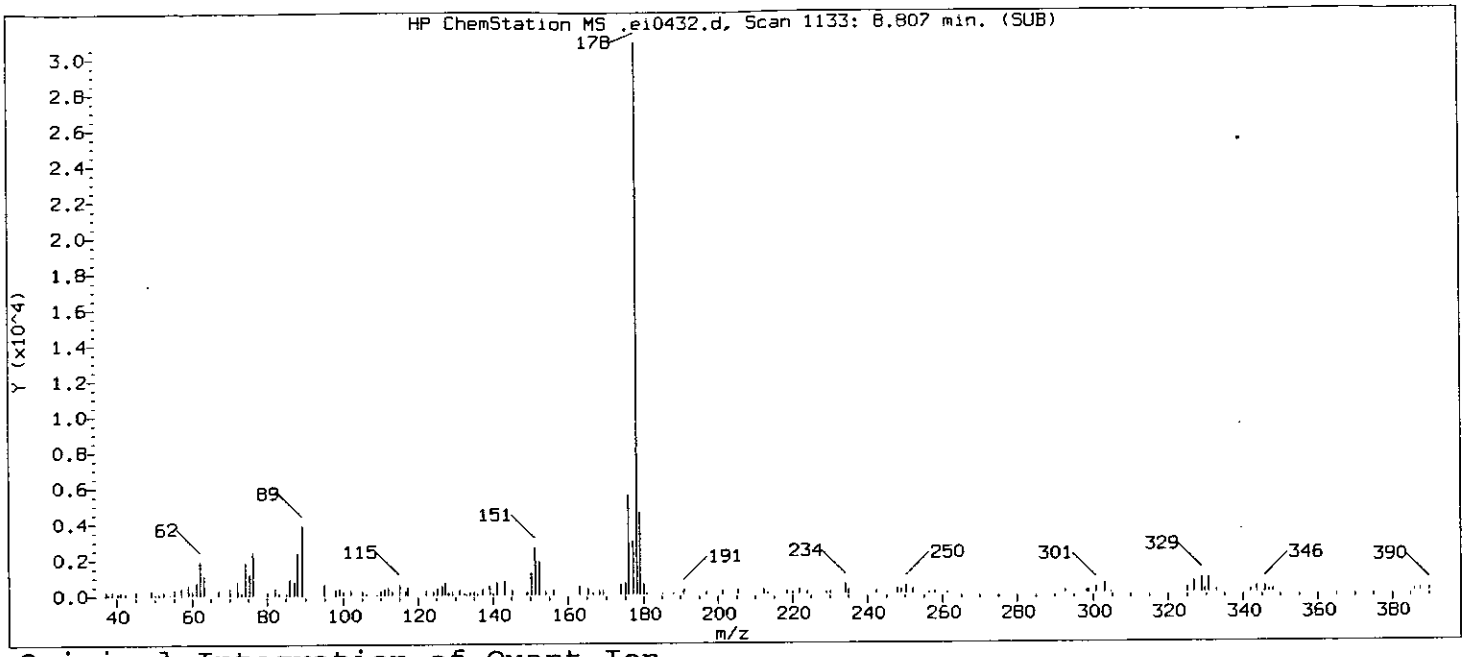
Sample Name: AMS33

Lab Sample ID: 5454445

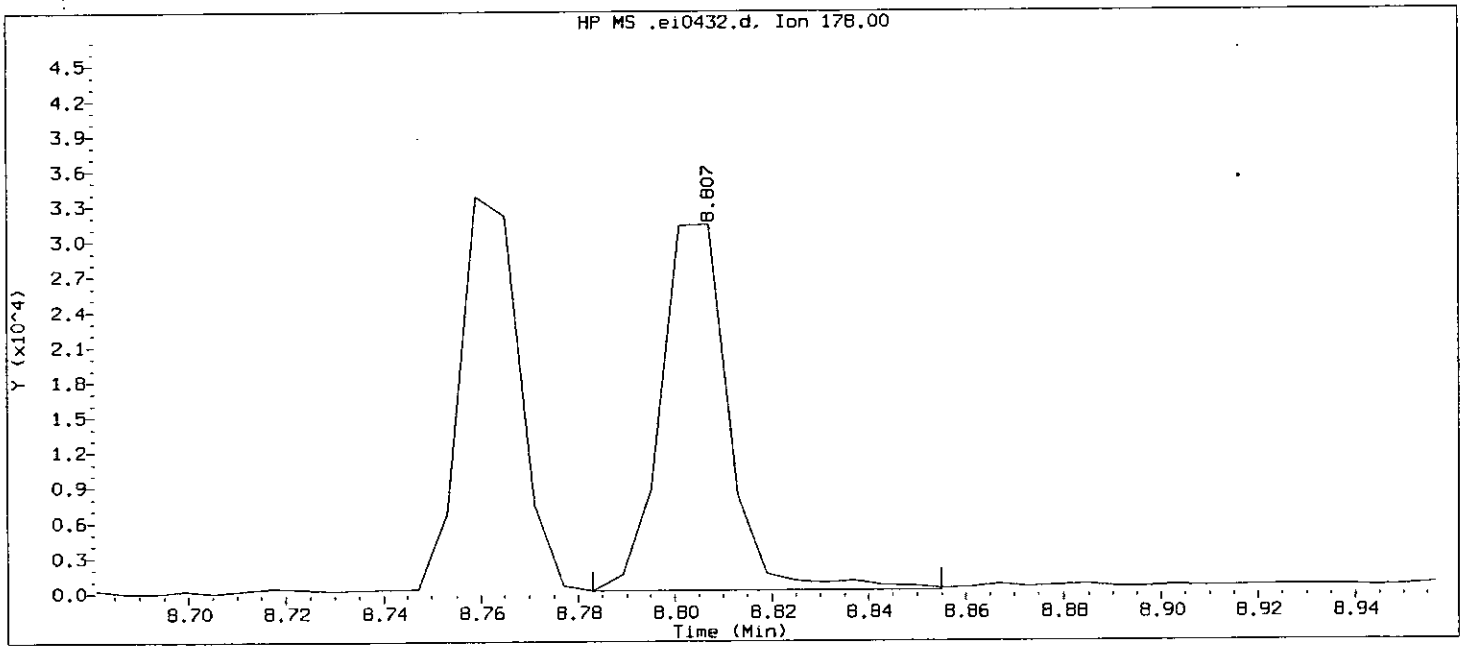
Compound Number	: 139
Compound Name	: Anthracene
Scan Number	: 1133
Retention Time (minutes)	: 8.807
Quant Ion	: 178.0
Area (flag)	: 29754 M
Concentration (ng/ul)	: 2.7329

ASX05 0089

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

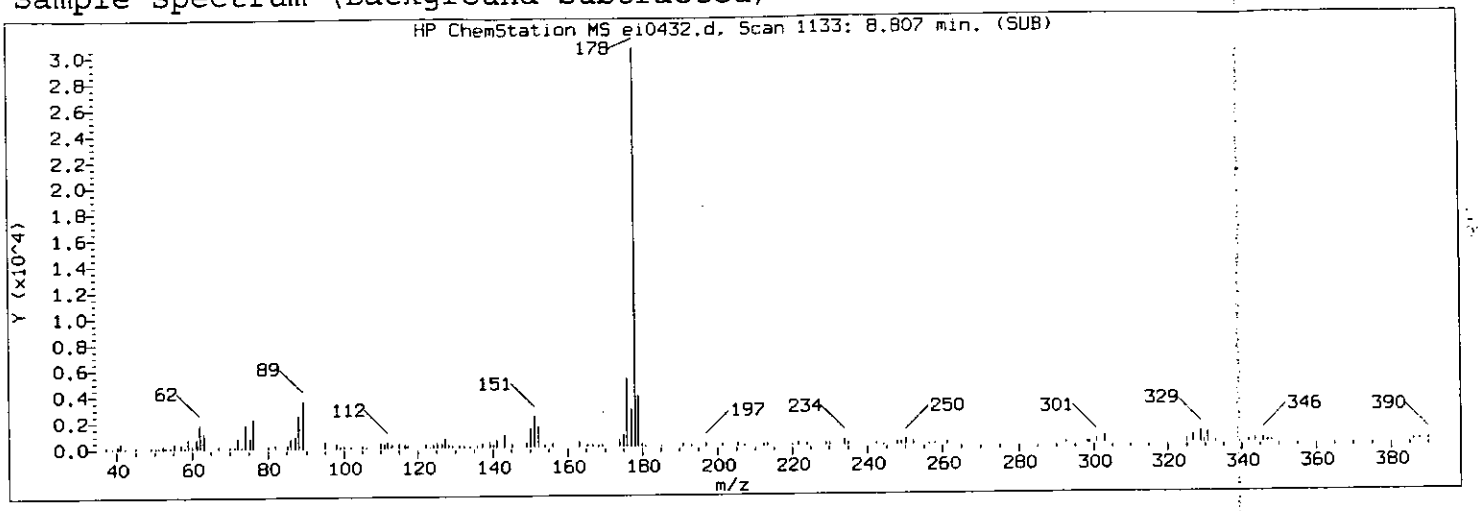
Compound Number : 139
Compound Name : Anthracene
Scan Number : 1133
Retention Time (minutes): 8.807
Quant Ion : 178
Area : 30531
Concentration (ng/ul) : 2.8044
Integration start scan : 1128 Integration stop scan: 1140
Y at integration start : 137 Y at integration end: 156

Mn198 09/09/08

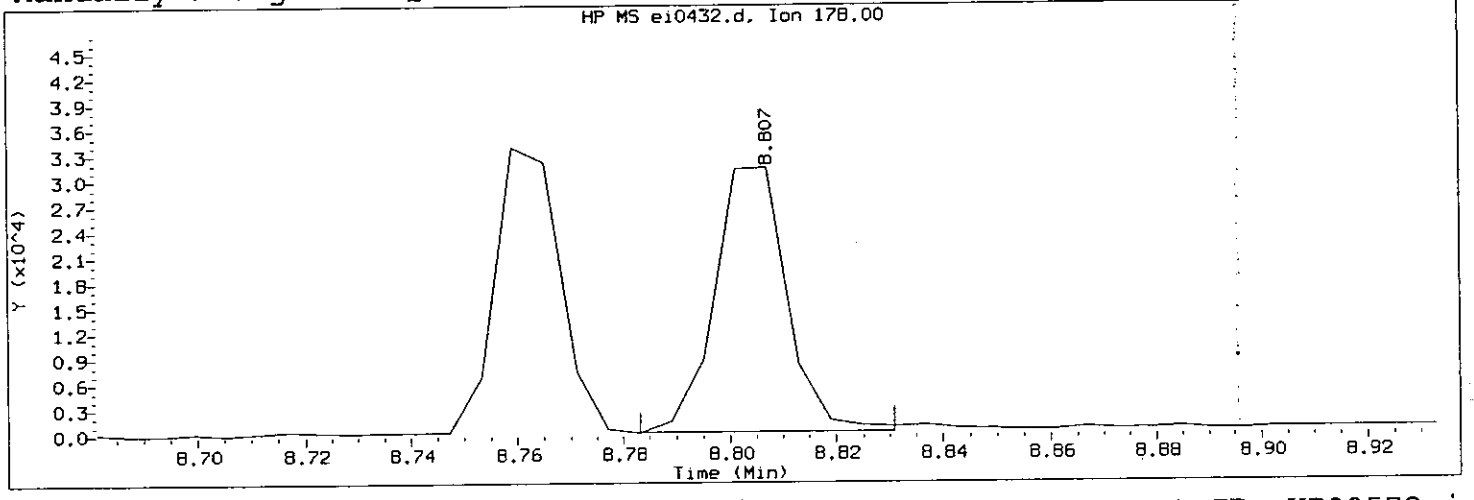
ASX05 0090

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

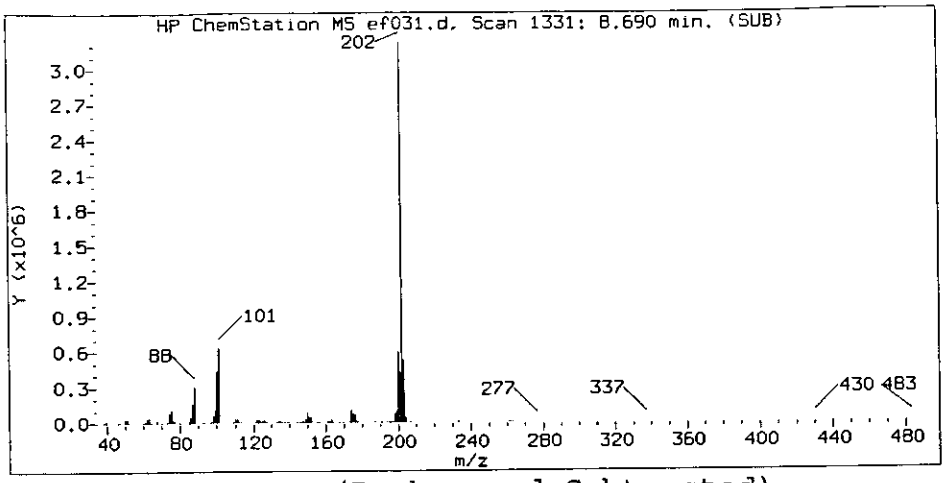
Reason for manual integration (circle one): missed peak improper integration

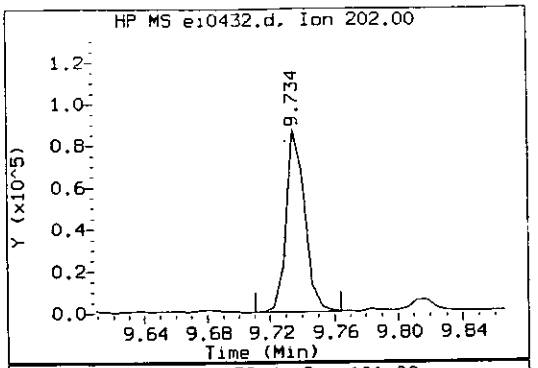
Analyst responsible for change: [signature] 09/09/08

GC/MS audit/management approval: [signature] 9/12/08

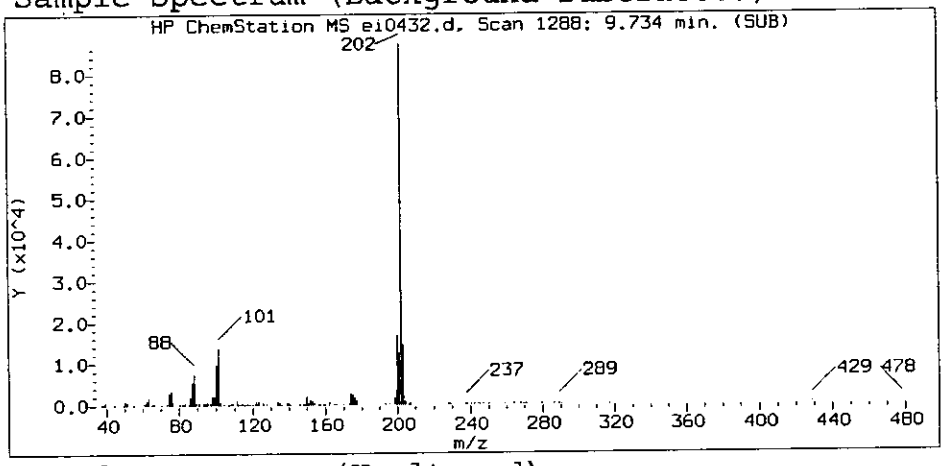
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

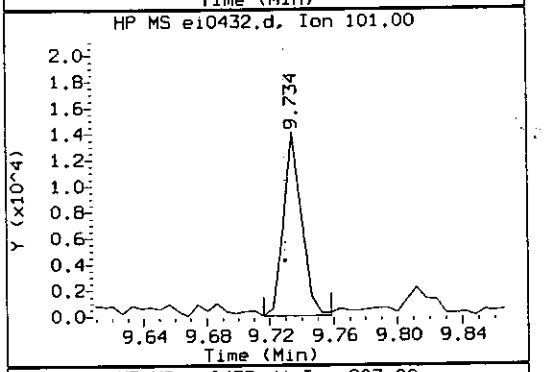
Reference Standard Spectrum for Fluoranthene

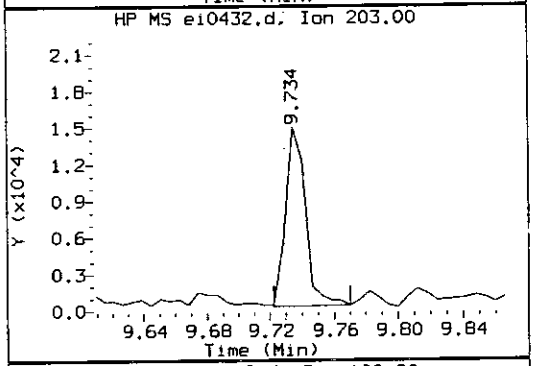




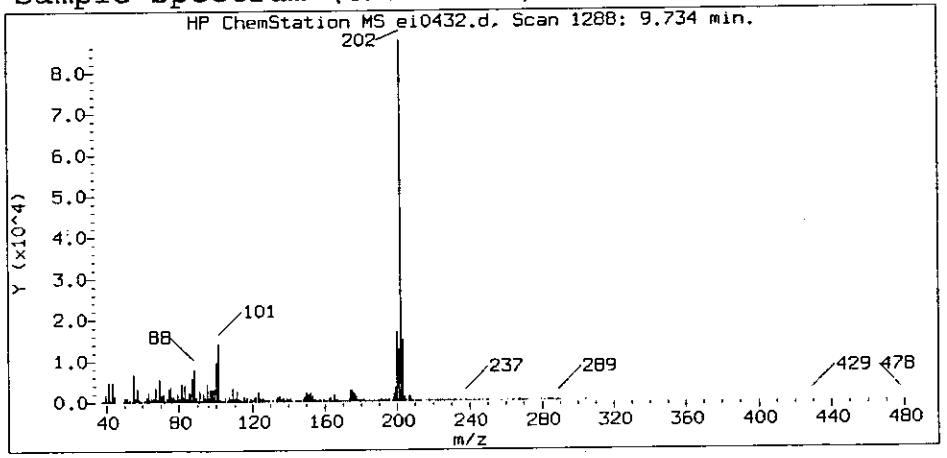
Sample Spectrum (Background Subtracted)

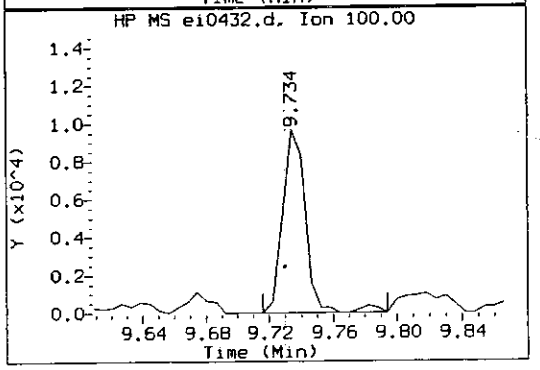






Sample Spectrum (Unaltered)





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

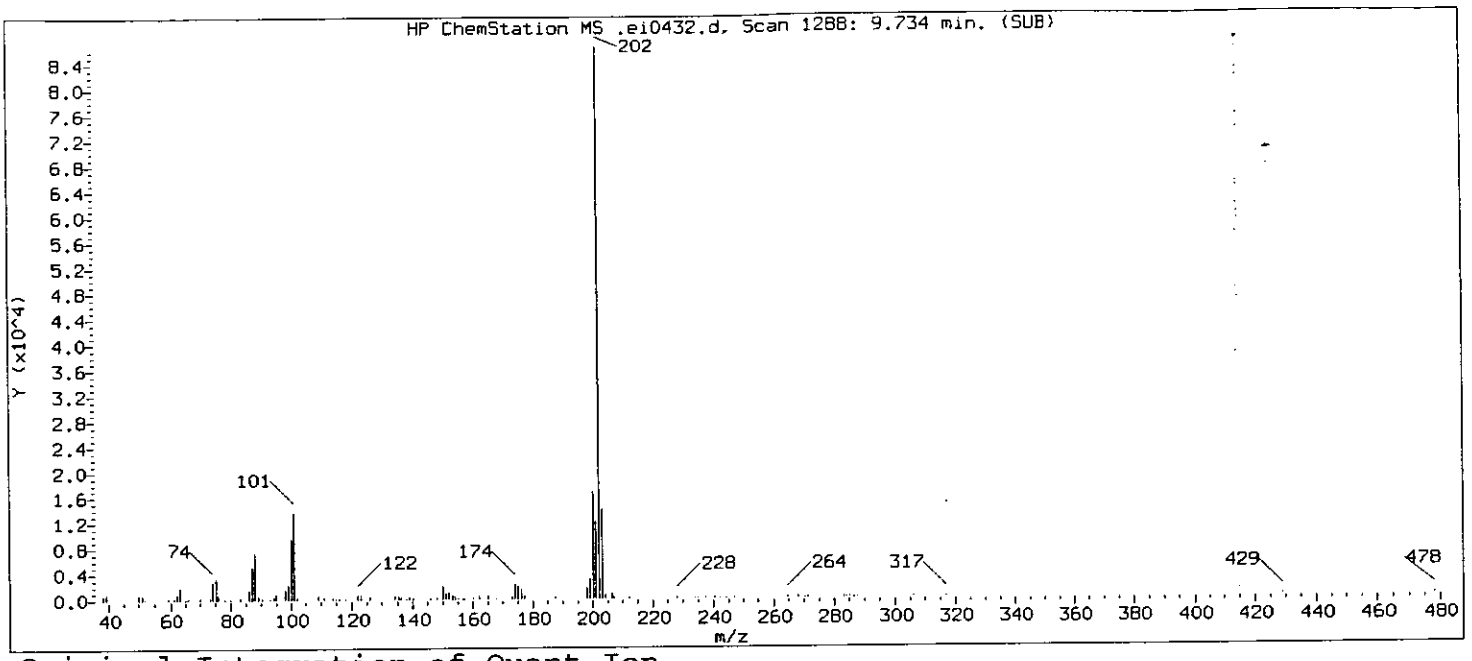
Sample Name: AMS33

Lab Sample ID: 5454445

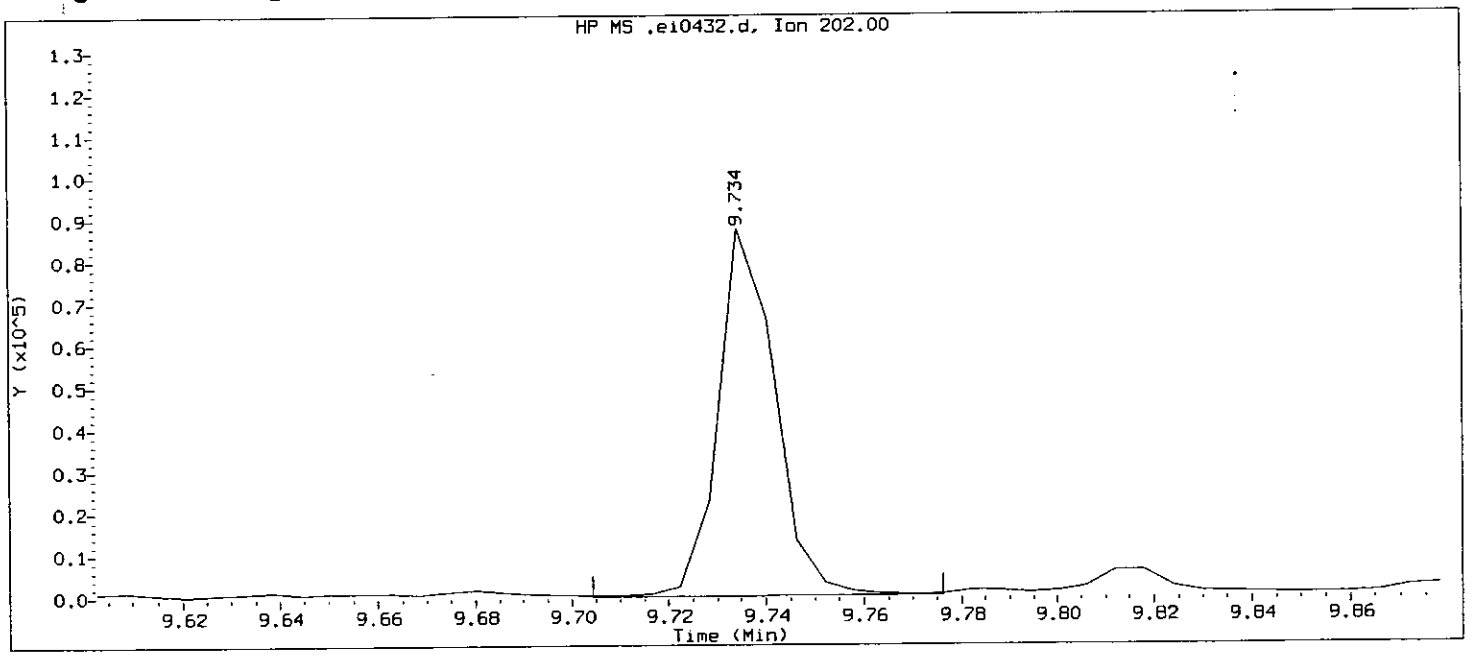
Compound Number	: 148
Compound Name	: Fluoranthene
Scan Number	: 1288
Retention Time (minutes)	: 9.734
Quant Ion	: 202.0
Area (flag)	: 70036 M
Concentration (ng/ul)	: 5.8321

ASX05 0092

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

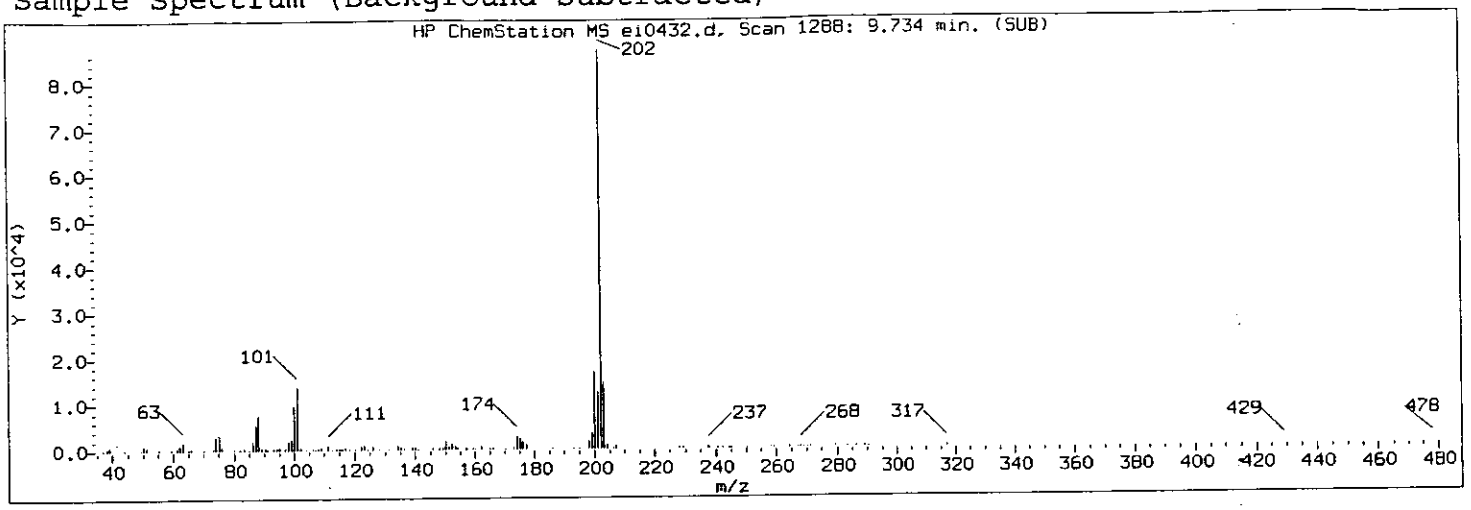
Sample Name: AMS33 Lab Sample ID: 5454445

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

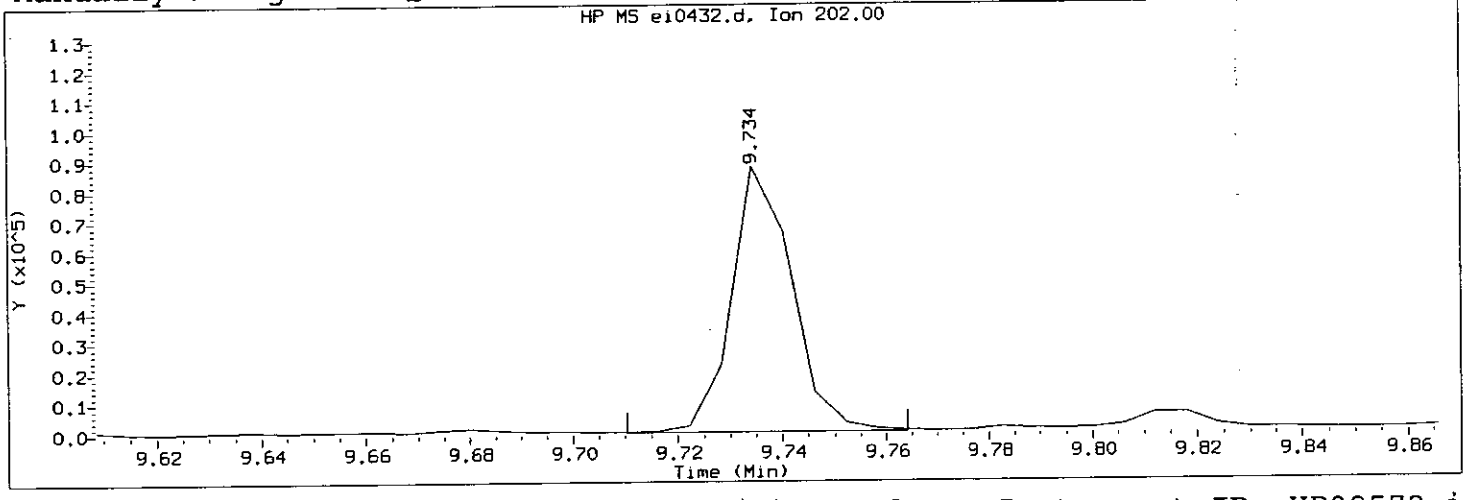
MN198 09/09/08 ASX85 8093

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

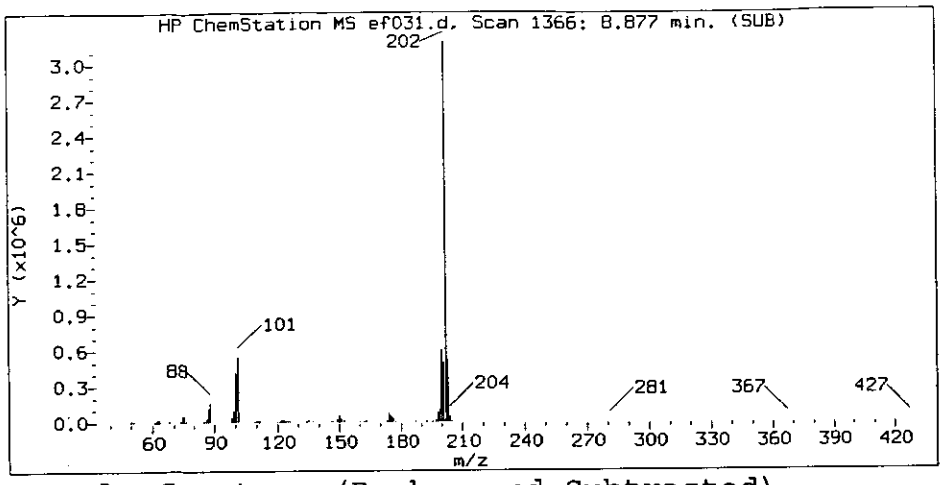
Compound Number : 148
Compound Name : Fluoranthene
Scan Number : 1288
Retention Time (minutes): 9.734
Quant Ion : 202
Area (flag) : 70036 M
Concentration (ng/ul) : 5.8321
Integration start scan : 1283 Integration stop scan: 1292
Y at integration start : 305 Y at integration end: 305

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

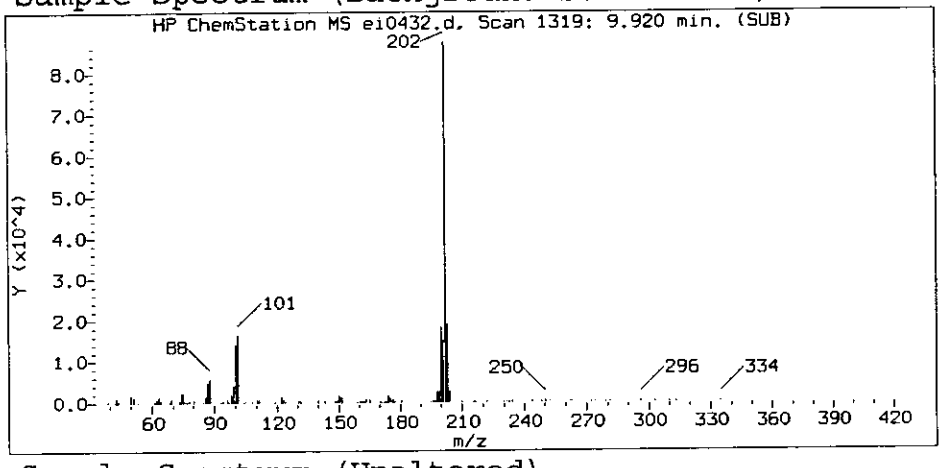
Analyst responsible for change: LMH 09/09/08

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

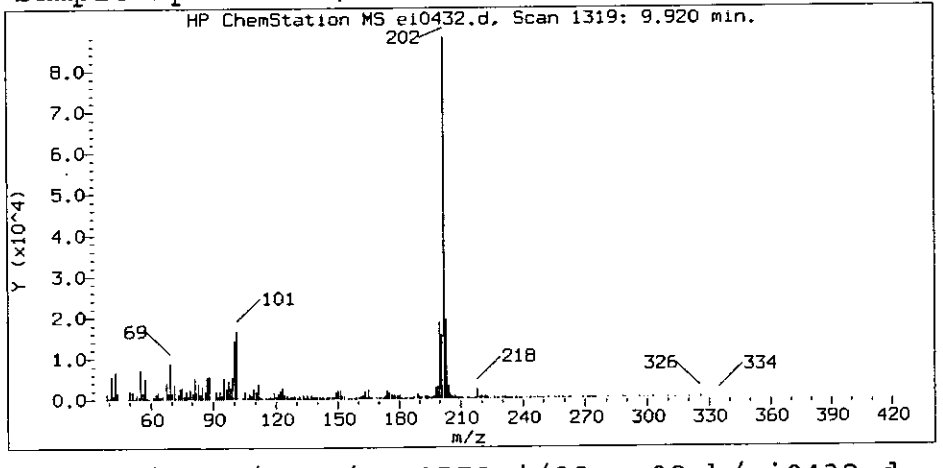
Reference Standard Spectrum for Pyrene

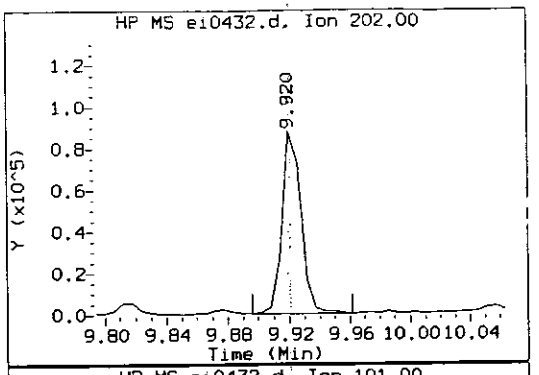


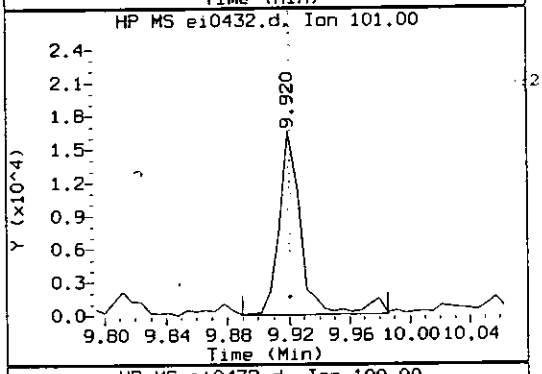
Sample Spectrum (Background Subtracted)

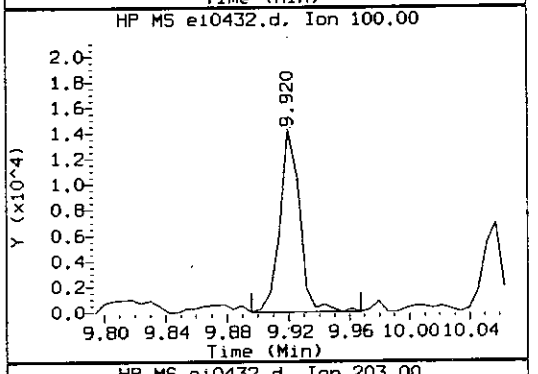


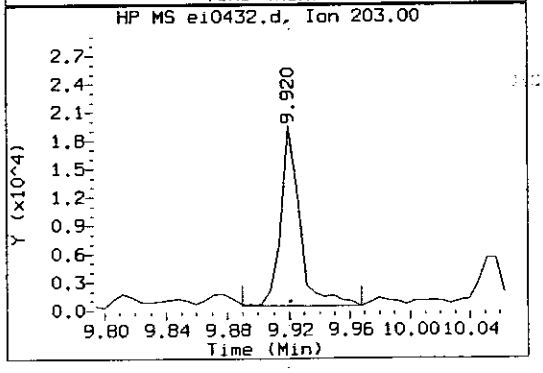
Sample Spectrum (Unaltered)











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

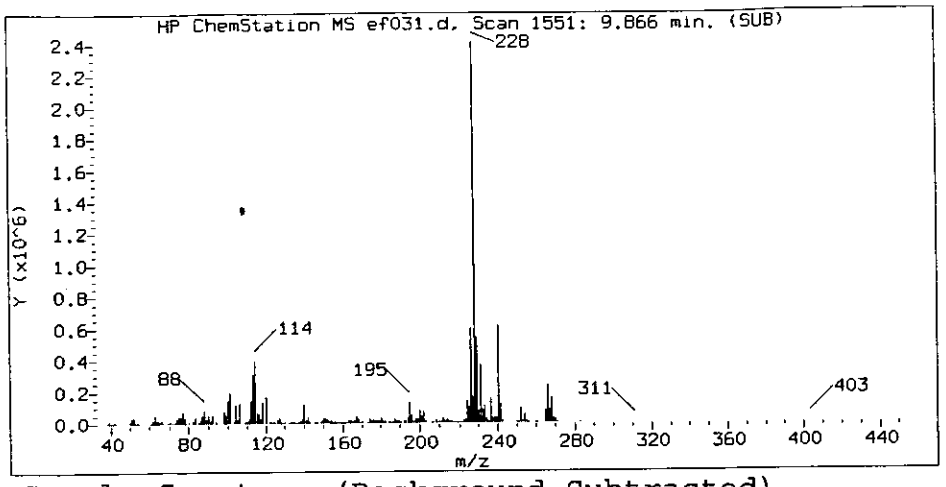
Sample Name: AMS33

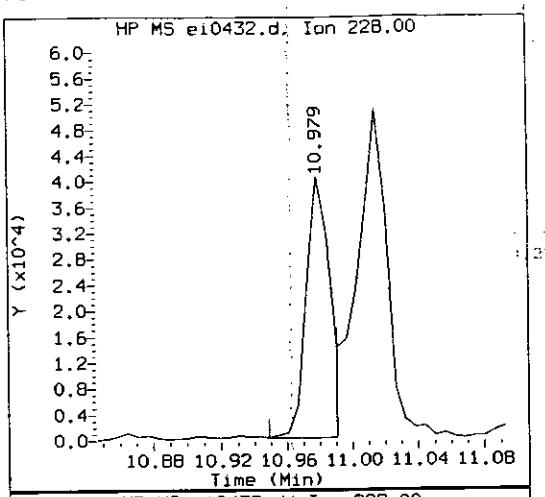
Lab Sample ID: 5454445

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

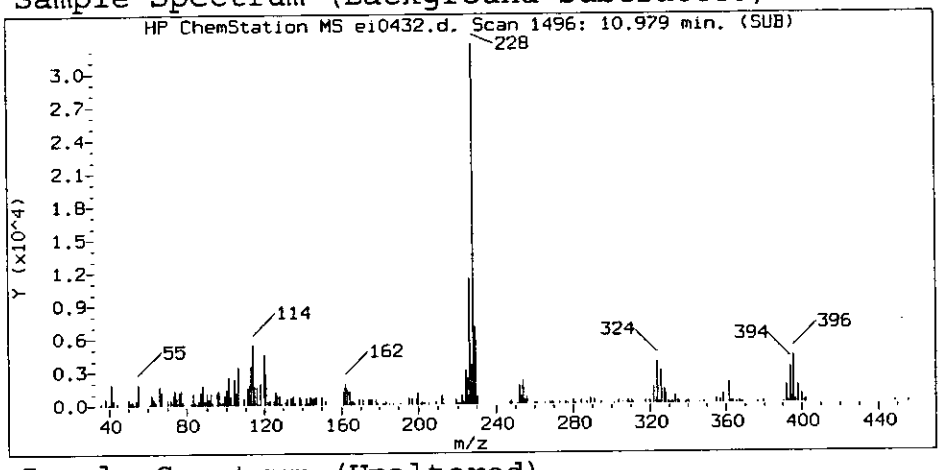
ASX05 0095

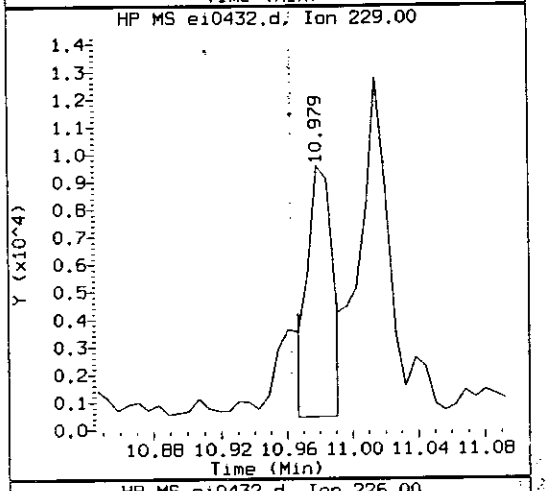
Reference Standard Spectrum for Benzo(a)anthracene



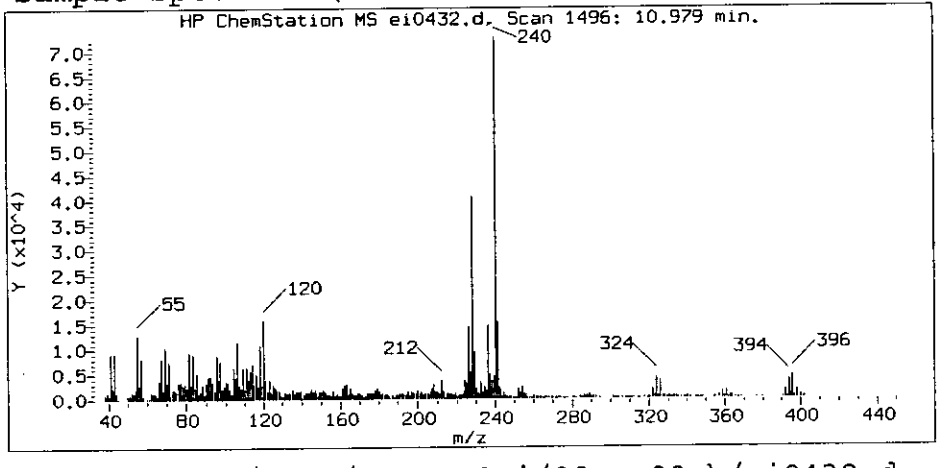


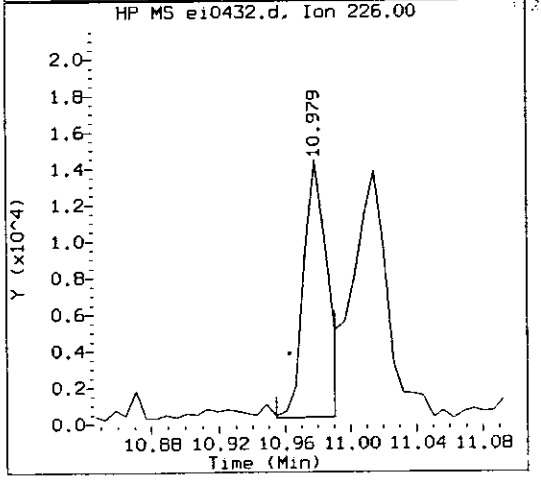
Sample Spectrum (Background Subtracted)





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

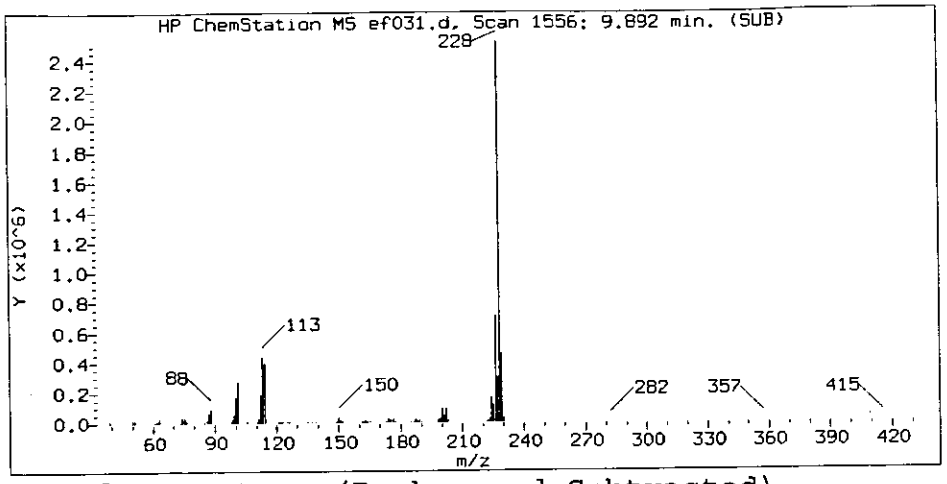
Date, time and analyst ID of latest file update: 09-Sep-2008 20:21 lmh00956

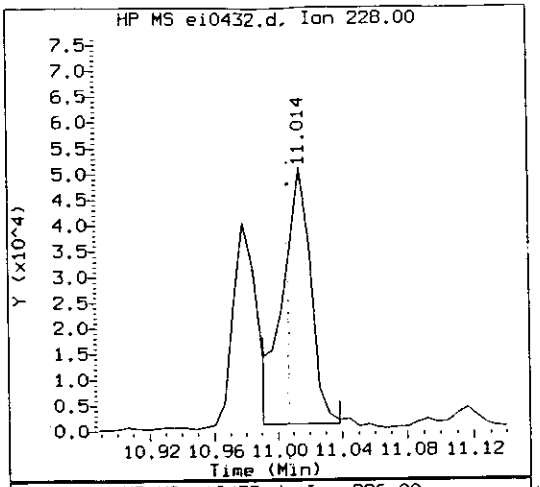
Sample Name: AMS33

Lab Sample ID: 5454445

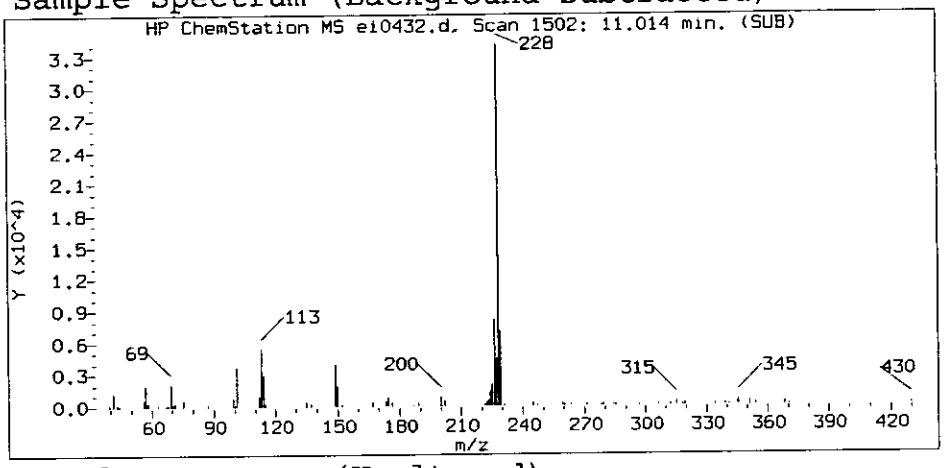
Compound Number	: 167
Compound Name	: Benzo(a)anthracene
Scan Number	: 1496
Retention Time (minutes)	: 10.979
Quant Ion	: 228.0
Area (flag)	: 39291
Concentration (ng/ul)	: 4.1667

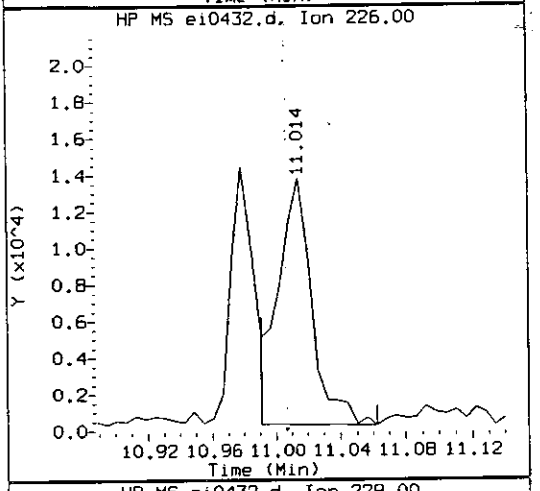
Reference Standard Spectrum for Chrysene



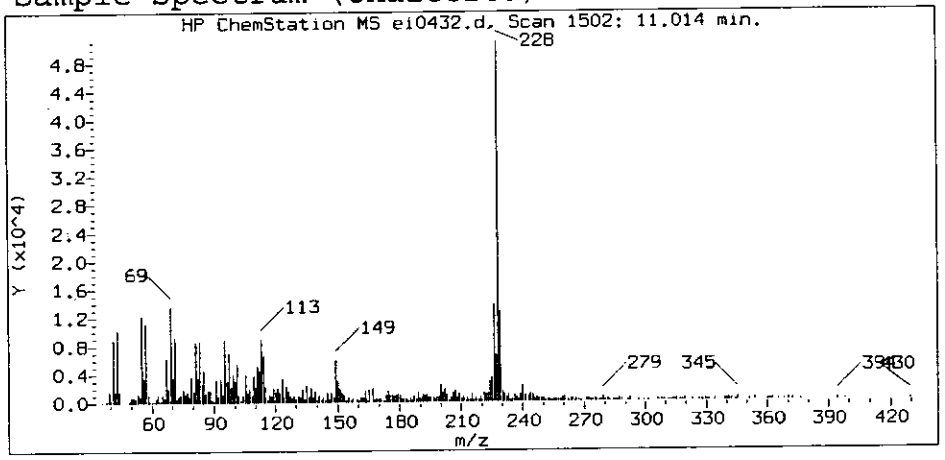


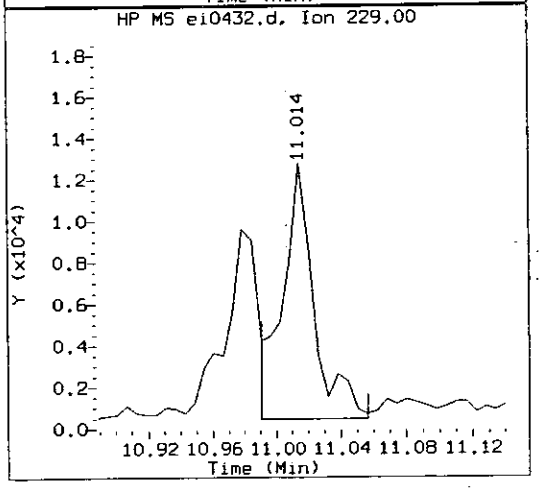
Sample Spectrum (Background Subtracted)





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

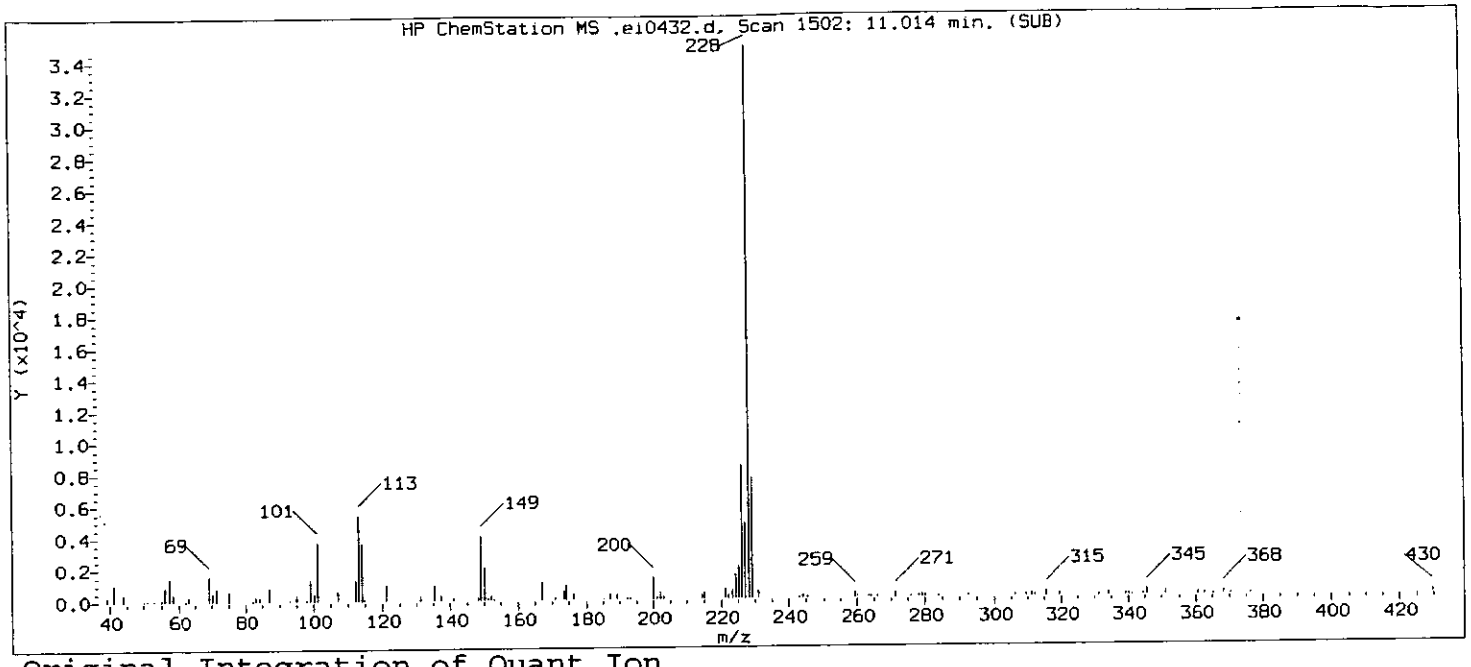
Sample Name: AMS33

Lab Sample ID: 5454445

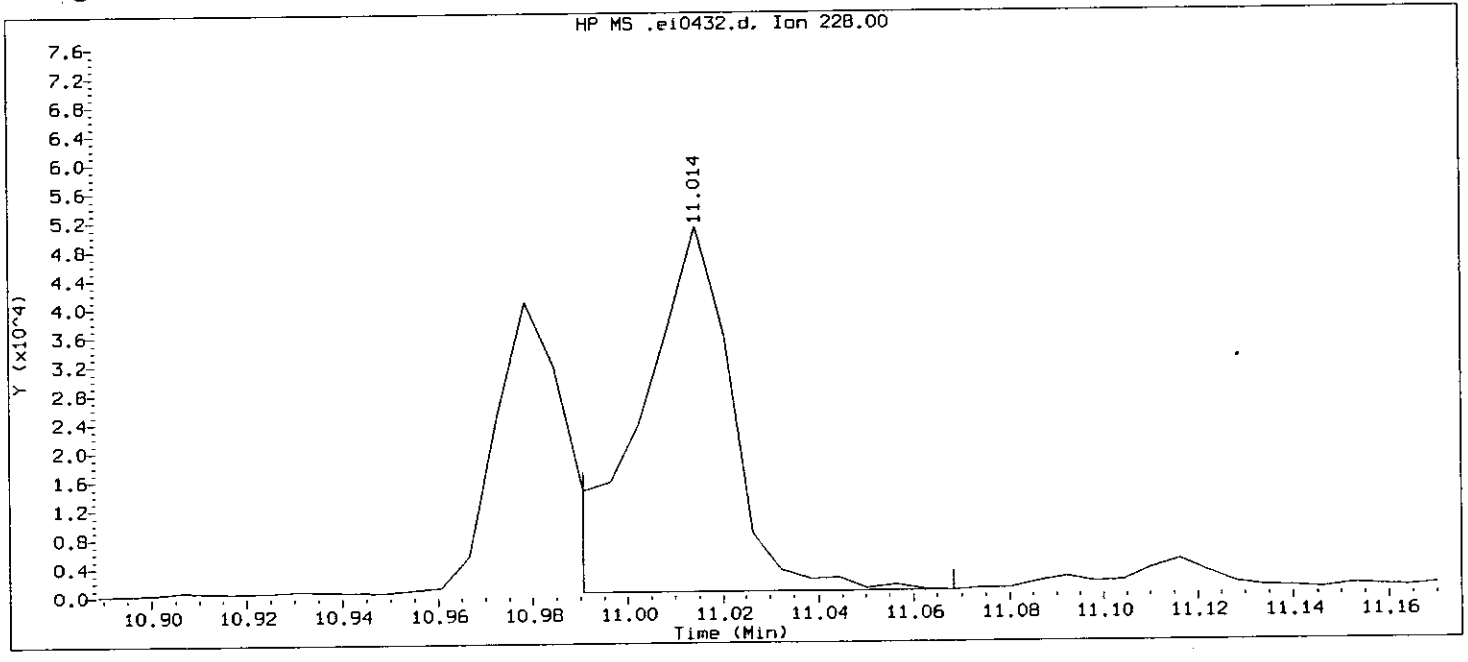
Compound Number : 169
Compound Name : Chrysene
Scan Number : 1502
Retention Time (minutes): 11.014
Quant Ion : 228.0
Area (flag) : 64292 M
Concentration (ng/ul) : 7.1452

ASX05 0097

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

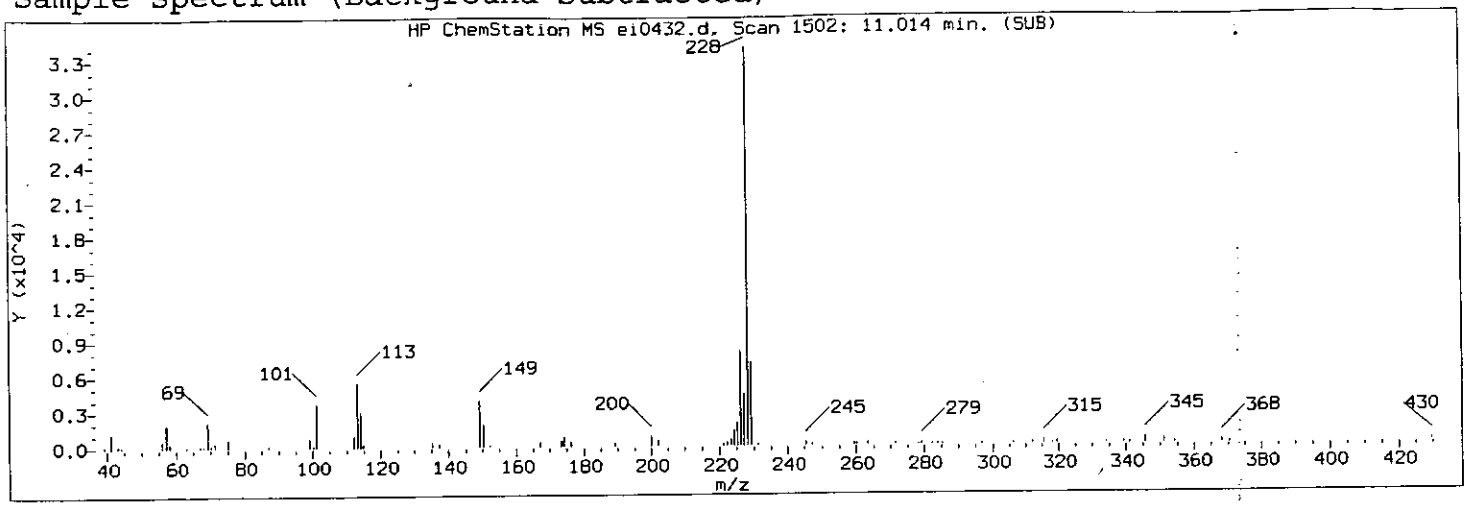
Lab Sample ID: 5454445

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

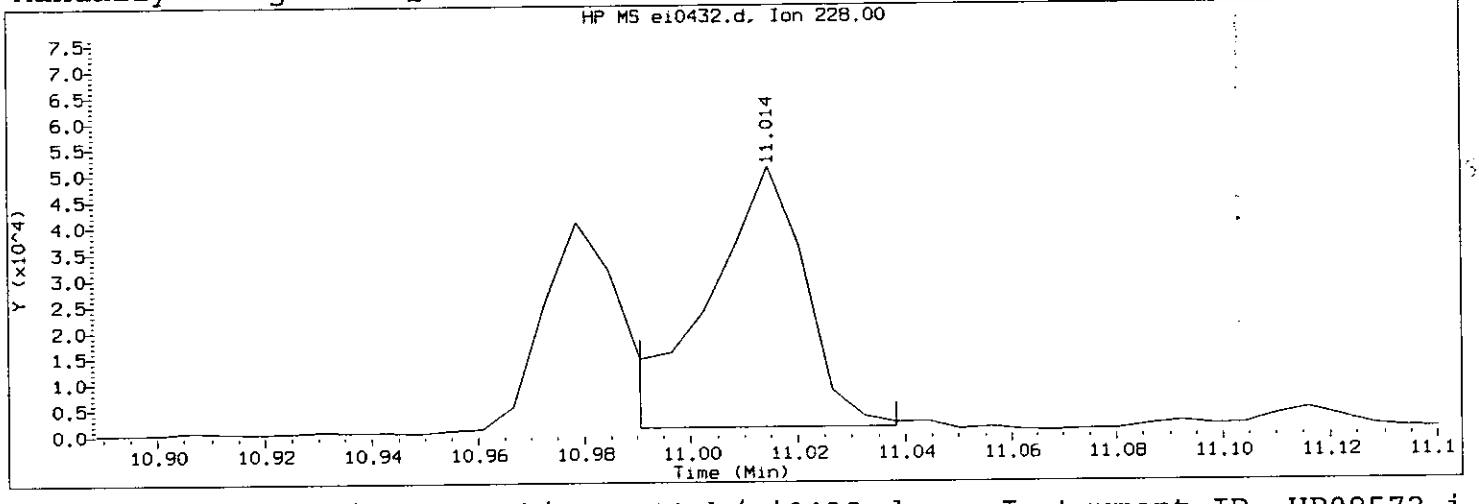
Integration stop scan: 1510
Y at integration end: 330

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

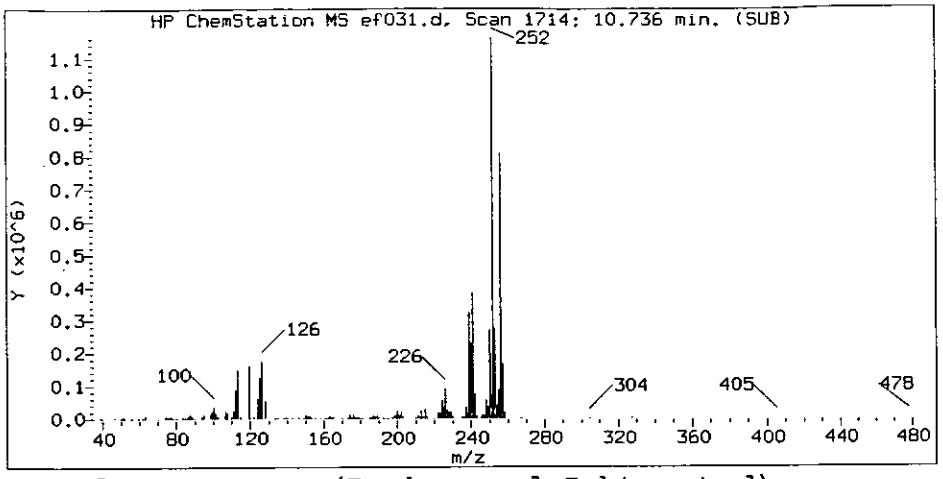
Compound Number : 169
Compound Name : Chrysene
Scan Number : 1502
Retention Time (minutes): 11.014
Quant Ion : 228
Area (flag) : 64292 M
Concentration (ng/ul) : 7.1452
Integration start scan : 1497 Integration stop scan: 1505
Y at integration start : 1262 Y at integration end: 1262

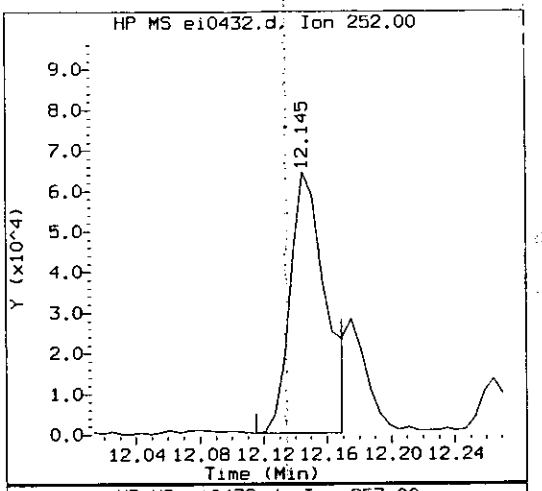
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/09/08

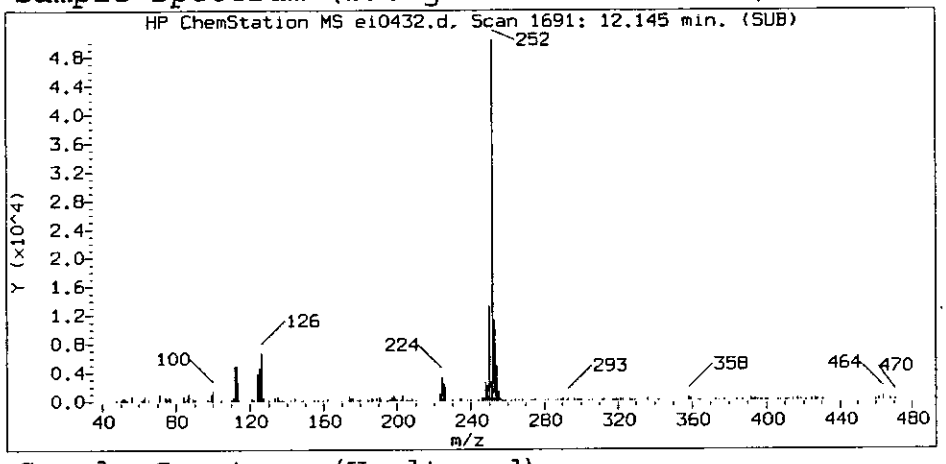
GC/MS audit/management approval: [illegible] 9/10/08

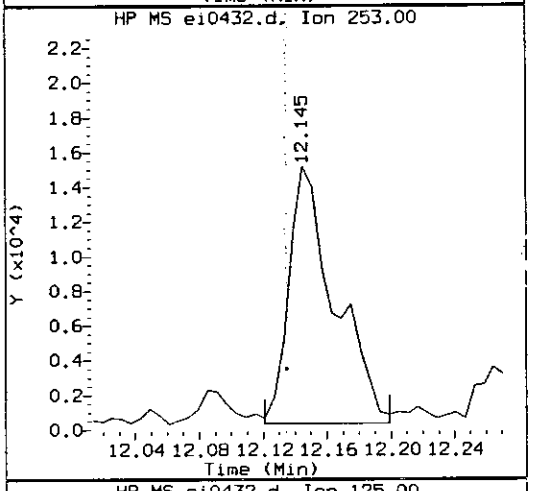
Reference Standard Spectrum for Benzo(b)fluoranthene



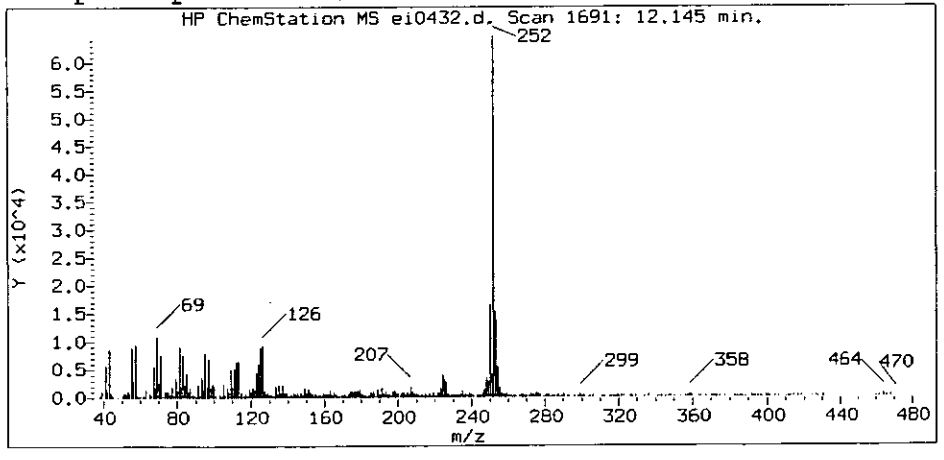


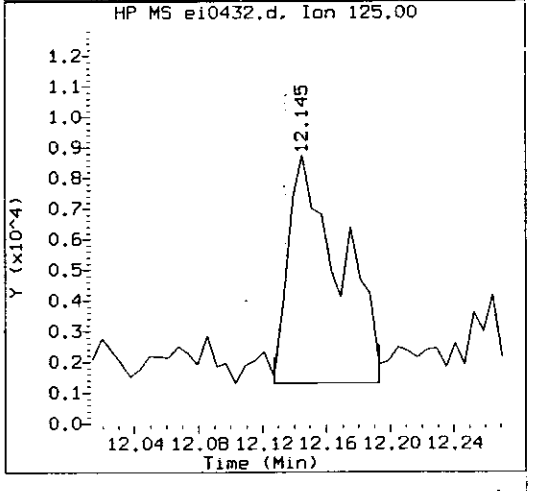
Sample Spectrum (Background Subtracted)





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

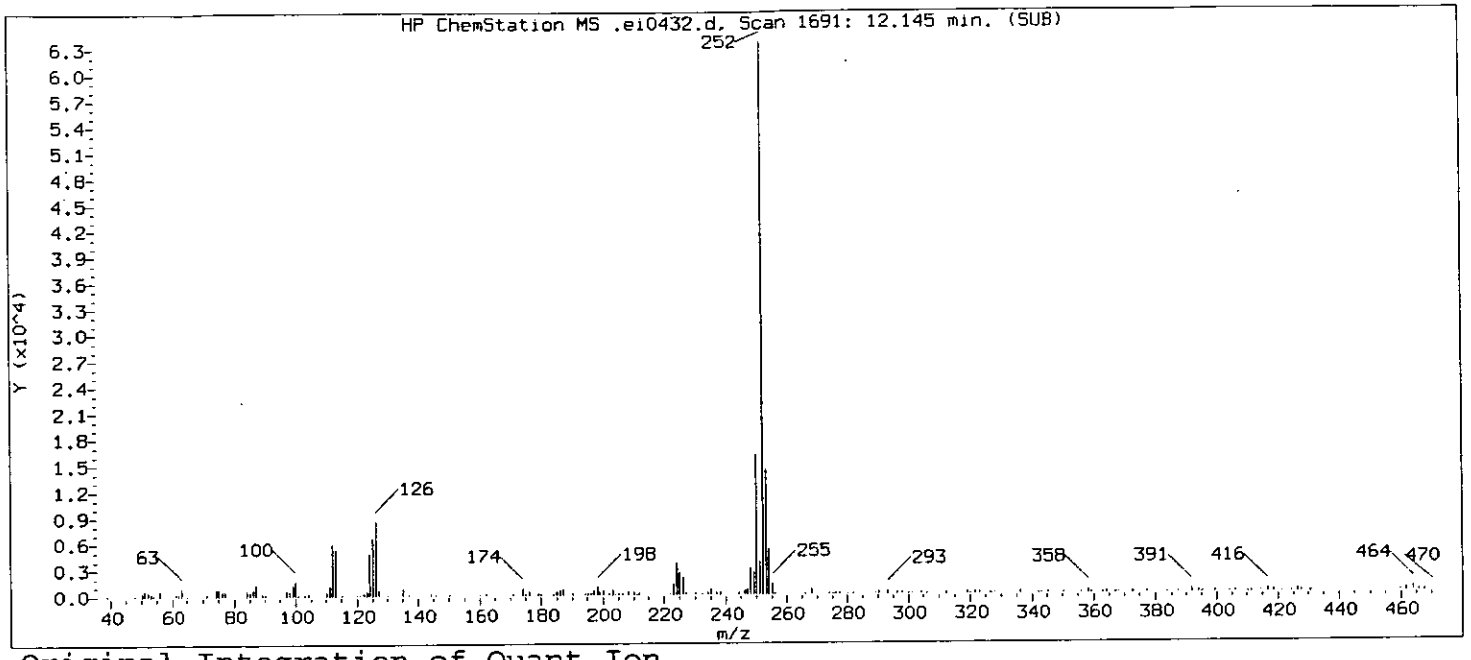
Sample Name: AMS33

Lab Sample ID: 5454445

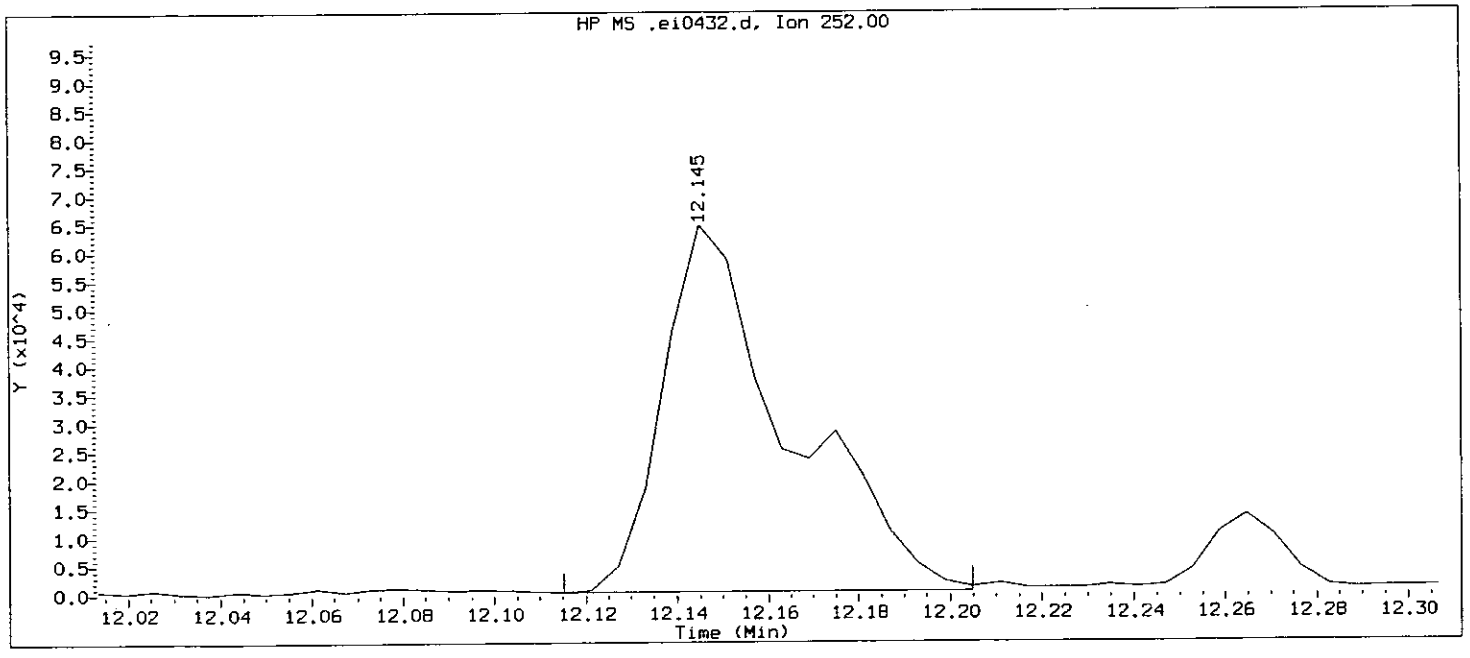
Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1691
Retention Time (minutes): 12.145
Quant Ion : 252.0
Area (flag) : 99662 M
Concentration (ng/ul) : 9.6041

ASX05 0100

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

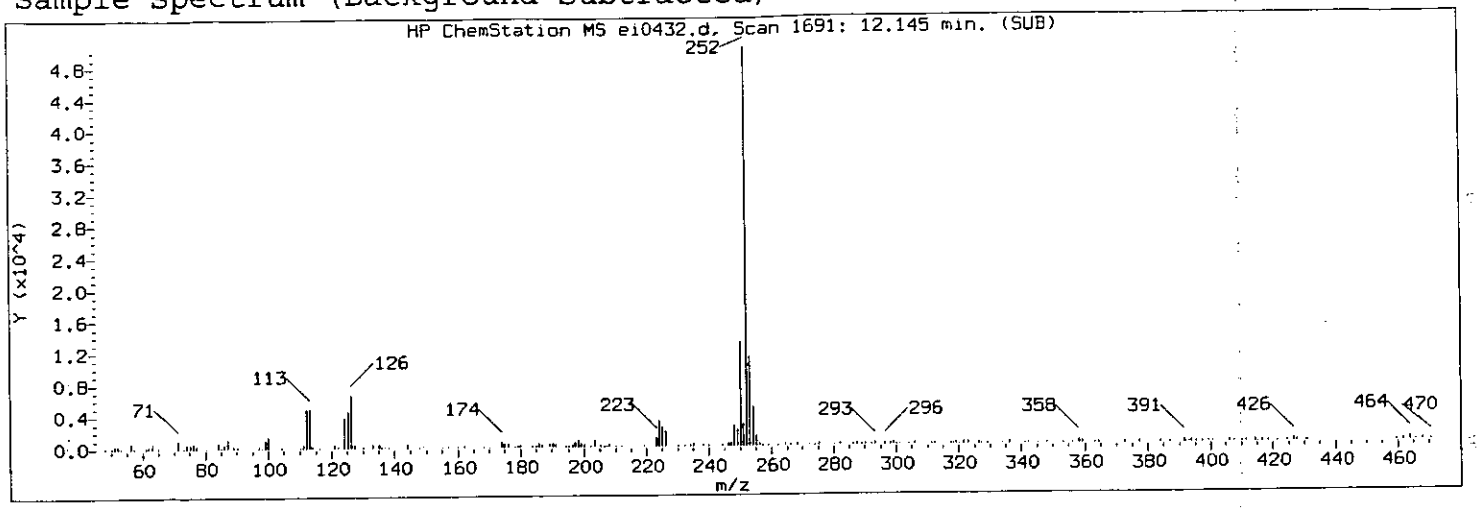
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

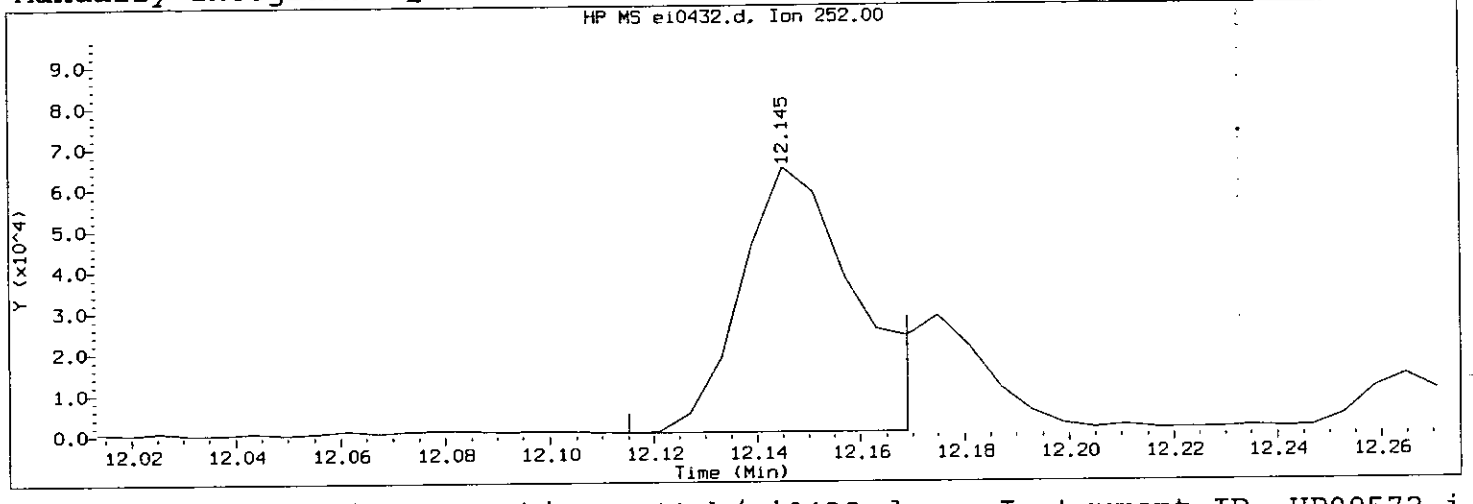
Compound Number : 173
Compound Name : Benzo(b)fluoranthene
Scan Number : 1691
Retention Time (minutes): 12.145
Quant Ion : 252
Area : 123516
Concentration (ng/ul) : 11.9029
Integration start scan : 1685 Integration stop scan: 1700
Y at integration start : 307 Y at integration end: 307

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

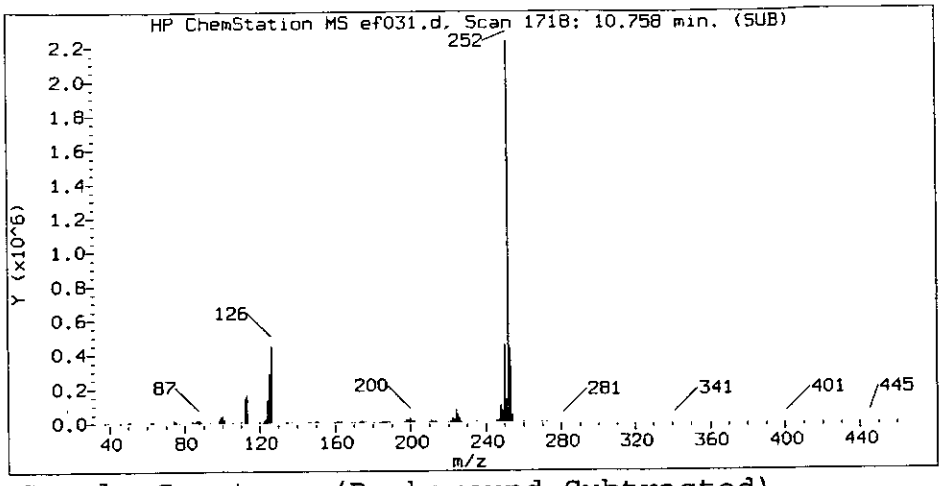
Analyst responsible for change: lmh195 09/09/08

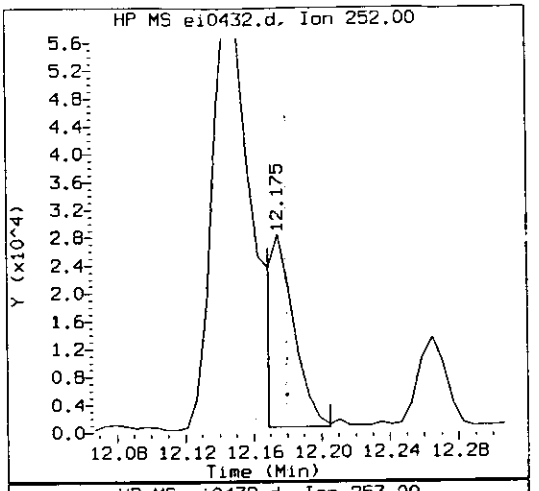
GC/MS audit/management approval: 9/10/08

ASX05 0102

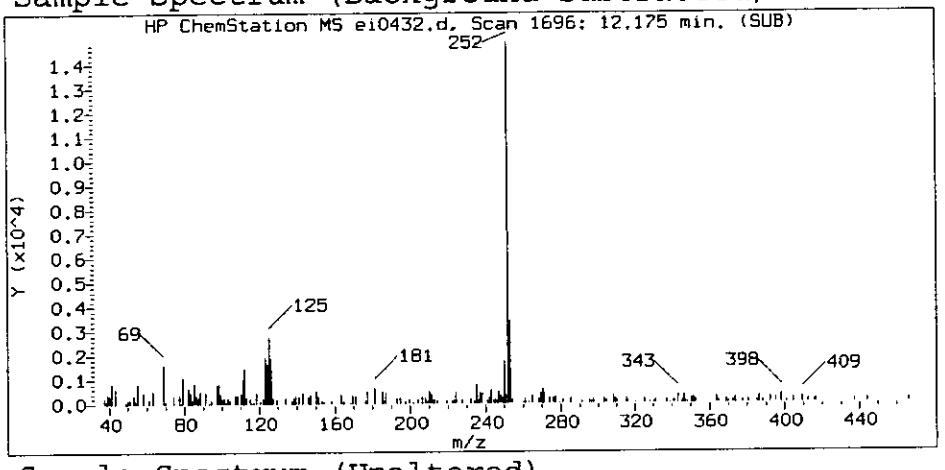
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

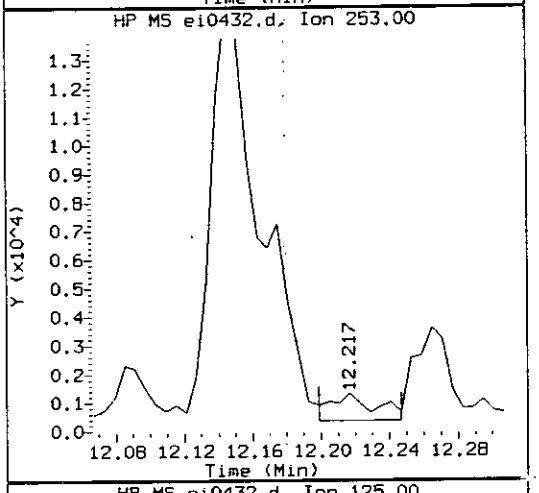
Reference Standard Spectrum for Benzo(k)fluoranthene



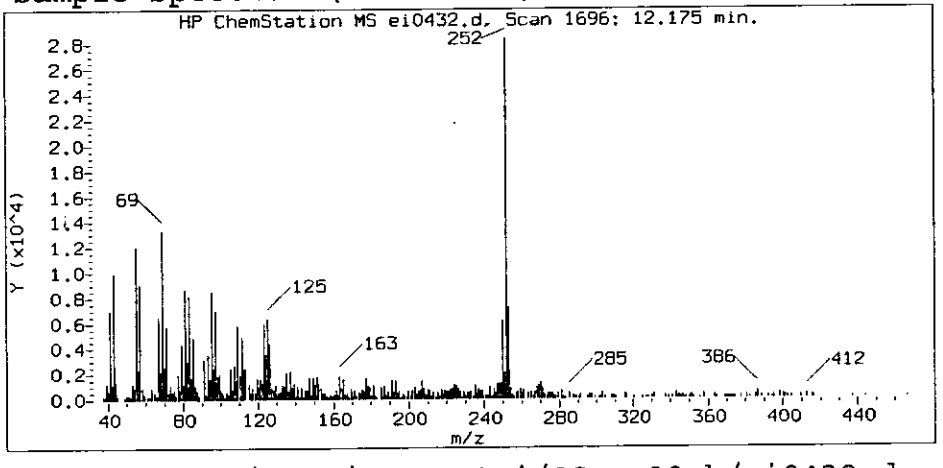


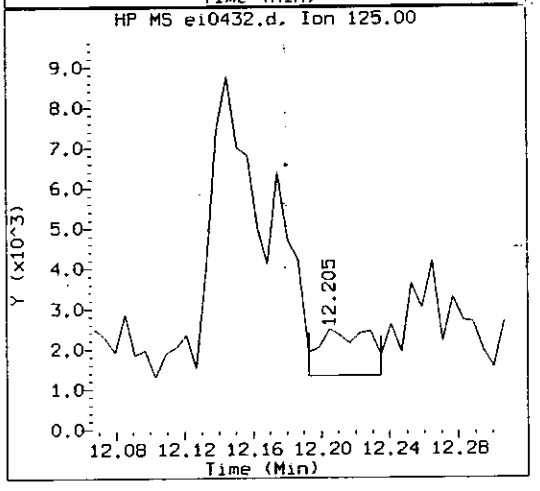
Sample Spectrum (Background Subtracted)





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

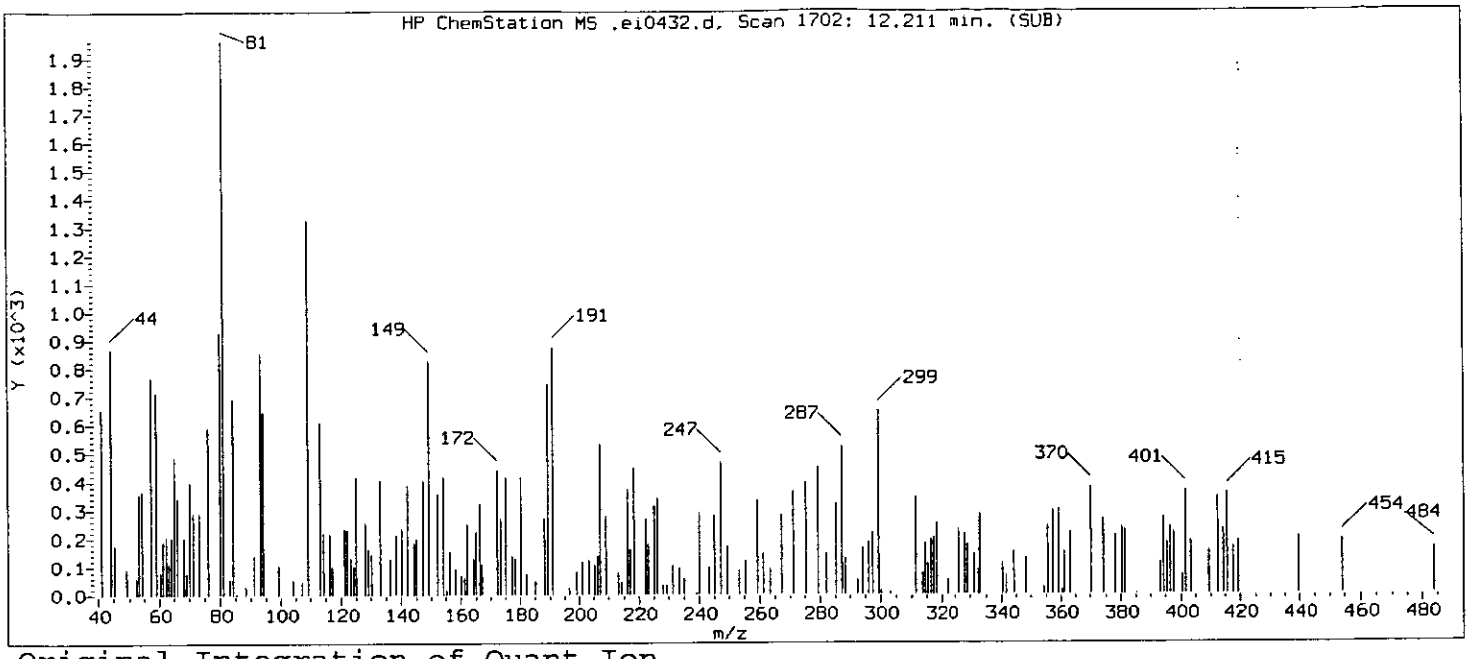
Sample Name: AMS33

Lab Sample ID: 5454445

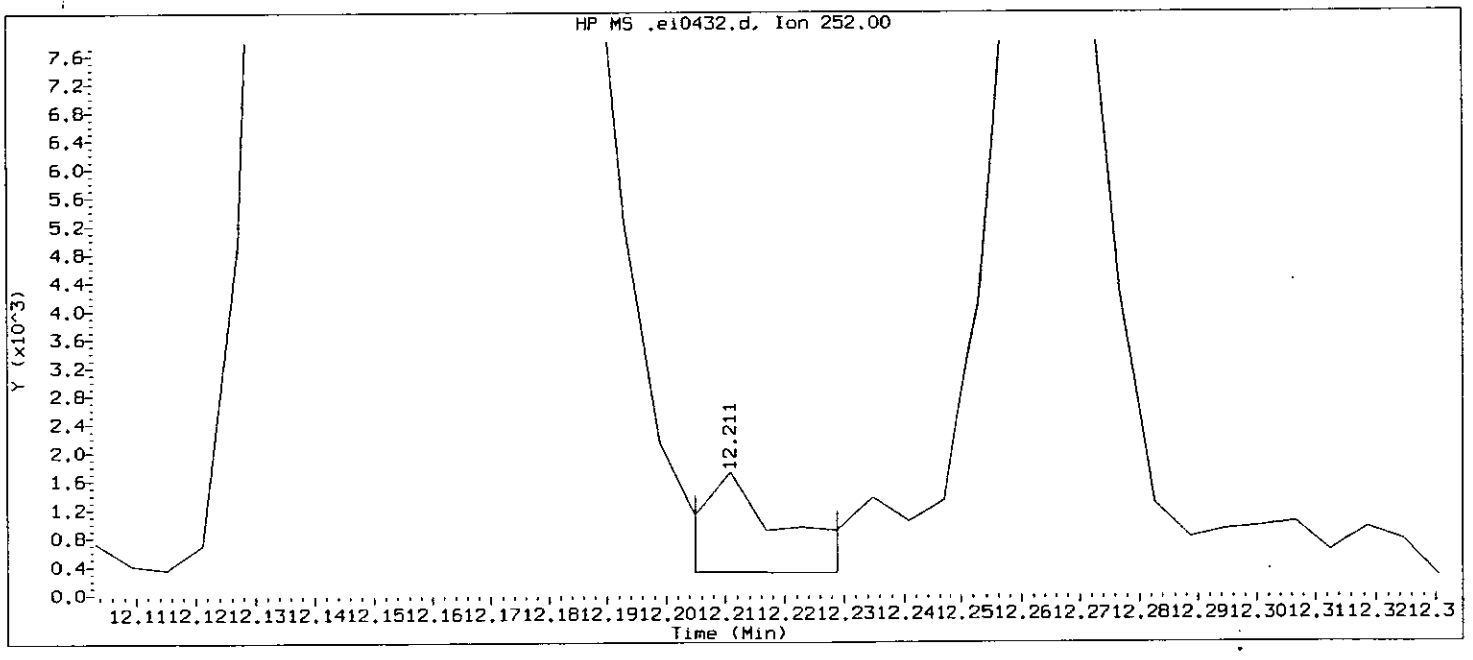
Compound Number	: 174
Compound Name	: Benzo(k)fluoranthene
Scan Number	: 1696
Retention Time (minutes)	: 12.175
Quant Ion	: 252.0
Area (flag)	: 31335 M
Concentration (ng/ul)	: 2.8988

ASX05 0103

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 : 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 Integration stop scan: 1704
Y at integration start : 307 Y at integration end: 295

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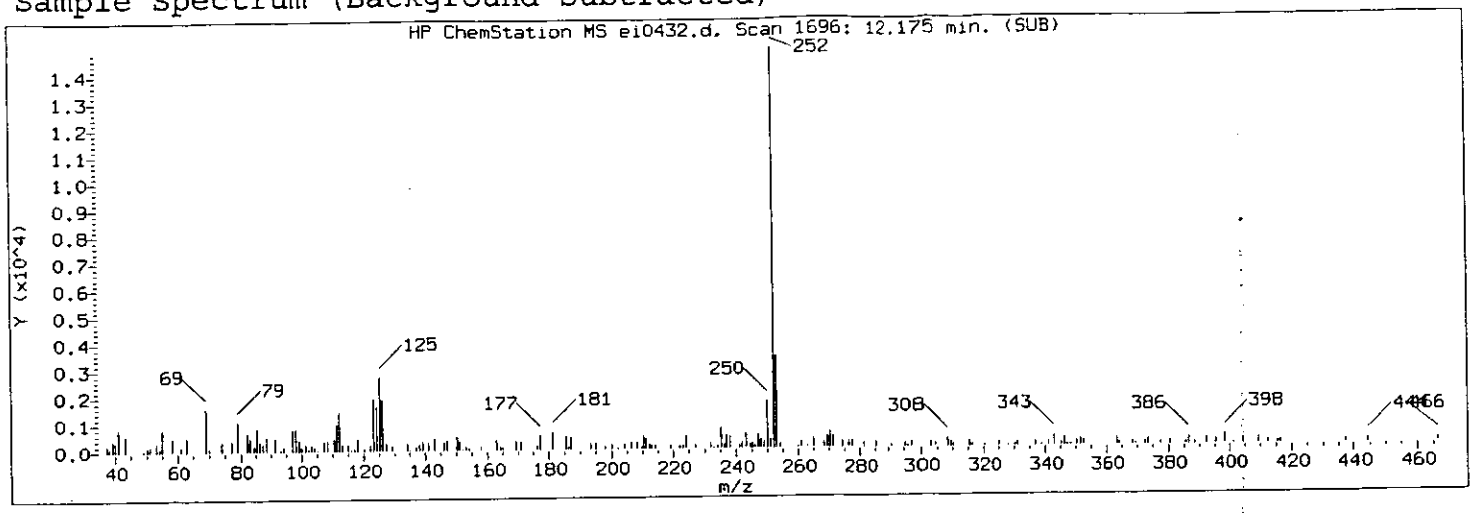
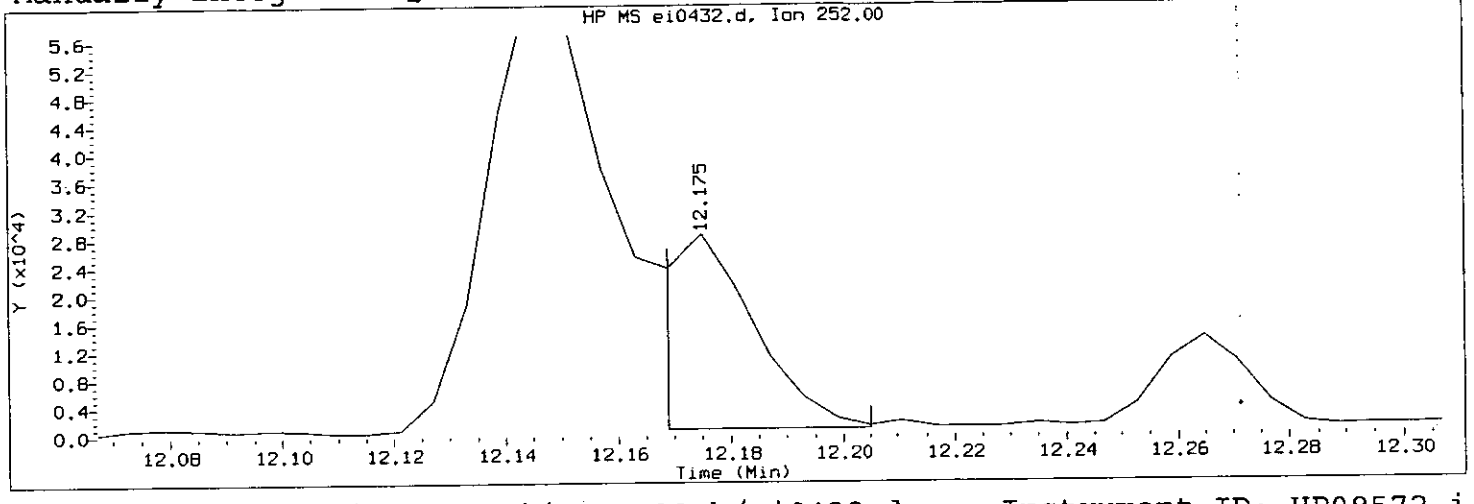
ASX05 0104

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
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 20:21 lmh00956

Sublist used: STC8

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

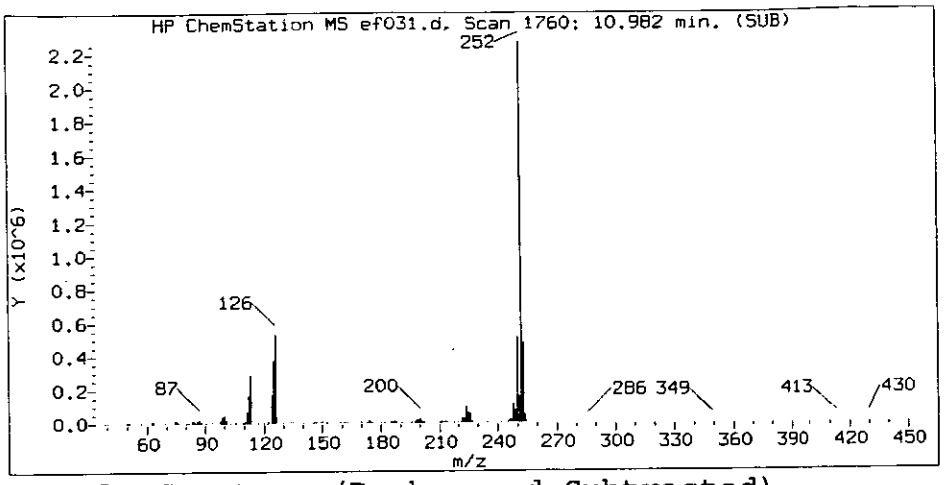
Analyst responsible for change: lmh198 09/09/08

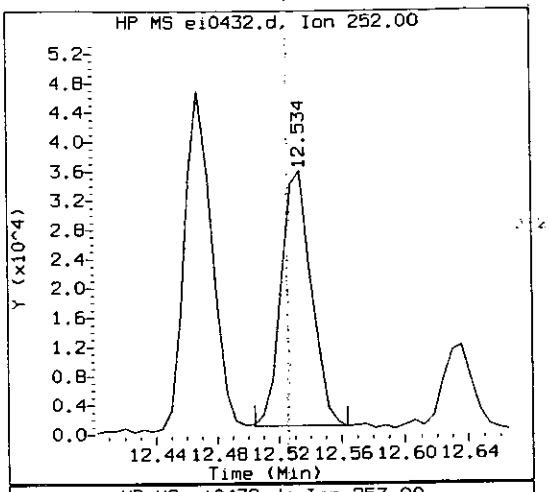
9/10/08

GC/MS audit/management approval: _____

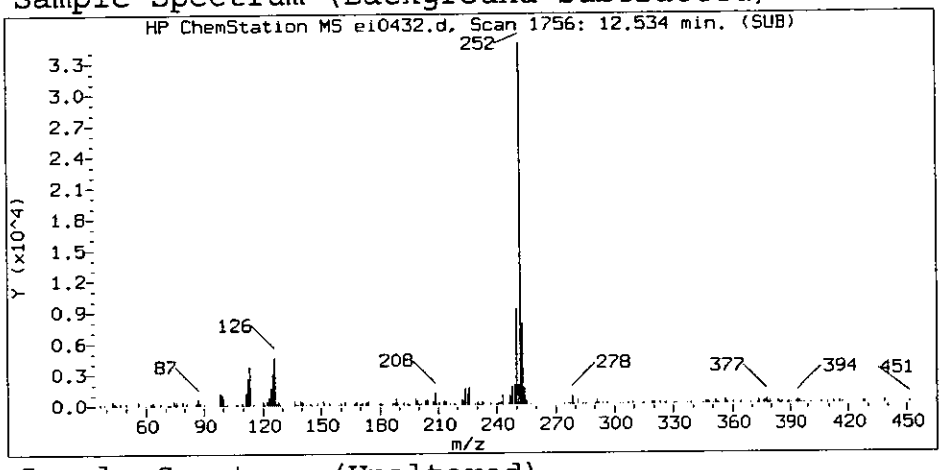
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

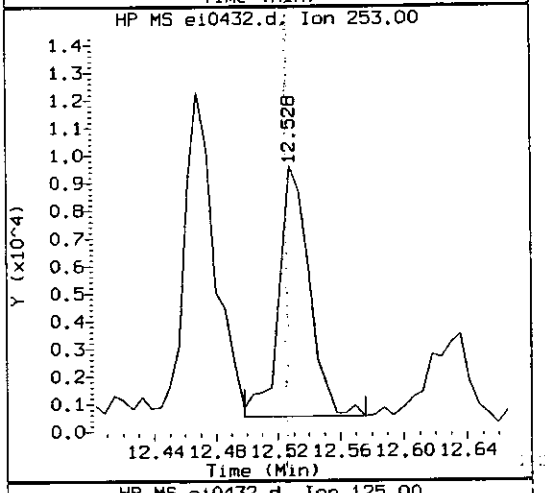
Reference Standard Spectrum for Benzo(a)pyrene



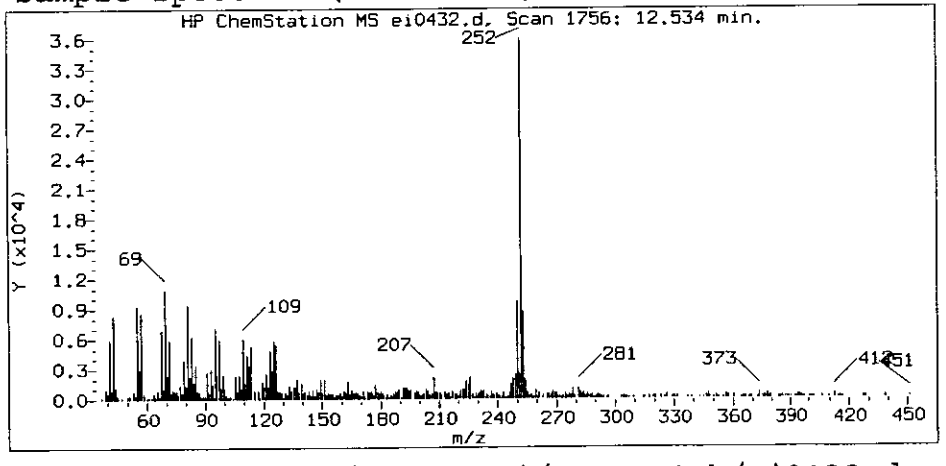


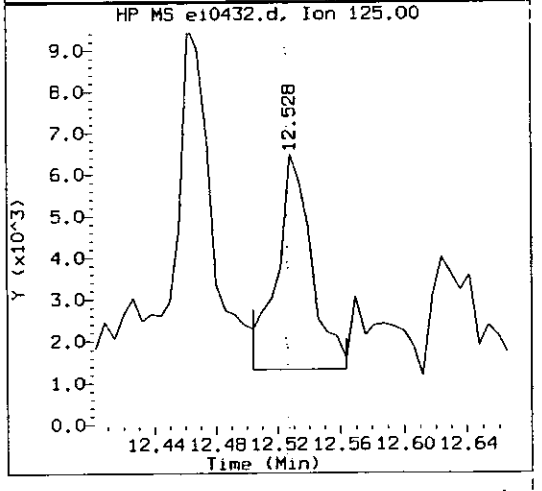
Sample Spectrum (Background Subtracted)





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

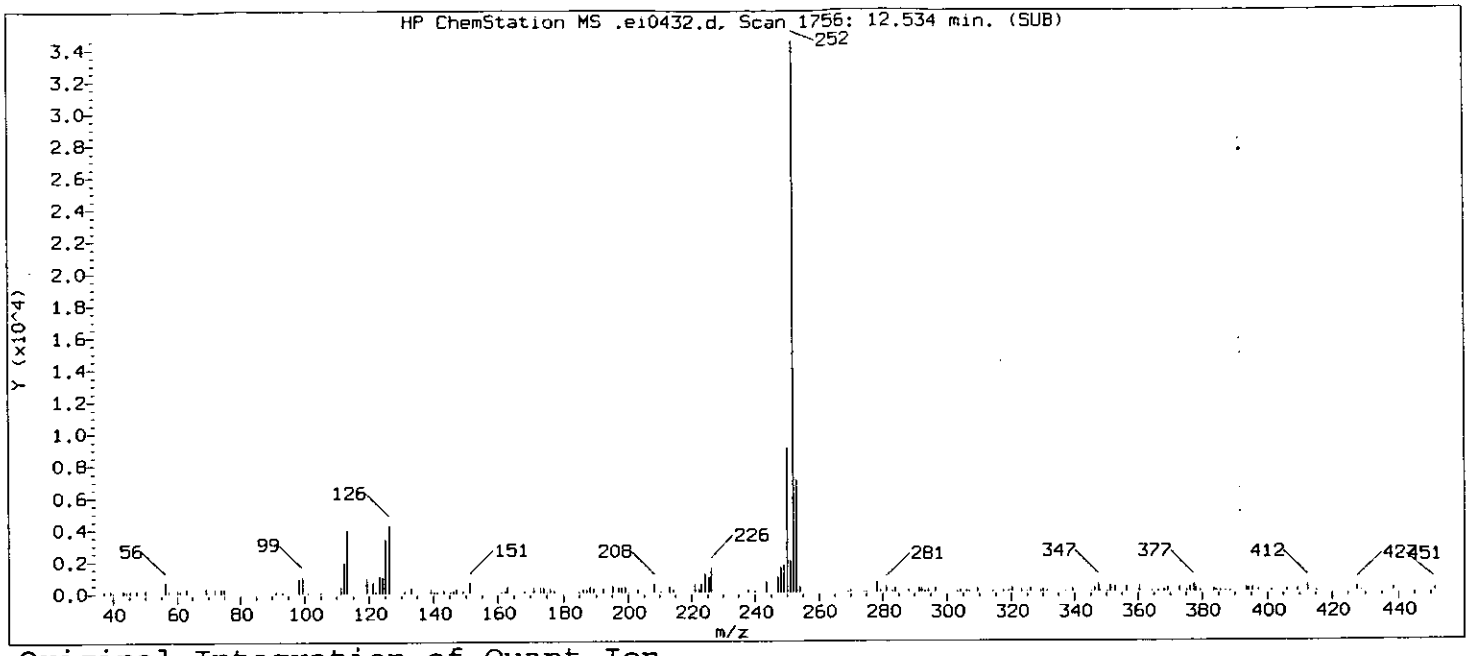
Sample Name: AMS33

Lab Sample ID: 5454445

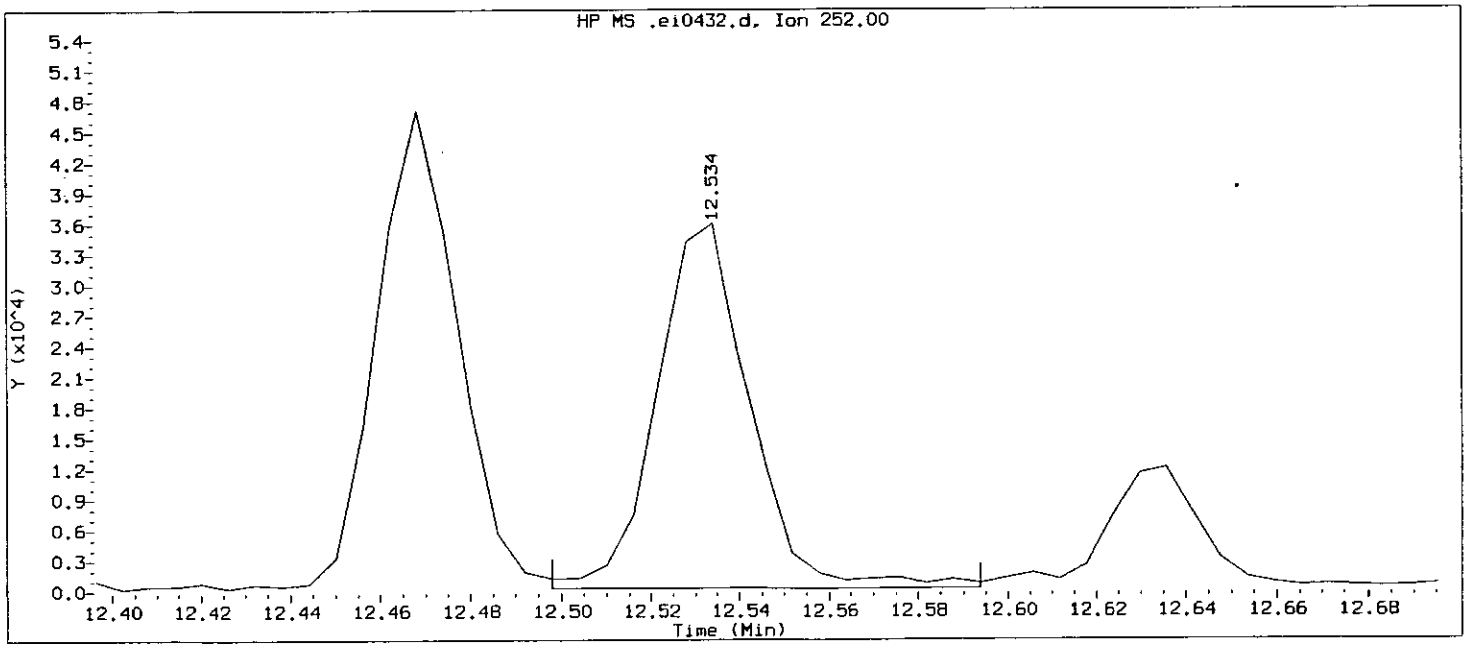
Compound Number	: 175
Compound Name	: Benzo(a)pyrene
Scan Number	: 1756
Retention Time (minutes)	: 12.534
Quant Ion	: 252.0
Area (flag)	: 47487 M
Concentration (ng/ul)	: 5.0526

ASX05 0106

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 : 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 Integration stop scan: 1765
Y at integration start : 304 Y at integration end: 278

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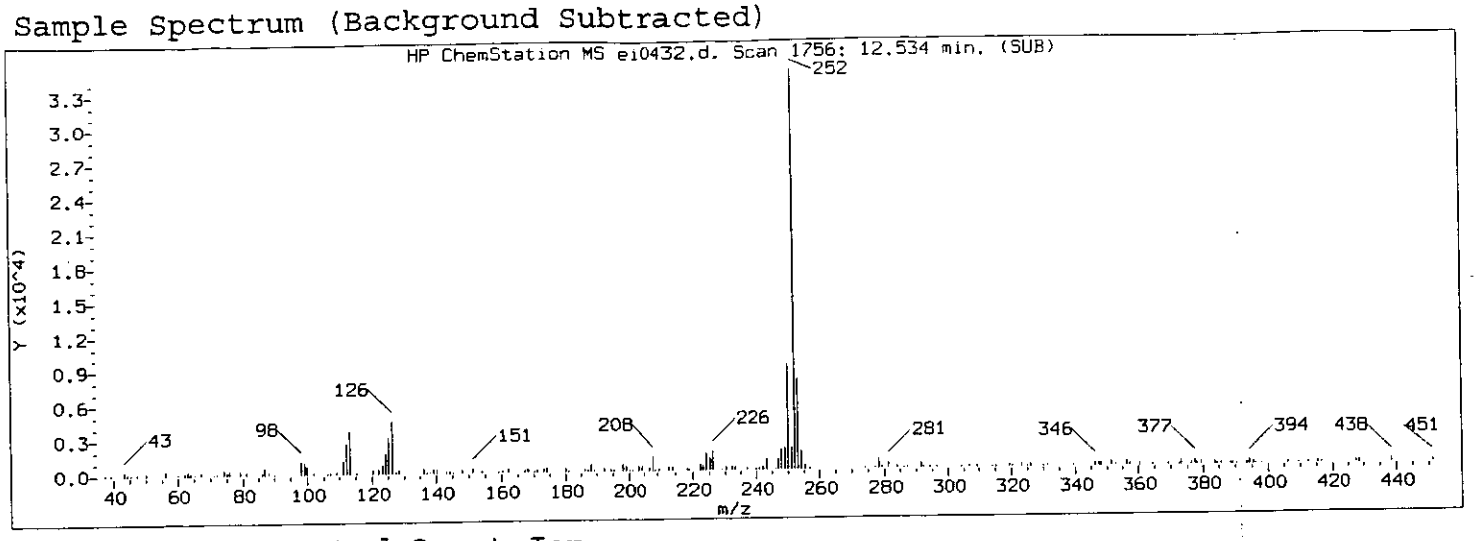
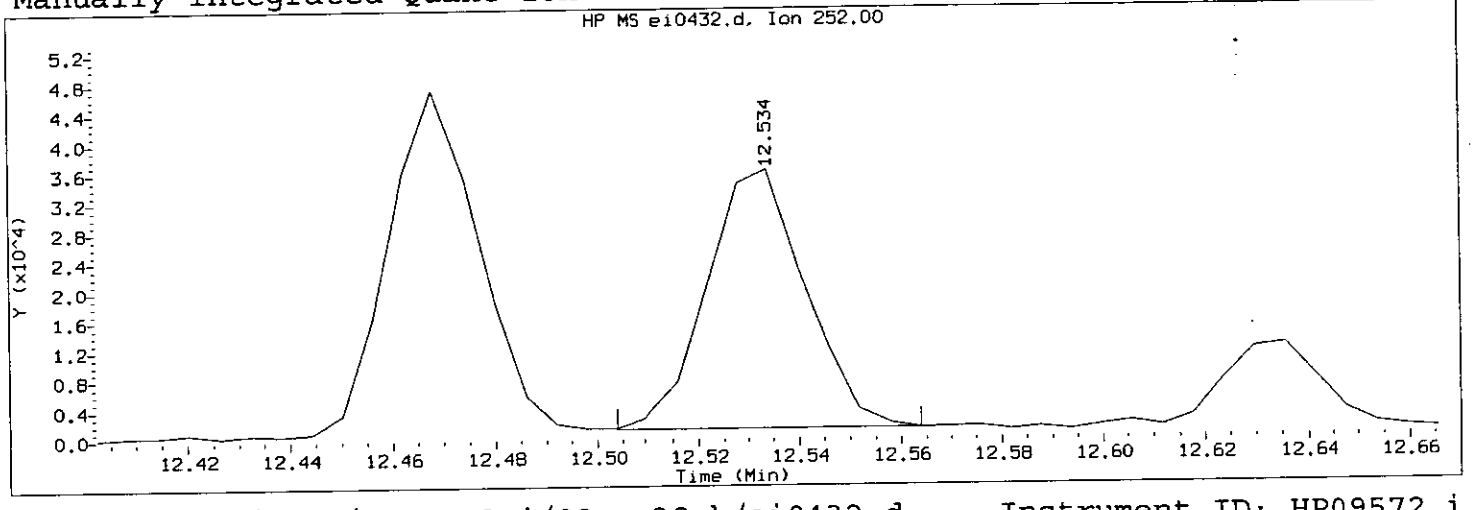
Original Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

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

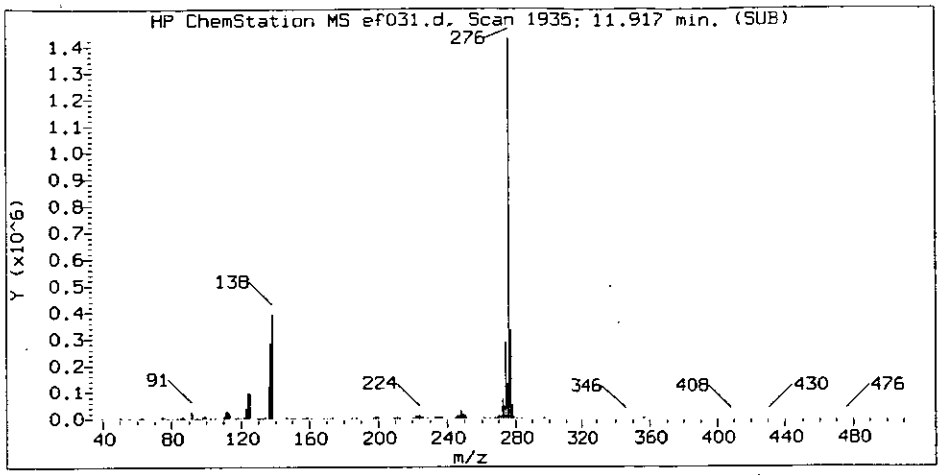
Reason for manual integration (circle one): missed peak improper integration

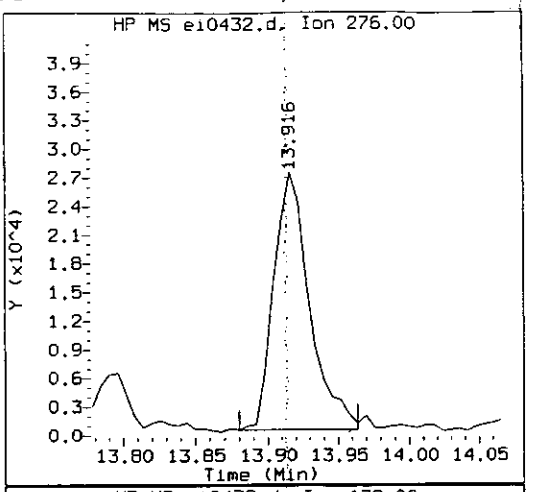
Analyst responsible for change: LMH 09/09/08

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

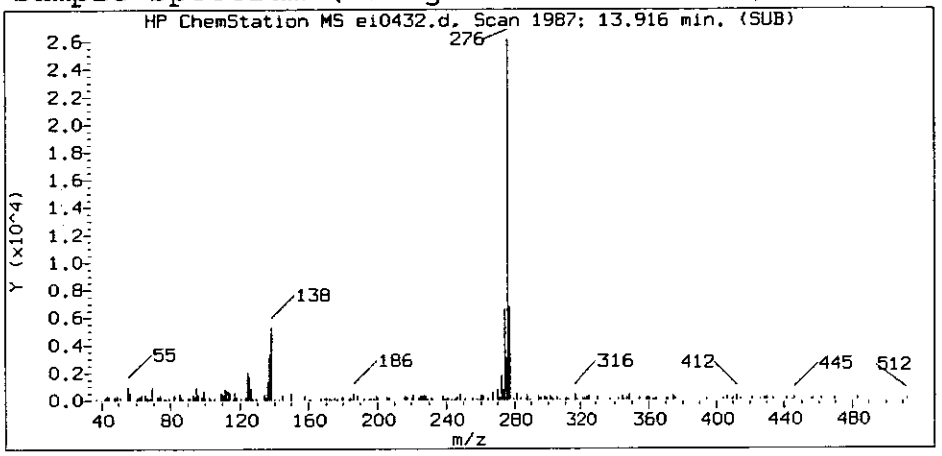
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

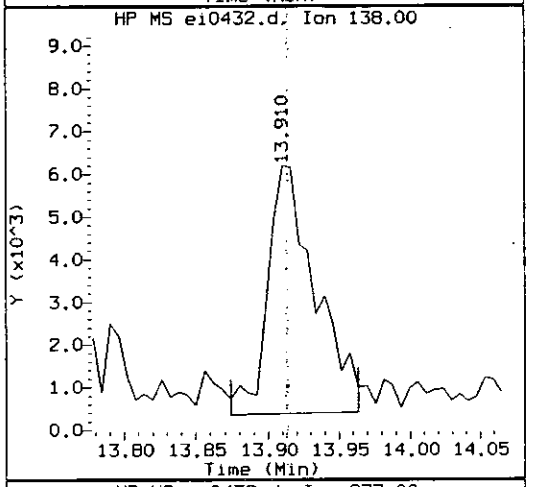
Reference Standard Spectrum for Indeno(1,2,3-cd)pyrene



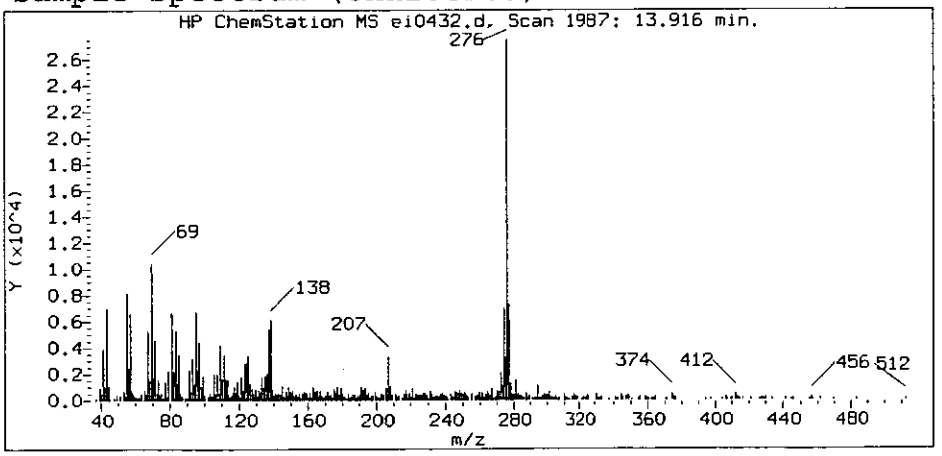


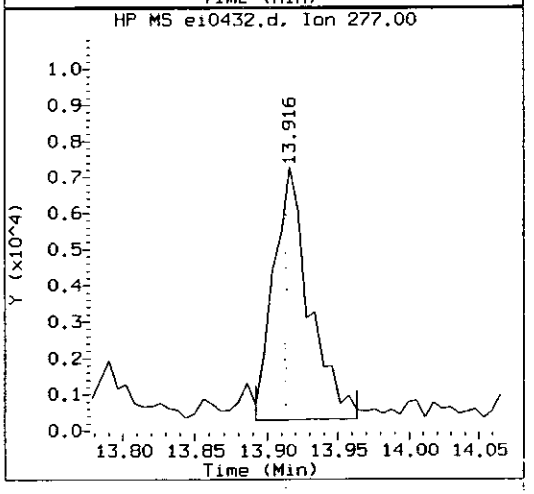
Sample Spectrum (Background Subtracted)





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

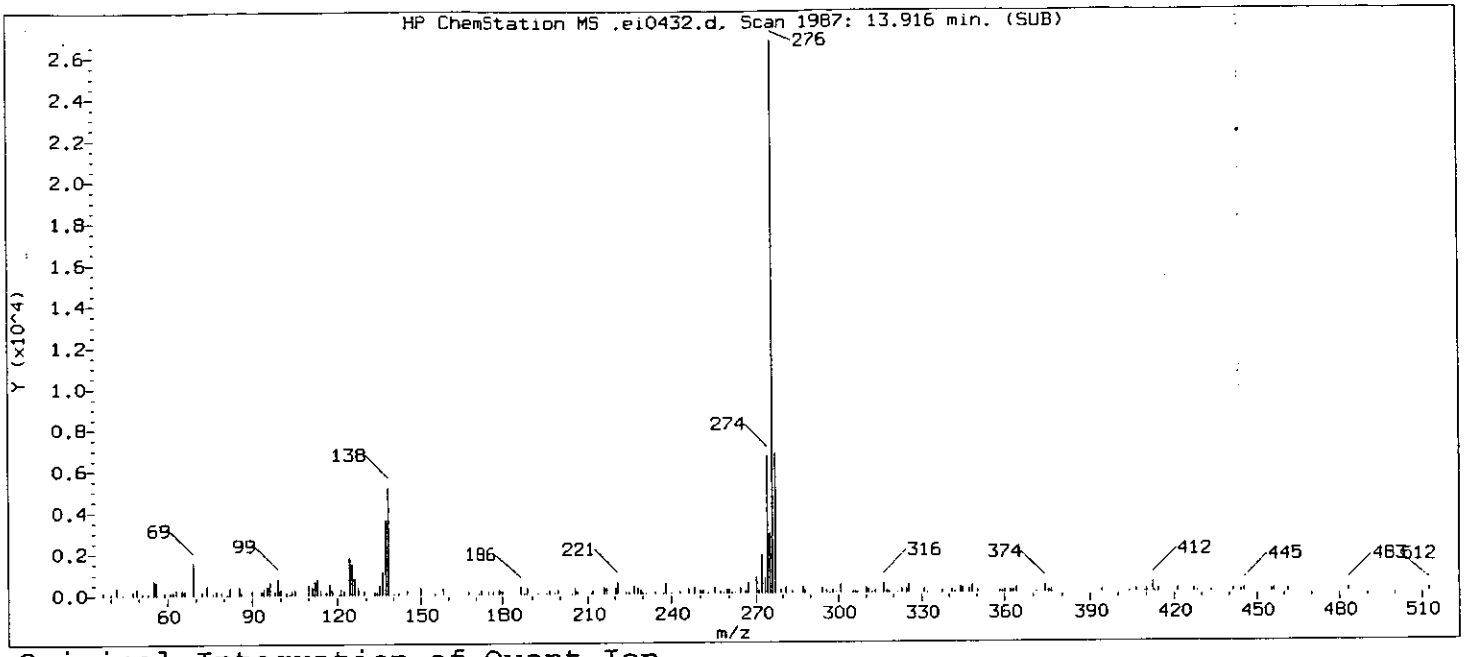
Sample Name: AMS33

Lab Sample ID: 5454445

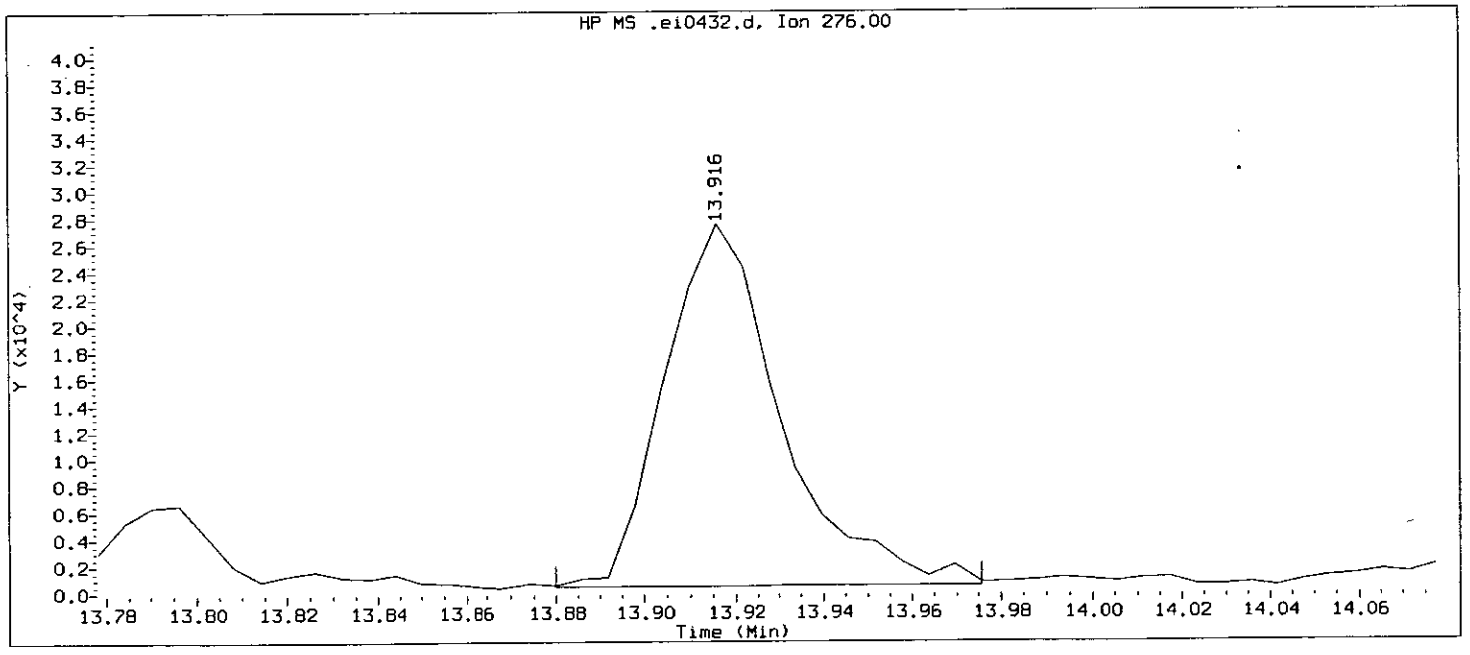
Compound Number	: 180
Compound Name	: Indeno(1,2,3-cd)pyrene
Scan Number	: 1987
Retention Time (minutes)	: 13.916
Quant Ion	: 276.0
Area (flag)	: 47517 M
Concentration (ng/ul)	: 4.2236

ASX05 2109

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

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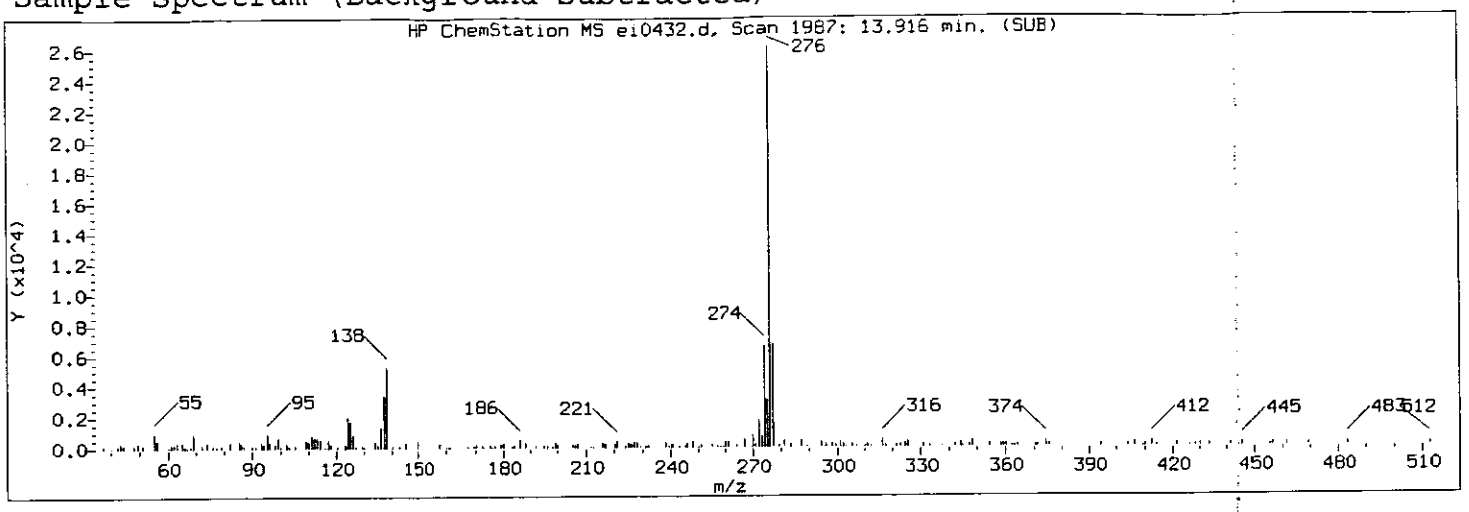
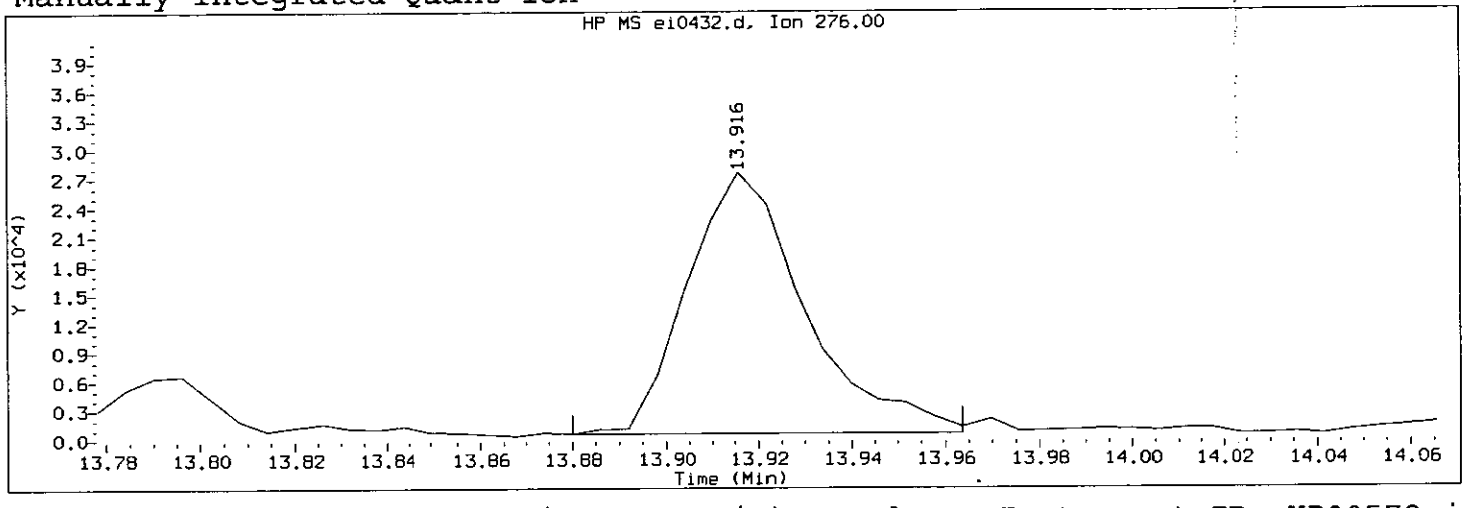
ASX05 0110

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

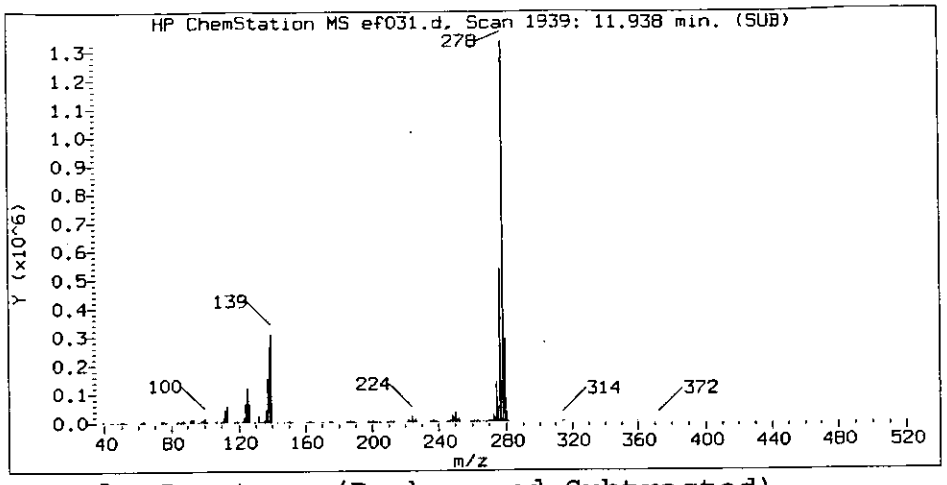
Reason for manual integration (circle one): missed peak improper integration

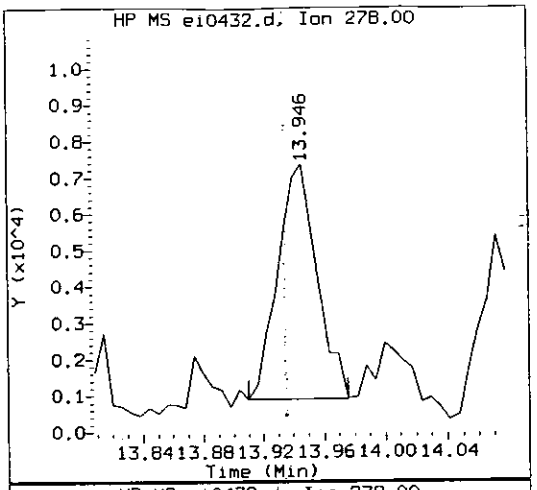
Analyst responsible for change: LMH198 09/09/08

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

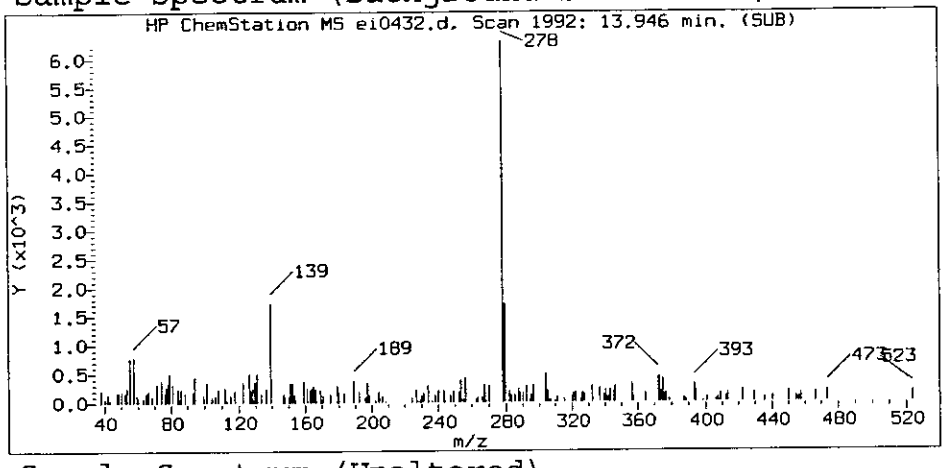
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

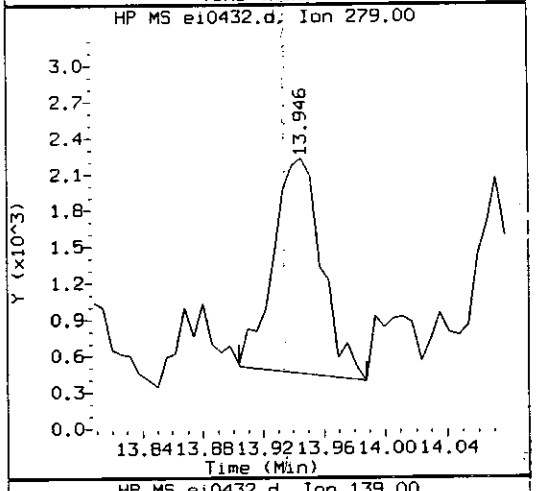
Reference Standard Spectrum for Dibenz(a,h)anthracene



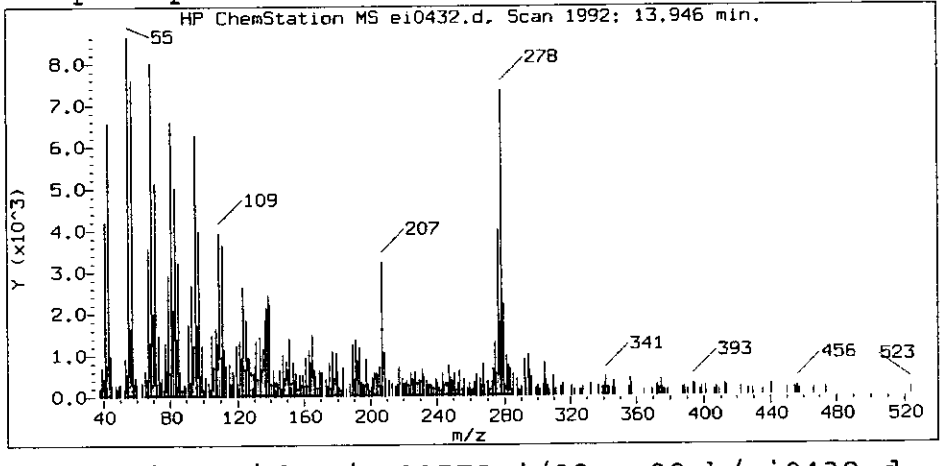


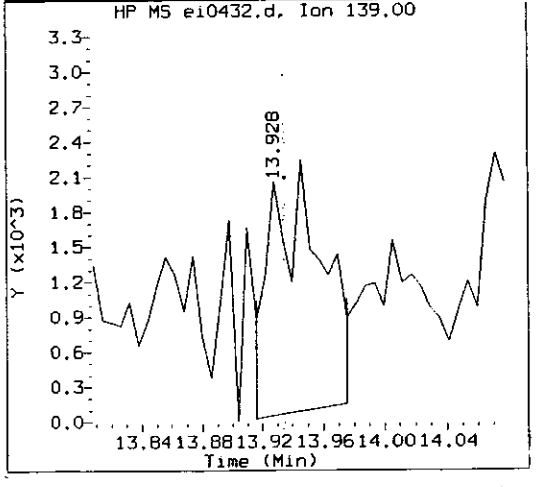
Sample Spectrum (Background Subtracted)





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

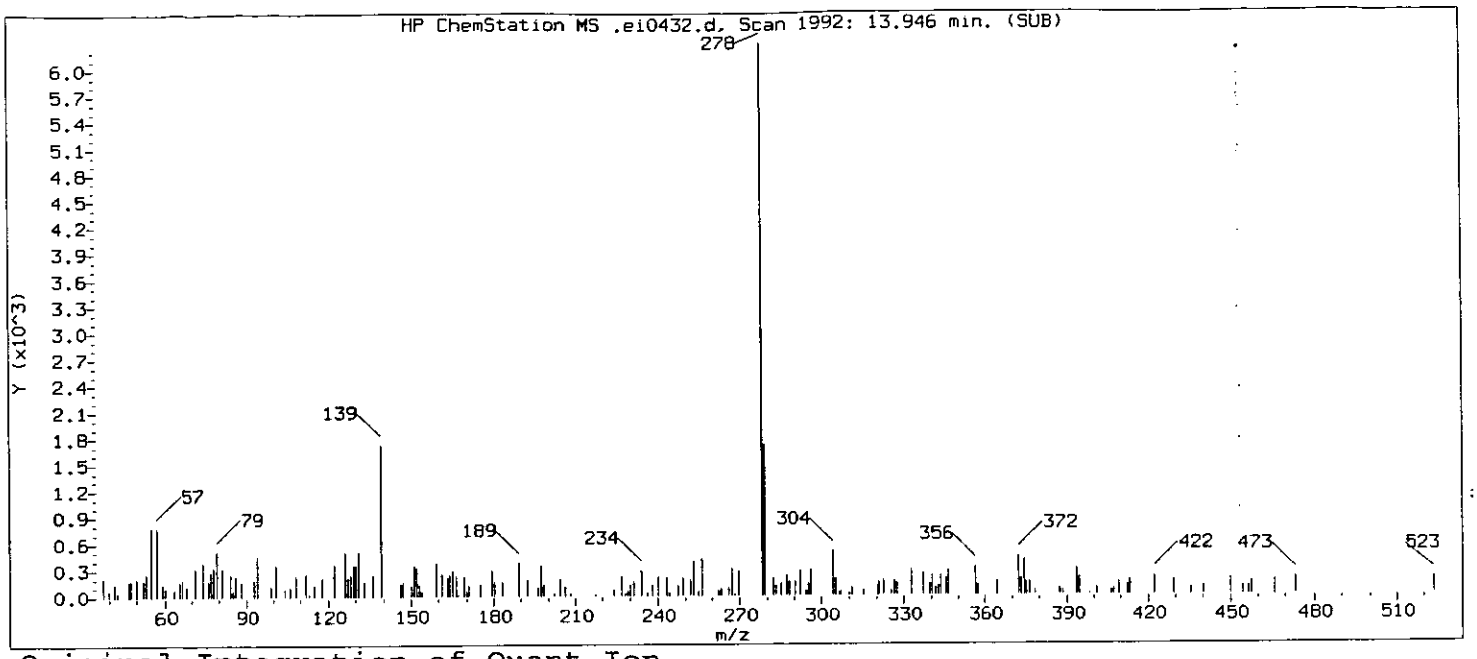
Sample Name: AMS33

Lab Sample ID: 5454445

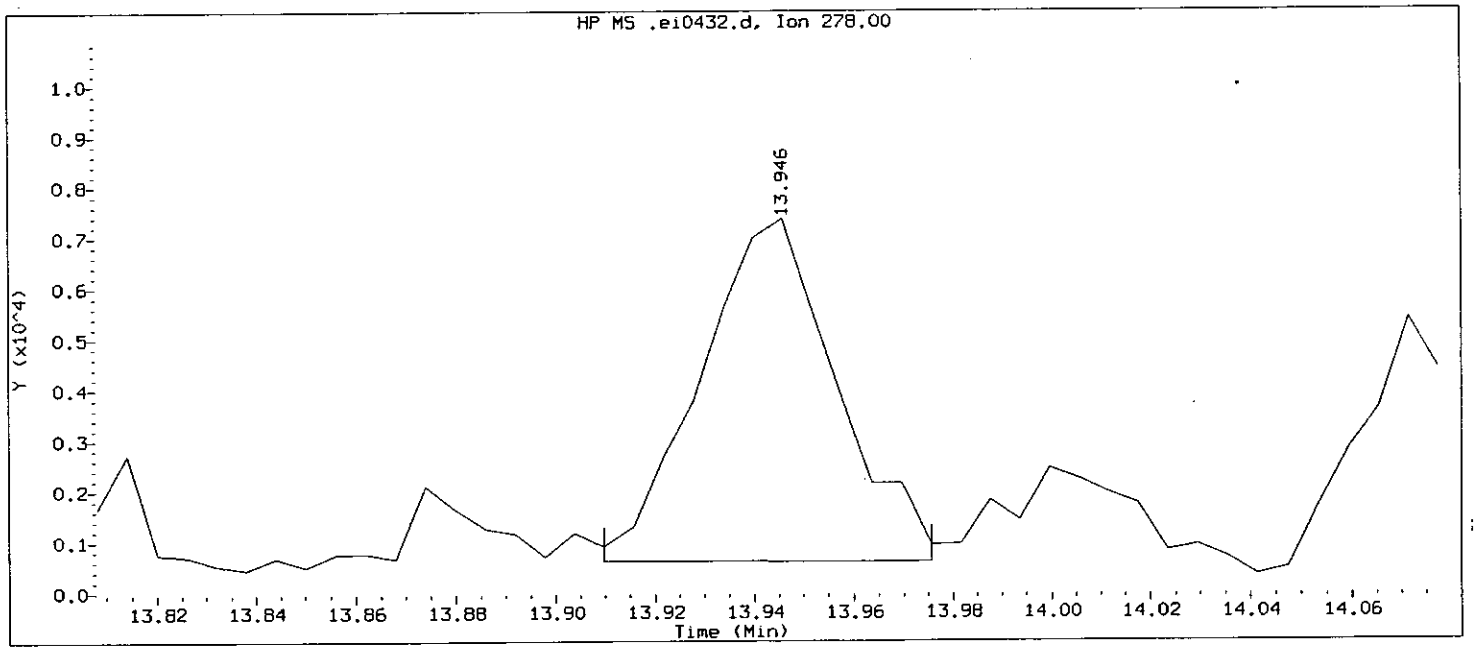
Compound Number	: 181
Compound Name	: Dibenz(a,h)anthracene
Scan Number	: 1992
Retention Time (minutes)	: 13.946
Quant Ion	: 278.0
Area (flag)	: 11618 M
Concentration (ng/ul)	: 1.3279

ASX05 0112

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

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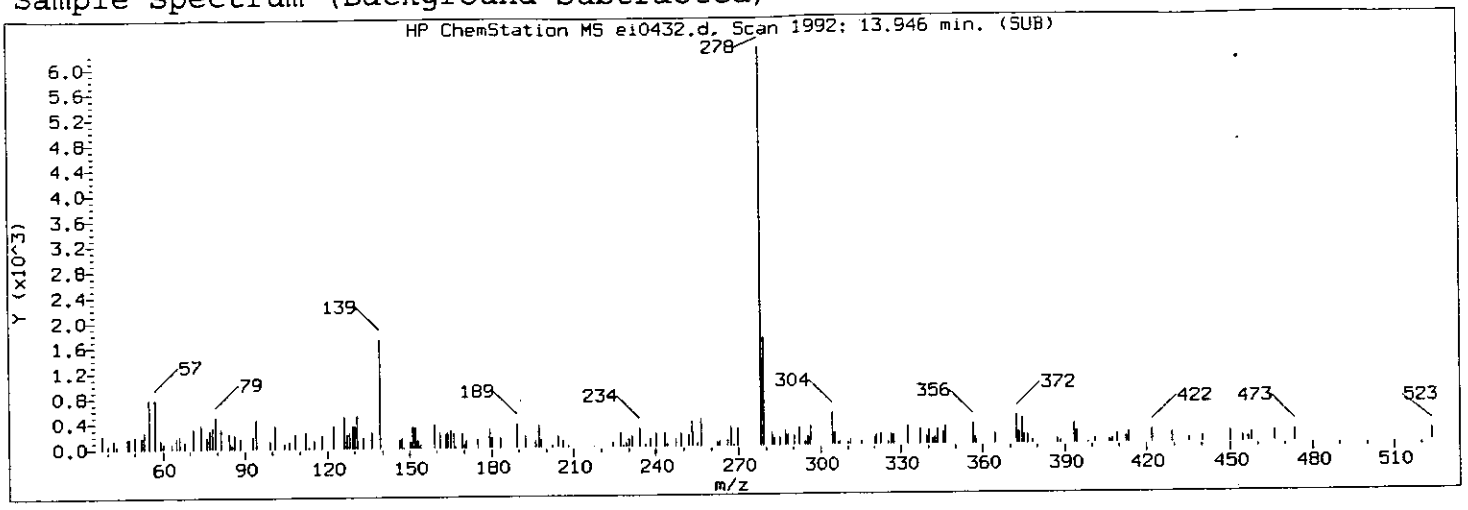
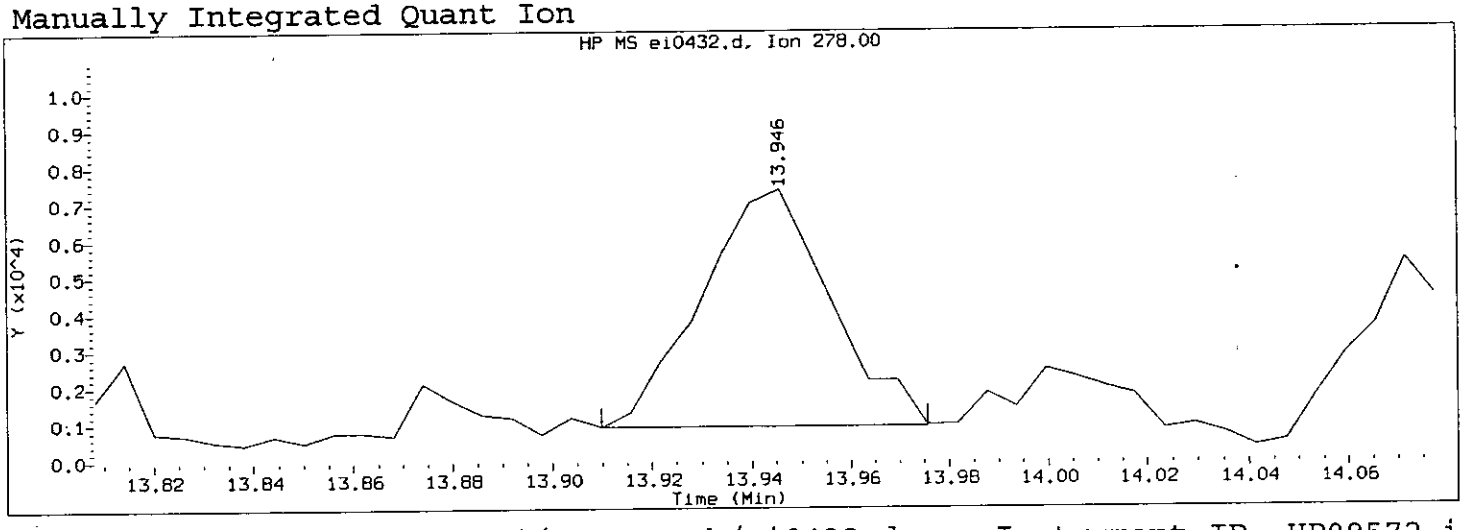
ASX05 0113

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

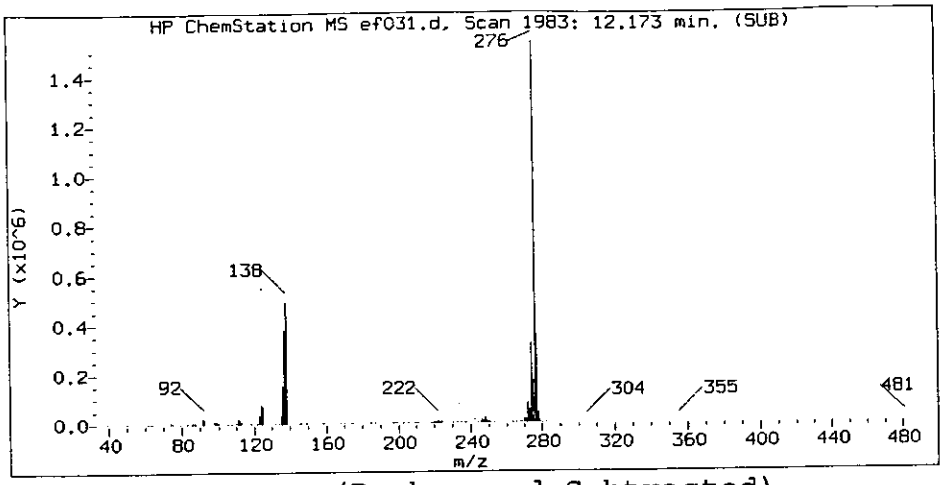
Reason for manual integration (circle one): missed peak improper integration

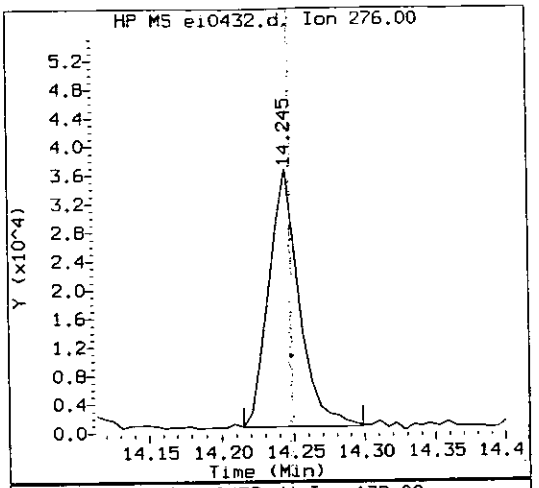
Analyst responsible for change: lmh195 09/09/08

GC/MS audit/management approval: 6/10/08

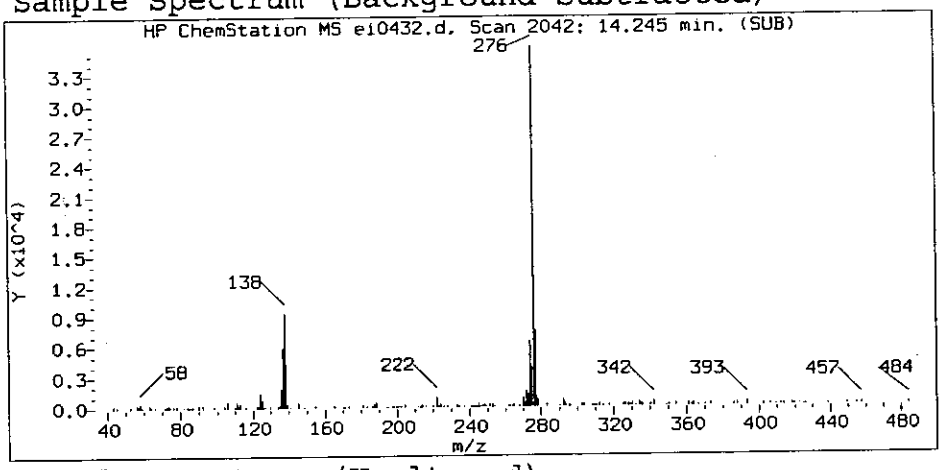
Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0432.d, generated on 09/09/2008 at 20:22

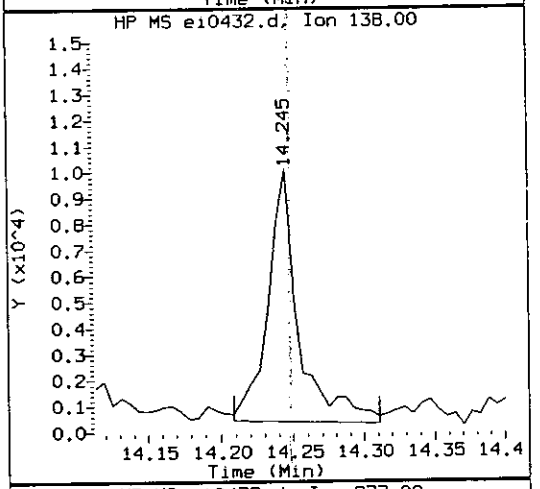
Reference Standard Spectrum for Benzo(g,h,i)perylene



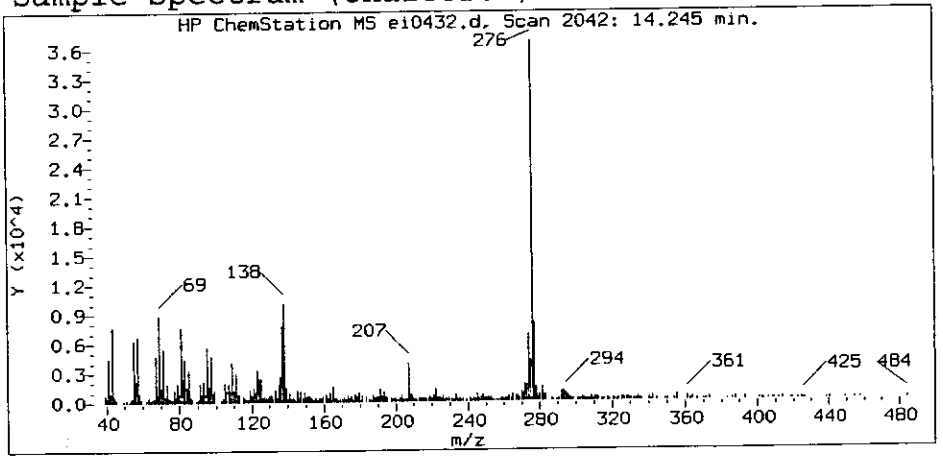


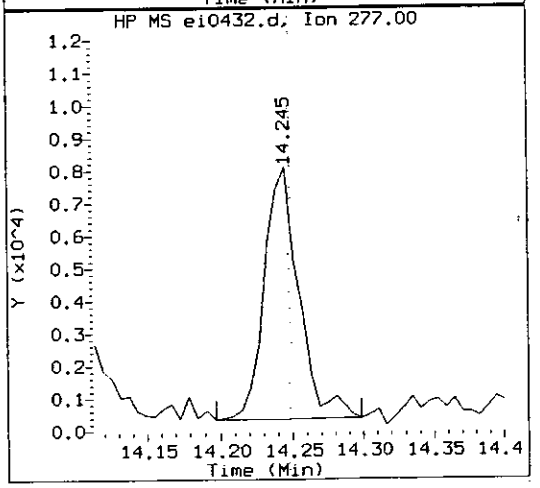
Sample Spectrum (Background Subtracted)





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

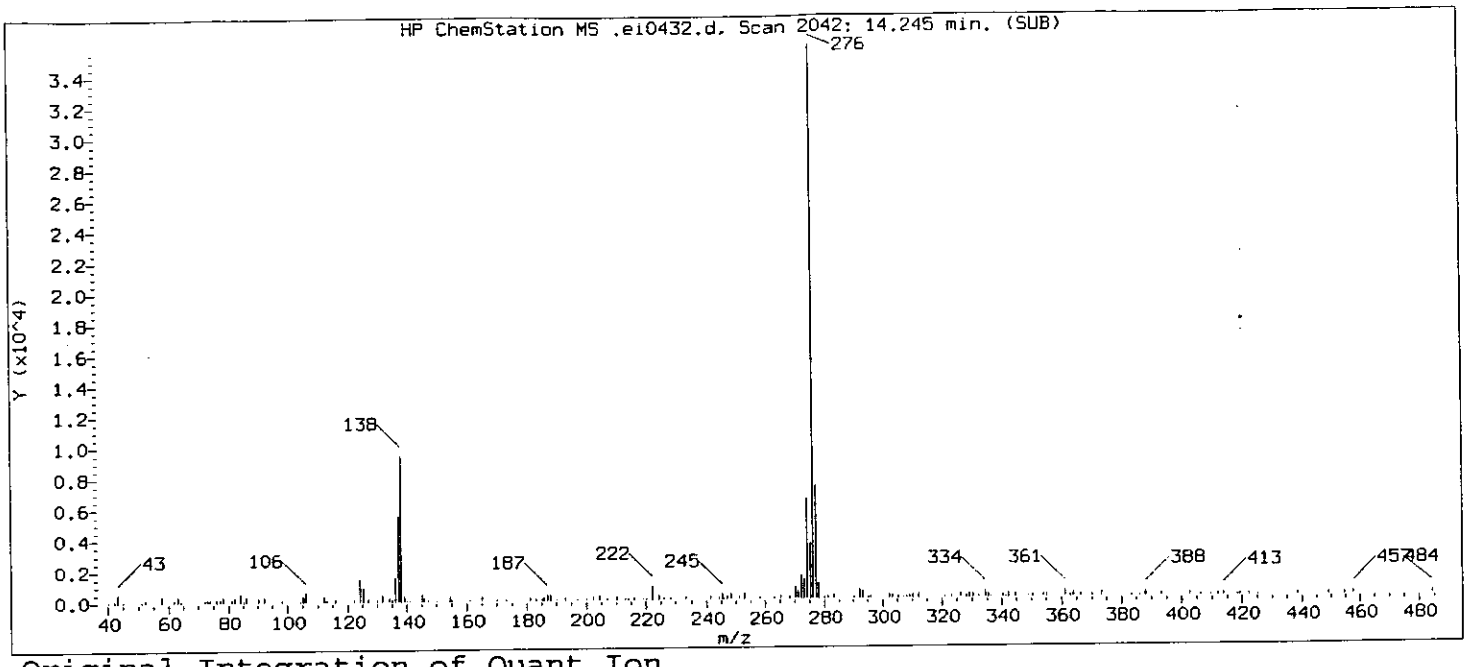
Sample Name: AMS33

Lab Sample ID: 5454445

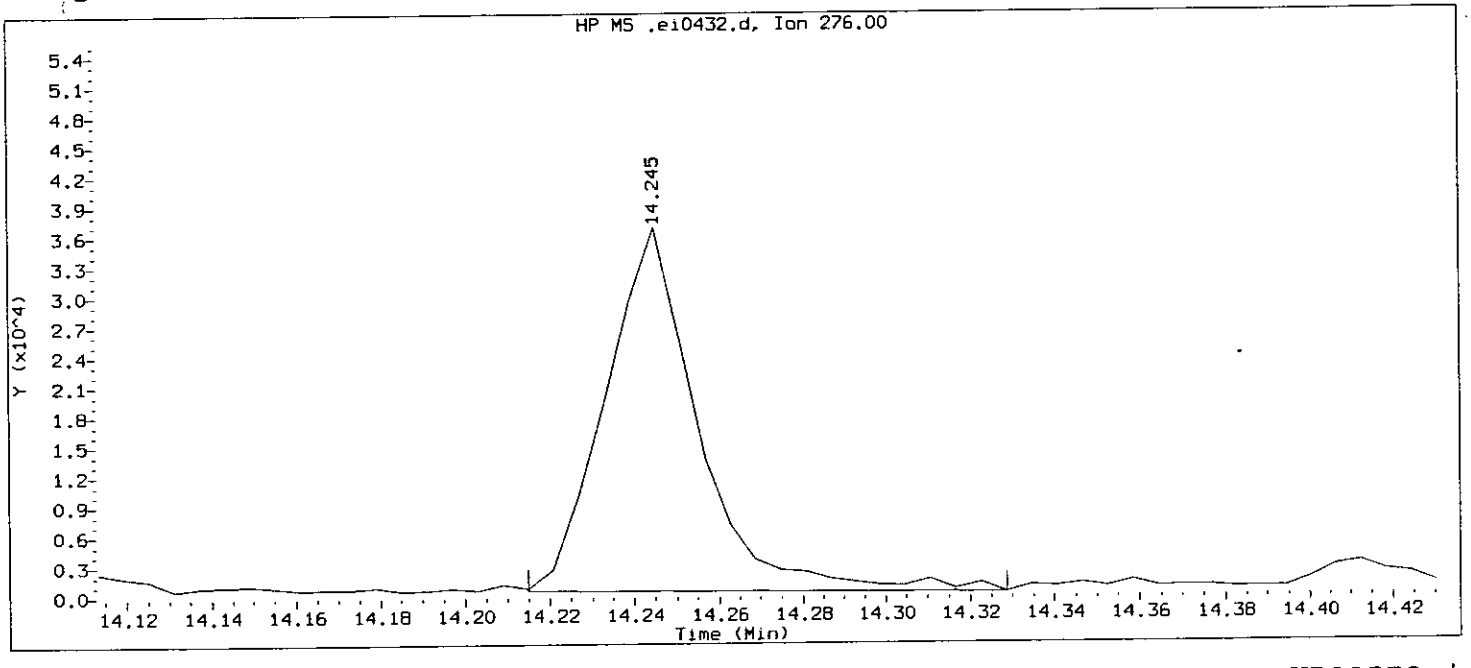
Compound Number	: 182
Compound Name	: Benzo(g,h,i)perylene
Scan Number	: 2042
Retention Time (minutes)	: 14.245
Quant Ion	: 276.0
Area (flag)	: 52401 M
Concentration (ng/ul)	: 5.5285

ASX05 0115

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

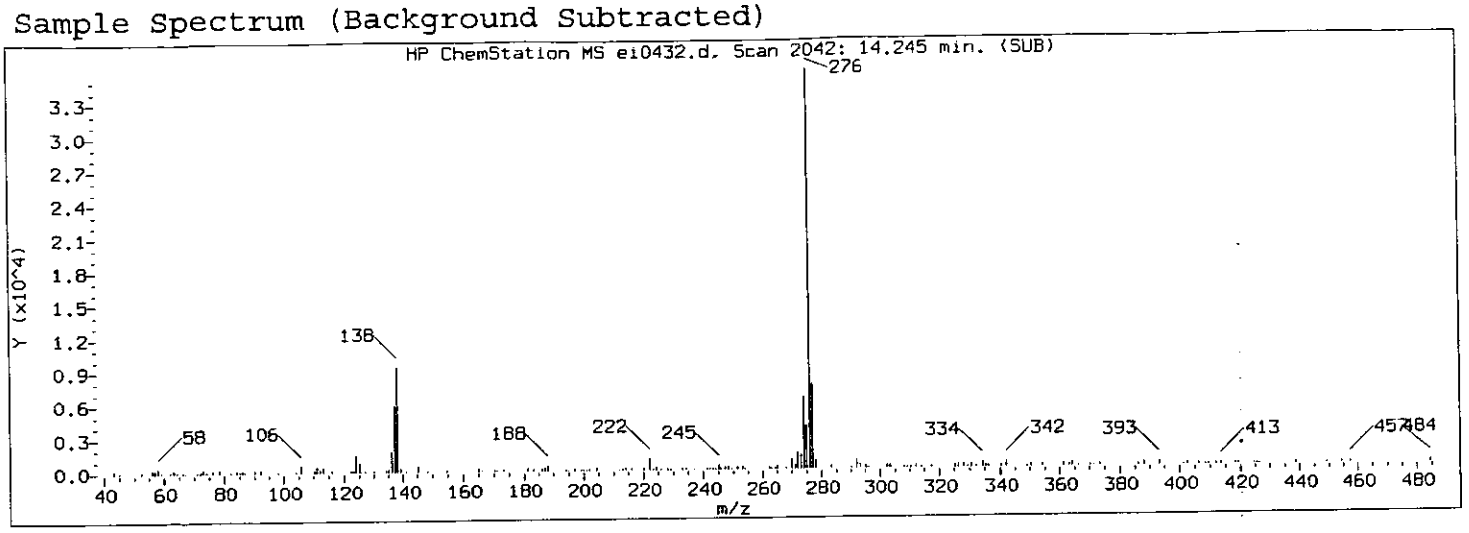
Method used: /chem/HP09572.i/08sep09.b/mseven.m Sublist used: all1
Calibration date and time: 09-SEP-2008 16:48
Date, time and analyst ID of latest file update: 09-Sep-2008 18:16 Automation

Sample Name: AMS33 Lab Sample ID: 5454445

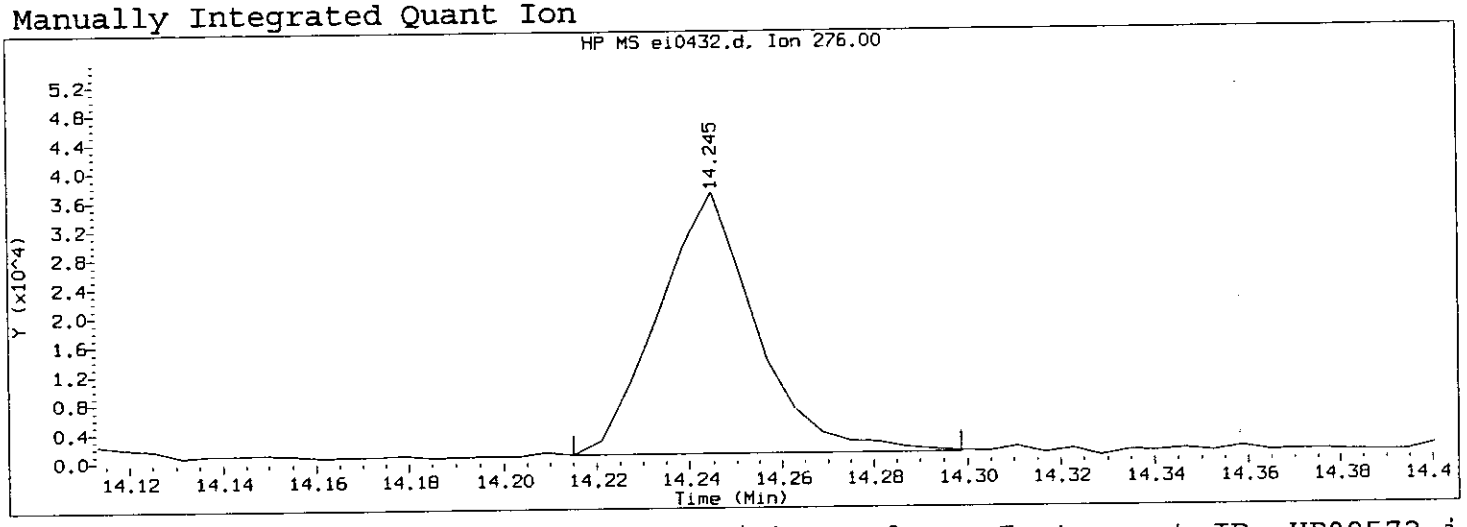
Compound Number : 182
Compound Name : Benzo(g,h,i)perylene
Scan Number : 2042
Retention Time (minutes): 14.245
Quant Ion : 276
Area : 55363
Concentration (ng/ul) : 5.8410
Integration start scan : 2036 Integration stop scan: 2055
Y at integration start : 530 Y at integration end: 208

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: lmh1956 09/09/08

9/10/08

ASX06 0117

GC/MS audit/management approval: _____

Standards Data

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.

ASX05 0119

FORM VI SV-1

MM195 09/09/08

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

ASX85 2129

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.

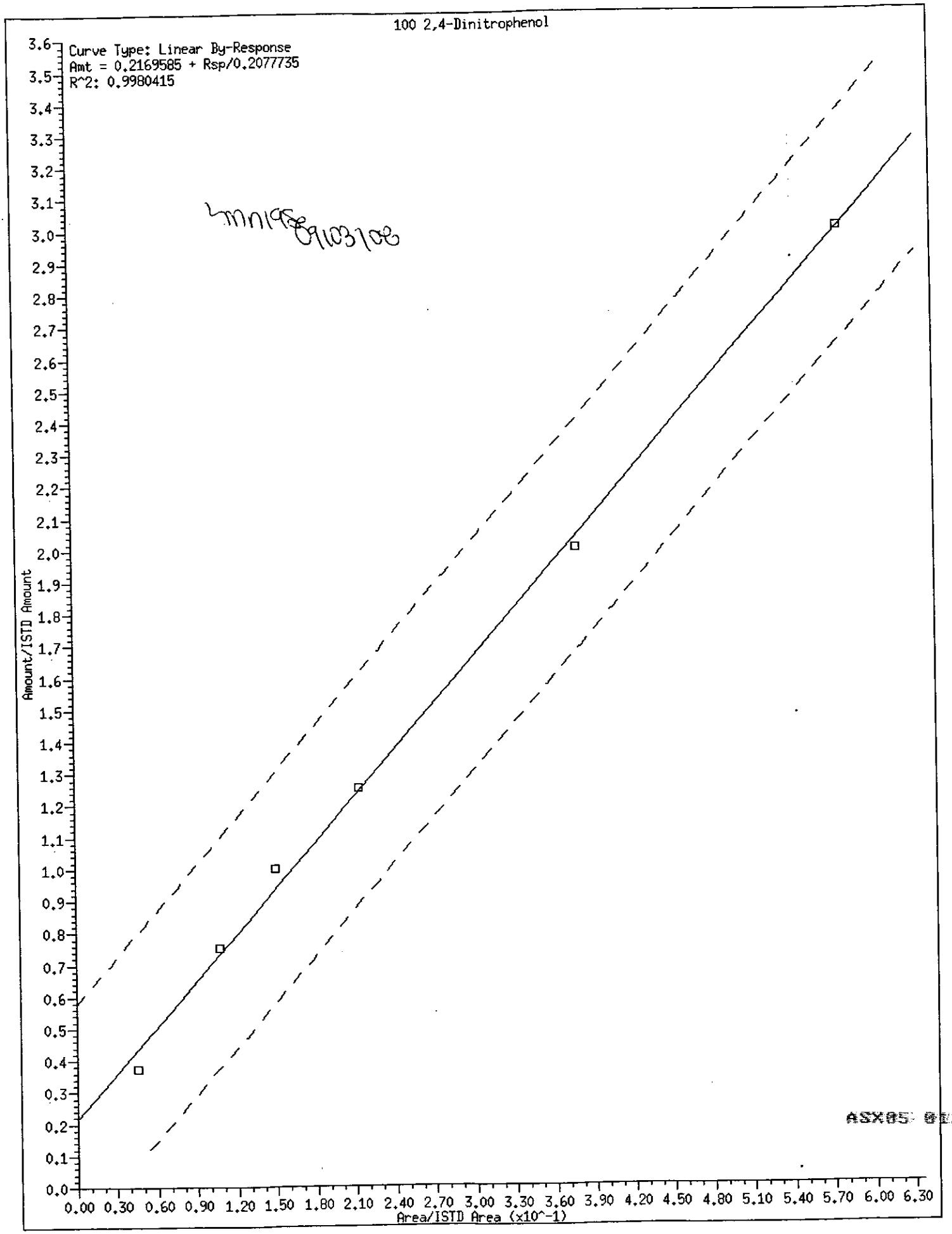
RT Summary

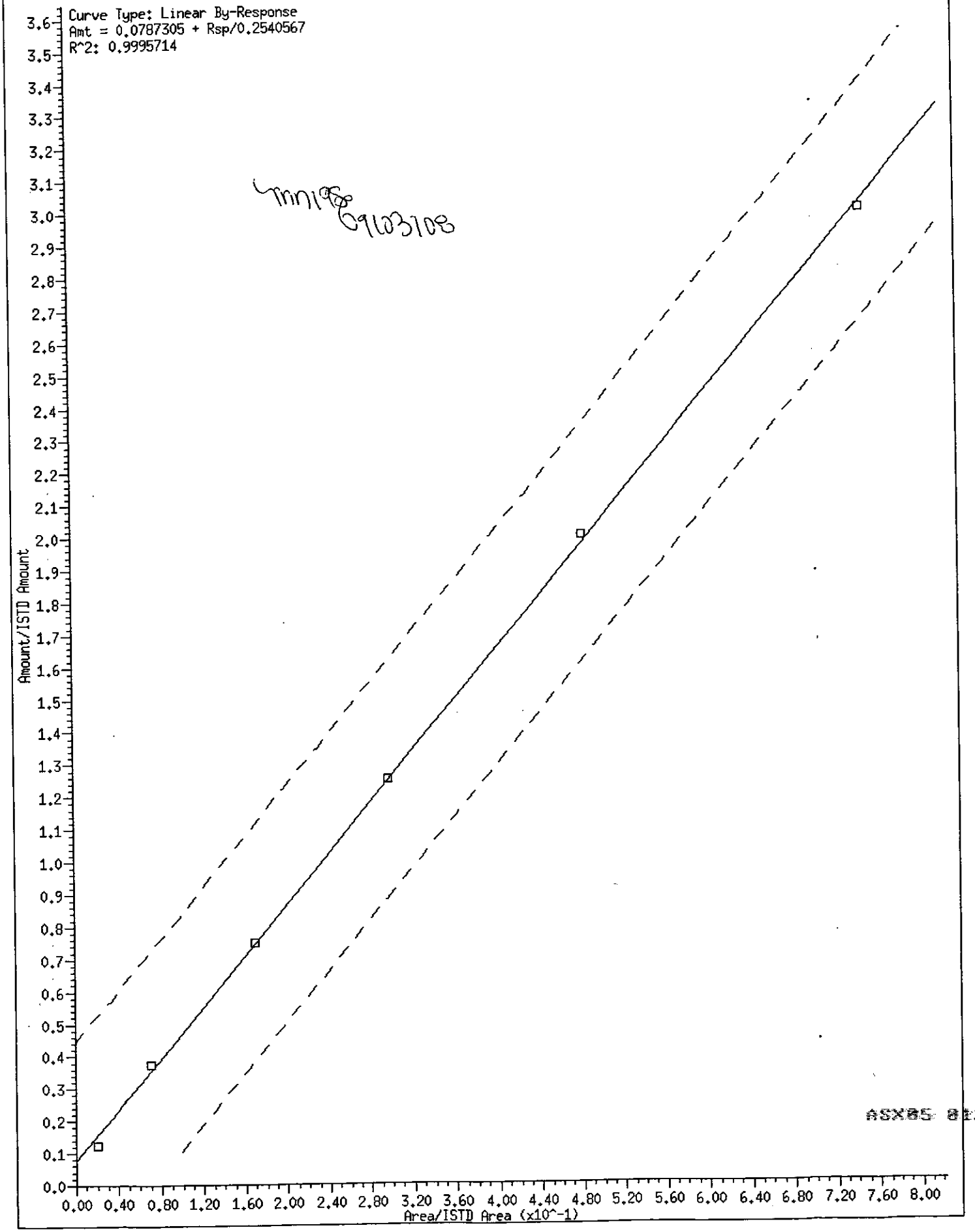
Internal Standard Name	File ID: ei0102.d	ei0103.d	ei0104.d	ei0105.d	ei0106.d	ei0107.d	ei0108.d	Avg. RT
1,4-Dichlorobenzene-d4	5.121	5.121	5.121	5.121	5.121	5.120	5.121	5.121
Naphthalene-d8	6.209	6.210	6.215	6.215	6.215	6.215	6.215	6.214
Acenaphthene-d10	7.675	7.675	7.675	7.681	7.681	7.681	7.681	7.678
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

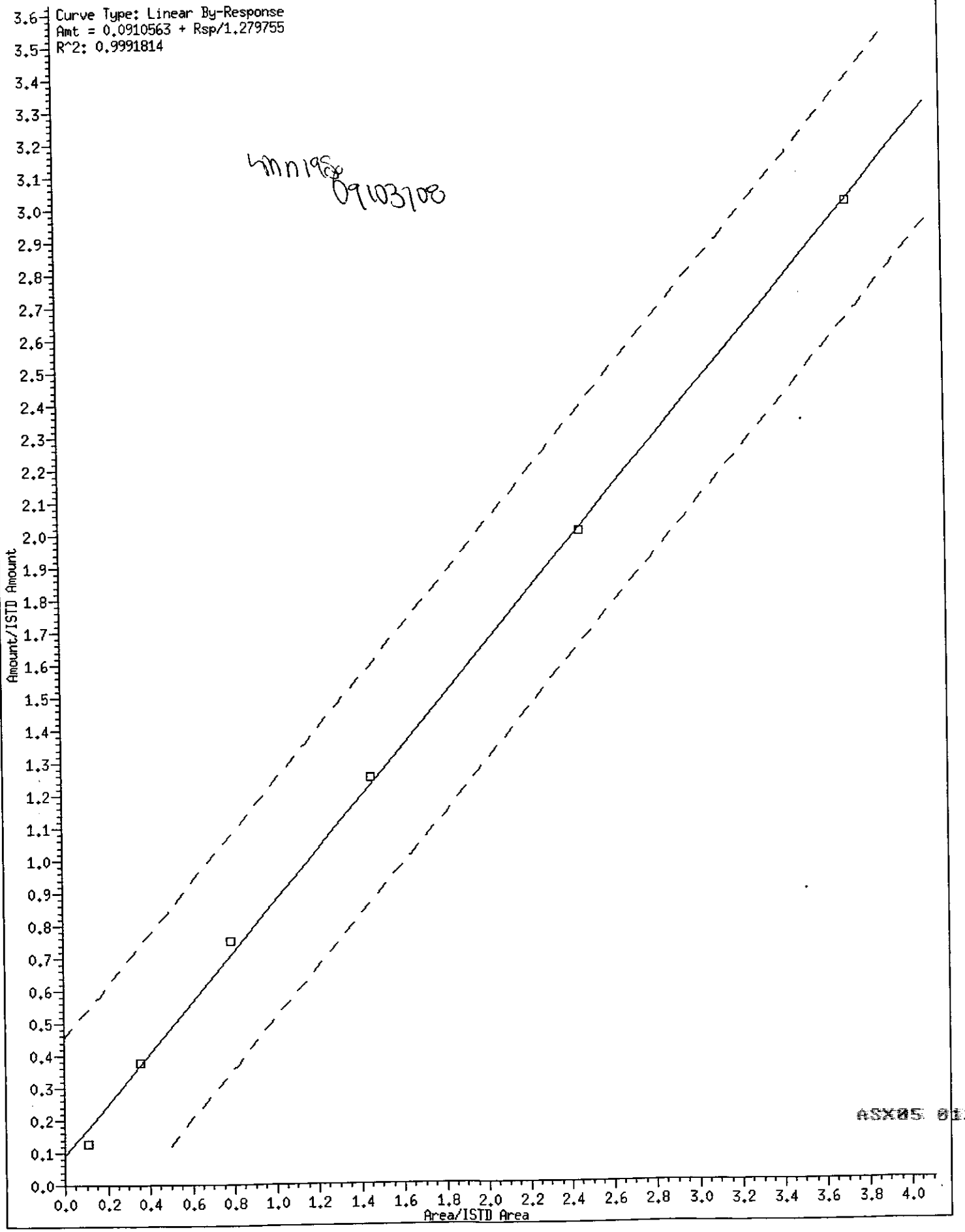
Comments: mm19 09/03/08

Report generated on 09/03/2008 at 23:34

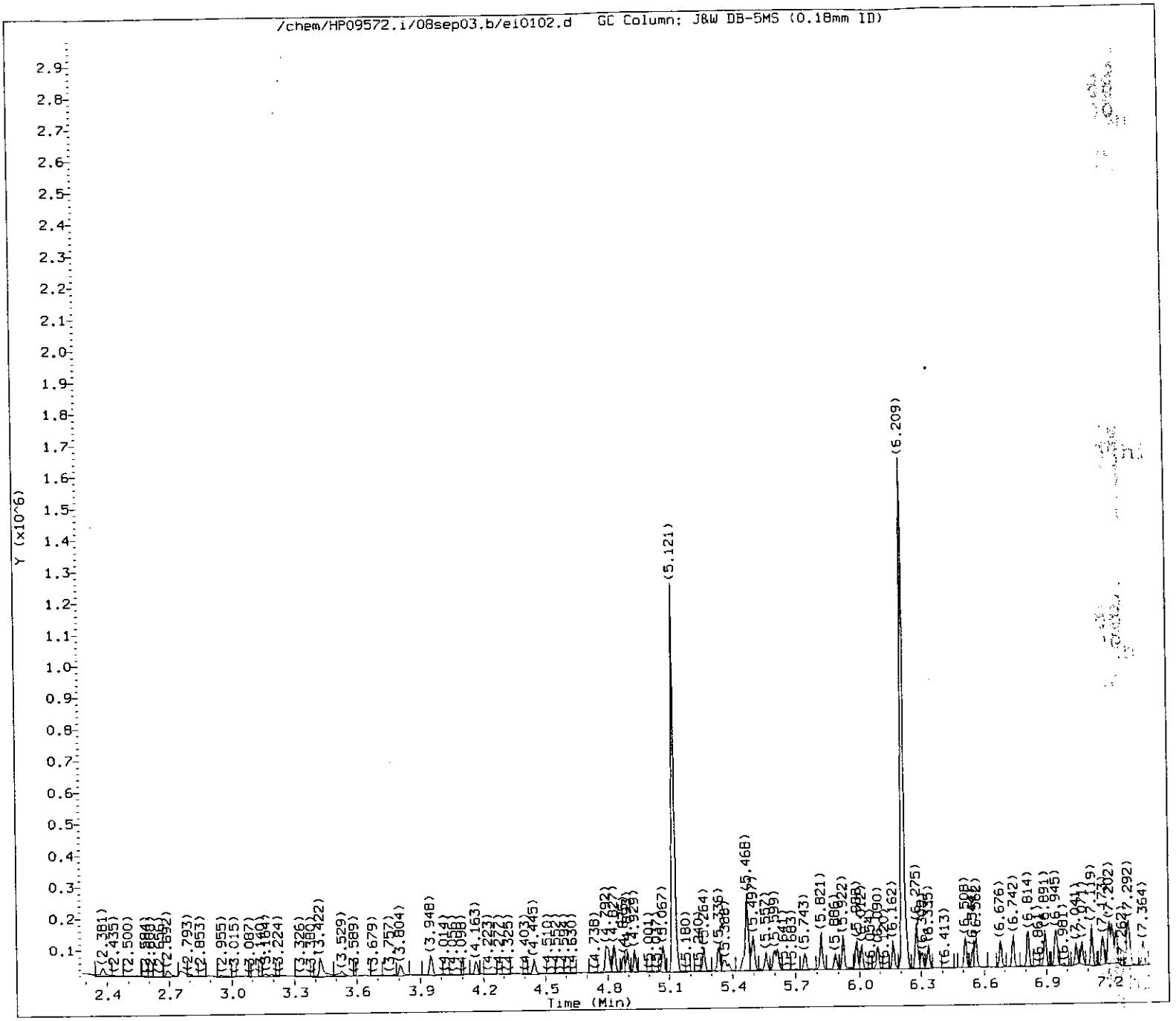
ASX05 0121


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)
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40 5.70 6.00 6.30
ASX85 0122


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)
ASX85 8123


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

ASX05 0124



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

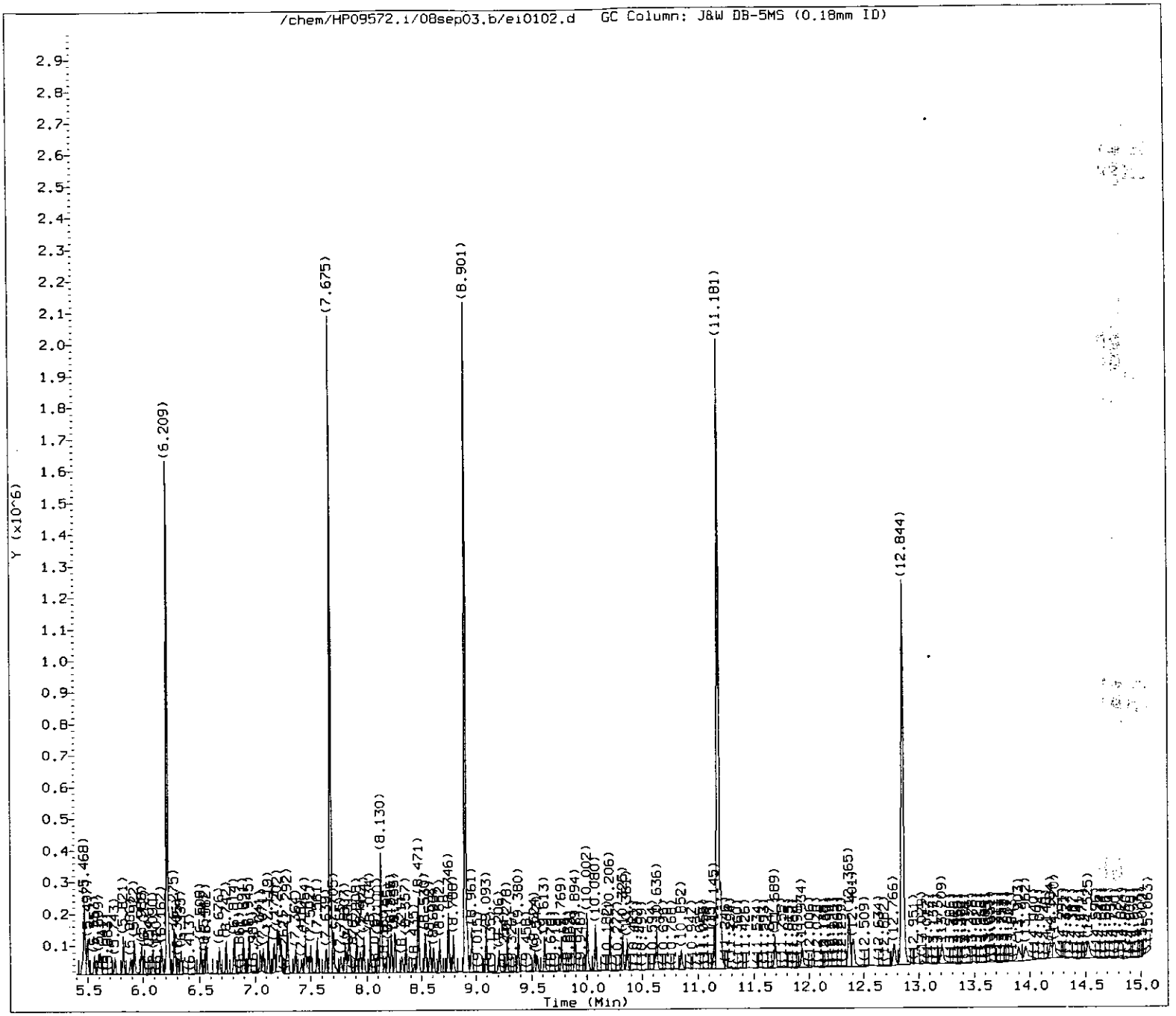
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5

Lab Sample ID: STD2388

ASX05 0125

lmh196 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
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

ASX85 0126

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

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

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

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

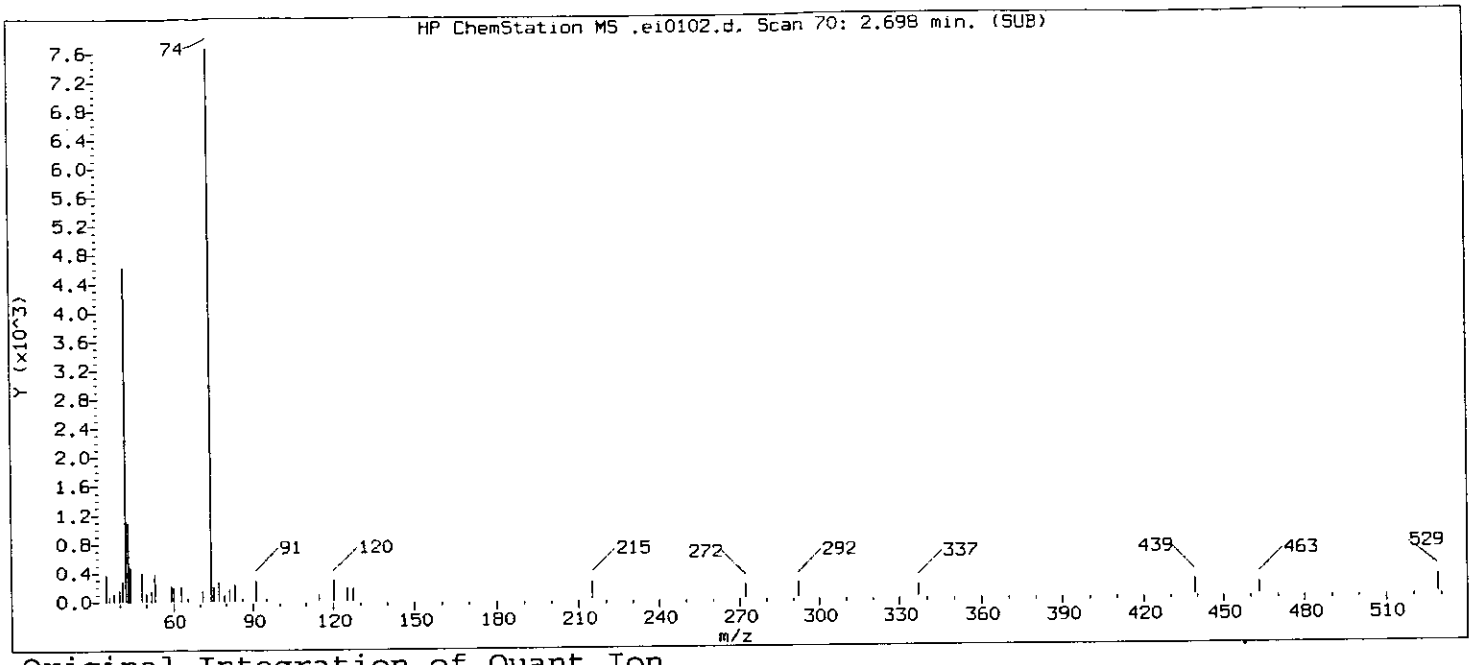
Lab Sample ID: STD2388

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

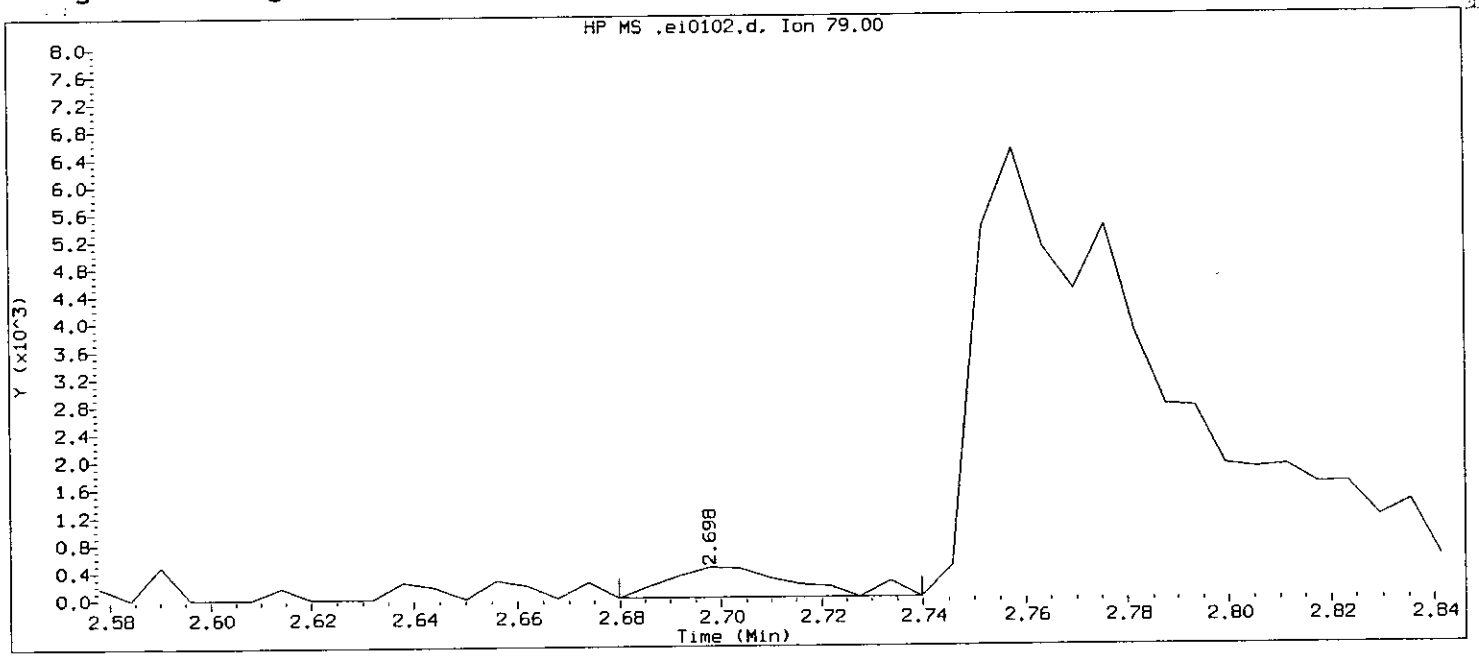
M = Compound was manually integrated.

A = User selected an alternate hit

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

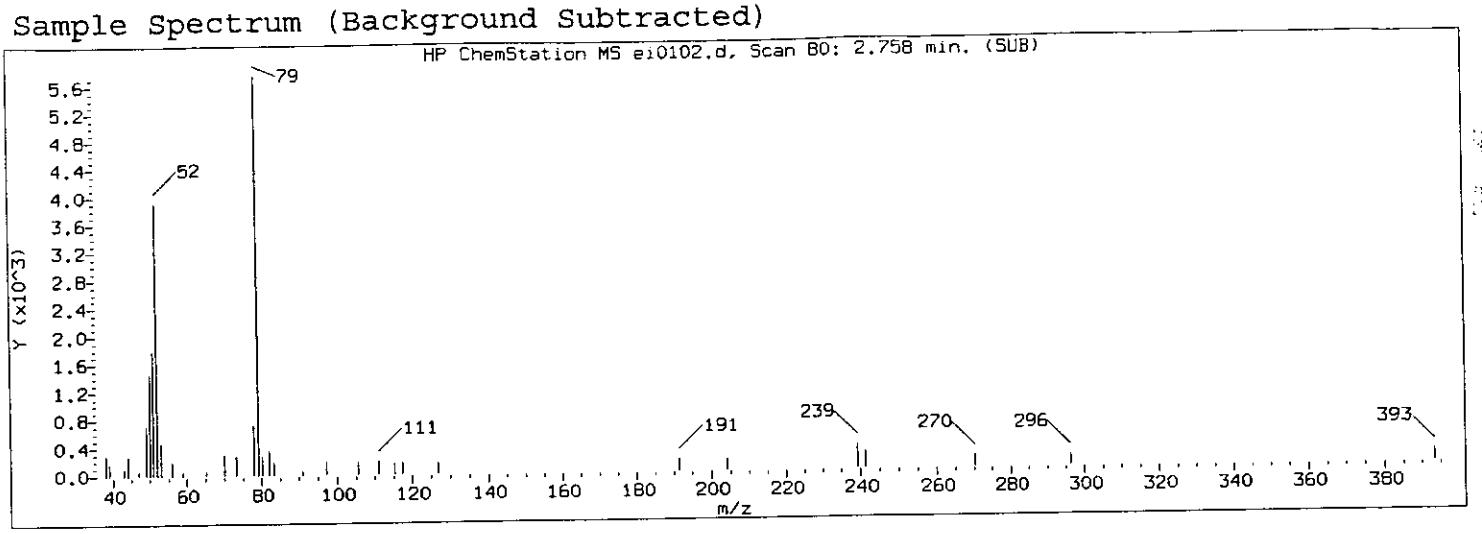
Compound Number	: 3
Compound Name	: Pyridine
Scan Number	: 70
Retention Time (minutes)	: 2.698
Quant Ion	: 79
Area	: 783
Concentration (ng/ul)	: 50.0000
Integration start scan	: 66
Integration stop scan	: 76
Y at integration start	: 0
Y at integration end	: 0

LMN198 09/03/08

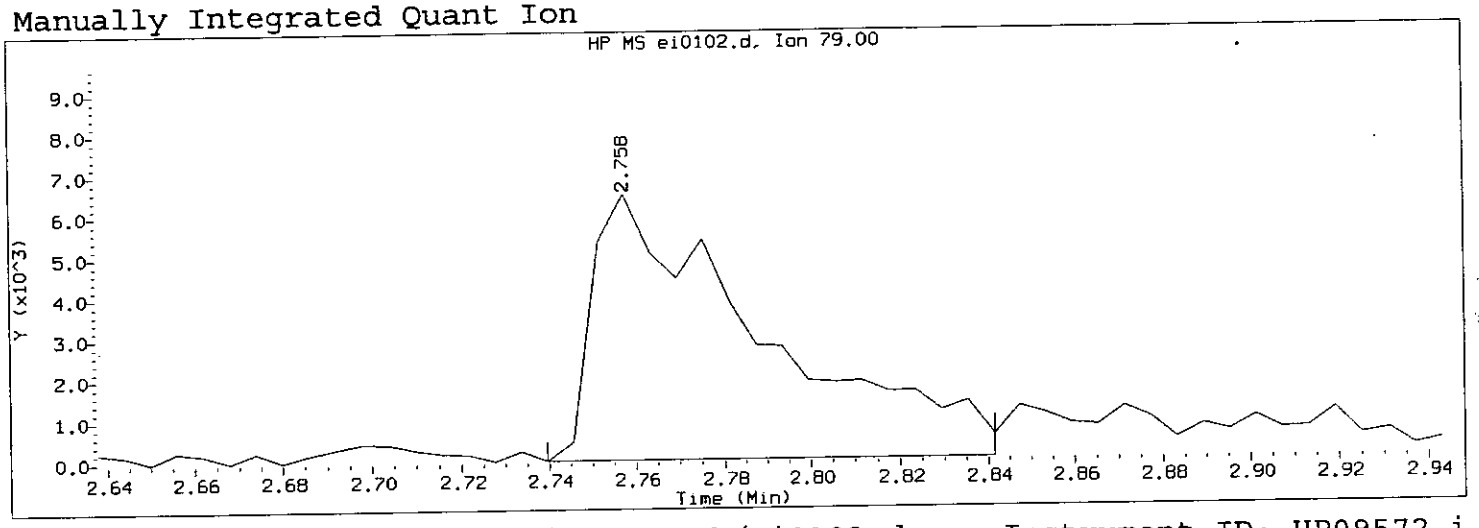
ASX05 #130

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 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 23:28
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

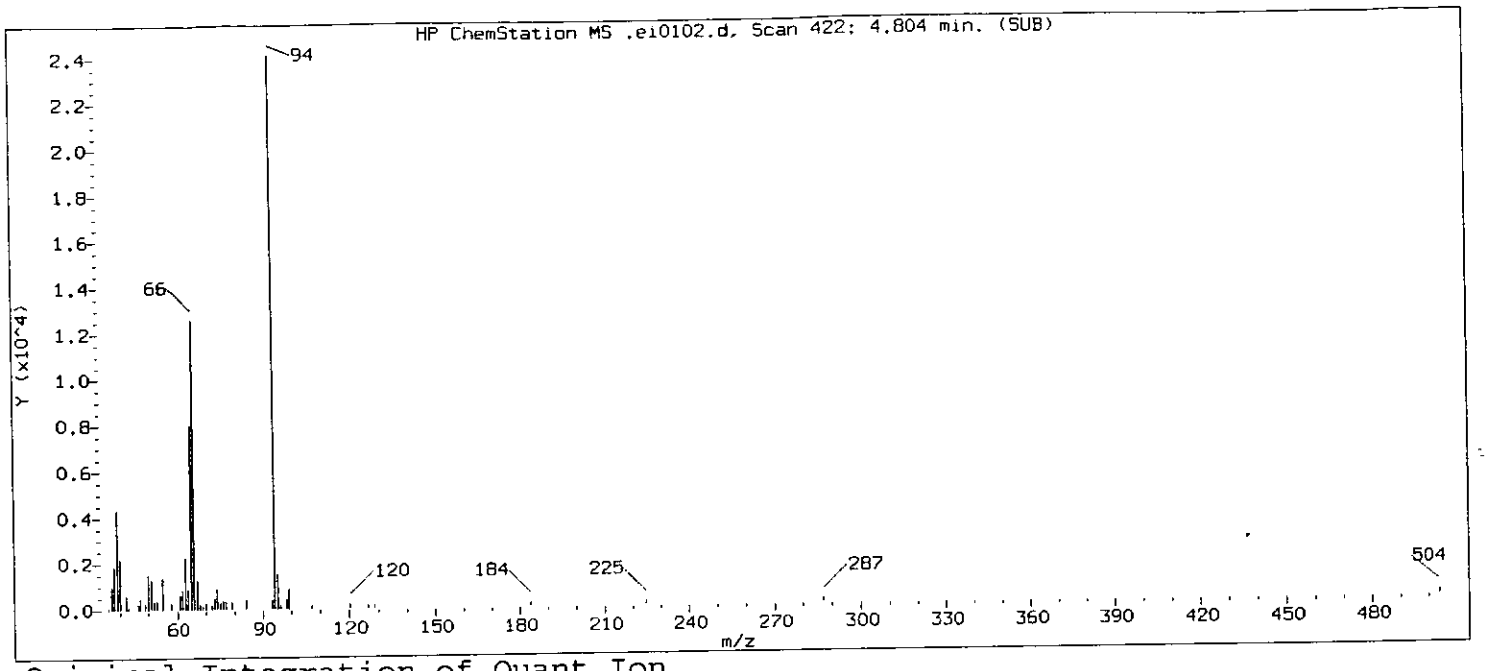
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/03/08

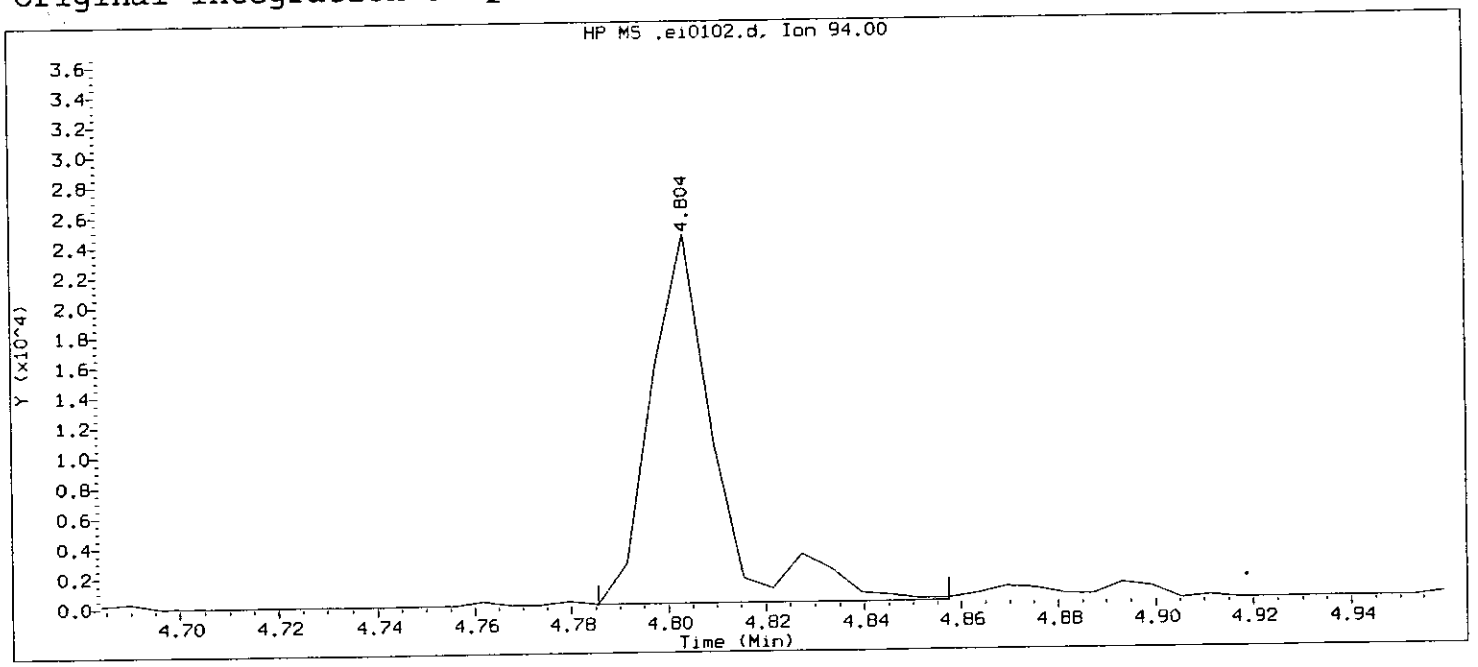
GC/MS audit/management approval: BBM 9/5/08

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

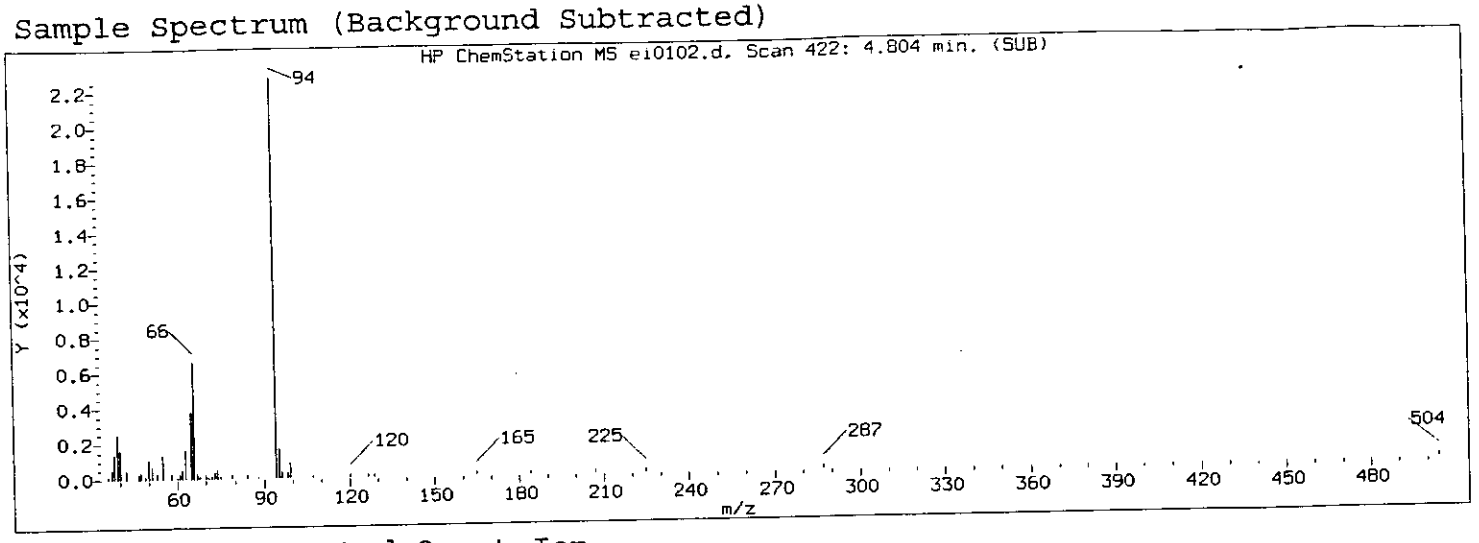
Compound Number : 16
Compound Name : Phenol
Scan Number : 422
Retention Time (minutes): 4.804
Quant Ion : 94
Area : 22515
Concentration (ng/ul) : 50.0000
Integration start scan : 418 Integration stop scan: 430
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

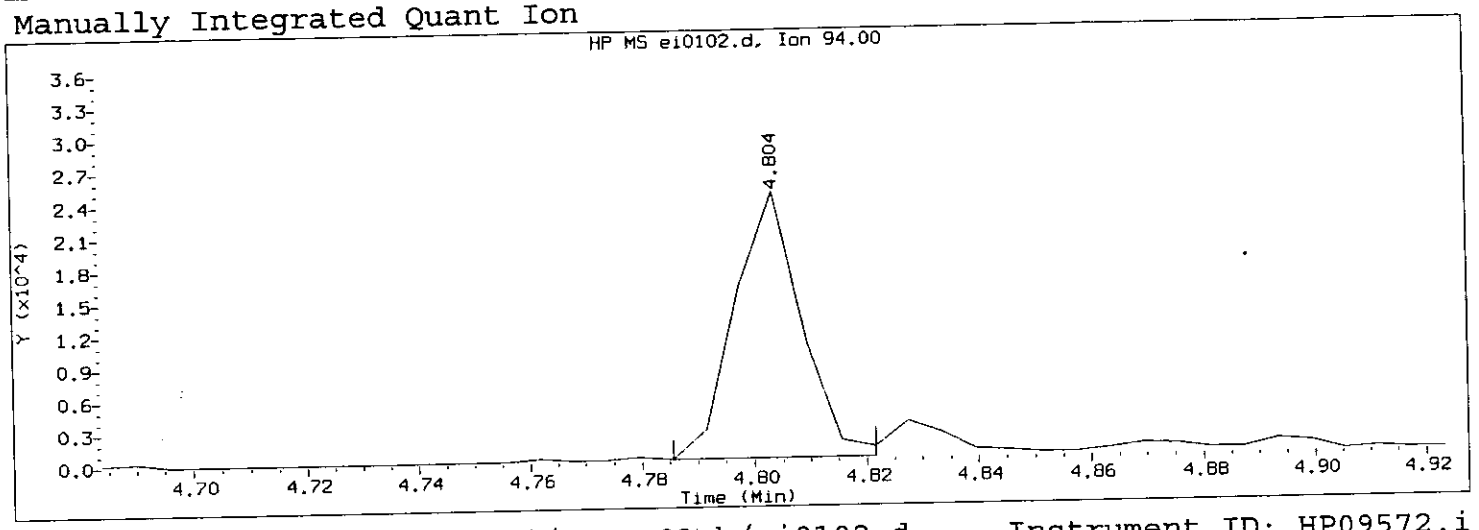
ASX05 0132

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 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 23:28
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 Integration stop scan: 424.
Y at integration start : 0 Y at integration end: 0

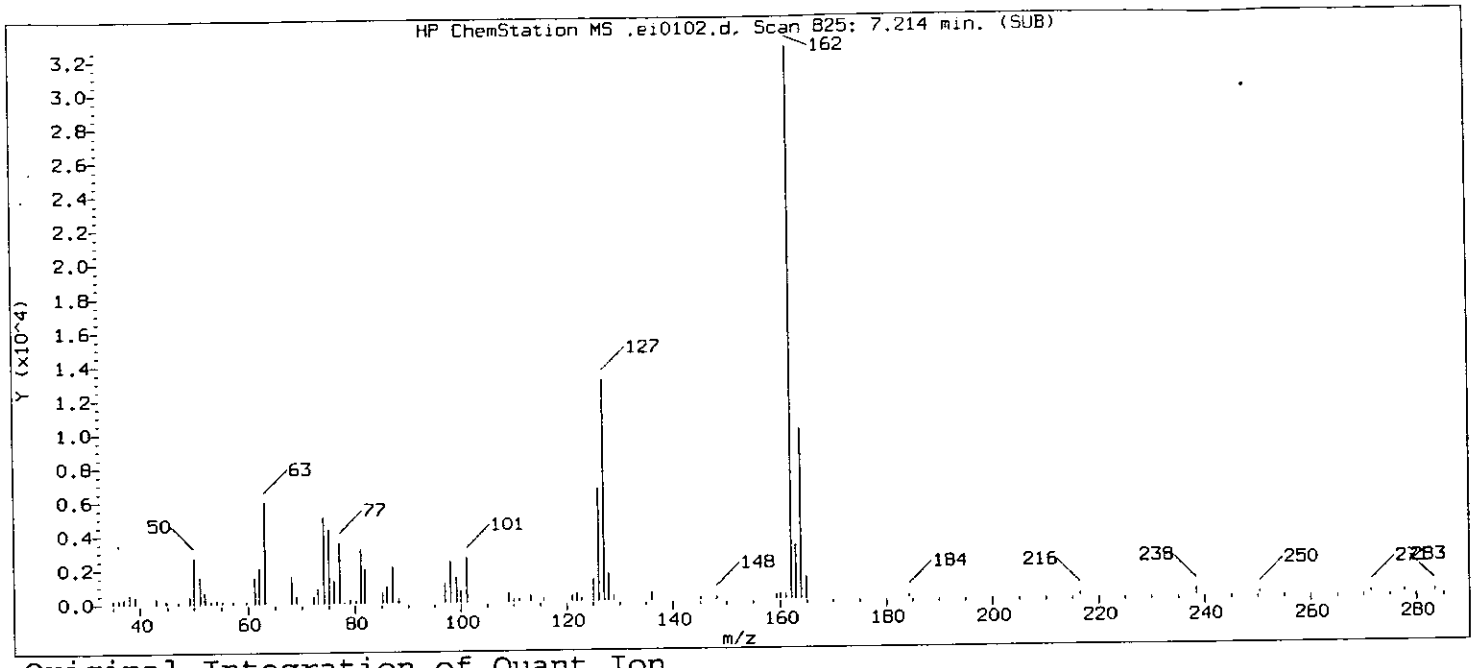
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH 09/03/08

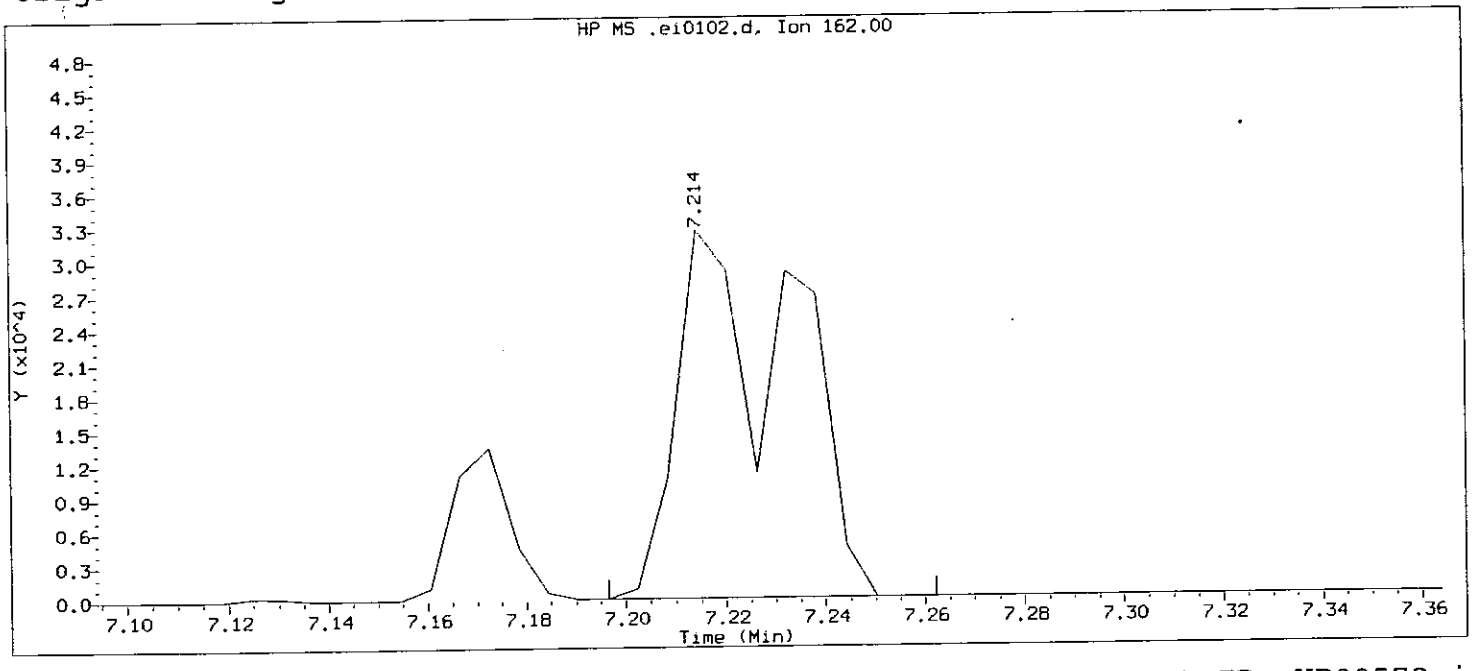
GC/MS audit/management approval: [illegible] 9/5/08

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 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

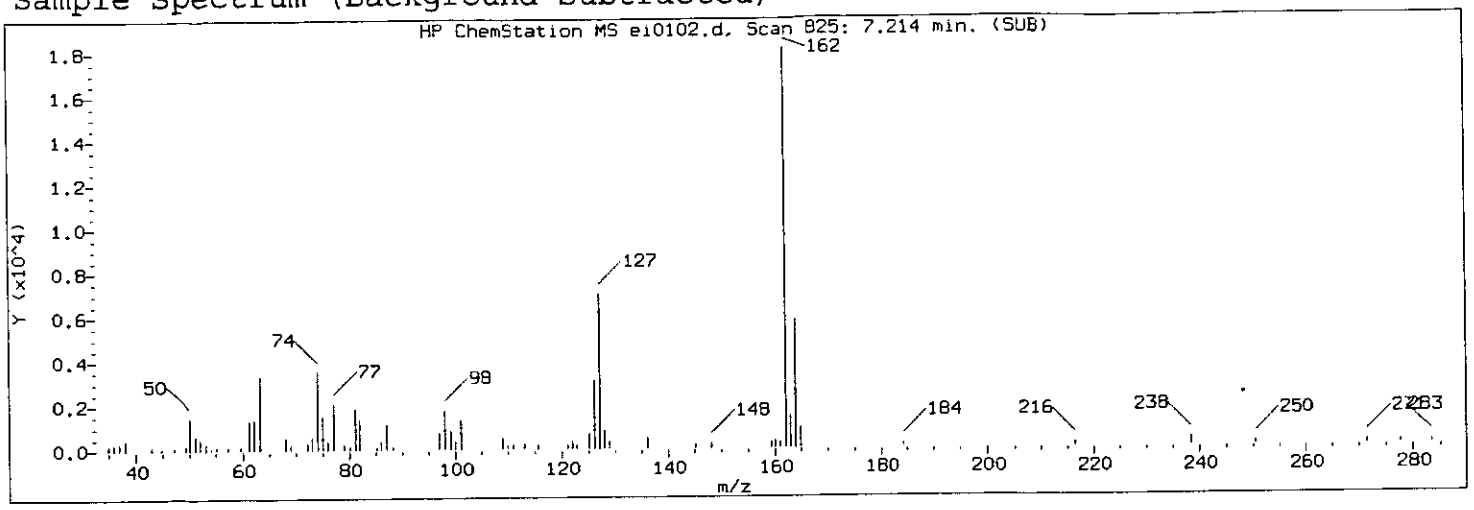
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area : 51938
Concentration (ng/ul) : 50.0000
Integration start scan : 821 Integration stop scan: 832
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

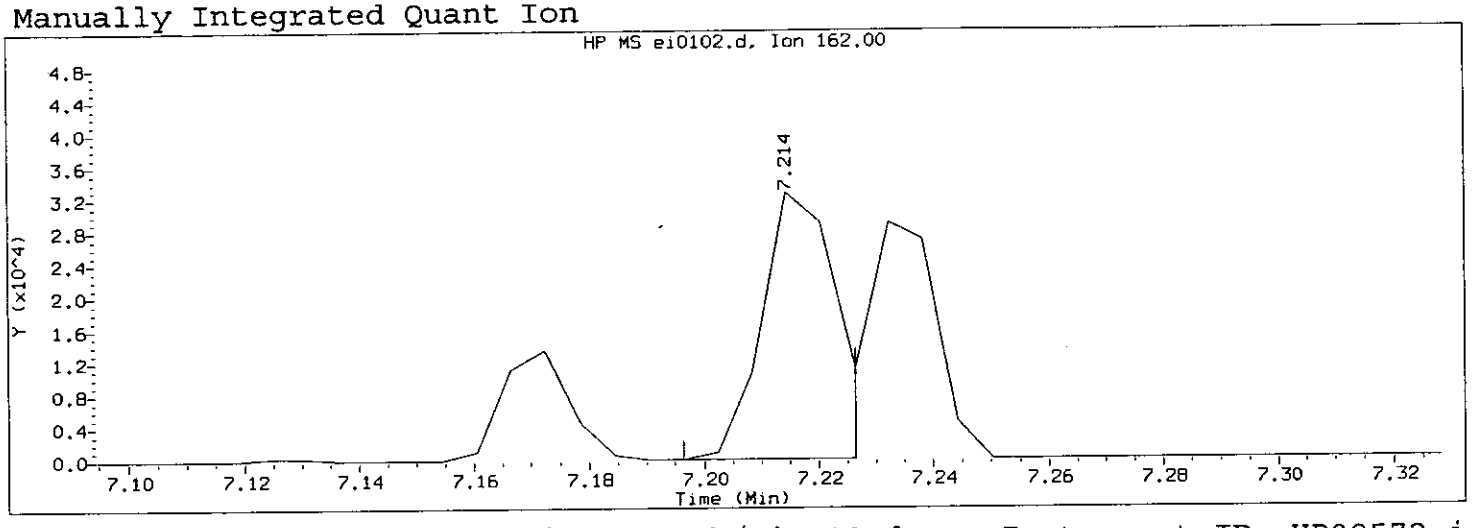
ASX05 0134

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 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 23:28
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 : 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 Integration stop scan: 826
Y at integration start : 0 Y at integration end: 0

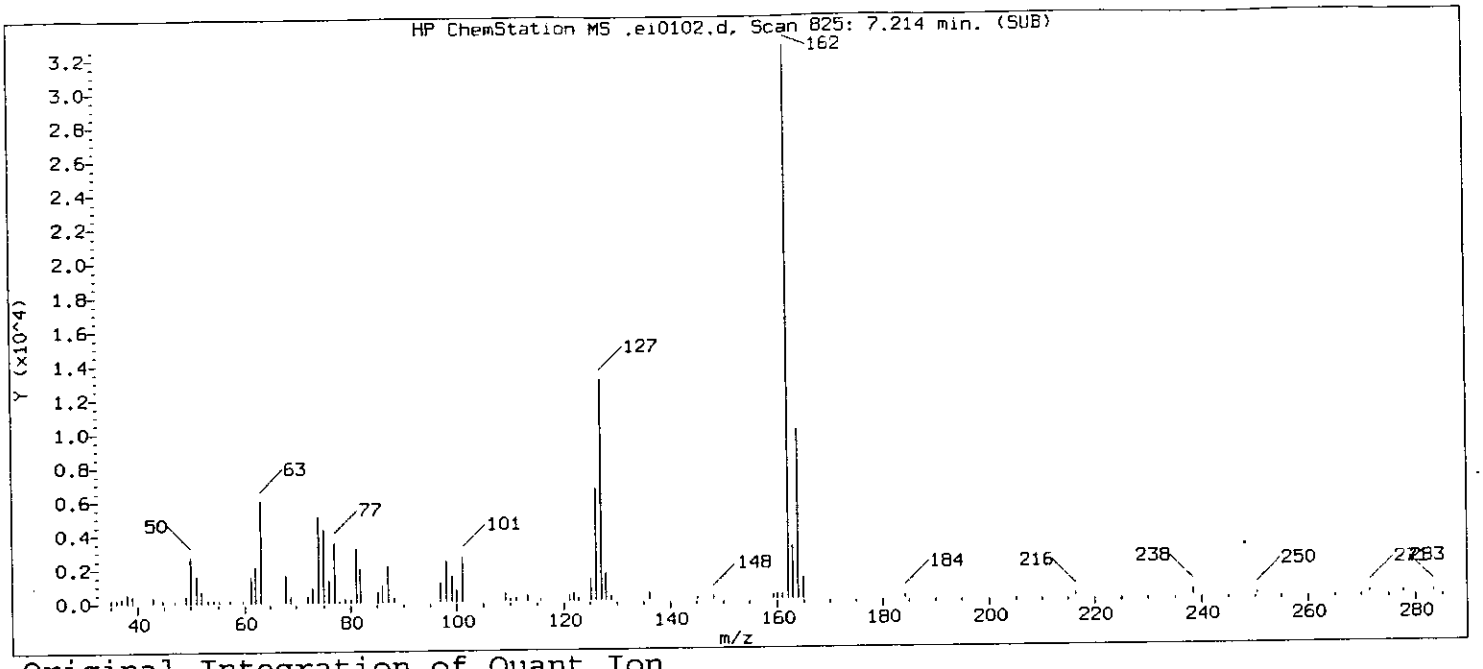
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/03/08

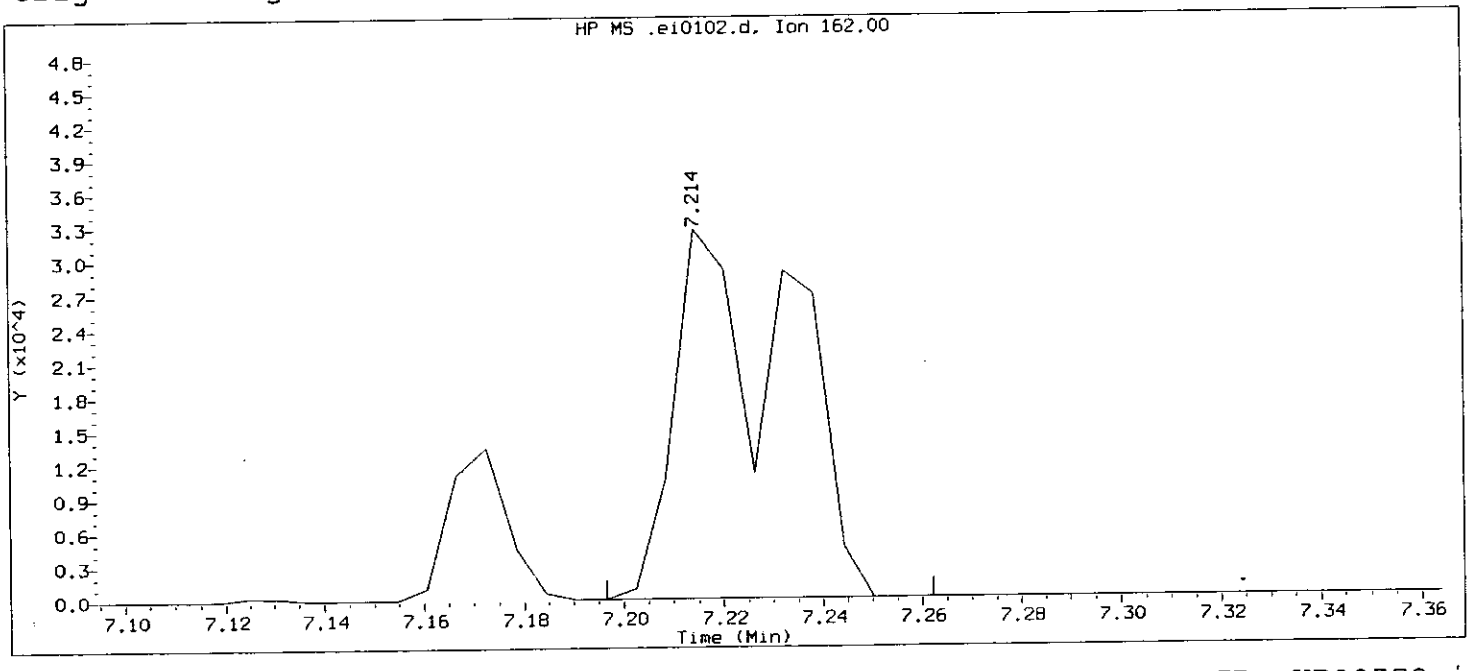
GC/MS audit/management approval: [illegible] 9/5/08

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 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

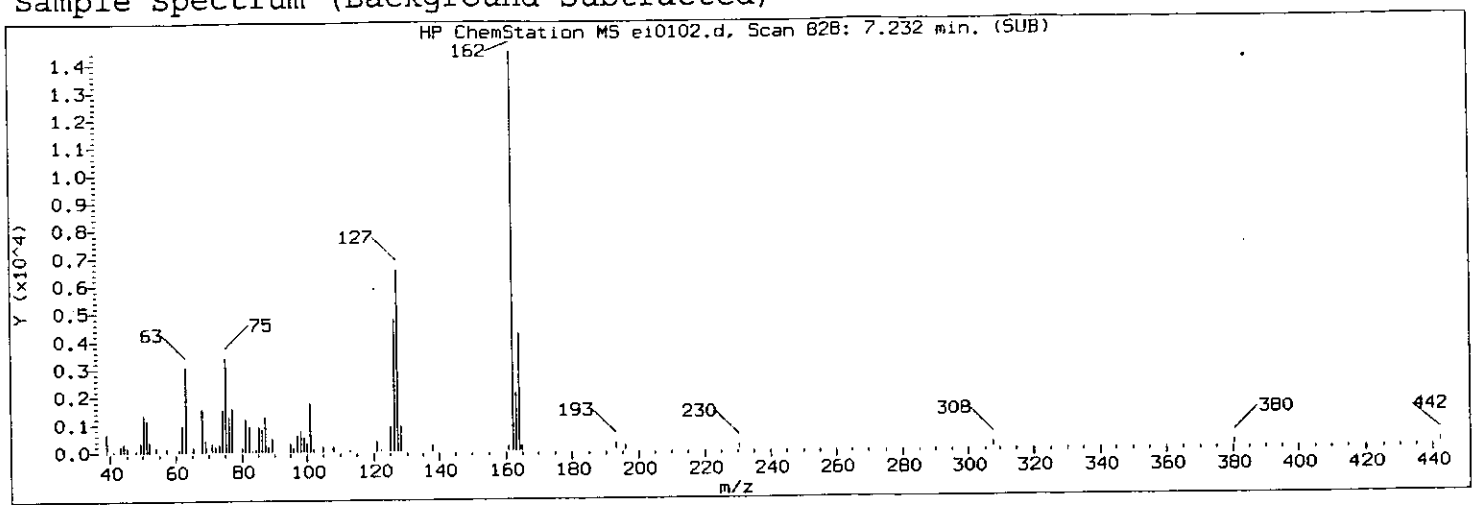
Sample Name: SSTD2.5 Lab Sample ID: STD2388

Compound Number : 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

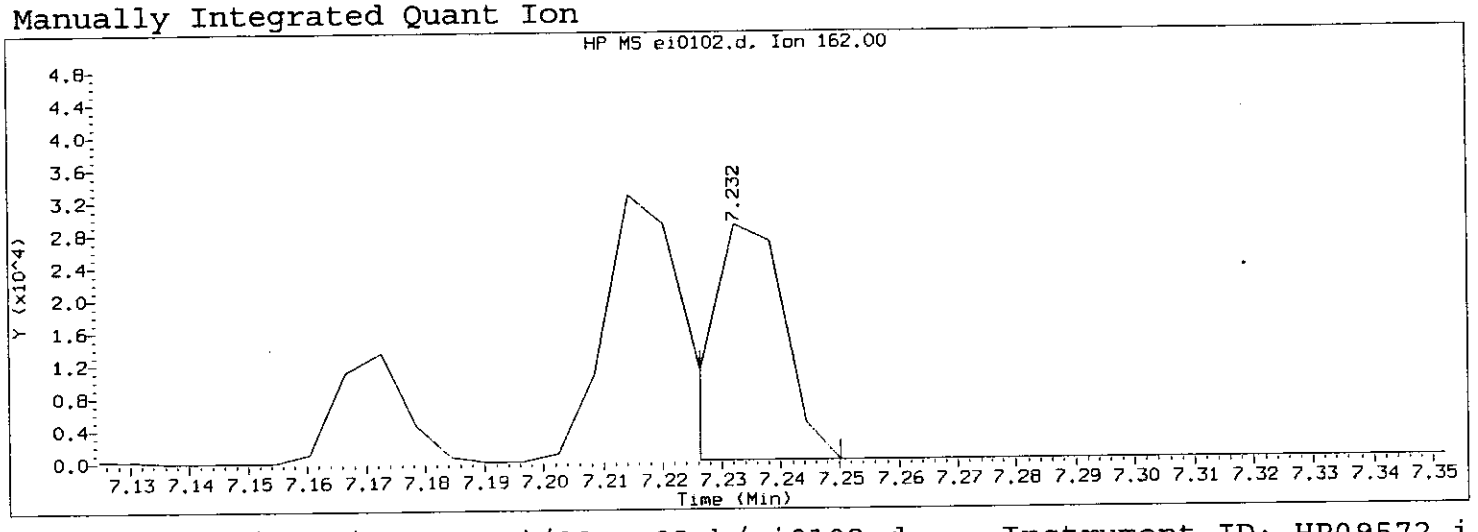
lmh198 09/03/08 ASX85 0136

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 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 23:28
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD2.5 Lab Sample ID: STD2388

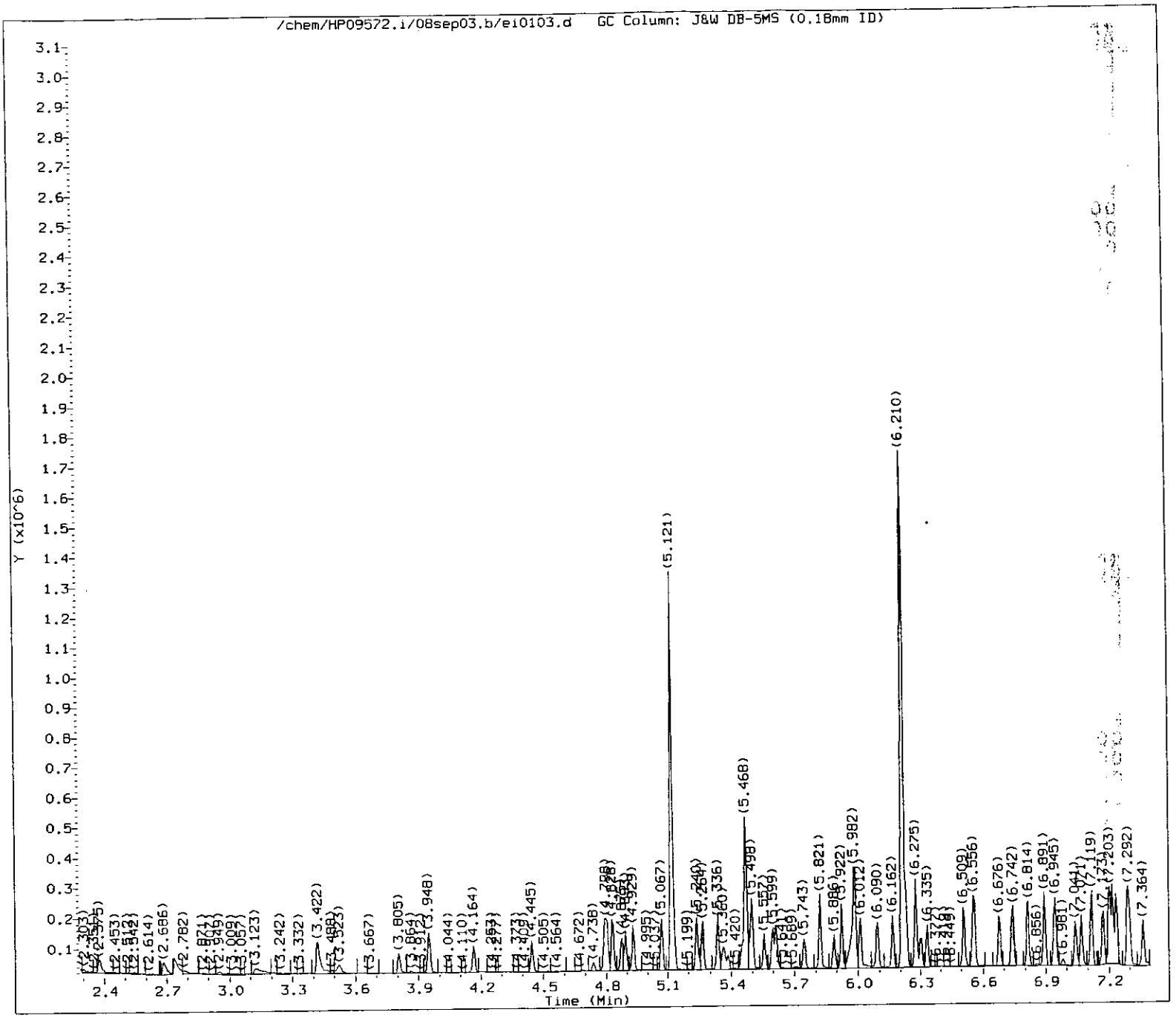
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 828
Retention Time (minutes): 7.232
Quant Ion : 162
Area (flag) : 25729 M
Concentration (ng/ul) : 0.0000
Integration start scan : 826 Integration stop scan: 830
Y at integration start : -22 Y at integration end: -22

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

Analyst responsible for change: mn 09/03/08

GC/MS audit/management approval: [illegible] 0137

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

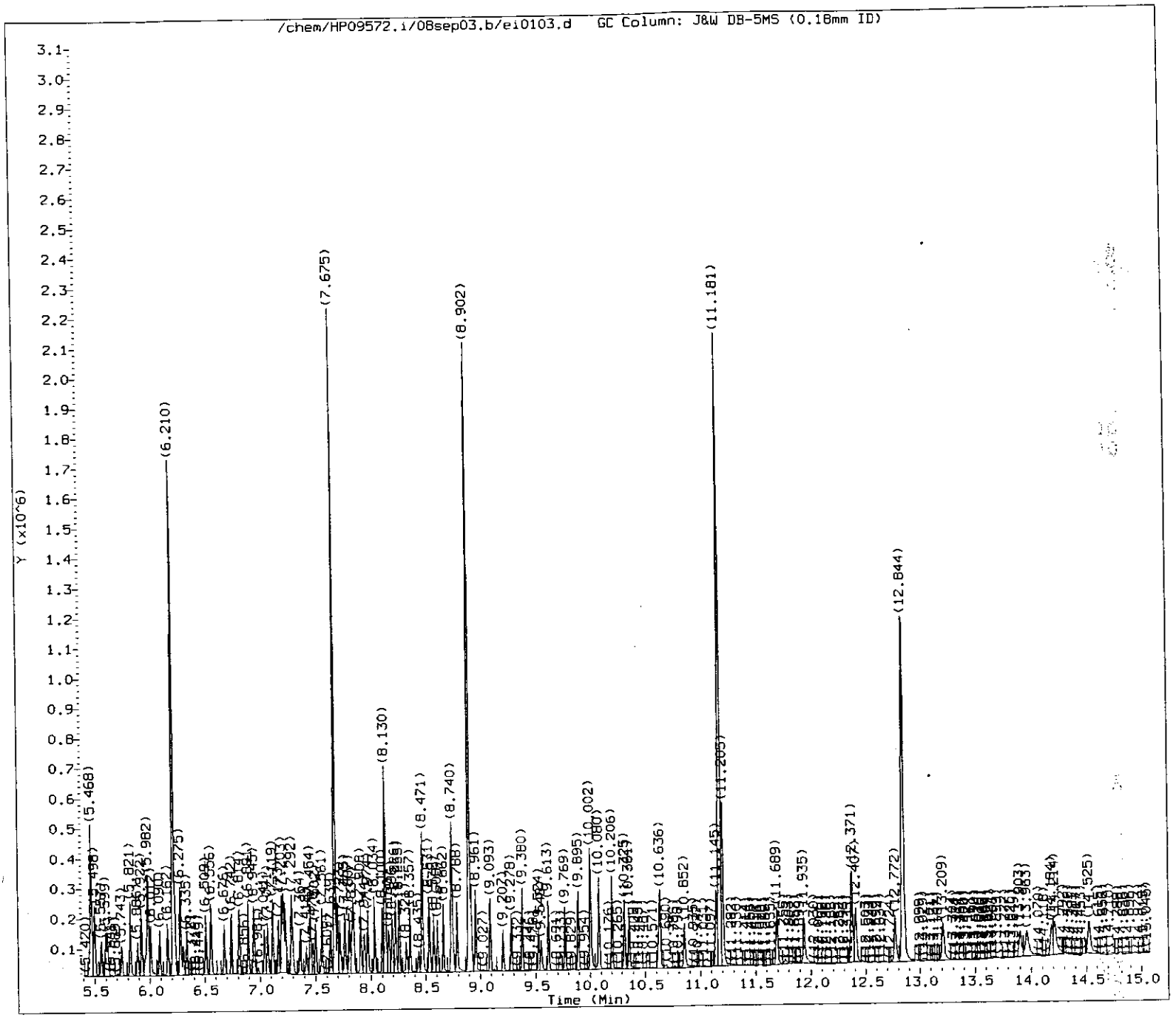
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD005

Lab Sample ID: STD2478

ASX85 0130

LMH195 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

ASX05 0139

lmh195 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

ASX85 0140

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 hit

ASX05 0101

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

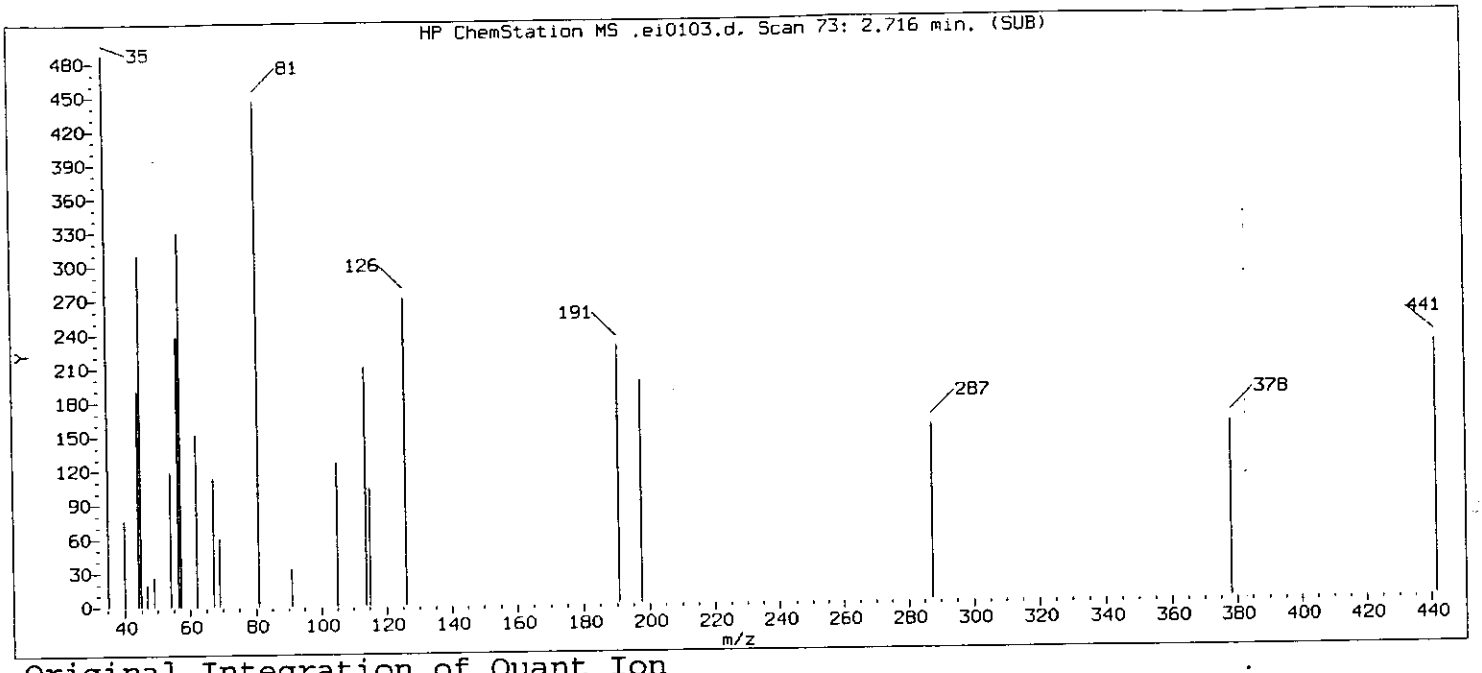
Lab Sample ID: STD2478

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

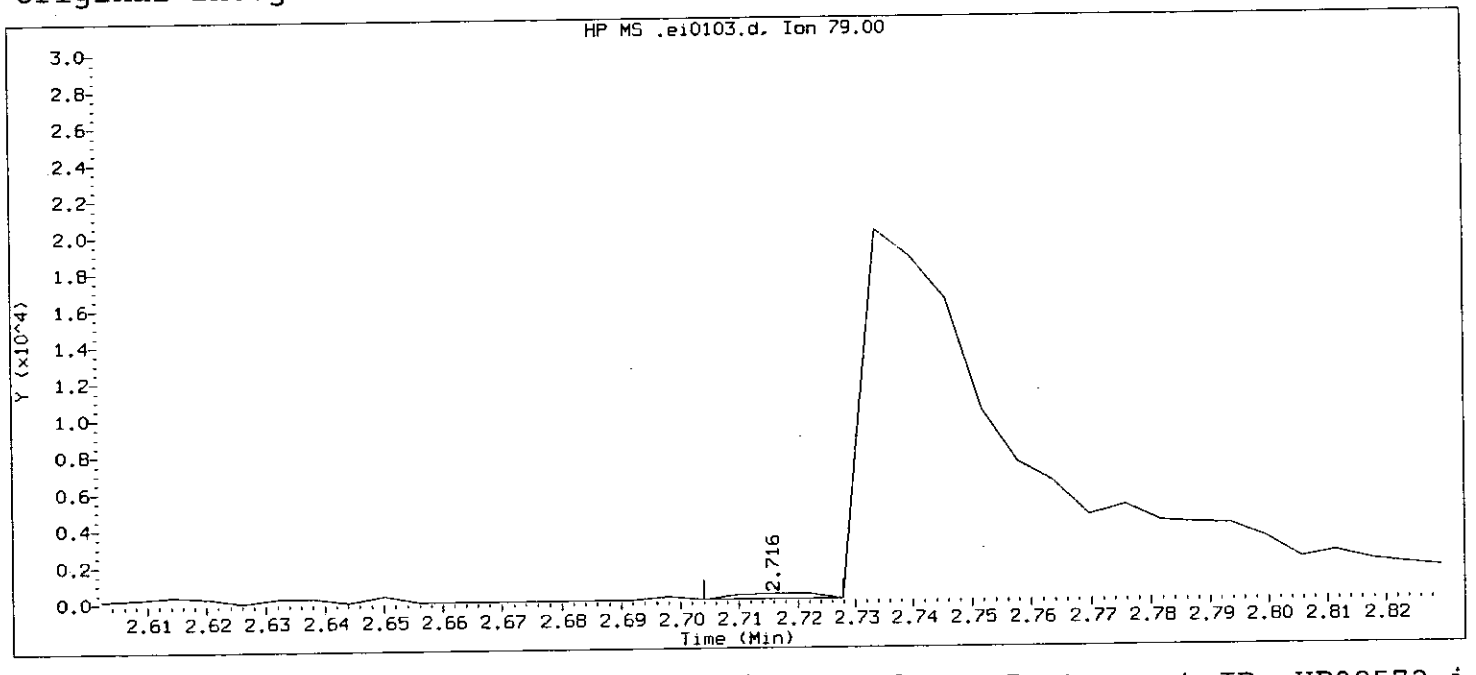
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of 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 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sample Name: SSTD005 Lab Sample ID: STD2478

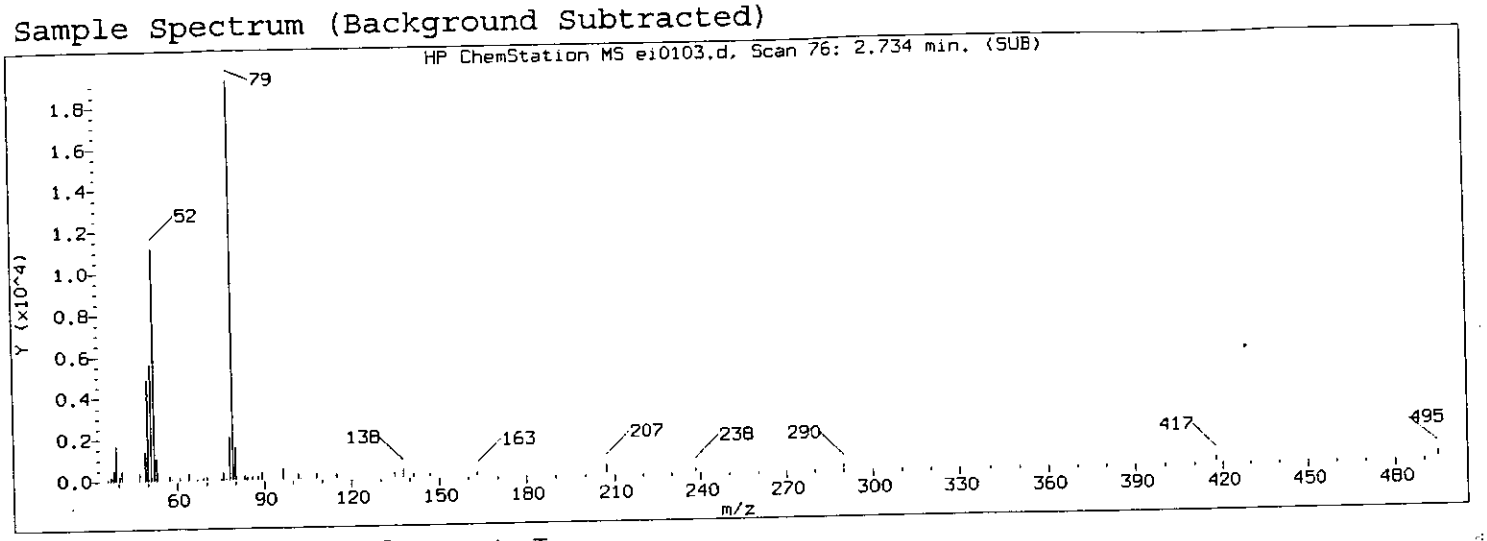
Compound Number : 3
Compound Name : Pyridine
Scan Number : 73
Retention Time (minutes): 2.716
Quant Ion : 79
Area : 297
Concentration (ng/ul) : 7.7798
Integration start scan : 70 Integration stop scan: 74
Y at integration start : 0 Y at integration end: 0

LMH198 09/03/08

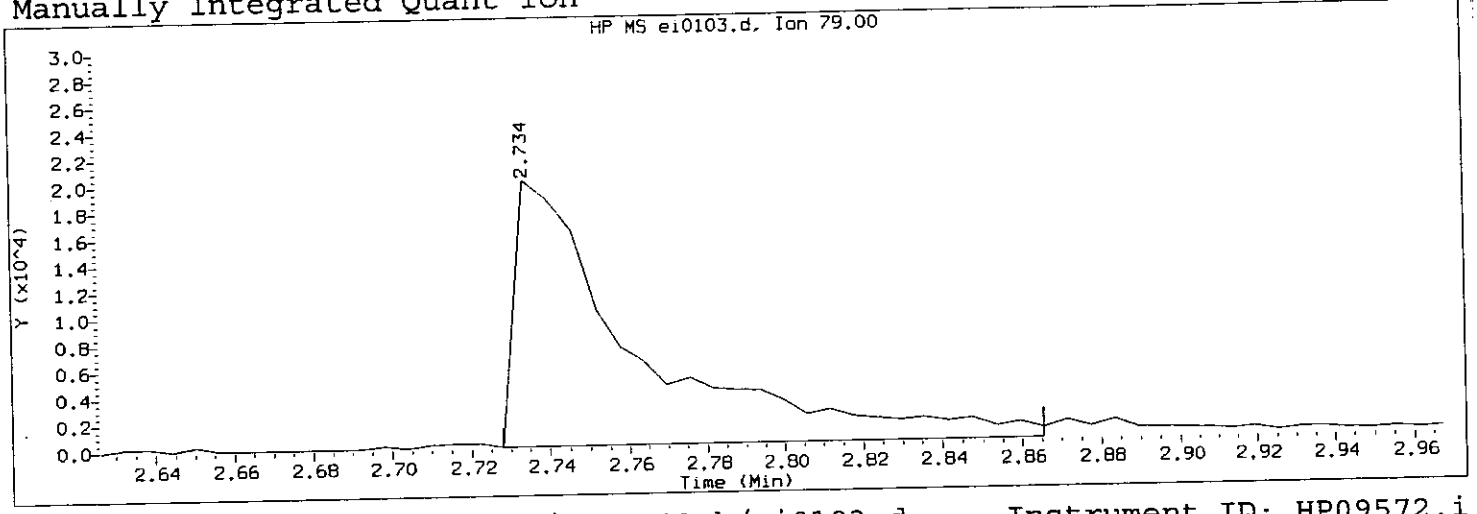
ASX05 0143

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 : 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

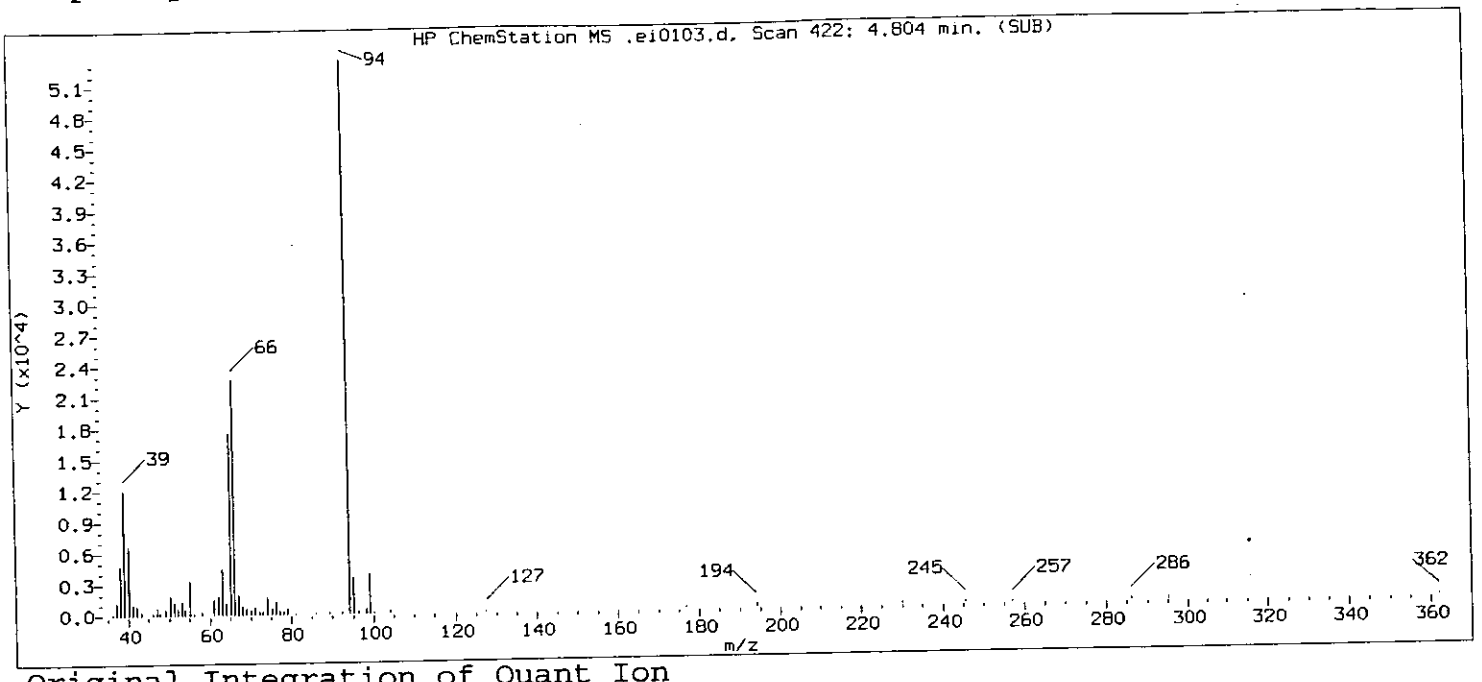
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/03/08

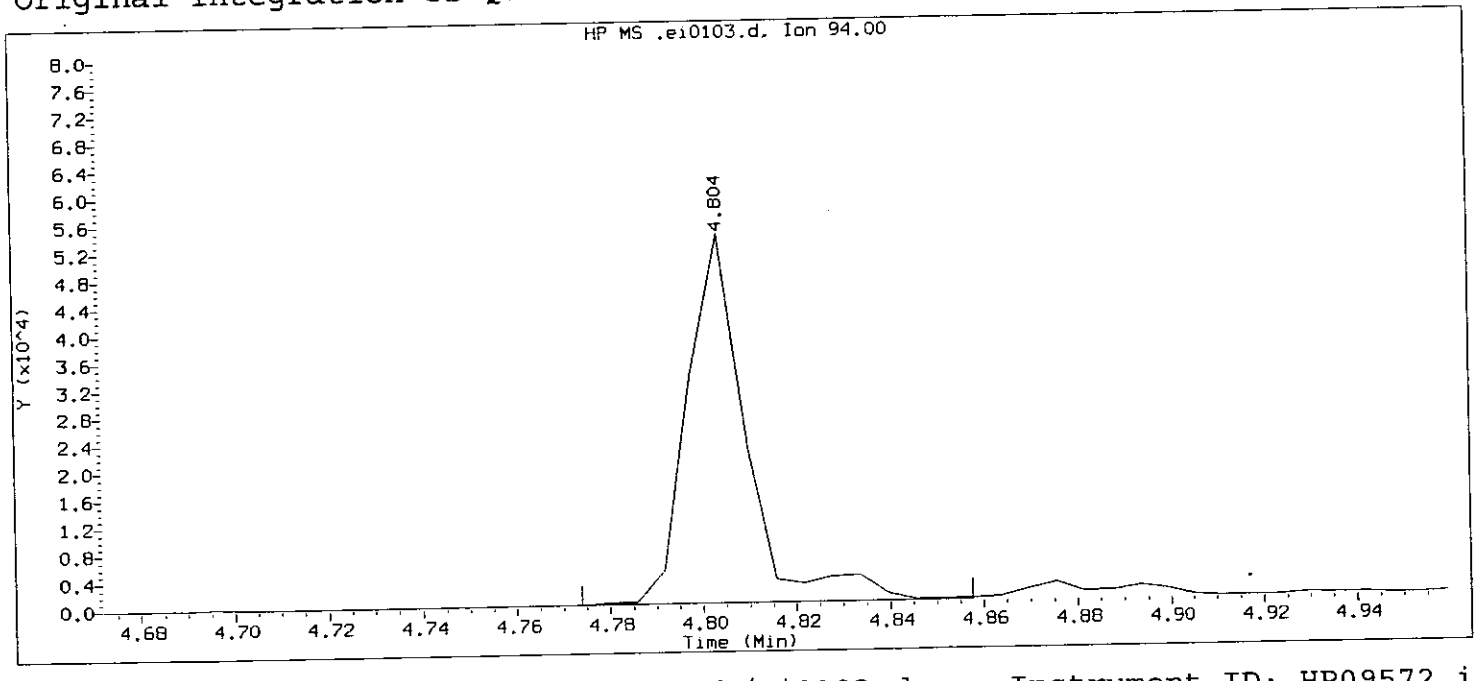
GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/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

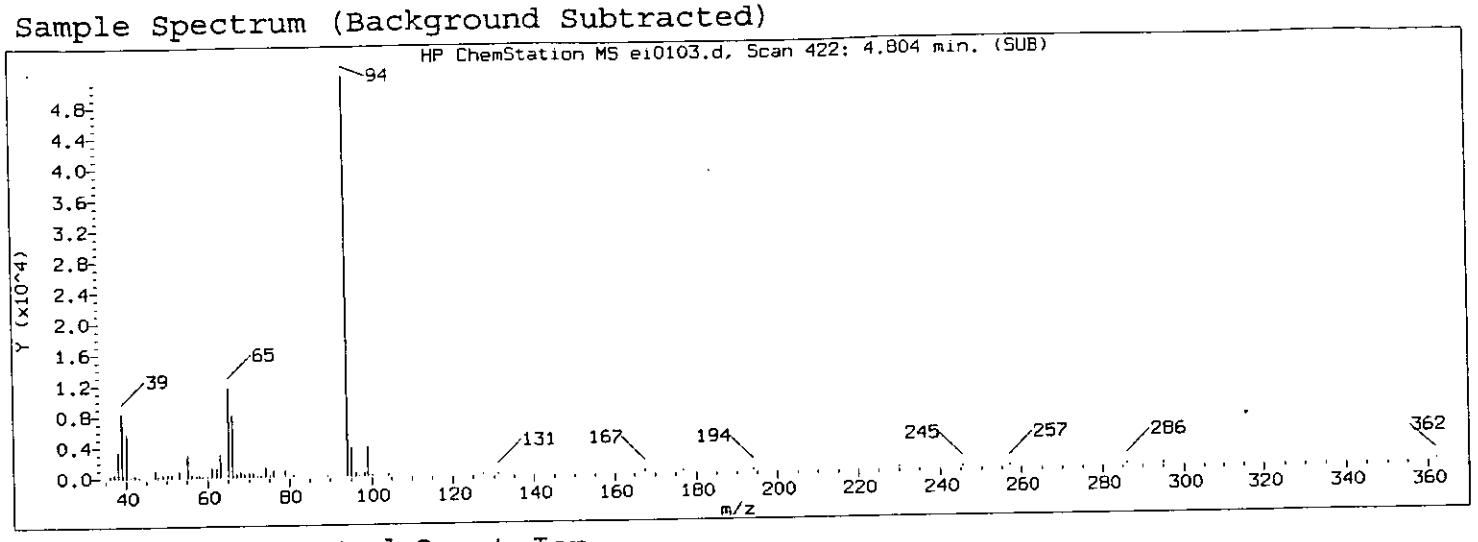
Compound Number : 16
Compound Name : Phenol
Scan Number : 422
Retention Time (minutes): 4.804
Quant Ion : 94
Area : 46702
Concentration (ng/ul) : 9.5037
Integration start scan : 416
Integration stop scan: 430
Y at integration start : 0
Y at integration end: 0

lmh195 09/03/08

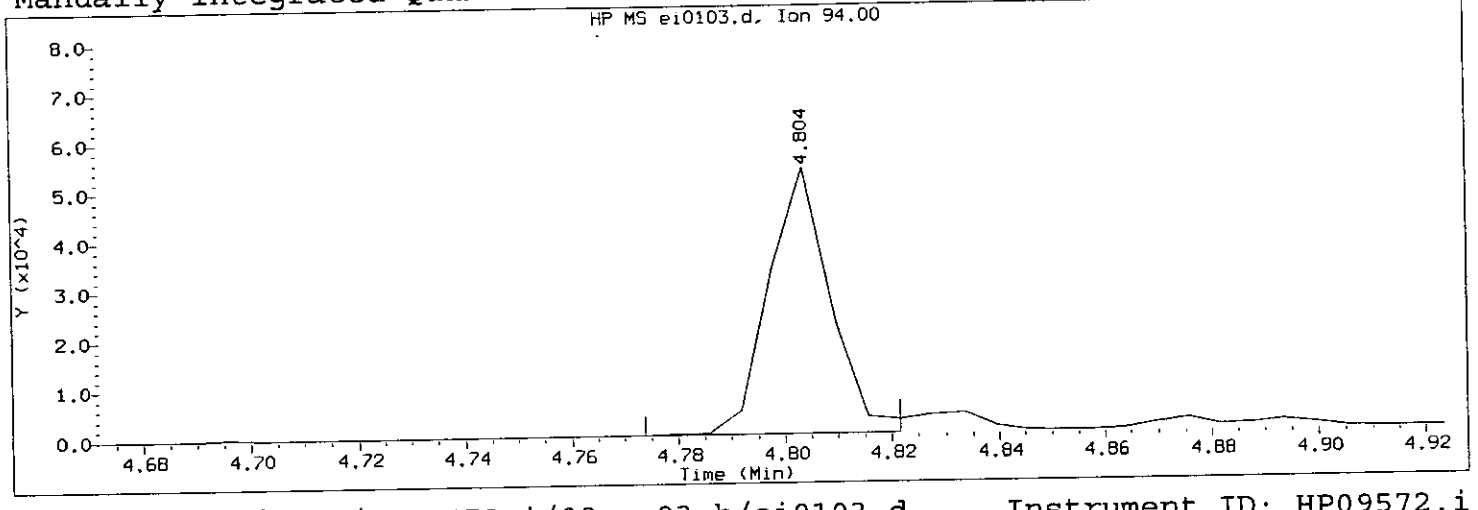
ASX05 0145

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

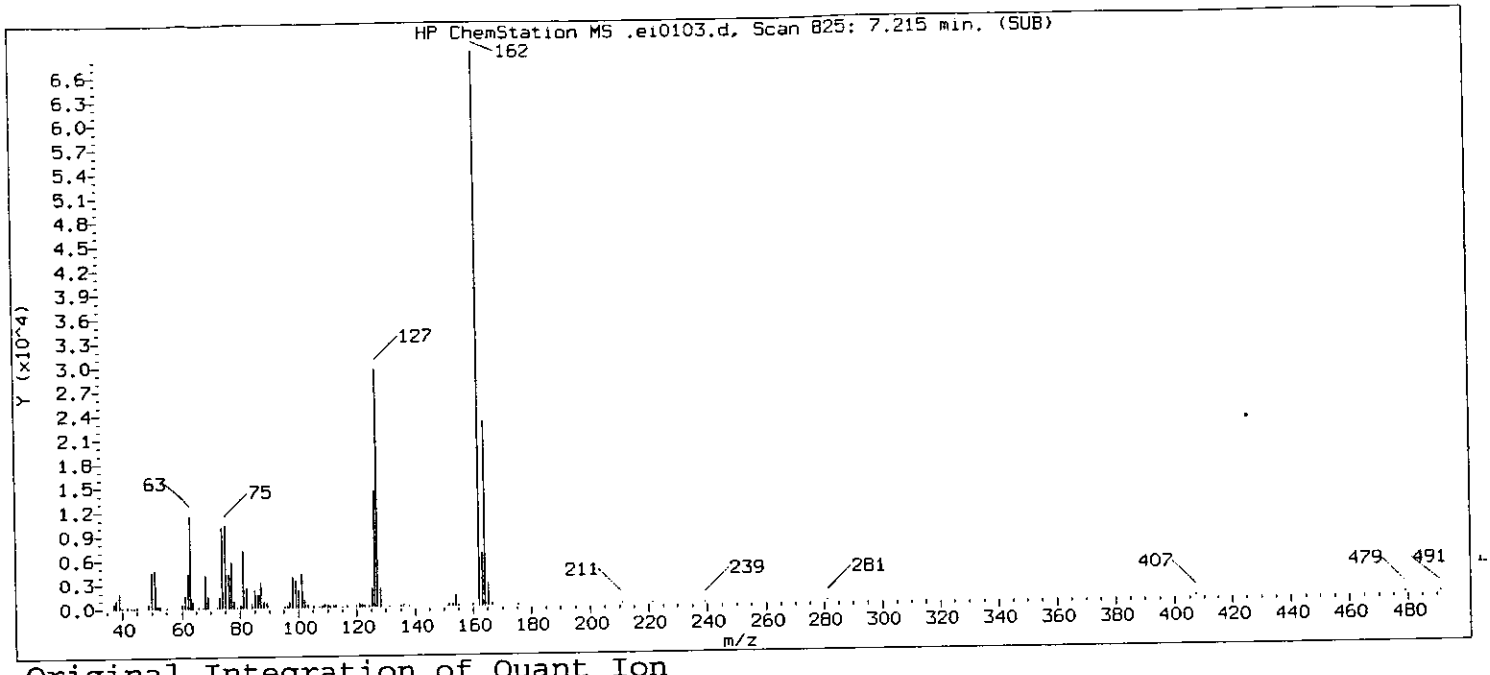
Compound Number	:	16
Compound Name	:	Phenol
Scan Number	:	422
Retention Time (minutes)	:	4.804
Quant Ion	:	94
Area (flag)	:	43435 M
Concentration (ng/ul)	:	5.0000
Integration start scan	:	416 Integration stop scan: 424
Y at integration start	:	0 Y at integration end: 0

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

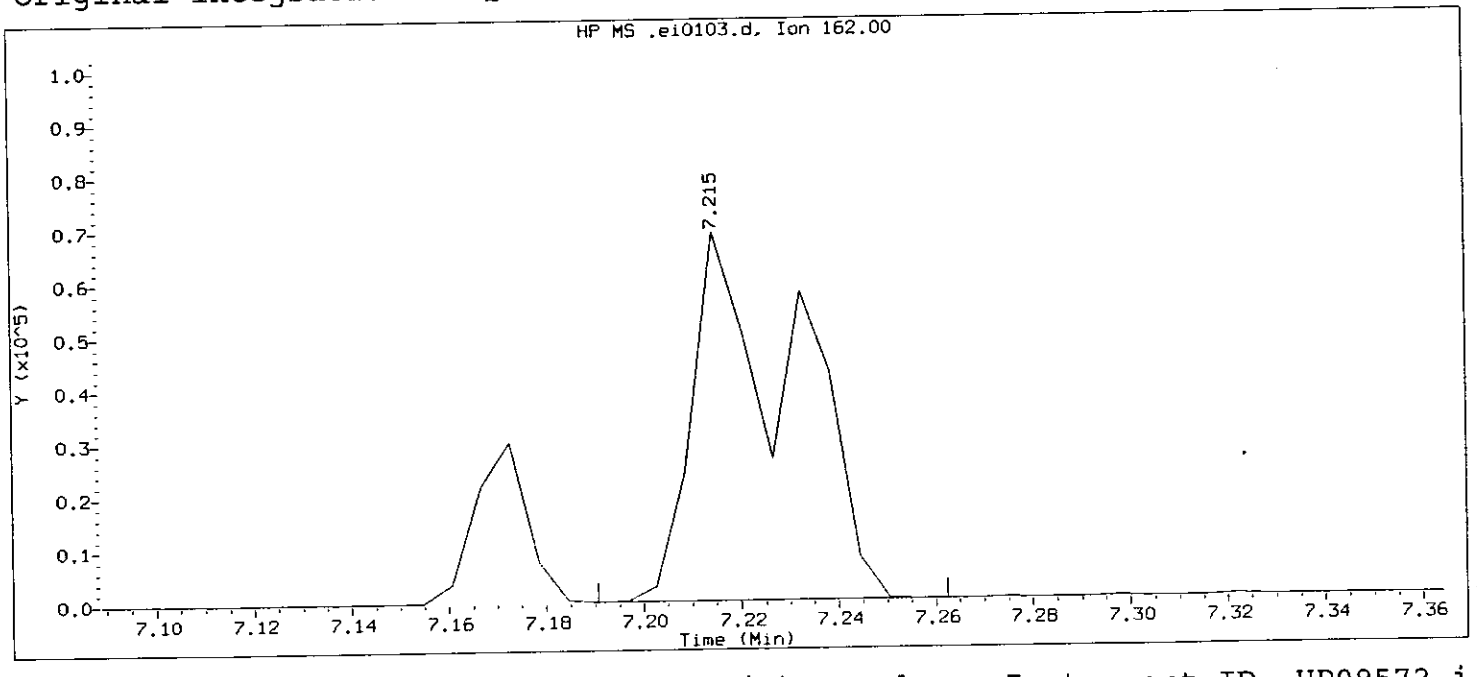
Analyst responsible for change: lmh1956 09/03/08

GC/MS audit/management approval: BBuyor 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

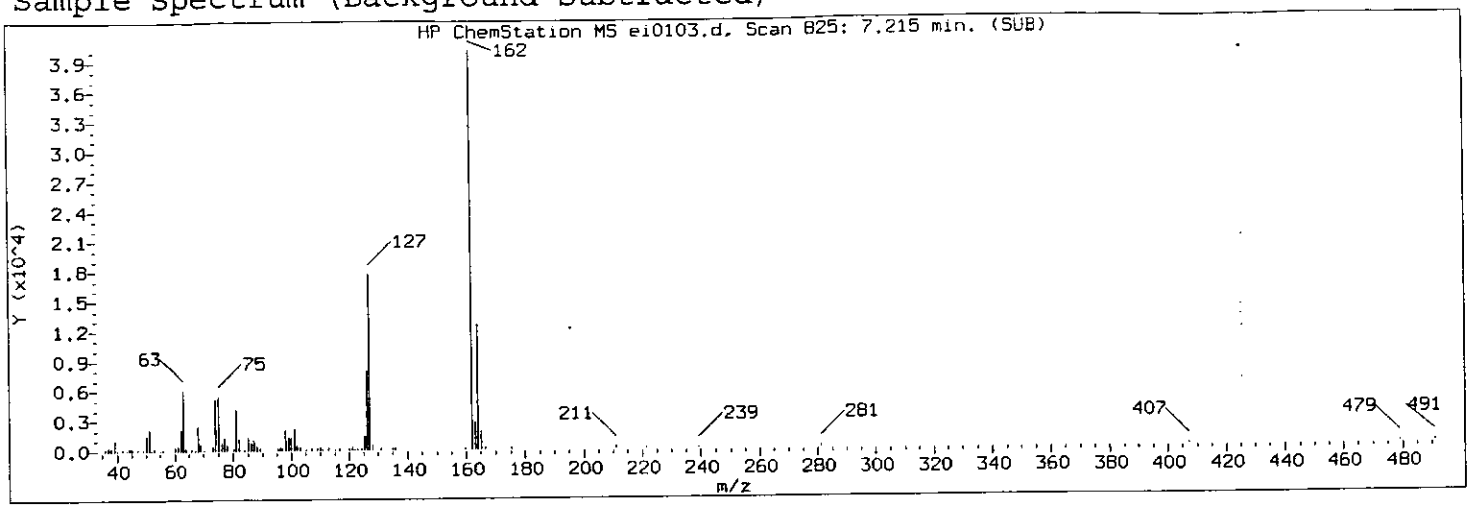
Lab Sample ID: STD2478

Compound Number : 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

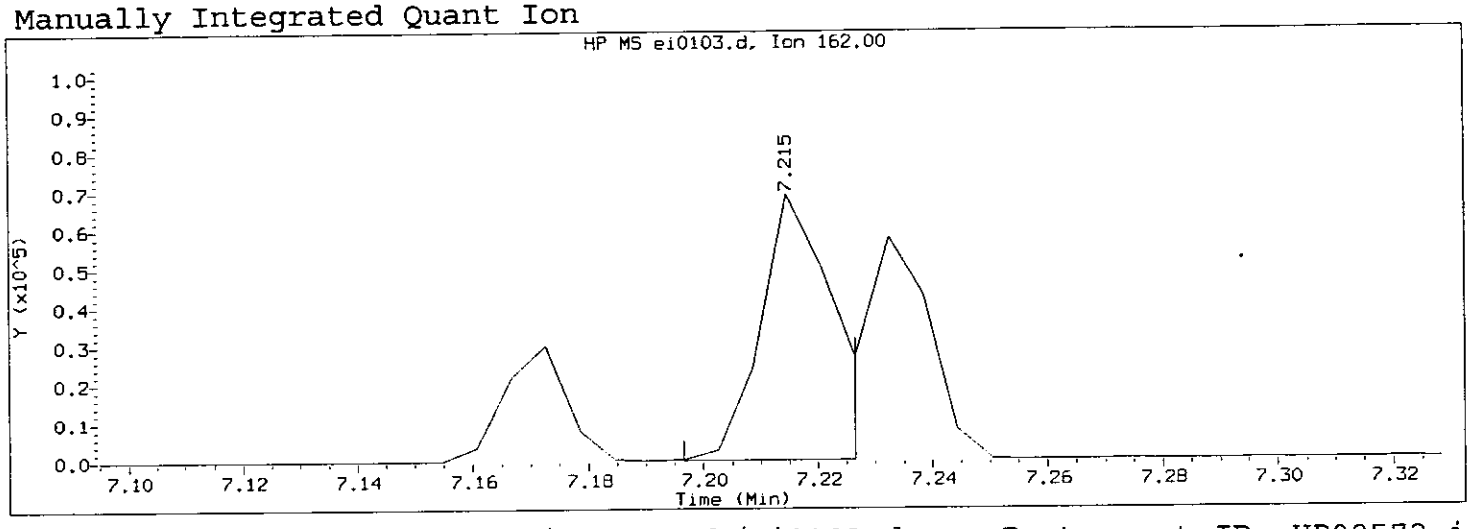
lmh 09/03/08 ASX05 0147

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 : 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 Integration stop scan: 826
Y at integration start : 55 Y at integration end: 55

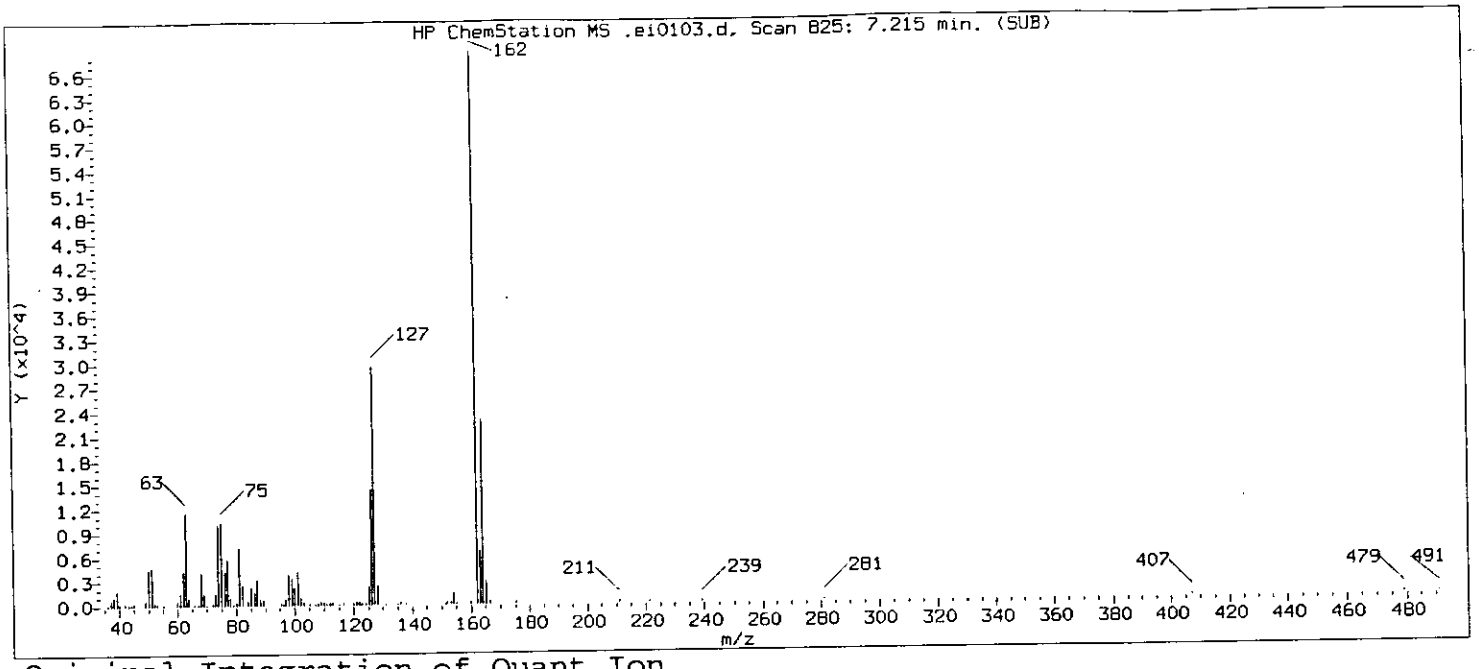
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn198 09/03/08

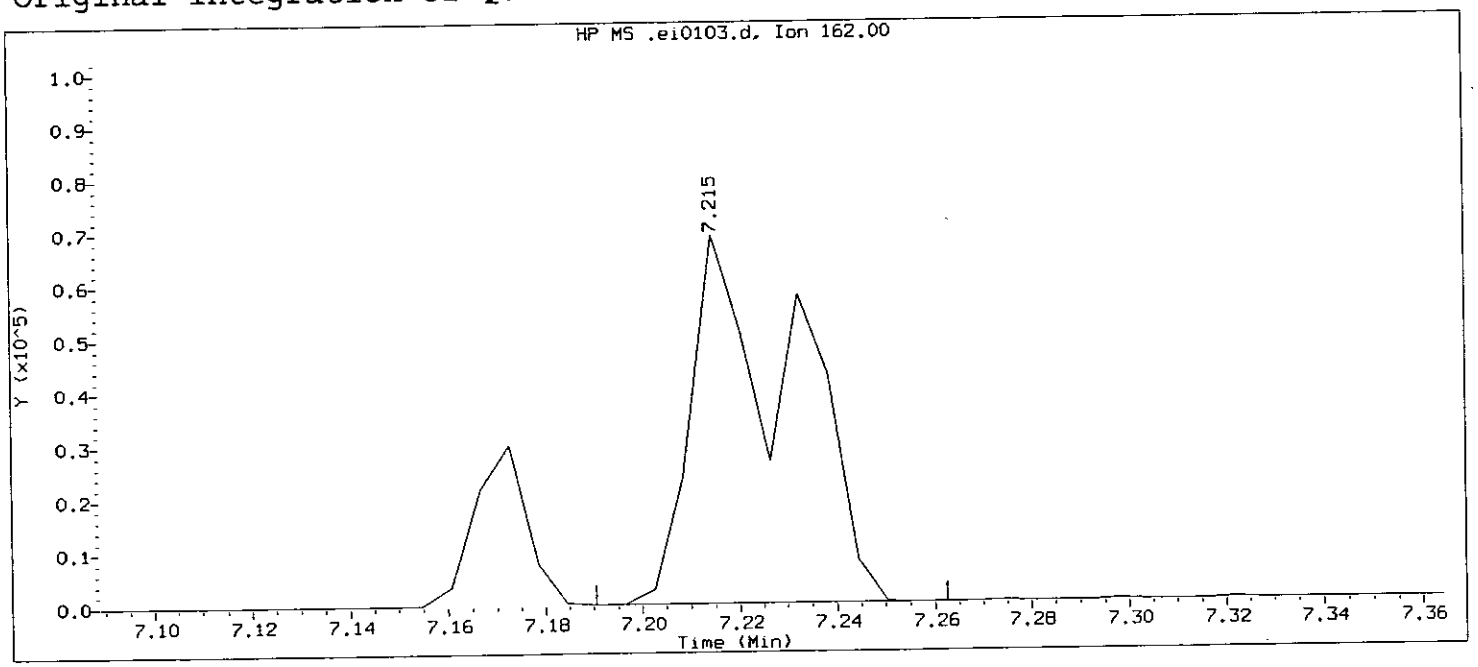
GC/MS audit/management approval: [illegible] 9/5/08

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 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 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

Sample Name: SSTD005 Lab Sample ID: STD2478

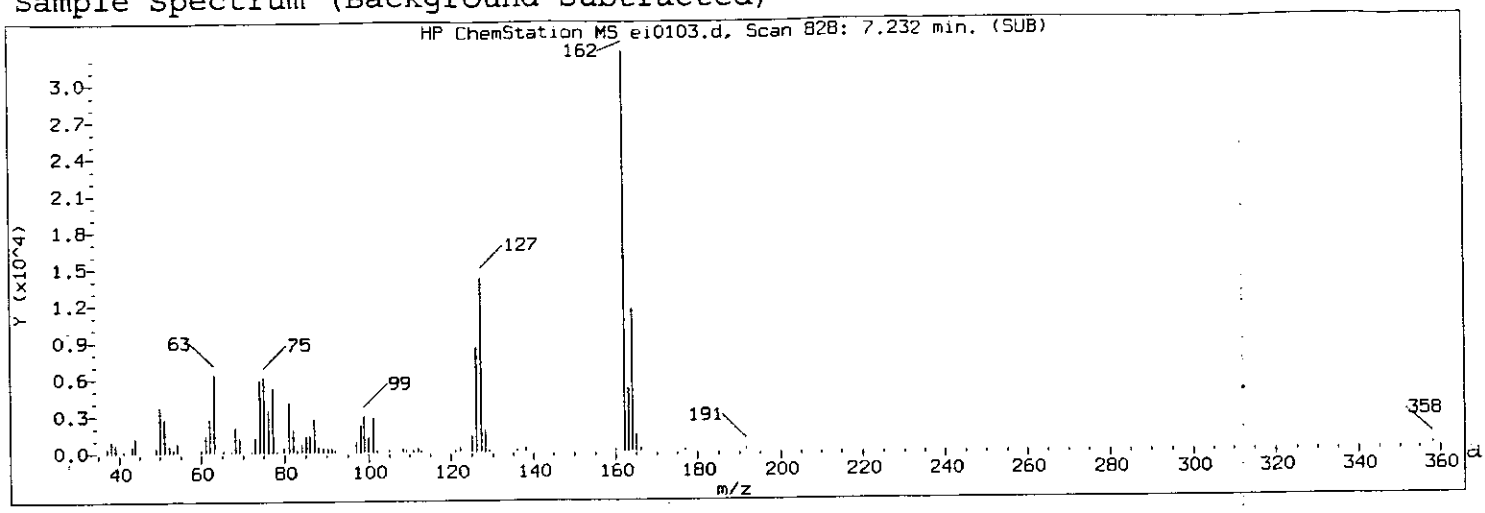
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.215
Quant Ion : 162
Area : 100958
Concentration (ng/ul) : 9.4903
Integration start scan : 820 Integration stop scan: 832
Y at integration start : 0 Y at integration end: 0

lmh 09/03/08

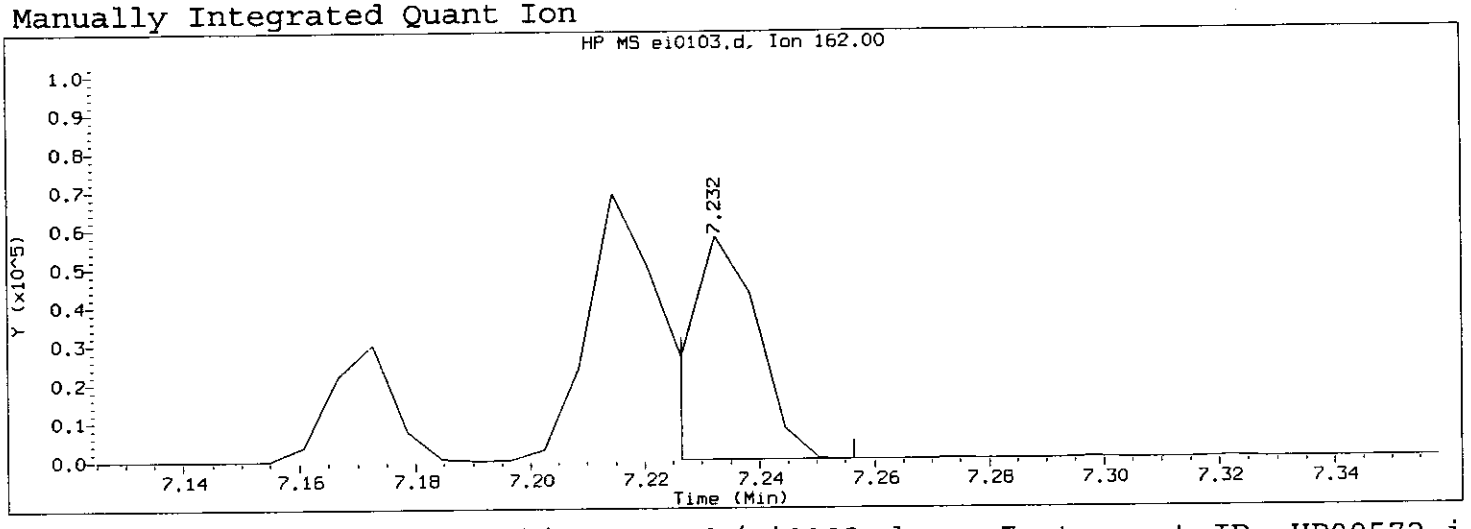
ASX05 0149

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

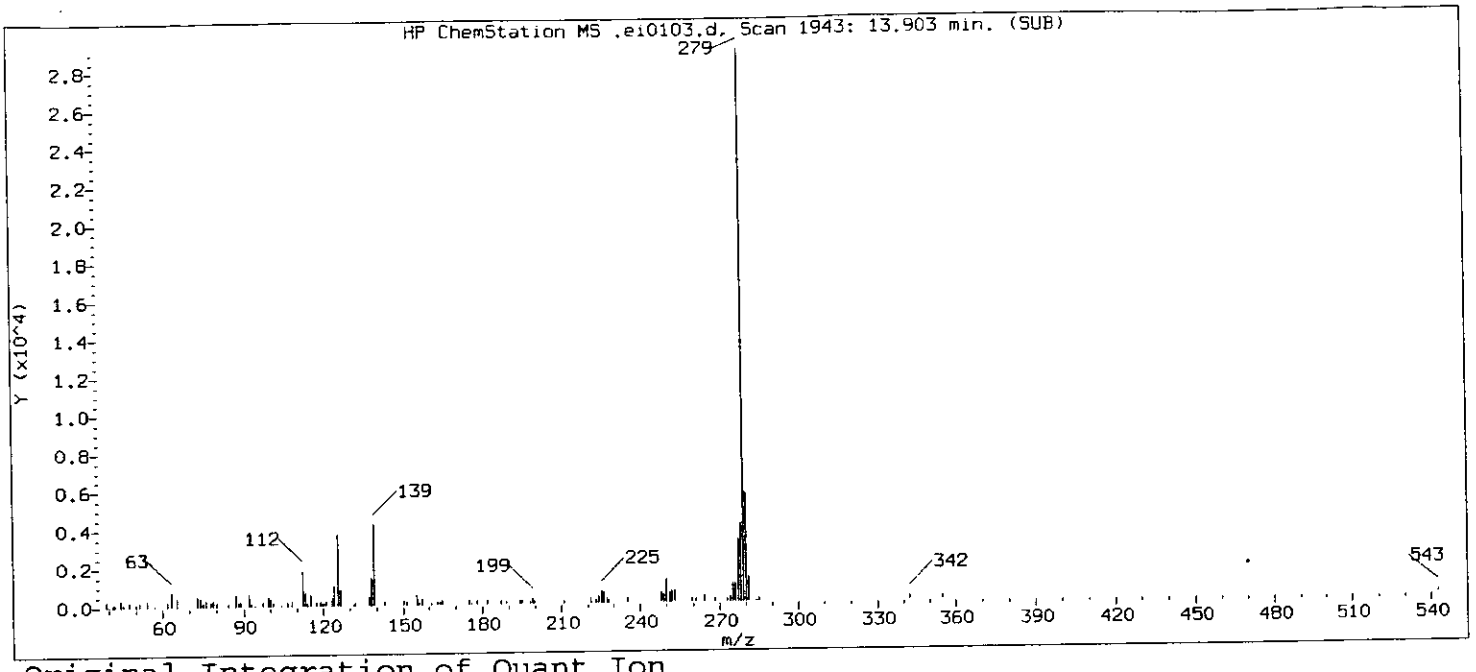
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 828
Retention Time (minutes): 7.232
Quant Ion : 162
Area (flag) : 48759 M
Concentration (ng/ul) : 5.0000
Integration start scan : 826 Integration stop scan: 831
Y at integration start : -69 Y at integration end: -69

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

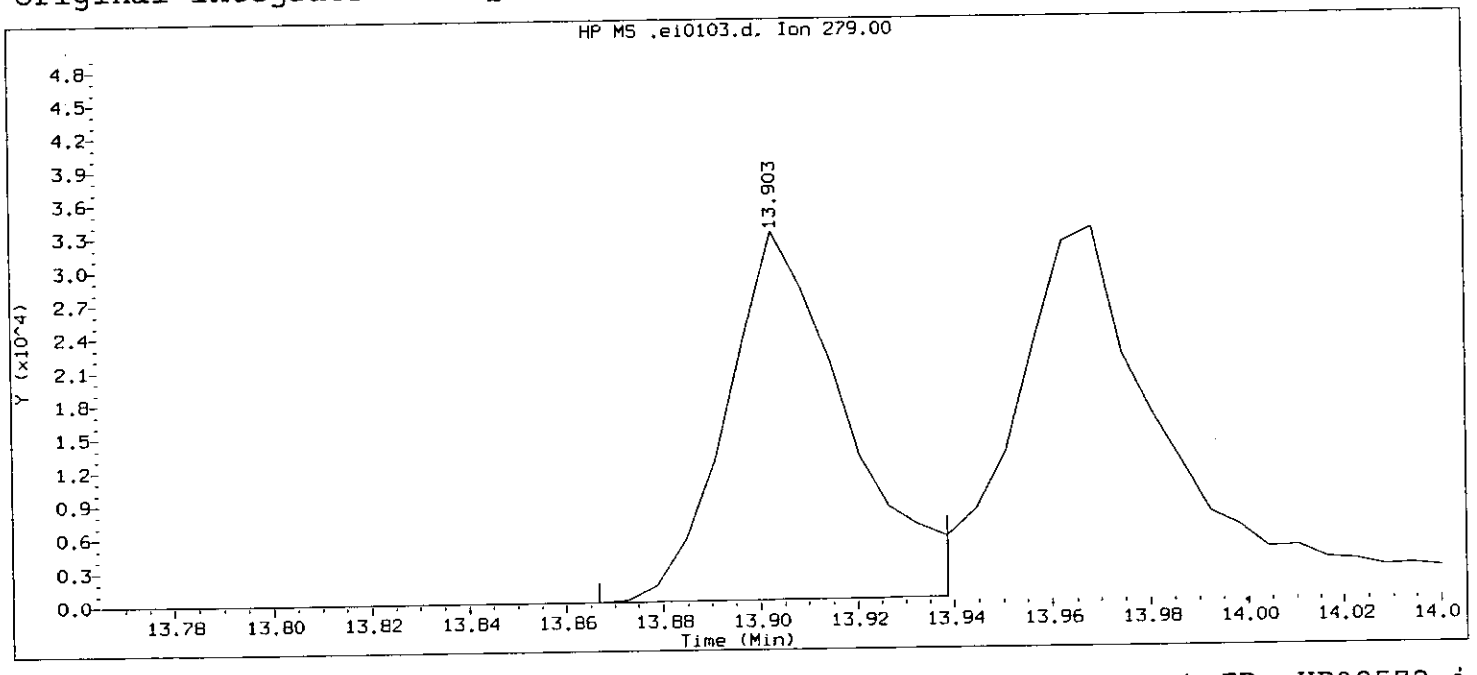
Analyst responsible for change: lmh1956 09/03/08

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

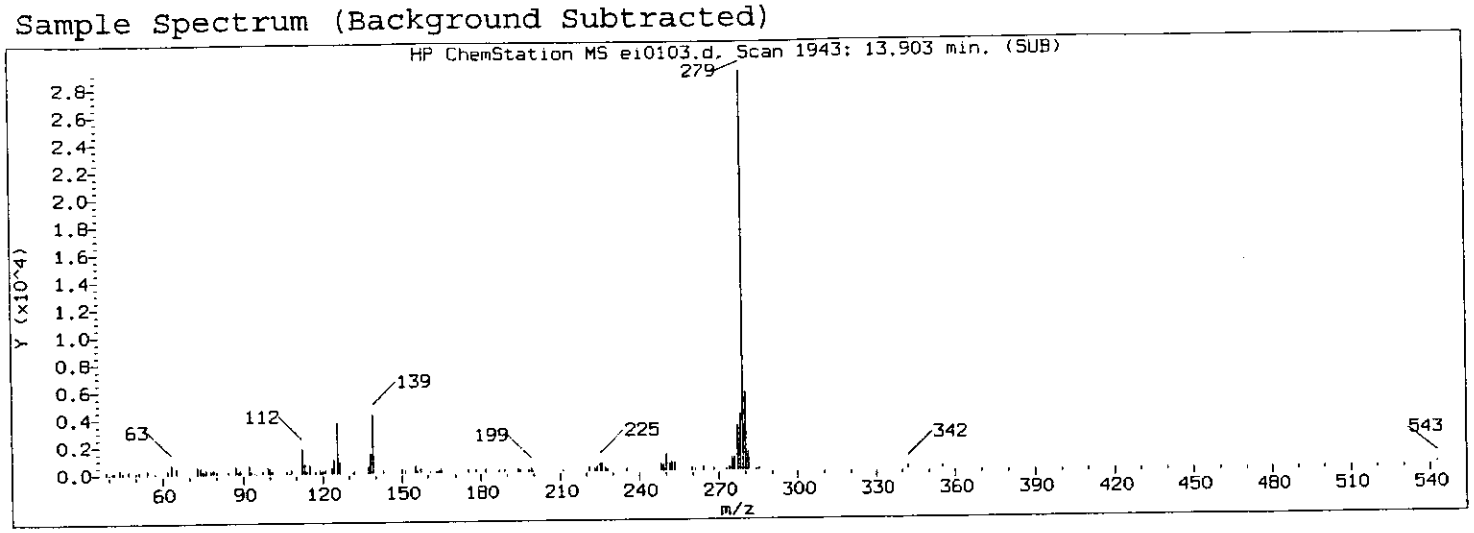
Lab Sample ID: STD2478

Compound Number	: 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 Integration stop scan: 1948
Y at integration start	: 0 Y at integration end: 180

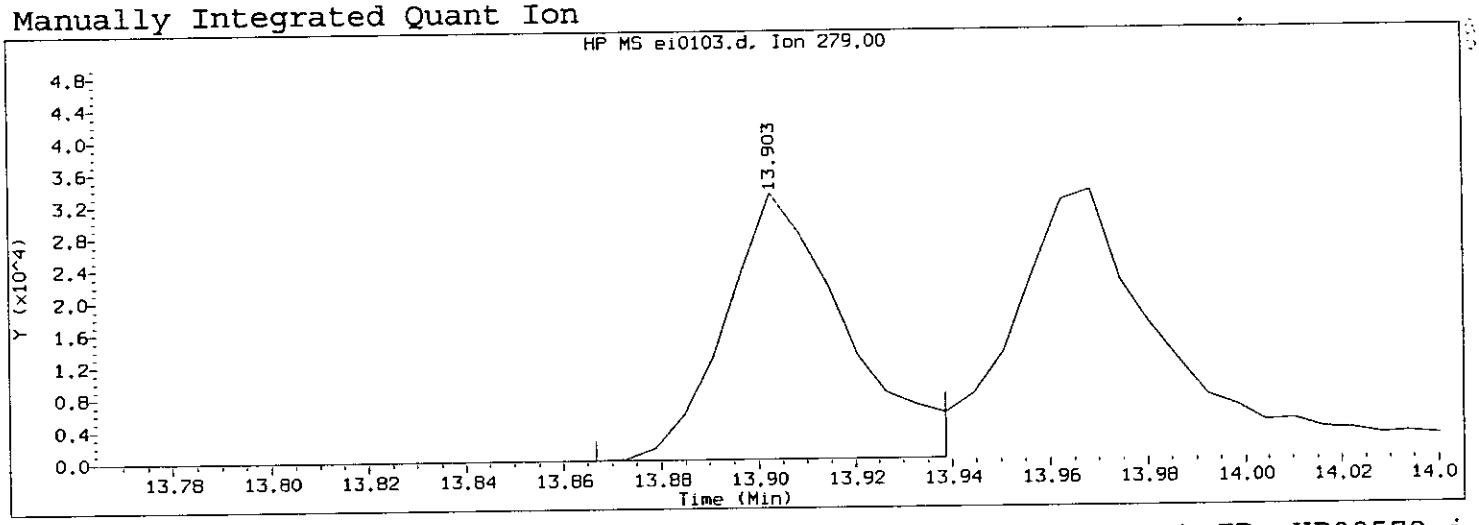
mm198 09/03/08 ASX05 #151

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

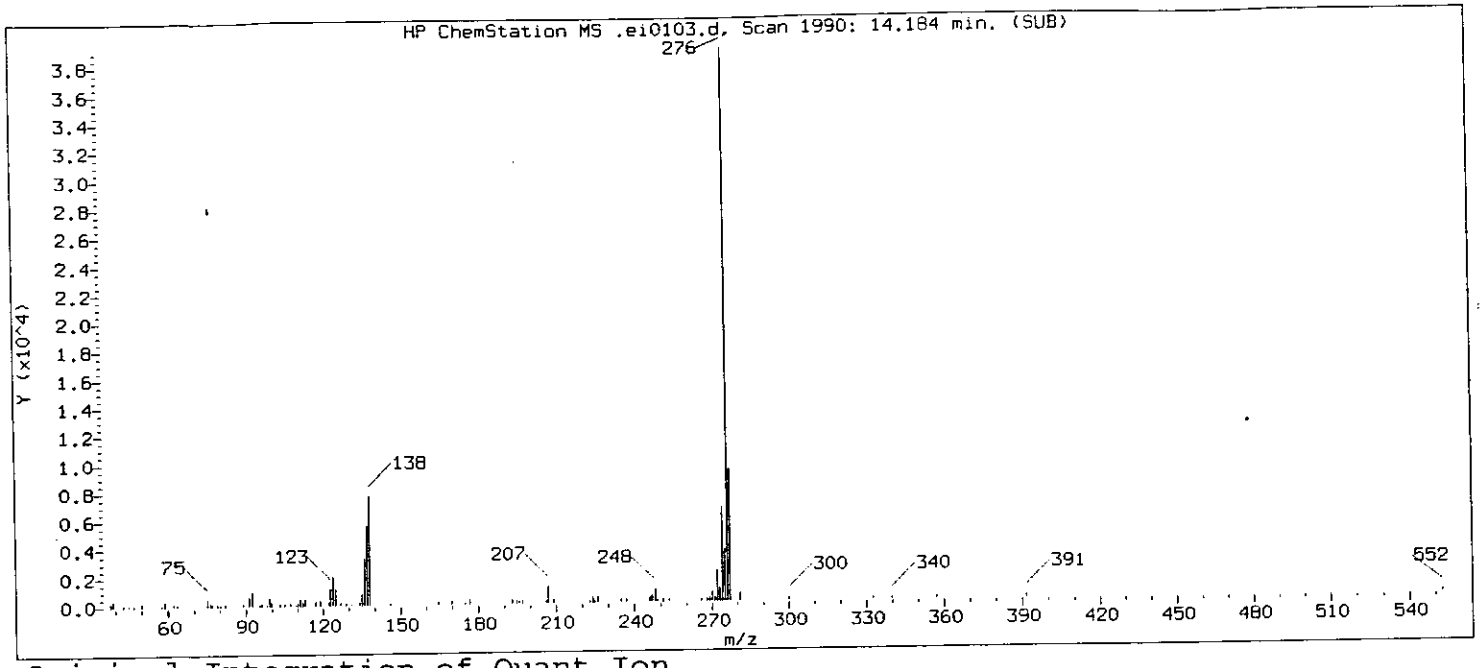
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1986 09/03/08

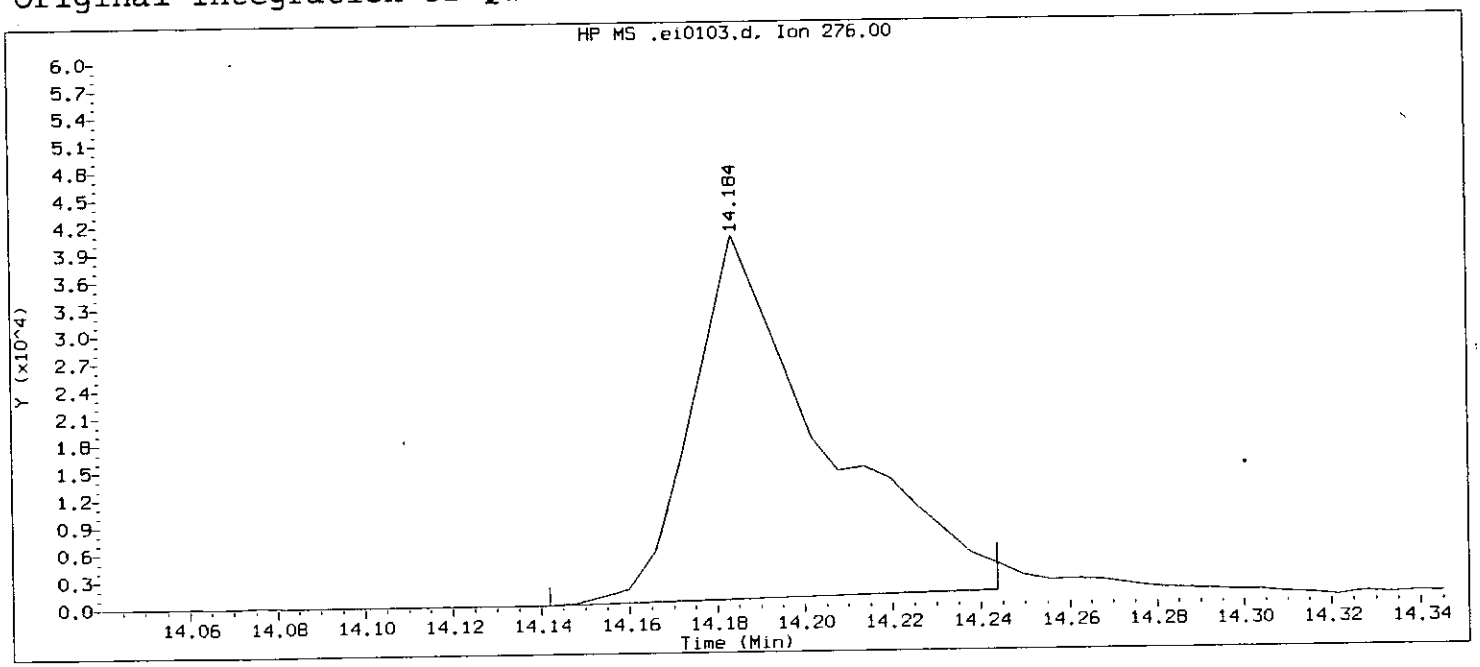
GC/MS audit/management approval: [illegible] 8152

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 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 21:00
Date, time and analyst ID of latest file update: 03-Sep-2008 21:01 Automation

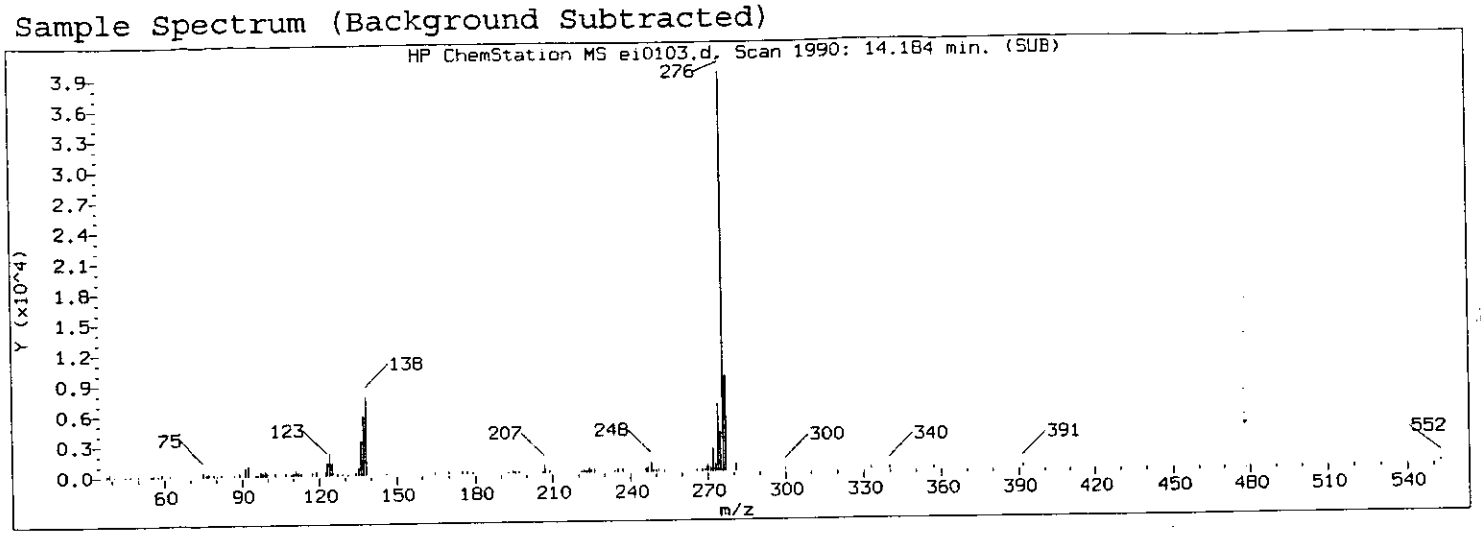
Sample Name: SSTD005 Lab Sample ID: STD2478

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 Integration stop scan: 1999
Y at integration start : 0 Y at integration end: 1146

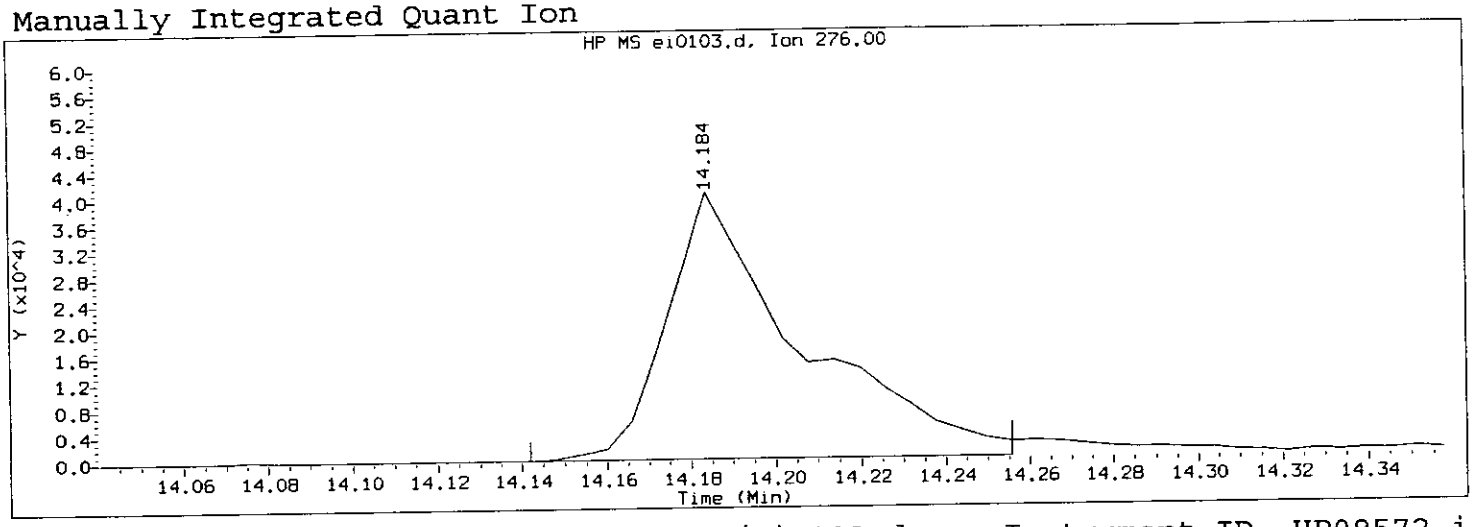
LMH195 09/03/08 ASX05 0153

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

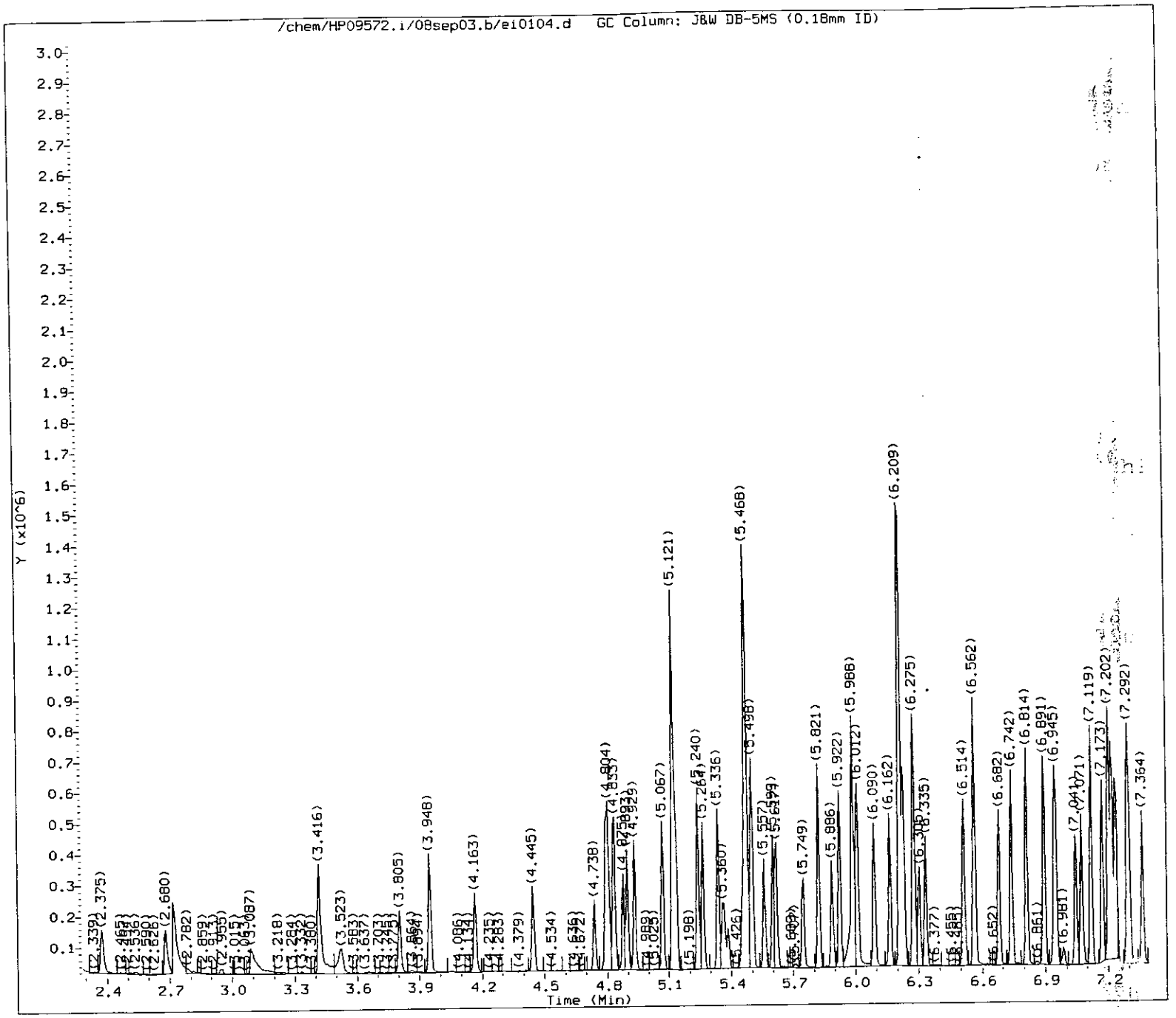
Compound Number : 180
Compound Name : Indeno(1,2,3-cd)pyrene
Scan Number : 1990
Retention Time (minutes): 14.184
Quant Ion : 276
Area (flag) : 88569 M
Concentration (ng/ul) : 5.0000
Integration start scan : 1982 Integration stop scan: 2001
Y at integration start : -8 Y at integration end: -8

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

Analyst responsible for change: LMH198 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0103.d, generated on 09/03/2008 at 23:28



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

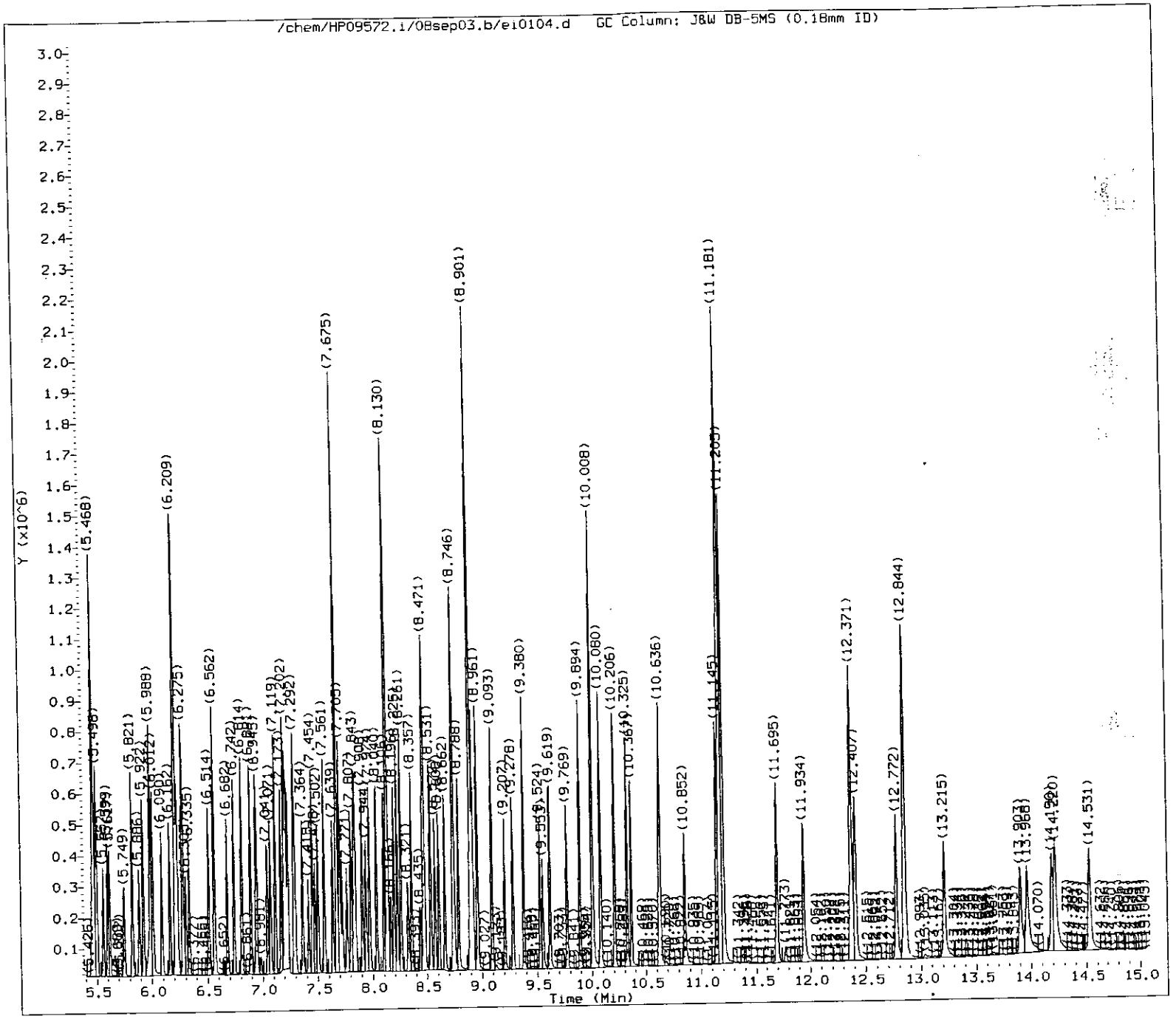
Sublist used: all1

Sample Name: SSTD015

Lab Sample ID: STD2478

ASX05 0155

lmh1958 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

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: SSTD015

Lab Sample ID: STD2478

aSX05 0156

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

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

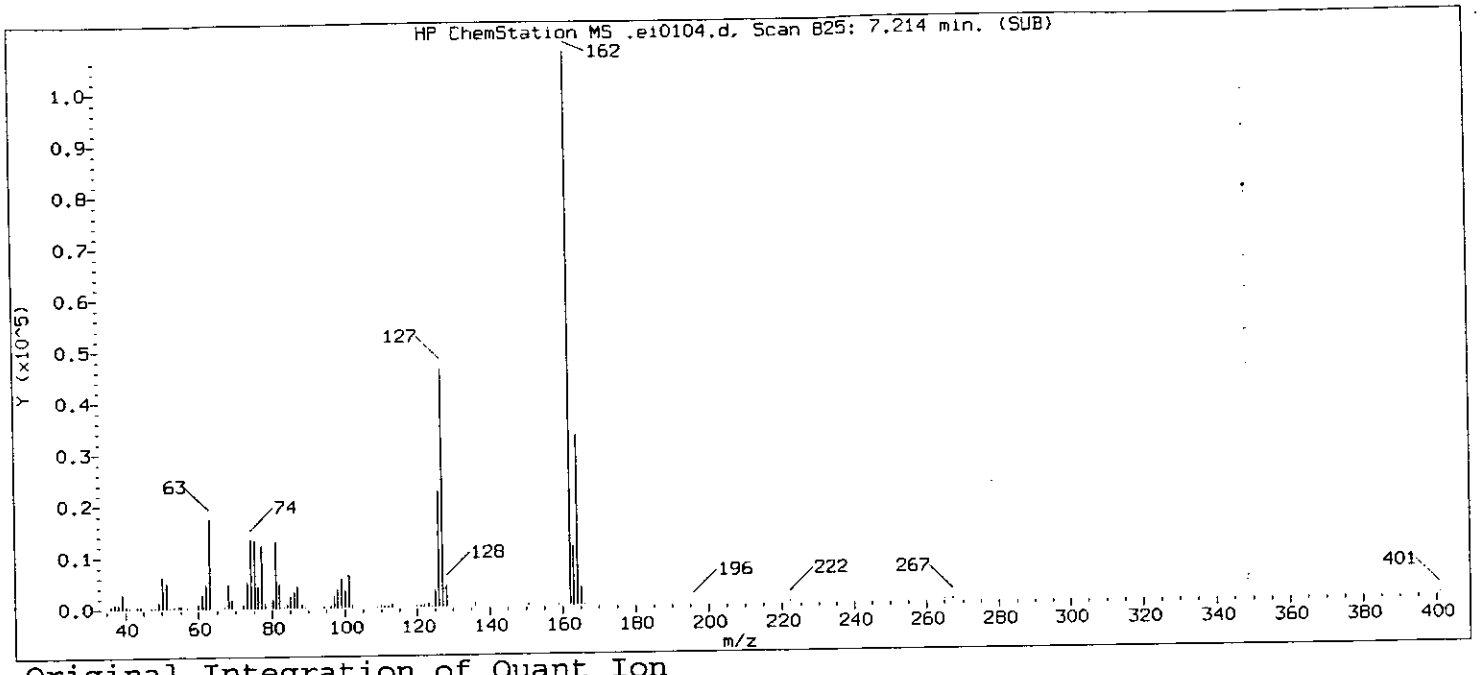
Lab Sample ID: STD2478

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

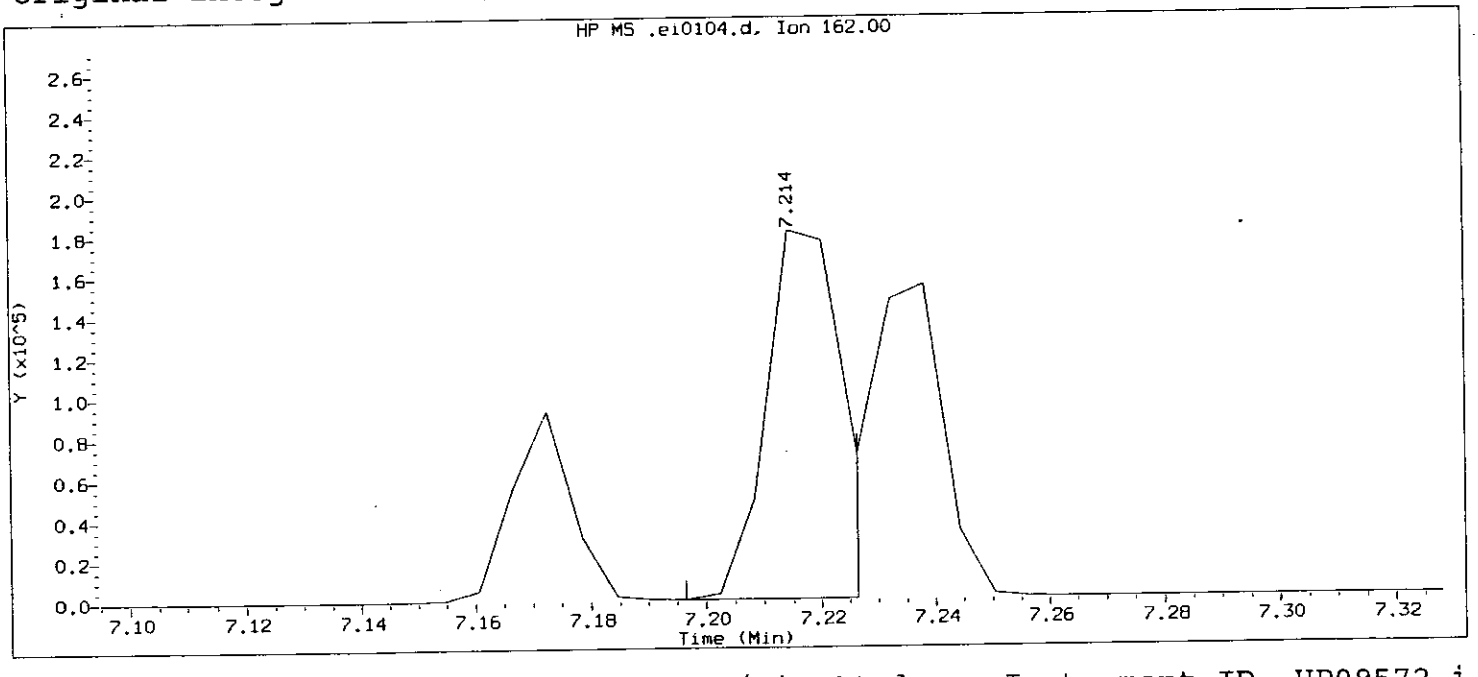
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0104.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:06 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 21:24
Date, time and analyst ID of latest file update: 03-Sep-2008 21:24 Automation

Sample Name: SSTD015 Lab Sample ID: STD2478

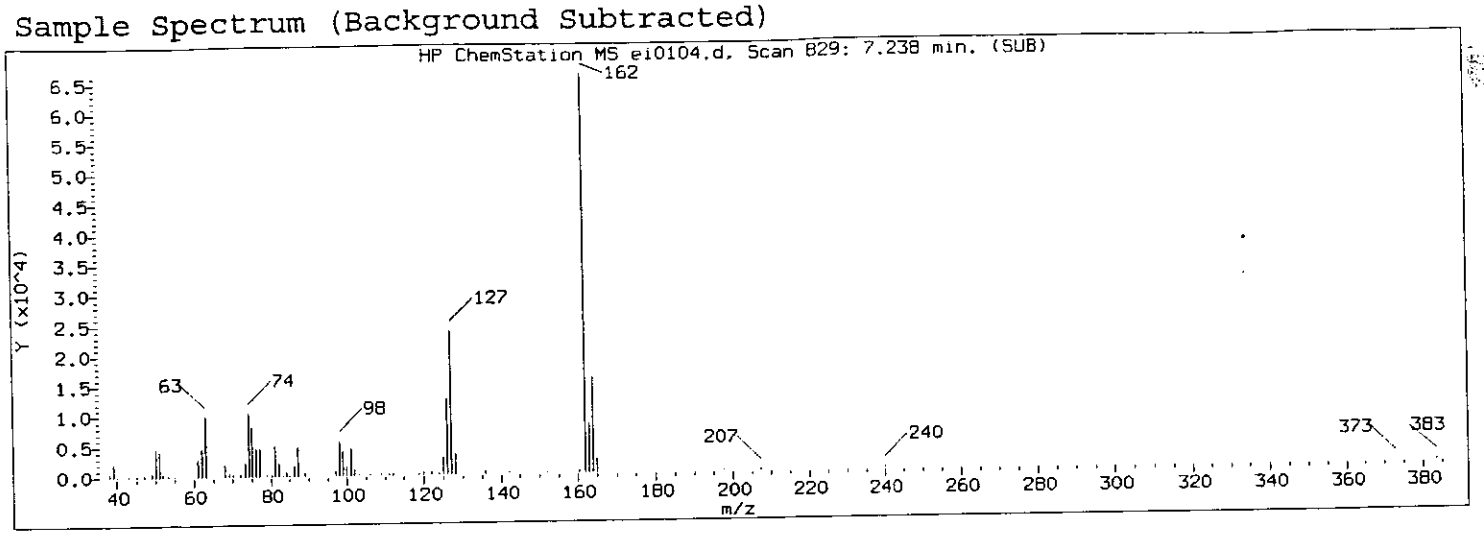
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area : 159575
Concentration (ng/ul) : 15.7281
Integration start scan : 821 Integration stop scan: 826
Y at integration start : 0 Y at integration end: 0

lmh 09/03/08

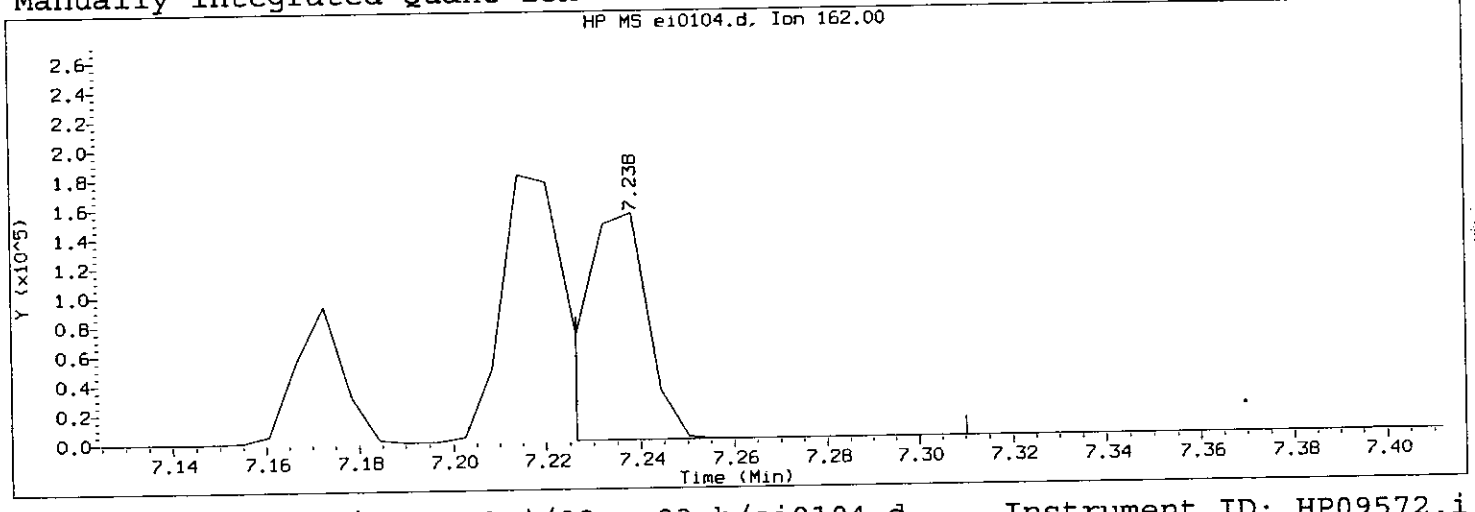
ASX05 0160

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 Integration stop scan: 840
Y at integration start : 0 Y at integration end: 0

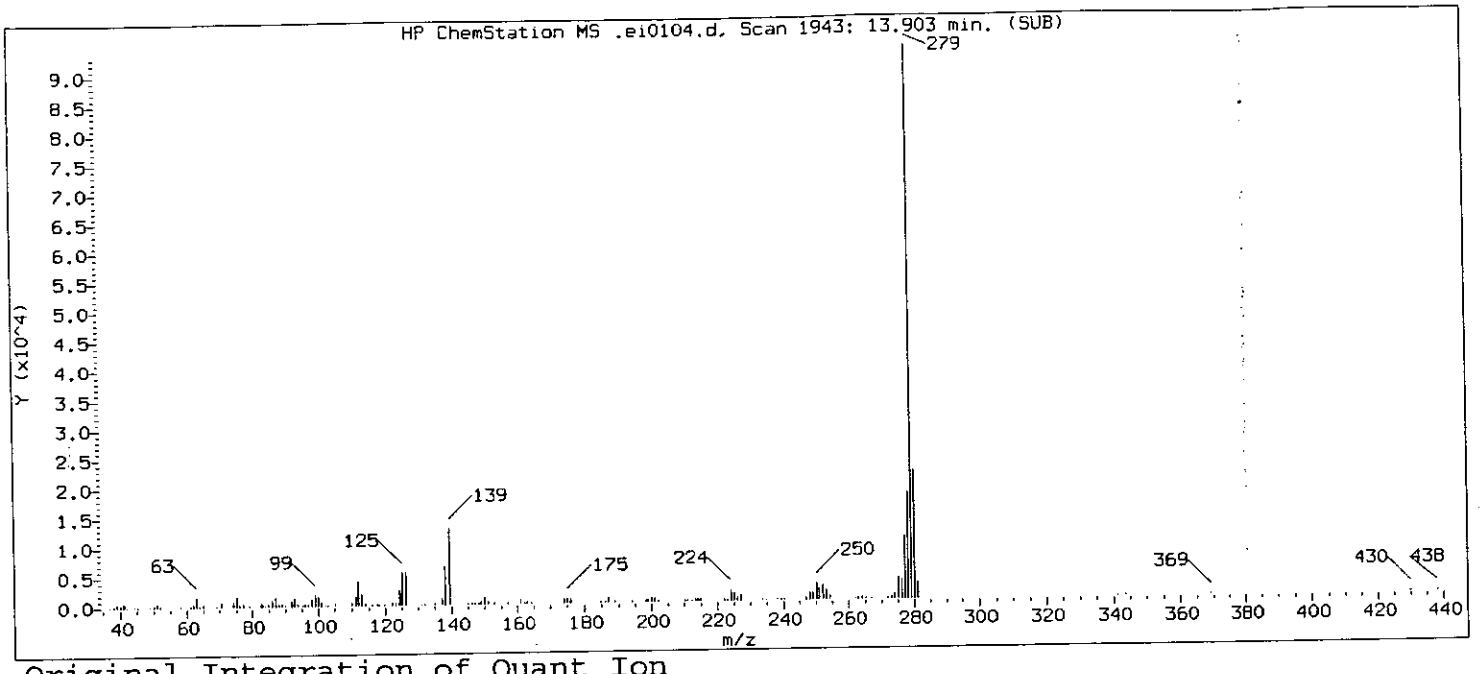
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 09/03/08

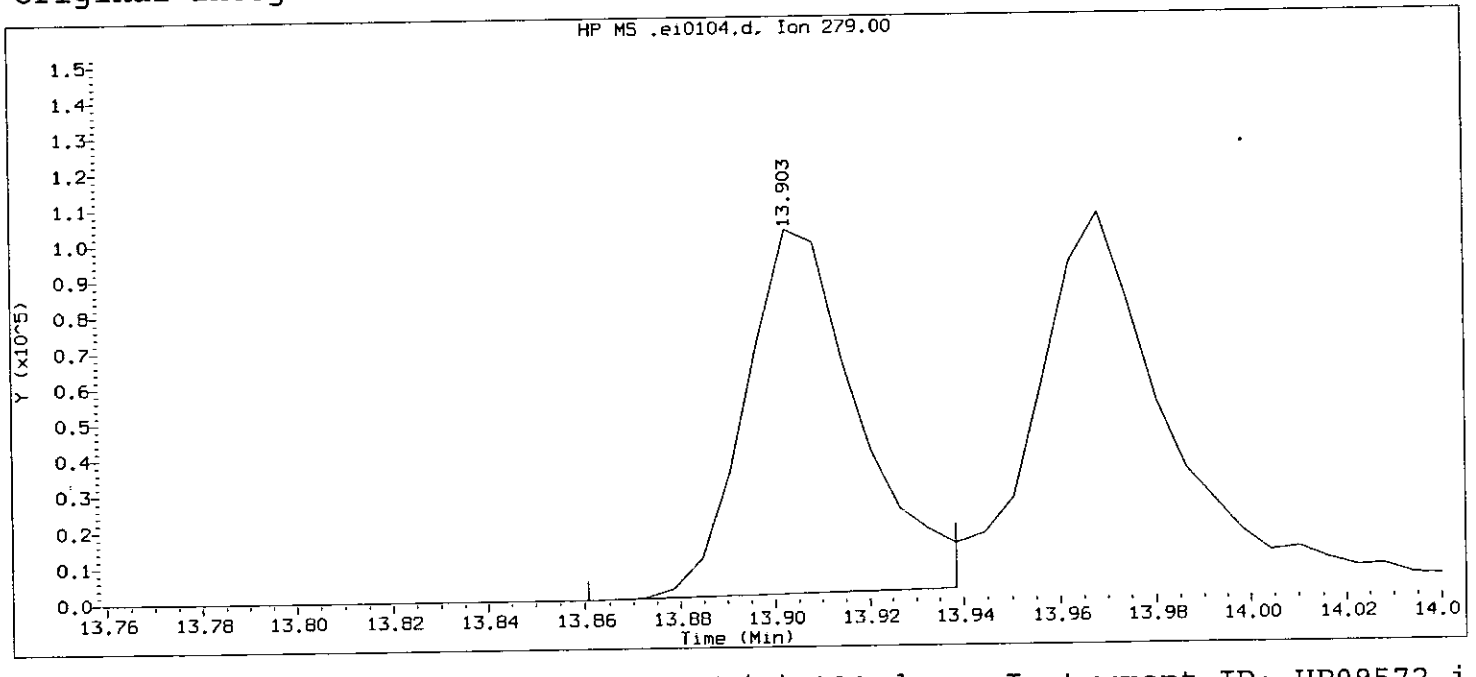
GC/MS audit/management approval: BBmyor 9/5/08

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0104.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/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

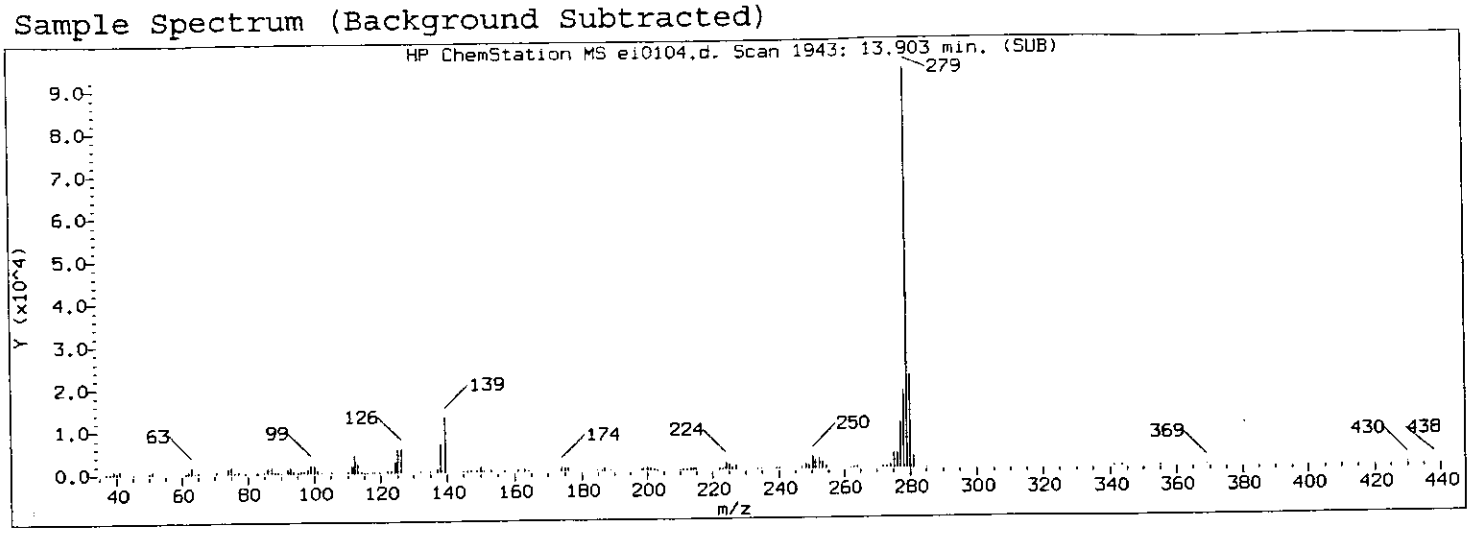
Compound Number : 178
Compound Name : Dibenz(a,h)acridine
Scan Number : 1943
Retention Time (minutes): 13.903
Quant Ion : 279
Area : 167962
Concentration (ng/ul) : 23.2695
Integration start scan : 1935 Integration stop scan: 1948
Y at integration start : 0 Y at integration end: 2050

LMH 09/03/08

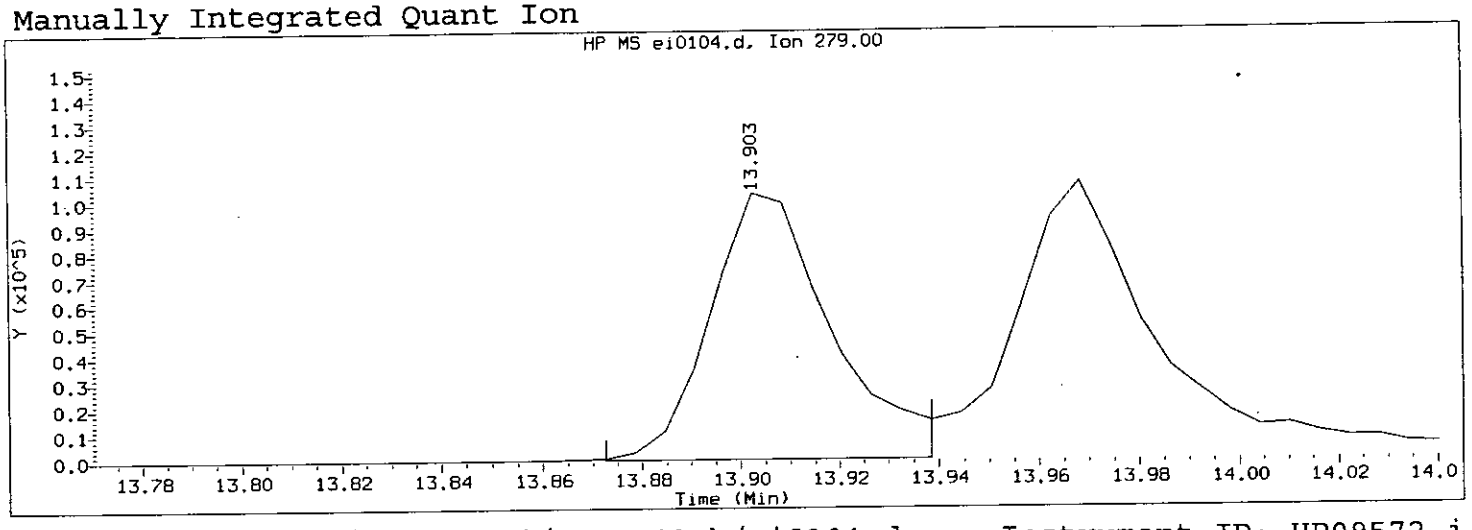
ASX85 0162

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:06 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: SSTD015 Lab Sample ID: STD2478

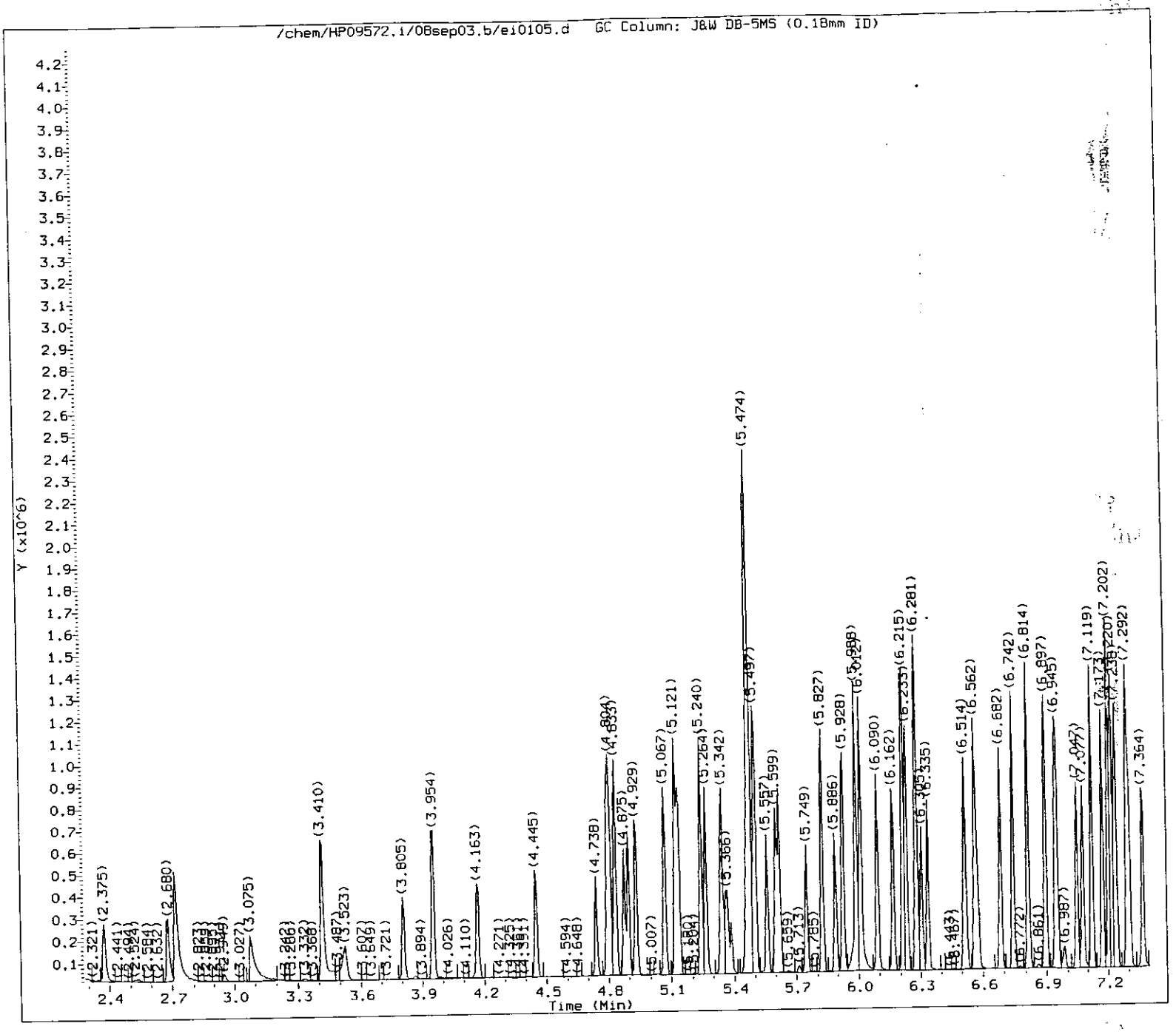
Compound Number	: 178
Compound Name	: Dibenz(a,h)acridine
Scan Number	: 1943
Retention Time (minutes)	: 13.903
Quant Ion	: 279
Area (flag)	: 174865 M
Concentration (ng/ul)	: 15.9850
Integration start scan	: 1937 Integration stop scan: 1948
Y at integration start	: 107 Y at integration end: 107

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

Analyst responsible for change: LMH 09/03/08

GC/MS audit/management approval: 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

Sublist used: all1

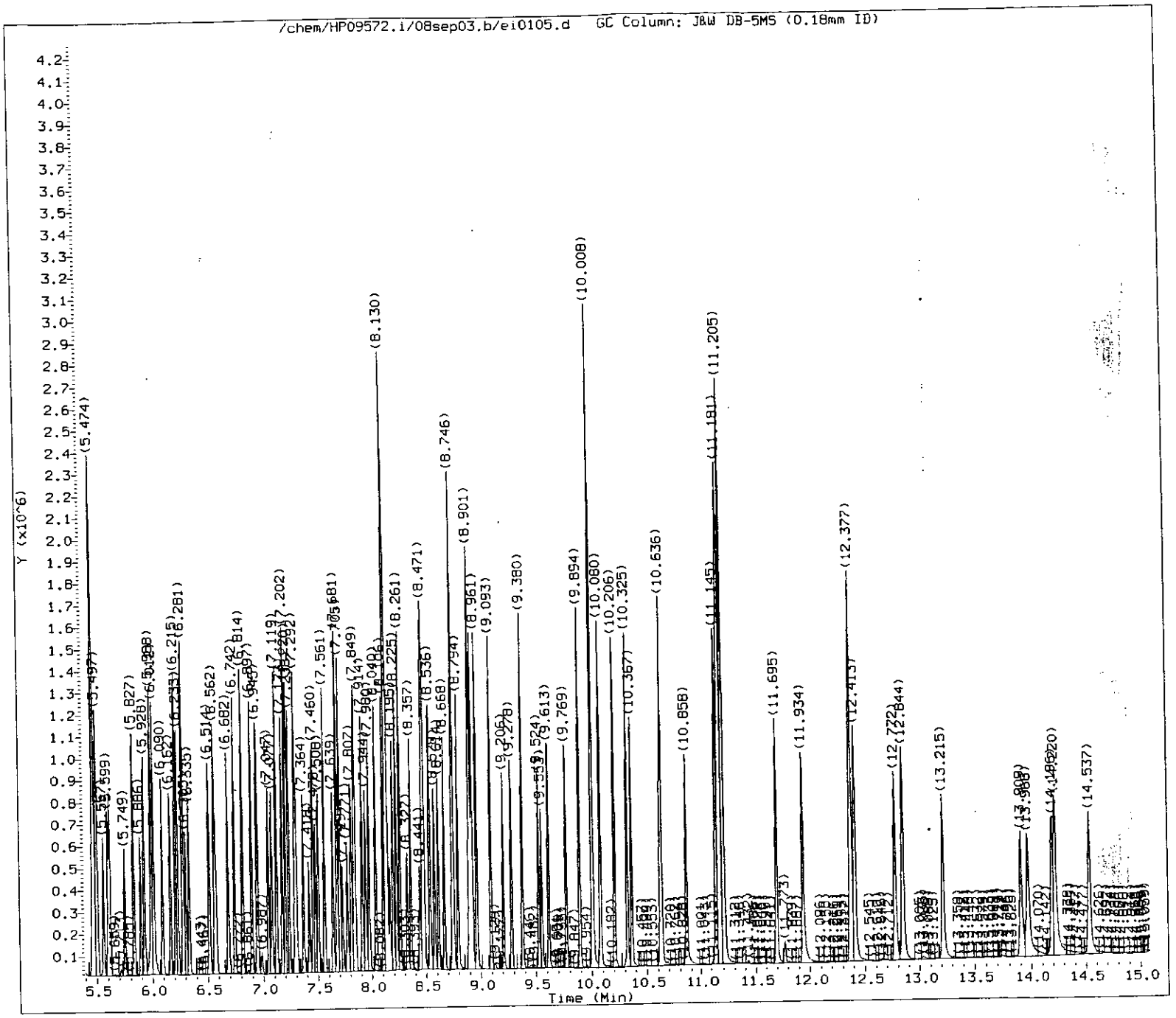
Date, time and analyst ID of latest file update: 03-Sep-2008 23:28 lmh00956

Sample Name: SSTD030

Lab Sample ID: STD2478

ASX05 0164

mm198 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

ASX05 8165

lmh195 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

Quant Report

Target Revision 3.5

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

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

aSX05 8157

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

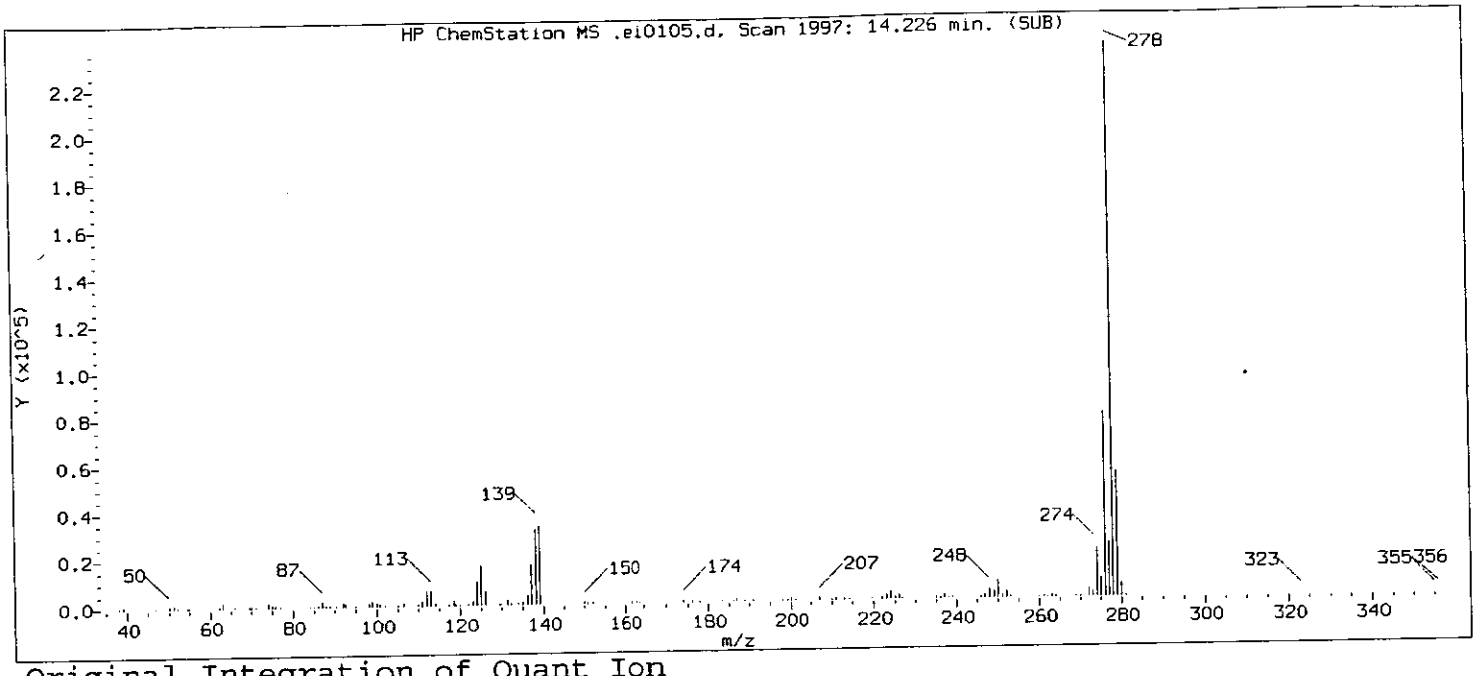
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.211	228	488082	30.3248
170) bis(2-Ethylhexyl)phthalate	(5)	11.205	149	304946	31.7519
171) Di-n-octylphthalate	(6)	11.934	149	499203	33.1103
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.371	256	258715	33.6842
173) Benzo(b)fluoranthene	(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.

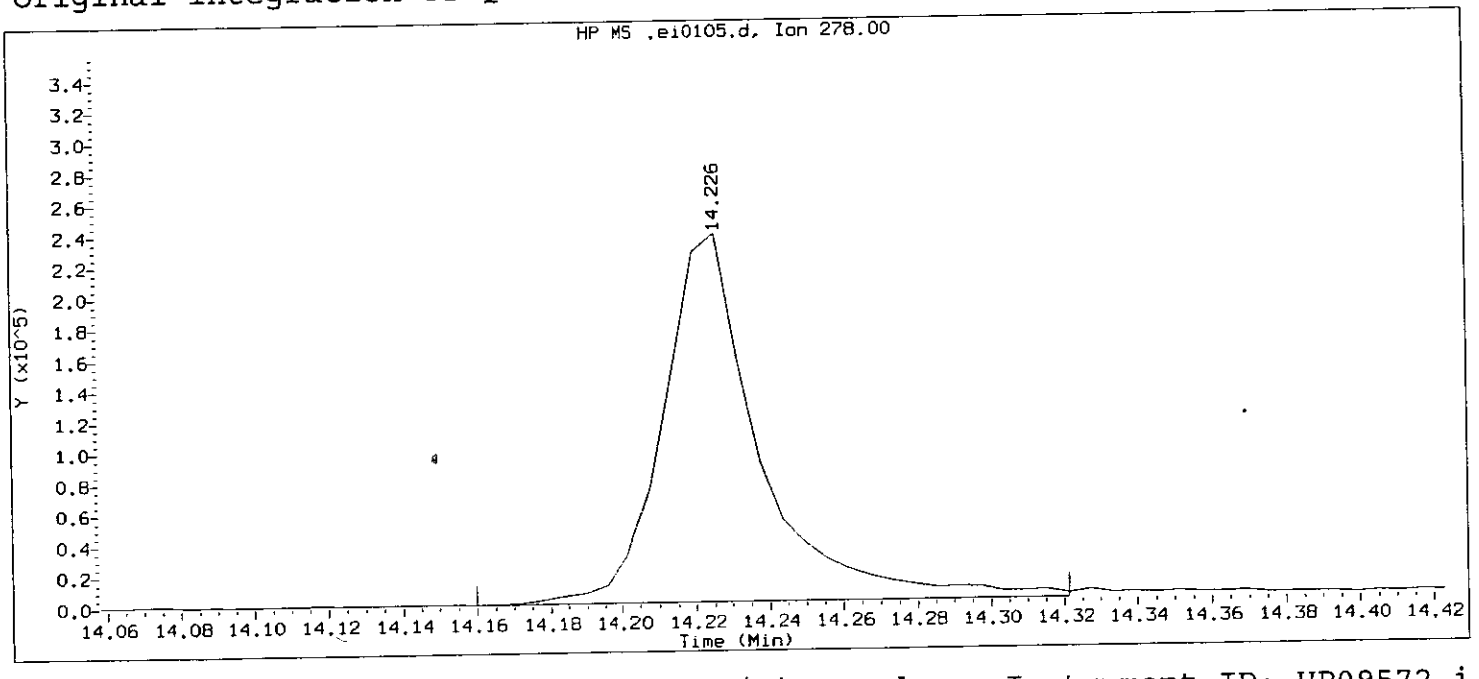
A = User selected an alternate hit

ASX05 0168

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

Sublist used: all1

Date, time and analyst ID of latest file update: 03-Sep-2008 21:47 Automation

Sample Name: SSTD030

Lab Sample ID: STD2478

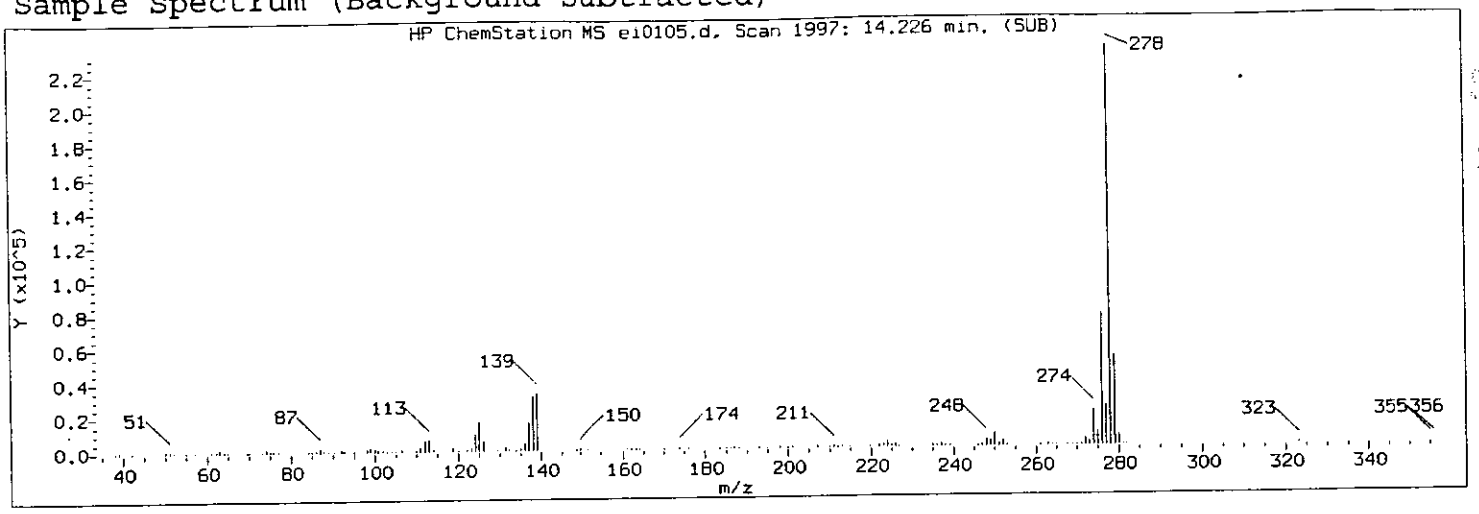
Compound Number : 181
Compound Name : Dibenz(a,h)anthracene
Scan Number : 1997
Retention Time (minutes): 14.226
Quant Ion : 278
Area : 433952
Concentration (ng/ul) : 43.4355
Integration start scan : 1985 Integration stop scan: 2012
Y at integration start : 0 Y at integration end: 71

lmh 09/03/08

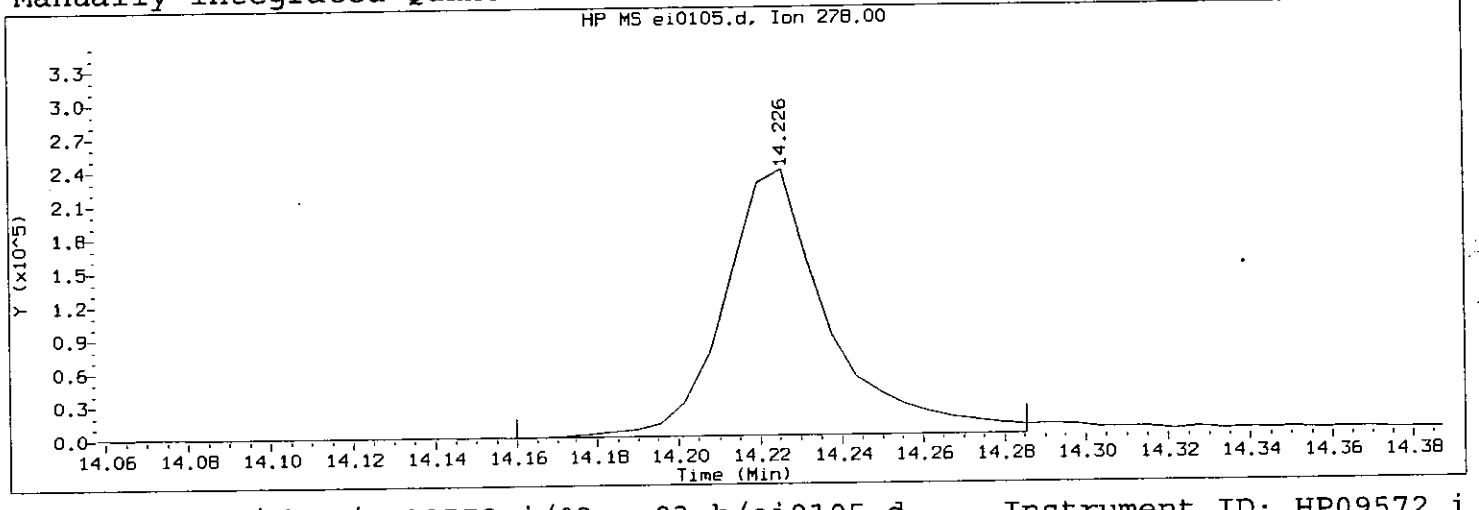
ASX05 0169

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

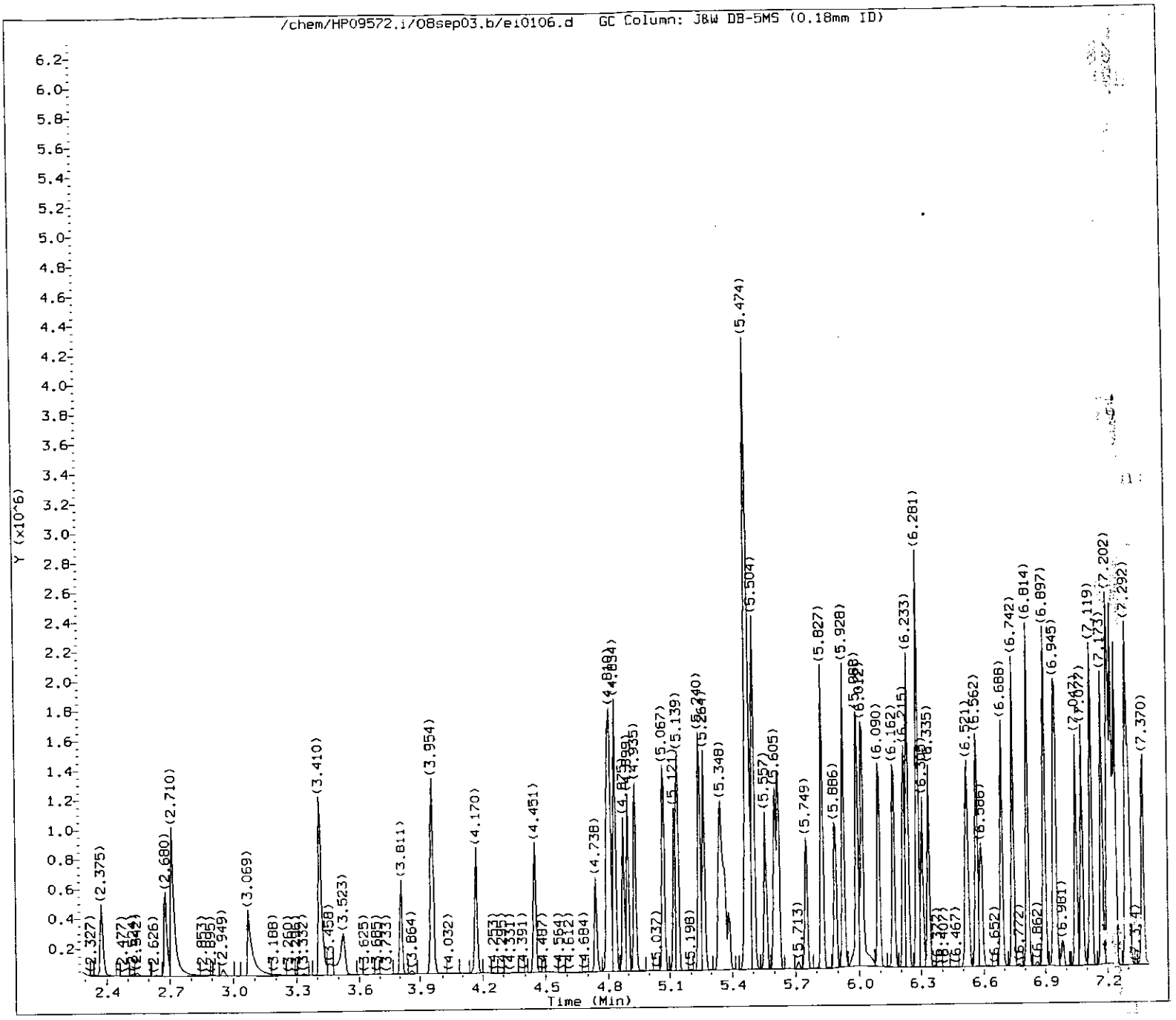
Sample Name: SSTD030 Lab Sample ID: STD2478

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: lmh198 09/03/08

GC/MS audit/management approval: [illegible] 09/15/08



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

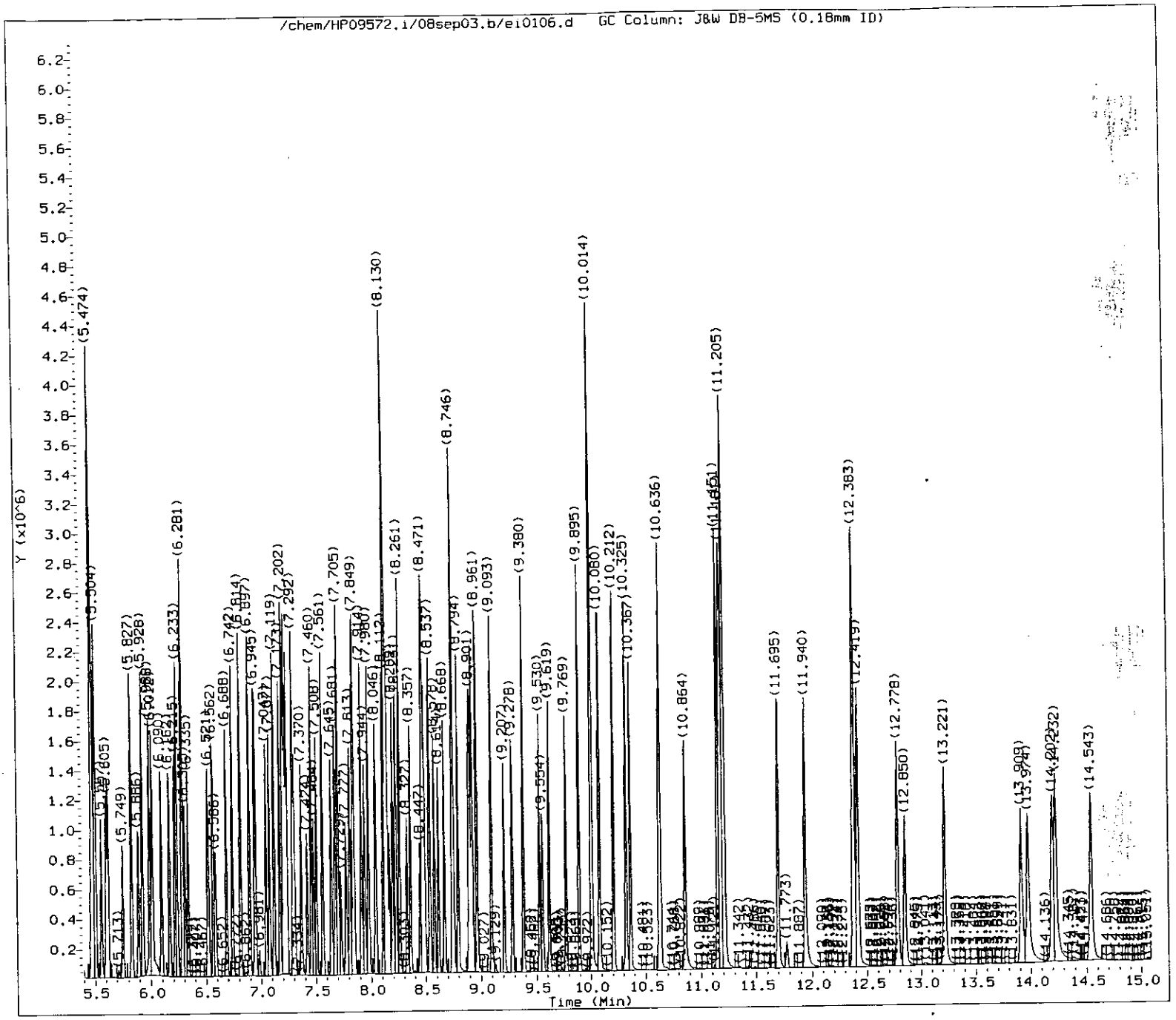
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD050

Lab Sample ID: STD2478

ASX05 0171

lmh198 09/03/08



Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 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: SSTD050 Lab Sample ID: STD2478

ASX05 0172

lmh198 09/03/08

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0106.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 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: 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

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

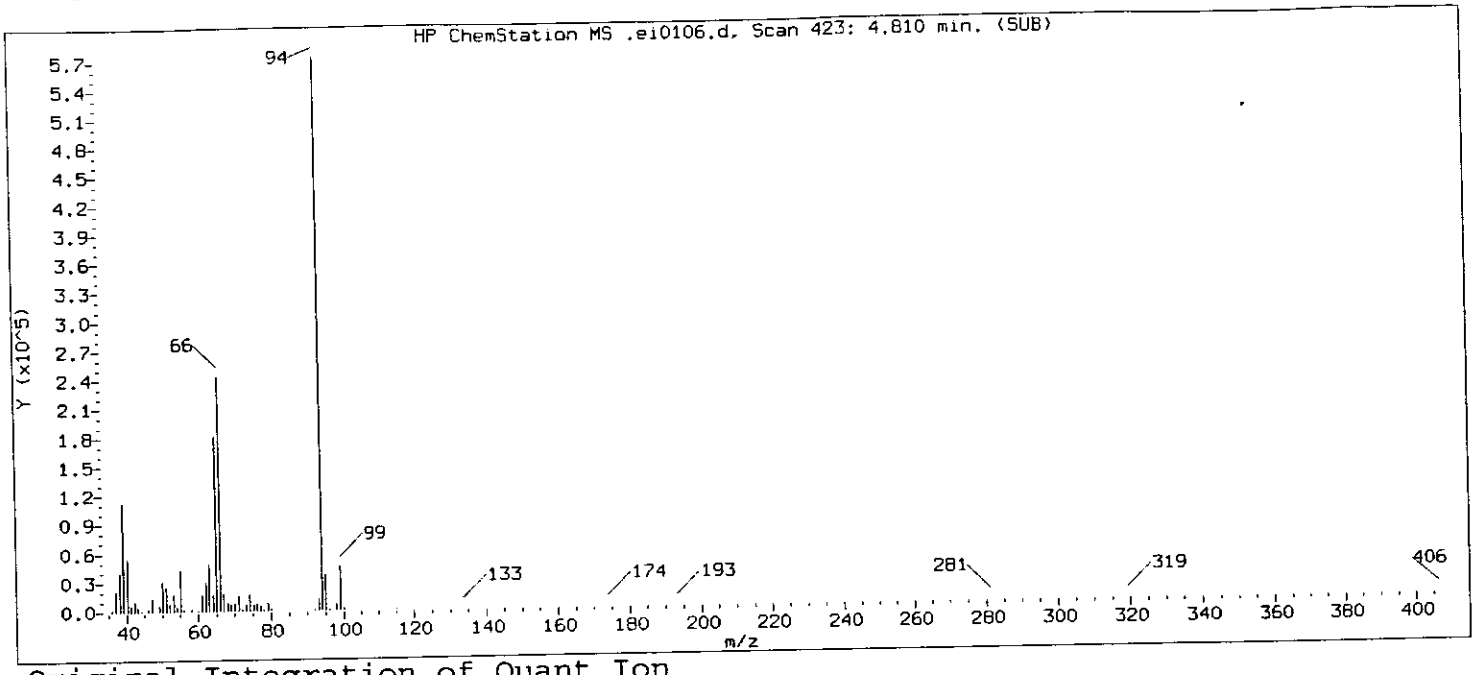
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.211	228	811935	50.8757
170) bis(2-Ethylhexyl)phthalate	(5)	11.205	149	524122	53.9160
171) Di-n-octylphthalate	(6)	11.940	149	902531	56.6195
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.377	256	452861	56.0068
173) Benzo(b)fluoranthene	(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.

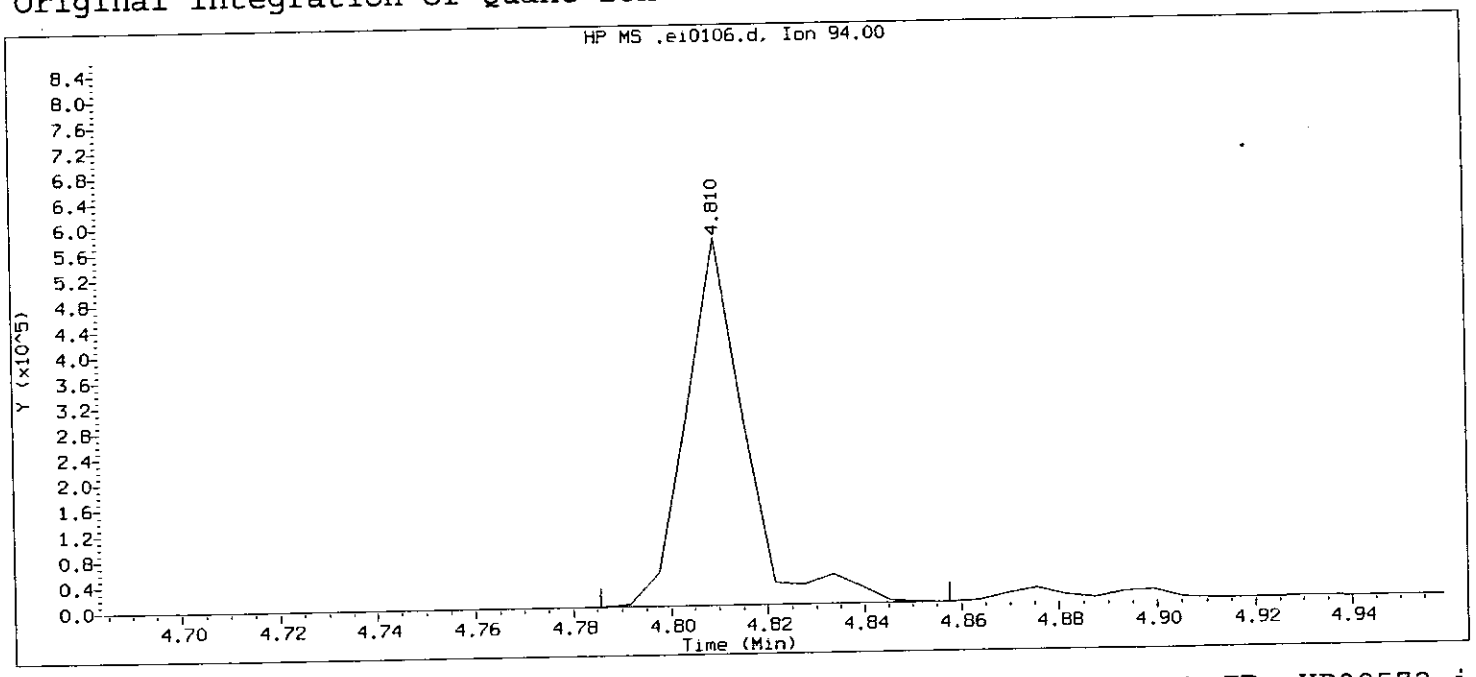
A = User selected an alternate hit

aSX85 0175

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:10
Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sample Name: SSTD050 Lab Sample ID: STD2478

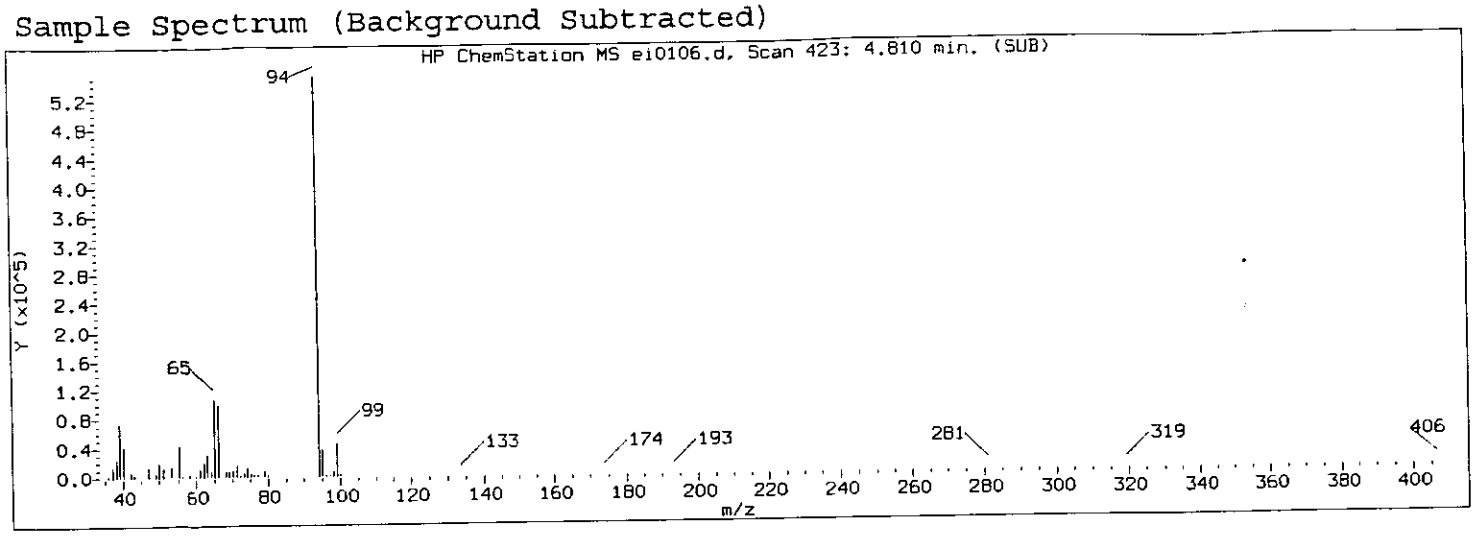
Compound Number	: 16
Compound Name	: Phenol
Scan Number	: 423
Retention Time (minutes)	: 4.810
Quant Ion	: 94
Area	: 483914
Concentration (ng/ul)	: 56.4264
Integration start scan	: 418 Integration stop scan: 430
Y at integration start	: 0 Y at integration end: 76

lmh 09/03/08

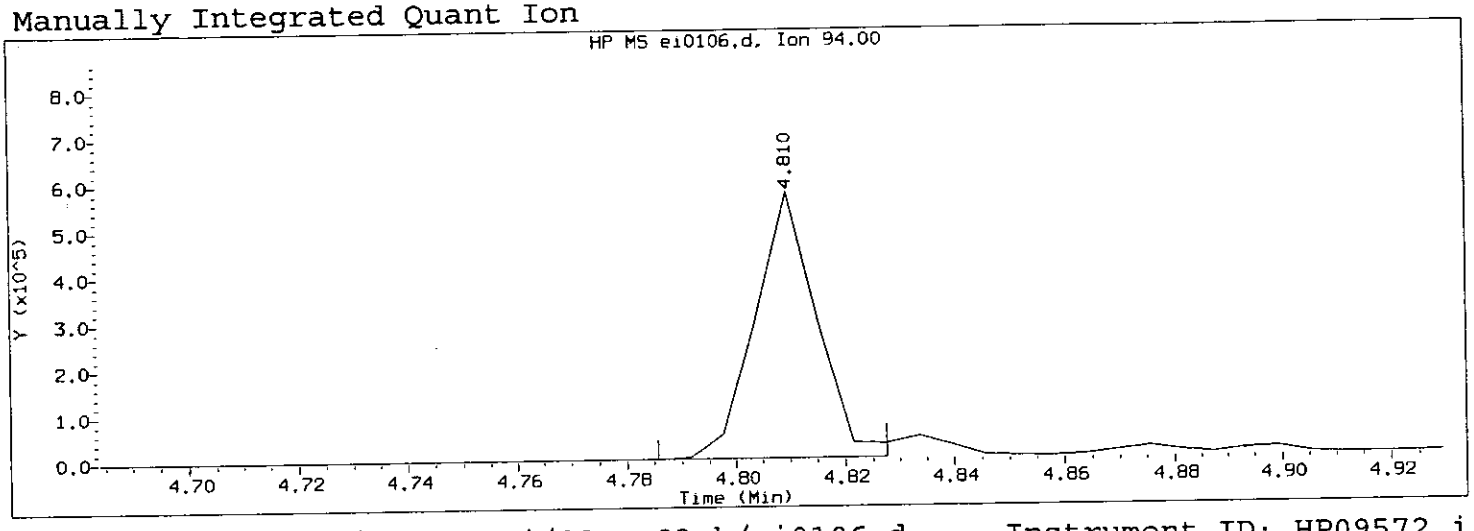
83X05 8176

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 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: SSTD050 Lab Sample ID: STD2478

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 Integration stop scan: 425
Y at integration start : 0 Y at integration end: 44

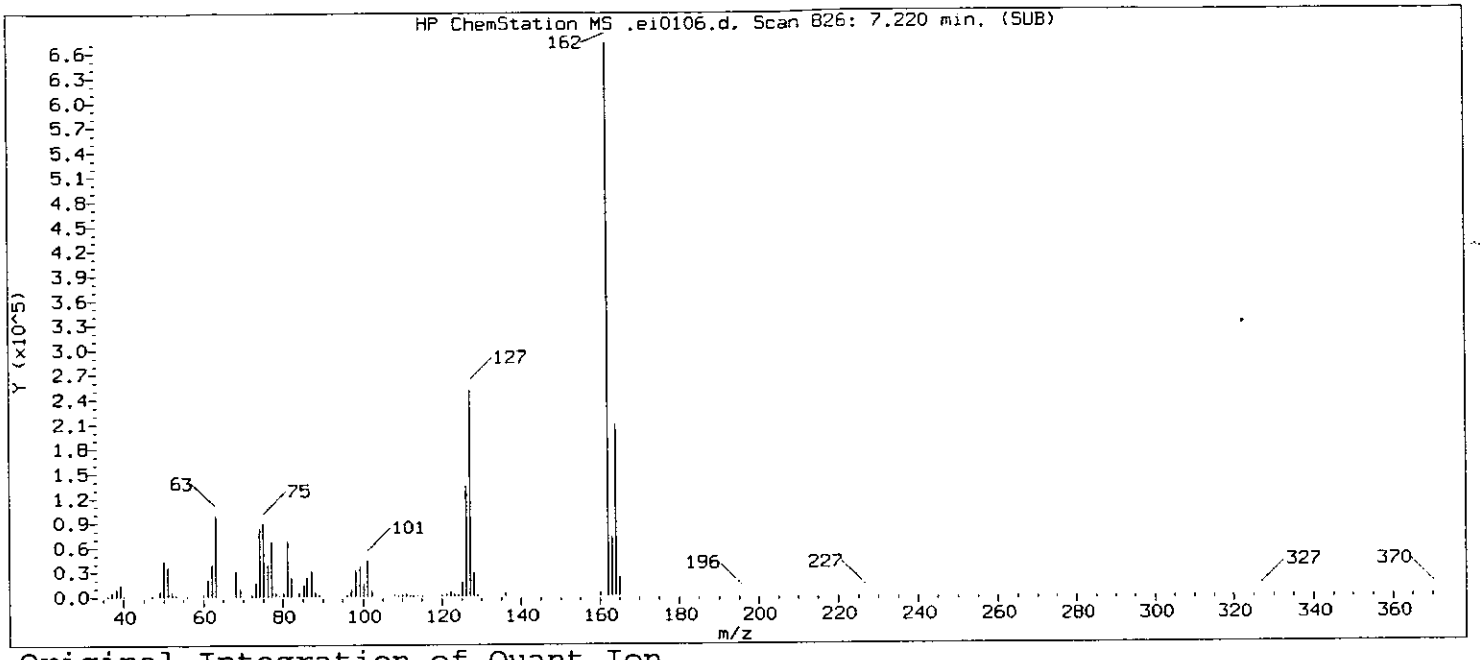
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/03/08

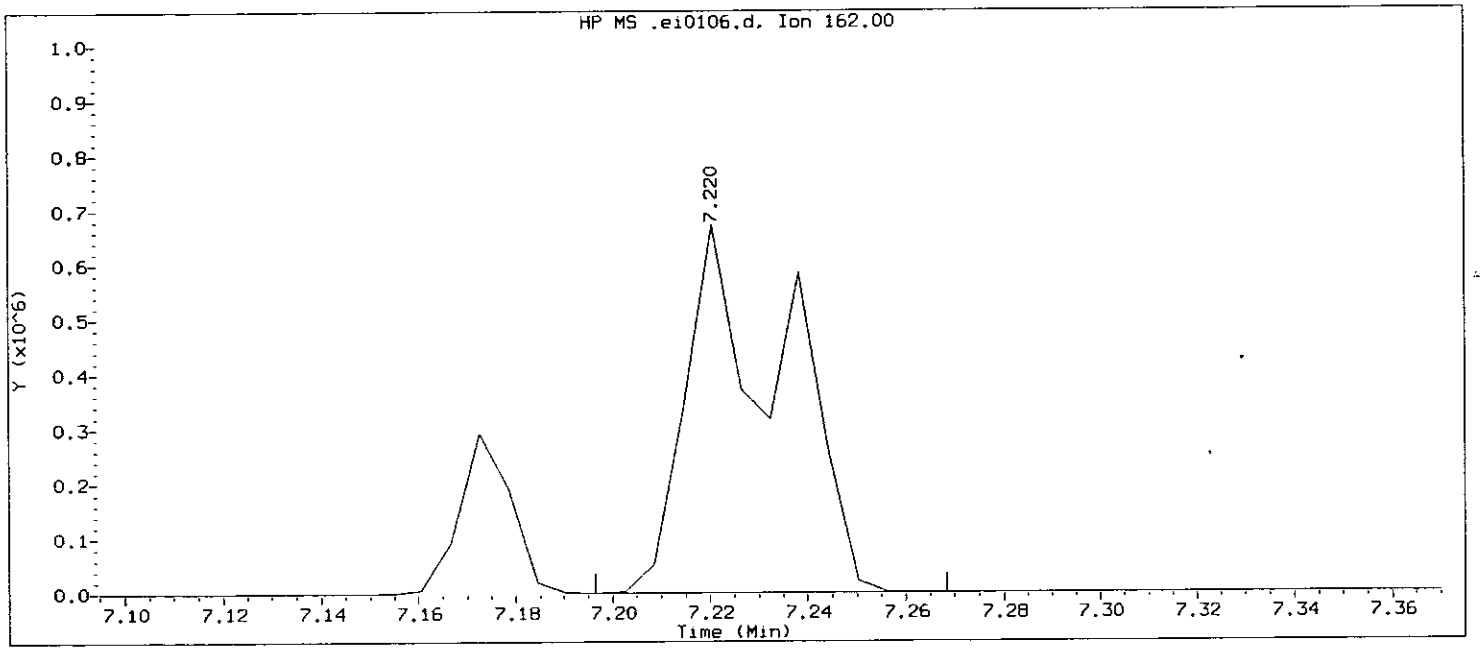
GC/MS audit/management approval: [illegible] 9/4/08

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:10
Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sample Name: SSTD050 Lab Sample ID: STD2478

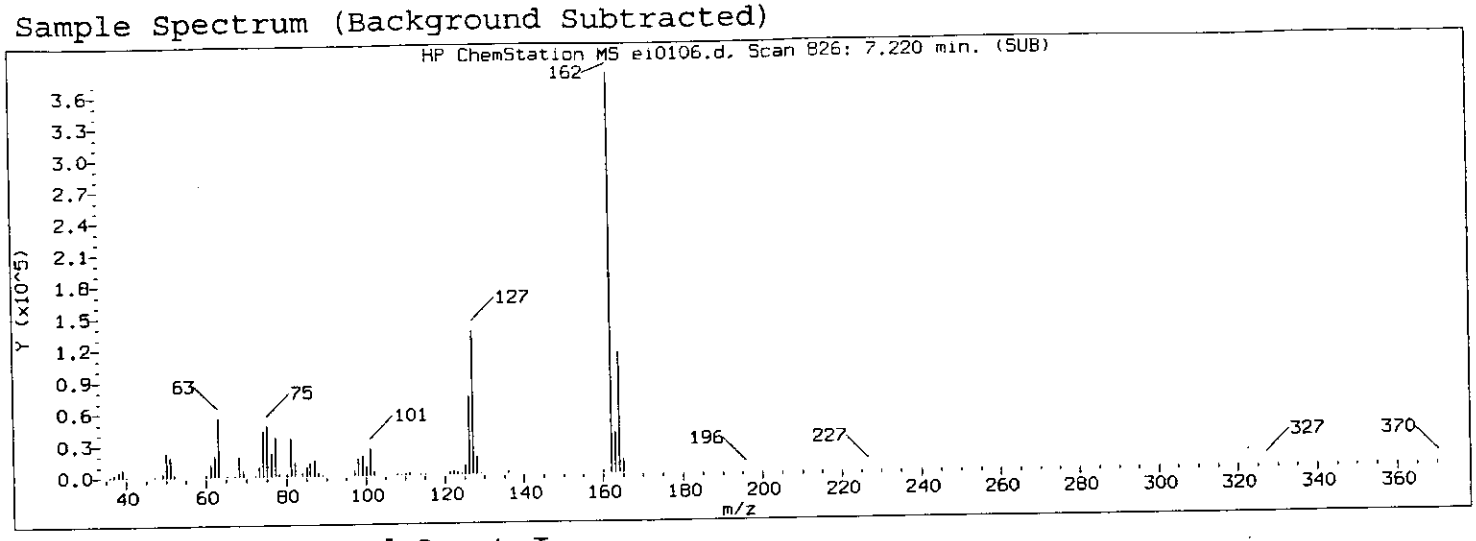
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.220
Quant Ion : 162
Area : 937334
Concentration (ng/ul) : 77.4983
Integration start scan : 821 Integration stop scan: 833
Y at integration start : 166 Y at integration end: 164

LMH198 09/03/08

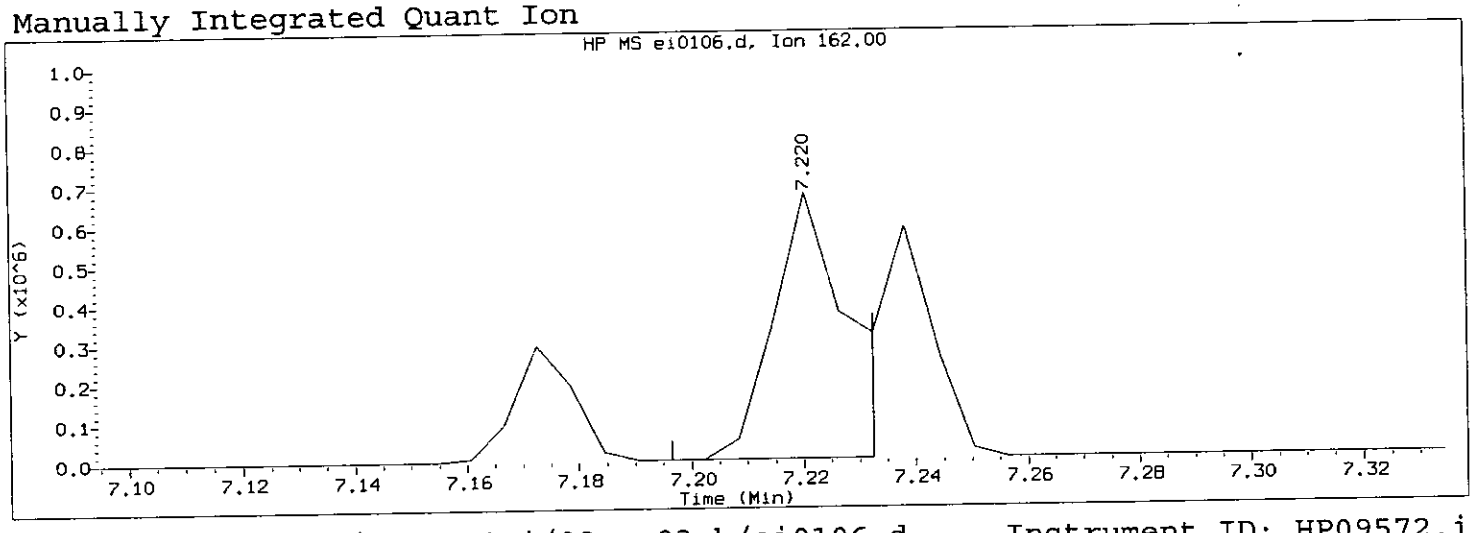
ASX85 0170

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 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: SSTD050 Lab Sample ID: STD2478

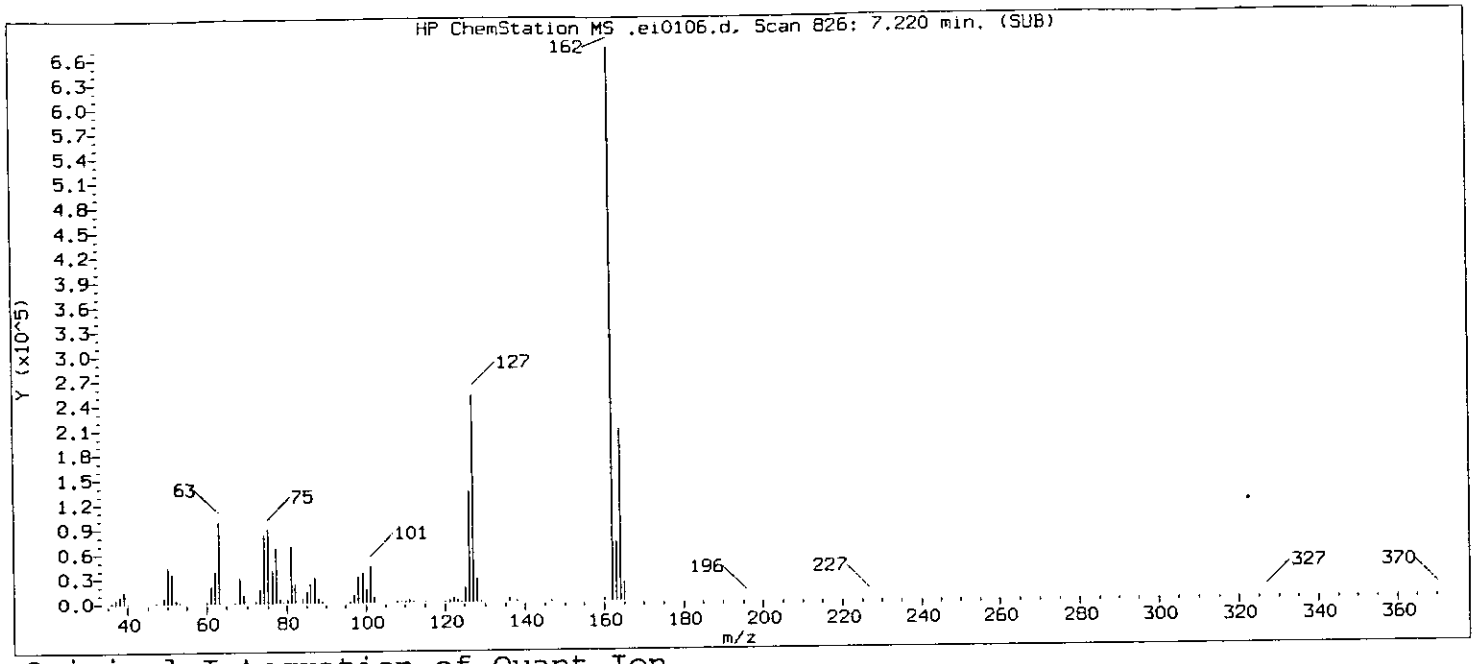
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.220
Quant Ion : 162
Area (flag) : 626735 M
Concentration (ng/ul) : 59.4519
Integration start scan : 821 Integration stop scan: 827
Y at integration start : 166 Y at integration end: 166

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

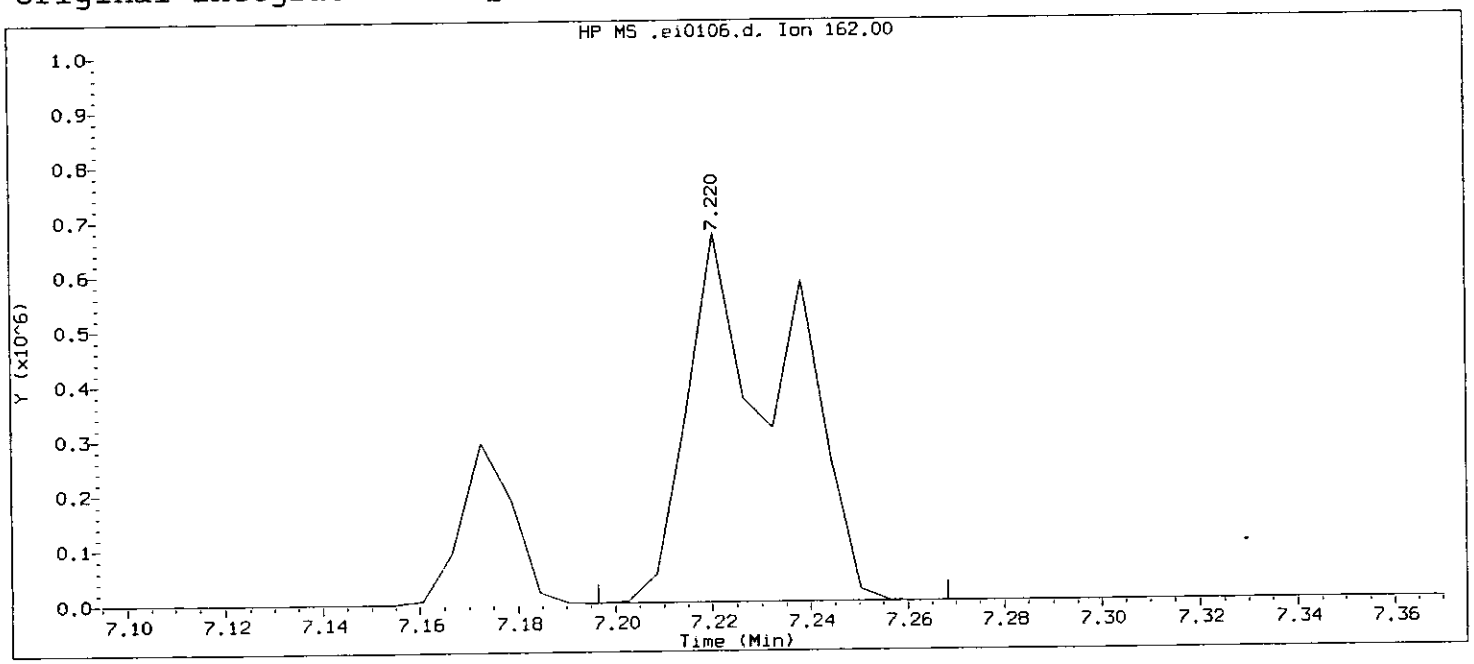
Analyst responsible for change: lmh956 09/03/08

GC/MS audit/management approval: [illegible] 9/5/08

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0106.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:10
Date, time and analyst ID of latest file update: 03-Sep-2008 22:11 Automation

Sample Name: SSTD050 Lab Sample ID: STD2478

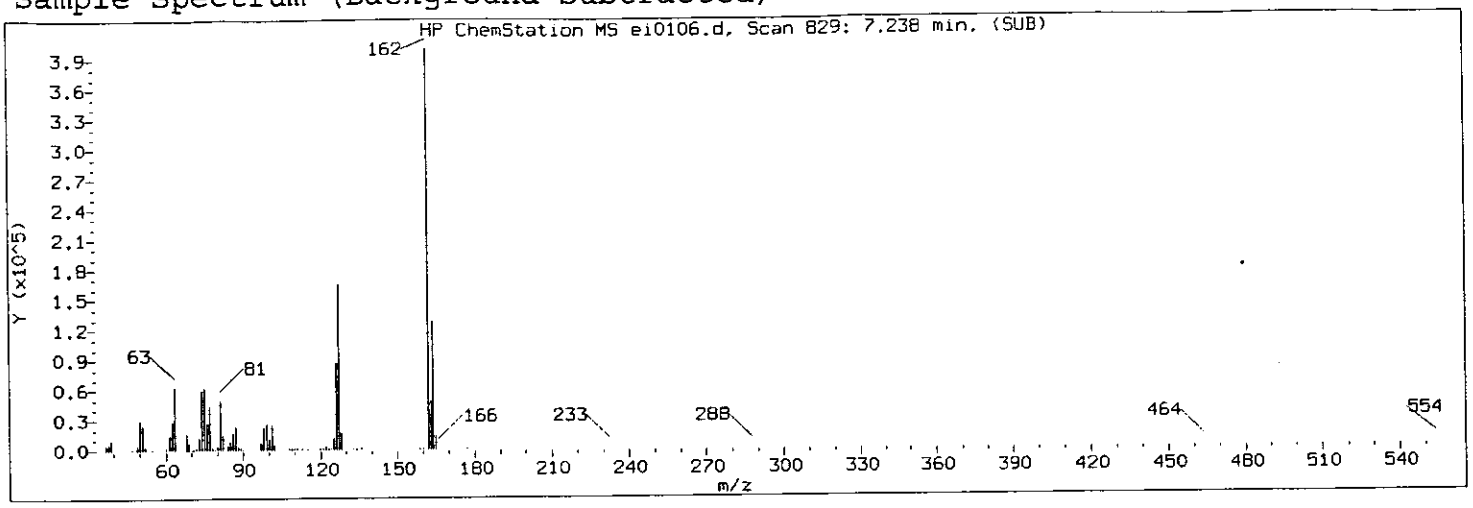
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.220
Quant Ion : 162
Area : 937333
Concentration (ng/ul) : 84.0773
Integration start scan : 821 Integration stop scan: 833
Y at integration start : 166 Y at integration end: 164

LMM198 09/03/08

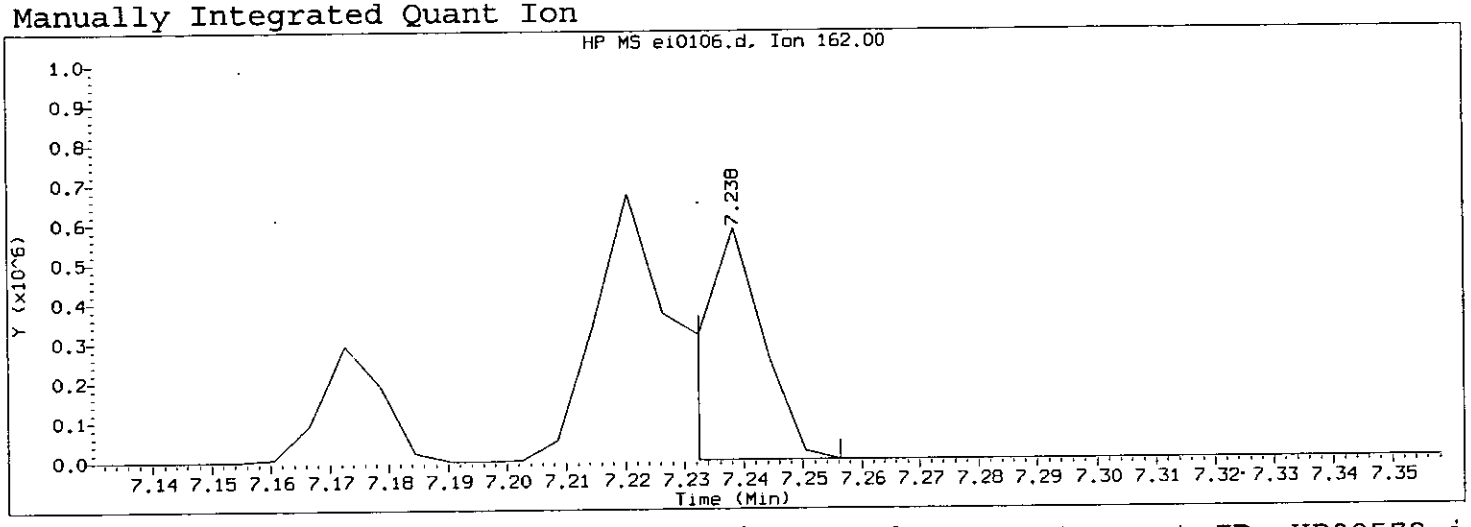
ASX05 0100

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 21:53 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

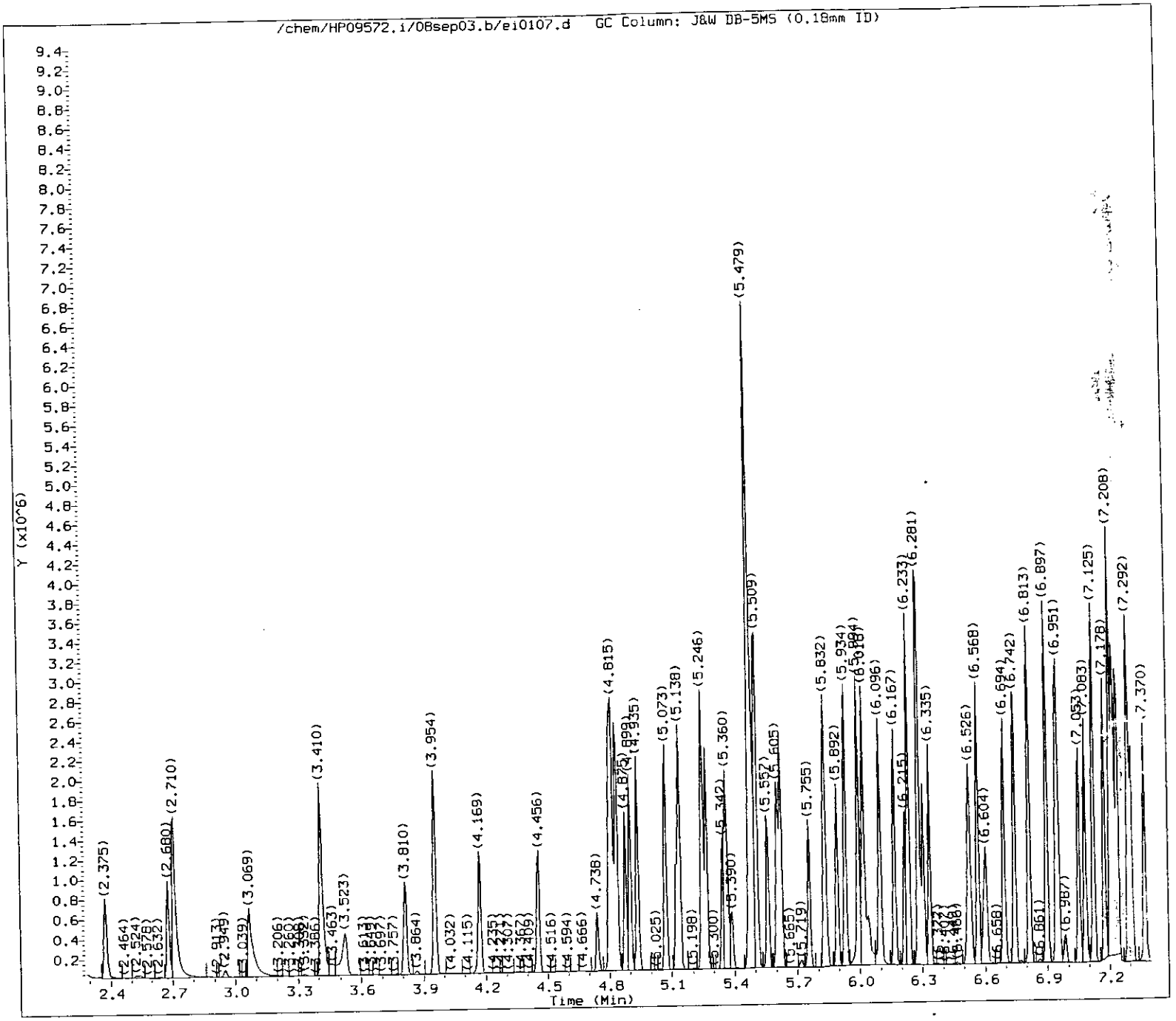
Sample Name: SSTD050 Lab Sample ID: STD2478

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 integration

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

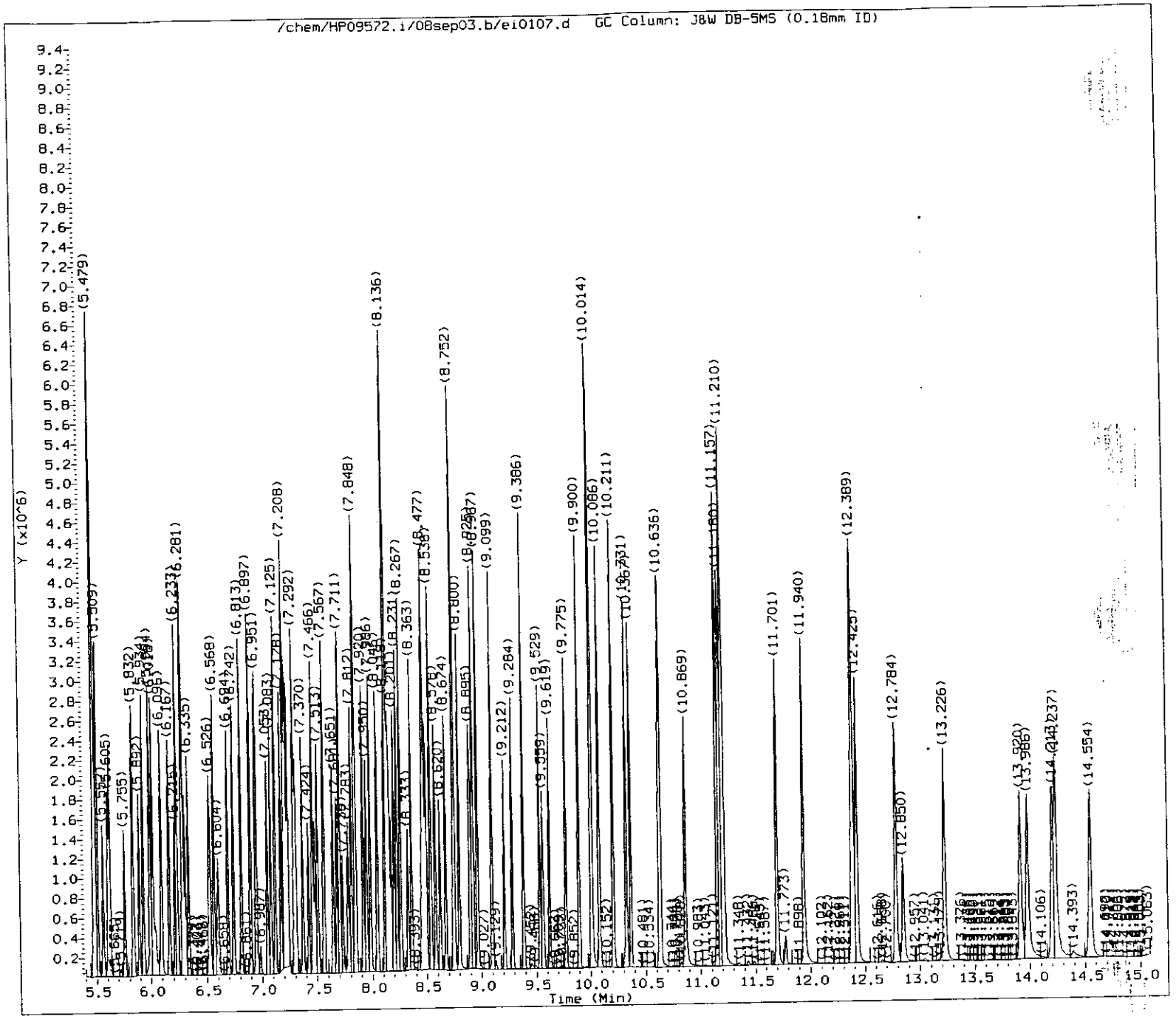
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080

Lab Sample ID: STD2478

ASX85 5102

lmh956 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

ASX05 0183

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

Quant Report

Target Revision 3.5

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

	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	81.0262
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

Quant Report

Target Revision 3.5

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

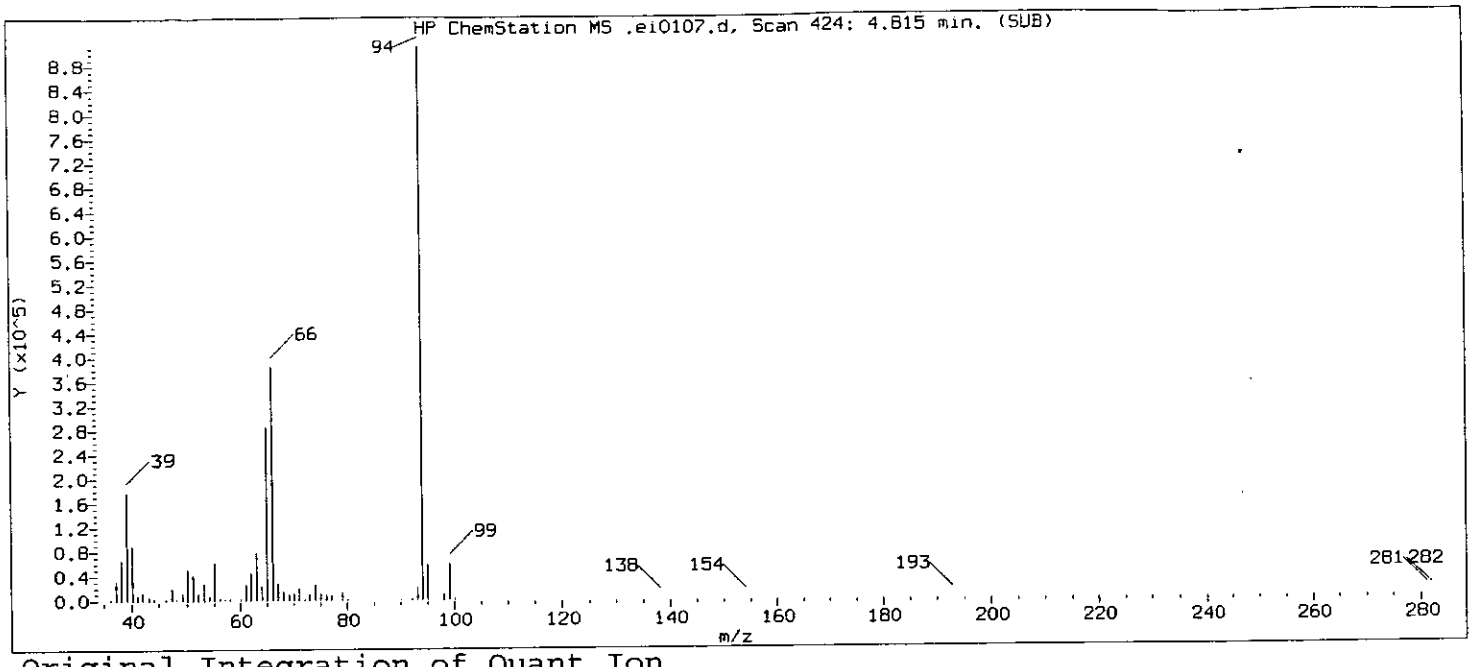
Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 23:29
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD080 Lab Sample ID: STD2478

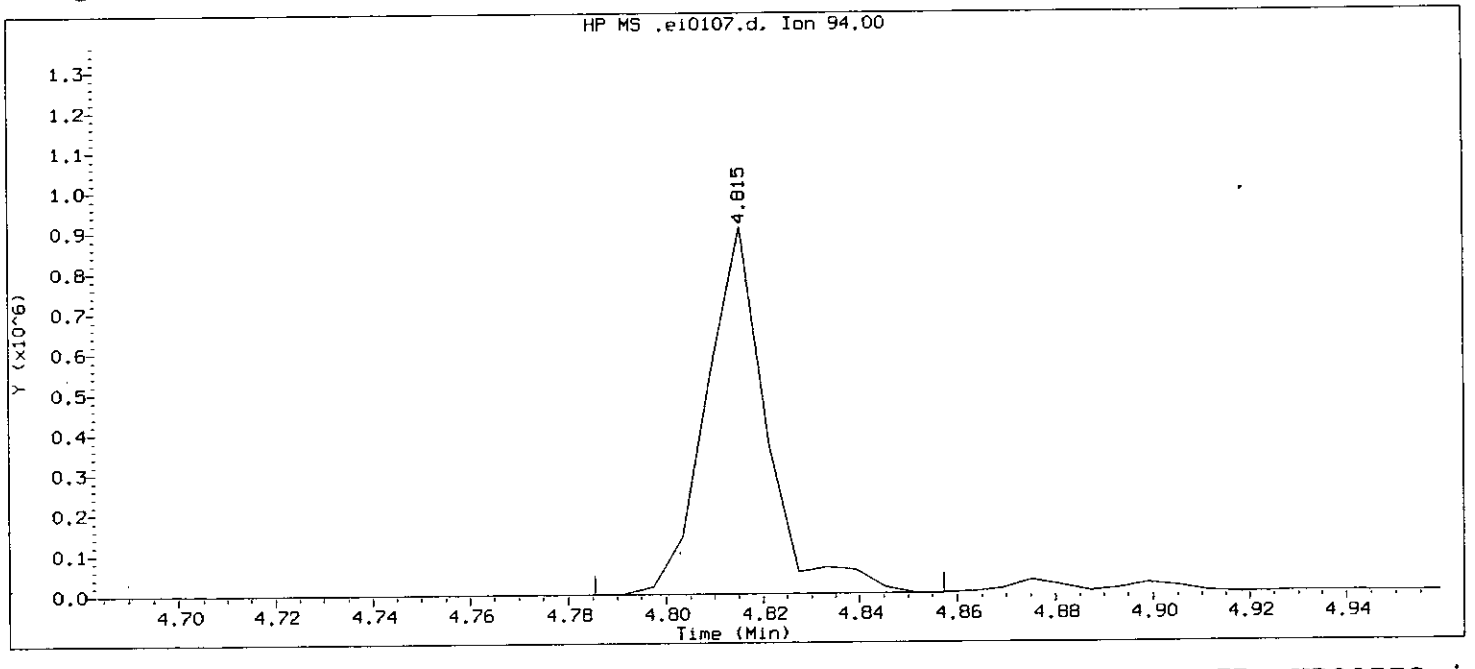
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.216	228	1283778	80.7330
170) bis(2-Ethylhexyl)phthalate	(5)	11.204	149	846560	85.9676
171) Di-n-octylphthalate	(6)	11.940	149	1539559	92.6057
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.389	256	737947	88.6360
173) Benzo(b)fluoranthene	(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 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 22:34
Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080 Lab Sample ID: STD2478

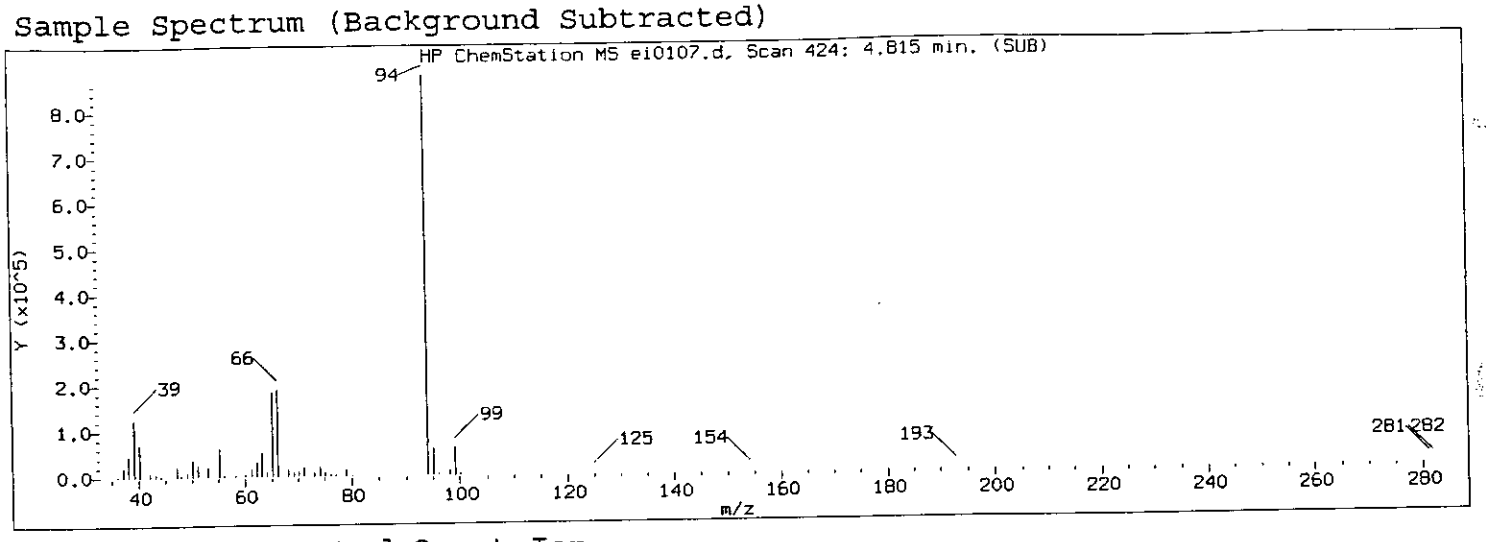
Compound Number : 16
Compound Name : Phenol
Scan Number : 424
Retention Time (minutes): 4.815
Quant Ion : 94
Area : 786239
Concentration (ng/ul) : 88.7142
Integration start scan : 418 Integration stop scan: 430
Y at integration start : 0 Y at integration end: 0

LMH195 09/03/08

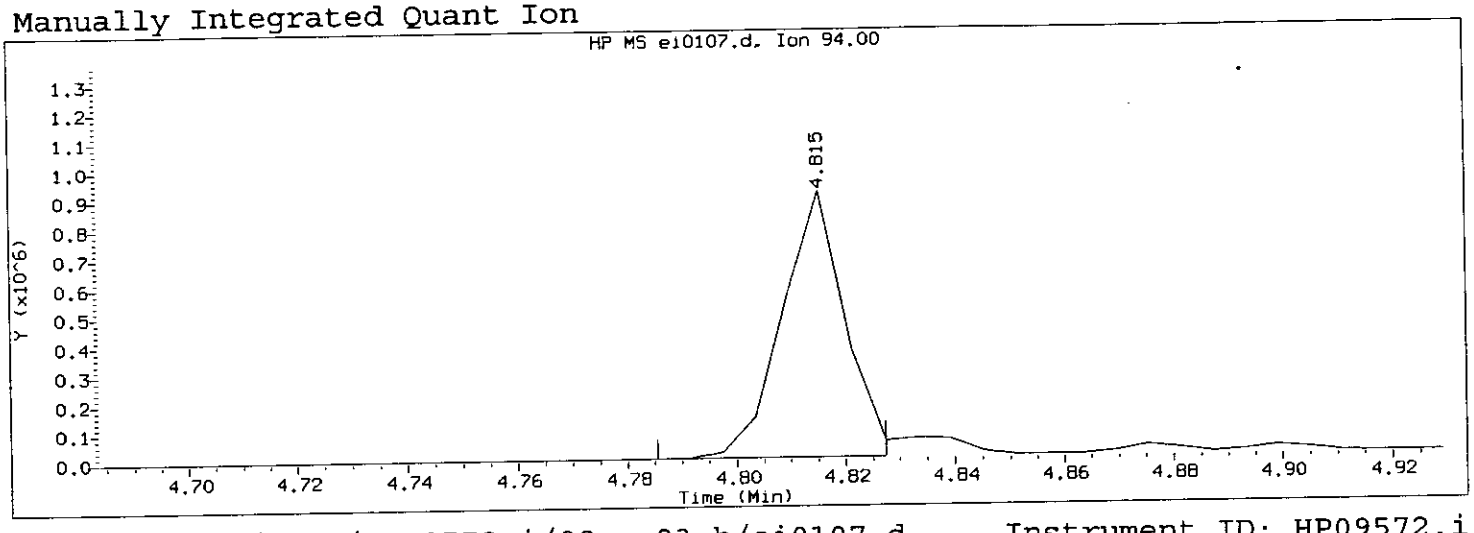
ASX05 0187

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 : 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

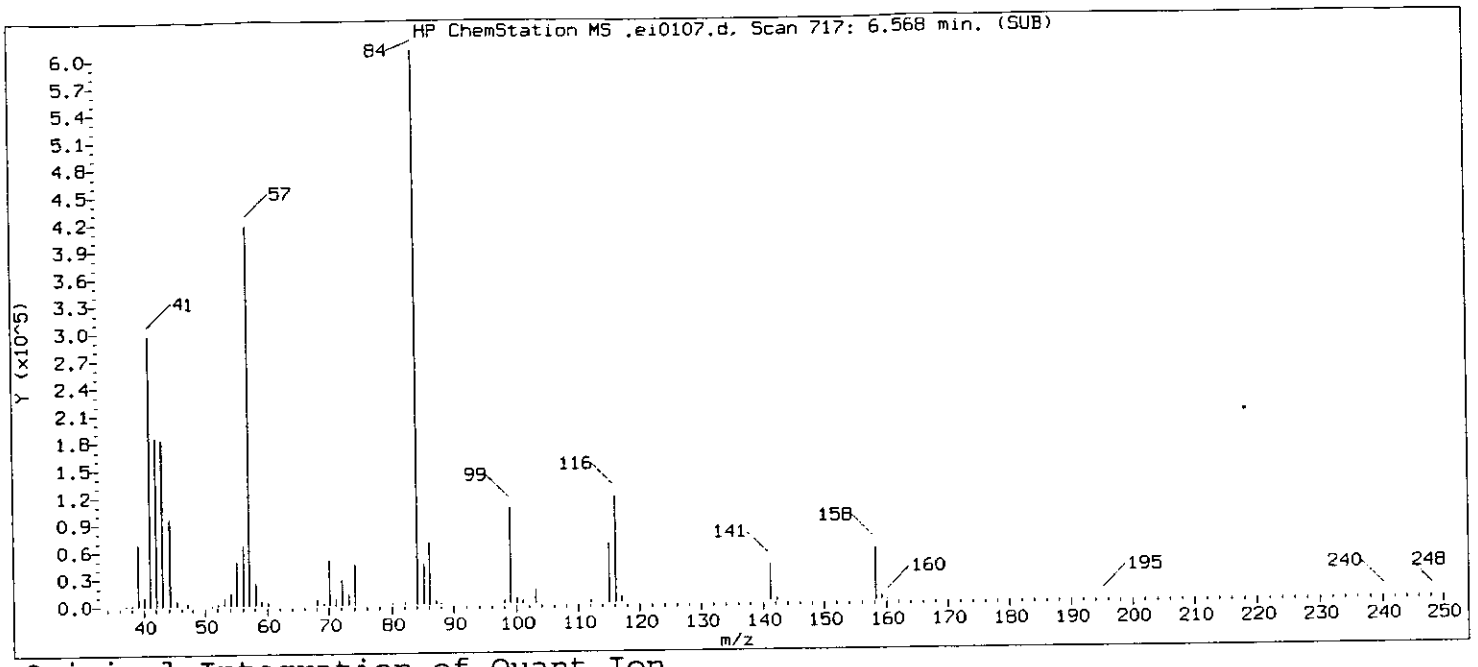
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh195 09/03/08

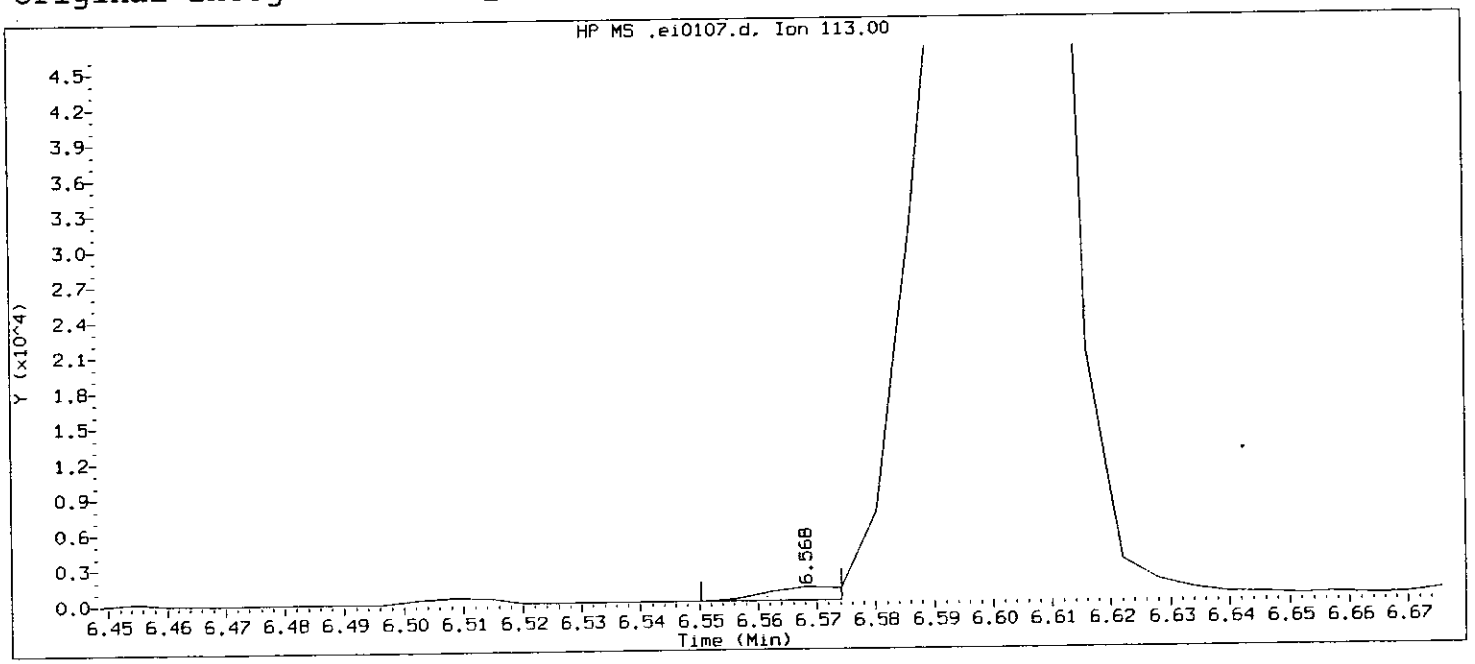
GC/MS audit/management approval: [illegible] 9/5/08

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 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 22:34
Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080 Lab Sample ID: STD2478

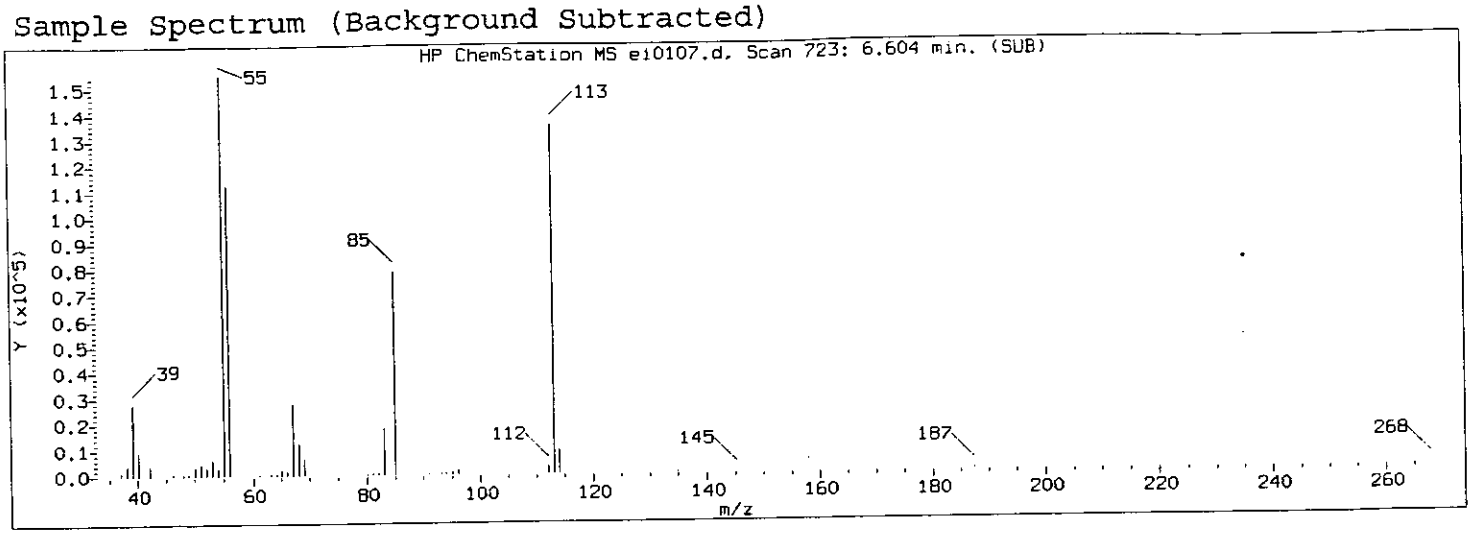
Compound Number : 63
Compound Name : Caprolactam
Scan Number : 717
Retention Time (minutes): 6.568
Quant Ion : 113
Area : 915
Concentration (ng/ul) : 0.5675
Integration start scan : 713 Integration stop scan: 717
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

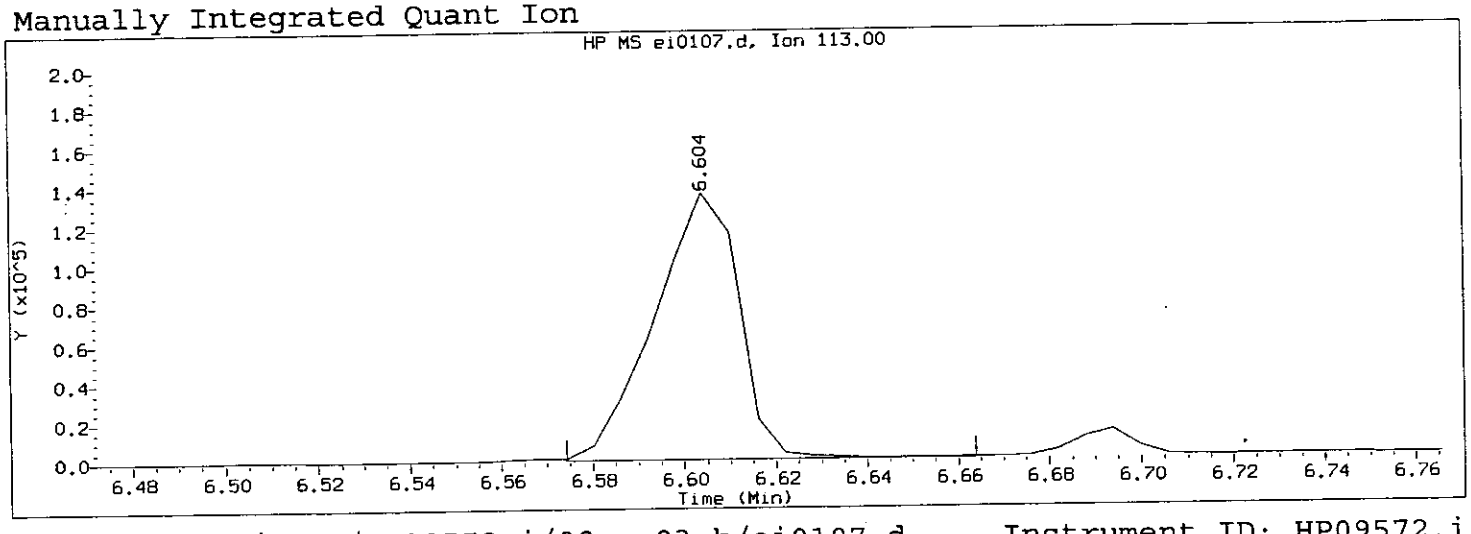
GSX05 0109

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

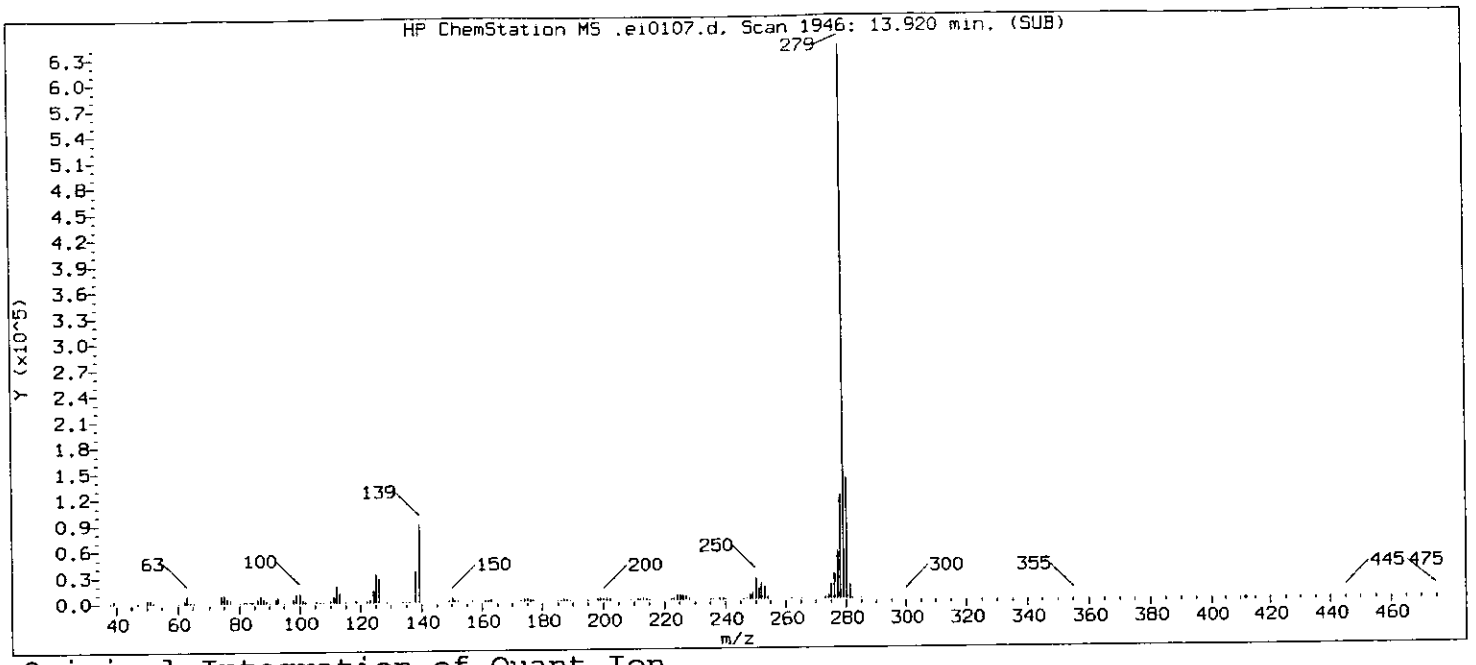
Compound Number : 63
Compound Name : Caprolactam
Scan Number : 723
Retention Time (minutes): 6.604
Quant Ion : 113
Area (flag) : 173596A
Concentration (ng/ul) : 84.9108
Integration start scan : 717 Integration stop scan: 732
Y at integration start : 0 Y at integration end: 0

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

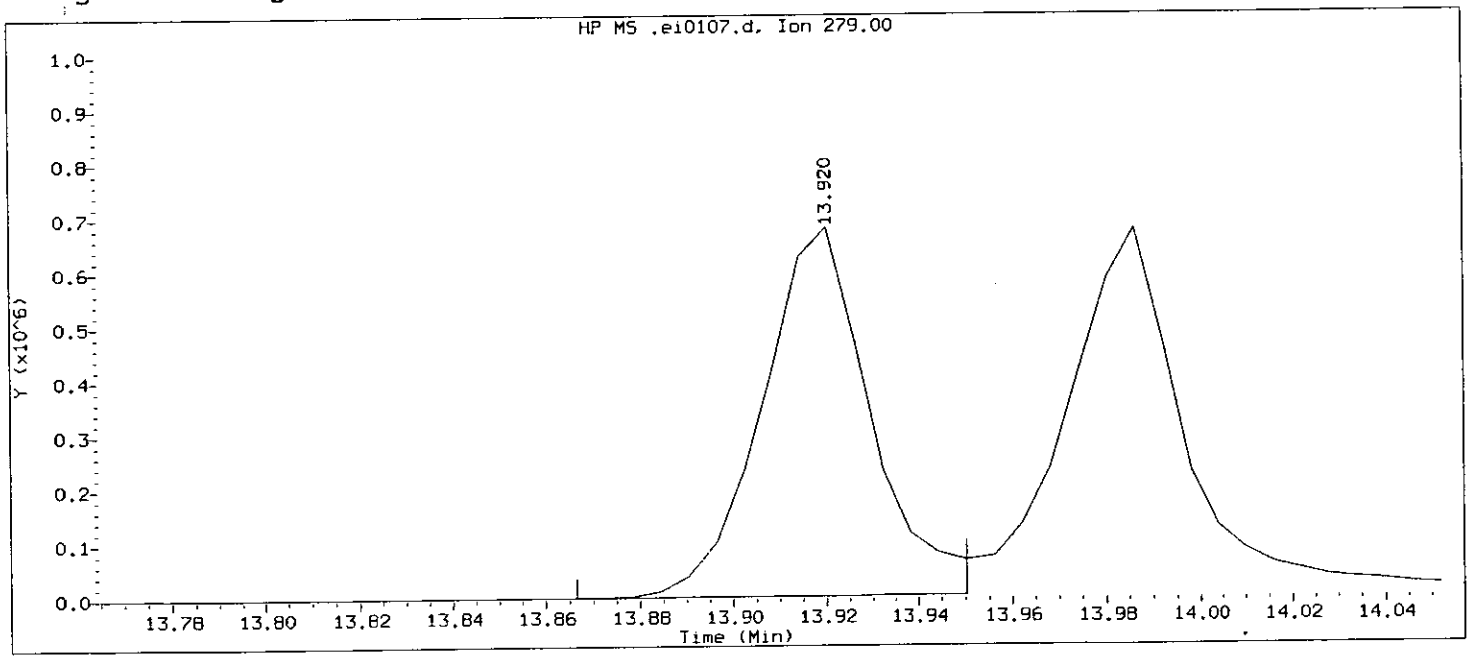
Analyst responsible for change: lmh198 09/03/08

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 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 22:34
Date, time and analyst ID of latest file update: 03-Sep-2008 22:34 Automation

Sample Name: SSTD080 Lab Sample ID: STD2478

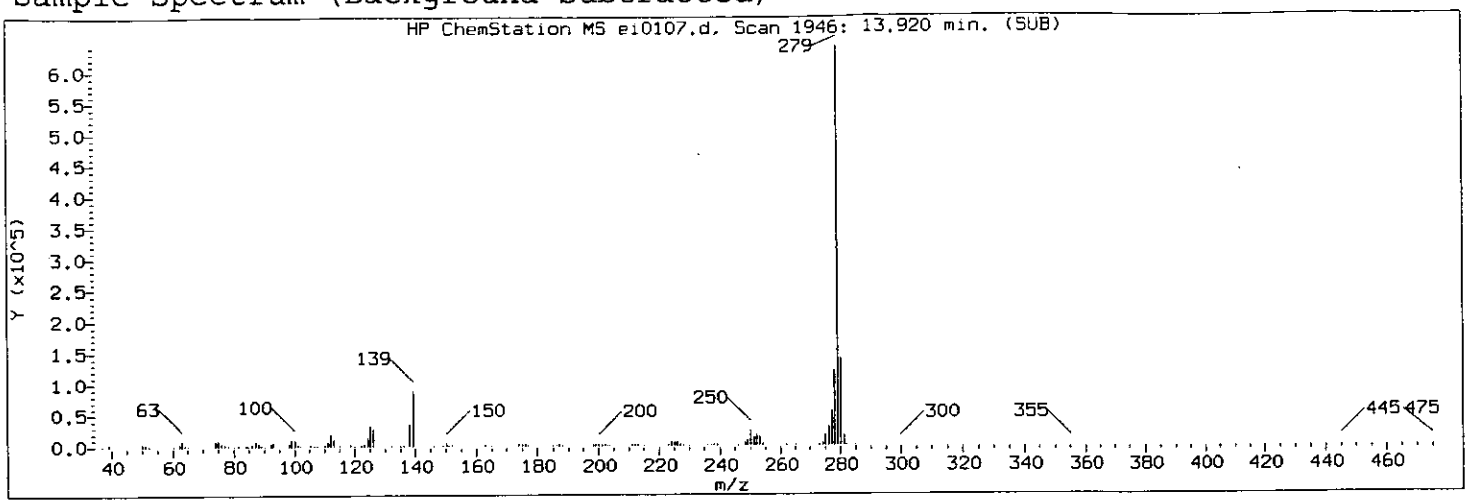
Compound Number : 178
Compound Name : Dibenz(a,h)acridine
Scan Number : 1946
Retention Time (minutes): 13.920
Quant Ion : 279
Area : 1080569
Concentration (ng/ul) : 93.0729
Integration start scan : 1936 Integration stop scan: 1950
Y at integration start : 0 Y at integration end: 2902

lmh195 09/03/08

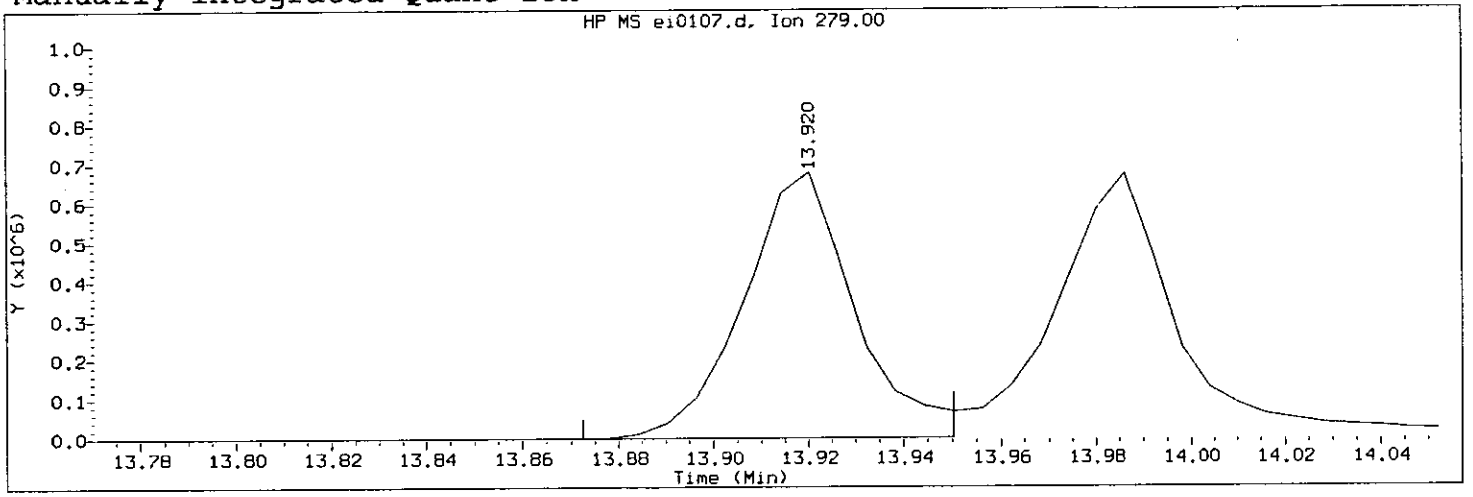
ASX85 0191

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 : 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 Integration stop scan: 1950
Y at integration start : 325 Y at integration end: 325

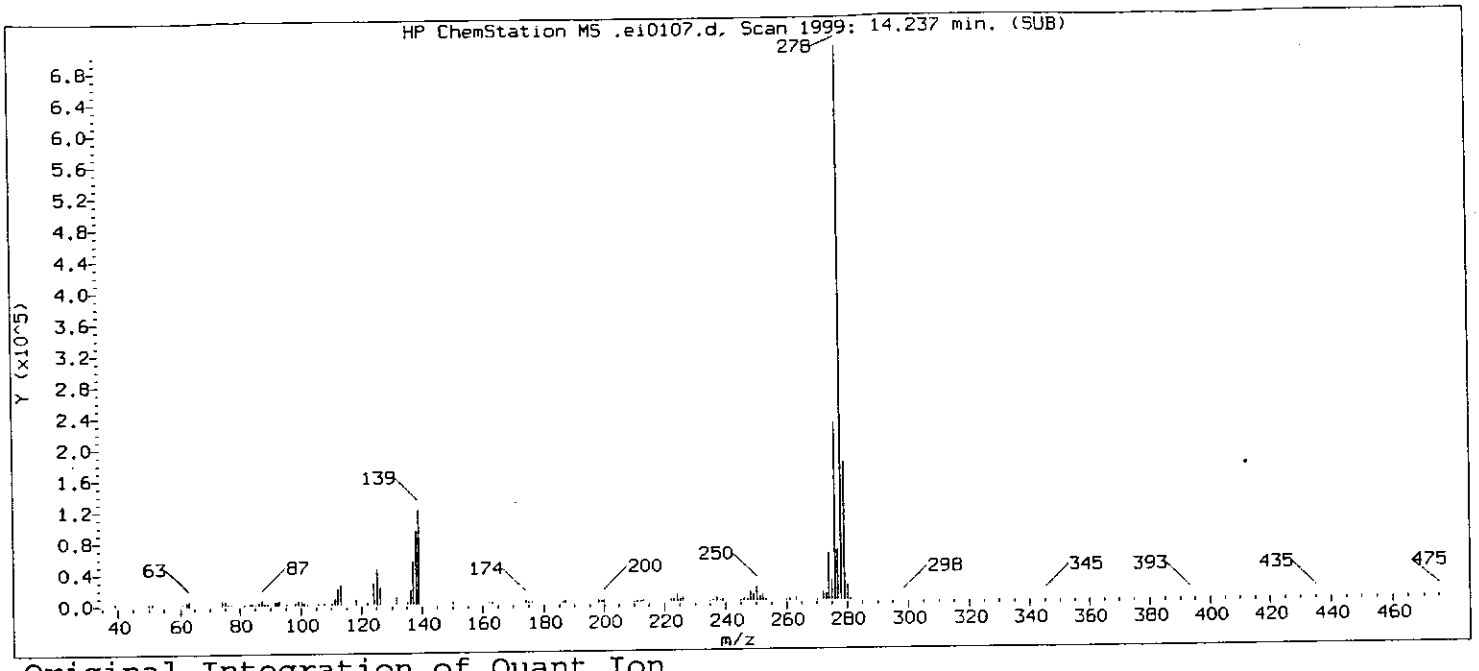
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198 09/03/08

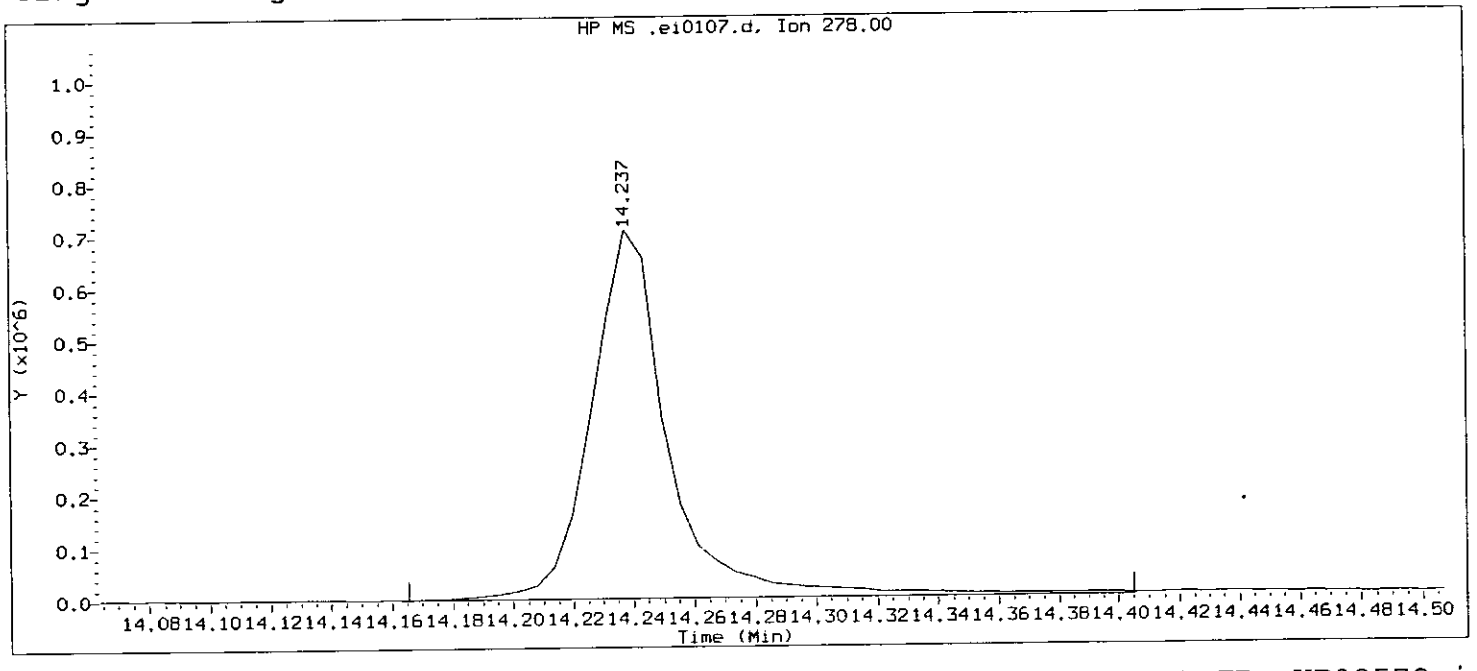
GC/MS audit/management approval: BBwpor 9/5/08

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
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

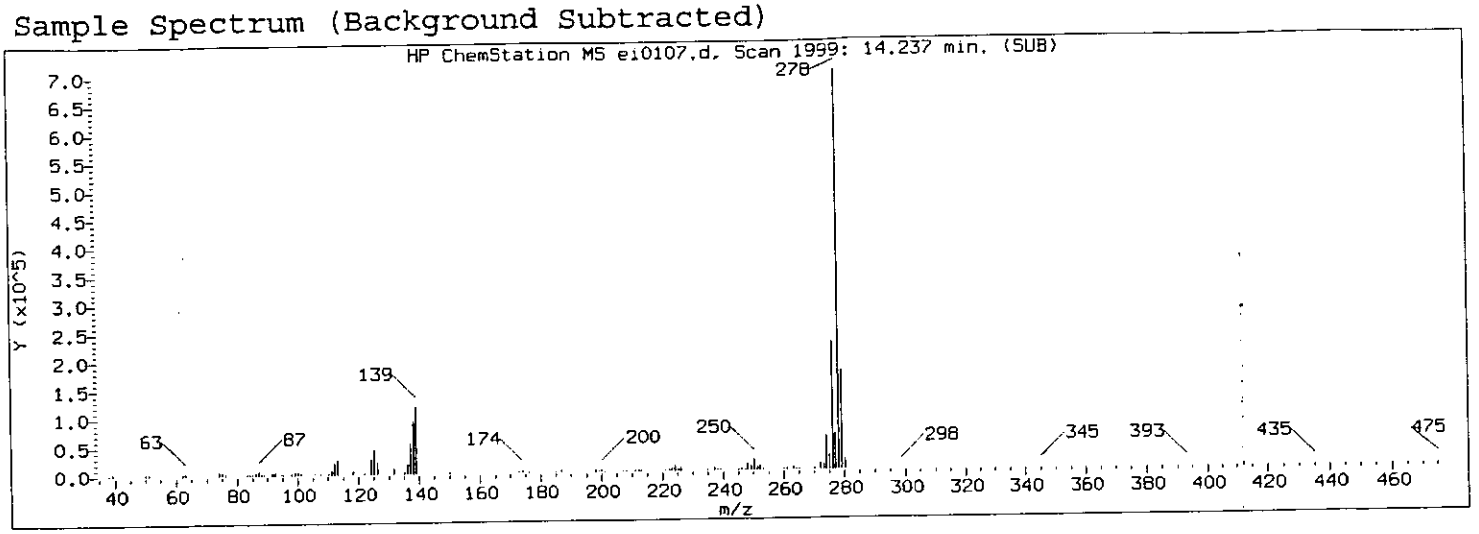
Compound Number	:	181
Compound Name	:	Dibenz(a,h)anthracene
Scan Number	:	1999
Retention Time (minutes)	:	14.237
Quant Ion	:	278
Area	:	1270263
Concentration (ng/ul)	:	89.2189
Integration start scan	:	1986
Y at integration start	:	77

Integration stop scan: 2026
Y at integration end: 100

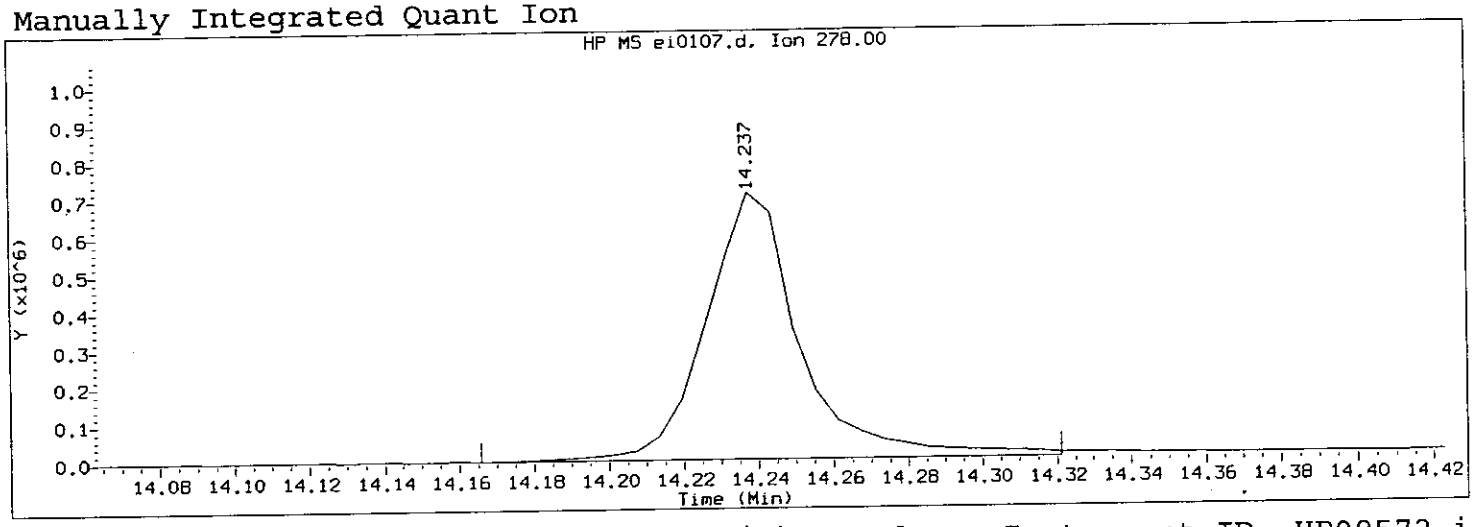
lmn198 09/03/08

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

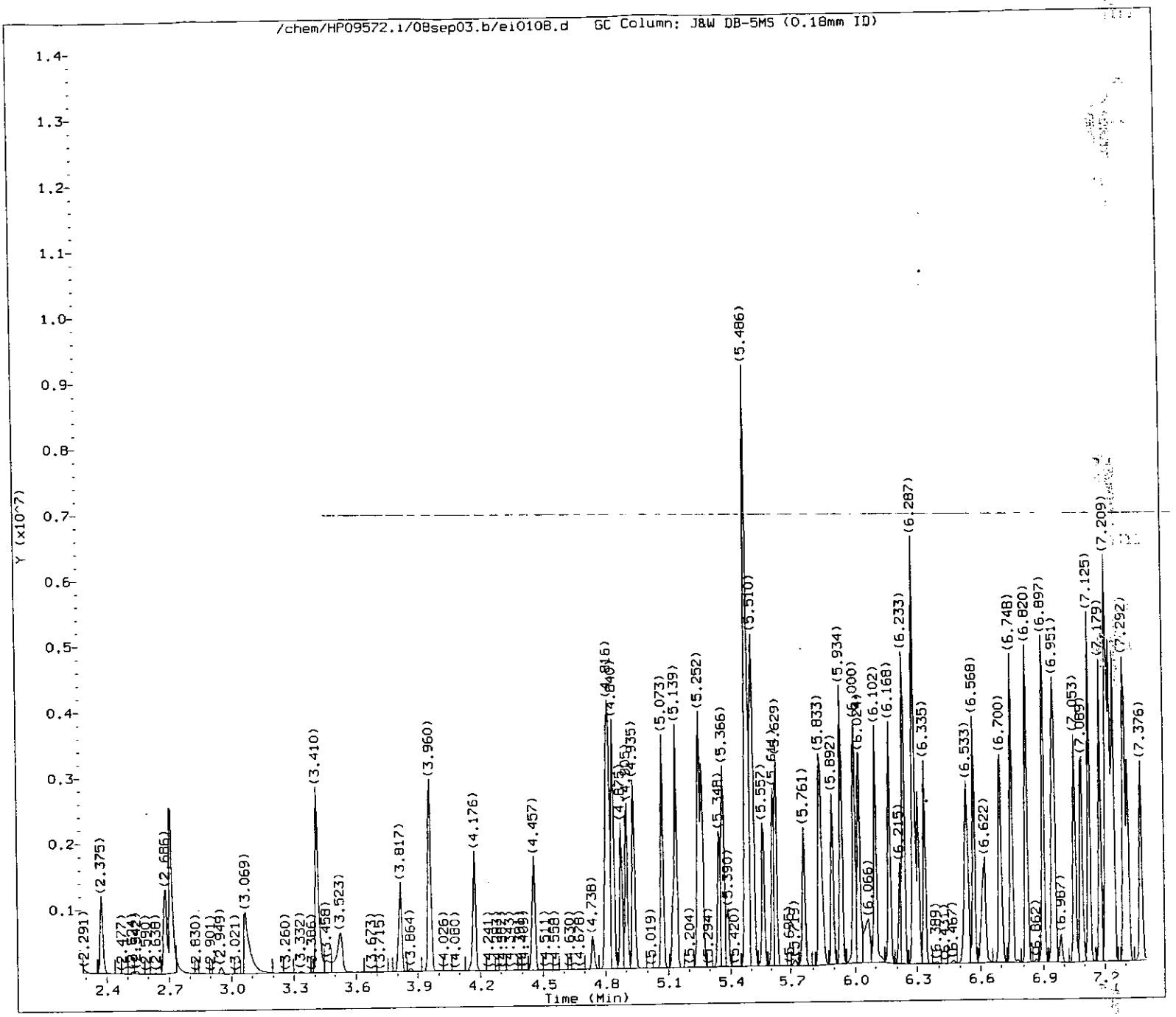
Compound Number	:	181
Compound Name	:	Dibenz(a,h)anthracene
Scan Number	:	1999
Retention Time (minutes)	:	14.237
Quant Ion	:	278
Area (flag)	:	1240409 M
Concentration (ng/ul)	:	92.0698
Integration start scan	:	1986 Integration stop scan: 2012
Y at integration start	:	77 Y at integration end: 91

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

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0107.d, generated on 09/03/2008 at 23:29



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

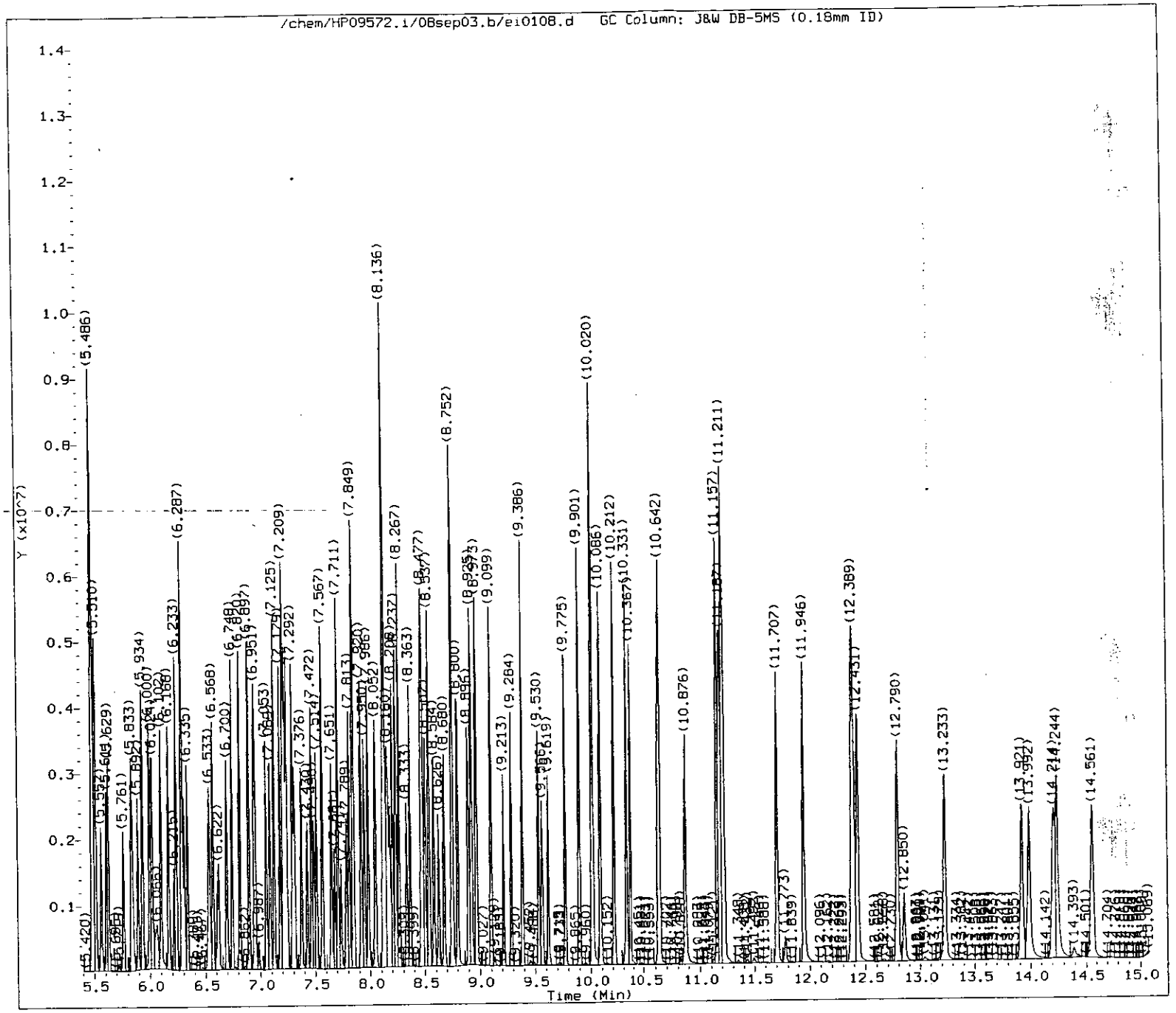
Date, time and analyst ID of latest file update: 03-Sep-2008 23:29 lmh00956

Sample Name: SSTD120

Lab Sample ID: STD2478

ASX85 0195

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

ASX85 0196

LMM 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

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0108.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: 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	378.6443
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

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

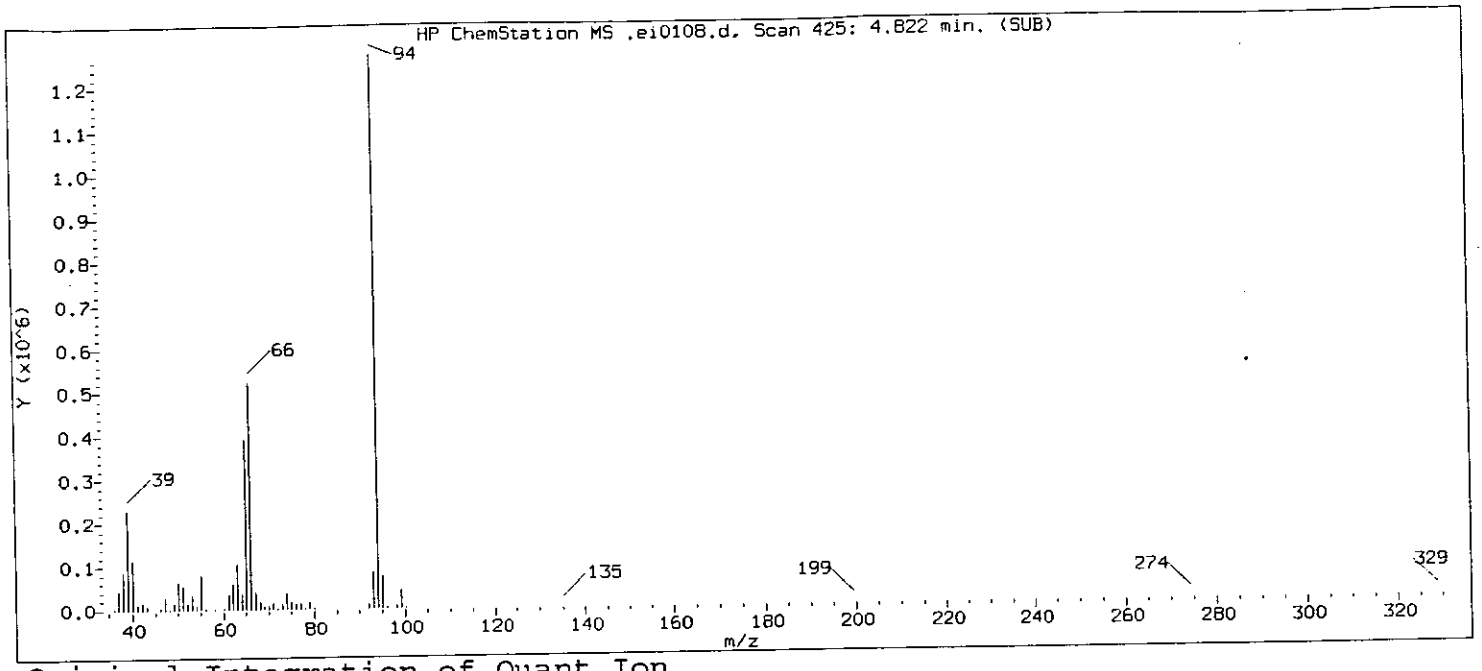
Lab Sample ID: STD2478

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

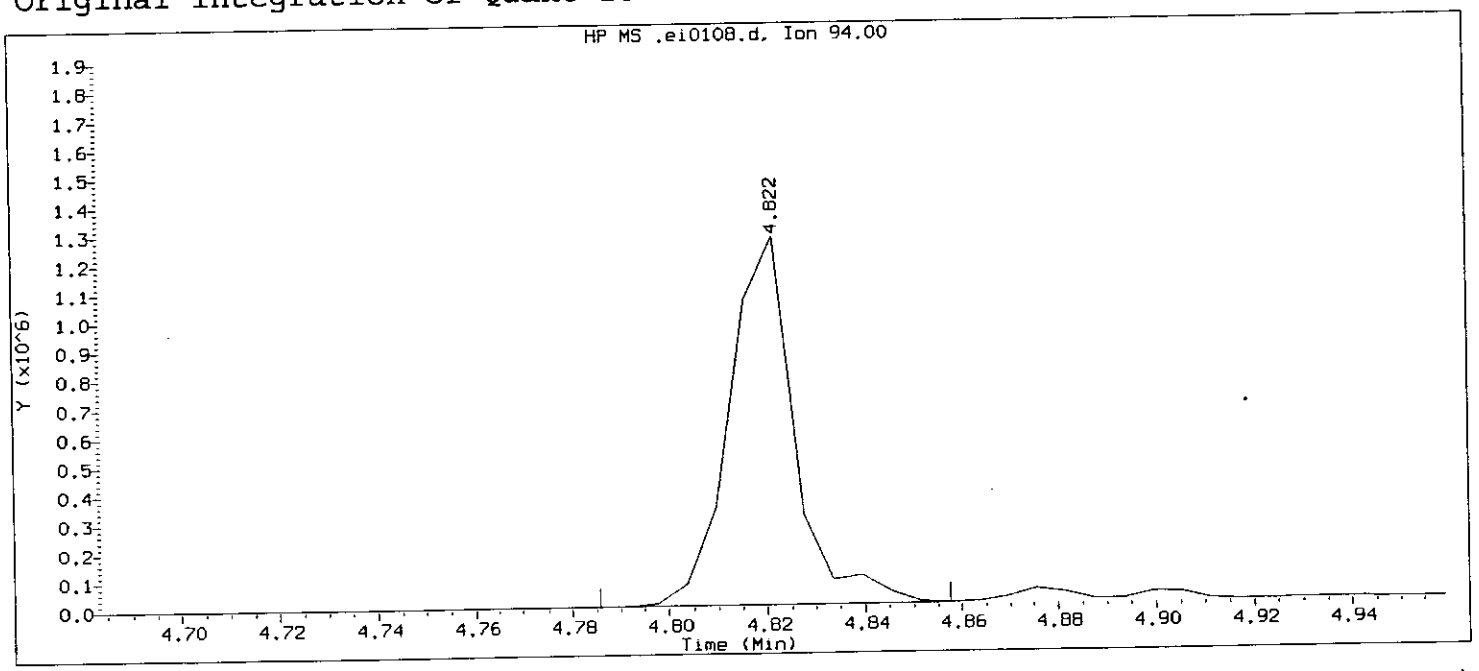
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0108.d Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

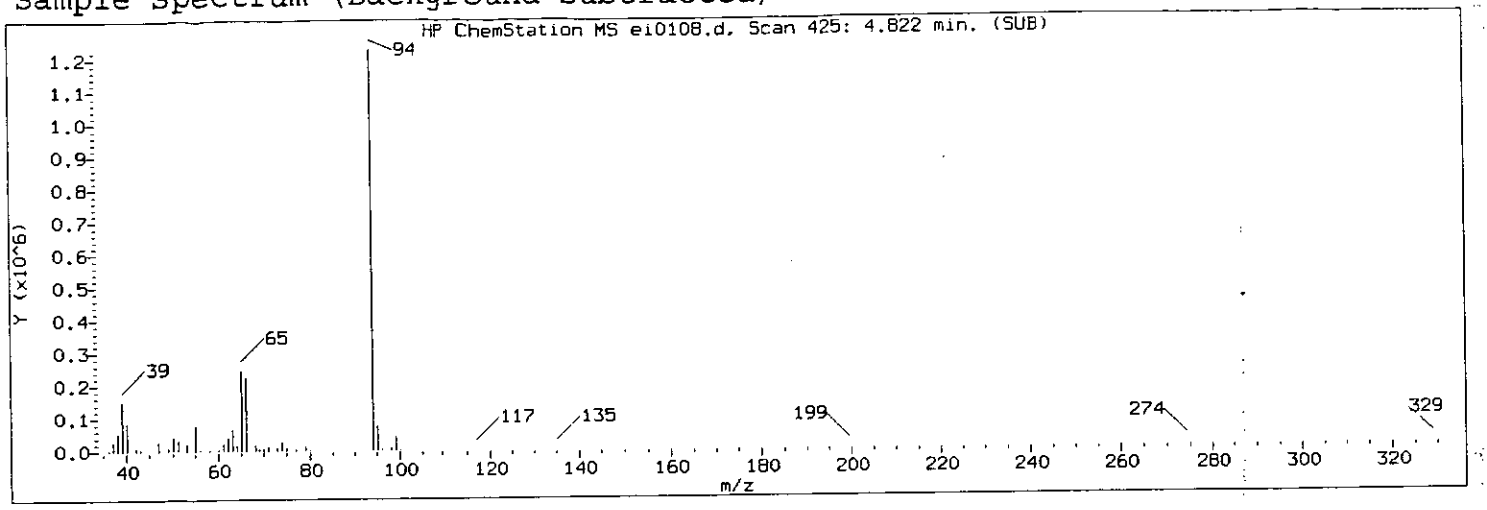
Compound Number : 16
Compound Name : Phenol
Scan Number : 425
Retention Time (minutes): 4.822
Quant Ion : 94
Area : 1187586
Concentration (ng/ul) : 138.0420
Integration start scan : 418 Integration stop scan: 430
Y at integration start : 0 Y at integration end: 106

LMM195 09/03/08

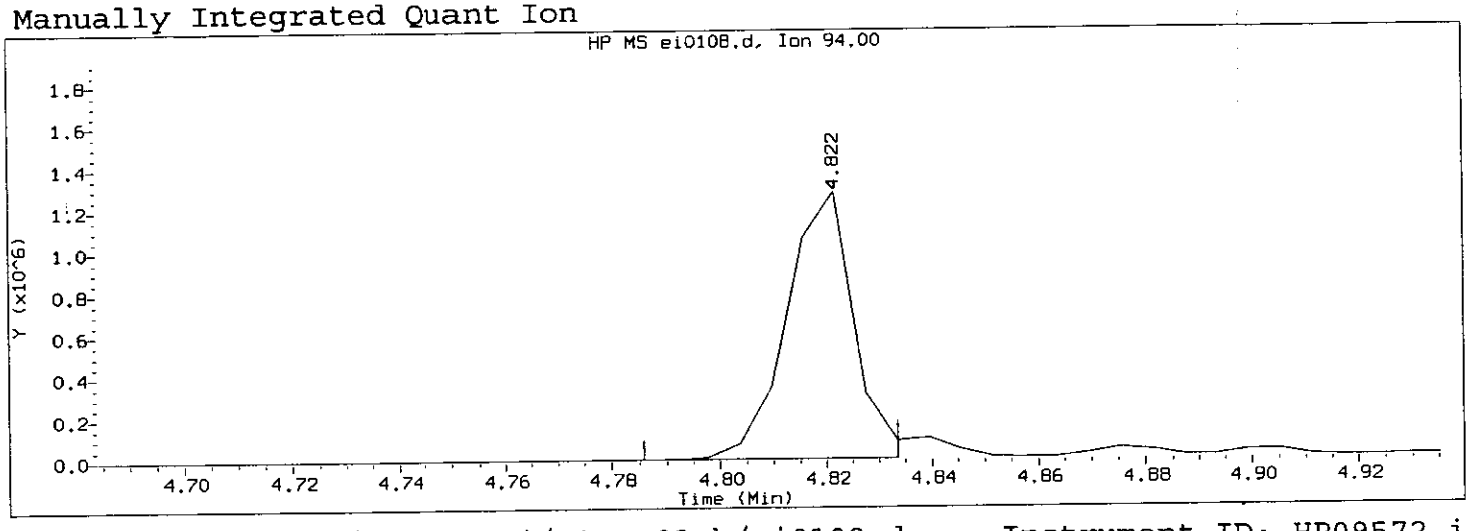
ASX05 0200

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: 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 Integration stop scan: 426
Y at integration start : 0 Y at integration end: 70

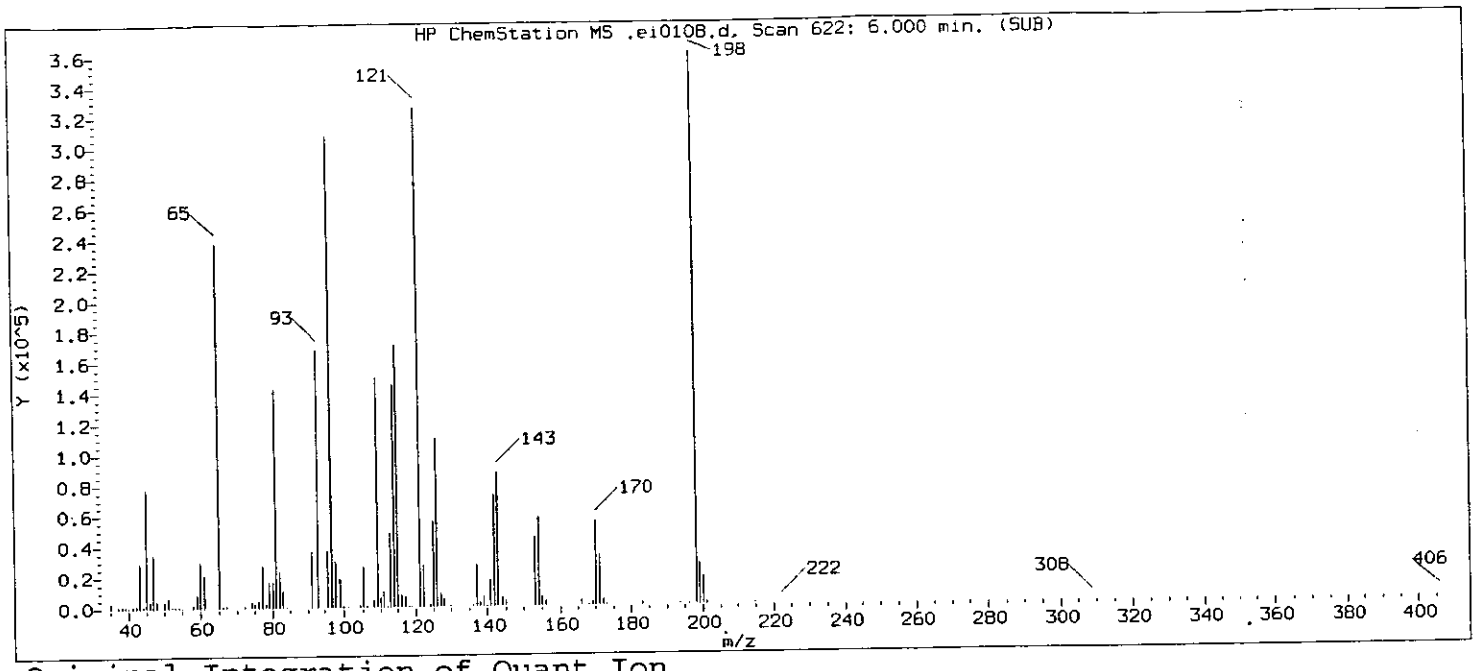
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/03/08

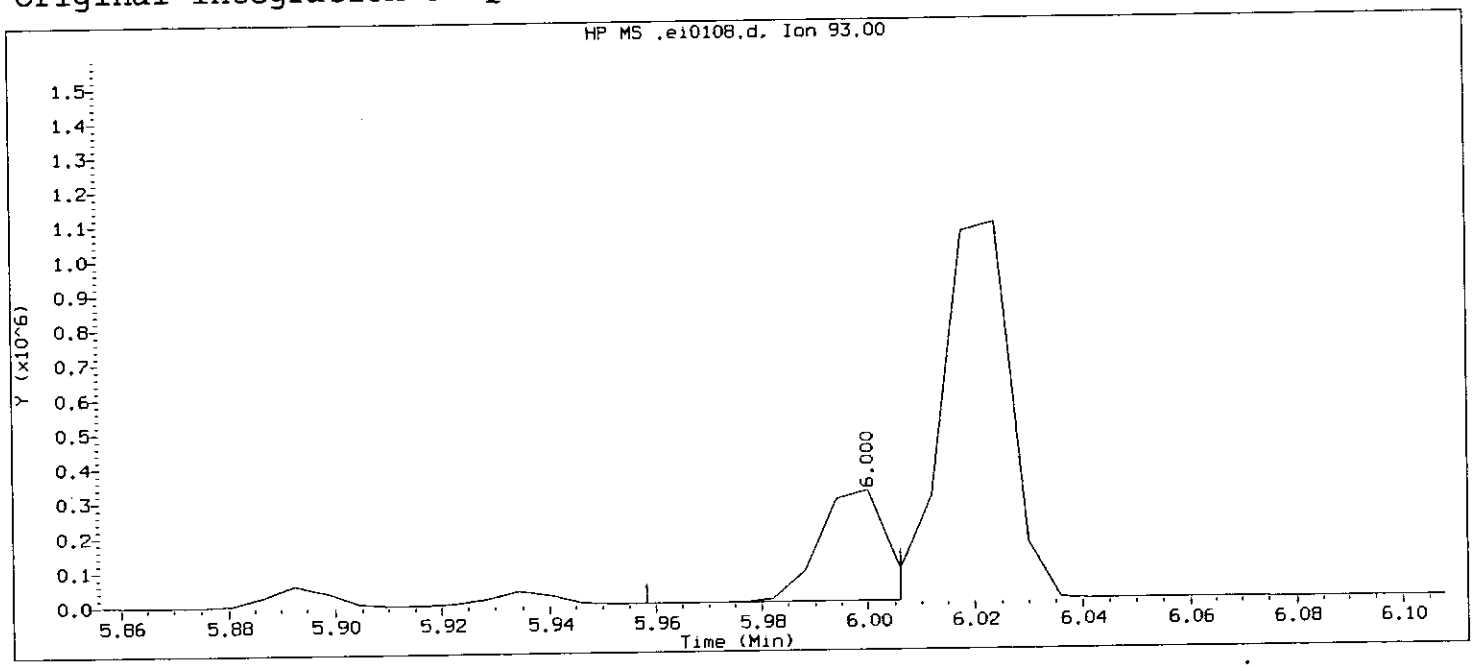
GC/MS audit/management approval: BBuhos 9/5/08

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

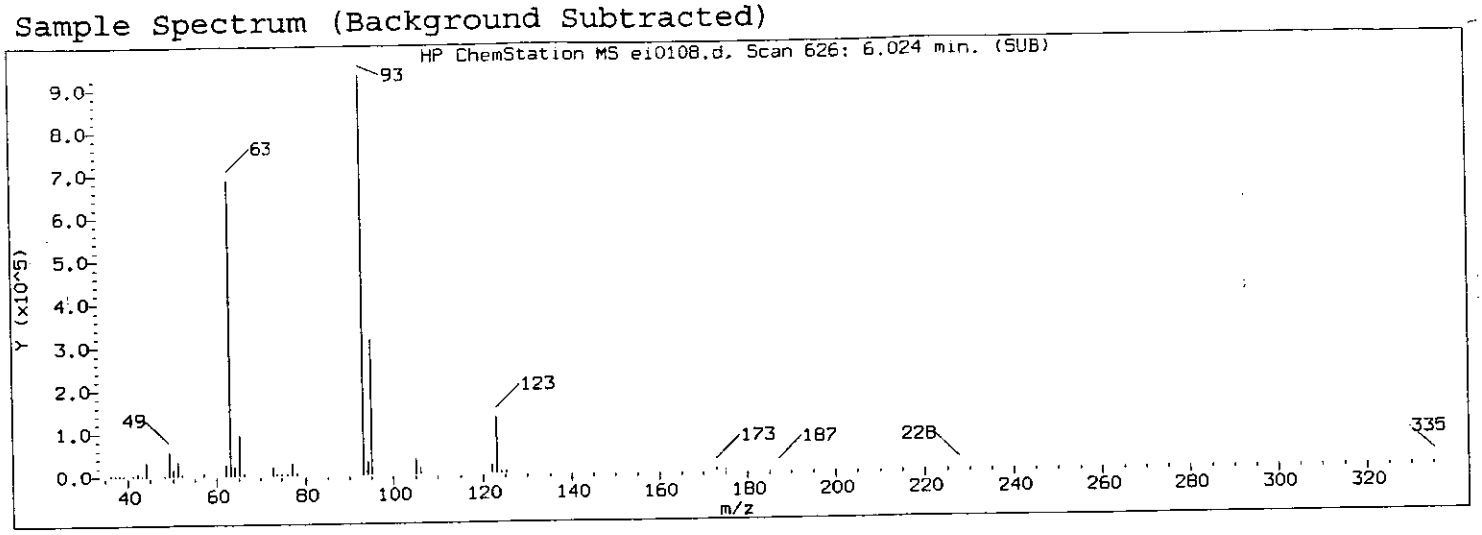
Compound Number : 47
Compound Name : bis(2-Chloroethoxy)methane
Scan Number : 622
Retention Time (minutes): 6.000
Quant Ion : 93
Area : 273126
Concentration (ng/ul) : 39.6067
Integration start scan : 614 Integration stop scan: 622
Y at integration start : 0 Y at integration end: 0

LMH 09/03/08

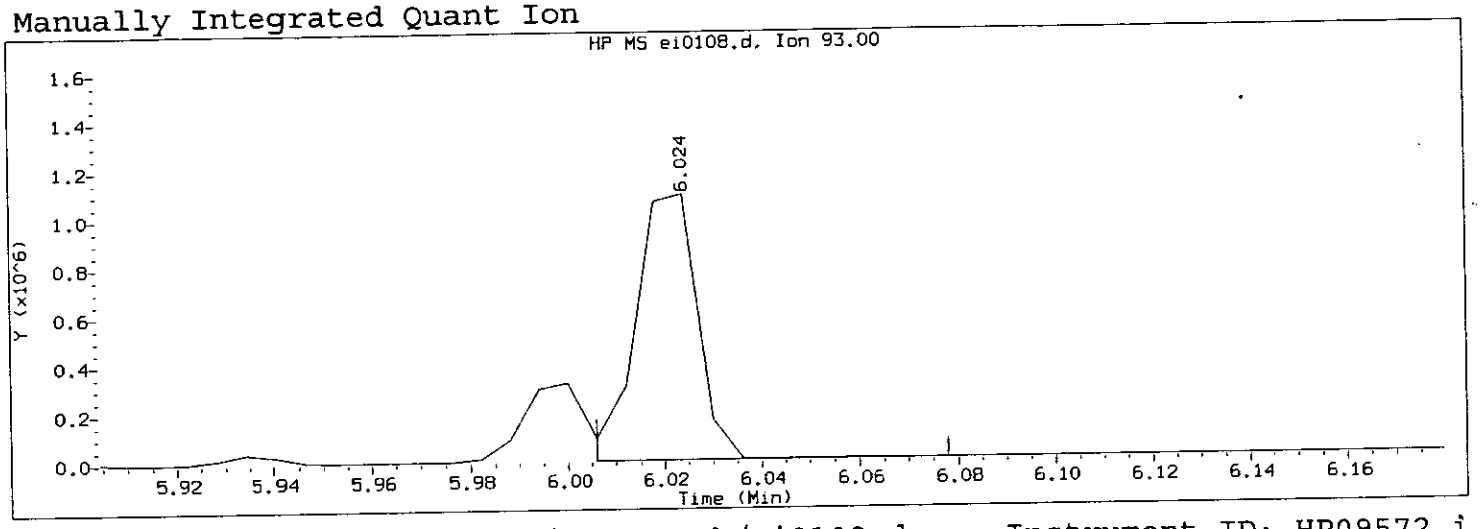
ASX85 8202

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: SSTD120 Lab Sample ID: STD2478

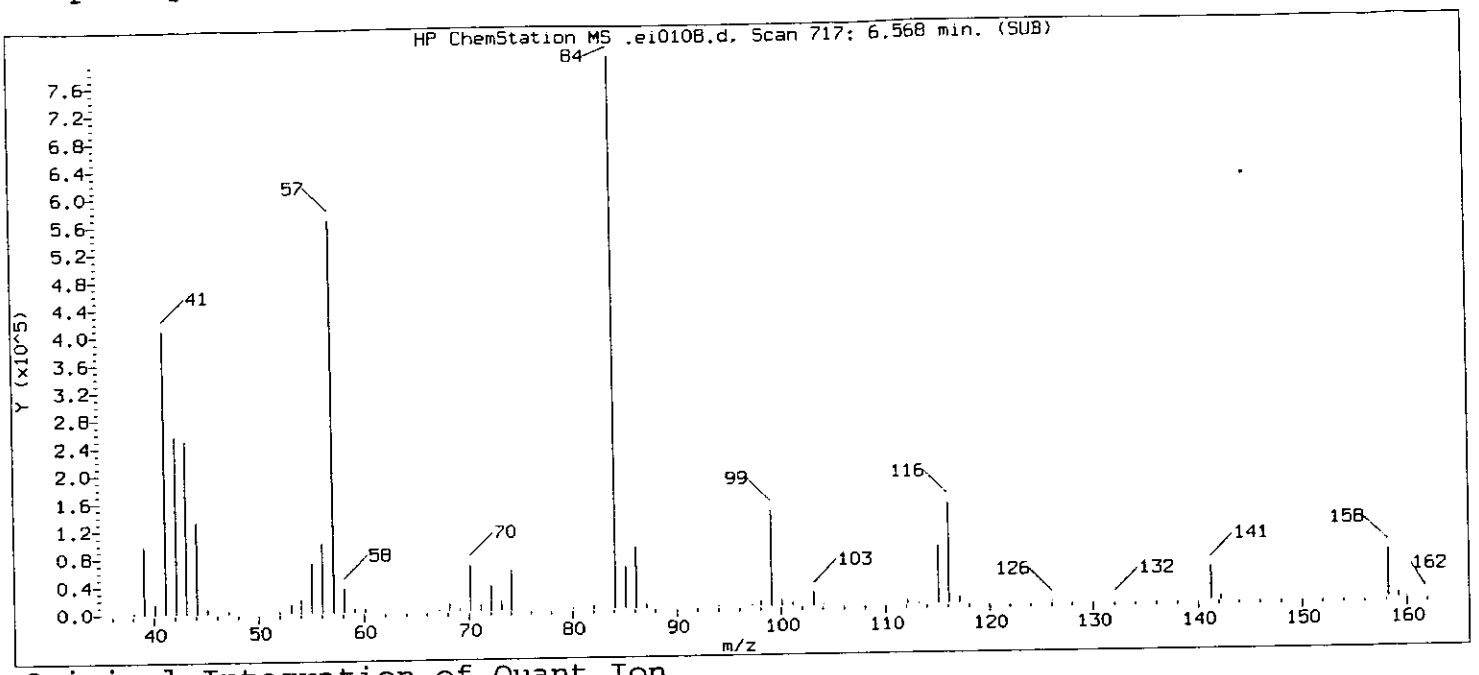
Compound Number : 47
Compound Name : bis(2-Chloroethoxy)methane
Scan Number : 626
Retention Time (minutes): 6.024
Quant Ion : 93
Area (flag) : 962354A
Concentration (ng/ul) : 122.5427
Integration start scan : 622 Integration stop scan: 634
Y at integration start : 0 Y at integration end: 0

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

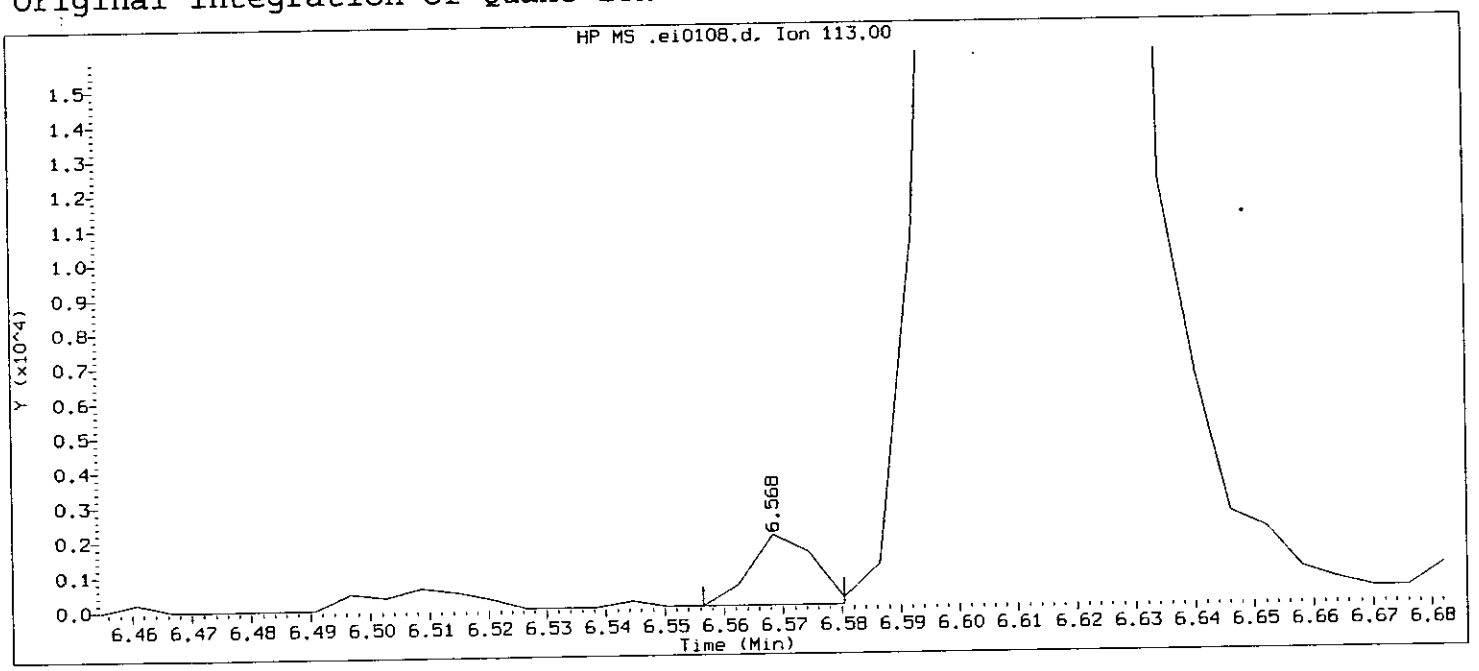
Analyst responsible for change: LMH 09/03/08

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

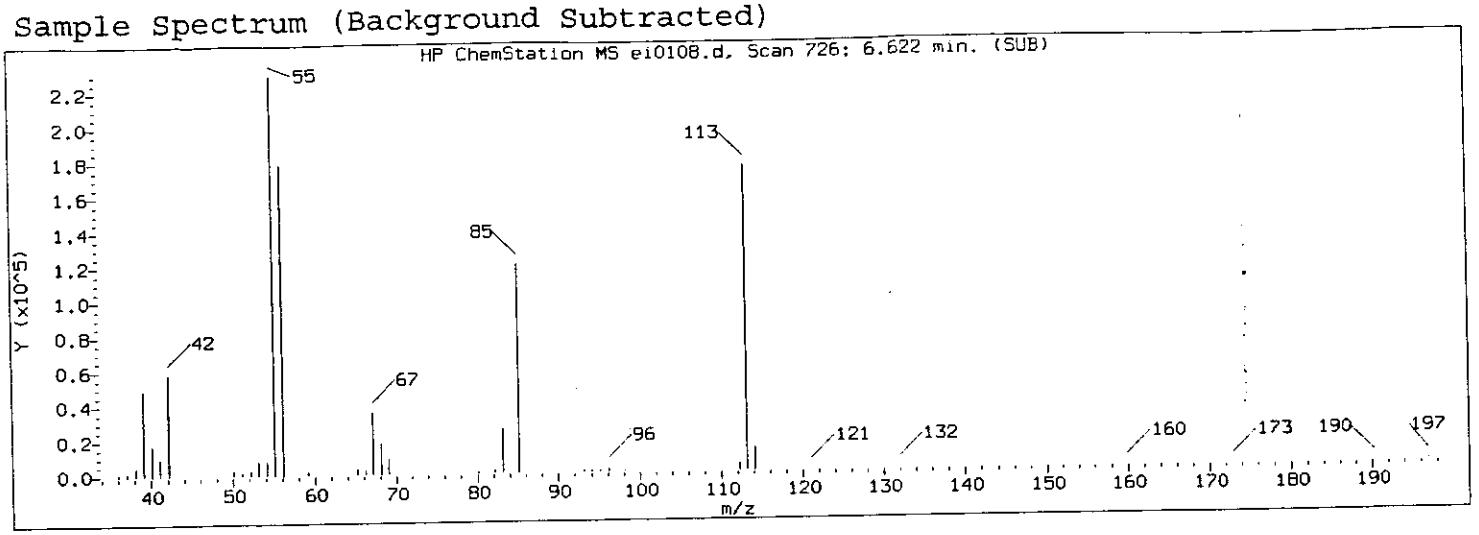
Compound Number : 63
Compound Name : Caprolactam
Scan Number : 717
Retention Time (minutes): 6.568
Quant Ion : 113
Area : 1518
Concentration (ng/ul) : 0.8835
Integration start scan : 714 Integration stop scan: 718
Y at integration start : 0 Y at integration end: 0

LMN198 09/05/08

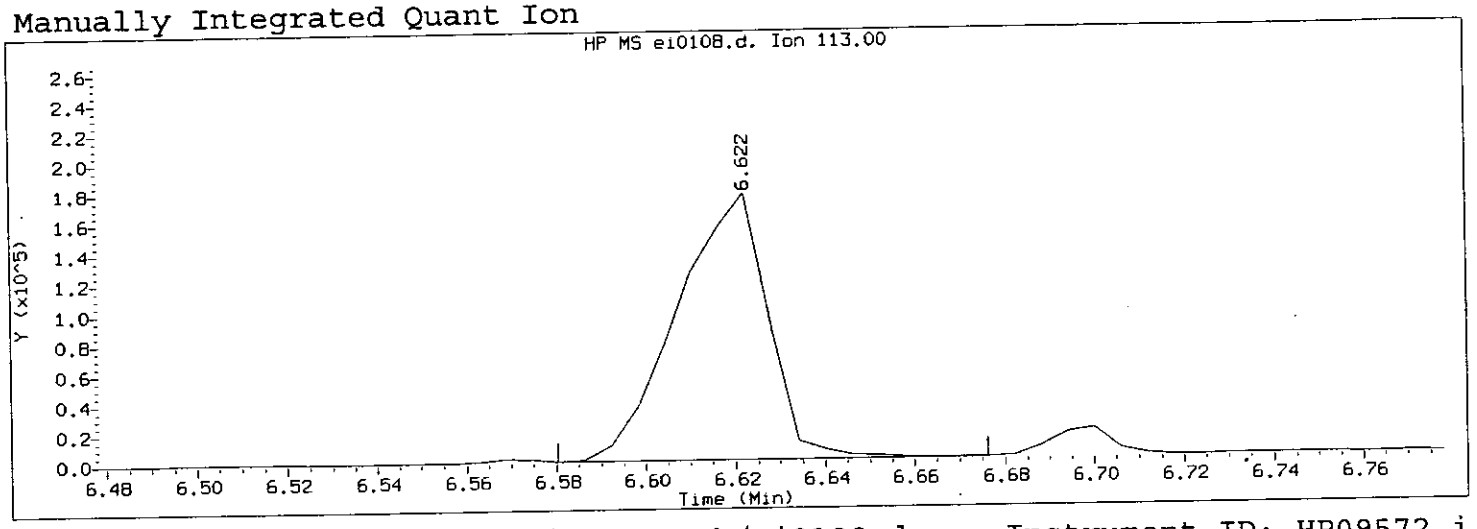
ASX85 0284

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 Integration stop scan: 734
Y at integration start : 0 Y at integration end: 0

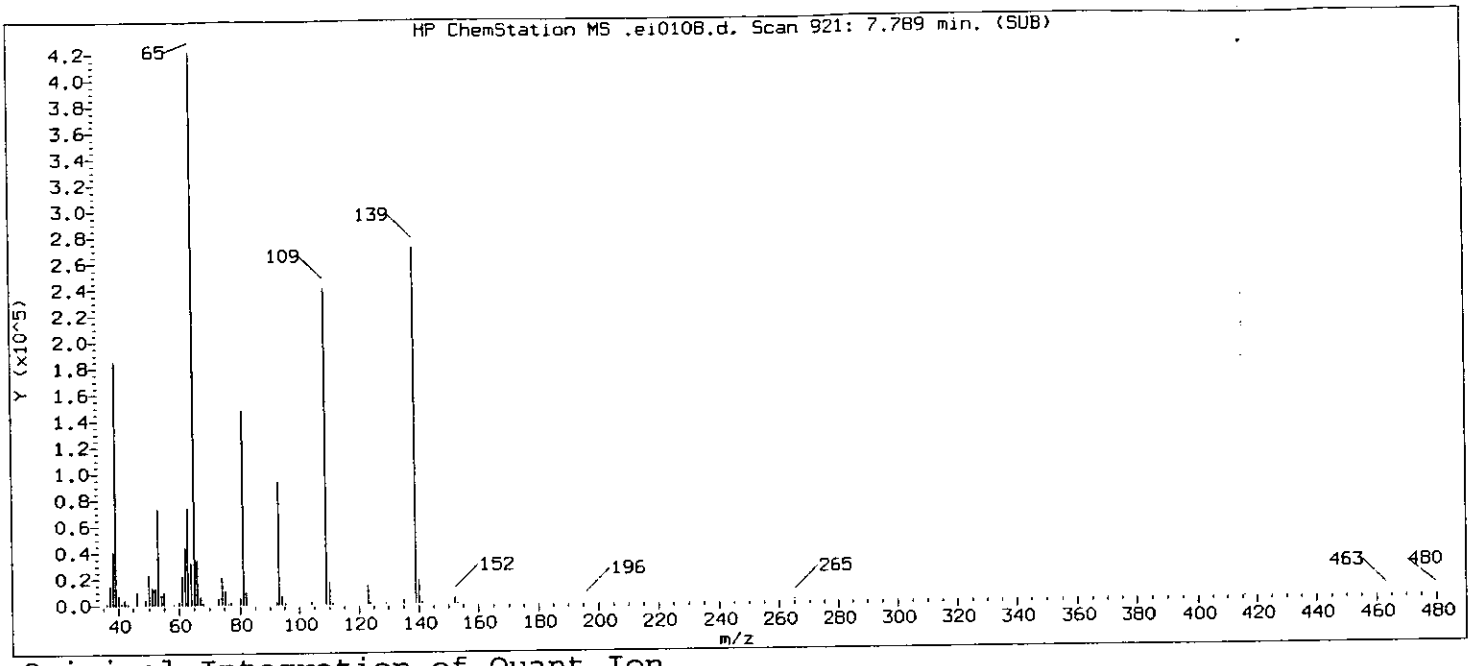
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn1956 09/03/08

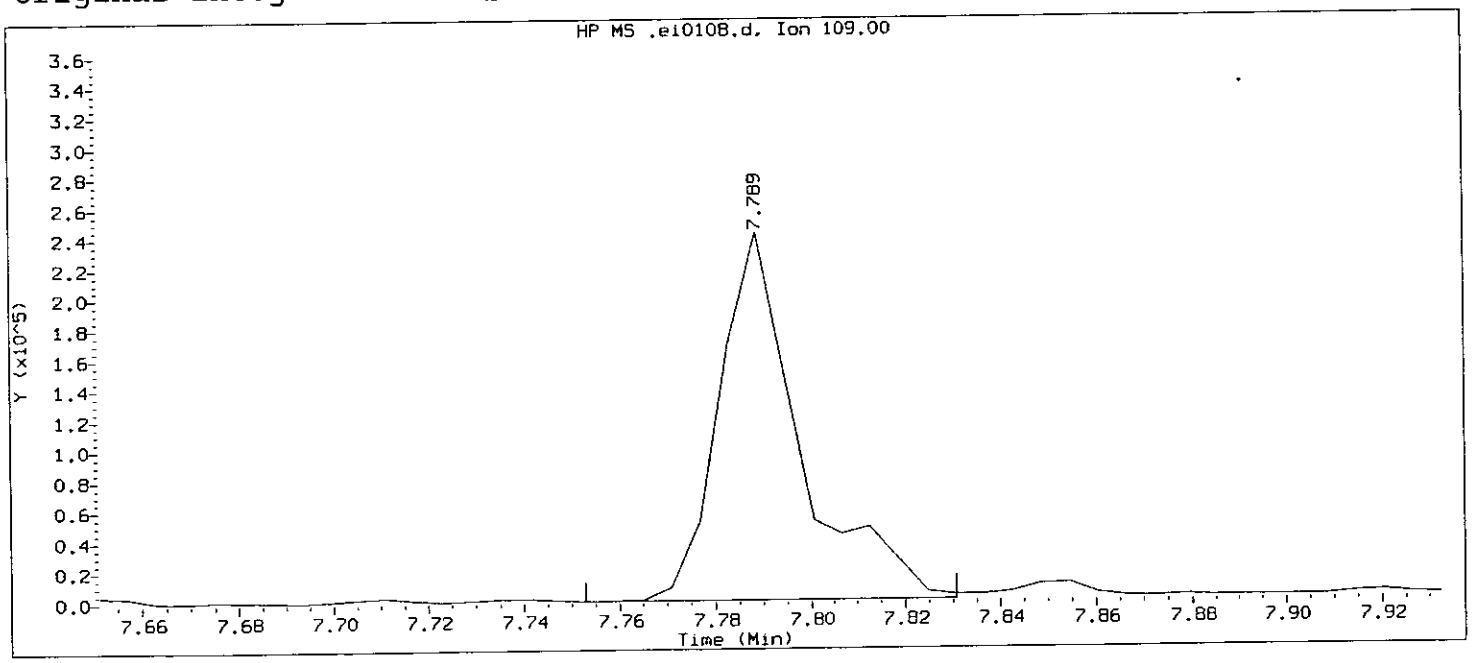
GC/MS audit/management approval: BBW/705 9/5/08 0205

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

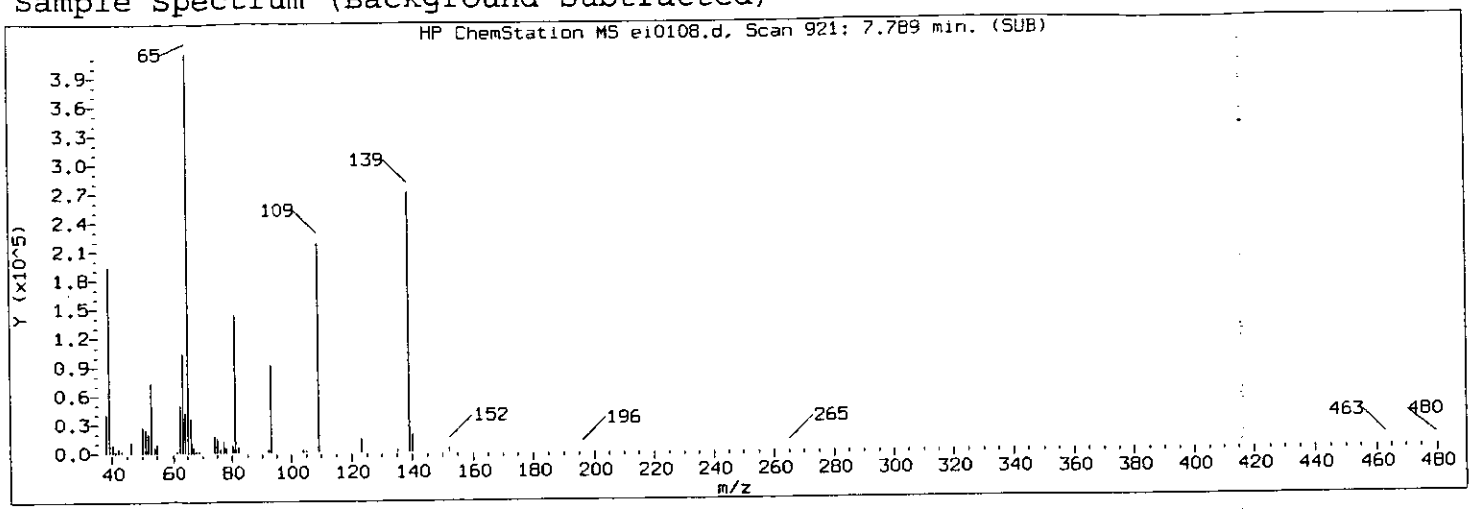
Compound Number : 103
Compound Name : 4-Nitrophenol
Scan Number : 921
Retention Time (minutes): 7.789
Quant Ion : 109
Area : 285110
Concentration (ng/ul) : 143.7445
Integration start scan : 914 Integration stop scan: 927
Y at integration start : 39 Y at integration end: 72

Lmn195 09/03/08

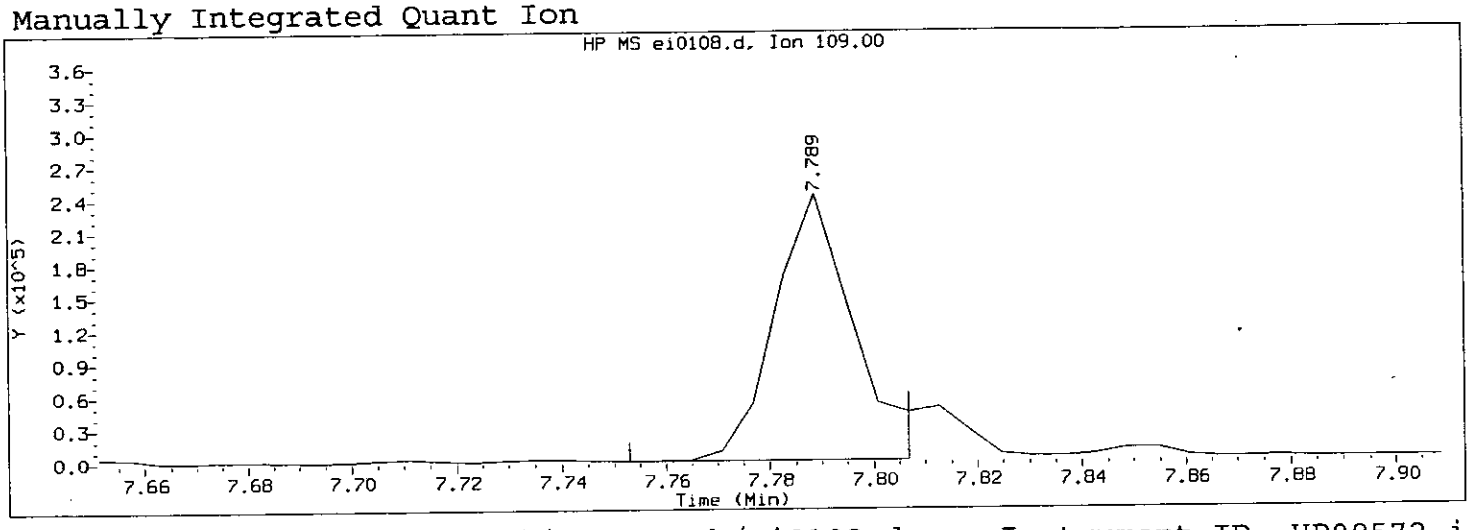
ASX05 0206

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: 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 Integration stop scan: 923
Y at integration start : 39 Y at integration end: 61

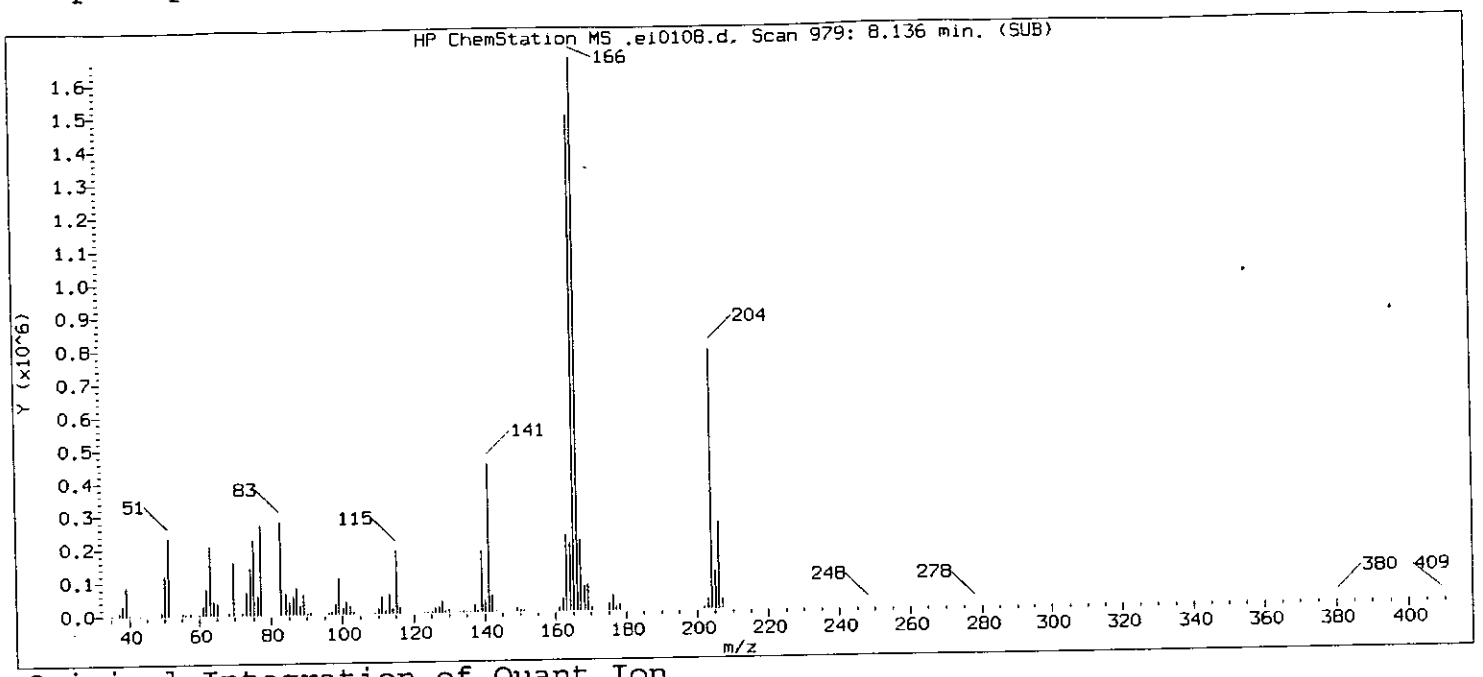
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh198e 09/03/08

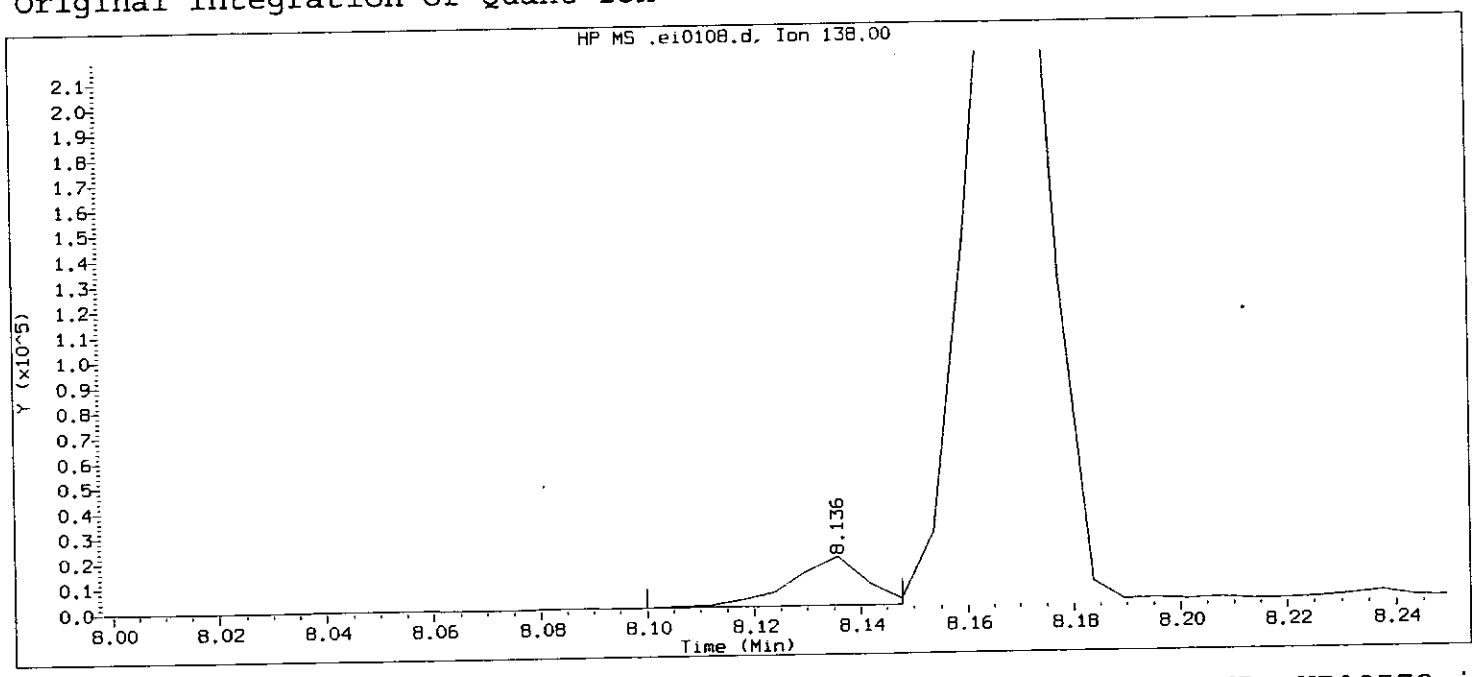
GC/MS audit/management approval: BBrh05 9/5/08

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

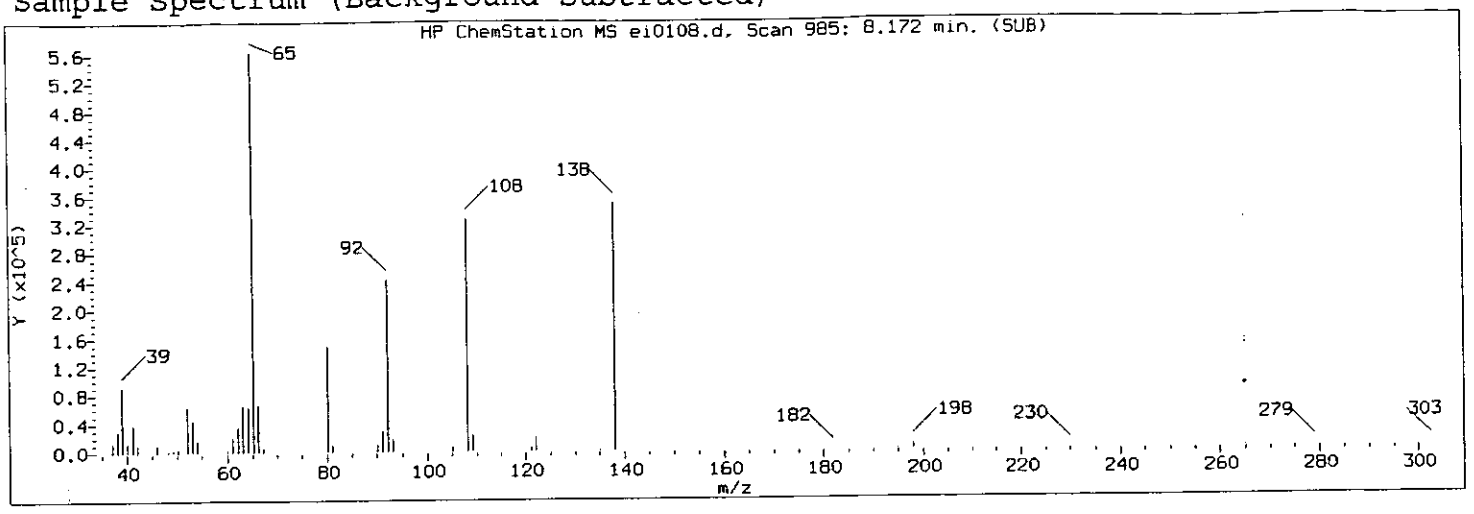
Compound Number : 114
Compound Name : 4-Nitroaniline
Scan Number : 979
Retention Time (minutes): 8.136
Quant Ion : 138
Area : 18622
Concentration (ng/ul) : 7.2177
Integration start scan : 972 Integration stop scan: 980
Y at integration start : 0 Y at integration end: 0

LMH195 09/03/08

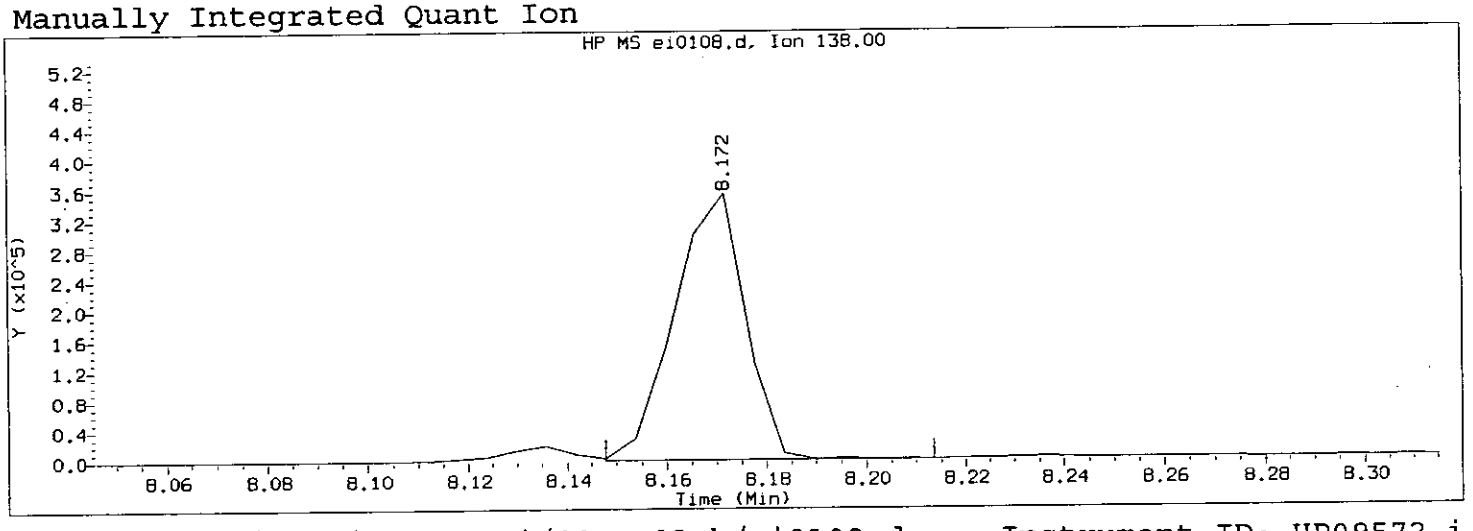
ASX05 0200

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: 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

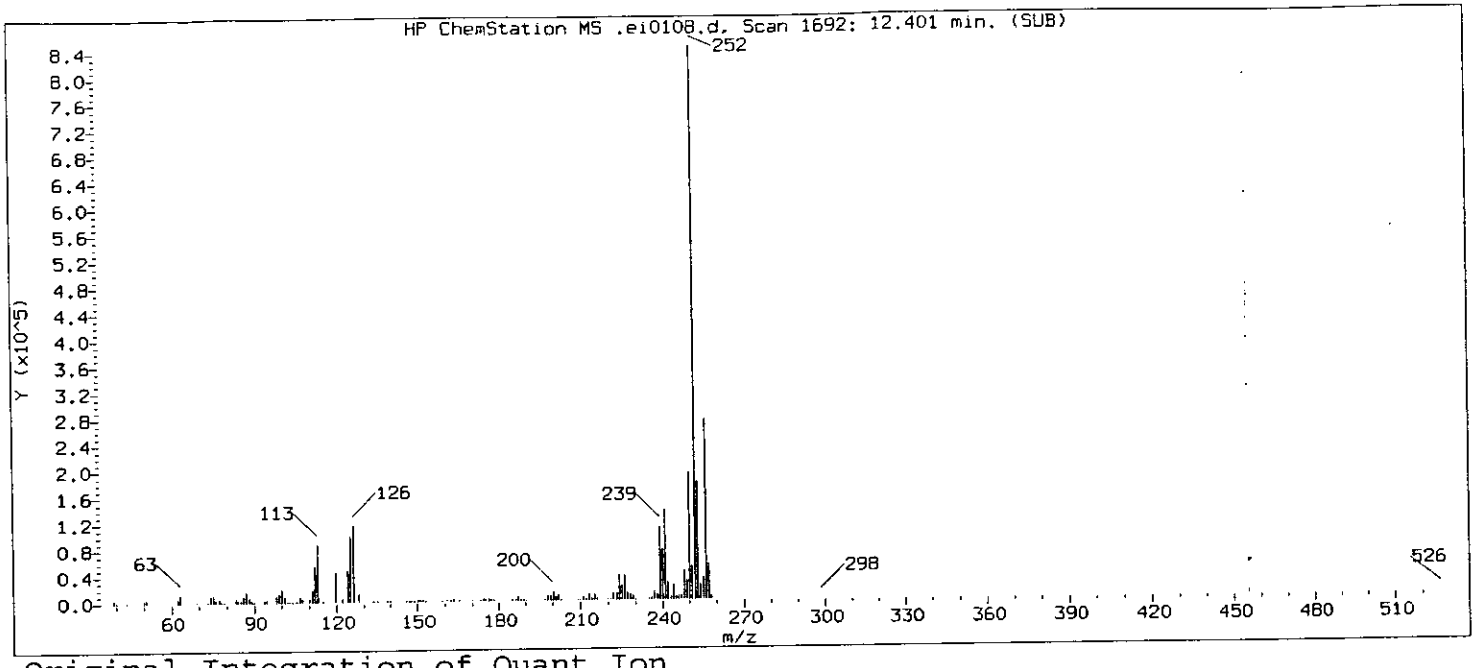
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: mn198 09/03/08

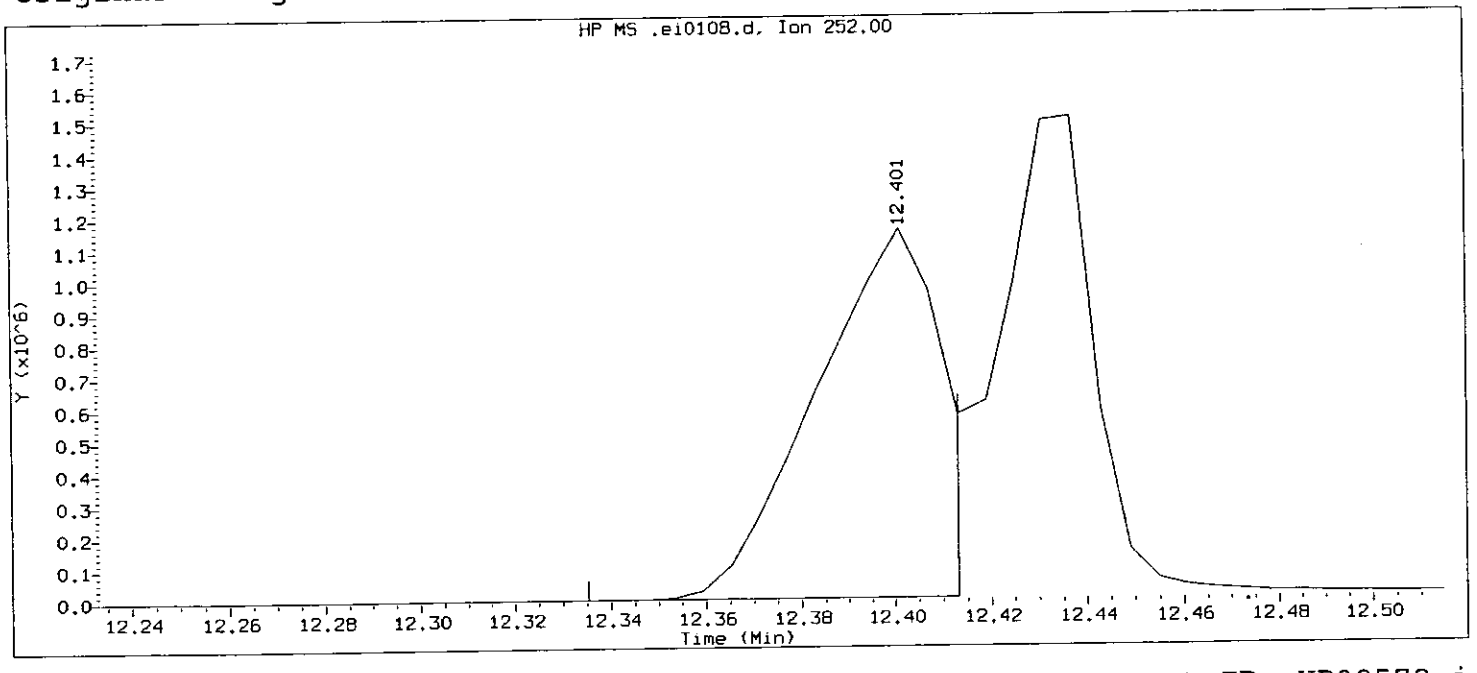
GC/MS audit/management approval: BBaynor 9/5/08 ~~00x05 0209~~

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 Analyst ID: lmh00956

Method used: /chem/HP09572.i/08sep03.b/mseven.m Sublist used: all1
Calibration date and time: 03-SEP-2008 22:57
Date, time and analyst ID of latest file update: 03-Sep-2008 22:57 Automation

Sample Name: SSTD120 Lab Sample ID: STD2478

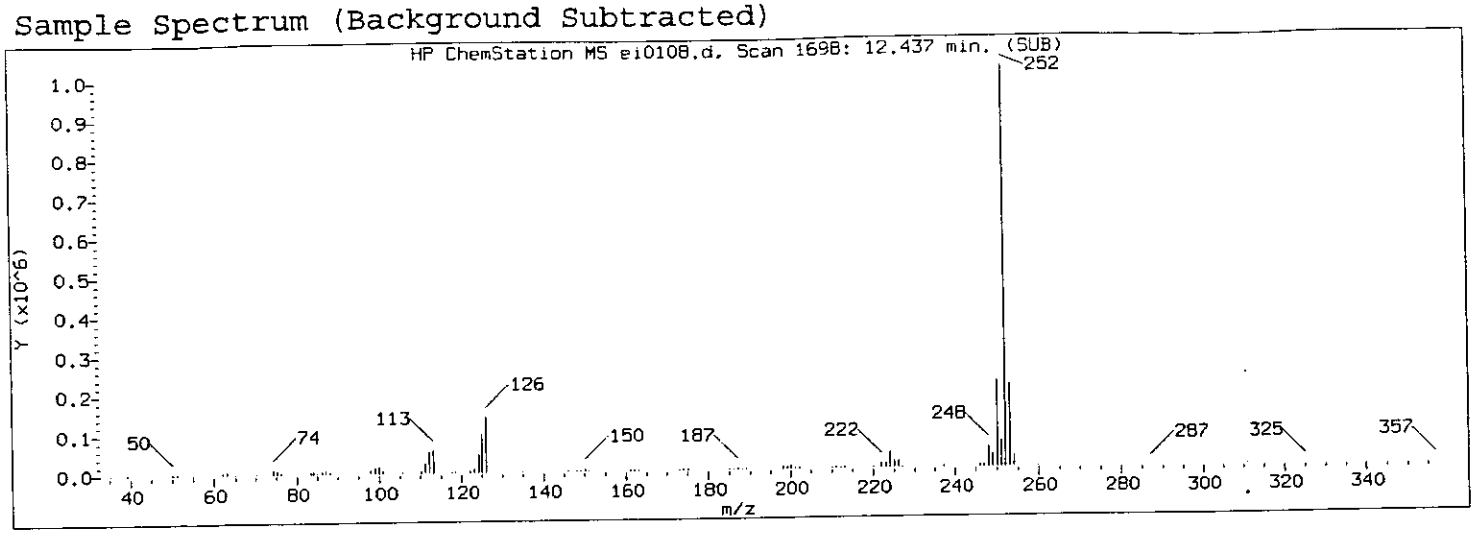
Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1692
Retention Time (minutes): 12.401
Quant Ion : 252
Area : 2049385
Concentration (ng/ul) : 122.1131
Integration start scan : 1680 Integration stop scan: 1693
Y at integration start : 0 Y at integration end: 207

lmh198 09/03/08

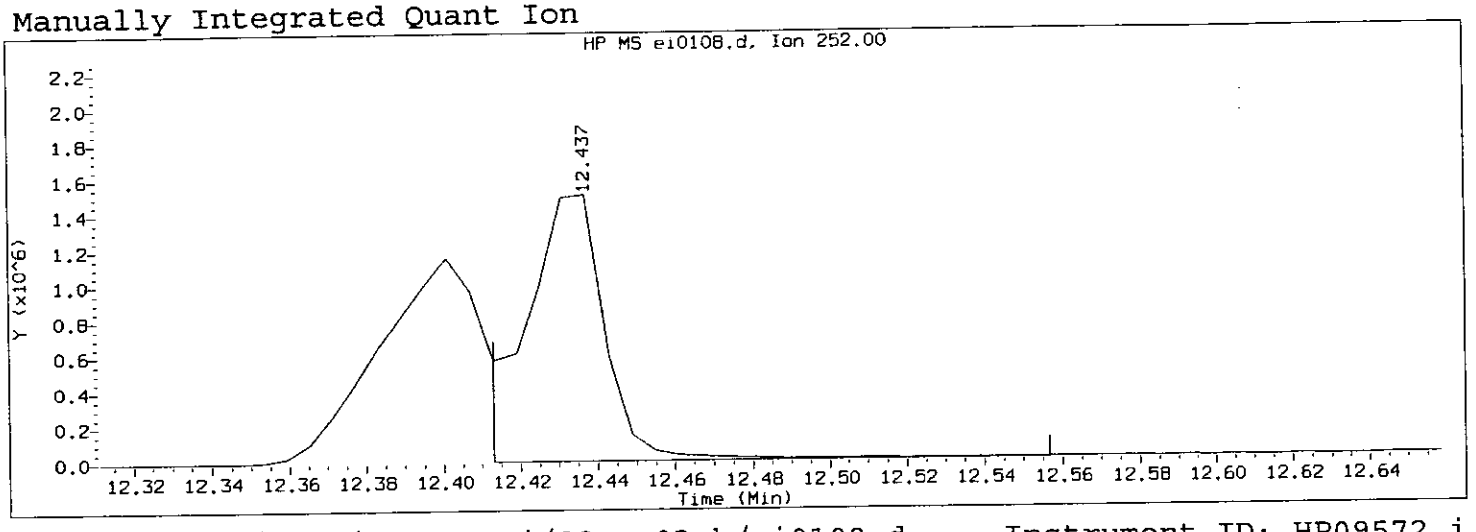
ASX05 0210

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 Instrument ID: HP09572.i
Injection date and time: 03-SEP-2008 22:40 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: SSTD120 Lab Sample ID: STD2478

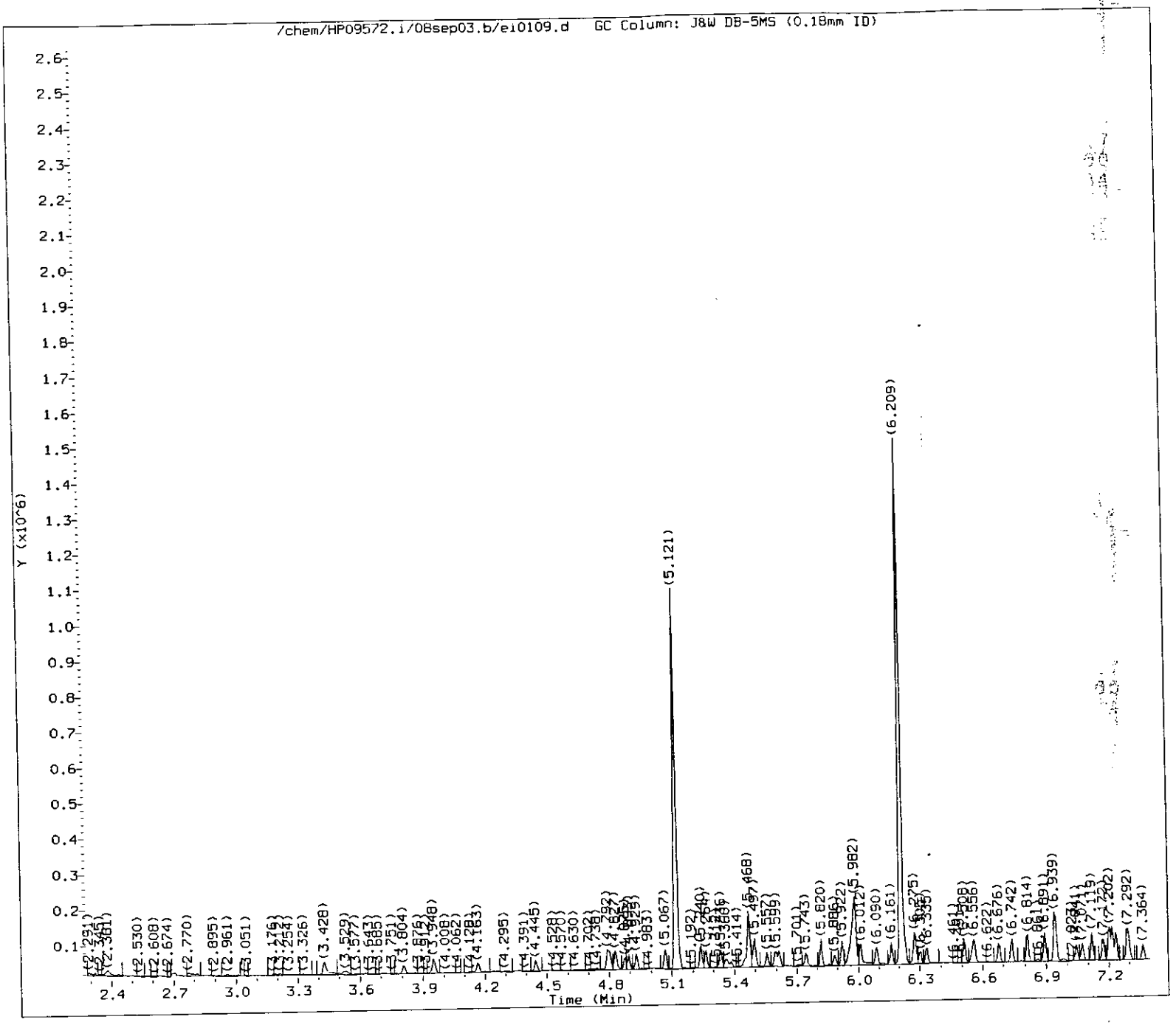
Compound Number : 174
Compound Name : Benzo(k)fluoranthene
Scan Number : 1698
Retention Time (minutes): 12.437
Quant Ion : 252
Area (flag) : 2090845A
Concentration (ng/ul) : 127.3411
Integration start scan : 1693 Integration stop scan: 1717
Y at integration start : 207 Y at integration end: 327

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

Analyst responsible for change: MM193 09/03/08

GC/MS audit/management approval: BBW705 9/5/08

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

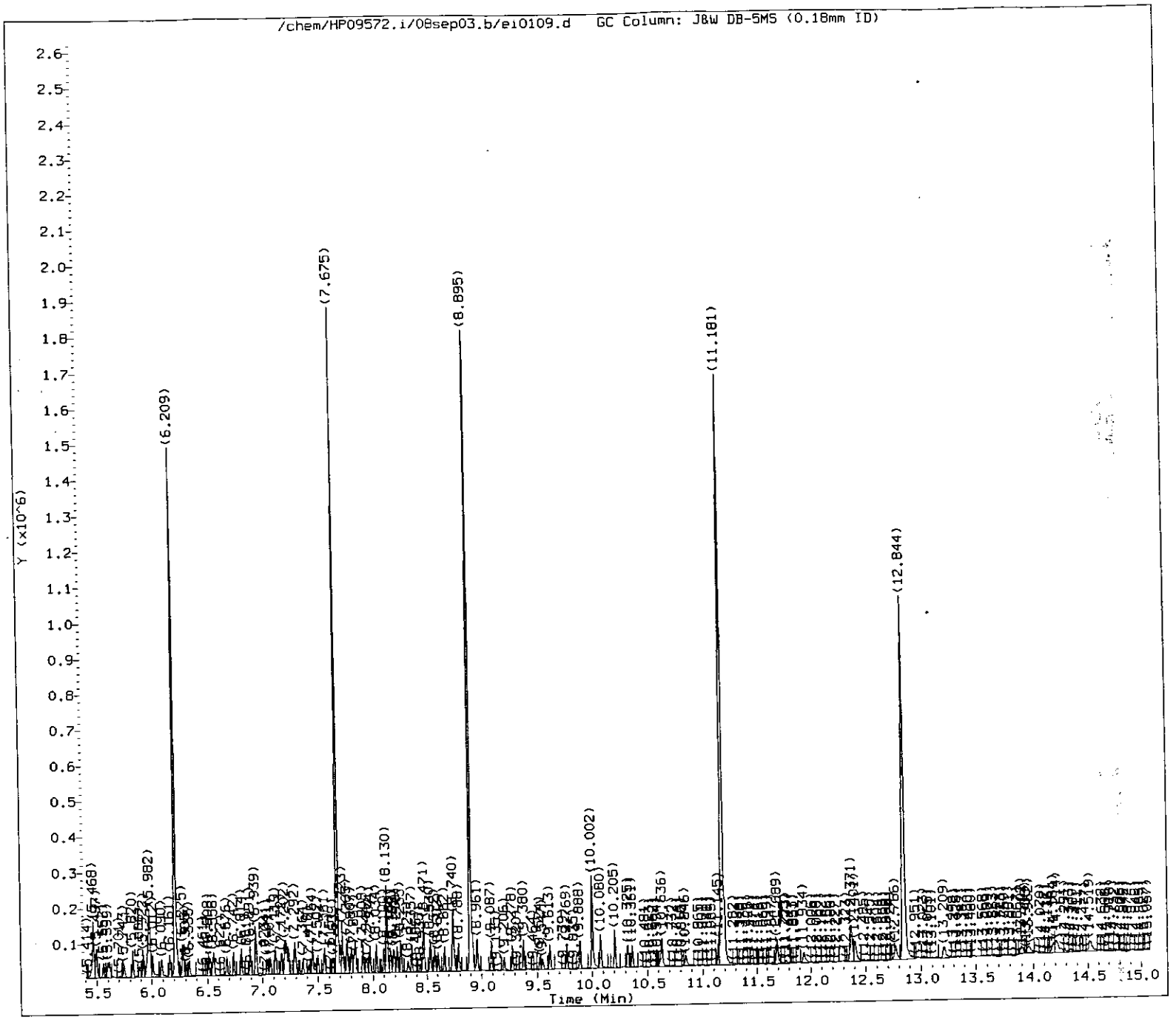
Date, time and analyst ID of latest file update: 04-Sep-2008 23:01 lmh00956

Sample Name: SSTD001

Lab Sample ID: 8270MDL2478

ASX85 8212

lmh198 09/04/08



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

ASX05 0213

lmh 09/04/08

Quant Report

Target Revision 3.5

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

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

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

ASX05 0215

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

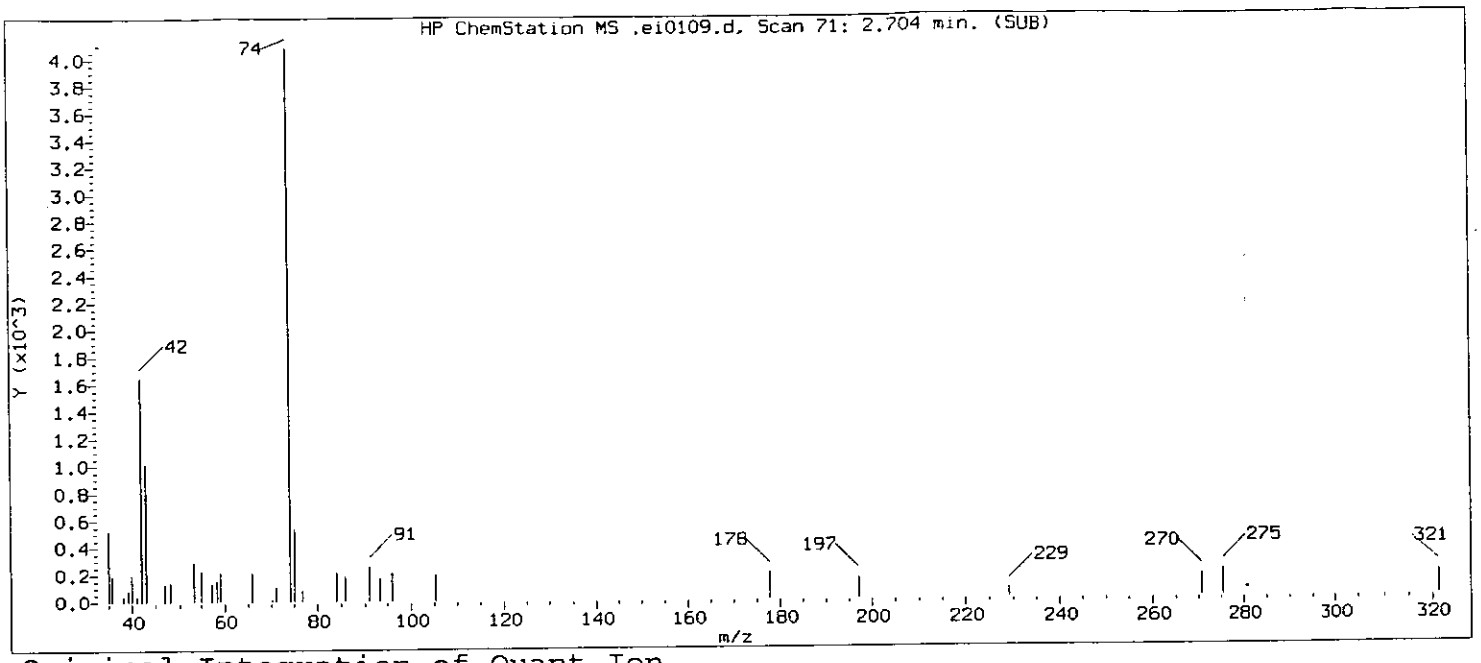
Lab Sample ID: 8270MDL2478

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

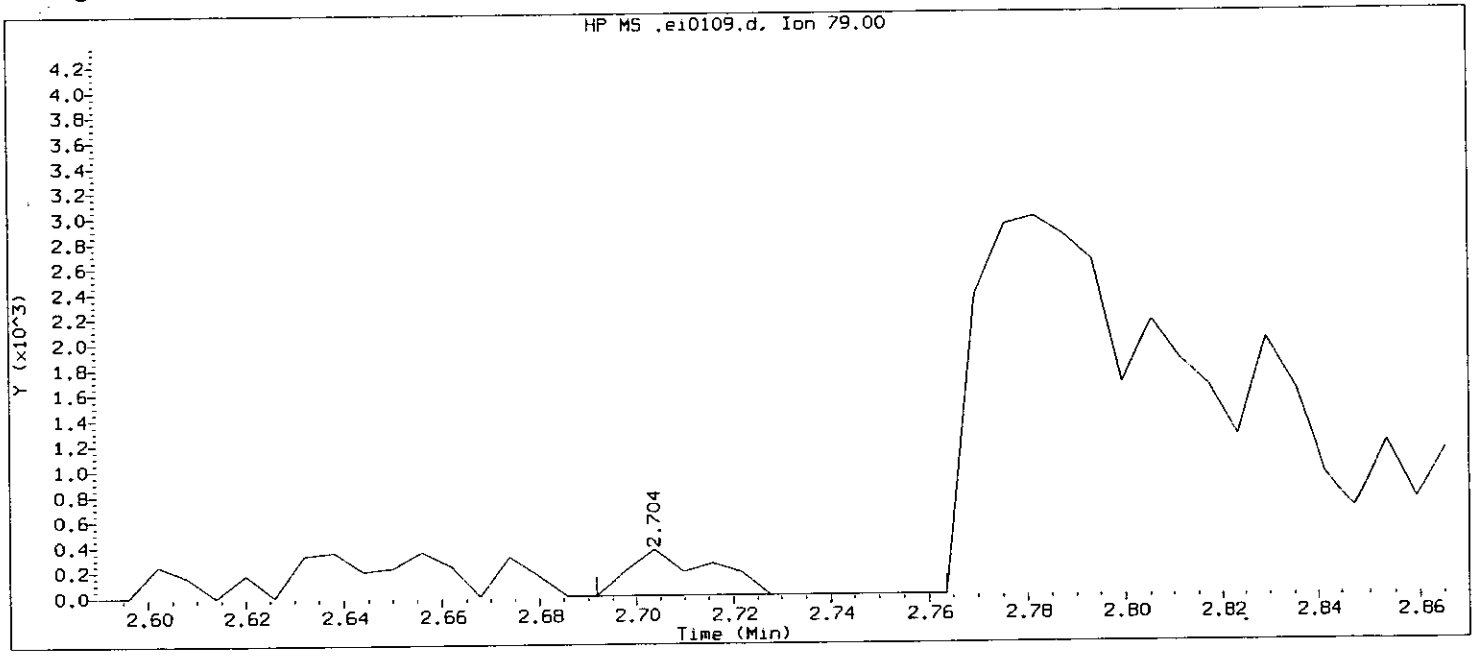
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of 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 02:28 Automation

Sample Name: SSTD001 Lab Sample ID: 8270MDL2478

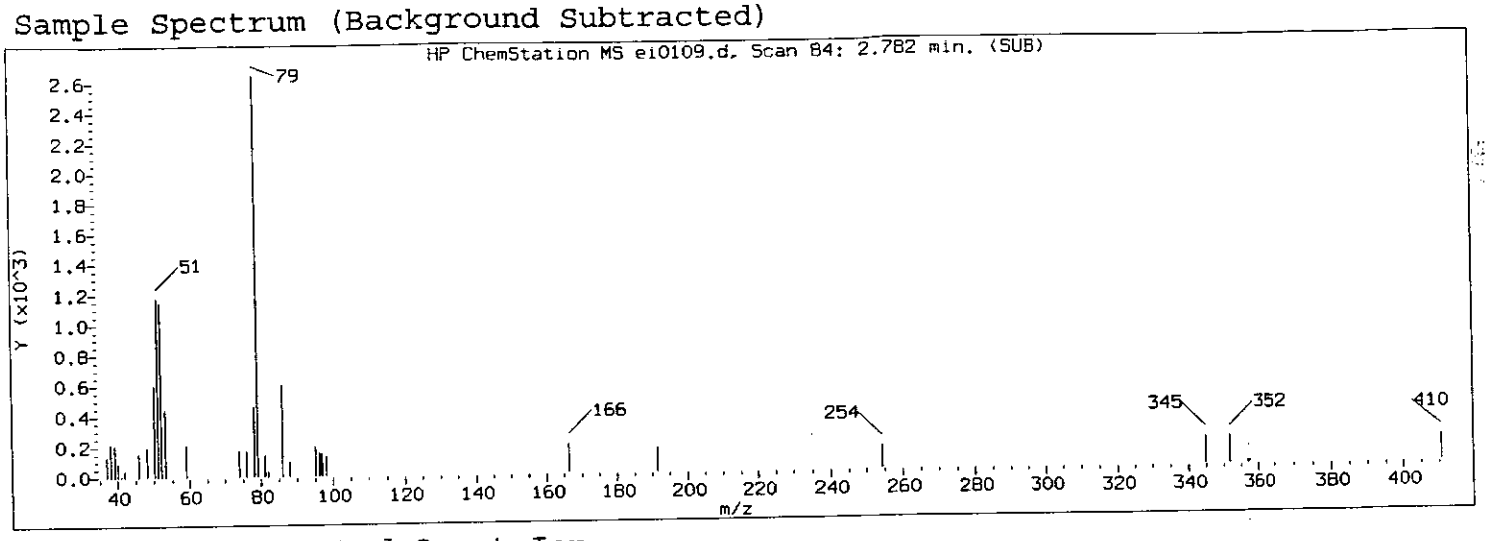
Compound Number : 3
Compound Name : Pyridine
Scan Number : 71
Retention Time (minutes): 2.704
Quant Ion : 79
Area : 425
Concentration (ng/ul) : 0.0496
Integration start scan : 68 Integration stop scan: 80
Y at integration start : 0 Y at integration end: 0

lmh198 09/07/08

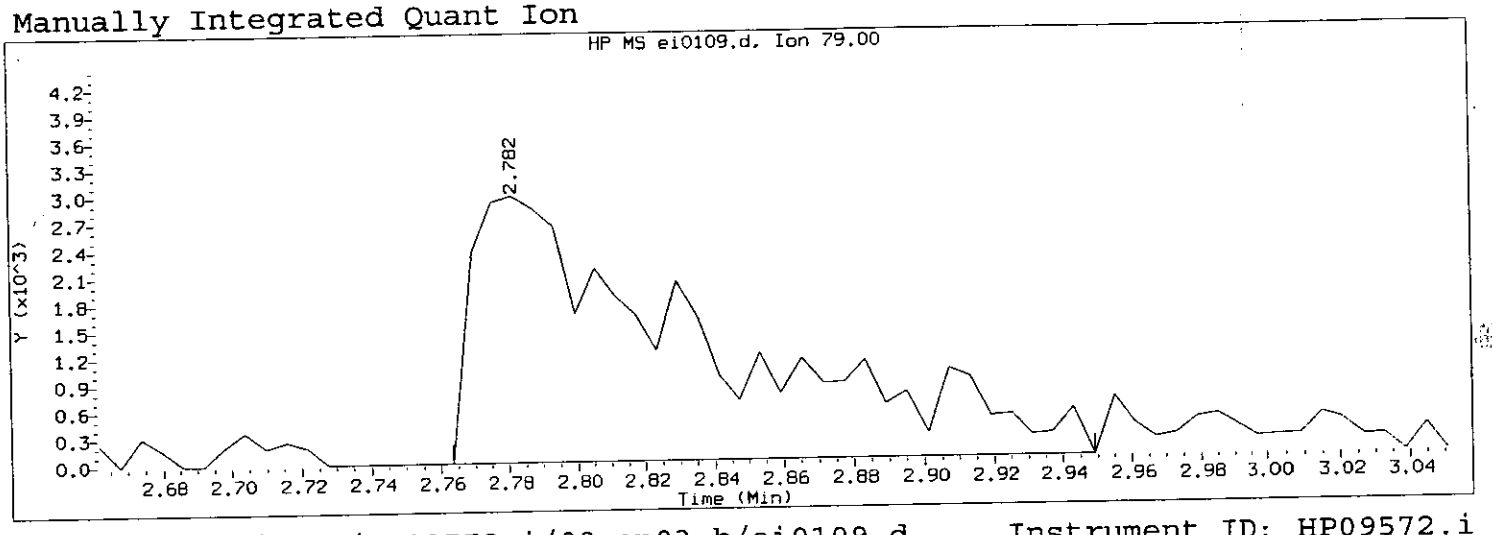
ASX85 0217

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 : 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

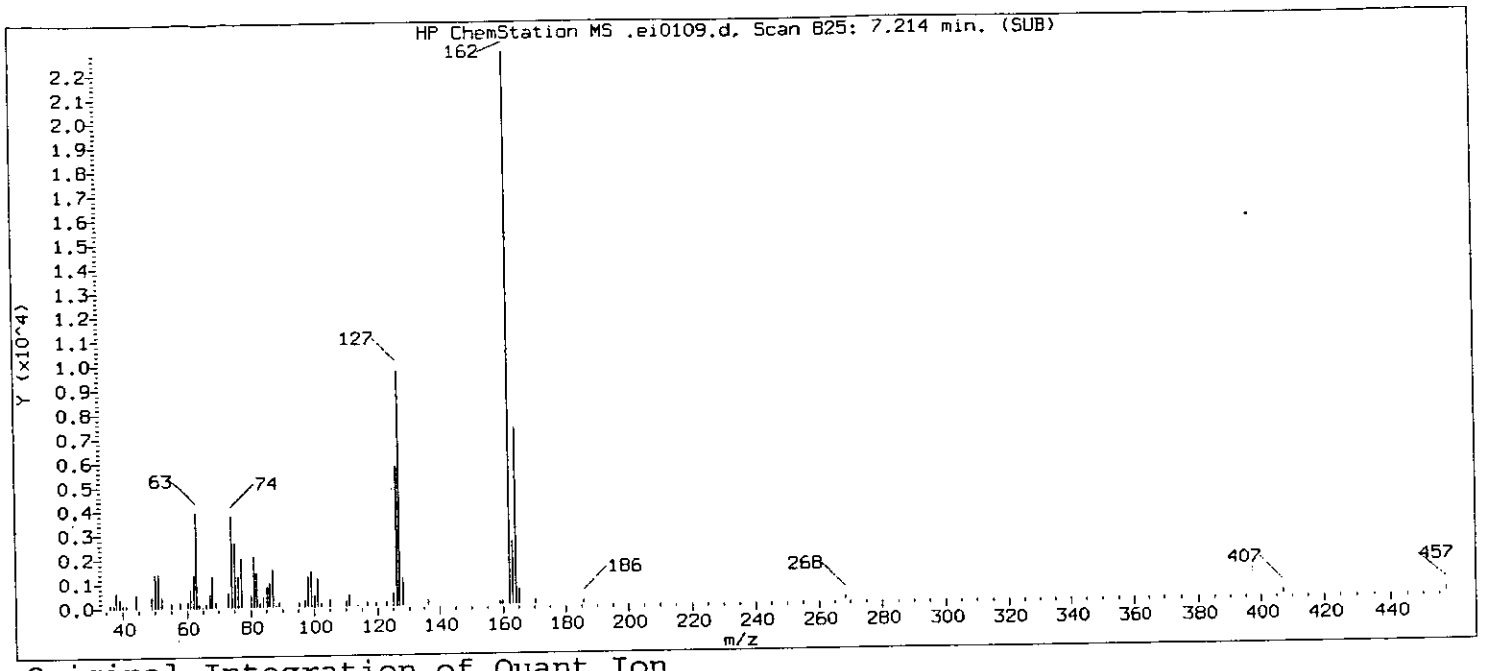
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1951 09/04/08

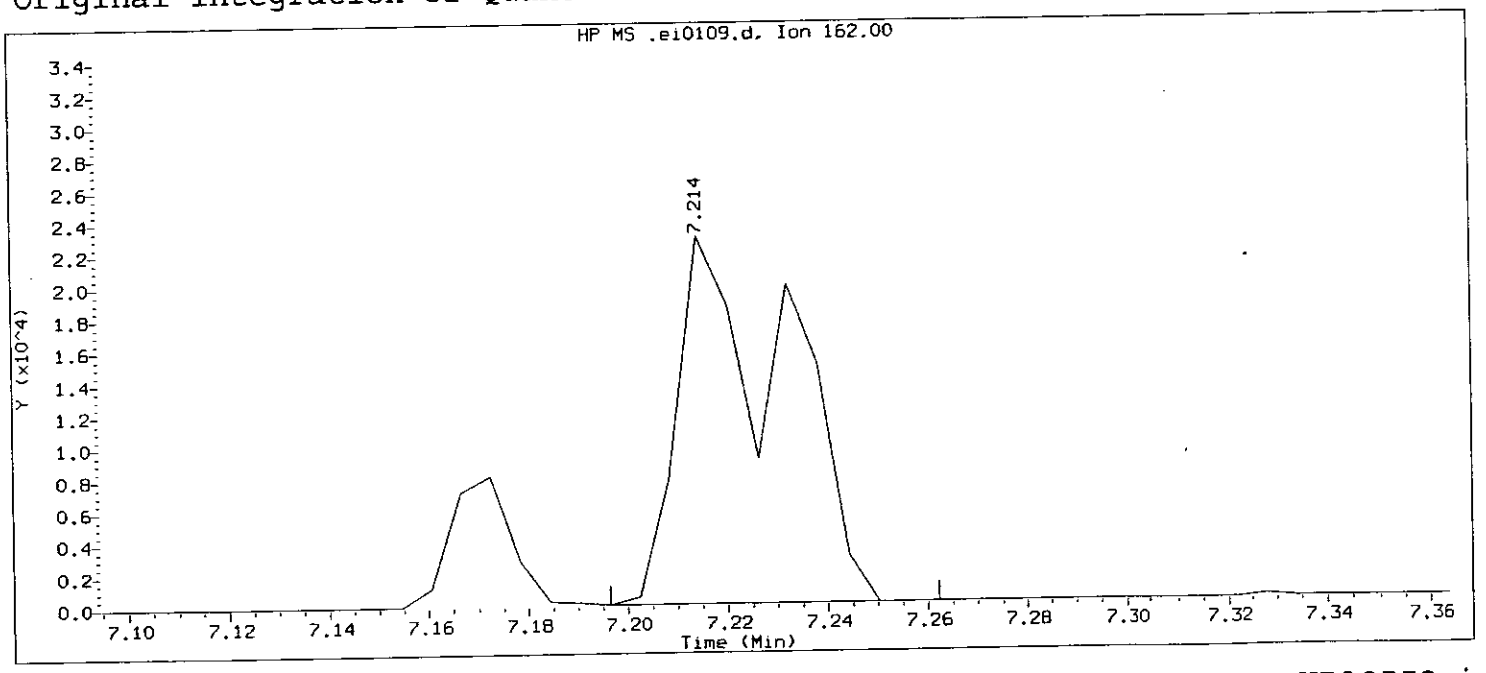
GC/MS audit/management approval: [illegible] 0218

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

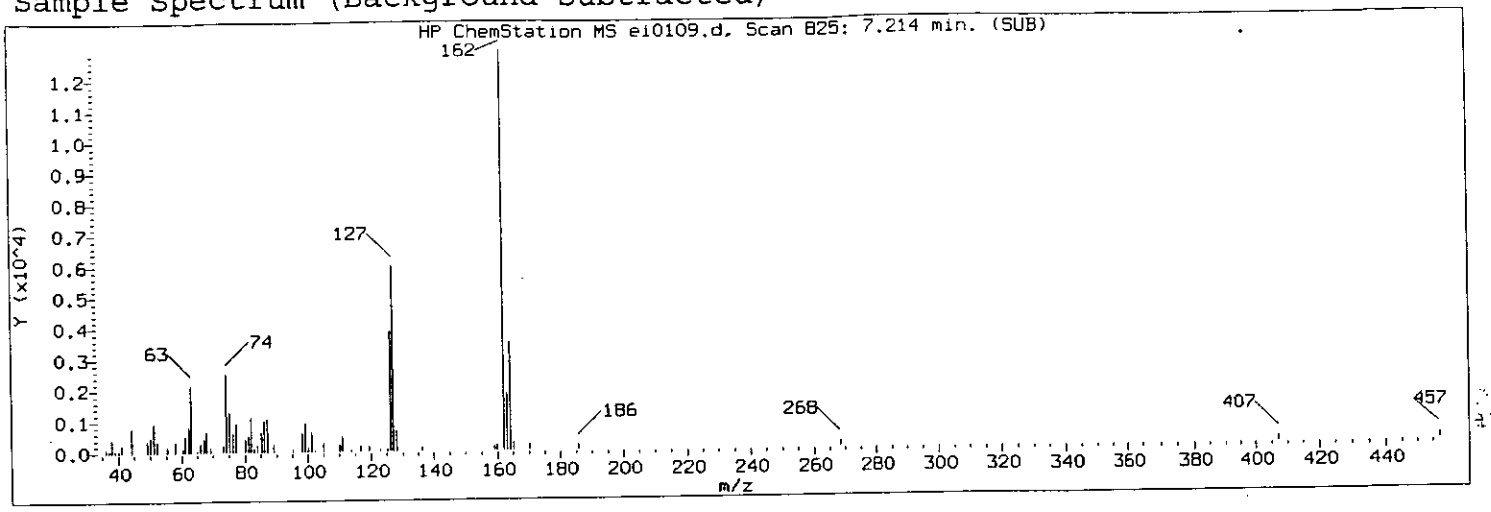
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area : 34586
Concentration (ng/ul) : 3.4282
Integration start scan : 821 Integration stop scan: 832
Y at integration start : 0 Y at integration end: 0

lmm198 09/07/08

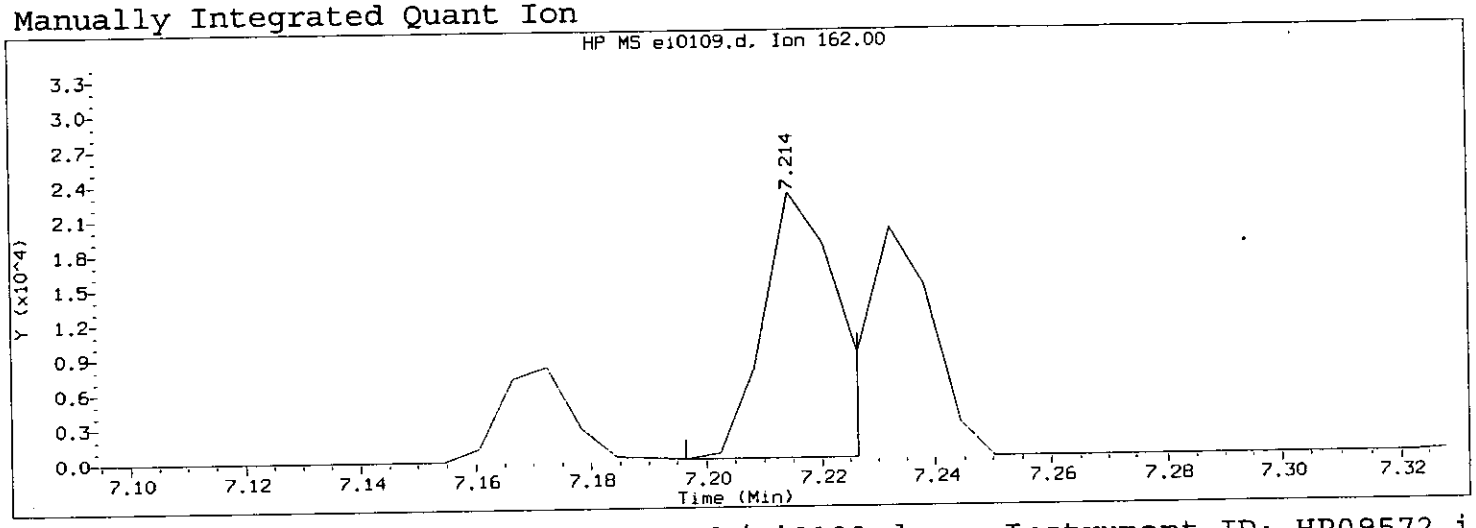
RSX05 0219

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

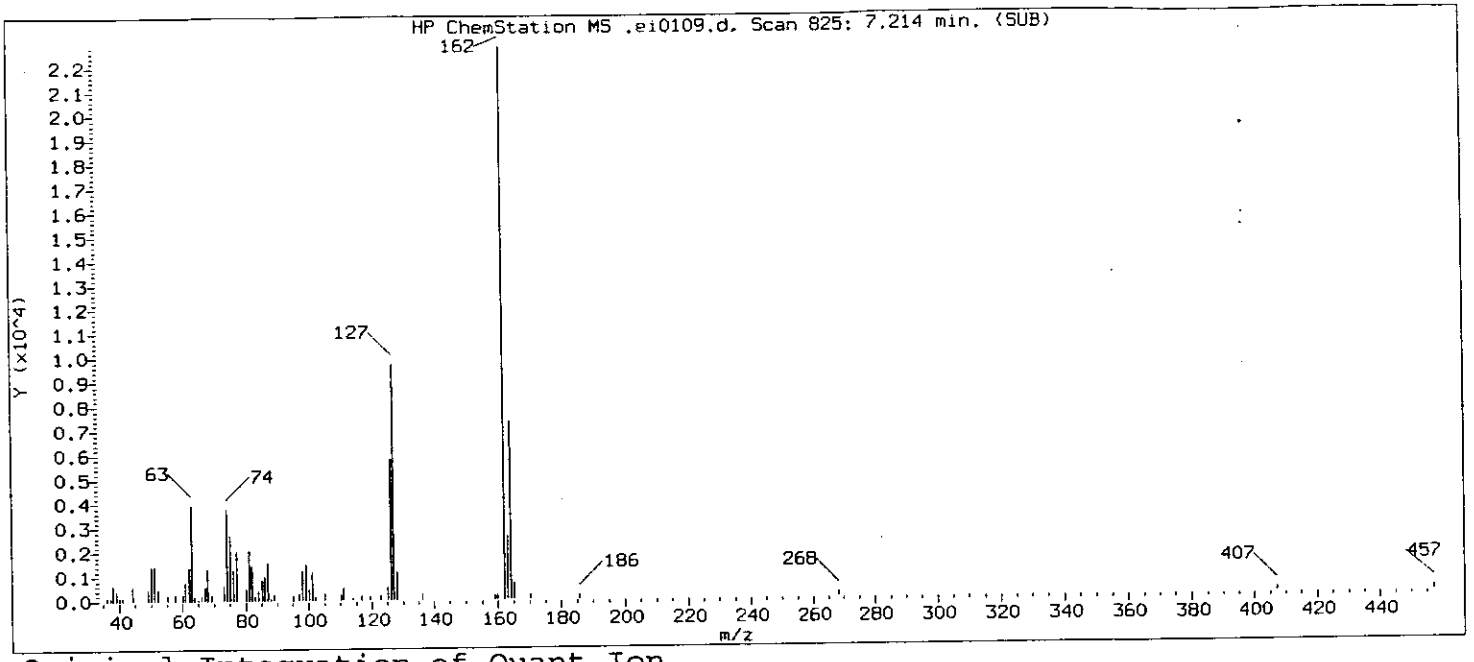
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 825
Retention Time (minutes): 7.214
Quant Ion : 162
Area (flag) : 21060 M
Concentration (ng/ul) : 2.0874
Integration start scan : 821 Integration stop scan: 826
Y at integration start : 0 Y at integration end: 0

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

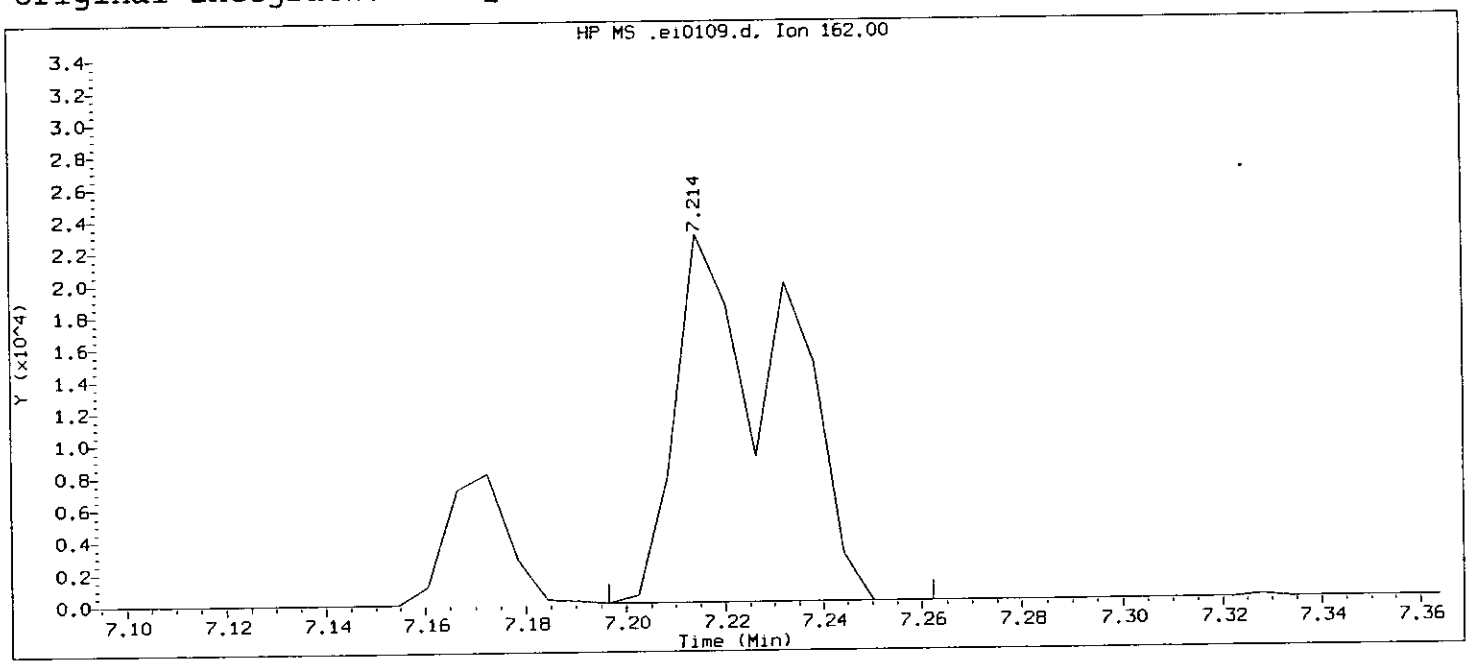
Analyst responsible for change: lmh198 09/04/08

GC/MS audit/management approval: [illegible] 9/4/08

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

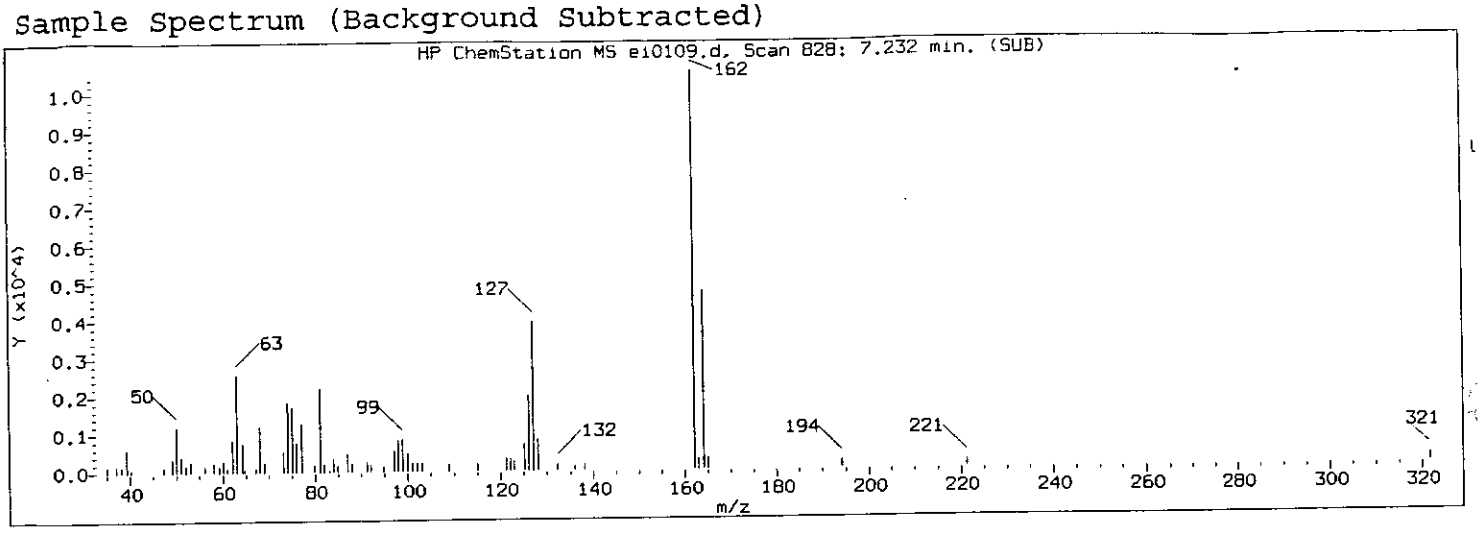
Lab Sample ID: 8270MDL2478

Compound Number : 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

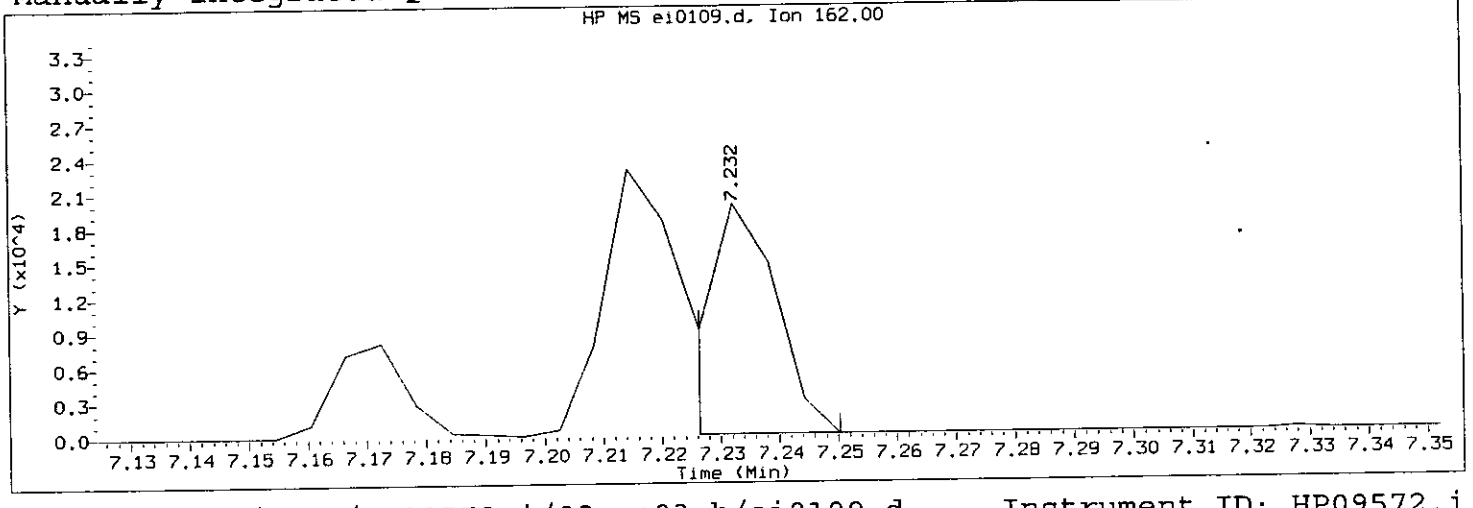
lmh195 09/04/08 ASX05 0221

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 : 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

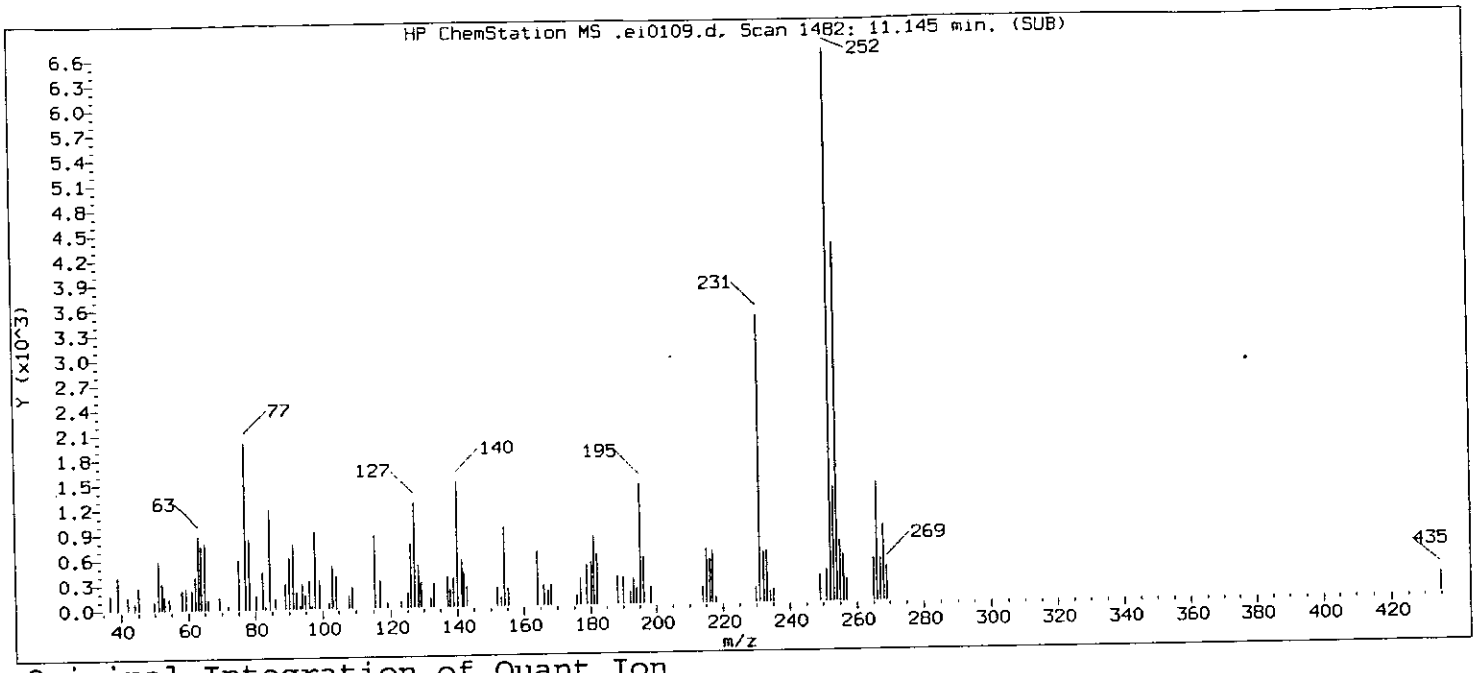
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh1956 09/04/08

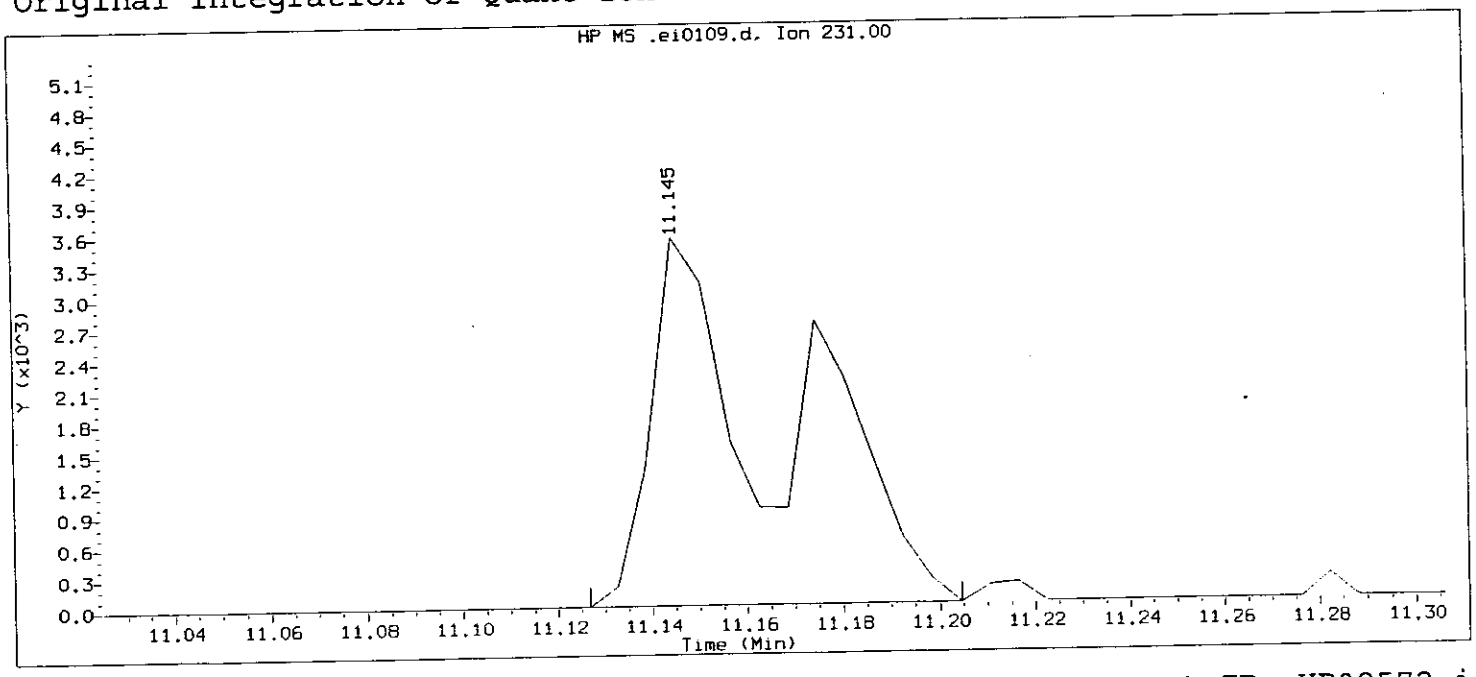
GC/MS audit/management approval: [illegible] 8222

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

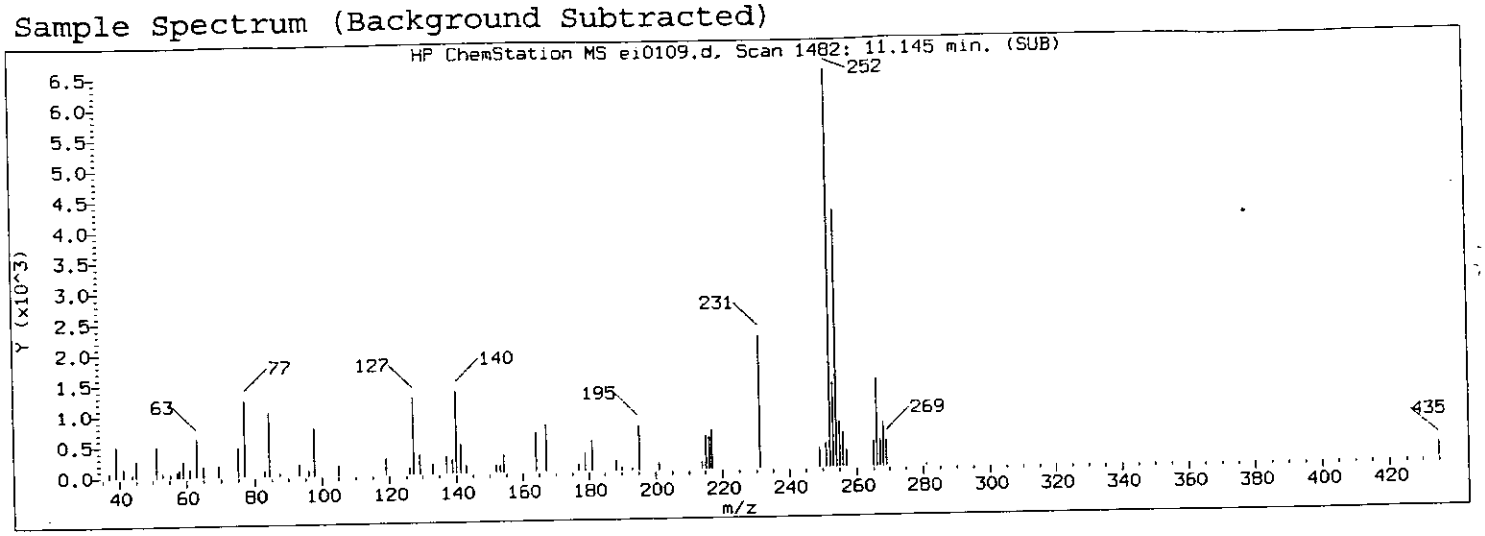
Compound Number	:	166
Compound Name	:	4,4'-Methylenebis(2-Chloroanil
Scan Number	:	1482
Retention Time (minutes)	:	11.145
Quant Ion	:	231
Area	:	6754
Concentration (ng/ul)	:	4.8949
Integration start scan	:	1478
Y at integration start	:	0

Integration stop scan: 1491
Y at integration end: 0

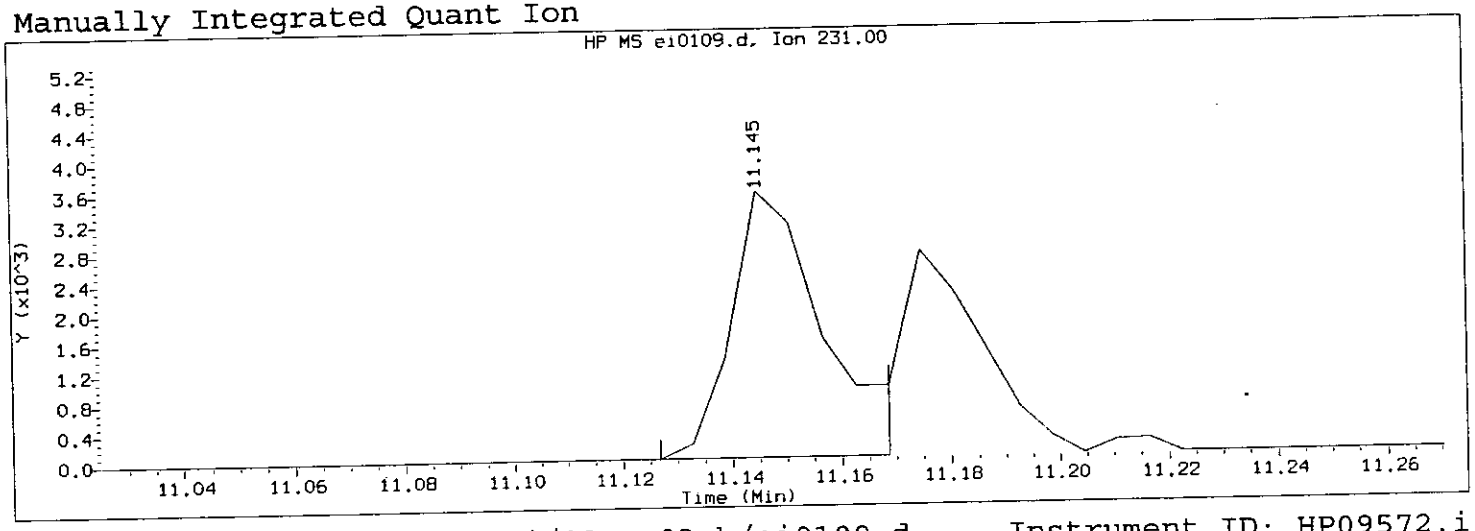
lmh198 09/04/08 ASX05 223

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

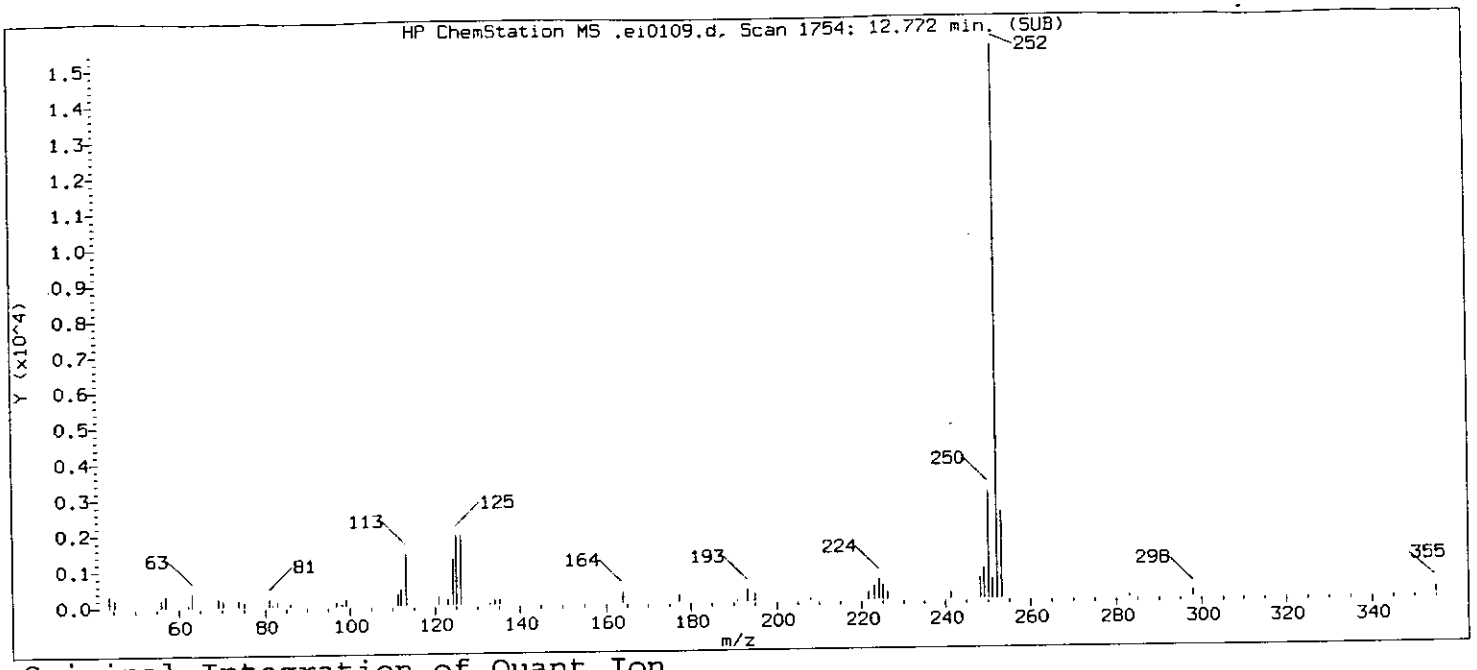
Compound Number : 166
Compound Name : 4,4'-Methylenebis(2-Chloroanil
Scan Number : 1482
Retention Time (minutes): 11.145
Quant Ion : 231
Area (flag) : 4173 M
Concentration (ng/ul) : 4.2278
Integration start scan : 1478 Integration stop scan: 1485
Y at integration start : 0 Y at integration end: 0

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

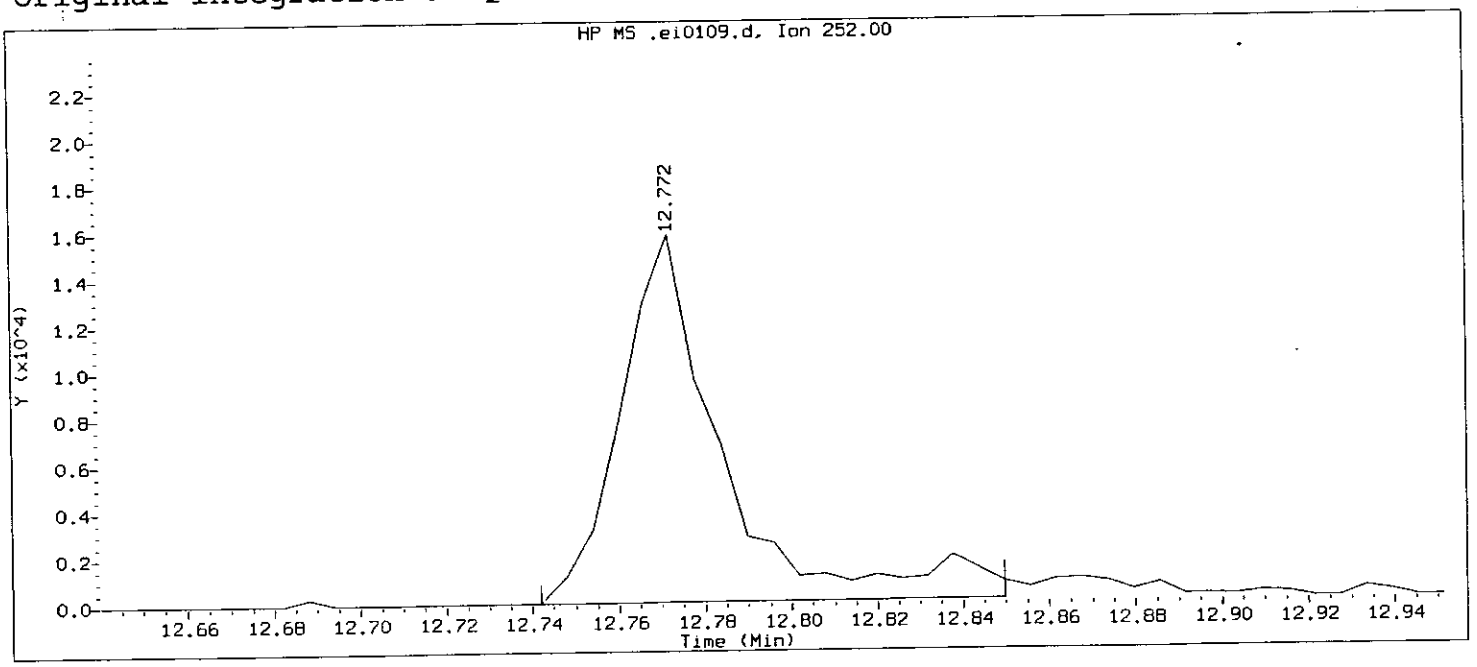
Analyst responsible for change: lmh1956 09/04/08

GC/MS audit/management approval: [illegible] 0224

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

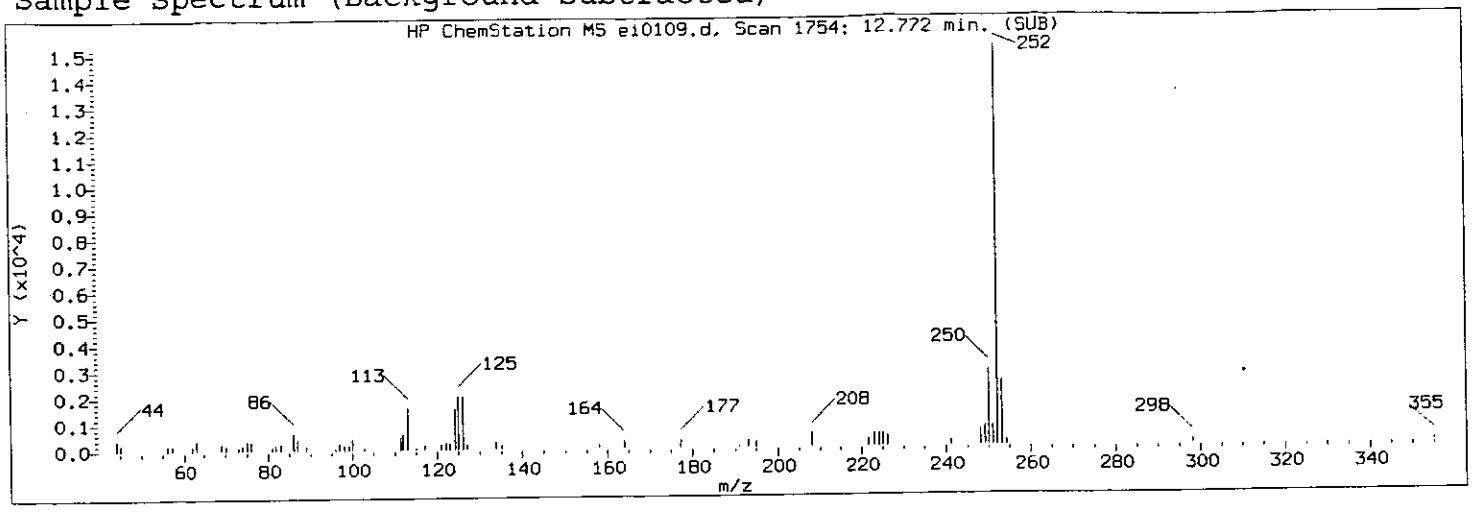
Lab Sample ID: 8270MDL2478

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 Integration stop scan: 1766
Y at integration start : 0 Y at integration end: 60

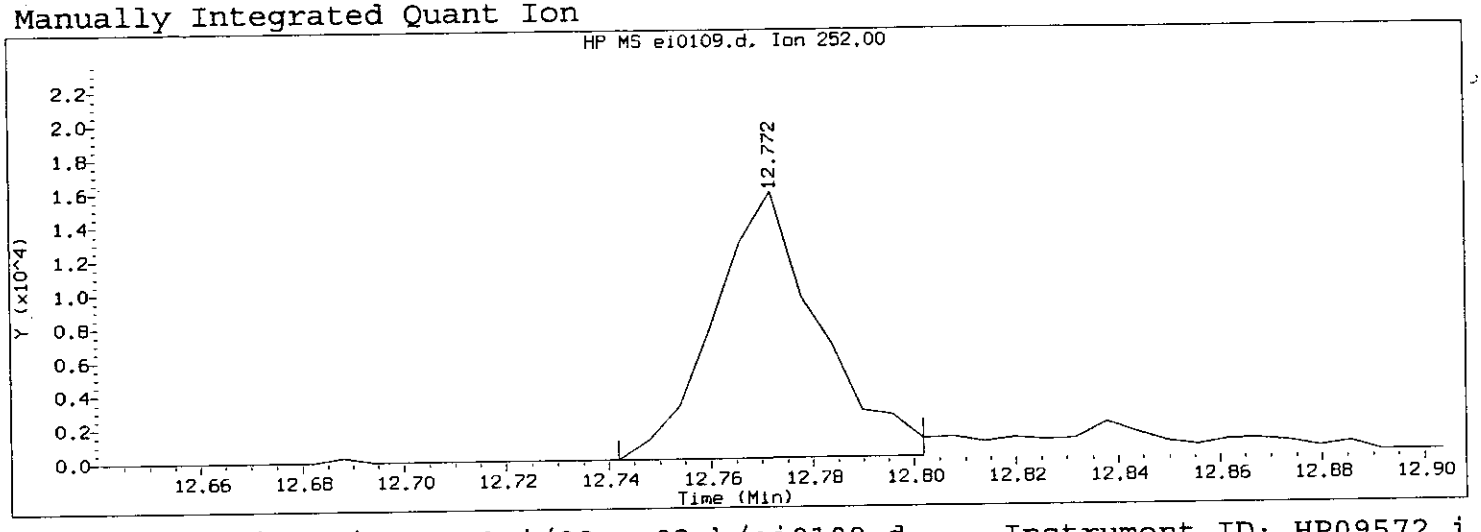
lmh193 09/04/08

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 : 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

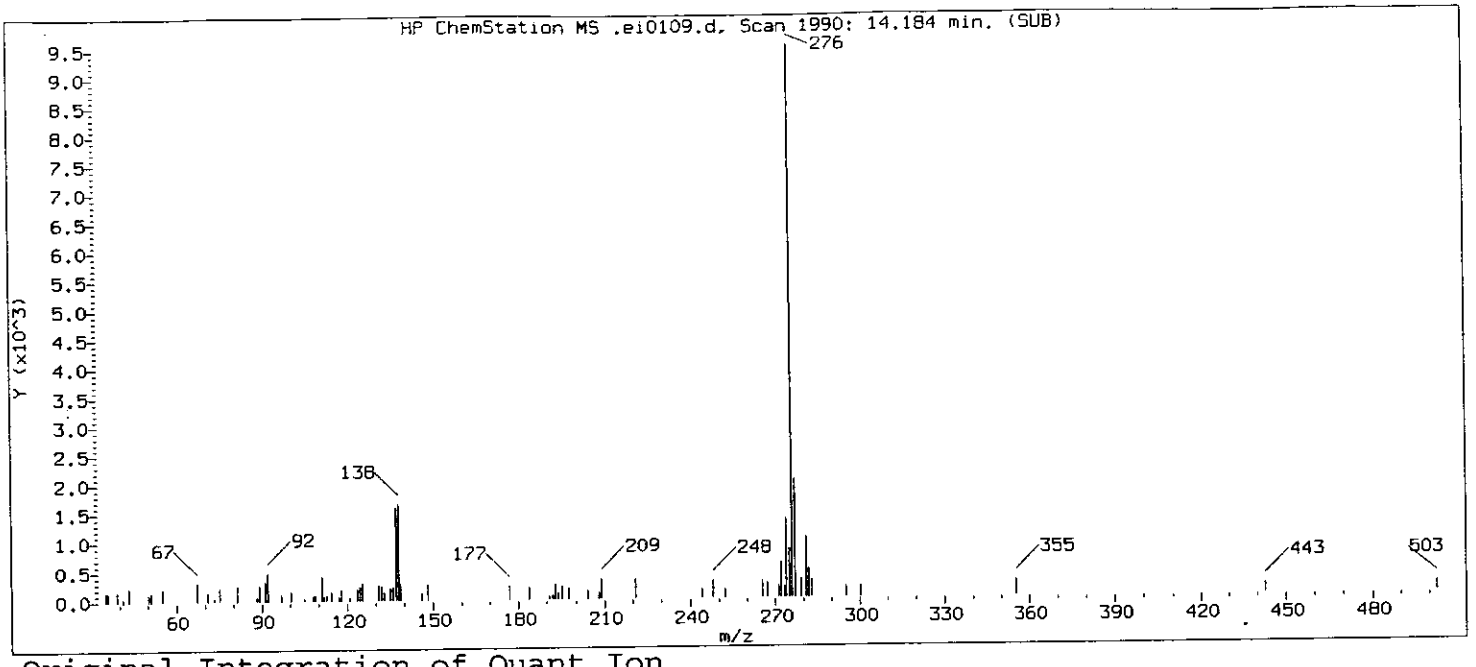
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: LMH198 09/04/08

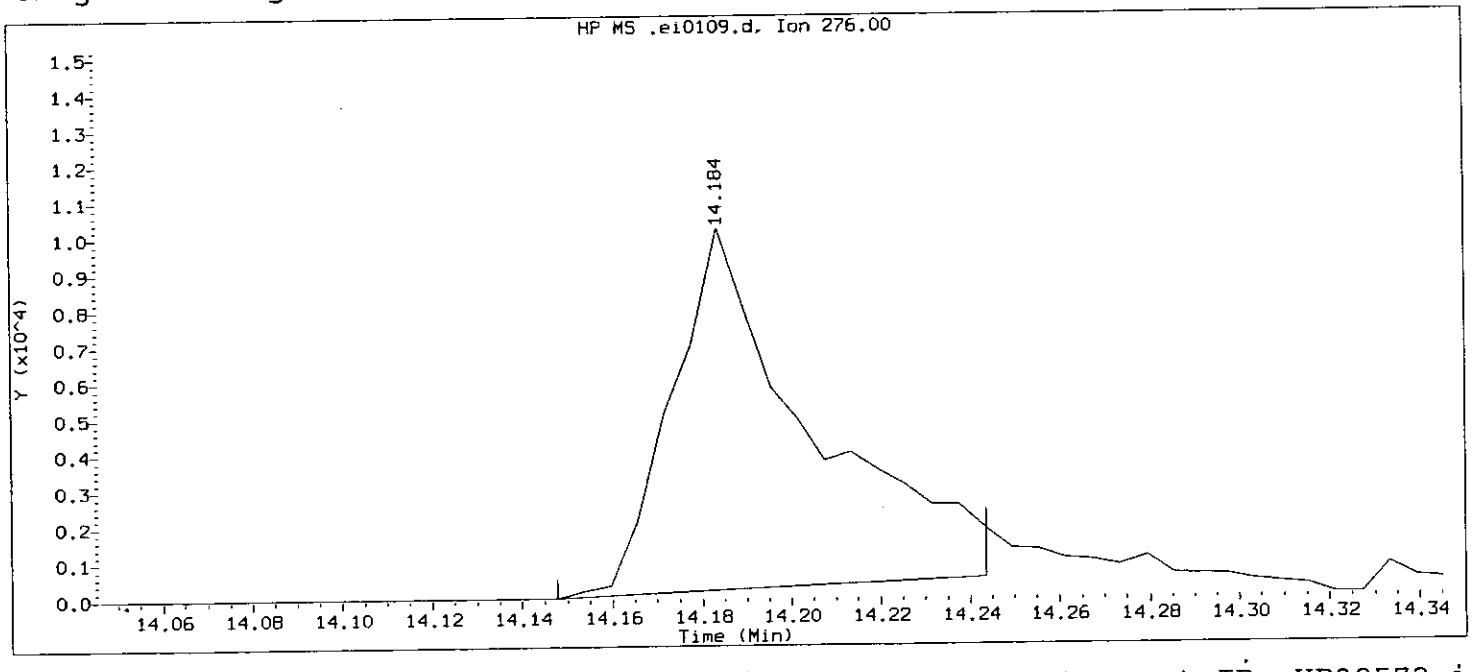
GC/MS audit/management approval: [illegible] 9/5/08

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 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 02:28 Automation

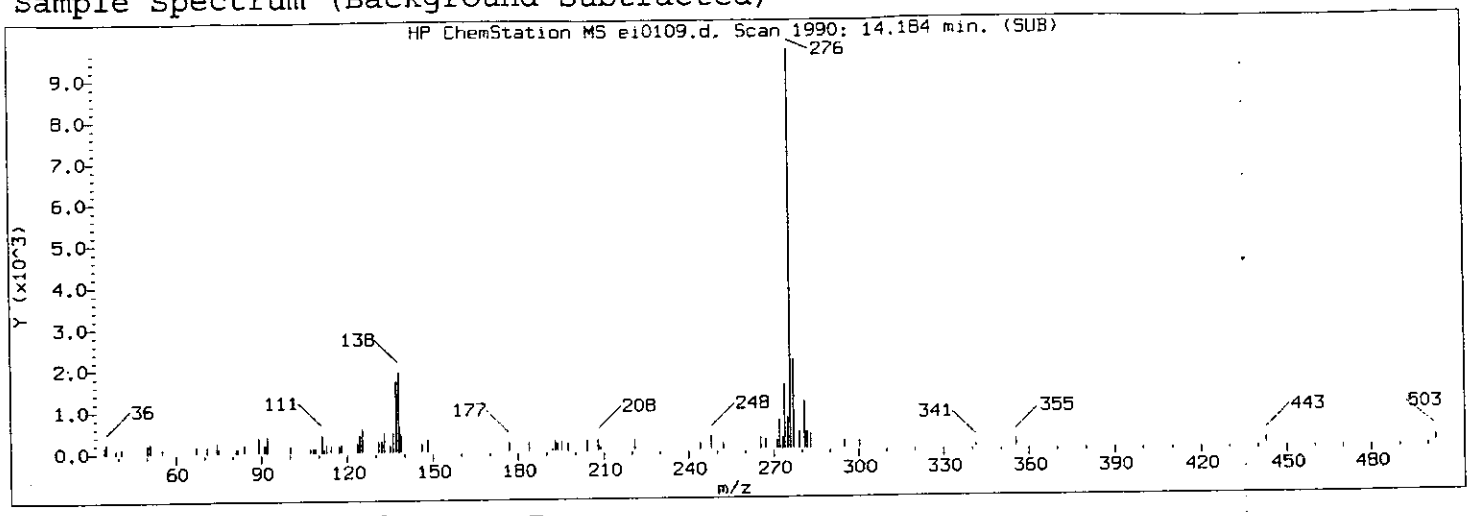
Sample Name: SSTD001 Lab Sample ID: 8270MDL2478

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 Integration stop scan: 1999
Y at integration start : 0 Y at integration end: 502

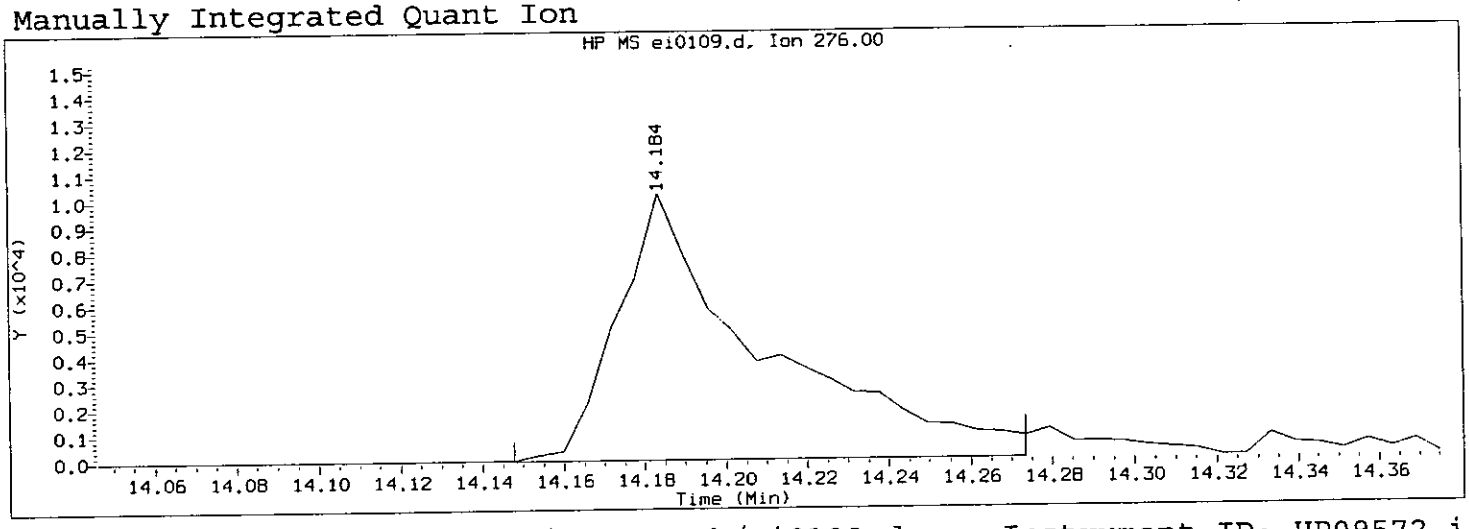
lmh198 09/04/08

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 : 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 Integration stop scan: 2004
Y at integration start : -29 Y at integration end: -29

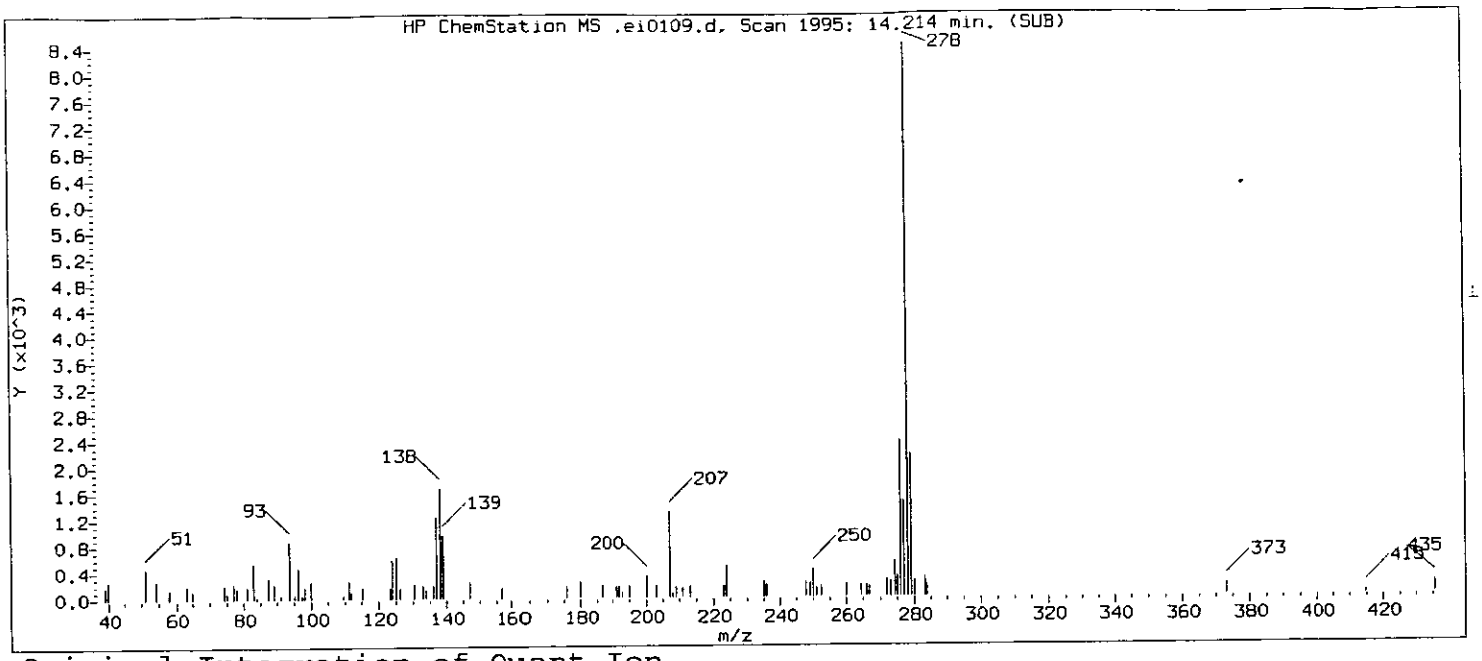
Reason for manual integration (circle one): missed peak, improper integration

Analyst responsible for change: lmh1956 09/04/08

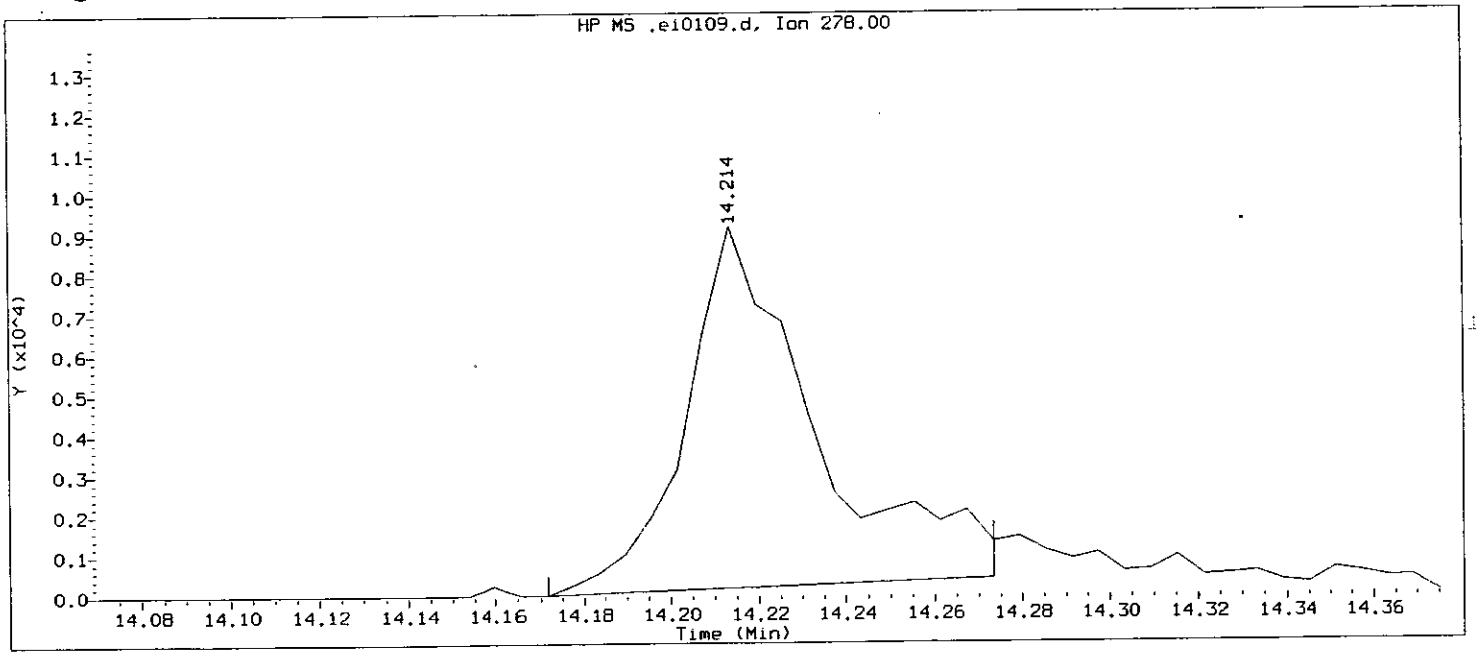
GC/MS audit/management approval: [illegible] 09/04/08

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 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 02:28 Automation

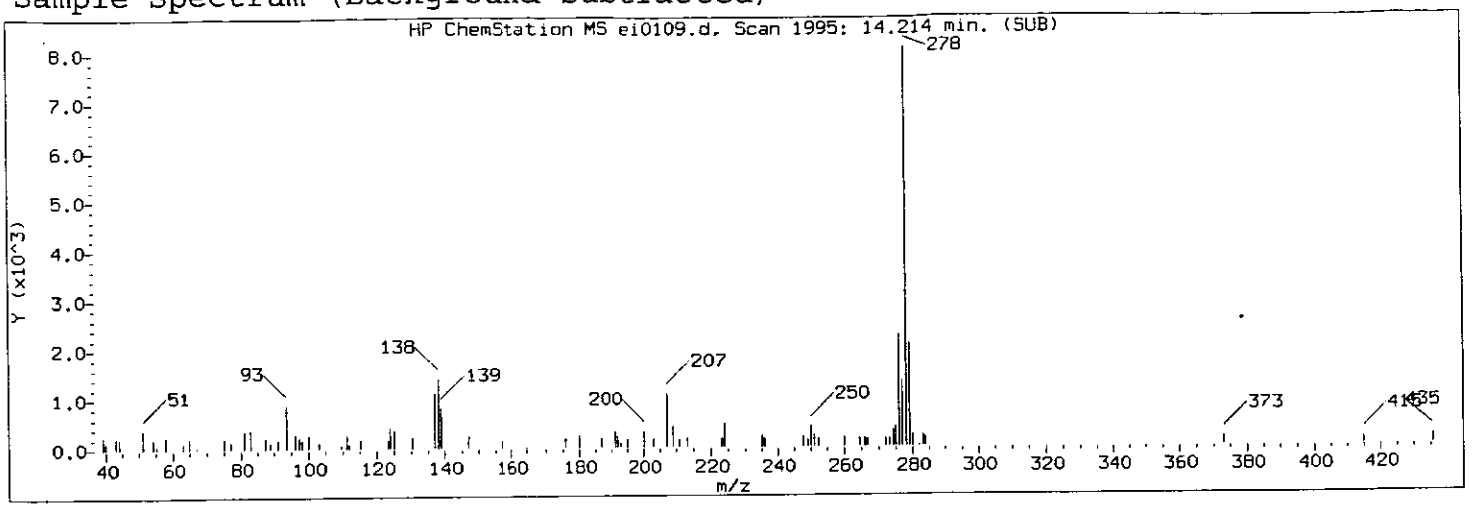
Sample Name: SSTD001 Lab Sample ID: 8270MDL2478

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

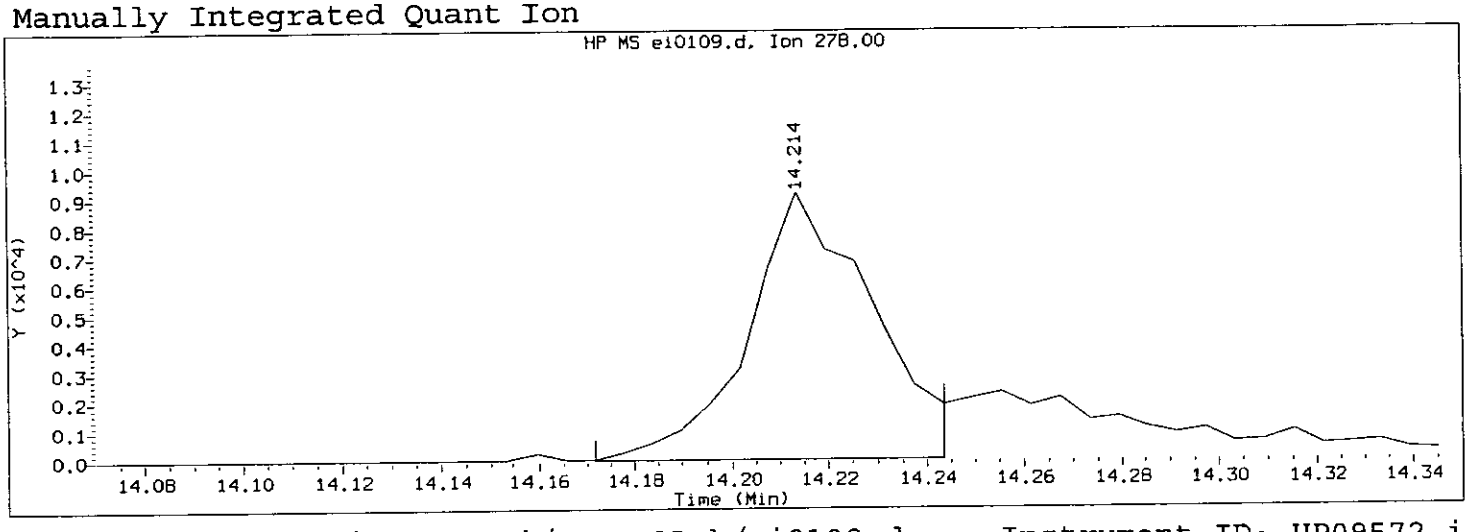
lmh198 09/04/08

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: lmh 09/10/08

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

Manual Integration Report for data file /chem/HP09572.i/08sep03.b/ei0109.d, generated on 09/04/2008 at 23:04

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: YMM 1956 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

ASX05 0231

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:

ASX05 0232

Lancaster Laboratories, Inc.
Semi Volatile Initial Calibration Verification

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

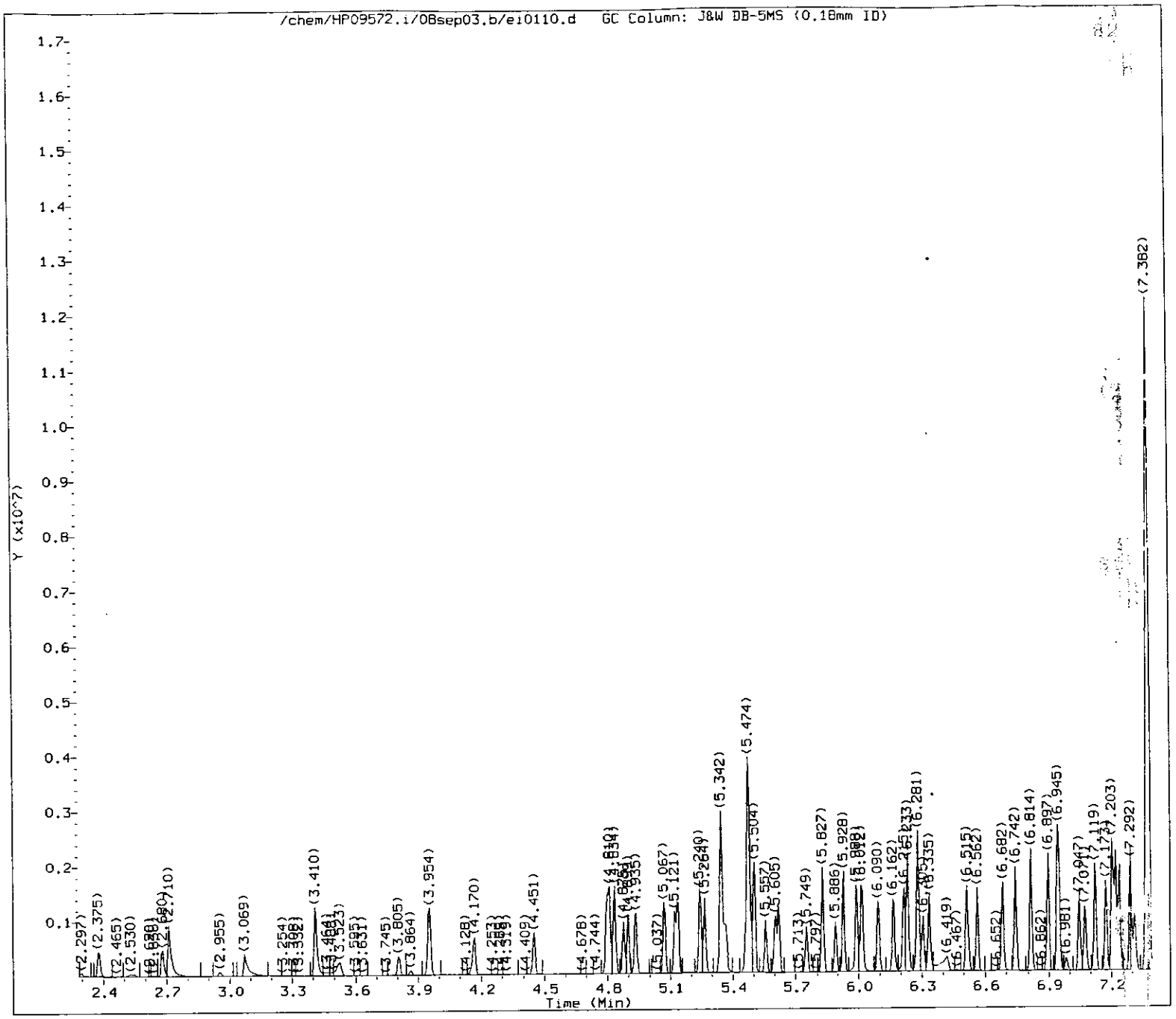
Method: SW-846 8270C File ID: ei0110.d

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:



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

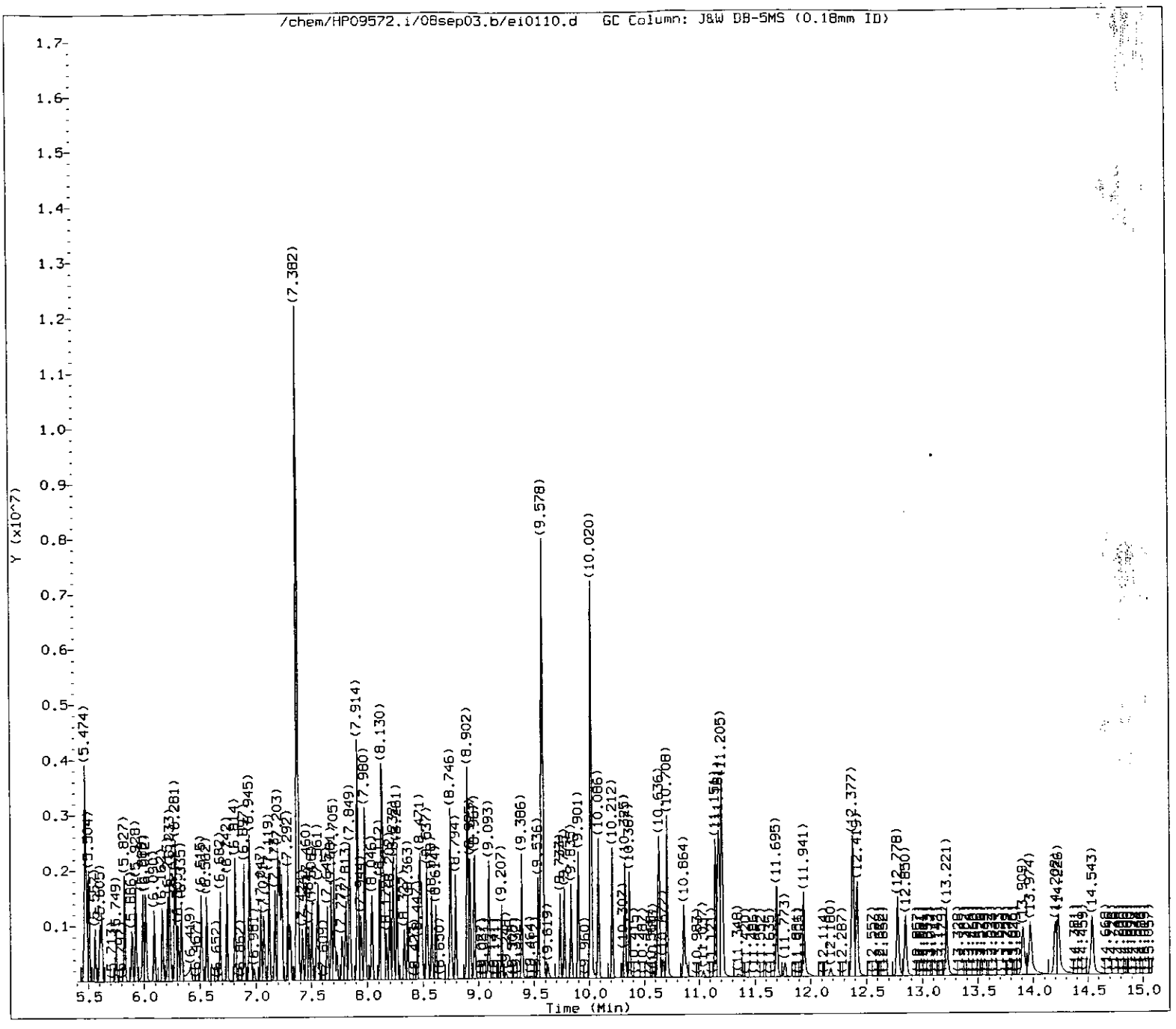
Date, time and analyst ID of latest file update: 04-Sep-2008 23:04 lmh00956

Sample Name: SSTD050

Lab Sample ID: ICV2358

ASX05-0234

lmh198 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
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

ASX05 0235

Lmn19889107106

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
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

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

ASX05 0236

Quant Report

Target Revision 3.5

Data File: /chem/HP09572.i/08sep03.b/ei0110.d Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:34 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 23:04 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

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

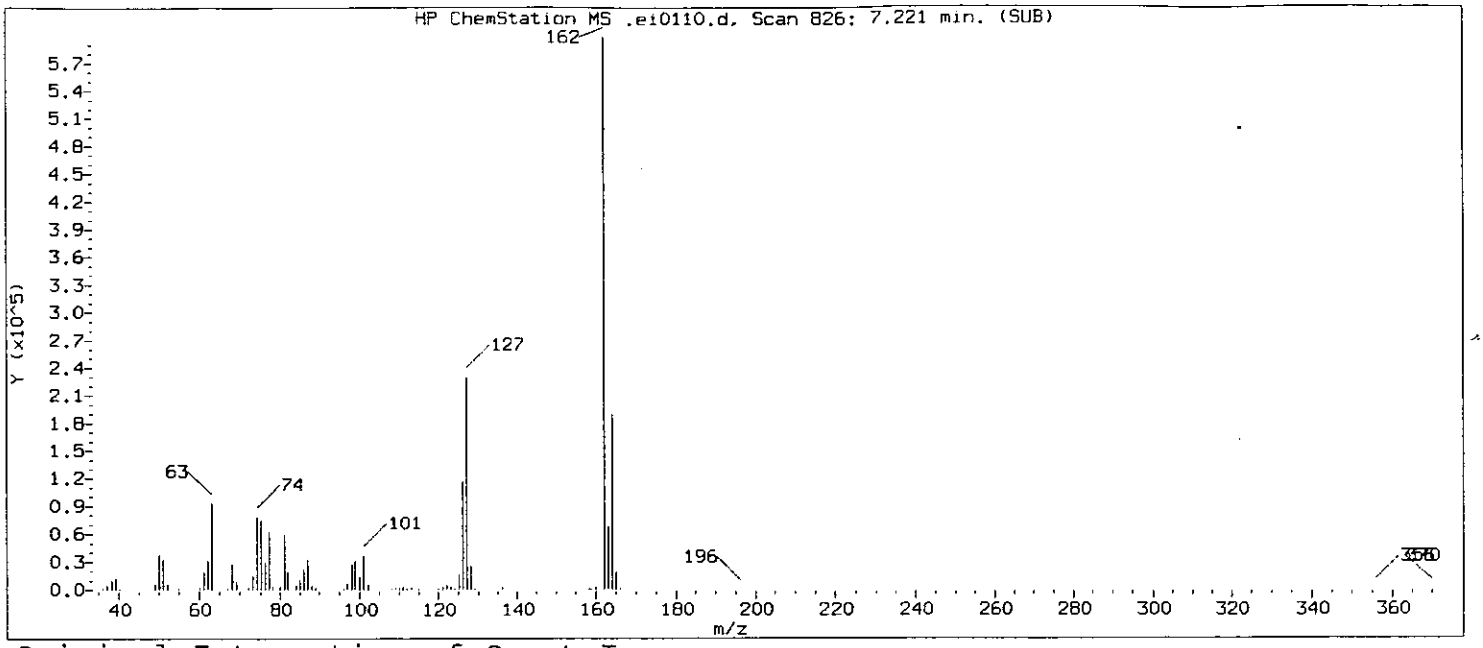
Lab Sample ID: ICV2358

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	44.368[illegible]
181) Dibenz(a,h)anthracene	(6)	14.232	278	688145	47.2748
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

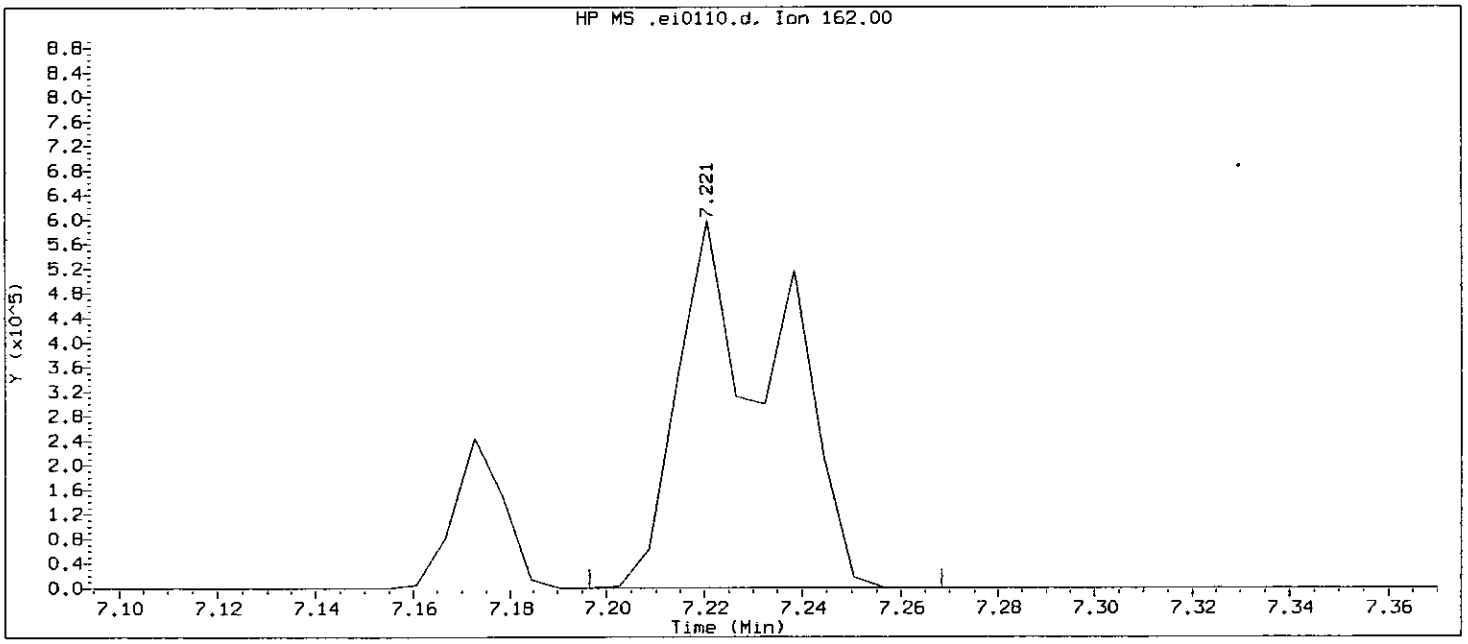
M = Compound was manually integrated.

A = User selected an alternate hit

Sample Spectrum (Background Subtracted)



Original Integration of Quant Ion



Data File: /chem/HP09572.i/08sep03.b/ei0110.d Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:34 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 02:51 Automation

Sample Name: SSTD050 Lab Sample ID: ICV2358

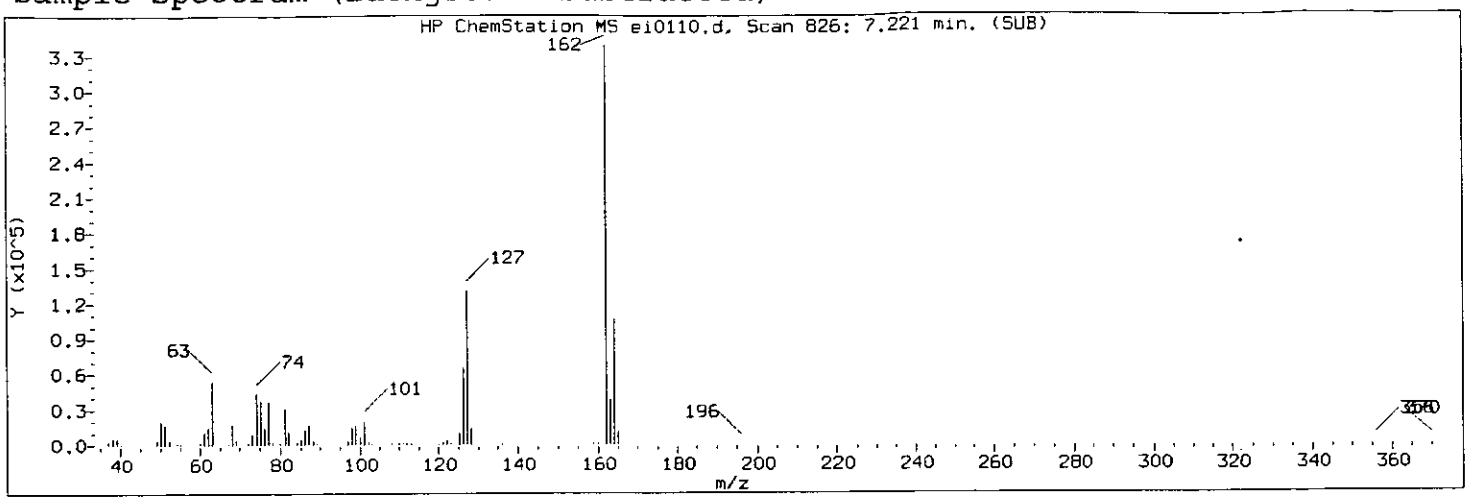
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.221
Quant Ion : 162
Area : 850736
Concentration (ng/ul) : 86.2655
Integration start scan : 821 Integration stop scan: 833
Y at integration start : 85 Y at integration end: 93

lmh 09/07/08

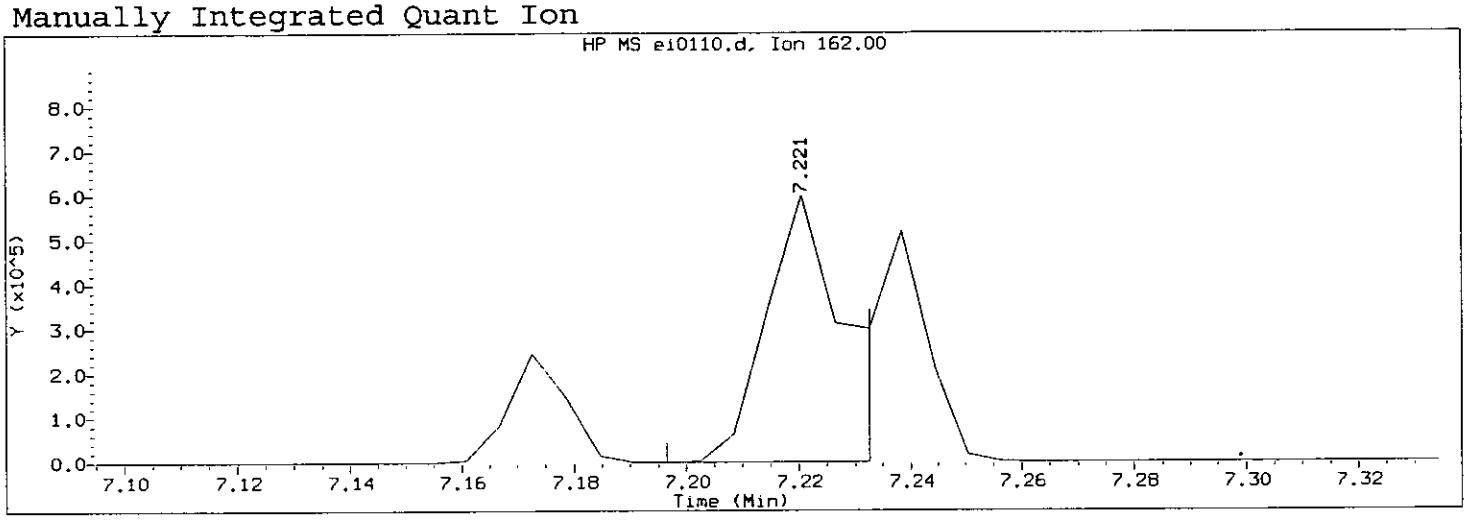
ASX05 0239

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 Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:34 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 23:04 lmh00956

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

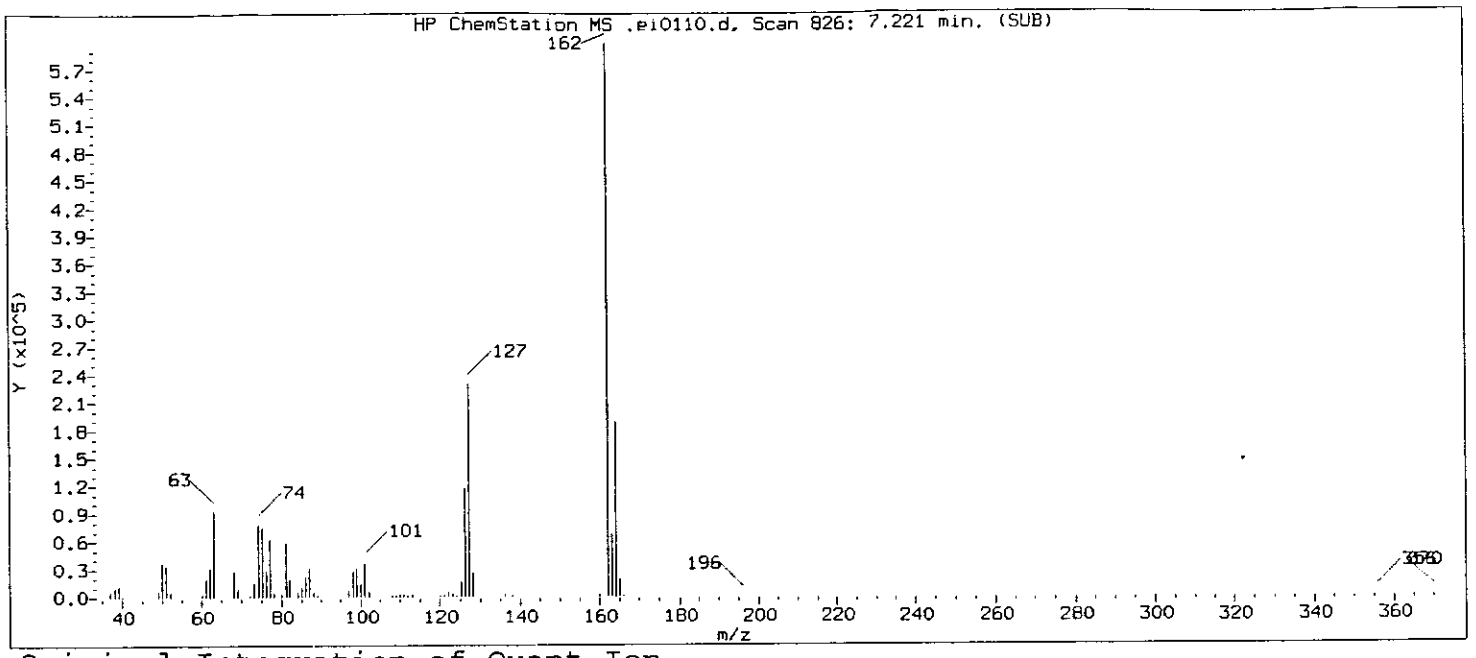
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmh 09/04/08

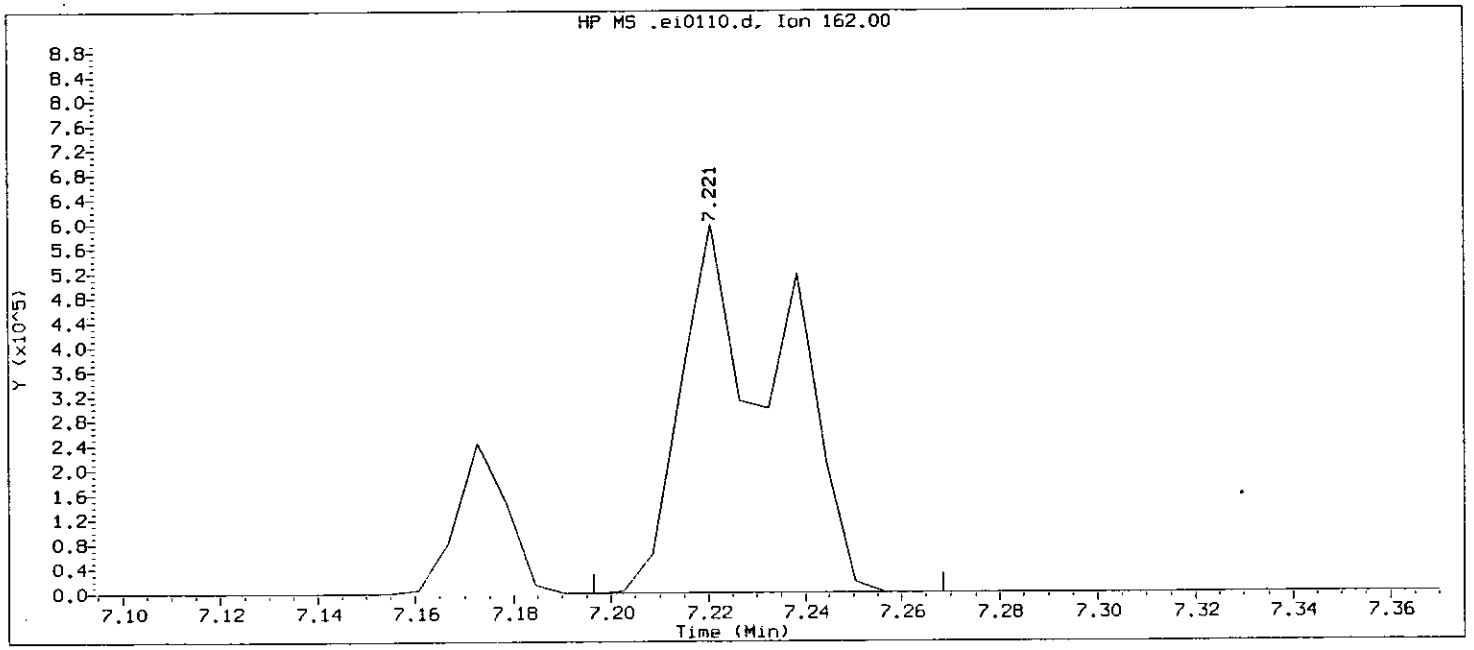
GC/MS audit/management approval: [illegible] 9/5/08

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 Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:34 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 02:51 Automation

Sample Name: SSTD050 Lab Sample ID: ICV2358

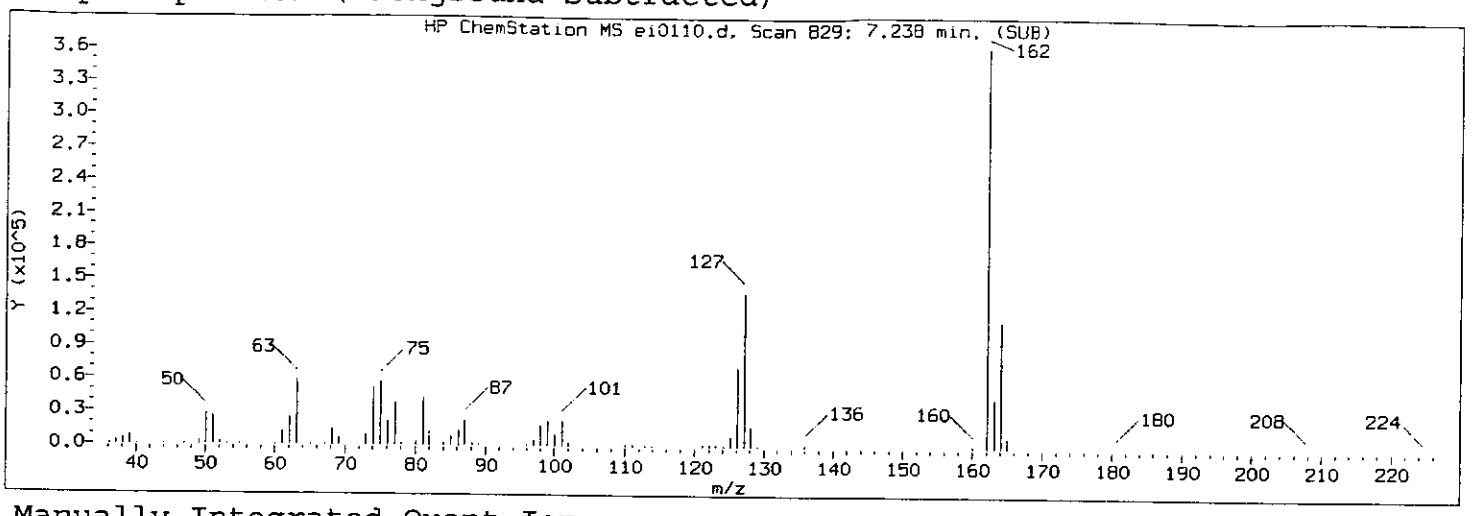
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 826
Retention Time (minutes): 7.221
Quant Ion : 162
Area : 850736
Concentration (ng/ul) : 101.4522
Integration start scan : 821 Integration stop scan: 833
Y at integration start : 85 Y at integration end: 93

lmh19 09/04/08

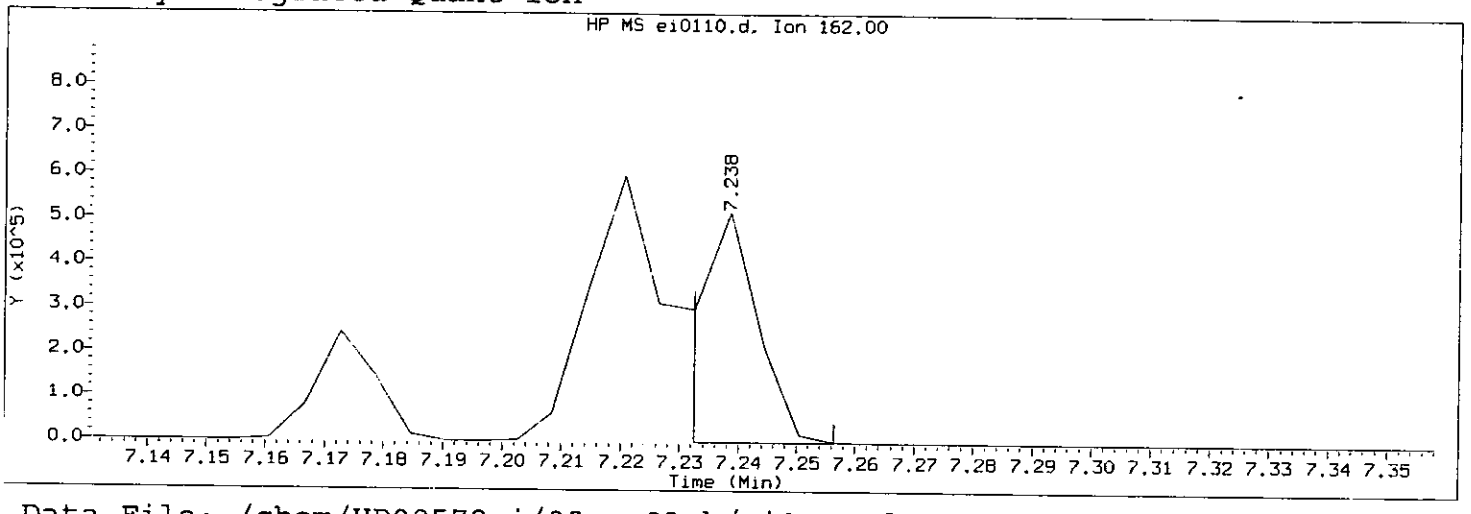
ASX05 0241

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 Instrument ID: HP09572.i
Injection date and time: 04-SEP-2008 02:34 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 23:04 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: [illegible] 9/5/08

ASX85 0242

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	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#

ASX85 0243

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

ASX05 0244

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

ASX05 0245

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

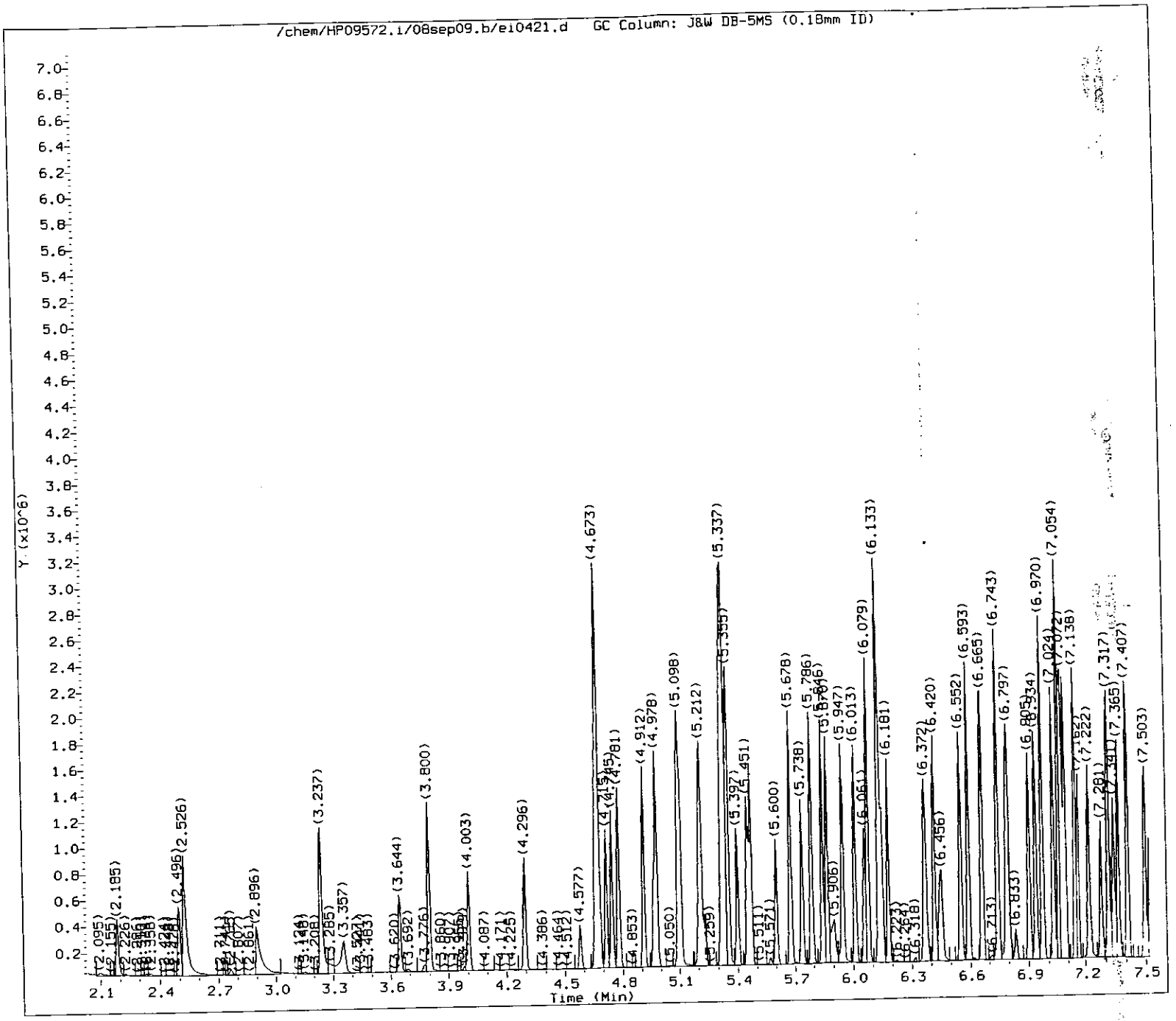
Internal Standard Name	File ID: ei0421.d	ICAL RT	In Spec
1,4-Dichlorobenzene-d4	4.966	5.121	Yes
Naphthalene-d8	6.061	6.214	Yes
Acenaphthene-d10	7.527	7.678	Yes
Phenanthrene-d10	8.747	8.903	Yes
Chrysene-d12	10.996	11.184	Yes
Perylene-d12	12.606	12.846	Yes

A "No" indicates the retention time is greater than 30 seconds from the RT of the referenced ICAL average.

Comments: 4-9-08

ASX05 0246

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

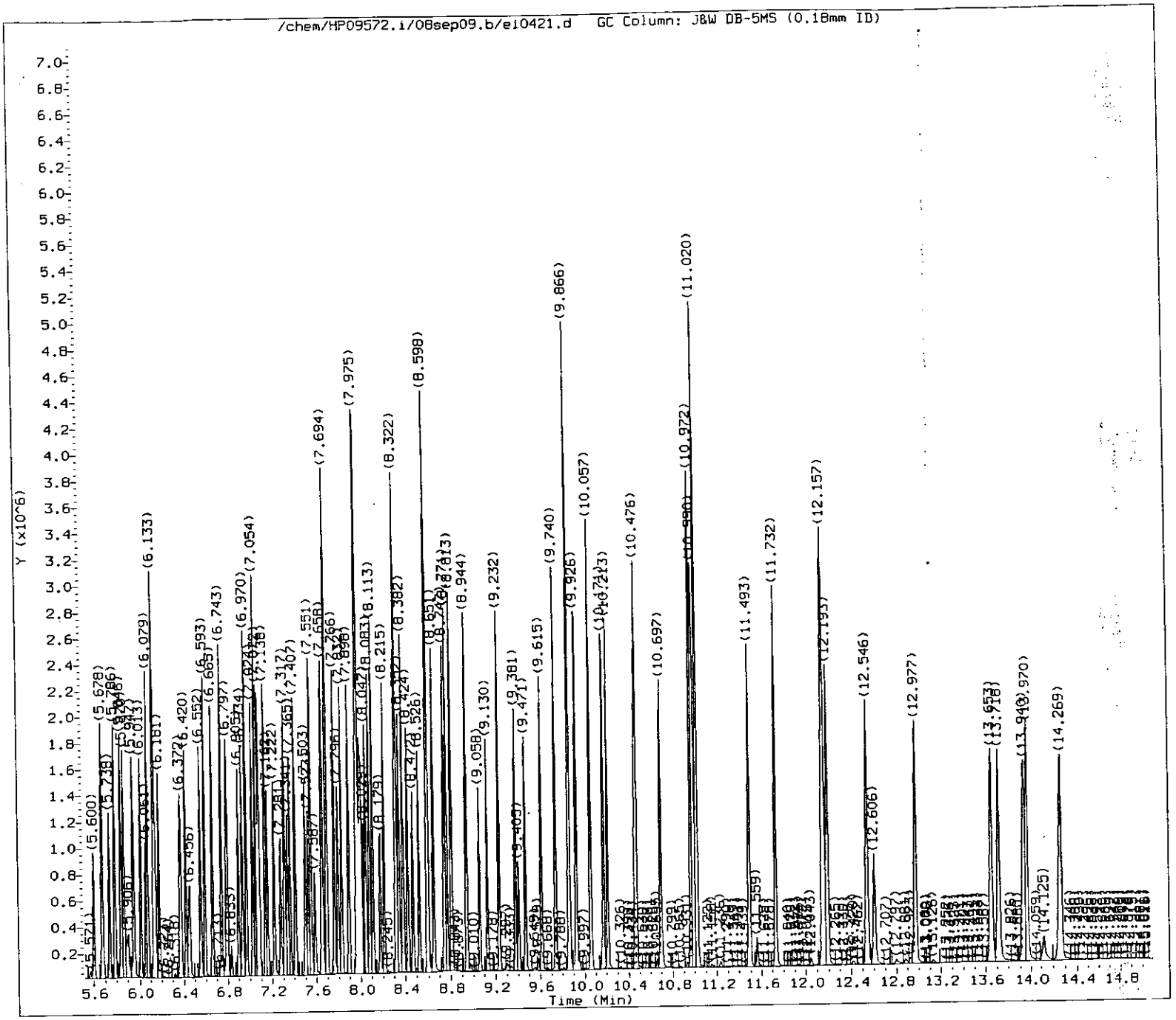
Date, time and analyst ID of latest file update: 09-Sep-2008 14:32 rpb01568

Sample Name: SSTD080

Lab Sample ID: STD2478

9-9-08

nSX85 0247



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

9-1-08

ASXB5 0248

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

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	80.5400
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	79.2633
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

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

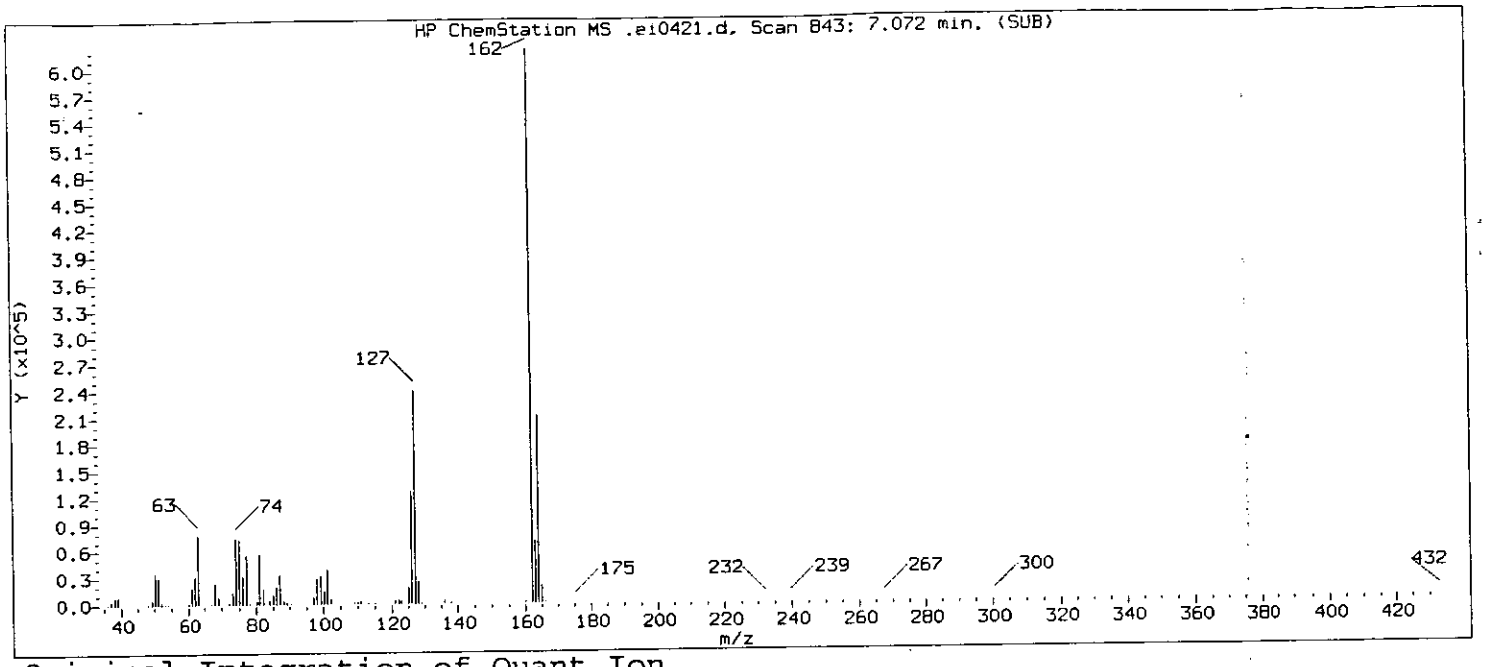
Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
169) Chrysene	(5)	11.026	228	914163	77.4948
170) bis(2-Ethylhexyl)phthalate	(5)	11.020	149	632188 A	85.4218
171) Di-n-octylphthalate	(6)	11.732	149	1206054	89.6669
172) 7,12-Dimethylbenz[a]anthracene	(6)	12.151	256	560155	84.3864
173) Benzo(b)fluoranthene	(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.

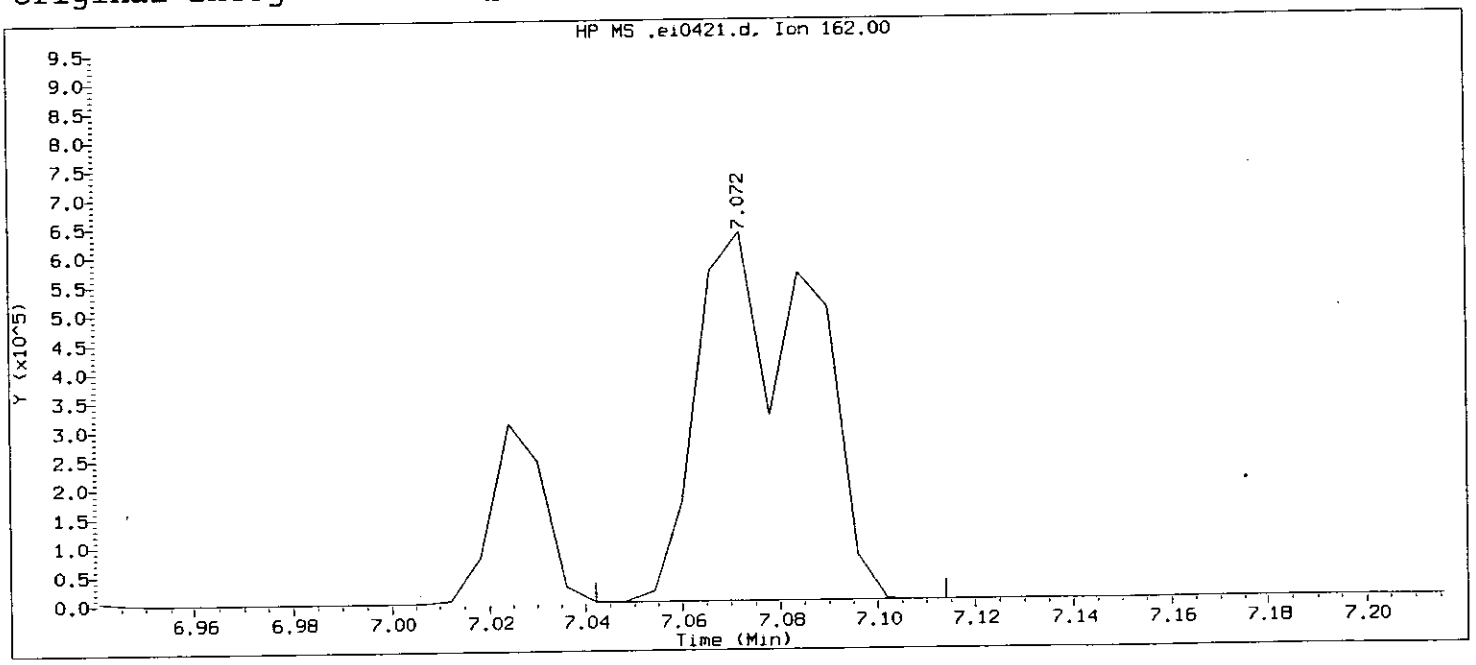
A = User selected an alternate hit

ASX85 0251

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

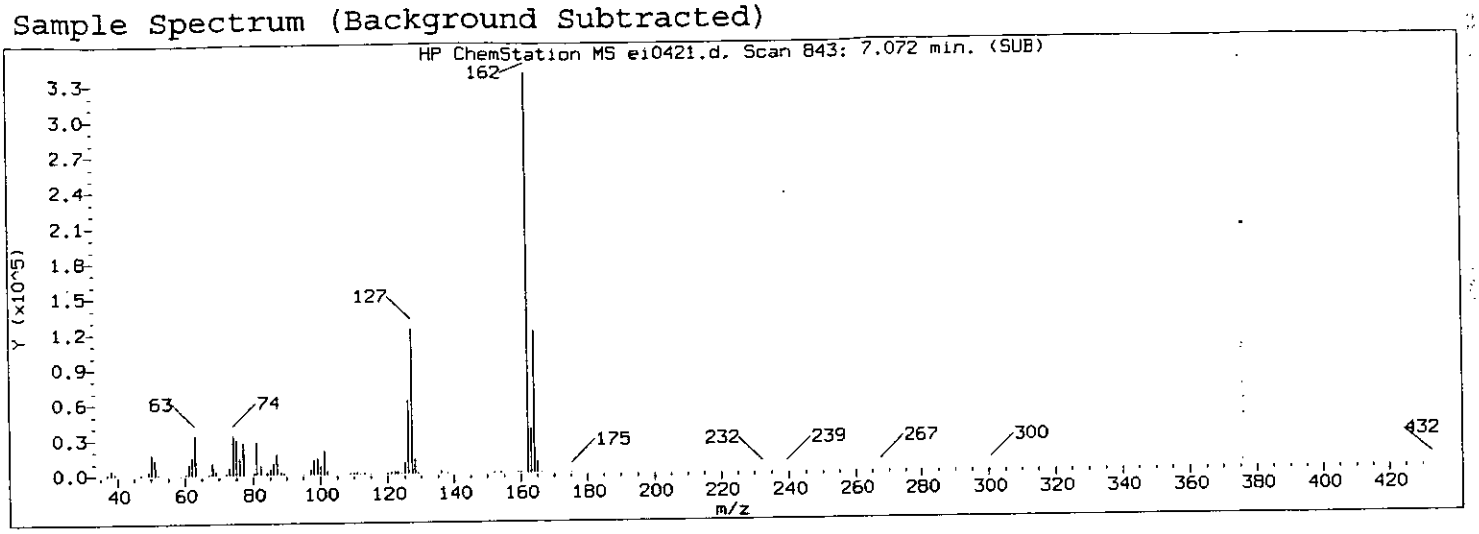
Sample Name: SSTD080 Lab Sample ID: STD2478

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

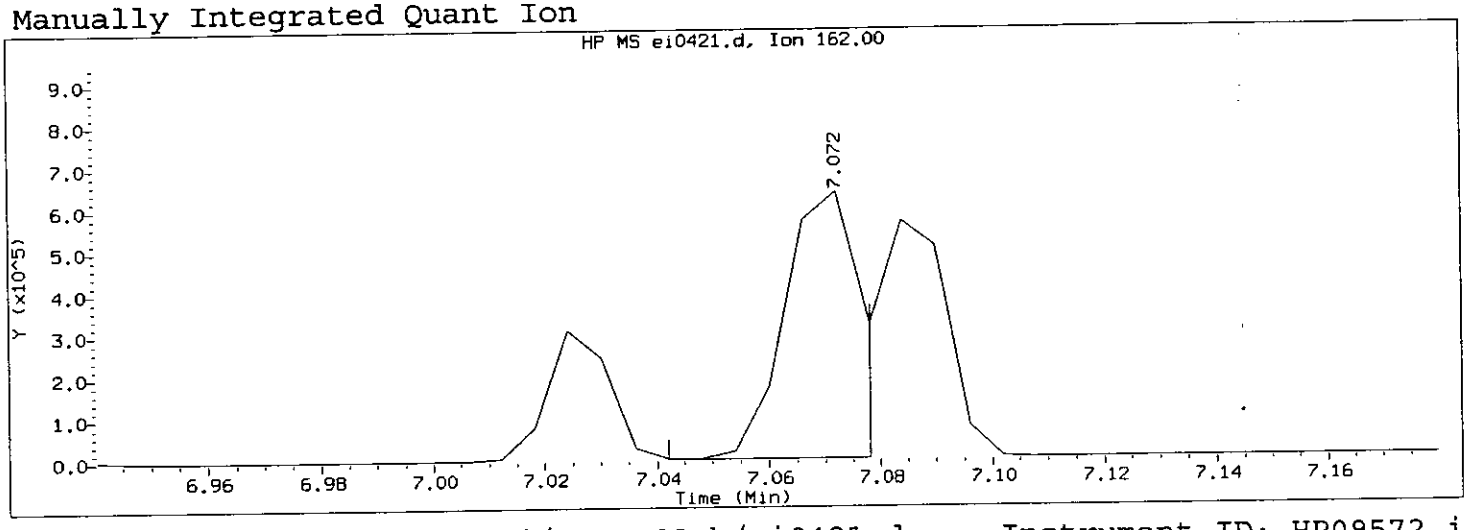
9-9-08
ASX05 0252

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 : 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

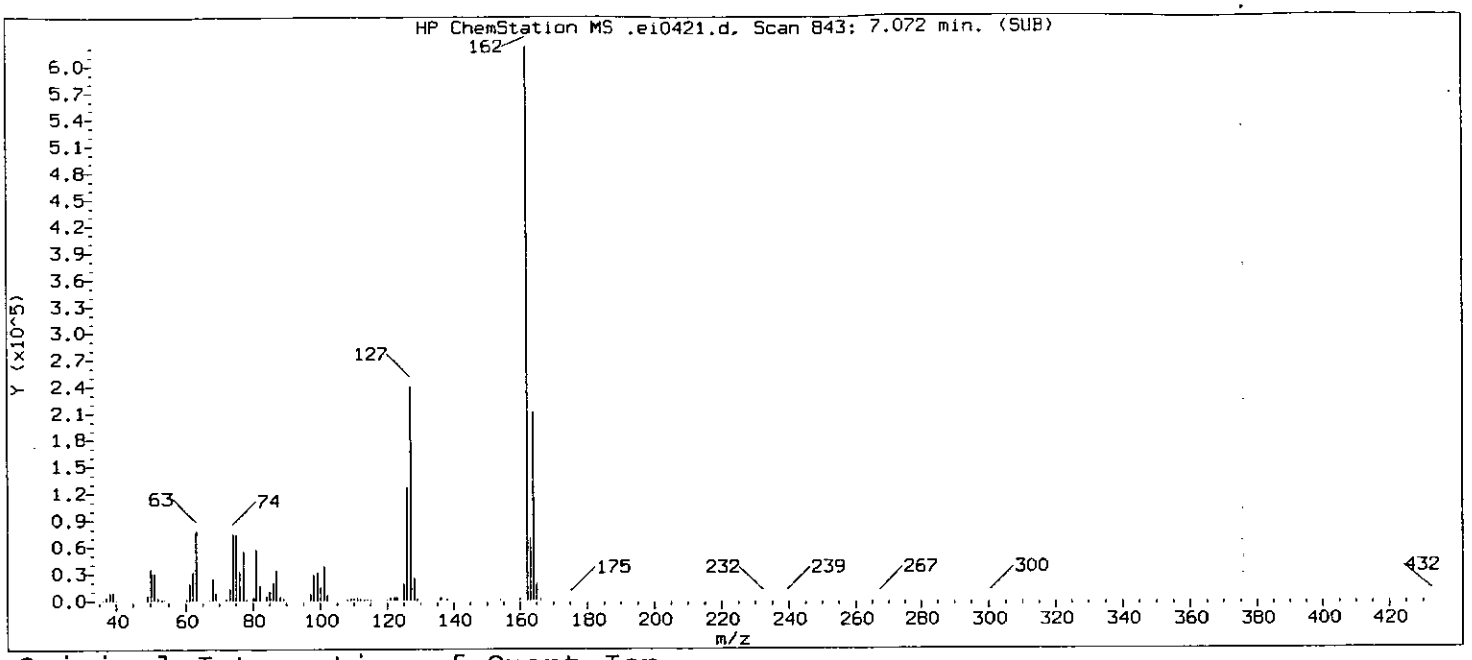
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: _____

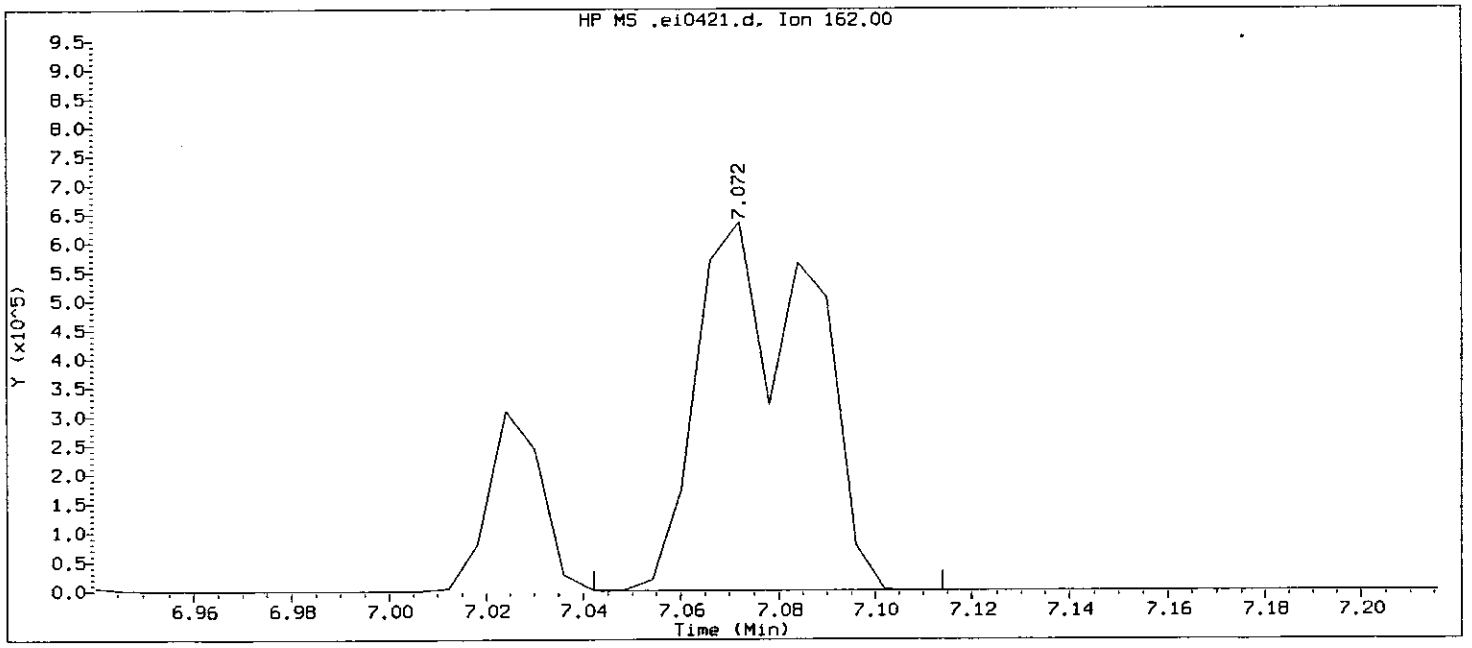
GC/MS audit/management approval: _____

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

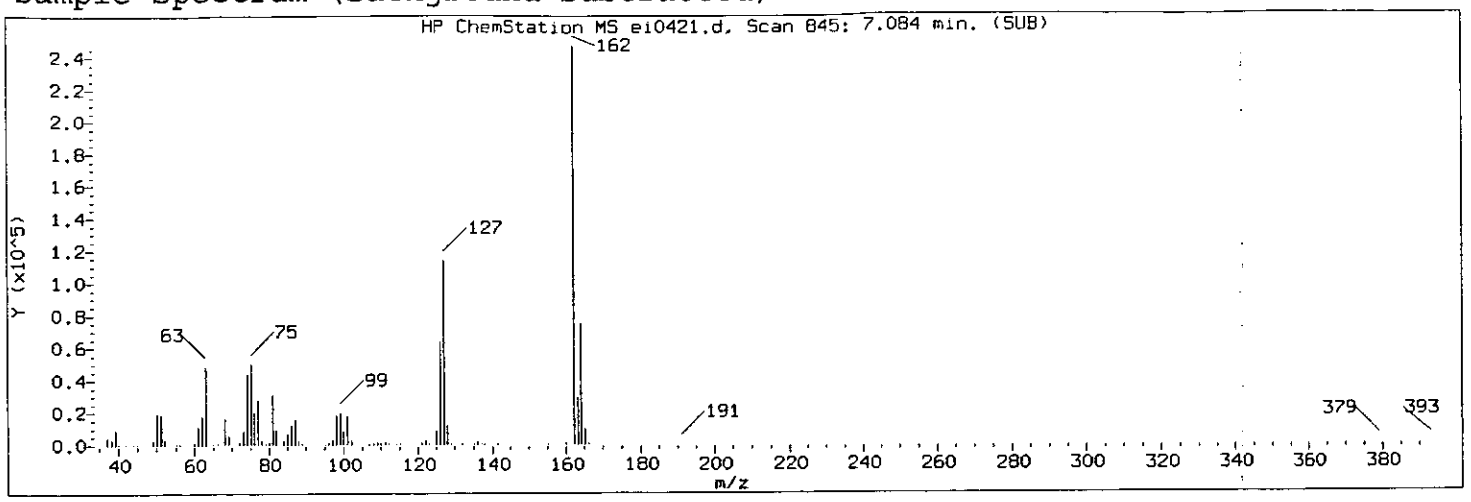
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 843
Retention Time (minutes): 7.072
Quant Ion : 162
Area : 1028366
Concentration (ng/ul) : 164.6115
Integration start scan : 837 Integration stop scan: 849
Y at integration start : 215 Y at integration end: 172

9-9-08

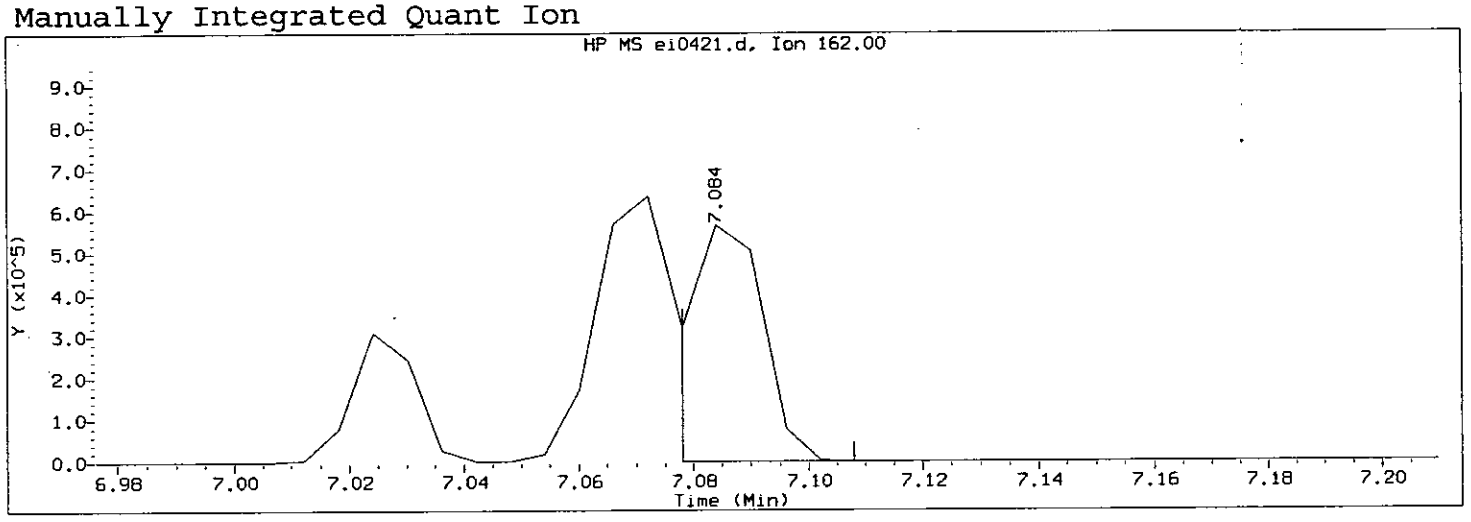
ASX85 0254

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

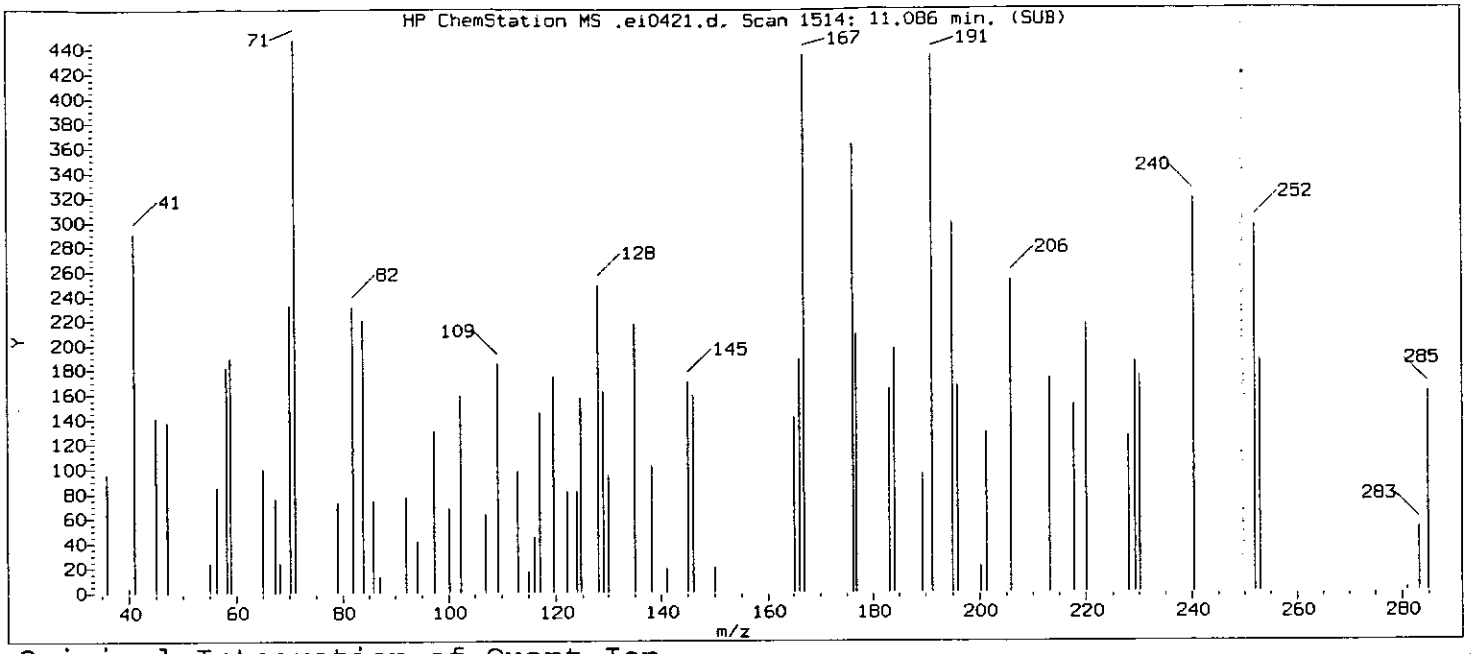
Compound Number : 85
Compound Name : 1-Chloronaphthalene
Scan Number : 845
Retention Time (minutes): 7.084
Quant Ion : 162
Area (flag) : 528051 M
Concentration (ng/ul) : 84.5259
Integration start scan : 843 Integration stop scan: 848
Y at integration start : -8 Y at integration end: -8

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

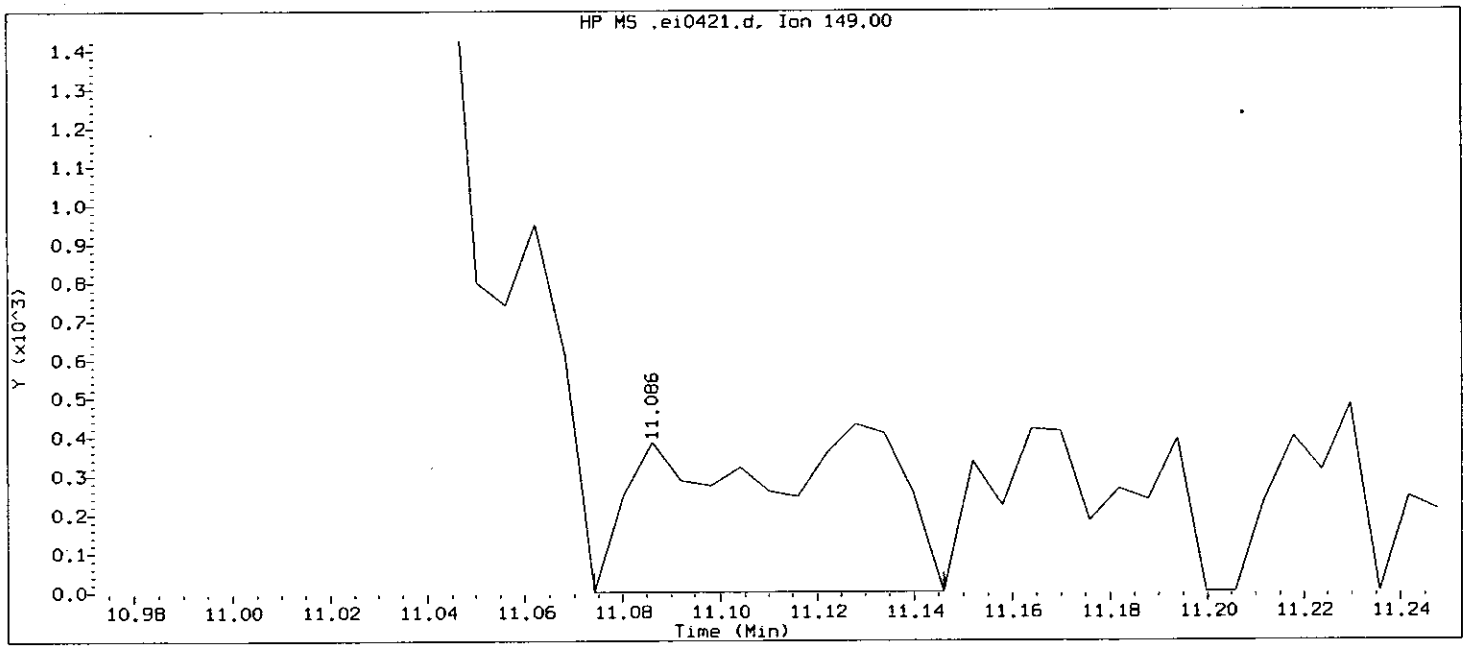
Analyst responsible for change: _____ 9-9-08

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

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

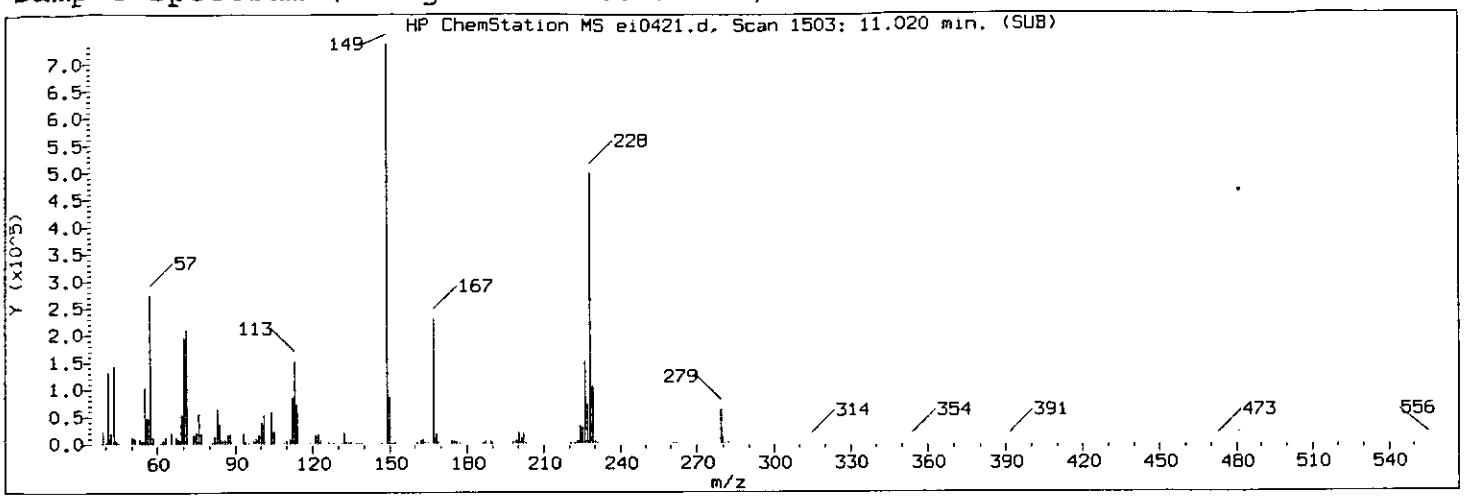
Compound Number : 170
Compound Name : bis(2-Ethylhexyl)phthalate
Scan Number : 1514
Retention Time (minutes): 11.086
Quant Ion : 149
Area : 1246
Concentration (ng/ul) : 0.1684
Integration start scan : 1511 Integration stop scan: 1523
Y at integration start : 0 Y at integration end: 0

9-9-08

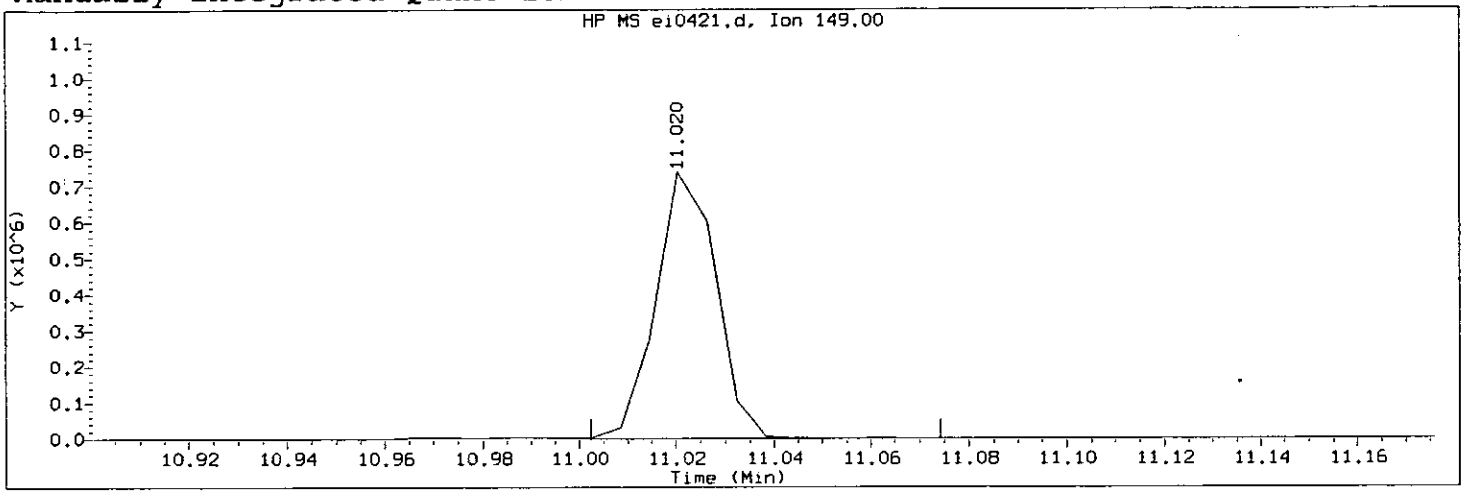
aSX05 0256

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 0257

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

LMM198 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

ASX85 0260

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:

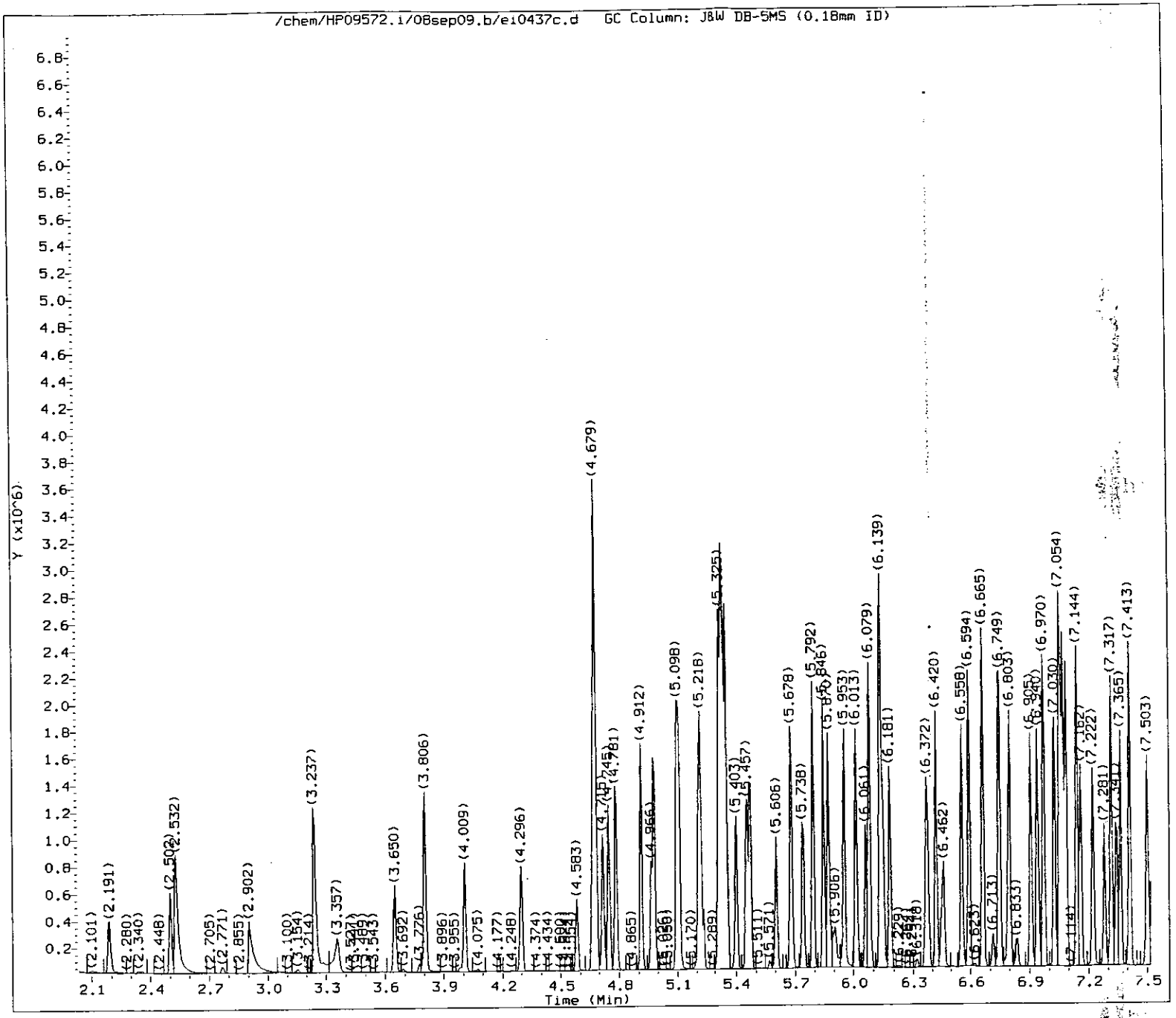
Internal Standard Name	ei0437c.d	ICAL RT	In Spec
1,4-Dichlorobenzene-d4	4.966	5.121	Yes
Naphthalene-d8	6.061	6.214	Yes
Acenaphthene-d10	7.527	7.678	Yes
Phenanthrene-d10	8.753	8.903	Yes
Chrysene-d12	11.002	11.184	Yes
Perylene-d12	12.612	12.846	Yes

A "No" indicates the retention time is greater than 30 seconds from the RT of the referenced ICAL average.

Comments: MMB 09/09/08

ASX05 0261

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

Sublist used: all1

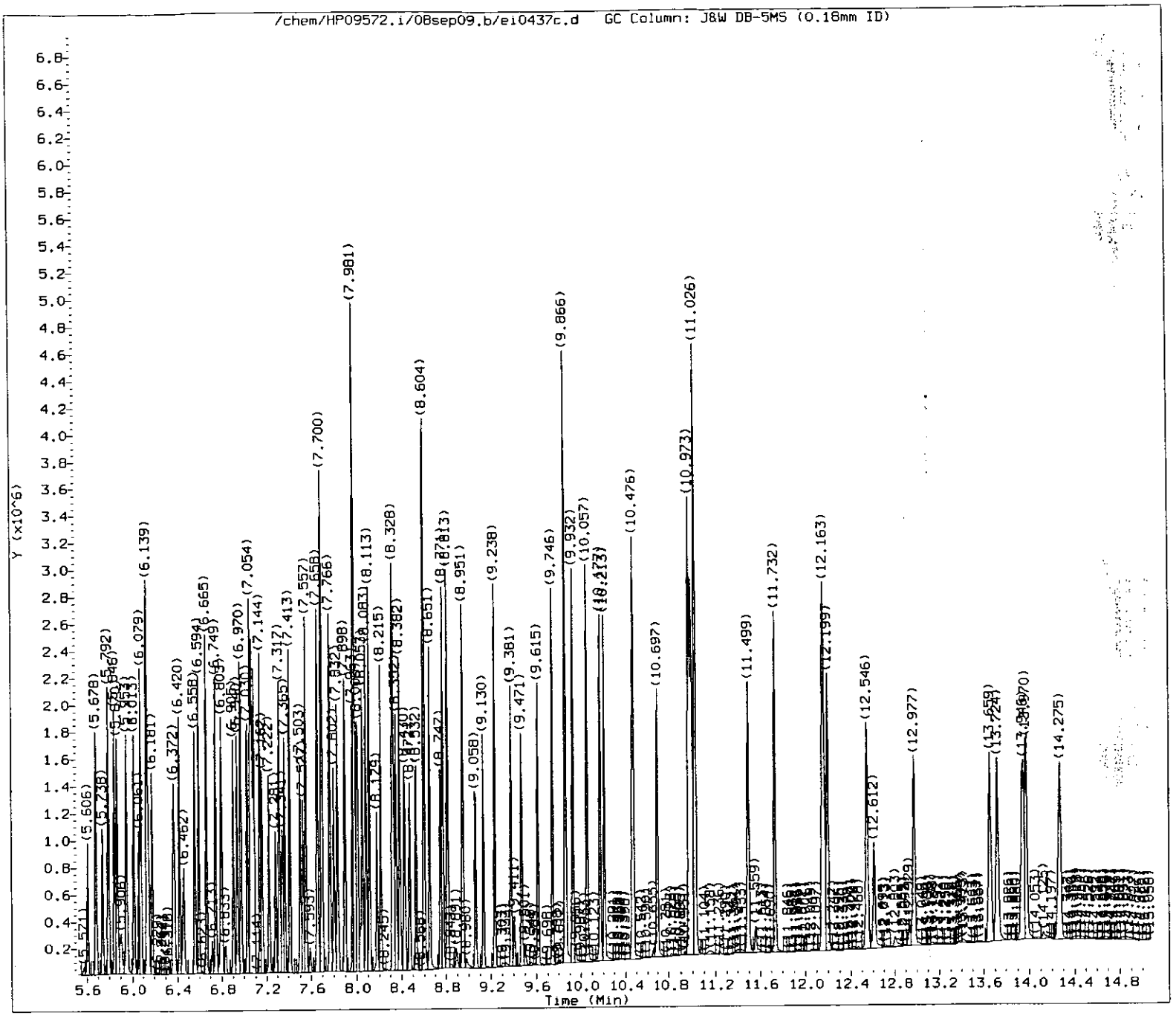
Date, time and analyst ID of latest file update: 09-Sep-2008 20:56 lmh00956

Sample Name: SECC080

Lab Sample ID: STD2478

ASX85 8262

lmn195 09109103



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

ASX05 0263

mm 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

aSX85 0264

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

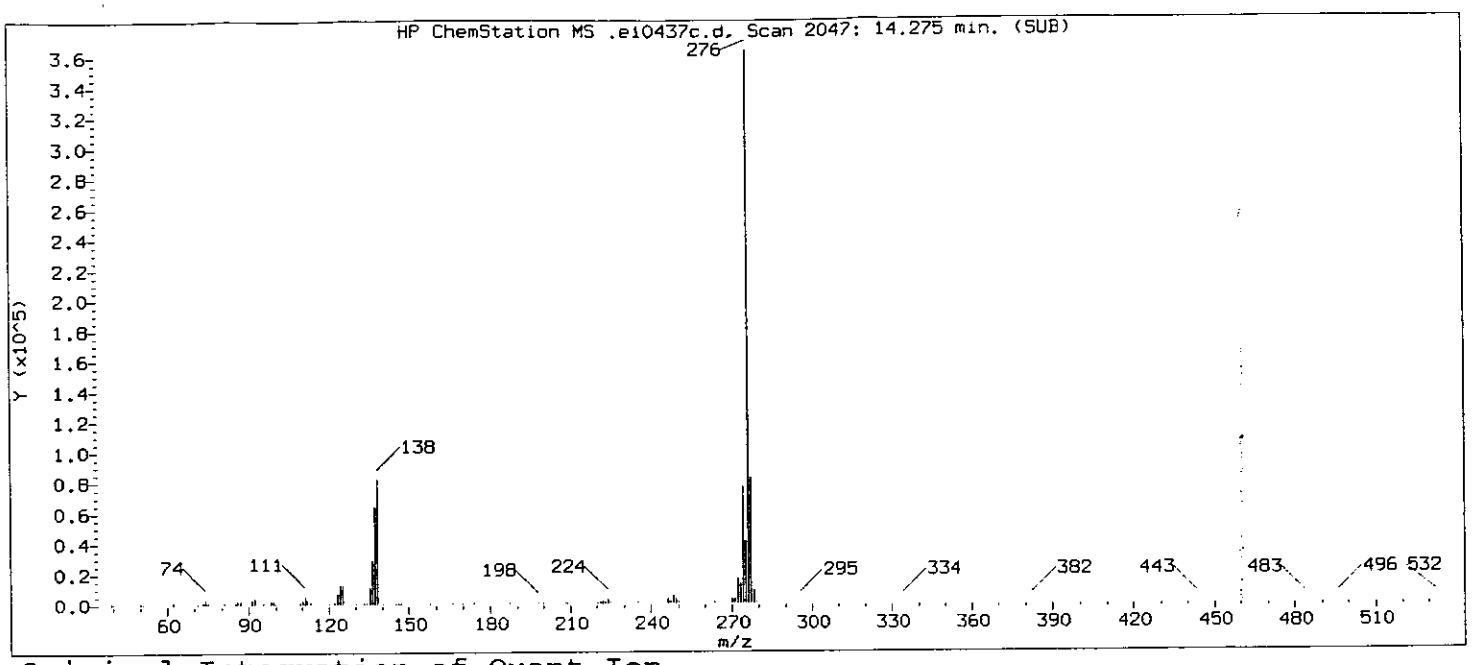
Sample Name: SECC080 Lab Sample ID: STD2478

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

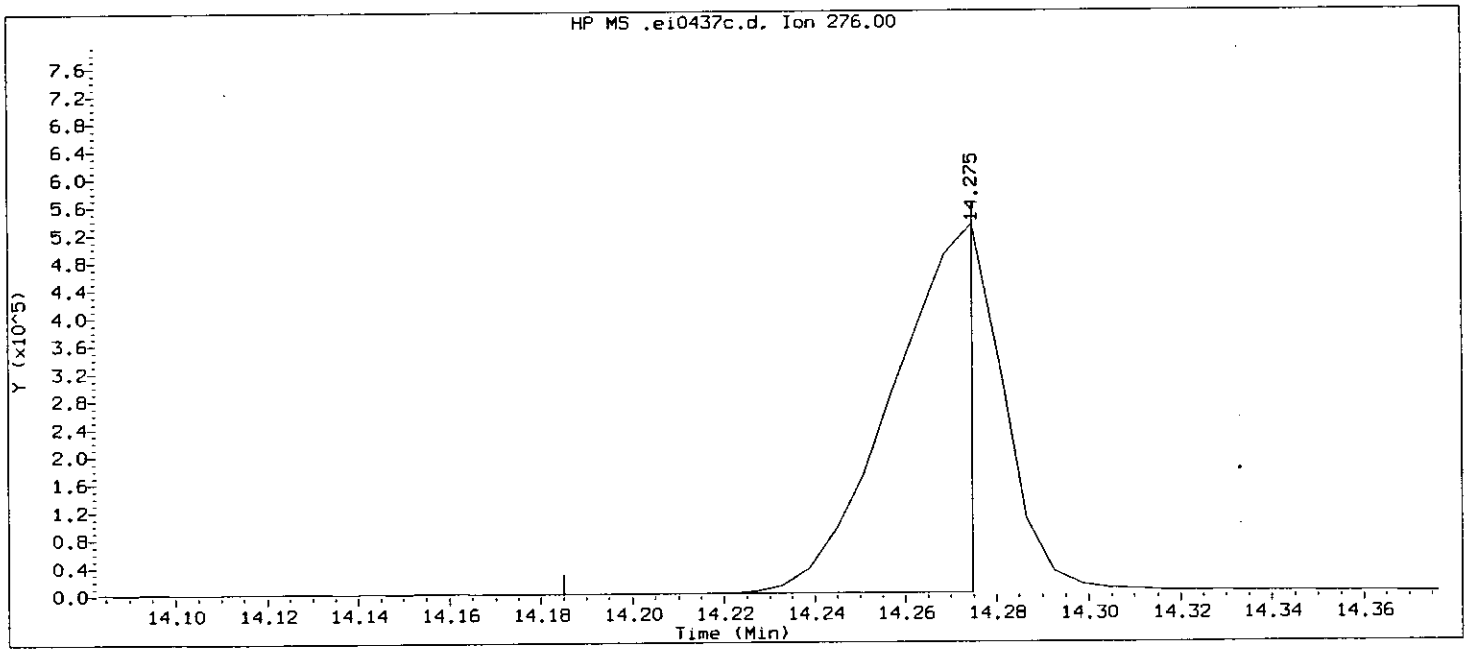
M = Compound was manually integrated. A = User selected an alternate hit

ASX05 0266

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

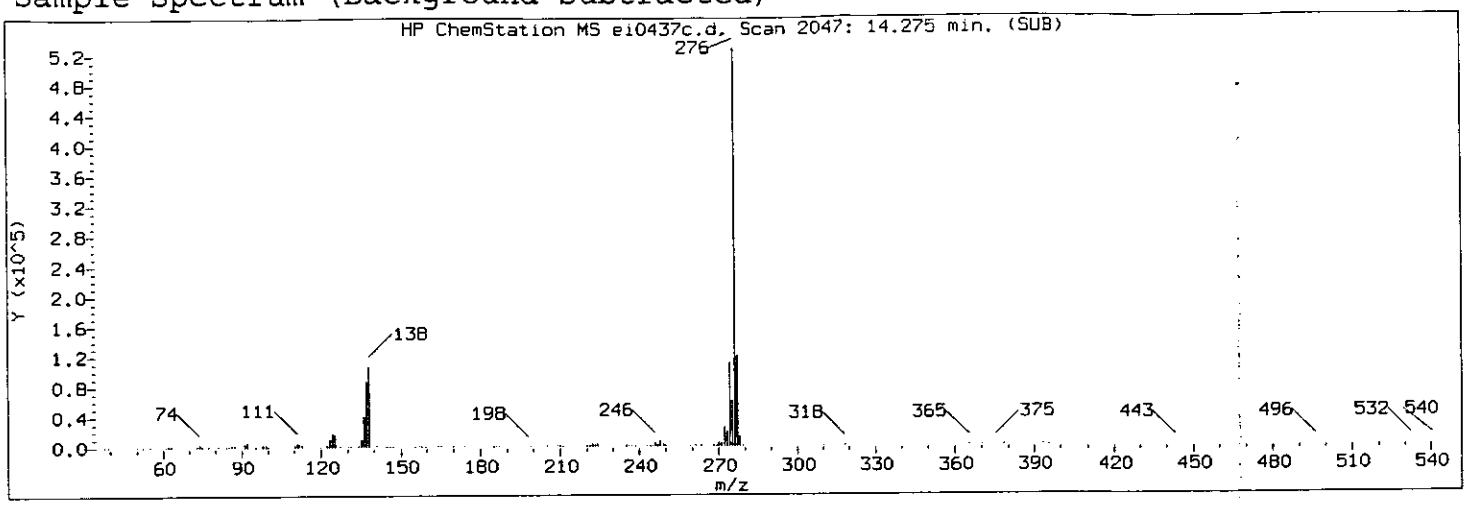
Compound Number	:	182
Compound Name	:	Benzo(g,h,i)perylene
Scan Number	:	2047
Retention Time (minutes)	:	14.275
Quant Ion	:	276
Area	:	624785
Concentration (ng/ul)	:	60.1178
Integration start scan	:	2031 Integration stop scan: 2046
Y at integration start	:	722 Y at integration end: 686

Lmn198 09/09/08

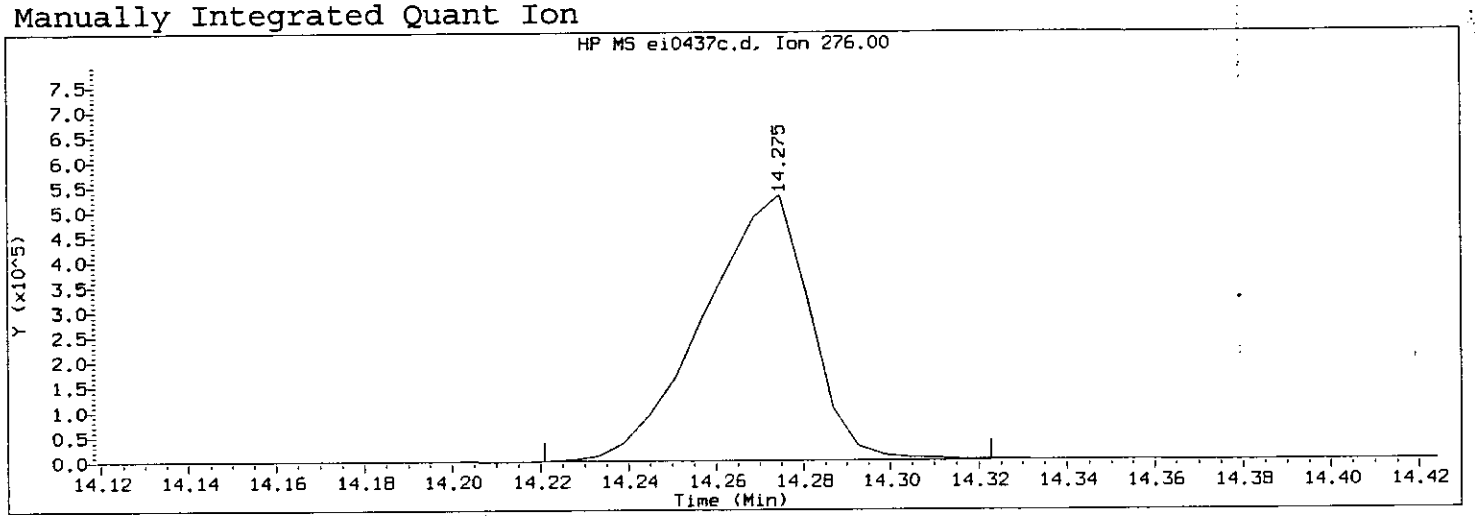
MSX05 0267

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: mn198 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

ASX05 8269

Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

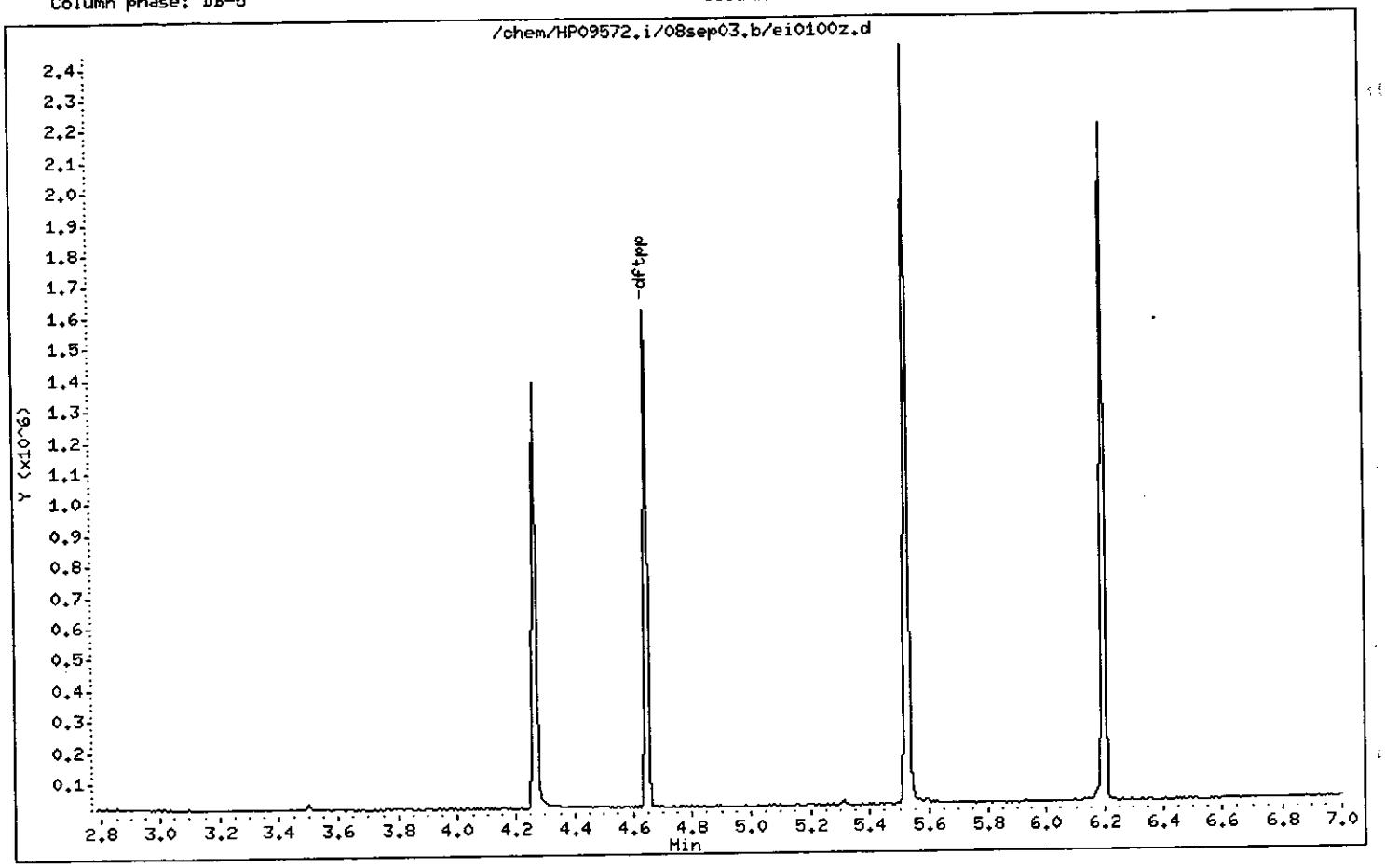
Instrument: HP09572.i

Sample Info: DFTPP;8270DFTPP1748;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25



Data File: /chem/HP09572.i/08sep03.b/ei0100z.d

Date : 03-SEP-2008 19:41

Client ID: DFTPP

Instrument: HP09572.i

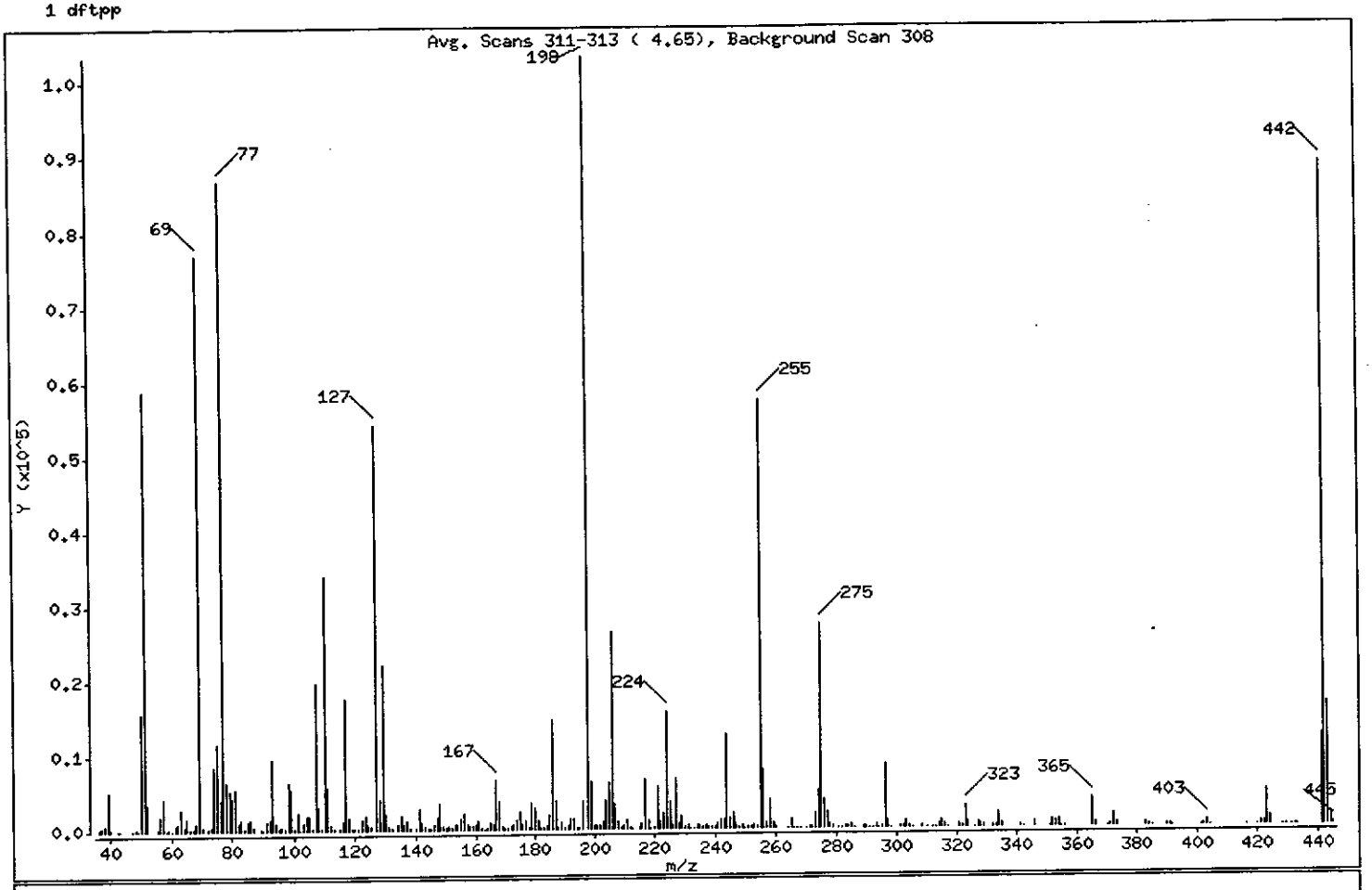
Sample Info: DFTPP;8270DFTPP1748;

Operator: lmh00956

Column phase: DB-5

Column diameter: 0.25

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)

ASX85 0271

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
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

ASX05 0272

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

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

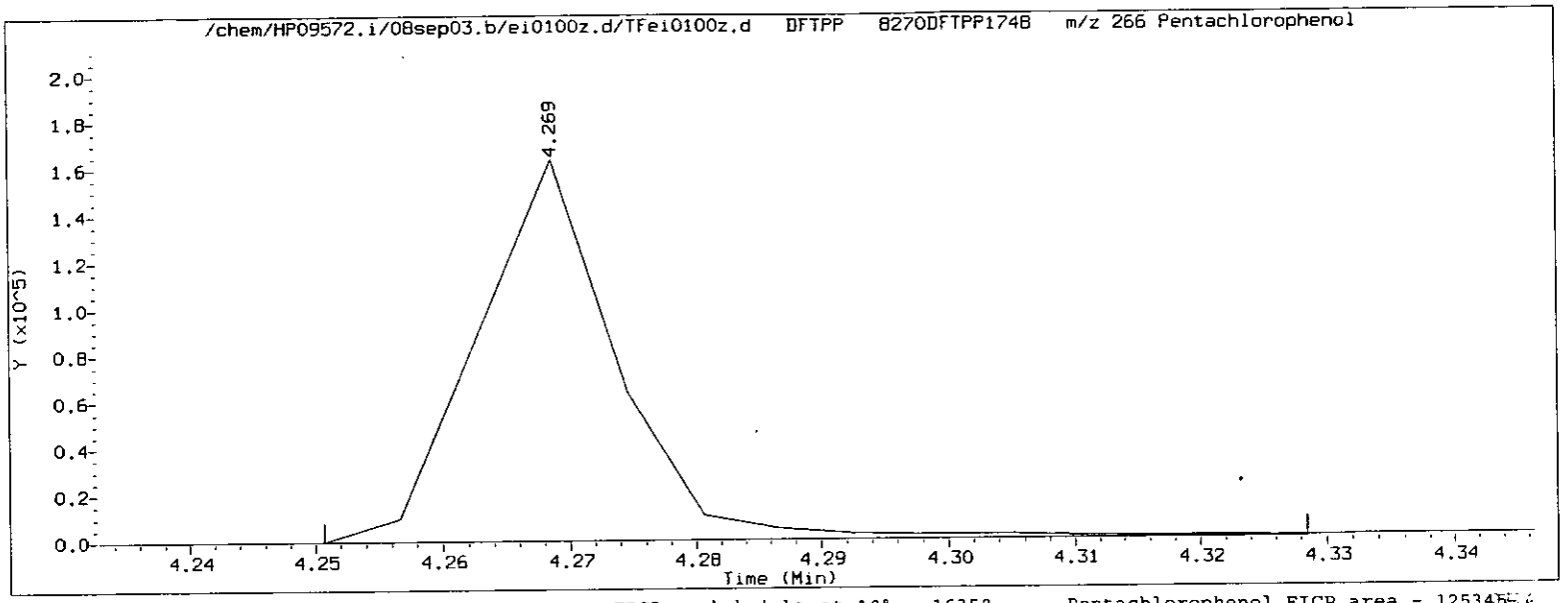
Column diameter: 0.25

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		

Assessment of GC Column Performance and Injection Port Inertness for

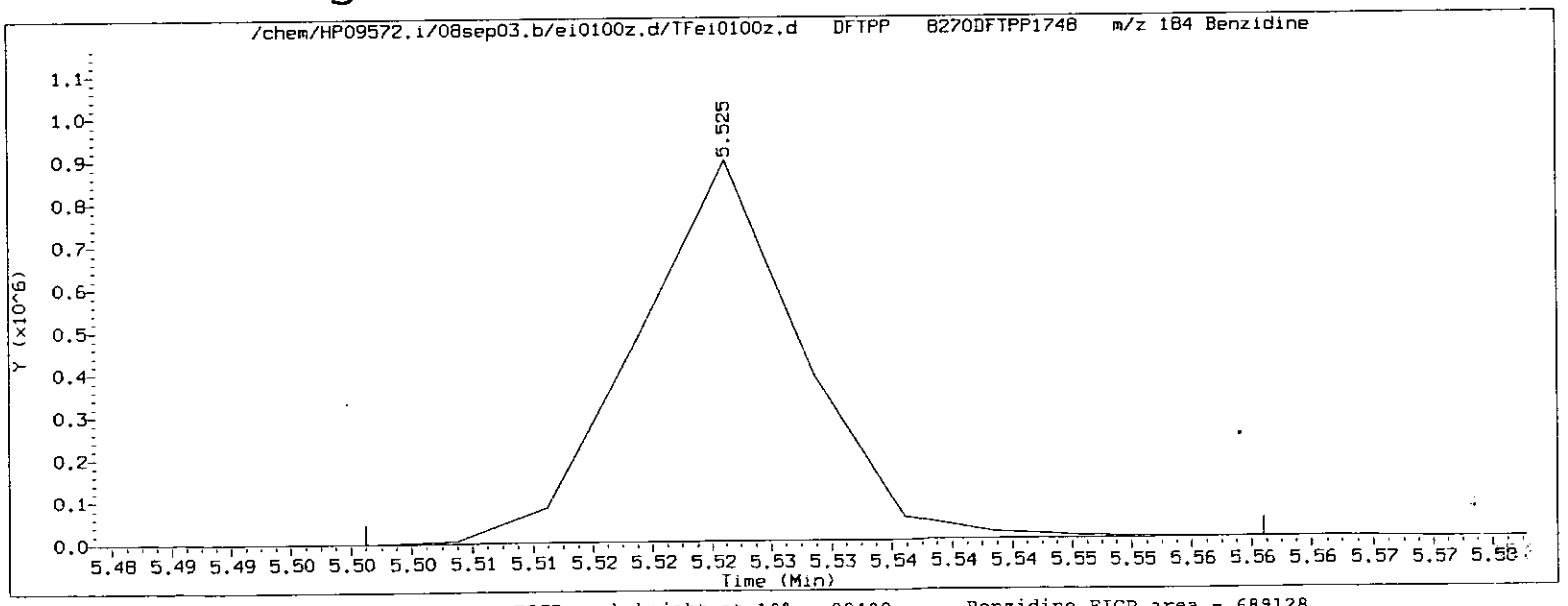
Instrument ID: HP09572.i Injection Date: 03-SEP-2008 19:41 Operator: lmh00956



Pentachlorophenol EICP peak height = 163584 EICP peak height at 10% = 16358 Pentachlorophenol EICP area = 1253455

Pentachlorophenol EICP peak apex (min.) = 4.269
RT at 10% of front half of EICP (min.) = 4.257 'Front' peak width (min.) = 0.0114500000
RT at 10% of back half of EICP (min.) = 4.280 'Tailing' peak width (min.) = 0.0113000000

PCP tailing factor $= \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0113000000}{0.0114500000} = 0.987$



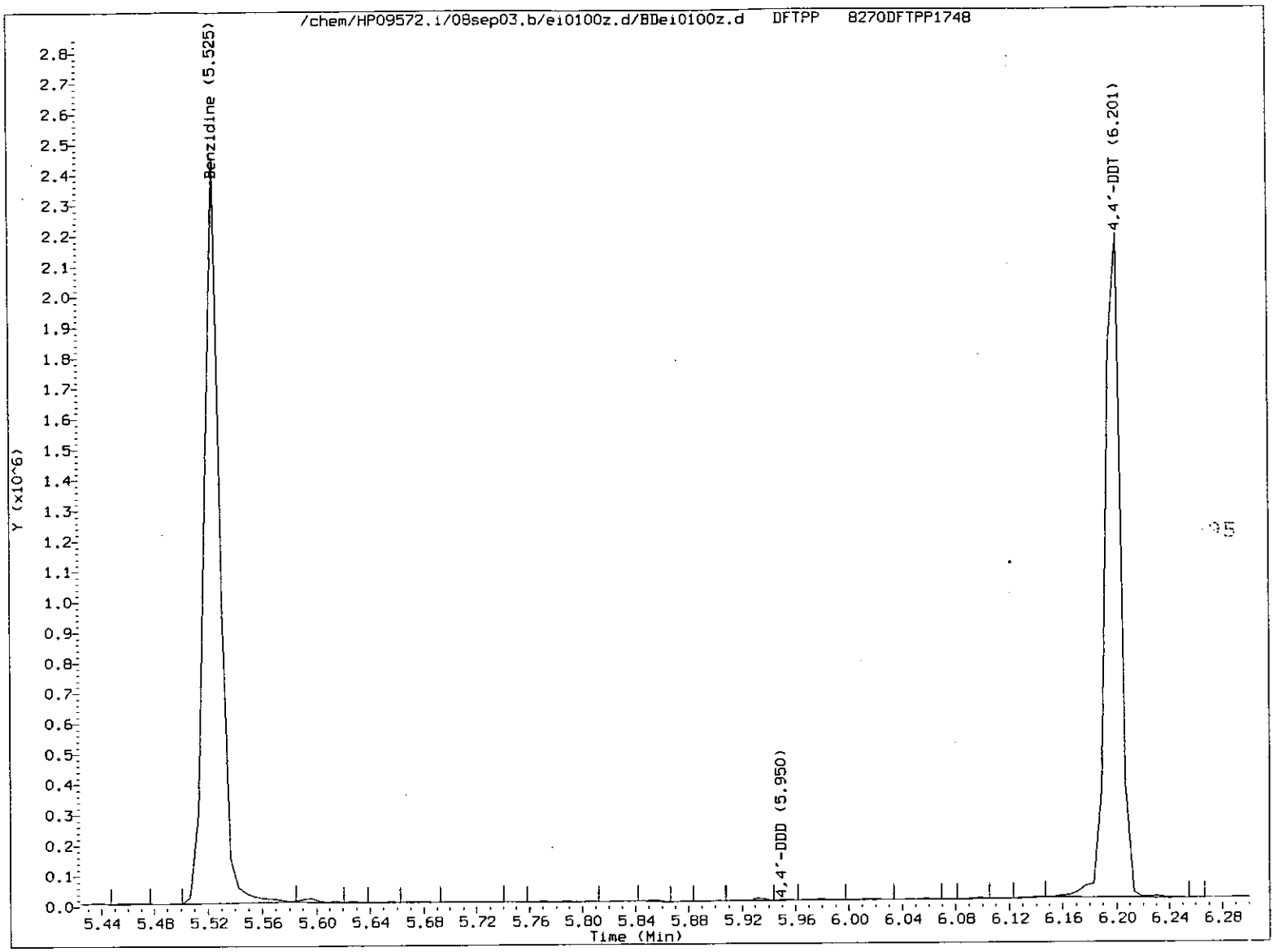
Benzidine EICP peak height = 894088 EICP peak height at 10% = 89409 Benzidine EICP area = 689128

Benzidine EICP peak apex (min.) = 5.525
RT at 10% of front half of EICP (min.) = 5.513 'Front' peak width (min.) = 0.0118333333
RT at 10% of back half of EICP (min.) = 5.536 'Tailing' peak width (min.) = 0.0113333333

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



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 1446}{0 + 1446 + 1744323} \times 100 = 0.1$$

ASX05 0276

Data File: /chem/HP09572.i/08sep09.b/ei0420.d

Date : 09-SEP-2008 12:36

Client ID: DFTPP

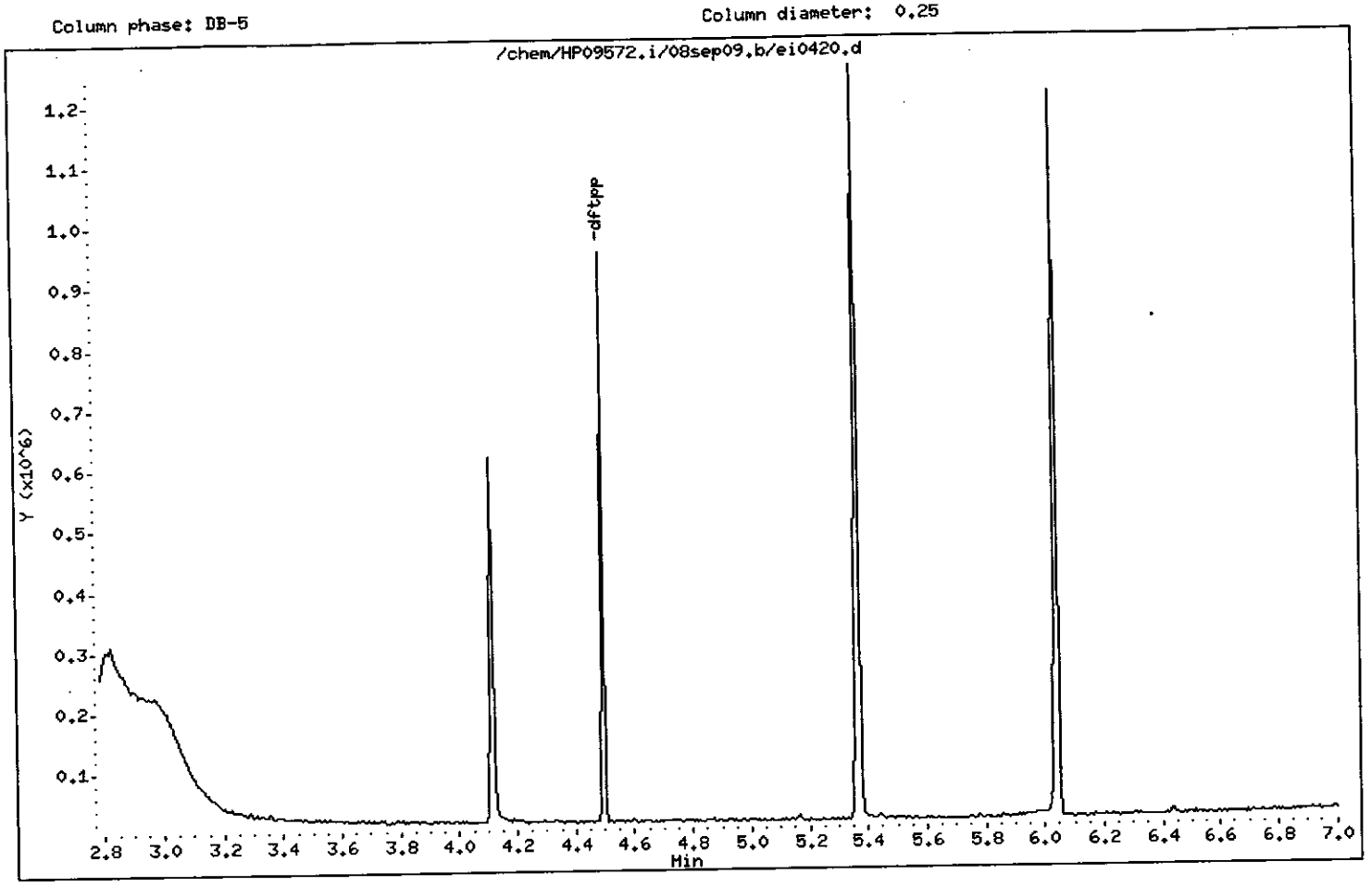
Instrument: HP09572.i

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

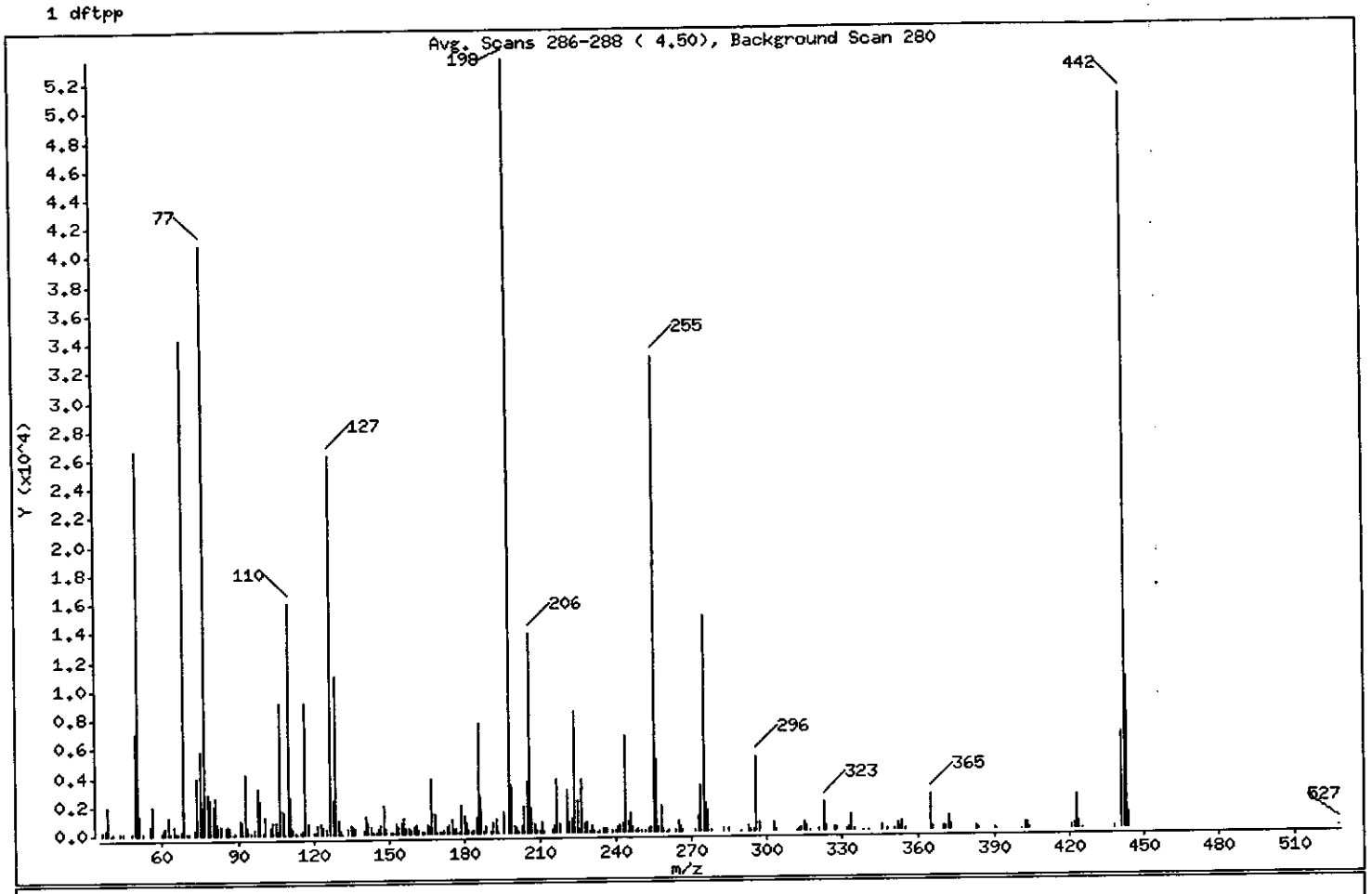
Sample Info: DFTPP;8270DFTPP1748;

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)

ASX05 0278

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

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

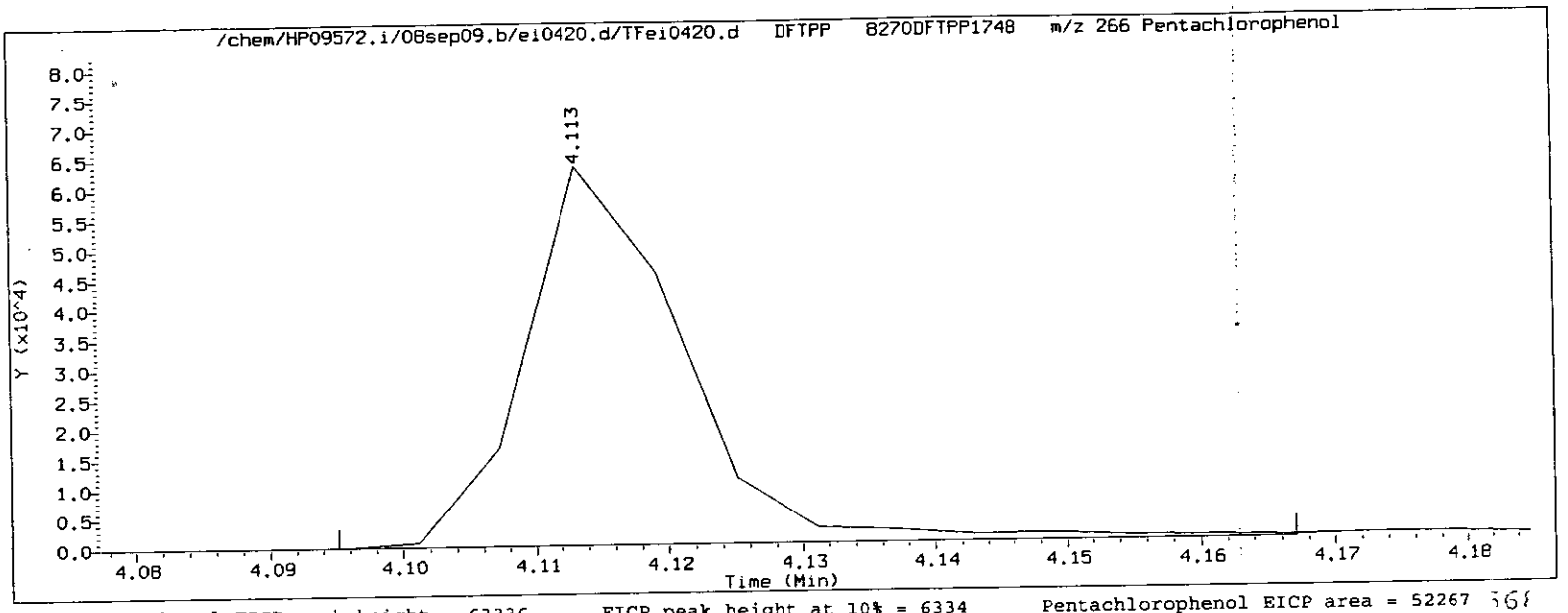
Number of points: 266

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		

ASX05 0280

Assessment of GC Column Performance and Injection Port Inertness for

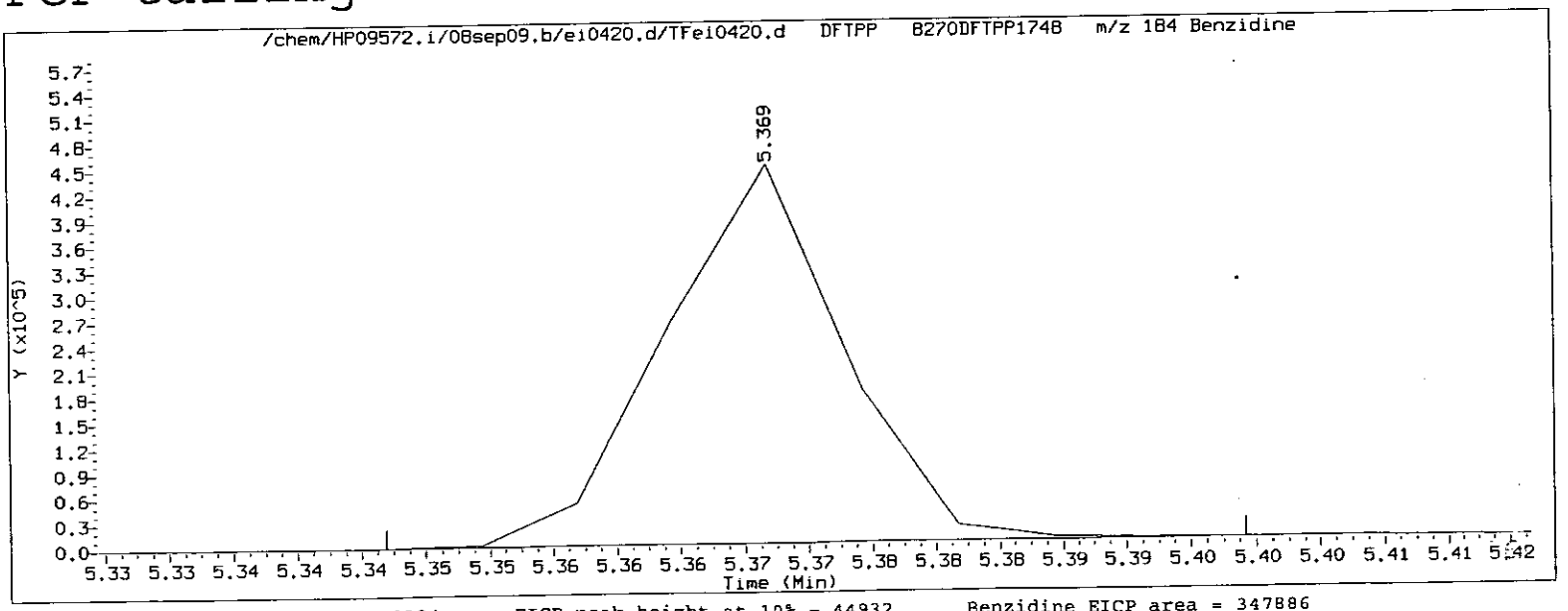
Instrument ID: HP09572.i Injection Date: 09-SEP-2008 12:36 Operator: rpb01568



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 $= \frac{\text{'Tailing' peak width (min.)}}{\text{'Front' peak width (min.)}} = \frac{0.0152333333}{0.0098333333} = 1.549$



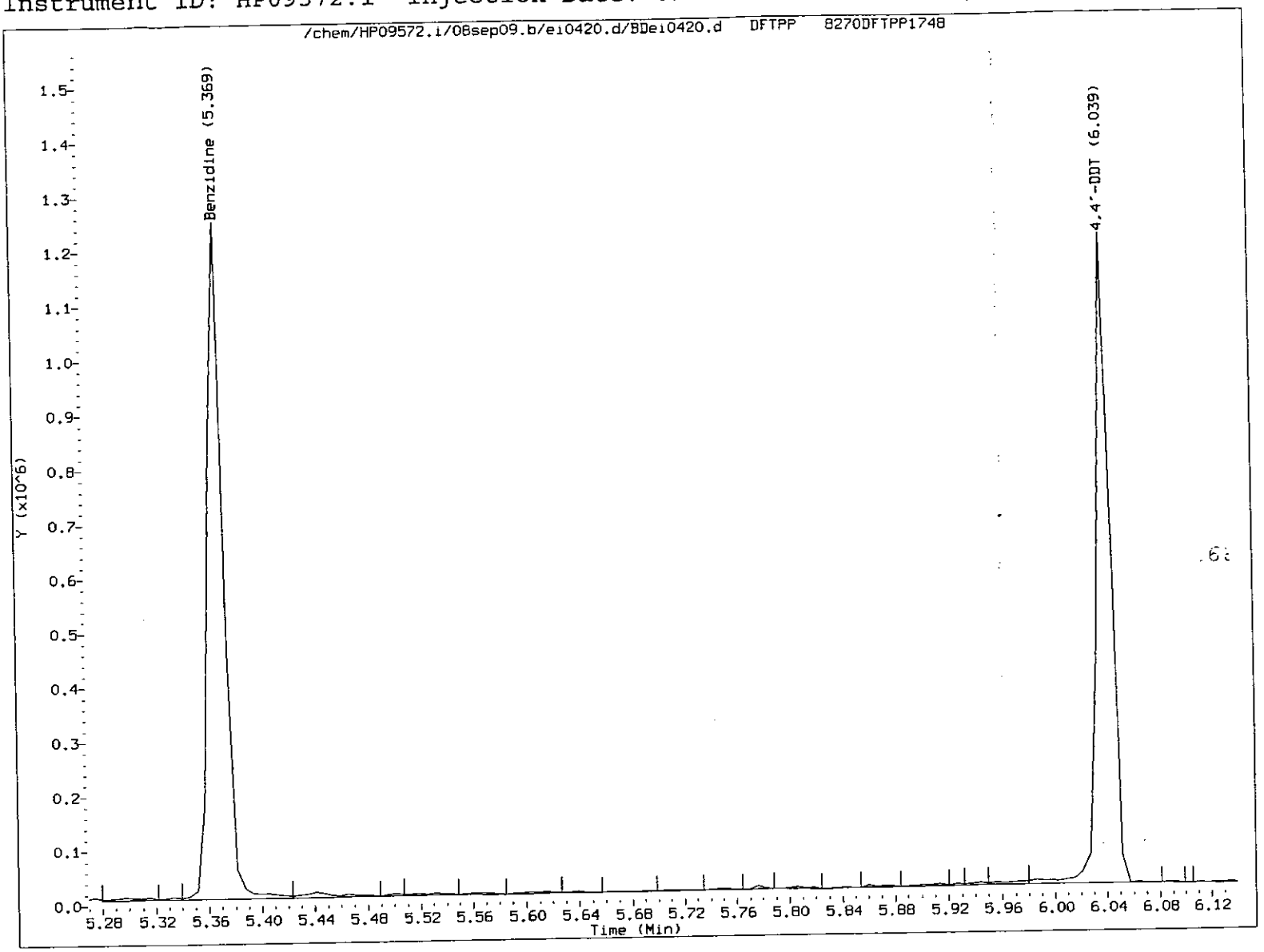
Benzidine EICP peak height = 449324 EICP peak height at 10% = 44932 Benzidine EICP area = 347886

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



$$\% \text{ 4,4'-DDT breakdown} = \frac{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area}}{\text{4,4'-DDE TIC area + 4,4'-DDD TIC area + 4,4'-DDT TIC area}} \times 100$$

$$\% \text{ 4,4'-DDT breakdown} = \frac{0 + 0}{0 + 0 + 879776} \times 100 = 0.0$$

ASX05 0202

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

ASX85 0283

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

ASX05 0284

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

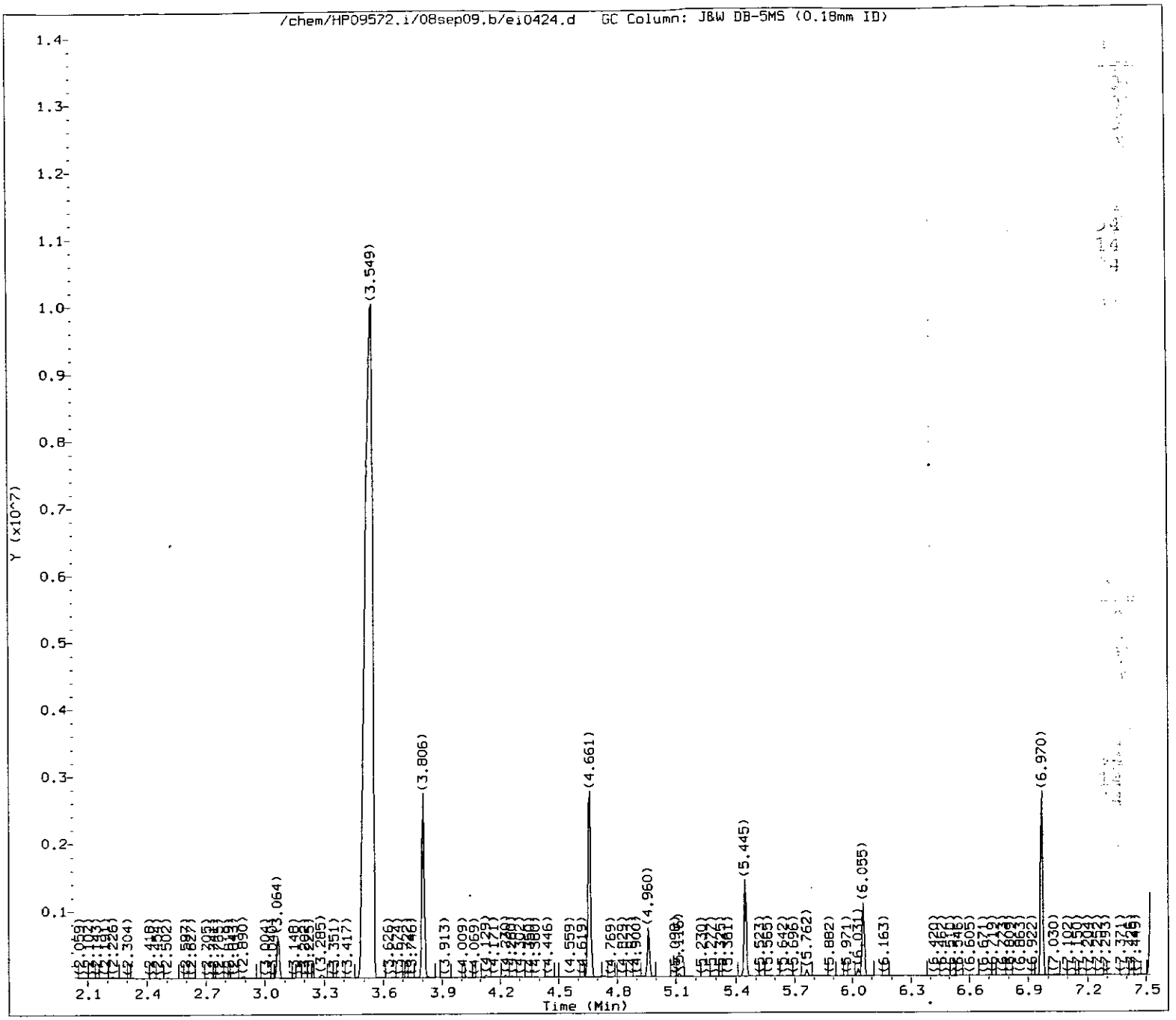
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 65

Comments:

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

ASX05 0285



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

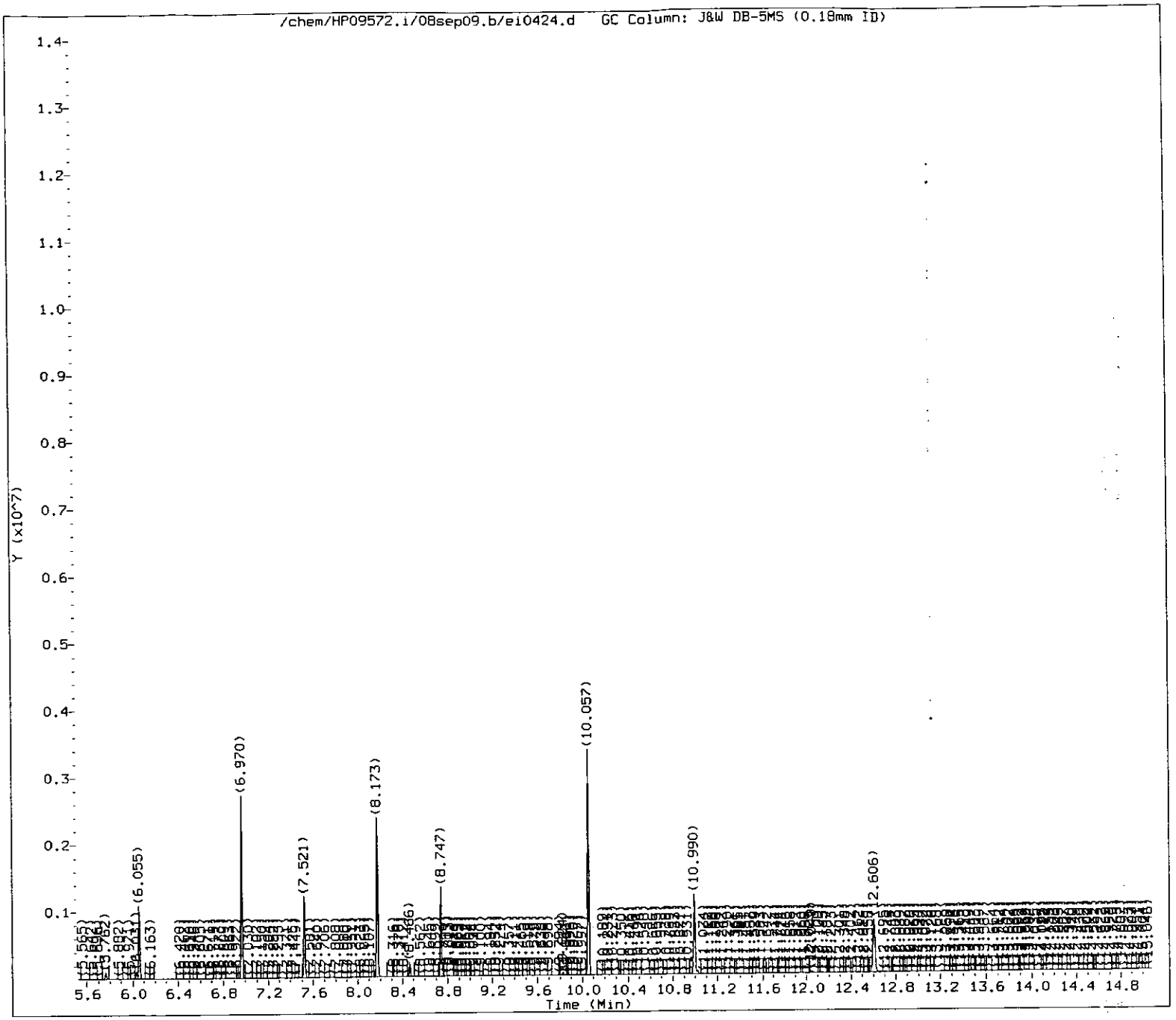
Sublist used: 246SLA

Sample Name: SBLKLA2465

Lab Sample ID: SBLKLA246

ASX05 0286

lmn198 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

ASX85 0287

mn198 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

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

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

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

ASX85 8289

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

0SX05 0290

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

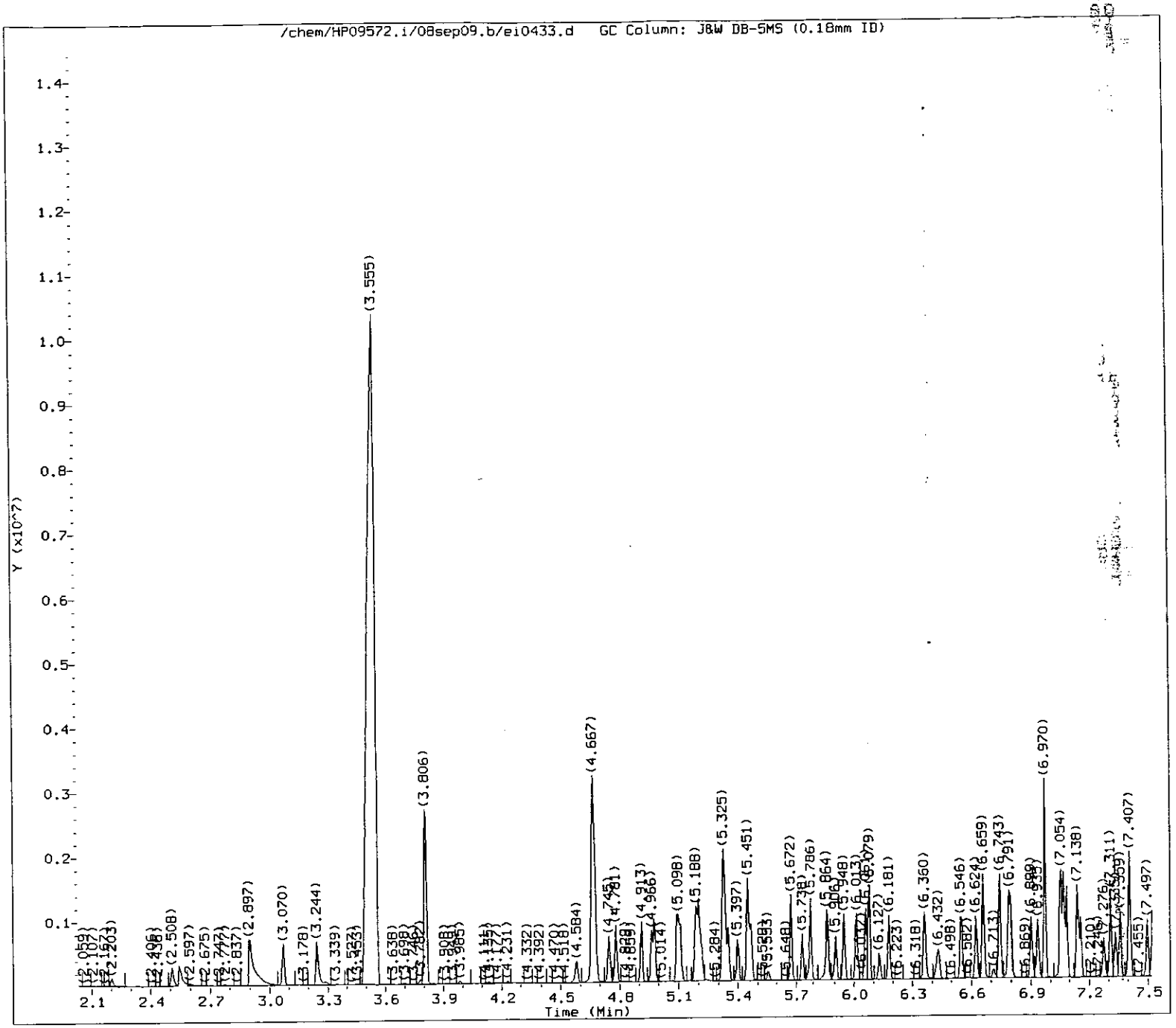
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

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

0SX05 0291



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

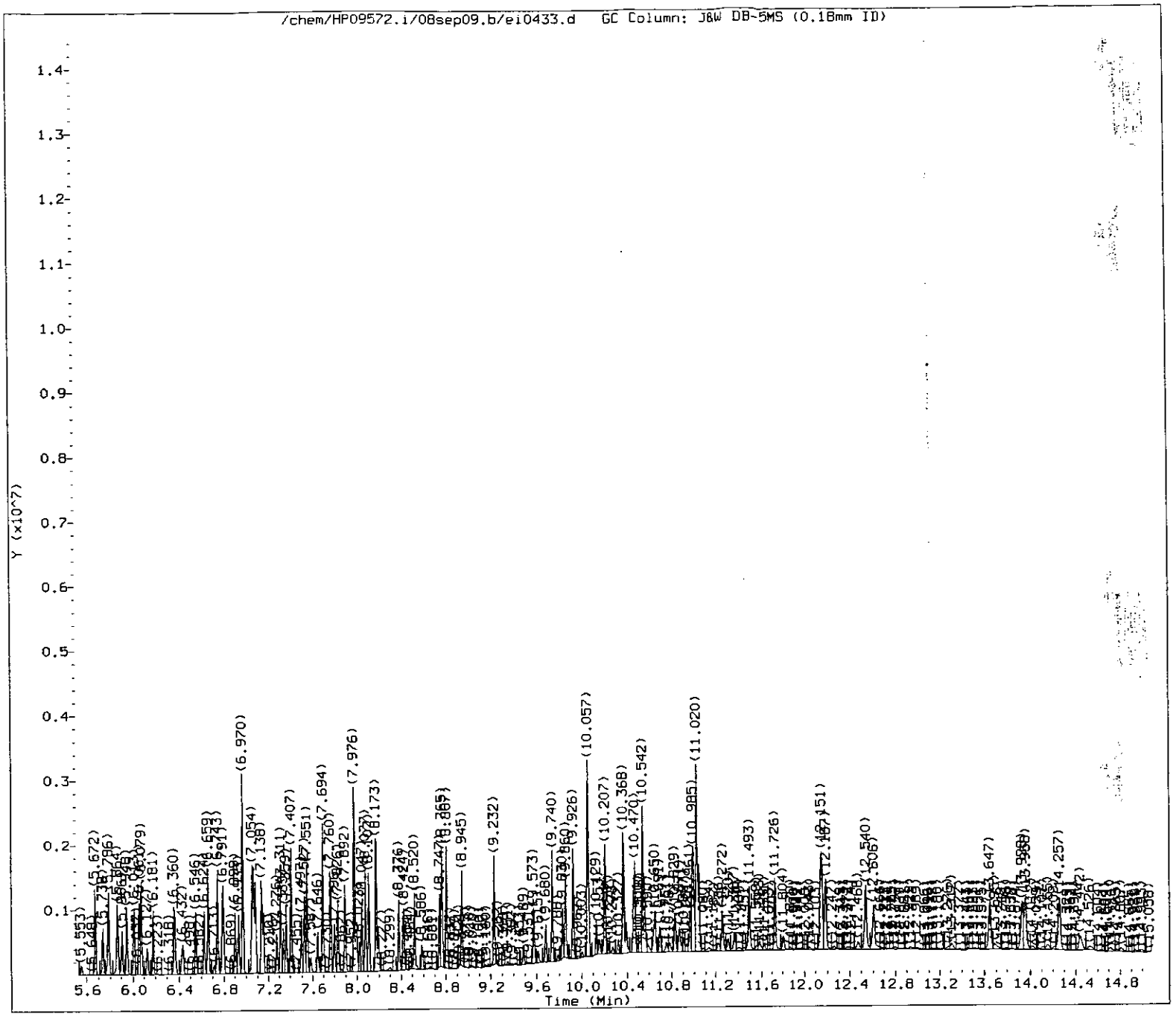
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sample Name: AMS33MS

Lab Sample ID: 5454446

ASX05 0292

Lmh 09/09/08



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

ASX85 0293

mn198 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
Date, time and analyst ID of latest file update: 09-Sep-2008 20:23 lmh00956

Sublist used: STC8

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
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

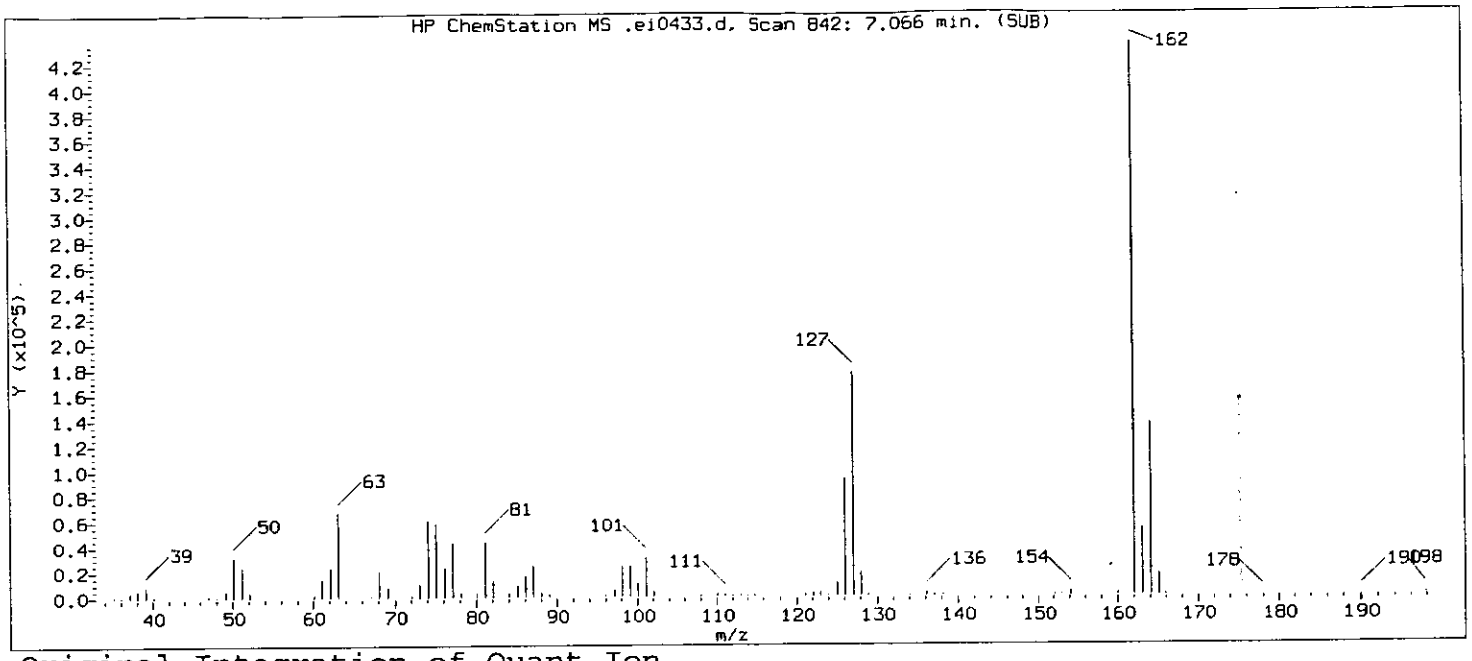
Lab Sample ID: 5454446

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
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

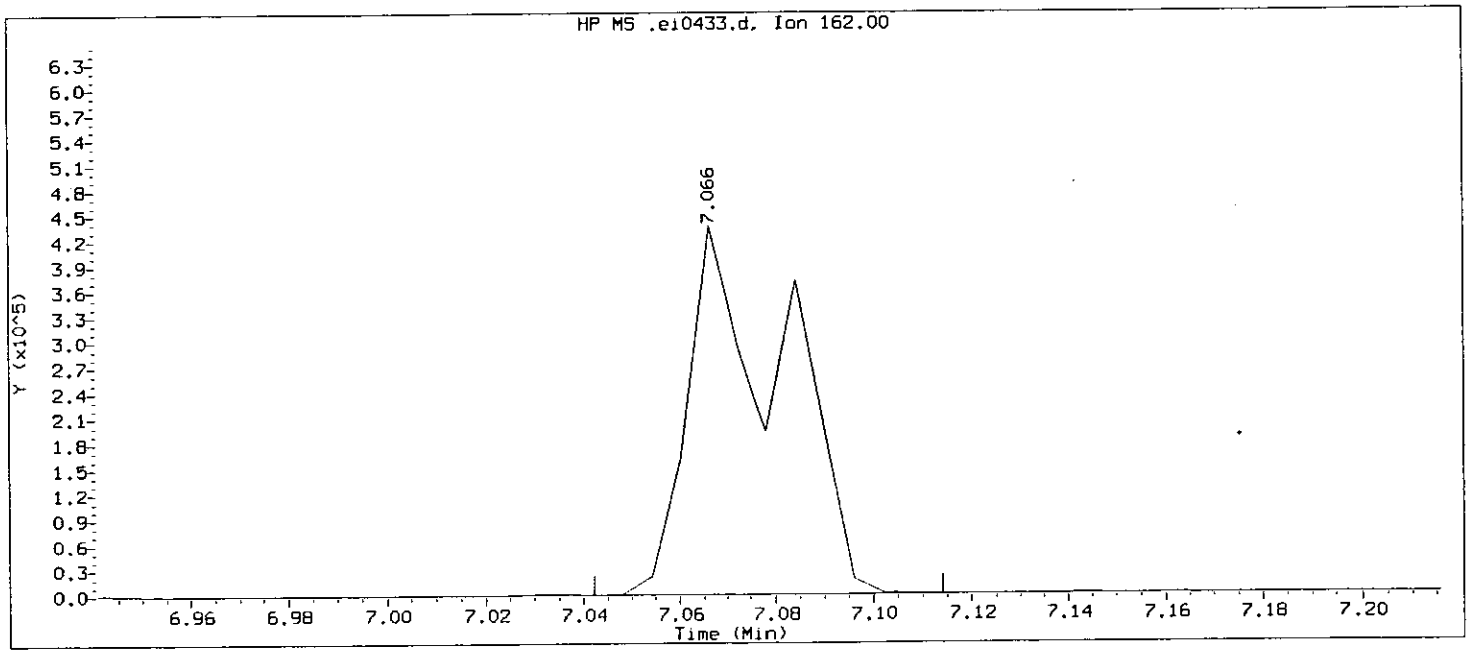
M = Compound was manually integrated.

A = User selected an alternate hit

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

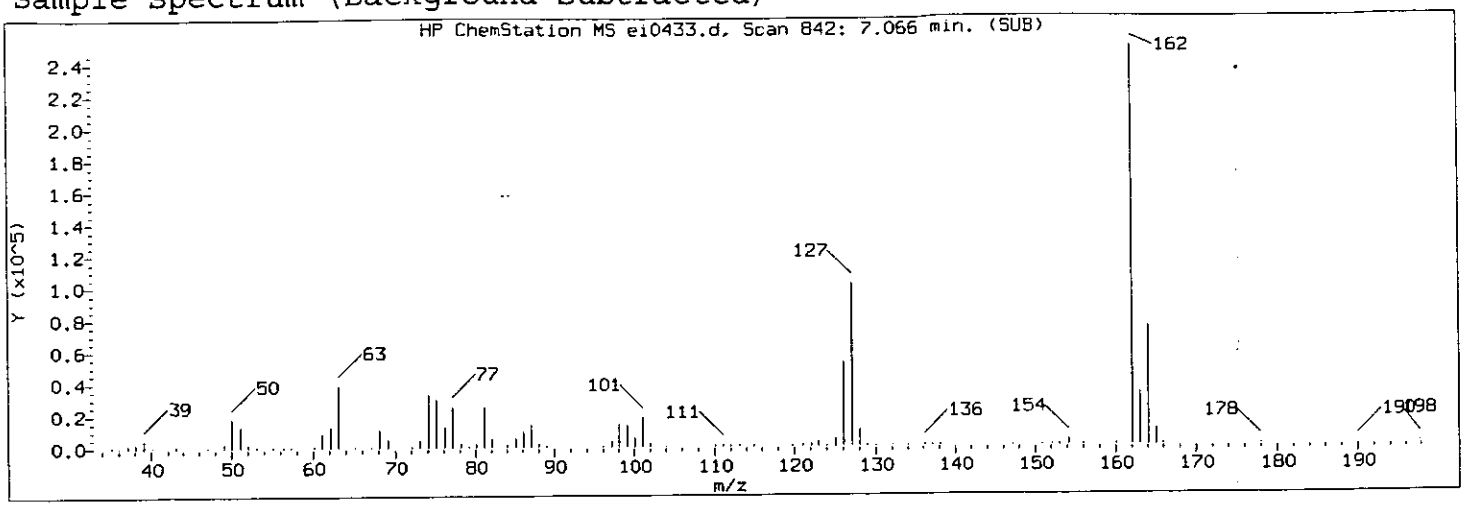
Sample Name: AMS33MS Lab Sample ID: 5454446

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

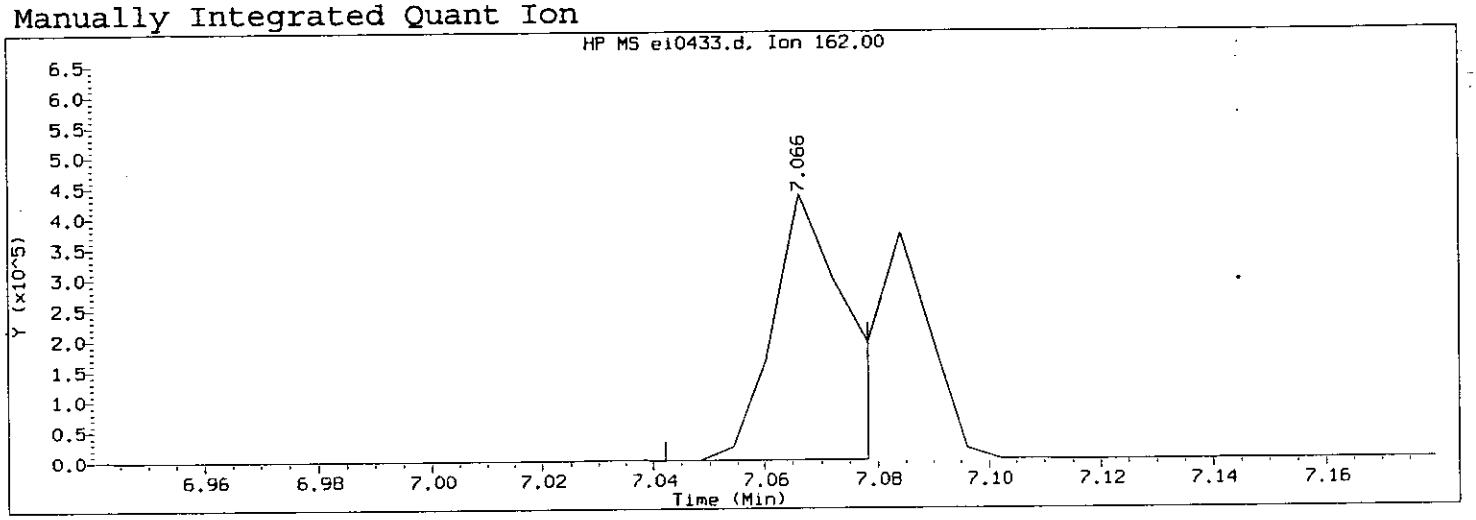
mm198 09/09/08 ASX05 8296

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: lmh00956 09/09/08

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

MSX85 0297

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

ASX05 0298

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

ASX05 0299

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

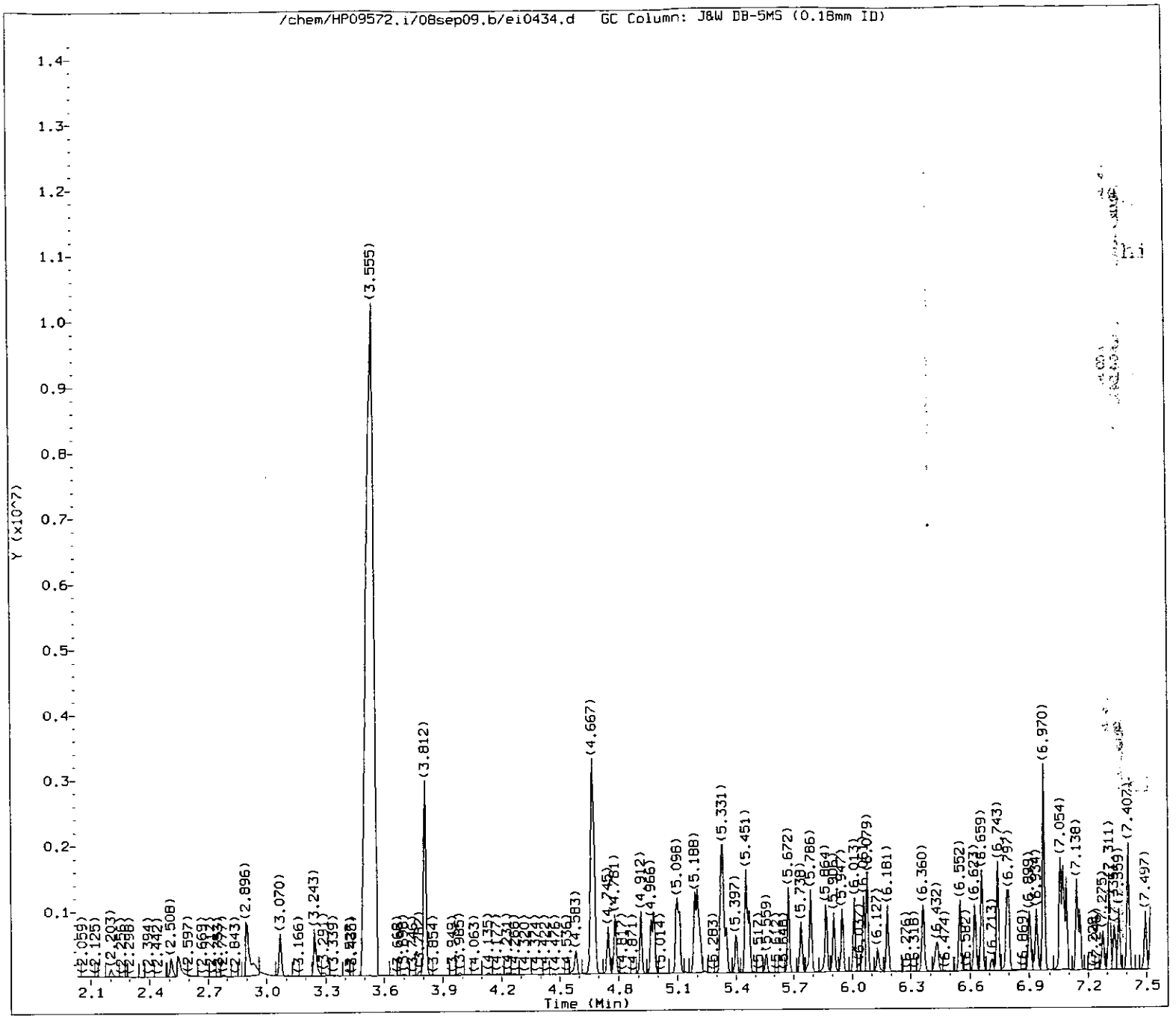
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 64

Comments:

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

ASX85 0388



Quant Report

Target Revision 3.5

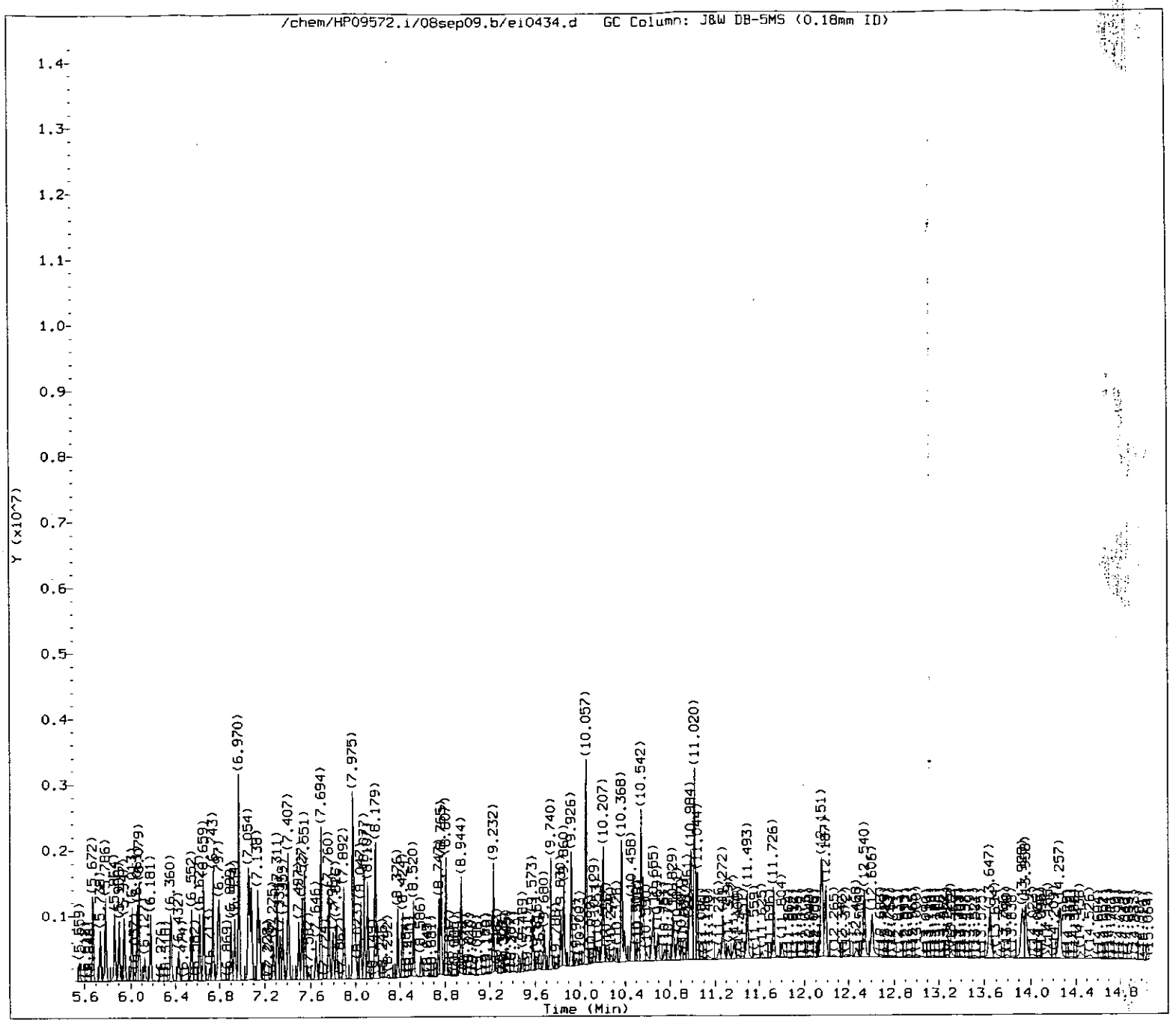
Data File: /chem/HP09572.i/08sep09.b/ei0434.d Instrument ID: HP09572.i
Injection date and time: 09-SEP-2008 18:45 Analyst ID: rpb01568

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

ASX05 0301

lmh1986 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

ASX05 0382

mm 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

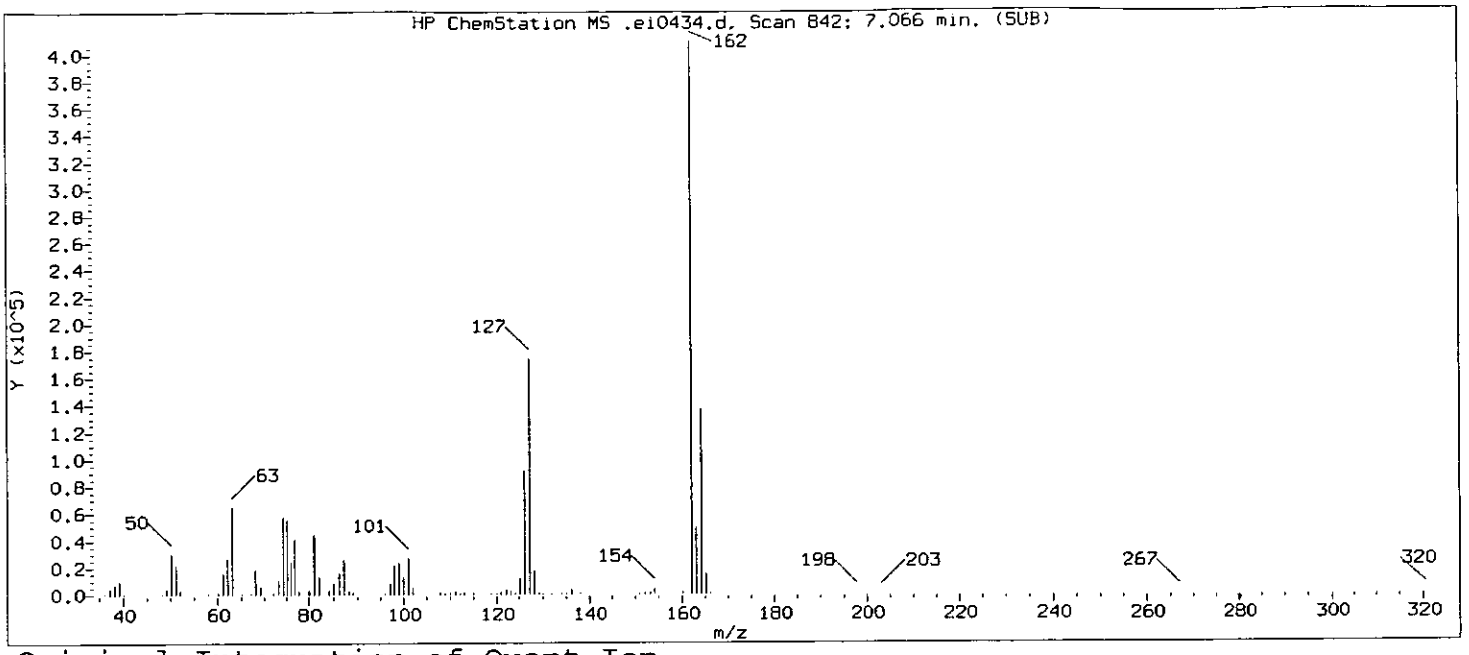
Sample Name: AMS33MSD Lab Sample ID: 5454447

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

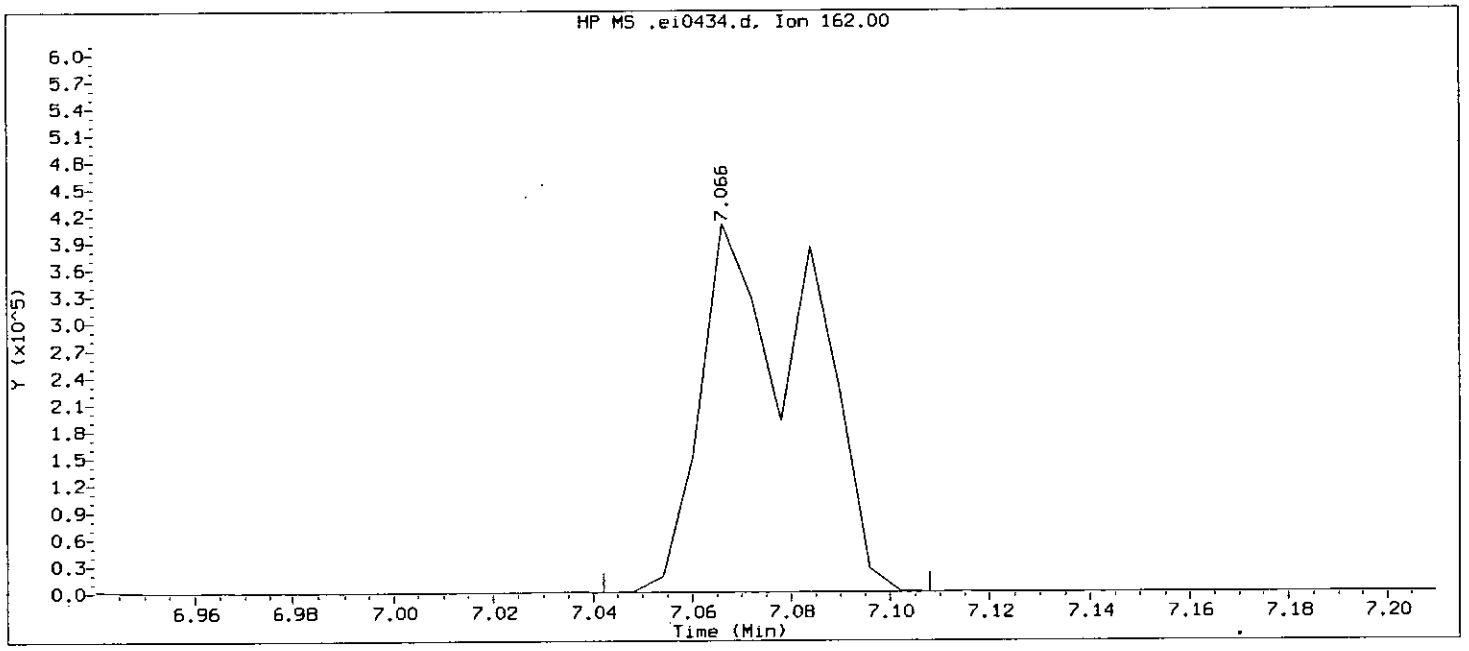
M = Compound was manually integrated. A = User selected an alternate hit

ASX05 0304

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

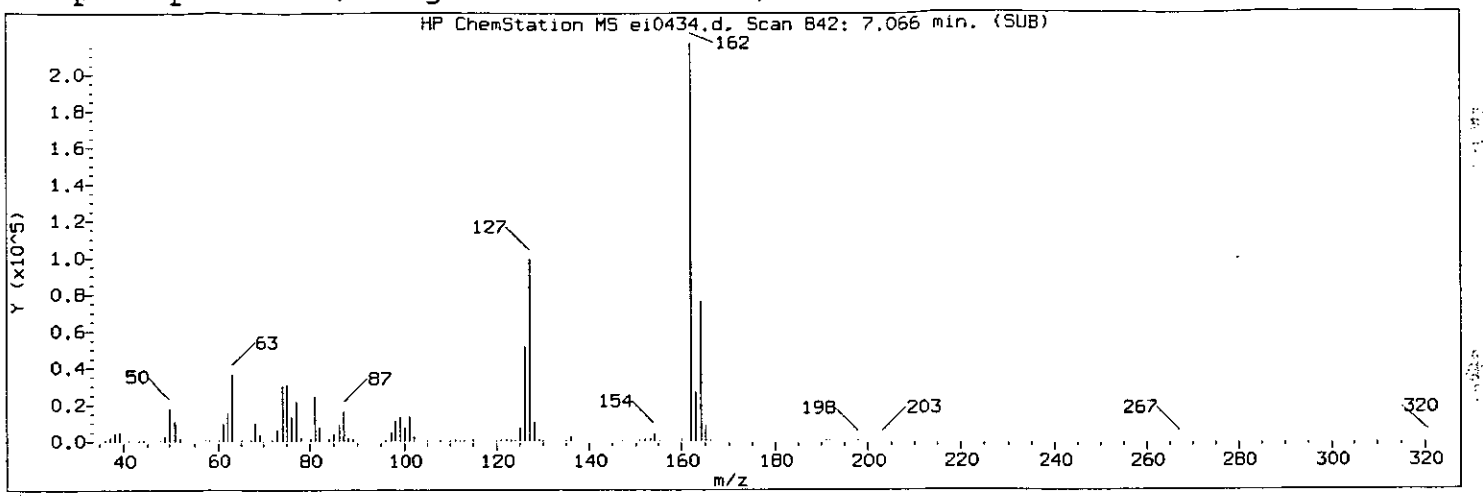
Compound Number : 84
Compound Name : 2-Chloronaphthalene
Scan Number : 842
Retention Time (minutes): 7.066
Quant Ion : 162
Area : 620996
Concentration (ng/ul) : 88.5514
Integration start scan : 837 Integration stop scan: 848
Y at integration start : 53 Y at integration end: 54

mm 09/09/08

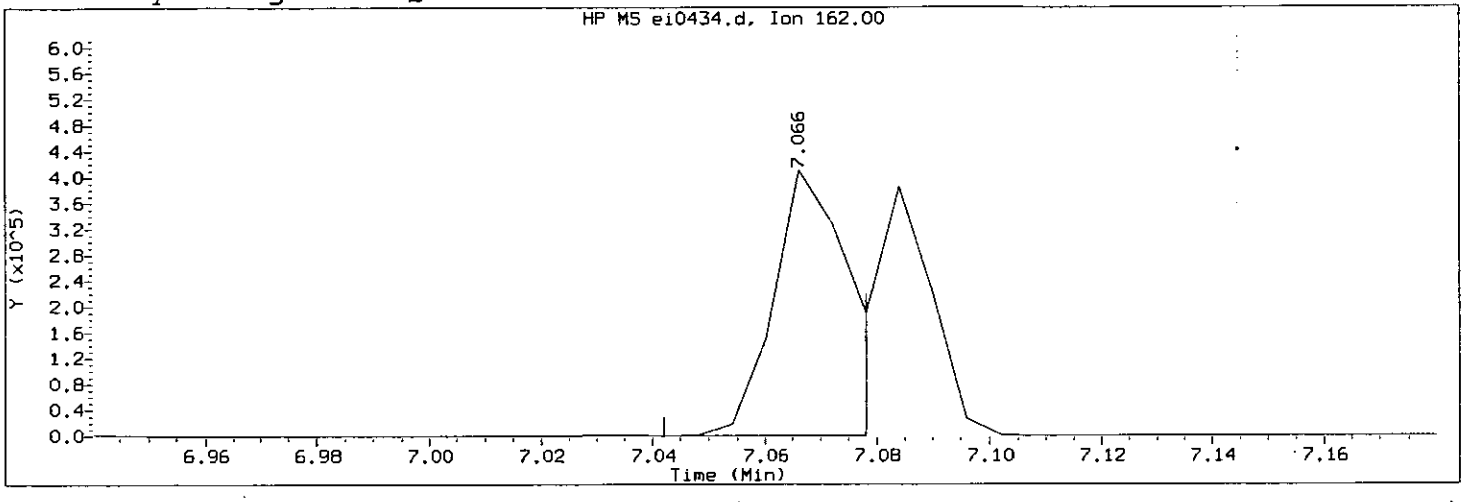
ASX05 0385

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

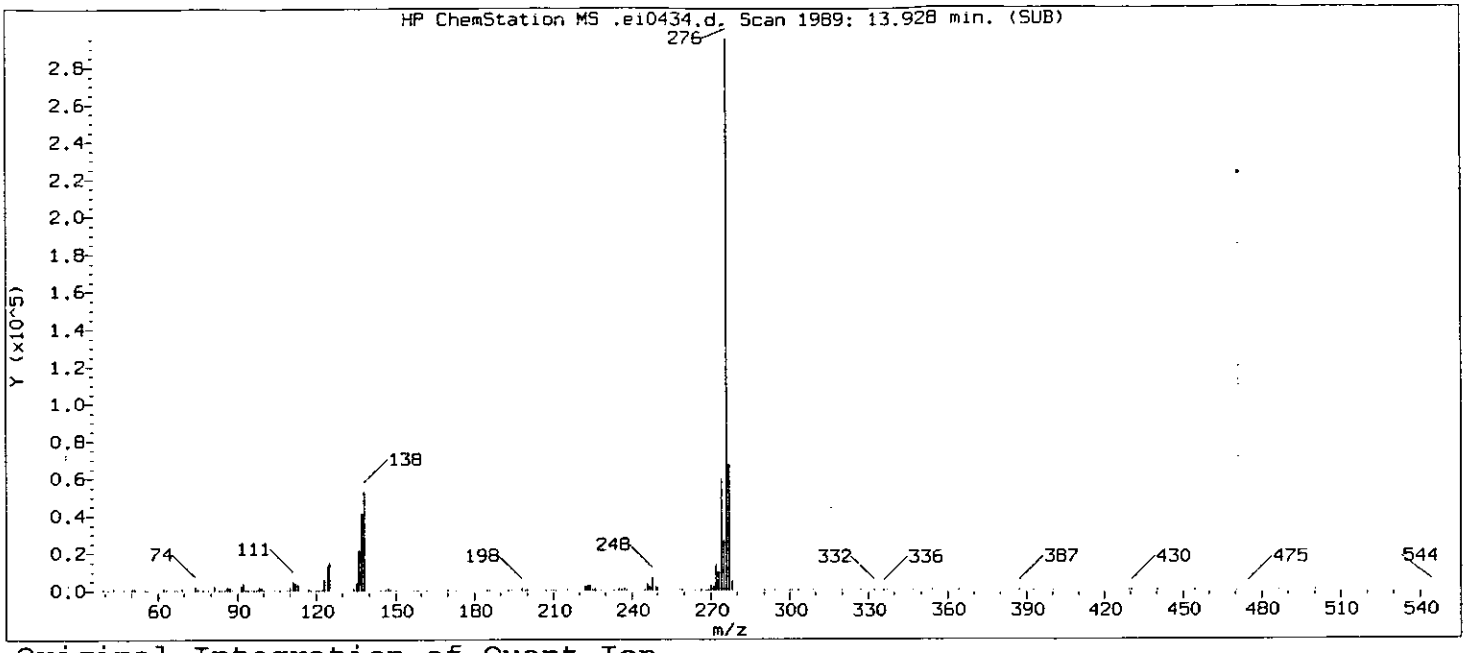
Reason for manual integration (circle one): missed peak improper integration

Analyst responsible for change: lmn198e 09/09/08

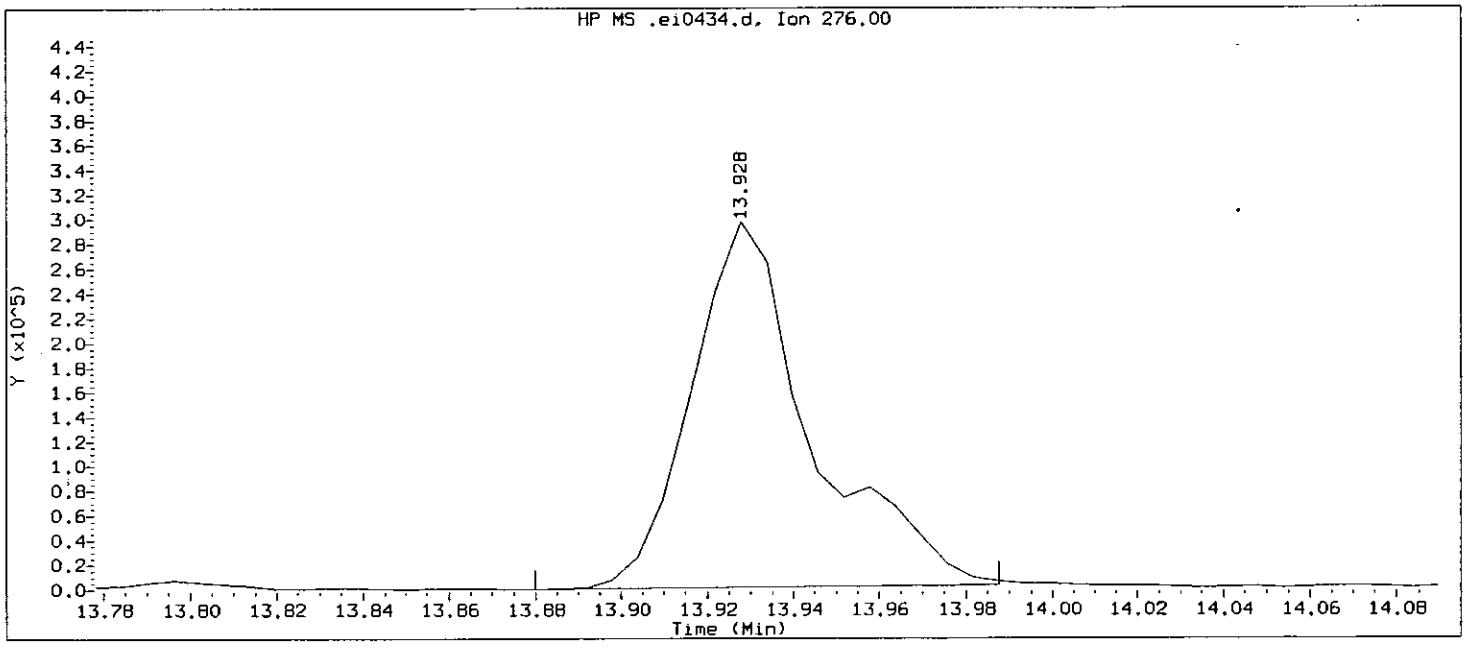
GC/MS audit/management approval: 9/10/08

Manual Integration Report for data file /chem/HP09572.i/08sep09.b/ei0434.d, generated on 09/09/2008 at 20:24

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

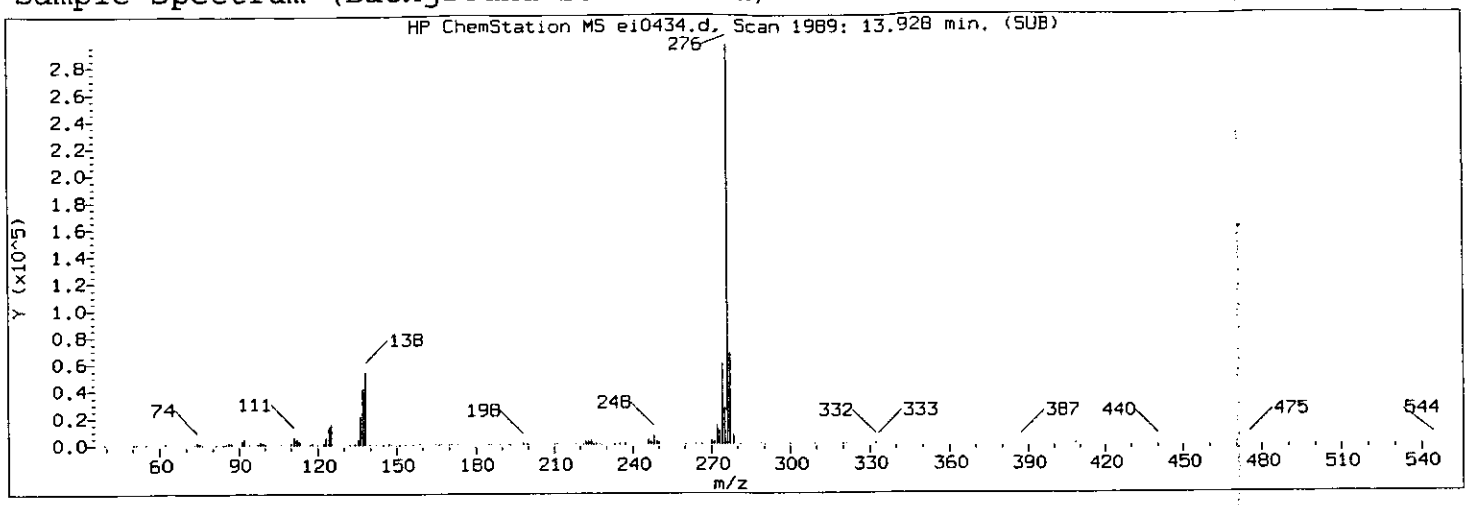
Sample Name: AMS33MSD Lab Sample ID: 5454447

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

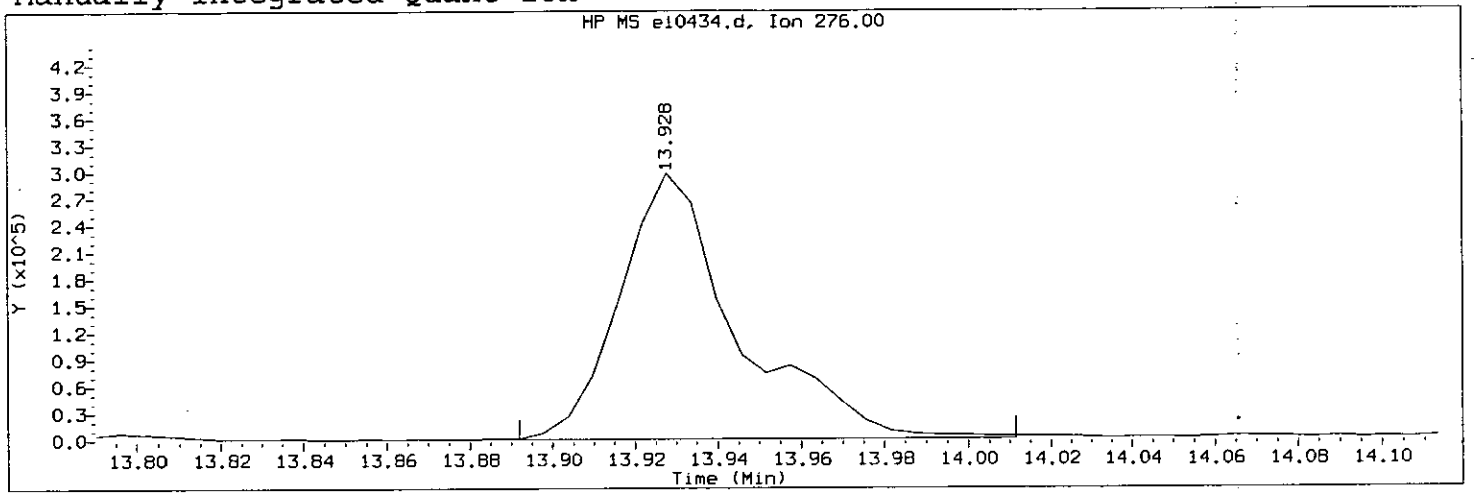
Lmn 1988 09/09/08 ASX05 2307

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: lmh198 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

ASX85 0389

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

ASX05 0310

246LALCS5 Lancaster Labs 246LALCS

Quantitation Report GC/MS Semi-Volatiles

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

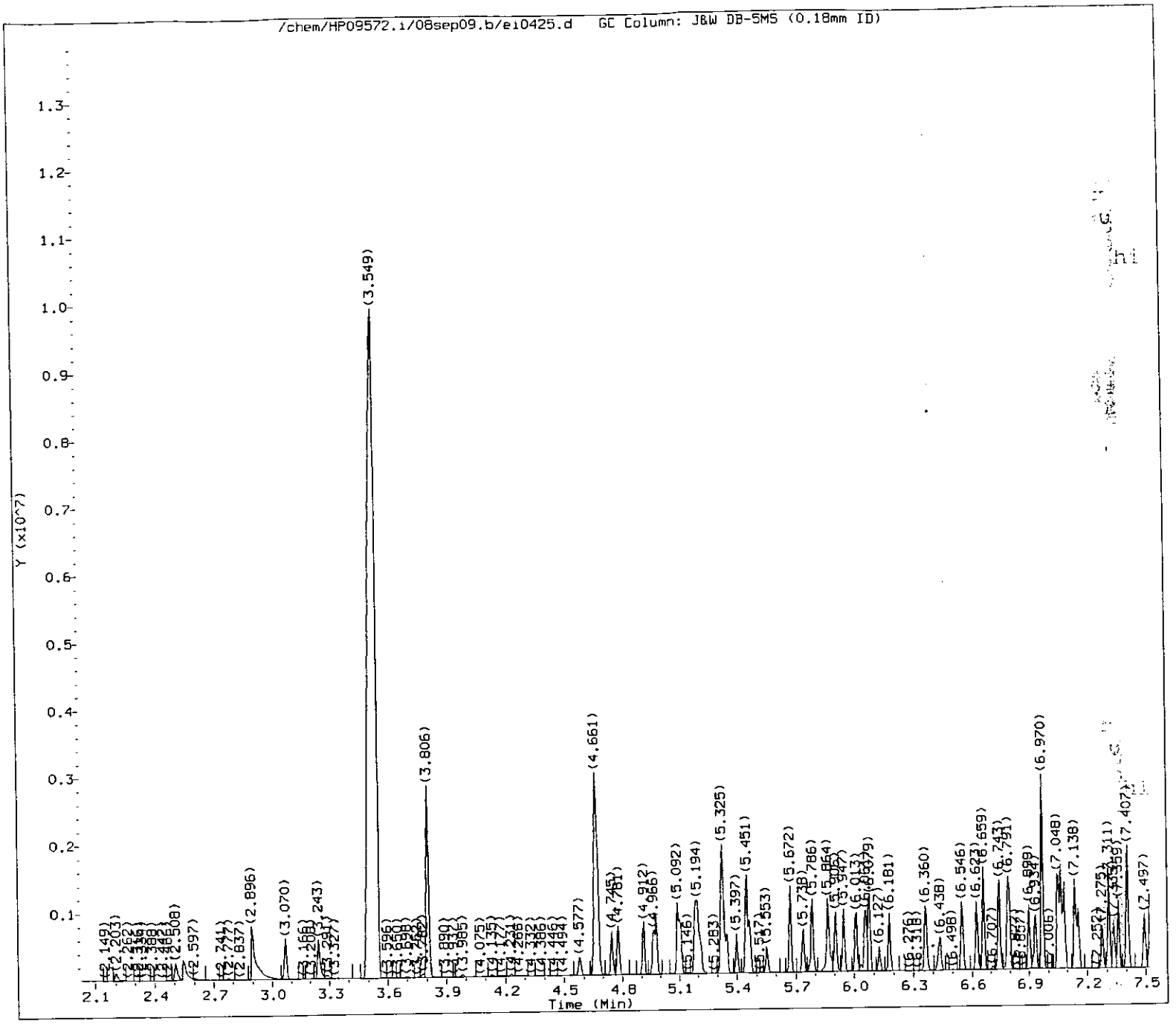
E = CONC. OUT OF CAL. RANGE # = RELATIVE RETENTION TIME OUT OF RANGE

Total number of targets = 65

Comments:

Analyst: Date: 09/09/08
Auditor: Date: 9/15/08

ASX05 0311



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

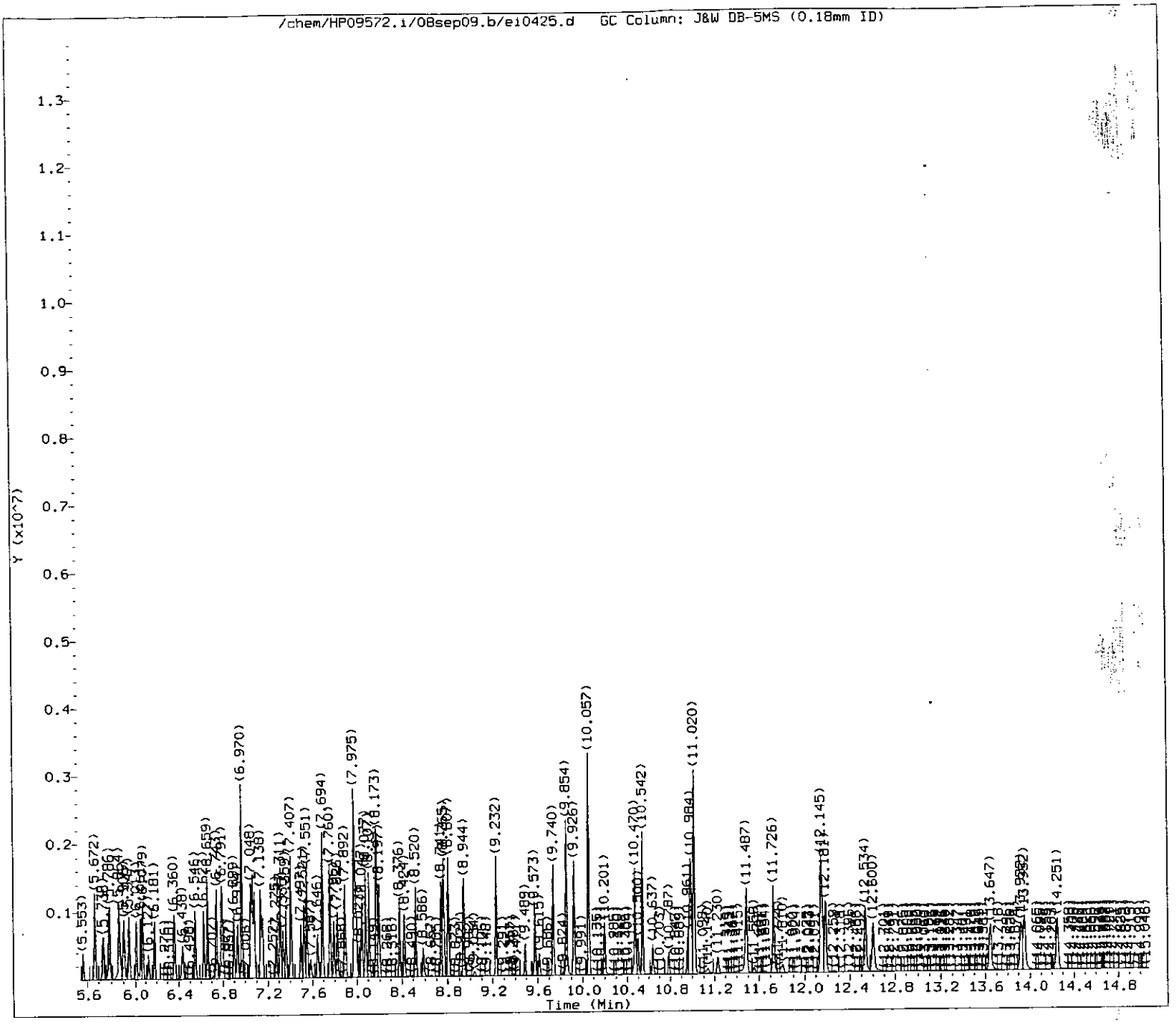
Date, time and analyst ID of latest file update: 09-Sep-2008 20:06 lmh00956

Sample Name: 246LALCS5

Lab Sample ID: 246LALCS

ASX85 0312

lmh 09/09/08



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

ASX05 0313

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
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

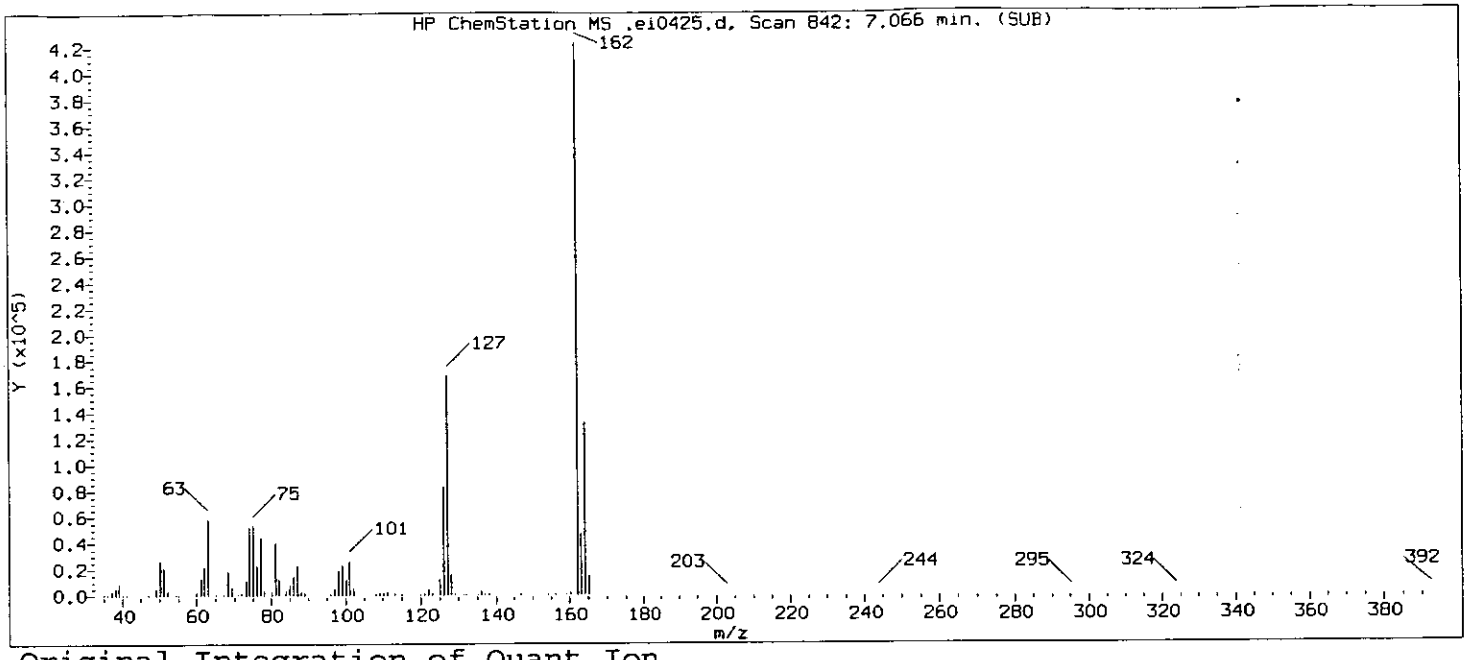
Lab Sample ID: 246LALCS

Compounds	I.S. Ref.	RT	QIon	Area	Conc. (on column)
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

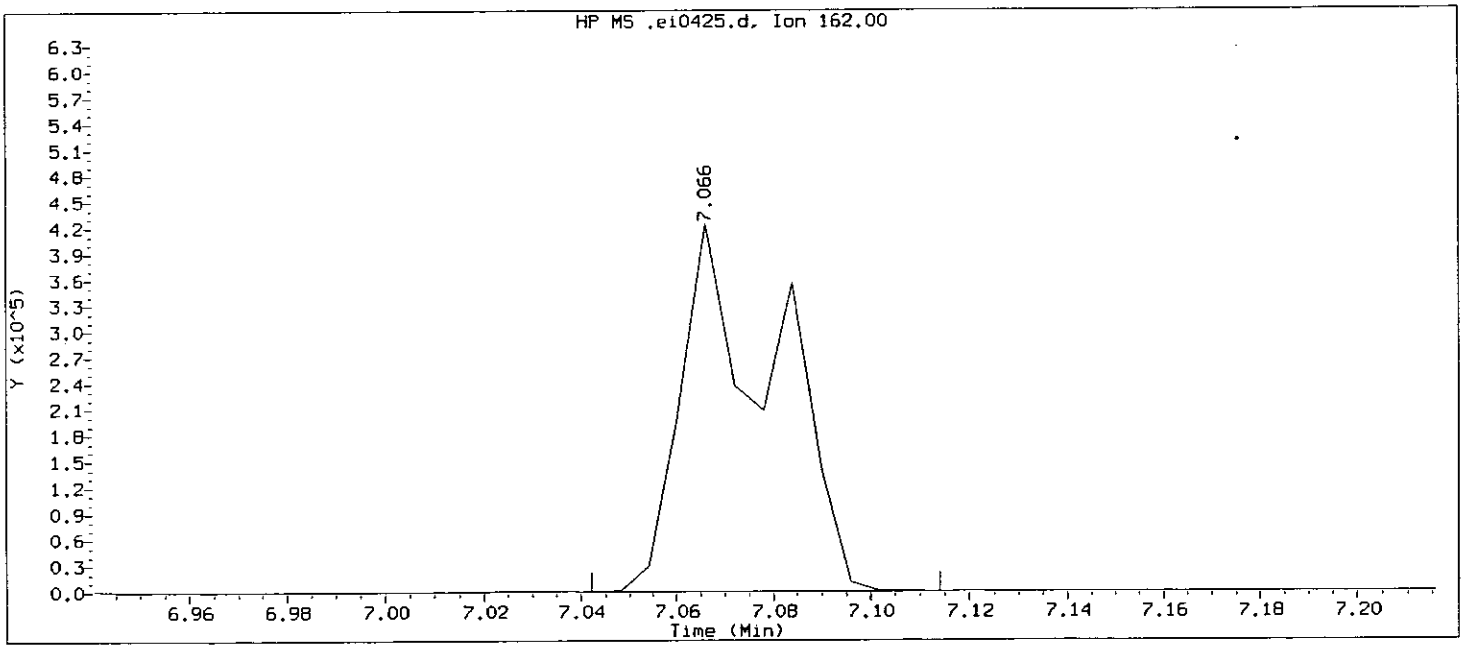
M = Compound was manually integrated.

A = User selected an alternate hit

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

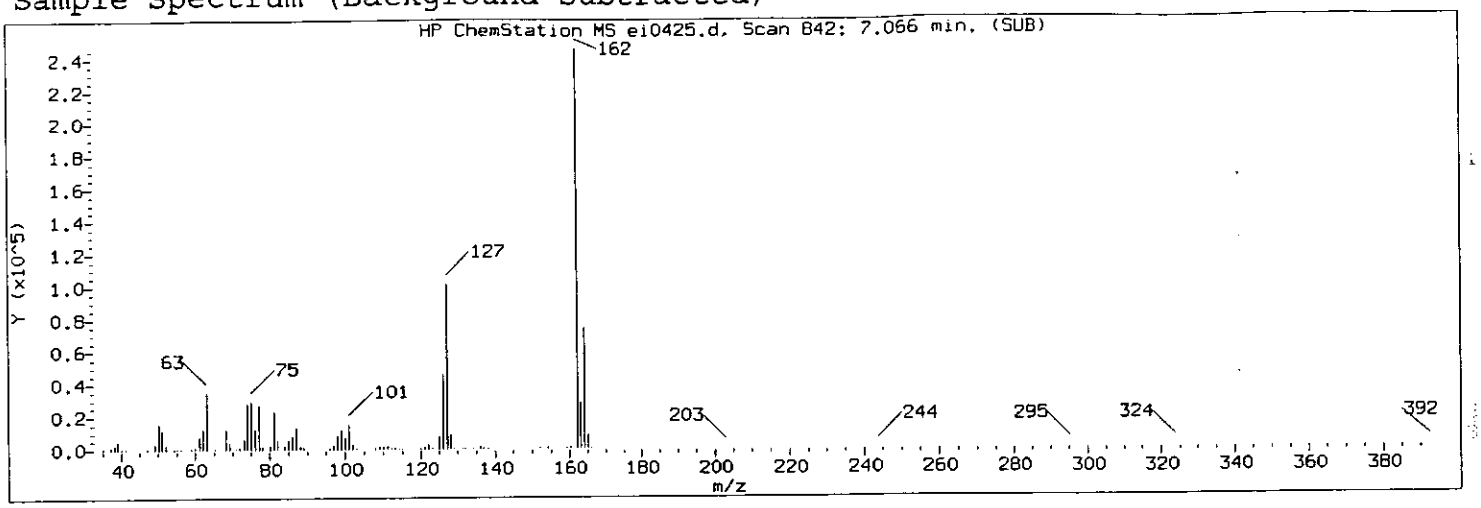
Sample Name: 246LALCS5 Lab Sample ID: 246LALCS

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

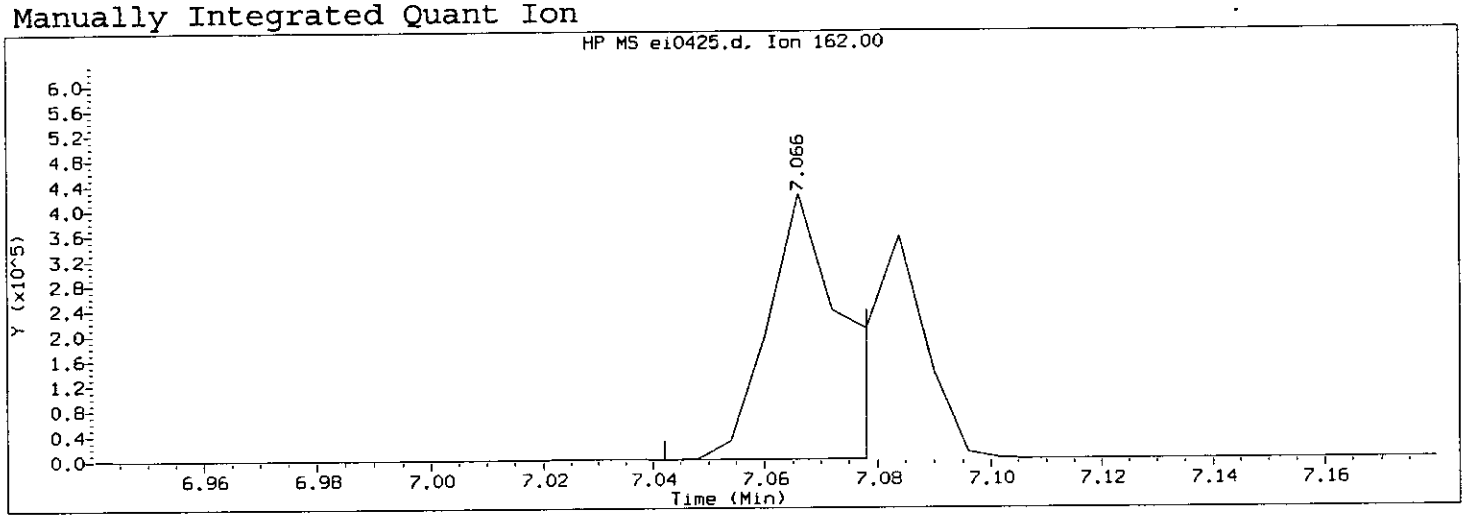
MM 09/09/08 ASX05 8316

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: lmh198 09/09/08

GC/MS audit/management approval: 9/10/08 ASX05 0317

Semi-Volatiles

Runlog for Hewlett Packard GC/MS System HP09572 **HP #05**

*** Shift #1 Analyst: _____ *** Shift #2 Analyst: Frattenstine 19Sep *

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
	EI0100.D	DFTPP	8270DFTPP1748	03 Sep 2008	19:06			NU
1	EI0101.D	SSTD050	STD2388	03 Sep 2008	19:20			NU
6	EI0100Z.D	DFTPP	8270DFTPP1748	03 Sep 2008	19:41			MR
1	EI0101A.D	SSTD050	STD2388	03 Sep 2008	19:56			MR
6	EI0102.D	SSTD2.5	STD2388	03 Sep 2008	20:20			MR
2	EI0103.D	SSTD005	STD2478	03 Sep 2008	20:43			MR
3	EI0104.D	SSTD015	STD2478	03 Sep 2008	21:06			MR
4	EI0105.D	SSTD030	STD2478	03 Sep 2008	21:30			MR
5	EI0106.D	SSTD050	STD2478	03 Sep 2008	21:53			MR
6	EI0107.D	SSTD080	STD2478	03 Sep 2008	22:17			MR
7	EI0108.D	SSTD120	STD2478	03 Sep 2008	22:40			MR
8	EI0111.D	SSTD005	BAS2188	03 Sep 2008	23:03			MR
11	EI0112.D	SSTD015	BAS2188	03 Sep 2008	23:26			MR
12	EI0113.D	SSTD030	BAS2188	03 Sep 2008	23:50			MR
13	EI0114.D	SSTD050	BAS2188	04 Sep 2008	00:13			MR
14	EI0115.D	SSTD080	BAS2188	04 Sep 2008	00:37			MR
15	EI0116.D	SSTD120	BAS2188	04 Sep 2008	1:00			MR
16	EI0117.D	SSTD001	BASMDL2188	04 Sep 2008	1:23			MR
17	EI0118.D	SSTD050	BASICV1718	04 Sep 2008	1:47			MR
18	EI0109.D	SSTD001	8270MDL2478	04 Sep 2008	2:10			MR
9	EI0110.D	SSTD050	ICV2358	04 Sep 2008	2:34			MR
10	EI0119.D	SBLKWH2435	SBLKWH243	04 Sep 2008	2:57	08243WAH		MR
19	EI0120.D	243WHLCS5	243WHLCS	04 Sep 2008	3:20	08243WAH		MR
20	EI0121.D	243WHLCSD5	243WHLCSD	04 Sep 2008	3:44	08243WAH		MR
21	EI0122.D	MOSFDRE	5446850RE	04 Sep 2008	4:07	08243WAH		MR
22	EI0123.D	MOS71RE	5446851RE	04 Sep 2008	4:30	08243WAH		MR
23	EI0124.D	FES-1DL	5450474DL	04 Sep 2008	4:54	08240WAI	10	MR
24	EI0125.D	CASS3	5450499	04 Sep 2008	5:17	08240WAI		MR
25	EI0126.D	CASS5	5450503	04 Sep 2008	5:40	08240WAI		MR
26	EI0127.D	CASS7	5450507	04 Sep 2008	6:03	08240WAI		MR
27	EI0128.D	CASS9	5450511	04 Sep 2008	6:27	08240WAI		MR
28	EI0129.D	CAS11	5450515	04 Sep 2008	6:50	08240WAI		IC
29	EI0130.D	MW-1SRE	5450466RE	04 Sep 2008	7:13	08240WAI		IC
30	EI0131.D	MW-2SRE	5450470RE	04 Sep 2008	7:37	08240WAI		
31								

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

ASX85 8319

Extraction/Distillation/Digestion Logs

Organic Extraction Batchlog

08246SLA026

Reviewed By: R. Byrne ISO 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					2/A	Gritty
5454447MSD	AMS33MSD	30	SS0821426B		MS0823926H						

Solvent Used	Lot No.
1:1 Methylene Chloride/Aceton	185082608A
Filter paper	J113748/5
Methylene Chloride	G32E43
Sodium Sulfate	08246A

Spike Solutions: SS0821426B BNA SURROGATE STANDARD; MS0823926H LCS SPIKE MIX

Witness: N/A

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 milky 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: Internal Standard 2857045 Work Station: Sonic Hood-4 Balance # 109579

S-bath ID 3 [illegible] °C S-bath ID — °C N-Evap — °C M-vap — °C

Documented temps are NIST corrected.

08246SLA026

DF = Dilution Factor, FV = Final Volume page 1 of 1

Volatiles by GC Data

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories

Where quality is a science.

Case Narrative
SDG# ASX05

Client: Stantec
Volatiles by GC - Water

SAMPLE ANALYSES

LL Sample #	Sample Designation	Matrix Soil	Water	Comments
5454450	AMSB2		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

ASX05 0324

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

QC Summary

Quality Control Summary
SDG# ASX05

Surrogate Recovery
Volatiles by GC - Water

LL Sample#	Sample Code	Dilution Factor	TFT-F Water-FID % Recovery	TFT-P Water-PID % Recovery	TOT OUT
5454450	AMSB2	1.0	107	104	
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# ASX05

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
5454450	AMSB2	09/04/08	18:29

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

Lancaster Laboratories

Quality Control Summary

SDG# ASX05

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 Hydrocarb	150.00	162	166	108.00	111.00	70-130	2	50
C9-C12 Aliphatic Hydroca	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 Alipha	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.

ASX05 0320

Sample Data

Analysis LOQ/MDL Report

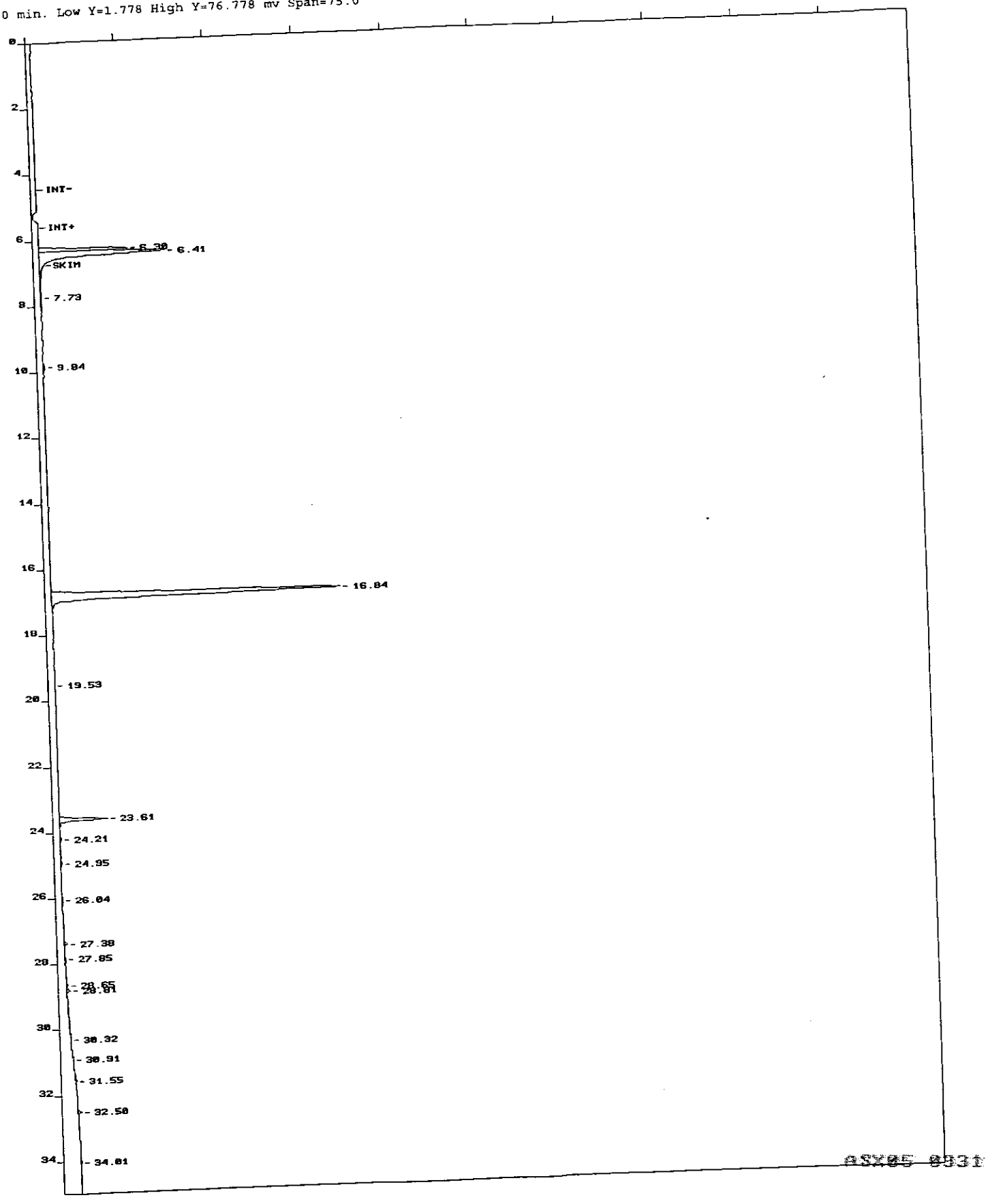
Analysis: 08754 Name: MA - VPH waters

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

ASX05 0330

File=C:\CP\DATA1\01248.11R Date printed=09-04-2008 Time= 18:29:16
Sample Name=5454450 SB %26A% 08248A01A8754
0.0 to 35.0 min. Low Y=1.778 High Y=76.778 mv Span=75.0



0SX85 0031

Sample Name: **5454450** **SB %26A%**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 18:29:14
Cycle: 11
Analyst: 290
Raw File: C:\CP\DATA1\01248.11R
Area File: C:\CP\DATA1\01248.11A
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
6.298	6.298		357.872	39081	7646
6.412	6.412		943.438	103027	10868
7.733	7.733	n-PENTANE	0.083	397	46
9.842	9.842		13.167	1438	150
16.836	16.836	SURR-TFT-F	53.701	214095	24564
19.533	19.533		2.588	283	33
23.613	23.613	SURR-1C3FB	53.040	22273	4234
24.209	24.209	n-NONANE	0.281	1149	174
24.948	24.948	M,P-XYLENE	0.109	823	104
26.042	26.042	O-XYLENE	0.089	656	60
27.379	27.379	n-DECANE	0.277	1092	265
27.848	27.848		2.610	285	37
28.649	28.649	1,2,4-TMB	0.088	600	145
28.814	28.814	n-BUTYLCYCLOHEXANE	0.249	1123	270
30.317	30.317		4.652	508	39
30.913	30.913		2.902	317	51
31.552	31.552		10.853	1185	90
32.502	32.502		15.181	1658	369
34.012	34.012		10.477	1144	104

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	7.63	24.12	122.57861	8.32930%	238.4855E+03	60.9727%
2	24.13	32.42	22.11060	1.50243%	773.9332E+01	1.9787%

Total slice amount = 144.6892 Total slice area = 246224.8
Total slice amount% = 9.831726 Total slice area% = 62.95141

Surrogate Recoveries

Surrogate 1C3FB: **106.1%**
Surrogate TFT: **107.4%**

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

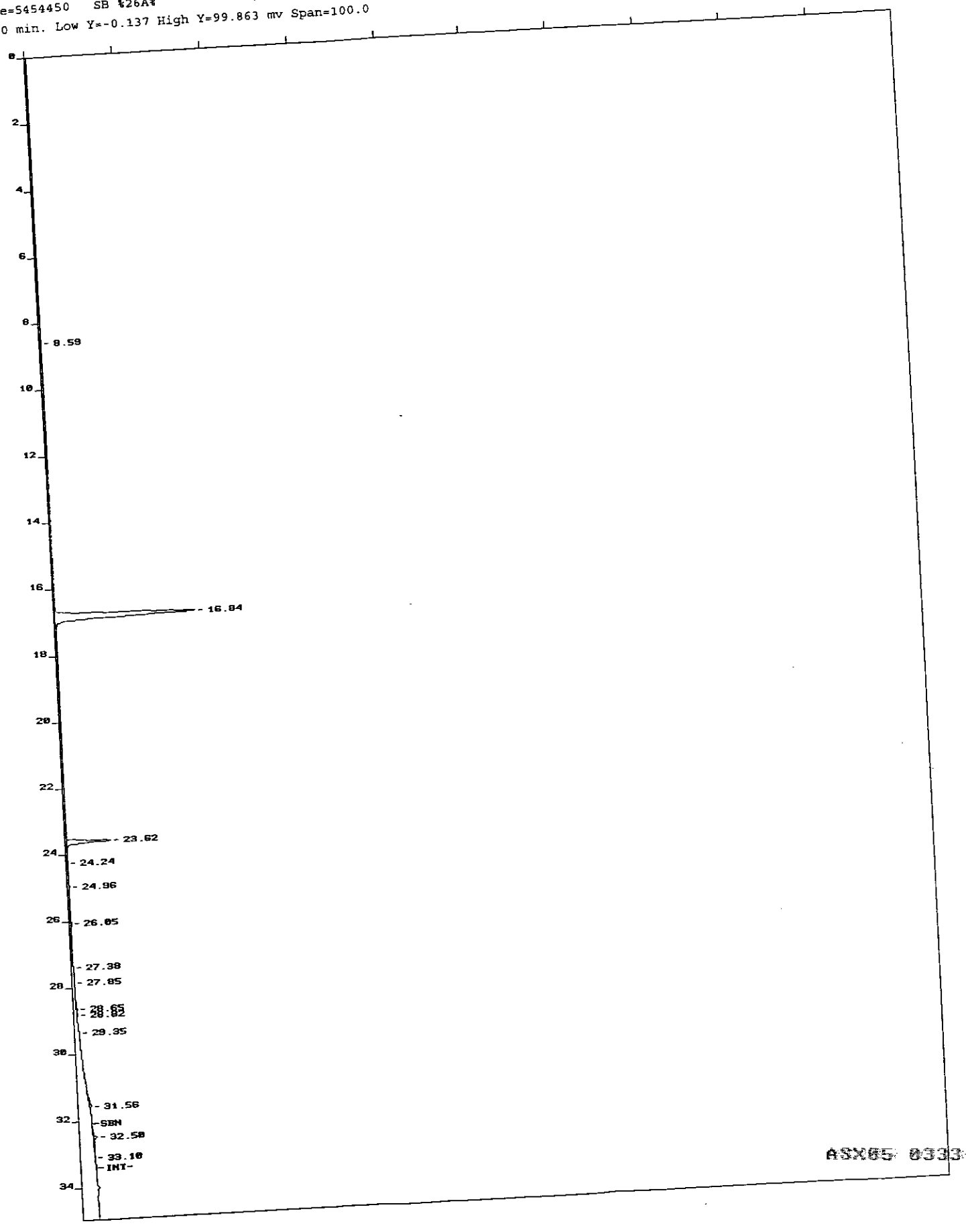
Reviewed by: KO RWO Date: 9/10/08

Verified by: MCM Date: 9/9/08

Sample Name: **5454450** **SB %26A%** **08248A01**
Date Acquired: Sep 4, 2008 18:29:14

ASX05 0332

File=C:\CP\DATA1\01248B.11R Date printed=09-04-2008 Time= 18:29:36
Sample Name=5454450 SB %26A% 08248A01A8754
0.0 to 35.0 min. Low Y=-0.137 High Y=99.863 mv Span=100.0



ASX65 0333

Sample Name: **5454450** **SB %26A%**

08248A01A
Analyses: 8754
Dil. Factor: 1

Date acquired: Sep 4, 2008 18:29:14
Cycle: 11
Analyst: 290
Raw File: C:\CP\DATA1\01248B.11R
Area File: C:\CP\DATA1\01248B.11A
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
16.840	16.836	SURR-TFT-P	51.8512	140281	16155
20.694	20.694	TOLUENE	0.0000	0	0
23.617	23.624	ISTD-1C3FB	1.0000	27465	5154
24.771	24.771	ETHYLBENZENE	0.0000	0	0
24.956	24.962	M,P-XYLENE	0.0947	758	107
26.054	26.038	O-XYLENE	0.1327	969	80
28.652	28.662	1,2,4-TMB	0.1075	737	148
32.504	32.516	NAPHTHALENE	0.6119	3116	523

SLICE REPORT

#	Start Time	Stop Time	Amount	Amount%	Area	Area%
1	26.14	32.42	1.63161	2.96265%	486.0656E+01	3.1975%

Total slice amount = 1.631612 Total slice area = 4860.656
Total slice amount% = 2.962646 Total slice area% = 3.197471

XYLENES (TOTAL) = 0.2274 ug/L

Surrogate Recoveries

Surrogate TFT: 103.70%

Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAPID.FMT **08248A01**
Sample Name: **5454450** **SB %26A%**
Date Acquired: Sep 4, 2008 18:29:14

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: KS Date: 9/7/08

Verified by: MLM Date: 9/9/08

OSX85 0334

Standards Data

ASX85 0335

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
to → 20
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

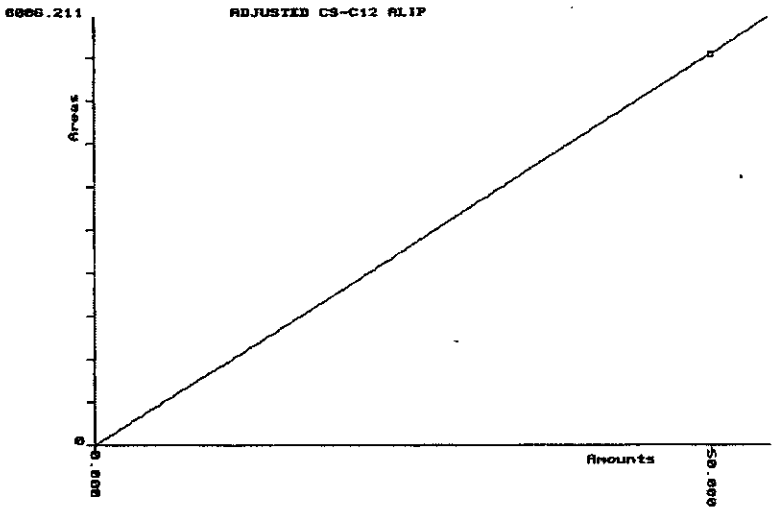
MISSUE 8/25/08

ASX05 0338

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

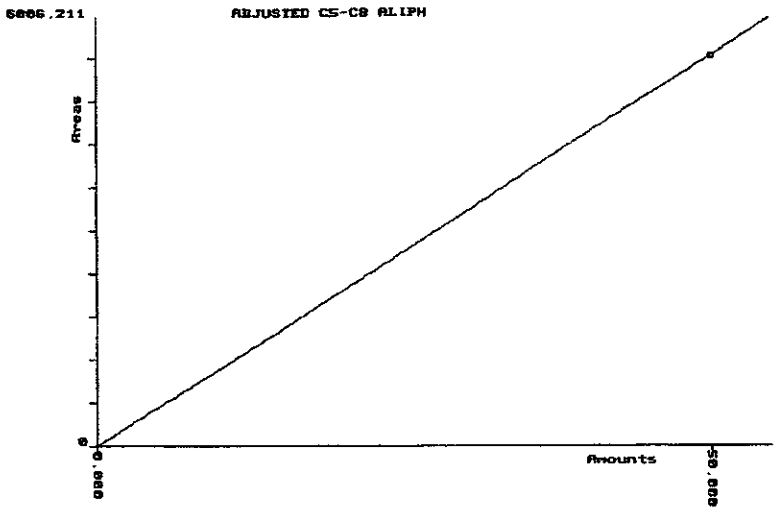
1 **ADJUSTED C9-C12 ALIP** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

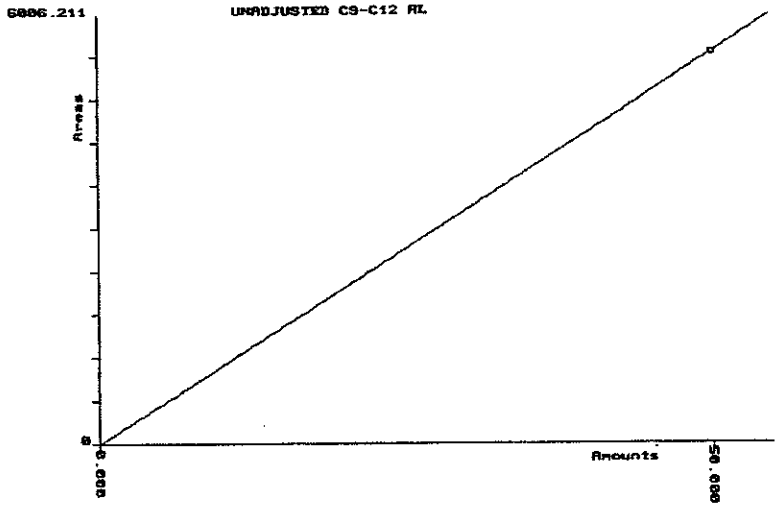
2 **ADJUSTED C5-C8 ALIPH** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

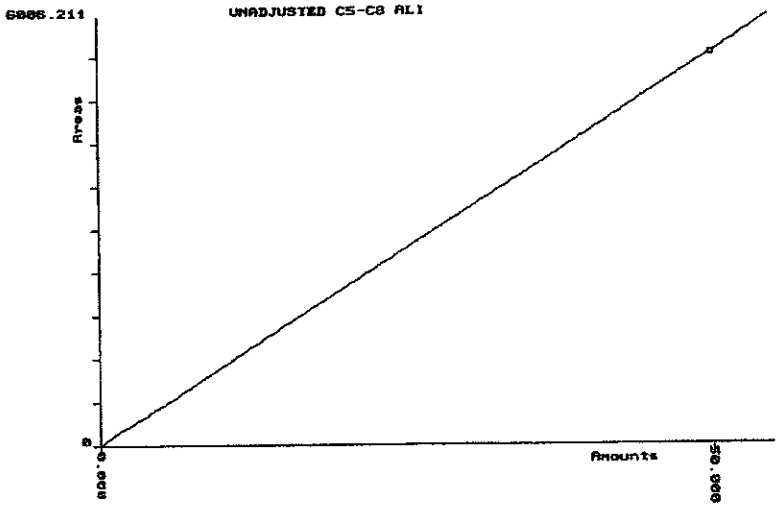
3 **UNADJUSTED C9-C12 AL** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

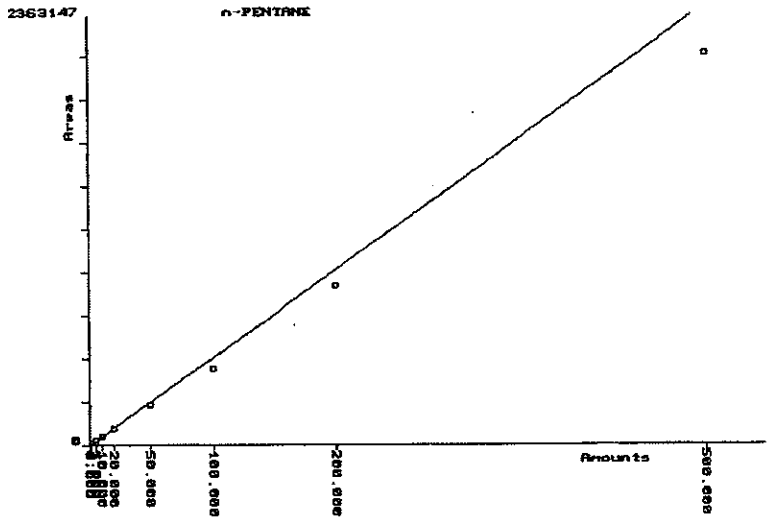
4 **UNADJUSTED C5-C8 ALI** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=2-METHYLPENTANE at 9.377056 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

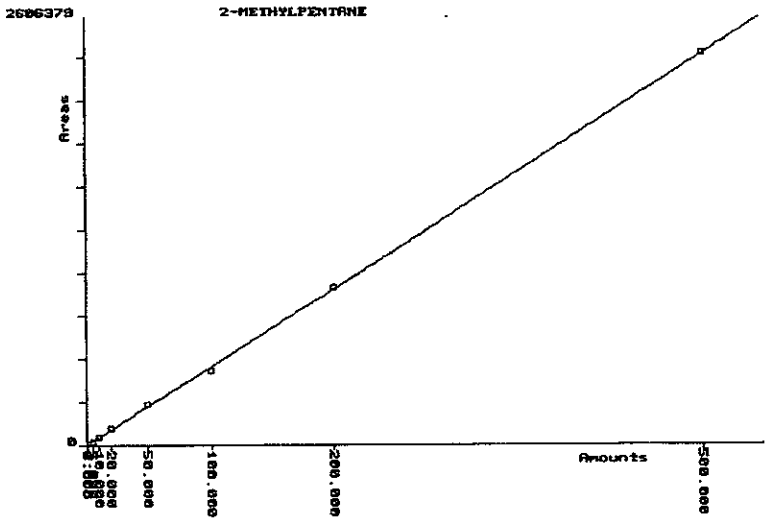
5 **n-PENTANE** Ret time= 7.706 min. Search window= 0.060 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

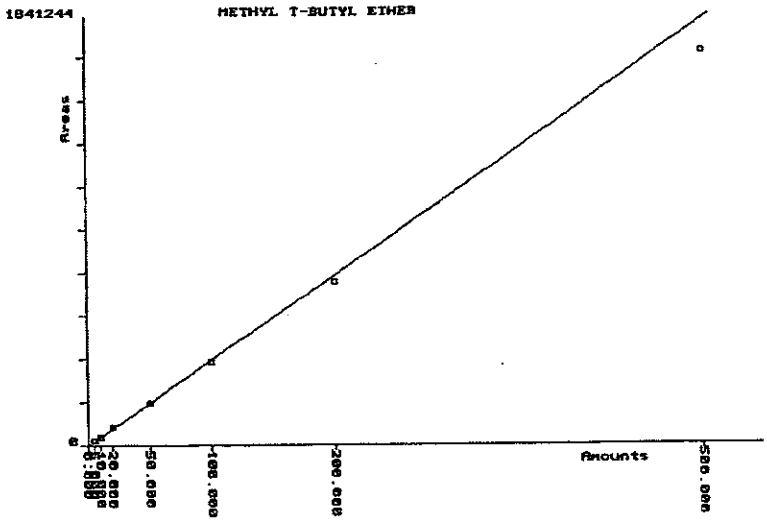
6 **2-METHYLPENTANE** Ret time= 9.377 min. Search window= 0.070 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

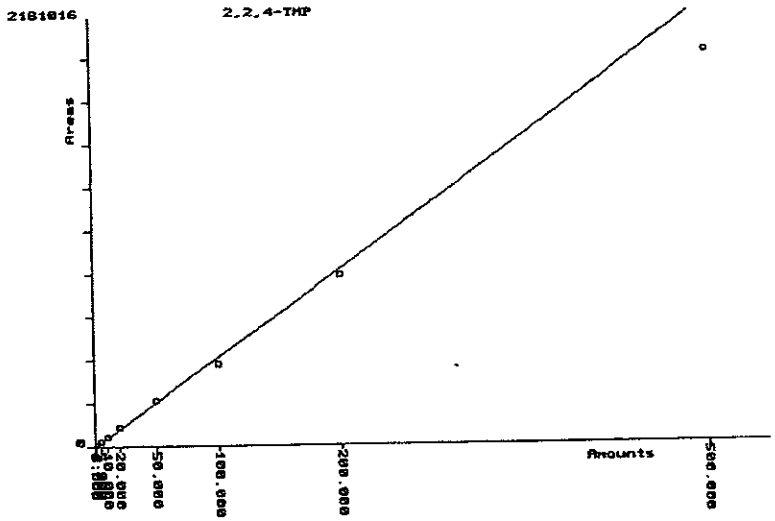
7 **METHYL T-BUTYL ETHER** Ret time= 10.012 min. Search window= 0.100 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

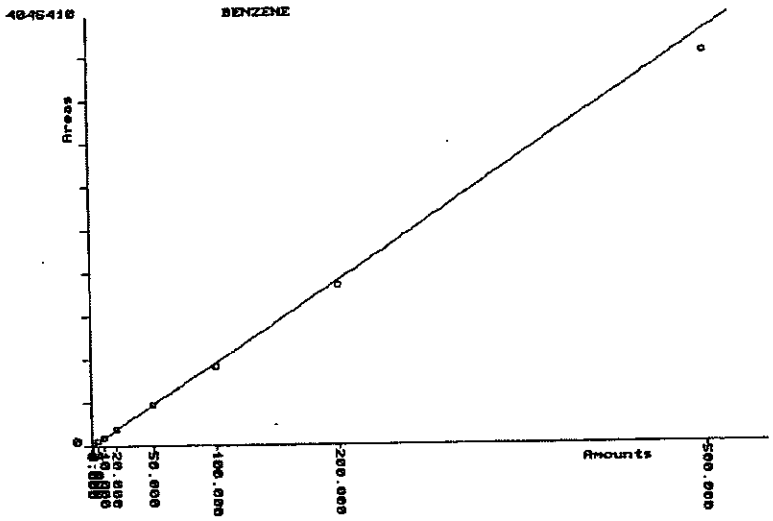
8 **2,2,4-TMP** Ret time= 14.115 min. Search window= 0.090 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

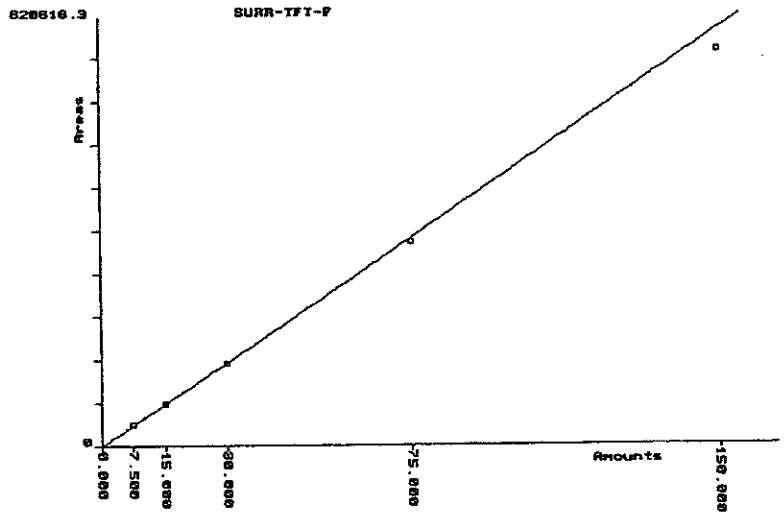
9 **BENZENE** Ret time= 15.116 min. Search window= 0.100 min.
Reference peak=SURR-TFT-F at 16.79226 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

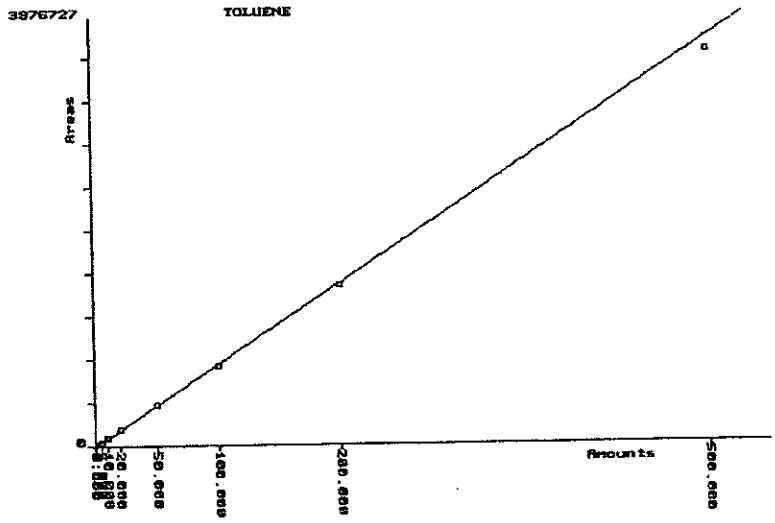
10 **SURR-TFT-F** Ret time= 16.792 min. Search window= 0.150 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

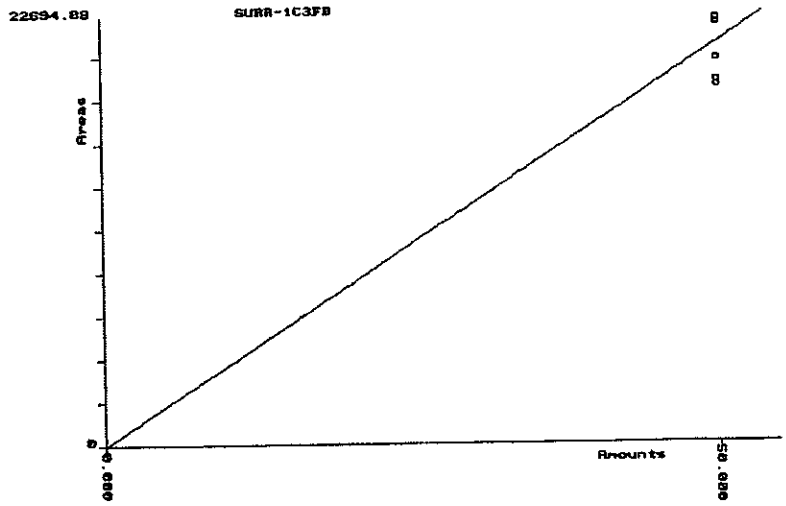
11 **TOLUENE** Ret time= 20.655 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

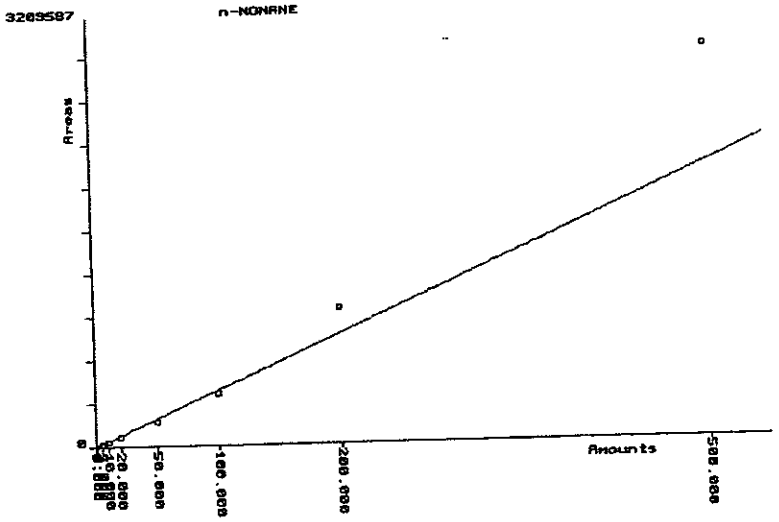
12 **SURR-1C3FB** Ret time= 23.596 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

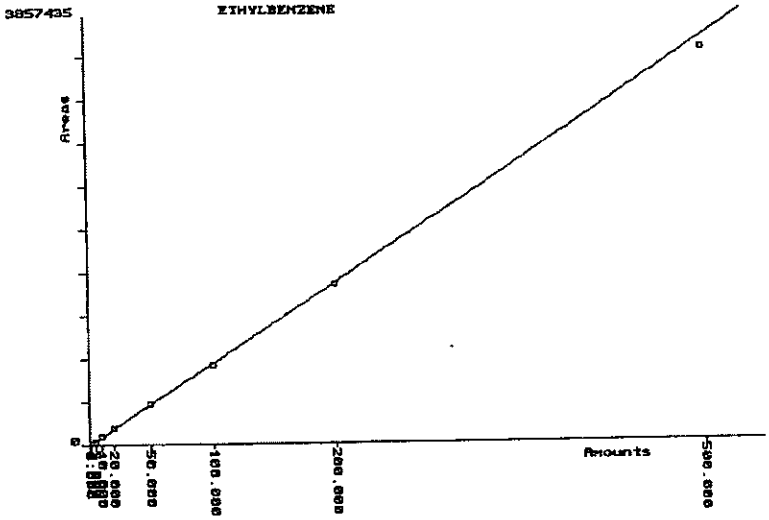
13 **n-NONANE** Ret time= 24.198 min. Search window= 0.040 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

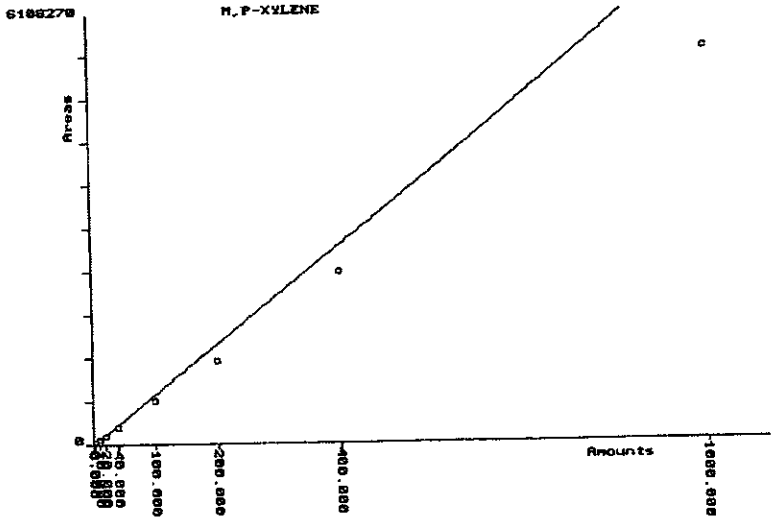
14 **ETHYLBENZENE** Ret time= 24.748 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

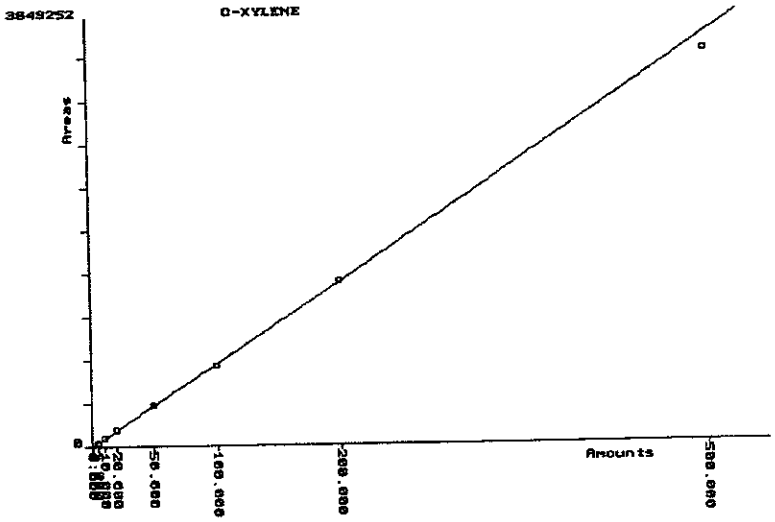
15 **M,P-XYLENE** Ret time= 24.939 min. Search window= 0.050 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 100
Quantitation will be by peak area.



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%

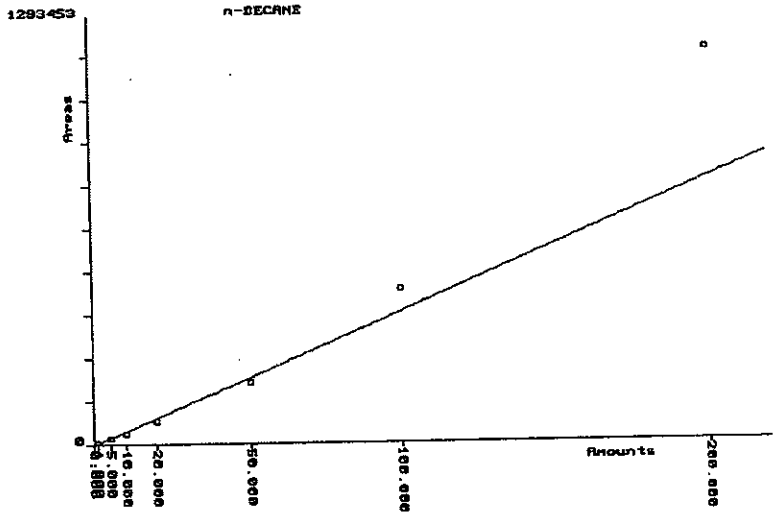
16 **O-XYLENE** Ret time= 26.018 min. Search window= 0.050 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

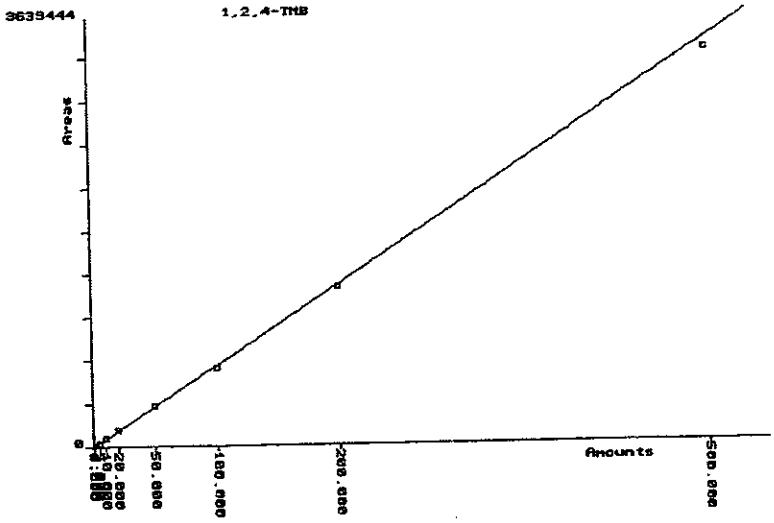
17 **n-DECANE** Ret time= 27.378 min. Search window= 0.150 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

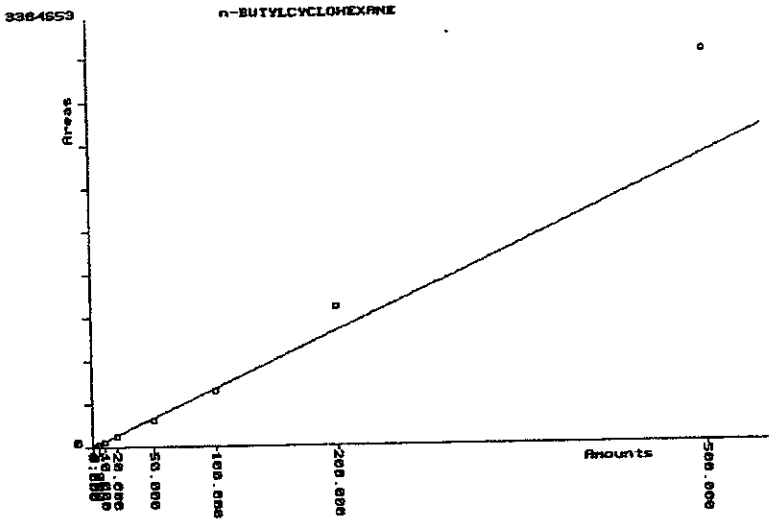
18 **1,2,4-TMB** Ret time= 28.650 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

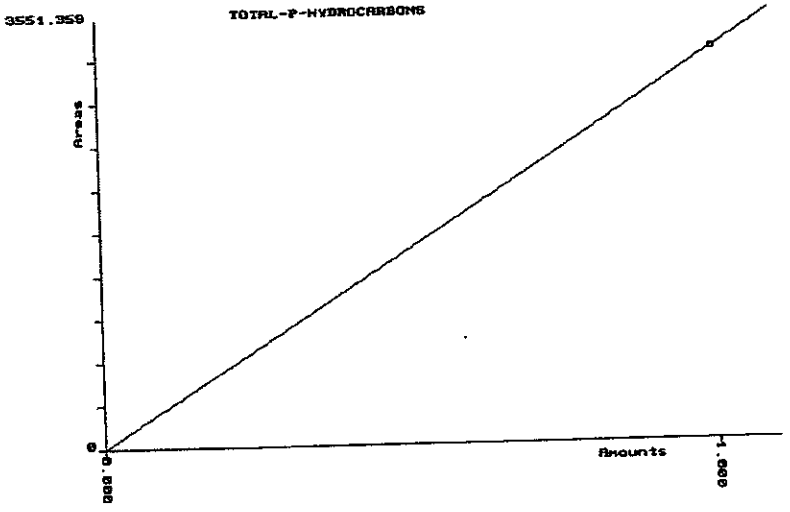
19 **n-BUTYLCYCLOHEXANE** Ret time= 28.817 min. Search window= 0.100 min.
Reference peak=SURR-1C3FB at 23.59637 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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.



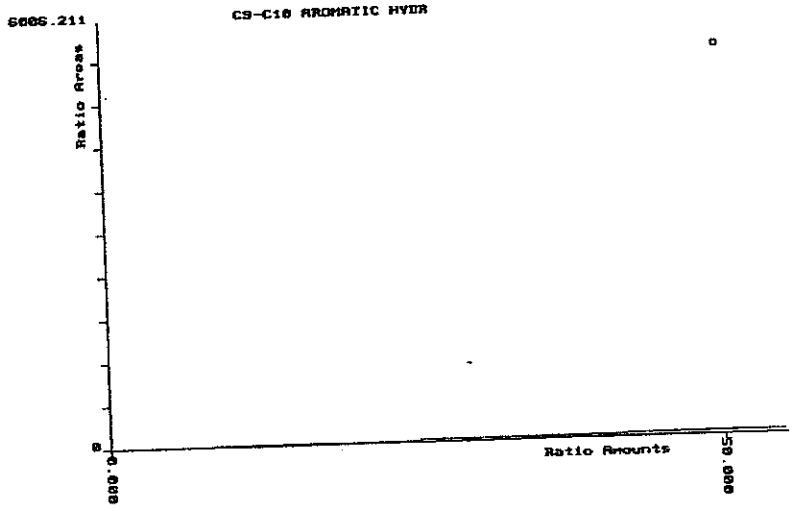
LEVEL	AMOUNT	AREA	AREA /Amt	Source	Date Updated
1	1.00000	3229	32285.1E-01	Manual	08-23-2008 10:15

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

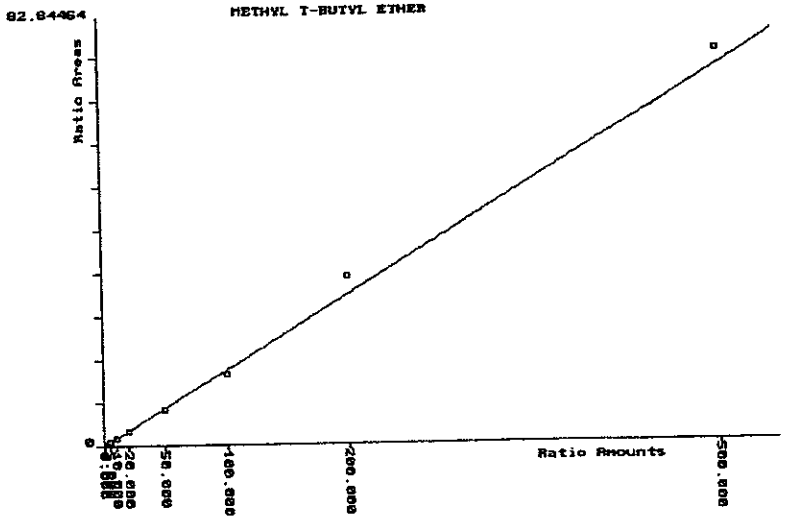
1 **C9-C10 AROMATIC HYDR** Ret time= 0.000 min. Search window= 0.000 min.
Reference peak=TOLUENE at 20.65142 minutes
No internal standard for this compound.
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

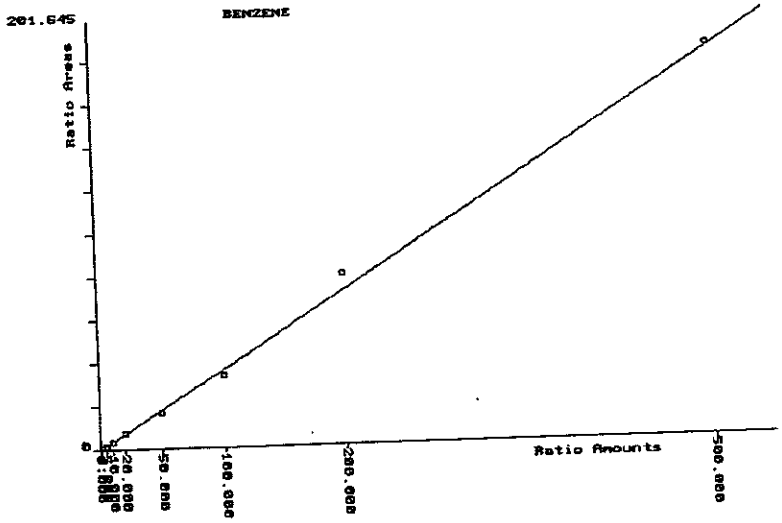
2 **METHYL T-BUTYL ETHER** Ret time= 10.012 min. Search window= 0.050 min.
Reference peak=SURR-TFT-P at 16.85219 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

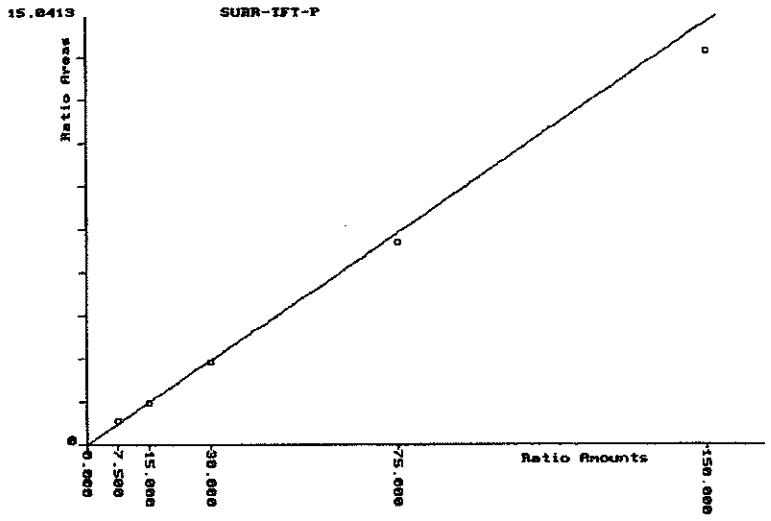
3 **BENZENE** Ret time= 15.109 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

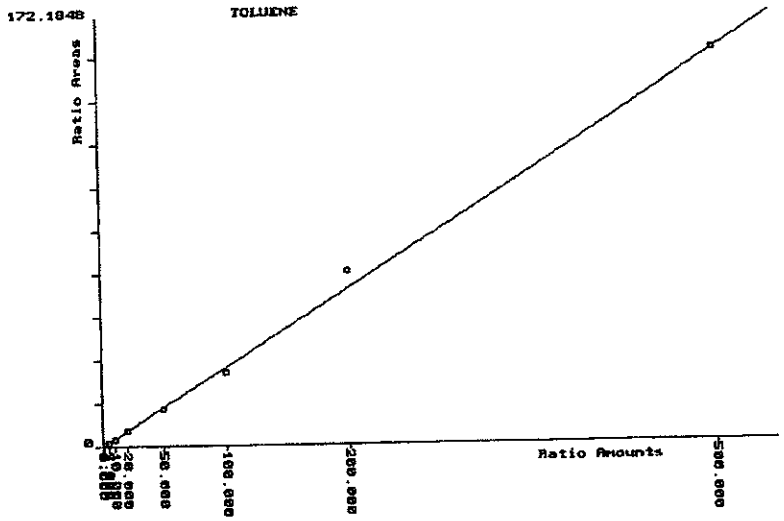
4 **SURR-TFT-P** Ret time= 16.852 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

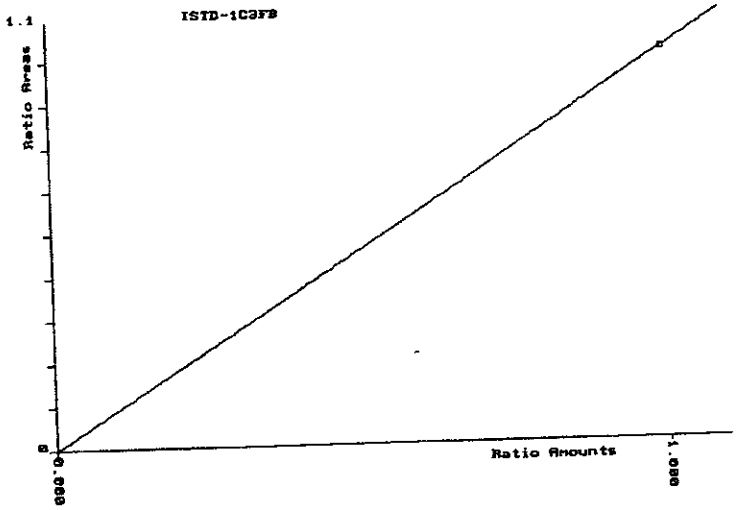
5 **TOLUENE** Ret time= 20.651 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

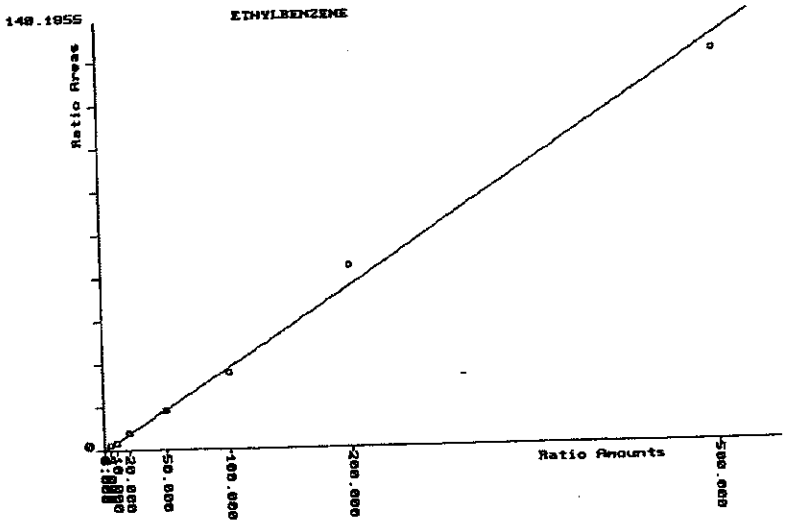
6 **ISTD-1C3FB** Ret time= 23.585 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 1
Quantitation will be by peak area.



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%

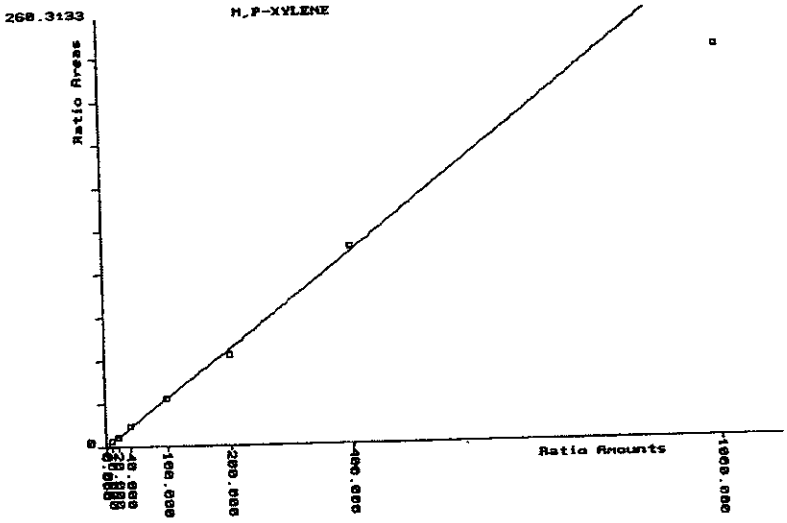
7 **ETHYLBENZENE** Ret time= 24.746 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

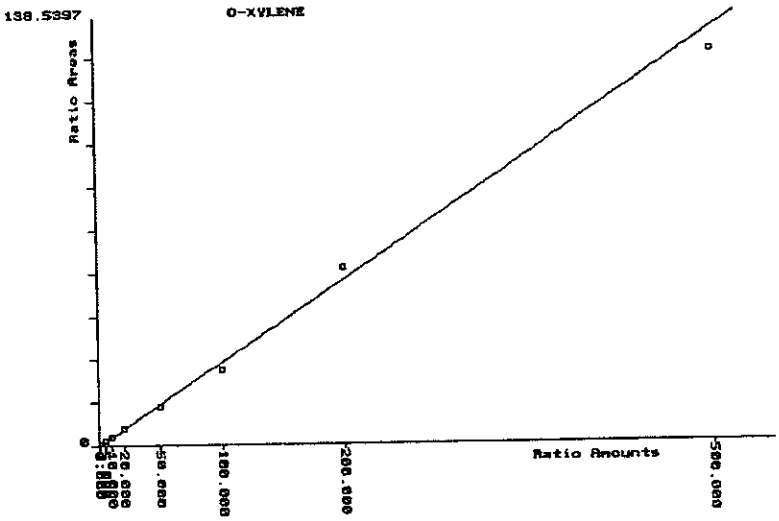
8 **M,P-XYLENE** Ret time= 24.946 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 100
Quantitation will be by peak area.



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%

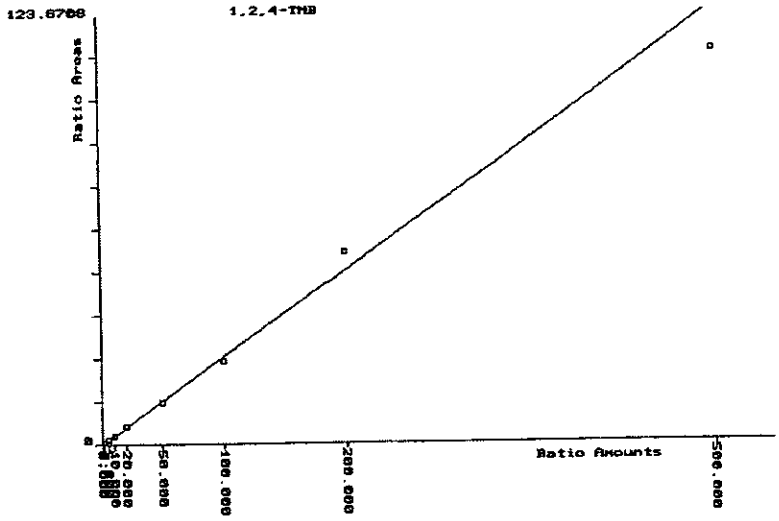
9 **O-XYLENE** Ret time= 26.012 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

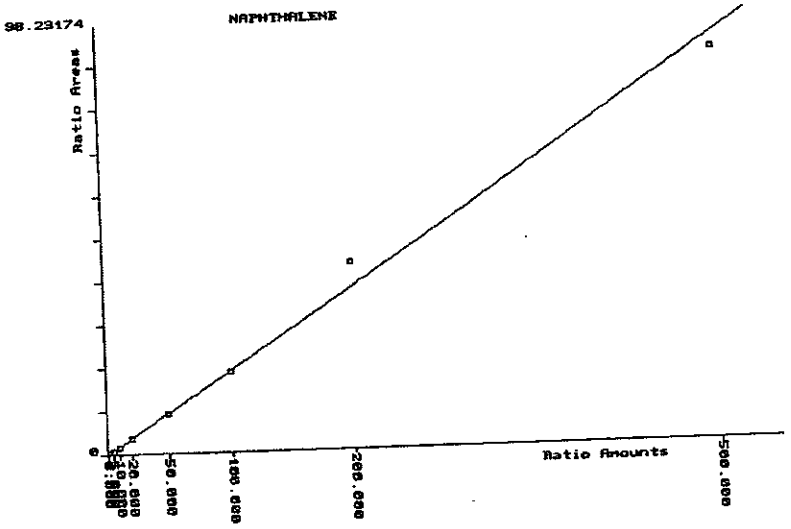
10 **1,2,4-TMB** Ret time= 28.645 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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%

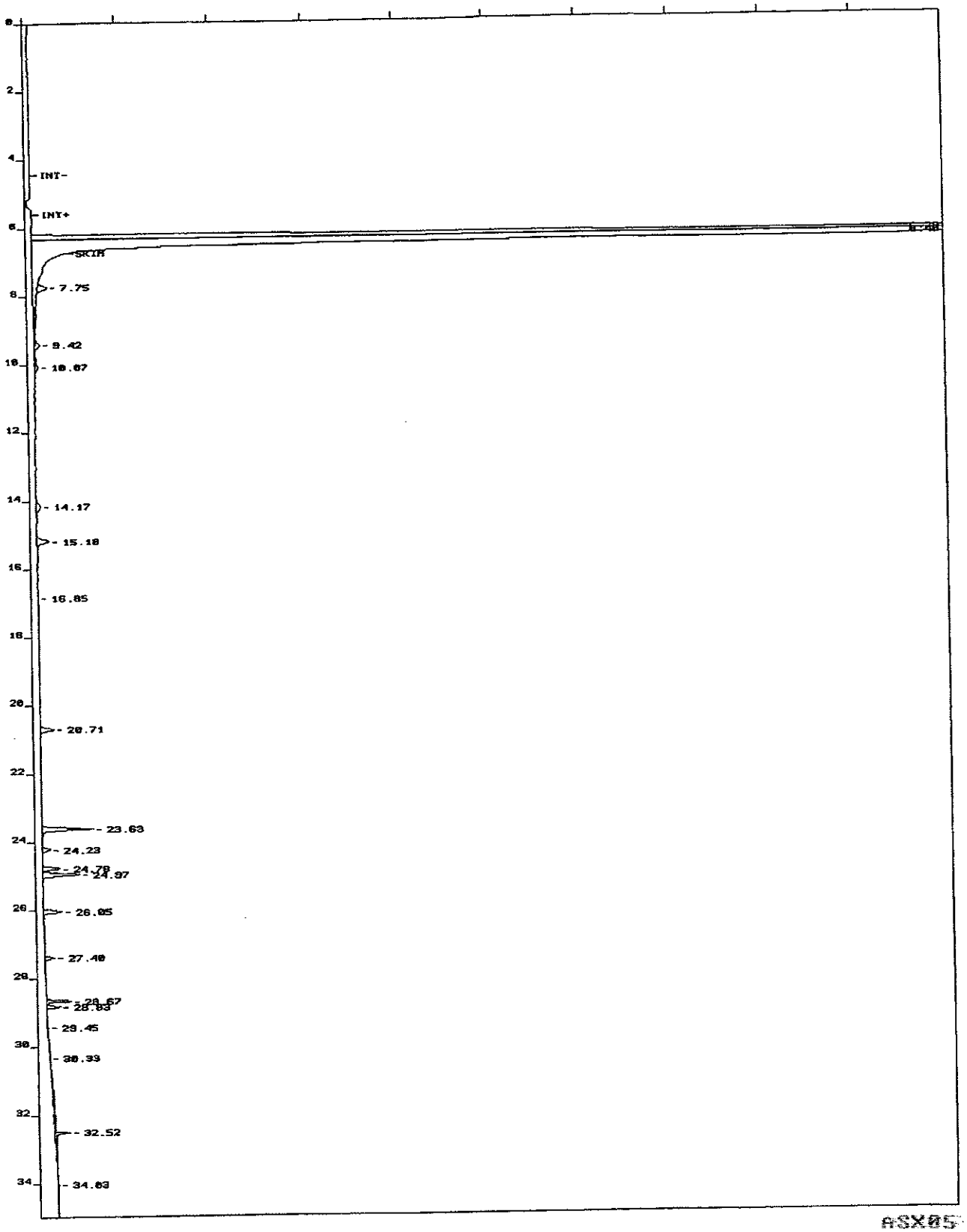
11 **NAPHTHALENE** Ret time= 32.492 min. Search window= 0.100 min.
Reference peak=ISTD-1C3FB at 23.58542 minutes
Internal standard=ISTD-1C3FB at 23.58542 minutes
High Alarm amount = 0 Low Alarm amount = 0
Component constant = 50
Quantitation will be by peak area.



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



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: [illegible] Date: 8/25/08

Verified by: [illegible] Date: 8/25/08

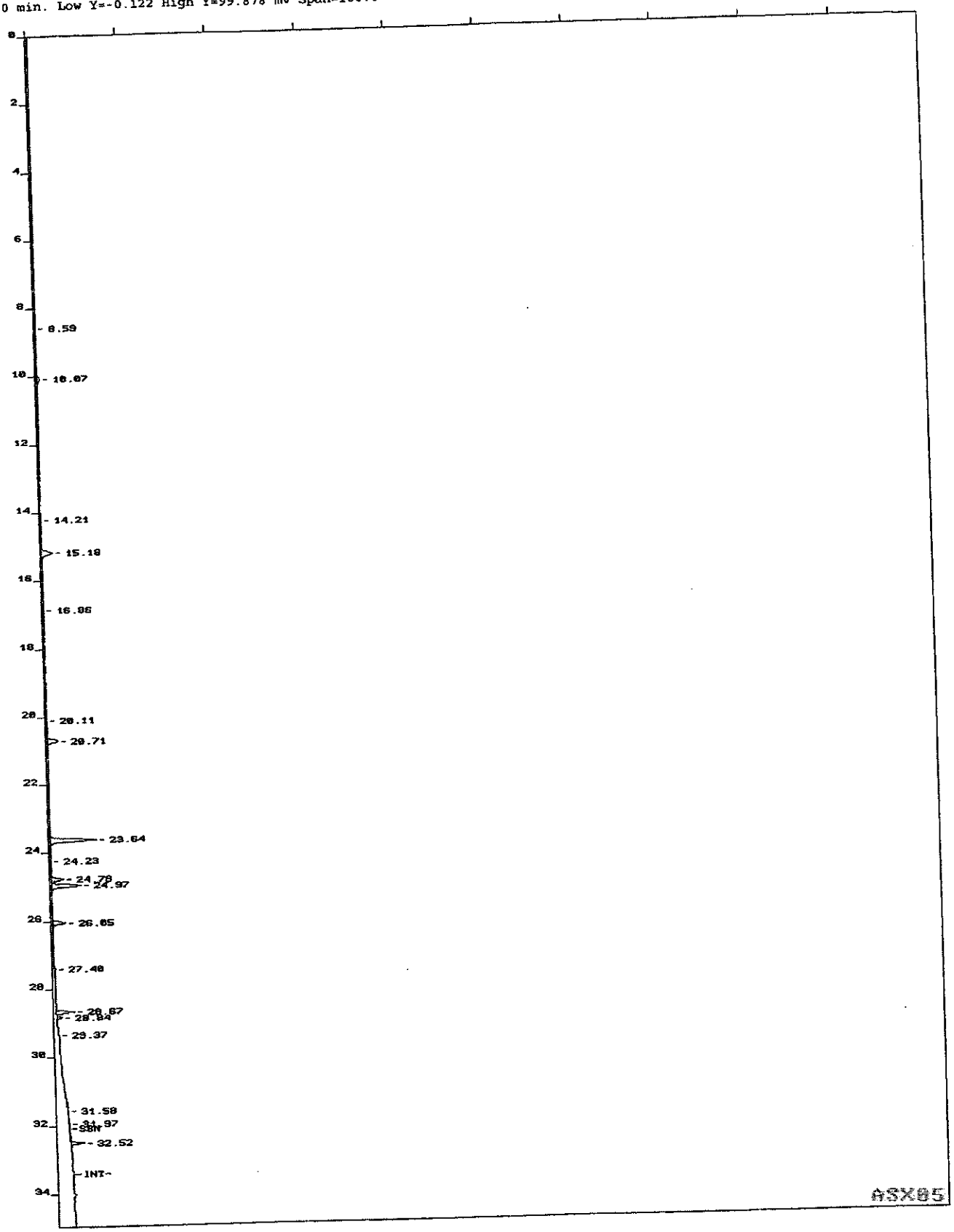
Sample Name: **CALSTD1** **08235A01**
Date Acquired: Aug 22, 2008 17:44:45

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



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	0.00%	0.000%
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%

Internal Standard Calculations From ISTDTRK v. 960910.1443

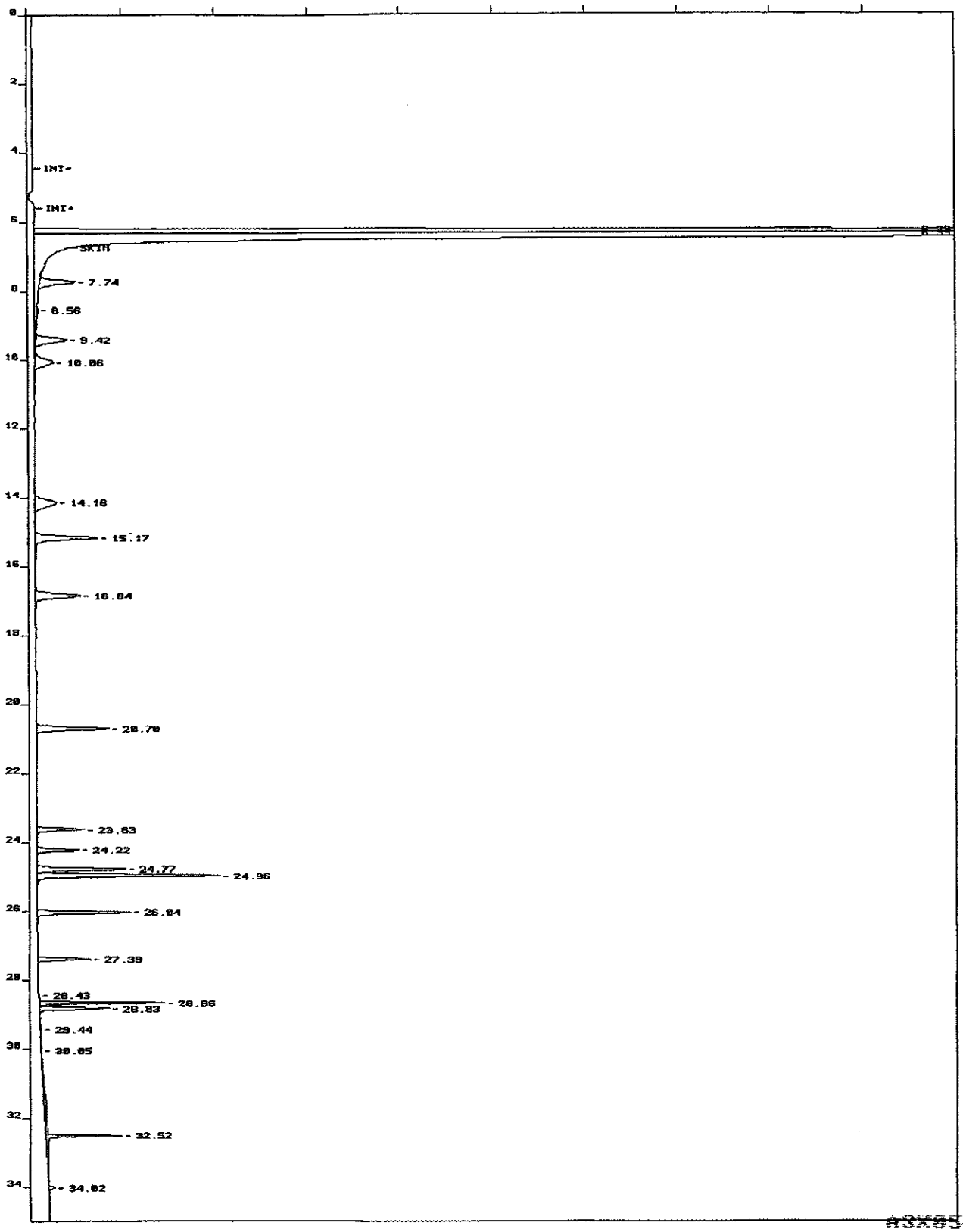
ISTD-1C3FB **360.1%**

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



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

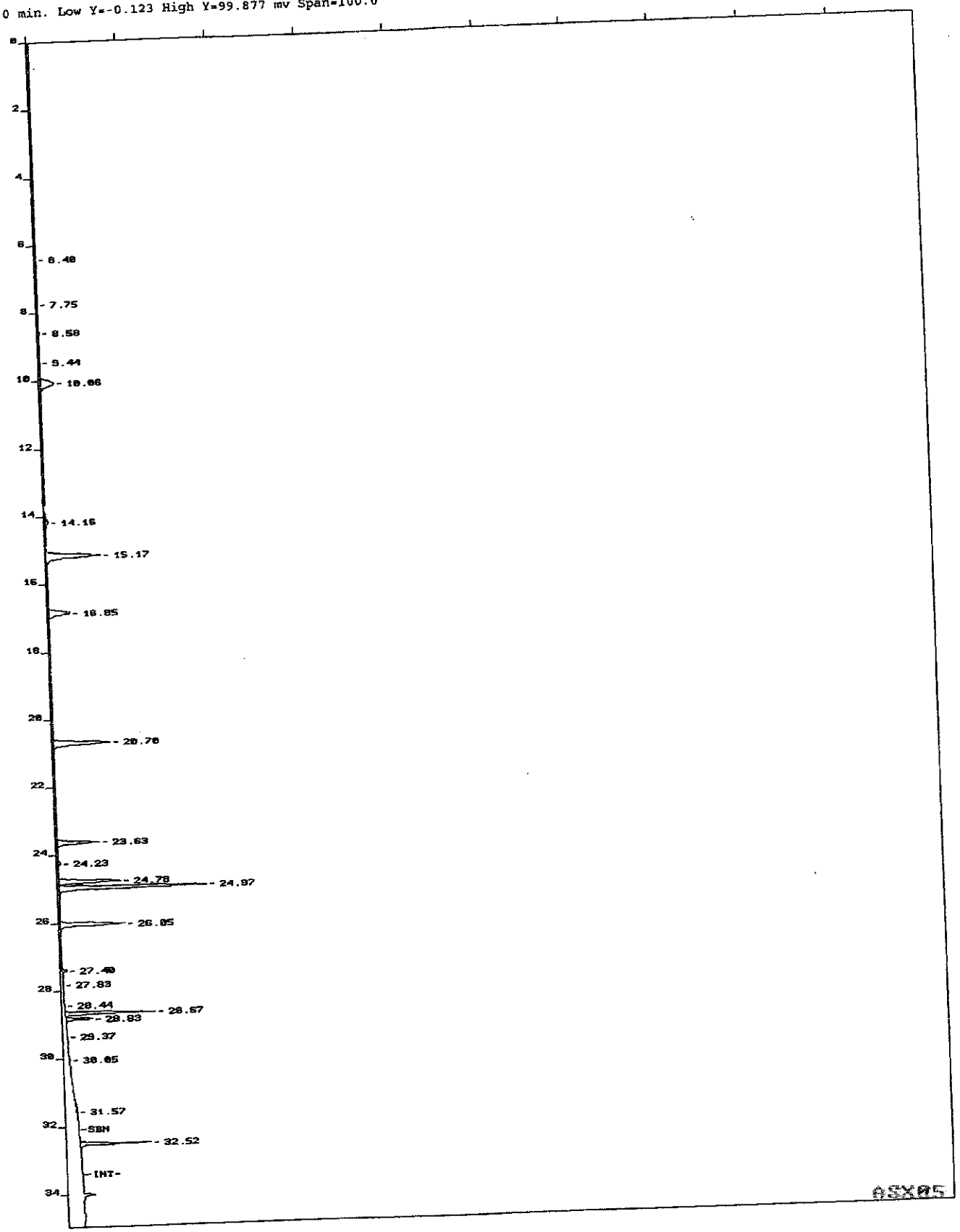
ASX05 0382

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
ample 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
Dil. Factor: 1

Date acquired: Aug 22, 2008 18:26:33
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	[illegible]	[illegible]
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%

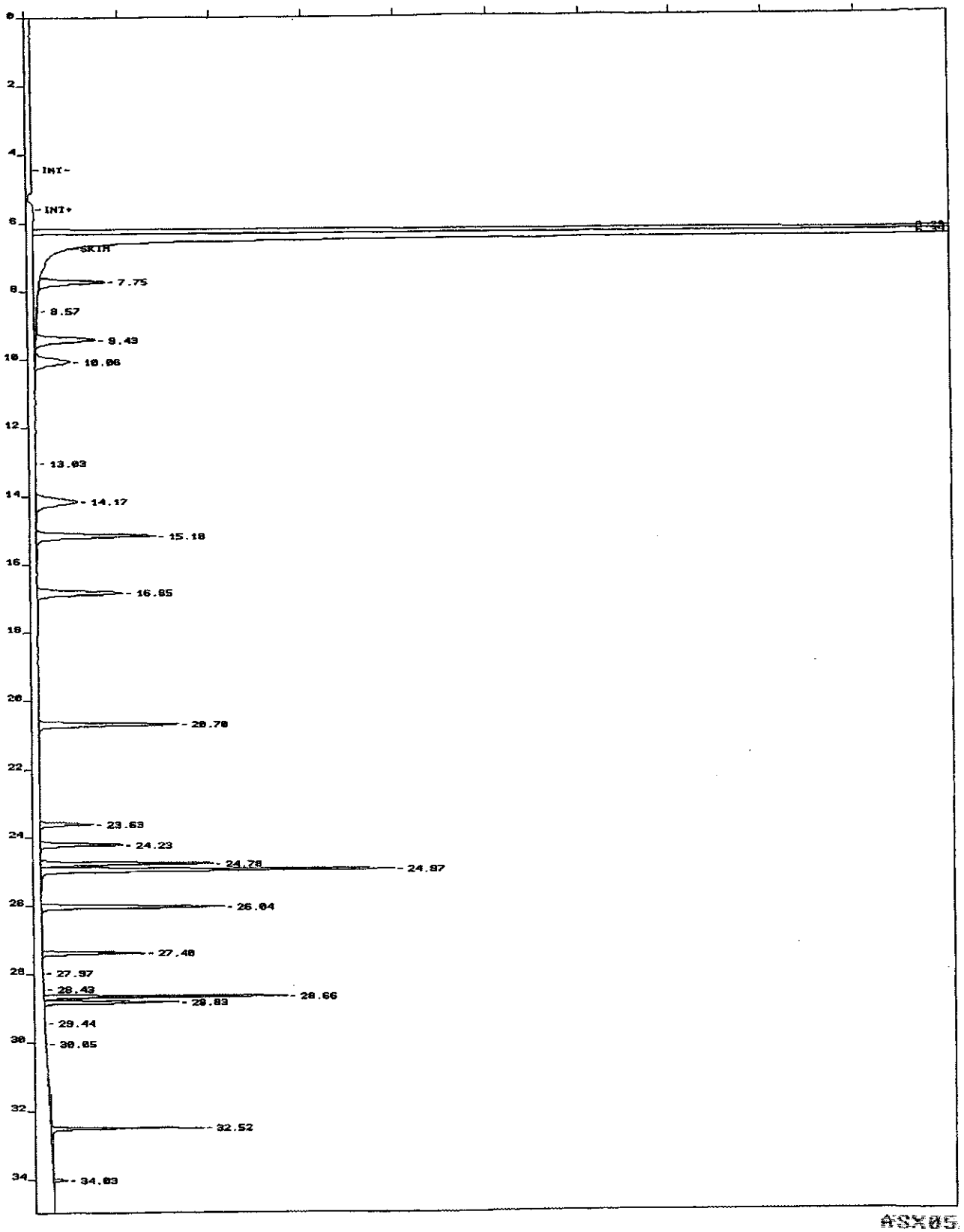
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 333.5%

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



ASX05 0368

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 [signature] Date: 8/25/08

Verified by: MISBUS Date: 8/26/08

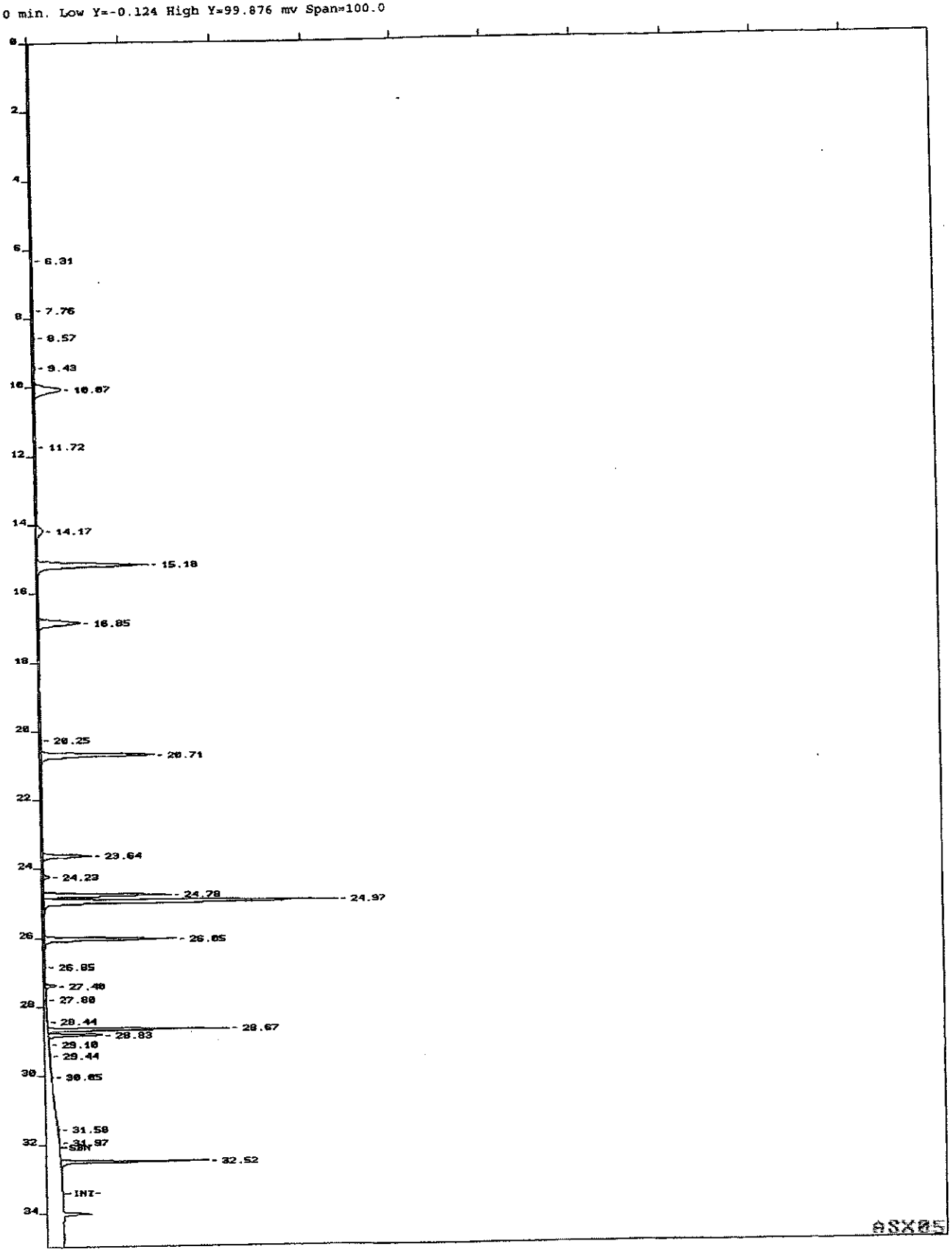
Sample Name: **CALSTD3** **08235A01**
Date Acquired: Aug 22, 2008 19:08:22

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-TPT-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									

File=C:\CP\DATA1\01235B.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



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	0.00%	0.000%
ETHYLBENZENE	71171	71416	71416	24.777	24.781	24.781	0.52	48.75%	51.934%

							0.56	47.86%	48.542%
P-XYLENE	163581	165847	165847	24.968	24.971	24.971	0.51	45.88%	47.200%
XYLENE	71283	71829	71829	26.045	26.048	26.048	0.48	48.50%	50.809%
2,4-TMB	67869	68601	68601	28.667	28.668	28.668	0.37	50.39%	54.620%
APHTHALENE	47944	48681	48681	32.518	32.519	32.519			

Internal Standard Calculations From ISTDTRK v. 960910.1443

ISTD-1C3FB **366.8%**

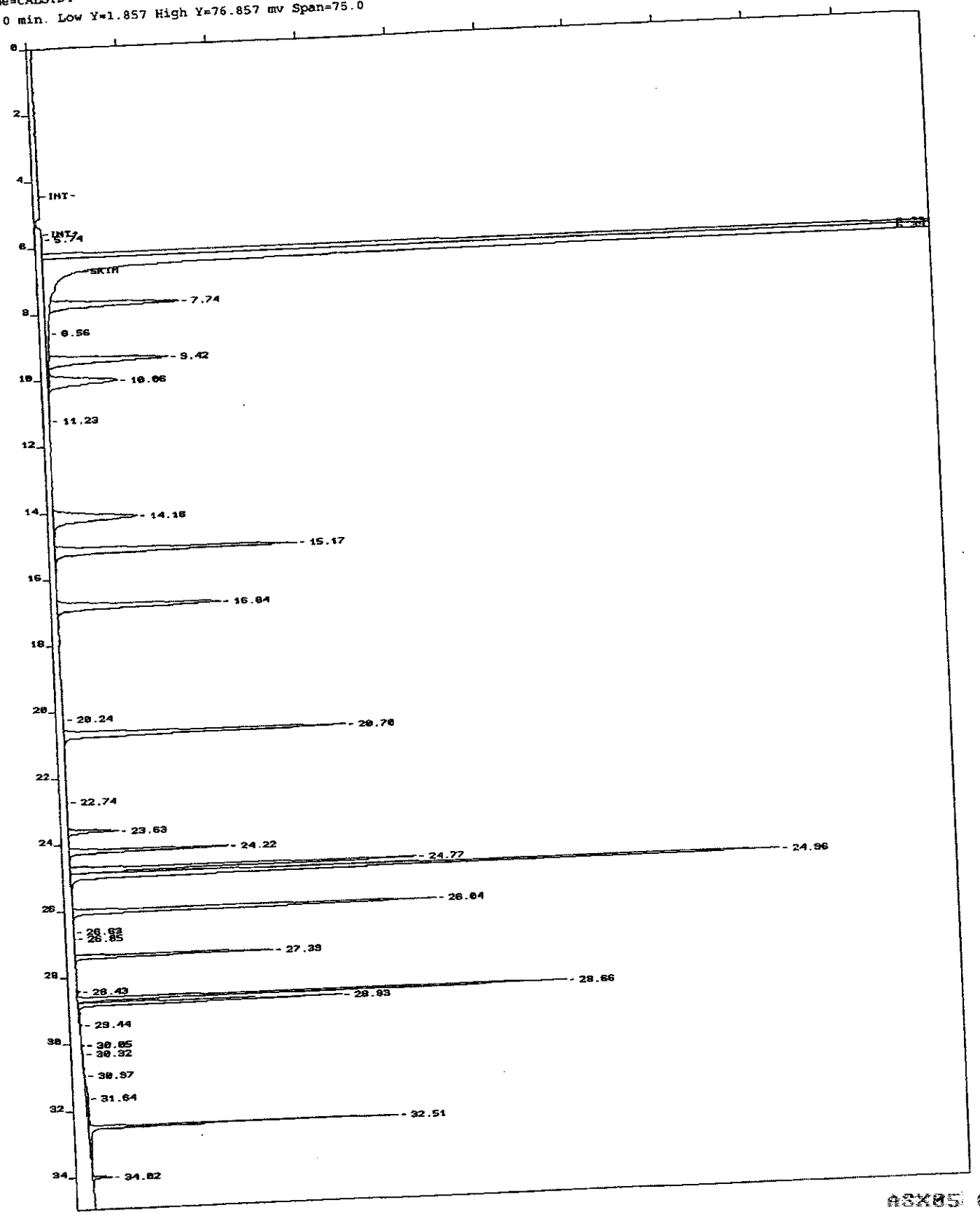
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KG Date: 8/25/08

Verified by: MISNR Date: 8/26/08

ASX05 0394

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



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

Reviewed by: KG KW Date: 8/25/08

Verified by: [illegible] Date: 8/28/08

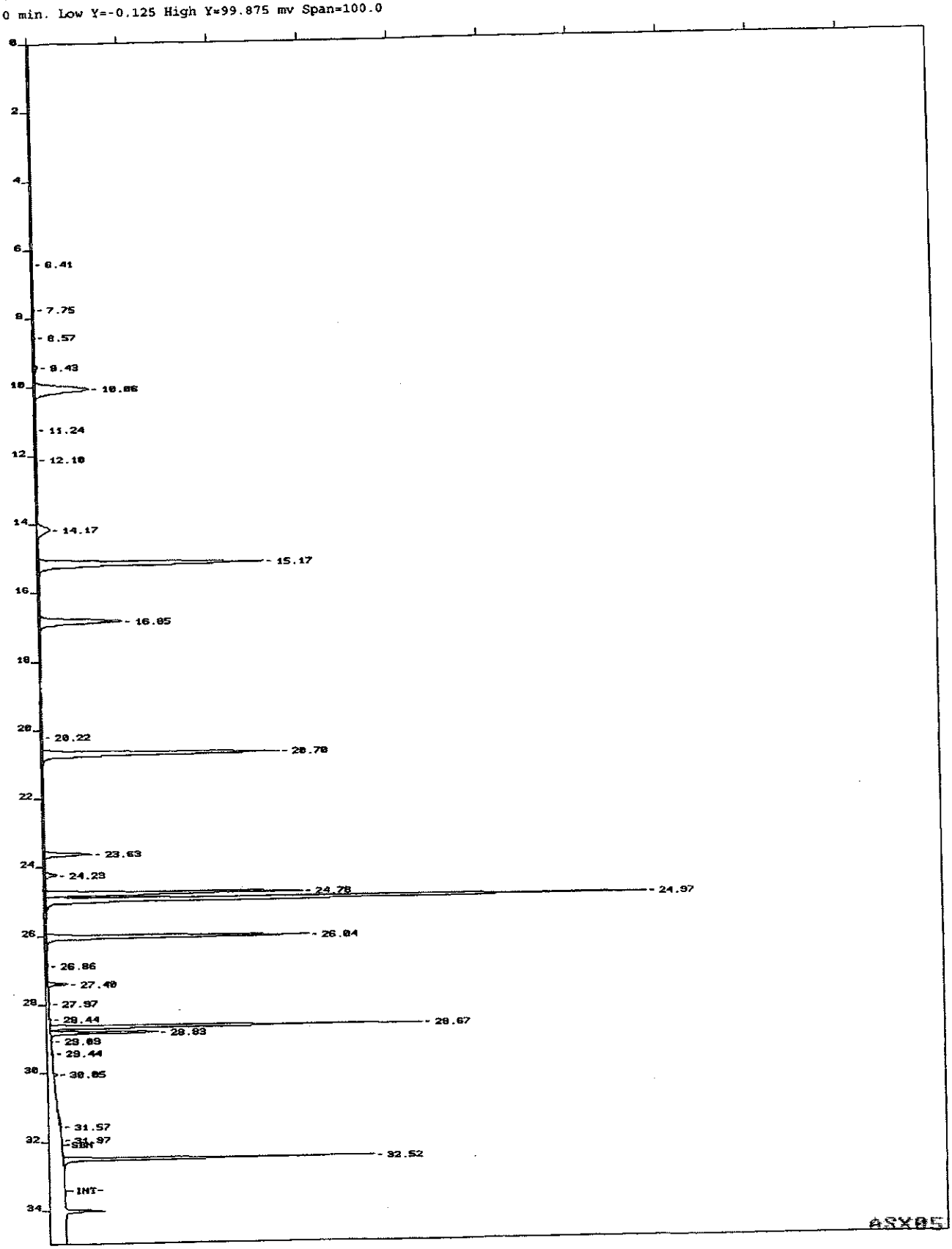
Sample Name: **CALSTD4** **08235A01**
Date Acquired: Aug 22, 2008 19:50:14

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



ASX05 0399

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	[illegible]	[illegible]
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%**

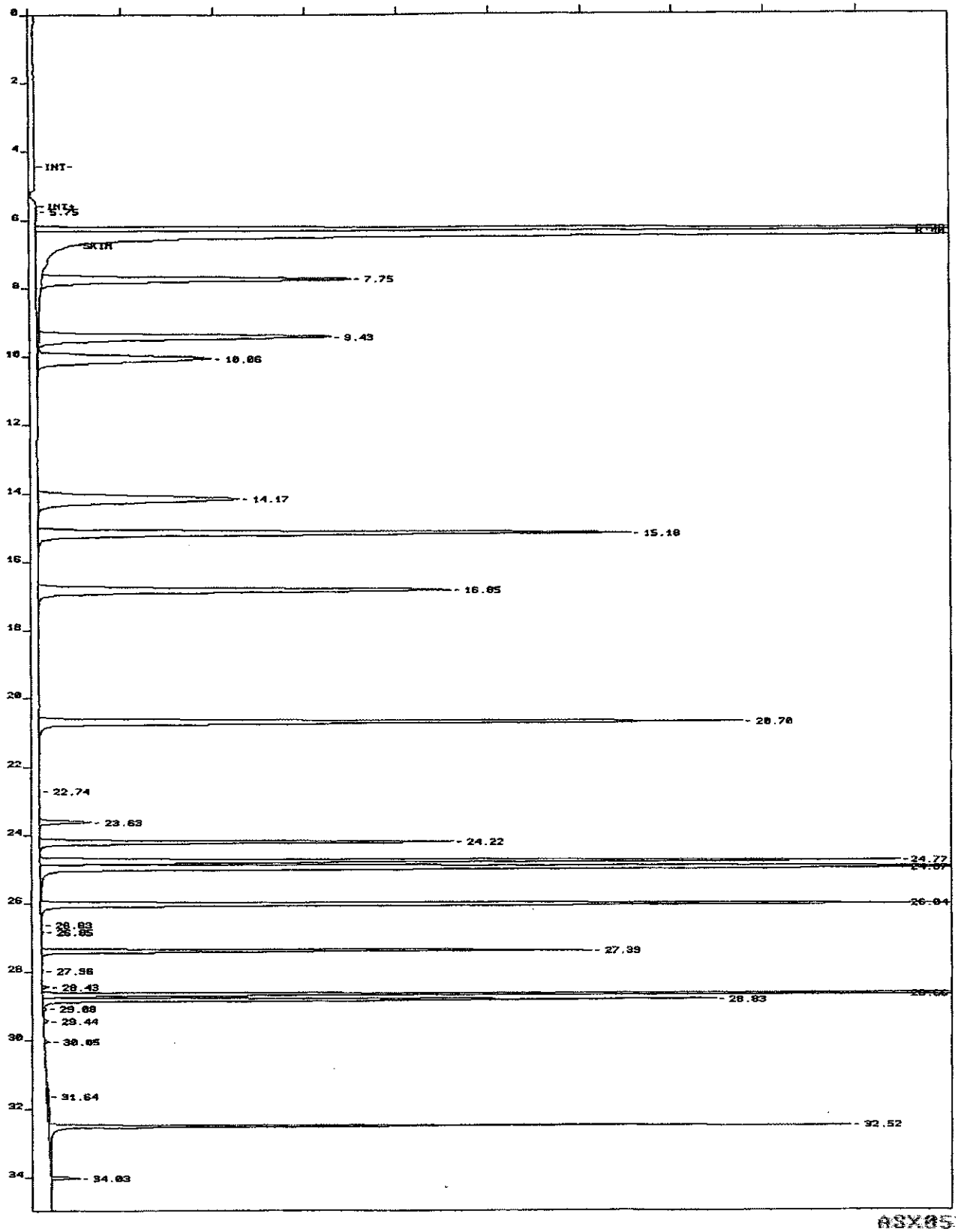
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KW KW Date: 8/25/08

Verified by: MCSW8 Date: 8/25/08

ASX05 0402

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



ASX05 0483

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

ASX05 0484

Verified by: MLSMS Date: 8/25/08

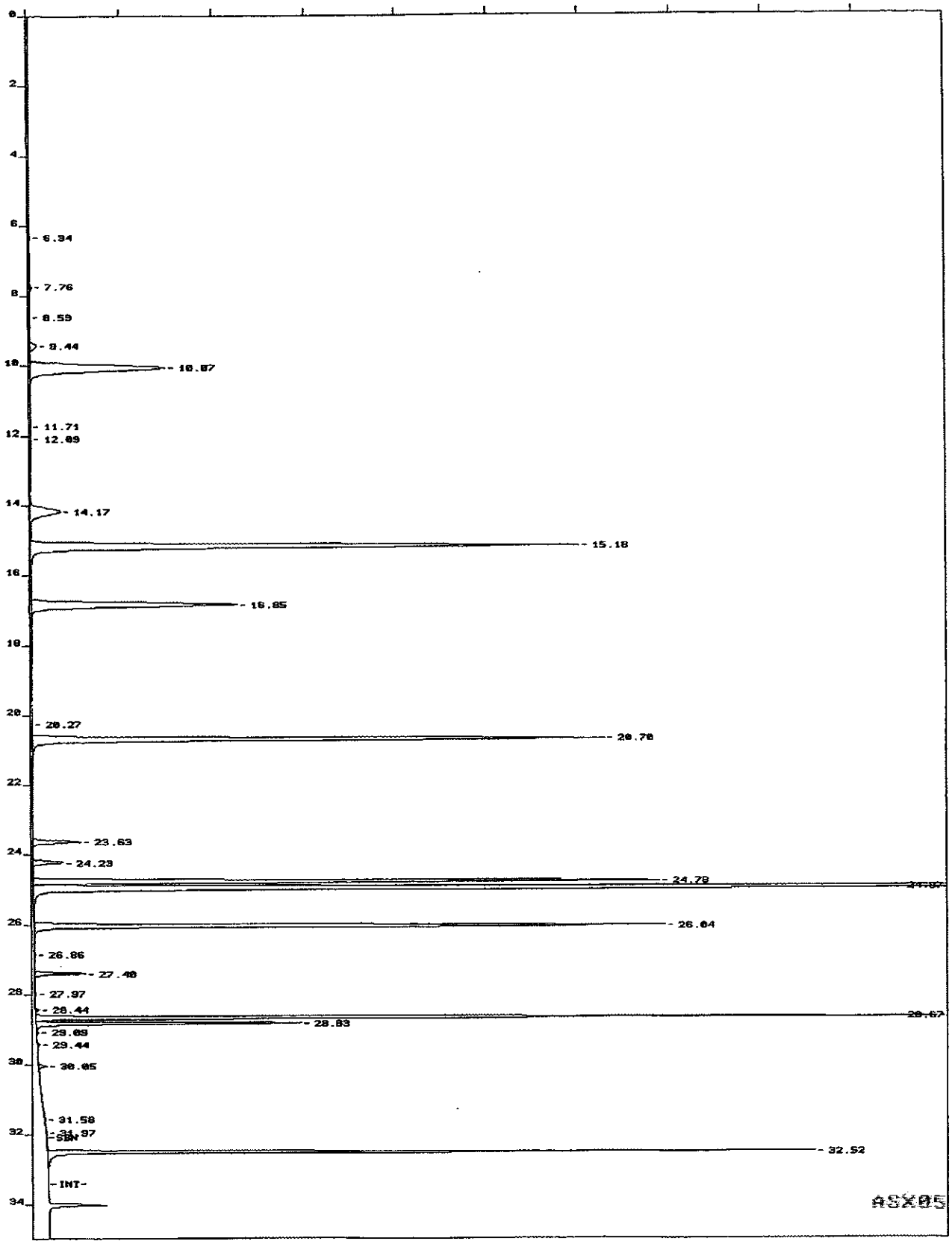
Sample Name: **CALSTD5** **08235A01**
Date Acquired: Aug 22, 2008 20:32:05

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



ASX05 0407

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	56.51%	50.202%
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%

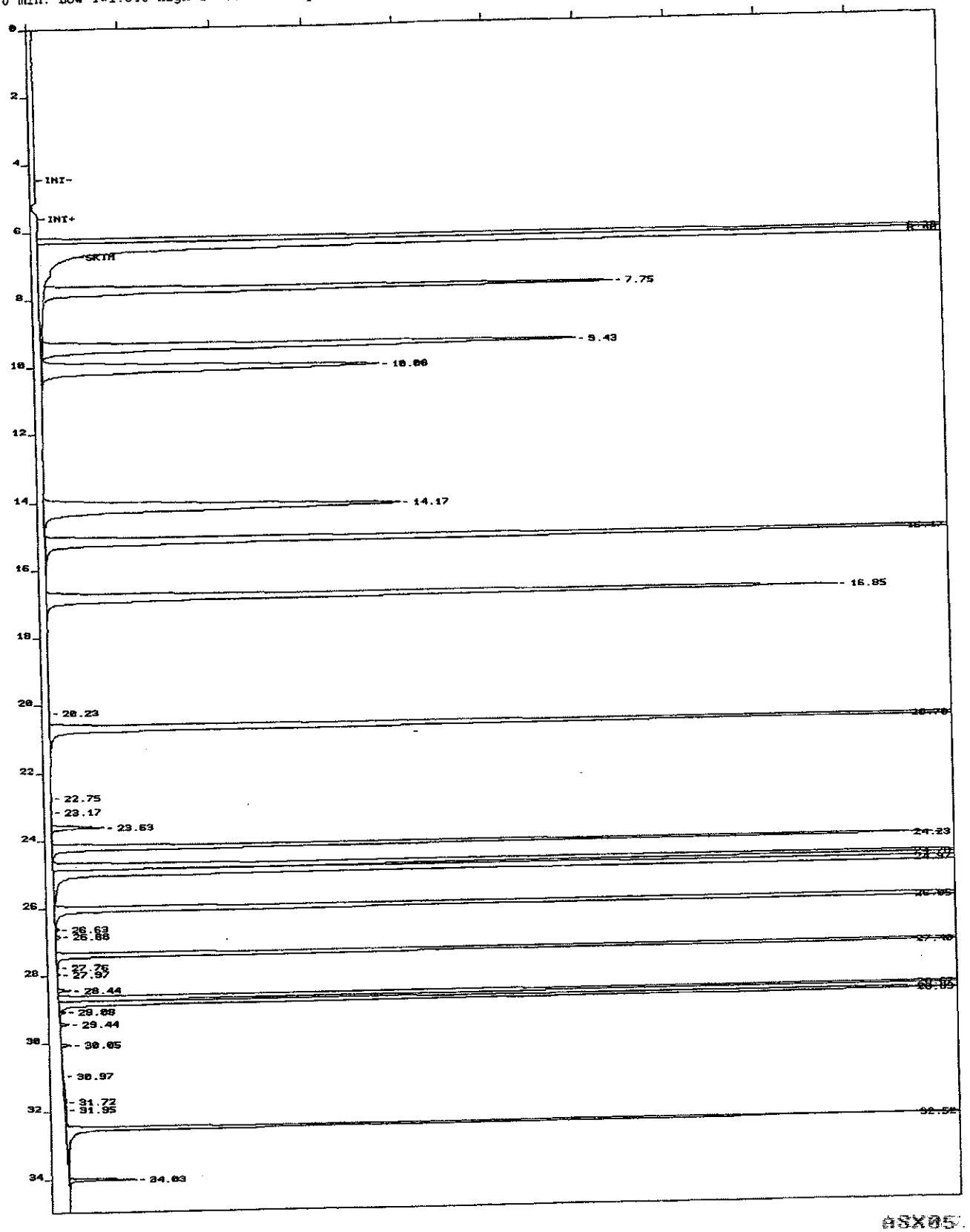
Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: [illegible] Date: 8/25/05

Verified by: [illegible] Date: 8/25/08

ASX05 0410

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



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

aSX85 0412

Reviewed by: KS KW Date: 8/25/08

Verified by: MISNIS Date: 8/25/08

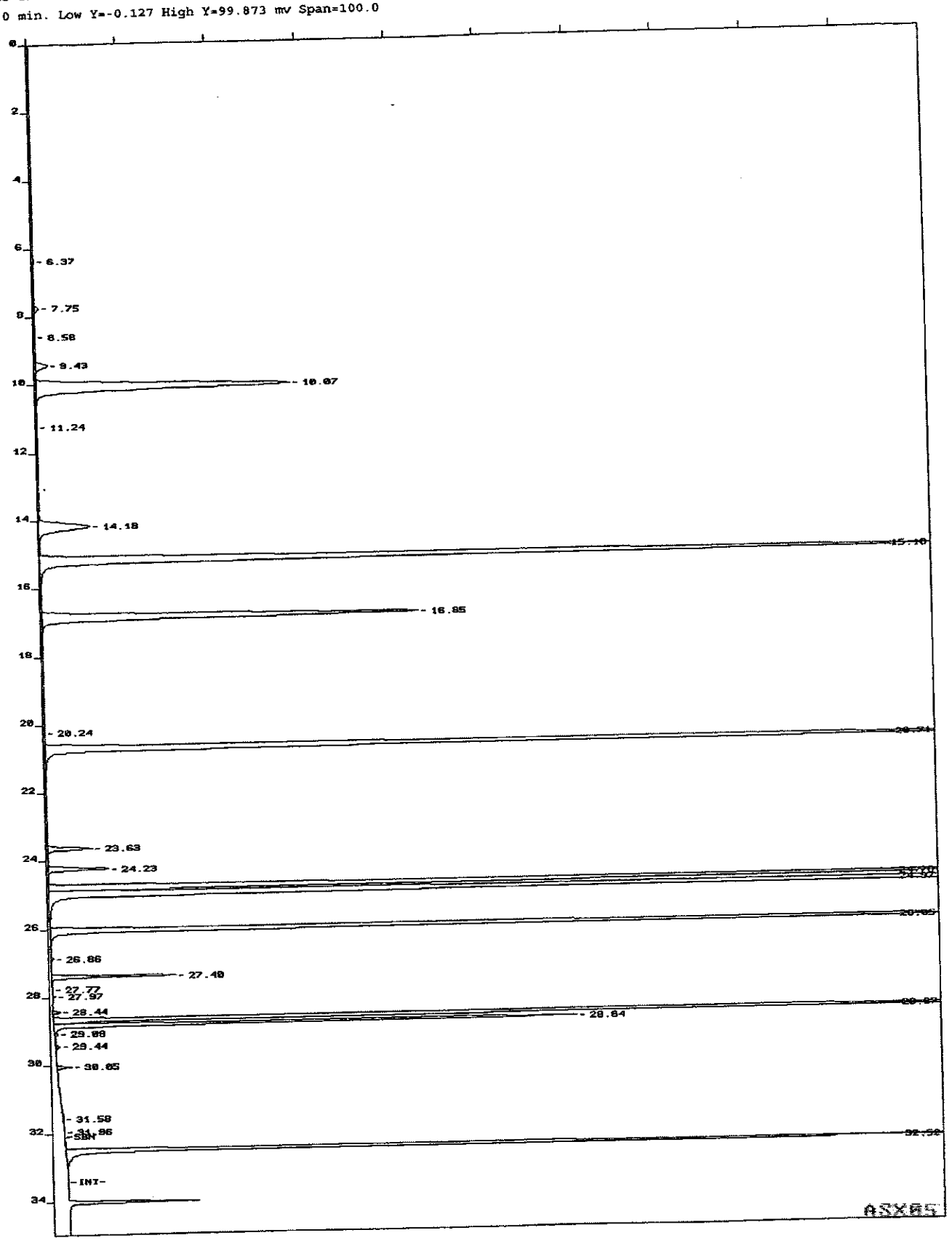
Sample Name: **CALSTD6** **08235A01**
Date Acquired: Aug 22, 2008 21:55:47

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



ASX85 0415

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%

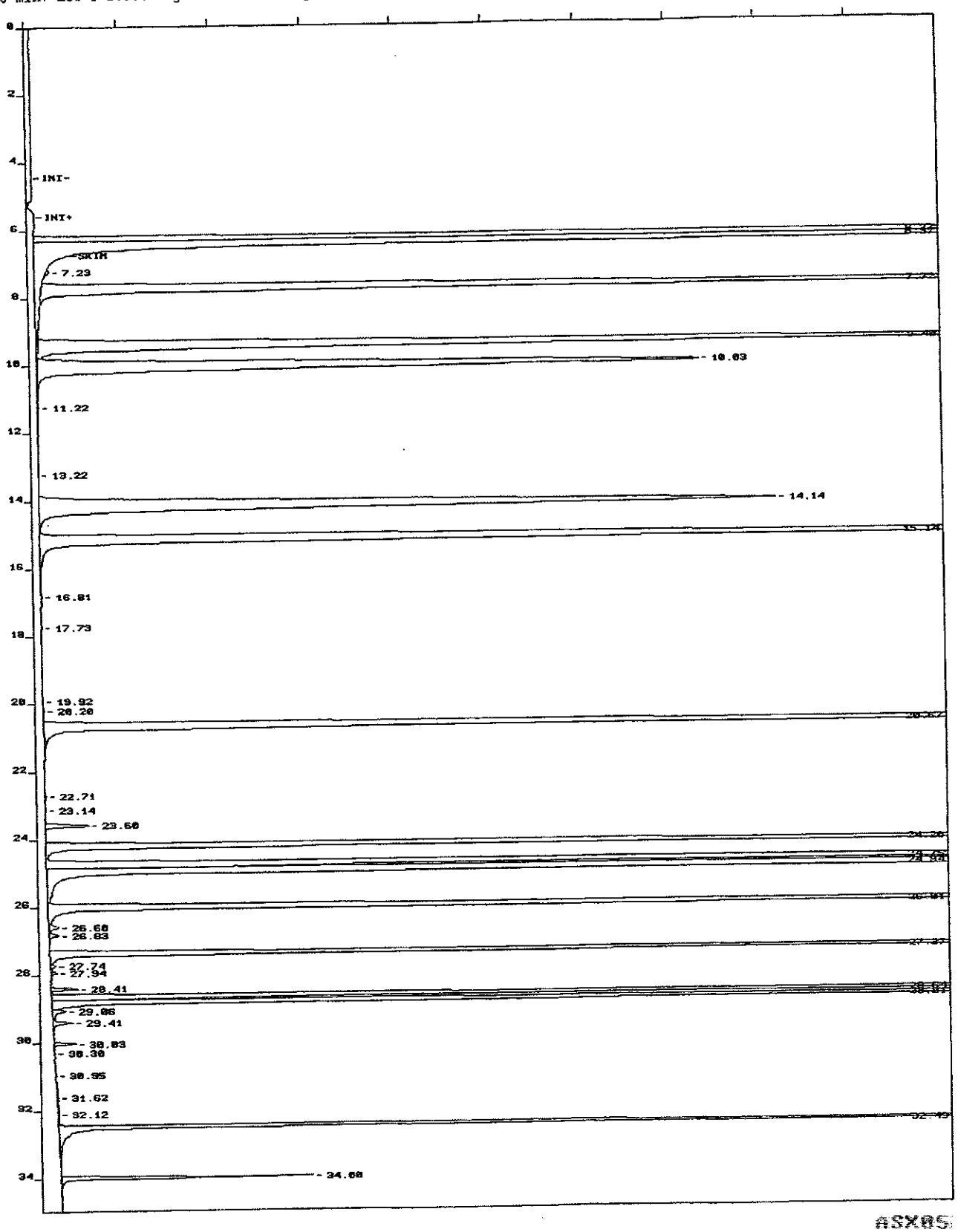
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB **344.8%**

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

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



ASX85 0419

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

ASX05 0420

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: _____

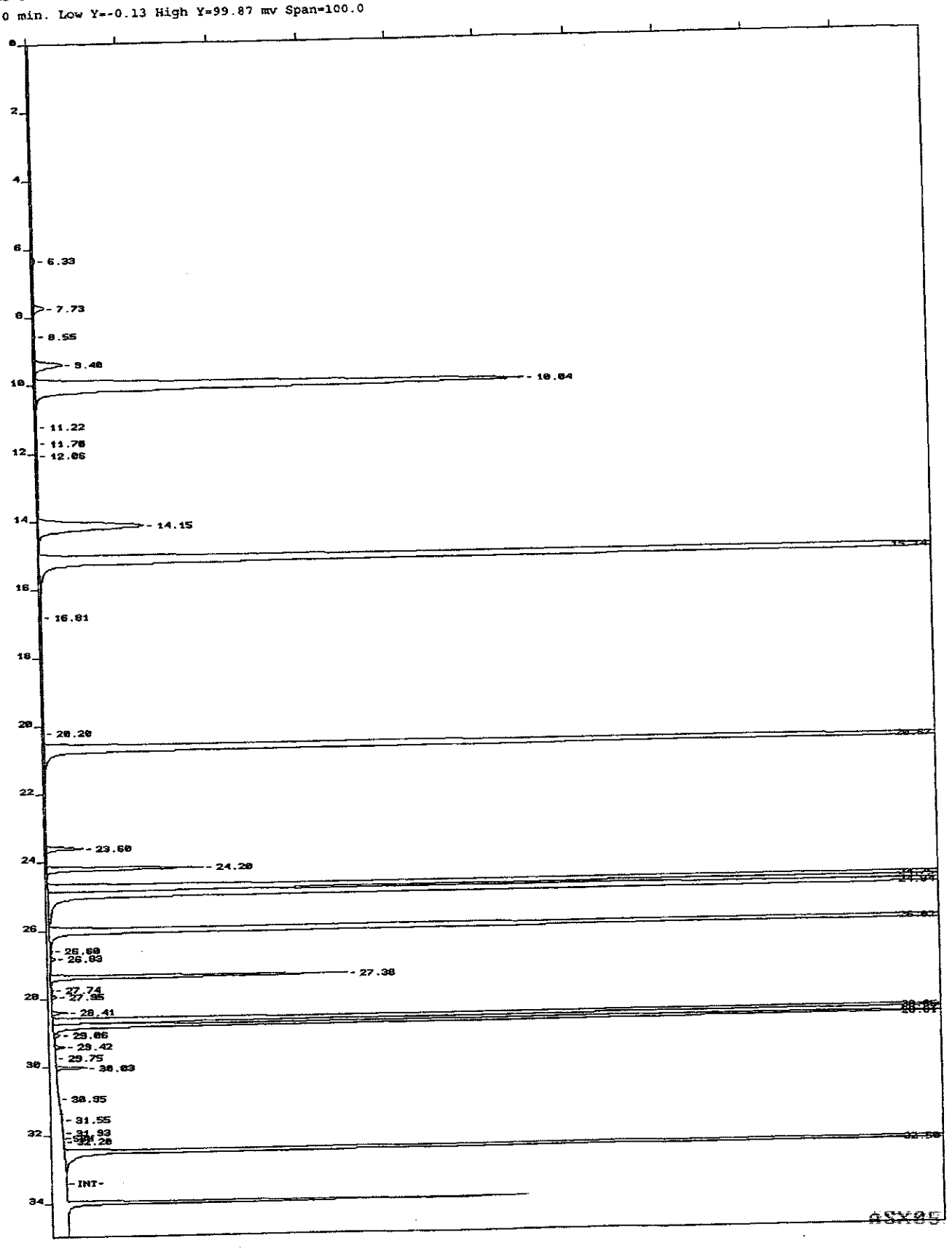
Sample Name: **CALSTD7** 08235A01
Date Acquired: Aug 22, 2008 23:19:28

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



ASV05 0423

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	0.00%	0.000%
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

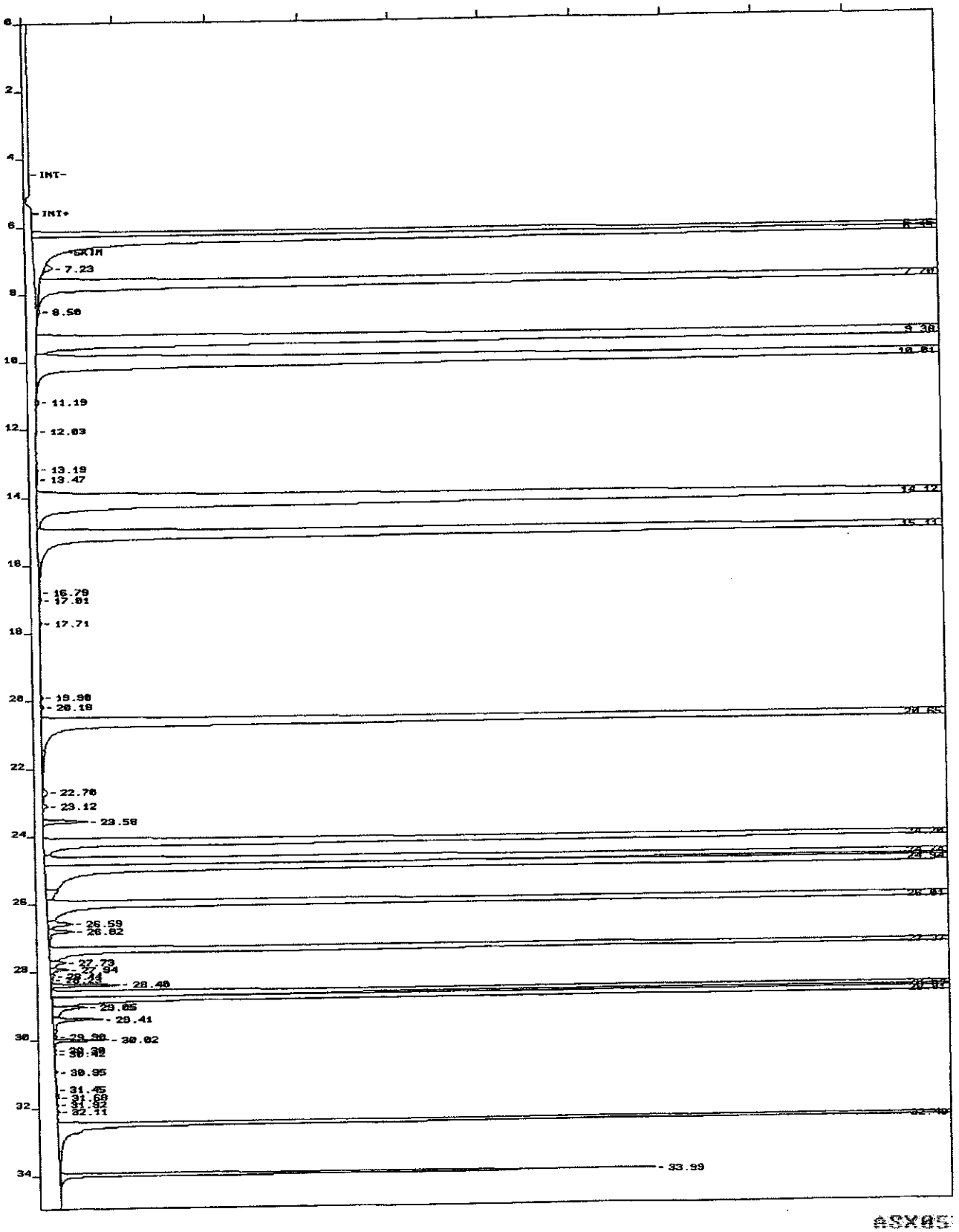
ISTD-1C3FB **282.9%**

Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KS Date: 8/25/08

Verified by: MLSM Date: 8/25/08

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



ASX05 0427

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

05 0420

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: KTS #KW Date: 8/25/08

Verified by: MCSMU8 Date: 8/25/08

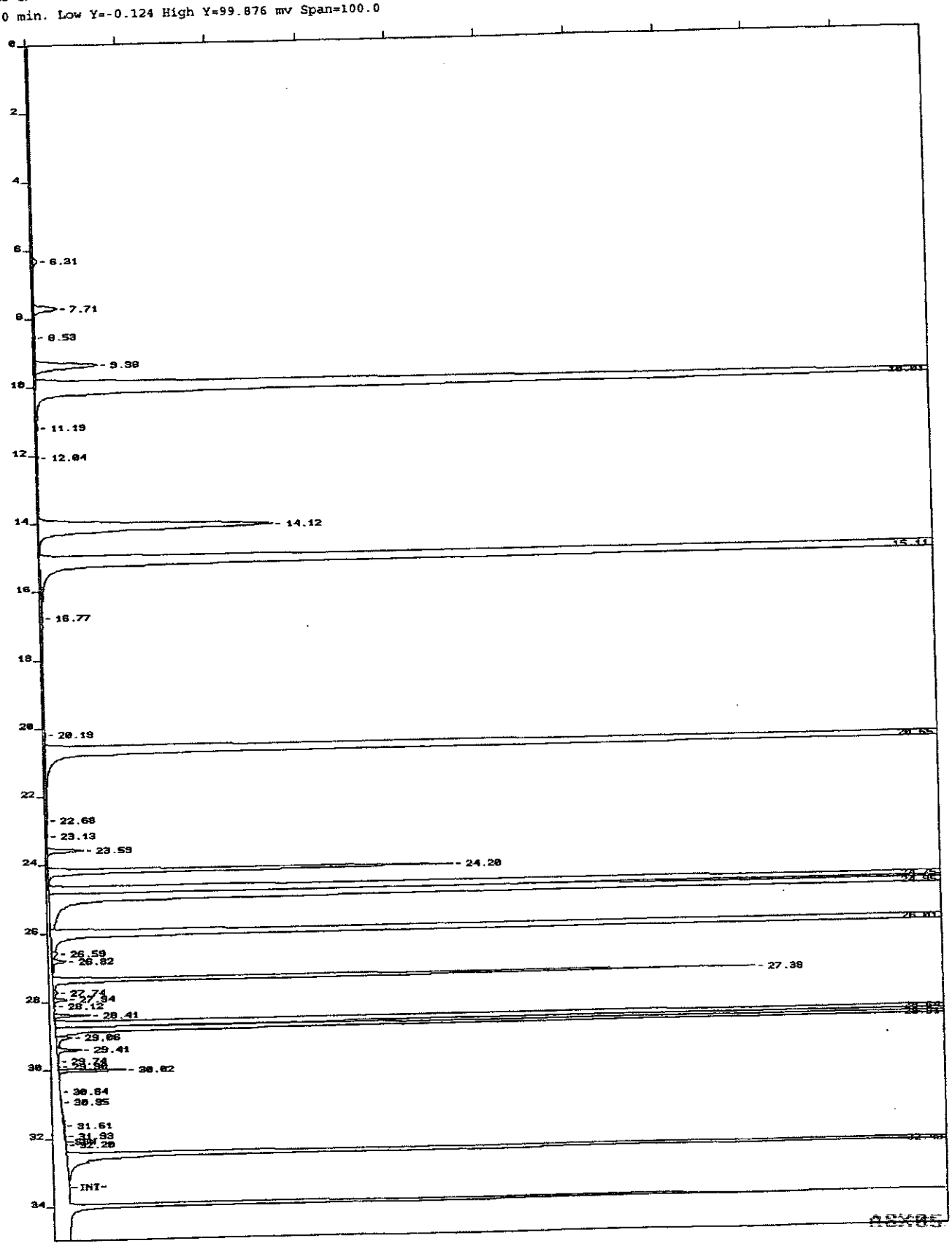
Sample Name: **CALSTD8** **08235A01**
Date Acquired: Aug 23, 2008 01:24:43

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



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	[illegible]	[illegible]

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

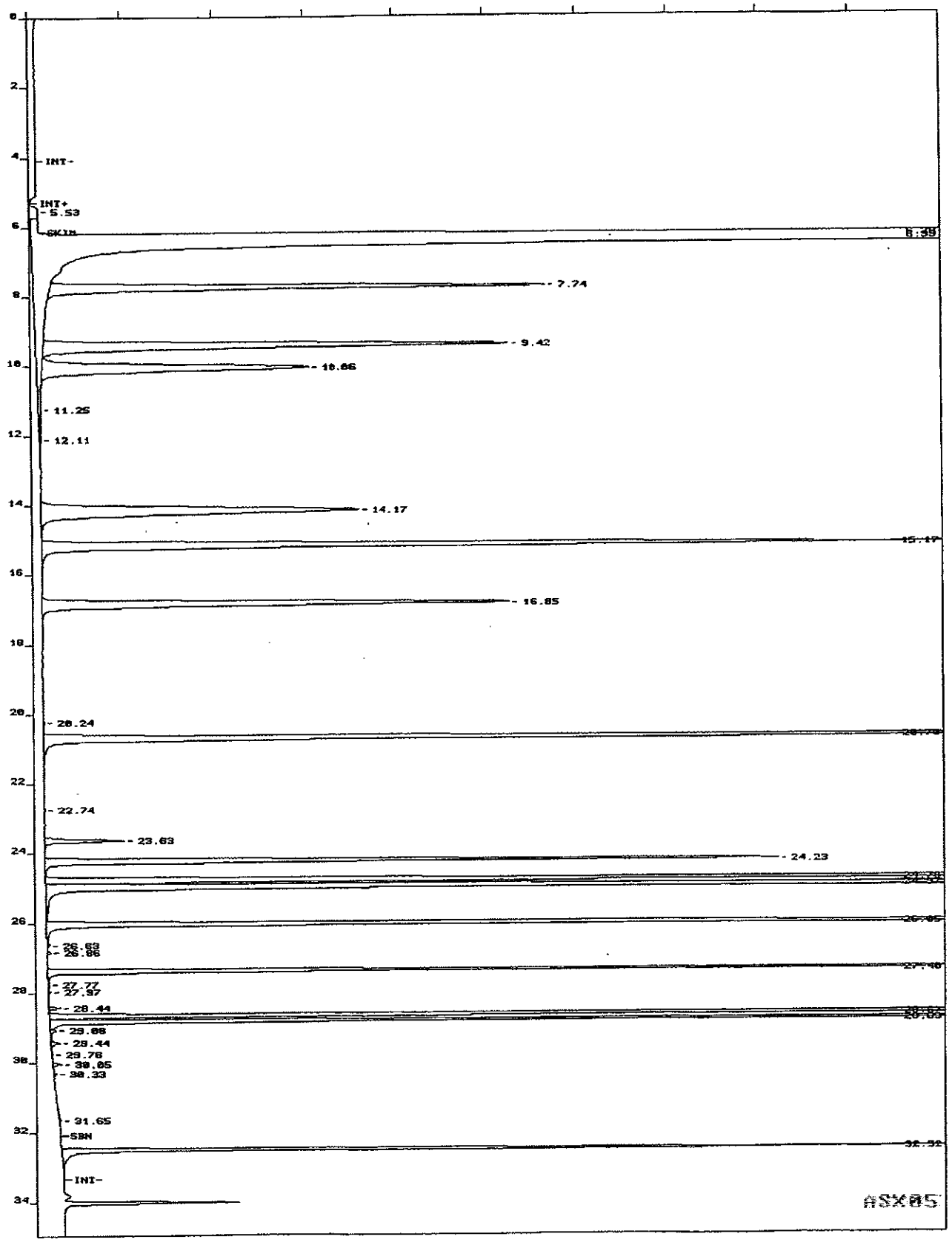
ISTD-1C3FB **278.9%**

Check standard used in calculating percentage: C:\CP\DATA1\01233B.22A

Entered by: KMO #40 Date: 8/25/08

Verified by: MCSNUS 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



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\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

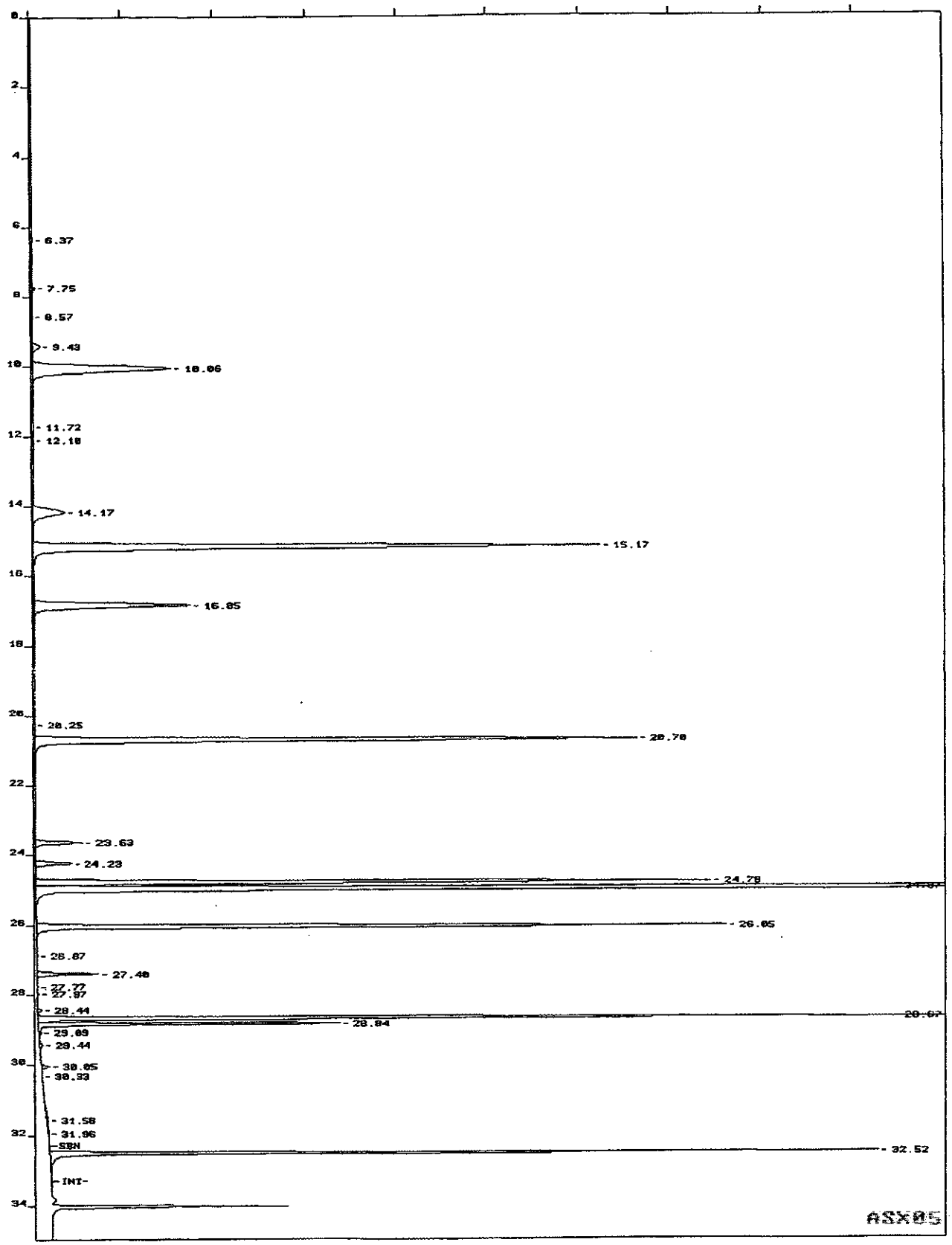
Reviewed by: _____ Date: 8/25/08

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



ASX05 0439

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 Date: 8/25/08

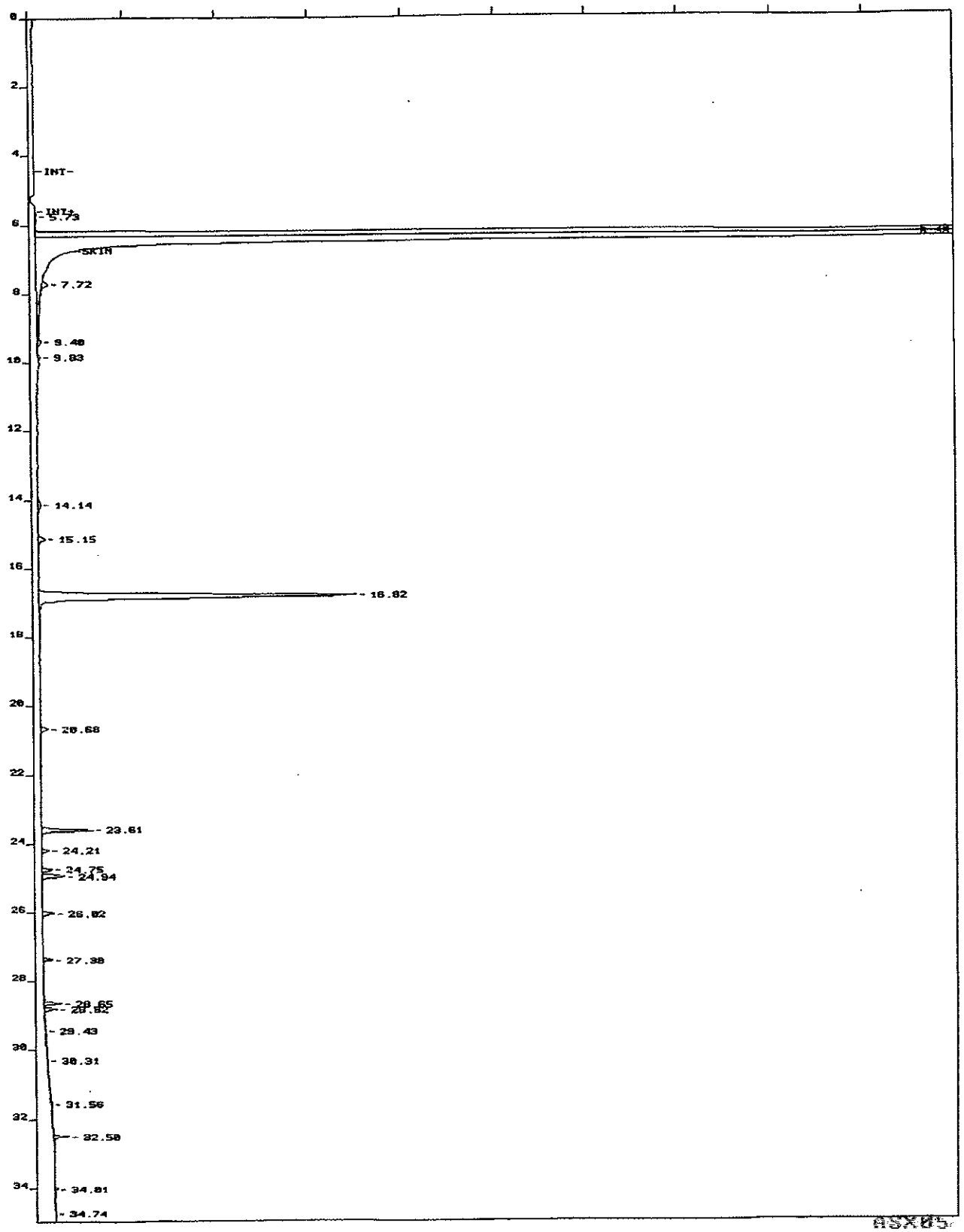
Verified by: [signature] Date: 8/25/08

ASX85 8439

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



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%

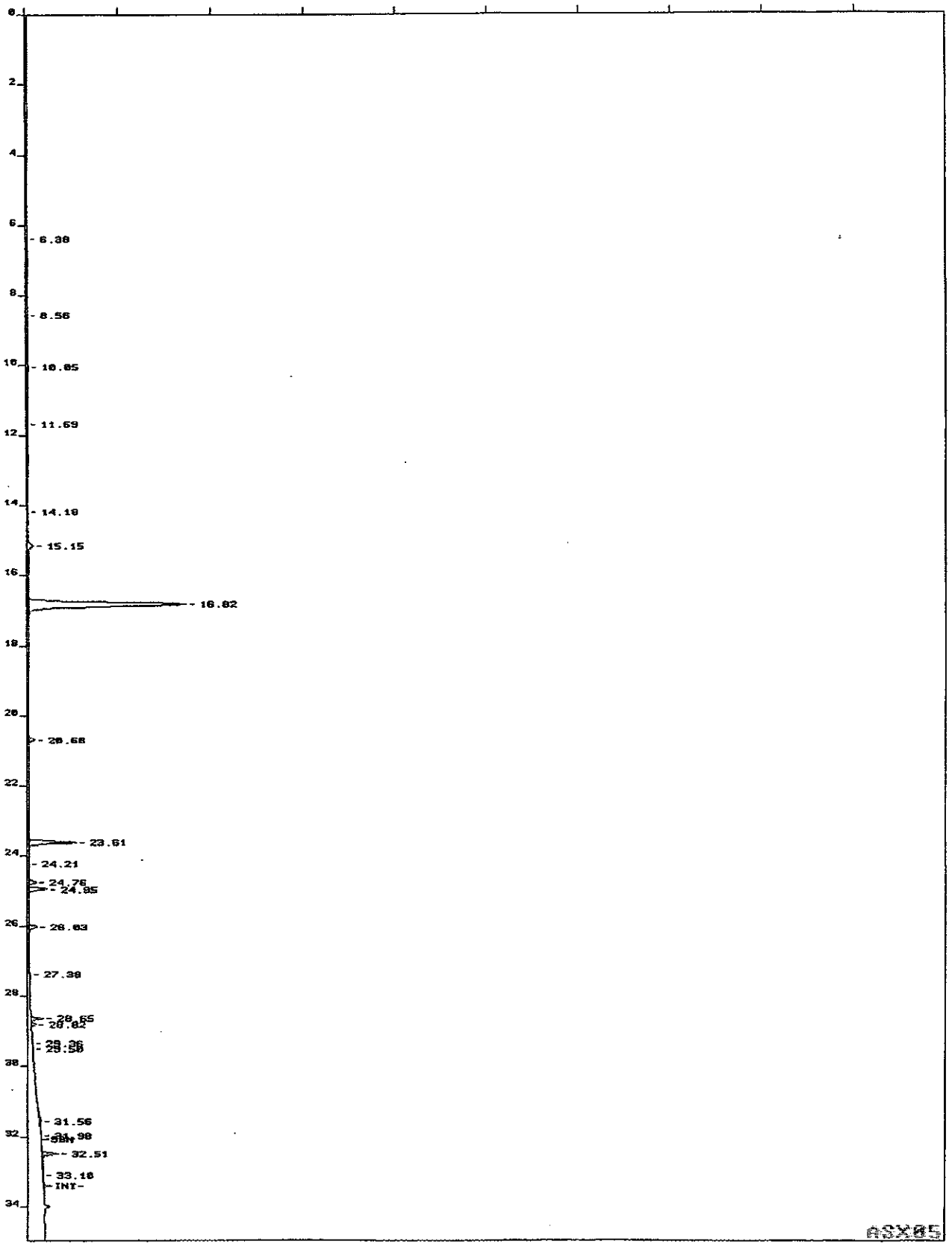
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MAFID.FMT

Reviewed by: _____ Date: 8/25/08

Verified by: _____ Date: _____

Sample Name: **DLS0101** **08235A01**
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

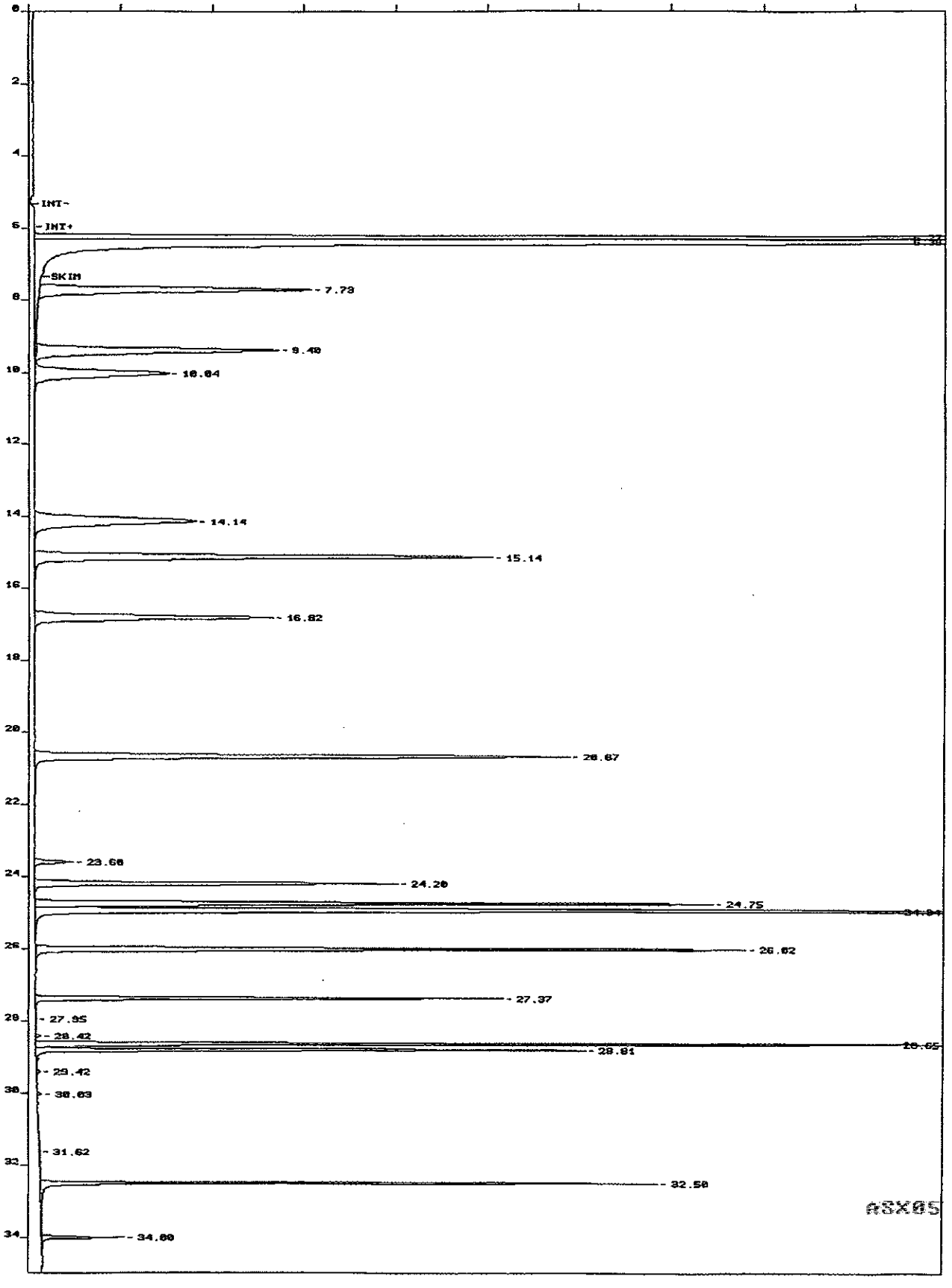
Internal Standard Calculations From ISTDTRK v. 960910.1443
ISTD-1C3FB 97.8%

Check standard used in calculating percentage: C:\CP\DATA1\01235B.22A

Entered by: KS rm Date: 8/25/08

Verified by: MCS MV Date: 8/25/08

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



03X05 0445

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)

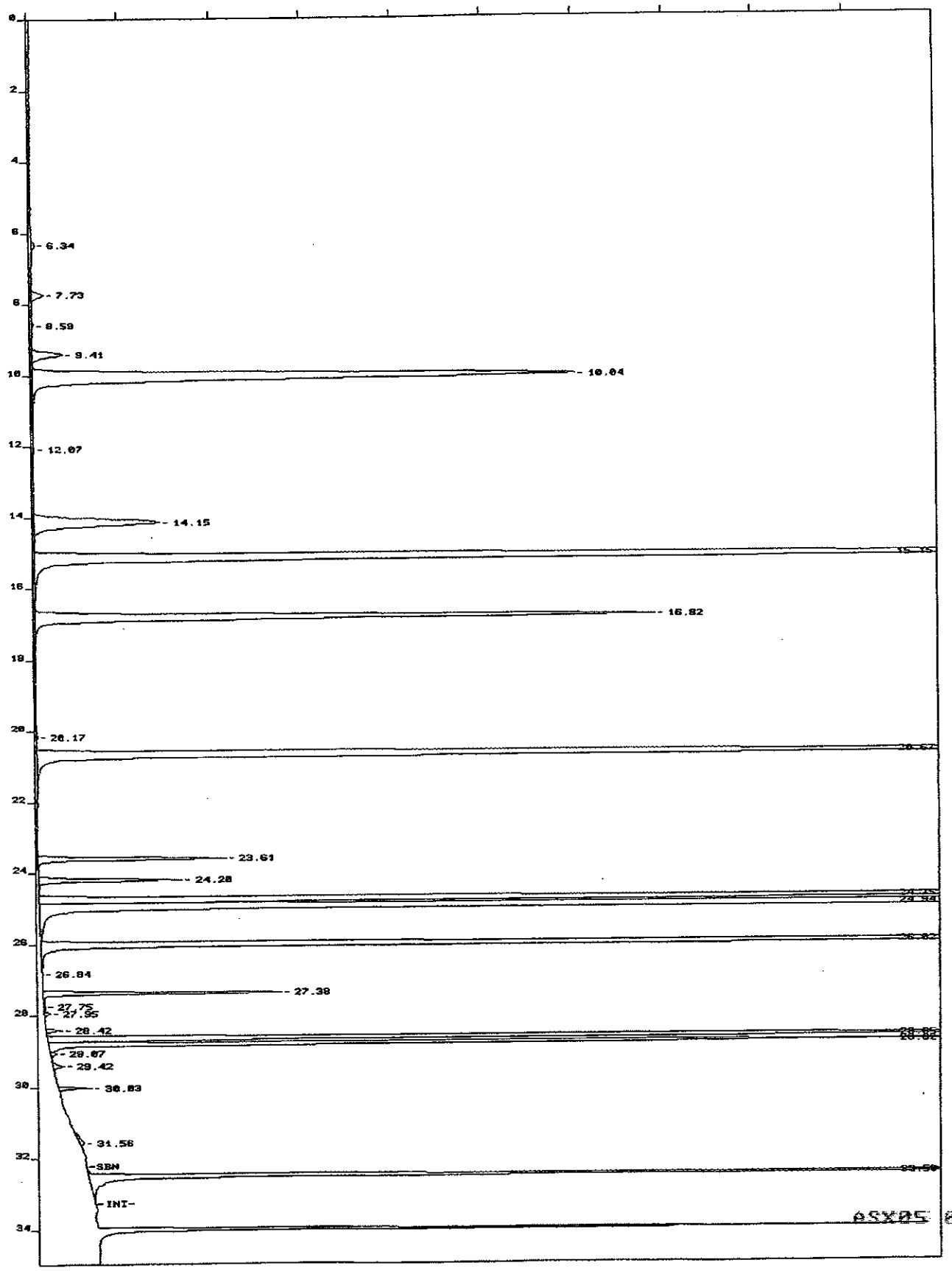
Sample Name: **LCS0101** **08235A01**
Date Acquired: Aug 23, 2008 15:03:50
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: 15 [illegible] Date: 8/25/08

Verified by: [illegible] Date: [illegible]

ASX05 0446

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



0SX05 0447

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: [signature] Date: 8/25/08

Verified by: [signature] Date: 8/25/08

ASX05 0448

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

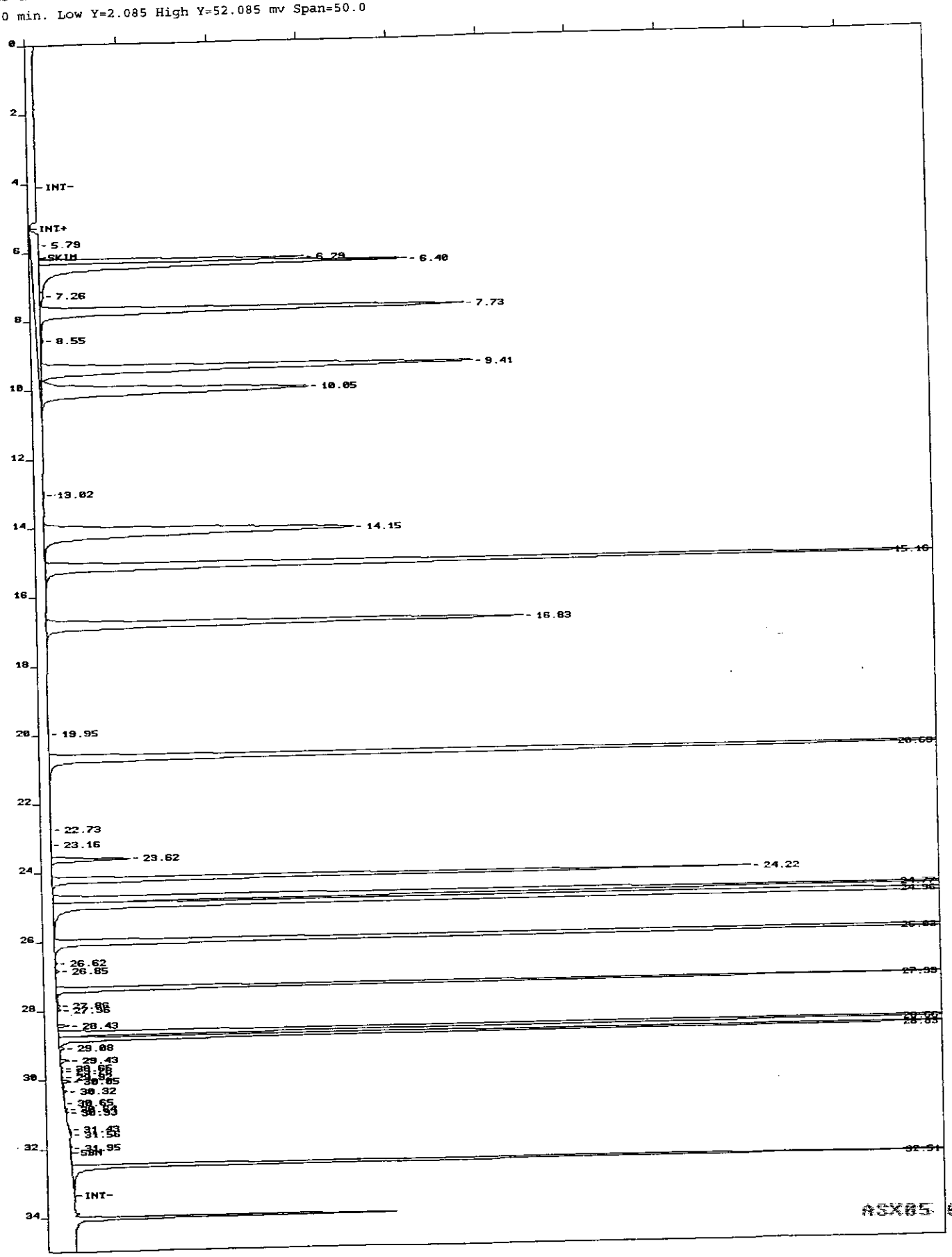
5890-1
Analysis Runlog
Printed 09/07/08 at 10:30

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



ASX05 0451

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: KS / KW Date: 9/4/08

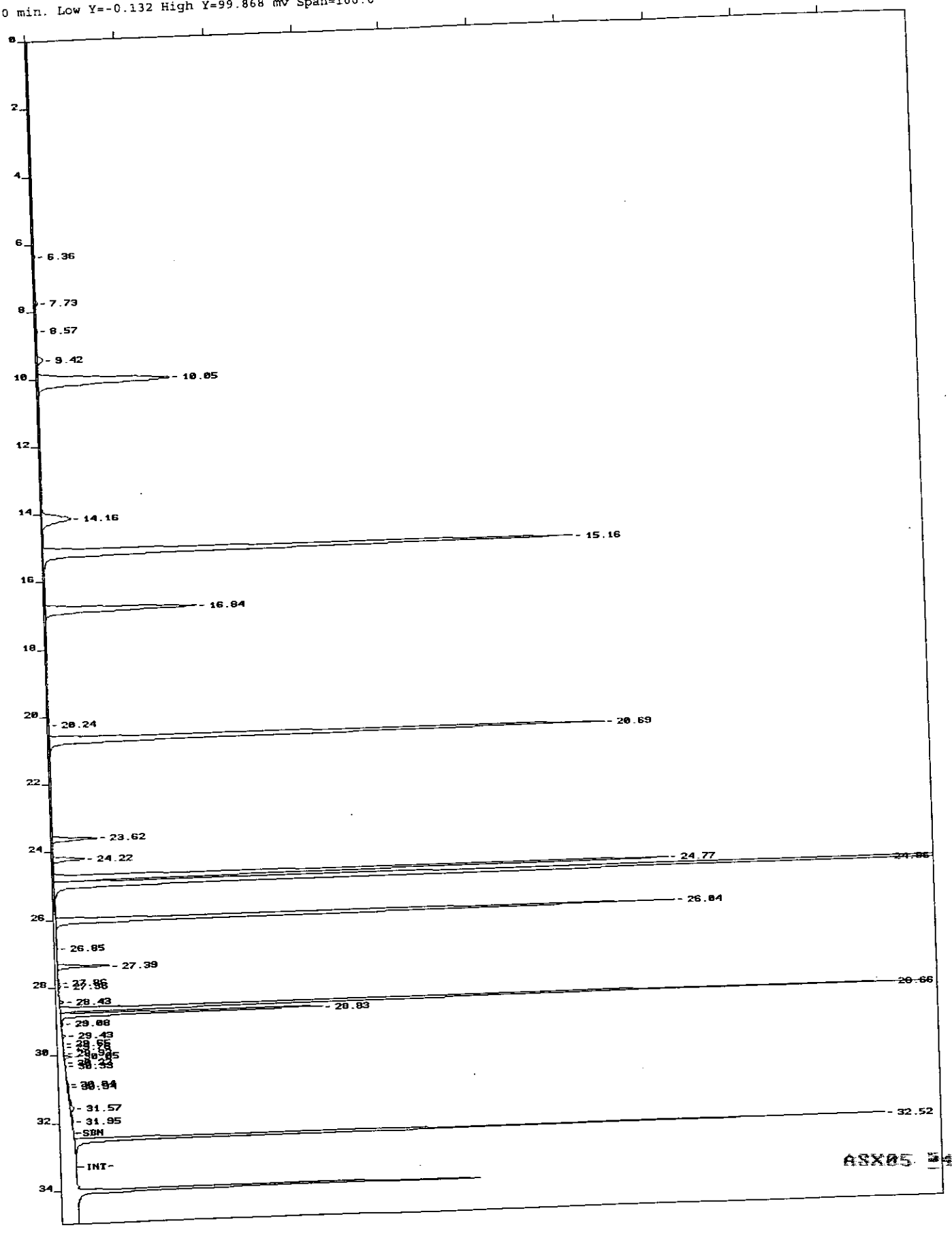
Verified by: [signature] Date: 9/10/08

4SX05 0452

File=C:\CP\DATA1\A1238B.22R Date printed=09-04-2008 Time= 12:00:11

Sample Name=CHKSTD 08248A01A8754

0.0 to 35.0 min. Low Y=-0.132 High Y=99.868 mv Span=100.0



ASX05 [illegible]

08248A01A
Analyses: 8754
Dil. Factor: 1

Sample Name: **CHKSTD**

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

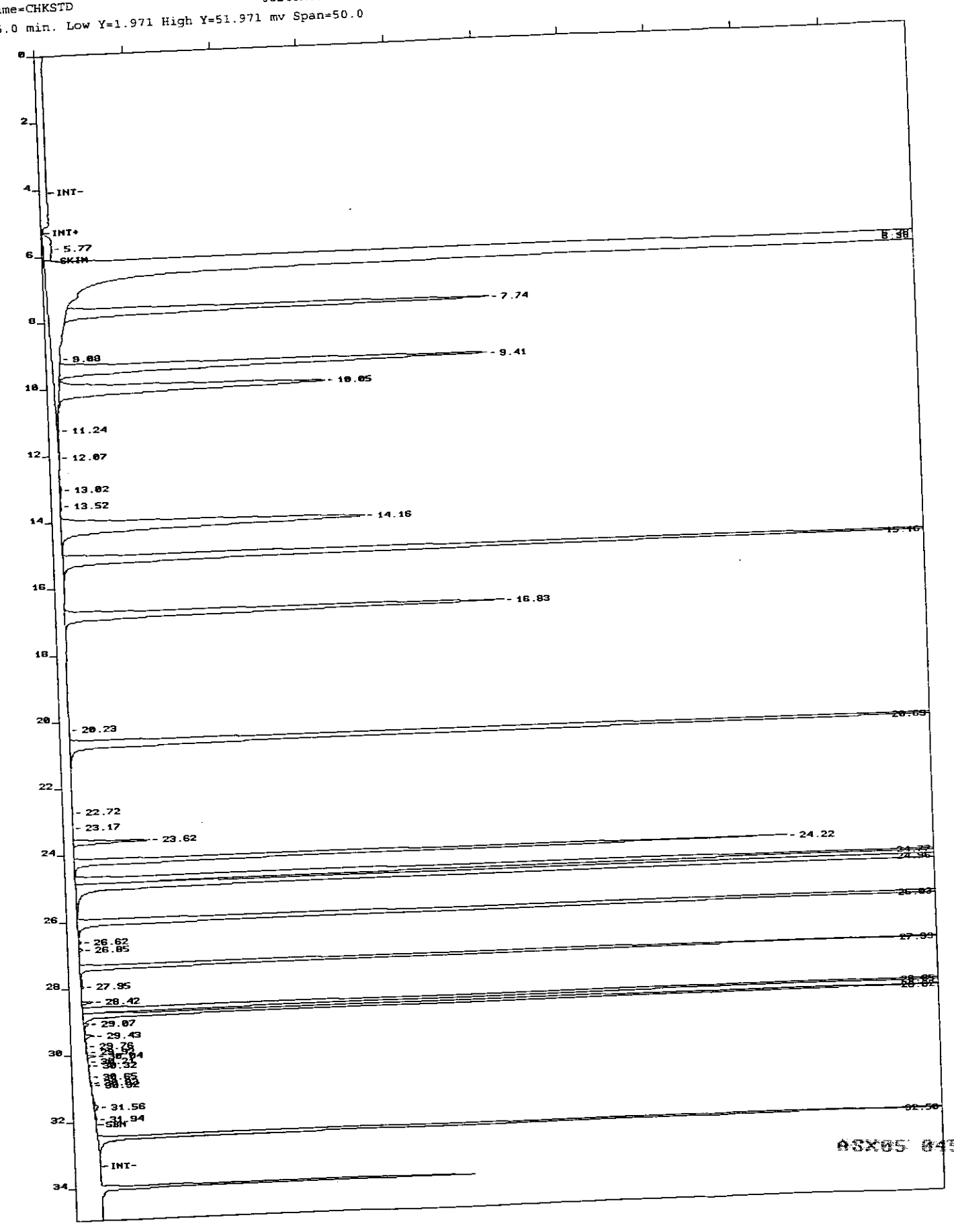
Verified by: [signature] Date: 9/10/08

ASX05 8454

File=C:\CP\DATA1\01248.27R Date printed=09-05-2008 Time= 10:11:16

Sample Name=CHKSTD 08248A01A8754

0.0 to 35.0 min. Low Y=1.971 High Y=51.971 mv Span=50.0



ASX85 0455

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%

08248A01

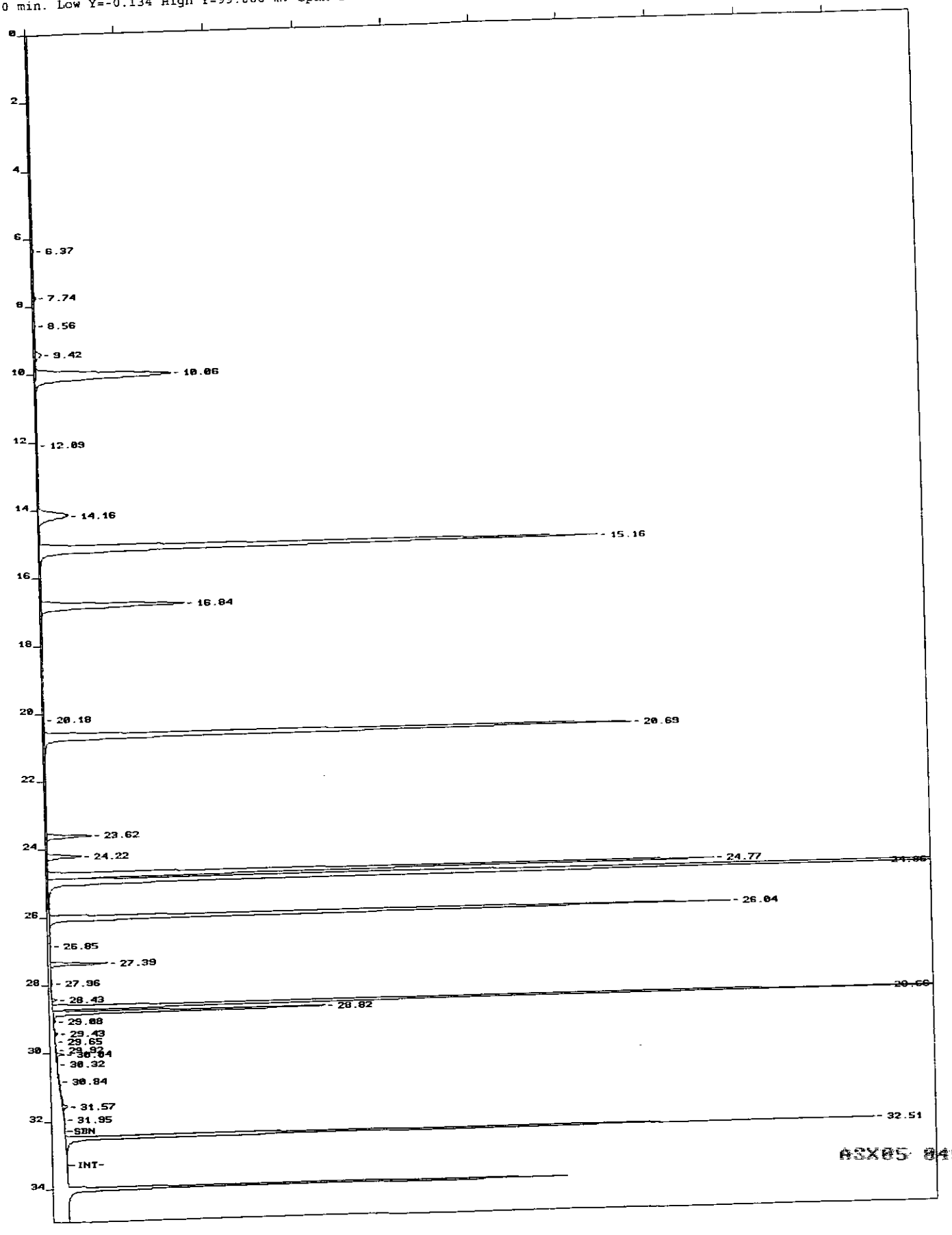
Sample Name: **CHKSTD**
Date Acquired: Sep 5, 2008 10:11:15
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\MACHKFID.FMT

Reviewed by: _____ Date: 9/7/08

Verified by: MCM Date: 9/10/08

0456

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



ASX05 0457

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: KO Date: 9/7/08

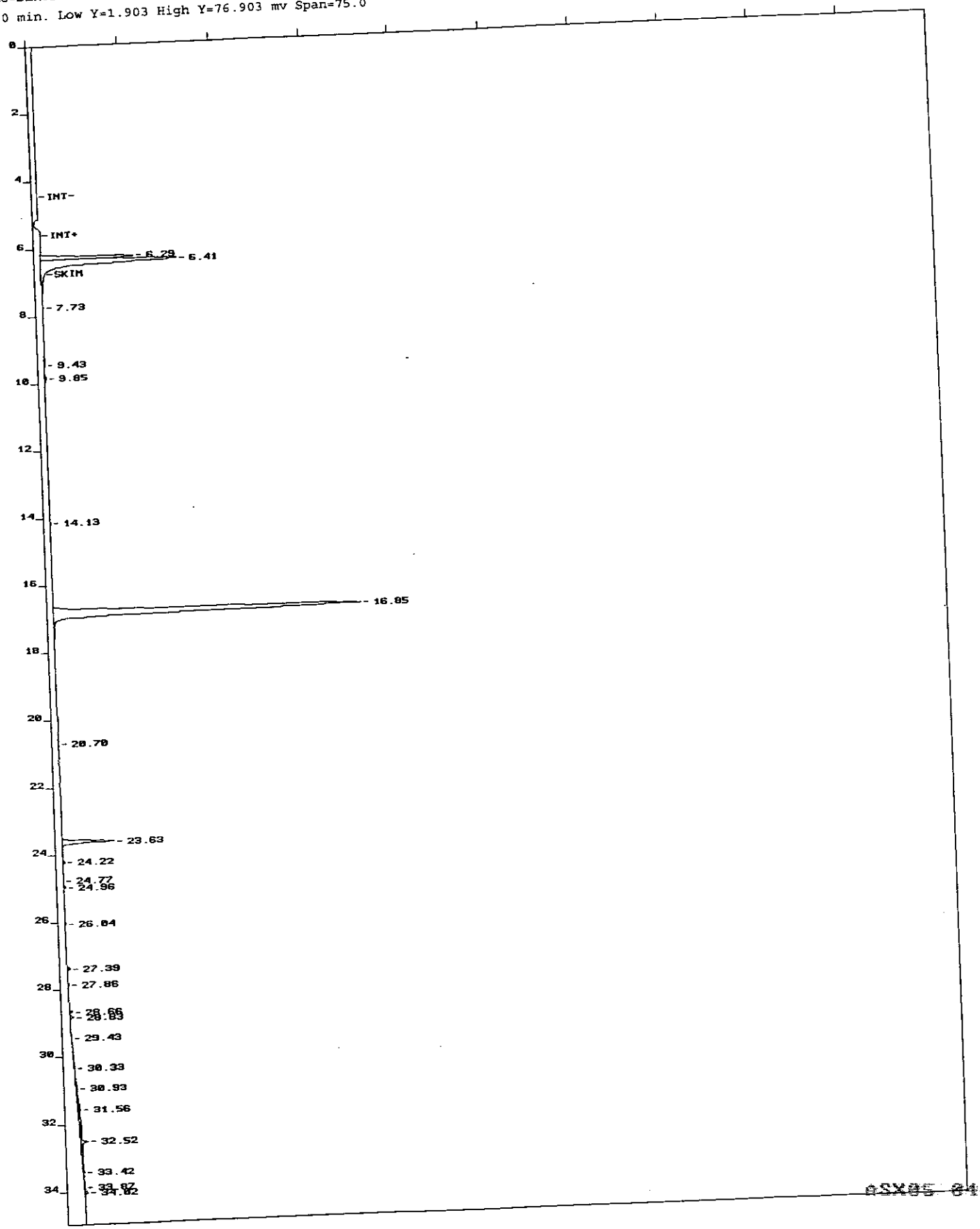
Verified by: MCM Date: 9/10/08

ASX85 0458

Raw QC Data

ASX05 8459

ile=C:\CP\DATA1\01248.04R Date printed=09-04-2008 Time= 13:35:35
08248A01A8754
ample Name=BLK0112
.0 to 35.0 min. Low Y=1.903 High Y=76.903 mv Span=75.0



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

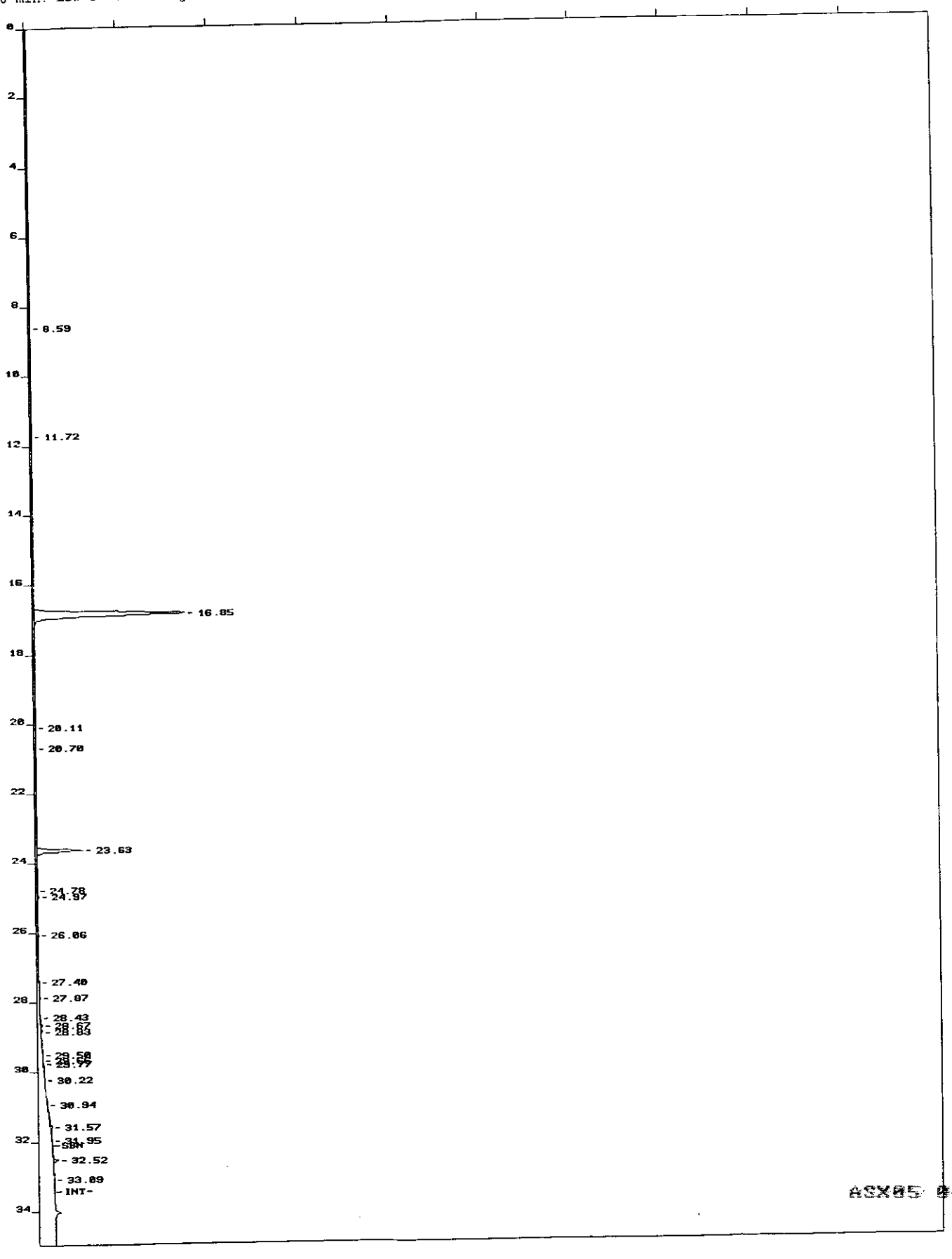
ASX85 0461

Sample Name: **BLK0112** **08248A01**
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



ASX85 0462

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%

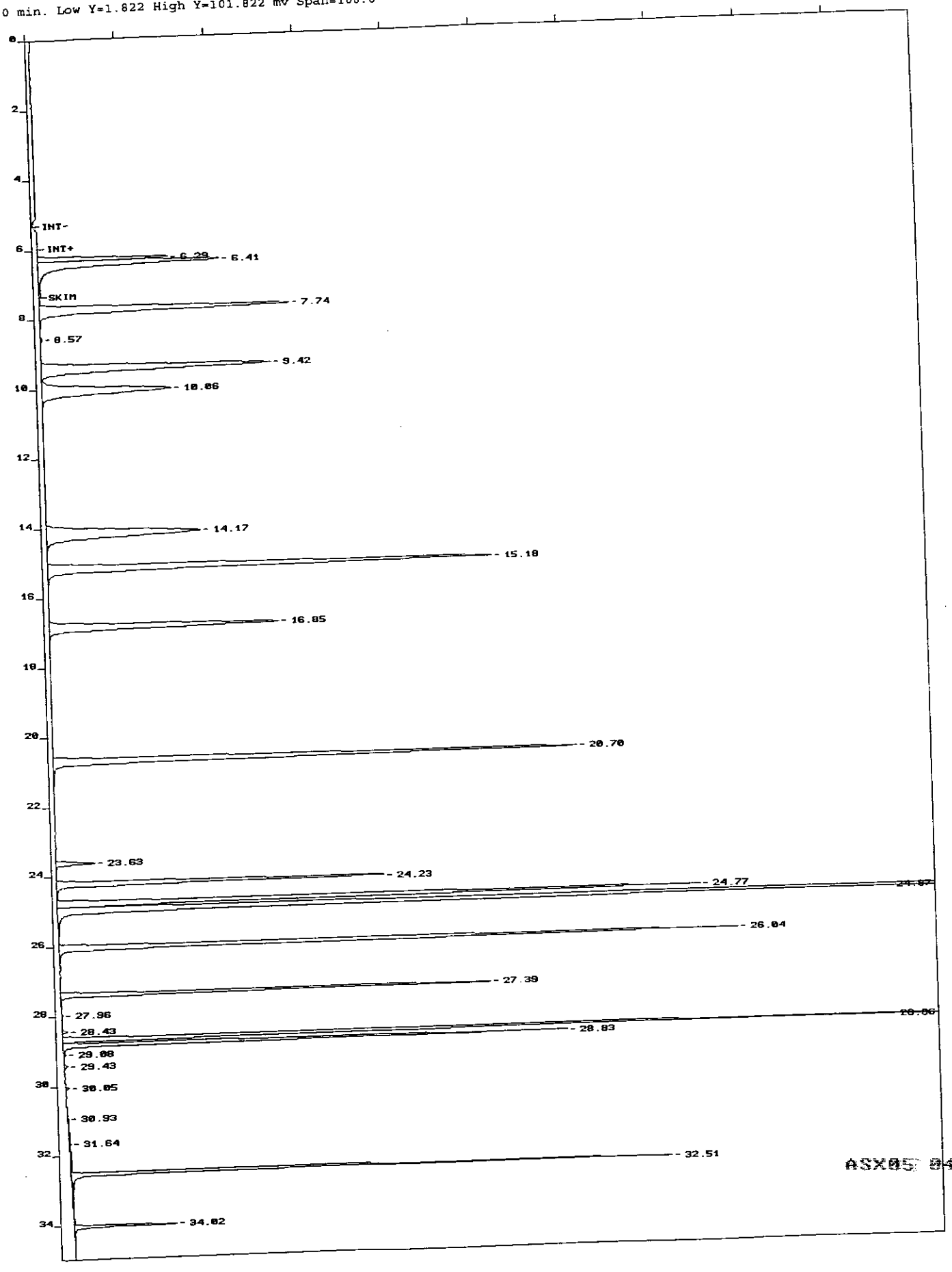
Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: KG MW Date: 9/7/08

Verified by: [illegible] Date: 9/10/08

aSX05 5463

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



ASX05 0464

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

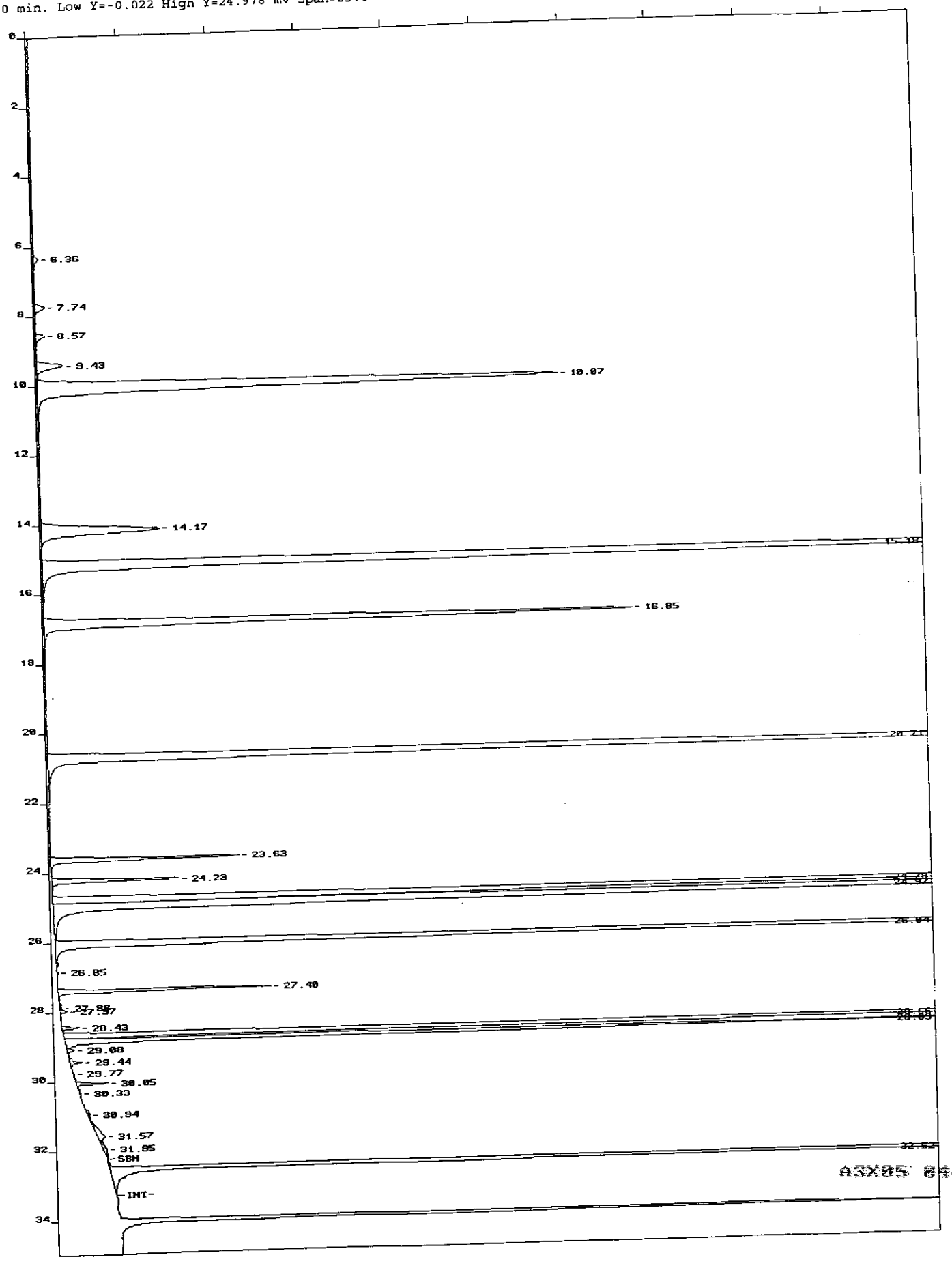
Sample Name: **LCS0112**
Date Acquired: Sep 4, 2008 14:59:29
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: KMS *KW Date: 9/7/08

Verified by: MCS MB Date: 9/10/08

ASX85 8465

File=C:\CP\DATA1\01248B.06R Date printed=09-04-2008 Time= 14:59:51
Sample Name=LCS0112 08248A01A8754
0.0 to 35.0 min. Low Y=-0.022 High Y=24.978 mv Span=25.0



ASX05 0466

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%

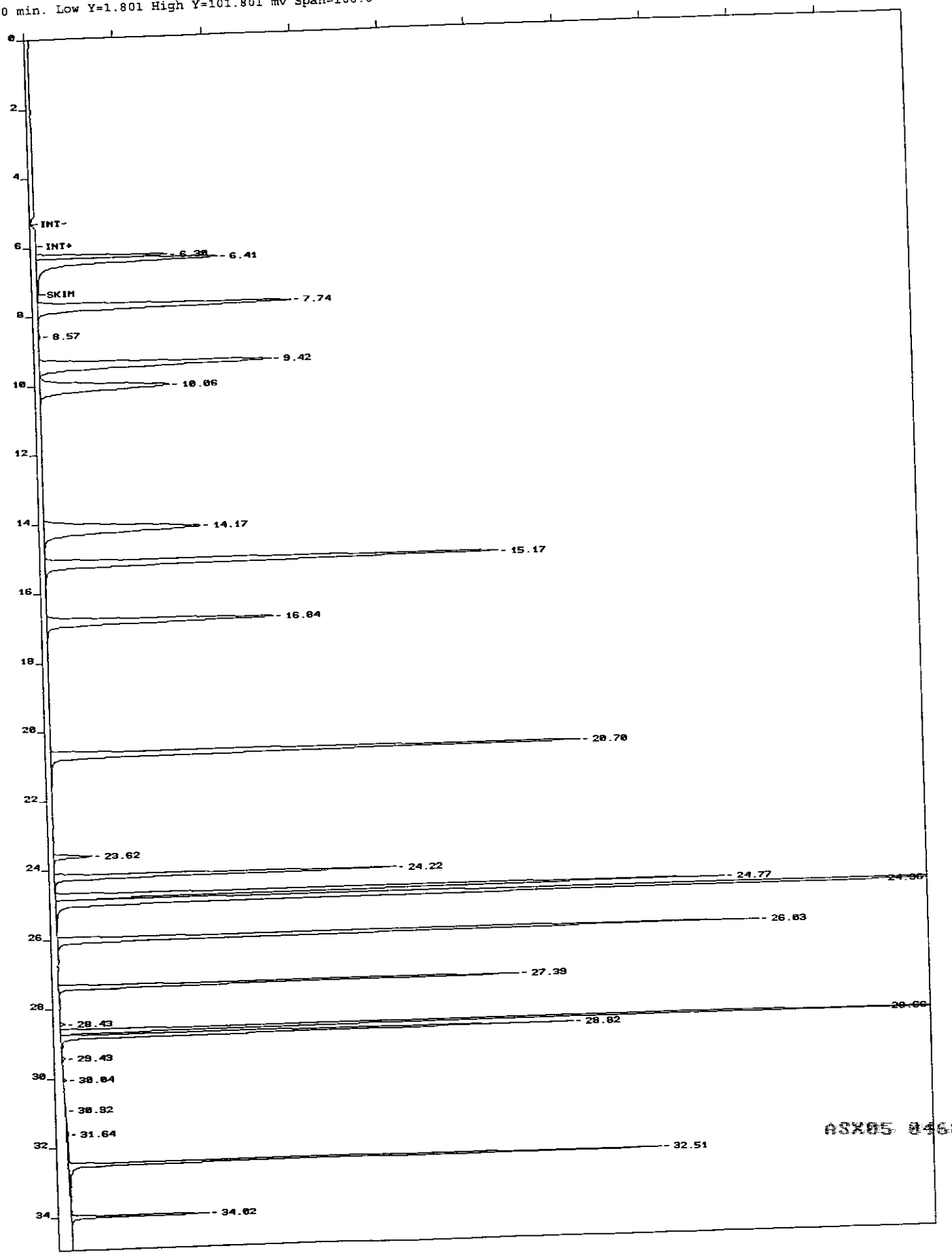
Check standard used in calculating percentage: C:\CP\DATA1\A1238B.22A

Entered by: KG KW Date: 9/7/08

Verified by: [signature] Date: 9/10/08

ASX05 0467

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



ASX05 9468

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

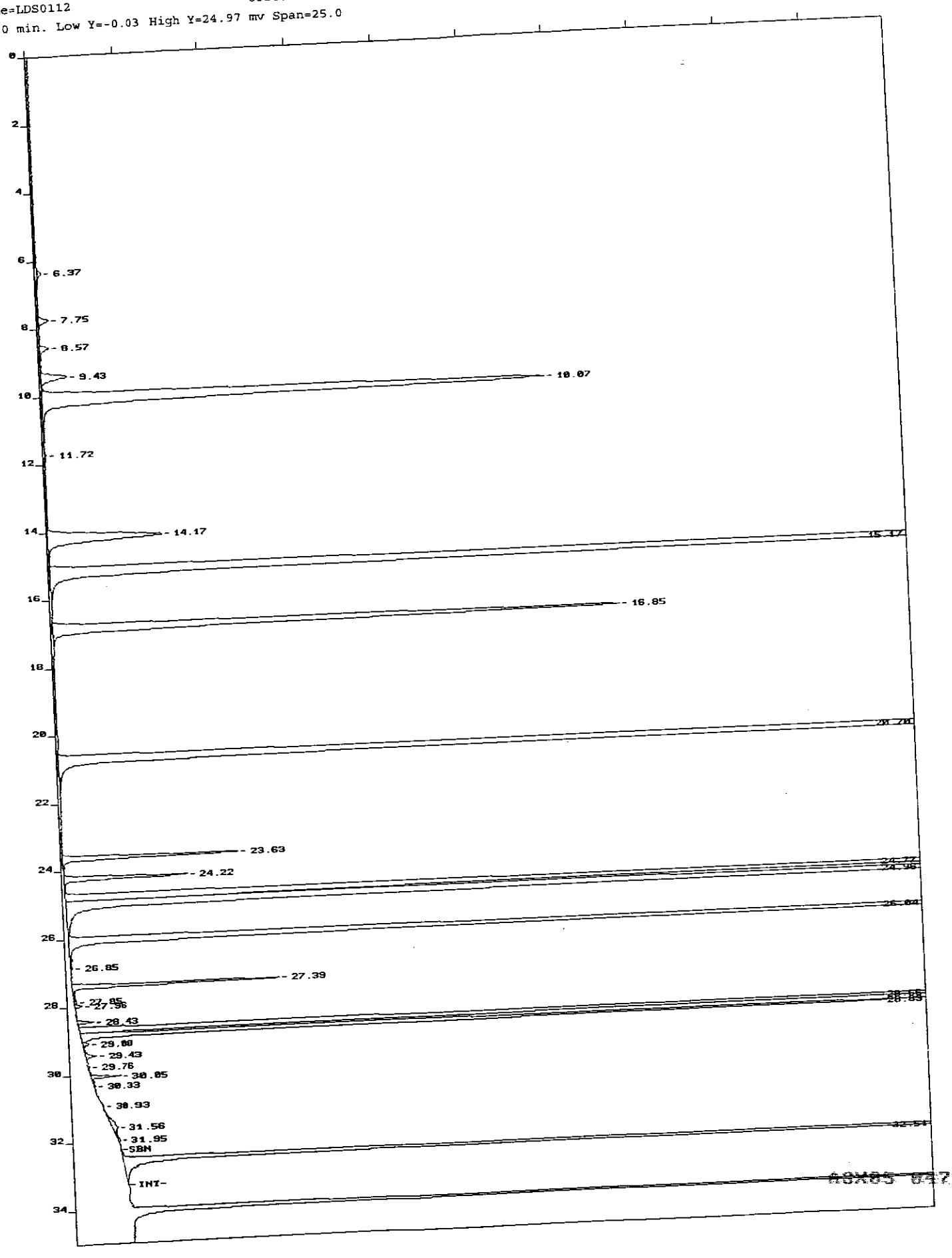
Sample Name: **LDS0112**
Date Acquired: Sep 4, 2008 15:41:22
Chrom Perfect version 6.07
Report format file: C:\CP\DATA1\LCSF.FMT

Reviewed by: KO KW Date: 9/7/08

Verified by: MCSNR Date: 9/10/08

ASX05 0469

.le=C:\CP\DATA1\01248B.07R Date printed=09-04-2008 Time= 15:41:44
08248A01A8754
ample Name=LDS0112
.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

ASX85 0471

Preparation Logs

ASX85 9472

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			

ASX05 0473

Batch: 08248A01A

pH Form

Analyst: KAJ #290 9/5/08

Verifier: MISMS 9/10/08

ASX85 8474

Polychlorinated Biphenyls (PCBs) Data

ASX85_0475

Case Narrative
Conformance/Nonconformance
Summary

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX05

LANCASTER LABORATORIES

PCBs

		MATRIX		
LLI SAMPLE #	**SAMPLE CODE**	**WATER**	**SOLID**	**COMMENT**
BLANKA 9/2/08	PBLK0T		X	Method Blank
LCSA	LCSCZ		X	Lab Control Spike
5454430	AMS19		X	DF100
5454431	AMS20		X	DF100
5454432	AMS21		X	DF10
5454433	AMS22		X	DF10
5454434	AMS23		X	DF20
5454435	AMS43		X	DF100
5454436	AMS24		X	DF50
5454437	AMS25		X	DF100
5454438	AMS26		X	DF100
5454439	AMS27		X	DF50
5454440	AMS31		X	DF50
5454441	AMS30		X	DF250
5454442	AMS29		X	DF100
5454443	AMS28		X	
5454444	AMS32		X	DF100
5454445	AMS33		X	Unspiked DF100
5454446MS	AMS33MS		X	Matrix Spike DF100
5454447MSD	AMS33MSD		X	Matrix Spike Dup DF100
5454448	AMS34		X	DF50
5454449	AMS2-		X	DF10

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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Lancaster Laboratories

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 are outside QC limits for 5454446MS/5454447MSD 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** 9/26/8

ASX05 8478

QC Summary

2F
SOIL SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.: ASX05

GC Column (1): RTXCLP ID: .32 GC Column (2): RTXCLPII ID: .32

Batchnumber: 082460004A

SAMPLE	SAMPLE CODE NO.	TCX 1 % REC #	TCX 2 % REC #	DCB 1 % REC #	DCB 2 % REC #	TOT OUT
5454430	AMS19	66	118	115	137	0
5454431	AMS20	63	95	57	88	0
5454432	AMS21	84	104	128	136	0
5454433	AMS22	74	89	156 D	147 D	0
5454434	AMS23	78	99	158 D	165 D	0
5454435	AMS43	75	101	0 D	116	0
5454436	AMS24	81	110	94	118	0
5454437	AMS25	71	99	88	120	0
5454438	AMS26	78	110	105	146 D	0
5454439	AMS27	82	100	110	134	0
5454440	AMS31	82	102	109	139	0
5454441	AMS30	267 D	516 D	80	178 D	0
5454442	AMS29	88	112	102	127	0
5454443	AMS28	97	97	104	101	0
5454444	AMS32	76	111	88	116	0
5454445	AMS33	45 D	95	79	123	0
5454446 MS	AMS33MS	78	100	118	135	0
5454447 MSD	AMS33MSD	80	131	122	129	0
5454448	AMS34	81	117	111	134	0
5454449	AMS2-	86	104	117	129	0
BLANKA	PBLK0T	96	96	102	97	0
LCSA	LCSCZ	96	95	97	95	0

	ADVISORY QC LIMITS	NOMINAL CONCENTRATION	
TCX = Tetrachloro-m-xylene	(53 - 139)	9.98	ug/kg
DCB = Decachlorobiphenyl	(53 - 142)	10	ug/kg

ASX05 0400

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.: AMS33

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	174.89	0	656.03	688.82	375*	394*	(45 - 130)	5	50
Aroclor-1260	174.89	19496.61	19515.90	21755.37	11*	1290*	(39 - 149)	11	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:

ASX05 8481

Sample No.: 5454445 Batch: 082460004A

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.: LCSCZ

Compound	Spike Added (ug/kg)	LCS Concen (ug/kg)	LCSD Concen (ug/kg)	LCS % Rec #	LCSD % Rec #	LCS-LCSD % REC Limits	% RPD #	% RPD Lim
Arodor-1016	166.67	146.45		88		(72 - 120)		50
Arodor-1260	166.67	143.16		86		(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. ASX85 0482

Sample No.: LCSA Batch: 082460004A

4C

METHOD BLANK SUMMARY

SAMPLE CODE NO.

PBLK0T

Lab Sample ID BLANKA Batch 082460004A

Matrix: (soil/water) SOIL

Sulfur Cleanup: (Y/N) Y

Date Analyzed (1): 9/4/2008

Time Analyzed (1): 19:17:40

Instrument ID (1): H2601A

GC Column: RTXCLP ID: 0.32 (mm)

Lab File ID: 8P2235.38R 8P2235B.38R

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 9/2/2008

Date Analyzed (2): 9/4/2008

Time Analyzed (2): 19:17:40

Instrument ID (2): H2601B

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	AMS19	5454430	9/4/2008	9/4/2008
02	AMS20	5454431	9/4/2008	9/4/2008
03	AMS21	5454432	9/4/2008	9/4/2008
04	AMS22	5454433	9/4/2008	9/4/2008
05	AMS23	5454434	9/5/2008	9/5/2008
06	AMS43	5454435	9/4/2008	9/4/2008
07	AMS24	5454436	9/4/2008	9/4/2008
08	AMS25	5454437	9/4/2008	9/4/2008
09	AMS26	5454438	9/4/2008	9/4/2008
10	AMS27	5454439	9/4/2008	9/4/2008
11	AMS31	5454440	9/4/2008	9/4/2008
12	AMS30	5454441	9/5/2008	9/5/2008
13	AMS29	5454442	9/5/2008	9/5/2008
14	AMS28	5454443	9/4/2008	9/4/2008
15	AMS32	5454444	9/4/2008	9/4/2008
16	AMS33	5454445	9/5/2008	9/5/2008
17	AMS33MS	5454446MS	9/5/2008	9/5/2008
18	AMS33MSD	5454447MSD	9/5/2008	9/5/2008
19	AMS34	5454448	9/5/2008	9/5/2008
20	AMS2-	5454449	9/5/2008	9/5/2008
21	PBLK0T	BLANKA	9/4/2008	9/4/2008
22	LCSCZ	LCSA	9/4/2008	9/4/2008

ASX85 0483

COMMENTS:

FORM IV

1D

ORGANICS ANALYSIS DATA SHEET

SAMPLE CODE NO.

PBLK0T

Lab Name: Lancaster Laboratories **Contract:** **Batchnumber:** 082460004A

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:** 8P2235.38R

% Moisture: **Decanted: (Y/N)** **Date Received:**

Extraction: (SepF/Cont/Sonc) SONC **Date Extracted:** 9/2/2008

Concentrated Extract Volume: 10000 **(uL)** **Date Analyzed:** 9/4/2008

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

ASX85 0484

Sample Data

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

ASX05 0486

Multiple Component Data Summary

Sample Name: 5454430 ACF DF100 AMS19 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 20:00:56
Instrument H2601A
Result file 8P2235.41R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 66.1% Conc: 6.589356
%SSR(DCB) 115.5% Conc: 11.56718

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.51**	
6.03	6.07	6.09	13091.660150	6211.301786			1
6.14	6.17	6.20	33468.574215	7797.846197			2
6.41	6.44	6.47	53539.351563	10667.002891			3
6.68	6.71	6.74	54823.105469	10069.399149			4
6.77	6.80	6.83	20323.169922	6737.830506			5
6.98	7.02	7.04	30403.433594	9248.457171			6

Height summation: **205649.294923**
Concentration CF: **8455.306283** L:

Analysis Report (B)

Injected on Sep 04, 2008 20:00:56
Instrument H2601B
Result file 8P2235B.41R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 117.7% Conc: 11.73569
%SSR(DCB) 136.8% Conc: 13.70477

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**17.76**	
5.43	5.46	5.49	17591.152344	6510.221505			1
5.54	5.57	5.60	51939.6875	7200.620347			2
5.74	5.77	5.80	75662.585938	8997.983543			3
6.06	6.09	6.12	57955.71875	10257.352472			4
6.35	6.38	6.41	47178.257813	7382.44575			5
7.51	7.54	7.57	33273.316406	7216.111384			6

Height summation: **283600.718751**
Concentration CF: **7927.455834** 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	8455.306283	1700	330		6.44	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [illegible] Date: 9-5-08
Verified By: [illegible] Date: 9.8.08

ASX05 0487

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454430** ACF DF100 AMS19 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:00:56
Instrument : CP02--H2601A
Result file : 8P2235.41R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 66.1% Conc.: 6.589356
%SSR(DCB) : 115.5% Conc.: 11.567187

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	186.82	
4.55	4.56	4.61	126.641769	22.730756			3
4.71	4.75	4.77	98.653969	43.063035			4
5.14	5.18	5.20	183.560623	101.821319			5
5.38	5.42	5.44	6223.446289	3211.889119			6
Height Summation:			6632.302650				
Amount Avg CF:			844.876057	Linear:			
Aroclor-1232					4	197.31	
4.55	4.56	4.61	126.641769	46.596306			3
4.70	4.75	4.76	98.653969	92.698115			4
5.13	5.18	5.19	183.560623	217.090205			5
E 5.38	5.42	5.44	6223.446289	34982.834677			6
Height Summation:			6632.302650				
Amount Avg CF:			8834.804826	Linear:			
Aroclor-1242					4	195.82	
4.55	4.56	4.61	126.641769	28.70719			3
4.71	4.75	4.77	98.653969	55.050902			4
5.14	5.18	5.20	183.560623	123.348199			5
E 5.38	5.42	5.44	6223.446289	13002.081456			6
Height Summation:			6632.302650				
Amount Avg CF:			3302.296937	Linear:			
Aroclor-1248					4	67.33	
4.55	4.56	4.61	126.641769	45.50032			1
5.62	5.64	5.68	9965.986328	3208.312111			4
5.96	6.00	6.02	6747.047363	4113.471364			5
6.26	6.29	6.32	3796.995117	3272.820229			6
Height Summation:			20636.670577				
Amount Avg CF:			2660.026006	Linear:			
Aroclor-1254					6	118.85	
4.82	4.85	4.88	263.864838	114.167005			1
5.61	5.64	5.67	9965.986328	2597.963734			2
5.96	6.00	6.02	6747.047363	1228.724631			3
6.26	6.29	6.32	3796.995117	916.201837			4
6.52	6.56	6.58	15849.12304	5629.338319			5
6.68	6.71	6.74	54823.10546	11823.493877			6
Height Summation:			91446.122162				
Amount Avg CF:			3718.314901	Linear:			
Aroclor-1260					6	21.51	
6.03	6.07	6.09	13091.66015	6211.301786			1
6.14	6.17	6.20	33468.57421	7797.846197			2
6.41	6.44	6.47	53539.35156	10667.002891			3
6.68	6.71	6.74	54823.10546	10069.399149			4
6.77	6.80	6.83	20323.16992	6737.830506			5
6.98	7.02	7.04	30403.43359	9248.457171			6
Height Summation:			205649.294923				
Amount Avg CF:			8455.306283	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:00:56
Instrument : CP02--H2601B
Result file : 8P2235B.41R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 117.7% Conc.: 11.735691
%SSR(DCB) : 136.8% Conc.: 13.70477

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	153.56	
3.32	3.36	3.38	4831.90625	1283.38506			1
3.65	3.70	3.71	240.88501	42.681729			2
3.84	3.89	3.90	516.102417	121.205771			3
+ 4.66	4.67	4.72	104.233368	32.826223			6
4.66	4.68	4.72	344.645203	108.539141			6
Height Summation:			5933.538880				
Amount Avg CF:			388.952925	Linear:			
Aroclor-1221					2	89.01	
3.14	3.17	3.20	441.351013	210.197177			1
3.32	3.36	3.38	4831.90625	924.165376			3
Height Summation:			5273.257263				
Amount Avg CF:			567.181277	Linear:			
Aroclor-1232					4	114.12	
3.32	3.36	3.38	4831.90625	1115.166805			1
3.65	3.70	3.71	240.88501	80.4116			2
3.83	3.89	3.89	516.102417	247.10448			3
+ 4.65	4.67	4.71	104.233368	64.851994			6
4.65	4.68	4.71	344.645203	214.431609			6
Height Summation:			5933.538880				
Amount Avg CF:			414.278624	Linear:			
Aroclor-1242					4	150.57	
3.32	3.36	3.38	4831.90625	1536.279489			1
3.65	3.70	3.71	240.88501	53.900116			2
3.84	3.89	3.90	516.102417	149.536389			3
+ 4.66	4.67	4.72	104.233368	44.982465			6
4.66	4.68	4.72	344.645203	148.733473			6
Height Summation:			5933.538880				
Amount Avg CF:			472.112367	Linear:			
Aroclor-1248					3	142.20	
4.14	4.14	4.20	279.759369	261.135694			1
+ 4.14	4.17	4.20	252.04158	235.263087			1
+ 4.66	4.67	4.72	104.233368	29.640483			4
4.66	4.68	4.72	344.645203	98.005568			4
4.87	4.90	4.93	10815.14746	2627.950776			5
Height Summation:			11439.552033				
Amount Avg CF:			995.697346	Linear:			
Aroclor-1254					6	147.76	
5.24	5.27	5.30	861.294556	302.771539			1
5.32	5.35	5.38	3464.186035	678.422094			2
5.41	5.46	5.47	17591.15234	1893.67774			3
5.64	5.67	5.70	1941.332153	296.844953			4
5.94	5.98	6.00	2746.705811	723.658667			5
6.05	6.09	6.11	57955.71875	7505.022333			6
Height Summation:			84560.389649				
Amount Avg CF:			1900.066221	Linear:			

ASX05 0488

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:35:05

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454430** ACF DF100 AMS19 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:00:56
Instrument : CP02--H2601A
Result file : 8P2235.41R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	47.47	
6.03	6.07	6.09	13091.66015	5265.497929			1
6.13	6.17	6.19	33468.57421	8547.548105			2
6.40	6.44	6.46	53539.35156	12445.796334			3
6.67	6.71	6.73	54823.10546	14122.01572			4
6.76	6.80	6.82	20323.16992	3837.45076			5
6.98	7.02	7.04	30403.43359	6922.939894			6
Height Summation:			**205649.294923**				
Amount Avg CF:			**8523.541457**	Linear:			
Aroclor-1268					5	75.89	
6.76	6.80	6.82	20323.16992	8588.592782			1
7.00	7.02	7.06	30403.43359	10592.940322			2
7.66	7.70	7.72	42045.80468	3748.927565			3
+ 8.01	8.01	8.07	171.977066	18.586505			4
8.01	8.04	8.07	192.073944	20.758485			4
8.51	8.55	8.57	16708.09960	4516.967348			6
Height Summation:			**109672.581757**				
Amount Avg CF:			**5493.6373**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:00:56
Instrument : CP02--H2601B
Result file : 8P2235B.41R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	17.76	
5.43	5.46	5.49	17591.15234	6510.221505			1
5.54	5.57	5.60	51939.6875	7200.620347			2
5.74	5.77	5.80	75662.58593	8997.983543			3
6.06	6.09	6.12	57955.71875	10257.352472			4
6.35	6.38	6.41	47178.25781	7382.44575			5
7.51	7.54	7.57	33273.31640	7216.111384			6
Height Summation:			**283600.718751**				
Amount Avg CF:			**7927.455834**	Linear:			
Aroclor-1262					6	90.10	
6.05	6.09	6.11	57955.71875	18830.425764			1
6.14	6.18	6.20	18384.66796	7264.576821			2
6.44	6.48	6.50	20392.11914	5529.549886			3
6.88	6.92	6.94	17485.75	2564.607758			4
7.34	7.37	7.40	13439.86914	4664.196722			5
7.86	7.90	7.92	7220.955078	2209.677325			6
Height Summation:			**134879.080079**				
Amount Avg CF:			**6843.839046**	Linear:			
Aroclor-1268					6	158.39	
6.10	6.13	6.16	18102.83593	4445.514132			1
6.35	6.38	6.41	47178.25781	9105.982225			2
E 6.60	6.63	6.66	121958.1171	54039.90276			3
6.94	6.98	7.00	89776.07812	5299.183692			4
7.16	7.20	7.22	1589.762451	92.417207			5
7.51	7.54	7.57	33273.31640	4201.660141			6
Height Summation:			**311878.367921**				
Amount Avg CF:			**12864.110026**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 73.90	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 182.08	4	10	
Aroclor-1242			1700	330	E	** 149.97	4	30	
Aroclor-1248			1700	330		** 91.05	4	30	
Aroclor-1254			1700	330		** 64.73	4	40	
Aroclor-1260			1700	330		6.44	4	40	
Aroclor-1262			0	0		21.86	4	40	
Aroclor-1268			0	0		** 80.30	4	40	

Units: _____

ASX05 0409

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:35:05

Sample Name: **5454430ACF DF100 ACAMS19 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 08:10:56pm 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\8P2235.41R**
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	2.009		0.0000	0.000	47.3	0.004	BB	0.017	45.23	0.010
2	2.097		0.0000	0.000	92.8	0.008	BB	0.029	53.50	0.011
3	2.205		0.0000	0.000	228.4	0.020	BB	0.061	62.37	0.013
4	2.301		0.0000	0.000	1128.2	0.099	BB	0.037	511.01	0.108
5	2.434		0.0000	0.000	478.7	0.042	BB	0.043	183.73	0.039
6	2.538		0.0000	0.000	1081.4	0.095	BB	0.049	368.22	0.078
7	2.715		0.0000	0.000	163.2	0.014	BB	0.057	47.84	0.010
8	2.804		0.0000	0.000	351.7	0.031	BB	0.056	104.24	0.022
9	2.899		0.0000	0.000	106.6	0.009	BB	0.028	63.85	0.014
10	2.927		0.0000	0.000	262.4	0.023	BB	0.027	159.83	0.034
11	3.029		0.0000	0.000	119.8	0.010	BB	0.033	59.77	0.013
12	3.114		0.0000	0.000	891.8	0.078	BB	0.073	203.99	0.043
13	3.203		0.0000	0.000	62.3	0.005	BB	0.028	36.79	0.008
14	3.351	TCX	197.6807	36.292	1751.7	0.153	BB	0.046	630.35	0.133
15	3.525		0.0000	0.000	642.1	0.056	BB	0.056	190.36	0.040
16	3.859		0.0000	0.000	5575.4	0.487	BB	0.038	2473.13	0.524
17	4.016		0.0000	0.000	71.0	0.006	BB	0.024	49.21	0.010
18	4.077		0.0000	0.000	1547.5	0.135	BB	0.266	97.05	0.021
19	4.559		0.0000	0.000	301.8	0.026	BB	0.040	126.64	0.027
20	4.747		0.0000	0.000	289.3	0.025	BB	0.049	98.65	0.021
21	4.850		0.0000	0.000	461.1	0.040	BB	0.029	263.86	0.056
22	4.924		0.0000	0.000	106.1	0.009	BB	0.029	60.50	0.013
23	5.183		0.0000	0.000	993.6	0.087	BB	0.090	183.56	0.039
24	5.260		0.0000	0.000	694.3	0.061	BB	0.092	125.18	0.026
25	5.415		0.0000	0.000	16082.7	1.406	BB	0.043	6223.45	1.317
26	5.582		0.0000	0.000	1745.0	0.153	BB	0.028	1037.37	0.220
27	5.645		0.0000	0.000	23896.2	2.089	BB	0.040	9965.99	2.110
28	5.840		0.0000	0.000	947.0	0.083	BB	0.031	514.72	0.109
29	5.931		0.0000	0.000	13388.8	1.171	BB	0.041	5405.33	1.144
30	5.997		0.0000	0.000	11895.7	1.040	BB	0.029	6747.05	1.428
31	6.068		0.0000	0.000	39492.6	3.453	BB	0.050	13091.66	2.771
32	6.169		0.0000	0.000	77989.4	6.818	BB	0.039	33468.57	7.085
33	6.291		0.0000	0.000	8141.9	0.712	BB	0.036	3797.00	0.804
34	6.371		0.0000	0.000	13336.5	1.166	BB	0.031	7138.64	1.511
35	6.443		0.0000	0.000	148699.9	13.000	BB	0.046	53539.35	11.333
36	6.559		0.0000	0.000	34711.2	3.035	BB	0.037	15849.12	3.355
37	6.664		0.0000	0.000	3647.4	0.319	BB	0.023	2588.96	0.548
38	6.711		0.0000	0.000	122273.1	10.690	BB	0.037	54823.11	11.605
39	6.801		0.0000	0.000	34107.4	2.982	BB	0.028	20323.17	4.302
40	6.856		0.0000	0.000	20622.2	1.803	BB	0.028	12154.16	2.573
41	7.017		0.0000	0.000	76977.9	6.730	BB	0.042	30403.43	6.436
42	7.098		0.0000	0.000	19295.2	1.687	BB	0.028	11496.78	2.434
43	7.150		0.0000	0.000	9078.6	0.794	BB	0.025	5947.69	1.259
44	7.279		0.0000	0.000	15133.7	1.323	BB	0.034	7389.85	1.564
45	7.366		0.0000	0.000	187351.6	16.379	BB	0.042	74873.21	15.850
46	7.701		0.0000	0.000	92564.6	8.092	BB	0.037	42045.80	8.900
47	7.795		0.0000	0.000	17357.1	1.517	BB	0.035	8255.25	1.748
48	8.010		0.0000	0.000	349.9	0.031	BB	0.034	171.98	0.036
49	8.044		0.0000	0.000	369.5	0.032	BB	0.032	192.07	0.041
50	8.210		0.0000	0.000	22709.7	1.985	BB	0.049	7657.94	1.621
51	8.341		0.0000	0.000	863.3	0.075	BB	0.052	277.60	0.059
52	8.553		0.0000	0.000	45298.7	3.960	BB	0.045	16708.10	3.537
53	8.653		0.0000	0.000	1180.3	0.103	BB	0.032	610.63	0.129
54	8.801		0.0000	0.000	21132.0	1.847	BB	0.086	4073.81	0.862
55	9.035		0.0000	0.000	7229.0	0.632	BB	0.044	2767.39	0.586
56	9.150		0.0000	0.000	2764.5	0.242	BB	0.129	357.89	0.076
57	9.426	DCB	347.0156	63.708	2233.0	0.195	BB	0.047	793.38	0.168
58	9.514		0.0000	0.000	139.4	0.012	BB	0.038	61.74	0.013
59	9.693		0.0000	0.000	767.1	0.067	BB	0.070	182.63	0.039
60	9.879		0.0000	0.000	435.0	0.038	BB	0.082	88.37	0.019
61	9.955		0.0000	0.000	32193.6	2.814	BB	0.104	5177.91	1.096

ASX05 0498

Total Area = 1143849.0, Total Amount = 544.696, Total Height = 472400.0, Sample Units = ug/l

ASX05 0491

Sample Name: **5454430ACF DF100 ACAMS19 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 08:10:56pm 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\8P2235B.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	2.034		0.0000	0.000	65.2	0.004	BB	0.012	93.55	0.012
2	2.057		0.0000	0.000	3002.1	0.176	BB	0.052	958.15	0.123
3	2.214		0.0000	0.000	365.4	0.021	BB	0.021	287.23	0.037
4	2.253		0.0000	0.000	244.6	0.014	BB	0.015	270.27	0.035
5	2.284		0.0000	0.000	1596.0	0.094	BB	0.031	866.75	0.112
6	2.500		0.0000	0.000	478.7	0.028	BB	0.015	546.52	0.070
7	2.620		0.0000	0.000	173.2	0.010	BB	0.017	168.03	0.022
8	2.737		0.0000	0.000	269.9	0.016	BB	0.014	329.43	0.042
9	2.774		0.0000	0.000	254.6	0.015	BB	0.017	254.59	0.033
10	2.814		0.0000	0.000	437.2	0.026	BB	0.020	366.99	0.047
11	2.926	TCX	352.0707	46.130	4549.2	0.267	BB	0.040	1875.60	0.242
12	3.039		0.0000	0.000	318.4	0.019	BB	0.021	250.00	0.032
13	3.112		0.0000	0.000	183.4	0.011	BB	0.015	200.38	0.026
14	3.166		0.0000	0.000	918.4	0.054	BB	0.035	441.35	0.057
15	3.364		0.0000	0.000	11149.7	0.654	BB	0.038	4831.91	0.622
16	3.498		0.0000	0.000	326.1	0.019	BB	0.018	297.43	0.038
17	3.564		0.0000	0.000	576.2	0.034	BB	0.022	438.10	0.056
18	3.630		0.0000	0.000	227.5	0.013	BB	0.012	309.14	0.040
19	3.697		0.0000	0.000	244.8	0.014	BB	0.017	240.89	0.031
20	3.889		0.0000	0.000	1176.1	0.069	BB	0.038	516.10	0.066
21	3.983		0.0000	0.000	410.4	0.024	BB	0.018	384.22	0.049
22	4.016		0.0000	0.000	2566.7	0.151	BB	0.063	679.59	0.088
23	4.143		0.0000	0.000	471.6	0.028	BB	0.028	279.76	0.036
24	4.169		0.0000	0.000	275.9	0.016	BB	0.018	252.04	0.032
25	4.300		0.0000	0.000	49.6	0.003	BB	0.006	146.45	0.019
26	4.343		0.0000	0.000	2200.4	0.129	BB	0.053	692.71	0.089
27	4.433		0.0000	0.000	153.2	0.009	BB	0.016	162.29	0.021
28	4.466		0.0000	0.000	198.9	0.012	BB	0.012	277.25	0.036
29	4.667		0.0000	0.000	71.0	0.004	BB	0.011	104.23	0.013
30	4.683		0.0000	0.000	668.6	0.039	BB	0.032	344.65	0.044
31	4.803		0.0000	0.000	6.5	0.000	N	-110.653	0.00	0.000
32	4.824		0.0000	0.000	488.5	0.029	BB	0.028	288.60	0.037
33	4.895		0.0000	0.000	23780.0	1.395	BB	0.037	10815.15	1.393
34	4.995		0.0000	0.000	2559.6	0.150	BB	0.024	1793.27	0.231
35	5.049		0.0000	0.000	44107.5	2.588	BB	0.042	17512.21	2.255
36	5.214		0.0000	0.000	98.1	0.006	BB	0.007	236.96	0.031
37	5.233		0.0000	0.000	100.5	0.006	BB	0.006	272.79	0.035
38	5.266		0.0000	0.000	1223.6	0.072	BB	0.024	861.29	0.111
39	5.302		0.0000	0.000	80.5	0.005	BB	0.005	262.84	0.034
40	5.313		0.0000	0.000	212.8	0.012	BB	0.009	409.08	0.053
41	5.348		0.0000	0.000	5096.0	0.299	BB	0.025	3464.19	0.446
42	5.456		0.0000	0.000	40562.1	2.380	BB	0.038	17591.15	2.265
43	5.495		0.0000	0.000	8107.8	0.476	BB	0.023	5940.46	0.765
44	5.572		0.0000	0.000	117415.2	6.890	BB	0.038	51939.69	6.689
45	5.668		0.0000	0.000	1907.4	0.112	BB	0.016	1941.33	0.250
46	5.707		0.0000	0.000	16929.4	0.993	BB	0.026	10667.86	1.374
47	5.767		0.0000	0.000	181731.8	10.664	BB	0.040	75662.59	9.744
48	5.911		0.0000	0.000	127124.5	7.459	BB	0.036	58535.32	7.538
49	5.981		0.0000	0.000	3314.2	0.194	BB	0.020	2746.71	0.354
50	6.037		0.0000	0.000	15595.2	0.915	BB	0.024	10881.54	1.401
51	6.086		0.0000	0.000	98407.5	5.774	BB	0.028	57955.72	7.463
52	6.127		0.0000	0.000	23464.4	1.377	BB	0.022	18102.84	2.331
53	6.180		0.0000	0.000	28109.9	1.649	BB	0.025	18384.67	2.368
54	6.311		0.0000	0.000	14467.1	0.849	BB	0.034	7183.13	0.925
55	6.382		0.0000	0.000	114799.2	6.736	BB	0.041	47178.26	6.076
56	6.479		0.0000	0.000	32579.2	1.912	BB	0.027	20392.12	2.626
57	6.523		0.0000	0.000	7607.2	0.446	BB	0.019	6517.16	0.839
58	6.558		0.0000	0.000	5357.4	0.314	BB	0.019	4764.59	0.614
59	6.633		0.0000	0.000	300488.0	17.632	BB	0.041	121958.10	15.706
60	6.816		0.0000	0.000	229.3	0.013	BB	0.016	234.44	0.030
61	6.917		0.0000	0.000	28382.9	1.665	BB	0.027	17485.75	2.252
62	6.976		0.0000	0.000	209693.7	12.304	BB	0.039	89776.08	11.561

ASX85 0492

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.196		0.0000	0.000	2873.6	0.169	BB	0.030	1589.76	0.205
64	7.255		0.0000	0.000	6584.0	0.386	BB	0.041	2650.66	0.341
65	7.374		0.0000	0.000	33108.8	1.943	BB	0.041	13439.87	1.731
66	7.543		0.0000	0.000	88167.0	5.173	BB	0.044	33273.32	4.285
67	7.725		0.0000	0.000	164.7	0.010	BB	0.012	231.76	0.030
68	7.749		0.0000	0.000	68.3	0.004	BB	0.010	118.52	0.015
69	7.770		0.0000	0.000	18.0	0.001	N	-0.003	- 109.53	0.014
70	7.813		0.0000	0.000	438.3	0.026	BB	0.014	507.80	0.065
71	7.899		0.0000	0.000	20028.7	1.175	BB	0.046	7220.96	0.930
72	8.135		0.0000	0.000	879.3	0.052	BB	0.034	436.11	0.056
73	8.216	DCB	411.1431	53.870	11831.6	0.694	BB	0.104	1890.96	0.244
74	8.444		0.0000	0.000	82.4	0.005	BB	0.008	169.91	0.022
75	8.494		0.0000	0.000	344.4	0.020	BB	0.023	249.90	0.032
76	8.544		0.0000	0.000	389.0	0.023	BB	0.021	309.60	0.040
77	8.607		0.0000	0.000	809.9	0.048	BB	0.027	496.13	0.064
78	8.695		0.0000	0.000	2552.3	0.150	BB	0.048	885.87	0.114
79	8.801		0.0000	0.000	301.5	0.018	BB	0.045	111.20	0.014
80	8.844		0.0000	0.000	556.0	0.033	BB	0.036	259.91	0.033
81	8.900		0.0000	0.000	902.1	0.053	BB	0.041	367.74	0.047
82	9.034		0.0000	0.000	68.2	0.004	BB	0.011	101.41	0.013
83	9.049		0.0000	0.000	364.3	0.021	BB	0.013	455.49	0.059
84	9.314		0.0000	0.000	91.1	0.005	BB	0.005	297.78	0.038
85	9.332		0.0000	0.000	360.1	0.021	BB	0.028	216.90	0.028
86	9.442		0.0000	0.000	134.0	0.008	BB	0.018	124.66	0.016
87	9.493		0.0000	0.000	586.3	0.034	BB	0.022	440.03	0.057
88	9.577		0.0000	0.000	1311.8	0.077	BB	0.045	488.91	0.063
89	9.753		0.0000	0.000	5129.2	0.301	BB	0.111	767.83	0.099
90	9.930		0.0000	0.000	38444.2	2.256	BB	0.059	10909.24	1.405

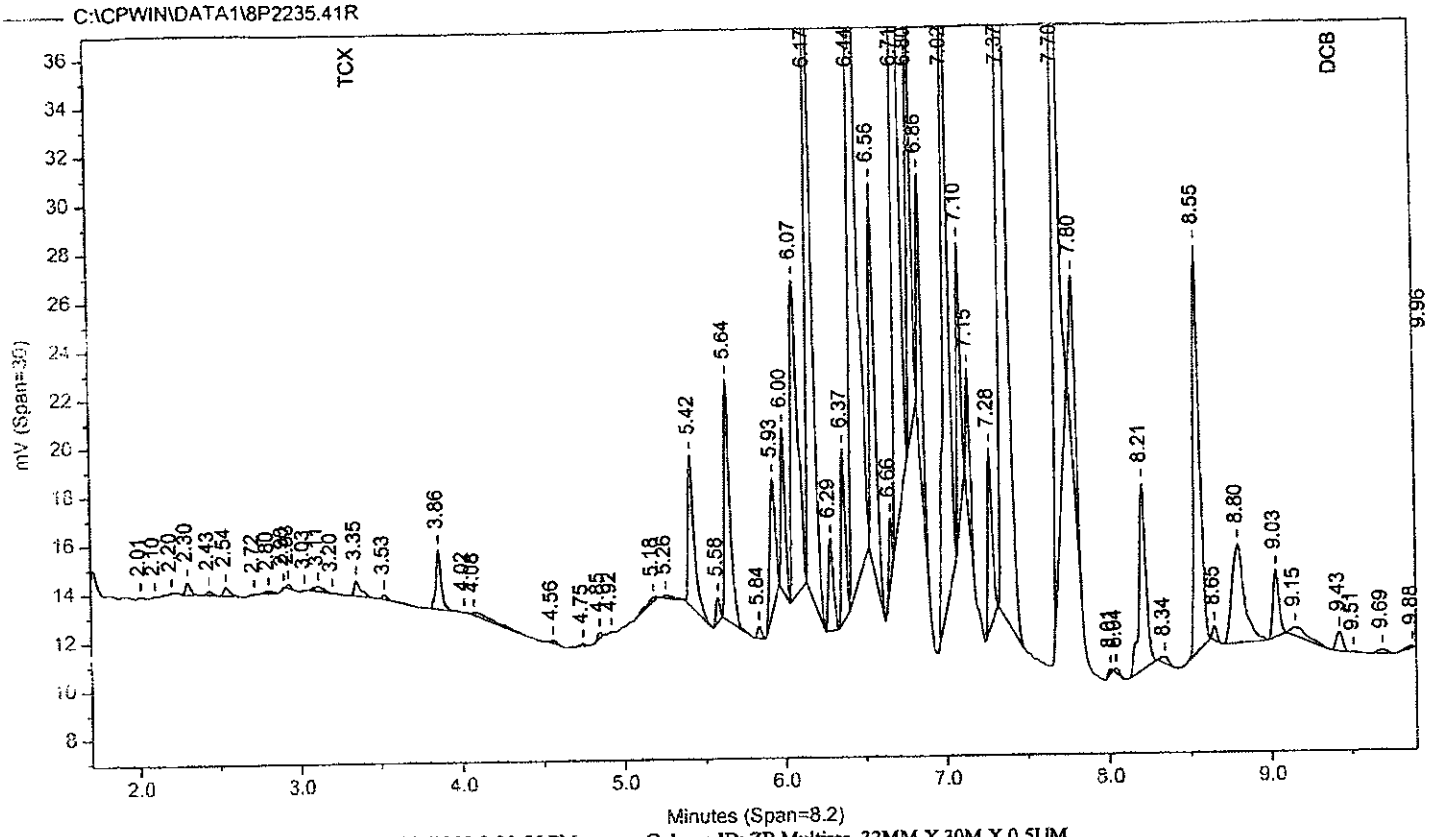
Total Area = 1704239.0, Total Amount = 763.214, Total Height = 776524.2, Sample Units = ug/l

ASX85 0493

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.41R

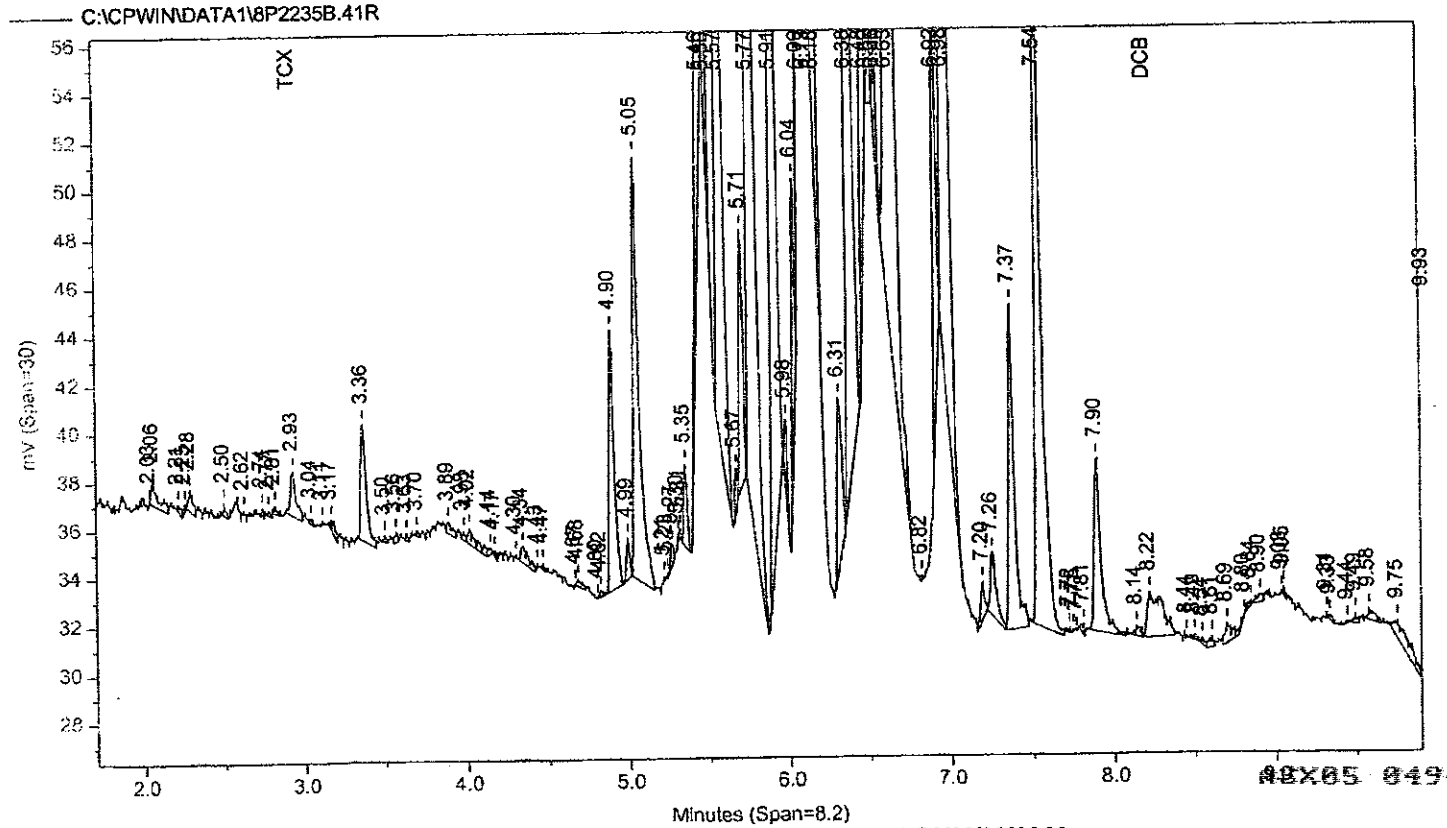
C:\CPWIN\DATA1\8P2235.41R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 8:00:56 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.41R

C:\CPWIN\DATA1\8P2235B.41R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 8:00:56 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: 30
Analyst: 2280

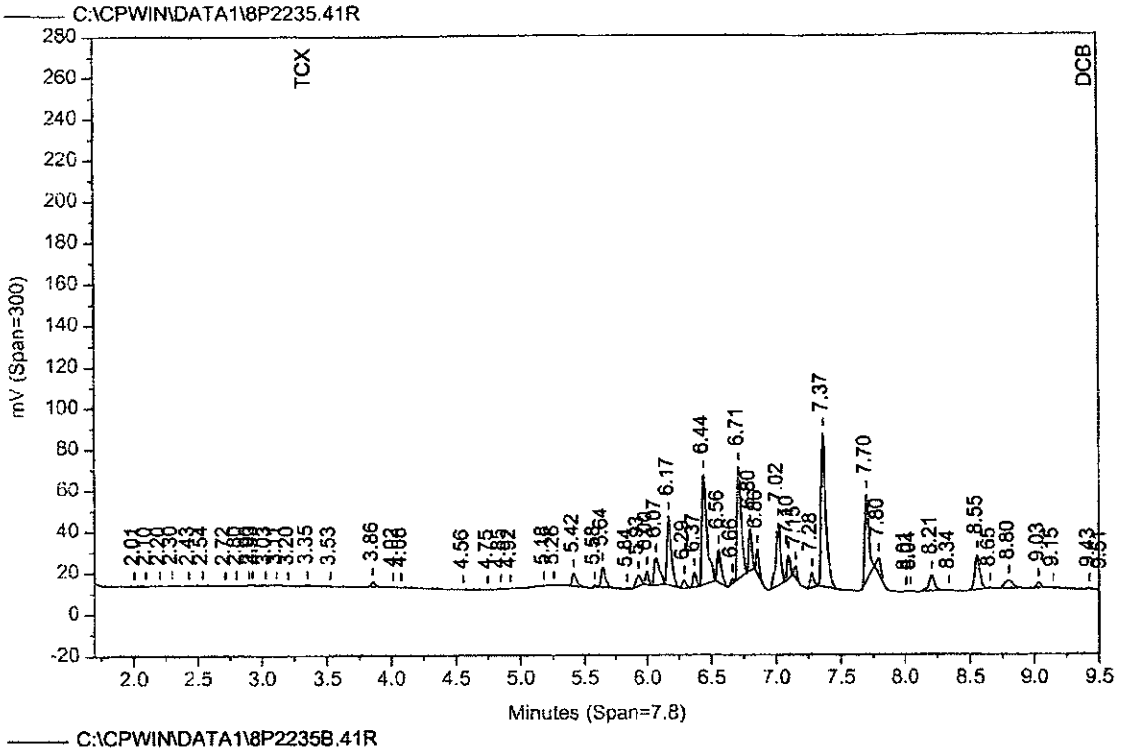
Dilution Factor: 1000

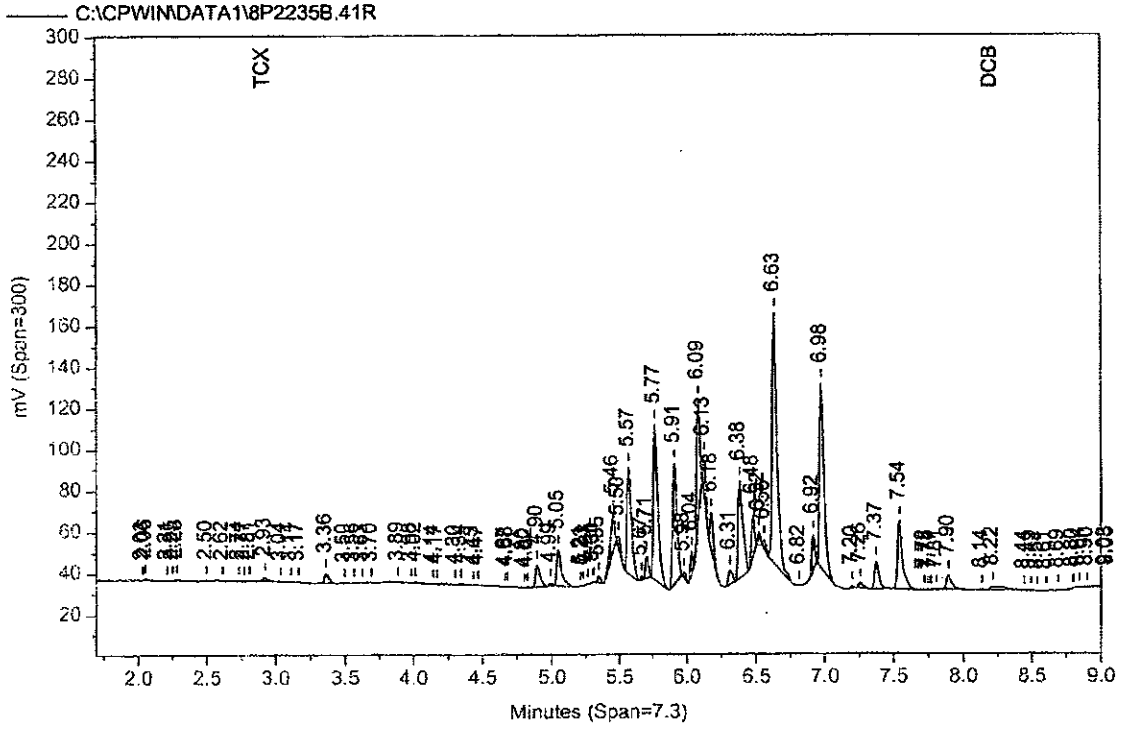
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	630	6.58936	TCX	2.926	1876	11.73569	TCX
9.426	793	11.56719	DCB	8.216	1891	13.70477	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.41A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 8:11:00 PM
File Reported On: 9/4/2008 at 8:11:05 PM

10X REPLOTS

ASX85 0495


C:\CPWIN\DATA1\8P2235.41R
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\8P2235B.41R
TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

Multiple Component Data Summary

Sample Name: 5454431 ACF DF100 AMS20 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on	Sep 04, 2008 20:15:21
Instrument	H2601A
Result file	8P2235.42R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX) 63.2% Conc: 6.300672
%SSR(DCB) 57.5% Conc: 5.75431

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.89**	
6.03	6.07	6.09	9211.091797	4370.17691			1
6.14	6.17	6.20	22880.99804	5331.045848			2
6.41	6.44	6.47	33150.29687	6604.755237			3
6.68	6.71	6.74	34265.80078	6293.624235			4
6.77	6.80	6.83	13504.4375	4477.185956			5
6.98	7.02	7.04	19001.97265	5780.233003			6

Height summation: **132014.597656**
Concentration CF: **5476.170198** L:

Analysis Report (B)

Injected on	Sep 04, 2008 20:15:21
Instrument	H2601B
Result file	8P2235B.42R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX) 95.4% Conc: 9.512913
%SSR(DCB) 87.7% Conc: 8.778178

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.80**	
5.43	5.46	5.49	13489.92578	4992.419098			1
5.54	5.57	5.60	37782.19140	5237.906296			2
5.74	5.77	5.80	50181.32031	5967.687844			3
6.06	6.08	6.12	38882.375	6881.637118			4
6.35	6.38	6.41	31009.99218	4852.438298			5
7.51	7.54	7.57	20106.67578	4360.611675			6

Height summation: **191452.480469**
Concentration CF: **5382.116722** 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	5476.170198	1700	330		1.73	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamuth Brijhart Date: 9-5-08

Verified By: [signature] Date: 9.8.08

ASX05 0497

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454431** ACF DF100 AMS20 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:15:21
Instrument : CP02--H2601A
Result file : 8P2235.42R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 63.2% Conc.: 6.300672
%SSR(DCB) : 57.5% Conc.: 5.75431

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	138.65	
4.55	4.56	4.61	131.150986	23.540109			3
5.38	5.42	5.44	4614.231934	2381.381738			6
Height Summation:			4745.382920				
Amount Avg CF:			1202.460924	Linear:			
Aroclor-1232					2	140.90	
4.55	4.56	4.61	131.150986	48.255417			3
E 5.38	5.42	5.44	4614.231934	25937.222788			6
Height Summation:			4745.382920				
Amount Avg CF:			12992.739103	Linear:			
Aroclor-1242					2	140.55	
4.55	4.56	4.61	131.150986	29.729341			3
E 5.38	5.42	5.44	4614.231934	9640.095966			6
Height Summation:			4745.382920				
Amount Avg CF:			4834.912654	Linear:			
Aroclor-1248					4	68.99	
4.55	4.56	4.61	131.150986	47.120408			1
5.62	5.64	5.68	6477.391113	2085.241909			4
5.96	6.00	6.02	4953.397949	3019.937392			5
6.26	6.29	6.32	2500.698975	2155.477671			6
Height Summation:			14062.639023				
Amount Avg CF:			1826.944345	Linear:			
Aroclor-1254					6	115.12	
4.82	4.85	4.88	266.830627	115.45022			1
5.61	5.64	5.67	6477.391113	1688.546085			2
5.96	6.00	6.02	4953.397949	902.077863			3
6.26	6.29	6.32	2500.698975	603.410045			4
6.52	6.56	6.58	10037.35156	3565.096164			5
6.68	6.71	6.74	34265.80078	7389.97695			6
Height Summation:			58501.471008				
Amount Avg CF:			2377.426221	Linear:			
Aroclor-1260					6	16.89	
6.03	6.07	6.09	9211.091797	4370.17691			1
6.14	6.17	6.20	22880.99804	5331.045848			2
6.41	6.44	6.47	33150.29687	6604.755237			3
6.68	6.71	6.74	34265.80078	6293.624235			4
6.77	6.80	6.83	13504.4375	4477.185956			5
6.98	7.02	7.04	19001.97265	5780.233003			6
Height Summation:			132014.597656				
Amount Avg CF:			5476.170198	Linear:			
Aroclor-1262					6	44.11	
6.03	6.07	6.09	9211.091797	3704.723786			1
6.13	6.17	6.19	22880.99804	5843.5842			2
6.40	6.44	6.46	33150.29687	7706.141955			3
6.67	6.71	6.73	34265.80078	8826.610115			4
6.76	6.80	6.82	13504.4375	2549.9277			5
6.98	7.02	7.04	19001.97265	4326.797964			6
Height Summation:			132014.597656				
Amount Avg CF:			5492.964287	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:15:21
Instrument : CP02--H2601B
Result file : 8P2235B.42R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 95.4% Conc.: 9.512913
%SSR(DCB) : 87.7% Conc.: 8.778178

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	71.08	
3.32	3.37	3.38	1522.884766	404.487889			1
+ 3.84	3.84	3.90	367.657745	86.343794			3
3.84	3.89	3.90	570.156799	133.900351			3
Height Summation:			2093.041565				
Amount Avg CF:			269.19412	Linear:			
Aroclor-1221					2	19.47	
3.14	3.20	3.20	463.589844	220.78861			1
3.32	3.37	3.38	1522.884766	291.271664			3
Height Summation:			1986.474610				
Amount Avg CF:			256.030137	Linear:			
Aroclor-1232					2	17.77	
3.32	3.37	3.38	1522.884766	351.470093			1
+ 3.83	3.84	3.89	367.657745	176.030712			3
3.83	3.89	3.89	570.156799	272.985157			3
Height Summation:			2093.041565				
Amount Avg CF:			312.227625	Linear:			
Aroclor-1242					2	69.47	
3.32	3.37	3.38	1522.884766	484.1933			1
+ 3.84	3.84	3.90	367.657745	106.525778			3
3.84	3.89	3.90	570.156799	165.198198			3
Height Summation:			2093.041565				
Amount Avg CF:			324.695749	Linear:			
Aroclor-1248					2	127.02	
4.52	4.54	4.58	547.24176	110.768177			3
4.87	4.90	4.93	8499.945313	2065.384495			5
Height Summation:			9047.187073				
Amount Avg CF:			1088.076336	Linear:			
Aroclor-1254					6	133.19	
+ 5.24	5.24	5.30	115.122368	40.469055			1
5.24	5.27	5.30	1296.225708	455.663221			1
5.32	5.35	5.38	2786.969727	545.796854			2
5.41	5.46	5.47	13489.92578	1452.182988			3
5.64	5.67	5.70	1397.778564	213.731335			4
5.94	5.98	6.00	2209.779053	582.197685			5
6.05	6.08	6.11	38882.375	5035.10437			6
Height Summation:			60063.053833				
Amount Avg CF:			1380.779409	Linear:			
Aroclor-1260					6	16.80	
5.43	5.46	5.49	13489.92578	4992.419098			1
5.54	5.57	5.60	37782.19140	5237.906296			2
5.74	5.77	5.80	50181.32031	5967.687844			3
6.06	6.08	6.12	38882.375	6881.637118			4
6.35	6.38	6.41	31009.99218	4852.438298			5
7.51	7.54	7.57	20106.67578	4360.611675			6
Height Summation:			191452.480469				
Amount Avg CF:			5382.116722	Linear:			

ASX05 0498

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:35:41

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454431** ACF DF100 AMS20 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:15:21
Instrument : CP02--H2601A
Result file : 8P2235.42R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**78.32**	
6.76	6.80	6.82	13504.4375	5706.989356			1
7.00	7.02	7.06	19001.97265	6620.527307			2
7.66	7.70	7.72	24910.33203	2221.078443			3
+ 8.01	8.01	8.07	90.078384	9.735265			4
8.01	8.05	8.07	252.51857	27.291067			4
8.51	8.56	8.57	9718.151367	2627.26303			6

Height Summation: **67387.412124**
Amount Avg CF: **3440.629841** Linear:

Analysis Report (B)

Injected on : SEP 04, 2008 20:15:21
Instrument : CP02--H2601B
Result file : 8P2235B.42R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**94.39**	
6.05	6.08	6.11	38882.375	12633.294725			1
6.14	6.18	6.20	12290.94433	4856.683269			2
6.44	6.48	6.50	13892.23632	3767.034376			3
6.88	6.92	6.94	11319.76855	1660.252849			4
7.34	7.37	7.40	7962.895996	2763.457963			5
7.86	7.90	7.92	3763.666992	1151.716016			6

Height Summation: **88111.887207**
Amount Avg CF: **4472.0732** Linear:

Aroclor-1268					**6**	**156.55**	
6.10	6.12	6.16	12590.11914	3091.756052			1
6.35	6.38	6.41	31009.99218	5985.308715			2
E 6.60	6.63	6.66	76158.88281	33746.163982			3
6.94	6.98	7.00	55336.94921	3266.356306			4
7.16	7.19	7.22	795.691956	46.255733			5
7.51	7.54	7.57	20106.67578	2539.014061			6

Height Summation: **195998.311098**
Amount Avg CF: **8112.475808** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 126.83	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 190.61	4	10	
Aroclor-1242			1700	330	E	** 174.83	4	30	
Aroclor-1248			1700	330		** 50.69	4	30	
Aroclor-1254			1700	330		** 53.04	4	40	
Aroclor-1260			1700	330		1.73	4	40	
Aroclor-1262			0	0		20.49	4	40	
Aroclor-1268			0	0		** 80.88	4	40	

Units: _____

ASX05 0499

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:35:41

Sample Name: **5454431ACF DF100 ACAMS20 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 08:25:21pm 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\8P2235.42R**
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	2.011		0.0000	0.000	168.0	0.023	BB	0.022	124.45	0.041
2	2.094		0.0000	0.000	1497.7	0.201	BB	0.035	705.90	0.231
3	2.165		0.0000	0.000	81.7	0.011	BB	0.030	46.06	0.015
4	2.205		0.0000	0.000	154.3	0.021	BB	0.038	67.45	0.022
5	2.302		0.0000	0.000	6224.0	0.836	BB	0.037	2804.71	0.919
6	2.435		0.0000	0.000	416.2	0.056	BB	0.044	159.37	0.052
7	2.539		0.0000	0.000	432.6	0.058	BB	0.048	151.67	0.050
8	2.717		0.0000	0.000	224.9	0.030	BB	0.058	64.47	0.021
9	2.798		0.0000	0.000	436.3	0.059	BB	0.055	132.65	0.043
10	2.930		0.0000	0.000	1063.5	0.143	BB	0.042	421.72	0.138
11	3.024		0.0000	0.000	201.6	0.027	BB	0.030	113.86	0.037
12	3.086		0.0000	0.000	665.0	0.089	BB	0.093	118.69	0.039
13	3.209		0.0000	0.000	66.1	0.009	BB	0.031	35.63	0.012
14	3.353	TCX	189.0202	52.266	1703.1	0.229	BB	0.047	602.73	0.198
15	3.529		0.0000	0.000	272.2	0.037	BB	0.041	109.38	0.036
16	3.863		0.0000	0.000	1760.9	0.236	BB	0.041	719.04	0.236
17	4.022		0.0000	0.000	102.7	0.014	BB	0.027	64.49	0.021
18	4.085		0.0000	0.000	3432.3	0.461	BB	0.445	128.53	0.042
19	4.564		0.0000	0.000	403.7	0.054	BB	0.051	131.15	0.043
20	4.855		0.0000	0.000	626.6	0.084	BB	0.039	266.83	0.087
21	4.924		0.0000	0.000	81.6	0.011	BB	0.026	52.20	0.017
22	5.273		0.0000	0.000	8872.2	1.191	BB	0.253	584.58	0.192
23	5.416		0.0000	0.000	12539.3	1.684	BB	0.045	4614.23	1.512
24	5.583		0.0000	0.000	1306.6	0.175	BB	0.027	799.87	0.262
25	5.645		0.0000	0.000	15426.2	2.071	BB	0.040	6477.39	2.123
26	5.841		0.0000	0.000	885.9	0.119	BB	0.030	493.61	0.162
27	5.931		0.0000	0.000	9318.8	1.251	BB	0.041	3812.01	1.249
28	5.997		0.0000	0.000	8703.3	1.169	BB	0.029	4953.40	1.623
29	6.069		0.0000	0.000	28125.6	3.777	BB	0.051	9211.09	3.019
30	6.171		0.0000	0.000	52493.8	7.049	BB	0.038	22881.00	7.499
31	6.290		0.0000	0.000	5333.4	0.716	BB	0.036	2500.70	0.820
32	6.371		0.0000	0.000	9434.6	1.267	BB	0.032	4977.95	1.631
33	6.445		0.0000	0.000	93890.6	12.607	BB	0.047	33150.30	10.864
34	6.561		0.0000	0.000	22253.2	2.988	BB	0.037	10037.35	3.290
35	6.664		0.0000	0.000	2269.5	0.305	BB	0.023	1613.33	0.529
36	6.712		0.0000	0.000	75844.3	10.184	BB	0.037	34265.80	11.230
37	6.801		0.0000	0.000	23359.0	3.137	BB	0.029	13504.44	4.426
38	6.857		0.0000	0.000	12666.0	1.701	BB	0.029	7359.27	2.412
39	7.018		0.0000	0.000	49820.0	6.690	BB	0.044	19001.97	6.228
40	7.102		0.0000	0.000	12171.2	1.634	BB	0.029	6971.92	2.285
41	7.154		0.0000	0.000	5530.5	0.743	BB	0.025	3628.90	1.189
42	7.282		0.0000	0.000	8886.3	1.193	BB	0.034	4387.48	1.438
43	7.368		0.0000	0.000	112775.4	15.143	BB	0.041	45576.20	14.937
44	7.703		0.0000	0.000	53753.0	7.218	BB	0.036	24910.33	8.164
45	7.797		0.0000	0.000	10530.8	1.414	BB	0.038	4627.88	1.517
46	8.011		0.0000	0.000	104.2	0.014	BB	0.019	90.08	0.030
47	8.049		0.0000	0.000	482.6	0.065	BB	0.032	252.52	0.083
48	8.214		0.0000	0.000	18643.6	2.503	BB	0.065	4783.72	1.568
49	8.558		0.0000	0.000	25325.5	3.401	BB	0.043	9718.15	3.185
50	8.658		0.0000	0.000	832.4	0.112	BB	0.033	425.24	0.139
51	8.783		0.0000	0.000	250.5	0.034	BB	0.059	71.30	0.023
52	8.892		0.0000	0.000	979.2	0.131	BB	0.069	234.95	0.077
53	9.039		0.0000	0.000	6189.0	0.831	BB	0.055	1866.39	0.612
54	9.186		0.0000	0.000	693.9	0.093	BB	0.074	156.54	0.051
55	9.350		0.0000	0.000	93.8	0.013	BB	0.048	32.92	0.011
56	9.427	DCB	172.6293	47.734	927.9	0.125	BB	0.039	394.68	0.129
57	9.520		0.0000	0.000	1778.7	0.239	BB	0.076	389.30	0.128
58	9.820		0.0000	0.000	21.9	0.003	BB	0.021	17.49	0.006
59	9.887		0.0000	0.000	70.9	0.010	BB	0.036	32.47	0.011
60	9.925		0.0000	0.000	32123.7	4.314	BB	0.058	9297.61	3.047

Total Area = 744722.8, Total Amount = 361.649, Total Height = 305125.4, Sample Units = ug/l

Sample Name: **5454431ACF DF100 ACAMS20 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 08:25:21pm 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\8P2235B.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	2.061		0.0000	0.000	15763.2	1.374	BB	0.049	5414.22	1.030
2	2.264		0.0000	0.000	233.8	0.020	BB	0.019	210.51	0.040
3	2.397		0.0000	0.000	2282.8	0.199	BB	0.072	525.38	0.100
4	2.573		0.0000	0.000	2325.0	0.203	BB	0.040	975.93	0.186
5	2.643		0.0000	0.000	2225.2	0.194	BB	0.087	424.13	0.081
6	2.830		0.0000	0.000	414.8	0.036	BB	0.021	325.41	0.062
7	2.895		0.0000	0.000	179.8	0.016	BB	0.035	86.67	0.016
8	2.924	TCX	285.3874	52.008	3457.3	0.301	BB	0.038	1520.35	0.289
9	3.117		0.0000	0.000	586.7	0.051	BB	0.026	378.26	0.072
10	3.200		0.0000	0.000	1048.4	0.091	BB	0.038	463.59	0.088
11	3.372		0.0000	0.000	4027.9	0.351	BB	0.044	1522.88	0.290
13	3.543		0.0000	0.000	385.3	0.034	BB	0.021	300.45	0.057
14	3.721		0.0000	0.000	782.2	0.068	BB	0.028	461.01	0.088
15	3.789		0.0000	0.000	141.2	0.012	BB	0.008	305.78	0.058
16	3.838		0.0000	0.000	728.7	0.064	BB	0.033	367.66	0.070
17	3.890		0.0000	0.000	648.4	0.057	BB	0.019	570.16	0.108
18	3.942		0.0000	0.000	496.7	0.043	BB	0.016	503.05	0.096
19	4.030		0.0000	0.000	1434.8	0.125	BB	0.031	763.80	0.145
20	4.207		0.0000	0.000	2794.2	0.244	BB	0.060	772.18	0.147
21	4.341		0.0000	0.000	1774.0	0.155	BB	0.034	882.19	0.168
22	4.440		0.0000	0.000	722.9	0.063	BB	0.033	364.91	0.069
23	4.540		0.0000	0.000	718.1	0.063	BB	0.022	547.24	0.104
24	4.590		0.0000	0.000	377.2	0.033	BB	0.019	339.68	0.065
25	4.789		0.0000	0.000	325.9	0.028	BB	0.022	247.62	0.047
26	4.840		0.0000	0.000	1040.2	0.091	BB	0.037	464.10	0.088
27	4.897		0.0000	0.000	19730.3	1.720	BB	0.039	8499.95	1.616
28	4.995		0.0000	0.000	2047.6	0.178	BB	0.026	1329.84	0.253
29	5.050		0.0000	0.000	28806.1	2.511	BB	0.041	11634.58	2.212
30	5.209		0.0000	0.000	181.0	0.016	BB	0.011	285.40	0.054
31	5.240		0.0000	0.000	342.7	0.030	BB	0.050	115.12	0.022
32	5.269		0.0000	0.000	2525.1	0.220	BB	0.032	1296.23	0.246
33	5.348		0.0000	0.000	4596.9	0.401	BB	0.027	2786.97	0.530
34	5.456		0.0000	0.000	30509.0	2.659	BB	0.038	13489.93	2.565
35	5.493		0.0000	0.000	4110.6	0.358	BB	0.024	2910.02	0.553
36	5.574		0.0000	0.000	85134.2	7.420	BB	0.038	37782.19	7.184
37	5.668		0.0000	0.000	1290.6	0.112	BB	0.015	1397.78	0.266
38	5.705		0.0000	0.000	12142.2	1.058	BB	0.027	7458.55	1.418
39	5.767		0.0000	0.000	116475.8	10.152	BB	0.039	50181.32	9.542
40	5.909		0.0000	0.000	89260.6	7.780	BB	0.037	40592.74	7.719
41	5.977		0.0000	0.000	2908.4	0.253	BB	0.022	2209.78	0.420
42	6.036		0.0000	0.000	10310.5	0.899	BB	0.024	7188.06	1.367
43	6.085		0.0000	0.000	62684.1	5.463	BB	0.027	38882.38	7.394
44	6.124		0.0000	0.000	17169.2	1.496	BB	0.023	12590.12	2.394
45	6.179		0.0000	0.000	18944.6	1.651	BB	0.026	12290.94	2.337
46	6.311		0.0000	0.000	9261.3	0.807	BB	0.036	4288.19	0.815
47	6.381		0.0000	0.000	76092.3	6.632	BB	0.041	31009.99	5.897
48	6.477		0.0000	0.000	22270.4	1.941	BB	0.027	13892.24	2.642
49	6.521		0.0000	0.000	4614.6	0.402	BB	0.018	4191.72	0.797
50	6.555		0.0000	0.000	3006.5	0.262	BB	0.021	2394.11	0.455
51	6.631		0.0000	0.000	182331.5	15.892	BB	0.040	76158.88	14.482
52	6.834		0.0000	0.000	205.8	0.018	BB	0.019	185.02	0.035
53	6.856		0.0000	0.000	129.4	0.011	BB	0.005	435.91	0.083
54	6.917		0.0000	0.000	18264.3	1.592	BB	0.027	11319.77	2.152
55	6.976		0.0000	0.000	126418.0	11.018	BB	0.038	55336.95	10.523
56	7.190		0.0000	0.000	1297.9	0.113	BB	0.027	795.69	0.151
57	7.253		0.0000	0.000	3499.4	0.305	BB	0.038	1542.62	0.293
58	7.373		0.0000	0.000	18195.7	1.586	BB	0.038	7962.90	1.514
59	7.543		0.0000	0.000	54230.6	4.727	BB	0.045	20106.68	3.823
60	7.740		0.0000	0.000	1548.6	0.135	BB	0.035	740.02	0.141
61	7.829		0.0000	0.000	1791.3	0.156	BB	0.036	837.37	0.159
62	7.900		0.0000	0.000	8781.3	0.765	BB	0.039	3763.67	0.716
63	8.030		0.0000	0.000	216.3	0.019	BB	0.018	204.92	0.039

ASX05 0501

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
64	8.090		0.0000	0.000	727.0	0.063	BB	0.025	482.87	0.092
65	8.130		0.0000	0.000	471.0	0.041	BB	0.019	407.31	0.077
66	8.179		0.0000	0.000	76.7	0.007	BB	0.004	311.93	0.059
67	8.223 DCB		263.3453	47.992	2930.2	0.255	BB	0.040	1211.20	0.230
68	8.379		0.0000	0.000	240.7	0.021	BB	0.022	185.56	0.035
69	8.444		0.0000	0.000	577.7	0.050	BB	0.024	395.08	0.075
70	8.479		0.0000	0.000	186.6	0.016	BB	0.021	146.12	0.028
71	8.620		0.0000	0.000	2018.3	0.176	BB	0.092	366.00	0.070
72	8.727		0.0000	0.000	378.1	0.033	BB	0.030	213.17	0.041
73	8.777		0.0000	0.000	192.0	0.017	BB	0.016	196.88	0.037
74	8.796		0.0000	0.000	9.9	0.001	BB	0.001	225.60	0.043
75	8.840		0.0000	0.000	497.4	0.043	BB	0.025	337.56	0.064
76	8.927		0.0000	0.000	126.5	0.011	BB	0.014	155.11	0.029
77	8.974		0.0000	0.000	718.1	0.063	BB	0.035	342.75	0.065
78	9.126		0.0000	0.000	1610.1	0.140	BB	0.044	608.67	0.116
79	9.326		0.0000	0.000	842.0	0.073	BB	0.029	478.09	0.091
80	9.590		0.0000	0.000	2011.2	0.175	BB	0.051	660.55	0.126
81	9.624		0.0000	0.000	190.3	0.017	BB	0.015	205.50	0.039
82	9.677		0.0000	0.000	9500.7	0.828	BB	0.258	613.71	0.117
83	9.924		0.0000	0.000	37789.4	3.294	BB	0.055	11521.18	2.191

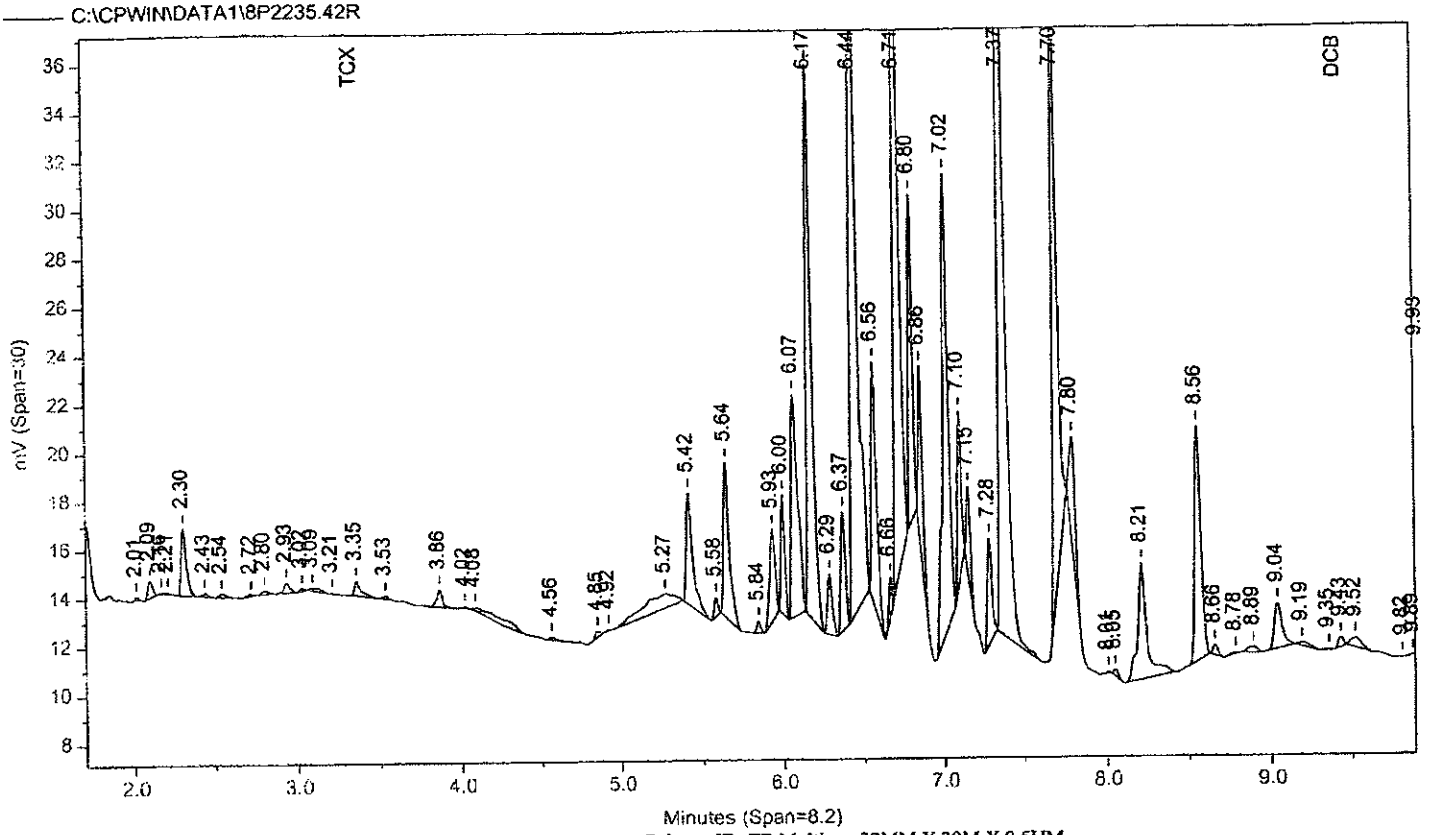
Total Area = 1147334.0, Total Amount = 548.733, Total Height = 525890.6, Sample Units = ug/l

ASX85 0502

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.42R

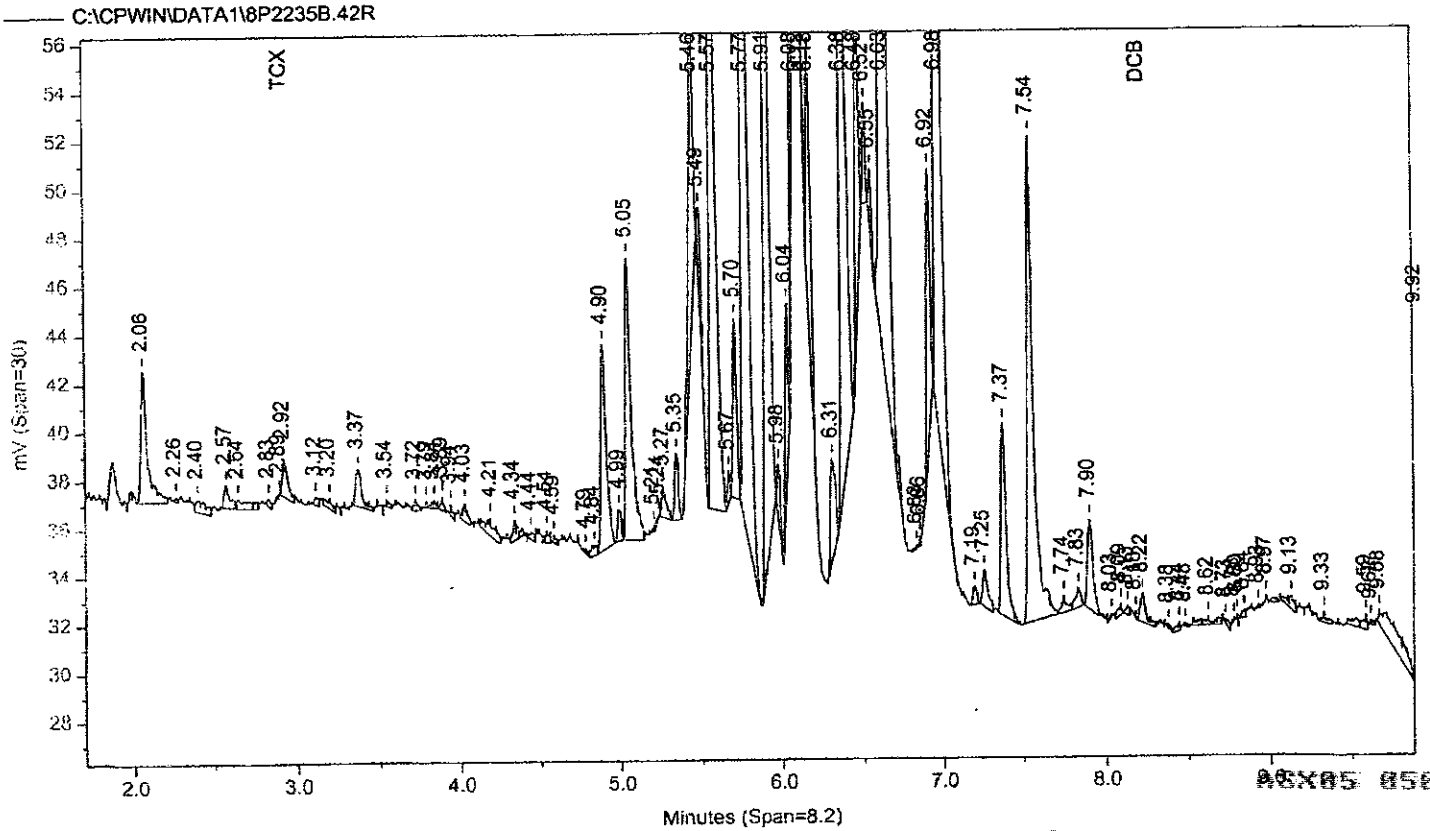
C:\CPWIN\DATA1\8P2235.42R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 8:15:21 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.42R

C:\CPWIN\DATA1\8P2235B.42R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 8:15:21 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

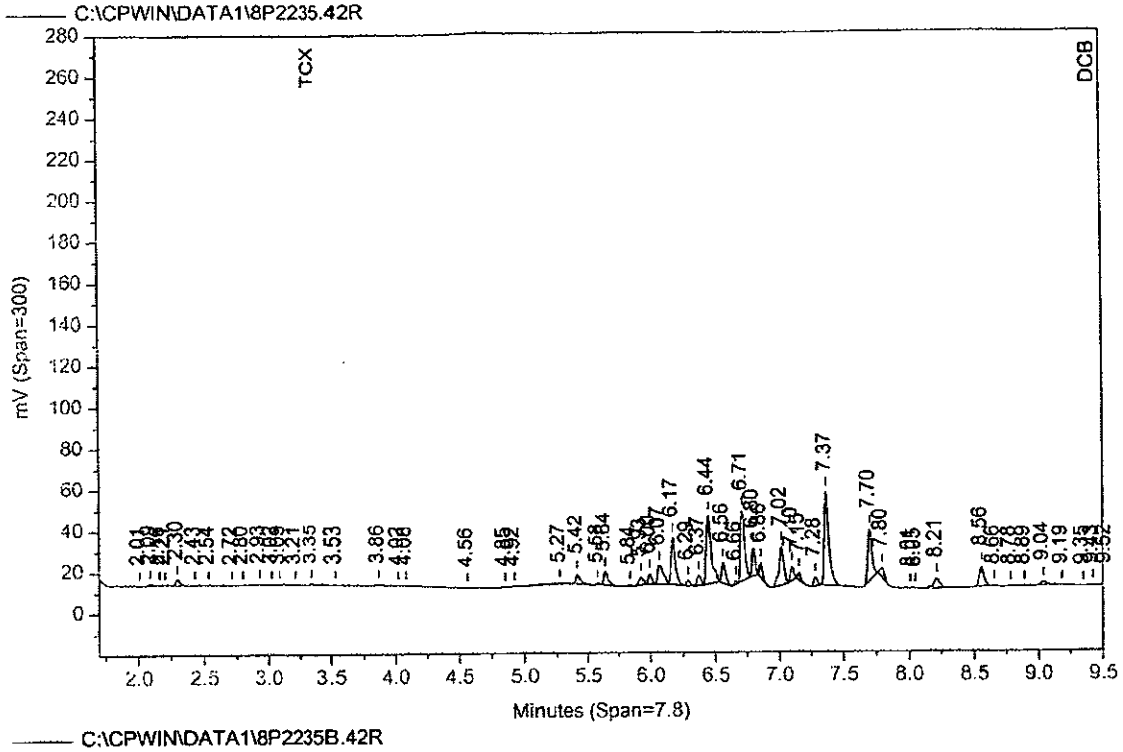
Dilution Factor: 1000

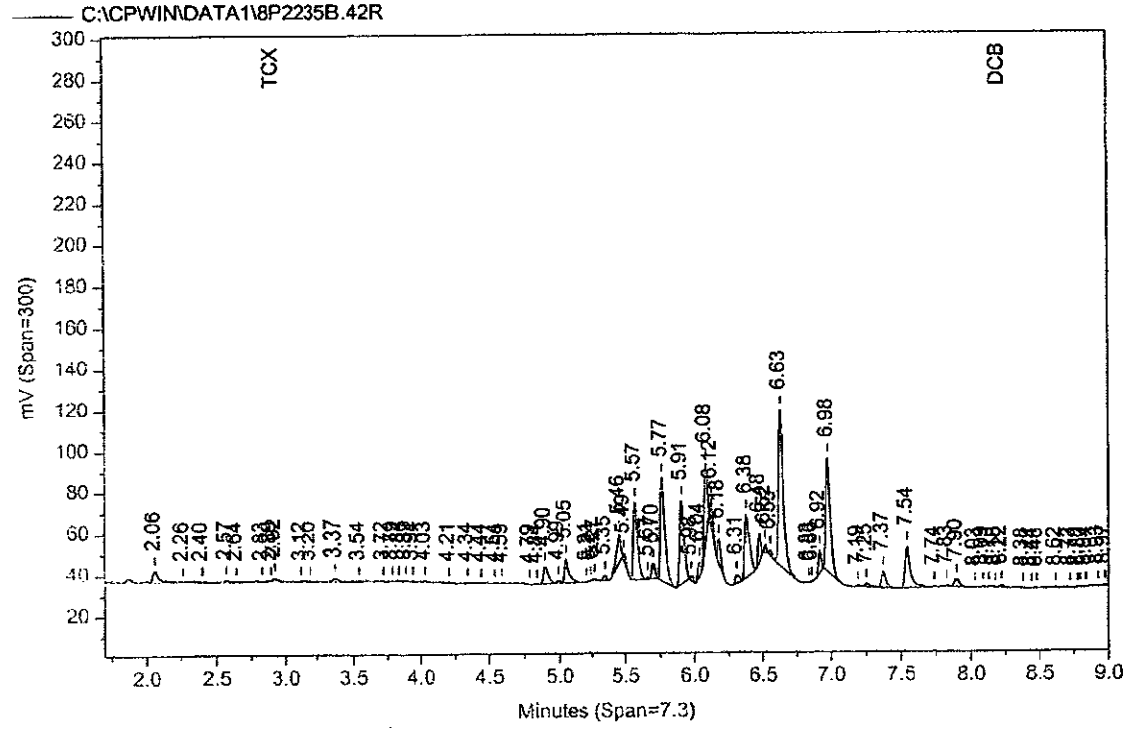
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	603	6.30067	TCX	2.924	1520	9.51291	TCX
9.427	395	5.75431	DCB	8.223	1211	8.77818	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.42A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 8:25:26 PM
File Reported On: 9/4/2008 at 8:25:32 PM

10X REPLOTS

ASX05: 0504


C:\CPWIN\DATA1\8P2235.42R
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\8P2235B.42R
TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

ASX95 8585

Multiple Component Data Summary

Sample Name: 5454432 ACF DF10 AMS21 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 20:29:45
Instrument H2601A
Result file 8P2235.43R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 84.4% Conc: 8.420415
%SSR(DCB) 128.4% Conc: 12.85962

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**32.57**	
6.03	6.06	6.09	16611.32031:	788.119477			1
6.14	6.17	6.20	51995.73437!	1211.449095			2
6.41	6.44	6.47	92456.21875	1842.067048			3
6.68	6.71	6.74	109084.4375	2003.561697			4
6.77	6.80	6.83	34404.48828	1140.627233			5
6.98	7.01	7.04	55603.32812!	1691.404351			6

Height summation: **360155.527344**
Concentration CF: **1446.204817** L:

Analysis Report (B)

Injected on Sep 04, 2008 20:29:45
Instrument H2601B
Result file 8P2235B.43R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 103.7% Conc: 10.34247
%SSR(DCB) 135.9% Conc: 13.60802

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**27.76**	
5.43	5.44	5.49	64215.76171!	2376.528977			1
5.54	5.57	5.60	88712.79687!	1229.86333			2
5.74	5.76	5.80	134734.8437!	1602.300386			3
6.06	6.08	6.12	114255.25	2022.15829			4
6.35	6.38	6.41	80851.11718!	1265.156905			5
7.51	7.54	7.57	65034.82031:	1410.435021			6

Height summation: **547804.589845**
Concentration CF: **1651.073818** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<170	<33			4	15	
Aroclor-1221			<170	<52			3	5	
Aroclor-1232			<170	<33			4	10	
Aroclor-1242			<170	<33			4	30	
Aroclor-1248			<170	<33			4	30	
Aroclor-1254			<170	<33			4	40	
Aroclor-1260	B	1651.073818	170	33		13.23	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamuth Bri Uhart Date: 9-5-08
Verified By: [signature] Date: 9.8.08

ASX05-0506

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454432** ACF DF10 AMS21 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:29:45
Instrument : CP02--H2601A
Result file : 8P2235.43R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 84.4% Conc.: 8.420415
%SSR(DCB) : 128.4% Conc.: 12.859624

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**189.21**	
3.73	3.75	3.79	64.226051	3.169009			1
4.55	4.58	4.61	604.01062	10.841303			3
4.71	4.73	4.77	385.4422	16.824778			4
5.14	5.17	5.20	971.66272	53.898259			5
5.38	5.41	5.44	11491.50878	593.07095			6
Height Summation:			**13516.850380**				
Amount Avg CF:			**135.56086**	Linear:			
Aroclor-1221					**2**	**88.61**	
3.65	3.66	3.71	81.757095	9.72257			2
3.72	3.75	3.78	64.226051	2.232397			3
Height Summation:			**145.983146**				
Amount Avg CF:			**5.977484**	Linear:			
Aroclor-1232					**5**	**216.21**	
3.72	3.75	3.78	64.226051	2.700389			1
4.55	4.58	4.61	604.01062	22.223839			3
4.70	4.73	4.76	385.4422	36.217261			4
5.13	5.17	5.19	971.66272	114.914874			5
E 5.38	5.41	5.44	11491.50878	6459.532765			6
Height Summation:			**13516.850380**				
Amount Avg CF:			**1327.117826**	Linear:			
Aroclor-1242					**5**	**212.02**	
3.73	3.75	3.79	64.226051	3.791496			1
4.55	4.58	4.61	604.01062	13.691729			3
4.71	4.73	4.77	385.4422	21.508451			4
5.14	5.17	5.20	971.66272	65.293332			5
E 5.38	5.41	5.44	11491.50878	2400.816628			6
Height Summation:			**13516.850380**				
Amount Avg CF:			**501.020327**	Linear:			
Aroclor-1248					**5**	**105.85**	
4.55	4.58	4.61	604.01062	21.701116			1
5.01	5.03	5.07	984.303528	32.883711			2
5.62	5.64	5.68	18528.93554	596.494982			4
5.96	5.99	6.02	27824.33593	1696.365876			5
6.26	6.29	6.32	21993.95312	1895.768956			6
Height Summation:			**69935.538758**				
Amount Avg CF:			**848.642928**	Linear:			
Aroclor-1254					**6**	**95.05**	
4.82	4.84	4.88	1131.489868	48.956432			1
5.61	5.64	5.67	18528.93554	483.017947			2
5.96	5.99	6.02	27824.33593	506.717162			3
6.26	6.29	6.32	21993.95312	530.70651			4
6.52	6.55	6.58	38936.39062	1382.954218			5
6.68	6.71	6.74	109084.4375	2352.583218			6
Height Summation:			**217499.542603**				
Amount Avg CF:			**884.155915**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:29:45
Instrument : CP02--H2601B
Result file : 8P2235B.43R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 103.7% Conc.: 10.342473
%SSR(DCB) : 135.9% Conc.: 13.60802

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**103.16**	
3.32	3.33	3.38	187.765137	4.987162			1
+ 3.65	3.67	3.71	108.967659	1.930767			2
3.65	3.68	3.71	282.406525	5.003881			2
3.84	3.86	3.90	815.509949	19.152112			3
4.08	4.11	4.14	1280.993286	13.431801			4
4.66	4.68	4.72	1661.165527	52.315099			6
Height Summation:			**4227.840424**				
Amount Avg CF:			**18.978011**	Linear:			
Aroclor-1221					**3**	**107.18**	
3.14	3.17	3.20	1514.047241	72.107789			1
3.23	3.25	3.29	348.122528	23.1042			2
3.32	3.33	3.38	187.765137	3.591254			3
Height Summation:			**2049.934906**				
Amount Avg CF:			**32.934414**	Linear:			
Aroclor-1232					**6**	**127.88**	
3.32	3.33	3.38	187.765137	4.333475			1
+ 3.65	3.67	3.71	108.967659	3.63753			2
3.65	3.68	3.71	282.406525	9.42722			2
3.83	3.86	3.89	815.509949	39.04577			3
4.07	4.11	4.13	1280.993286	25.928939			4
4.34	4.35	4.40	2822.905518	237.079493			5
4.65	4.68	4.71	1661.165527	103.35452			6
Height Summation:			**7050.745942**				
Amount Avg CF:			**69.86157**	Linear:			
Aroclor-1242					**5**	**109.08**	
3.32	3.33	3.38	187.765137	5.969895			1
+ 3.65	3.67	3.71	108.967659	2.438246			2
3.65	3.68	3.71	282.406525	6.319092			2
3.84	3.86	3.90	815.509949	23.628724			3
4.08	4.11	4.14	1280.993286	17.012202			4
4.66	4.68	4.72	1661.165527	71.688483			6
Height Summation:			**4227.840424**				
Amount Avg CF:			**24.923679**	Linear:			
Aroclor-1248					**4**	**97.35**	
4.52	4.54	4.58	2769.405518	56.056029			3
4.66	4.68	4.72	1661.165527	47.237991			4
4.87	4.89	4.93	22310.82617	542.126246			5
5.07	5.09	5.13	8248.607422	337.300966			6
Height Summation:			**34990.004639**				
Amount Avg CF:			**245.680308**	Linear:			
Aroclor-1254					**6**	**74.67**	
5.24	5.26	5.30	8236.852539	289.550712			1
5.32	5.35	5.38	16144.01562	316.162492			2
5.41	5.44	5.47	64215.76171	691.279094			3
5.64	5.67	5.70	19911.32617	304.459836			4
5.94	5.97	6.00	22514.83398	593.185287			5
6.05	6.08	6.11	114255.25	1479.557534			6
Height Summation:			**245278.040039**				
Amount Avg CF:			**612.365826**	Linear:			

ASX05 0507

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:36:22

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454432** ACF DF10 AMS21 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:29:45
Instrument : CP02--H2601A
Result file : 8P2235.43R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	32.57	
6.03	6.06	6.09	16611.32031	788.119477			1
6.14	6.17	6.20	51995.73437	1211.449095			2
6.41	6.44	6.47	92456.21875	1842.067048			3
6.68	6.71	6.74	109084.4375	2003.561697			4
6.77	6.80	6.83	34404.48828	1140.627233			5
6.98	7.01	7.04	55603.32812	1691.404351			6
Height Summation:			**360155.527344**				
Amount Avg CF:			**1446.204817**	Linear:			
Aroclor-1262					6	57.66	
6.03	6.06	6.09	16611.32031	668.11139			1
6.13	6.17	6.19	51995.73437	1327.920448			2
6.40	6.44	6.46	92456.21875	2149.243939			3
E 6.67	6.71	6.73	109084.4375	2809.932287			4
6.76	6.80	6.82	34404.48828	649.630595			5
6.98	7.01	7.04	55603.32812	1266.102058			6
Height Summation:			**360155.527344**				
Amount Avg CF:			**1478.49012**	Linear:			
Aroclor-1268					6	92.38	
6.76	6.80	6.82	34404.48828	1453.937259			1
7.00	7.01	7.06	55603.32812	1937.29019			2
7.66	7.70	7.72	75108.4375	669.688911			3
8.01	8.04	8.07	940.809937	10.167849			4
8.14	8.16	8.20	640.775208	27.478179			5
8.51	8.55	8.57	33311.03125	900.550296			6
Height Summation:			**200008.870301**				
Amount Avg CF:			**833.185447**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:29:45
Instrument : CP02--H2601B
Result file : 8P2235B.43R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	27.76	
5.43	5.44	5.49	64215.76171	2376.528977			1
5.54	5.57	5.60	88712.79687	1229.86333			2
5.74	5.76	5.80	134734.8437	1602.300386			3
6.06	6.08	6.12	114255.25	2022.15829			4
6.35	6.38	6.41	80851.11718	1265.156905			5
7.51	7.54	7.57	65034.82031	1410.435021			6
Height Summation:			**547804.589845**				
Amount Avg CF:			**1651.073818**	Linear:			
Aroclor-1262					6	94.85	
E 6.05	6.08	6.11	114255.25	3712.27387			1
6.14	6.17	6.20	27186.37890	1074.251318			2
6.44	6.48	6.50	35575.09375	964.65823			3
6.88	6.92	6.94	35340.36718	518.331669			4
7.34	7.37	7.40	25779.23828	894.647391			5
7.86	7.90	7.92	16856.25390	515.816559			6
Height Summation:			**254992.582031**				
Amount Avg CF:			**1279.996506**	Linear:			
Aroclor-1268					6	162.26	
6.10	6.12	6.16	22775.07031	559.287491			1
6.35	6.38	6.41	80851.11718	1560.525696			2
E 6.60	6.63	6.66	220649.9375	9777.045958			3
6.94	6.98	7.00	163245.875	963.586176			4
7.16	7.19	7.22	3459.95874	20.113679			5
7.51	7.54	7.57	65034.82031	821.241288			6
Height Summation:			**556016.779054**				
Amount Avg CF:			**2283.633381**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			170	33		** 150.88	4	15	
Aroclor-1221			170	52		** 138.55	3	5	
Aroclor-1232			170	33	E	** 180.00	4	10	
Aroclor-1242			170	33	E	** 181.04	4	30	
Aroclor-1248			170	33		** 110.20	4	30	
Aroclor-1254			170	33		36.32	4	40	
Aroclor-1260			170	33		13.23	4	40	
Aroclor-1262			0	0	E	14.39	4	40	
Aroclor-1268			0	0		** 93.07	4	40	

Units: _____

ASX05 9588

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:36:22

Sample Name: **5454432ACF DF10 ACAMS21 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 08:39:45pm 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\8P2235.43R**
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	2.047		0.0000	0.000	103.4	0.005	BB	0.019	89.06	0.010
2	2.094		0.0000	0.000	1143.8	0.053	BB	0.035	544.72	0.060
3	2.161		0.0000	0.000	34.0	0.002	BB	0.020	28.69	0.003
4	2.205		0.0000	0.000	2387.3	0.110	BB	0.035	1130.92	0.124
5	2.300		0.0000	0.000	5303.2	0.244	BB	0.037	2377.13	0.260
6	2.402		0.0000	0.000	6275.2	0.289	BB	0.045	2308.51	0.252
7	2.539		0.0000	0.000	2270.3	0.105	BB	0.043	886.16	0.097
8	2.632		0.0000	0.000	139.4	0.006	BB	0.033	71.12	0.008
9	2.707		0.0000	0.000	247.0	0.011	BB	0.047	87.38	0.010
10	2.816		0.0000	0.000	318.2	0.015	BB	0.051	104.37	0.011
11	2.926		0.0000	0.000	3412.7	0.157	BB	0.043	1337.17	0.146
12	3.014		0.0000	0.000	54.9	0.003	BB	0.020	45.78	0.005
13	3.049		0.0000	0.000	25.5	0.001	BB	0.016	27.19	0.003
14	3.103		0.0000	0.000	67.1	0.003	BB	0.033	34.06	0.004
15	3.151		0.0000	0.000	1743.4	0.080	BB	0.034	859.98	0.094
16	3.350	TCX	252.6124	39.570	17171.0	0.792	BB	0.036	8055.11	0.880
17	3.524		0.0000	0.000	1433.6	0.066	BB	0.034	696.17	0.076
18	3.659		0.0000	0.000	166.9	0.008	BB	0.034	81.76	0.009
19	3.751		0.0000	0.000	155.9	0.007	BB	0.040	64.23	0.007
20	3.837		0.0000	0.000	11464.3	0.529	BB	0.042	4596.69	0.502
21	3.977		0.0000	0.000	66.8	0.003	BB	0.030	36.87	0.004
22	4.027		0.0000	0.000	81.6	0.004	BB	0.027	51.19	0.006
23	4.104		0.0000	0.000	2047.2	0.094	BB	0.189	180.82	0.020
24	4.524		0.0000	0.000	47.3	0.002	BB	0.017	45.06	0.005
25	4.577		0.0000	0.000	1500.4	0.069	BB	0.041	604.01	0.066
26	4.637		0.0000	0.000	151.3	0.007	BB	0.024	103.22	0.011
27	4.734		0.0000	0.000	925.2	0.043	BB	0.040	385.44	0.042
28	4.844		0.0000	0.000	1801.4	0.083	BB	0.027	1131.49	0.124
29	4.880		0.0000	0.000	325.7	0.015	BB	0.023	240.22	0.026
30	5.035		0.0000	0.000	2464.8	0.114	BB	0.042	984.30	0.108
31	5.123		0.0000	0.000	159.2	0.007	BB	0.032	83.53	0.009
32	5.170		0.0000	0.000	2445.1	0.113	BB	0.042	971.66	0.106
33	5.261		0.0000	0.000	206.6	0.010	BB	0.030	115.03	0.013
34	5.316		0.0000	0.000	63.3	0.003	BB	0.016	64.75	0.007
35	5.358		0.0000	0.000	211.3	0.010	BB	0.023	154.96	0.017
36	5.411		0.0000	0.000	44011.0	2.029	BB	0.064	11491.51	1.256
37	5.579		0.0000	0.000	3758.0	0.173	BB	0.026	2430.62	0.266
38	5.639		0.0000	0.000	32773.1	1.511	BB	0.029	18528.94	2.025
39	5.682		0.0000	0.000	3769.5	0.174	BB	0.020	3197.84	0.349
40	5.742		0.0000	0.000	3370.7	0.155	BB	0.022	2573.28	0.281
41	5.836		0.0000	0.000	10492.7	0.484	BB	0.032	5446.99	0.595
42	5.916		0.0000	0.000	37613.6	1.734	BB	0.048	13036.66	1.425
43	5.992		0.0000	0.000	49752.4	2.294	BB	0.030	27824.34	3.041
44	6.064		0.0000	0.000	54372.7	2.507	BB	0.055	16611.32	1.815
45	6.166		0.0000	0.000	123824.0	5.709	BB	0.040	51995.73	5.682
46	6.286		0.0000	0.000	46939.5	2.164	BB	0.036	21993.95	2.404
47	6.369		0.0000	0.000	21558.8	0.994	BB	0.030	11908.91	1.301
48	6.438		0.0000	0.000	255466.0	11.778	BB	0.046	92456.22	10.104
49	6.554		0.0000	0.000	82369.5	3.798	BB	0.035	38936.39	4.255
50	6.661		0.0000	0.000	7828.7	0.361	BB	0.024	5339.94	0.584
51	6.708		0.0000	0.000	249938.4	11.523	BB	0.038	109084.40	11.921
52	6.797		0.0000	0.000	56439.2	2.602	BB	0.027	34404.49	3.760
53	6.853		0.0000	0.000	34076.0	1.571	BB	0.028	20058.72	2.192
54	7.014		0.0000	0.000	152076.3	7.011	BB	0.046	55603.33	6.077
55	7.094		0.0000	0.000	32518.1	1.499	BB	0.028	19636.55	2.146
56	7.148		0.0000	0.000	14325.0	0.660	BB	0.026	9112.92	0.996
57	7.277		0.0000	0.000	36145.2	1.666	BB	0.034	17732.60	1.938
58	7.363		0.0000	0.000	338509.6	15.607	BB	0.042	134056.60	14.651
59	7.528		0.0000	0.000	65.6	0.003	BB	0.016	66.91	0.007
60	7.700		0.0000	0.000	167999.3	7.745	BB	0.037	75108.44	8.208
61	7.791		0.0000	0.000	30103.0	1.388	BB	0.038	13340.62	1.458
62	7.932		0.0000	0.000	232.0	0.011	BB	0.027	144.01	0.016

ASX05 0589

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.007		0.0000	0.000	337.7	0.016	BB	0.028	200.63	0.022
64	8.045		0.0000	0.000	1990.7	0.092	BB	0.035	940.81	0.103
65	8.164		0.0000	0.000	1436.4	0.066	BB	0.037	640.78	0.070
66	8.207		0.0000	0.000	28451.7	1.312	BB	0.037	12690.74	1.387
67	8.343		0.0000	0.000	173.5	0.008	BB	0.025	114.27	0.012
68	8.426		0.0000	0.000	113.3	0.005	BB	0.027	69.97	0.008
69	8.550		0.0000	0.000	90095.6	4.154	BB	0.045	33311.03	3.640
70	8.649		0.0000	0.000	2820.7	0.130	BB	0.032	1470.31	0.161
71	8.836		0.0000	0.000	1378.7	0.064	BB	0.111	207.06	0.023
72	9.032		0.0000	0.000	23328.2	1.076	BB	0.050	7778.32	0.850
73	9.163		0.0000	0.000	637.6	0.029	BB	0.083	127.91	0.014
74	9.423	DCB	385.7887	60.430	28214.3	1.301	BB	0.053	8820.23	0.964
75	9.585		0.0000	0.000	226.2	0.010	BB	0.035	108.07	0.012
76	9.658		0.0000	0.000	611.2	0.028	BB	0.064	159.47	0.017
77	9.938		0.0000	0.000	32452.5	1.496	BB	0.070	7687.85	0.840

Total Area = 2169011.0, Total Amount = 638.401, Total Height = 915028.7, Sample Units = ug/l

ASX85 8518

Sample Name: **5454432ACF DF10 ACAMS21 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 08:39:45pm 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\8P2235B.43R**
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	2.056		0.0000	0.000	13943.1	0.412	BB	0.050	4660.60	0.310
2	2.233		0.0000	0.000	7547.9	0.223	BB	0.031	4022.01	0.267
3	2.279		0.0000	0.000	408.5	0.012	BB	0.017	406.85	0.027
4	2.484		0.0000	0.000	40.1	0.001	BB	0.007	93.60	0.006
5	2.497		0.0000	0.000	239.5	0.007	BB	0.011	349.77	0.023
6	2.567		0.0000	0.000	6865.3	0.203	BB	0.044	2611.70	0.174
7	2.700		0.0000	0.000	525.6	0.016	BB	0.026	341.80	0.023
8	2.817		0.0000	0.000	674.9	0.020	BB	0.026	436.73	0.029
9	2.849		0.0000	0.000	128.9	0.004	BB	0.005	424.92	0.028
10	2.884		0.0000	0.000	80.1	0.002	BB	0.009	151.08	0.010
11	2.923	TCX	310.2742	43.183	33793.9	0.998	BB	0.034	16529.32	1.098
12	3.014		0.0000	0.000	2940.1	0.087	BB	0.026	1870.00	0.124
13	3.065		0.0000	0.000	342.5	0.010	BB	0.021	268.28	0.018
14	3.114		0.0000	0.000	136.6	0.004	BB	0.005	432.76	0.029
15	3.133		0.0000	0.000	134.9	0.004	BB	0.012	183.63	0.012
16	3.166		0.0000	0.000	2794.8	0.083	BB	0.031	1514.05	0.101
17	3.249		0.0000	0.000	670.4	0.020	BB	0.032	348.12	0.023
18	3.335		0.0000	0.000	83.5	0.002	BB	0.007	187.77	0.012
19	3.380		0.0000	0.000	26086.8	0.771	BB	0.038	11437.39	0.760
20	3.483		0.0000	0.000	75.3	0.002	BB	0.007	168.33	0.011
21	3.553		0.0000	0.000	2080.0	0.061	BB	0.060	576.25	0.038
22	3.643		0.0000	0.000	408.3	0.012	BB	0.030	229.40	0.015
23	3.666		0.0000	0.000	100.3	0.003	BB	0.015	108.97	0.007
24	3.683		0.0000	0.000	256.3	0.008	BB	0.015	282.41	0.019
25	3.714		0.0000	0.000	59.4	0.002	BB	0.007	151.18	0.010
26	3.731		0.0000	0.000	70.8	0.002	BB	0.005	253.59	0.017
27	3.762		0.0000	0.000	204.2	0.006	BB	0.017	203.50	0.014
28	3.800		0.0000	0.000	207.3	0.006	BB	0.023	150.14	0.010
29	3.819		0.0000	0.000	505.7	0.015	BB	0.018	472.61	0.031
30	3.863		0.0000	0.000	2231.7	0.066	BB	0.046	815.51	0.054
31	3.930		0.0000	0.000	96.0	0.003	BB	0.008	195.90	0.013
32	3.964		0.0000	0.000	254.0	0.008	BB	0.013	324.56	0.022
33	3.995		0.0000	0.000	297.0	0.009	BB	0.013	376.22	0.025
34	4.016		0.0000	0.000	813.6	0.024	BB	0.030	453.83	0.030
35	4.110		0.0000	0.000	2614.7	0.077	BB	0.034	1280.99	0.085
36	4.282		0.0000	0.000	702.9	0.021	BB	0.021	560.60	0.037
37	4.345		0.0000	0.000	12957.5	0.383	BB	0.077	2822.91	0.188
38	4.545		0.0000	0.000	10166.3	0.300	BB	0.061	2769.41	0.184
39	4.684		0.0000	0.000	4762.8	0.141	BB	0.048	1661.17	0.110
40	4.833		0.0000	0.000	405.4	0.012	BB	0.043	155.42	0.010
41	4.859		0.0000	0.000	565.2	0.017	BB	0.026	364.16	0.024
42	4.893		0.0000	0.000	51377.8	1.518	BB	0.038	22310.83	1.482
43	4.991		0.0000	0.000	6225.8	0.184	BB	0.025	4221.68	0.280
44	5.046		0.0000	0.000	52061.1	1.538	BB	0.028	31287.90	2.079
45	5.092		0.0000	0.000	14944.5	0.441	BB	0.030	8248.61	0.548
46	5.216		0.0000	0.000	1720.9	0.051	BB	0.028	1031.67	0.069
47	5.264		0.0000	0.000	12363.3	0.365	BB	0.025	8236.85	0.547
48	5.302		0.0000	0.000	3057.5	0.090	BB	0.017	3087.94	0.205
49	5.345		0.0000	0.000	24324.3	0.719	BB	0.025	16144.02	1.073
50	5.444		0.0000	0.000	242751.0	7.171	BB	0.063	64215.76	4.266
51	5.569		0.0000	0.000	201176.7	5.943	BB	0.038	88712.80	5.894
52	5.665		0.0000	0.000	27117.1	0.801	BB	0.023	19911.33	1.323
53	5.699		0.0000	0.000	19528.7	0.577	BB	0.022	14753.12	0.980
54	5.761		0.0000	0.000	327639.8	9.679	BB	0.041	134734.80	8.951
55	5.905		0.0000	0.000	202062.2	5.969	BB	0.034	99216.06	6.591
56	5.972		0.0000	0.000	33673.9	0.995	BB	0.025	22514.83	1.496
57	6.032		0.0000	0.000	28318.1	0.837	BB	0.024	19895.64	1.322
58	6.082		0.0000	0.000	197368.5	5.831	BB	0.029	114255.30	7.591
59	6.119		0.0000	0.000	27099.0	0.801	BB	0.020	22775.07	1.513
60	6.175		0.0000	0.000	43250.3	1.278	BB	0.027	27186.38	1.806
61	6.311		0.0000	0.000	27389.5	0.809	BB	0.038	12064.59	0.802
62	6.379		0.0000	0.000	220788.5	6.522	BB	0.046	80851.12	5.371

ASX85 85II

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.476		0.0000	0.000	57040.2	1.685	BB	0.027	35575.09	2.363
64	6.520		0.0000	0.000	11266.0	0.333	BB	0.018	10196.39	0.677
65	6.554		0.0000	0.000	10337.3	0.305	BB	0.019	8835.62	0.587
66	6.630		0.0000	0.000	566786.6	16.744	BB	0.043	220649.90	14.659
67	6.816		0.0000	0.000	1079.8	0.032	BB	0.018	990.77	0.066
68	6.916		0.0000	0.000	58916.9	1.740	BB	0.028	35340.37	2.348
69	6.975		0.0000	0.000	388431.6	11.475	BB	0.040	163245.90	10.845
70	7.192		0.0000	0.000	6414.8	0.190	BB	0.031	3459.96	0.230
71	7.256		0.0000	0.000	13267.0	0.392	BB	0.038	5743.78	0.382
72	7.373		0.0000	0.000	59624.8	1.761	BB	0.039	25779.24	1.713
73	7.541		0.0000	0.000	171371.6	5.063	BB	0.044	65034.82	4.321
74	7.750		0.0000	0.000	798.0	0.024	BB	0.040	335.95	0.022
75	7.787		0.0000	0.000	532.3	0.016	BB	0.025	352.27	0.023
76	7.895		0.0000	0.000	44244.4	1.307	BB	0.044	16856.25	1.120
77	8.050		0.0000	0.000	144.2	0.004	BB	0.005	456.98	0.030
78	8.099		0.0000	0.000	411.4	0.012	BB	0.014	474.07	0.031
79	8.174		0.0000	0.000	25.2	0.001	BB	0.008	54.04	0.004
80	8.216	DCB	408.2406	56.817	52693.0	1.557	BB	0.047	18776.13	1.247
81	8.456		0.0000	0.000	86.5	0.003	BB	0.011	130.60	0.009
82	8.470		0.0000	0.000	60.4	0.002	BB	0.005	214.78	0.014
83	8.507		0.0000	0.000	225.0	0.007	BB	0.012	324.45	0.022
84	8.543		0.0000	0.000	171.9	0.005	BB	0.008	342.72	0.023
85	8.616		0.0000	0.000	445.5	0.013	BB	0.019	384.98	0.026
86	8.661		0.0000	0.000	4132.5	0.122	BB	0.057	1218.71	0.081
87	8.781		0.0000	0.000	76.7	0.002	BB	0.007	177.37	0.012
88	8.816		0.0000	0.000	150.0	0.004	BB	0.008	328.85	0.022
89	8.837		0.0000	0.000	392.6	0.012	BB	0.021	307.22	0.020
90	8.900		0.0000	0.000	451.1	0.013	BB	0.030	251.72	0.017
91	8.966		0.0000	0.000	53.0	0.002	BB	0.012	75.73	0.005
92	9.000		0.0000	0.000	2057.0	0.061	BB	0.078	440.52	0.029
93	9.198		0.0000	0.000	969.3	0.029	BB	0.071	226.80	0.015
94	9.389		0.0000	0.000	133.0	0.004	BB	0.009	242.16	0.016
95	9.417		0.0000	0.000	154.9	0.005	BB	0.009	297.53	0.020
96	9.440		0.0000	0.000	1146.8	0.034	BB	0.037	515.89	0.034
97	9.543		0.0000	0.000	524.5	0.015	BB	0.021	419.39	0.028
98	9.593		0.0000	0.000	330.4	0.010	BB	0.014	380.85	0.025
99	9.616		0.0000	0.000	4.9	0.000	BB	0.001	91.57	0.006
100	9.690		0.0000	0.000	334.2	0.010	BB	0.012	455.59	0.030
101	9.733		0.0000	0.000	5596.9	0.165	BB	0.111	838.33	0.056
102	9.927		0.0000	0.000	22659.3	0.669	BB	0.042	8938.88	0.594
103	9.972		0.0000	0.000	50.3	0.001	BB	0.005	154.51	0.010

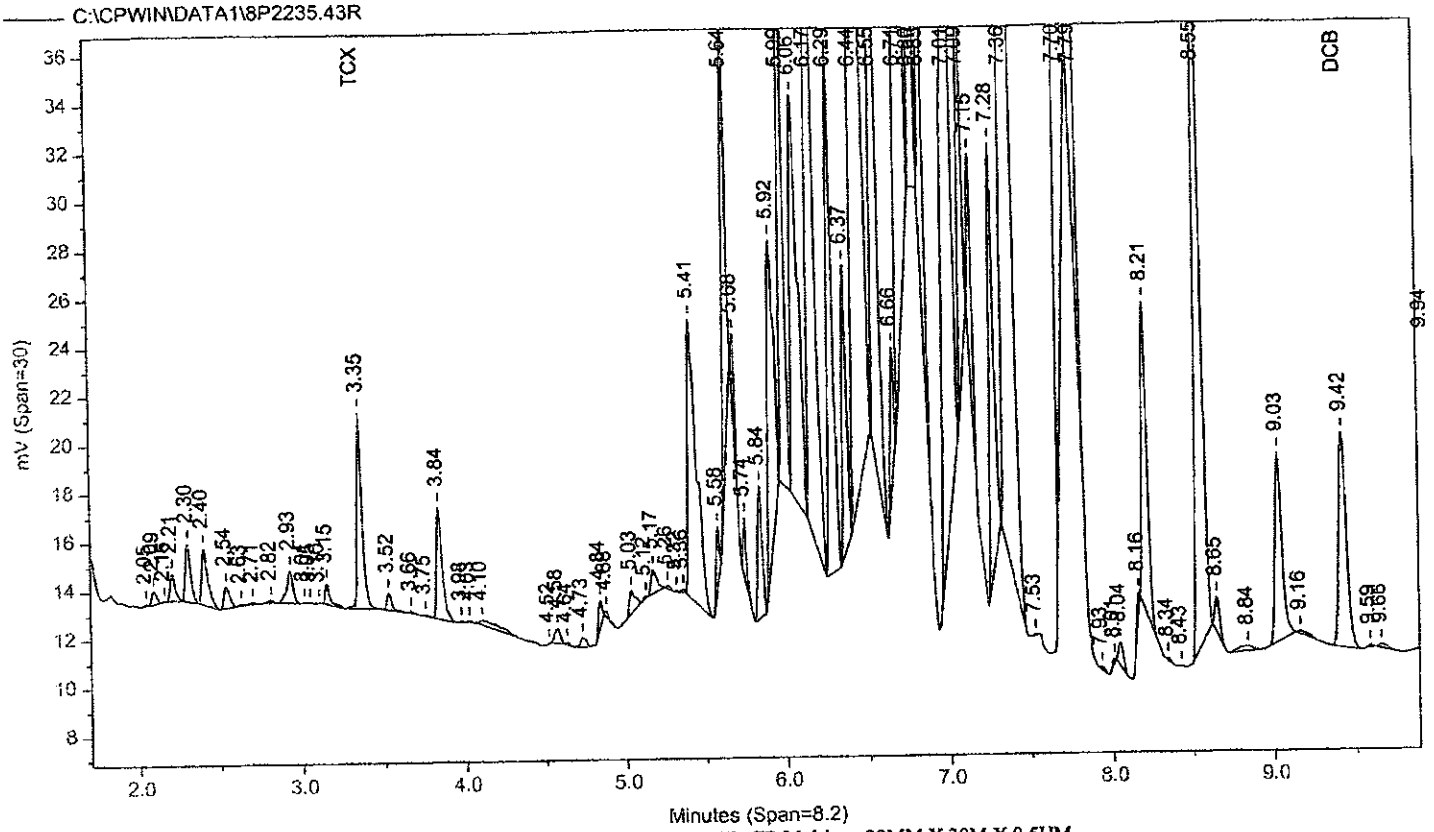
Total Area = 3385102.0, Total Amount = 718.515, Total Height = 1505221.0, Sample Units = ug/l

ASX85 0512

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.43R

C:\CPWIN\DATA1\8P2235.43R

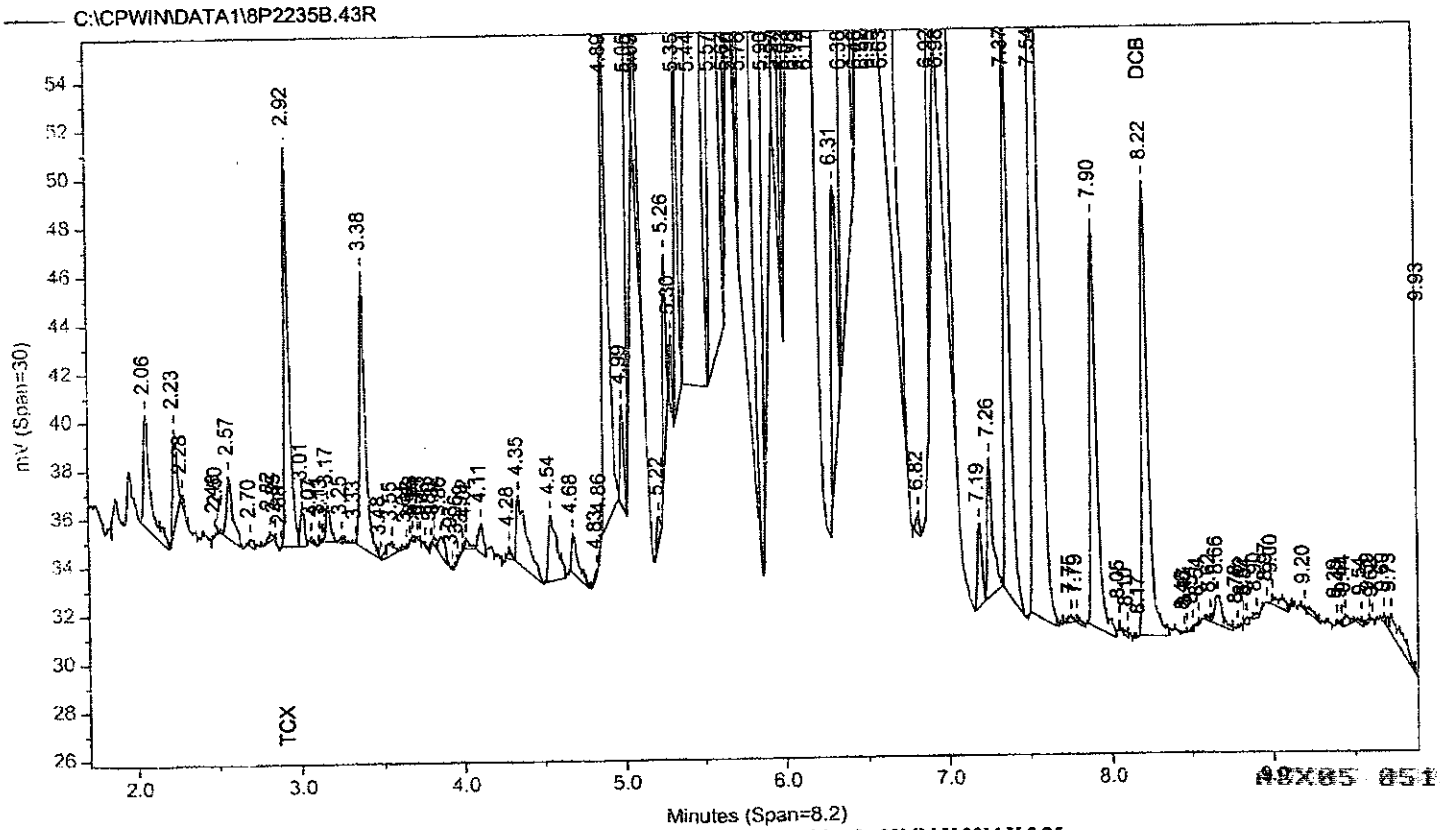


Instrument ID: CP02--H2601A Injected On: 9/4/2008 8:29:45 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.43R

C:\CPWIN\DATA1\8P2235B.43R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 8:29:45 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

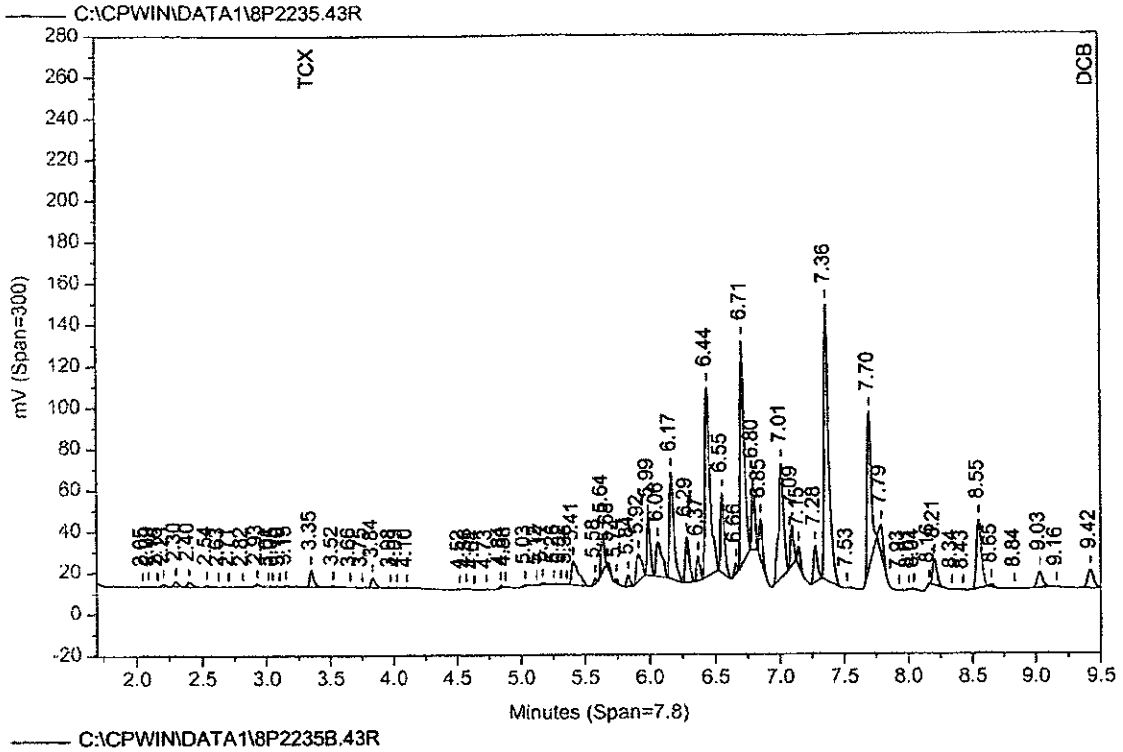
Sample Weight: 30
Analyst: 2280

Dilution Factor: 100

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.35	8055	8.42041	TCX	2.923	16529	10.34247	TCX
9.423	8820	12.85962	DCB	8.216	18776	13.60802	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.43A
Area File: C:\CPWIN\DATA1\8P2235B.43A
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: 9/4/2008 8:39:48 PM
File Reported On: 9/4/2008 at 8:39:55 PM

10X REPLOTS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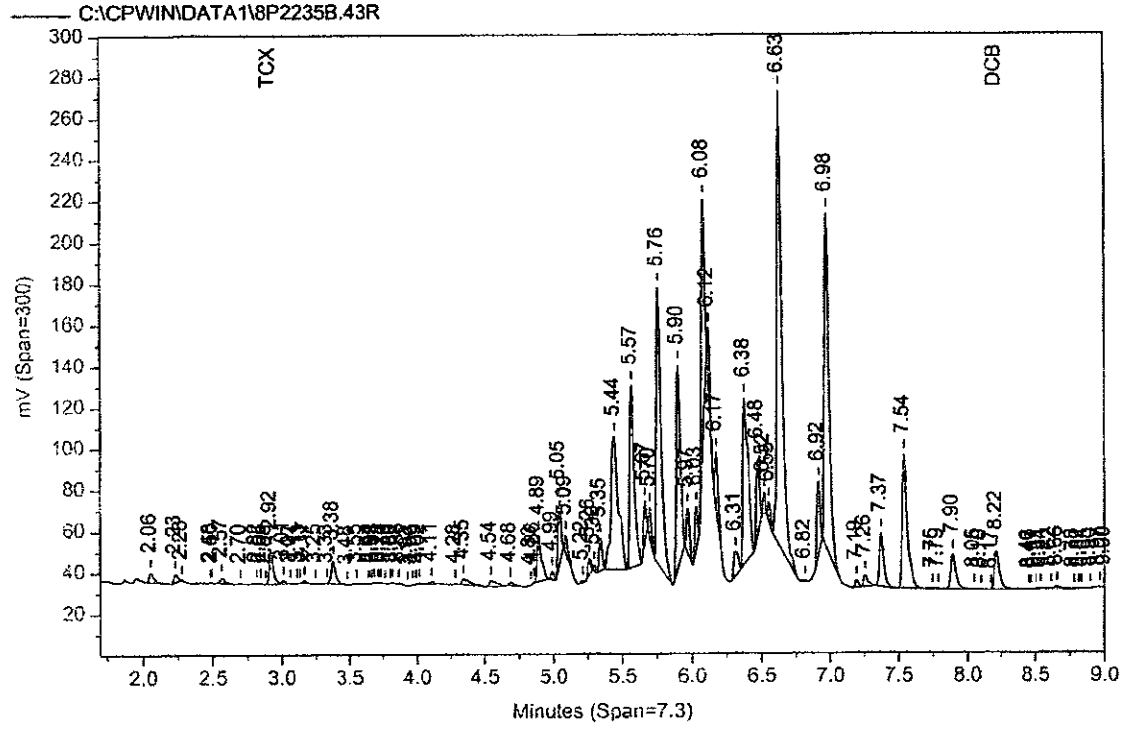
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)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TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

ASX05 0515

Multiple Component Data Summary

Sample Name: 5454433 ACF DF10 AMS22 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 20:44:09
Instrument H2601A
Result file 8P2235.44R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 73.9% Conc: 7.37188
%SSR(DCB) 155.8% Conc: 15.5992

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**29.59**	
6.03	6.07	6.09	14944.77636	709.050762			1
6.14	6.17	6.20	45239.61718	1054.038259			2
6.41	6.44	6.47	80847.64062	1610.781586			3
6.68	6.71	6.74	96625.625	1774.729793			4
6.77	6.79	6.83	43463.03125	1440.949118			5
6.98	7.01	7.04	52549.37890	1598.505901			6

Height summation: **333670.069336**
Concentration CF: **1364.675903** L:

Analysis Report (B)

Injected on Sep 04, 2008 20:44:09
Instrument H2601B
Result file 8P2235B.44R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 88.9% Conc: 8.87105
%SSR(DCB) * 147.4% Conc: 14.7611

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**22.40**	
5.43	5.45	5.49	51452.11718	1904.165647			1
5.54	5.57	5.60	78357.44531	1086.302676			2
5.74	5.76	5.80	119410.2656	1420.056679			3
6.06	6.08	6.12	97041.64843	1717.501593			4
6.35	6.38	6.41	86949.6875	1360.58723			5
7.51	7.54	7.57	92822.55468	2013.078244			6

Height summation: **526033.718752**
Concentration CF: **1583.615345** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<170	<33			4	15	
Aroclor-1221			<170	<52			3	5	
Aroclor-1232			<170	<33			4	10	
Aroclor-1242			<170	<33			4	30	
Aroclor-1248			<170	<33			4	30	
Aroclor-1254			<170	<33			4	40	
Aroclor-1260	B	1583.615345	170	33		14.85	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Brinhart Date: 9-5-08

Verified By: [signature] Date: 9.8.08

ASX05 0516

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454433** ACF DF10 AMS22 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:44:09
Instrument : CP02--H2601A
Result file : 8P2235.44R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 73.9% Conc.: 7.371889
%SSR(DCB) : *155.8% Conc.: 15.599201

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	170.77	
4.55	4.56	4.61	350.053131	6.283055			3
4.71	4.74	4.77	234.36676	10.230246			4
5.14	5.17	5.20	592.845459	32.885216			5
5.38	5.41	5.44	7679.412598	396.330596			6
Height Summation:			8856.677948				
Amount Avg CF:			111.432278	Linear:			
Aroclor-1221					1		
3.65	3.66	3.71	82.664421	9.83047			2
Height Summation:			82.664421				
Amount Avg CF:			9.83047	Linear:			
Aroclor-1232					4	193.68	
4.55	4.56	4.61	350.053131	12.879781			3
4.70	4.74	4.76	234.36676	22.021777			4
5.13	5.17	5.19	592.845459	70.11359			5
E 5.38	5.41	5.44	7679.412598	4316.701854			6
Height Summation:			8856.677948				
Amount Avg CF:			1105.429251	Linear:			
Aroclor-1242					4	190.29	
4.55	4.56	4.61	350.053131	7.935014			3
4.71	4.74	4.77	234.36676	13.078137			4
5.14	5.17	5.20	592.845459	39.837749			5
E 5.38	5.41	5.44	7679.412598	1604.389971			6
Height Summation:			8856.677948				
Amount Avg CF:			416.310218	Linear:			
Aroclor-1248					5	115.58	
4.55	4.56	4.61	350.053131	12.576838			1
5.01	5.04	5.07	252.547302	8.437126			2
5.62	5.64	5.68	11276.12207	363.007913			4
5.96	5.99	6.02	20489.26562	1249.168753			5
6.26	6.29	6.32	19976.27539	1721.855209			6
Height Summation:			52344.263519				
Amount Avg CF:			671.009168	Linear:			
Aroclor-1254					6	104.20	
4.82	4.85	4.88	470.997498	20.378757			1
5.61	5.64	5.67	11276.12207	293.949392			2
5.96	5.99	6.02	20489.26562	373.13604			3
6.26	6.29	6.32	19976.27539	482.020641			4
6.52	6.55	6.58	30705.90234	1090.621305			5
6.68	6.71	6.74	96625.625	2083.888674			6
Height Summation:			179544.187928				
Amount Avg CF:			723.999135	Linear:			
Aroclor-1260					6	29.59	
6.03	6.07	6.09	14944.77636	709.050762			1
6.14	6.17	6.20	45239.61718	1054.038259			2
6.41	6.44	6.47	80847.64062	1610.781586			3
6.68	6.71	6.74	96625.625	1774.729793			4
6.77	6.79	6.83	43463.03125	1440.949118			5
6.98	7.01	7.04	52549.37890	1598.505901			6
Height Summation:			333670.069336				
Amount Avg CF:			1364.675903	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:44:09
Instrument : CP02--H2601B
Result file : 8P2235B.44R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 88.9% Conc.: 8.871058
%SSR(DCB) : *147.4% Conc.: 14.761154

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	64.47	
3.65	3.68	3.71	800.685852	14.187125			2
3.84	3.88	3.90	661.799683	15.542253			3
4.35	4.37	4.41	298.957611	11.750869			5
4.66	4.69	4.72	1265.67041	39.859768			6
Height Summation:			3027.113556				
Amount Avg CF:			20.335004	Linear:			
Aroclor-1221					2	84.45	
3.14	3.17	3.20	2371.024902	112.922079			1
3.23	3.24	3.29	429.146362	28.48159			2
Height Summation:			2800.171264				
Amount Avg CF:			70.701835	Linear:			
Aroclor-1232					4	63.12	
3.65	3.68	3.71	800.685852	26.728284			2
3.83	3.88	3.89	661.799683	31.686282			3
4.34	4.37	4.40	298.957611	25.107719			5
4.65	4.69	4.71	1265.67041	78.747576			6
Height Summation:			3027.113556				
Amount Avg CF:			40.567465	Linear:			
Aroclor-1242					4	71.38	
3.65	3.68	3.71	800.685852	17.916042			2
3.84	3.88	3.90	661.799683	19.175096			3
4.35	4.37	4.41	298.957611	14.15117			5
4.66	4.69	4.72	1265.67041	54.620681			6
Height Summation:			3027.113556				
Amount Avg CF:			26.465747	Linear:			
Aroclor-1248					5	118.65	
4.35	4.37	4.41	298.957611	10.551584			2
4.52	4.54	4.58	989.78125	20.034338			3
+ 4.52	4.58	4.58	379.695526	7.685485			3
4.66	4.69	4.72	1265.67041	35.991433			4
4.87	4.89	4.93	15539.08691	377.581126			5
5.07	5.09	5.13	6752.86084	276.137094			6
Height Summation:			24846.357025				
Amount Avg CF:			144.059115	Linear:			
Aroclor-1254					6	79.87	
5.24	5.26	5.30	5832.10498	205.016435			1
5.32	5.34	5.38	10410.50195	203.878038			2
5.41	5.45	5.47	51452.11718	553.879172			3
5.64	5.67	5.70	18788.5	287.290941			4
5.94	5.97	6.00	18585.36718	489.657902			5
6.05	6.08	6.11	97041.64843	1256.648618			6
Height Summation:			202110.239747				
Amount Avg CF:			499.395184	Linear:			
Aroclor-1260					6	22.40	
5.43	5.45	5.49	51452.11718	1904.165647			1
5.54	5.57	5.60	78357.44531	1086.302676			2
5.74	5.76	5.80	119410.2656	1420.056679			3
6.06	6.08	6.12	97041.64843	1717.501593			4
6.35	6.38	6.41	86949.6875	1360.58723			5
7.51	7.54	7.57	92822.55468	2013.078244			6
Height Summation:			526033.718752				
Amount Avg CF:			1583.615345	Linear:			

ASX05 5517

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:37:00

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454433** ACF DF10 AMS22 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 20:44:09
Instrument : CP02--H2601A
Result file : 8P2235.44R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**51.90**	
6.03	6.07	6.09	14944.77636	601.082583			1
6.13	6.17	6.19	45239.61718	1155.375791			2
6.40	6.44	6.46	80847.64062	1879.390093			3
6.67	6.71	6.73	96625.625	2489.002736			4
6.76	6.79	6.82	43463.03125	820.675332			5
6.98	7.01	7.04	52549.37890	1196.56285			6
Height Summation:			**333670.069336**				
Amount Avg CF:			**1357.014898**	Linear:			
Aroclor-1268					**5**	**61.09**	
6.76	6.79	6.82	43463.03125	1836.752229			1
7.00	7.01	7.06	52549.37890	1830.886742			2
7.66	7.69	7.72	98098.33593	874.673605			3
8.01	8.04	8.07	9805.160156	105.969746			4
8.51	8.55	8.57	48291.85546	1305.550837			6
Height Summation:			**252207.761719**				
Amount Avg CF:			**1190.766632**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 20:44:09
Instrument : CP02--H2601B
Result file : 8P2235B.44R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**58.41**	
E 6.05	6.08	6.11	97041.64843	3152.985756			1
6.14	6.18	6.20	27918.59960	1103.184523			2
6.44	6.48	6.50	36188.13671	981.281572			3
6.88	6.91	6.94	71643.14062	1050.778801			4
7.34	7.37	7.40	28402.95117	985.701203			5
7.86	7.90	7.92	81729.25781	2500.988939			6
Height Summation:			**342923.734376**				
Amount Avg CF:			**1629.153466**	Linear:			
Aroclor-1268					**6**	**146.79**	
6.10	6.12	6.16	41608.89062	1021.789691			1
6.35	6.38	6.41	86949.6875	1678.23558			2
E 6.60	6.63	6.66	223833.875	9918.12691			3
6.94	6.98	7.00	188118.625	1110.401758			4
7.16	7.19	7.22	17168.10351	99.802846			5
7.51	7.54	7.57	92822.55468	1172.136926			6
Height Summation:			**650501.736329**				
Amount Avg CF:			**2500.082285**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			170	33		** 138.27	4	15	
Aroclor-1221			170	52		** 151.17	3	5	
Aroclor-1232			170	33	E	** 185.84	4	10	
Aroclor-1242			170	33	E	** 176.09	4	30	
Aroclor-1248			170	33		** 129.30	4	30	
Aroclor-1254			170	33		36.72	4	40	
Aroclor-1260			170	33		14.85	4	40	
Aroclor-1262			0	0		18.23	4	40	
Aroclor-1268			0	0		** 70.95	4	40	

Units: _____

ASX05 0510

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:37:00

Sample Name: **5454433ACF DF10 ACAMS22 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 08:54:09pm 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\8P2235.44R**
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	2.048		0.0000	0.000	158.1	0.007	BB	0.025	105.77	0.011
2	2.100		0.0000	0.000	375.7	0.016	BB	0.032	192.91	0.020
3	2.205		0.0000	0.000	1298.1	0.056	BB	0.047	459.24	0.048
4	2.300		0.0000	0.000	1935.5	0.083	BB	0.038	856.68	0.090
5	2.402		0.0000	0.000	7488.9	0.322	BB	0.045	2749.83	0.288
6	2.541		0.0000	0.000	1340.2	0.058	BB	0.046	481.50	0.051
7	2.632		0.0000	0.000	59.5	0.003	BB	0.032	30.95	0.003
8	2.703		0.0000	0.000	366.4	0.016	BB	0.047	129.77	0.014
9	2.816		0.0000	0.000	467.5	0.020	BB	0.046	169.64	0.018
10	2.927		0.0000	0.000	2453.6	0.105	BB	0.042	984.53	0.103
11	3.017		0.0000	0.000	85.0	0.004	BB	0.023	60.76	0.006
12	3.090		0.0000	0.000	248.1	0.011	BB	0.050	82.93	0.009
13	3.150		0.0000	0.000	92.0	0.004	BB	0.021	71.37	0.007
14	3.203		0.0000	0.000	127.7	0.005	BB	0.045	47.12	0.005
15	3.351	TCX	221.1567	32.092	14321.3	0.615	BB	0.034	7052.07	0.740
16	3.525		0.0000	0.000	1962.0	0.084	BB	0.032	1014.92	0.106
17	3.658		0.0000	0.000	145.4	0.006	BB	0.029	82.66	0.009
18	3.836		0.0000	0.000	10715.6	0.461	BB	0.038	4649.45	0.488
19	3.968		0.0000	0.000	74.7	0.003	BB	0.037	33.23	0.003
20	4.029		0.0000	0.000	83.9	0.004	BB	0.024	57.55	0.006
21	4.094		0.0000	0.000	645.2	0.028	BB	0.082	130.91	0.014
22	4.559		0.0000	0.000	1346.1	0.058	BB	0.064	350.05	0.037
23	4.739		0.0000	0.000	671.0	0.029	BB	0.048	234.37	0.025
24	4.847		0.0000	0.000	769.2	0.033	BB	0.027	471.00	0.049
25	4.884		0.0000	0.000	141.8	0.006	BB	0.019	127.41	0.013
26	4.920		0.0000	0.000	49.0	0.002	BB	0.018	45.30	0.005
27	5.039		0.0000	0.000	470.2	0.020	BB	0.031	252.55	0.026
28	5.173		0.0000	0.000	2079.1	0.089	BB	0.058	592.85	0.062
29	5.265		0.0000	0.000	260.1	0.011	BB	0.042	103.73	0.011
30	5.358		0.0000	0.000	174.1	0.007	BB	0.023	126.10	0.013
31	5.413		0.0000	0.000	29552.8	1.270	BB	0.064	7679.41	0.805
32	5.579		0.0000	0.000	2556.4	0.110	BB	0.027	1606.11	0.168
33	5.642		0.0000	0.000	19793.3	0.851	BB	0.029	11276.12	1.183
34	5.684		0.0000	0.000	3402.4	0.146	BB	0.022	2604.20	0.273
35	5.837		0.0000	0.000	7453.3	0.320	BB	0.032	3915.16	0.411
36	5.917		0.0000	0.000	30715.9	1.320	BB	0.046	11173.64	1.172
37	5.993		0.0000	0.000	37246.3	1.601	BB	0.030	20489.27	2.149
38	6.066		0.0000	0.000	47113.5	2.025	BB	0.053	14944.78	1.567
39	6.166		0.0000	0.000	109260.5	4.696	BB	0.040	45239.62	4.745
40	6.288		0.0000	0.000	40516.3	1.741	BB	0.034	19976.28	2.095
41	6.367		0.0000	0.000	19609.0	0.843	BB	0.030	10742.31	1.127
42	6.438		0.0000	0.000	224394.5	9.643	BB	0.046	80847.64	8.479
43	6.552		0.0000	0.000	66262.6	2.848	BB	0.036	30705.90	3.220
44	6.661		0.0000	0.000	7041.4	0.303	BB	0.025	4615.82	0.484
45	6.707		0.0000	0.000	217559.8	9.350	BB	0.038	96625.63	10.134
46	6.794		0.0000	0.000	72487.5	3.115	BB	0.028	43463.03	4.558
47	6.850		0.0000	0.000	32313.0	1.389	BB	0.027	19974.40	2.095
48	7.012		0.0000	0.000	148915.1	6.400	BB	0.047	52549.38	5.511
49	7.093		0.0000	0.000	26623.2	1.144	BB	0.027	16398.70	1.720
50	7.146		0.0000	0.000	11535.5	0.496	BB	0.024	7925.58	0.831
51	7.272		0.0000	0.000	34069.5	1.464	BB	0.035	16317.74	1.711
52	7.361		0.0000	0.000	356692.8	15.329	BB	0.043	137642.40	14.436
53	7.524		0.0000	0.000	85.4	0.004	BB	0.017	84.13	0.009
54	7.552		0.0000	0.000	364.0	0.016	BB	0.024	254.58	0.027
55	7.694		0.0000	0.000	216393.8	9.300	BB	0.037	98098.34	10.289
56	7.794		0.0000	0.000	94476.6	4.060	BB	0.040	39457.88	4.138
57	8.044		0.0000	0.000	25470.3	1.095	BB	0.043	9805.16	1.028
58	8.205		0.0000	0.000	60188.6	2.587	BB	0.059	16983.76	1.781
59	8.339		0.0000	0.000	217.8	0.009	BB	0.041	88.05	0.009
60	8.424		0.0000	0.000	178.1	0.008	BB	0.029	104.00	0.011
61	8.548		0.0000	0.000	131646.6	5.658	BB	0.045	48291.86	5.065
62	8.650		0.0000	0.000	2668.8	0.115	BB	0.032	1394.54	0.146

ASX85 0519

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.753		0.0000	0.000	171.3	0.007	BB	0.034	84.84	0.009
64	8.843		0.0000	0.000	753.6	0.032	BB	0.070	180.04	0.019
65	9.031		0.0000	0.000	129397.4	5.561	BB	0.054	39968.09	4.192
66	9.422	DCB	467.9760	67.908	35873.6	1.542	BB	0.056	10699.27	1.122
67	9.581		0.0000	0.000	569.6	0.024	BB	0.073	129.24	0.014
68	9.837		0.0000	0.000	149.5	0.006	BB	0.040	61.53	0.006
69	9.924		0.0000	0.000	32789.1	1.409	BB	0.059	9308.27	0.976

Total Area = 2326914.0, Total Amount = 689.133, Total Height = 953453.7, Sample Units = ug/l

ASX05 0520

Sample Name: **5454433ACF DF10 ACAMS22 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 08:54:09pm 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\8P2235B.44R**
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	3758.0	0.106	BB	0.039	1587.07	0.099
2	2.139		0.0000	0.000	998.9	0.028	BB	0.071	235.04	0.015
3	2.235		0.0000	0.000	17015.8	0.482	BB	0.050	5710.00	0.357
4	2.420		0.0000	0.000	657.2	0.019	BB	0.025	444.86	0.028
5	2.510		0.0000	0.000	120.1	0.003	BB	0.015	132.85	0.008
6	2.570		0.0000	0.000	4213.8	0.119	BB	0.039	1790.78	0.112
7	2.707		0.0000	0.000	1219.2	0.035	BB	0.032	625.26	0.039
8	2.777		0.0000	0.000	183.8	0.005	BB	0.024	129.56	0.008
9	2.797		0.0000	0.000	42.1	0.001	BB	0.004	163.35	0.010
10	2.818		0.0000	0.000	754.9	0.021	BB	0.038	331.98	0.021
11	2.922	TCX	266.1317	37.538	30290.8	0.857	BB	0.036	14177.70	0.887
12	3.060		0.0000	0.000	1481.6	0.042	BB	0.036	695.49	0.044
13	3.168		0.0000	0.000	4262.2	0.121	BB	0.030	2371.02	0.148
14	3.240		0.0000	0.000	1072.3	0.030	BB	0.042	429.15	0.027
15	3.382		0.0000	0.000	24581.8	0.696	BB	0.038	10881.75	0.681
16	3.527		0.0000	0.000	415.6	0.012	BB	0.048	143.52	0.009
17	3.539		0.0000	0.000	206.6	0.006	BB	0.027	129.08	0.008
18	3.590		0.0000	0.000	85.4	0.002	BB	0.005	303.12	0.019
19	3.617		0.0000	0.000	575.8	0.016	BB	0.027	356.81	0.022
20	3.677		0.0000	0.000	3060.2	0.087	BB	0.064	800.69	0.050
21	3.826		0.0000	0.000	381.7	0.011	BB	0.024	267.80	0.017
22	3.876		0.0000	0.000	1138.3	0.032	BB	0.029	661.80	0.041
23	3.941		0.0000	0.000	104.9	0.003	BB	0.006	279.72	0.018
24	3.977		0.0000	0.000	206.6	0.006	BB	0.032	106.18	0.007
25	4.027		0.0000	0.000	949.3	0.027	BB	0.024	653.23	0.041
26	4.063		0.0000	0.000	393.6	0.011	BB	0.021	316.78	0.020
27	4.343		0.0000	0.000	527.5	0.015	BB	0.016	552.42	0.035
28	4.369		0.0000	0.000	385.7	0.011	BB	0.022	298.96	0.019
29	4.545		0.0000	0.000	1410.5	0.040	BB	0.024	989.78	0.062
30	4.575		0.0000	0.000	507.1	0.014	BB	0.022	379.70	0.024
31	4.693		0.0000	0.000	5724.5	0.162	BB	0.075	1265.67	0.079
32	4.823		0.0000	0.000	340.7	0.010	BB	0.015	380.97	0.024
33	4.860		0.0000	0.000	388.3	0.011	BB	0.020	323.11	0.020
34	4.894		0.0000	0.000	35067.6	0.993	BB	0.038	15539.09	0.973
35	4.993		0.0000	0.000	3650.3	0.103	BB	0.023	2607.10	0.163
36	5.046		0.0000	0.000	32253.3	0.913	BB	0.028	19503.36	1.221
37	5.092		0.0000	0.000	11580.6	0.328	BB	0.029	6752.86	0.423
38	5.211		0.0000	0.000	1116.9	0.032	BB	0.020	936.29	0.059
39	5.263		0.0000	0.000	8607.9	0.244	BB	0.025	5832.10	0.365
40	5.304		0.0000	0.000	6414.1	0.182	BB	0.019	5585.96	0.350
41	5.345		0.0000	0.000	15219.5	0.431	BB	0.024	10410.50	0.652
42	5.448		0.0000	0.000	202543.4	5.733	BB	0.066	51452.12	3.220
43	5.570		0.0000	0.000	179006.8	5.067	BB	0.038	78357.45	4.904
44	5.668		0.0000	0.000	23857.7	0.675	BB	0.021	18788.50	1.176
45	5.702		0.0000	0.000	16833.9	0.476	BB	0.021	13312.69	0.833
46	5.764		0.0000	0.000	289344.1	8.190	BB	0.040	119410.30	7.473
47	5.907		0.0000	0.000	179452.2	5.079	BB	0.034	87326.74	5.465
48	5.973		0.0000	0.000	28798.3	0.815	BB	0.026	18585.37	1.163
49	6.035		0.0000	0.000	26660.6	0.755	BB	0.023	19398.23	1.214
50	6.083		0.0000	0.000	156009.0	4.416	BB	0.027	97041.65	6.073
51	6.123		0.0000	0.000	55932.4	1.583	BB	0.022	41608.89	2.604
52	6.175		0.0000	0.000	38928.3	1.102	BB	0.023	27918.60	1.747
53	6.311		0.0000	0.000	28730.9	0.813	BB	0.035	13724.05	0.859
54	6.378		0.0000	0.000	227089.2	6.428	BB	0.044	86949.69	5.442
55	6.476		0.0000	0.000	58285.0	1.650	BB	0.027	36188.14	2.265
56	6.519		0.0000	0.000	8530.3	0.241	BB	0.018	7879.34	0.493
57	6.553		0.0000	0.000	10324.8	0.292	BB	0.020	8727.41	0.546
58	6.630		0.0000	0.000	534729.3	15.135	BB	0.040	223833.90	14.009
59	6.723		0.0000	0.000	6196.0	0.175	BB	0.019	5308.65	0.332
60	6.809		0.0000	0.000	722.4	0.020	BB	0.018	674.04	0.042
61	6.914		0.0000	0.000	120983.1	3.424	BB	0.028	71643.14	4.484
62	6.976		0.0000	0.000	437387.0	12.380	BB	0.039	188118.60	11.773

ASX85 0521

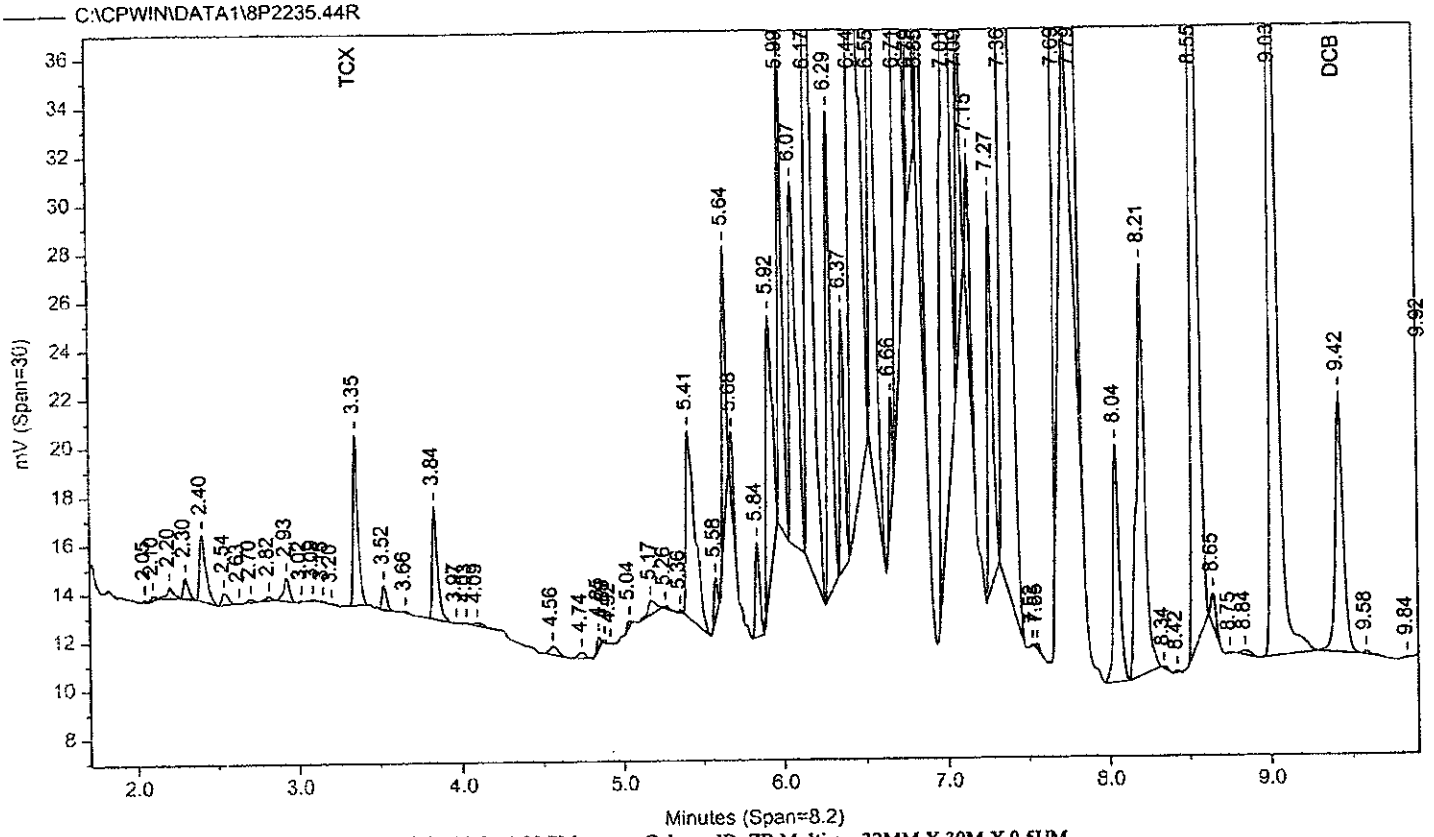
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.193		0.0000	0.000	32914.2	0.932	BB	0.032	17168.10	1.074
64	7.253		0.0000	0.000	2883.0	0.082	BB	0.018	2651.59	0.166
65	7.293		0.0000	0.000	10847.9	0.307	BB	0.028	6468.52	0.405
66	7.369		0.0000	0.000	64866.4	1.836	BB	0.038	28402.95	1.778
67	7.539		0.0000	0.000	246894.5	6.988	BB	0.044	92822.55	5.809
68	7.749		0.0000	0.000	459.3	0.013	BB	0.013	609.31	0.038
69	7.796		0.0000	0.000	866.0	0.025	BB	0.023	614.83	0.038
70	7.896		0.0000	0.000	225764.8	6.390	BB	0.046	81729.26	5.115
71	8.217	DCB	442.8346	62.462	55969.7	1.584	BB	0.046	20367.21	1.275
72	8.366		0.0000	0.000	305.2	0.009	BB	0.018	286.56	0.018
73	8.491		0.0000	0.000	101.6	0.003	BB	0.009	193.38	0.012
74	8.530		0.0000	0.000	354.8	0.010	BB	0.016	375.51	0.024
75	8.610		0.0000	0.000	589.5	0.017	BB	0.018	537.59	0.034
76	8.660		0.0000	0.000	10242.7	0.290	BB	0.061	2809.37	0.176
77	8.808		0.0000	0.000	115.7	0.003	BB	0.009	213.30	0.013
78	8.894		0.0000	0.000	1355.6	0.038	BB	0.055	413.92	0.026
79	8.959		0.0000	0.000	218.6	0.006	BB	0.017	212.69	0.013
80	8.996		0.0000	0.000	525.0	0.015	BB	0.021	417.76	0.026
81	9.034		0.0000	0.000	967.2	0.027	BB	0.045	355.98	0.022
82	9.144		0.0000	0.000	1471.7	0.042	BB	0.040	614.44	0.038
84	9.430		0.0000	0.000	323.7	0.009	BB	0.016	331.73	0.021
85	9.466		0.0000	0.000	86.3	0.002	BB	0.005	287.84	0.018
86	9.499		0.0000	0.000	157.8	0.004	BB	0.016	167.54	0.010
87	9.534		0.0000	0.000	339.9	0.010	BB	0.018	323.23	0.020
88	9.567		0.0000	0.000	325.0	0.009	BB	0.016	331.52	0.021
89	9.600		0.0000	0.000	500.5	0.014	BB	0.025	336.94	0.021
90	9.710		0.0000	0.000	6664.2	0.189	BB	0.155	717.24	0.045
91	9.927		0.0000	0.000	14517.1	0.411	BB	0.039	6251.07	0.391
92	9.959		0.0000	0.000	731.9	0.021	BB	0.025	486.47	0.030

Total Area = 3533070.0, Total Amount = 708.966, Total Height = 1597829.0, Sample Units = ug/l

ASX85 0522

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.44R

C:\CPWIN\DATA1\8P2235.44R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 8:44:09 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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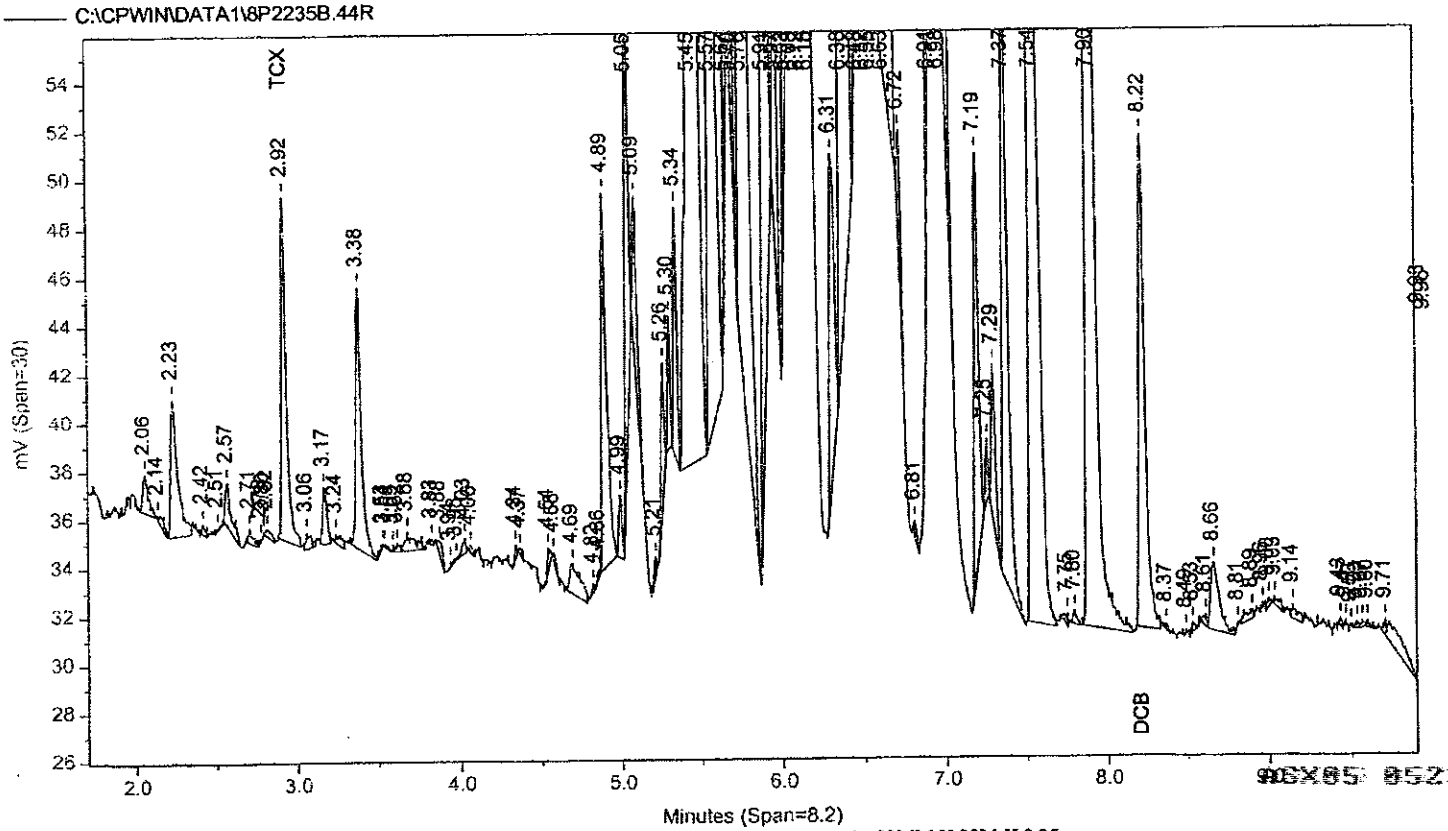

Instrument ID: CP02--H2601B Injected On: 9/4/2008 8:44:09 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 100

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	7052	7.37189	TCX	2.922	14178	8.87106	TCX
9.422	10699	15.5992	DCB	8.217	20367	14.76115	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.44A
Area File: C:\CPWIN\DATA1\8P2235B.44A
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: 9/4/2008 8:54:14 PM
File Reported On: 9/4/2008 at 8:54:19 PM

10X REPLOTS

ASX05 0524

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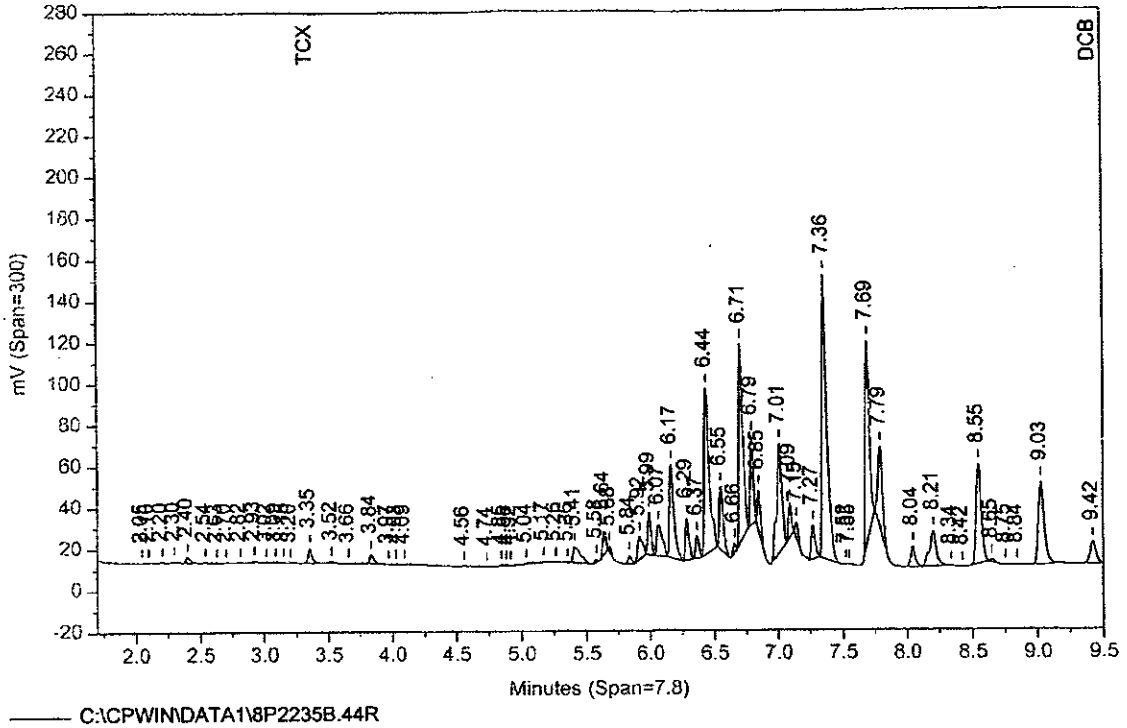

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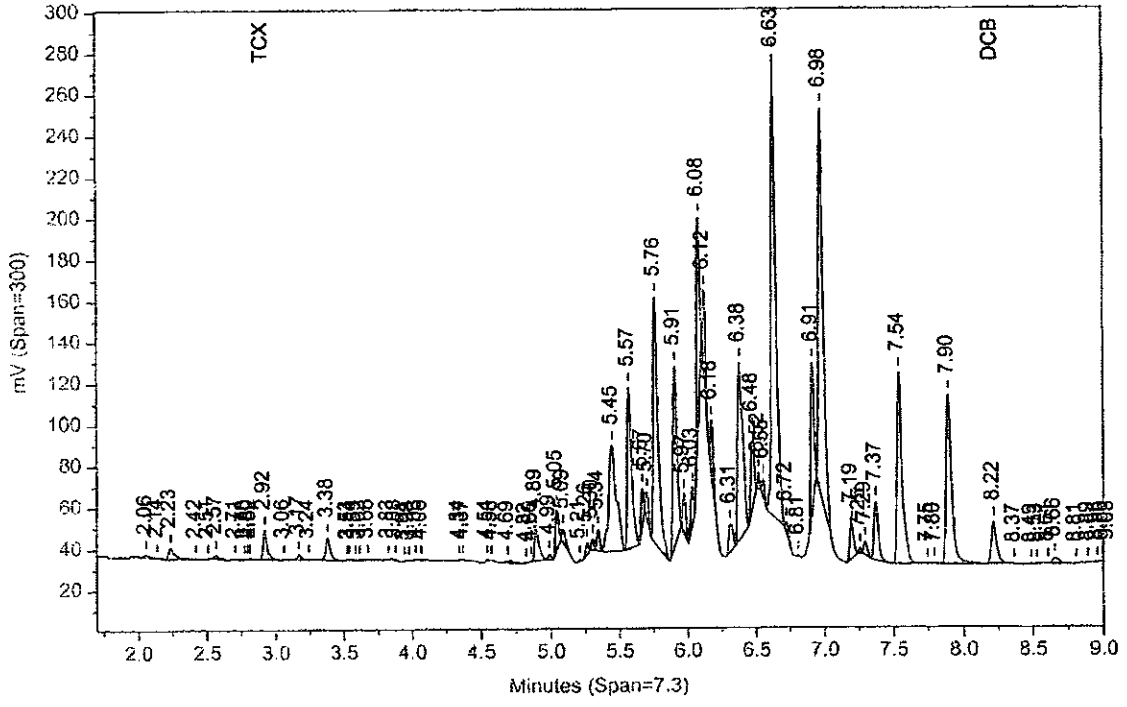

0SX05 0525

Multiple Component Data Summary

Sample Name: 5454434 ACF DF20 AMS23 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 200 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 17:13:13
Instrument H2601A
Result file 9P2235.14R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 77.9% Conc: 7.76675
%SSR(DCB) * 157.8% Conc: 15.80357

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**20.06**	
5.61	5.64	5.67	9940.954102	518.287651			2
5.96	6.00	6.02	16566.75781	603.404194			3
6.26	6.29	6.32	15887.70410	766.72965			4
Height summation:			**42395.416017**				
Concentration		CF:	**629.473832**	L:			
Aroclor-1260						**21.91**	
6.68	6.71	6.74	48393.15234	1777.681008			4
6.77	6.80	6.83	17143.41406	1136.726393			5
6.98	7.01	7.04	24273.77929	1476.774046			6
Height summation:			**89810.345704**				
Concentration		CF:	**1463.727149**	L:			

Analysis Report (B)

Injected on Sep 05, 2008 17:13:13
Instrument H2601B
Result file 9P2235B.14R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 99.2% Conc: 9.89657
%SSR(DCB) * 164.6% Conc: 16.48053

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**27.28**	
5.24	5.26	5.30	5860.11084	412.001855			1
5.41	5.44	5.47	29821.04882	642.043855			3
5.64	5.67	5.70	23667.91210	723.801978			4
Height summation:			**59349.071777**				
Concentration		CF:	**592.615896**	L:			
Aroclor-1260						**27.45**	
6.06	6.08	6.12	53931.17968	1909.013058			4
6.35	6.38	6.41	35437.58203	1109.053361			5
7.51	7.54	7.57	42597.94921	1847.676033			6
Height summation:			**131966.710938**				
Concentration		CF:	**1621.914151**	L:			

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<340	<66			4	15	
Aroclor-1221			<340	<104			3	5	
Aroclor-1232			<340	<66			4	10	
Aroclor-1242			<340	<66			4	30	
Aroclor-1248			<340	<66			4	30	
Aroclor-1254	A	629.473832	340	66		6.03	4	40	
Aroclor-1260	B	1621.914151	340	66		10.25	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

ASX05-0526

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454434** ACF DF20 AMS23 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 200 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:13:13
Instrument : CP02--H2601A
Result file : 9P2235.14R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 77.9% Conc.: 7.766755
%SSR(DCB) : *157.8% Conc.: 15.803576

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	178.83	
4.55	4.56	4.61	118.926392	4.269187			3
4.71	4.73	4.77	98.120094	8.565999			4
5.14	5.17	5.20	377.826477	41.916169			5
5.38	5.41	5.44	6065.03125	626.026384			6
Height Summation:			6659.904213				
Amount Avg CF:			170.194435	Linear:			
Aroclor-1232					4	195.53	
4.55	4.56	4.61	118.926392	8.751505			3
4.70	4.73	4.76	98.120094	18.439294			4
5.13	5.17	5.19	377.826477	89.368216			5
E 5.38	5.41	5.44	6065.03125	6818.472456			6
Height Summation:			6659.904213				
Amount Avg CF:			1733.757868	Linear:			
Aroclor-1242					4	193.14	
4.55	4.56	4.61	118.926392	5.391653			3
4.71	4.73	4.77	98.120094	10.950598			4
5.14	5.17	5.20	377.826477	50.77801			5
E 5.38	5.41	5.44	6065.03125	2534.223859			6
Height Summation:			6659.904213				
Amount Avg CF:			650.33603	Linear:			
Aroclor-1248					5	112.99	
4.55	4.56	4.61	118.926392	8.545662			1
5.01	5.04	5.07	587.77002	39.27256			2
5.62	5.64	5.68	9940.954102	640.050716			4
5.96	6.00	6.02	16566.75781	2020.050555			5
6.26	6.29	6.32	15887.70410	2738.881551			6
Height Summation:			43102.112429				
Amount Avg CF:			1089.360209	Linear:			
Aroclor-1254					6	80.23	
4.82	4.85	4.88	687.235962	59.469592			1
5.61	5.64	5.67	9940.954102	~~518.287651~~			2
5.96	6.00	6.02	16566.75781	603.404194			3
6.26	6.29	6.32	15887.70410	~~766.72965~~			4
6.52	6.55	6.58	17041.69335	1210.583793			5
6.68	6.71	6.74	48393.15234	2087.353993			6
Height Summation:			108517.497682				
Amount Avg CF:			874.304812	Linear:			
Aroclor-1260					6	42.23	
6.03	6.07	6.09	3608.415039	342.400498			1
6.14	6.17	6.20	21641.67187	1008.459026			2
6.41	6.44	6.47	39603.14843	1578.079997			3
6.68	6.71	6.74	48393.15234	~~1777.681008~~			4
6.77	6.80	6.83	17143.41406	1136.726393			5
6.98	7.01	7.04	24273.77929	1476.774046			6
Height Summation:			154663.581056				
Amount Avg CF:			1220.020161	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:13:13
Instrument : CP02--H2601B
Result file : 9P2235B.14R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 99.2% Conc.: 9.896579
%SSR(DCB) : *164.6% Conc.: 16.480539

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	116.10	
3.32	3.33	3.38	71.436401	3.794793			1
+ 3.65	3.68	3.71	70.951027	2.514322			2
3.65	3.70	3.71	142.0634	5.034362			2
3.84	3.88	3.90	309.331757	14.529207			3
4.66	4.69	4.72	765.394348	48.209141			6
Height Summation:			1288.225906				
Amount Avg CF:			17.891876	Linear:			
Aroclor-1221					3	94.43	
3.14	3.16	3.20	503.912109	47.998486			1
3.23	3.25	3.29	162.114532	21.518438			2
3.32	3.33	3.38	71.436401	2.73263			3
Height Summation:			737.463042				
Amount Avg CF:			24.083185	Linear:			
Aroclor-1232					5	141.31	
3.32	3.33	3.38	71.436401	3.297394			1
+ 3.65	3.68	3.71	70.951027	4.736937			2
3.65	3.70	3.71	142.0634	9.484646			2
3.83	3.88	3.89	309.331757	29.620967			3
4.34	4.35	4.40	1763.455566	296.204849			5
4.65	4.69	4.71	765.394348	95.242725			6
Height Summation:			3051.681472				
Amount Avg CF:			86.770116	Linear:			
Aroclor-1242					4	121.59	
3.32	3.33	3.38	71.436401	4.542567			1
+ 3.65	3.68	3.71	70.951027	3.175182			2
3.65	3.70	3.71	142.0634	6.357584			2
3.84	3.88	3.90	309.331757	17.925262			3
4.66	4.69	4.72	765.394348	66.062001			6
Height Summation:			1288.225906				
Amount Avg CF:			23.721854	Linear:			
Aroclor-1248					5	113.76	
4.14	4.16	4.20	166.600357	31.101943			1
4.52	4.55	4.58	1578.45459	63.89956			3
4.66	4.69	4.72	765.394348	43.53051			4
4.87	4.90	4.93	13077.92871	635.555882			5
5.07	5.09	5.13	6861.15918	561.131231			6
Height Summation:			22449.537186				
Amount Avg CF:			267.043825	Linear:			
Aroclor-1254					6	50.53	
5.24	5.26	5.30	5860.11084	~~412.001855~~			1
5.32	5.35	5.38	10261.85644	~~401.933965~~			2
5.41	5.44	5.47	29821.04882	642.043855			3
5.64	5.67	5.70	23667.91210	~~723.801978~~			4
5.94	5.98	6.00	14025.55273	739.046224			5
6.05	6.08	6.11	53931.17968	1396.772283			6
Height Summation:			137567.660644				
Amount Avg CF:			719.266693	Linear:			

ASX85 2527

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 07:48:35

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454434** ACF DF20 AMS23 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 200 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:13:13
Instrument : CP02--H2601A
Result file : 9P2235.14R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	64.36	
6.03	6.07	6.09	3608.415039	290.262682			1
6.13	6.17	6.19	21641.67187	1105.414472			2
6.40	6.44	6.46	39603.14843	1841.235298			3
6.67	6.71	6.73	48393.15234	2493.141723			4
6.76	6.80	6.82	17143.41406	647.408919			5
6.98	7.01	7.04	24273.77929	1105.440374			6
Height Summation:			**154663.581056**				
Amount Avg CF:			**1247.150578**	Linear:			
Aroclor-1268					5	61.75	
6.76	6.80	6.82	17143.41406	1448.964929			1
7.00	7.01	7.06	24273.77929	1691.458267			2
7.66	7.70	7.72	42243.51953	753.31128			3
8.01	8.05	8.07	3690.555176	79.771709			4
8.51	8.55	8.57	21537.75390	1164.528982			6
Height Summation:			**108889.021973**				
Amount Avg CF:			**1027.607033**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:13:13
Instrument : CP02--H2601B
Result file : 9P2235B.14R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	29.71	
5.43	5.44	5.49	29821.04882	2207.264534			1
5.54	5.57	5.60	39595.94531	1097.870947			2
5.74	5.76	5.80	54989.37890	1307.894834			3
6.06	6.08	6.12	53931.17968	1909.013058			4
6.35	6.38	6.41	35437.58203	1109.053361			5
7.51	7.54	7.57	42597.94921	1847.676033			6
Height Summation:			**256373.083985**				
Amount Avg CF:			**1579.795461**	Linear:			
Aroclor-1262					6	73.43	
6.05	6.08	6.11	53931.17968	3504.562095			1
6.14	6.18	6.20	10976.11621	867.427571			2
6.44	6.48	6.50	14562.04199	789.731926			3
6.88	6.91	6.94	30511.63085	895.018689			4
7.34	7.37	7.40	12350.27734	857.212559			5
7.86	7.90	7.92	39281.24218	2404.082818			6
Height Summation:			**161612.488282**				
Amount Avg CF:			**1553.005943**	Linear:			
Aroclor-1268					6	146.61	
6.10	6.13	6.16	14736.64160	723.775531			1
6.35	6.38	6.41	35437.58203	1367.977569			2
E 6.60	6.63	6.66	92580.57031	8204.529772			3
6.94	6.98	7.00	82788.54687	977.346586			4
7.16	7.19	7.22	6563.787109	76.314152			5
7.51	7.54	7.57	42597.94921	1075.829672			6
Height Summation:			**274705.077149**				
Amount Avg CF:			**2070.962214**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			340	66		** 161.95	4	15	
Aroclor-1221			340	104			3	5	
Aroclor-1232			340	66	E	** 180.94	4	10	
Aroclor-1242			340	66	E	** 185.92	4	30	
Aroclor-1248			340	66		** 121.25	4	30	
Aroclor-1254			340	66		19.46	4	40	
Aroclor-1260			340	66		25.70	4	40	
Aroclor-1262			0	0		21.85	4	40	
Aroclor-1268			0	0		** 67.34	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 07:48:35

Sample Name: **5454434ACF DF20 ADAMS23 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 05:23:13pm 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\9P2235.14R**
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	2.046		0.0000	0.000	159.9	0.014	BB	0.029	91.48	0.019
2	2.100		0.0000	0.000	215.7	0.019	BB	0.034	106.02	0.022
3	2.204		0.0000	0.000	1183.2	0.102	BB	0.050	390.79	0.082
4	2.298		0.0000	0.000	1952.1	0.169	BB	0.038	866.07	0.182
5	2.402		0.0000	0.000	3920.6	0.338	BB	0.049	1333.16	0.280
6	2.537		0.0000	0.000	1517.1	0.131	BB	0.042	609.22	0.128
7	2.703		0.0000	0.000	299.2	0.026	BB	0.052	95.19	0.020
8	2.807		0.0000	0.000	398.0	0.034	BB	0.058	113.57	0.024
9	2.926		0.0000	0.000	1874.8	0.162	BB	0.040	779.46	0.164
10	3.016		0.0000	0.000	199.6	0.017	BB	0.031	105.77	0.022
11	3.115		0.0000	0.000	886.9	0.077	BB	0.051	288.29	0.061
12	3.349	TCX	233.0027	32.951	8187.2	0.707	BB	0.037	3714.90	0.782
13	3.524		0.0000	0.000	968.6	0.084	BB	0.065	249.52	0.052
14	3.836		0.0000	0.000	6226.4	0.538	BB	0.040	2619.70	0.551
15	4.019		0.0000	0.000	93.4	0.008	BB	0.025	61.34	0.013
16	4.070		0.0000	0.000	1754.3	0.151	BB	0.323	90.54	0.019
17	4.562		0.0000	0.000	418.3	0.036	BB	0.059	118.93	0.025
18	4.640		0.0000	0.000	68.2	0.006	BB	0.027	41.72	0.009
19	4.731		0.0000	0.000	201.3	0.017	BB	0.034	98.12	0.021
20	4.847		0.0000	0.000	1113.9	0.096	BB	0.027	687.24	0.145
21	4.882		0.0000	0.000	229.9	0.020	BB	0.029	131.12	0.028
22	5.037		0.0000	0.000	1391.1	0.120	BB	0.039	587.77	0.124
23	5.174		0.0000	0.000	996.5	0.086	BB	0.044	377.83	0.079
24	5.321		0.0000	0.000	23.3	0.002	BB	0.021	18.53	0.004
25	5.360		0.0000	0.000	166.1	0.014	BB	0.024	116.30	0.024
26	5.414		0.0000	0.000	26975.6	2.329	BB	0.074	6065.03	1.276
27	5.580		0.0000	0.000	1801.5	0.156	BB	0.025	1205.88	0.254
28	5.641		0.0000	0.000	17945.7	1.549	BB	0.030	9940.95	2.091
29	5.687		0.0000	0.000	4454.9	0.385	BB	0.024	3104.08	0.653
30	5.773		0.0000	0.000	361.5	0.031	BB	0.020	297.60	0.063
31	5.839		0.0000	0.000	7896.2	0.682	BB	0.033	4024.93	0.847
32	5.915		0.0000	0.000	23679.4	2.044	BB	0.045	8781.20	1.847
33	5.996		0.0000	0.000	30062.6	2.595	BB	0.030	16566.76	3.485
34	6.068		0.0000	0.000	7045.1	0.608	BB	0.033	3608.42	0.759
35	6.107		0.0000	0.000	1637.0	0.141	BB	0.019	1446.14	0.304
36	6.169		0.0000	0.000	52111.0	4.499	BB	0.040	21641.67	4.553
37	6.291		0.0000	0.000	32457.3	2.802	BB	0.034	15887.70	3.342
38	6.370		0.0000	0.000	10552.5	0.911	BB	0.031	5756.98	1.211
39	6.442		0.0000	0.000	107932.8	9.318	BB	0.045	39603.15	8.332
40	6.554		0.0000	0.000	35922.3	3.101	BB	0.035	17041.69	3.585
41	6.661		0.0000	0.000	3270.5	0.282	BB	0.025	2140.30	0.450
42	6.709		0.0000	0.000	111031.7	9.585	BB	0.038	48393.15	10.181
43	6.797		0.0000	0.000	29032.3	2.506	BB	0.028	17143.41	3.607
44	6.853		0.0000	0.000	13891.7	1.199	BB	0.028	8380.98	1.763
45	7.014		0.0000	0.000	73317.3	6.329	BB	0.050	24273.78	5.107
46	7.095		0.0000	0.000	11907.7	1.028	BB	0.027	7245.50	1.524
47	7.146		0.0000	0.000	5516.8	0.476	BB	0.025	3678.32	0.774
48	7.211		0.0000	0.000	381.7	0.033	BB	0.026	244.17	0.051
49	7.276		0.0000	0.000	18100.3	1.563	BB	0.037	8120.86	1.708
50	7.364		0.0000	0.000	152254.4	13.144	BB	0.043	58691.17	12.347
51	7.555		0.0000	0.000	523.5	0.045	BB	0.055	159.96	0.034
52	7.700		0.0000	0.000	92417.5	7.978	BB	0.036	42243.52	8.887
53	7.796		0.0000	0.000	41095.0	3.548	BB	0.040	17310.04	3.642
54	7.936		0.0000	0.000	227.3	0.020	BB	0.029	130.00	0.027
55	8.046		0.0000	0.000	9570.1	0.826	BB	0.043	3690.56	0.776
56	8.207		0.0000	0.000	30556.4	2.638	BB	0.065	7837.52	1.649
57	8.431		0.0000	0.000	193.3	0.017	BB	0.038	84.65	0.018
58	8.549		0.0000	0.000	57886.4	4.997	BB	0.045	21537.75	4.531
59	8.650		0.0000	0.000	1370.1	0.118	BB	0.034	669.91	0.141
60	8.838		0.0000	0.000	1166.6	0.101	BB	0.090	215.60	0.045
61	8.953		0.0000	0.000	52.5	0.005	BB	0.032	27.71	0.006
62	9.032		0.0000	0.000	56609.6	4.887	BB	0.050	18773.52	3.950

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.227		0.0000	0.000	692.7	0.060	BB	0.078	147.87	0.031
64	9.424	DCB	474.1073	67.049	17798.8	1.537	BB	0.055	5419.72	1.140
65	9.586		0.0000	0.000	172.0	0.015	BB	0.038	75.42	0.016
66	9.763		0.0000	0.000	1575.8	0.136	BB	0.095	275.83	0.058
67	9.921		0.0000	0.000	32456.4	2.802	BB	0.055	9758.75	2.053

Total Area = 1158349.0, Total Amount = 707.11, Total Height = 475334.8, Sample Units = ug/l

ASX05 0530

Sample Name: **5454434ACF DF20 ADAMS23 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 05:23:13pm 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.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	2.058		0.0000	0.000	3681.2	0.212	BB	0.040	1551.99	0.199
2	2.146		0.0000	0.000	462.2	0.027	BB	0.049	158.41	0.020
3	2.236		0.0000	0.000	4078.5	0.235	BB	0.031	2178.40	0.280
4	2.280		0.0000	0.000	538.9	0.031	BB	0.022	415.04	0.053
5	2.413		0.0000	0.000	361.4	0.021	BB	0.037	164.08	0.021
6	2.496		0.0000	0.000	204.3	0.012	BB	0.023	146.99	0.019
7	2.569		0.0000	0.000	4193.1	0.242	BB	0.047	1501.99	0.193
8	2.681		0.0000	0.000	44.2	0.003	BB	0.010	73.97	0.010
9	2.697		0.0000	0.000	328.6	0.019	BB	0.027	199.77	0.026
10	2.823		0.0000	0.000	3161.6	0.182	BB	0.048	1108.58	0.142
11	2.880		0.0000	0.000	25.3	0.001	BB	0.006	65.02	0.008
12	2.922	TCX	296.8974	37.520	17106.1	0.986	BB	0.036	7908.34	1.016
13	3.047		0.0000	0.000	21.2	0.001	BB	0.006	61.36	0.008
14	3.079		0.0000	0.000	288.6	0.017	BB	0.024	200.83	0.026
15	3.130		0.0000	0.000	29.9	0.002	BB	0.008	66.33	0.009
16	3.164		0.0000	0.000	992.1	0.057	BB	0.033	503.91	0.065
17	3.247		0.0000	0.000	208.4	0.012	BB	0.021	162.11	0.021
18	3.330		0.0000	0.000	27.1	0.002	BB	0.006	71.44	0.009
19	3.381		0.0000	0.000	13880.4	0.800	BB	0.036	6338.99	0.815
20	3.530		0.0000	0.000	924.9	0.053	BB	0.046	331.94	0.043
21	3.647		0.0000	0.000	106.2	0.006	BB	0.028	63.12	0.008
22	3.680		0.0000	0.000	35.2	0.002	BB	0.008	70.95	0.009
23	3.696		0.0000	0.000	568.5	0.033	BB	0.067	142.06	0.018
24	3.879		0.0000	0.000	311.6	0.018	BB	0.017	309.33	0.040
25	3.980		0.0000	0.000	182.2	0.010	BB	0.029	103.34	0.013
26	4.013		0.0000	0.000	854.2	0.049	BB	0.100	143.01	0.018
27	4.163		0.0000	0.000	461.1	0.027	BB	0.046	166.60	0.021
28	4.280		0.0000	0.000	244.4	0.014	BB	0.021	190.29	0.024
29	4.345		0.0000	0.000	8352.7	0.481	BB	0.079	1763.46	0.227
30	4.546		0.0000	0.000	5591.3	0.322	BB	0.059	1578.45	0.203
31	4.686		0.0000	0.000	1773.0	0.102	BB	0.039	765.39	0.098
32	4.830		0.0000	0.000	159.1	0.009	BB	0.023	113.79	0.015
33	4.861		0.0000	0.000	415.8	0.024	BB	0.023	301.34	0.039
34	4.895		0.0000	0.000	30023.4	1.730	BB	0.038	13077.93	1.681
35	4.994		0.0000	0.000	2778.3	0.160	BB	0.023	1973.03	0.254
36	5.049		0.0000	0.000	24773.0	1.427	BB	0.027	15032.12	1.932
37	5.094		0.0000	0.000	14361.8	0.828	BB	0.035	6861.16	0.882
38	5.215		0.0000	0.000	1084.3	0.062	BB	0.023	769.06	0.099
39	5.265		0.0000	0.000	8732.3	0.503	BB	0.025	5860.11	0.753
40	5.306		0.0000	0.000	2883.8	0.166	BB	0.017	2817.22	0.362
41	5.348		0.0000	0.000	15268.5	0.880	BB	0.025	10261.86	1.319
42	5.402		0.0000	0.000	3282.6	0.189	BB	0.028	1942.17	0.250
43	5.441		0.0000	0.000	87591.1	5.047	BB	0.049	29821.05	3.833
44	5.571		0.0000	0.000	90079.3	5.191	BB	0.038	39595.95	5.089
45	5.668		0.0000	0.000	61335.7	3.534	BB	0.043	23667.91	3.042
46	5.764		0.0000	0.000	129932.4	7.487	BB	0.039	54989.38	7.067
47	5.909		0.0000	0.000	85905.2	4.950	BB	0.035	41046.81	5.275
48	5.975		0.0000	0.000	21844.9	1.259	BB	0.026	14025.55	1.803
49	6.034		0.0000	0.000	11939.2	0.688	BB	0.023	8688.68	1.117
50	6.085		0.0000	0.000	89617.6	5.164	BB	0.028	53931.18	6.931
51	6.125		0.0000	0.000	17557.6	1.012	BB	0.020	14736.64	1.894
52	6.176		0.0000	0.000	15322.3	0.883	BB	0.023	10976.12	1.411
53	6.326		0.0000	0.000	10620.4	0.612	BB	0.043	4082.66	0.525
54	6.380		0.0000	0.000	99193.0	5.716	BB	0.047	35437.58	4.555
55	6.476		0.0000	0.000	23905.6	1.377	BB	0.027	14562.04	1.872
56	6.521		0.0000	0.000	3890.2	0.224	BB	0.018	3521.10	0.453
57	6.555		0.0000	0.000	4176.1	0.241	BB	0.020	3532.00	0.454
58	6.631		0.0000	0.000	225157.1	12.974	BB	0.041	92580.57	11.899
59	6.723		0.0000	0.000	2035.3	0.117	BB	0.020	1734.97	0.223
60	6.813		0.0000	0.000	91.6	0.005	BB	0.012	129.82	0.017
61	6.915		0.0000	0.000	51329.4	2.958	BB	0.028	30511.63	3.921
62	6.976		0.0000	0.000	184969.0	10.658	BB	0.037	82788.55	10.640

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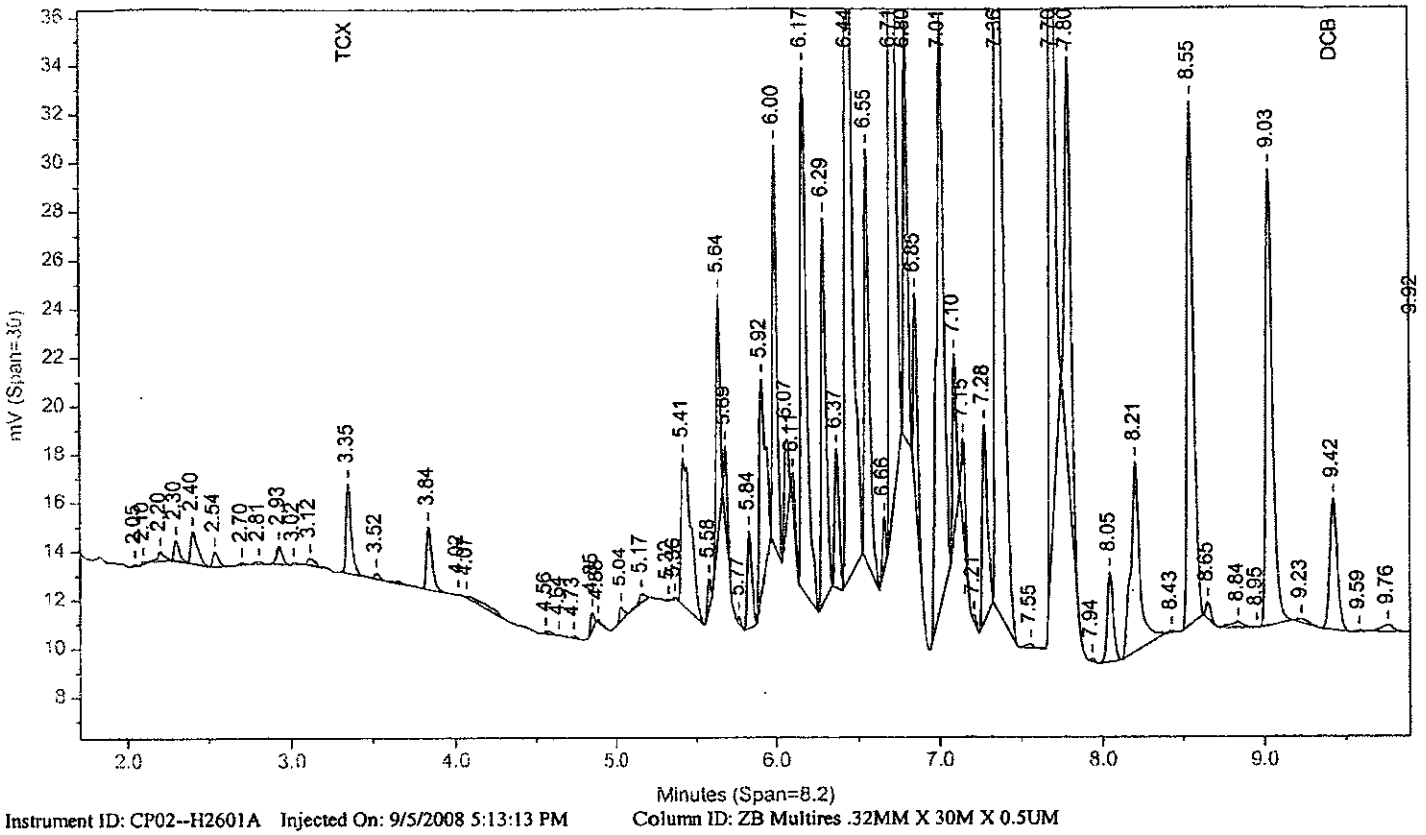
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.194		0.0000	0.000	12511.6	0.721	BB	0.032	6563.79	0.844
64	7.255		0.0000	0.000	1567.5	0.090	BB	0.020	1280.06	0.165
65	7.295		0.0000	0.000	4258.7	0.245	BB	0.028	2544.05	0.327
66	7.371		0.0000	0.000	27418.4	1.580	BB	0.037	12350.28	1.587
67	7.481		0.0000	0.000	27.4	0.002	BB	0.009	53.42	0.007
68	7.497		0.0000	0.000	43.3	0.002	BB	0.011	63.85	0.008
69	7.542		0.0000	0.000	106367.2	6.129	BB	0.042	42597.95	5.475
70	7.714		0.0000	0.000	71.2	0.004	BB	0.018	64.18	0.008
71	7.730		0.0000	0.000	757.6	0.044	BB	0.068	186.18	0.024
72	7.898		0.0000	0.000	103721.0	5.977	BB	0.044	39281.24	5.049
73	8.130		0.0000	0.000	63.0	0.004	BB	0.017	60.32	0.008
74	8.221	DCB	494.4162	62.480	32718.8	1.885	BB	0.048	11369.79	1.461
75	8.396		0.0000	0.000	53.3	0.003	BB	0.014	64.44	0.008
76	8.430		0.0000	0.000	67.9	0.004	BB	0.016	72.71	0.009
77	8.513		0.0000	0.000	62.2	0.004	BB	0.014	73.38	0.009
78	8.546		0.0000	0.000	130.2	0.008	BB	0.023	93.37	0.012
79	8.580		0.0000	0.000	26.7	0.002	BB	0.007	64.01	0.008
80	8.613		0.0000	0.000	150.6	0.009	BB	0.038	65.38	0.008
81	8.662		0.0000	0.000	6238.2	0.359	BB	0.066	1572.27	0.202
82	8.830		0.0000	0.000	17.3	0.001	BB	0.006	47.57	0.006
83	8.847		0.0000	0.000	28.3	0.002	BB	0.009	51.24	0.007
84	8.864		0.0000	0.000	38.5	0.002	BB	0.010	67.36	0.009
85	8.997		0.0000	0.000	906.9	0.052	BB	0.193	78.14	0.010
86	9.063		0.0000	0.000	2216.9	0.128	BB	0.122	302.82	0.039
87	9.314		0.0000	0.000	342.0	0.020	BB	0.063	90.11	0.012
88	9.414		0.0000	0.000	23.3	0.001	BB	0.008	48.49	0.006
89	9.446		0.0000	0.000	368.2	0.021	BB	0.038	161.02	0.021
90	9.564		0.0000	0.000	24.3	0.001	BB	0.007	58.54	0.008
91	9.580		0.0000	0.000	160.5	0.009	BB	0.036	74.64	0.010
92	9.714		0.0000	0.000	8946.4	0.516	BB	0.260	573.47	0.074
93	9.930		0.0000	0.000	36819.1	2.122	BB	0.060	10218.95	1.313

Total Area = 1735441.0, Total Amount = 791.314, Total Height = 778068.6, Sample Units = ug/l

ASX05 0532

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.14R

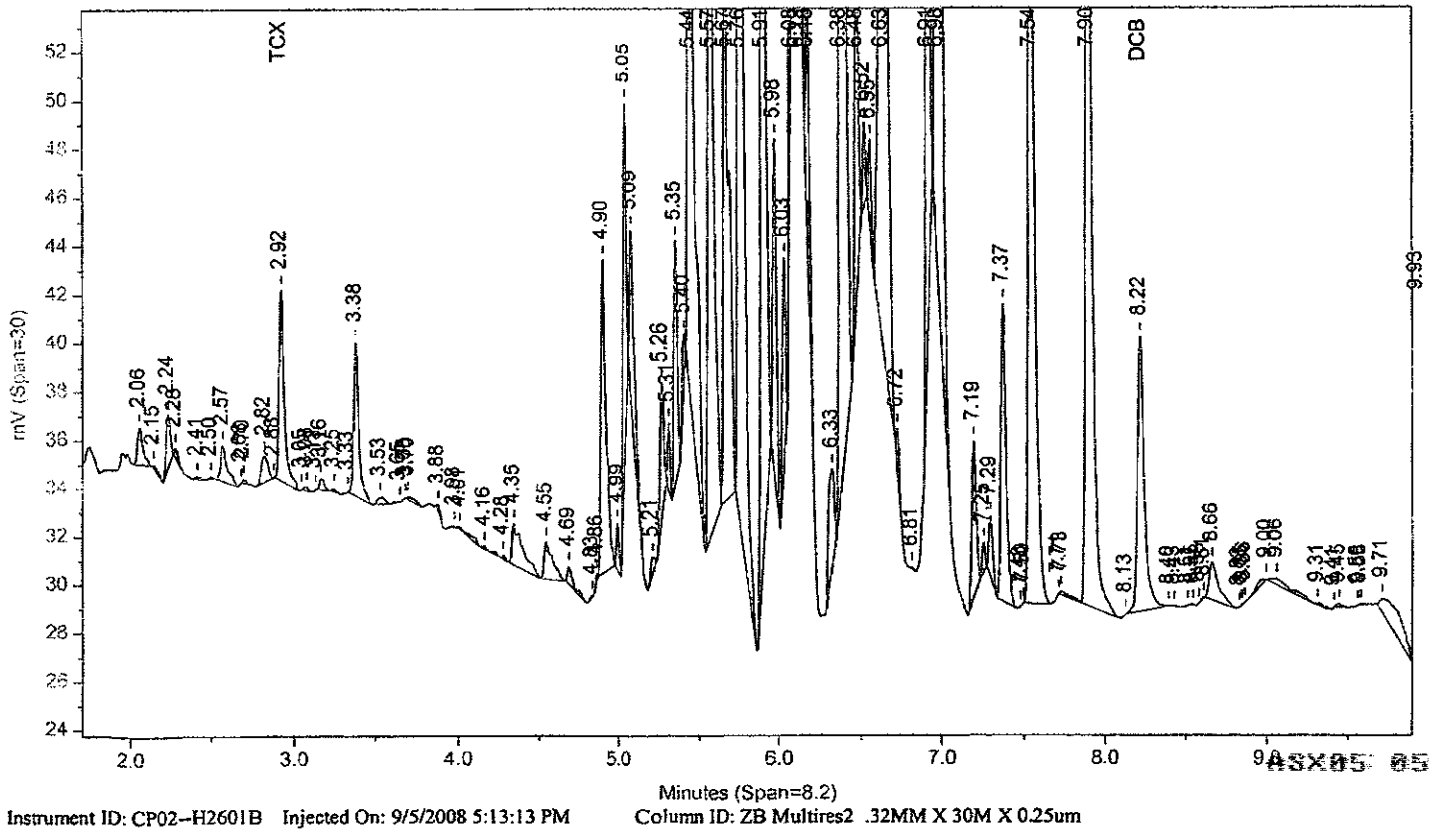
C:\CPWIN\DATA1\9P2235.14R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 5:13:13 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.14R

C:\CPWIN\DATA1\9P2235B.14R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 5:13:13 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: 30
Analyst: 2280

Dilution Factor: 200

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	3715	7.76676	TCX	2.922	7908	9.89658	TCX
9.424	5420	15.80358	DCB	8.221	11370	16.48054	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.14A
Area File: C:\CPWIN\DATA1\9P2235B.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: 9/5/2008 5:23:18 PM
File Reported On: 9/5/2008 at 5:23:23 PM

10X REPLOTS

ASX05 0534

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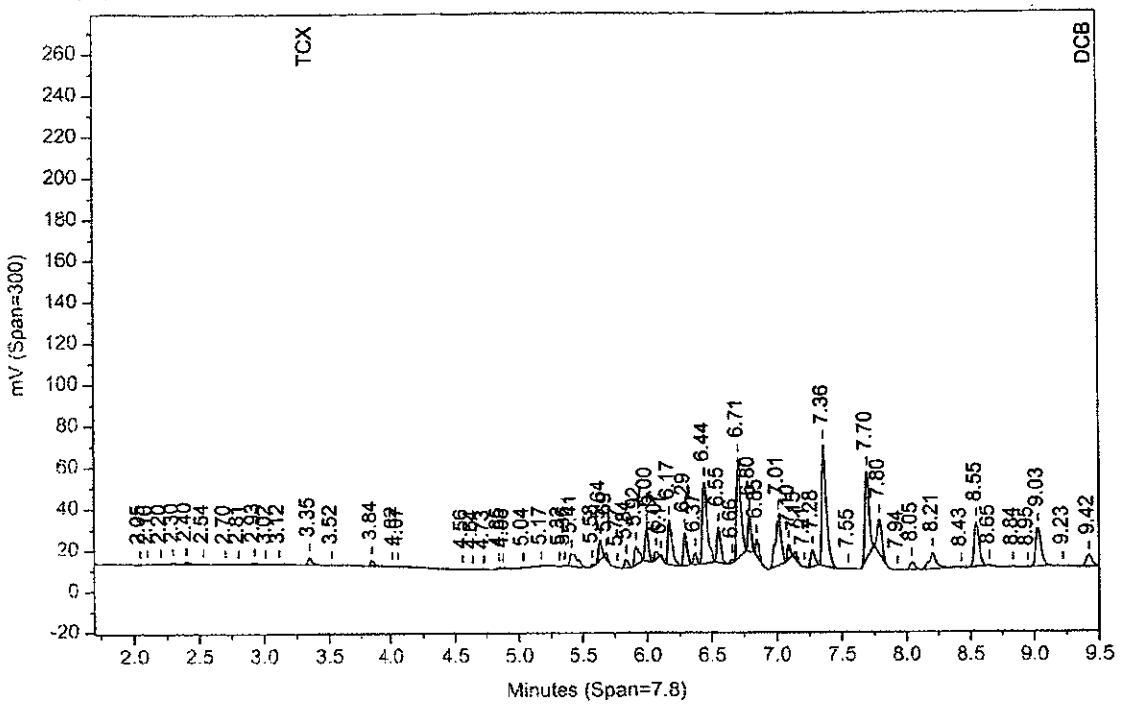

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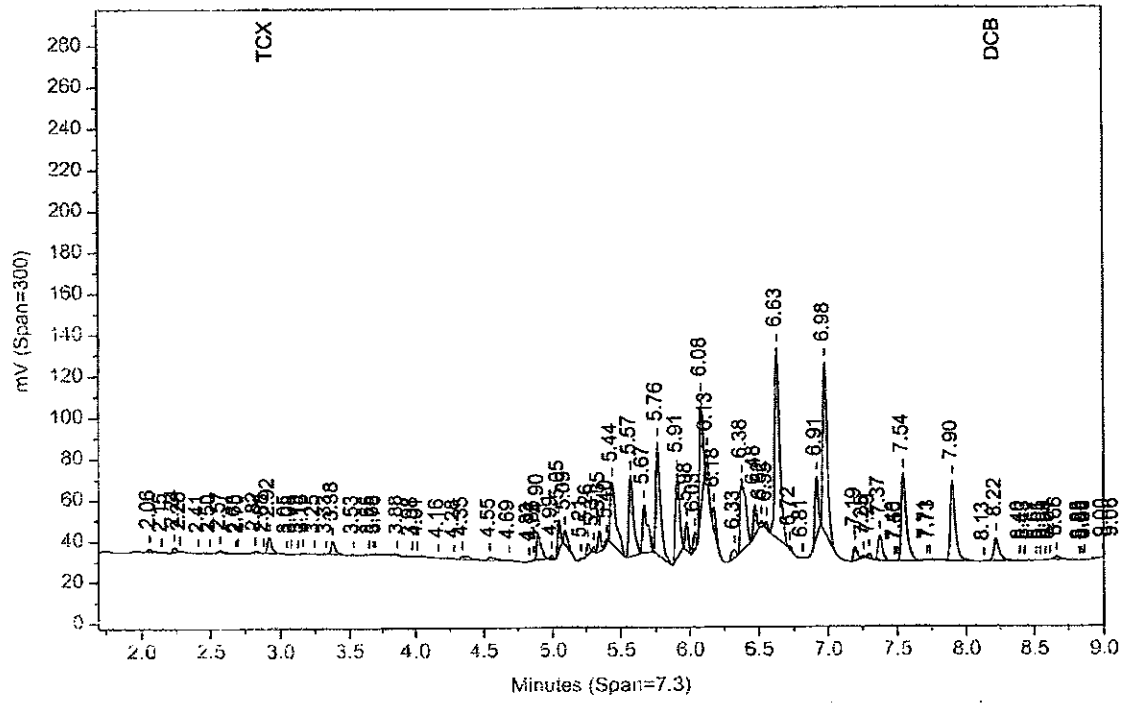


ASX85 4535

Multiple Component Data Summary

Sample Name: 5454435 ACF DF100 AMS43 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 21:13:01
Instrument H2601A
Result file 8P2235.46R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 75.0% Conc: 7.484366
%SSR(DCB) * 0.0% Conc: 0

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.28**	
6.03	6.07	6.09	23336.03125	11071.715188			1
6.14	6.17	6.20	54736.96875	12753.171403			2
6.41	6.44	6.47	82208.375	16378.924066			3
6.68	6.71	6.74	88462.07031:	16247.891977			4
6.77	6.80	6.83	36419.74218!	12074.398377			5
6.98	7.02	7.04	49640.51171!	15100.20719			6

Height summation: **334803.69922**
Concentration CF: **13937.718034** L:

Analysis Report (B)

Injected on Sep 04, 2008 21:13:01
Instrument H2601B
Result file 8P2235B.46R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 100.6% Conc: 10.03111
%SSR(DCB) 115.5% Conc: 11.57135

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**14.54**	
5.43	5.46	5.49	31006.89453	11475.186368			1
5.54	5.58	5.60	87438.15625	12121.924434			2
5.74	5.77	5.80	122487.8593:	14566.561917			3
6.06	6.09	6.12	93798.04687!	16600.943768			4
6.35	6.39	6.41	81768.07031:	12795.053722			5
7.51	7.54	7.57	56244.55859	12197.972532			6

Height summation: **472743.585938**
Concentration CF: **13292.940457** 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	13937.718034	1700	330		4.74	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Dejuhart Date: 9-5-08
Verified By: [signature] Date: 9.8.08

ASX05 0536

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454435** ACF DF100 AMS43 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 21:13:01
Instrument : CP02--H2601A
Result file : 8P2235.46R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 75% Conc.: 7.484366
%SSR(DCB) : *0% Conc.: 0

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	188.68	
4.55	4.57	4.61	342.535614	61.481243			3
4.71	4.75	4.77	104.563293	45.64249			4
5.14	5.18	5.20	169.13945	93.821875			5
5.38	5.42	5.44	8779.384766	4530.996025			6
Height Summation:			9395.623123				
Amount Avg CF:			1182.985408	Linear:			
Aroclor-1232					4	197.73	
4.55	4.57	4.61	342.535614	126.031832			3
4.70	4.75	4.76	104.563293	98.250686			4
5.13	5.18	5.19	169.13945	200.034829			5
E 5.38	5.42	5.44	8779.384766	49350.111107			6
Height Summation:			9395.623123				
Amount Avg CF:			12443.607114	Linear:			
Aroclor-1242					4	196.42	
4.55	4.57	4.61	342.535614	77.646065			3
4.71	4.75	4.77	104.563293	58.348424			4
5.14	5.18	5.20	169.13945	113.657528			5
E 5.38	5.42	5.44	8779.384766	18341.971725			6
Height Summation:			9395.623123				
Amount Avg CF:			4647.905936	Linear:			
Aroclor-1248					4	66.40	
4.55	4.57	4.61	342.535614	123.067454			1
5.62	5.65	5.68	15796.32812	5085.251893			4
5.96	6.00	6.02	10839.49121	6608.510998			5
6.26	6.29	6.32	6469.300293	5576.213878			6
Height Summation:			33447.655243				
Amount Avg CF:			4348.261056	Linear:			
Aroclor-1254					6	118.24	
4.82	4.85	4.88	382.86087	165.653292			1
5.61	5.65	5.67	15796.32812	4117.835029			2
5.96	6.00	6.02	10839.49121	1974.011611			3
6.26	6.29	6.32	6469.300293	1561.019867			4
6.52	6.56	6.58	26559.17382	9433.365777			5
6.68	6.71	6.74	88462.07031	19078.283468			6
Height Summation:			148509.224640				
Amount Avg CF:			6055.028174	Linear:			
Aroclor-1260					6	16.28	
6.03	6.07	6.09	23336.03125	11071.715188			1
6.14	6.17	6.20	54736.96875	12753.171403			2
6.41	6.44	6.47	82208.375	16378.924066			3
6.68	6.71	6.74	88462.07031	16247.891977			4
6.77	6.80	6.83	36419.74218	12074.398377			5
6.98	7.02	7.04	49640.51171	15100.20719			6
Height Summation:			334803.699220				
Amount Avg CF:			13937.718034	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 21:13:01
Instrument : CP02--H2601B
Result file : 8P2235B.46R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 100.6% Conc.: 10.031113
%SSR(DCB) : 115.5% Conc.: 11.57135

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					3	130.39	
3.32	3.37	3.38	5550.148926	1474.154887			1
3.65	3.68	3.71	259.10144	45.909447			2
4.66	4.70	4.72	809.122925	254.817147			6
Height Summation:			6618.373291				
Amount Avg CF:			591.62716	Linear:			
Aroclor-1221					2	90.63	
+ 3.14	3.15	3.20	241.190125	114.86885			1
3.14	3.18	3.20	487.829529	232.332966			1
3.32	3.37	3.38	5550.148926	1061.538697			3
Height Summation:			6037.978455				
Amount Avg CF:			646.935832	Linear:			
Aroclor-1232					4	74.02	
3.32	3.37	3.38	5550.148926	1280.931691			1
3.65	3.68	3.71	259.10144	86.492561			2
4.34	4.35	4.40	1103.346191	926.636593			5
4.65	4.70	4.71	809.122925	503.420703			6
Height Summation:			7721.719482				
Amount Avg CF:			699.370387	Linear:			
Aroclor-1242					4	111.69	
3.32	3.37	3.38	5550.148926	1764.641017			1
3.65	3.68	3.71	259.10144	57.976201			2
4.35	4.35	4.41	1103.346191	522.269332			5
4.66	4.70	4.72	809.122925	349.181307			6
Height Summation:			7721.719482				
Amount Avg CF:			673.516964	Linear:			
Aroclor-1248					2	125.17	
4.66	4.70	4.72	809.122925	230.087495			4
4.87	4.90	4.93	15529.15136	3773.397037			5
Height Summation:			16338.274292				
Amount Avg CF:			2001.742266	Linear:			
Aroclor-1254					6	142.99	
5.24	5.27	5.30	2100.672852	738.451145			1
5.32	5.35	5.38	5244.475098	1027.071798			2
5.41	5.46	5.47	31006.89453	3337.874905			3
5.64	5.67	5.70	2907.922607	444.644235			4
5.94	5.98	6.00	4825.693359	1271.397472			5
6.05	6.09	6.11	93798.04687	12146.453392			6
Height Summation:			139883.705322				
Amount Avg CF:			3160.982158	Linear:			
Aroclor-1260					6	14.54	
5.43	5.46	5.49	31006.89453	11475.186368			1
5.54	5.58	5.60	87438.15625	12121.924434			2
5.74	5.77	5.80	122487.8593	14566.561917			3
6.06	6.09	6.12	93798.04687	16600.943768			4
6.35	6.39	6.41	81768.07031	12795.053722			5
7.51	7.54	7.57	56244.55859	12197.972532			6
Height Summation:			472743.585938				
Amount Avg CF:			13292.940457	Linear:			

ASX05 0537

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:38:23

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454435** ACF DF100 AMS43 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 21:13:01
Instrument : CP02--H2601A
Result file : 8P2235.46R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	43.45	
6.03	6.07	6.09	23336.03125	9385.809191			1
6.13	6.17	6.19	54736.96875	13979.289062			2
6.40	6.44	6.46	82208.375	19110.218229			3
6.67	6.71	6.73	88462.07031	22787.157657			4
6.76	6.80	6.82	36419.74218	6876.829149			5
6.98	7.02	7.04	49640.51171	11303.271976			6
Height Summation:			**334803.699220**				
Amount Avg CF:			**13907.095877**	Linear:			
Aroclor-1268					6	94.37	
6.76	6.80	6.82	36419.74218	15391.020991			1
7.00	7.02	7.06	49640.51171	17295.381344			2
7.66	7.70	7.72	67719.35937	6038.057184			3
8.01	8.04	8.07	959.236877	103.669992			4
8.14	8.17	8.20	456.595154	195.80039			5
8.51	8.55	8.57	27838.63867	7526.063696			6
Height Summation:			**183034.083985**				
Amount Avg CF:			**7758.332266**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 21:13:01
Instrument : CP02--H2601B
Result file : 8P2235B.46R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	89.03	
E 6.05	6.09	6.11	93798.04687	30475.977118			1
6.14	6.18	6.20	25249.14062	9977.02662			2
6.44	6.48	6.50	35376.56640	9592.749405			3
6.88	6.92	6.94	31896.97851	4678.280231			4
7.34	7.37	7.40	24048.11523	8345.701812			5
7.86	7.90	7.92	11183.53418	3422.262239			6
Height Summation:			**221552.381836**				
Amount Avg CF:			**11081.999571**	Linear:			
Aroclor-1268					6	155.01	
6.10	6.13	6.16	33344.01953	8188.292186			1
6.35	6.39	6.41	81768.07031	15782.240153			2
E 6.60	6.63	6.66	196788.6718	87197.481707			3
6.94	6.98	7.00	142120.8906	8388.924106			4
7.16	7.20	7.22	1772.115356	103.017876			5
7.51	7.54	7.57	56244.55859	7102.403534			6
Height Summation:			**512038.326294**				
Amount Avg CF:			**21127.059927**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 66.65	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 178.72	4	10	
Aroclor-1242			1700	330	E	** 149.37	4	30	
Aroclor-1248			1700	330		** 73.91	4	30	
Aroclor-1254			1700	330		** 62.80	4	40	
Aroclor-1260			1700	330		4.74	4	40	
Aroclor-1262			0	0		22.61	4	40	
Aroclor-1268			0	0		** 92.56	4	40	

Units: _____

ASX85 8538

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:38:23

Sample Name: **5454435ACF DF100 ACAMS43 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 09:23:01pm 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\8P2235.46R**
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	2.009		0.0000	0.000	48.0	0.003	BB	0.018	44.75	0.006
2	2.103		0.0000	0.000	648.9	0.036	BB	0.034	320.18	0.043
3	2.163		0.0000	0.000	30.2	0.002	BB	0.023	21.67	0.003
4	2.209		0.0000	0.000	90.3	0.005	BB	0.023	66.64	0.009
5	2.245		0.0000	0.000	51.9	0.003	BB	0.020	42.87	0.006
6	2.306		0.0000	0.000	4289.6	0.239	BB	0.038	1894.15	0.253
7	2.440		0.0000	0.000	270.2	0.015	BB	0.036	125.70	0.017
8	2.543		0.0000	0.000	235.9	0.013	BB	0.042	92.90	0.012
9	2.708		0.0000	0.000	241.7	0.013	BB	0.048	83.07	0.011
10	2.810		0.0000	0.000	201.0	0.011	BB	0.063	53.42	0.007
11	2.903		0.0000	0.000	130.0	0.007	BB	0.025	86.75	0.012
12	2.932		0.0000	0.000	873.8	0.049	BB	0.029	505.36	0.067
13	3.029		0.0000	0.000	129.5	0.007	BB	0.032	67.85	0.009
14	3.119		0.0000	0.000	28.1	0.002	BB	0.019	24.75	0.003
15	3.156		0.0000	0.000	110.2	0.006	BB	0.023	79.09	0.011
16	3.355	TCX	224.5310	100.000	1999.6	0.111	BB	0.047	715.97	0.096
17	3.529		0.0000	0.000	998.5	0.056	BB	0.062	268.86	0.036
18	3.863		0.0000	0.000	6868.4	0.382	BB	0.042	2758.03	0.368
19	4.567		0.0000	0.000	1000.9	0.056	BB	0.049	342.54	0.046
20	4.747		0.0000	0.000	372.6	0.021	BB	0.059	104.56	0.014
21	4.854		0.0000	0.000	652.0	0.036	BB	0.028	382.86	0.051
22	4.923		0.0000	0.000	145.1	0.008	BB	0.026	94.34	0.013
23	5.181		0.0000	0.000	1217.0	0.068	BB	0.120	169.14	0.023
24	5.268		0.0000	0.000	711.7	0.040	BB	0.066	178.44	0.024
25	5.367		0.0000	0.000	73.8	0.004	BB	0.021	57.56	0.008
26	5.419		0.0000	0.000	23592.5	1.313	BB	0.045	8779.38	1.172
27	5.585		0.0000	0.000	3569.7	0.199	BB	0.029	2031.19	0.271
28	5.649		0.0000	0.000	37661.5	2.097	BB	0.040	15796.33	2.109
29	5.744		0.0000	0.000	149.1	0.008	BB	0.018	141.70	0.019
30	5.843		0.0000	0.000	1723.8	0.096	BB	0.032	889.74	0.119
31	5.935		0.0000	0.000	18942.3	1.055	BB	0.039	7996.00	1.067
32	6.000		0.0000	0.000	18936.2	1.054	BB	0.029	10839.49	1.447
33	6.071		0.0000	0.000	70058.0	3.900	BB	0.050	23336.03	3.115
34	6.173		0.0000	0.000	126988.0	7.069	BB	0.039	54736.97	7.307
35	6.292		0.0000	0.000	13709.2	0.763	BB	0.035	6469.30	0.864
36	6.373		0.0000	0.000	21705.4	1.208	BB	0.031	11703.78	1.562
37	6.444		0.0000	0.000	233132.9	12.978	BB	0.047	82208.38	10.974
38	6.562		0.0000	0.000	57374.3	3.194	BB	0.036	26559.17	3.545
39	6.666		0.0000	0.000	5661.6	0.315	BB	0.025	3850.70	0.514
40	6.712		0.0000	0.000	198136.1	11.030	BB	0.037	88462.07	11.809
41	6.800		0.0000	0.000	62408.0	3.474	BB	0.029	36419.74	4.862
42	6.857		0.0000	0.000	31225.9	1.738	BB	0.028	18517.06	2.472
43	7.017		0.0000	0.000	127843.4	7.117	BB	0.043	49640.51	6.627
44	7.097		0.0000	0.000	33402.2	1.859	BB	0.028	19681.84	2.627
45	7.151		0.0000	0.000	12587.3	0.701	BB	0.026	7971.54	1.064
46	7.278		0.0000	0.000	25612.6	1.426	BB	0.034	12662.92	1.690
47	7.365		0.0000	0.000	302767.7	16.855	BB	0.043	116183.10	15.510
48	7.558		0.0000	0.000	1470.7	0.082	BB	0.043	575.19	0.077
49	7.699		0.0000	0.000	149080.9	8.299	BB	0.037	67719.36	9.040
50	7.795		0.0000	0.000	24399.3	1.358	BB	0.035	11663.65	1.557
51	8.043		0.0000	0.000	3033.5	0.169	BB	0.053	959.24	0.128
52	8.166		0.0000	0.000	1146.2	0.064	BB	0.042	456.60	0.061
53	8.210		0.0000	0.000	26581.3	1.480	BB	0.039	11321.85	1.511
54	8.435		0.0000	0.000	199.9	0.011	BB	0.030	110.11	0.015
55	8.554		0.0000	0.000	75181.9	4.185	BB	0.045	27838.64	3.716
56	8.653		0.0000	0.000	2357.0	0.131	BB	0.033	1200.40	0.160
57	8.768		0.0000	0.000	136.7	0.008	BB	0.043	53.28	0.007
58	8.843		0.0000	0.000	305.5	0.017	BB	0.066	77.65	0.010
59	8.940		0.0000	0.000	54.9	0.003	BB	0.025	37.08	0.005
60	9.033		0.0000	0.000	16914.5	0.942	BB	0.050	5662.80	0.756
61	9.181		0.0000	0.000	385.5	0.021	BB	0.056	114.74	0.015
62	9.381		0.0000	0.000	13165.5	0.733	BB	0.107	2057.48	0.275

ASX85 0539

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.523		0.0000	0.000	899.6	0.050	BB	0.092	162.19	0.022
64	9.692		0.0000	0.000	381.6	0.021	BB	0.067	94.45	0.013
65	9.954		0.0000	0.000	32006.0	1.782	BB	0.096	5537.68	0.739

Total Area = 1796307.0, Total Amount = 224.531, Total Height = 749100.8, Sample Units = ug/l

ASX05 0548

Sample Name: **5454435ACF DF100 ACAMS43 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 09:23:01pm 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\8P2235B.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	2.034		0.0000	0.000	38.2	0.001	BB	0.005	117.76	0.009
2	2.061		0.0000	0.000	9130.5	0.331	BB	0.041	3691.81	0.292
3	2.216		0.0000	0.000	255.9	0.009	BB	0.010	407.27	0.032
4	2.250		0.0000	0.000	213.4	0.008	BB	0.010	348.31	0.028
5	2.270		0.0000	0.000	262.7	0.010	BB	0.019	231.58	0.018
6	2.323		0.0000	0.000	1162.4	0.042	BB	0.067	289.79	0.023
7	2.434		0.0000	0.000	713.0	0.026	BB	0.029	410.72	0.033
8	2.501		0.0000	0.000	984.2	0.036	BB	0.028	578.94	0.046
9	2.557		0.0000	0.000	111.1	0.004	BB	0.018	100.81	0.008
10	2.573		0.0000	0.000	2498.1	0.091	BB	0.035	1204.22	0.095
11	2.647		0.0000	0.000	118.3	0.004	BB	0.008	261.17	0.021
12	2.766		0.0000	0.000	2071.5	0.075	BB	0.058	594.98	0.047
13	2.824		0.0000	0.000	1369.0	0.050	BB	0.038	597.32	0.047
14	2.926	TCX	300.9334	46.435	4130.6	0.150	BB	0.043	1603.17	0.127
15	3.043		0.0000	0.000	896.1	0.032	BB	0.027	551.79	0.044
16	3.097		0.0000	0.000	279.8	0.010	BB	0.010	474.61	0.038
17	3.148		0.0000	0.000	238.0	0.009	BB	0.016	241.19	0.019
18	3.175		0.0000	0.000	825.1	0.030	BB	0.028	487.83	0.039
19	3.371		0.0000	0.000	15333.0	0.556	BB	0.046	5550.15	0.440
20	3.541		0.0000	0.000	495.3	0.018	BB	0.020	407.56	0.032
21	3.566		0.0000	0.000	266.8	0.010	BB	0.017	257.98	0.020
22	3.589		0.0000	0.000	319.5	0.012	BB	0.018	298.21	0.024
23	3.680		0.0000	0.000	72.9	0.003	BB	0.005	259.10	0.021
24	3.746		0.0000	0.000	400.3	0.015	BB	0.023	288.41	0.023
25	3.827		0.0000	0.000	5062.6	0.183	BB	0.095	885.13	0.070
26	3.948		0.0000	0.000	245.0	0.009	BB	0.011	372.73	0.030
27	3.997		0.0000	0.000	882.0	0.032	BB	0.039	372.56	0.030
28	4.031		0.0000	0.000	2998.7	0.109	BB	0.050	1001.91	0.079
29	4.240		0.0000	0.000	4004.0	0.145	BB	0.101	662.61	0.052
30	4.350		0.0000	0.000	3749.3	0.136	BB	0.057	1103.35	0.087
31	4.479		0.0000	0.000	317.5	0.012	BB	0.015	360.77	0.029
32	4.651		0.0000	0.000	422.0	0.015	BB	0.020	354.22	0.028
33	4.700		0.0000	0.000	3415.7	0.124	BB	0.070	809.12	0.064
34	4.901		0.0000	0.000	33976.7	1.231	BB	0.036	15529.15	1.230
35	4.999		0.0000	0.000	4801.1	0.174	BB	0.024	3281.23	0.260
36	5.054		0.0000	0.000	74500.5	2.700	BB	0.045	27658.74	2.191
37	5.203		0.0000	0.000	78.6	0.003	BB	0.009	138.55	0.011
38	5.234		0.0000	0.000	961.2	0.035	BB	0.033	482.07	0.038
39	5.268		0.0000	0.000	5657.0	0.205	BB	0.045	2100.67	0.166
40	5.354		0.0000	0.000	8149.8	0.295	BB	0.026	5244.48	0.415
41	5.461		0.0000	0.000	65358.2	2.368	BB	0.035	31006.89	2.456
42	5.499		0.0000	0.000	10634.8	0.385	BB	0.022	8207.24	0.650
43	5.578		0.0000	0.000	200096.3	7.251	BB	0.038	87438.16	6.925
44	5.673		0.0000	0.000	3033.2	0.110	BB	0.017	2907.92	0.230
45	5.712		0.0000	0.000	30128.1	1.092	BB	0.027	18634.39	1.476
46	5.772		0.0000	0.000	293504.8	10.635	BB	0.040	122487.90	9.701
47	5.915		0.0000	0.000	208580.9	7.558	BB	0.036	96562.63	7.648
48	5.983		0.0000	0.000	5557.0	0.201	BB	0.019	4825.69	0.382
49	6.040		0.0000	0.000	28300.8	1.026	BB	0.024	19352.80	1.533
50	6.089		0.0000	0.000	158842.3	5.756	BB	0.028	93798.05	7.429
51	6.130		0.0000	0.000	42946.7	1.556	BB	0.021	33344.02	2.641
52	6.182		0.0000	0.000	35464.9	1.285	BB	0.023	25249.14	2.000
53	6.317		0.0000	0.000	28247.4	1.024	BB	0.035	13578.57	1.075
54	6.385		0.0000	0.000	196796.9	7.131	BB	0.040	81768.07	6.476
55	6.481		0.0000	0.000	55607.7	2.015	BB	0.026	35376.57	2.802
56	6.524		0.0000	0.000	10583.4	0.383	BB	0.018	9640.03	0.763
57	6.561		0.0000	0.000	9558.5	0.346	BB	0.019	8430.68	0.668
58	6.634		0.0000	0.000	485519.4	17.593	BB	0.041	196788.70	15.585
59	6.919		0.0000	0.000	52382.5	1.898	BB	0.027	31896.98	2.526
60	6.977		0.0000	0.000	341666.5	12.381	BB	0.040	142120.90	11.256
61	7.198		0.0000	0.000	3273.7	0.119	BB	0.031	1772.12	0.140
62	7.255		0.0000	0.000	9859.2	0.357	BB	0.037	4389.27	0.348

ASX05 8541

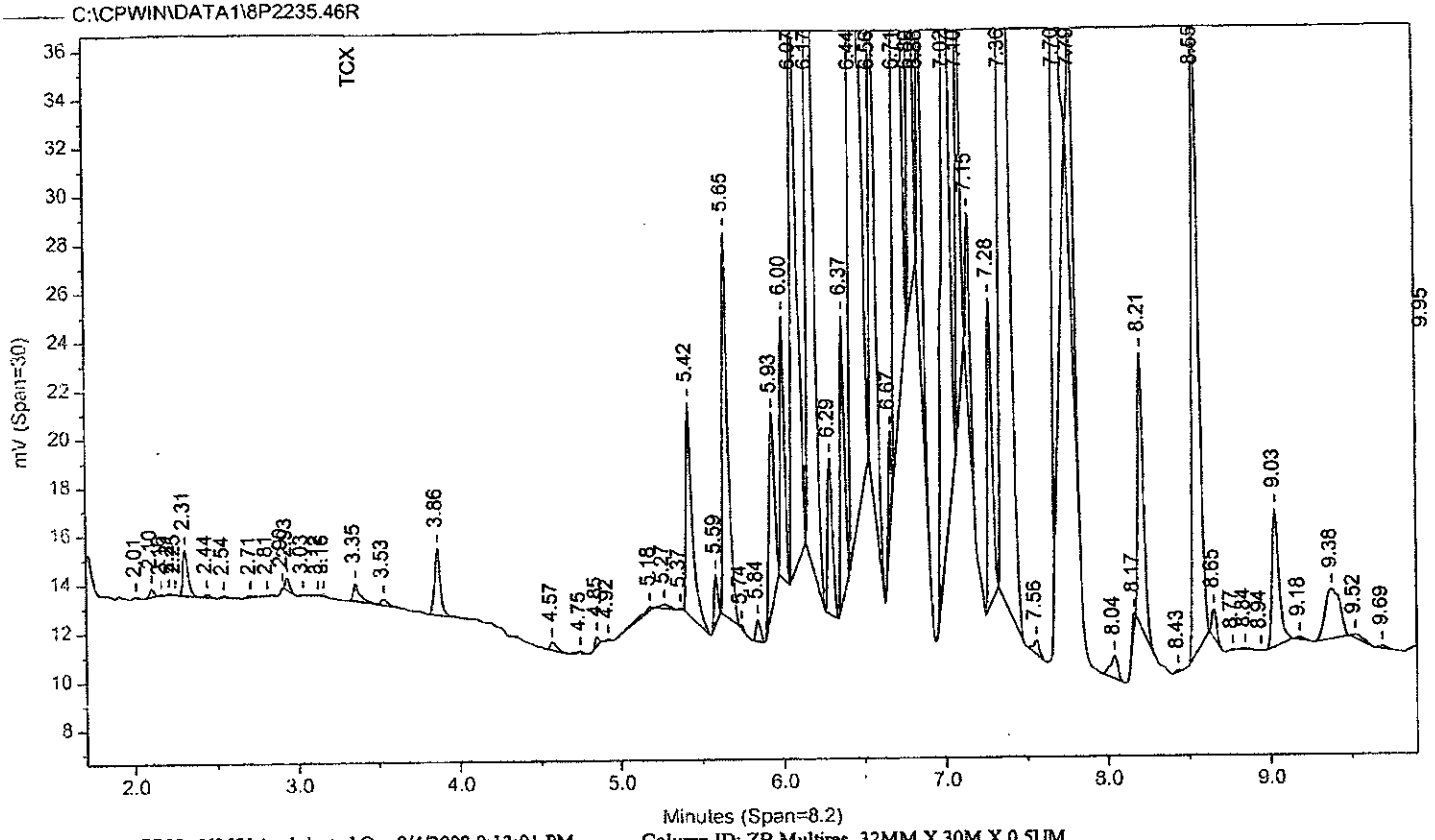
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.372		0.0000	0.000	56598.2	2.051	BB	0.039	24048.12	1.905
64	7.543		0.0000	0.000	150008.3	5.436	BB	0.044	56244.56	4.454
65	7.719		0.0000	0.000	173.2	0.006	BB	0.011	255.77	0.020
66	7.750		0.0000	0.000	1368.0	0.050	BB	0.027	837.48	0.066
67	7.826		0.0000	0.000	1673.9	0.061	BB	0.041	682.37	0.054
68	7.900		0.0000	0.000	26045.6	0.944	BB	0.039	11183.53	0.886
69	7.994		0.0000	0.000	6953.2	0.252	BB	0.051	2274.72	0.180
70	8.167		0.0000	0.000	1331.4	0.048	BB	0.035	640.73	0.051
71	8.217	DCB	347.1405	53.565	4782.7	0.173	BB	0.050	1596.60	0.126
72	8.347		0.0000	0.000	128.6	0.005	BB	0.006	386.41	0.031
73	8.397		0.0000	0.000	361.9	0.013	BB	0.023	264.72	0.021
74	8.467		0.0000	0.000	571.6	0.021	BB	0.037	258.55	0.020
75	8.527		0.0000	0.000	1350.8	0.049	BB	0.050	454.34	0.036
76	8.663		0.0000	0.000	6116.9	0.222	BB	0.079	1291.70	0.102
77	8.790		0.0000	0.000	329.8	0.012	BB	0.015	360.91	0.029
78	8.848		0.0000	0.000	140.9	0.005	BB	0.012	196.91	0.016
79	8.878		0.0000	0.000	146.8	0.005	BB	0.008	297.09	0.024
80	8.928		0.0000	0.000	74.6	0.003	BB	0.008	157.37	0.012
81	8.966		0.0000	0.000	588.2	0.021	BB	0.016	594.53	0.047
82	9.016		0.0000	0.000	1640.4	0.059	BB	0.090	304.65	0.024
83	9.183		0.0000	0.000	323.7	0.012	BB	0.030	182.37	0.014
84	9.231		0.0000	0.000	574.0	0.021	BB	0.024	394.00	0.031
85	9.298		0.0000	0.000	235.5	0.009	BB	0.017	231.50	0.018
86	9.316		0.0000	0.000	35.2	0.001	BB	0.003	194.09	0.015
87	9.345		0.0000	0.000	271.3	0.010	BB	0.024	186.81	0.015
88	9.407		0.0000	0.000	301.5	0.011	BB	0.013	398.97	0.032
89	9.433		0.0000	0.000	158.2	0.006	BB	0.020	130.85	0.010
90	9.466		0.0000	0.000	187.9	0.007	BB	0.018	169.65	0.013
91	9.484		0.0000	0.000	103.6	0.004	BB	0.015	113.31	0.009
92	9.496		0.0000	0.000	775.8	0.028	BB	0.034	380.19	0.030
93	9.617		0.0000	0.000	65.9	0.002	BB	0.009	118.66	0.009
94	9.644		0.0000	0.000	595.7	0.022	BB	0.029	342.83	0.027
95	9.699		0.0000	0.000	2119.8	0.077	BB	0.091	386.71	0.031
96	9.846		0.0000	0.000	218.2	0.008	BB	0.011	322.43	0.026
97	9.937		0.0000	0.000	25927.5	0.940	BB	0.057	7574.44	0.600
98	9.997		0.0000	0.000	64.9	0.002	BB	369.071	0.00	0.000

Total Area = 2759696.0, Total Amount = 648.074, Total Height = 1262646.0, Sample Units = ug/l

ASX05 0542

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.46R

C:\CPWIN\DATA1\8P2235.46R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 9:13:01 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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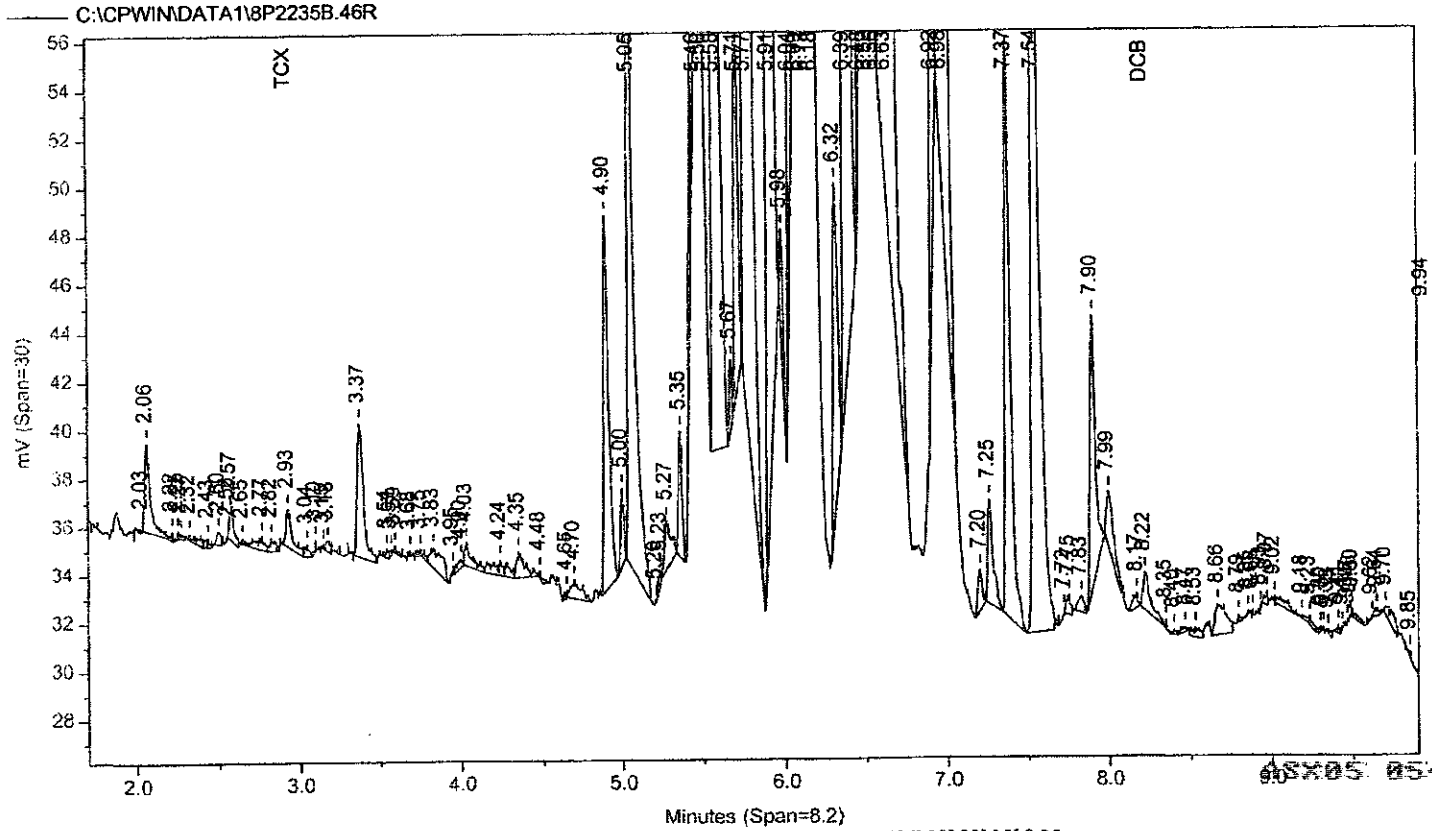

Instrument ID: CP02--H2601B Injected On: 9/4/2008 9:13:01 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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
3.355	716	7.48437	TCX	2.926	1603	10.03111	TCX
.	0	.	DCB	8.217	1597	11.57135	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.46A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 9:23:08 PM
File Reported On: 9/4/2008 at 9:23:14 PM

10X REPLOTS

ASX05 0544

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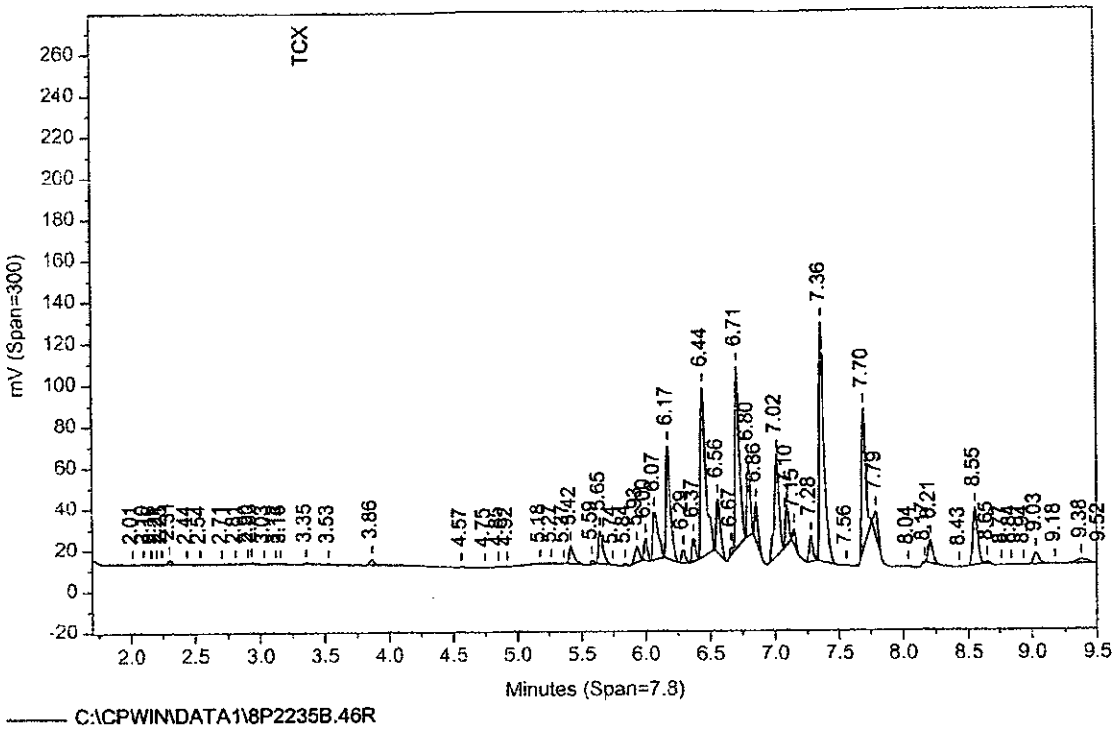

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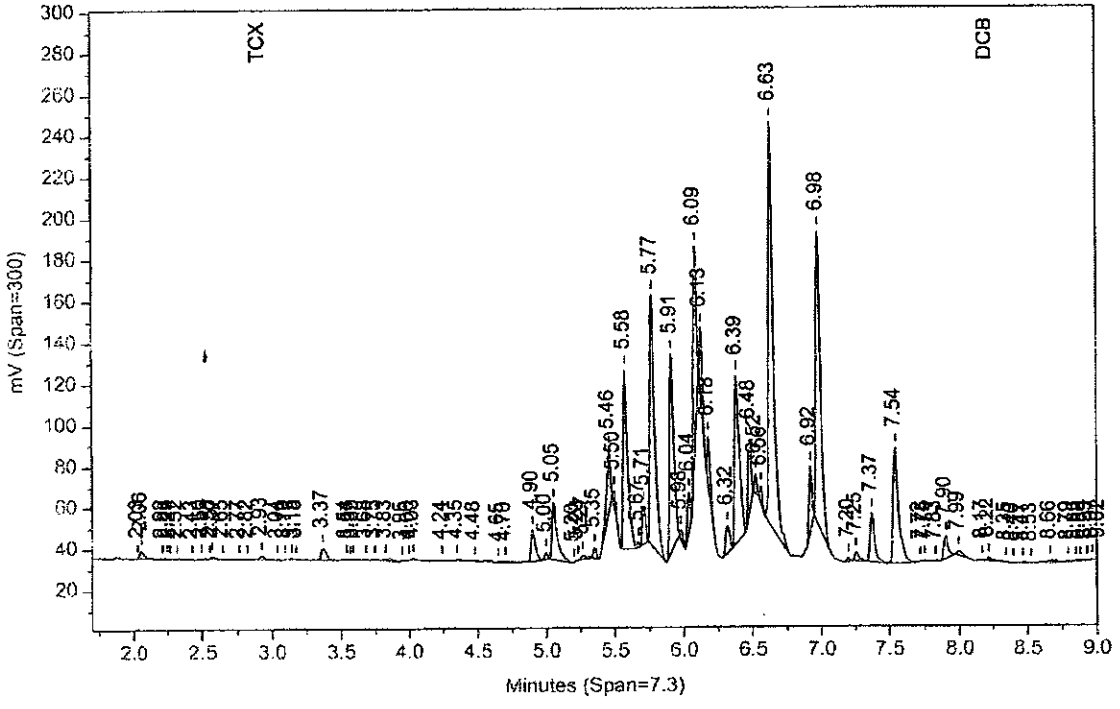


ASX85 0545

Multiple Component Data Summary

Sample Name: 5454436 ACF DF50 AMS24 Sample ID: AC **Batchnumber:** 082460004A
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 21:27:26
Instrument H2601A
Result file 8P2235.47R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 81.0% Conc: 8.080953
%SSR(DCB) 94.4% Conc: 9.451654

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.04**	
6.03	6.06	6.09	25215.96289	5981.821766			1
6.14	6.17	6.20	60584.81640	7057.830984			2
6.41	6.44	6.47	88504.53125	8816.674681			3
6.68	6.71	6.74	93300.26562	8568.263392			4
6.77	6.80	6.83	33874.08593	5615.212845			5
6.98	7.02	7.04	49343.8125	7504.976948			6

Height summation: **350823.47461**
Concentration CF: **7257.463436** L:

Analysis Report (B)

Injected on Sep 04, 2008 21:27:26
Instrument H2601B
Result file 8P2235B.47R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 109.8% Conc: 10.94938
%SSR(DCB) 117.8% Conc: 11.80043

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**30.67**	
5.43	5.46	5.49	67209.125	12436.544302			1
5.54	5.57	5.60	101244.7109	7017.99299			2
5.74	5.76	5.80	126383.375	7514.913178			3
6.06	6.08	6.12	98601.75781	8725.566744			4
6.35	6.38	6.41	79073.60156	6186.711855			5
7.51	7.54	7.57	53181.70312	5766.859676			6

Height summation: **525694.273439**
Concentration CF: **7941.431458** 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	7941.431458	850	165		9.00	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9.8.08

ASX05 0546

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454436** ACF DF50 AMS24 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 21:27:26
Instrument : CP02--H2601A
Result file : 8P2235.47R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 81% Conc.: 8.080953
%SSR(DCB) : 94.4% Conc.: 9.451654

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**195.13**	
4.26	4.29	4.32	329.679321	66.012967			2
4.55	4.60	4.61	1161.648438	104.251335			3
4.71	4.74	4.77	66.389351	14.48967			4
5.14	5.18	5.20	1115.443237	309.368915			5
5.38	5.41	5.44	16654.17187	4297.56689			6
Height Summation:			**19327.332222**				
Amount Avg CF:			**958.337955**	Linear:			
Aroclor-1232					**5**	**217.53**	
4.26	4.29	4.32	329.679321	137.71066			2
4.55	4.60	4.61	1161.648438	213.707239			3
4.70	4.74	4.76	66.389351	31.190675			4
5.13	5.18	5.19	1115.443237	659.596261			5
E 5.38	5.41	5.44	16654.17187	46807.67812			6
Height Summation:			**19327.332222**				
Amount Avg CF:			**9569.976591**	Linear:			
Aroclor-1242					**5**	**214.21**	
4.26	4.29	4.32	329.679321	82.341606			2
4.55	4.60	4.61	1161.648438	131.661389			3
4.71	4.74	4.77	66.389351	18.523298			4
5.14	5.18	5.20	1115.443237	374.775136			5
E 5.38	5.41	5.44	16654.17187	17397.024835			6
Height Summation:			**19327.332222**				
Amount Avg CF:			**3600.865253**	Linear:			
Aroclor-1248					**5**	**92.52**	
4.55	4.60	4.61	1161.648438	208.68066			1
5.01	5.04	5.07	390.23703	65.18539			2
5.62	5.64	5.68	24754.84960	3984.617337			4
5.96	5.99	6.02	19136.15429	5833.368175			5
6.26	6.29	6.32	15724.47460	6776.856041			6
Height Summation:			**61167.363983**				
Amount Avg CF:			**3373.741521**	Linear:			
Aroclor-1254					**6**	**92.66**	
4.82	4.85	4.88	1750.344604	378.66281			1
5.61	5.64	5.67	24754.84960	3226.584876			2
5.96	5.99	6.02	19136.15429	1742.470659			3
6.26	6.29	6.32	15724.47460	1897.130768			4
6.52	6.56	6.58	30855.98828	5479.760511			5
6.68	6.71	6.74	93300.26562	10060.859467			6
Height Summation:			**185522.077025**				
Amount Avg CF:			**3797.578182**	Linear:			
Aroclor-1260					**6**	**18.04**	
6.03	6.06	6.09	25215.96289	5981.821766			1
6.14	6.17	6.20	60584.81640	7057.830984			2
6.41	6.44	6.47	88504.53125	8816.674681			3
6.68	6.71	6.74	93300.26562	8568.263392			4
6.77	6.80	6.83	33874.08593	5615.212845			5
6.98	7.02	7.04	49343.8125	7504.976948			6
Height Summation:			**350823.474610**				
Amount Avg CF:			**7257.463436**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 21:27:26
Instrument : CP02--H2601B
Result file : 8P2235B.47R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 109.8% Conc.: 10.949389
%SSR(DCB) : 117.8% Conc.: 11.800436

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**108.47**	
+ 3.32	3.34	3.38	232.881027	30.927342			1
3.32	3.37	3.38	1762.303955	234.039575			1
3.84	3.86	3.90	854.851685	100.380229			3
4.08	4.11	4.14	574.706787	30.130319			4
+ 4.35	4.38	4.41	1798.557617	353.471757			5
4.35	4.41	4.41	4684.666016	920.680612			5
4.66	4.69	4.72	2197.143311	345.973258			6
Height Summation:			**10073.671754**				
Amount Avg CF:			**326.240799**	Linear:			
Aroclor-1221					**2**	**0.54**	
3.14	3.17	3.20	702.320374	167.243029			1
+ 3.32	3.34	3.38	232.881027	22.270774			3
3.32	3.37	3.38	1762.303955	168.53186			3
Height Summation:			**2464.624329**				
Amount Avg CF:			**167.887445**	Linear:			
Aroclor-1232					**5**	**100.94**	
+ 3.32	3.34	3.38	232.881027	26.873575			1
3.32	3.37	3.38	1762.303955	203.3631			1
3.83	3.86	3.89	854.851685	204.647057			3
4.07	4.11	4.13	574.706787	58.163994			4
4.34	4.35	4.40	2892.912598	1214.79491			5
+ 4.34	4.38	4.40	1798.557617	755.252212			5
4.65	4.69	4.71	2197.143311	683.510129			6
Height Summation:			**8281.918336**				
Amount Avg CF:			**472.895838**	Linear:			
Aroclor-1242					**5**	**105.43**	
+ 3.32	3.34	3.38	232.881027	37.021656			1
3.32	3.37	3.38	1762.303955	280.157693			1
3.84	3.86	3.90	854.851685	123.843088			3
4.08	4.11	4.14	574.706787	38.161901			4
+ 4.35	4.38	4.41	1798.557617	425.67396			5
4.35	4.41	4.41	4684.666016	1108.744205			5
4.66	4.69	4.72	2197.143311	474.094448			6
Height Summation:			**10073.671754**				
Amount Avg CF:			**405.000267**	Linear:			
Aroclor-1248					**6**	**111.24**	
+ 4.14	4.15	4.20	1829.465332	853.838604			1
4.14	4.20	4.20	2474.210693	1154.750827			1
+ 4.35	4.38	4.41	1798.557617	317.396703			2
4.35	4.41	4.41	4684.666016	826.716661			2
4.52	4.55	4.58	1166.03064	118.009167			3
4.66	4.69	4.72	2197.143311	312.397032			4
4.87	4.90	4.93	30180.60351	3666.761859			5
5.07	5.09	5.13	4229.27002	864.713757			6
Height Summation:			**44931.924196**				
Amount Avg CF:			**1157.224884**	Linear:			

ASX05 0547

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:39:07

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454436** ACF DF50 AMS24 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 21:27:26
Instrument : CP02--H2601A
Result file : 8P2235.47R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**45.70**	
6.03	6.06	6.09	25215.96289	5070.961162			1
6.13	6.17	6.19	60584.81640	7736.386218			2
6.40	6.44	6.46	88504.53125	10286.913629			3
6.67	6.71	6.73	93300.26562	12016.720017			4
6.76	6.80	6.82	33874.08593	3198.077301			5
6.98	7.02	7.04	49343.8125	5617.856401			6
Height Summation:			**350823.474610**				
Amount Avg CF:			**7321.152455**	Linear:			
Aroclor-1268					**5**	**77.06**	
6.76	6.80	6.82	33874.08593	7157.612004			1
7.00	7.02	7.06	49343.8125	8596.003794			2
7.66	7.70	7.72	65306.83593	2911.47475			3
8.01	8.04	8.07	654.588257	35.372472			4
8.51	8.55	8.57	26440.66796	3574.063977			6
Height Summation:			**175619.990602**				
Amount Avg CF:			**4454.905399**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 21:27:26
Instrument : CP02--H2601B
Result file : 8P2235B.47R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**92.08**	
5.24	5.26	5.30	5090.305176	894.699449			1
5.32	5.35	5.38	11484.13964	1124.52016			2
5.41	5.46	5.47	67209.125	3617.512413			3
5.64	5.67	5.70	10523.01855	804.526146			4
5.94	5.98	6.00	12036.11621	1585.542904			5
6.05	6.08	6.11	98601.75781	6384.256898			6
Height Summation:			**204944.462403**				
Amount Avg CF:			**2401.842995**	Linear:			
Aroclor-1260					**6**	**30.67**	
5.43	5.46	5.49	67209.125	12436.544302			1
5.54	5.57	5.60	101244.7109	7017.99299			2
5.74	5.76	5.80	126383.375	7514.913178			3
6.06	6.08	6.12	98601.75781	8725.566744			4
6.35	6.38	6.41	79073.60156	6186.711855			5
7.51	7.54	7.57	53181.70312	5766.859676			6
Height Summation:			**525694.273439**				
Amount Avg CF:			**7941.431458**	Linear:			
Aroclor-1262					**6**	**91.24**	
E 6.05	6.08	6.11	98601.75781	16018.376795			1
6.14	6.18	6.20	27929.92968	5518.161116			2
6.44	6.48	6.50	35853.28515	4861.008498			3
6.88	6.92	6.94	30077.99218	2205.746168			4
7.34	7.37	7.40	22168.0625	3846.622439			5
7.86	7.90	7.92	12780.18847	1955.426421			6
Height Summation:			**227411.215822**				
Amount Avg CF:			**5734.223573**	Linear:			
Aroclor-1268					**6**	**156.64**	
6.10	6.12	6.16	29698.82421	3646.570715			1
6.35	6.38	6.41	79073.60156	7631.087323			2
E 6.60	6.63	6.66	192639.6875	42679.528925			3
6.94	6.98	7.00	140939.4062	4159.592504			4
7.16	7.20	7.22	2193.979004	63.770977			5
7.51	7.54	7.57	53181.70312	3357.817411			6
Height Summation:			**497727.201661**				
Amount Avg CF:			**10256.394643**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 98.41	4	15	
Aroclor-1221			850	260			3	5	
Aroclor-1232			850	165	E	** 181.16	4	10	
Aroclor-1242			850	165	E	** 159.56	4	30	
Aroclor-1248			850	165		** 97.84	4	30	
Aroclor-1254			850	165		** 45.03	4	40	
Aroclor-1260			850	165		9.00	4	40	
Aroclor-1262			0	0		24.31	4	40	
Aroclor-1268			0	0		** 78.87	4	40	

Units: _____

ASX05-0548

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:39:07

Sample Name: **5454436ACF DF50 ACAMS24 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 09:37:26pm 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\8P2235.47R**
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	2.007		0.0000	0.000	34.8	0.002	BB	0.017	33.79	0.004
2	2.100		0.0000	0.000	854.2	0.043	BB	0.035	408.97	0.050
3	2.167		0.0000	0.000	25.1	0.001	BB	0.024	17.77	0.002
4	2.206		0.0000	0.000	417.3	0.021	BB	0.036	195.25	0.024
5	2.301		0.0000	0.000	6820.6	0.343	BB	0.038	2988.72	0.365
6	2.436		0.0000	0.000	442.7	0.022	BB	0.044	165.88	0.020
7	2.540		0.0000	0.000	238.5	0.012	BB	0.044	90.53	0.011
8	2.712		0.0000	0.000	232.0	0.012	BB	0.057	67.33	0.008
9	2.822		0.0000	0.000	206.5	0.010	BB	0.053	65.02	0.008
10	2.929		0.0000	0.000	1247.2	0.063	BB	0.038	553.60	0.068
11	3.124		0.0000	0.000	86.9	0.004	BB	0.032	45.70	0.006
12	3.148		0.0000	0.000	132.9	0.007	BB	0.022	99.88	0.012
13	3.351	TCX	242.4286	46.091	3217.7	0.162	BB	0.035	1546.07	0.189
14	3.520		0.0000	0.000	352.6	0.018	BB	0.039	152.06	0.019
15	3.859		0.0000	0.000	2018.8	0.102	BB	0.039	861.91	0.105
16	3.967		0.0000	0.000	174.8	0.009	BB	0.061	47.82	0.006
17	4.101		0.0000	0.000	447.0	0.022	BB	0.141	52.93	0.006
18	4.293		0.0000	0.000	633.0	0.032	BB	0.032	329.68	0.040
19	4.401		0.0000	0.000	289.5	0.015	BB	0.035	139.27	0.017
20	4.599		0.0000	0.000	2532.2	0.127	BB	0.036	1161.65	0.142
21	4.656		0.0000	0.000	2878.2	0.145	BB	0.033	1448.91	0.177
22	4.736		0.0000	0.000	114.8	0.006	BB	0.029	66.39	0.008
23	4.797		0.0000	0.000	156.1	0.008	BB	0.025	103.37	0.013
24	4.848		0.0000	0.000	2437.0	0.123	BB	0.023	1750.34	0.214
25	4.885		0.0000	0.000	1575.6	0.079	BB	0.020	1309.98	0.160
26	4.920		0.0000	0.000	4055.4	0.204	BB	0.026	2606.55	0.318
27	5.038		0.0000	0.000	574.0	0.029	BB	0.025	390.24	0.048
28	5.072		0.0000	0.000	44.5	0.002	BB	0.015	49.29	0.006
29	5.123		0.0000	0.000	790.6	0.040	BB	0.028	474.07	0.058
30	5.176		0.0000	0.000	2185.9	0.110	BB	0.033	1115.44	0.136
31	5.244		0.0000	0.000	2030.0	0.102	BB	0.045	744.90	0.091
32	5.360		0.0000	0.000	275.7	0.014	BB	0.025	180.45	0.022
33	5.413		0.0000	0.000	52299.1	2.631	BB	0.052	16654.17	2.032
34	5.580		0.0000	0.000	5002.9	0.252	BB	0.026	3189.19	0.389
35	5.642		0.0000	0.000	72110.2	3.627	BB	0.049	24754.85	3.020
36	5.839		0.0000	0.000	5272.1	0.265	BB	0.032	2733.20	0.333
37	5.928		0.0000	0.000	31344.2	1.577	BB	0.043	12170.19	1.485
38	5.994		0.0000	0.000	34098.8	1.715	BB	0.030	19136.15	2.334
39	6.064		0.0000	0.000	76651.3	3.856	BB	0.051	25215.96	3.076
40	6.166		0.0000	0.000	142298.9	7.158	BB	0.039	60584.82	7.391
41	6.289		0.0000	0.000	33017.2	1.661	BB	0.035	15724.47	1.918
42	6.369		0.0000	0.000	25030.1	1.259	BB	0.031	13432.53	1.639
43	6.440		0.0000	0.000	250346.1	12.592	BB	0.047	88504.53	10.797
44	6.557		0.0000	0.000	67566.6	3.399	BB	0.036	30855.99	3.764
45	6.661		0.0000	0.000	7689.9	0.387	BB	0.025	5153.77	0.629
46	6.711		0.0000	0.000	213100.4	10.719	BB	0.038	93300.27	11.382
47	6.799		0.0000	0.000	56189.4	2.826	BB	0.028	33874.09	4.132
48	6.855		0.0000	0.000	33264.1	1.673	BB	0.028	19582.16	2.389
49	7.017		0.0000	0.000	133939.2	6.737	BB	0.045	49343.81	6.019
50	7.098		0.0000	0.000	33000.7	1.660	BB	0.028	19580.23	2.389
51	7.153		0.0000	0.000	13465.9	0.677	BB	0.025	8830.23	1.077
52	7.278		0.0000	0.000	27986.2	1.408	BB	0.035	13252.84	1.617
53	7.366		0.0000	0.000	292566.3	14.716	BB	0.043	113849.80	13.889
54	7.699		0.0000	0.000	141577.9	7.121	BB	0.036	65306.84	7.967
55	7.793		0.0000	0.000	28548.6	1.436	BB	0.037	13027.51	1.589
56	8.007		0.0000	0.000	237.0	0.012	BB	0.026	149.58	0.018
57	8.044		0.0000	0.000	1309.7	0.066	BB	0.033	654.59	0.080
58	8.208		0.0000	0.000	41818.9	2.103	BB	0.058	12038.59	1.469
59	8.550		0.0000	0.000	71584.1	3.601	BB	0.045	26440.67	3.226
60	8.650		0.0000	0.000	2170.7	0.109	BB	0.033	1087.73	0.133
61	8.761		0.0000	0.000	410.7	0.021	BB	0.061	112.92	0.014
62	9.032		0.0000	0.000	18787.8	0.945	BB	0.049	6328.36	0.772

ASX85 0549

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.182		0.0000	0.000	433.9	0.022	BB	0.060	121.32	0.015
64	9.349		0.0000	0.000	896.2	0.045	BB	0.049	302.46	0.037
65	9.423	DCB	283.5496	53.909	3170.7	0.159	BB	0.041	1296.55	0.158
66	9.506		0.0000	0.000	282.2	0.014	BB	0.032	144.86	0.018
67	9.580		0.0000	0.000	429.3	0.022	BB	0.038	188.09	0.023
68	9.656		0.0000	0.000	41.0	0.002	BB	0.024	28.73	0.004
69	9.850		0.0000	0.000	217.0	0.011	BB	0.046	78.43	0.010
70	9.969		0.0000	0.000	32396.2	1.630	BB	0.157	3439.23	0.420

Total Area = 1988073.0, Total Amount = 525.978, Total Height = 819733.6, Sample Units = ug/l

ASX05 0558

Sample Name: **5454436ACF DF50 ACAMS24 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 09:37:26pm 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\8P2235B.47R**
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	2.031		0.0000	0.000	30.6	0.001	BB	0.005	106.53	0.008
2	2.059		0.0000	0.000	13106.4	0.425	BB	0.039	5631.50	0.408
3	2.356		0.0000	0.000	2069.5	0.067	BB	0.045	768.53	0.056
4	2.456		0.0000	0.000	79.3	0.003	BB	0.009	148.63	0.011
5	2.473		0.0000	0.000	95.2	0.003	BB	0.004	372.94	0.027
6	2.490		0.0000	0.000	137.8	0.004	BB	0.007	329.26	0.024
7	2.513		0.0000	0.000	299.3	0.010	BB	0.015	323.13	0.023
8	2.570		0.0000	0.000	2531.2	0.082	BB	0.036	1168.30	0.085
9	2.666		0.0000	0.000	870.6	0.028	BB	0.030	483.97	0.035
10	2.704		0.0000	0.000	92.4	0.003	BB	0.006	255.89	0.019
11	2.740		0.0000	0.000	127.7	0.004	BB	0.006	365.34	0.026
12	2.763		0.0000	0.000	141.4	0.005	N	-0.008	- 279.47	0.020
13	2.823		0.0000	0.000	1811.6	0.059	BB	0.042	720.63	0.052
14	2.890		0.0000	0.000	103.6	0.003	BB	0.005	341.16	0.025
15	2.923	TCX	328.4817	48.130	7707.2	0.250	BB	0.037	3499.86	0.254
16	3.105		0.0000	0.000	129.5	0.004	BB	0.008	276.64	0.020
17	3.138		0.0000	0.000	427.8	0.014	BB	0.017	410.61	0.030
18	3.173		0.0000	0.000	2069.1	0.067	BB	0.049	702.32	0.051
19	3.307		0.0000	0.000	128.1	0.004	BB	0.006	333.19	0.024
20	3.340		0.0000	0.000	73.4	0.002	BB	0.005	232.88	0.017
21	3.373		0.0000	0.000	4063.3	0.132	BB	0.038	1762.30	0.128
22	3.440		0.0000	0.000	531.6	0.017	BB	0.017	530.30	0.038
23	3.473		0.0000	0.000	274.7	0.009	BB	0.011	422.90	0.031
24	3.506		0.0000	0.000	221.7	0.007	BB	0.011	342.87	0.025
25	3.539		0.0000	0.000	86.3	0.003	BB	0.006	255.09	0.018
26	3.571		0.0000	0.000	303.9	0.010	BB	0.016	317.28	0.023
27	3.605		0.0000	0.000	641.8	0.021	BB	0.033	325.94	0.024
28	3.757		0.0000	0.000	649.0	0.021	BB	0.021	513.79	0.037
29	3.790		0.0000	0.000	570.0	0.018	BB	0.016	589.13	0.043
30	3.823		0.0000	0.000	311.1	0.010	BB	0.012	424.44	0.031
31	3.856		0.0000	0.000	2048.1	0.066	BB	0.040	854.85	0.062
32	3.990		0.0000	0.000	309.0	0.010	BB	0.019	274.66	0.020
33	4.023		0.0000	0.000	779.2	0.025	BB	0.025	521.37	0.038
34	4.108		0.0000	0.000	722.6	0.023	BB	0.021	574.71	0.042
35	4.149		0.0000	0.000	3036.6	0.099	BB	0.028	1829.47	0.133
36	4.197		0.0000	0.000	4778.3	0.155	BB	0.032	2474.21	0.179
37	4.274		0.0000	0.000	690.1	0.022	BB	0.025	458.65	0.033
38	4.346		0.0000	0.000	4191.6	0.136	BB	0.024	2892.91	0.210
39	4.380		0.0000	0.000	2000.7	0.065	BB	0.019	1798.56	0.130
40	4.406		0.0000	0.000	6312.2	0.205	BB	0.022	4684.67	0.339
41	4.548		0.0000	0.000	2338.5	0.076	BB	0.033	1166.03	0.084
42	4.624		0.0000	0.000	2380.6	0.077	BB	0.030	1333.27	0.097
43	4.688		0.0000	0.000	4222.5	0.137	BB	0.032	2197.14	0.159
44	4.740		0.0000	0.000	618.2	0.020	BB	0.024	428.83	0.031
45	4.823		0.0000	0.000	678.9	0.022	BB	0.020	556.86	0.040
46	4.856		0.0000	0.000	242.6	0.008	BB	0.008	498.77	0.036
47	4.897		0.0000	0.000	69075.7	2.241	BB	0.038	30180.60	2.187
48	4.995		0.0000	0.000	8170.4	0.265	BB	0.024	5757.31	0.417
49	5.050		0.0000	0.000	58701.5	1.905	BB	0.028	34500.49	2.500
50	5.093		0.0000	0.000	5173.9	0.168	BB	0.020	4229.27	0.306
51	5.223		0.0000	0.000	1647.3	0.053	BB	0.030	908.72	0.066
52	5.264		0.0000	0.000	12363.3	0.401	BB	0.040	5090.31	0.369
53	5.351		0.0000	0.000	17833.6	0.579	BB	0.026	11484.14	0.832
54	5.456		0.0000	0.000	274903.3	8.920	BB	0.068	67209.13	4.870
55	5.574		0.0000	0.000	228809.2	7.424	BB	0.038	101244.70	7.336
56	5.669		0.0000	0.000	12750.2	0.414	BB	0.020	10523.02	0.762
57	5.705		0.0000	0.000	27949.7	0.907	BB	0.024	19095.31	1.384
58	5.765		0.0000	0.000	301965.4	9.798	BB	0.040	126383.40	9.157
59	5.908		0.0000	0.000	217590.5	7.060	BB	0.035	104953.20	7.605
60	5.975		0.0000	0.000	17179.0	0.557	BB	0.024	12036.12	0.872
61	6.036		0.0000	0.000	26926.0	0.874	BB	0.023	19302.50	1.399
62	6.085		0.0000	0.000	157511.4	5.111	BB	0.027	98601.76	7.144

aSX05 0551

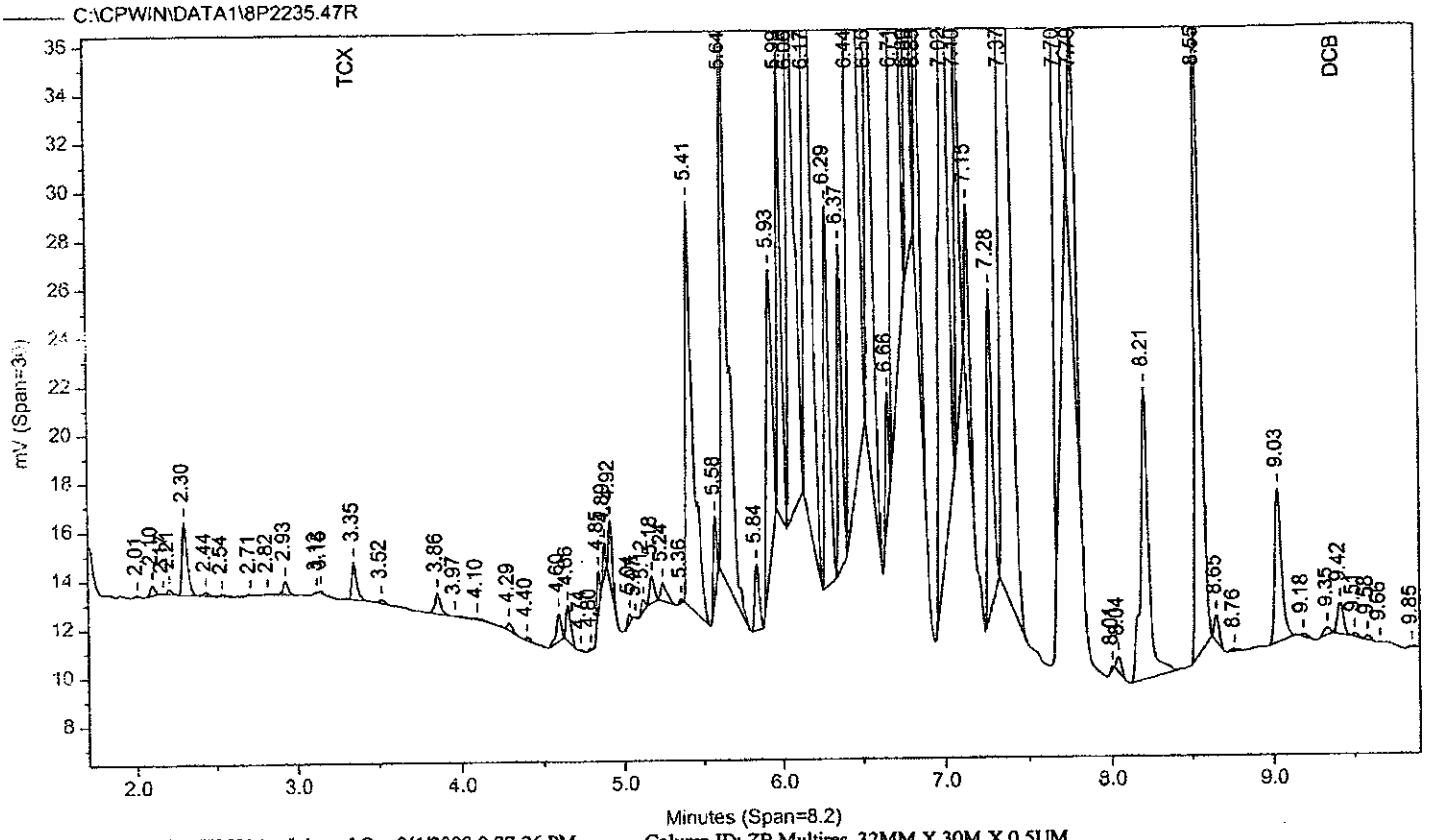
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.123		0.0000	0.000	36528.6	1.185	BB	0.020	29698.82	2.152
64	6.178		0.0000	0.000	44720.1	1.451	BB	0.027	27929.93	2.024
65	6.312		0.0000	0.000	26294.6	0.853	BB	0.035	12503.36	0.906
66	6.381		0.0000	0.000	203241.9	6.595	BB	0.043	79073.60	5.730
67	6.477		0.0000	0.000	57355.8	1.861	BB	0.027	35853.29	2.598
68	6.523		0.0000	0.000	11323.9	0.367	BB	0.018	10210.17	0.740
69	6.557		0.0000	0.000	8952.0	0.290	BB	0.019	7837.19	0.568
70	6.632		0.0000	0.000	482590.8	15.659	BB	0.042	192639.70	13.958
71	6.807		0.0000	0.000	111.5	0.004	BB	0.009	214.47	0.016
72	6.822		0.0000	0.000	134.2	0.004	BB	0.009	263.10	0.019
73	6.857		0.0000	0.000	362.1	0.012	BB	0.023	268.23	0.019
74	6.918		0.0000	0.000	49419.9	1.604	BB	0.027	30077.99	2.179
75	6.978		0.0000	0.000	334013.9	10.838	BB	0.039	140939.40	10.212
76	7.198		0.0000	0.000	4021.3	0.130	BB	0.031	2193.98	0.159
77	7.257		0.0000	0.000	10506.1	0.341	BB	0.039	4468.58	0.324
78	7.373		0.0000	0.000	50257.5	1.631	BB	0.038	22168.06	1.606
79	7.497		0.0000	0.000	162.8	0.005	BB	0.010	281.70	0.020
80	7.545		0.0000	0.000	144503.1	4.689	BB	0.045	53181.70	3.853
81	7.723		0.0000	0.000	576.8	0.019	BB	0.020	484.43	0.035
82	7.739		0.0000	0.000	373.0	0.012	BB	0.012	500.09	0.036
83	7.773		0.0000	0.000	669.9	0.022	BB	0.048	231.96	0.017
84	7.790		0.0000	0.000	113.9	0.004	BB	0.006	293.96	0.021
85	7.817		0.0000	0.000	3733.9	0.121	BB	0.036	1736.26	0.126
86	7.900		0.0000	0.000	30412.1	0.987	BB	0.040	12780.19	0.926
87	8.006		0.0000	0.000	618.5	0.020	BB	0.023	454.06	0.033
88	8.073		0.0000	0.000	536.5	0.017	BB	0.023	381.32	0.028
89	8.114		0.0000	0.000	304.2	0.010	BB	0.013	391.50	0.028
90	8.157		0.0000	0.000	599.0	0.019	BB	0.021	473.24	0.034
91	8.216	DCB	354.0131	51.870	7086.8	0.230	BB	0.036	3256.41	0.236
92	8.290		0.0000	0.000	106.7	0.003	BB	0.005	358.01	0.026
93	8.306		0.0000	0.000	382.1	0.012	BB	0.026	242.82	0.018
94	8.523		0.0000	0.000	377.1	0.012	BB	0.029	218.51	0.016
95	8.556		0.0000	0.000	154.0	0.005	BB	0.009	300.65	0.022
96	8.590		0.0000	0.000	893.0	0.029	BB	0.035	429.58	0.031
97	8.673		0.0000	0.000	161.3	0.005	BB	0.012	222.40	0.016
98	8.690		0.0000	0.000	81.7	0.003	BB	0.008	161.27	0.012
99	8.706		0.0000	0.000	209.1	0.007	BB	0.014	254.39	0.018
100	8.756		0.0000	0.000	368.2	0.012	BB	0.021	292.73	0.021
101	8.821		0.0000	0.000	215.8	0.007	BB	0.010	349.57	0.025
102	8.864		0.0000	0.000	612.6	0.020	BB	0.027	380.97	0.028
103	8.907		0.0000	0.000	260.9	0.008	BB	0.012	357.79	0.026
104	9.085		0.0000	0.000	4811.1	0.156	BB	0.105	767.26	0.056
105	9.222		0.0000	0.000	2041.6	0.066	BB	0.052	653.50	0.047
106	9.473		0.0000	0.000	311.1	0.010	BB	0.021	249.44	0.018
107	9.524		0.0000	0.000	817.9	0.027	BB	0.024	575.91	0.042
108	9.572		0.0000	0.000	374.9	0.012	BB	0.015	423.36	0.031
109	9.613		0.0000	0.000	342.8	0.011	BB	0.014	408.21	0.030
110	9.658		0.0000	0.000	82.6	0.003	BB	0.008	162.13	0.012
111	9.691		0.0000	0.000	140.6	0.005	BB	0.011	206.47	0.015
112	9.723		0.0000	0.000	8890.3	0.288	BB	0.118	1253.18	0.091
113	9.963		0.0000	0.000	37086.3	1.203	BB	0.116	5332.19	0.386

Total Area = 3081832.0, Total Amount = 682.495, Total Height = 1380108.0, Sample Units = ug/l

ASX05 0552

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.47R

C:\CPWIN\DATA1\8P2235.47R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 9:27:26 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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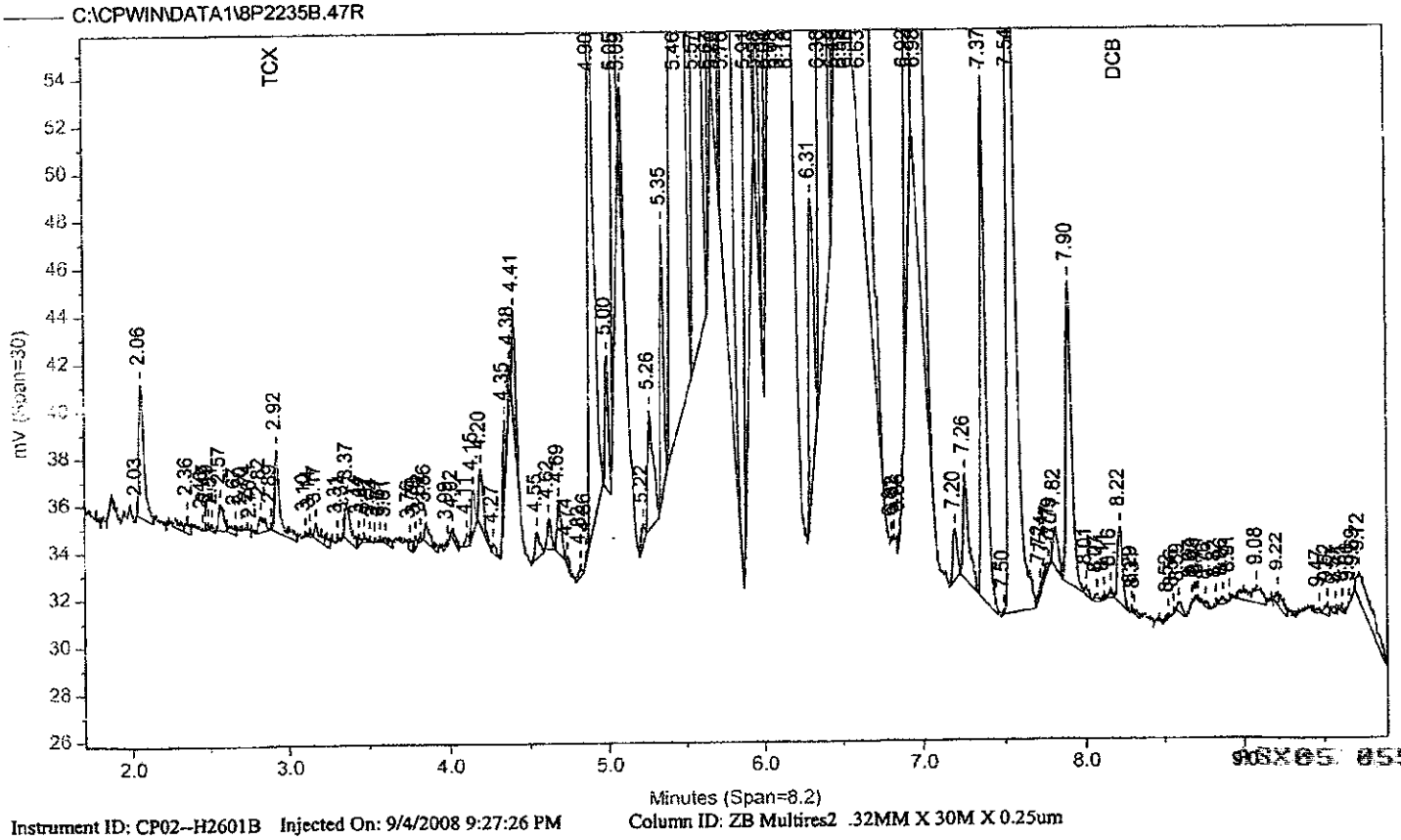

Instrument ID: CP02--H2601B Injected On: 9/4/2008 9:27:26 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 30
Analyst: 2280

Dilution Factor: 500

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	1546	8.08095	TCX	2.923	3500	10.94939	TCX
9.423	1297	9.45165	DCB	8.216	3256	11.80044	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.47A
Area File: C:\CPWIN\DATA1\8P2235B.47A
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: 9/4/2008 9:37:30 PM
File Reported On: 9/4/2008 at 9:37:36 PM

10X REPLOTS

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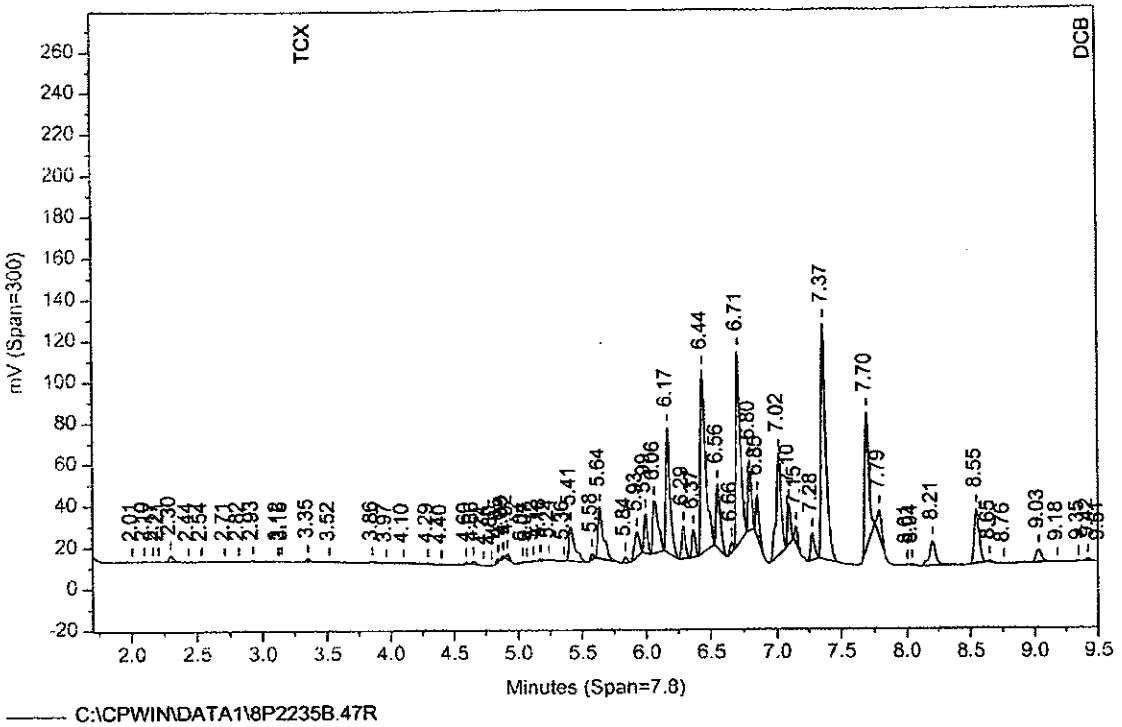

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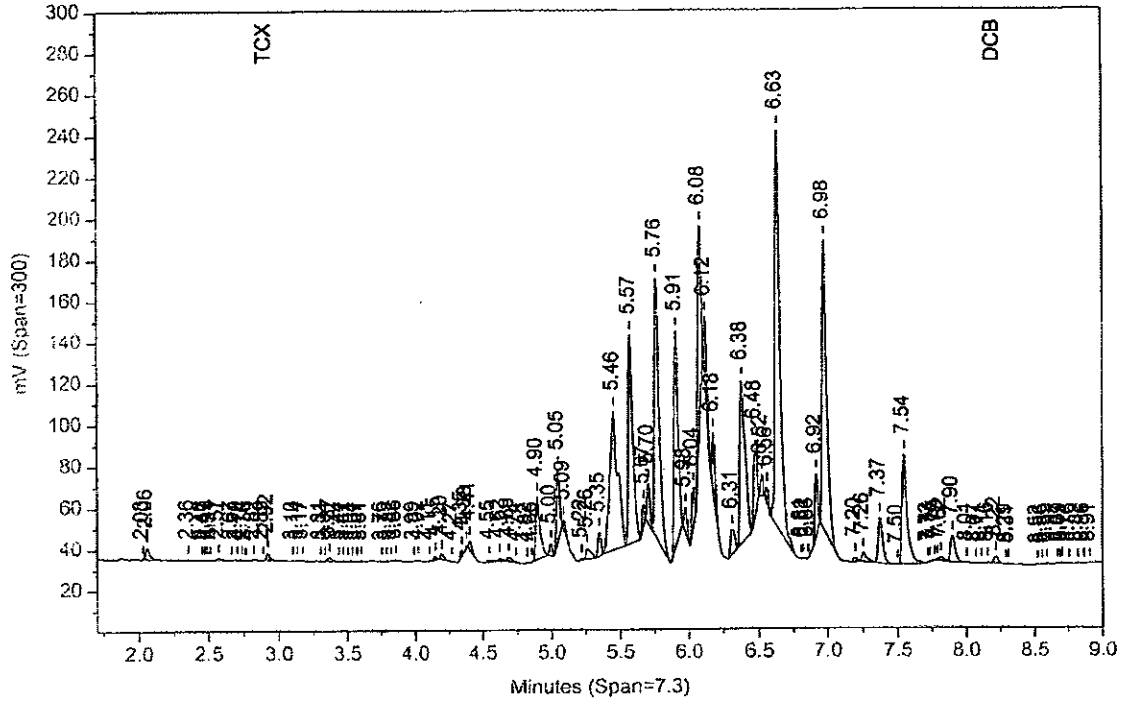


ASX85 8555

Multiple Component Data Summary

Sample Name: 5454437 ACF DF100 AMS25 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 22:10:38
Instrument H2601A
Result file 8P2235.50R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 70.7% Conc: 7.049726
%SSR(DCB) 87.7% Conc: 8.781215

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**44.08**	
5.61	5.64	5.67	29144.882815	7597.577007			2
5.96	5.99	6.02	49402.636715	8996.859411			3
6.26	6.29	6.32	68201.046875	16456.677587			4
6.52	6.55	6.58	65130.285156	23133.166981			5
6.68	6.71	6.74	67666.554688	14593.392479			6

Height summation: **279545.406251**
Concentration CF: **14155.534693** L:

Analysis Report (B)

Injected on Sep 04, 2008 22:10:38
Instrument H2601B
Result file 8P2235B.50R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 99.4% Conc: 9.913182
%SSR(DCB) 119.5% Conc: 11.97114

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**45.03**	
5.24	5.27	5.30	28103.388672	9879.205862			1
5.32	5.35	5.38	42778.96875	8377.782625			2
5.41	5.44	5.47	85769.109375	9232.996795			3
5.64	5.67	5.70	109619.421875	16761.671668			4
5.94	5.97	6.00	93836.828125	24722.645466			5
6.05	6.08	6.11	107919.726562	13975.151641			6

Height summation: **468027.44336**
Concentration CF: **13824.90901** 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	A	14155.534693	1700	330	E	2.36	4	40	
Aroclor-1260			<1700	<330			4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9808
Verified By: [signature] Date: 9.8.08

ASX05 0556

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454437** ACF DF100 AMS25 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:10:38
Instrument : CP02--H2601A
Result file : 8P2235.50R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 70.7% Conc.: 7.049726
%SSR(DCB) : 87.7% Conc.: 8.781215

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	146.66	
4.26	4.29	4.32	251.033508	100.530823			2
4.55	4.59	4.61	855.88916	153.62236			3
4.71	4.73	4.77	414.538544	180.948503			4
5.14	5.17	5.20	2694.65625	1494.729367			5
5.38	5.41	5.44	8665.663086	4472.304842			6
+ 5.38	5.44	5.44	4101.731934	2116.883083			6
Height Summation:			12881.780548				
Amount Avg CF:			1280.427179	Linear:			
Aroclor-1232					5	202.25	
4.26	4.29	4.32	251.033508	209.718887			2
4.55	4.59	4.61	855.88916	314.914053			3
4.70	4.73	4.76	414.538544	389.512374			4
5.13	5.17	5.19	2694.65625	3186.868015			5
E 5.38	5.41	5.44	8665.663086	48710.866138			6
Height Summation:			12881.780548				
Amount Avg CF:			10562.375893	Linear:			
Aroclor-1242					5	192.13	
4.26	4.29	4.32	251.033508	125.397626			2
4.55	4.59	4.61	855.88916	194.013184			3
4.71	4.73	4.77	414.538544	231.320858			4
5.14	5.17	5.20	2694.65625	1810.742365			5
E 5.38	5.41	5.44	8665.663086	18104.383341			6
Height Summation:			12881.780548				
Amount Avg CF:			4093.171475	Linear:			
Aroclor-1248					6	129.76	
4.55	4.59	4.61	855.88916	307.507002			1
5.01	5.04	5.07	3737.551758	1248.645054			2
5.44	5.47	5.50	10881.77929	6024.067583			3
5.62	5.64	5.68	29144.88281	9382.501384			4
5.96	5.99	6.02	49402.63671	30119.298196			5
E 6.26	6.29	6.32	68201.04687	58785.897527			6
Height Summation:			162223.786622				
Amount Avg CF:			17644.652791	Linear:			
Aroclor-1254					6	62.41	
4.82	4.85	4.88	3992.895996	1727.615481			1
5.61	5.64	5.67	29144.88281	7597.577007			2
5.96	5.99	6.02	49402.63671	8996.859411			3
6.26	6.29	6.32	68201.04687	16456.677557			4
6.52	6.55	6.58	65130.28515	23133.166981			5
6.68	6.71	6.74	67666.55468	14593.392479			6
Height Summation:			283538.302247				
Amount Avg CF:			12084.214824	Linear:			
Aroclor-1260					6	89.49	
6.03	6.06	6.09	1043.341431	495.010443			1
6.14	6.17	6.20	20047.62695	4670.898455			2
6.41	6.44	6.47	45357.31640	9036.841335			3
6.68	6.71	6.74	67666.55468	12428.364689			4
6.77	6.80	6.83	6635.935547	2200.041093			5
6.98	6.99	7.04	7301.082031	2220.924958			6
+ 6.98	7.01	7.04	6242.026855	1898.769685			6
Height Summation:			148051.857056				
Amount Avg CF:			5175.346829	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:10:38
Instrument : CP02--H2601B
Result file : 8P2235B.50R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 99.4% Conc.: 9.913182
%SSR(DCB) : 119.5% Conc.: 11.971145

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	176.82	
3.32	3.35	3.38	113.221207	30.072273			1
3.65	3.70	3.71	215.503433	38.18444			2
3.84	3.87	3.90	650.98407	152.882497			3
4.08	4.11	4.14	1108.068237	116.186028			4
4.66	4.69	4.72	5262.206055	1657.22697			6
Height Summation:			7349.983002				
Amount Avg CF:			398.910442	Linear:			
Aroclor-1221					3	72.51	
3.14	3.17	3.20	389.611267	185.555683			1
3.23	3.29	3.29	288.024475	191.156114			2
3.32	3.35	3.38	113.221207	21.655039			3
Height Summation:			790.856949				
Amount Avg CF:			132.788945	Linear:			
Aroclor-1232					6	166.59	
3.32	3.35	3.38	113.221207	26.130584			1
3.65	3.70	3.71	215.503433	71.938789			2
3.83	3.87	3.89	650.98407	311.684415			3
4.07	4.11	4.13	1108.068237	224.28715			4
E 4.34	4.35	4.40	10755.20996	9032.678224			5
4.65	4.69	4.71	5262.206055	3274.043276			6
Height Summation:			18105.192963				
Amount Avg CF:			2156.79374	Linear:			
Aroclor-1242					5	180.38	
3.32	3.35	3.38	113.221207	35.998095			1
3.65	3.70	3.71	215.503433	48.220768			2
3.84	3.87	3.90	650.98407	188.617228			3
4.08	4.11	4.14	1108.068237	147.156748			4
4.66	4.69	4.72	5262.206055	2270.933046			6
Height Summation:			7349.983002				
Amount Avg CF:			538.185177	Linear:			
Aroclor-1248					5	127.12	
4.14	4.15	4.20	511.27475	477.239018			1
4.52	4.55	4.58	6952.672852	1407.302866			3
4.66	4.69	4.72	5262.206055	1496.395385			4
4.87	4.90	4.93	26674.57812	6481.60171			5
5.07	5.10	5.13	40342.27343	16496.709202			6
Height Summation:			79743.005220				
Amount Avg CF:			5271.849636	Linear:			
Aroclor-1254					6	45.03	
5.24	5.27	5.30	28103.38867	9879.205862			1
5.32	5.35	5.38	42778.96875	8377.782625			2
5.41	5.44	5.47	85769.10937	9232.996795			3
5.64	5.67	5.70	109619.4218	16761.671668			4
5.94	5.97	6.00	93836.82812	24722.645466			5
6.05	6.08	6.11	107919.7265	13975.151641			6
Height Summation:			468027.443360				
Amount Avg CF:			13824.90901	Linear:			

ASX05 0557

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:40:51

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454437** ACF DF100 AMS25 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:10:38
Instrument : CP02--H2601A
Result file : 8P2235.50R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	110.37	
6.03	6.06	6.09	1043.341431	419.634491			1
6.13	6.17	6.19	20047.62695	5119.9688			2
6.40	6.44	6.46	45357.31640	10543.794532			3
6.67	6.71	6.73	67666.55468	17430.390723			4
6.76	6.80	6.82	6635.935547	1253.007085			5
6.98	6.99	7.04	7301.082031	1662.475125			6
+ 6.98	7.01	7.04	6242.026855	1421.325542			6
Height Summation:			**148051.857056**				
Amount Avg CF:			**6071.545126**	Linear:			
Aroclor-1268					6	76.95	
6.76	6.80	6.82	6635.935547	2804.353275			1
7.00	7.01	7.06	6242.026855	2174.801006			2
7.66	7.70	7.72	20992.41406	1871.745358			3
8.01	8.04	8.07	358.376129	38.731675			4
8.14	8.16	8.20	203.306671	87.183417			5
8.51	8.55	8.57	7878.621582	2129.953571			6
Height Summation:			**42310.680847**				
Amount Avg CF:			**1517.794717**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:10:38
Instrument : CP02--H2601B
Result file : 8P2235B.50R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	91.46	
E 5.43	5.44	5.49	85769.10937	31741.860304			1
5.54	5.57	5.60	49890.19921	6916.491047			2
5.74	5.77	5.80	62789.70312	7467.108193			3
6.06	6.08	6.12	107919.7265	19100.283767			4
+ 6.35	6.38	6.41	5713.717285	894.081508			5
6.35	6.41	6.41	25966.16210	4063.180626			5
7.51	7.54	7.57	16977.76953	3682.03381			6
Height Summation:			**349312.669922**				
Amount Avg CF:			**12161.826291**	Linear:			
Aroclor-1262					6	183.28	
E 6.05	6.08	6.11	107919.7265	35064.260151			1
6.14	6.17	6.20	4714.30957	1862.827443			2
6.44	6.48	6.50	8304.802734	2251.939619			3
6.88	6.91	6.94	9827.21582	1441.342461			4
7.34	7.37	7.40	6933.865234	2406.341249			5
7.86	7.90	7.92	4455.921875	1363.552248			6
Height Summation:			**142155.841796**				
Amount Avg CF:			**7398.377195**	Linear:			
Aroclor-1268					5	163.63	
6.35	6.38	6.41	5713.717285	1102.817494			2
+ 6.60	6.60	6.66	5207.333984	2307.380834			3
6.60	6.63	6.66	49565.11718	21962.409513			3
6.94	6.97	7.00	48329.625	2852.737232			4
7.16	7.20	7.22	712.374268	41.41225			5
7.51	7.54	7.57	16977.76953	2143.904643			6
Height Summation:			**121298.603272**				
Amount Avg CF:			**5620.656226**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 104.98	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 132.17	4	10	
Aroclor-1242			1700	330	E	** 153.52	4	30	
Aroclor-1248			1700	330	E	** 107.98	4	30	
Aroclor-1254			1700	330		13.44	4	40	
Aroclor-1260			1700	330		** 80.60	4	40	
Aroclor-1262			0	0		19.70	4	40	
Aroclor-1268			0	0		** 114.95	4	40	

Units: _____

ASX05: 5558

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:40:51

Sample Name: **5454437ACF DF100 ACAMS25 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 10:20:38pm 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\8P2235.50R**
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	2.008		0.0000	0.000	44.6	0.004	BB	0.019	39.38	0.007
2	2.094		0.0000	0.000	92.8	0.007	BB	0.027	56.47	0.010
3	2.205		0.0000	0.000	730.3	0.059	BB	0.078	155.84	0.026
4	2.302		0.0000	0.000	1012.5	0.082	BB	0.039	432.09	0.073
5	2.436		0.0000	0.000	635.4	0.051	BB	0.050	212.72	0.036
6	2.544		0.0000	0.000	516.0	0.042	BB	0.056	152.62	0.026
7	2.700		0.0000	0.000	250.9	0.020	BB	0.050	83.34	0.014
8	2.818		0.0000	0.000	383.4	0.031	BB	0.062	102.96	0.017
9	2.931		0.0000	0.000	575.1	0.046	BB	0.040	242.18	0.041
10	3.035		0.0000	0.000	140.9	0.011	BB	0.039	60.22	0.010
11	3.117		0.0000	0.000	224.0	0.018	BB	0.044	85.18	0.014
12	3.215		0.0000	0.000	209.0	0.017	BB	0.064	54.01	0.009
13	3.354	TCX	211.4918	44.531	2110.3	0.170	BB	0.052	674.39	0.113
14	3.526		0.0000	0.000	472.0	0.038	BB	0.040	196.96	0.033
15	3.851		0.0000	0.000	503.8	0.041	BB	0.062	134.90	0.023
16	4.021		0.0000	0.000	211.2	0.017	BB	0.061	57.98	0.010
17	4.129		0.0000	0.000	652.7	0.053	BB	0.076	142.54	0.024
18	4.293		0.0000	0.000	471.9	0.038	BB	0.031	251.03	0.042
19	4.587		0.0000	0.000	2462.8	0.198	BB	0.048	855.89	0.144
20	4.735		0.0000	0.000	808.8	0.065	BB	0.033	414.54	0.070
21	4.849		0.0000	0.000	6461.4	0.520	BB	0.027	3992.90	0.672
22	4.884		0.0000	0.000	749.7	0.060	BB	0.019	647.80	0.109
23	5.037		0.0000	0.000	8837.1	0.712	BB	0.039	3737.55	0.629
24	5.122		0.0000	0.000	541.5	0.044	BB	0.023	384.32	0.065
25	5.173		0.0000	0.000	4829.2	0.389	BB	0.030	2694.66	0.453
26	5.230		0.0000	0.000	414.5	0.033	BB	0.023	300.98	0.051
27	5.362		0.0000	0.000	735.0	0.059	BB	0.025	495.04	0.083
28	5.414		0.0000	0.000	12085.9	0.973	BB	0.023	8665.66	1.458
29	5.439		0.0000	0.000	3425.2	0.276	BB	0.014	4101.73	0.690
30	5.473		0.0000	0.000	15712.4	1.265	BB	0.024	10881.78	1.831
31	5.582		0.0000	0.000	4250.8	0.342	BB	0.024	2900.71	0.488
32	5.642		0.0000	0.000	58773.2	4.733	BB	0.034	29144.88	4.904
33	5.688		0.0000	0.000	23115.0	1.862	BB	0.026	14778.36	2.487
34	5.777		0.0000	0.000	1722.1	0.139	BB	0.022	1312.96	0.221
35	5.838		0.0000	0.000	30140.8	2.427	BB	0.032	15834.26	2.665
36	5.910		0.0000	0.000	29157.9	2.348	BB	0.026	18438.42	3.103
37	5.950		0.0000	0.000	8551.9	0.689	BB	0.018	8038.52	1.353
38	5.994		0.0000	0.000	90848.1	7.316	BB	0.031	49402.64	8.313
39	6.060		0.0000	0.000	1295.8	0.104	BB	0.021	1043.34	0.176
40	6.108		0.0000	0.000	13926.7	1.122	BB	0.026	8887.74	1.496
41	6.170		0.0000	0.000	42579.4	3.429	BB	0.035	20047.63	3.374
42	6.232		0.0000	0.000	4860.0	0.391	BB	0.020	4079.49	0.686
43	6.288		0.0000	0.000	143462.5	11.554	BB	0.035	68201.05	11.477
44	6.370		0.0000	0.000	9345.6	0.753	BB	0.035	4411.66	0.742
45	6.444		0.0000	0.000	120546.2	9.708	BB	0.044	45357.32	7.633
46	6.552		0.0000	0.000	136281.5	10.975	BB	0.035	65130.29	10.960
47	6.660		0.0000	0.000	3517.5	0.283	BB	0.024	2468.97	0.415
48	6.710		0.0000	0.000	164117.9	13.217	BB	0.040	67666.55	11.387
49	6.797		0.0000	0.000	9523.4	0.767	BB	0.024	6635.94	1.117
50	6.854		0.0000	0.000	9425.5	0.759	BB	0.031	5121.61	0.862
51	6.986		0.0000	0.000	10751.9	0.866	BB	0.025	7301.08	1.229
52	7.011		0.0000	0.000	9196.8	0.741	BB	0.025	6242.03	1.050
53	7.096		0.0000	0.000	8349.5	0.672	BB	0.028	4934.96	0.830
54	7.150		0.0000	0.000	4051.5	0.326	BB	0.025	2724.05	0.458
55	7.273		0.0000	0.000	32415.0	2.611	BB	0.038	14259.82	2.400
56	7.362		0.0000	0.000	80195.1	6.458	BB	0.040	33622.30	5.658
57	7.529		0.0000	0.000	37.6	0.003	BB	0.025	25.31	0.004
58	7.632		0.0000	0.000	21.9	0.002	BB	0.013	28.48	0.005
59	7.698		0.0000	0.000	46574.5	3.751	BB	0.037	20992.41	3.533
60	7.793		0.0000	0.000	5993.8	0.483	BB	0.033	3043.66	0.512
61	8.040		0.0000	0.000	764.3	0.062	BB	0.036	358.38	0.060
62	8.163		0.0000	0.000	544.7	0.044	BB	0.045	203.31	0.034

ASX85 0559

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.208		0.0000	0.000	6035.4	0.486	BB	0.038	2633.75	0.443
64	8.547		0.0000	0.000	21372.2	1.721	BB	0.045	7878.62	1.326
65	8.653		0.0000	0.000	759.5	0.061	BB	0.034	368.97	0.062
66	8.742		0.0000	0.000	30.7	0.002	BB	0.017	30.96	0.005
67	8.810		0.0000	0.000	29.9	0.002	BB	0.019	25.79	0.004
68	9.033		0.0000	0.000	6385.0	0.514	BB	0.051	2092.80	0.352
69	9.177		0.0000	0.000	1535.0	0.124	BB	0.092	277.98	0.047
70	9.424	DCB	263.4364	55.469	1651.1	0.133	BB	0.046	602.29	0.101
71	9.663		0.0000	0.000	416.5	0.034	BB	0.065	107.00	0.018
72	9.805		0.0000	0.000	97.7	0.008	BB	0.040	40.70	0.007
73	9.939		0.0000	0.000	32750.6	2.638	BB	0.075	7256.32	1.221

Total Area = 1241703.0, Total Amount = 474.928, Total Height = 594261.1, Sample Units = ug/l

ASX05 0560

Sample Name: **5454437ACF DF100 ACAMS25 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 10:20:38pm 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\8P2235B.50R**
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	2276.4	0.104	BB	0.033	1138.31	0.108
2	2.147		0.0000	0.000	475.0	0.022	BB	0.023	345.49	0.033
3	2.234		0.0000	0.000	81.7	0.004	BB	0.004	352.91	0.034
4	2.250		0.0000	0.000	304.7	0.014	BB	0.022	229.75	0.022
5	2.500		0.0000	0.000	111.2	0.005	BB	0.005	389.28	0.037
6	2.527		0.0000	0.000	50.8	0.002	N	-0.002	- 351.59	0.033
7	2.567		0.0000	0.000	1647.3	0.075	BB	0.042	648.37	0.062
8	2.650		0.0000	0.000	332.8	0.015	BB	0.018	307.27	0.029
9	2.700		0.0000	0.000	371.3	0.017	BB	0.020	309.20	0.029
10	2.800		0.0000	0.000	204.3	0.009	BB	0.018	193.82	0.018
11	2.851		0.0000	0.000	711.0	0.032	BB	0.024	494.50	0.047
12	2.899		0.0000	0.000	599.7	0.027	BB	0.022	459.11	0.044
13	2.928	TCX	297.3955	45.298	3527.9	0.161	BB	0.037	1584.32	0.151
14	2.999		0.0000	0.000	777.2	0.035	BB	0.030	433.18	0.041
15	3.049		0.0000	0.000	217.1	0.010	BB	0.015	246.48	0.023
16	3.117		0.0000	0.000	765.4	0.035	BB	0.026	499.80	0.048
17	3.166		0.0000	0.000	1188.3	0.054	BB	0.051	389.61	0.037
18	3.294		0.0000	0.000	247.1	0.011	BB	0.014	288.02	0.027
19	3.351		0.0000	0.000	185.0	0.008	BB	0.027	113.22	0.011
20	3.381		0.0000	0.000	1039.2	0.047	BB	0.033	524.78	0.050
21	3.483		0.0000	0.000	29.4	0.001	BB	0.008	64.49	0.006
22	3.498		0.0000	0.000	52.6	0.002	BB	0.006	147.18	0.014
23	3.556		0.0000	0.000	492.1	0.022	BB	0.024	343.91	0.033
24	3.597		0.0000	0.000	528.1	0.024	BB	0.024	371.60	0.035
25	3.644		0.0000	0.000	401.3	0.018	BB	0.018	369.09	0.035
26	3.698		0.0000	0.000	375.7	0.017	BB	0.029	215.50	0.020
27	3.747		0.0000	0.000	163.4	0.007	BB	0.013	201.69	0.019
28	3.797		0.0000	0.000	239.2	0.011	BB	0.020	196.93	0.019
29	3.865		0.0000	0.000	1999.5	0.091	BB	0.051	650.98	0.062
30	3.945		0.0000	0.000	241.0	0.011	BB	0.024	170.50	0.016
31	3.983		0.0000	0.000	134.8	0.006	BB	0.025	89.40	0.009
32	3.996		0.0000	0.000	155.5	0.007	BB	0.007	355.59	0.034
33	4.025		0.0000	0.000	1211.1	0.055	BB	0.038	537.22	0.051
34	4.115		0.0000	0.000	1716.7	0.078	BB	0.026	1108.07	0.105
35	4.146		0.0000	0.000	1074.1	0.049	BB	0.035	511.27	0.049
36	4.293		0.0000	0.000	1782.5	0.081	BB	0.031	961.03	0.091
37	4.347		0.0000	0.000	38934.5	1.776	BB	0.060	10755.21	1.023
38	4.548		0.0000	0.000	14750.8	0.673	BB	0.035	6952.67	0.661
39	4.614		0.0000	0.000	448.4	0.020	BB	0.013	597.44	0.057
40	4.692		0.0000	0.000	9443.8	0.431	BB	0.030	5262.21	0.500
41	4.750		0.0000	0.000	1116.3	0.051	BB	0.025	734.18	0.070
42	4.826		0.0000	0.000	600.3	0.027	BB	0.024	415.45	0.040
43	4.863		0.0000	0.000	7871.1	0.359	BB	0.022	6083.27	0.578
44	4.897		0.0000	0.000	35234.3	1.607	BB	0.022	26674.58	2.537
45	4.932		0.0000	0.000	17931.4	0.818	BB	0.022	13599.53	1.293
46	4.992		0.0000	0.000	5247.7	0.239	BB	0.019	4660.37	0.443
47	5.049		0.0000	0.000	63373.2	2.890	BB	0.026	40753.17	3.875
48	5.097		0.0000	0.000	106868.7	4.874	BB	0.044	40342.27	3.836
49	5.214		0.0000	0.000	3994.0	0.182	BB	0.023	2923.58	0.278
50	5.267		0.0000	0.000	58028.0	2.647	BB	0.034	28103.39	2.672
51	5.350		0.0000	0.000	67007.5	3.056	BB	0.026	42778.97	4.068
52	5.398		0.0000	0.000	17011.1	0.776	BB	0.020	14400.19	1.369
53	5.439		0.0000	0.000	191037.2	8.713	BB	0.037	85769.11	8.156
54	5.573		0.0000	0.000	88671.0	4.044	BB	0.030	49890.20	4.744
55	5.619		0.0000	0.000	4617.6	0.211	BB	0.015	4999.45	0.475
56	5.669		0.0000	0.000	250914.5	11.444	BB	0.038	109619.40	10.424
57	5.765		0.0000	0.000	153294.5	6.992	BB	0.041	62789.70	5.971
58	5.907		0.0000	0.000	101564.1	4.632	BB	0.034	50066.85	4.761
59	5.974		0.0000	0.000	162142.3	7.395	BB	0.029	93836.83	8.923
60	6.027		0.0000	0.000	8967.8	0.409	BB	0.019	7718.88	0.734
61	6.084		0.0000	0.000	298020.0	13.593	BB	0.046	107919.70	10.262
62	6.174		0.0000	0.000	5586.5	0.255	BB	0.020	4714.31	0.448

ASX05 0561

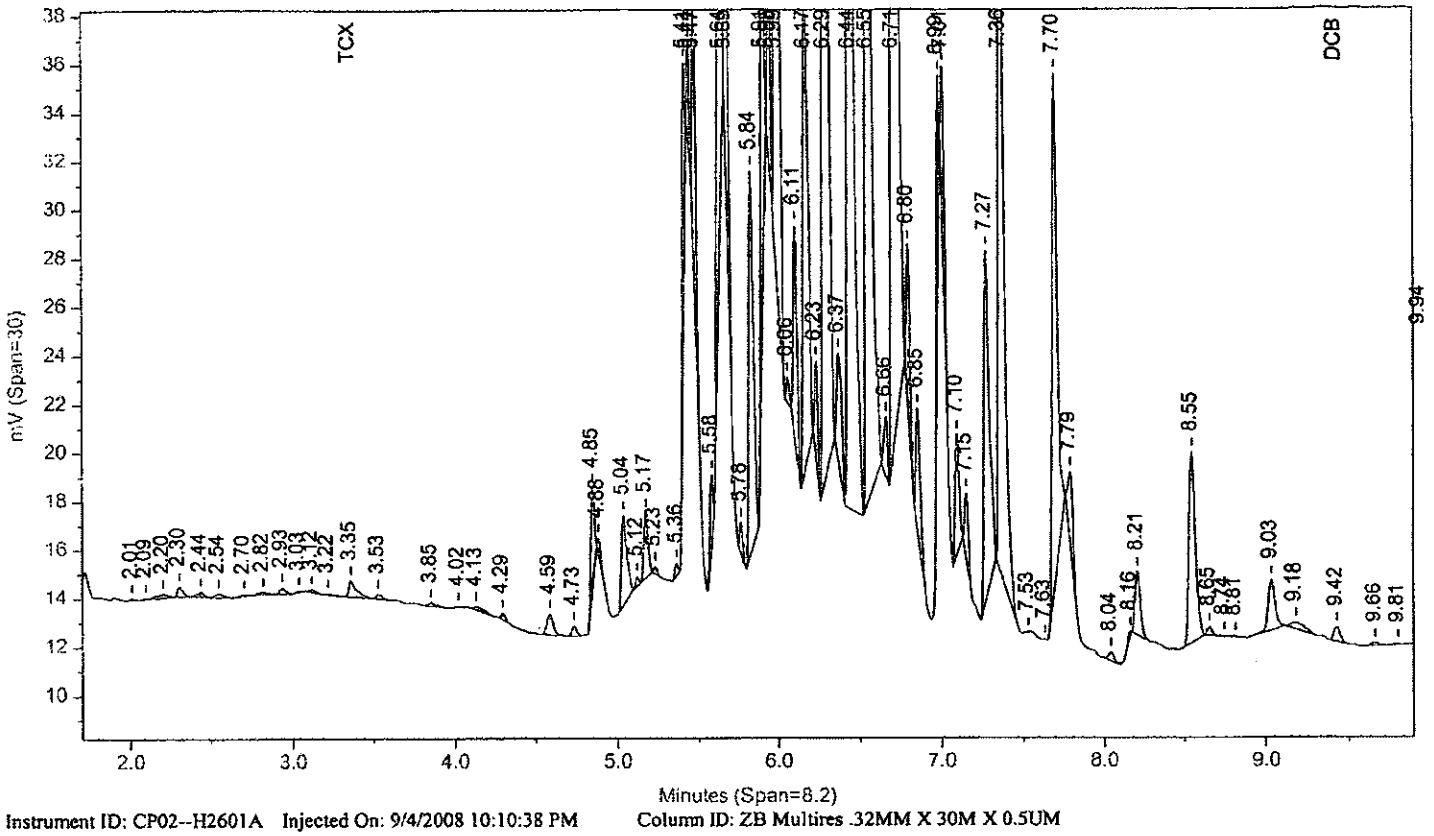
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.258		0.0000	0.000	1155.6	0.053	BB	0.023	846.57	0.081
64	6.331		0.0000	0.000	10581.1	0.483	BB	0.032	5434.18	0.517
65	6.380		0.0000	0.000	8256.3	0.377	BB	0.024	5713.72	0.543
66	6.409		0.0000	0.000	41135.3	1.876	BB	0.026	25966.16	2.469
67	6.476		0.0000	0.000	11951.4	0.545	BB	0.024	8304.80	0.790
68	6.520		0.0000	0.000	3747.0	0.171	BB	0.019	3240.65	0.308
69	6.555		0.0000	0.000	2062.6	0.094	BB	0.016	2149.75	0.204
70	6.599		0.0000	0.000	7946.8	0.362	BB	0.025	5207.33	0.495
71	6.630		0.0000	0.000	102801.4	4.689	BB	0.035	49565.12	4.713
72	6.915		0.0000	0.000	15605.8	0.712	BB	0.026	9827.22	0.934
73	6.973		0.0000	0.000	109843.2	5.010	BB	0.038	48329.63	4.596
74	7.196		0.0000	0.000	1322.1	0.060	BB	0.031	712.37	0.068
75	7.263		0.0000	0.000	4938.8	0.225	BB	0.041	1994.54	0.190
76	7.368		0.0000	0.000	17250.6	0.787	BB	0.041	6933.87	0.659
77	7.539		0.0000	0.000	43369.5	1.978	BB	0.043	16977.77	1.614
78	7.699		0.0000	0.000	405.1	0.018	BB	0.020	344.18	0.033
79	7.740		0.0000	0.000	2002.0	0.091	BB	0.057	582.78	0.055
80	7.857		0.0000	0.000	61.8	0.003	N	-0.004	- 279.43	0.027
81	7.896		0.0000	0.000	11431.0	0.521	BB	0.043	4455.92	0.424
82	8.005		0.0000	0.000	576.7	0.026	BB	0.026	373.16	0.035
83	8.090		0.0000	0.000	318.0	0.015	BB	0.017	319.14	0.030
84	8.174		0.0000	0.000	91.4	0.004	BB	0.007	215.92	0.021
85	8.215	DCB	359.1343	54.702	3555.9	0.162	BB	0.036	1651.76	0.157
86	8.297		0.0000	0.000	415.8	0.019	BB	0.020	352.99	0.034
87	8.338		0.0000	0.000	260.3	0.012	BB	0.020	219.67	0.021
88	8.458		0.0000	0.000	620.2	0.028	BB	0.029	360.55	0.034
89	8.577		0.0000	0.000	1499.8	0.068	BB	0.054	460.15	0.044
90	8.653		0.0000	0.000	444.0	0.020	BB	0.021	351.45	0.033
91	8.736		0.0000	0.000	590.1	0.027	BB	0.024	411.15	0.039
92	8.783		0.0000	0.000	61.6	0.003	BB	0.006	178.38	0.017
93	8.807		0.0000	0.000	645.5	0.029	BB	0.021	511.89	0.049
94	8.899		0.0000	0.000	459.8	0.021	BB	0.021	365.19	0.035
95	8.957		0.0000	0.000	378.8	0.017	BB	0.056	113.15	0.011
96	8.990		0.0000	0.000	1356.4	0.062	BB	0.038	601.19	0.057
97	9.137		0.0000	0.000	3609.5	0.165	BB	0.107	561.82	0.053
98	9.411		0.0000	0.000	330.2	0.015	BB	0.020	270.30	0.026
99	9.707		0.0000	0.000	445.5	0.020	BB	0.019	380.92	0.036
100	9.737		0.0000	0.000	5410.8	0.247	BB	0.163	551.72	0.052
101	9.932		0.0000	0.000	37186.9	1.696	BB	0.063	9796.40	0.932

Total Area = 2192512.0, Total Amount = 656.53, Total Height = 1051605.0, Sample Units = ug/l

ASX85 0562

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.50R

C:\CPWIN\DATA1\8P2235.50R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 10:10:38 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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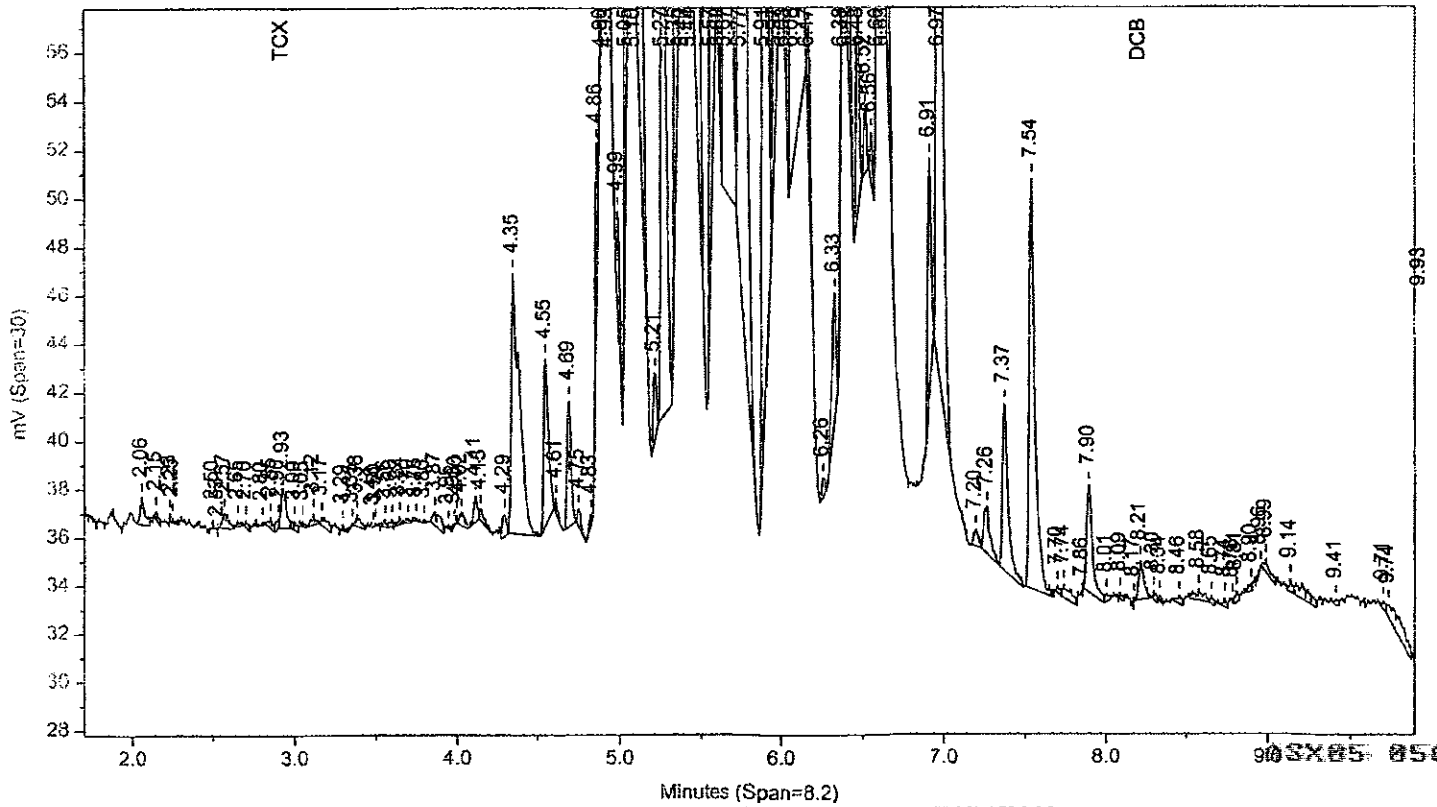

Instrument ID: CP02--H2601B Injected On: 9/4/2008 10:10:38 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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
3.354	674	7.04973	TCX	2.928	1584	9.91318	TCX
9.424	602	8.78121	DCB	8.215	1652	11.97114	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.50A
Area File: C:\CPWIN\DATA1\8P2235B.50A
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: 9/4/2008 10:20:42 PM
File Reported On: 9/4/2008 at 10:20:48 PM

10X REPLOTS

ASX85 0564

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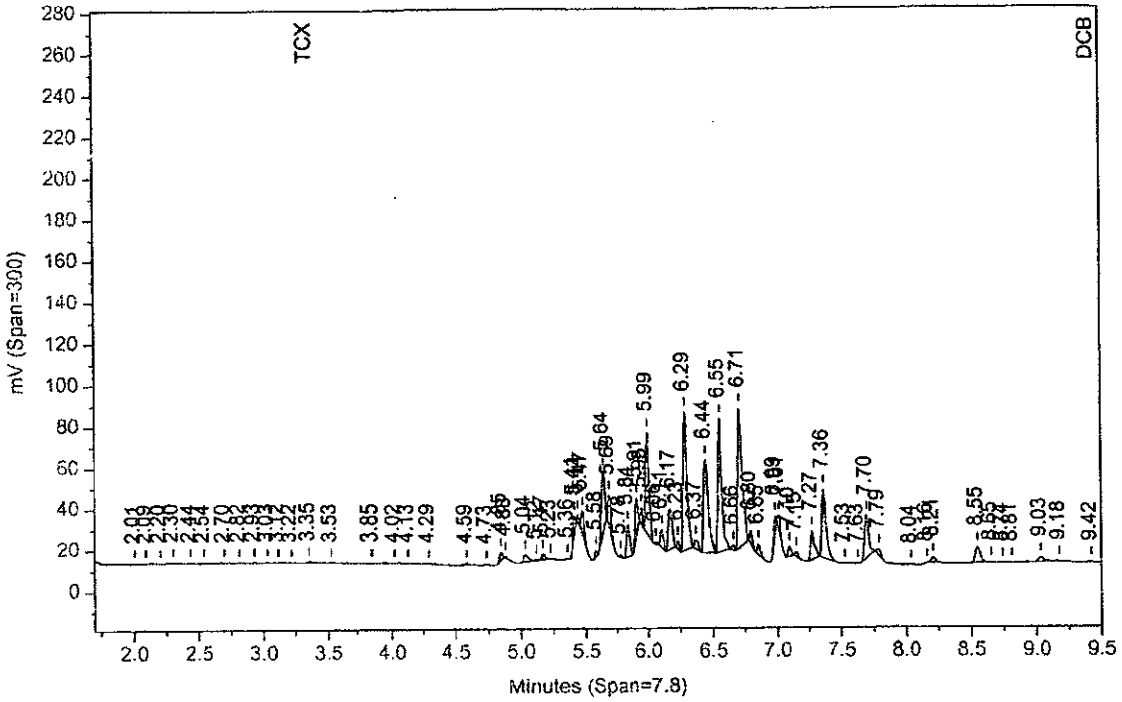

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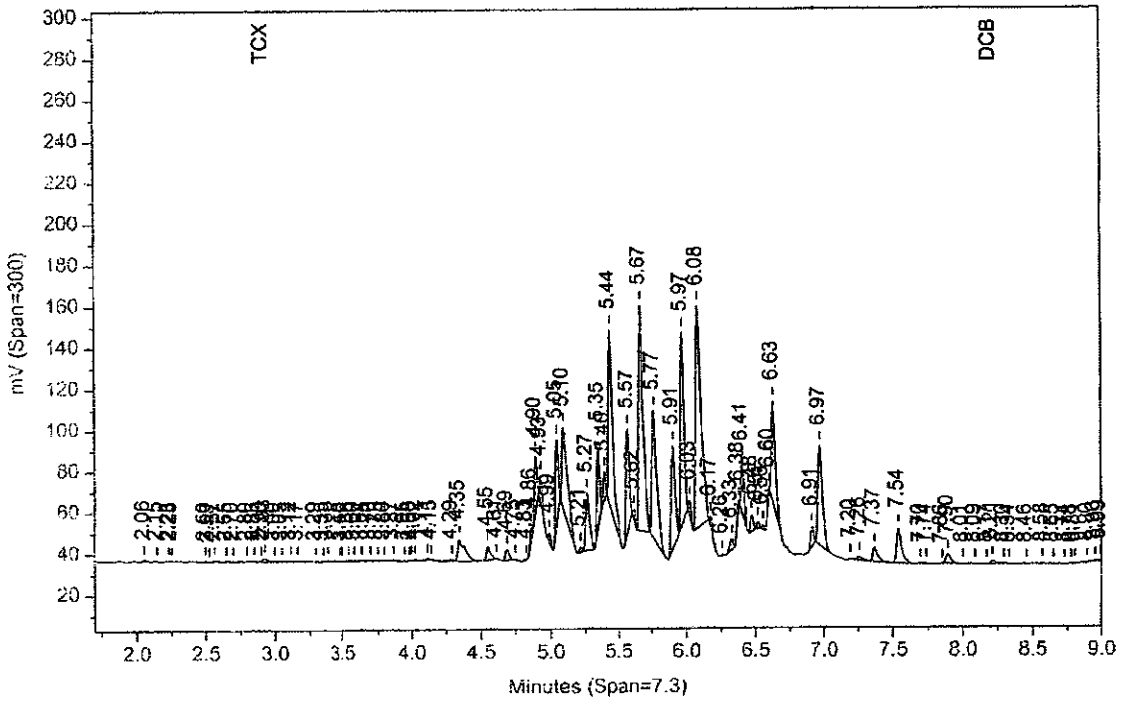


ASX05 0565

Multiple Component Data Summary

Sample Name: 5454438 ACF DF100 AMS26 Sample ID: AC **Batchnumber:** 082460004A
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on	Sep 04, 2008 22:25:07
Instrument	H2601A
Result file	8P2235.51R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX) 77.9% Conc: 7.770471
%SSR(DCB) 105.0% Conc: 10.51379

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**32.87**	
5.61	5.64	5.67	19726.65234	5142.403942			2
5.96	6.00	6.02	30731.24023	5596.556505			3
6.26	6.29	6.32	37783.25781	9116.969907			4
Height summation:			**88241.150391**				
Concentration		CF:	**6618.643451**	L:			
Aroclor-1260						**33.05**	
6.68	6.71	6.74	69633.89062	12789.706693			4
6.77	6.80	6.83	19235.55468	6377.248612			5
6.98	7.02	7.04	32990.75	10035.496072			6
Height summation:			**121860.195313**				
Concentration		CF:	**9734.150459**	L:			

Analysis Report (B)

Injected on	Sep 04, 2008 22:25:07
Instrument	H2601B
Result file	8P2235B.51R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX) 110.2% Conc: 10.99161
%SSR(DCB) 146.3% Conc: 14.65048

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**31.76**	
5.32	5.35	5.38	25517.58007	4997.332691			2
5.41	5.44	5.47	55579.95312	5983.15096			3
5.64	5.67	5.70	59287.71875	9065.558444			4
Height summation:			**140385.251953**				
Concentration		CF:	**6682.014032**	L:			
Aroclor-1260						**80.49**	
6.06	6.09	6.12	105860.9765	18735.913782			4
6.35	6.38	6.41	21761.5	3405.235815			5
7.51	7.54	7.57	34418.10546	7464.386167			6
Height summation:			**162040.582032**				
Concentration		CF:	**9868.511921**	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	B	6682.014032	1700	330		0.95	4	40	
Aroclor-1260	B	9868.511921	1700	330		1.37	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamieh Brilhart Date: 9-5-08

Verified By: [signature] Date: 9.8.08

ASX05 0566

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454438** ACF DF100 AMS26 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:25:07
Instrument : CP02--H2601A
Result file : 8P2235.51R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 77.9% Conc.: 7.770471
%SSR(DCB) : 105% Conc.: 10.513792

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	143.27	
4.26	4.29	4.32	103.079376	41.279965			2
4.55	4.58	4.61	516.244019	92.659924			3
4.71	4.74	4.77	190.43396	83.125539			4
5.14	5.18	5.20	1566.237305	868.793894			5
5.38	5.42	5.44	4448.764648	2295.984909			6
+ 5.38	5.44	5.44	3722.016602	1920.913923			6
Height Summation:			**6824.759308**				
Amount Avg CF:			**676.368846**	Linear:			
Aroclor-1232					5	200.45	
4.26	4.29	4.32	103.079376	86.114767			2
4.55	4.58	4.61	516.244019	189.945736			3
4.70	4.74	4.76	190.43396	178.937242			4
5.13	5.18	5.19	1566.237305	1852.329614			5
E 5.38	5.42	5.44	4448.764648	25007.108758			6
Height Summation:			**6824.759308**				
Amount Avg CF:			**5462.887223**	Linear:			
Aroclor-1242					5	189.70	
4.26	4.29	4.32	103.079376	51.490772			2
4.55	4.58	4.61	516.244019	117.022332			3
4.71	4.74	4.77	190.43396	106.265986			4
5.14	5.18	5.20	1566.237305	1052.472738			5
E 5.38	5.42	5.44	4448.764648	9294.400184			6
Height Summation:			**6824.759308**				
Amount Avg CF:			**2124.330402**	Linear:			
Aroclor-1248					6	130.09	
4.55	4.58	4.61	516.244019	185.478048			1
5.01	5.04	5.07	935.615845	312.571483			2
5.44	5.44	5.50	3722.016602	2060.479168			3
+ 5.44	5.48	5.50	3203.403076	1773.378792			3
5.62	5.64	5.68	19726.65234	6350.526235			4
5.96	6.00	6.02	30731.24023	18735.910672			5
6.26	6.29	6.32	37783.25781	32567.281938			6
Height Summation:			**93415.026857**				
Amount Avg CF:			**10035.374591**	Linear:			
Aroclor-1254					6	66.08	
4.82	4.85	4.88	1979.928345	856.660144			1
5.61	5.64	5.67	19726.65234	5142.403942			2
5.96	6.00	6.02	30731.24023	5596.556505			3
6.26	6.29	6.32	37783.25781	9116.969907			4
6.52	6.55	6.58	38893.35156	13814.255442			5
6.68	6.71	6.74	69633.89062	15017.680454			6
Height Summation:			**198748.320924**				
Amount Avg CF:			**8257.421066**	Linear:			
Aroclor-1260					6	40.32	
6.03	6.07	6.09	6855.263184	3252.460571			1
6.14	6.17	6.20	33682.80468	7847.759774			2
6.41	6.44	6.47	55160.8125	10990.057392			3
6.68	6.71	6.74	69633.89062	12789.706693			4
6.77	6.80	6.83	19235.55468	6377.248612			5
6.98	7.02	7.04	32990.75	10035.496072			6
Height Summation:			**217559.075685**				
Amount Avg CF:			**8548.788186**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:25:07
Instrument : CP02--H2601B
Result file : 8P2235B.51R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 110.2% Conc.: 10.991613
%SSR(DCB) : *146.3% Conc.: 14.650485

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	141.40	
3.32	3.34	3.38	328.646881	87.290704			1
+ 3.32	3.37	3.38	123.972908	32.927994			1
3.65	3.69	3.71	397.97522	70.516097			2
3.84	3.87	3.90	602.39502	141.471442			3
+ 4.08	4.09	4.14	114.828781	12.040323			4
4.08	4.10	4.14	827.33551	86.749916			4
4.66	4.69	4.72	2922.884033	920.5041			6
Height Summation:			**5079.236664**				
Amount Avg CF:			**261.306452**	Linear:			
Aroclor-1221					2	98.32	
3.14	3.16	3.20	734.208374	349.672989			1
3.32	3.34	3.38	328.646881	62.858022			3
+ 3.32	3.37	3.38	123.972908	23.711443			3
Height Summation:			**1062.855255**				
Amount Avg CF:			**206.265506**	Linear:			
Aroclor-1232					6	147.16	
3.32	3.34	3.38	328.646881	75.849173			1
+ 3.32	3.37	3.38	123.972908	28.611994			1
3.65	3.69	3.71	397.97522	132.851041			2
3.83	3.87	3.89	602.39502	288.420483			3
+ 4.07	4.09	4.13	114.828781	23.242811			4
4.07	4.10	4.13	827.33551	167.463264			4
4.34	4.35	4.40	4885.085449	4102.700469			5
4.65	4.69	4.71	2922.884033	1818.562161			6
Height Summation:			**9964.322113**				
Amount Avg CF:			**1097.641099**	Linear:			
Aroclor-1242					5	147.10	
3.32	3.34	3.38	328.646881	104.491568			1
+ 3.32	3.37	3.38	123.972908	39.416542			1
3.65	3.69	3.71	397.97522	89.050417			2
3.84	3.87	3.90	602.39502	174.538954			3
+ 4.08	4.09	4.14	114.828781	15.24981			4
4.08	4.10	4.14	827.33551	109.874102			4
4.66	4.69	4.72	2922.884033	1261.38617			6
Height Summation:			**5079.236664**				
Amount Avg CF:			**347.868242**	Linear:			
Aroclor-1248					4	97.31	
4.52	4.55	4.58	2021.649658	409.205699			3
4.66	4.69	4.72	2922.884033	831.170451			4
4.87	4.90	4.93	30754.97460	7473.088987			5
5.07	5.10	5.13	16060.08789	6567.269941			6
Height Summation:			**51759.596191**				
Amount Avg CF:			**3820.18377**	Linear:			
Aroclor-1254					6	43.36	
5.24	5.27	5.30	15223.57226	5351.554082			1
5.32	5.35	5.38	25517.58007	4997.332691			2
5.41	5.44	5.47	55579.95312	5983.15096			3
5.64	5.67	5.70	59287.71875	9065.558444			4
5.94	5.97	6.00	45549.54687	12000.675226			5
6.05	6.09	6.11	105860.9765	13708.552157			6
Height Summation:			**307019.347657**				
Amount Avg CF:			**8517.803927**	Linear:			

ASX05 0567

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:41:34

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454438** ACF DF100 AMS26 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:25:07
Instrument : CP02--H2601A
Result file : 8P2235.51R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**64.62**	
6.03	6.07	6.09	6855.263184	2757.203721			1
6.13	6.17	6.19	33682.80468	8602.260482			2
6.40	6.44	6.46	55160.8125	12822.722315			3
6.67	6.71	6.73	69633.89062	17937.161524			4
6.76	6.80	6.82	19235.55468	3632.085655			5
6.98	7.02	7.04	32990.75	7512.078483			6
Height Summation:			**217559.075685**				
Amount Avg CF:			**8877.25203**	Linear:			
Aroclor-1268					**5**	**80.25**	
6.76	6.80	6.82	19235.55468	8128.965451			1
7.00	7.02	7.06	32990.75	11494.394041			2
7.66	7.70	7.72	38220.93359	3407.890813			3
8.01	8.05	8.07	571.888672	61.807147			4
8.51	8.55	8.57	16327.41210	4414.050018			6
Height Summation:			**107346.539063**				
Amount Avg CF:			**5501.421494**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:25:07
Instrument : CP02--H2601B
Result file : 8P2235B.51R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**59.07**	
5.43	5.44	5.49	55579.95312	20569.306603			1
5.54	5.57	5.60	62785.15625	8704.173924			2
5.74	5.76	5.80	81155.21093	9651.180215			3
6.06	6.09	6.12	105860.9765	18735.913782			4
6.35	6.38	6.41	21761.5	3405.235815			5
+ 6.35	6.40	6.41	8616.079102	1348.242591			5
7.51	7.54	7.57	34418.10546	7464.386167			6
Height Summation:			**361560.902345**				
Amount Avg CF:			**11421.699418**	Linear:			
Aroclor-1262					**6**	**131.27**	
E 6.05	6.09	6.11	105860.9765	34395.35051			1
6.14	6.18	6.20	14530.24121	5741.526237			2
6.44	6.48	6.50	19828.55859	5376.734177			3
+ 6.88	6.88	6.94	387.533173	56.838888			4
6.88	6.92	6.94	21175.46289	3105.772209			4
7.34	7.37	7.40	14009.05078	4861.726557			5
7.86	7.90	7.92	9147.430664	2799.196215			6
Height Summation:			**184551.720704**				
Amount Avg CF:			**9380.050984**	Linear:			
Aroclor-1268					**5**	**166.26**	
6.35	6.38	6.41	21761.5	4200.236324			2
+ 6.35	6.40	6.41	8616.079102	1663.008911			2
E 6.60	6.63	6.66	118585.7890	52545.61695			3
6.94	6.98	7.00	87180.71875	5145.988249			4
7.16	7.19	7.22	1237.513916	71.940043			5
7.51	7.54	7.57	34418.10546	4346.220861			6
Height Summation:			**263183.627198**				
Amount Avg CF:			**13262.000485**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 88.53	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 133.08	4	10	
Aroclor-1242			1700	330	E	** 143.72	4	30	
Aroclor-1248			1700	330		** 89.71	4	30	
Aroclor-1254			1700	330		3.10	4	40	
Aroclor-1260			1700	330		28.77	4	40	
Aroclor-1262			0	0		5.51	4	40	
Aroclor-1268			0	0		** 82.72	4	40	

Units: _____

ASX05 0560

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:41:34

Sample Name: **5454438ACF DF100 ACAMS26 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 10:35:07pm 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\8P2235.51R**
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	2.011		0.0000	0.000	35.6	0.003	BB	0.019	31.49	0.005
2	2.100		0.0000	0.000	180.1	0.013	BB	0.032	94.74	0.016
3	2.172		0.0000	0.000	80.3	0.006	BB	0.040	33.06	0.005
4	2.208		0.0000	0.000	111.2	0.008	BB	0.031	59.09	0.010
5	2.305		0.0000	0.000	4712.7	0.349	BB	0.037	2100.98	0.349
6	2.438		0.0000	0.000	531.9	0.039	BB	0.047	188.20	0.031
7	2.542		0.0000	0.000	454.4	0.034	BB	0.056	135.05	0.022
8	2.727		0.0000	0.000	231.9	0.017	BB	0.072	53.75	0.009
9	2.827		0.0000	0.000	258.8	0.019	BB	0.059	73.44	0.012
10	2.933		0.0000	0.000	1560.1	0.115	BB	0.036	720.32	0.120
11	3.155		0.0000	0.000	2511.0	0.186	BB	0.035	1181.21	0.196
12	3.355	TCX	233.1141	42.498	1790.3	0.132	BB	0.040	743.34	0.123
13	3.528		0.0000	0.000	413.0	0.031	BB	0.031	220.23	0.037
14	3.859		0.0000	0.000	908.4	0.067	BB	0.052	292.29	0.049
15	4.292		0.0000	0.000	188.5	0.014	BB	0.030	103.08	0.017
16	4.531		0.0000	0.000	81.4	0.006	BB	0.016	84.50	0.014
17	4.584		0.0000	0.000	1285.9	0.095	BB	0.042	516.24	0.086
18	4.647		0.0000	0.000	72.4	0.005	BB	0.026	46.53	0.008
19	4.742		0.0000	0.000	441.5	0.033	BB	0.039	190.43	0.032
20	4.851		0.0000	0.000	3195.0	0.236	BB	0.027	1979.93	0.329
21	4.886		0.0000	0.000	208.8	0.015	BB	0.015	238.86	0.040
22	5.042		0.0000	0.000	2250.4	0.166	BB	0.040	935.62	0.155
23	5.176		0.0000	0.000	3970.2	0.294	BB	0.042	1566.24	0.260
24	5.283		0.0000	0.000	46.3	0.003	BB	0.023	33.75	0.006
25	5.364		0.0000	0.000	336.2	0.025	BB	0.024	236.47	0.039
26	5.417		0.0000	0.000	6372.7	0.471	BB	0.024	4448.76	0.739
27	5.442		0.0000	0.000	3600.4	0.266	BB	0.016	3722.02	0.618
28	5.476		0.0000	0.000	3800.4	0.281	BB	0.020	3203.40	0.532
29	5.584		0.0000	0.000	3354.5	0.248	BB	0.024	2298.32	0.382
30	5.644		0.0000	0.000	35433.1	2.621	BB	0.030	19726.65	3.277
31	5.690		0.0000	0.000	8388.1	0.621	BB	0.023	6001.69	0.997
32	5.747		0.0000	0.000	3266.7	0.242	BB	0.020	2749.04	0.457
33	5.841		0.0000	0.000	15437.3	1.142	BB	0.032	8008.84	1.330
34	5.915		0.0000	0.000	17341.4	1.283	BB	0.031	9210.61	1.530
35	5.950		0.0000	0.000	2386.0	0.177	BB	0.015	2635.65	0.438
36	5.998		0.0000	0.000	55770.1	4.126	BB	0.030	30731.24	5.105
37	6.068		0.0000	0.000	12345.7	0.913	BB	0.030	6855.26	1.139
38	6.108		0.0000	0.000	3686.7	0.273	BB	0.021	2881.46	0.479
39	6.171		0.0000	0.000	82423.0	6.098	BB	0.041	33682.80	5.595
40	6.291		0.0000	0.000	77789.9	5.755	BB	0.034	37783.26	6.277
41	6.372		0.0000	0.000	12676.8	0.938	BB	0.031	6747.05	1.121
42	6.444		0.0000	0.000	151418.0	11.203	BB	0.046	55160.81	9.163
43	6.555		0.0000	0.000	83775.8	6.198	BB	0.036	38893.35	6.461
44	6.662		0.0000	0.000	4604.7	0.341	BB	0.025	3085.40	0.513
45	6.710		0.0000	0.000	160824.4	11.899	BB	0.038	69633.89	11.568
46	6.798		0.0000	0.000	31587.1	2.337	BB	0.027	19235.55	3.195
47	6.854		0.0000	0.000	18727.1	1.386	BB	0.029	10759.37	1.787
48	7.016		0.0000	0.000	99800.8	7.384	BB	0.050	32990.75	5.480
49	7.098		0.0000	0.000	17561.7	1.299	BB	0.028	10455.93	1.737
50	7.151		0.0000	0.000	7822.2	0.579	BB	0.026	5015.69	0.833
51	7.277		0.0000	0.000	28092.7	2.078	BB	0.037	12683.35	2.107
52	7.364		0.0000	0.000	167634.1	12.402	BB	0.041	68152.22	11.321
53	7.700		0.0000	0.000	84994.3	6.288	BB	0.037	38220.93	6.349
54	7.797		0.0000	0.000	19001.8	1.406	BB	0.039	8215.21	1.365
55	8.046		0.0000	0.000	1382.0	0.102	BB	0.040	571.89	0.095
56	8.209		0.0000	0.000	26875.5	1.988	BB	0.060	7408.70	1.231
57	8.452		0.0000	0.000	46.7	0.003	BB	0.046	16.99	0.003
58	8.551		0.0000	0.000	43758.9	3.237	BB	0.045	16327.41	2.712
59	8.649		0.0000	0.000	1295.5	0.096	BB	0.032	678.31	0.113
60	8.757		0.0000	0.000	204.4	0.015	BB	0.040	85.24	0.014
61	9.032		0.0000	0.000	12066.5	0.893	BB	0.051	3933.12	0.653
62	9.184		0.0000	0.000	1689.6	0.125	BB	0.122	231.16	0.038

ASX05 #569

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.422	DCB	315.4138	57.502	2001.2	0.148	BB	0.046	721.13	0.120
64	9.649		0.0000	0.000	37.7	0.003	BB	0.027	23.02	0.004
65	9.822		0.0000	0.000	96.1	0.007	BB	0.045	35.51	0.006
66	9.923		0.0000	0.000	16405.9	1.214	BB	0.040	6897.48	1.146

Total Area = 1351634.0, Total Amount = 548.528, Total Height = 601977.4, Sample Units = ug/l

ASX05 0578

Sample Name: **5454438ACF DF100 ACAMS26 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 10:35:07pm 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\8P2235B.51R**
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	11291.1	0.475	BB	0.046	4105.54	0.395
2	2.220		0.0000	0.000	43.7	0.002	BB	0.010	76.34	0.007
3	2.236		0.0000	0.000	255.9	0.011	BB	0.016	272.63	0.026
4	2.281		0.0000	0.000	1430.6	0.060	BB	0.046	517.44	0.050
5	2.530		0.0000	0.000	218.7	0.009	BB	0.019	196.01	0.019
6	2.571		0.0000	0.000	2933.6	0.123	BB	0.034	1445.03	0.139
7	2.653		0.0000	0.000	432.2	0.018	BB	0.041	174.37	0.017
8	2.722		0.0000	0.000	565.1	0.024	BB	0.032	298.11	0.029
9	2.900		0.0000	0.000	107.4	0.005	BB	0.008	238.41	0.023
10	2.929	TCX	329.7484	42.866	3482.6	0.147	BB	0.033	1756.68	0.169
11	3.019		0.0000	0.000	1816.4	0.076	BB	0.024	1274.71	0.123
12	3.077		0.0000	0.000	101.9	0.004	BB	0.009	193.84	0.019
13	3.101		0.0000	0.000	34.0	0.001	BB	0.009	63.62	0.006
14	3.131		0.0000	0.000	556.7	0.023	BB	0.027	346.55	0.033
15	3.164		0.0000	0.000	1334.1	0.056	BB	0.030	734.21	0.071
16	3.228		0.0000	0.000	1766.0	0.074	BB	0.077	383.70	0.037
17	3.340		0.0000	0.000	642.6	0.027	BB	0.033	328.65	0.032
18	3.371		0.0000	0.000	99.4	0.004	BB	0.013	123.97	0.012
19	3.386		0.0000	0.000	340.5	0.014	BB	0.017	333.36	0.032
20	3.517		0.0000	0.000	785.2	0.033	BB	0.033	395.54	0.038
21	3.587		0.0000	0.000	215.1	0.009	BB	0.034	105.26	0.010
22	3.627		0.0000	0.000	576.1	0.024	BB	0.028	340.06	0.033
23	3.693		0.0000	0.000	549.7	0.023	BB	0.023	397.98	0.038
24	3.868		0.0000	0.000	3775.4	0.159	BB	0.104	602.40	0.058
25	3.950		0.0000	0.000	97.6	0.004	BB	0.005	321.26	0.031
26	3.980		0.0000	0.000	492.6	0.021	BB	0.022	376.62	0.036
27	4.028		0.0000	0.000	1638.5	0.069	BB	0.030	904.48	0.087
28	4.088		0.0000	0.000	79.0	0.003	BB	0.011	114.83	0.011
29	4.104		0.0000	0.000	1490.2	0.063	BB	0.030	827.34	0.080
30	4.246		0.0000	0.000	641.0	0.027	BB	0.024	445.39	0.043
31	4.284		0.0000	0.000	856.1	0.036	BB	0.028	502.18	0.048
32	4.346		0.0000	0.000	16464.8	0.693	BB	0.056	4885.09	0.470
33	4.548		0.0000	0.000	5977.2	0.252	BB	0.049	2021.65	0.194
34	4.690		0.0000	0.000	6293.2	0.265	BB	0.036	2922.88	0.281
35	4.752		0.0000	0.000	401.4	0.017	BB	0.021	319.03	0.031
36	4.821		0.0000	0.000	228.6	0.010	BB	0.014	269.55	0.026
37	4.862		0.0000	0.000	2624.0	0.110	BB	0.024	1808.04	0.174
38	4.897		0.0000	0.000	78207.3	3.292	BB	0.042	30754.97	2.958
39	4.994		0.0000	0.000	4880.4	0.205	BB	0.022	3721.61	0.358
40	5.051		0.0000	0.000	46991.1	1.978	BB	0.026	30118.36	2.897
41	5.097		0.0000	0.000	33110.7	1.394	BB	0.034	16060.09	1.545
42	5.219		0.0000	0.000	2169.6	0.091	BB	0.027	1335.86	0.128
43	5.268		0.0000	0.000	32145.1	1.353	BB	0.035	15223.57	1.464
44	5.351		0.0000	0.000	39325.2	1.655	BB	0.026	25517.58	2.454
45	5.403		0.0000	0.000	7895.8	0.332	BB	0.024	5566.05	0.535
46	5.443		0.0000	0.000	158713.5	6.681	BB	0.048	55579.95	5.346
47	5.572		0.0000	0.000	142415.0	5.995	BB	0.038	62785.16	6.039
48	5.669		0.0000	0.000	144398.9	6.079	BB	0.041	59287.72	5.702
49	5.765		0.0000	0.000	193598.5	8.150	BB	0.040	81155.21	7.806
50	5.907		0.0000	0.000	135171.8	5.690	BB	0.034	66541.45	6.400
51	5.975		0.0000	0.000	76969.9	3.240	BB	0.028	45549.55	4.381
52	6.034		0.0000	0.000	16675.0	0.702	BB	0.022	12704.31	1.222
53	6.086		0.0000	0.000	312932.5	13.173	BB	0.049	105861.00	10.182
54	6.177		0.0000	0.000	20565.1	0.866	BB	0.024	14530.24	1.398
55	6.324		0.0000	0.000	17319.2	0.729	BB	0.042	6839.85	0.658
56	6.380		0.0000	0.000	30871.8	1.300	BB	0.024	21761.50	2.093
57	6.403		0.0000	0.000	9815.3	0.413	BB	0.019	8616.08	0.829
58	6.477		0.0000	0.000	31422.4	1.323	BB	0.026	19828.56	1.907
59	6.520		0.0000	0.000	6607.6	0.278	BB	0.018	6005.35	0.578
60	6.558		0.0000	0.000	4725.3	0.199	BB	0.018	4457.25	0.429
61	6.631		0.0000	0.000	307283.7	12.936	BB	0.043	118585.80	11.406
62	6.837		0.0000	0.000	73.3	0.003	BB	0.007	186.06	0.018

ASX05 0571

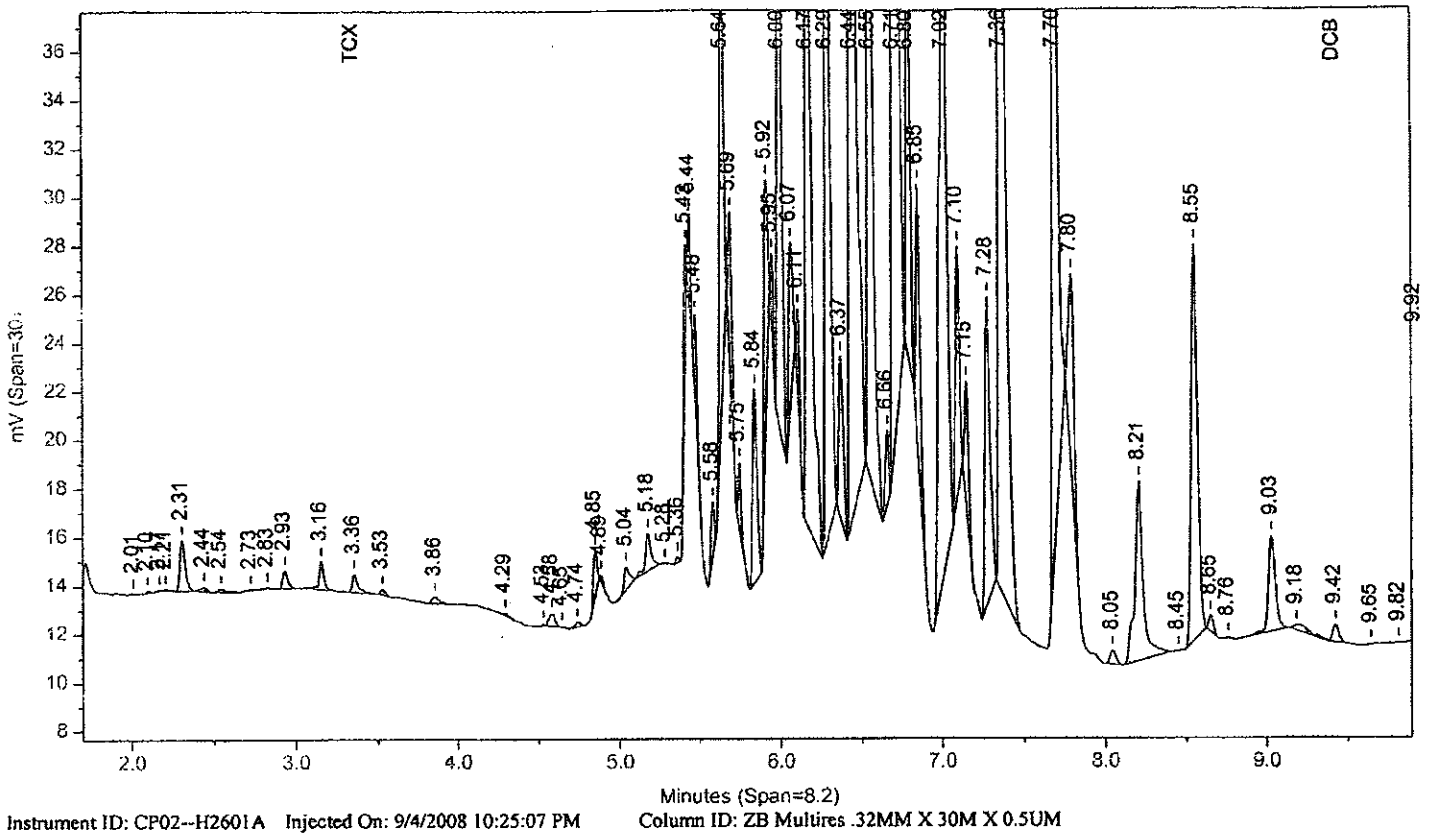
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.880		0.0000	0.000	537.7	0.023	BB	0.023	387.53	0.037
64	6.916		0.0000	0.000	35368.9	1.489	BB	0.028	21175.46	2.037
65	6.977		0.0000	0.000	201314.6	8.475	BB	0.038	87180.72	8.385
66	7.191		0.0000	0.000	2064.7	0.087	BB	0.028	1237.51	0.119
67	7.255		0.0000	0.000	6963.2	0.293	BB	0.043	2679.80	0.258
68	7.372		0.0000	0.000	32883.4	1.384	BB	0.039	14009.05	1.347
69	7.542		0.0000	0.000	90680.5	3.817	BB	0.044	34418.11	3.310
70	7.743		0.0000	0.000	226.2	0.010	BB	0.014	260.99	0.025
71	7.836		0.0000	0.000	128.4	0.005	BB	0.009	234.86	0.023
72	7.898		0.0000	0.000	22180.3	0.934	BB	0.040	9147.43	0.880
73	8.060		0.0000	0.000	1765.1	0.074	BB	0.060	488.28	0.047
74	8.219	DCB	439.5146	57.135	5402.3	0.227	BB	0.045	2021.45	0.194
75	8.366		0.0000	0.000	77.4	0.003	BB	0.010	124.18	0.012
76	8.437		0.0000	0.000	540.9	0.023	BB	0.027	332.35	0.032
77	8.520		0.0000	0.000	383.1	0.016	BB	0.023	283.34	0.027
78	8.544		0.0000	0.000	463.1	0.019	BB	0.021	371.83	0.036
79	8.584		0.0000	0.000	214.4	0.009	BB	0.020	182.23	0.018
80	8.620		0.0000	0.000	377.5	0.016	BB	0.014	435.04	0.042
81	8.655		0.0000	0.000	212.7	0.009	BB	0.020	177.80	0.017
82	8.697		0.0000	0.000	455.3	0.019	BB	0.025	309.04	0.030
83	8.773		0.0000	0.000	368.3	0.016	BB	0.017	360.44	0.035
84	8.837		0.0000	0.000	202.0	0.009	BB	0.026	130.87	0.013
85	8.870		0.0000	0.000	214.5	0.009	BB	0.013	282.21	0.027
86	8.903		0.0000	0.000	432.6	0.018	BB	0.025	287.75	0.028
87	8.937		0.0000	0.000	180.2	0.008	BB	0.014	221.45	0.021
88	8.980		0.0000	0.000	2372.7	0.100	BB	0.081	490.52	0.047
89	9.119		0.0000	0.000	187.8	0.008	BB	0.013	244.62	0.024
90	9.210		0.0000	0.000	2315.6	0.097	BB	0.076	507.02	0.049
91	9.364		0.0000	0.000	735.8	0.031	BB	0.034	361.72	0.035
92	9.453		0.0000	0.000	180.3	0.008	BB	0.026	113.99	0.011
93	9.479		0.0000	0.000	207.7	0.009	BB	0.010	357.56	0.034
94	9.570		0.0000	0.000	520.5	0.022	BB	0.019	451.95	0.043
95	9.636		0.0000	0.000	345.8	0.015	BB	0.023	250.25	0.024
96	9.677		0.0000	0.000	2887.2	0.122	BB	0.088	548.57	0.053
97	9.930		0.0000	0.000	37191.2	1.566	BB	0.058	10624.55	1.022

Total Area = 2375504.0, Total Amount = 769.263, Total Height = 1039687.0, Sample Units = ug/l

aSX05 0572

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.51R

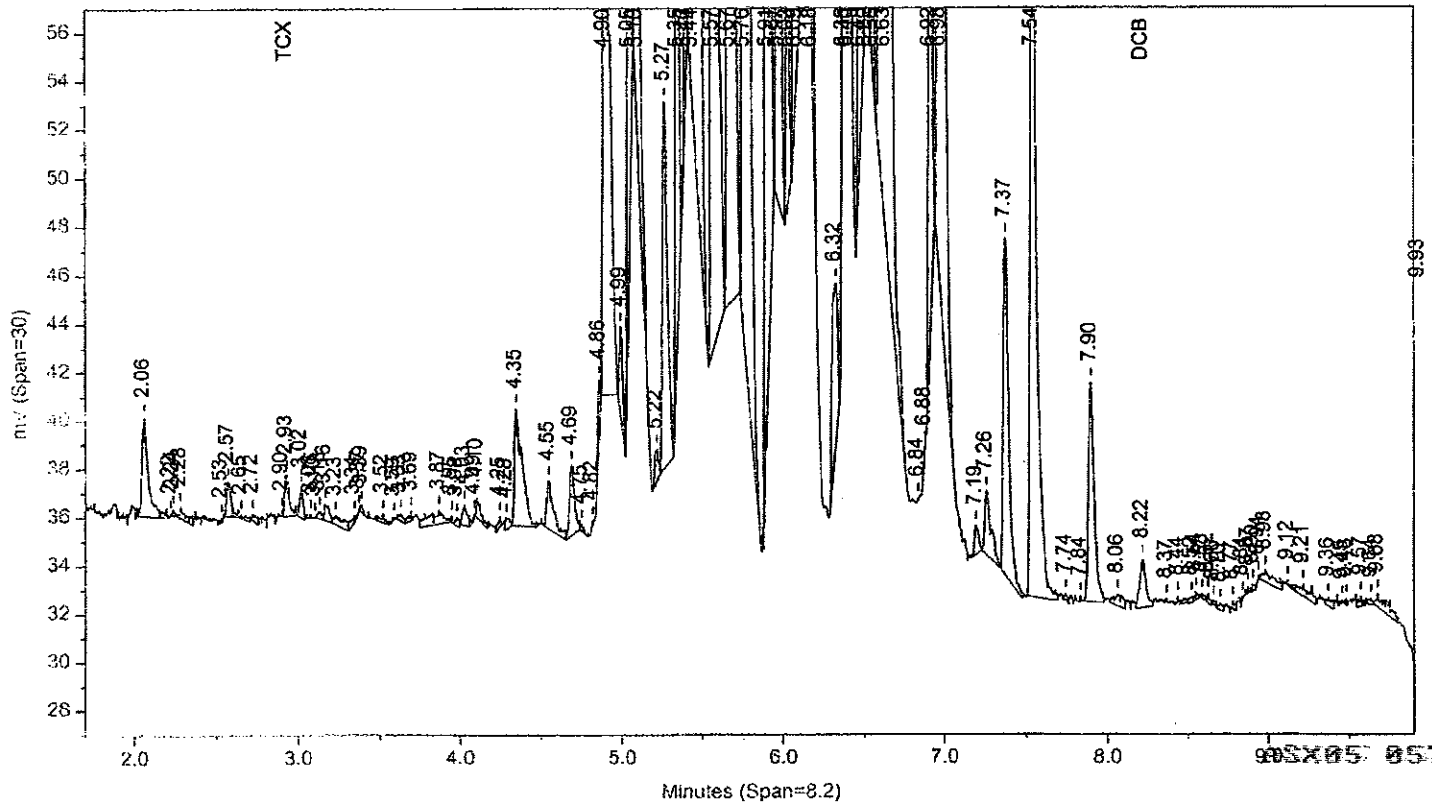
C:\CPWIN\DATA1\8P2235.51R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 10:25:07 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.51R

C:\CPWIN\DATA1\8P2235B.51R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 10:25:07 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

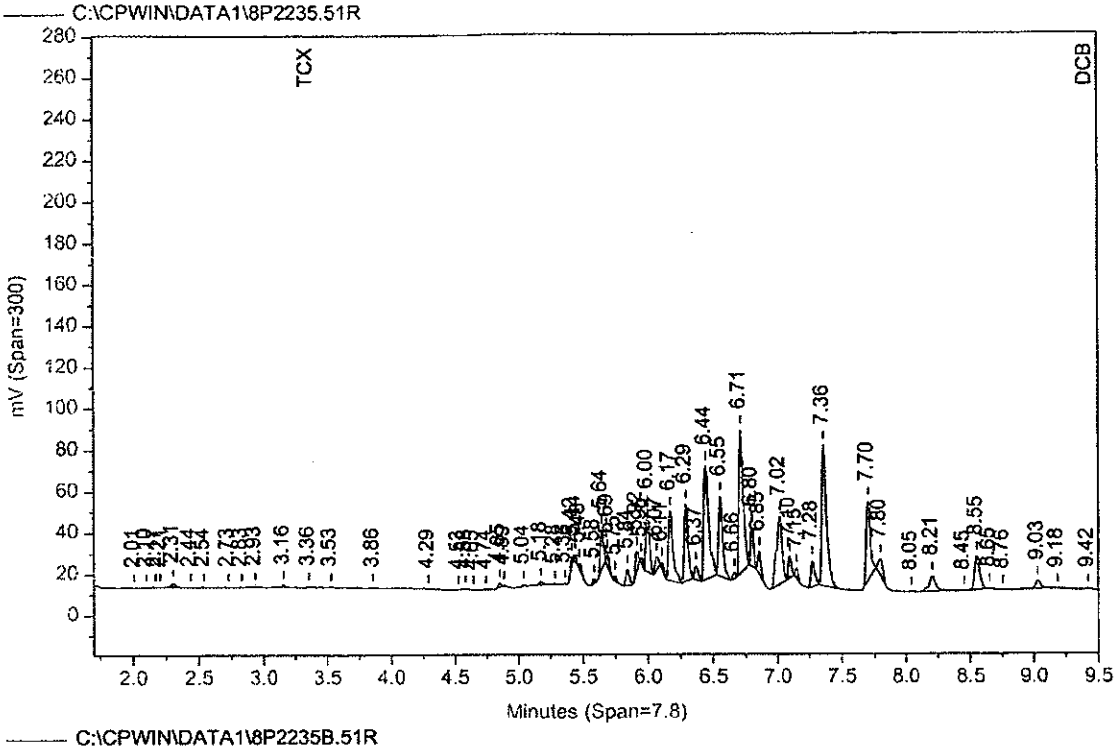
Dilution Factor: 1000

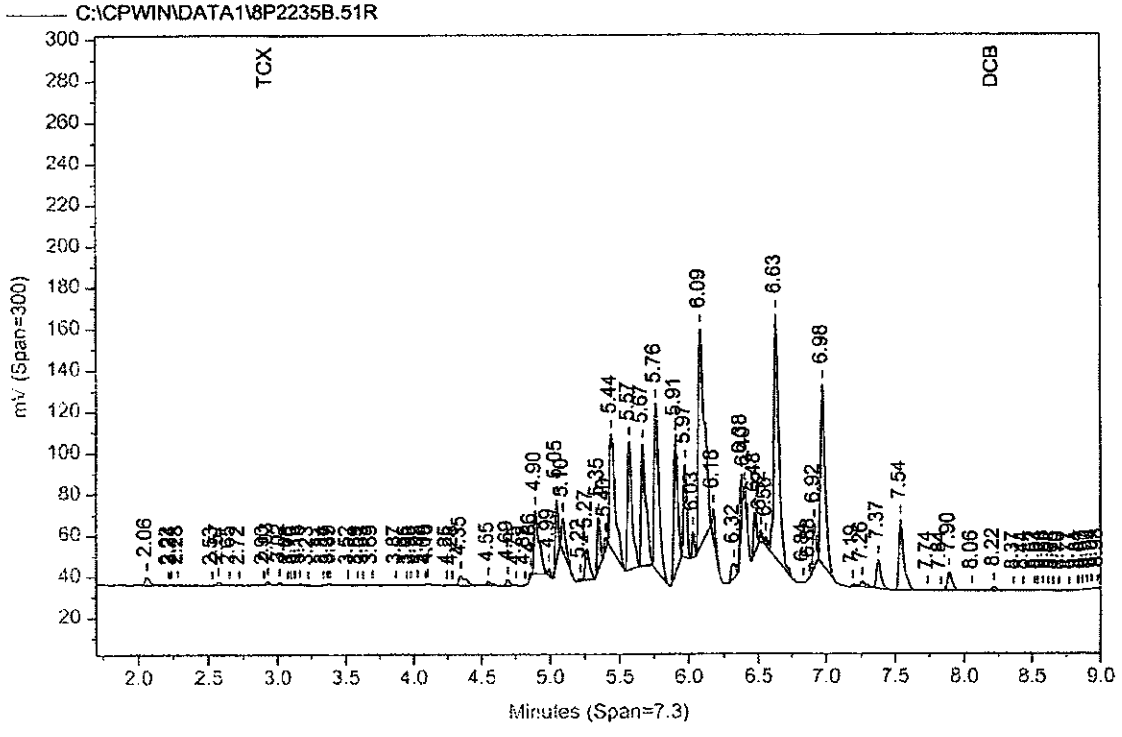
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	743	7.77047	TCX	2.929	1757	10.99161	TCX
9.422	721	10.51379	DCB	8.219	2021	14.65049	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.51A
Area File: C:\CPWIN\DATA1\8P2235B.51A
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: 9/4/2008 10:35:10 PM
File Reported On: 9/4/2008 at 10:35:17 PM

10X REPLOTS

ASX05 0574


C:\CPWIN\DATA1\8P2235.51R
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\8P2235B.51R
TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

ASX05 0575

Multiple Component Data Summary

Sample Name: 5454439 ACF DF50 AMS27 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 22:39:33
Instrument H2601A
Result file 8P2235.52R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 81.6% Conc: 8.14133
%SSR(DCB) 110.1% Conc: 11.0238

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**45.12**	
6.03	6.07	6.09	5049.917969	1197.959775			1
6.14	6.17	6.20	27456.43164	3198.538272			2
6.41	6.44	6.47	51153.625	5095.83932			3
6.68	6.71	6.74	63962.60156	5874.02848			4
6.77	6.80	6.83	17048.82226	2826.135765			5
6.98	7.01	7.04	29983.12109	4560.300902			6

Height summation: **194654.519533**
Concentration CF: **3792.133752** L:

Analysis Report (B)

Injected on Sep 04, 2008 22:39:33
Instrument H2601B
Result file 8P2235B.52R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 100.2% Conc: 9.998038
%SSR(DCB) 133.8% Conc: 13.4018

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**58.64**	
5.43	5.45	5.49	48345.25390	8945.926494			1
5.54	5.58	5.60	54711.21875	3792.424771			2
5.74	5.77	5.80	74159.25781	4409.602005			3
6.06	6.09	6.12	98959.28906	8757.205762			4
6.35	6.39	6.41	18811.34570	1471.798086			5
7.51	7.54	7.57	33076.23046	3586.684302			6

Height summation: **328062.595704**
Concentration CF: **5160.606903** 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	5160.606903	850	165	B	30.57	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

ASX05 0576

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: 5454439 ACF DF50 AMS27 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:39:33
Instrument : CP02--H2601A
Result file : 8P2235.52R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 81.6% Conc.: 8.14133
%SSR(DCB) : 110.1% Conc.: 11.023856

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	139.77	
4.55	4.58	4.61	285.296753	25.60376			3
4.71	4.74	4.77	94.052887	20.527318			4
5.14	5.18	5.20	954.855591	264.829826			5
5.38	5.42	5.44	3749.572266	967.567631			6
+ 5.38	5.44	5.44	1290.830444	333.095528			6
Height Summation:			5083.777497				
Amount Avg CF:			319.632134	Linear:			
Aroclor-1232					4	184.46	
4.55	4.58	4.61	285.296753	52.485743			3
4.70	4.74	4.76	94.052887	44.187403			4
5.13	5.18	5.19	954.855591	564.635794			5
E 5.38	5.42	5.44	3749.572266	10538.42683			6
Height Summation:			5083.777497				
Amount Avg CF:			2799.933943	Linear:			
Aroclor-1242					4	176.91	
4.55	4.58	4.61	285.296753	32.335572			3
4.71	4.74	4.77	94.052887	26.241703			4
5.14	5.18	5.20	954.855591	320.819672			5
E 5.38	5.42	5.44	3749.572266	3916.820501			6
+ 5.38	5.44	5.44	1290.830444	1348.407442			6
Height Summation:			5083.777497				
Amount Avg CF:			1074.054362	Linear:			
Aroclor-1248					6	132.25	
4.55	4.58	4.61	285.296753	51.251233			1
5.01	5.04	5.07	675.880371	112.899397			2
5.44	5.48	5.50	3344.042969	925.617966			3
5.62	5.65	5.68	15205.54296	2447.531336			4
5.96	6.00	6.02	26881.77343	8194.503411			5
6.26	6.29	6.32	32873.79687	14167.785855			6
Height Summation:			79266.333375				
Amount Avg CF:			4316.5982	Linear:			
Aroclor-1254					6	71.23	
4.82	4.85	4.88	1128.013306	244.030054			1
5.61	5.65	5.67	15205.54296	1981.913675			2
5.96	6.00	6.02	26881.77343	2447.759395			3
6.26	6.29	6.32	32873.79687	3966.166951			4
6.52	6.56	6.58	35735.58203	6346.334766			5
6.68	6.71	6.74	63962.60156	6897.287389			6
Height Summation:			175787.310182				
Amount Avg CF:			3647.248705	Linear:			
Aroclor-1260					6	45.12	
6.03	6.07	6.09	5049.917969	1197.959775			1
6.14	6.17	6.20	27456.43164	3198.538272			2
6.41	6.44	6.47	51153.625	5095.83932			3
6.68	6.71	6.74	63962.60156	5874.02848			4
6.77	6.80	6.83	17048.82226	2826.135765			5
6.98	7.01	7.04	29983.12109	4560.300902			6
Height Summation:			194654.519533				
Amount Avg CF:			3792.133752	Linear:			

9.8.08

Analysis Report (B)

Injected on : SEP 04, 2008 22:39:33
Instrument : CP02--H2601B
Result file : 8P2235B.52R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 100.2% Conc.: 9.998038
%SSR(DCB) : 133.8% Conc.: 13.401803

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	103.35	
+ 3.32	3.34	3.38	116.287064	15.443292			1
3.32	3.37	3.38	1015.754211	134.895392			1
+ 3.65	3.68	3.71	281.631805	24.950769			2
3.65	3.70	3.71	435.57019	38.588721			2
3.84	3.88	3.90	279.296661	32.796172			3
4.08	4.12	4.14	605.950806	31.768358			4
4.66	4.69	4.72	1754.929932	276.340111			6
Height Summation:			4091.501800				
Amount Avg CF:			102.877751	Linear:			
Aroclor-1221					2	9.37	
3.14	3.17	3.20	465.835297	110.929013			1
+ 3.32	3.34	3.38	116.287064	11.120712			3
3.32	3.37	3.38	1015.754211	97.13815			3
Height Summation:			1481.589508				
Amount Avg CF:			104.033582	Linear:			
Aroclor-1232					6	137.98	
+ 3.32	3.34	3.38	116.287064	13.41908			1
3.32	3.37	3.38	1015.754211	117.21413			1
+ 3.65	3.68	3.71	281.631805	47.006794			2
3.65	3.70	3.71	435.57019	72.700447			2
3.83	3.88	3.89	279.296661	66.862171			3
+ 4.07	4.08	4.13	314.485413	31.82793			4
4.07	4.12	4.13	605.950806	61.326088			4
4.34	4.35	4.40	3107.356201	1304.844294			5
4.65	4.69	4.71	1754.929932	545.941805			6
Height Summation:			7198.858001				
Amount Avg CF:			361.481489	Linear:			
Aroclor-1242					6	118.80	
+ 3.32	3.34	3.38	116.287064	18.486434			1
3.32	3.37	3.38	1015.754211	161.476887			1
+ 3.65	3.68	3.71	281.631805	31.508783			2
3.65	3.70	3.71	435.57019	48.731309			2
3.84	3.88	3.90	279.296661	40.461944			3
4.08	4.12	4.14	605.950806	40.236579			4
4.35	4.35	4.41	3107.356201	735.43411			5
4.66	4.69	4.72	1754.929932	378.674679			6
Height Summation:			7198.858001				
Amount Avg CF:			234.169251	Linear:			
Aroclor-1248					5	117.52	
4.14	4.16	4.20	395.023102	184.363141			1
4.52	4.55	4.58	1927.769531	195.101628			3
4.66	4.69	4.72	1754.929932	249.521686			4
4.87	4.90	4.93	14118.97558	1715.37064			5
5.07	5.10	5.13	14498.24609	2964.301827			6
Height Summation:			32694.944245				
Amount Avg CF:			1061.731784	Linear:			

ASX05 8577

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:42:17

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454439** ACF DF50 AMS27 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:39:33
Instrument : CP02--H2601A
Result file : 8P2235.52R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	68.73	
6.03	6.07	6.09	5049.917969	1015.544717			1
6.13	6.17	6.19	27456.43164	3506.052703			2
6.40	6.44	6.46	51153.625	5945.604307			3
6.67	6.71	6.73	63962.60156	8238.14026			4
6.76	6.80	6.82	17048.82226	1609.591816			5
6.98	7.01	7.04	29983.12109	3413.616829			6
Height Summation:			**194654.519533**				
Amount Avg CF:			**3954.758439**	Linear:			
Aroclor-1268					5	78.67	
6.76	6.80	6.82	17048.82226	3602.425026			1
7.00	7.01	7.06	29983.12109	5223.249069			2
7.66	7.70	7.72	36190.83984	1613.440843			3
8.01	8.04	8.07	588.322693	31.791631			4
8.51	8.55	8.57	15579.76660	2105.963535			6
Height Summation:			**99390.872499**				
Amount Avg CF:			**2515.374021**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:39:33
Instrument : CP02--H2601B
Result file : 8P2235B.52R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					6	49.11	
5.24	5.27	5.30	12180.41113	2140.894653			1
5.32	5.35	5.38	20662.625	2023.272016			2
5.41	5.45	5.47	48345.25390	2602.169812			3
5.64	5.68	5.70	51158.12109	3911.239515			4
5.94	5.98	6.00	41933.89843	5524.04064			5
6.05	6.09	6.11	98959.28906	6407.406296			6
Height Summation:			**273239.598634**				
Amount Avg CF:			**3768.170489**	Linear:			
Aroclor-1260					6	58.64	
5.43	5.45	5.49	48345.25390	8945.926494			1
5.54	5.58	5.60	54711.21875	3792.424771			2
5.74	5.77	5.80	74159.25781	4409.602005			3
6.06	6.09	6.12	98959.28906	8757.205762			4
6.35	6.39	6.41	18811.34570	1471.798086			5
+ 6.35	6.41	6.41	9473.481445	741.204382			5
7.51	7.54	7.57	33076.23046	3586.684302			6
Height Summation:			**328062.595704**				
Amount Avg CF:			**5160.606903**	Linear:			
Aroclor-1262					6	133.47	
E 6.05	6.09	6.11	98959.28906	16076.459636			1
6.14	6.18	6.20	13394.12109	2646.29804			2
6.44	6.48	6.50	17106.13867	2319.259869			3
6.88	6.92	6.94	19361.11718	1419.832473			4
7.34	7.37	7.40	13079.13769	2269.503911			5
7.86	7.90	7.92	8182.648438	1251.98208			6
Height Summation:			**170082.452150**				
Amount Avg CF:			**4330.556002**	Linear:			
Aroclor-1268					5	166.76	
6.35	6.39	6.41	18811.34570	1815.410186			2
E 6.60	6.63	6.66	110999.6718	24592.096094			3
6.94	6.98	7.00	82623.5625	2438.497226			4
7.16	7.20	7.22	1042.429932	30.299641			5
7.51	7.54	7.57	33076.23046	2088.386344			6
Height Summation:			**246553.240479**				
Amount Avg CF:			**6192.937898**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 102.60	4	15	
Aroclor-1221			850	260			3	5	
Aroclor-1232			850	165	E	** 154.26	4	10	
Aroclor-1242			850	165	E	** 128.40	4	30	
Aroclor-1248			850	165		** 121.04	4	30	
Aroclor-1254			850	165		3.26	4	40	
Aroclor-1260			850	165		30.57	4	40	
Aroclor-1262			0	0		9.07	4	40	
Aroclor-1268			0	0		** 84.46	4	40	

Units: _____

ASX05 0578

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:42:17

Sample Name: **5454439ACF DF50 ACAMS27 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 10:49:33pm 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\8P2235.52R**
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	2.011		0.0000	0.000	58.9	0.005	BB	0.021	47.36	0.009
2	2.100		0.0000	0.000	216.6	0.018	BB	0.031	118.26	0.022
3	2.167		0.0000	0.000	74.7	0.006	BB	0.031	40.05	0.007
4	2.208		0.0000	0.000	513.0	0.042	BB	0.038	227.72	0.042
5	2.304		0.0000	0.000	4485.3	0.364	BB	0.037	2022.55	0.373
6	2.407		0.0000	0.000	77.9	0.006	BB	0.026	50.35	0.009
7	2.436		0.0000	0.000	164.2	0.013	BB	0.023	117.04	0.022
8	2.542		0.0000	0.000	542.5	0.044	BB	0.062	146.50	0.027
9	2.712		0.0000	0.000	240.2	0.020	BB	0.059	68.41	0.013
10	2.824		0.0000	0.000	324.5	0.026	BB	0.056	97.15	0.018
11	2.932		0.0000	0.000	1610.7	0.131	BB	0.036	739.80	0.137
12	3.031		0.0000	0.000	130.4	0.011	BB	0.033	66.56	0.012
13	3.121		0.0000	0.000	298.2	0.024	BB	0.055	90.44	0.017
14	3.355	TCX	244.2399	42.480	3682.2	0.299	BB	0.039	1557.63	0.288
15	3.527		0.0000	0.000	698.4	0.057	BB	0.038	308.93	0.057
16	3.862		0.0000	0.000	1272.0	0.103	BB	0.040	527.40	0.097
17	4.021		0.0000	0.000	63.1	0.005	BB	0.031	34.09	0.006
18	4.075		0.0000	0.000	2177.9	0.177	BB	0.561	64.70	0.012
19	4.583		0.0000	0.000	970.3	0.079	BB	0.057	285.30	0.053
20	4.743		0.0000	0.000	222.3	0.018	BB	0.039	94.05	0.017
21	4.852		0.0000	0.000	1803.8	0.146	BB	0.027	1128.01	0.208
22	4.886		0.0000	0.000	111.2	0.009	BB	0.015	126.38	0.023
23	5.042		0.0000	0.000	1502.7	0.122	BB	0.037	675.88	0.125
24	5.176		0.0000	0.000	2284.9	0.186	BB	0.040	954.86	0.176
25	5.285		0.0000	0.000	89.8	0.007	BB	0.034	43.47	0.008
26	5.363		0.0000	0.000	260.6	0.021	BB	0.024	181.65	0.034
27	5.418		0.0000	0.000	4913.3	0.399	BB	0.022	3749.57	0.692
28	5.439		0.0000	0.000	1022.1	0.083	BB	0.013	1290.83	0.238
29	5.478		0.0000	0.000	4939.4	0.401	BB	0.025	3344.04	0.617
30	5.585		0.0000	0.000	2710.2	0.220	BB	0.024	1883.81	0.348
31	5.646		0.0000	0.000	27962.3	2.271	BB	0.031	15205.54	2.808
32	5.692		0.0000	0.000	8084.1	0.657	BB	0.023	5739.01	1.060
33	5.781		0.0000	0.000	528.5	0.043	BB	0.022	406.53	0.075
34	5.843		0.0000	0.000	12404.3	1.007	BB	0.032	6467.42	1.194
35	5.915		0.0000	0.000	12169.2	0.988	BB	0.028	7314.00	1.350
36	5.951		0.0000	0.000	3214.6	0.261	BB	0.017	3089.79	0.570
37	5.999		0.0000	0.000	48837.4	3.966	BB	0.030	26881.77	4.963
38	6.068		0.0000	0.000	8960.1	0.728	BB	0.030	5049.92	0.932
39	6.109		0.0000	0.000	3438.6	0.279	BB	0.019	3048.10	0.563
40	6.171		0.0000	0.000	67769.6	5.504	BB	0.041	27456.43	5.070
41	6.292		0.0000	0.000	67581.9	5.489	BB	0.034	32873.80	6.070
42	6.372		0.0000	0.000	11915.4	0.968	BB	0.031	6465.85	1.194
43	6.445		0.0000	0.000	137695.2	11.183	BB	0.045	51153.63	9.445
44	6.556		0.0000	0.000	74895.3	6.082	BB	0.035	35735.58	6.598
45	6.663		0.0000	0.000	3922.4	0.319	BB	0.024	2674.30	0.494
46	6.712		0.0000	0.000	149361.4	12.130	BB	0.039	63962.60	11.810
47	6.799		0.0000	0.000	27784.0	2.256	BB	0.027	17048.82	3.148
48	6.856		0.0000	0.000	16572.9	1.346	BB	0.028	9767.28	1.803
49	7.015		0.0000	0.000	92046.2	7.475	BB	0.051	29983.12	5.536
50	7.097		0.0000	0.000	15762.7	1.280	BB	0.028	9342.50	1.725
51	7.150		0.0000	0.000	6822.5	0.554	BB	0.026	4458.58	0.823
52	7.275		0.0000	0.000	26842.6	2.180	BB	0.038	11809.86	2.181
53	7.365		0.0000	0.000	156276.6	12.692	BB	0.041	63226.35	11.674
54	7.700		0.0000	0.000	77452.4	6.290	BB	0.036	36190.84	6.682
55	7.794		0.0000	0.000	17461.4	1.418	BB	0.038	7734.10	1.428
56	7.937		0.0000	0.000	340.4	0.028	BB	0.030	192.31	0.036
57	8.045		0.0000	0.000	1465.4	0.119	BB	0.042	588.32	0.109
58	8.208		0.0000	0.000	23744.4	1.928	BB	0.055	7151.12	1.320
59	8.546		0.0000	0.000	41905.1	3.403	BB	0.045	15579.77	2.877
60	8.648		0.0000	0.000	1476.6	0.120	BB	0.034	720.62	0.133
61	8.798		0.0000	0.000	191.4	0.016	BB	0.074	43.23	0.008
62	8.864		0.0000	0.000	158.0	0.013	BB	0.041	64.08	0.012

0SX05 0579

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.031		0.0000	0.000	11049.6	0.897	BB	0.049	3744.70	0.691
64	9.187		0.0000	0.000	734.5	0.060	BB	0.077	158.31	0.029
65	9.425	DCB	330.7157	57.520	4509.4	0.366	BB	0.050	1512.22	0.279
66	9.654		0.0000	0.000	110.9	0.009	BB	0.041	44.55	0.008
67	9.766		0.0000	0.000	387.9	0.032	BB	0.056	114.78	0.021
68	9.874		0.0000	0.000	108.6	0.009	BB	0.048	37.69	0.007
69	9.930		0.0000	0.000	31929.3	2.593	BB	0.063	8478.21	1.565

Total Area = 1231335.0, Total Amount = 574.956, Total Height = 541598.5, Sample Units = ug/l

ASX05 0500

Sample Name: **5454439ACF DF50 ACAMS27 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 10:49:33pm 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\8P2235B.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	2.033		0.0000	0.000	128.0	0.006	BB	0.010	204.63	0.022
2	2.062		0.0000	0.000	10608.8	0.504	BB	0.044	3992.99	0.428
3	2.299		0.0000	0.000	354.4	0.017	BB	0.014	424.16	0.046
4	2.333		0.0000	0.000	347.0	0.016	BB	0.019	312.53	0.034
5	2.374		0.0000	0.000	930.4	0.044	BB	0.062	248.42	0.027
6	2.500		0.0000	0.000	122.2	0.006	BB	0.019	107.14	0.011
7	2.533		0.0000	0.000	142.5	0.007	BB	0.024	97.70	0.010
8	2.573		0.0000	0.000	4028.5	0.191	BB	0.036	1880.82	0.202
9	2.740		0.0000	0.000	511.0	0.024	BB	0.025	340.31	0.037
10	2.847		0.0000	0.000	763.2	0.036	BB	0.034	370.66	0.040
11	2.926	TCX	299.9412	42.727	7200.2	0.342	BB	0.038	3195.77	0.343
12	3.053		0.0000	0.000	477.0	0.023	BB	0.020	394.52	0.042
13	3.125		0.0000	0.000	295.1	0.014	BB	0.017	282.15	0.030
14	3.168		0.0000	0.000	1145.6	0.054	BB	0.041	465.84	0.050
15	3.316		0.0000	0.000	101.5	0.005	BB	0.006	295.36	0.032
16	3.343		0.0000	0.000	193.6	0.009	BB	0.028	116.29	0.012
17	3.366		0.0000	0.000	2243.4	0.107	BB	0.037	1015.75	0.109
18	3.433		0.0000	0.000	442.1	0.021	BB	0.013	552.30	0.059
19	3.514		0.0000	0.000	484.9	0.023	BB	0.028	290.09	0.031
20	3.570		0.0000	0.000	1215.2	0.058	BB	0.047	434.13	0.047
21	3.677		0.0000	0.000	529.1	0.025	BB	0.031	281.63	0.030
22	3.700		0.0000	0.000	505.3	0.024	BB	0.019	435.57	0.047
23	3.764		0.0000	0.000	654.4	0.031	BB	0.028	394.37	0.042
24	3.787		0.0000	0.000	256.2	0.012	BB	0.017	246.79	0.026
25	3.830		0.0000	0.000	131.7	0.006	BB	0.007	310.01	0.033
26	3.883		0.0000	0.000	428.9	0.020	BB	0.026	279.30	0.030
27	4.016		0.0000	0.000	87.1	0.004	BB	0.006	233.64	0.025
28	4.077		0.0000	0.000	238.3	0.011	BB	0.013	314.49	0.034
29	4.117		0.0000	0.000	823.9	0.039	BB	0.023	605.95	0.065
30	4.157		0.0000	0.000	612.1	0.029	BB	0.026	395.02	0.042
31	4.238		0.0000	0.000	527.4	0.025	BB	0.022	408.35	0.044
32	4.349		0.0000	0.000	11540.8	0.549	BB	0.062	3107.36	0.333
33	4.548		0.0000	0.000	5350.6	0.254	BB	0.046	1927.77	0.207
34	4.694		0.0000	0.000	3412.4	0.162	BB	0.032	1754.93	0.188
35	4.767		0.0000	0.000	532.4	0.025	BB	0.019	466.63	0.050
36	4.833		0.0000	0.000	300.1	0.014	BB	0.039	127.95	0.014
37	4.864		0.0000	0.000	1596.8	0.076	BB	0.019	1370.19	0.147
38	4.901		0.0000	0.000	19884.1	0.945	BB	0.023	14118.98	1.515
39	4.934		0.0000	0.000	2980.8	0.142	BB	0.015	3349.03	0.359
40	4.997		0.0000	0.000	4041.9	0.192	BB	0.022	3053.23	0.328
41	5.053		0.0000	0.000	39287.9	1.868	BB	0.027	24418.13	2.620
42	5.100		0.0000	0.000	30679.3	1.458	BB	0.035	14498.25	1.556
43	5.220		0.0000	0.000	1588.7	0.076	BB	0.022	1209.80	0.130
44	5.272		0.0000	0.000	25797.0	1.226	BB	0.035	12180.41	1.307
45	5.355		0.0000	0.000	31231.3	1.485	BB	0.025	20662.63	2.217
46	5.406		0.0000	0.000	6188.6	0.294	BB	0.024	4251.30	0.456
47	5.446		0.0000	0.000	137698.1	6.545	BB	0.047	48345.25	5.188
48	5.577		0.0000	0.000	124487.7	5.917	BB	0.038	54711.22	5.871
49	5.675		0.0000	0.000	127031.4	6.038	BB	0.041	51158.12	5.490
50	5.771		0.0000	0.000	174996.1	8.318	BB	0.039	74159.26	7.958
51	5.913		0.0000	0.000	117797.9	5.599	BB	0.035	56856.08	6.101
52	5.979		0.0000	0.000	69384.4	3.298	BB	0.028	41933.90	4.500
53	6.038		0.0000	0.000	15333.7	0.729	BB	0.022	11461.89	1.230
54	6.090		0.0000	0.000	286928.7	13.639	BB	0.048	98959.29	10.619
55	6.180		0.0000	0.000	18329.5	0.871	BB	0.023	13394.12	1.437
56	6.332		0.0000	0.000	15949.8	0.758	BB	0.041	6494.51	0.697
57	6.386		0.0000	0.000	27272.8	1.296	BB	0.024	18811.35	2.019
58	6.409		0.0000	0.000	9900.9	0.471	BB	0.017	9473.48	1.017
59	6.481		0.0000	0.000	26214.2	1.246	BB	0.026	17106.14	1.836
60	6.523		0.0000	0.000	5830.8	0.277	BB	0.019	5227.06	0.561
61	6.559		0.0000	0.000	4921.0	0.234	BB	0.018	4587.23	0.492
62	6.633		0.0000	0.000	288928.3	13.734	BB	0.043	110999.70	11.911

ASX05 0501

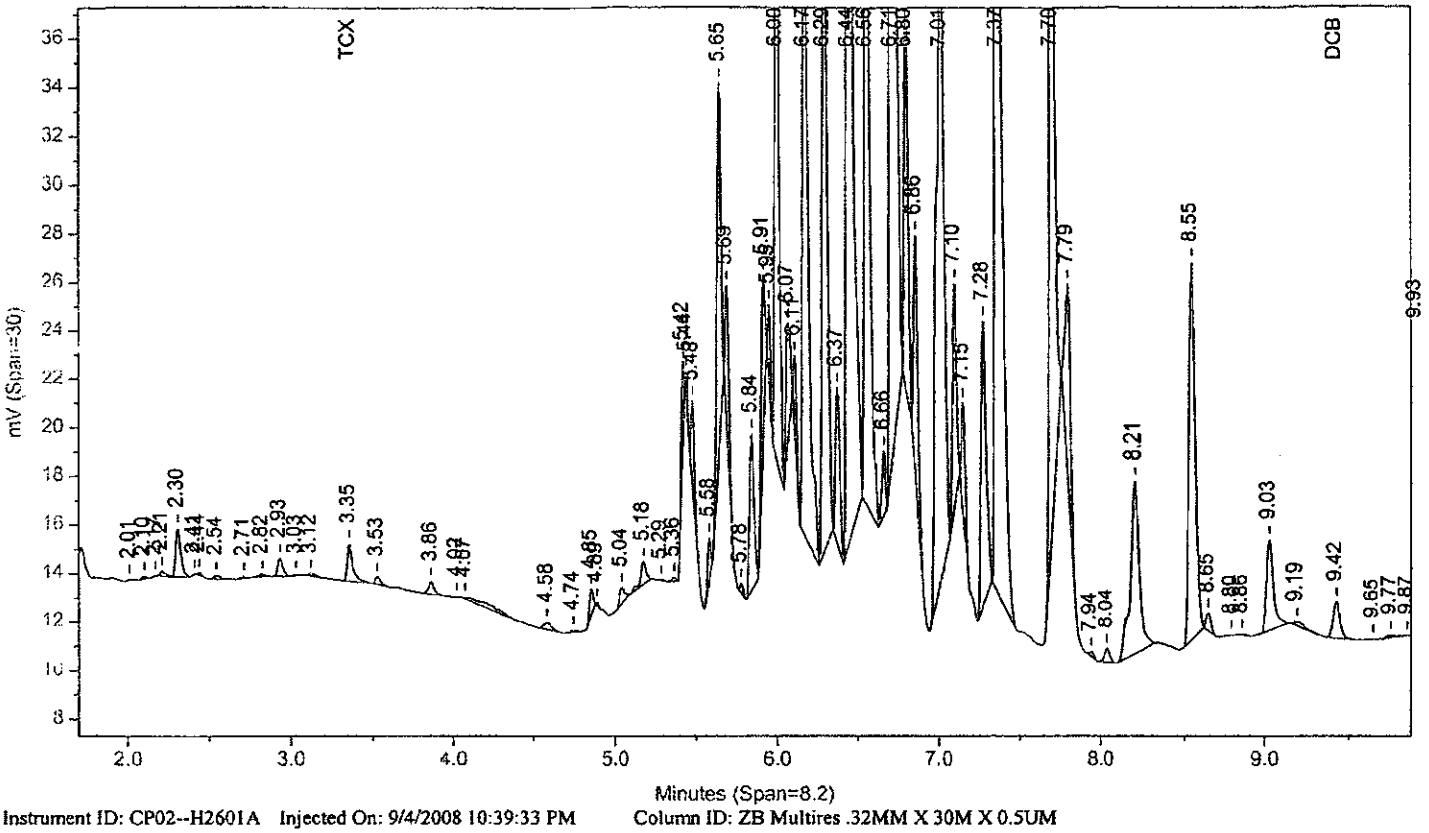
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.920		0.0000	0.000	31605.2	1.502	BB	0.027	19361.12	2.078
64	6.979		0.0000	0.000	190930.5	9.076	BB	0.039	82623.56	8.866
65	7.202		0.0000	0.000	1668.0	0.079	BB	0.027	1042.43	0.112
66	7.257		0.0000	0.000	6997.6	0.333	BB	0.041	2860.83	0.307
67	7.372		0.0000	0.000	30000.1	1.426	BB	0.038	13079.14	1.403
68	7.542		0.0000	0.000	86541.1	4.114	BB	0.044	33076.23	3.549
69	7.730		0.0000	0.000	552.2	0.026	BB	0.018	518.79	0.056
70	7.778		0.0000	0.000	537.0	0.026	BB	0.022	409.84	0.044
71	7.799		0.0000	0.000	271.6	0.013	BB	0.015	301.93	0.032
72	7.817		0.0000	0.000	551.1	0.026	BB	0.017	531.61	0.057
73	7.898		0.0000	0.000	21352.9	1.015	BB	0.043	8182.65	0.878
74	8.027		0.0000	0.000	291.7	0.014	BB	0.022	221.73	0.024
75	8.082		0.0000	0.000	383.1	0.018	BB	0.015	422.59	0.045
76	8.174		0.0000	0.000	101.0	0.005	BB	0.011	153.28	0.016
77	8.218	DCB	402.0541	57.273	9543.2	0.454	BB	0.043	3698.32	0.397
78	8.377		0.0000	0.000	515.0	0.024	BB	0.030	287.52	0.031
79	8.477		0.0000	0.000	544.3	0.026	BB	0.022	412.89	0.044
80	8.527		0.0000	0.000	600.5	0.029	BB	0.020	503.59	0.054
81	8.576		0.0000	0.000	1042.2	0.050	BB	0.032	541.37	0.058
82	8.677		0.0000	0.000	94.3	0.004	BB	0.008	199.24	0.021
83	8.727		0.0000	0.000	140.4	0.007	BB	0.013	181.92	0.020
84	8.827		0.0000	0.000	607.3	0.029	BB	0.034	297.91	0.032
85	8.879		0.0000	0.000	250.5	0.012	BB	0.013	312.35	0.034
86	8.927		0.0000	0.000	171.8	0.008	BB	0.020	145.46	0.016
87	8.967		0.0000	0.000	1503.8	0.071	BB	0.037	680.60	0.073
88	9.144		0.0000	0.000	336.4	0.016	BB	0.018	318.11	0.034
89	9.232		0.0000	0.000	656.6	0.031	BB	0.034	325.30	0.035
90	9.320		0.0000	0.000	341.1	0.016	BB	0.018	318.63	0.034
91	9.375		0.0000	0.000	819.6	0.039	BB	0.039	346.87	0.037
92	9.524		0.0000	0.000	776.4	0.037	BB	0.031	421.58	0.045
93	9.673		0.0000	0.000	245.6	0.012	BB	0.011	373.86	0.040
94	9.723		0.0000	0.000	1891.4	0.090	BB	0.069	459.34	0.049
95	9.809		0.0000	0.000	2135.7	0.102	BB	0.084	422.75	0.045
96	9.937		0.0000	0.000	37808.0	1.797	BB	0.065	9762.34	1.048

Total Area = 2103754.0, Total Amount = 701.995, Total Height = 931897.6, Sample Units = ug/l

ASX85 8592

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.52R

C:\CPWIN\DATA1\8P2235.52R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 10:39:33 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.52R

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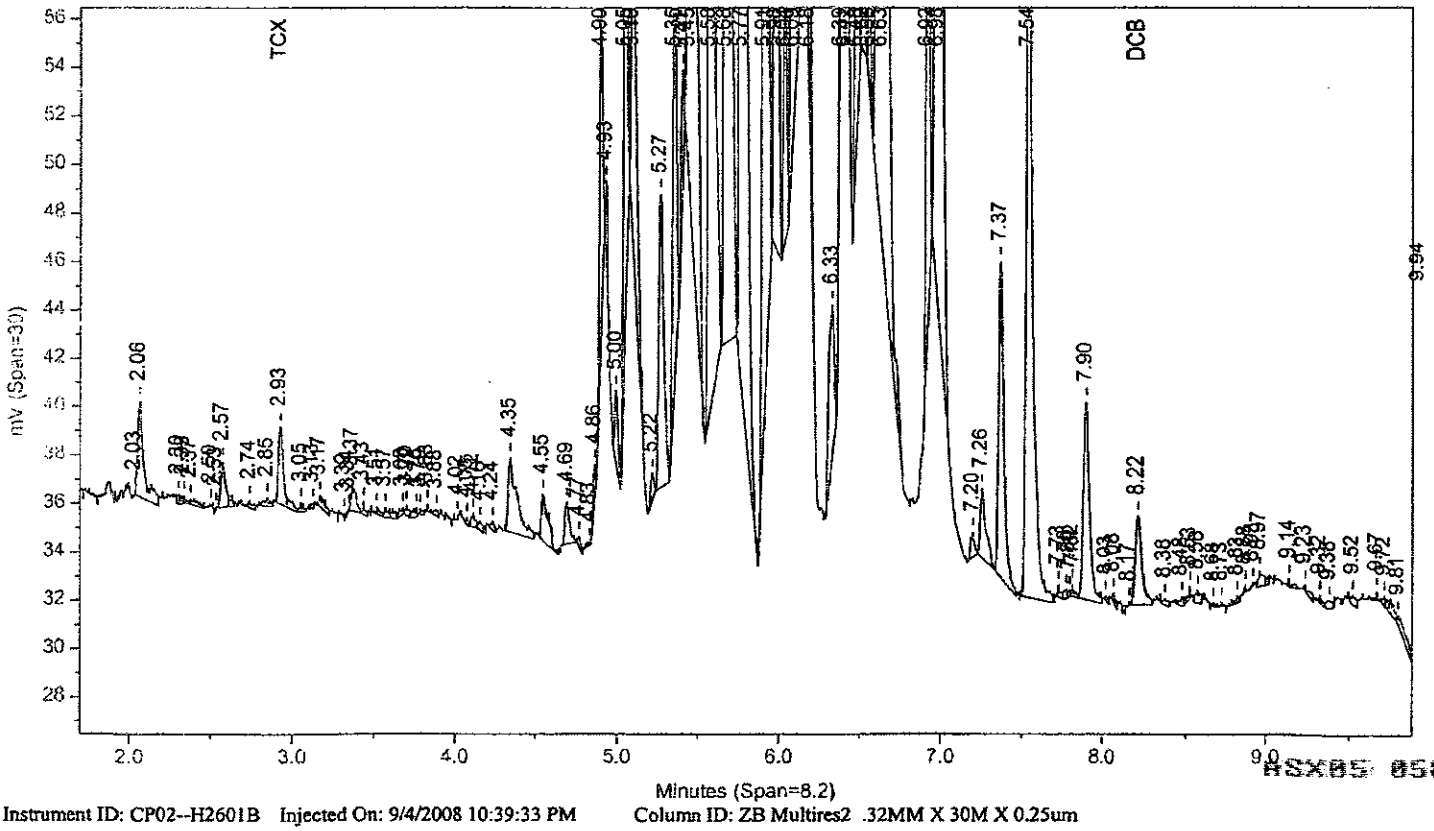

Instrument ID: CP02--H2601B Injected On: 9/4/2008 10:39:33 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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
3.355	1558	8.14133	TCX	2.926	3196	9.99804	TCX
9.425	1512	11.02386	DCB	8.218	3698	13.4018	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.52A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 10:49:38 PM
File Reported On: 9/4/2008 at 10:49:44 PM

10X REPLOTS

ASX05 0584

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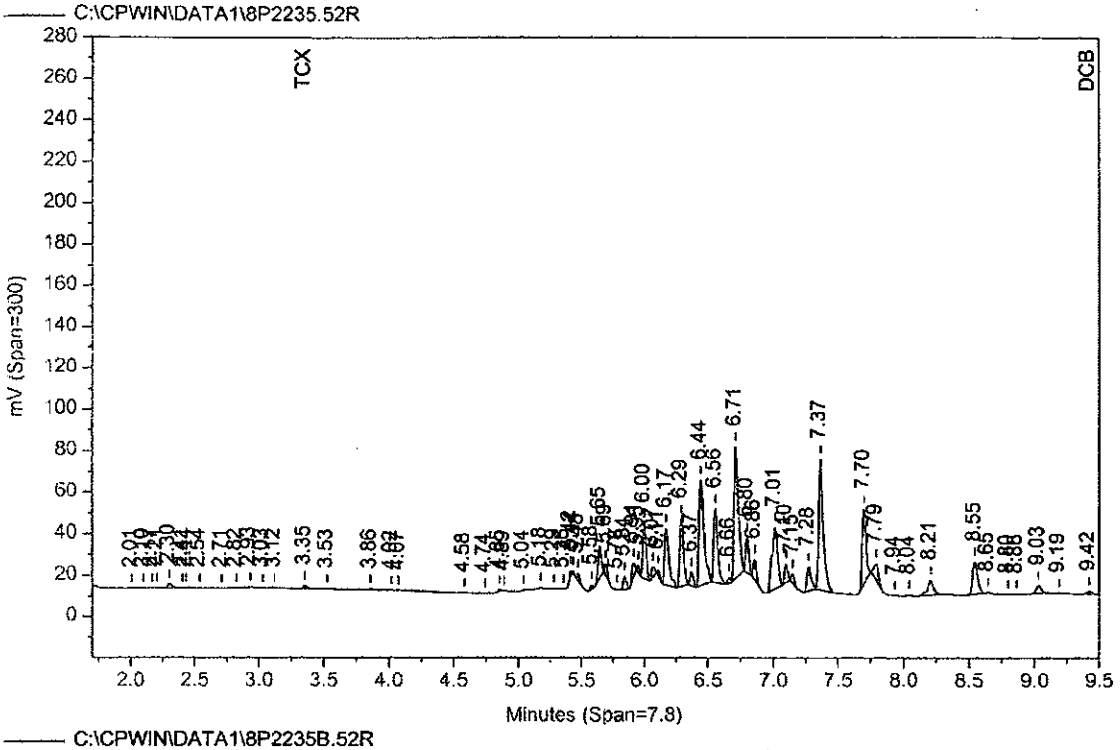

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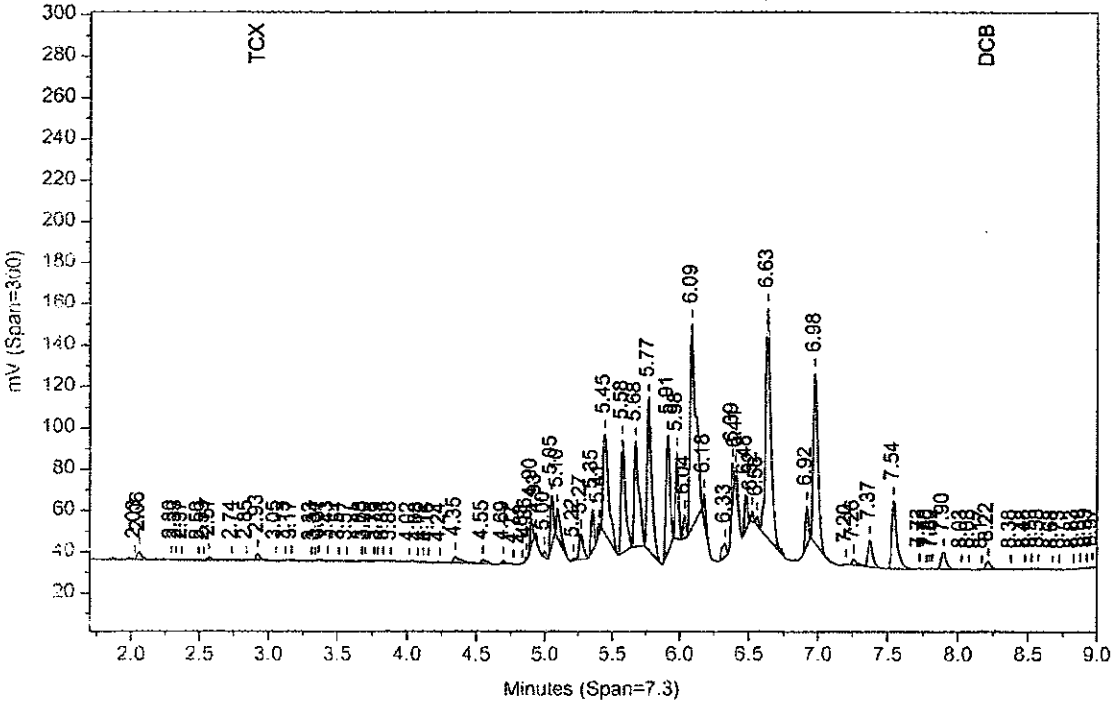

ASX05 0505

Multiple Component Data Summary

Sample Name: 5454440 ACF DF50 AMS31 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 22:53:58
Instrument H2601A
Result file 8P2235.53R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 82.4% Conc: 8.214495
%SSR(DCB) 108.6% Conc: 10.87685

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.53**	
6.03	6.06	6.09	12407.94531	2943.457589			1
6.14	6.17	6.20	31565.24609	3677.194801			2
6.41	6.44	6.47	48732.5	4854.650862			3
6.68	6.71	6.74	52573.80468	4828.134229			4
6.77	6.80	6.83	21182.4375	3511.353645			5
6.98	7.02	7.04	29801.51171	4532.678914			6

Height summation: **196263.445314**
Concentration CF: **4057.911673** L:

Analysis Report (B)

Injected on Sep 04, 2008 22:53:58
Instrument H2601B
Result file 8P2235B.53R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 102.2% Conc: 10.18955
%SSR(DCB) 138.6% Conc: 13.88200

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**25.61**	
5.43	5.45	5.49	36806.58984	6810.783286			1
5.54	5.57	5.60	55616.49609	3855.176			2
5.74	5.76	5.80	73672.98437	4380.68758			3
6.06	6.08	6.12	59156.95703	5234.977432			4
6.35	6.38	6.41	49314.73046	3858.380314			5
7.51	7.54	7.57	34844.62890	3778.443968			6

Height summation: **309412.386719**
Concentration CF: **4653.074763** 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	4653.074763	850	165		13.66	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James H Beinhart Date: 9-5-08
Verified By: [illegible] Date: 9.8.08

ASX05 0586

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454440** ACF DF50 AMS31 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:53:58
Instrument : CP02--H2601A
Result file : 8P2235.53R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 82.4% Conc.: 8.214495
%SSR(DCB) : 108.6% Conc.: 10.876856

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	192.80	
4.26	4.29	4.32	108.901024	21.805674			2
4.55	4.58	4.61	490.741089	44.041219			3
4.71	4.74	4.77	155.266251	33.887314			4
5.14	5.17	5.20	614.041199	170.30473			5
5.38	5.41	5.44	8325.751953	2148.439214			6
Height Summation:			**9694.701516**				
Amount Avg CF:			**483.69563**	Linear:			
Aroclor-1221					1		
3.65	3.66	3.71	86.466698	51.413187			2
Height Summation:			**86.466698**				
Amount Avg CF:			**51.413187**	Linear:			
Aroclor-1232					5	216.96	
4.26	4.29	4.32	108.901024	45.48915			2
4.55	4.58	4.61	490.741089	90.281121			3
4.70	4.74	4.76	155.266251	72.946324			4
5.13	5.17	5.19	614.041199	363.101649			5
E 5.38	5.41	5.44	8325.751953	23400.089806			6
Height Summation:			**9694.701516**				
Amount Avg CF:			**4794.38161**	Linear:			
Aroclor-1242					5	213.35	
4.26	4.29	4.32	108.901024	27.199417			2
4.55	4.58	4.61	490.741089	55.620661			3
4.71	4.74	4.77	155.266251	43.320848			4
5.14	5.17	5.20	614.041199	206.310251			5
E 5.38	5.41	5.44	8325.751953	8697.118931			6
Height Summation:			**9694.701516**				
Amount Avg CF:			**1805.914022**	Linear:			
Aroclor-1248					5	99.96	
4.55	4.58	4.61	490.741089	88.157631			1
5.01	5.04	5.07	354.781189	59.262828			2
5.62	5.64	5.68	13941.51953	2244.070205			4
5.96	5.99	6.02	12125.05664	3696.140741			5
6.26	6.29	6.32	12169.08789	5244.573115			6
Height Summation:			**39081.186341**				
Amount Avg CF:			**2266.440904**	Linear:			
Aroclor-1254					6	86.79	
4.82	4.85	4.88	746.03894	161.395191			1
5.61	5.64	5.67	13941.51953	1817.158932			2
5.96	5.99	6.02	12125.05664	1104.064856			3
6.26	6.29	6.32	12169.08789	1468.179486			4
6.52	6.56	6.58	20081.10351	3566.232819			5
6.68	6.71	6.74	52573.80468	5669.1978			6
Height Summation:			**111636.611207**				
Amount Avg CF:			**2297.704847**	Linear:			
Aroclor-1260					6	19.53	
6.03	6.06	6.09	12407.94531	2943.457589			1
6.14	6.17	6.20	31565.24609	3677.194801			2
6.41	6.44	6.47	48732.5	4854.650862			3
6.68	6.71	6.74	52573.80468	4828.134229			4
6.77	6.80	6.83	21182.4375	3511.353645			5
6.98	7.02	7.04	29801.51171	4532.678914			6
Height Summation:			**196263.445314**				
Amount Avg CF:			**4057.911673**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:53:58
Instrument : CP02--H2601B
Result file : 8P2235B.53R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 102.2% Conc.: 10.189557
%SSR(DCB) : 138.6% Conc.: 13.882008

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	100.69	
3.65	3.70	3.71	442.996552	39.246649			2
3.84	3.86	3.90	263.376038	30.926706			3
4.08	4.11	4.14	890.026794	46.661692			4
4.35	4.38	4.41	743.700745	146.160015			5
4.66	4.69	4.72	1863.703735	293.468182			6
Height Summation:			**4203.803864**				
Amount Avg CF:			**111.292649**	Linear:			
Aroclor-1221					1		
3.14	3.16	3.20	202.947662	48.327776			1
Height Summation:			**202.947662**				
Amount Avg CF:			**48.327776**	Linear:			
Aroclor-1232					5	100.08	
3.65	3.70	3.71	442.996552	73.939972			2
3.83	3.86	3.89	263.376038	63.050857			3
4.07	4.11	4.13	890.026794	90.07639			4
4.34	4.38	4.40	743.700745	312.295601			5
4.65	4.69	4.71	1863.703735	579.780288			6
Height Summation:			**4203.803864**				
Amount Avg CF:			**223.828622**	Linear:			
Aroclor-1242					5	106.28	
3.65	3.70	3.71	442.996552	49.562166			2
3.84	3.86	3.90	263.376038	38.15551			3
4.08	4.11	4.14	890.026794	59.099902			4
4.35	4.38	4.41	743.700745	176.015513			5
4.66	4.69	4.72	1863.703735	402.145636			6
Height Summation:			**4203.803864**				
Amount Avg CF:			**144.995745**	Linear:			
Aroclor-1248					5	119.58	
4.35	4.38	4.41	743.700745	131.243037			2
4.52	4.54	4.58	1904.465454	192.743118			3
4.66	4.69	4.72	1863.703735	264.987501			4
4.87	4.90	4.93	16353.19433	1986.814784			5
5.07	5.09	5.13	3288.791504	672.42414			6
Height Summation:			**24153.855774**				
Amount Avg CF:			**649.642516**	Linear:			
Aroclor-1254					6	67.10	
5.24	5.26	5.30	4677.616211	822.163014			1
5.32	5.35	5.38	10121.71386	991.112234			2
5.41	5.45	5.47	36806.58984	1981.104436			3
5.64	5.67	5.70	12284.86816	939.226476			4
5.94	5.97	6.00	12246.59765	1613.270067			5
6.05	6.08	6.11	59156.95703	3830.288824			6
Height Summation:			**135294.342773**				
Amount Avg CF:			**1696.194175**	Linear:			
Aroclor-1260					6	25.61	
5.43	5.45	5.49	36806.58984	6810.783286			1
5.54	5.57	5.60	55616.49609	3855.176			2
5.74	5.76	5.80	73672.98437	4380.68758			3
6.06	6.08	6.12	59156.95703	5234.977432			4
6.35	6.38	6.41	49314.73046	3858.380314			5
7.51	7.54	7.57	34844.62890	3778.443968			6
Height Summation:			**309412.386719**				
Amount Avg CF:			**4653.074763**	Linear:			

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:42:57

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454440** ACF DF50 AMS31 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 22:53:58
Instrument : CP02--H2601A
Result file : 8P2235.53R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	45.51	
6.03	6.06	6.09	12407.94531	2495.253068			1
6.13	6.17	6.19	31565.24609	4030.728314			2
6.40	6.44	6.46	48732.5	5664.196074			3
6.67	6.71	6.73	52573.80468	6771.306458			4
6.76	6.80	6.82	21182.4375	1999.849462			5
6.98	7.02	7.04	29801.51171	3392.940369			6
Height Summation:			**196263.445314**				
Amount Avg CF:			**4059.045624**	Linear:			
Aroclor-1268					5	76.20	
6.76	6.80	6.82	21182.4375	4475.860078			1
7.00	7.02	7.06	29801.51171	5191.611569			2
7.66	7.70	7.72	38704.47265	1725.502289			3
8.01	8.05	8.07	528.598572	28.564274			4
8.51	8.55	8.57	17248.44335	2331.523551			6
Height Summation:			**107465.463806**				
Amount Avg CF:			**2750.612352**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 22:53:58
Instrument : CP02--H2601B
Result file : 8P2235B.53R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	89.25	
6.05	6.08	6.11	59156.95703	9610.360391			1
6.14	6.18	6.20	15364.28515	3035.546522			2
6.44	6.48	6.50	21127.10546	2864.424802			3
6.88	6.92	6.94	20807.39843	1525.894384			4
7.34	7.37	7.40	13873.67382	2407.372546			5
7.86	7.90	7.92	8698.408203	1330.895648			6
Height Summation:			**139027.828125**				
Amount Avg CF:			**3462.415716**	Linear:			
Aroclor-1268					6	154.89	
6.10	6.12	6.16	20273.30859	2489.258594			1
6.35	6.38	6.41	49314.73046	4759.173822			2
E 6.60	6.63	6.66	119434.8281	26460.913988			3
6.94	6.97	7.00	86133.39062	2542.083974			4
7.16	7.19	7.22	1103.086426	32.062704			5
7.51	7.54	7.57	34844.62890	2200.040516			6
Height Summation:			**311103.973145**				
Amount Avg CF:			**6413.922266**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 125.18	4	15	
Aroclor-1221			850	260		6.19	3	5	
Aroclor-1232			850	165	E	** 182.16	4	10	
Aroclor-1242			850	165	E	** 170.27	4	30	
Aroclor-1248			850	165		** 110.89	4	30	
Aroclor-1254			850	165		30.12	4	40	
Aroclor-1260			850	165		13.66	4	40	
Aroclor-1262			0	0		15.86	4	40	
Aroclor-1268			0	0		** 79.95	4	40	

Units: _____

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:42:57

Sample Name: **5454440ACF DF50 ACAMS31 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 11:03:58pm 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\8P2235.53R**
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	2.006		0.0000	0.000	33.0	0.003	BB	0.020	26.99	0.006
2	2.096		0.0000	0.000	211.4	0.018	BB	0.034	102.86	0.021
3	2.206		0.0000	0.000	761.8	0.065	BB	0.061	207.41	0.043
4	2.301		0.0000	0.000	4263.3	0.364	BB	0.037	1895.74	0.392
5	2.404		0.0000	0.000	84.3	0.007	BB	0.024	58.95	0.012
6	2.435		0.0000	0.000	203.0	0.017	BB	0.024	140.10	0.029
7	2.539		0.0000	0.000	385.1	0.033	BB	0.040	160.67	0.033
8	2.703		0.0000	0.000	180.8	0.015	BB	0.048	62.78	0.013
9	2.816		0.0000	0.000	359.8	0.031	BB	0.058	102.64	0.021
10	2.930		0.0000	0.000	2757.3	0.235	BB	0.035	1295.67	0.268
11	3.024		0.0000	0.000	196.6	0.017	BB	0.045	73.49	0.015
12	3.119		0.0000	0.000	271.8	0.023	BB	0.051	88.42	0.018
13	3.209		0.0000	0.000	100.5	0.009	BB	0.050	33.60	0.007
14	3.352	TCX	246.4348	43.027	3810.7	0.325	BB	0.040	1571.62	0.325
15	3.526		0.0000	0.000	393.6	0.034	BB	0.051	129.37	0.027
16	3.659		0.0000	0.000	197.5	0.017	BB	0.038	86.47	0.018
17	3.857		0.0000	0.000	1203.1	0.103	BB	0.042	475.96	0.098
18	4.290		0.0000	0.000	207.0	0.018	BB	0.032	108.90	0.023
19	4.580		0.0000	0.000	1303.7	0.111	BB	0.044	490.74	0.102
20	4.736		0.0000	0.000	327.9	0.028	BB	0.035	155.27	0.032
21	4.848		0.0000	0.000	1145.8	0.098	BB	0.026	746.04	0.154
22	4.887		0.0000	0.000	124.9	0.011	BB	0.018	116.15	0.024
23	4.916		0.0000	0.000	132.8	0.011	BB	0.025	89.84	0.019
24	5.040		0.0000	0.000	641.9	0.055	BB	0.030	354.78	0.073
25	5.072		0.0000	0.000	25.3	0.002	BB	0.015	28.85	0.006
26	5.174		0.0000	0.000	1466.8	0.125	BB	0.040	614.04	0.127
27	5.237		0.0000	0.000	99.3	0.008	BB	0.038	43.50	0.009
28	5.359		0.0000	0.000	137.1	0.012	BB	0.024	94.95	0.020
29	5.414		0.0000	0.000	32650.3	2.785	BB	0.065	8325.75	1.723
30	5.581		0.0000	0.000	2123.5	0.181	BB	0.025	1433.03	0.296
31	5.642		0.0000	0.000	40395.7	3.446	BB	0.048	13941.52	2.884
32	5.775		0.0000	0.000	200.0	0.017	BB	0.020	165.65	0.034
33	5.838		0.0000	0.000	4658.7	0.397	BB	0.032	2460.42	0.509
34	5.925		0.0000	0.000	19030.2	1.623	BB	0.049	6444.32	1.333
35	5.994		0.0000	0.000	21279.7	1.815	BB	0.029	12125.06	2.509
36	6.065		0.0000	0.000	38397.1	3.275	BB	0.052	12407.95	2.567
37	6.167		0.0000	0.000	74971.7	6.395	BB	0.040	31565.25	6.531
38	6.288		0.0000	0.000	25595.3	2.183	BB	0.035	12169.09	2.518
39	6.370		0.0000	0.000	13013.0	1.110	BB	0.031	7096.35	1.468
40	6.442		0.0000	0.000	137752.4	11.750	BB	0.047	48732.50	10.082
41	6.557		0.0000	0.000	43847.8	3.740	BB	0.036	20081.10	4.155
42	6.661		0.0000	0.000	3438.8	0.293	BB	0.023	2459.52	0.509
43	6.709		0.0000	0.000	119184.3	10.167	BB	0.038	52573.80	10.877
44	6.798		0.0000	0.000	36259.5	3.093	BB	0.029	21182.44	4.382
45	6.854		0.0000	0.000	17160.7	1.464	BB	0.028	10058.39	2.081
46	7.016		0.0000	0.000	81542.4	6.956	BB	0.046	29801.51	6.166
47	7.097		0.0000	0.000	18472.8	1.576	BB	0.028	11001.72	2.276
48	7.149		0.0000	0.000	6484.4	0.553	BB	0.024	4438.11	0.918
49	7.277		0.0000	0.000	18737.2	1.598	BB	0.036	8770.83	1.815
50	7.364		0.0000	0.000	172452.4	14.710	BB	0.042	68267.14	14.124
51	7.528		0.0000	0.000	422.4	0.036	BB	0.039	181.08	0.037
52	7.699		0.0000	0.000	82987.4	7.079	BB	0.036	38704.47	8.008
53	7.796		0.0000	0.000	18874.5	1.610	BB	0.038	8322.88	1.722
54	7.936		0.0000	0.000	201.6	0.017	BB	0.026	127.32	0.026
55	8.045		0.0000	0.000	1225.1	0.105	BB	0.039	528.60	0.109
56	8.209		0.0000	0.000	23087.0	1.969	BB	0.052	7457.03	1.543
57	8.343		0.0000	0.000	214.7	0.018	BB	0.043	83.17	0.017
58	8.434		0.0000	0.000	71.0	0.006	BB	0.027	44.38	0.009
59	8.551		0.0000	0.000	44299.5	3.779	BB	0.043	17248.44	3.569
60	8.654		0.0000	0.000	1580.4	0.135	BB	0.035	748.85	0.155
61	8.766		0.0000	0.000	384.7	0.033	BB	0.068	94.09	0.019
62	8.928		0.0000	0.000	94.7	0.008	BB	0.062	25.56	0.005

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.035		0.0000	0.000	10986.7	0.937	BB	0.052	3532.55	0.731
64	9.182		0.0000	0.000	1047.1	0.089	BB	0.126	138.57	0.029
65	9.429	DCB	326.3057	56.973	5034.5	0.429	BB	0.056	1492.06	0.309
66	9.678		0.0000	0.000	149.3	0.013	BB	0.052	48.01	0.010
67	9.921		0.0000	0.000	32984.1	2.814	BB	0.057	9715.66	2.010

Total Area = 1172319.0, Total Amount = 572.74, Total Height = 483349.9, Sample Units = ug/l

ASX05 8598

Sample Name: **5454440ACF DF50 ACAMS31 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 11:03:58pm 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\8P2235B.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	2.058		0.0000	0.000	10288.2	0.549	BB	0.046	3748.30	0.446
2	2.262		0.0000	0.000	4002.9	0.213	BB	0.107	625.50	0.074
3	2.413		0.0000	0.000	256.7	0.014	BB	0.016	274.10	0.033
4	2.499		0.0000	0.000	628.9	0.034	BB	0.027	394.88	0.047
5	2.542		0.0000	0.000	38.0	0.002	BB	0.007	92.30	0.011
6	2.572		0.0000	0.000	8016.6	0.428	BB	0.050	2673.29	0.318
7	2.746		0.0000	0.000	720.9	0.038	BB	0.025	485.78	0.058
8	2.817		0.0000	0.000	1561.6	0.083	BB	0.040	657.70	0.078
9	2.922	TCX	305.6867	42.330	7628.2	0.407	BB	0.039	3256.99	0.387
10	3.124		0.0000	0.000	1648.8	0.088	BB	0.042	654.23	0.078
11	3.157		0.0000	0.000	146.7	0.008	BB	0.012	202.95	0.024
12	3.224		0.0000	0.000	767.1	0.041	BB	0.030	426.48	0.051
13	3.383		0.0000	0.000	2926.3	0.156	BB	0.045	1089.19	0.130
14	3.448		0.0000	0.000	477.9	0.025	BB	0.021	376.26	0.045
15	3.480		0.0000	0.000	579.7	0.031	BB	0.024	394.44	0.047
16	3.510		0.0000	0.000	189.0	0.010	BB	0.014	220.64	0.026
17	3.573		0.0000	0.000	542.7	0.029	BB	0.028	321.00	0.038
18	3.697		0.0000	0.000	995.1	0.053	BB	0.037	443.00	0.053
19	3.859		0.0000	0.000	478.9	0.026	BB	0.030	263.38	0.031
20	3.992		0.0000	0.000	72.2	0.004	BB	0.008	147.69	0.018
21	4.026		0.0000	0.000	878.7	0.047	BB	0.026	562.25	0.067
22	4.109		0.0000	0.000	1867.7	0.100	BB	0.035	890.03	0.106
23	4.285		0.0000	0.000	447.9	0.024	BB	0.025	302.25	0.036
24	4.343		0.0000	0.000	2167.0	0.116	BB	0.023	1574.02	0.187
25	4.379		0.0000	0.000	1446.1	0.077	BB	0.032	743.70	0.088
26	4.545		0.0000	0.000	8297.7	0.442	BB	0.073	1904.47	0.227
27	4.692		0.0000	0.000	6448.0	0.344	BB	0.058	1863.70	0.222
28	4.755		0.0000	0.000	249.2	0.013	BB	0.017	250.84	0.030
29	4.823		0.0000	0.000	309.2	0.016	BB	0.020	262.54	0.031
30	4.843		0.0000	0.000	71.8	0.004	BB	0.011	109.29	0.013
31	4.867		0.0000	0.000	654.2	0.035	BB	0.037	291.84	0.035
32	4.897		0.0000	0.000	38995.3	2.080	BB	0.040	16353.19	1.945
33	4.992		0.0000	0.000	3517.1	0.188	BB	0.023	2544.87	0.303
34	5.049		0.0000	0.000	31651.4	1.688	BB	0.028	18841.99	2.241
35	5.093		0.0000	0.000	4855.2	0.259	BB	0.025	3288.79	0.391
36	5.216		0.0000	0.000	1099.3	0.059	BB	0.025	734.07	0.087
37	5.265		0.0000	0.000	9949.2	0.531	BB	0.035	4677.62	0.556
38	5.347		0.0000	0.000	15430.8	0.823	BB	0.025	10121.71	1.204
39	5.451		0.0000	0.000	150666.0	8.035	BB	0.068	36806.59	4.378
40	5.571		0.0000	0.000	125318.8	6.683	BB	0.038	55616.50	6.615
41	5.666		0.0000	0.000	16921.7	0.902	BB	0.023	12284.87	1.461
42	5.701		0.0000	0.000	10751.6	0.573	BB	0.023	7736.65	0.920
43	5.764		0.0000	0.000	173458.7	9.250	BB	0.039	73672.98	8.763
44	5.907		0.0000	0.000	122773.5	6.547	BB	0.034	59781.51	7.110
45	5.973		0.0000	0.000	18380.0	0.980	BB	0.025	12246.60	1.457
46	6.032		0.0000	0.000	16033.9	0.855	BB	0.023	11467.56	1.364
47	6.082		0.0000	0.000	93821.1	5.003	BB	0.026	59156.96	7.036
48	6.123		0.0000	0.000	26547.4	1.416	BB	0.022	20273.31	2.411
49	6.175		0.0000	0.000	22312.1	1.190	BB	0.024	15364.29	1.827
50	6.311		0.0000	0.000	15969.1	0.852	BB	0.036	7441.32	0.885
51	6.380		0.0000	0.000	125114.4	6.672	BB	0.042	49314.73	5.866
52	6.476		0.0000	0.000	33971.6	1.812	BB	0.027	21127.11	2.513
53	6.519		0.0000	0.000	5571.7	0.297	BB	0.018	5154.12	0.613
54	6.557		0.0000	0.000	6383.1	0.340	BB	0.020	5426.68	0.645
55	6.631		0.0000	0.000	291118.7	15.525	BB	0.041	119434.80	14.206
56	6.916		0.0000	0.000	34696.5	1.850	BB	0.028	20807.40	2.475
57	6.975		0.0000	0.000	196515.6	10.480	BB	0.038	86133.39	10.245
58	7.192		0.0000	0.000	1730.1	0.092	BB	0.026	1103.09	0.131
59	7.257		0.0000	0.000	6465.8	0.345	BB	0.043	2485.41	0.296
60	7.373		0.0000	0.000	32086.1	1.711	BB	0.039	13873.67	1.650
61	7.542		0.0000	0.000	91480.1	4.878	BB	0.044	34844.63	4.144
62	7.750		0.0000	0.000	1469.3	0.078	BB	0.057	429.56	0.051

ASX05 0531

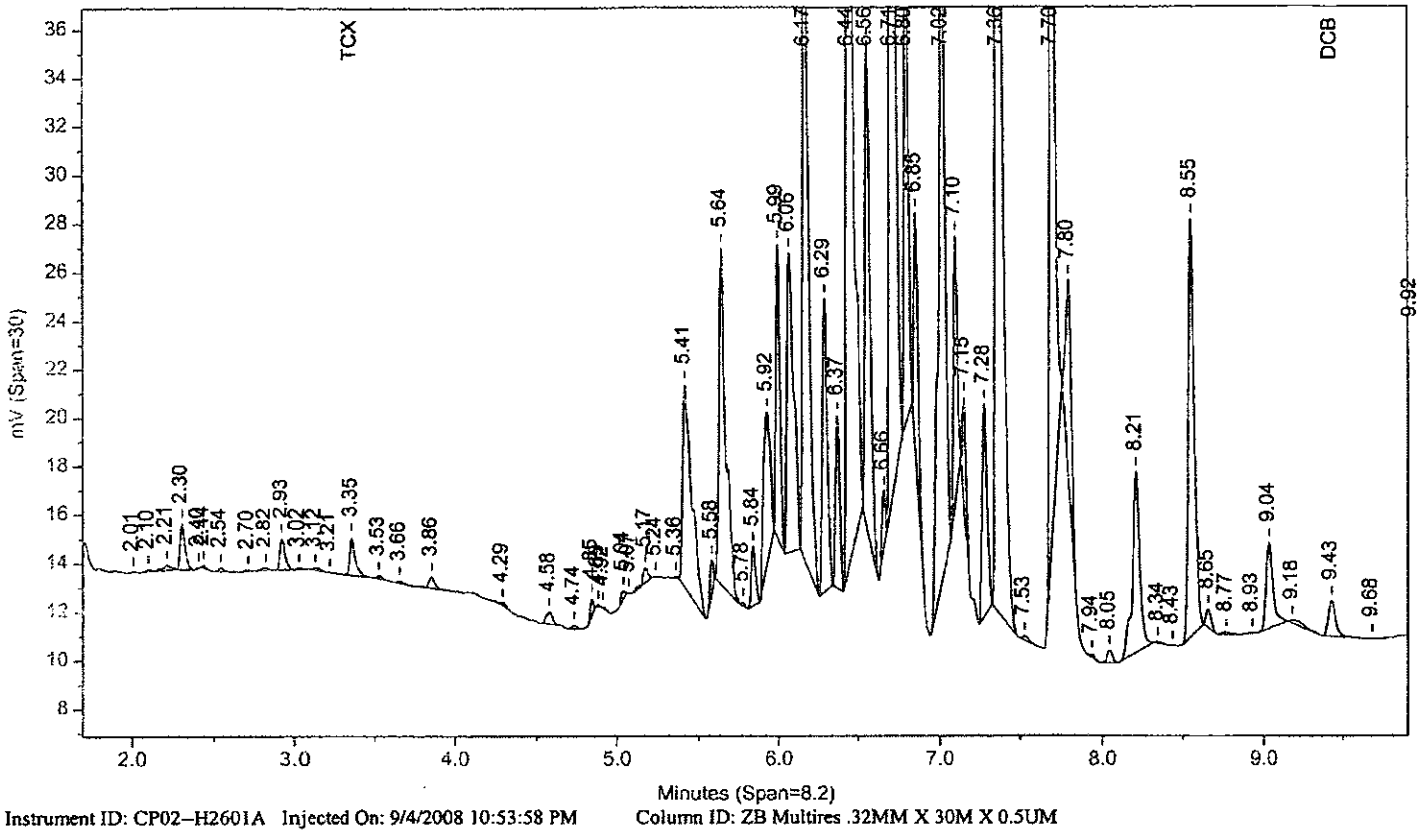
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.826		0.0000	0.000	41.7	0.002	BB	0.006	122.02	0.015
64	7.840		0.0000	0.000	111.4	0.006	BB	0.006	335.28	0.040
65	7.899		0.0000	0.000	22206.0	1.184	BB	0.043	8698.41	1.035
66	8.127		0.0000	0.000	258.9	0.014	BB	0.016	276.99	0.033
67	8.220	DCB	416.4602	57.670	10068.3	0.537	BB	0.044	3830.84	0.456
68	8.324		0.0000	0.000	283.5	0.015	BB	0.020	232.15	0.028
69	8.474		0.0000	0.000	402.1	0.021	BB	0.028	238.85	0.028
70	8.525		0.0000	0.000	261.5	0.014	BB	0.016	279.65	0.033
71	8.546		0.0000	0.000	99.0	0.005	BB	0.007	225.36	0.027
72	8.574		0.0000	0.000	1104.7	0.059	BB	0.078	235.71	0.028
73	8.723		0.0000	0.000	391.7	0.021	BB	0.014	481.59	0.057
74	8.773		0.0000	0.000	236.2	0.013	BB	0.016	252.25	0.030
75	8.810		0.0000	0.000	450.9	0.024	BB	0.020	385.28	0.046
76	8.874		0.0000	0.000	190.0	0.010	BB	0.012	267.91	0.032
77	8.900		0.0000	0.000	88.7	0.005	BB	0.011	134.04	0.016
78	8.924		0.0000	0.000	72.2	0.004	BB	0.006	198.32	0.024
79	8.974		0.0000	0.000	187.5	0.010	BB	0.016	200.43	0.024
80	8.990		0.0000	0.000	529.4	0.028	BB	0.024	362.82	0.043
81	9.373		0.0000	0.000	963.5	0.051	BB	0.031	512.33	0.061
82	9.427		0.0000	0.000	321.7	0.017	BB	0.018	299.05	0.036
83	9.473		0.0000	0.000	99.8	0.005	BB	0.008	200.11	0.024
84	9.514		0.0000	0.000	1302.1	0.069	BB	0.057	378.18	0.045
85	9.622		0.0000	0.000	389.9	0.021	BB	0.023	280.63	0.033
86	9.690		0.0000	0.000	204.3	0.011	BB	0.006	561.83	0.067
87	9.721		0.0000	0.000	6937.7	0.370	BB	0.155	745.01	0.089
88	9.955		0.0000	0.000	38133.3	2.034	BB	0.091	6970.09	0.829

Total Area = 1875195.0, Total Amount = 722.147, Total Height = 840753.9, Sample Units = ug/l

ASX05 0592

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.53R

C:\CPWIN\DATA1\8P2235.53R



Instrument ID: CP02–H2601A Injected On: 9/4/2008 10:53:58 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.53R

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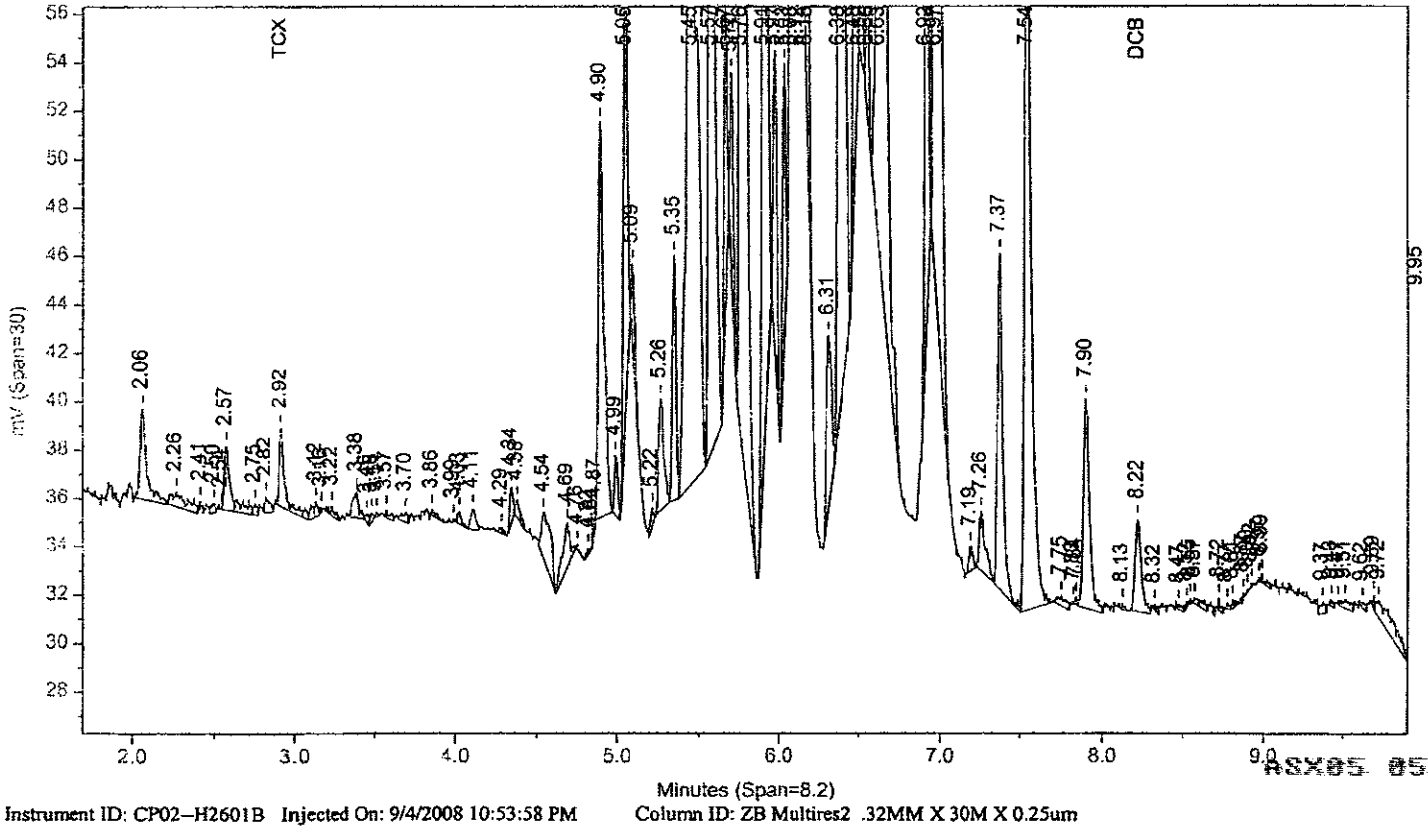

Instrument ID: CP02–H2601B Injected On: 9/4/2008 10:53:58 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 30
Analyst: 2280

Dilution Factor: 500

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	1572	8.21449	TCX	2.922	3257	10.18956	TCX
9.429	1492	10.87686	DCB	8.22	3831	13.88201	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.53A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 11:04:02 PM
File Reported On: 9/4/2008 at 11:04:08 PM

10X REPLOTS

ASX05 0594

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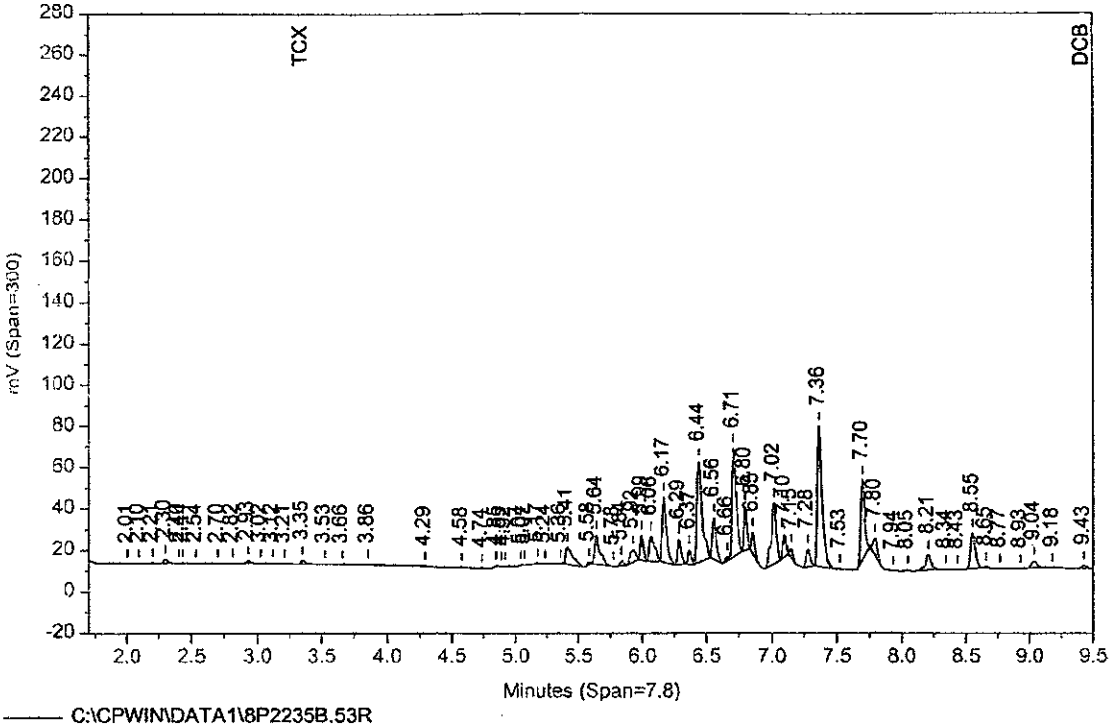

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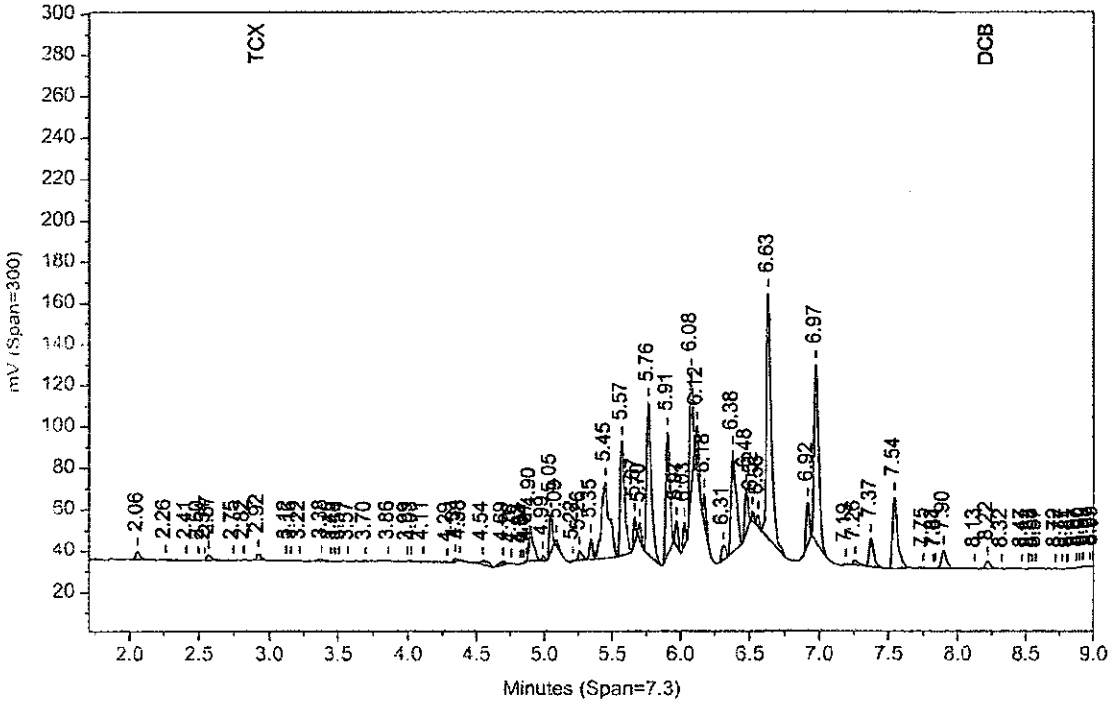

ASX85 8595

Multiple Component Data Summary

Sample Name: 5454441 ACF DF250 AMS30 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 17:27:41
Instrument H2601A
Result file 9P2235.15R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) * 267.5% Conc: 26.68257
%SSR(DCB) 80.4% Conc: 8.049827

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**23.75**	
5.61	5.64	5.67	19012.84570:	12390.81662			2
5.96	6.00	6.02	26470.56835!	12051.582561			3
6.26	6.29	6.32	29905.36132!	18040.151582			4
Height summation:			**75388.77539**				
Concentration		CF:	**14160.850254**	L:			
Aroclor-1260						**28.04**	
6.68	6.71	6.74	77068.14062!	35387.901823			4
6.77	6.80	6.83	23812.25781:	19736.458156			5
6.98	7.02	7.04	38407.59375	29208.13078			6
Height summation:			**139287.992188**				
Concentration		CF:	**28110.830253**	L:			

Analysis Report (B)

Injected on Sep 05, 2008 17:27:41
Instrument H2601B
Result file 9P2235B.15R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) * 516.2% Conc: 51.49151
%SSR(DCB) * 177.7% Conc: 17.79682

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**25.69**	
5.24	5.27	5.30	11592.40234	10187.715308			1
5.41	5.44	5.47	46858.26562!	12610.66541			3
5.64	5.67	5.70	44208.70703	16899.647422			4
Height summation:			**102659.375**				
Concentration		CF:	**13232.676047**	L:			
Aroclor-1260						**26.89**	
6.06	6.09	6.12	75951.875	33606.051724			4
6.35	6.38	6.41	53387.37890!	20885.119905			5
7.51	7.55	7.57	41636.95703	22574.915284			6
Height summation:			**170976.210937**				
Concentration		CF:	**25688.695638**	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	A	14160.850254	4250	825		6.78	4	40	
Aroclor-1260	A	28110.830253	4250	825		9.00	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

ASX85 8596

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454441** ACF DF250 AMS30 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:27:41
Instrument : CP02--H2601A
Result file : 9P2235.15R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : *267.5% Conc.: 26.68257
%SSR(DCB) : 80.4% Conc.: 8.049827

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	133.88	
4.55	4.58	4.61	465.82843	209.02725			3
4.71	4.74	4.77	268.138855	292.610452			4
5.14	5.17	5.20	1127.746582	1563.906282			5
5.38	5.42	5.44	4509.325195	5818.099753			6
+ 5.38	5.44	5.44	2253.18042	2907.137516			6
Height Summation:			6371.039062				
Amount Avg CF:			1970.910934	Linear:			
Aroclor-1232					4	182.88	
4.55	4.58	4.61	465.82843	428.489827			3
4.70	4.74	4.76	268.138855	629.877508			4
5.13	5.17	5.19	1127.746582	3334.358057			5
E 5.38	5.42	5.44	4509.325195	63368.819491			6
Height Summation:			6371.039062				
Amount Avg CF:			16940.386221	Linear:			
Aroclor-1242					4	174.48	
4.55	4.58	4.61	465.82843	263.985283			3
4.71	4.74	4.77	268.138855	374.067207			4
5.14	5.17	5.20	1127.746582	1894.544539			5
E 5.38	5.42	5.44	4509.325195	23552.309595			6
+ 5.38	5.44	5.44	2253.18042	11768.41335			6
Height Summation:			6371.039062				
Amount Avg CF:			6521.226656	Linear:			
Aroclor-1248					6	126.50	
4.55	4.58	4.61	465.82843	418.411375			1
5.01	5.04	5.07	1550.917236	1295.329978			2
5.44	5.47	5.50	1913.304565	2647.975963			3
5.62	5.64	5.68	19012.84570	15301.832938			4
5.96	6.00	6.02	26470.56835	40345.768707			5
6.26	6.29	6.32	29905.36132	64442.321163			6
Height Summation:			79318.825621				
Amount Avg CF:			20741.940021	Linear:			
Aroclor-1254					6	71.35	
4.82	4.85	4.88	3041.592773	3290.032326			1
5.61	5.64	5.67	19012.84570	12390.81662			2
5.96	6.00	6.02	26470.56835	12051.582561			3
6.26	6.29	6.32	29905.36132	18040.161582			4
6.52	6.56	6.58	35035.78906	31110.28751			5
6.68	6.71	6.74	77068.14062	41552.493288			6
Height Summation:			190534.297851				
Amount Avg CF:			19739.227315	Linear:			
Aroclor-1260					6	36.52	
6.03	6.07	6.09	8825.224609	10467.758238			1
6.14	6.17	6.20	38575.40234	22469.216384			2
6.41	6.44	6.47	62439.63281	31100.663544			3
6.68	6.71	6.74	77068.14062	35387.901828			4
6.77	6.80	6.83	23812.25781	19736.458156			5
6.98	7.02	7.04	38407.59375	29208.13078			6
Height Summation:			249128.251954				
Amount Avg CF:			24728.354821	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:27:41
Instrument : CP02--H2601B
Result file : 9P2235B.15R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : *516.2% Conc.: 51.491512
%SSR(DCB) : *177.7% Conc.: 17.796824

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	114.06	
4.08	4.11	4.14	732.983948	192.141807			4
4.66	4.69	4.72	2278.422607	1793.85953			6
Height Summation:			3011.406555				
Amount Avg CF:			993.000669	Linear:			
Aroclor-1221					2	136.03	
3.14	3.17	3.20	680.054565	809.70444			1
3.32	3.32	3.38	32.922386	15.742094			3
Height Summation:			712.976951				
Amount Avg CF:			412.723267	Linear:			
Aroclor-1232					4	139.73	
3.32	3.32	3.38	32.922386	18.995584			1
4.07	4.11	4.13	732.983948	370.91326			4
E 4.34	4.35	4.40	5685.150391	11936.571746			5
4.65	4.69	4.71	2278.422607	3543.976679			6
Height Summation:			8729.479332				
Amount Avg CF:			3967.614317	Linear:			
Aroclor-1242					3	148.02	
3.32	3.32	3.38	32.922386	26.168754			1
4.08	4.11	4.14	732.983948	243.359412			4
4.66	4.69	4.72	2278.422607	2458.163524			6
Height Summation:			3044.328941				
Amount Avg CF:			909.230563	Linear:			
Aroclor-1248					4	97.66	
4.52	4.55	4.58	3322.053955	1681.057109			3
4.66	4.69	4.72	2278.422607	1619.767945			4
4.87	4.90	4.93	29429.67578	17877.643272			5
5.07	5.10	5.13	11128.64746	11376.779574			6
Height Summation:			46158.799804				
Amount Avg CF:			8138.811975	Linear:			
Aroclor-1254					6	37.58	
5.24	5.27	5.30	11592.40234	10187.715308			1
5.32	5.35	5.38	20231.37890	9905.223269			2
+ 5.41	5.41	5.47	1022.861145	275.27608			3
5.41	5.44	5.47	46858.26562	12610.66541			3
5.64	5.67	5.70	44208.70703	16899.647422			4
5.94	5.98	6.00	30821.46484	20300.881949			5
6.05	6.09	6.11	75951.875	24588.622589			6
Height Summation:			229664.093750				
Amount Avg CF:			15748.792658	Linear:			
Aroclor-1260					6	30.30	
5.43	5.44	5.49	46858.26562	43353.852349			1
5.54	5.57	5.60	67436.23437	23372.431792			2
5.74	5.77	5.80	89261.9375	26538.130922			3
6.06	6.09	6.12	75951.875	33606.051724			4
6.35	6.38	6.41	53387.37890	20885.119905			5
7.51	7.55	7.57	41636.95703	22574.915284			6
Height Summation:			374532.648437				
Amount Avg CF:			28388.416996	Linear:			

ASX05 8597

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 07:49:20

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454441** ACF DF250 AMS30 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 2500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:27:41
Instrument : CP02--H2601A
Result file : 9P2235.15R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**60.75**	
6.03	6.07	6.09	8825.224609	8873.817634			1
6.13	6.17	6.19	38575.40234	24629.455758			2
6.40	6.44	6.46	62439.63281	36286.905356			3
6.67	6.71	6.73	77068.14062	49630.419696			4
6.76	6.80	6.82	23812.25781	11240.663634			5
6.98	7.02	7.04	38407.59375	21863.769282			6
Height Summation:			**249128.251954**				
Amount Avg CF:			**25420.83856**	Linear:			
Aroclor-1268					**5**	**76.38**	
6.76	6.80	6.82	23812.25781	25157.712398			1
7.00	7.02	7.06	38407.59375	33454.227073			2
7.66	7.70	7.72	50283.70703	11208.607895			3
8.01	8.05	8.07	686.307983	185.432673			4
8.51	8.55	8.57	20967.46679	14171.175224			6
Height Summation:			**134157.333374**				
Amount Avg CF:			**16835.431053**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:27:41
Instrument : CP02--H2601B
Result file : 9P2235B.15R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**99.47**	
E 6.05	6.09	6.11	75951.875	61693.917989			1
6.14	6.18	6.20	15771.35839	15579.863184			2
6.44	6.48	6.50	22580.15429	15307.149881			3
6.88	6.92	6.94	24024.50781	8809.092992			4
7.34	7.37	7.40	16173.43164	14032.143105			5
7.86	7.90	7.92	10227.62011	7824.359803			6
Height Summation:			**164728.947266**				
Amount Avg CF:			**20541.087826**	Linear:			
Aroclor-1268					**6**	**159.99**	
6.10	6.12	6.16	14612.87011	8971.207721			1
6.35	6.38	6.41	53387.37890	25761.046818			2
E 6.60	6.63	6.66	136316.2343	151005.038044			3
6.94	6.98	7.00	102390.3281	15109.402425			4
7.16	7.20	7.22	1113.390381	161.811013			5
7.51	7.55	7.57	41636.95703	13144.492469			6
Height Summation:			**349457.158935**				
Amount Avg CF:			**35692.166415**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4250	825		** 65.99	4	15	
Aroclor-1221			4250	1300			3	5	
Aroclor-1232			4250	825	E	** 124.09	4	10	
Aroclor-1242			4250	825	E	** 151.05	4	30	
Aroclor-1248			4250	825		** 87.28	4	30	
Aroclor-1254			4250	825		22.49	4	40	
Aroclor-1260			4250	825		13.78	4	40	
Aroclor-1262			0	0		21.23	4	40	
Aroclor-1268			0	0		** 71.80	4	40	

Units: _____

ASX05 0590

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 07:49:20

Sample Name: **5454441ACF DF250 ADAMS30 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 05:37:41pm 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\9P2235.15R**
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	2.101		0.0000	0.000	271.8	0.017	BB	0.033	138.10	0.021
2	2.160		0.0000	0.000	510.2	0.033	BB	0.031	278.26	0.042
3	2.252		0.0000	0.000	348.3	0.022	BB	0.074	78.57	0.012
4	2.304		0.0000	0.000	5432.2	0.348	BB	0.038	2391.77	0.358
5	2.441		0.0000	0.000	11972.6	0.767	BB	0.036	5475.67	0.819
6	2.541		0.0000	0.000	1971.0	0.126	BB	0.037	885.58	0.132
7	2.711		0.0000	0.000	301.7	0.019	BB	0.052	96.94	0.014
8	2.827		0.0000	0.000	149.3	0.010	BB	0.040	61.59	0.009
9	2.933		0.0000	0.000	2640.2	0.169	BB	0.037	1190.68	0.178
10	3.024		0.0000	0.000	49.4	0.003	BB	0.031	26.36	0.004
11	3.115		0.0000	0.000	4276.9	0.274	BB	0.189	377.00	0.056
12	3.355	TCX	800.4771	76.823	9616.8	0.616	BB	0.157	1021.00	0.153
13	3.529		0.0000	0.000	1064.5	0.068	BB	0.051	346.99	0.052
14	3.843		0.0000	0.000	9537.7	0.611	BB	0.249	639.59	0.096
15	4.580		0.0000	0.000	1300.9	0.083	BB	0.047	465.83	0.070
16	4.738		0.0000	0.000	617.0	0.040	BB	0.038	268.14	0.040
17	4.851		0.0000	0.000	9717.9	0.622	BB	0.053	3041.59	0.455
18	5.040		0.0000	0.000	3621.9	0.232	BB	0.039	1550.92	0.232
19	5.127		0.0000	0.000	207.6	0.013	BB	0.026	132.10	0.020
20	5.174		0.0000	0.000	2127.2	0.136	BB	0.031	1127.75	0.169
21	5.363		0.0000	0.000	303.0	0.019	BB	0.025	205.72	0.031
22	5.416		0.0000	0.000	7004.5	0.449	BB	0.026	4509.33	0.674
23	5.438		0.0000	0.000	2203.0	0.141	BB	0.016	2253.18	0.337
24	5.472		0.0000	0.000	1940.0	0.124	BB	0.017	1913.30	0.286
25	5.582		0.0000	0.000	3559.9	0.228	BB	0.026	2279.91	0.341
26	5.644		0.0000	0.000	35528.0	2.275	BB	0.031	19012.85	2.843
27	5.688		0.0000	0.000	4671.7	0.299	BB	0.022	3483.75	0.521
28	5.779		0.0000	0.000	790.6	0.051	BB	0.023	572.36	0.086
29	5.841		0.0000	0.000	12724.7	0.815	BB	0.032	6615.19	0.989
30	5.917		0.0000	0.000	35816.1	2.294	BB	0.049	12077.31	1.806
31	5.997		0.0000	0.000	48389.2	3.099	BB	0.030	26470.57	3.958
32	6.068		0.0000	0.000	16421.5	1.052	BB	0.031	8825.22	1.319
33	6.107		0.0000	0.000	3138.3	0.201	BB	0.022	2429.72	0.363
34	6.171		0.0000	0.000	91628.0	5.868	BB	0.040	38575.40	5.767
35	6.293		0.0000	0.000	61179.5	3.918	BB	0.034	29905.36	4.471
36	6.374		0.0000	0.000	14748.8	0.945	BB	0.030	8064.92	1.206
37	6.444		0.0000	0.000	172747.6	11.063	BB	0.046	62439.63	9.335
38	6.557		0.0000	0.000	75474.3	4.834	BB	0.036	35035.79	5.238
39	6.663		0.0000	0.000	5136.8	0.329	BB	0.025	3422.33	0.512
40	6.711		0.0000	0.000	176495.8	11.303	BB	0.038	77068.14	11.522
41	6.800		0.0000	0.000	40116.7	2.569	BB	0.028	23812.26	3.560
42	6.857		0.0000	0.000	22901.1	1.467	BB	0.028	13481.05	2.016
43	7.017		0.0000	0.000	109224.2	6.995	BB	0.047	38407.59	5.742
44	7.097		0.0000	0.000	22827.1	1.462	BB	0.028	13646.15	2.040
45	7.152		0.0000	0.000	10004.1	0.641	BB	0.026	6478.15	0.969
46	7.278		0.0000	0.000	29491.5	1.889	BB	0.037	13377.63	2.000
47	7.366		0.0000	0.000	223659.4	14.324	BB	0.042	88321.20	13.205
48	7.701		0.0000	0.000	108180.6	6.928	BB	0.036	50283.71	7.518
49	7.794		0.0000	0.000	22606.7	1.448	BB	0.038	9872.14	1.476
50	8.048		0.0000	0.000	1750.9	0.112	BB	0.043	686.31	0.103
51	8.211		0.0000	0.000	28076.5	1.798	BB	0.051	9123.49	1.364
52	8.357		0.0000	0.000	202.8	0.013	BB	0.041	81.87	0.012
53	8.551		0.0000	0.000	56225.7	3.601	BB	0.045	20967.47	3.135
54	8.651		0.0000	0.000	1774.0	0.114	BB	0.035	855.98	0.128
55	9.036		0.0000	0.000	13704.4	0.878	BB	0.049	4643.94	0.694
56	9.183		0.0000	0.000	621.9	0.040	BB	0.075	138.53	0.021
57	9.362		0.0000	0.000	469.6	0.030	BB	0.046	169.91	0.025
58	9.421	DCB	241.4948	23.177	507.7	0.033	BB	0.038	220.85	0.033
59	9.512		0.0000	0.000	115.0	0.007	BB	0.039	48.87	0.007
60	9.583		0.0000	0.000	44.8	0.003	BB	0.038	19.48	0.003
61	9.740		0.0000	0.000	865.3	0.055	BB	0.098	147.43	0.022
62	9.924		0.0000	0.000	32433.7	2.077	BB	0.058	9322.22	1.394

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Total Area = 1561440.0, Total Amount = 1041.972, Total Height = 668860.6, Sample Units = ug/l

Sample Name: **5454441ACF DF250 ADAMS30 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 05:37:41pm 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\9P2235B.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	6864.4	0.281	BB	0.032	3610.55	0.346
2	2.236		0.0000	0.000	176.1	0.007	BB	0.025	116.36	0.011
3	2.289		0.0000	0.000	4024.1	0.165	BB	0.038	1756.10	0.168
4	2.413		0.0000	0.000	78.6	0.003	BB	0.025	53.18	0.005
5	2.467		0.0000	0.000	230.1	0.009	BB	0.082	46.85	0.004
6	2.576		0.0000	0.000	35794.8	1.464	BB	0.185	3221.18	0.308
7	2.927	TCX	1544.7450	74.315	44933.4	1.838	BB	0.228	3291.74	0.315
8	3.134		0.0000	0.000	139.5	0.006	BB	0.043	53.80	0.005
9	3.174		0.0000	0.000	1334.0	0.055	BB	0.033	680.05	0.065
10	3.319		0.0000	0.000	45.5	0.002	BB	0.023	32.92	0.003
11	3.384		0.0000	0.000	3773.8	0.154	BB	0.038	1662.34	0.159
12	3.499		0.0000	0.000	24.7	0.001	BB	0.012	33.15	0.003
13	3.534		0.0000	0.000	36.2	0.001	BB	0.019	31.46	0.003
14	3.580		0.0000	0.000	287.5	0.012	BB	0.053	90.77	0.009
15	3.816		0.0000	0.000	1151.3	0.047	BB	0.091	210.79	0.020
16	3.984		0.0000	0.000	42.6	0.002	BB	0.018	39.03	0.004
17	4.024		0.0000	0.000	596.1	0.024	BB	0.031	321.17	0.031
18	4.111		0.0000	0.000	1481.1	0.061	BB	0.034	732.98	0.070
19	4.231		0.0000	0.000	562.9	0.023	BB	0.033	284.77	0.027
20	4.281		0.0000	0.000	261.7	0.011	BB	0.024	180.60	0.017
21	4.346		0.0000	0.000	18717.7	0.766	BB	0.055	5685.15	0.544
22	4.548		0.0000	0.000	8313.2	0.340	BB	0.042	3322.05	0.318
23	4.691		0.0000	0.000	5595.8	0.229	BB	0.041	2278.42	0.218
24	4.827		0.0000	0.000	244.6	0.010	BB	0.025	164.92	0.016
25	4.863		0.0000	0.000	2165.0	0.089	BB	0.021	1680.38	0.161
26	4.899		0.0000	0.000	72579.5	2.969	BB	0.041	29429.68	2.817
27	4.995		0.0000	0.000	5012.4	0.205	BB	0.023	3692.37	0.353
28	5.051		0.0000	0.000	46910.4	1.919	BB	0.027	29125.09	2.788
29	5.098		0.0000	0.000	25222.2	1.032	BB	0.038	11128.65	1.065
30	5.217		0.0000	0.000	1815.9	0.074	BB	0.025	1234.58	0.118
31	5.267		0.0000	0.000	24478.7	1.001	BB	0.035	11592.40	1.110
32	5.352		0.0000	0.000	32430.7	1.327	BB	0.027	20231.38	1.937
33	5.411		0.0000	0.000	3623.9	0.148	BB	0.059	1022.86	0.098
34	5.444		0.0000	0.000	153419.0	6.275	BB	0.055	46858.27	4.486
35	5.573		0.0000	0.000	155391.2	6.356	BB	0.038	67436.23	6.456
36	5.671		0.0000	0.000	114841.5	4.697	BB	0.043	44208.71	4.232
37	5.767		0.0000	0.000	212076.4	8.675	BB	0.040	89261.94	8.545
38	5.909		0.0000	0.000	147365.8	6.028	BB	0.034	71777.02	6.871
39	5.976		0.0000	0.000	49751.1	2.035	BB	0.027	30821.46	2.951
40	6.035		0.0000	0.000	18312.5	0.749	BB	0.023	13300.64	1.273
41	6.086		0.0000	0.000	129392.4	5.293	BB	0.028	75951.88	7.271
42	6.124		0.0000	0.000	19990.7	0.818	BB	0.023	14612.87	1.399
43	6.178		0.0000	0.000	22772.4	0.931	BB	0.024	15771.36	1.510
44	6.325		0.0000	0.000	18153.5	0.743	BB	0.039	7688.81	0.736
45	6.383		0.0000	0.000	150359.1	6.150	BB	0.047	53387.38	5.111
46	6.479		0.0000	0.000	36696.2	1.501	BB	0.027	22580.15	2.162
47	6.523		0.0000	0.000	7432.7	0.304	BB	0.019	6537.80	0.626
48	6.560		0.0000	0.000	6201.4	0.254	BB	0.018	5605.54	0.537
49	6.633		0.0000	0.000	339886.1	13.903	BB	0.042	136316.20	13.050
50	6.827		0.0000	0.000	171.0	0.007	BB	0.026	110.68	0.011
51	6.918		0.0000	0.000	40247.9	1.646	BB	0.028	24024.51	2.300
52	6.977		0.0000	0.000	233818.8	9.564	BB	0.038	102390.30	9.802
53	7.196		0.0000	0.000	1925.1	0.079	BB	0.029	1113.39	0.107
54	7.256		0.0000	0.000	7849.2	0.321	BB	0.042	3126.92	0.299
55	7.373		0.0000	0.000	36060.8	1.475	BB	0.037	16173.43	1.548
56	7.484		0.0000	0.000	292.9	0.012	BB	0.023	209.97	0.020
57	7.545		0.0000	0.000	108070.1	4.420	BB	0.043	41636.96	3.986
58	7.749		0.0000	0.000	1476.7	0.060	BB	0.067	367.08	0.035
59	7.817		0.0000	0.000	25.2	0.001	BB	0.008	51.55	0.005
60	7.899		0.0000	0.000	24224.2	0.991	BB	0.039	10227.62	0.979
61	8.000		0.0000	0.000	1204.7	0.049	BB	0.046	440.06	0.042
62	8.216	DCB	533.9047	25.685	3538.5	0.145	BB	0.060	982.23	0.094

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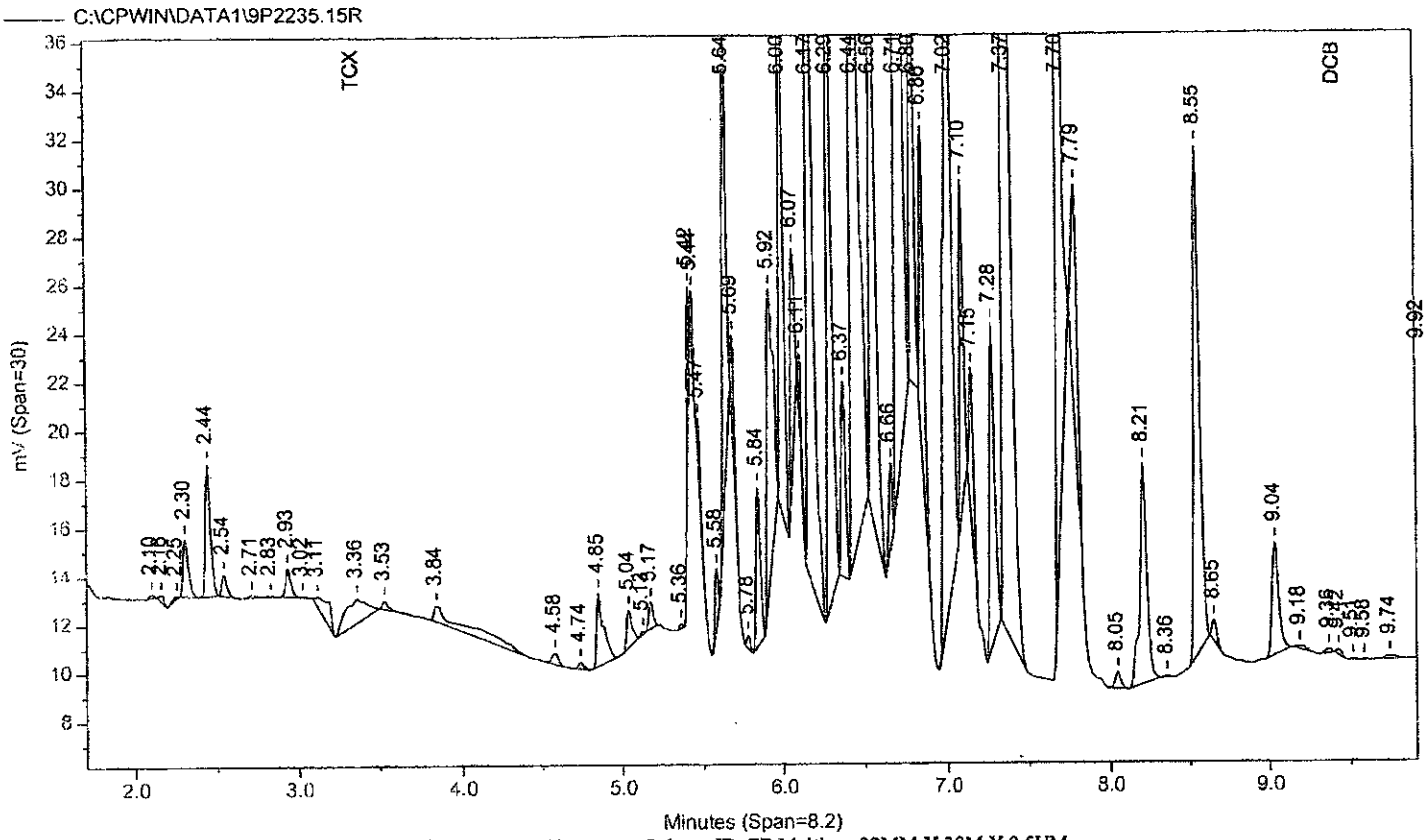
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.382		0.0000	0.000	285.3	0.012	BB	0.040	118.06	0.011
64	8.467		0.0000	0.000	146.6	0.006	BB	0.022	109.37	0.010
65	8.584		0.0000	0.000	1075.4	0.044	BB	0.053	335.64	0.032
66	8.700		0.0000	0.000	67.7	0.003	BB	0.019	58.69	0.006
67	8.850		0.0000	0.000	203.6	0.008	BB	0.065	51.89	0.005
68	8.866		0.0000	0.000	29.9	0.001	BB	0.016	31.68	0.003
69	8.950		0.0000	0.000	167.1	0.007	BB	0.055	50.48	0.005
70	8.984		0.0000	0.000	44.7	0.002	BB	0.019	38.36	0.004
71	9.016		0.0000	0.000	37.0	0.002	BB	0.012	52.06	0.005
72	9.083		0.0000	0.000	53.0	0.002	BB	0.017	51.88	0.005
73	9.133		0.0000	0.000	2346.3	0.096	BB	0.141	277.84	0.027
74	9.383		0.0000	0.000	17.6	0.001	BB	0.007	41.95	0.004
75	9.400		0.0000	0.000	29.6	0.001	BB	0.011	43.72	0.004
76	9.433		0.0000	0.000	17.3	0.001	BB	0.009	33.22	0.003
77	9.466		0.0000	0.000	44.8	0.002	BB	0.014	52.22	0.005
78	9.500		0.0000	0.000	21.1	0.001	BB	0.009	40.88	0.004
79	9.567		0.0000	0.000	30.0	0.001	BB	0.009	54.90	0.005
80	9.600		0.0000	0.000	81.3	0.003	BB	0.029	46.79	0.004
81	9.683		0.0000	0.000	13217.4	0.541	BB	0.221	995.31	0.095
82	9.983		0.0000	0.000	36940.8	1.511	BB	0.297	2076.12	0.199

Total Area = 2444752.0, Total Amount = 2078.65, Total Height = 1044570.0, Sample Units = ug/l

ASX05 0602

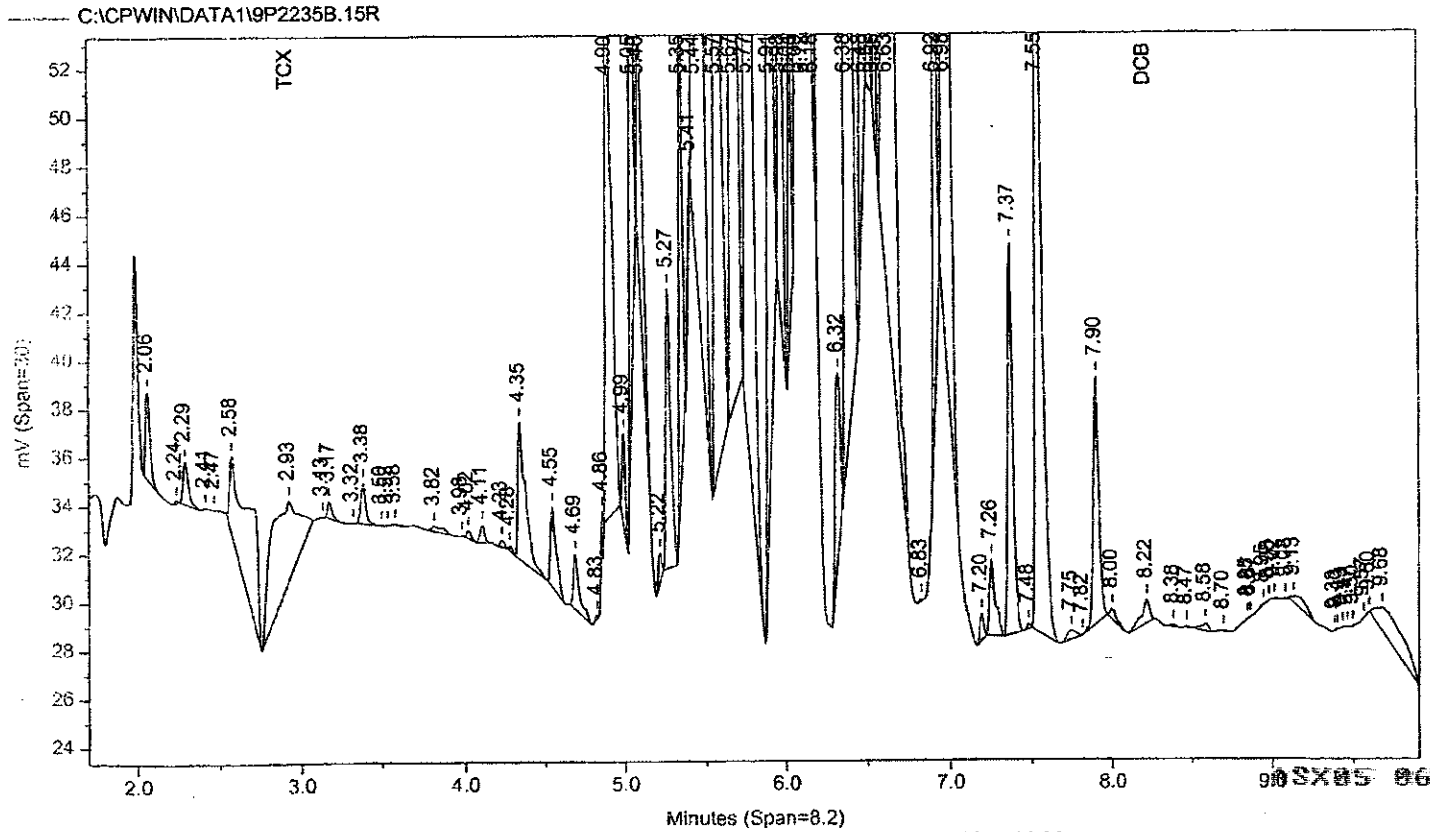
LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.15R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 5:27:41 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.15R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 5:27:41 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: 30
Analyst: 2280

Dilution Factor: 2500

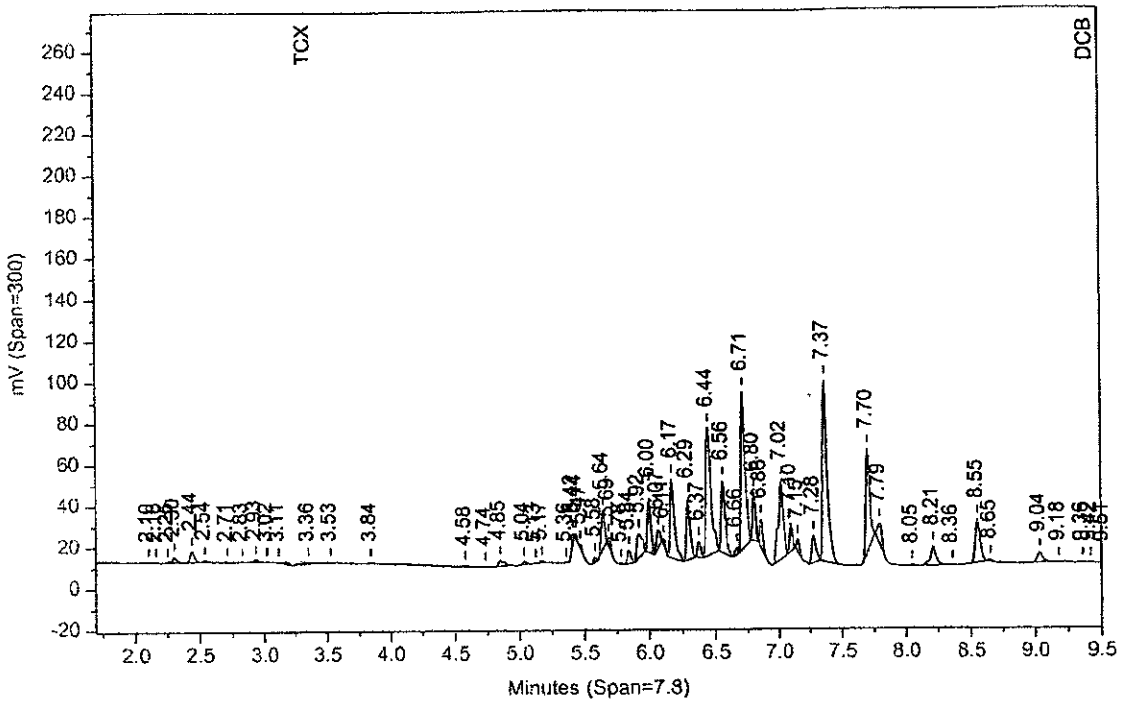
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	1021	26.68257	TCX	2.927	3292	51.49151	TCX
9.421	221	8.04983	DCB	8.216	982	17.79682	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.15A
Area File: C:\CPWIN\DATA1\9P2235B.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: 9/5/2008 5:37:46 PM
File Reported On: 9/5/2008 at 5:37:51 PM

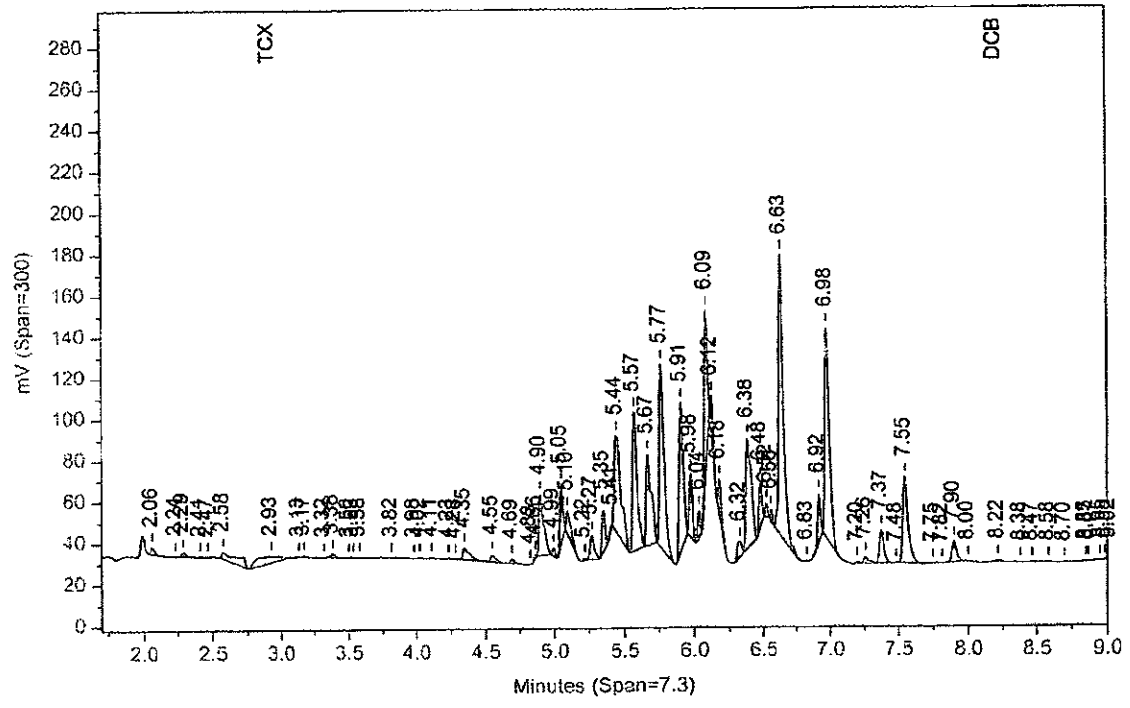
10X REPLOTS

ASX05 0604

C:\CPWIN\DATA1\9P2235.15R



C:\CPWIN\DATA1\9P2235B.15R



ASX05 0605

Multiple Component Data Summary

Sample Name: 5454442 ACF DF100 AMS29 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 17:42:07
Instrument H2601A
Result file 9P2235.16R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 88.0% Conc: 8.77504
%SSR(DCB) 102.4% Conc: 10.25601

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**35.10**	
5.61	5.64	5.67	26488.16015	6905.014436			2
5.96	6.00	6.02	43193.875	7866.163561			3
6.26	6.29	6.32	53624.40234	12939.383493			4
Height summation:			**123306.4375**				
Concentration		CF:	**9236.85383**	L:			
Aroclor-1260						**67.55**	
6.68	6.71	6.74	78354.0625	14391.346923			4
6.77	6.80	6.83	15249.30859	5055.670795			5
6.98	7.02	7.04	15815.12793	4810.822859			6
Height summation:			**109418.499024**				
Concentration		CF:	**8085.946859**	L:			

Analysis Report (B)

Injected on Sep 05, 2008 17:42:07
Instrument H2601B
Result file 9P2235B.16R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 111.6% Conc: 11.12756
%SSR(DCB) 127.2% Conc: 12.73571

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**38.42**	
5.24	5.27	5.30	20082.92187	7059.764992			1
5.32	5.35	5.38	33038.38281	6470.1978			2
5.64	5.67	5.70	81886.375	12521.070704			4
Height summation:			**135007.679688**				
Concentration		CF:	**8683.677832**	L:			
Aroclor-1260						**92.79**	
6.06	6.09	6.12	113996.4140	20175.772552			4
6.35	6.41	6.41	17804.56835	2786.055826			5
7.51	7.55	7.57	30398.28710	6592.592785			6
Height summation:			**162199.269531**				
Concentration		CF:	**9851.473721**	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	A	9236.85383	1700	330		6.17	4	40	
Aroclor-1260	B	9851.473721	1700	330		19.69	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: James Brillhart Date: 9-8-08
Verified By: [illegible] Date: 9.8.08

ASX05 0686

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454442** ACF DF100 AMS29 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:42:07
Instrument : CP02--H2601A
Result file : 9P2235.16R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 88% Conc.: 8.77504
%SSR(DCB) : 102.4% Conc.: 10.256015

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	137.13	
4.55	4.59	4.61	296.167633	53.158718			3
4.71	4.74	4.77	132.646988	57.901187			4
5.14	5.17	5.20	1748.84436	970.086267			5
5.38	5.42	5.44	5968.223145	3080.169746			6
+ 5.38	5.44	5.44	2876.367676	1484.478794			6
Height Summation:			**8145.882126**				
Amount Avg CF:			**1040.32898**	Linear:			
Aroclor-1232					4	183.17	
4.55	4.59	4.61	296.167633	108.971295			3
4.70	4.74	4.76	132.646988	124.638936			4
5.13	5.17	5.19	1748.84436	2068.29207			5
E 5.38	5.42	5.44	5968.223145	33548.190809			6
Height Summation:			**8145.882126**				
Amount Avg CF:			**8962.523278**	Linear:			
Aroclor-1242					4	175.19	
4.55	4.59	4.61	296.167633	67.135358			3
4.71	4.74	4.77	132.646988	74.019691			4
5.14	5.17	5.20	1748.84436	1175.180163			5
E 5.38	5.42	5.44	5968.223145	12468.866907			6
+ 5.38	5.44	5.44	2876.367676	6009.33391			6
Height Summation:			**8145.882126**				
Amount Avg CF:			**3446.30053**	Linear:			
Aroclor-1248					6	130.80	
4.55	4.59	4.61	296.167633	106.408195			1
5.01	5.04	5.07	2115.738037	706.827893			2
5.44	5.47	5.50	5371.589844	2973.669964			3
5.62	5.64	5.68	26488.16015	8527.232753			4
5.96	6.00	6.02	43193.875	26334.003361			5
E 6.26	6.29	6.32	53624.40234	46221.557668			6
Height Summation:			**131089.933014**				
Amount Avg CF:			**14144.949972**	Linear:			
Aroclor-1254					6	59.08	
4.82	4.85	4.88	4269.397461	1847.250005			1
5.61	5.64	5.67	26488.16015	6905.014436			2
5.96	6.00	6.02	43193.875	7866.163561			3
6.26	6.29	6.32	53624.40234	12939.383493			4
6.52	6.55	6.58	51959.07812	18454.97878			5
6.68	6.71	6.74	78354.0625	16898.327271			6
Height Summation:			**257888.975586**				
Amount Avg CF:			**10818.519591**	Linear:			
Aroclor-1260					6	61.71	
6.03	6.07	6.09	4361.753418	2069.42179			1
6.14	6.17	6.20	29801.96289	6943.562086			2
6.41	6.45	6.47	56995.13281	11355.521289			3
6.68	6.71	6.74	78354.0625	14391.346923			4
6.77	6.80	6.83	15249.30859	5655.670793			5
+ 6.98	6.99	7.04	4998.79541	1520.589611			6
6.98	7.02	7.04	15815.12793	4810.822859			6
Height Summation:			**200577.348146**				
Amount Avg CF:			**7437.72429**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:42:07
Instrument : CP02--H2601B
Result file : 9P2235B.16R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 111.6% Conc.: 11.127563
%SSR(DCB) 127.2% Conc.: 12.735711

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	191.76	
3.32	3.35	3.38	57.797283	15.351326			1
+ 3.65	3.68	3.71	69.65712	12.342347			2
3.65	3.70	3.71	119.214264	21.123236			2
3.84	3.88	3.90	198.719818	46.66901			3
4.08	4.11	4.14	662.2995	69.445135			4
4.66	4.69	4.72	3745.154053	1179.461663			6
Height Summation:			**4783.184918**				
Amount Avg CF:			**266.410074**	Linear:			
Aroclor-1221					2	121.37	
3.14	3.18	3.20	304.163696	144.86055			1
3.32	3.35	3.38	57.797283	11.054488			3
Height Summation:			**361.960979**				
Amount Avg CF:			**77.957519**	Linear:			
Aroclor-1232					6	173.36	
3.32	3.35	3.38	57.797283	13.339168			1
+ 3.65	3.68	3.71	69.65712	23.252756			2
3.65	3.70	3.71	119.214264	39.795792			2
3.83	3.88	3.89	198.719818	95.144986			3
4.07	4.11	4.13	662.2995	134.05787			4
E 4.34	4.35	4.40	8119.015137	6818.690801			5
4.65	4.69	4.71	3745.154053	2330.162733			6
Height Summation:			**12902.200055**				
Amount Avg CF:			**1571.865225**	Linear:			
Aroclor-1242					5	194.27	
3.32	3.35	3.38	57.797283	18.376346			1
+ 3.65	3.68	3.71	69.65712	15.586387			2
3.65	3.70	3.71	119.214264	26.675229			2
3.84	3.88	3.90	198.719818	57.577417			3
4.08	4.11	4.14	662.2995	87.956533			4
4.66	4.69	4.72	3745.154053	1616.241176			6
Height Summation:			**4783.184918**				
Amount Avg CF:			**361.36534**	Linear:			
Aroclor-1248					4	93.14	
4.52	4.55	4.58	4516.763184	914.246061			3
4.66	4.69	4.72	3745.154053	1064.99654			4
4.87	4.90	4.93	24860.61328	6040.830067			5
5.07	5.10	5.13	22059.68945	9020.619092			6
Height Summation:			**55182.219971**				
Amount Avg CF:			**4260.17294**	Linear:			
Aroclor-1254					6	41.11	
5.24	5.27	5.30	20082.92187	7059.764992			1
5.32	5.35	5.38	33038.38281	6470.1978			2
5.41	5.44	5.47	69697.73437	7502.922238			3
5.64	5.67	5.70	81886.375	12521.070704			4
5.94	5.98	6.00	64301.07421	16941.031499			5
6.05	6.09	6.11	113996.4140	14762.057168			6
Height Summation:			**383002.902345**				
Amount Avg CF:			**10876.174067**	Linear:			

ASX85 0607

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/6/08 07:50:08

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454442** ACF DF100 AMS29 Sample ID: AD **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 17:42:07
Instrument : CP02--H2601A
Result file : 9P2235.16R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	87.88	
6.03	6.07	6.09	4361.753418	1754.307958			1
6.13	6.17	6.19	29801.96289	7611.131259			2
6.40	6.45	6.46	56995.13281	13249.12974			3
6.67	6.71	6.73	78354.0625	20183.41159			4
6.76	6.80	6.82	15249.30859	2879.39682			5
+ 6.98	6.99	7.04	4998.79541	1138.23855			6
6.98	7.02	7.04	15815.12793	3601.145237			6
Height Summation:			**200577.348146**				
Amount Avg CF:			**8213.087101**	Linear:			
Aroclor-1268					5	64.17	
6.76	6.80	6.82	15249.30859	6444.373698			1
7.00	7.02	7.06	15815.12793	5510.190348			2
7.66	7.70	7.72	35896.46484	3200.634345			3
8.01	8.05	8.07	596.087341	64.42243			4
8.51	8.55	8.57	14675.79589	3967.542236			6
Height Summation:			**82232.784607**				
Amount Avg CF:			**3837.432611**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 17:42:07
Instrument : CP02--H2601B
Result file : 9P2235B.16R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	72.67	
5.43	5.44	5.49	69697.73437	25794.085588			1
5.54	5.57	5.60	61142.09765	8476.389705			2
5.74	5.77	5.80	77488.85156	9215.167609			3
6.06	6.09	6.12	113996.4140	20175.772552			4
+ 6.35	6.38	6.41	13568.58691	2123.21017			5
6.35	6.41	6.41	17804.56835	2786.055826			5
7.51	7.55	7.57	30398.28710	6592.592785			6
Height Summation:			**370527.953125**				
Amount Avg CF:			**12173.344011**	Linear:			
Aroclor-1262					6	152.97	
E 6.05	6.09	6.11	113996.4140	37038.640166			1
6.14	6.18	6.20	9969.404297	3939.342473			2
6.44	6.48	6.50	15092.07812	4092.384823			3
6.88	6.92	6.94	17249.67968	2529.983692			4
7.34	7.37	7.40	11615.53125	4031.07517			5
7.86	7.90	7.92	7651.989258	2341.577668			6
Height Summation:			**175575.096681**				
Amount Avg CF:			**8995.500665**	Linear:			
Aroclor-1268					5	169.69	
6.35	6.38	6.41	13568.58691	2618.903643			2
E 6.60	6.63	6.66	101417.0937	44938.13131			3
6.94	6.98	7.00	74604.28906	4403.643378			4
7.16	7.20	7.22	767.090759	44.593068			5
7.51	7.55	7.57	30398.28710	3838.609586			6
Height Summation:			**220755.347595**				
Amount Avg CF:			**11168.776197**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 118.45	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 140.31	4	10	
Aroclor-1242			1700	330	E	** 162.04	4	30	
Aroclor-1248			1700	330	E	** 107.41	4	30	
Aroclor-1254			1700	330		0.53	4	40	
Aroclor-1260			1700	330		** 48.30	4	40	
Aroclor-1262			0	0		9.09	4	40	
Aroclor-1268			0	0		** 97.71	4	40	

Units: _____

ASX05 0609

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/6/08 07:50:08

Sample Name: **5454442ACF DF100 ADAMS29 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 05:52:07pm 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\9P2235.16R**
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	2.101		0.0000	0.000	166.2	0.012	BB	0.033	84.95	0.013
2	2.209		0.0000	0.000	680.3	0.049	BB	0.070	162.94	0.025
3	2.304		0.0000	0.000	2106.0	0.150	BB	0.038	927.42	0.143
4	2.440		0.0000	0.000	771.4	0.055	BB	0.047	271.36	0.042
5	2.543		0.0000	0.000	390.8	0.028	BB	0.049	132.34	0.020
6	2.712		0.0000	0.000	198.7	0.014	BB	0.052	63.72	0.010
7	2.800		0.0000	0.000	218.5	0.016	BB	0.065	55.86	0.009
8	2.934		0.0000	0.000	982.9	0.070	BB	0.036	449.59	0.069
9	3.030		0.0000	0.000	49.4	0.004	BB	0.029	28.88	0.004
10	3.129		0.0000	0.000	844.2	0.060	BB	0.060	236.28	0.036
11	3.356	TCX	263.2512	46.109	2100.5	0.150	BB	0.042	839.43	0.130
12	3.529		0.0000	0.000	312.0	0.022	BB	0.032	160.14	0.025
13	3.845		0.0000	0.000	710.4	0.051	BB	0.049	244.02	0.038
14	4.585		0.0000	0.000	683.8	0.049	BB	0.038	296.17	0.046
15	4.736		0.0000	0.000	255.0	0.018	BB	0.032	132.65	0.020
16	4.851		0.0000	0.000	14090.5	1.006	BB	0.055	4269.40	0.659
17	5.041		0.0000	0.000	4831.4	0.345	BB	0.038	2115.74	0.327
18	5.125		0.0000	0.000	319.8	0.023	BB	0.026	202.73	0.031
19	5.175		0.0000	0.000	3295.8	0.235	BB	0.031	1748.84	0.270
20	5.235		0.0000	0.000	87.9	0.006	BB	0.022	67.74	0.010
21	5.364		0.0000	0.000	440.0	0.031	BB	0.024	307.56	0.047
22	5.416		0.0000	0.000	8928.4	0.637	BB	0.025	5968.22	0.921
23	5.438		0.0000	0.000	2274.0	0.162	BB	0.013	2876.37	0.444
24	5.475		0.0000	0.000	7800.9	0.557	BB	0.024	5371.59	0.829
25	5.584		0.0000	0.000	4623.5	0.330	BB	0.024	3162.39	0.488
26	5.643		0.0000	0.000	49208.8	3.513	BB	0.031	26488.16	4.088
27	5.690		0.0000	0.000	14547.5	1.039	BB	0.025	9754.54	1.505
28	5.778		0.0000	0.000	1195.6	0.085	BB	0.023	870.67	0.134
29	5.841		0.0000	0.000	22344.3	1.595	BB	0.033	11428.70	1.764
30	5.913		0.0000	0.000	24713.0	1.764	BB	0.028	14748.37	2.276
31	5.950		0.0000	0.000	4676.0	0.334	BB	0.017	4646.68	0.717
32	5.997		0.0000	0.000	78640.9	5.614	BB	0.030	43193.88	6.666
33	6.068		0.0000	0.000	7380.8	0.527	BB	0.028	4361.75	0.673
34	6.109		0.0000	0.000	6838.3	0.488	BB	0.021	5355.86	0.827
35	6.171		0.0000	0.000	62644.7	4.472	BB	0.035	29801.96	4.599
36	6.232		0.0000	0.000	2319.7	0.166	BB	0.018	2201.20	0.340
37	6.292		0.0000	0.000	111534.8	7.963	BB	0.035	53624.40	8.276
38	6.373		0.0000	0.000	12830.7	0.916	BB	0.031	6812.61	1.051
39	6.446		0.0000	0.000	154722.6	11.046	BB	0.045	56995.13	8.796
40	6.554		0.0000	0.000	109308.3	7.804	BB	0.035	51959.08	8.019
41	6.662		0.0000	0.000	5185.4	0.370	BB	0.025	3495.15	0.539
42	6.712		0.0000	0.000	186587.7	13.321	BB	0.040	78354.06	12.093
43	6.800		0.0000	0.000	23693.8	1.692	BB	0.026	15249.31	2.354
44	6.857		0.0000	0.000	15973.2	1.140	BB	0.029	9228.33	1.424
45	6.991		0.0000	0.000	7666.1	0.547	BB	0.026	4998.80	0.771
46	7.017		0.0000	0.000	26762.8	1.911	BB	0.028	15815.13	2.441
47	7.098		0.0000	0.000	14692.3	1.049	BB	0.028	8759.32	1.352
48	7.153		0.0000	0.000	6964.8	0.497	BB	0.026	4540.29	0.701
49	7.279		0.0000	0.000	35052.6	2.503	BB	0.038	15433.54	2.382
50	7.368		0.0000	0.000	151143.0	10.791	BB	0.040	62291.89	9.614
51	7.703		0.0000	0.000	78513.6	5.605	BB	0.036	35896.46	5.540
52	7.796		0.0000	0.000	15948.1	1.139	BB	0.036	7320.91	1.130
53	7.938		0.0000	0.000	342.9	0.024	BB	0.036	160.41	0.025
54	8.048		0.0000	0.000	1520.0	0.109	BB	0.042	596.09	0.092
55	8.213		0.0000	0.000	22908.9	1.636	BB	0.058	6579.34	1.015
56	8.554		0.0000	0.000	39653.6	2.831	BB	0.045	14675.80	2.265
57	8.657		0.0000	0.000	1570.7	0.112	BB	0.034	763.78	0.118
58	9.037		0.0000	0.000	10498.9	0.750	BB	0.051	3437.08	0.530
59	9.181		0.0000	0.000	749.6	0.054	BB	0.097	128.65	0.020
60	9.342		0.0000	0.000	198.3	0.014	BB	0.041	80.22	0.012
61	9.428	DCB	307.6805	53.891	1881.0	0.134	BB	0.045	703.45	0.109
62	9.749		0.0000	0.000	737.0	0.053	BB	0.103	119.20	0.018

ASX05 8669

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.843		0.0000	0.000	136.0	0.010	BB	0.061	36.86	0.006
64	9.944		0.0000	0.000	32230.5	2.301	BB	0.078	6858.15	1.058

Total Area = 1400679.0, Total Amount = 570.932, Total Height = 647941.3, Sample Units = ug/l

ASX05 5610

Sample Name: **5454442ACF DF100 ADAMS29 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 05:52:07pm 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.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	2.063		0.0000	0.000	5193.7	0.218	BB	0.049	1762.33	0.166
2	2.231		0.0000	0.000	30.9	0.001	BB	0.007	73.71	0.007
3	2.246		0.0000	0.000	67.2	0.003	BB	0.012	95.41	0.009
4	2.296		0.0000	0.000	491.1	0.021	BB	0.034	238.10	0.022
5	2.397		0.0000	0.000	461.6	0.019	BB	0.072	107.56	0.010
6	2.576		0.0000	0.000	2394.3	0.101	BB	0.039	1010.61	0.095
7	2.680		0.0000	0.000	93.8	0.004	BB	0.023	67.06	0.006
8	2.746		0.0000	0.000	31.5	0.001	BB	0.010	52.73	0.005
9	2.797		0.0000	0.000	15.9	0.001	BB	0.005	54.42	0.005
10	2.829		0.0000	0.000	1338.0	0.056	BB	0.046	489.98	0.046
11	2.928	TCX	333.8269	46.630	3742.4	0.157	BB	0.035	1778.40	0.168
12	3.063		0.0000	0.000	30.9	0.001	BB	0.007	74.44	0.007
13	3.097		0.0000	0.000	27.2	0.001	BB	0.008	57.19	0.005
14	3.113		0.0000	0.000	110.6	0.005	BB	0.019	95.16	0.009
15	3.179		0.0000	0.000	552.7	0.023	BB	0.030	304.16	0.029
16	3.313		0.0000	0.000	21.5	0.001	BB	0.006	59.56	0.006
17	3.347		0.0000	0.000	49.1	0.002	BB	0.014	57.80	0.005
18	3.387		0.0000	0.000	1598.1	0.067	BB	0.043	625.61	0.059
19	3.513		0.0000	0.000	310.2	0.013	BB	0.039	133.52	0.013
20	3.613		0.0000	0.000	73.6	0.003	BB	0.015	80.47	0.008
21	3.680		0.0000	0.000	67.6	0.003	BB	0.016	69.66	0.007
22	3.696		0.0000	0.000	206.4	0.009	BB	0.029	119.21	0.011
23	3.797		0.0000	0.000	65.9	0.003	BB	0.013	84.83	0.008
24	3.830		0.0000	0.000	72.7	0.003	BB	0.013	96.05	0.009
25	3.880		0.0000	0.000	395.4	0.017	BB	0.033	198.72	0.019
26	3.946		0.0000	0.000	473.4	0.020	BB	0.082	96.12	0.009
27	4.113		0.0000	0.000	2092.5	0.088	BB	0.053	662.30	0.062
28	4.287		0.0000	0.000	348.9	0.015	BB	0.025	232.64	0.022
29	4.347		0.0000	0.000	26589.2	1.118	BB	0.055	8119.02	0.765
30	4.548		0.0000	0.000	10990.5	0.462	BB	0.041	4516.76	0.426
31	4.692		0.0000	0.000	9063.2	0.381	BB	0.040	3745.15	0.353
32	4.826		0.0000	0.000	555.3	0.023	BB	0.027	339.24	0.032
33	4.864		0.0000	0.000	3674.0	0.155	BB	0.019	3144.59	0.296
34	4.900		0.0000	0.000	35493.5	1.493	BB	0.024	24860.61	2.342
35	4.932		0.0000	0.000	4111.0	0.173	BB	0.013	5206.25	0.491
36	4.996		0.0000	0.000	6042.6	0.254	BB	0.020	4939.57	0.465
37	5.052		0.0000	0.000	58674.9	2.468	BB	0.027	36351.83	3.425
38	5.099		0.0000	0.000	50485.1	2.124	BB	0.038	22059.69	2.079
39	5.218		0.0000	0.000	2897.3	0.122	BB	0.024	2041.50	0.192
40	5.269		0.0000	0.000	41871.3	1.761	BB	0.035	20082.92	1.892
41	5.352		0.0000	0.000	53205.5	2.238	BB	0.027	33038.38	3.113
42	5.401		0.0000	0.000	9423.0	0.396	BB	0.020	7735.12	0.729
43	5.441		0.0000	0.000	182258.7	7.667	BB	0.044	69697.73	6.567
44	5.574		0.0000	0.000	142615.0	5.999	BB	0.039	61142.10	5.761
45	5.672		0.0000	0.000	195752.3	8.234	BB	0.040	81886.38	7.716
46	5.768		0.0000	0.000	186483.1	7.844	BB	0.040	77488.85	7.301
47	5.910		0.0000	0.000	127921.6	5.381	BB	0.034	63068.29	5.943
48	5.977		0.0000	0.000	108111.6	4.548	BB	0.028	64301.07	6.059
49	6.033		0.0000	0.000	13087.4	0.551	BB	0.021	10495.48	0.989
50	6.087		0.0000	0.000	325541.5	13.694	BB	0.048	113996.40	10.741
51	6.177		0.0000	0.000	13056.5	0.549	BB	0.022	9969.40	0.939
52	6.264		0.0000	0.000	575.3	0.024	BB	0.021	451.65	0.043
53	6.333		0.0000	0.000	14813.5	0.623	BB	0.038	6542.13	0.616
54	6.385		0.0000	0.000	17052.8	0.717	BB	0.021	13568.59	1.279
55	6.410		0.0000	0.000	23861.8	1.004	BB	0.022	17804.57	1.678
56	6.480		0.0000	0.000	22864.7	0.962	BB	0.025	15092.08	1.422
57	6.522		0.0000	0.000	5461.6	0.230	BB	0.019	4905.66	0.462
58	6.559		0.0000	0.000	3762.3	0.158	BB	0.017	3703.00	0.349
59	6.632		0.0000	0.000	272646.6	11.469	BB	0.045	101417.10	9.556
60	6.813		0.0000	0.000	178.8	0.008	BB	0.017	177.99	0.017
61	6.918		0.0000	0.000	29000.6	1.220	BB	0.028	17249.68	1.625
62	6.979		0.0000	0.000	173300.2	7.290	BB	0.039	74604.29	7.030

ASX85 86.18

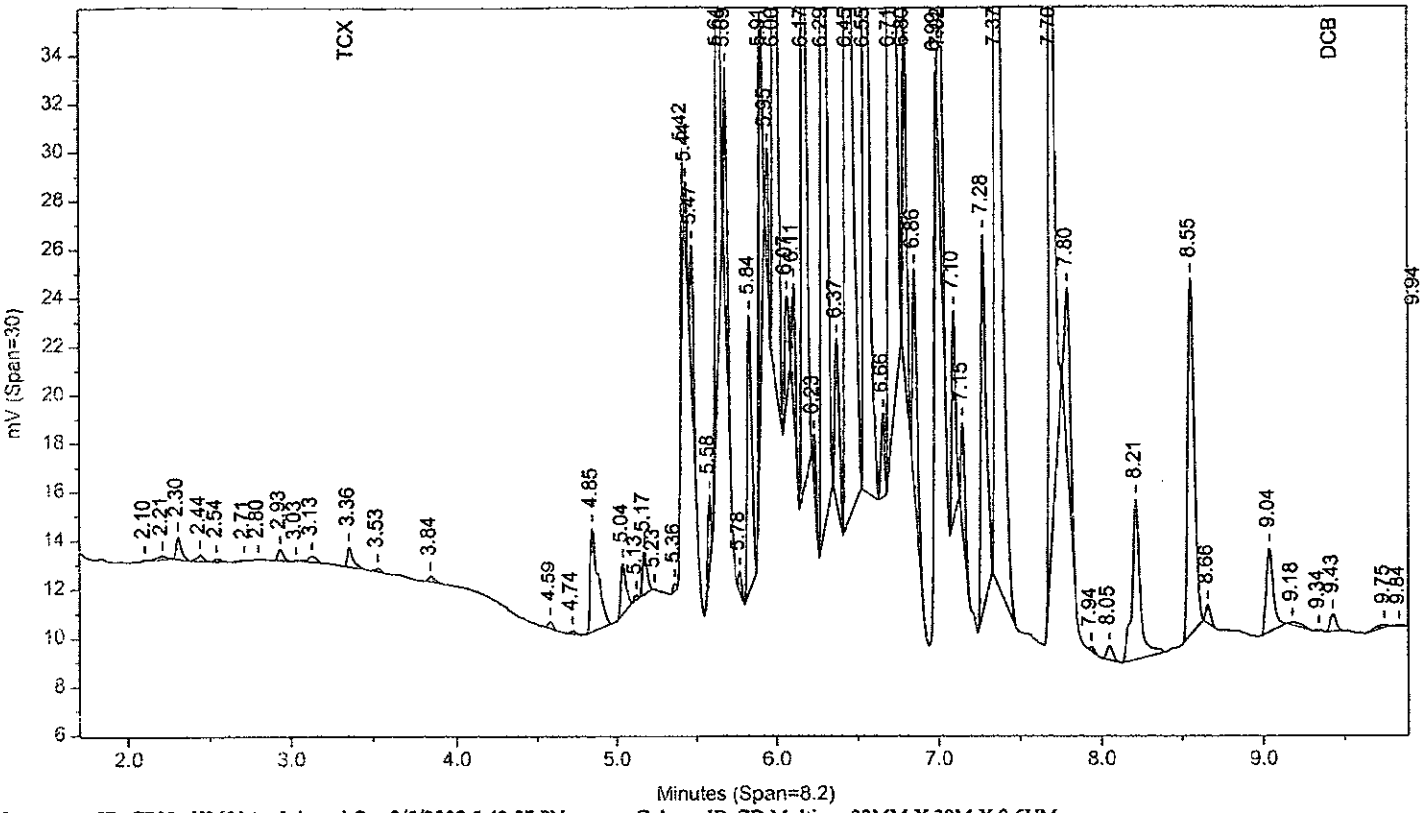
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.196		0.0000	0.000	1262.4	0.053	BB	0.027	767.09	0.072
64	7.259		0.0000	0.000	7635.9	0.321	BB	0.047	2717.99	0.256
65	7.374		0.0000	0.000	25838.5	1.087	BB	0.037	11615.53	1.094
66	7.546		0.0000	0.000	77178.6	3.246	BB	0.042	30398.29	2.864
67	7.714		0.0000	0.000	53.7	0.002	BB	0.014	62.66	0.006
68	7.746		0.0000	0.000	231.3	0.010	BB	0.032	122.38	0.012
69	7.777		0.0000	0.000	0.7	0.000	N	0.000	- 31.39	0.003
70	7.797		0.0000	0.000	71.4	0.003	BB	0.013	89.82	0.008
71	7.829		0.0000	0.000	430.9	0.018	BB	0.025	282.02	0.027
72	7.902		0.0000	0.000	18915.2	0.796	BB	0.041	7651.99	0.721
73	8.029		0.0000	0.000	46.0	0.002	BB	0.010	74.89	0.007
74	8.120		0.0000	0.000	4.5	0.000	N	-0.003	- 26.50	0.002
75	8.180		0.0000	0.000	166.5	0.007	BB	0.041	67.89	0.006
76	8.220	DCB	382.0713	53.370	3993.0	0.168	BB	0.038	1757.25	0.166
77	8.297		0.0000	0.000	75.3	0.003	BB	0.016	80.58	0.008
78	8.314		0.0000	0.000	797.6	0.034	BB	0.072	184.40	0.017
79	8.497		0.0000	0.000	20.0	0.001	BB	0.011	30.34	0.003
80	8.530		0.0000	0.000	69.3	0.003	BB	0.013	88.80	0.008
81	8.580		0.0000	0.000	592.7	0.025	BB	0.048	207.08	0.020
82	8.679		0.0000	0.000	1458.8	0.061	BB	0.063	386.92	0.036
83	8.797		0.0000	0.000	25.6	0.001	BB	0.008	54.05	0.005
84	8.814		0.0000	0.000	27.6	0.001	BB	0.008	57.71	0.005
85	8.847		0.0000	0.000	37.2	0.002	BB	0.008	78.60	0.007
86	8.864		0.0000	0.000	29.0	0.001	BB	0.009	53.13	0.005
87	8.880		0.0000	0.000	32.7	0.001	BB	0.008	64.23	0.006
88	8.897		0.0000	0.000	22.0	0.001	BB	0.006	62.15	0.006
89	8.914		0.0000	0.000	28.1	0.001	BB	0.008	61.60	0.006
90	8.930		0.0000	0.000	31.4	0.001	BB	0.009	59.72	0.006
91	8.980		0.0000	0.000	119.7	0.005	BB	0.034	58.44	0.006
92	9.013		0.0000	0.000	17.1	0.001	BB	0.004	66.29	0.006
93	9.047		0.0000	0.000	29.0	0.001	BB	0.008	63.40	0.006
94	9.063		0.0000	0.000	3497.4	0.147	BB	0.383	152.33	0.014
95	9.347		0.0000	0.000	21.2	0.001	BB	0.008	43.58	0.004
96	9.380		0.0000	0.000	72.2	0.003	BB	0.016	73.38	0.007
97	9.413		0.0000	0.000	19.2	0.001	BB	0.005	67.68	0.006
98	9.430		0.0000	0.000	21.4	0.001	BB	0.006	59.54	0.006
99	9.447		0.0000	0.000	25.7	0.001	BB	0.008	54.74	0.005
100	9.480		0.0000	0.000	101.7	0.004	BB	0.019	90.48	0.009
101	9.530		0.0000	0.000	83.4	0.004	BB	0.016	87.61	0.008
102	9.580		0.0000	0.000	307.6	0.013	BB	0.043	118.03	0.011
103	9.664		0.0000	0.000	20.7	0.001	BB	0.006	55.99	0.005
104	9.697		0.0000	0.000	95.1	0.004	BB	0.023	69.41	0.007
105	9.714		0.0000	0.000	5149.3	0.217	BB	0.268	320.57	0.030
106	9.930		0.0000	0.000	36895.5	1.552	BB	0.059	10364.25	0.977

Total Area = 2377331.0, Total Amount = 715.898, Total Height = 1061286.0, Sample Units = ug/l

ASX85 0612

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.16R

C:\CPWIN\DATA1\9P2235.16R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 5:42:07 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\9P2235B.16R

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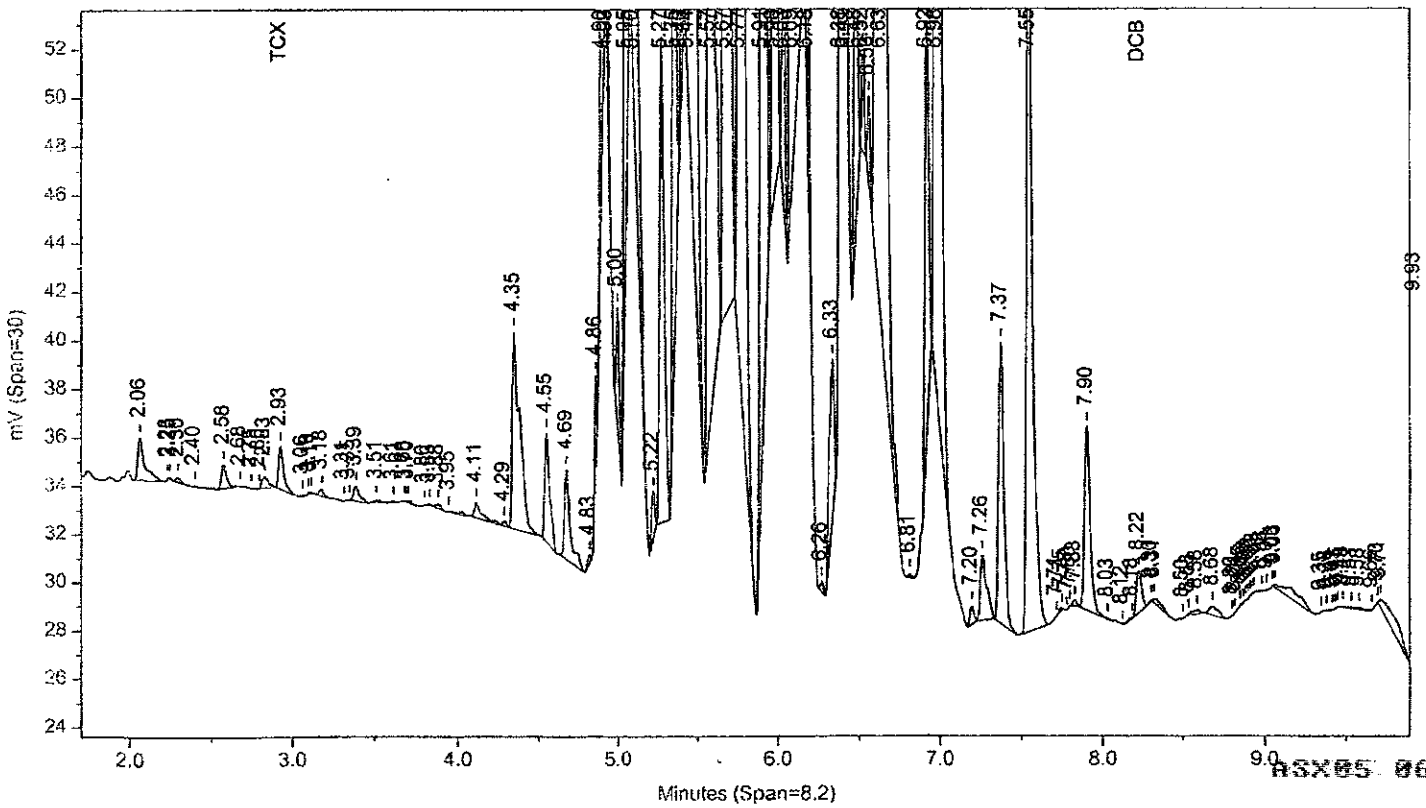

Instrument ID: CP02--H2601B Injected On: 9/5/2008 5:42:07 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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 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: 30 Dilution Factor: 1000
Analyst: 2280

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	839	8.77504	TCX	2.928	1778	11.12756	TCX
9.428	703	10.25601	DCB	8.22	1757	12.73571	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.16A
Area File: C:\CPWIN\DATA1\9P2235B.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: 9/5/2008 5:52:12 PM
File Reported On: 9/5/2008 at 5:52:18 PM

10X REPLOTS

ASX85 8614

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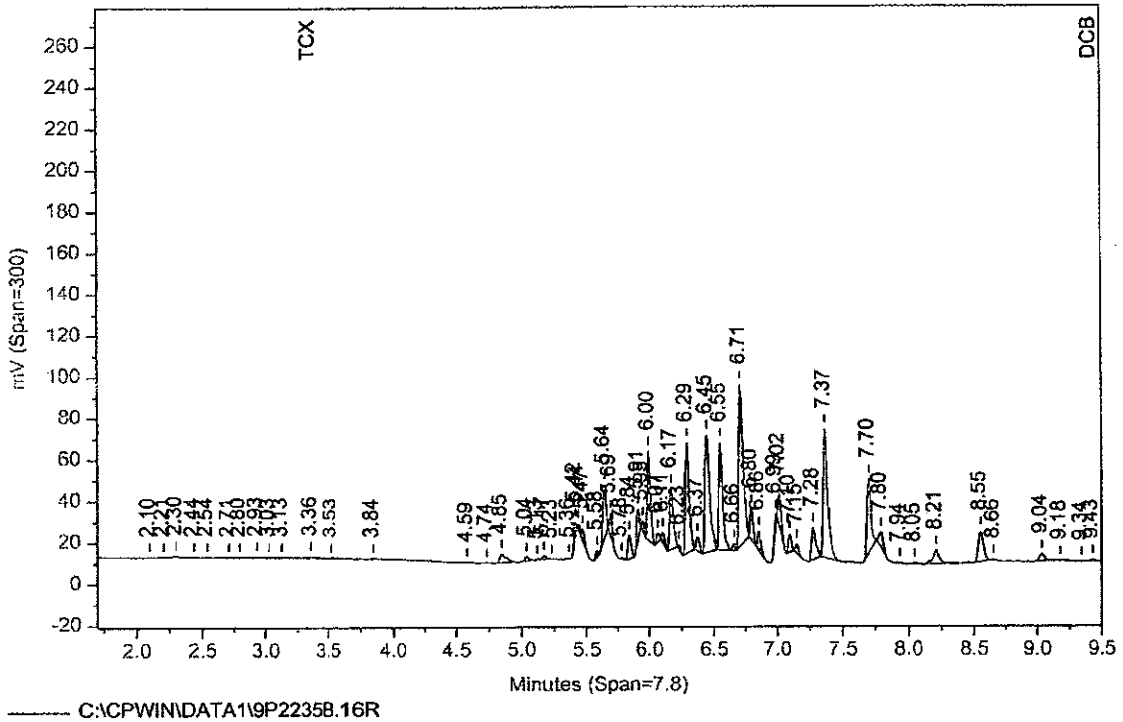

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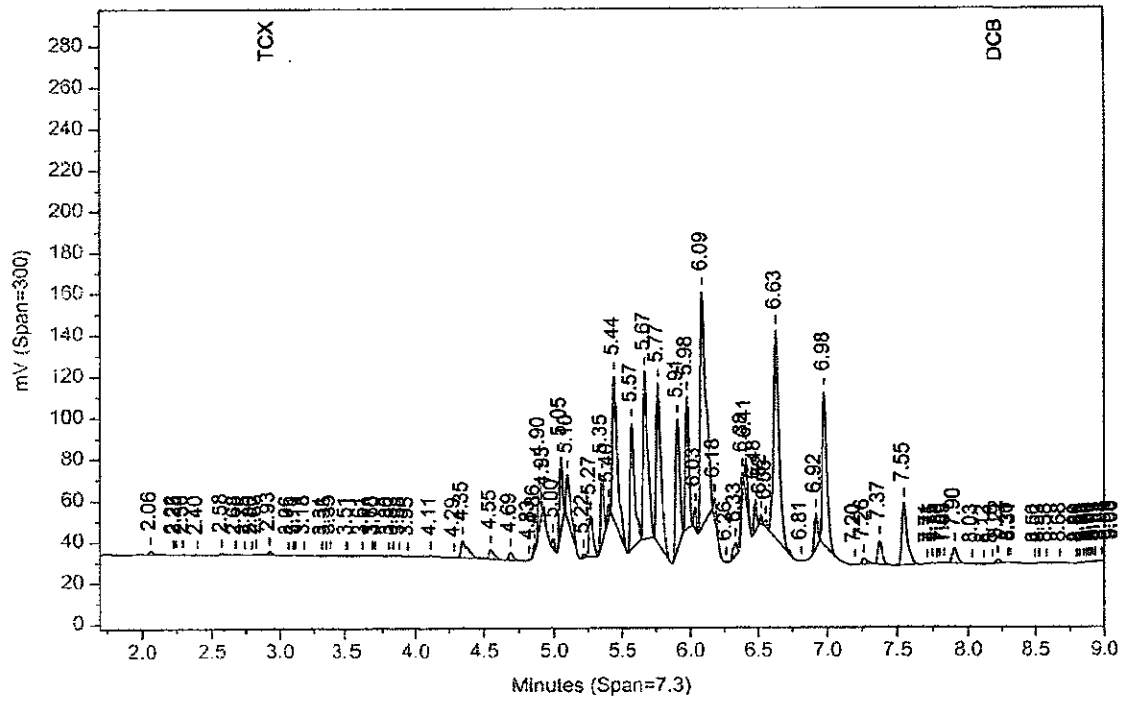

Multiple Component Data Summary

Sample Name: 5454443 ACF AMS28 Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 23:37:14
Instrument H2601A
Result file 8P2235.56R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 97.0% Conc: 9.677775
%SSR(DCB) 104.4% Conc: 10.45810

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**29.82**	
6.03	6.07	6.09	14174.83300	67.252101			1
6.14	6.17	6.20	41636.14843	97.008101			2
6.41	6.44	6.47	69618.77343	138.706136			3
6.68	6.71	6.74	85611.24218	157.242783			4
6.77	6.80	6.83	27975.69921	92.749074			5
6.98	7.01	7.04	44367.18359	134.961071			6

Height summation: **283383.879885**
Concentration CF: **114.653211** L:

Analysis Report (B)

Injected on Sep 04, 2008 23:37:14
Instrument H2601B
Result file 8P2235B.56R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 97.5% Conc: 9.723787
%SSR(DCB) 101.4% Conc: 10.15754

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**30.52**	
5.43	5.45	5.49	51725.35156	191.427764			1
5.54	5.57	5.60	66326.1875	91.950822			2
5.74	5.77	5.80	96214.90625	114.421168			3
6.06	6.09	6.12	91337.03125	161.653784			4
6.35	6.38	6.41	64397.43359	100.768994			5
7.51	7.54	7.57	50964.98828	110.529719			6

Height summation: **420965.898438**
Concentration CF: **128.458709** L:

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	B	128.458709	17	3.3	E	11.36	4	40	

Units: ug/kg

9-8-08

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-8-08
Verified By: [signature] Date: 9.8.08

ASX05 0616

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454443** ACF AMS28 Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 23:37:14
Instrument : CP02--H2601A
Result file : 8P2235.56R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 97% Conc.: 9.677779
%SSR(DCB) : 104.4% Conc.: 10.458106

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	172.27	
3.73	3.76	3.79	101.978981	0.503179			1
4.26	4.30	4.32	708.964172	2.839173			2
4.71	4.76	4.77	415.334229	1.812958			4
5.14	5.18	5.20	800.609985	4.440994			5
5.38	5.41	5.44	8154.249023	42.083666			6
Height Summation:			**10181.136390**				
Amount Avg CF:			**10.335994**	Linear:			
Aroclor-1221					3	161.04	
3.56	3.59	3.62	36.544991	0.339511			1
3.65	3.67	3.71	1187.939209	14.126997			2
3.72	3.76	3.78	101.978981	0.354463			3
Height Summation:			**1326.463181**				
Amount Avg CF:			**4.940324**	Linear:			
Aroclor-1232					5	212.10	
3.72	3.76	3.78	101.978981	0.428771			1
4.26	4.30	4.32	708.964172	5.922842			2
4.70	4.76	4.76	415.334229	3.9026			4
+ 5.13	5.14	5.19	207.857117	2.458247			5
5.13	5.18	5.19	800.609985	9.468511			5
E 5.38	5.41	5.44	8154.249023	458.361384			6
Height Summation:			**10181.136390**				
Amount Avg CF:			**95.616822**	Linear:			
Aroclor-1242					5	205.50	
3.73	3.76	3.79	101.978981	0.602019			1
4.26	4.30	4.32	708.964172	3.541456			2
4.71	4.76	4.77	415.334229	2.317649			4
5.14	5.18	5.20	800.609985	5.379901			5
E 5.38	5.41	5.44	8154.249023	170.359324			6
Height Summation:			**10181.136390**				
Amount Avg CF:			**36.44007**	Linear:			
Aroclor-1248					5	108.83	
5.01	5.05	5.07	323.728485	1.081515			2
5.44	5.47	5.50	1711.653442	9.475579			3
5.62	5.64	5.68	14537.90039	46.80131			4
5.96	6.00	6.02	24467.22265	149.16928			5
6.26	6.29	6.32	22975.19140	198.03468			6
Height Summation:			**64015.696380**				
Amount Avg CF:			**80.912473**	Linear:			
Aroclor-1254					6	89.03	
4.82	4.85	4.88	736.274841	3.185657			1
5.61	5.64	5.67	14537.90039	37.897842			2
5.96	6.00	6.02	24467.22265	44.957978			3
6.26	6.29	6.32	22975.19140	55.438345			4
6.52	6.56	6.58	35086.21484	124.620254			5
6.68	6.71	6.74	85611.24218	184.63456			6
Height Summation:			**183414.046326**				
Amount Avg CF:			**75.055773**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 23:37:14
Instrument : CP02--H2601B
Result file : 8P2235B.56R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 97.5% Conc.: 9.723787
%SSR(DCB) : 101.4% Conc.: 10.157544

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	87.39	
3.32	3.35	3.38	-209.505615	-0.55646			1
3.65	3.67	3.71	461.664978	0.818011			2
3.84	3.89	3.90	839.445679	1.971424			3
4.35	4.35	4.41	1319.610352	5.186878			5
+ 4.35	4.38	4.41	520.6297	2.046394			5
4.35	4.41	4.41	812.77948	3.194722			5
4.66	4.69	4.72	1460.961792	4.601008			6
Height Summation:			**4684.956666**				
Amount Avg CF:			**2.535931**	Linear:			
Aroclor-1221					3	143.56	
3.14	3.18	3.20	515.305481	2.454186			1
3.23	3.25	3.29	2206.246582	14.64242			2
3.32	3.35	3.38	-209.505615	-0.400707			3
Height Summation:			**2512.046448**				
Amount Avg CF:			**5.5653**	Linear:			
Aroclor-1232					5	97.37	
3.32	3.35	3.38	-209.505615	-0.483523			1
3.65	3.67	3.71	461.664978	1.541118			2
3.83	3.89	3.89	839.445679	4.019179			3
4.34	4.35	4.40	1319.610352	11.082643			5
+ 4.34	4.38	4.40	520.6297	4.372467			5
+ 4.65	4.65	4.71	113.017242	0.703172			6
4.65	4.69	4.71	1460.961792	9.089823			6
Height Summation:			**3872.177186**				
Amount Avg CF:			**5.049848**	Linear:			
Aroclor-1242					5	101.80	
3.32	3.35	3.38	-209.505615	-0.666112			1
3.65	3.67	3.71	461.664978	1.033016			2
3.84	3.89	3.90	839.445679	2.432224			3
4.35	4.35	4.41	1319.610352	6.246381			5
+ 4.35	4.38	4.41	520.6297	2.464403			5
4.66	4.69	4.72	1460.961792	6.304858			6
Height Summation:			**3872.177186**				
Amount Avg CF:			**3.070073**	Linear:			
Aroclor-1248					6	122.77	
4.14	4.15	4.20	356.309021	3.325894			1
+ 4.14	4.17	4.20	354.297668	3.30712			1
+ 4.35	4.38	4.41	520.6297	1.837541			2
4.35	4.41	4.41	812.77948	2.868671			2
4.52	4.55	4.58	1416.188232	2.866532			3
4.66	4.69	4.72	1460.961792	4.154487			4
4.87	4.90	4.93	17734.80664	43.093447			5
5.07	5.10	5.13	9210.917969	37.665164			6
Height Summation:			**30991.963135**				
Amount Avg CF:			**15.662366**	Linear:			

ASX85 8617

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:45:11

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454443** ACF AMS28 Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 23:37:14
Instrument : CP02--H2601A
Result file : 8P2235.56R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	29.82	
6.03	6.07	6.09	14174.83300	67.252101			1
6.14	6.17	6.20	41636.14843	97.008101			2
6.41	6.44	6.47	69618.77343	138.706136			3
6.68	6.71	6.74	85611.24218	157.242783			4
6.77	6.80	6.83	27975.69921	92.749074			5
6.98	7.01	7.04	44367.18359	134.961071			6
Height Summation:			**283383.879885**				
Amount Avg CF:			**114.653211**	Linear:			
Aroclor-1262					6	55.34	
6.03	6.07	6.09	14174.83300	57.011527			1
6.13	6.17	6.19	41636.14843	106.334671			2
6.40	6.44	6.46	69618.77343	161.836304			3
6.67	6.71	6.73	85611.24218	220.52806			4
6.76	6.80	6.82	27975.69921	52.824126			5
6.98	7.01	7.04	44367.18359	101.025216			6
Height Summation:			**283383.879885**				
Amount Avg CF:			**116.593317**	Linear:			
Aroclor-1268					5	77.25	
6.76	6.80	6.82	27975.69921	118.225596			1
7.00	7.01	7.06	44367.18359	154.580872			2
7.66	7.70	7.72	56023.83203	49.952496			3
8.01	8.04	8.07	860.34967	0.929827			4
8.51	8.55	8.57	23862.41406	64.511074			6
Height Summation:			**153089.478577**				
Amount Avg CF:			**77.639973**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 23:37:14
Instrument : CP02--H2601B
Result file : 8P2235B.56R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					6	63.89	
5.24	5.27	5.30	6725.45166	23.642032			1
5.32	5.35	5.38	15203.14941	29.773688			2
5.41	5.45	5.47	51725.35156	55.682053			3
5.64	5.67	5.70	22795.11328	34.856521			4
5.94	5.98	6.00	30801.42968	81.150742			5
6.05	6.09	6.11	91337.03125	118.277622			6
Height Summation:			**218587.526856**				
Amount Avg CF:			**57.230273**	Linear:			
Aroclor-1260					6	30.52	
5.43	5.45	5.49	51725.35156	191.427764			1
5.54	5.57	5.60	66326.1875	91.950822			2
5.74	5.77	5.80	96214.90625	114.421168			3
6.06	6.09	6.12	91337.03125	161.653784			4
6.35	6.38	6.41	64397.43359	100.768994			5
7.51	7.54	7.57	50964.98828	110.529719			6
Height Summation:			**420965.898438**				
Amount Avg CF:			**128.458709**	Linear:			
Aroclor-1262					6	97.53	
E 6.05	6.09	6.11	91337.03125	296.763671			1
6.14	6.18	6.20	20037.02734	79.174954			2
6.44	6.48	6.50	27146.68945	73.611267			3
6.88	6.92	6.94	28478.76367	41.76936			4
7.34	7.37	7.40	19692.71679	68.341964			5
7.86	7.90	7.92	13457.09472	41.179923			6
Height Summation:			**200149.323243**				
Amount Avg CF:			**100.14019**	Linear:			
Aroclor-1268					6	161.50	
6.10	6.12	6.16	18858.63476	46.311157			1
6.35	6.38	6.41	64397.43359	124.294943			2
E 6.60	6.63	6.66	170626.7968	756.050989			3
6.94	6.97	7.00	121502.8671	71.719107			4
7.16	7.20	7.22	1739.433228	1.01118			5
7.51	7.54	7.57	50964.98828	64.357144			6
Height Summation:			**428090.153932**				
Amount Avg CF:			**177.290753**	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		** 121.19	4	15	
Aroclor-1221			17	5.2		11.90	3	5	
Aroclor-1232			17	3.3	E	** 179.93	4	10	
Aroclor-1242			17	3.3	E	** 168.92	4	30	
Aroclor-1248			17	3.3		** 135.13	4	30	
Aroclor-1254			17	3.3		26.95	4	40	
Aroclor-1260			17	3.3		11.36	4	40	
Aroclor-1262			0	0		15.18	4	40	
Aroclor-1268			0	0		** 78.18	4	40	

Units: _____

ASX05 0618

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:45:11

Sample Name: **5454443ACF ABAMS28 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/4/08 11:47:14pm 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\8P2235.56R**
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	2.055		0.0000	0.000	270.2	0.012	BB	0.022	203.09	0.022
2	2.093		0.0000	0.000	168.3	0.008	BB	0.023	123.32	0.013
3	2.164		0.0000	0.000	190.6	0.009	BB	0.035	89.80	0.010
4	2.211		0.0000	0.000	24954.6	1.137	BB	0.033	12472.84	1.345
5	2.304		0.0000	0.000	4960.6	0.226	BB	0.041	2012.49	0.217
6	2.408		0.0000	0.000	145.8	0.007	BB	0.029	84.56	0.009
7	2.439		0.0000	0.000	1040.9	0.047	BB	0.028	612.63	0.066
8	2.542		0.0000	0.000	1263.2	0.058	BB	0.042	499.63	0.054
9	2.642		0.0000	0.000	285.8	0.013	BB	0.034	139.35	0.015
10	2.693		0.0000	0.000	34.0	0.002	BB	0.024	23.35	0.003
11	2.844		0.0000	0.000	669.7	0.031	BB	0.074	150.09	0.016
12	2.933		0.0000	0.000	4681.4	0.213	BB	0.034	2300.15	0.248
13	3.080		0.0000	0.000	1387.3	0.063	BB	0.060	387.37	0.042
14	3.158		0.0000	0.000	17898.3	0.816	BB	0.027	10910.74	1.176
15	3.355	TCX	290.3334	48.062	189092.9	8.617	BB	0.034	92579.23	9.981
16	3.530		0.0000	0.000	193.1	0.009	BB	0.024	133.08	0.014
17	3.593		0.0000	0.000	40.9	0.002	BB	0.019	36.54	0.004
18	3.669		0.0000	0.000	2421.1	0.110	BB	0.034	1187.94	0.128
19	3.763		0.0000	0.000	186.6	0.009	BB	0.030	101.98	0.011
20	3.841		0.0000	0.000	6567.2	0.299	BB	0.039	2774.18	0.299
21	4.018		0.0000	0.000	352.9	0.016	BB	0.044	134.47	0.014
22	4.114		0.0000	0.000	433.1	0.020	BB	0.060	121.03	0.013
23	4.189		0.0000	0.000	550.1	0.025	BB	0.042	218.04	0.024
24	4.297		0.0000	0.000	1871.3	0.085	BB	0.044	708.96	0.076
25	4.379		0.0000	0.000	109.3	0.005	BB	0.021	85.33	0.009
26	4.419		0.0000	0.000	482.9	0.022	BB	0.037	216.11	0.023
27	4.532		0.0000	0.000	5838.3	0.266	BB	0.025	3920.13	0.423
28	4.654		0.0000	0.000	270.2	0.012	BB	0.027	169.06	0.018
29	4.756		0.0000	0.000	1446.9	0.066	BB	0.058	415.33	0.045
30	4.854		0.0000	0.000	1197.1	0.055	BB	0.027	736.27	0.079
31	4.886		0.0000	0.000	49.7	0.002	BB	0.014	60.54	0.007
32	4.924		0.0000	0.000	1618.3	0.074	BB	0.041	660.47	0.071
33	5.051		0.0000	0.000	773.7	0.035	BB	0.040	323.73	0.035
34	5.135		0.0000	0.000	705.6	0.032	BB	0.057	207.86	0.022
35	5.177		0.0000	0.000	1736.3	0.079	BB	0.036	800.61	0.086
36	5.249		0.0000	0.000	178.6	0.008	BB	0.022	134.48	0.014
37	5.282		0.0000	0.000	52.1	0.002	BB	0.014	61.20	0.007
38	5.318		0.0000	0.000	149.8	0.007	BB	0.018	136.25	0.015
39	5.360		0.0000	0.000	305.6	0.014	BB	0.025	207.00	0.022
40	5.415		0.0000	0.000	17553.2	0.800	BB	0.036	8154.25	0.879
41	5.473		0.0000	0.000	2254.4	0.103	BB	0.022	1711.65	0.185
42	5.583		0.0000	0.000	3340.4	0.152	BB	0.026	2157.43	0.233
43	5.644		0.0000	0.000	25709.9	1.172	BB	0.029	14537.90	1.567
44	5.687		0.0000	0.000	4693.5	0.214	BB	0.022	3479.28	0.375
45	5.746		0.0000	0.000	31944.8	1.456	BB	0.024	21959.81	2.367
46	5.841		0.0000	0.000	8329.0	0.380	BB	0.032	4398.77	0.474
47	5.921		0.0000	0.000	33011.0	1.504	BB	0.050	10937.24	1.179
48	5.997		0.0000	0.000	44770.1	2.040	BB	0.030	24467.22	2.638
49	6.068		0.0000	0.000	45549.2	2.076	BB	0.054	14174.83	1.528
50	6.170		0.0000	0.000	97827.0	4.458	BB	0.039	41636.15	4.489
51	6.290		0.0000	0.000	49725.1	2.266	BB	0.036	22975.19	2.477
52	6.370		0.0000	0.000	16592.0	0.756	BB	0.030	9373.67	1.011
53	6.443		0.0000	0.000	193237.8	8.806	BB	0.046	69618.77	7.506
54	6.556		0.0000	0.000	74583.5	3.399	BB	0.035	35086.21	3.783
55	6.662		0.0000	0.000	6263.6	0.285	BB	0.026	3950.52	0.426
56	6.711		0.0000	0.000	198323.3	9.038	BB	0.039	85611.24	9.230
57	6.799		0.0000	0.000	46459.9	2.117	BB	0.028	27975.70	3.016
58	6.855		0.0000	0.000	25529.3	1.163	BB	0.029	14917.82	1.608
59	7.014		0.0000	0.000	126817.9	5.779	BB	0.048	44367.18	4.783
60	7.095		0.0000	0.000	26673.5	1.216	BB	0.029	15319.95	1.652
61	7.148		0.0000	0.000	10003.3	0.456	BB	0.025	6560.71	0.707
62	7.277		0.0000	0.000	31768.2	1.448	BB	0.037	14380.38	1.550

ASX05 0619

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.364		0.0000	0.000	253895.7	11.571	BB	0.042	101532.50	10.946
64	7.531		0.0000	0.000	1606.2	0.073	BB	0.038	707.75	0.076
65	7.699		0.0000	0.000	123791.4	5.641	BB	0.037	56023.83	6.040
66	7.793		0.0000	0.000	24553.1	1.119	BB	0.037	11088.10	1.195
67	7.932		0.0000	0.000	265.4	0.012	BB	0.023	191.71	0.021
68	8.000		0.0000	0.000	59.7	0.003	BB	0.030	32.70	0.004
69	8.044		0.0000	0.000	2037.3	0.093	BB	0.039	860.35	0.093
70	8.207		0.0000	0.000	33469.4	1.525	BB	0.051	10983.48	1.184
71	8.339		0.0000	0.000	999.2	0.046	BB	0.055	304.45	0.033
72	8.552		0.0000	0.000	64762.1	2.951	BB	0.045	23862.41	2.573
73	8.654		0.0000	0.000	3257.3	0.148	BB	0.036	1494.77	0.161
74	8.750		0.0000	0.000	231.6	0.011	BB	0.033	118.75	0.013
75	8.839		0.0000	0.000	312.7	0.014	BB	0.048	109.60	0.012
76	8.926		0.0000	0.000	162.6	0.007	BB	0.045	60.34	0.007
77	9.035		0.0000	0.000	13313.8	0.607	BB	0.042	5300.16	0.571
78	9.103		0.0000	0.000	915.3	0.042	BB	0.029	530.92	0.057
79	9.179		0.0000	0.000	202.2	0.009	BB	0.027	124.86	0.013
80	9.339		0.0000	0.000	99.8	0.005	BB	0.038	43.35	0.005
81	9.426	DCB	313.7432	51.938	242474.9	11.050	BB	0.056	71730.65	7.733
82	9.932		0.0000	0.000	32363.8	1.475	BB	0.063	8561.15	0.923

Total Area = 2194308.0, Total Amount = 604.077, Total Height = 927553.1, Sample Units = ug/l

ASX85 0620

Sample Name: **5454443ACF ABAMS28 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/4/08 11:47:14pm 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\8P2235B.56R**
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	9429.9	0.282	BB	0.045	3519.93	0.239
2	2.236		0.0000	0.000	9335.6	0.279	BB	0.102	1522.03	0.103
3	2.486		0.0000	0.000	355.4	0.011	BB	0.025	237.70	0.016
4	2.527		0.0000	0.000	264.2	0.008	BB	0.012	363.05	0.025
5	2.575		0.0000	0.000	8266.7	0.247	BB	0.032	4280.24	0.291
6	2.677		0.0000	0.000	3121.7	0.093	BB	0.059	880.50	0.060
7	2.793		0.0000	0.000	1039.0	0.031	BB	0.041	427.40	0.029
8	2.881		0.0000	0.000	202.6	0.006	BB	0.011	315.20	0.021
9	2.928	TCX	291.7136	48.909	333800.1	9.967	BB	0.036	155405.30	10.567
10	3.023		0.0000	0.000	21220.5	0.634	BB	0.023	15412.23	1.048
11	3.100		0.0000	0.000	103.9	0.003	BB	0.011	163.91	0.011
12	3.127		0.0000	0.000	317.1	0.009	BB	0.017	317.34	0.022
13	3.177		0.0000	0.000	614.3	0.018	BB	0.020	515.31	0.035
14	3.254		0.0000	0.000	4799.2	0.143	BB	0.036	2206.25	0.150
15	3.350		0.0000	0.000	12.2	0.000	N	-0.001	- 209.51	0.014
16	3.387		0.0000	0.000	13388.5	0.400	BB	0.035	6285.83	0.427
17	3.521		0.0000	0.000	218.0	0.007	BB	0.019	186.58	0.013
18	3.583		0.0000	0.000	435.1	0.013	BB	0.018	403.15	0.027
19	3.644		0.0000	0.000	414.4	0.012	BB	0.021	326.82	0.022
20	3.671		0.0000	0.000	1277.4	0.038	BB	0.046	461.66	0.031
21	3.760		0.0000	0.000	172.8	0.005	BB	0.010	278.41	0.019
22	3.820		0.0000	0.000	3360.0	0.100	BB	0.046	1207.22	0.082
23	3.887		0.0000	0.000	1323.9	0.040	BB	0.026	839.45	0.057
24	3.996		0.0000	0.000	196.4	0.006	BB	0.024	138.41	0.009
25	4.023		0.0000	0.000	1173.6	0.035	BB	0.019	1018.38	0.069
26	4.154		0.0000	0.000	1069.5	0.032	BB	0.050	356.31	0.024
27	4.173		0.0000	0.000	295.5	0.009	BB	0.014	354.30	0.024
28	4.202		0.0000	0.000	82.7	0.002	BB	0.009	158.09	0.011
29	4.236		0.0000	0.000	1376.0	0.041	BB	0.035	659.15	0.045
30	4.287		0.0000	0.000	444.3	0.013	BB	0.016	452.72	0.031
31	4.351		0.0000	0.000	1981.0	0.059	BB	0.025	1319.61	0.090
32	4.377		0.0000	0.000	339.5	0.010	BB	0.011	520.63	0.035
33	4.409		0.0000	0.000	1304.2	0.039	BB	0.027	812.78	0.055
34	4.553		0.0000	0.000	4708.9	0.141	BB	0.055	1416.19	0.096
35	4.655		0.0000	0.000	247.5	0.007	BB	0.037	113.02	0.008
36	4.691		0.0000	0.000	3304.4	0.099	BB	0.038	1460.96	0.099
37	4.770		0.0000	0.000	952.8	0.028	BB	0.028	559.55	0.038
38	4.818		0.0000	0.000	194.1	0.006	BB	0.010	340.34	0.023
39	4.864		0.0000	0.000	920.2	0.027	BB	0.021	733.27	0.050
40	4.900		0.0000	0.000	42848.4	1.279	BB	0.040	17734.81	1.206
41	4.994		0.0000	0.000	4461.6	0.133	BB	0.022	3379.49	0.230
42	5.052		0.0000	0.000	37067.4	1.107	BB	0.028	22152.82	1.506
43	5.098		0.0000	0.000	18665.2	0.557	BB	0.034	9210.92	0.626
44	5.219		0.0000	0.000	1673.1	0.050	BB	0.023	1211.86	0.082
45	5.269		0.0000	0.000	10957.1	0.327	BB	0.027	6725.45	0.457
46	5.306		0.0000	0.000	1714.9	0.051	BB	0.015	1933.13	0.131
47	5.351		0.0000	0.000	22517.5	0.672	BB	0.025	15203.15	1.034
48	5.451		0.0000	0.000	186940.3	5.582	BB	0.060	51725.35	3.517
49	5.535		0.0000	0.000	1303.6	0.039	BB	0.011	1891.76	0.129
50	5.574		0.0000	0.000	145290.2	4.338	BB	0.037	66326.19	4.510
51	5.671		0.0000	0.000	28993.5	0.866	BB	0.021	22795.11	1.550
52	5.705		0.0000	0.000	17206.6	0.514	BB	0.023	12568.49	0.855
53	5.767		0.0000	0.000	227793.5	6.802	BB	0.039	96214.91	6.542
54	5.910		0.0000	0.000	159286.6	4.756	BB	0.034	78173.90	5.315
55	5.977		0.0000	0.000	48815.8	1.458	BB	0.026	30801.43	2.094
56	6.035		0.0000	0.000	23890.4	0.713	BB	0.023	17094.76	1.162
57	6.087		0.0000	0.000	155816.8	4.653	BB	0.028	91337.03	6.210
58	6.124		0.0000	0.000	25796.9	0.770	BB	0.023	18858.63	1.282
59	6.176		0.0000	0.000	28144.3	0.840	BB	0.023	20037.03	1.362
60	6.277		0.0000	0.000	315.8	0.009	BB	0.025	212.65	0.014
61	6.313		0.0000	0.000	25089.6	0.749	BB	0.039	10701.39	0.728
62	6.381		0.0000	0.000	182981.5	5.464	BB	0.047	64397.43	4.379

ASX05 0621

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.479		0.0000	0.000	44245.3	1.321	BB	0.027	27146.69	1.846
64	6.522		0.0000	0.000	8178.2	0.244	BB	0.018	7568.95	0.515
65	6.558		0.0000	0.000	8856.6	0.264	BB	0.020	7384.09	0.502
66	6.632		0.0000	0.000	430587.5	12.857	BB	0.042	170626.80	11.602
67	6.915		0.0000	0.000	47989.2	1.433	BB	0.028	28478.76	1.936
68	6.975		0.0000	0.000	284490.4	8.495	BB	0.039	121502.90	8.262
69	7.195		0.0000	0.000	3563.0	0.106	BB	0.034	1739.43	0.118
70	7.254		0.0000	0.000	14621.0	0.437	BB	0.052	4652.42	0.316
71	7.372		0.0000	0.000	50226.2	1.500	BB	0.043	19692.72	1.339
72	7.542		0.0000	0.000	134187.9	4.007	BB	0.044	50964.99	3.465
73	7.748		0.0000	0.000	986.2	0.029	BB	0.043	383.90	0.026
74	7.790		0.0000	0.000	184.4	0.006	BB	0.016	197.02	0.013
75	7.833		0.0000	0.000	243.8	0.007	BB	0.012	326.97	0.022
76	7.853		0.0000	0.000	91.9	0.003	BB	0.005	337.96	0.023
77	7.897		0.0000	0.000	37154.0	1.109	BB	0.046	13457.09	0.915
78	8.120		0.0000	0.000	141.2	0.004	BB	0.009	259.22	0.018
79	8.139		0.0000	0.000	93.4	0.003	BB	0.006	271.87	0.018
80	8.160		0.0000	0.000	165.1	0.005	BB	0.013	214.52	0.015
81	8.219	DCB	304.7263	51.091	422993.1	12.630	BB	0.050	140152.20	9.530
82	8.487		0.0000	0.000	81.6	0.002	BB	0.007	184.97	0.013
83	8.510		0.0000	0.000	400.5	0.012	BB	0.018	381.18	0.026
84	8.547		0.0000	0.000	1250.7	0.037	BB	0.056	373.90	0.025
85	8.697		0.0000	0.000	2390.0	0.071	BB	0.065	616.52	0.042
86	8.841		0.0000	0.000	865.2	0.026	BB	0.040	364.04	0.025
87	8.947		0.0000	0.000	12033.4	0.359	BB	0.180	1113.23	0.076
88	9.184		0.0000	0.000	1847.8	0.055	BB	0.057	543.33	0.037
89	9.317		0.0000	0.000	349.7	0.010	BB	0.015	388.34	0.026
90	9.342		0.0000	0.000	451.7	0.013	BB	0.018	422.06	0.029
91	9.477		0.0000	0.000	473.9	0.014	BB	0.025	313.85	0.021
92	9.573		0.0000	0.000	475.3	0.014	BB	0.023	351.17	0.024
93	9.603		0.0000	0.000	258.9	0.008	BB	0.013	321.10	0.022
94	9.634		0.0000	0.000	347.2	0.010	BB	0.015	378.06	0.026
95	9.665		0.0000	0.000	3039.3	0.091	BB	0.231	218.90	0.015
96	9.921		0.0000	0.000	5356.3	0.160	BB	0.036	2501.86	0.170
97	9.953		0.0000	0.000	756.7	0.023	BB	0.029	429.86	0.029

Total Area = 3349011.0, Total Amount = 596.44, Total Height = 1470708.0, Sample Units = ug/l

ASX05 0622

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.56R

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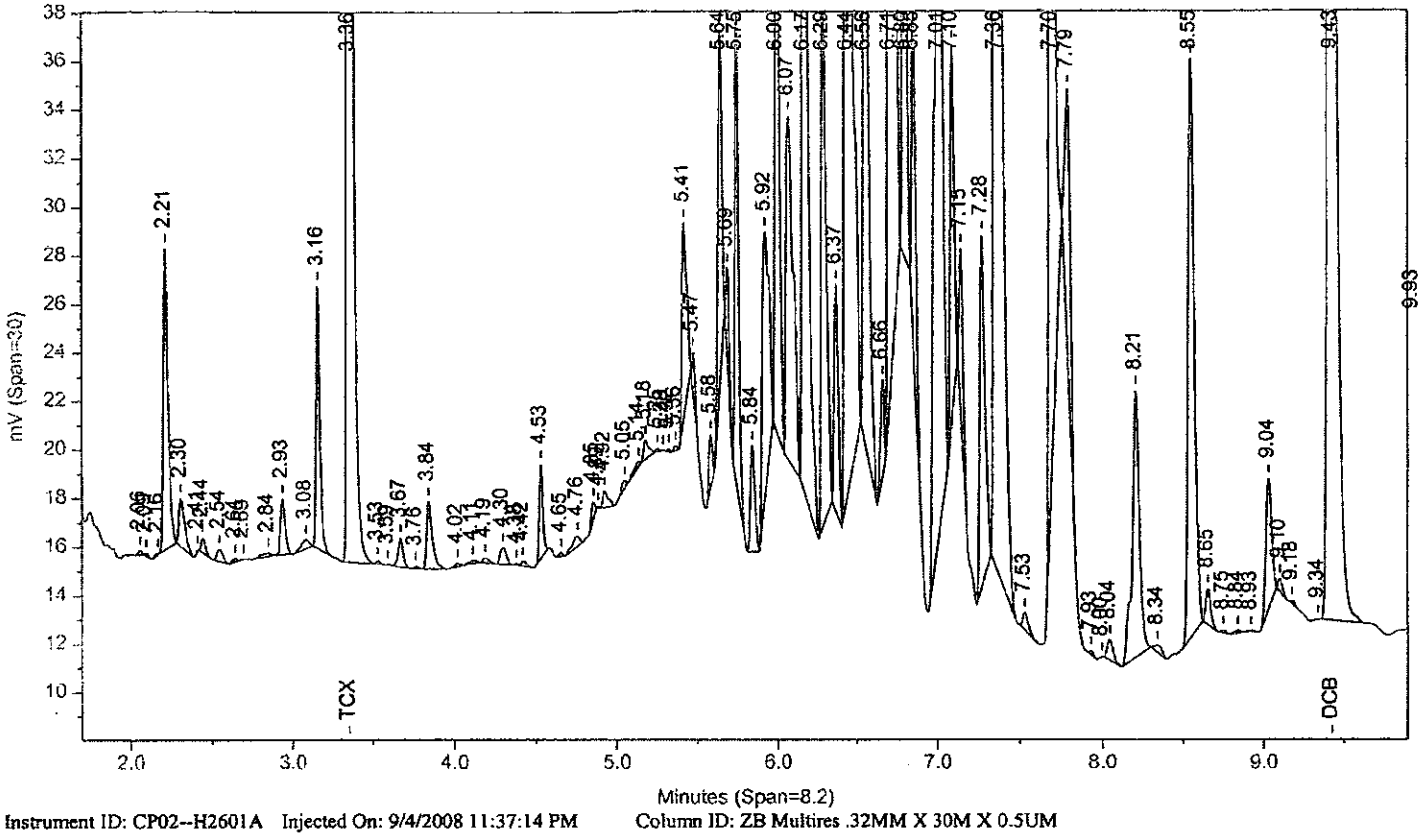

Instrument ID: CP02--H2601A Injected On: 9/4/2008 11:37:14 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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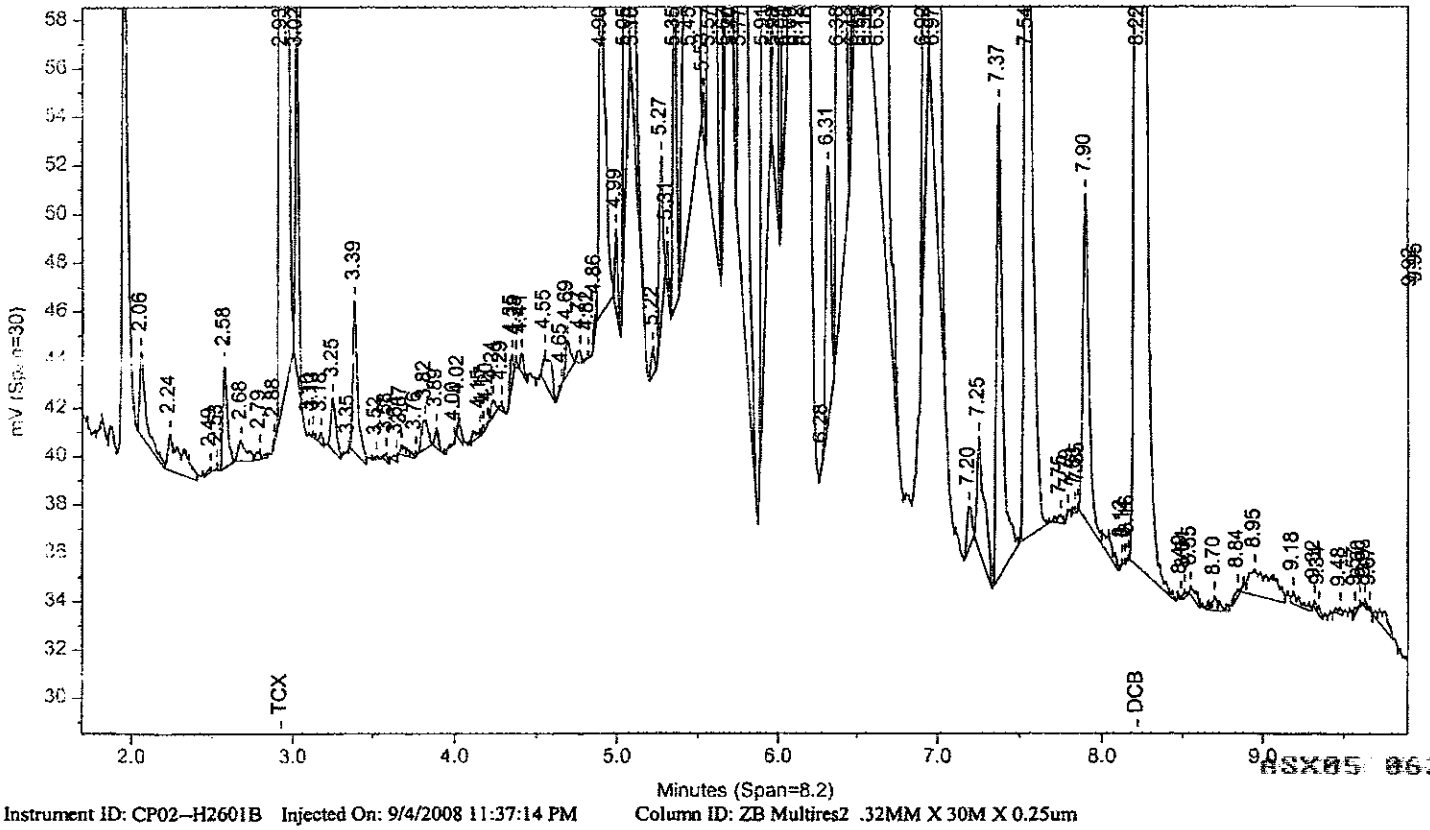

Instrument ID: CP02--H2601B Injected On: 9/4/2008 11:37:14 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 10

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	92579	9.67778	TCX	2.928	155405	9.72379	TCX
9.426	71731	10.45811	DCB	8.219	140152	10.15754	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.56A
Area File: C:\CPWIN\DATA1\8P2235B.56A
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: 9/4/2008 11:47:18 PM
File Reported On: 9/4/2008 at 11:47:24 PM

10X REPLOTS

ASX05 8624

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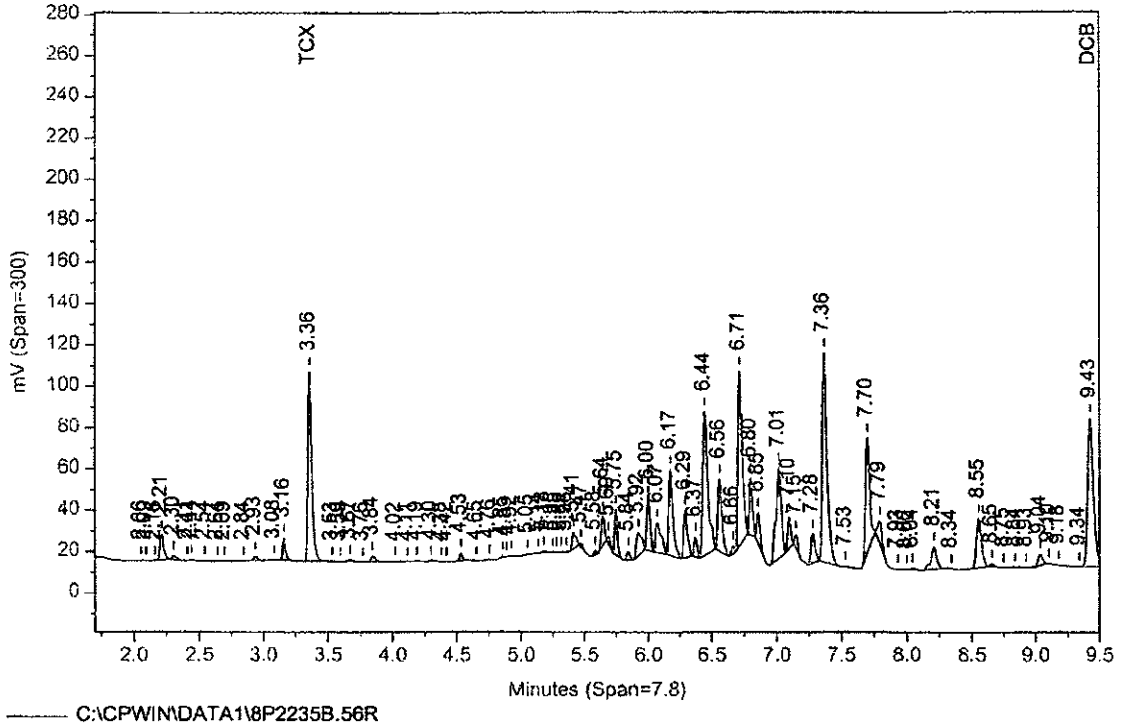

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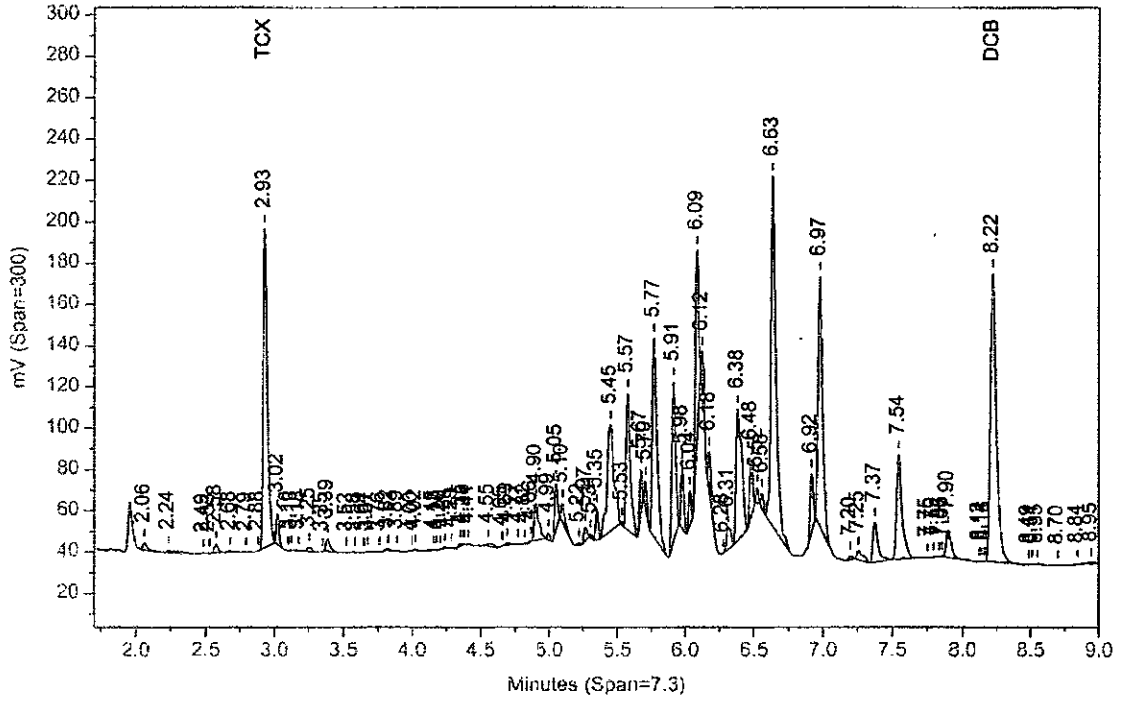

ASX85 0625

Multiple Component Data Summary

Sample Name: 5454444 ACF DF100 AMS32 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 23:51:38
Instrument H2601A
Result file 8P2235.57R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 75.8% Conc: 7.558876
%SSR(DCB) 87.9% Conc: 8.806603

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**22.37**	
6.03	6.07	6.09	15855.679681	7522.683174			1
6.14	6.17	6.20	40986.394537	9549.423846			2
6.41	6.44	6.47	64579.824215	12866.670057			3
6.68	6.71	6.74	72197.398431	13260.548014			4
6.77	6.80	6.83	26646.236321	8834.144707			5
6.98	7.01	7.04	40517.96875	12325.209831			6

Height summation: **260783.501954**
Concentration CF: **10726.446605** L:

Analysis Report (B)

Injected on Sep 04, 2008 23:51:38
Instrument H2601B
Result file 8P2235B.57R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 110.5% Conc: 11.02462
%SSR(DCB) 115.5% Conc: 11.57086

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**13.38**	
5.43	5.46	5.49	29134.783201	10782.346059			1
5.54	5.57	5.60	69625.960931	9652.543847			2
5.74	5.77	5.80	94671.539065	11258.575687			3
6.06	6.09	6.12	77183.09375	13660.329206			4
6.35	6.38	6.41	63475.242181	9932.595091			5
7.51	7.54	7.57	47247.640621	10246.776523			6

Height summation: **381338.259767**
Concentration CF: **10922.194402** 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	B	10922.194402	1700	330		1.81	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 0626

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454444** ACF DF100 AMS32 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 23:51:38
Instrument : CP02--H2601A
Result file : 8P2235.57R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 75.8% Conc.: 7.558876
%SSR(DCB) : 87.9% Conc.: 8.806603

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	181.48	
4.55	4.57	4.61	184.044632	33.033916			3
4.71	4.74	4.77	110.217552	48.110607			4
5.14	5.17	5.20	495.443329	274.823066			5
5.38	5.41	5.44	9129.572266	4711.726021			6
Height Summation:			**9919.277779**				
Amount Avg CF:			**1266.923403**	Linear:			
Aroclor-1232					4	196.13	
4.55	4.57	4.61	184.044632	67.716994			3
4.70	4.74	4.76	110.217552	103.563591			4
5.13	5.17	5.19	495.443329	585.942084			5
E 5.38	5.41	5.44	9129.572266	51318.562485			6
Height Summation:			**9919.277779**				
Amount Avg CF:			**13018.946289**	Linear:			
Aroclor-1242					4	194.06	
4.55	4.57	4.61	184.044632	41.719286			3
4.71	4.74	4.77	110.217552	61.503614			4
5.14	5.17	5.20	495.443329	332.925665			5
E 5.38	5.41	5.44	9129.572266	19073.586683			6
Height Summation:			**9919.277779**				
Amount Avg CF:			**4877.433812**	Linear:			
Aroclor-1248					4	82.15	
4.55	4.57	4.61	184.044632	66.124232			1
5.62	5.64	5.68	16190.21582	5212.054662			4
5.96	6.00	6.02	15380.5625	9377.065257			5
6.26	6.29	6.32	15884.85253	13691.949851			6
Height Summation:			**47639.675491**				
Amount Avg CF:			**7086.798501**	Linear:			
Aroclor-1254					6	92.29	
4.82	4.85	4.88	659.554199	285.37083			1
5.61	5.64	5.67	16190.21582	4220.514875			2
5.96	6.00	6.02	15380.5625	2800.999454			3
6.26	6.29	6.32	15884.85253	3832.960178			4
6.52	6.56	6.58	25963.36914	9221.746109			5
6.68	6.71	6.74	72197.39843	15570.542586			6
Height Summation:			**146275.952637**				
Amount Avg CF:			**5988.689005**	Linear:			
Aroclor-1260					6	22.37	
6.03	6.07	6.09	15855.67968	7522.683174			1
6.14	6.17	6.20	40986.39453	9549.423846			2
6.41	6.44	6.47	64579.82421	12866.670057			3
6.68	6.71	6.74	72197.39843	13260.548014			4
6.77	6.80	6.83	26646.23632	8834.144707			5
6.98	7.01	7.04	40517.96875	12325.209831			6
Height Summation:			**260783.501954**				
Amount Avg CF:			**10726.446605**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 23:51:38
Instrument : CP02--H2601B
Result file : 8P2235B.57R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 110.5% Conc.: 11.024629
%SSR(DCB) : 115.5% Conc.: 11.570867

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	85.97	
3.32	3.33	3.38	229.662903	60.999929			1
+ 3.32	3.35	3.38	119.944611	31.858052			1
3.32	3.38	3.38	1335.769775	354.788956			1
+ 3.65	3.66	3.71	268.208069	47.523024			2
3.65	3.70	3.71	360.449188	63.866966			2
3.84	3.86	3.90	371.912262	87.34296			3
4.08	4.14	4.14	612.266541	64.19895			4
4.66	4.69	4.72	878.373779	276.626324			6
Height Summation:			**3788.434448**				
Amount Avg CF:			**151.304014**	Linear:			
Aroclor-1221					4	65.36	
3.14	3.17	3.20	283.581818	135.058255			1
3.23	3.28	3.29	162.384445	107.771326			2
3.32	3.33	3.38	229.662903	43.926039			3
+ 3.32	3.35	3.38	119.944611	22.940978			3
3.32	3.38	3.38	1335.769775	255.48347			3
Height Summation:			**2011.398941**				
Amount Avg CF:			**135.559773**	Linear:			
Aroclor-1232					4	98.31	
3.32	3.33	3.38	229.662903	53.004432			1
+ 3.32	3.35	3.38	119.944611	27.682294			1
+ 3.65	3.66	3.71	268.208069	89.532512			2
3.65	3.70	3.71	360.449188	120.324199			2
3.83	3.86	3.89	371.912262	178.067731			3
4.65	4.69	4.71	878.373779	546.507251			6
Height Summation:			**1840.398132**				
Amount Avg CF:			**224.475903**	Linear:			
Aroclor-1242					6	86.00	
3.32	3.33	3.38	229.662903	73.020127			1
+ 3.32	3.35	3.38	119.944611	38.135766			1
3.32	3.38	3.38	1335.769775	424.70106			1
+ 3.65	3.66	3.71	268.208069	60.013888			2
3.65	3.70	3.71	360.449188	80.653641			2
3.84	3.86	3.90	371.912262	107.758489			3
4.08	4.14	4.14	612.266541	81.311917			4
4.66	4.69	4.72	878.373779	379.066882			6
Height Summation:			**3788.434448**				
Amount Avg CF:			**191.085353**	Linear:			
Aroclor-1248					4	139.19	
4.52	4.55	4.58	636.461182	128.827239			3
4.66	4.69	4.72	878.373779	249.780122			4
4.87	4.90	4.93	18514.40429	4498.7776			5
5.07	5.09	5.13	2508.782959	1025.888216			6
Height Summation:			**22538.022217**				
Amount Avg CF:			**1475.818294**	Linear:			

ASX05 0627

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:45:51

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454444** ACF DF100 AMS32 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 04, 2008 23:51:38
Instrument : CP02--H2601A
Result file : 8P2235.57R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	47.99	
6.03	6.07	6.09	15855.67968	6377.193386			1
6.13	6.17	6.19	40986.39453	10467.526242			2
6.40	6.44	6.46	64579.82421	15012.272582			3
6.67	6.71	6.73	72197.39843	18597.501673			4
6.76	6.80	6.82	26646.23632	5031.381434			5
6.98	7.01	7.04	40517.96875	9226.045519			6
Height Summation:			**260783.501954**				
Amount Avg CF:			**10785.320139**	Linear:			
Aroclor-1268					5	75.62	
6.76	6.80	6.82	26646.23632	11260.727232			1
7.00	7.01	7.06	40517.96875	14116.972137			2
7.66	7.70	7.72	52097.4375	4645.160699			3
8.01	8.04	8.07	1170.51001	126.503439			4
8.51	8.55	8.57	23356.81835	6314.421649			6
Height Summation:			**143788.970947**				
Amount Avg CF:			**7292.757031**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 23:51:38
Instrument : CP02--H2601B
Result file : 8P2235B.57R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					6	81.46	
5.24	5.27	5.30	5159.062988	1813.569385			1
5.32	5.35	5.38	9953.904297	1949.36084			2
5.41	5.46	5.47	29134.78320	3136.343165			3
5.64	5.67	5.70	13900.28418	2125.462765			4
5.94	5.98	6.00	15368.90527	4049.156433			5
6.05	6.09	6.11	77183.09375	9994.886696			6
Height Summation:			**150700.033691**				
Amount Avg CF:			**3844.796547**	Linear:			
Aroclor-1260					6	13.38	
5.43	5.46	5.49	29134.78320	10782.346059			1
5.54	5.57	5.60	69625.96093	9652.543847			2
5.74	5.77	5.80	94671.53906	11258.575687			3
6.06	6.09	6.12	77183.09375	13660.329206			4
6.35	6.38	6.41	63475.24218	9932.595091			5
7.51	7.54	7.57	47247.64062	10246.776523			6
Height Summation:			**381338.259767**				
Amount Avg CF:			**10922.194402**	Linear:			
Aroclor-1262					6	88.30	
E 6.05	6.09	6.11	77183.09375	25077.603184			1
6.14	6.18	6.20	19628.67578	7756.138068			2
6.44	6.48	6.50	27187.33789	7372.14902			3
6.88	6.92	6.94	26800.63281	3930.807133			4
7.34	7.37	7.40	19688.07617	6832.585896			5
7.86	7.90	7.92	11726.98046	3588.5617			6
Height Summation:			**182214.796876**				
Amount Avg CF:			**9092.974167**	Linear:			
Aroclor-1268					6	155.51	
6.10	6.13	6.16	23754.13867	5833.304767			1
6.35	6.38	6.41	63475.24218	12251.500031			2
E 6.60	6.63	6.66	155276.8281	68803.494891			3
6.94	6.98	7.00	114686.4062	6769.557619			4
7.16	7.19	7.22	2047.532837	119.028642			5
7.51	7.54	7.57	47247.64062	5966.298218			6
Height Summation:			**406487.788697**				
Amount Avg CF:			**16623.864028**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 157.33	4	15	
Aroclor-1221			1700	520			3	5	
Aroclor-1232			1700	330	E	** 193.22	4	10	
Aroclor-1242			1700	330	E	** 184.92	4	30	
Aroclor-1248			1700	330		** 131.06	4	30	
Aroclor-1254			1700	330		** 43.60	4	40	
Aroclor-1260			1700	330		1.81	4	40	
Aroclor-1262			0	0		17.03	4	40	
Aroclor-1268			0	0		** 78.03	4	40	

Units: _____

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:45:51

Sample Name: **5454444ACF DF100 ACAMS32 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 12:01:38am 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\8P2235.57R**
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	2.007		0.0000	0.000	42.0	0.003	BB	0.017	40.90	0.007
2	2.098		0.0000	0.000	197.6	0.013	BB	0.034	96.98	0.016
3	2.203		0.0000	0.000	507.7	0.033	BB	0.069	123.26	0.020
4	2.300		0.0000	0.000	1739.6	0.115	BB	0.038	757.88	0.122
5	2.436		0.0000	0.000	351.0	0.023	BB	0.044	132.16	0.021
6	2.539		0.0000	0.000	278.9	0.018	BB	0.051	90.74	0.015
7	2.701		0.0000	0.000	165.0	0.011	BB	0.051	54.25	0.009
8	2.807		0.0000	0.000	233.4	0.015	BB	0.067	57.99	0.009
9	2.928		0.0000	0.000	795.0	0.052	BB	0.039	343.76	0.055
10	3.027		0.0000	0.000	95.2	0.006	BB	0.035	45.42	0.007
11	3.083		0.0000	0.000	32.6	0.002	BB	0.028	19.61	0.003
12	3.204		0.0000	0.000	65.3	0.004	BB	0.035	31.50	0.005
13	3.287		0.0000	0.000	14.1	0.001	BB	0.015	15.31	0.002
14	3.351	TCX	226.7663	46.188	1881.7	0.124	BB	0.043	723.09	0.117
15	3.523		0.0000	0.000	486.9	0.032	BB	0.063	128.86	0.021
16	3.856		0.0000	0.000	1322.7	0.087	BB	0.045	493.85	0.080
17	4.104		0.0000	0.000	805.0	0.053	BB	0.089	150.04	0.024
18	4.575		0.0000	0.000	456.1	0.030	BB	0.041	184.04	0.030
19	4.642		0.0000	0.000	134.3	0.009	BB	0.040	56.43	0.009
20	4.740		0.0000	0.000	247.2	0.016	BB	0.037	110.22	0.018
21	4.850		0.0000	0.000	1134.7	0.075	BB	0.029	659.55	0.106
22	5.175		0.0000	0.000	2738.6	0.181	BB	0.092	495.44	0.080
23	5.269		0.0000	0.000	563.9	0.037	BB	0.061	154.93	0.025
24	5.359		0.0000	0.000	104.7	0.007	BB	0.021	83.52	0.013
25	5.415		0.0000	0.000	31851.7	2.102	BB	0.058	9129.57	1.472
26	5.582		0.0000	0.000	2458.1	0.162	BB	0.025	1665.44	0.268
27	5.643		0.0000	0.000	45410.5	2.996	BB	0.047	16190.22	2.610
28	5.775		0.0000	0.000	241.8	0.016	BB	0.022	179.78	0.029
29	5.840		0.0000	0.000	5202.9	0.343	BB	0.032	2698.35	0.435
30	5.928		0.0000	0.000	22057.7	1.455	BB	0.048	7590.95	1.224
31	5.996		0.0000	0.000	27291.6	1.801	BB	0.030	15380.56	2.479
32	6.066		0.0000	0.000	48908.7	3.227	BB	0.051	15855.68	2.556
33	6.167		0.0000	0.000	97124.4	6.408	BB	0.039	40986.39	6.606
34	6.290		0.0000	0.000	32365.6	2.135	BB	0.034	15884.85	2.560
35	6.370		0.0000	0.000	15824.0	1.044	BB	0.031	8472.97	1.366
36	6.441		0.0000	0.000	179083.7	11.816	BB	0.046	64579.82	10.409
37	6.556		0.0000	0.000	56911.0	3.755	BB	0.037	25963.37	4.185
38	6.662		0.0000	0.000	5116.0	0.338	BB	0.026	3335.70	0.538
39	6.709		0.0000	0.000	164763.6	10.871	BB	0.038	72197.40	11.637
40	6.799		0.0000	0.000	45880.9	3.027	BB	0.029	26646.24	4.295
41	6.854		0.0000	0.000	25216.1	1.664	BB	0.028	14827.39	2.390
42	7.013		0.0000	0.000	110213.3	7.272	BB	0.045	40517.97	6.531
43	7.097		0.0000	0.000	25091.4	1.656	BB	0.028	14953.16	2.410
44	7.149		0.0000	0.000	9315.0	0.615	BB	0.024	6446.75	1.039
45	7.275		0.0000	0.000	24588.5	1.622	BB	0.035	11589.26	1.868
46	7.364		0.0000	0.000	233981.4	15.438	BB	0.042	92387.26	14.892
47	7.551		0.0000	0.000	544.2	0.036	BB	0.030	299.28	0.048
48	7.697		0.0000	0.000	112581.2	7.428	BB	0.036	52097.44	8.397
49	7.792		0.0000	0.000	23888.1	1.576	BB	0.037	10876.47	1.753
50	8.044		0.0000	0.000	3444.5	0.227	BB	0.049	1170.51	0.189
51	8.207		0.0000	0.000	35157.2	2.320	BB	0.059	9902.79	1.596
52	8.550		0.0000	0.000	59877.5	3.951	BB	0.043	23356.82	3.765
53	8.650		0.0000	0.000	1783.4	0.118	BB	0.033	905.24	0.146
54	8.801		0.0000	0.000	2774.3	0.183	BB	0.111	415.21	0.067
55	9.035		0.0000	0.000	16300.8	1.076	BB	0.050	5445.07	0.878
56	9.181		0.0000	0.000	698.2	0.046	BB	0.078	148.28	0.024
57	9.331		0.0000	0.000	254.6	0.017	BB	0.044	97.18	0.016
58	9.429	DCB	264.1981	53.812	1469.9	0.097	BB	0.041	604.03	0.097
59	9.519		0.0000	0.000	696.5	0.046	BB	0.052	222.94	0.036
60	9.584		0.0000	0.000	251.7	0.017	BB	0.030	141.71	0.023
61	9.980		0.0000	0.000	32605.1	2.151	BB	0.249	2186.58	0.352

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Total Area = 1515619.0, Total Amount = 490.964, Total Height = 620398.4, Sample Units = ug/l

Sample Name: **5454444ACF DF100 ACAMS32 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 12:01:38am 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\8P2235B.57R**
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	90.8	0.004	BB	0.007	222.02	0.021
2	2.059		0.0000	0.000	2595.5	0.116	BB	0.033	1320.14	0.126
3	2.113		0.0000	0.000	119.6	0.005	BB	0.007	279.00	0.027
4	2.129		0.0000	0.000	311.1	0.014	BB	0.024	217.89	0.021
5	2.228		0.0000	0.000	356.4	0.016	BB	0.024	246.04	0.023
6	2.327		0.0000	0.000	183.2	0.008	BB	0.014	211.14	0.020
7	2.576		0.0000	0.000	750.8	0.033	BB	0.022	557.20	0.053
8	2.627		0.0000	0.000	51.4	0.002	BB	0.005	169.16	0.016
9	2.643		0.0000	0.000	439.2	0.020	BB	0.021	353.95	0.034
10	2.730		0.0000	0.000	223.2	0.010	BB	0.013	294.91	0.028
11	2.820		0.0000	0.000	764.5	0.034	BB	0.033	384.42	0.037
12	2.925	TCX	330.7389	48.791	4469.9	0.199	BB	0.042	1761.95	0.168
13	3.127		0.0000	0.000	227.6	0.010	BB	0.012	315.96	0.030
14	3.173		0.0000	0.000	216.5	0.010	BB	0.013	283.58	0.027
15	3.276		0.0000	0.000	84.5	0.004	BB	0.009	162.38	0.016
16	3.326		0.0000	0.000	146.9	0.007	BB	0.011	229.66	0.022
17	3.347		0.0000	0.000	37.2	0.002	BB	0.005	119.94	0.011
18	3.376		0.0000	0.000	2424.2	0.108	BB	0.030	1335.77	0.128
19	3.476		0.0000	0.000	241.8	0.011	BB	0.018	224.65	0.021
20	3.524		0.0000	0.000	265.2	0.012	BB	0.011	392.64	0.037
21	3.573		0.0000	0.000	417.6	0.019	BB	0.030	235.52	0.022
22	3.613		0.0000	0.000	176.8	0.008	BB	0.010	290.95	0.028
23	3.659		0.0000	0.000	103.6	0.005	BB	0.006	268.21	0.026
24	3.696		0.0000	0.000	576.4	0.026	BB	0.027	360.45	0.034
25	3.726		0.0000	0.000	676.8	0.030	BB	0.029	387.59	0.037
26	3.779		0.0000	0.000	226.1	0.010	BB	0.013	291.31	0.028
27	3.857		0.0000	0.000	819.1	0.036	BB	0.037	371.91	0.036
28	3.931		0.0000	0.000	465.9	0.021	BB	0.027	283.72	0.027
29	4.139		0.0000	0.000	4557.4	0.203	BB	0.124	612.27	0.058
30	4.343		0.0000	0.000	5048.7	0.225	BB	0.048	1748.31	0.167
31	4.446		0.0000	0.000	187.1	0.008	BB	0.012	258.56	0.025
32	4.505		0.0000	0.000	105.2	0.005	BB	0.006	300.46	0.029
33	4.545		0.0000	0.000	1552.9	0.069	BB	0.041	636.46	0.061
34	4.691		0.0000	0.000	2577.9	0.115	BB	0.049	878.37	0.084
35	4.830		0.0000	0.000	425.3	0.019	BB	0.020	355.17	0.034
36	4.898		0.0000	0.000	45486.0	2.026	BB	0.041	18514.40	1.768
37	4.997		0.0000	0.000	3978.2	0.177	BB	0.024	2744.67	0.262
38	5.051		0.0000	0.000	37975.1	1.692	BB	0.028	22508.11	2.149
39	5.095		0.0000	0.000	3285.9	0.146	BB	0.022	2508.78	0.240
40	5.223		0.0000	0.000	692.1	0.031	BB	0.018	648.53	0.062
41	5.269		0.0000	0.000	10468.8	0.466	BB	0.034	5159.06	0.493
42	5.351		0.0000	0.000	15607.8	0.695	BB	0.026	9953.90	0.950
43	5.455		0.0000	0.000	71864.5	3.201	BB	0.041	29134.78	2.782
44	5.495		0.0000	0.000	7231.0	0.322	BB	0.019	6194.35	0.591
45	5.574		0.0000	0.000	158071.1	7.041	BB	0.038	69625.96	6.647
46	5.672		0.0000	0.000	18510.5	0.825	BB	0.022	13900.28	1.327
47	5.706		0.0000	0.000	13338.6	0.594	BB	0.021	10361.18	0.989
48	5.768		0.0000	0.000	226455.5	10.087	BB	0.040	94671.54	9.038
49	5.911		0.0000	0.000	156249.9	6.960	BB	0.034	75904.60	7.247
50	5.978		0.0000	0.000	22784.0	1.015	BB	0.025	15368.91	1.467
51	6.037		0.0000	0.000	20756.1	0.925	BB	0.023	14850.93	1.418
52	6.085		0.0000	0.000	132547.4	5.904	BB	0.029	77183.09	7.369
53	6.125		0.0000	0.000	28412.3	1.266	BB	0.020	23754.14	2.268
54	6.178		0.0000	0.000	30607.3	1.363	BB	0.026	19628.68	1.874
55	6.317		0.0000	0.000	21651.6	0.964	BB	0.037	9798.55	0.935
56	6.382		0.0000	0.000	162667.5	7.246	BB	0.043	63475.24	6.060
57	6.478		0.0000	0.000	42266.4	1.883	BB	0.026	27187.34	2.596
58	6.521		0.0000	0.000	8776.3	0.391	BB	0.018	7959.45	0.760
59	6.558		0.0000	0.000	7520.7	0.335	BB	0.019	6447.55	0.616
60	6.632		0.0000	0.000	374304.0	16.673	BB	0.040	155276.80	14.824
61	6.726		0.0000	0.000	2108.5	0.094	BB	0.016	2228.74	0.213
62	6.917		0.0000	0.000	42705.1	1.902	BB	0.027	26800.63	2.559

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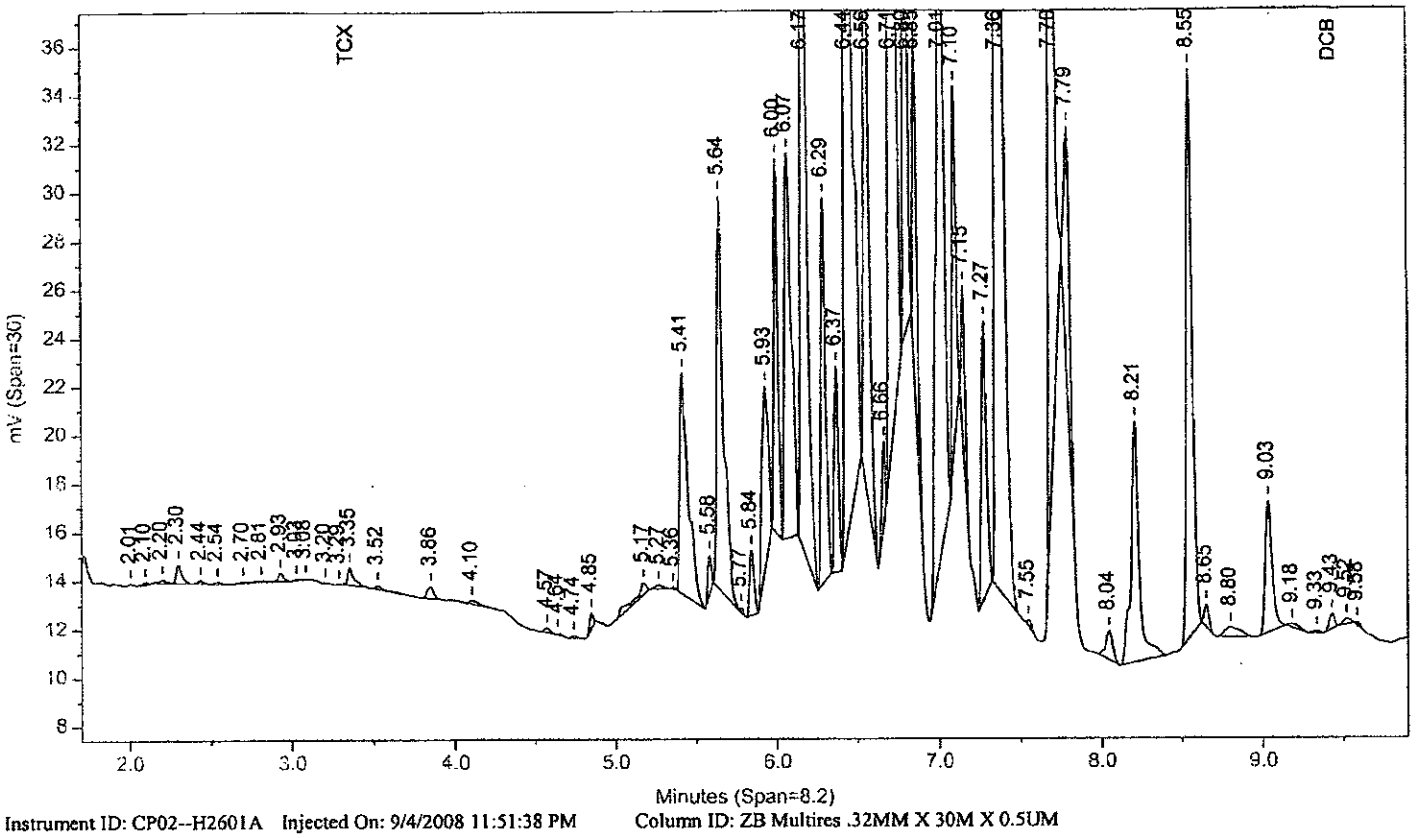
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.975		0.0000	0.000	268916.9	11.978	BB	0.039	114686.40	10.949
64	7.189		0.0000	0.000	3676.4	0.164	BB	0.030	2047.53	0.195
65	7.255		0.0000	0.000	8713.3	0.388	BB	0.041	3541.24	0.338
66	7.371		0.0000	0.000	46224.3	2.059	BB	0.039	19688.08	1.880
67	7.541		0.0000	0.000	124458.3	5.544	BB	0.044	47247.64	4.511
68	7.723		0.0000	0.000	839.6	0.037	BB	0.039	355.89	0.034
69	7.812		0.0000	0.000	720.4	0.032	BB	0.024	493.92	0.047
70	7.897		0.0000	0.000	30054.1	1.339	BB	0.043	11726.98	1.120
71	8.027		0.0000	0.000	34.9	0.002	BB	0.009	67.96	0.006
72	8.057		0.0000	0.000	303.6	0.014	BB	0.018	282.16	0.027
73	8.091		0.0000	0.000	2538.8	0.113	BB	0.085	500.61	0.048
74	8.211	DCB	347.1260	51.209	3404.7	0.152	BB	0.036	1596.53	0.152
75	8.291		0.0000	0.000	66.0	0.003	BB	0.006	170.90	0.016
76	8.364		0.0000	0.000	1999.2	0.089	BB	0.087	381.44	0.036
77	8.476		0.0000	0.000	1108.7	0.049	BB	0.047	390.15	0.037
78	8.593		0.0000	0.000	2318.3	0.103	BB	0.046	836.39	0.080
79	8.674		0.0000	0.000	237.9	0.011	BB	0.016	250.12	0.024
80	8.701		0.0000	0.000	975.2	0.043	BB	0.037	438.77	0.042
81	8.788		0.0000	0.000	19.5	0.001	BB	0.005	64.86	0.006
82	8.844		0.0000	0.000	552.4	0.025	BB	0.024	378.81	0.036
83	8.906		0.0000	0.000	117.6	0.005	BB	0.011	179.98	0.017
84	8.958		0.0000	0.000	635.6	0.028	BB	0.060	176.21	0.017
85	8.984		0.0000	0.000	177.7	0.008	BB	0.013	228.75	0.022
86	9.017		0.0000	0.000	431.8	0.019	BB	0.030	240.17	0.023
87	9.087		0.0000	0.000	106.9	0.005	BB	0.011	167.62	0.016
88	9.106		0.0000	0.000	508.7	0.023	BB	0.044	191.06	0.018
89	9.191		0.0000	0.000	202.5	0.009	BB	0.021	160.76	0.015
90	9.243		0.0000	0.000	522.7	0.023	BB	0.017	510.88	0.049
91	9.391		0.0000	0.000	245.8	0.011	BB	0.012	342.30	0.033
92	9.503		0.0000	0.000	850.1	0.038	BB	0.024	580.66	0.055
93	9.559		0.0000	0.000	396.6	0.018	BB	0.027	248.26	0.024
94	9.636		0.0000	0.000	16.1	0.001	BB	0.004	71.71	0.007
95	9.673		0.0000	0.000	250.3	0.011	BB	0.008	551.31	0.053
96	9.704		0.0000	0.000	8022.2	0.357	BB	0.133	1001.81	0.096
97	9.937		0.0000	0.000	37143.0	1.654	BB	0.065	9487.80	0.906

Total Area = 2245029.0, Total Amount = 677.865, Total Height = 1047438.0, Sample Units = ug/l

ASX05 0632

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.57R

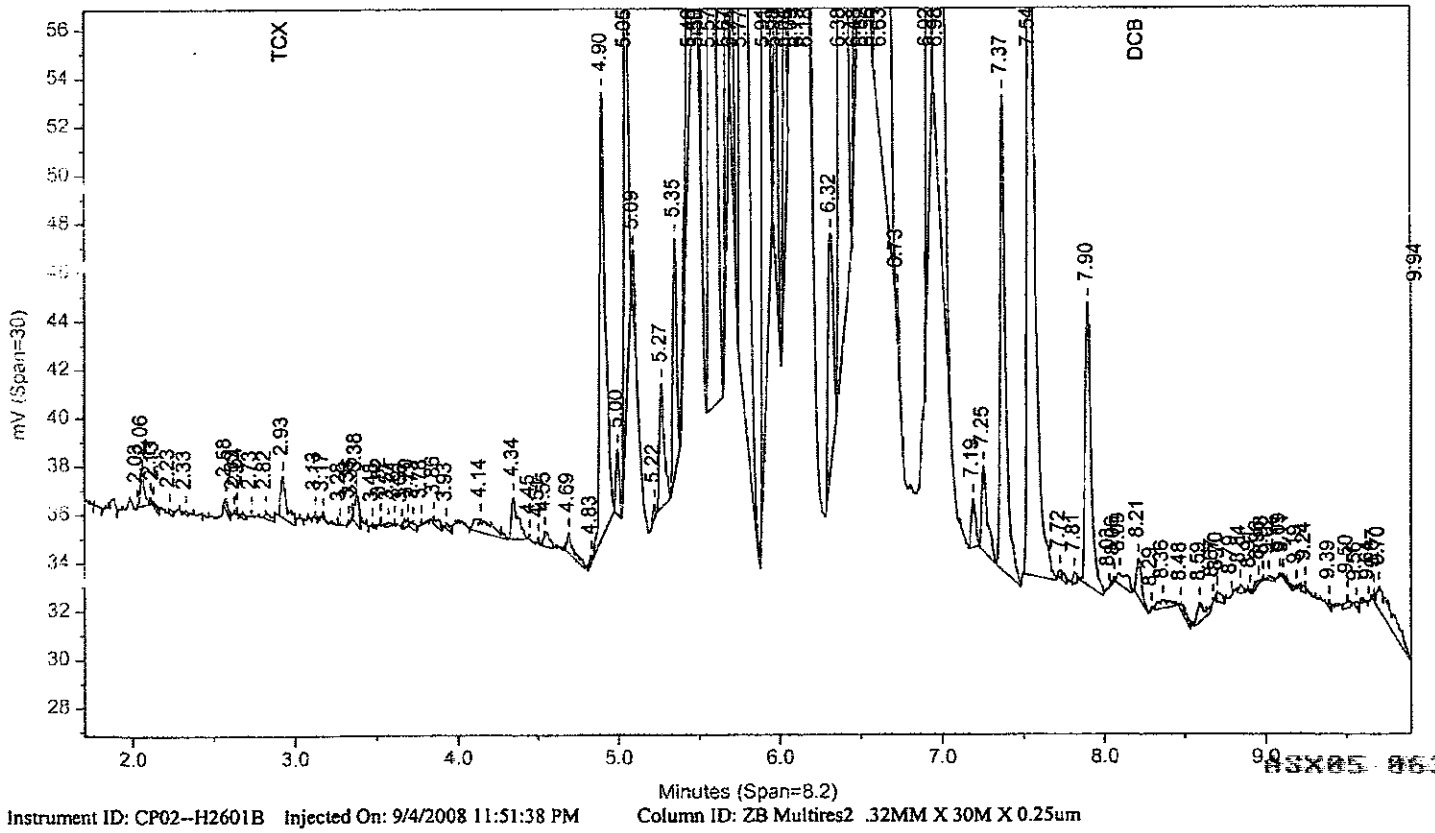
C:\CPWIN\DATA1\8P2235.57R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 11:51:38 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.57R

C:\CPWIN\DATA1\8P2235B.57R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 11:51:38 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

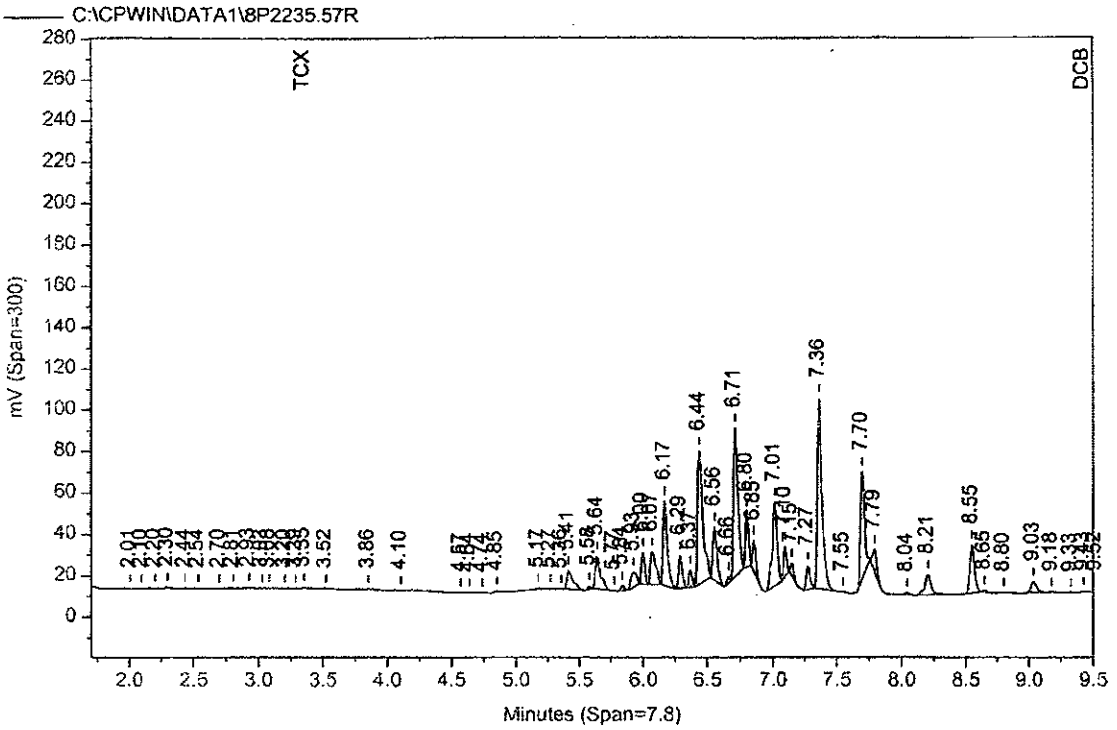
Dilution Factor: 1000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	723	7.55888	TCX	2.925	1762	11.02463	TCX
9.429	604	8.8066	DCB	8.211	1597	11.57087	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.57A
Area File: C:\CPWIN\DATA1\8P2235B.57A
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 12:01:42 AM
File Reported On: 9/5/2008 at 12:01:49 AM

10X REPLOTS

ASX05 0634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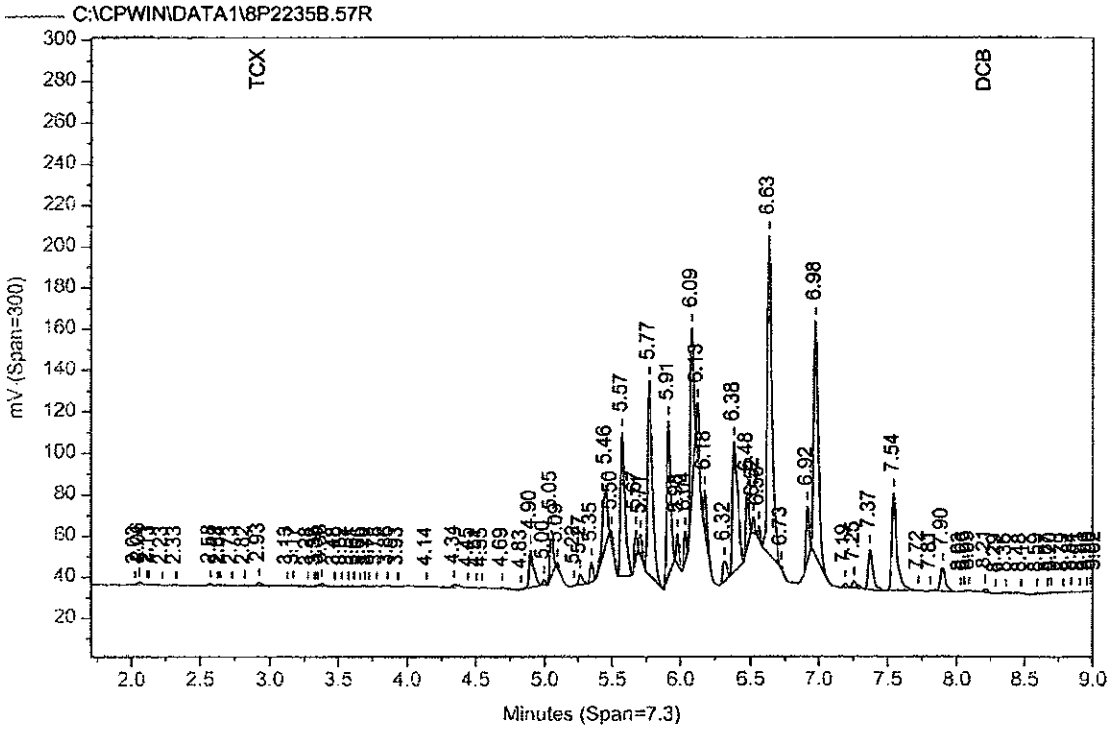
TCX
DCB
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\8P2235B.57R
TCX
DCB
mV (Span=300)
Minutes (Span=7.3)

ASX95 8635

Multiple Component Data Summary

Sample Name: 5454448 ACF DF50 AMS34 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 01:18:12
Instrument H2601A
Result file 8P2235.63R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 81.5% Conc: 8.125721
%SSR(DCB) 111.5% Conc: 11.16204

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**17.28**	
6.03	6.07	6.09	14032.70800	3328.889663			1
6.14	6.17	6.20	34447.46093	4012.958552			2
6.41	6.44	6.47	49372.75390	4918.431894			3
6.68	6.71	6.74	50389.15625	4627.506256			4
6.77	6.80	6.83	19003.08789	3150.088933			5
6.98	7.02	7.04	27213.67382	4139.080148			6

Height summation: **194458.840821**
Concentration CF: **4029.492574** L:

Analysis Report (B)

Injected on Sep 05, 2008 01:18:12
Instrument H2601B
Result file 8P2235B.63R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 116.8% Conc: 11.65101
%SSR(DCB) 134.1% Conc: 13.42805

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.71**	
5.43	5.46	5.49	22369.08203	4139.230791			1
5.54	5.57	5.60	56702.88671	3930.481482			2
5.74	5.77	5.80	73423.77343	4365.869187			3
6.06	6.09	6.12	57615.45703	5098.565451			4
6.35	6.38	6.41	44046.52734	3446.19655			5
7.51	7.54	7.57	29702.31835	3220.82769			6

Height summation: **283860.044922**
Concentration CF: **4033.528525** 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	4033.528525	850	165		0.10	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 B636

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **5454448** ACF DF50 AMS34 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 01:18:12
Instrument : CP02--H2601A
Result file : 8P2235.63R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 81.5% Conc.: 8.125721
%SSR(DCB) : 111.5% Conc.: 11.162046

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	189.32	
4.55	4.56	4.61	179.246506	16.086354			3
4.71	4.73	4.77	55.732208	12.163718			4
5.14	5.18	5.20	339.267792	94.096145			5
5.38	5.41	5.44	11287.46191	2912.700971			6
Height Summation:			11861.708420				
Amount Avg CF:			758.761797	Linear:			
Aroclor-1232					4	197.84	
4.55	4.56	4.61	179.246506	32.975791			3
4.70	4.73	4.76	55.732208	26.183795			4
5.13	5.18	5.19	339.267792	200.619592			5
E 5.38	5.41	5.44	11287.46191	31724.176262			6
Height Summation:			11861.708420				
Amount Avg CF:			7995.98886	Linear:			
Aroclor-1242					4	196.66	
4.55	4.56	4.61	179.246506	20.315823			3
4.71	4.73	4.77	55.732208	15.549847			4
5.14	5.18	5.20	339.267792	113.989783			5
E 5.38	5.41	5.44	11287.46191	11790.934831			6
Height Summation:			11861.708420				
Amount Avg CF:			2985.197571	Linear:			
Aroclor-1248					5	90.07	
4.55	4.56	4.61	179.246506	32.200172			1
5.01	5.04	5.07	283.259064	47.315737			2
5.62	5.64	5.68	15393.98046	2477.86282			4
5.96	5.99	6.02	9759.352539	2974.991507			5
6.26	6.29	6.32	7053.833984	3040.026369			6
Height Summation:			32669.672562				
Amount Avg CF:			1714.479321	Linear:			
Aroclor-1254					6	91.08	
4.82	4.85	4.88	1579.610474	341.726846			1
5.61	5.64	5.67	15393.98046	2006.474907			2
5.96	5.99	6.02	9759.352539	888.652191			3
6.26	6.29	6.32	7053.833984	851.032916			4
6.52	6.56	6.58	16807.31054	2984.835092			5
6.68	6.71	6.74	50389.15625	5433.620326			6
Height Summation:			100983.244263				
Amount Avg CF:			2084.39038	Linear:			
Aroclor-1260					6	17.28	
6.03	6.07	6.09	14032.70800	3328.889663			1
6.14	6.17	6.20	34447.46093	4012.958552			2
6.41	6.44	6.47	49372.75390	4918.431894			3
6.68	6.71	6.74	50389.15625	4627.506256			4
6.77	6.80	6.83	19003.08789	3150.088933			5
6.98	7.02	7.04	27213.67382	4139.080148			6
Height Summation:			194458.840821				
Amount Avg CF:			4029.492574	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 01:18:12
Instrument : CP02--H2601B
Result file : 8P2235B.63R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 116.8% Conc.: 11.651011
%SSR(DCB) : 134.1% Conc.: 13.428059

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	73.23	
3.32	3.38	3.38	877.745056	116.567337			1
3.65	3.66	3.71	196.218063	17.38366			2
+ 3.65	3.68	3.71	126.290863	11.188559			2
3.65	3.71	3.71	271.828827	24.082288			2
+ 3.84	3.86	3.90	123.608543	14.514628			3
3.84	3.89	3.90	498.53656	58.54023			3
4.66	4.69	4.72	772.510681	121.643425			6
Height Summation:			2616.839187				
Amount Avg CF:			67.643388	Linear:			
Aroclor-1221					1		
3.14	3.18	3.20	551.197693	131.256297			1
Height Summation:			551.197693				
Amount Avg CF:			131.256297	Linear:			
Aroclor-1232					3	119.70	
3.65	3.66	3.71	196.218063	32.750499			2
+ 3.65	3.68	3.71	126.290863	21.079042			2
3.83	3.86	3.89	123.608543	29.591244			3
4.65	4.69	4.71	772.510681	240.320635			6
Height Summation:			1092.337287				
Amount Avg CF:			100.887459	Linear:			
Aroclor-1242					4	91.08	
3.65	3.66	3.71	196.218063	21.952749			2
+ 3.65	3.68	3.71	126.290863	14.12934			2
3.65	3.71	3.71	271.828827	30.412032			2
+ 3.84	3.86	3.90	123.608543	17.907274			3
3.84	3.89	3.90	498.53656	72.223414			3
4.66	4.69	4.72	772.510681	166.690549			6
Height Summation:			1739.094131				
Amount Avg CF:			72.819686	Linear:			
Aroclor-1248					4	163.15	
4.14	4.16	4.20	391.766937	182.84344			1
4.52	4.55	4.58	980.663452	99.248916			3
4.66	4.69	4.72	772.510681	109.838099			4
4.87	4.90	4.93	20065.34960	2437.81933			5
Height Summation:			22210.290679				
Amount Avg CF:			707.437446	Linear:			
Aroclor-1254					6	106.24	
5.24	5.27	5.30	2821.047852	495.842562			1
5.32	5.35	5.38	7084.98291	693.757335			2
5.41	5.46	5.47	22369.08203	1204.009603			3
5.64	5.67	5.70	5186.508789	396.528991			4
5.94	5.98	6.00	5030.743652	662.710442			5
6.05	6.09	6.11	57615.45703	3730.479934			6
Height Summation:			100107.822265				
Amount Avg CF:			1197.221478	Linear:			

ASX05 8637

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:50:36

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454448** ACF DF50 AMS34 Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 01:18:12
Instrument : CP02--H2601A
Result file : 8P2235.63R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	44.68	
6.03	6.07	6.09	14032.70800	2821.994845			1
6.13	6.17	6.19	34447.46093	4398.773123			2
6.40	6.44	6.46	49372.75390	5738.613017			3
6.67	6.71	6.73	50389.15625	6489.932033			4
6.76	6.80	6.82	19003.08789	1794.095467			5
6.98	7.02	7.04	27213.67382	3098.311703			6
Height Summation:			**194458.840821**				
Amount Avg CF:			**4056.953365**	Linear:			
Aroclor-1268					5	78.99	
6.76	6.80	6.82	19003.08789	4015.36237			1
7.00	7.02	7.06	27213.67382	4740.793863			2
7.66	7.70	7.72	34552.87890	1540.418136			3
8.01	8.04	8.07	295.837677	15.9864			4
8.51	8.55	8.57	13768.06738	1861.070746			6
Height Summation:			**94833.545685**				
Amount Avg CF:			**2434.726303**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 01:18:12
Instrument : CP02--H2601B
Result file : 8P2235B.63R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	16.71	
5.43	5.46	5.49	22369.08203	4139.230791			1
5.54	5.57	5.60	56702.88671	3930.481482			2
5.74	5.77	5.80	73423.77343	4365.869187			3
6.06	6.09	6.12	57615.45703	5098.565451			4
6.35	6.38	6.41	44046.52734	3446.19655			5
7.51	7.54	7.57	29702.31835	3220.82769			6
Height Summation:			**283860.044922**				
Amount Avg CF:			**4033.528525**	Linear:			
Aroclor-1262					6	96.26	
6.05	6.09	6.11	57615.45703	9359.935567			1
6.14	6.18	6.20	15436.93261	3049.899597			2
6.44	6.48	6.50	19000.33984	2576.076726			3
6.88	6.92	6.94	17124.32812	1255.799287			4
7.34	7.37	7.40	12106.61816	2100.751434			5
7.86	7.90	7.92	6559.793457	1003.677956			6
Height Summation:			**127843.469238**				
Amount Avg CF:			**3224.356761**	Linear:			
Aroclor-1268					6	155.72	
6.10	6.13	6.16	17794.93164	2184.951031			1
6.35	6.38	6.41	44046.52734	4250.759922			2
E 6.60	6.63	6.66	107539.3125	23825.449771			3
6.94	6.98	7.00	79489.28125	2345.994121			4
7.16	7.19	7.22	892.203979	25.93312			5
7.51	7.54	7.57	29702.31835	1875.362312			6
Height Summation:			**279464.575073**				
Amount Avg CF:			**5751.40838**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	165		** 167.26	4	15	
Aroclor-1221			850	260			3	5	
Aroclor-1232			850	165	E	** 195.02	4	10	
Aroclor-1242			850	165	E	** 190.47	4	30	
Aroclor-1248			850	165		** 83.16	4	30	
Aroclor-1254			850	165		** 54.07	4	40	
Aroclor-1260			850	165		0.10	4	40	
Aroclor-1262			0	0		22.87	4	40	
Aroclor-1268			0	0		** 81.03	4	40	

Units: _____

ASX05: 0638

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:50:36

Sample Name: **5454448ACF DF50 ACAMS34 T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 01:28:12am 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\8P2235.63R**
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	2.008		0.0000	0.000	60.7	0.006	BB	0.018	55.65	0.012
2	2.100		0.0000	0.000	803.5	0.073	BB	0.034	390.21	0.087
3	2.161		0.0000	0.000	22.1	0.002	BB	0.017	21.96	0.005
4	2.207		0.0000	0.000	202.8	0.018	BB	0.024	139.57	0.031
5	2.301		0.0000	0.000	2301.8	0.209	BB	0.037	1035.10	0.230
6	2.437		0.0000	0.000	488.8	0.044	BB	0.048	168.27	0.037
7	2.542		0.0000	0.000	222.6	0.020	BB	0.064	58.33	0.013
8	2.705		0.0000	0.000	228.0	0.021	BB	0.049	77.43	0.017
9	2.812		0.0000	0.000	382.9	0.035	BB	0.062	102.11	0.023
10	2.930		0.0000	0.000	565.5	0.051	BB	0.055	172.54	0.038
11	3.026		0.0000	0.000	187.2	0.017	BB	0.032	97.34	0.022
12	3.115		0.0000	0.000	192.4	0.017	BB	0.054	58.99	0.013
13	3.209		0.0000	0.000	197.6	0.018	BB	0.068	48.16	0.011
14	3.353	TCX	243.7716	42.129	3709.8	0.337	BB	0.040	1554.64	0.345
15	3.522		0.0000	0.000	493.9	0.045	BB	0.078	105.17	0.023
16	3.859		0.0000	0.000	1789.5	0.163	BB	0.049	613.61	0.136
17	4.020		0.0000	0.000	38.7	0.004	BB	0.021	30.54	0.007
18	4.077		0.0000	0.000	2659.9	0.242	BB	0.408	108.69	0.024
19	4.563		0.0000	0.000	470.1	0.043	BB	0.044	179.25	0.040
20	4.733		0.0000	0.000	116.2	0.011	BB	0.035	55.73	0.012
21	4.851		0.0000	0.000	4857.0	0.442	BB	0.051	1579.61	0.350
22	5.043		0.0000	0.000	605.6	0.055	BB	0.036	283.26	0.063
23	5.178		0.0000	0.000	835.7	0.076	BB	0.041	339.27	0.075
24	5.246		0.0000	0.000	73.5	0.007	BB	0.032	37.86	0.008
25	5.326		0.0000	0.000	26.3	0.002	BB	0.020	21.98	0.005
26	5.358		0.0000	0.000	53.9	0.005	BB	0.019	47.03	0.010
27	5.414		0.0000	0.000	31246.1	2.841	BB	0.046	11287.46	2.504
28	5.582		0.0000	0.000	2484.4	0.226	BB	0.027	1528.86	0.339
29	5.644		0.0000	0.000	39394.2	3.582	BB	0.043	15393.98	3.415
30	5.776		0.0000	0.000	117.9	0.011	BB	0.022	89.75	0.020
31	5.840		0.0000	0.000	2625.2	0.239	BB	0.031	1391.55	0.309
32	5.928		0.0000	0.000	17799.3	1.619	BB	0.044	6746.04	1.496
33	5.995		0.0000	0.000	17320.7	1.575	BB	0.030	9759.35	2.165
34	6.066		0.0000	0.000	43083.9	3.918	BB	0.051	14032.71	3.113
35	6.168		0.0000	0.000	79329.5	7.214	BB	0.038	34447.46	7.641
36	6.288		0.0000	0.000	14858.3	1.351	BB	0.035	7053.83	1.565
37	6.370		0.0000	0.000	13547.3	1.232	BB	0.031	7258.87	1.610
38	6.443		0.0000	0.000	139794.9	12.712	BB	0.047	49372.75	10.952
39	6.558		0.0000	0.000	36464.8	3.316	BB	0.036	16807.31	3.728
40	6.661		0.0000	0.000	3728.2	0.339	BB	0.024	2571.41	0.570
41	6.708		0.0000	0.000	115742.0	10.525	BB	0.038	50389.16	11.177
42	6.798		0.0000	0.000	32160.4	2.925	BB	0.028	19003.09	4.215
43	6.853		0.0000	0.000	17331.3	1.576	BB	0.028	10222.74	2.268
44	7.015		0.0000	0.000	71769.2	6.526	BB	0.044	27213.67	6.036
45	7.096		0.0000	0.000	18164.8	1.652	BB	0.029	10597.47	2.351
46	7.149		0.0000	0.000	7373.4	0.671	BB	0.025	4880.88	1.083
47	7.278		0.0000	0.000	15904.6	1.446	BB	0.036	7268.18	1.612
48	7.365		0.0000	0.000	156564.1	14.237	BB	0.042	61638.37	13.672
49	7.699		0.0000	0.000	76799.6	6.984	BB	0.037	34552.88	7.664
50	7.796		0.0000	0.000	13538.9	1.231	BB	0.035	6375.52	1.414
51	8.004		0.0000	0.000	136.7	0.012	BB	0.024	95.60	0.021
52	8.043		0.0000	0.000	524.8	0.048	BB	0.030	295.84	0.066
53	8.207		0.0000	0.000	23672.9	2.153	BB	0.061	6498.80	1.442
54	8.550		0.0000	0.000	36330.9	3.304	BB	0.044	13768.07	3.054
55	8.650		0.0000	0.000	1399.8	0.127	BB	0.036	644.16	0.143
56	8.786		0.0000	0.000	183.7	0.017	BB	0.074	41.63	0.009
57	8.954		0.0000	0.000	105.0	0.010	BB	0.084	20.89	0.005
58	9.031		0.0000	0.000	8042.4	0.731	BB	0.047	2830.17	0.628
59	9.186		0.0000	0.000	1457.7	0.133	BB	0.104	232.66	0.052
60	9.423	DCB	334.8614	57.871	4139.9	0.376	BB	0.045	1531.18	0.340
61	9.581		0.0000	0.000	2545.4	0.231	BB	0.055	771.81	0.171
62	9.943		0.0000	0.000	32403.2	2.947	BB	0.079	6827.42	1.514

ASX05 8639

Total Area = 1099671.0, Total Amount = 578.633, Total Height = 450823.9, Sample Units = ug/l

Sample Name: **5454448ACF DF50 ACAMS34 T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 01:28:12am 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\8P2235B.63R**
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	2.030		0.0000	0.000	66.9	0.004	BB	0.005	240.23	0.031
2	2.057		0.0000	0.000	3702.5	0.217	BB	0.034	1833.64	0.234
3	2.130		0.0000	0.000	687.0	0.040	BB	0.047	243.58	0.031
4	2.229		0.0000	0.000	428.1	0.025	BB	0.025	288.97	0.037
5	2.281		0.0000	0.000	462.1	0.027	BB	0.021	363.95	0.047
6	2.343		0.0000	0.000	76.9	0.005	BB	0.008	168.54	0.022
7	2.376		0.0000	0.000	394.2	0.023	BB	0.024	273.55	0.035
8	2.470		0.0000	0.000	696.7	0.041	BB	0.029	403.68	0.052
9	2.564		0.0000	0.000	1196.1	0.070	BB	0.043	463.00	0.059
10	2.659		0.0000	0.000	587.9	0.034	BB	0.032	305.21	0.039
11	2.700		0.0000	0.000	550.5	0.032	BB	0.026	357.74	0.046
12	2.743		0.0000	0.000	540.5	0.032	BB	0.020	447.57	0.057
13	2.790		0.0000	0.000	72.2	0.004	BB	0.009	140.88	0.018
14	2.809		0.0000	0.000	124.2	0.007	BB	0.006	331.94	0.042
15	2.834		0.0000	0.000	595.5	0.035	BB	0.024	410.86	0.053
16	2.877		0.0000	0.000	75.4	0.004	BB	0.005	265.43	0.034
17	2.893		0.0000	0.000	281.7	0.017	BB	0.010	488.43	0.062
18	2.924	TCX	349.5303	46.457	8832.8	0.518	BB	0.040	3724.12	0.476
19	3.050		0.0000	0.000	270.6	0.016	BB	0.018	256.06	0.033
20	3.093		0.0000	0.000	68.3	0.004	BB	0.008	149.93	0.019
21	3.110		0.0000	0.000	25.1	0.001	BB	0.005	91.11	0.012
22	3.134		0.0000	0.000	411.6	0.024	BB	0.024	289.03	0.037
23	3.176		0.0000	0.000	670.1	0.039	BB	0.020	551.20	0.070
24	3.300		0.0000	0.000	295.9	0.017	BB	0.014	351.90	0.045
25	3.379		0.0000	0.000	1216.3	0.071	BB	0.023	877.75	0.112
26	3.502		0.0000	0.000	760.6	0.045	BB	0.039	323.97	0.041
27	3.543		0.0000	0.000	299.3	0.018	BB	0.014	364.07	0.047
28	3.593		0.0000	0.000	309.8	0.018	BB	0.037	140.56	0.018
29	3.609		0.0000	0.000	276.2	0.016	BB	0.026	177.88	0.023
30	3.660		0.0000	0.000	102.2	0.006	BB	0.009	196.22	0.025
31	3.677		0.0000	0.000	43.2	0.003	BB	0.006	126.29	0.016
32	3.710		0.0000	0.000	252.5	0.015	BB	0.015	271.83	0.035
33	3.741		0.0000	0.000	235.6	0.014	BB	0.018	218.78	0.028
34	3.824		0.0000	0.000	511.2	0.030	BB	0.021	413.71	0.053
35	3.857		0.0000	0.000	74.9	0.004	BB	0.010	123.61	0.016
36	3.893		0.0000	0.000	962.2	0.056	BB	0.032	498.54	0.064
37	4.022		0.0000	0.000	953.7	0.056	BB	0.032	494.58	0.063
38	4.157		0.0000	0.000	1029.3	0.060	BB	0.044	391.77	0.050
39	4.229		0.0000	0.000	644.2	0.038	BB	0.023	460.24	0.059
40	4.266		0.0000	0.000	331.3	0.019	BB	0.019	289.85	0.037
41	4.344		0.0000	0.000	10949.4	0.642	BB	0.060	3043.97	0.389
42	4.477		0.0000	0.000	677.0	0.040	BB	0.022	504.73	0.065
43	4.520		0.0000	0.000	185.4	0.011	BB	0.010	296.59	0.038
44	4.546		0.0000	0.000	2306.3	0.135	BB	0.039	980.66	0.125
45	4.644		0.0000	0.000	268.8	0.016	BB	0.019	242.00	0.031
46	4.693		0.0000	0.000	1655.2	0.097	BB	0.036	772.51	0.099
47	4.826		0.0000	0.000	550.6	0.032	BB	0.020	457.43	0.058
48	4.859		0.0000	0.000	148.5	0.009	BB	0.007	376.37	0.048
49	4.899		0.0000	0.000	45304.2	2.654	BB	0.038	20065.35	2.565
50	4.995		0.0000	0.000	4258.5	0.250	BB	0.024	2948.56	0.377
51	5.051		0.0000	0.000	73038.5	4.279	BB	0.046	26179.18	3.346
52	5.225		0.0000	0.000	681.5	0.040	BB	0.021	553.81	0.071
53	5.267		0.0000	0.000	6527.7	0.382	BB	0.039	2821.05	0.361
54	5.351		0.0000	0.000	10875.1	0.637	BB	0.026	7084.98	0.906
55	5.456		0.0000	0.000	56389.1	3.304	BB	0.042	22369.08	2.859
56	5.494		0.0000	0.000	6803.9	0.399	BB	0.026	4315.09	0.552
57	5.575		0.0000	0.000	128771.6	7.545	BB	0.038	56702.89	7.248
58	5.670		0.0000	0.000	6218.4	0.364	BB	0.020	5186.51	0.663
59	5.706		0.0000	0.000	16124.9	0.945	BB	0.025	10647.63	1.361
60	5.768		0.0000	0.000	171396.7	10.042	BB	0.039	73423.77	9.385
61	5.910		0.0000	0.000	126103.5	7.389	BB	0.035	59813.64	7.645
62	5.977		0.0000	0.000	7080.4	0.415	BB	0.023	5030.74	0.643

ASX85 3641

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.038		0.0000	0.000	15869.8	0.930	BB	0.023	11379.80	1.455
64	6.086		0.0000	0.000	96254.6	5.640	BB	0.028	57615.46	7.364
65	6.126		0.0000	0.000	22063.5	1.293	BB	0.021	17794.93	2.275
66	6.179		0.0000	0.000	22363.4	1.310	BB	0.024	15436.93	1.973
67	6.312		0.0000	0.000	14385.2	0.843	BB	0.037	6532.91	0.835
68	6.383		0.0000	0.000	109933.5	6.441	BB	0.042	44046.53	5.630
69	6.480		0.0000	0.000	30219.9	1.771	BB	0.027	19000.34	2.429
70	6.522		0.0000	0.000	6168.4	0.361	BB	0.018	5655.25	0.723
71	6.559		0.0000	0.000	5378.3	0.315	BB	0.019	4772.64	0.610
72	6.632		0.0000	0.000	261436.0	15.318	BB	0.041	107539.30	13.746
73	6.841		0.0000	0.000	71.4	0.004	BB	0.006	198.09	0.025
74	6.917		0.0000	0.000	28470.3	1.668	BB	0.028	17124.33	2.189
75	6.978		0.0000	0.000	183594.5	10.757	BB	0.038	79489.28	10.160
76	7.193		0.0000	0.000	1419.7	0.083	BB	0.027	892.20	0.114
77	7.257		0.0000	0.000	7971.3	0.467	BB	0.044	2993.26	0.383
78	7.374		0.0000	0.000	28457.0	1.667	BB	0.039	12106.62	1.547
79	7.543		0.0000	0.000	76842.5	4.502	BB	0.043	29702.32	3.797
80	7.726		0.0000	0.000	141.2	0.008	BB	0.010	247.06	0.032
81	7.760		0.0000	0.000	458.6	0.027	BB	0.019	409.32	0.052
82	7.792		0.0000	0.000	588.6	0.034	BB	0.041	237.70	0.030
83	7.859		0.0000	0.000	439.3	0.026	BB	0.034	213.93	0.027
84	7.899		0.0000	0.000	17965.4	1.053	BB	0.046	6559.79	0.838
85	8.083		0.0000	0.000	404.6	0.024	BB	0.022	308.96	0.039
86	8.146		0.0000	0.000	94.3	0.006	BB	0.007	223.50	0.029
87	8.159		0.0000	0.000	79.9	0.005	BB	0.011	120.00	0.015
88	8.219	DCB	402.8418	53.543	10821.6	0.634	BB	0.049	3705.56	0.474
89	8.360		0.0000	0.000	211.6	0.012	BB	0.018	196.84	0.025
90	8.534		0.0000	0.000	203.7	0.012	BB	0.013	262.09	0.034
91	8.566		0.0000	0.000	112.8	0.007	BB	0.007	262.87	0.034
92	8.597		0.0000	0.000	4351.5	0.255	BB	0.036	2040.26	0.261
93	8.660		0.0000	0.000	618.3	0.036	BB	0.034	302.59	0.039
94	8.727		0.0000	0.000	407.6	0.024	BB	0.021	323.99	0.041
95	8.771		0.0000	0.000	24.2	0.001	BB	0.002	169.68	0.022
96	8.791		0.0000	0.000	180.2	0.011	BB	0.009	344.28	0.044
97	8.831		0.0000	0.000	264.8	0.016	BB	0.071	61.74	0.008
98	8.885		0.0000	0.000	332.1	0.019	BB	0.022	253.92	0.032
99	8.920		0.0000	0.000	331.1	0.019	BB	0.019	293.49	0.038
100	8.984		0.0000	0.000	1459.6	0.086	BB	0.052	469.40	0.060
101	9.051		0.0000	0.000	485.2	0.028	BB	0.027	296.41	0.038
102	9.076		0.0000	0.000	39.2	0.002	BB	0.006	115.80	0.015
103	9.113		0.0000	0.000	252.0	0.015	BB	0.014	292.42	0.037
104	9.209		0.0000	0.000	223.8	0.013	BB	0.016	230.09	0.029
105	9.226		0.0000	0.000	744.4	0.044	BB	0.039	315.82	0.040
106	9.307		0.0000	0.000	105.9	0.006	BB	0.006	289.59	0.037
107	9.340		0.0000	0.000	356.4	0.021	BB	0.023	258.04	0.033
108	9.396		0.0000	0.000	89.6	0.005	BB	0.009	166.34	0.021
109	9.435		0.0000	0.000	505.1	0.030	BB	0.025	342.59	0.044
110	9.526		0.0000	0.000	38.4	0.002	BB	0.006	109.80	0.014
111	9.565		0.0000	0.000	458.4	0.027	BB	0.031	250.31	0.032
112	9.627		0.0000	0.000	385.3	0.023	BB	0.024	270.06	0.035
113	9.643		0.0000	0.000	248.5	0.015	BB	0.025	167.39	0.021
114	9.693		0.0000	0.000	9565.1	0.560	BB	0.174	914.20	0.117
115	9.950		0.0000	0.000	37397.7	2.191	BB	0.084	7422.24	0.949

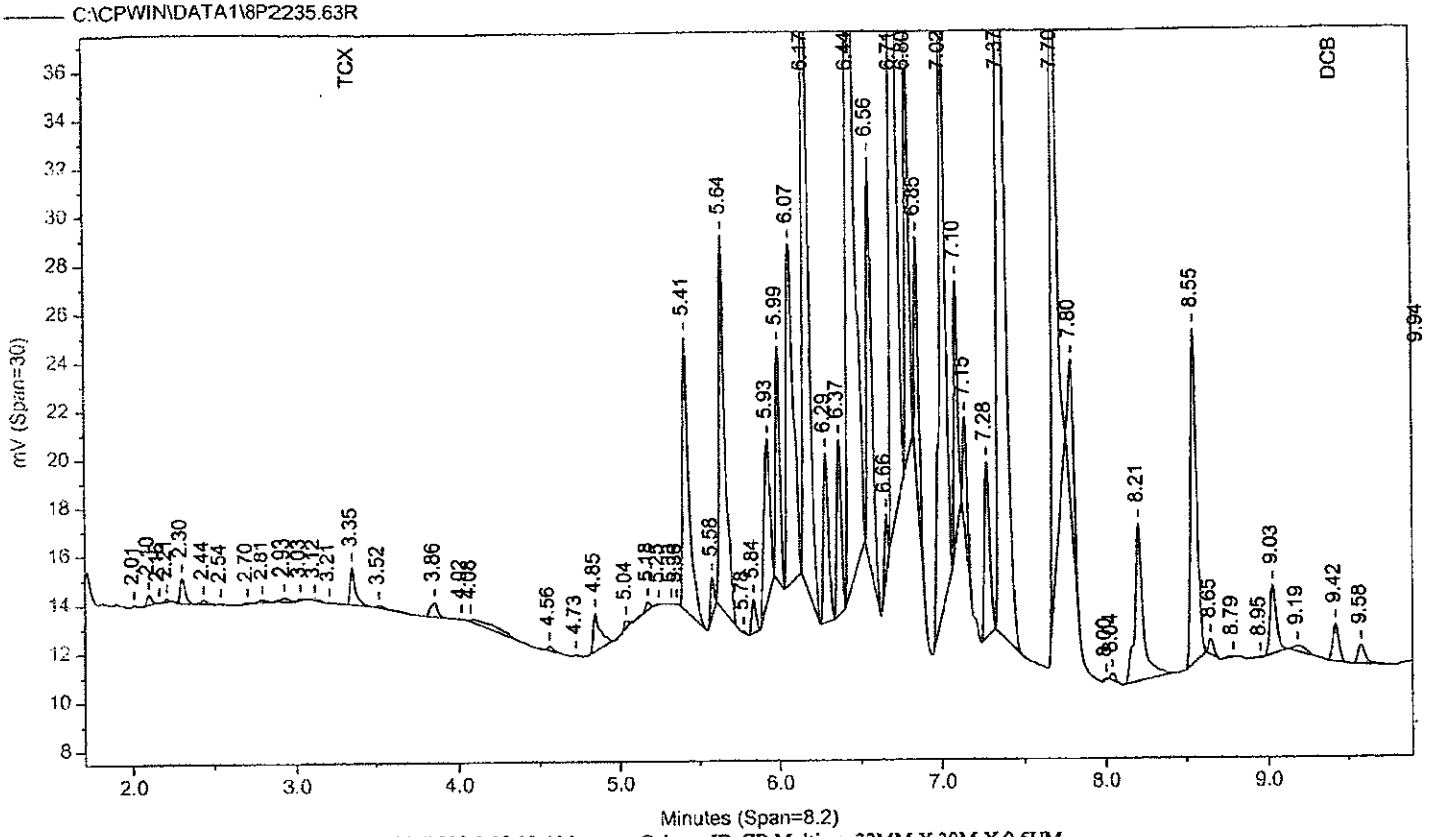
Total Area = 1706716.0, Total Amount = 752.372, Total Height = 782354.8, Sample Units = ug/l

ASX85 0642

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.63R

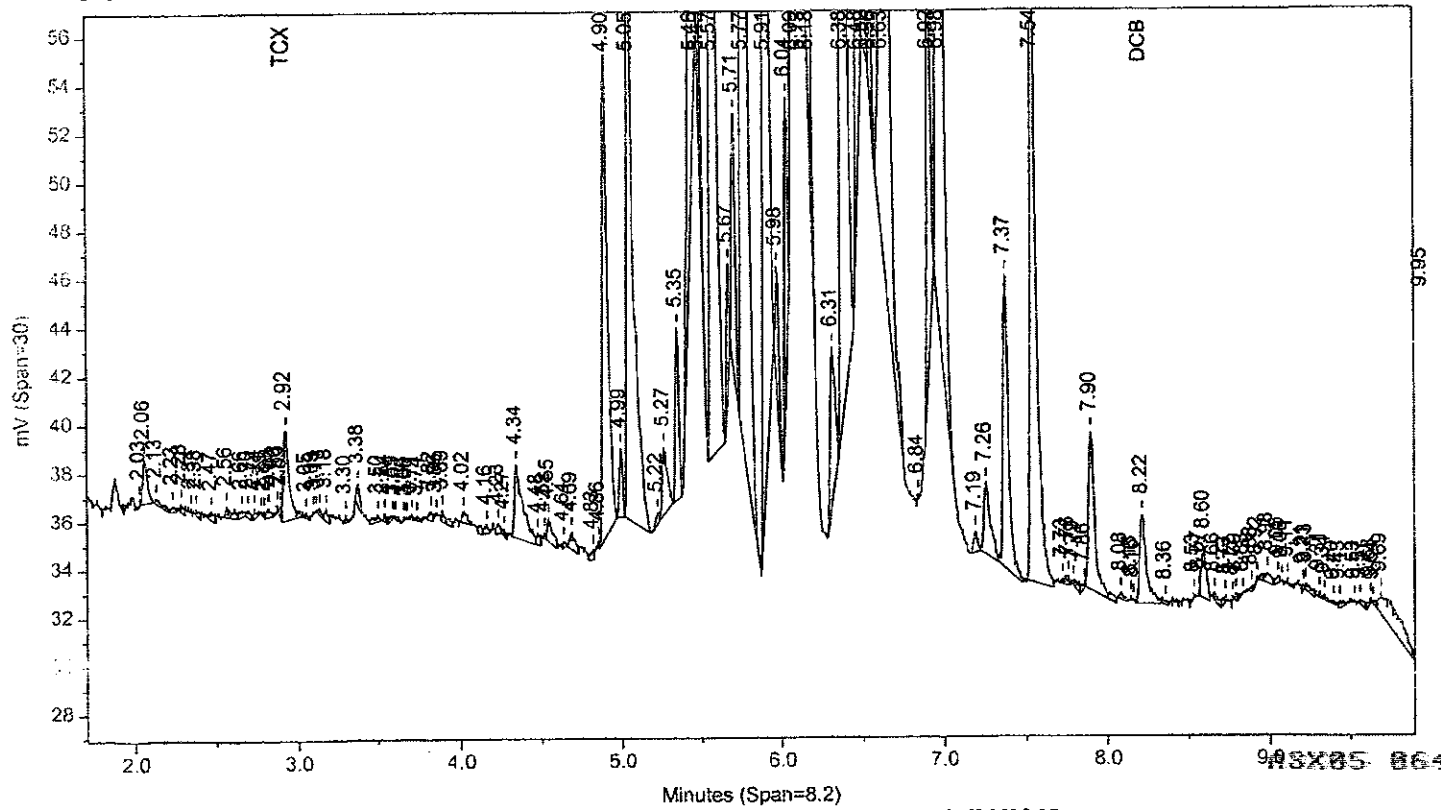
C:\CPWIN\DATA1\8P2235.63R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 1:18:12 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.63R

C:\CPWIN\DATA1\8P2235B.63R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 1:18:12 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

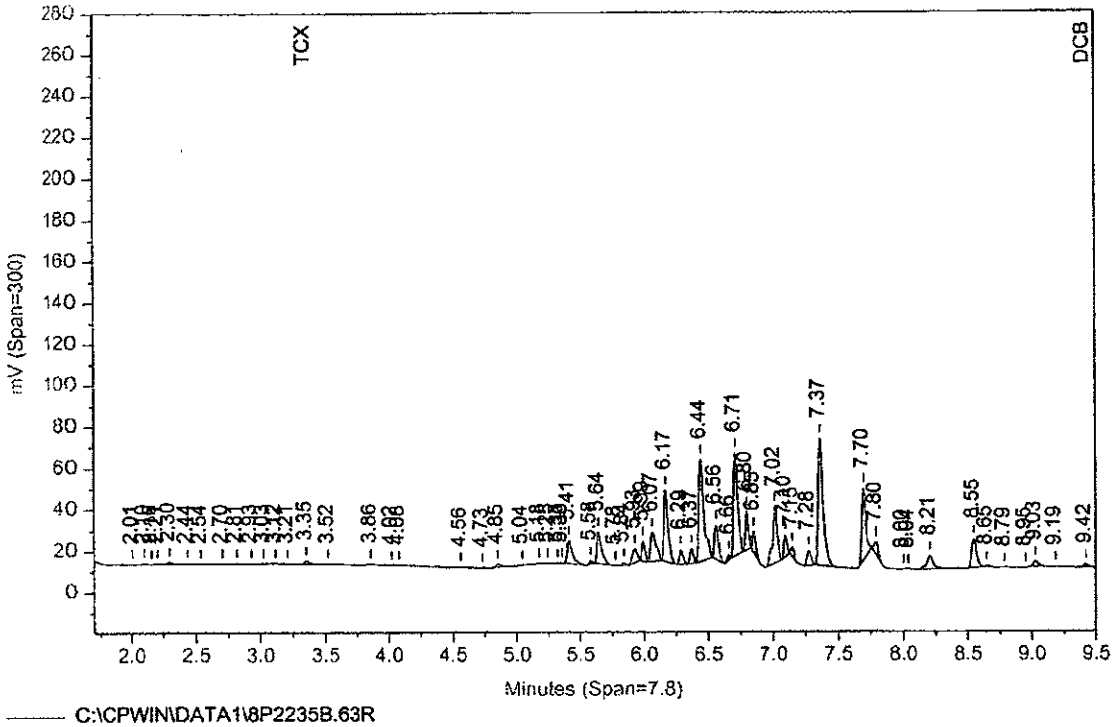
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	1555	8.12572	TCX	2.924	3724	11.65101	TCX
9.423	1531	11.16205	DCB	8.219	3706	13.42806	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.63A
Area File: C:\CPWIN\DATA1\8P2235B.63A
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 1:28:14 AM
File Reported On: 9/5/2008 at 1:28:22 AM

10X REPLOTS

ASX05 8644

C:\CPWIN\DATA1\8P2235.63R



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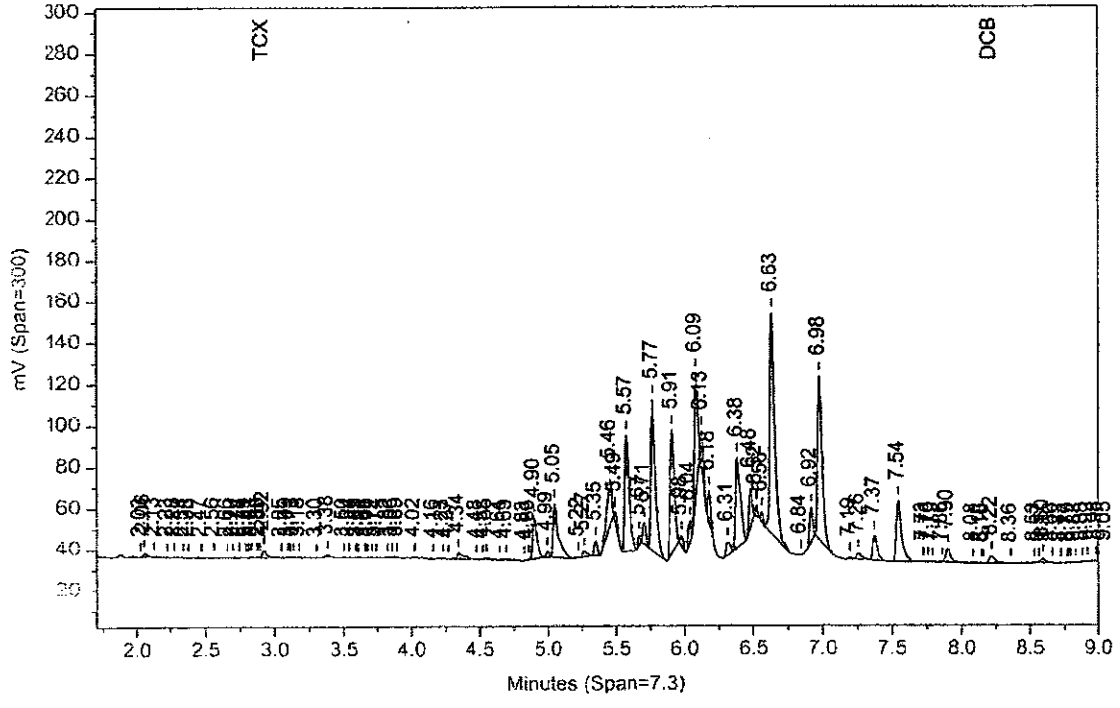


ASX85 8645

Multiple Component Data Summary

Sample Name: 5454449 ACF DF10 AMS2- Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 01:32:38
Instrument H2601A
Result file 8P2235.64R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 86.0% Conc: 8.575397
%SSR(DCB) 117.1% Conc: 11.72384

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.87**	
6.03	6.07	6.09	27091.30664	1285.339516			1
6.14	6.17	6.20	64559.62890	1504.17539			2
6.41	6.44	6.47	96076.29687	1914.192284			3
6.68	6.71	6.74	101192.1171	1858.602883			4
6.77	6.80	6.83	36324.73046	1204.289872			5
6.98	7.01	7.04	44247.13281	1345.958875			6

Height summation: **369491.212892**
Concentration CF: **1518.759803** L:

Analysis Report (B)

Injected on Sep 05, 2008 01:32:38
Instrument H2601B
Result file 8P2235B.64R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 104.1% Conc: 10.3820
%SSR(DCB) 129.2% Conc: 12.9365

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**13.08**	
5.43	5.46	5.49	41215.96875	1525.341154			1
5.54	5.57	5.60	105387.6953	1461.034557			2
5.74	5.77	5.80	136912.0312	1628.192043			3
6.06	6.09	6.12	102934.7578	1821.801395			4
6.35	6.38	6.41	83823.9375	1311.675547			5
7.51	7.54	7.57	60209.37890	1305.783828			6

Height summation: **530483.769532**
Concentration CF: **1508.971421** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<170	<33			4	15	
Aroclor-1221			<170	<52			3	5	
Aroclor-1232			<170	<33			4	10	
Aroclor-1242			<170	<33			4	30	
Aroclor-1248			<170	<33			4	30	
Aroclor-1254			<170	<33			4	40	
Aroclor-1260	A	1518.759803	170	33		0.65	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 0646

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454449** ACF DF10 AMS2- Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 01:32:38
Instrument : CP02--H2601A
Result file : 8P2235.64R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 86% Conc.: 8.575397
%SSR(DCB) : 117.1% Conc.: 11.723845

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	211.85	
4.26	4.29	4.32	136.309921	5.458773			2
4.55	4.56	4.61	209.83313	3.766266			3
4.71	4.73	4.77	124.302338	5.42587			4
5.14	5.18	5.20	614.06189	34.062094			5
5.38	5.41	5.44	21367.30859	1102.755978			6
Height Summation:			**22451.815873**				
Amount Avg CF:			**230.293796**	Linear:			
Aroclor-1221					1		
3.65	3.66	3.71	107.838394	12.824164			2
Height Summation:			**107.838394**				
Amount Avg CF:			**12.824164**	Linear:			
Aroclor-1232					5	221.22	
4.26	4.29	4.32	136.309921	11.387629			2
4.55	4.56	4.61	209.83313	7.720556			3
4.70	4.73	4.76	124.302338	11.679806			4
5.13	5.18	5.19	614.06189	72.622777			5
E 5.38	5.41	5.44	21367.30859	12010.853622			6
Height Summation:			**22451.815873**				
Amount Avg CF:			**2422.852878**	Linear:			
Aroclor-1242					5	219.92	
4.26	4.29	4.32	136.309921	6.809027			2
4.55	4.56	4.61	209.83313	4.756503			3
4.71	4.73	4.77	124.302338	6.936321			4
5.14	5.18	5.20	614.06189	41.263441			5
E 5.38	5.41	5.44	21367.30859	4464.077843			6
Height Summation:			**22451.815873**				
Amount Avg CF:			**904.768627**	Linear:			
Aroclor-1248					5	89.99	
4.55	4.56	4.61	209.83313	7.538962			1
5.01	5.04	5.07	679.275757	22.693313			2
5.62	5.64	5.68	29424.46875	947.250742			4
5.96	6.00	6.02	18903.29882	1152.477139			5
6.26	6.29	6.32	13063.91308	1126.044088			6
Height Summation:			**62280.789551**				
Amount Avg CF:			**651.200849**	Linear:			
Aroclor-1254					6	93.42	
4.82	4.85	4.88	3046.70166	131.82234			1
5.61	5.64	5.67	29424.46875	767.046032			2
5.96	6.00	6.02	18903.29882	344.253532			3
6.26	6.29	6.32	13063.91308	315.227721			4
6.52	6.56	6.58	33715.00390	1197.499463			5
6.68	6.71	6.74	101192.1171	2182.372501			6
Height Summation:			**199345.503418**				
Amount Avg CF:			**823.036932**	Linear:			
Aroclor-1260					6	19.87	
6.03	6.07	6.09	27091.30664	1285.339516			1
6.14	6.17	6.20	64559.62890	1504.17539			2
6.41	6.44	6.47	96076.29687	1914.192284			3
6.68	6.71	6.74	101192.1171	1858.602883			4
6.77	6.80	6.83	36324.73046	1204.289872			5
6.98	7.01	7.04	44247.13281	1345.958875			6
Height Summation:			**369491.212892**				
Amount Avg CF:			**1518.759803**	Linear:			

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:51:20

Analysis Report (B)

Injected on : SEP 05, 2008 01:32:38
Instrument : CP02--H2601B
Result file : 8P2235B.64R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 104.1% Conc.: 10.382068
%SSR(DCB) : 129.2% Conc.: 12.936556

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	130.37	
3.32	3.37	3.38	2965.110596	78.755225			1
+ 3.65	3.67	3.71	144.013794	2.551739			2
3.65	3.70	3.71	255.340881	4.524312			2
3.84	3.86	3.90	265.766113	6.241472			3
+ 4.08	4.09	4.14	173.947372	1.823918			4
4.08	4.12	4.14	489.777771	5.135544			4
+ 4.66	4.67	4.72	154.079025	4.852412			6
4.66	4.69	4.72	874.138794	27.52926			6
Height Summation:			**4850.134155**				
Amount Avg CF:			**24.437163**	Linear:			
Aroclor-1221					3	76.04	
3.14	3.17	3.20	502.597443	23.936631			1
3.23	3.25	3.29	173.254852	11.49858			2
+ 3.32	3.32	3.38	323.766357	6.192456			3
3.32	3.37	3.38	2965.110596	56.711625			3
Height Summation:			**3640.962891**				
Amount Avg CF:			**30.715612**	Linear:			
Aroclor-1232					7	184.74	
+ 3.32	3.32	3.38	323.766357	7.472279			1
3.32	3.37	3.38	2965.110596	68.432472			1
+ 3.65	3.67	3.71	144.013794	4.807431			2
3.65	3.70	3.71	255.340881	8.523722			2
3.83	3.86	3.89	265.766113	12.724606			3
+ 4.07	4.09	4.13	173.947372	3.520917			4
4.07	4.12	4.13	489.777771	9.913727			4
E 4.34	4.35	4.40	5388.410645	452.541416			5
+ 4.65	4.66	4.71	148.494415	9.239037			6
4.65	4.67	4.71	154.079025	9.5865			6
4.65	4.69	4.71	874.138794	54.387232			6
Height Summation:			**10392.623825**				
Amount Avg CF:			**88.015668**	Linear:			
Aroclor-1242					5	125.64	
3.32	3.37	3.38	2965.110596	94.274151			1
+ 3.65	3.67	3.71	144.013794	3.222434			2
3.65	3.70	3.71	255.340881	5.713474			2
3.84	3.86	3.90	265.766113	7.700352			3
+ 4.08	4.09	4.14	173.947372	2.310104			4
4.08	4.12	4.14	489.777771	6.504482			4
+ 4.66	4.67	4.72	154.079025	6.649362			6
4.66	4.69	4.72	874.138794	37.723925			6
Height Summation:			**4850.134155**				
Amount Avg CF:			**30.383277**	Linear:			
Aroclor-1248					4	176.31	
4.14	4.19	4.20	235.203873	21.954627			1
4.52	4.55	4.58	1947.541382	39.420531			3
+ 4.66	4.67	4.72	154.079025	4.381492			4
4.66	4.69	4.72	874.138794	24.857583			4
4.87	4.90	4.93	36354.21484	883.363703			5
Height Summation:			**39411.098893**				
Amount Avg CF:			**242.399111**	Linear:			

ASX05 0647

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454449** ACF DF10 AMS2- Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 100 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on : SEP 05, 2008 01:32:38
Instrument : CP02--H2601A
Result file : 8P2235.64R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	48.82	
6.03	6.07	6.09	27091.30664	1089.619019			1
6.13	6.17	6.19	64559.62890	1648.790086			2
6.40	6.44	6.46	96076.29687	2233.396536			3
6.67	6.71	6.73	101192.1171	2606.632108			4
6.76	6.80	6.82	36324.73046	685.88889			5
+ 6.98	6.98	7.04	1950.95813	44.423818			6
6.98	7.01	7.04	44247.13281	1007.518575			6
Height Summation:			369491.212892				
Amount Avg CF:			1545.307536	Linear:			
Aroclor-1268					6	91.36	
6.76	6.80	6.82	36324.73046	1535.086894			1
7.00	7.01	7.06	44247.13281	1541.626			2
7.66	7.69	7.72	69280.57812	617.726004			3
8.01	8.04	8.07	608.560547	6.577048			4
8.14	8.16	8.20	515.669373	22.113302			5
8.51	8.54	8.57	28601.25976	773.223523			6
Height Summation:			179577.931093				
Amount Avg CF:			749.392129	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 01:32:38
Instrument : CP02--H2601B
Result file : 8P2235B.64R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1254					6	109.29	
5.24	5.27	5.30	4551.134277	159.986374			1
5.32	5.35	5.38	12498.62695	244.771631			2
5.41	5.46	5.47	41215.96875	443.687605			3
5.64	5.67	5.70	8082.037598	123.580711			4
5.94	5.98	6.00	8431.788086	222.147436			5
6.05	6.09	6.11	102934.7578	1332.961911			6
Height Summation:			177714.313477				
Amount Avg CF:			421.189278	Linear:			
Aroclor-1260					6	13.08	
5.43	5.46	5.49	41215.96875	1525.341154			1
5.54	5.57	5.60	105387.6953	1461.034557			2
5.74	5.77	5.80	136912.0312	1628.192043			3
6.06	6.09	6.12	102934.7578	1821.801395			4
6.35	6.38	6.41	83823.9375	1311.675547			5
7.51	7.54	7.57	60209.37890	1305.783828			6
Height Summation:			530483.769532				
Amount Avg CF:			1508.971421	Linear:			
Aroclor-1262					6	88.91	
E 6.05	6.09	6.11	102934.7578	3344.45911			1
6.14	6.18	6.20	30943.18945	1222.699138			2
6.44	6.48	6.50	36529.33593	990.533568			3
6.88	6.92	6.94	32285.25	473.522741			4
7.34	7.37	7.40	25248.33203	876.222724			5
7.86	7.90	7.92	13585.55273	415.730156			6
Height Summation:			241526.417969				
Amount Avg CF:			1220.527906	Linear:			
Aroclor-1268					6	156.32	
6.10	6.12	6.16	31941.64648	784.391138			1
6.35	6.38	6.41	83823.9375	1617.904773			2
E 6.60	6.63	6.66	208865.5625	9254.877779			3
6.94	6.97	7.00	157978.5312	932.494796			4
7.16	7.19	7.22	1821.90686	10.591239			5
7.51	7.54	7.57	60209.37890	760.306981			6
Height Summation:			544640.963500				
Amount Avg CF:			2226.761118	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			170	33		** 161.63	4	15	
Aroclor-1221			170	52		** 82.18	3	5	
Aroclor-1232			170	33	E	** 185.98	4	10	
Aroclor-1242			170	33	E	** 187.00	4	30	
Aroclor-1248			170	33		** 91.50	4	30	
Aroclor-1254			170	33		** 64.59	4	40	
Aroclor-1260			170	33		0.65	4	40	
Aroclor-1262			0	0		23.49	4	40	
Aroclor-1268			0	0		** 99.28	4	40	

Units: _____

ASX05 0648

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:51:20

Sample Name: **5454449ACF DF10 ACAMS2- T 082460004A 01216**
Acquired from CP02--H2601A via port 1 on 9/5/08 01:42:38am 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\8P2235.64R**
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	2.004		0.0000	0.000	23.1	0.001	BB	0.017	22.41	0.003
2	2.099		0.0000	0.000	3420.4	0.163	BB	0.042	1372.93	0.154
3	2.205		0.0000	0.000	2224.8	0.106	BB	0.035	1056.00	0.118
4	2.300		0.0000	0.000	5973.3	0.284	BB	0.037	2660.71	0.298
5	2.435		0.0000	0.000	650.2	0.031	BB	0.041	262.94	0.029
6	2.543		0.0000	0.000	322.9	0.015	BB	0.045	118.60	0.013
7	2.628		0.0000	0.000	70.1	0.003	BB	0.030	39.13	0.004
8	2.817		0.0000	0.000	683.2	0.032	BB	0.107	105.92	0.012
9	2.898		0.0000	0.000	76.3	0.004	BB	0.021	60.42	0.007
10	2.927		0.0000	0.000	243.2	0.012	BB	0.028	142.63	0.016
11	3.026		0.0000	0.000	215.9	0.010	BB	0.036	101.04	0.011
12	3.118		0.0000	0.000	52.6	0.003	BB	0.023	37.30	0.004
13	3.289		0.0000	0.000	31.6	0.002	BB	0.024	21.70	0.002
14	3.352	TCX	257.2619	42.245	17213.2	0.819	BB	0.035	8203.37	0.920
15	3.525		0.0000	0.000	541.6	0.026	BB	0.044	204.71	0.023
16	3.662		0.0000	0.000	254.8	0.012	BB	0.039	107.84	0.012
17	3.860		0.0000	0.000	3442.1	0.164	BB	0.043	1330.48	0.149
18	4.018		0.0000	0.000	90.9	0.004	BB	0.027	55.96	0.006
19	4.101		0.0000	0.000	1094.4	0.052	BB	0.096	189.95	0.021
20	4.289		0.0000	0.000	295.6	0.014	BB	0.036	136.31	0.015
21	4.485		0.0000	0.000	122.2	0.006	BB	0.028	73.27	0.008
22	4.562		0.0000	0.000	728.0	0.035	BB	0.058	209.83	0.024
23	4.693		0.0000	0.000	36.1	0.002	BB	0.052	11.61	0.001
24	4.733		0.0000	0.000	233.6	0.011	BB	0.031	124.30	0.014
25	4.849		0.0000	0.000	9855.1	0.469	BB	0.054	3046.70	0.342
26	5.040		0.0000	0.000	1475.5	0.070	BB	0.036	679.28	0.076
27	5.176		0.0000	0.000	1549.6	0.074	BB	0.042	614.06	0.069
28	5.254		0.0000	0.000	425.6	0.020	BB	0.070	101.51	0.011
29	5.362		0.0000	0.000	137.5	0.007	BB	0.024	97.27	0.011
30	5.415		0.0000	0.000	58609.6	2.787	BB	0.046	21367.31	2.397
31	5.582		0.0000	0.000	5203.7	0.247	BB	0.028	3138.23	0.352
32	5.644		0.0000	0.000	76015.8	3.615	BB	0.043	29424.47	3.300
33	5.840		0.0000	0.000	4724.0	0.225	BB	0.032	2464.12	0.276
34	5.929		0.0000	0.000	33915.2	1.613	BB	0.044	12987.18	1.457
35	5.997		0.0000	0.000	32902.0	1.565	BB	0.029	18903.30	2.120
36	6.067		0.0000	0.000	82532.7	3.925	BB	0.051	27091.31	3.039
37	6.168		0.0000	0.000	150216.9	7.144	BB	0.039	64559.63	7.241
38	6.289		0.0000	0.000	27852.6	1.325	BB	0.036	13063.91	1.465
39	6.370		0.0000	0.000	25114.9	1.194	BB	0.030	13771.18	1.545
40	6.441		0.0000	0.000	272283.0	12.949	BB	0.047	96076.30	10.776
41	6.557		0.0000	0.000	73720.2	3.506	BB	0.036	33715.00	3.781
42	6.662		0.0000	0.000	6889.1	0.328	BB	0.024	4692.86	0.526
43	6.709		0.0000	0.000	229385.0	10.909	BB	0.038	101192.10	11.350
44	6.796		0.0000	0.000	60849.7	2.894	BB	0.028	36324.73	4.074
45	6.853		0.0000	0.000	36367.8	1.730	BB	0.028	21374.44	2.397
46	6.983		0.0000	0.000	5249.3	0.250	BB	0.045	1950.96	0.219
47	7.014		0.0000	0.000	87144.3	4.144	BB	0.033	44247.13	4.963
48	7.094		0.0000	0.000	34757.4	1.653	BB	0.027	21102.11	2.367
49	7.147		0.0000	0.000	15166.8	0.721	BB	0.026	9652.68	1.083
50	7.277		0.0000	0.000	33079.2	1.573	BB	0.036	15529.06	1.742
51	7.361		0.0000	0.000	326797.6	15.542	BB	0.044	125035.90	14.024
52	7.693		0.0000	0.000	144297.9	6.863	BB	0.035	69280.58	7.770
53	7.789		0.0000	0.000	37427.0	1.780	BB	0.042	14797.79	1.660
54	8.003		0.0000	0.000	440.1	0.021	BB	0.028	262.13	0.029
55	8.040		0.0000	0.000	1110.7	0.053	BB	0.030	608.56	0.068
56	8.161		0.0000	0.000	1179.8	0.056	BB	0.038	515.67	0.058
57	8.205		0.0000	0.000	25707.6	1.223	BB	0.039	10965.45	1.230
58	8.438		0.0000	0.000	103.0	0.005	BB	0.032	54.31	0.006
59	8.544		0.0000	0.000	76870.5	3.656	BB	0.045	28601.26	3.208
60	8.647		0.0000	0.000	2454.8	0.117	BB	0.034	1192.14	0.134
61	8.776		0.0000	0.000	64.8	0.003	BB	0.047	22.77	0.003
62	8.819		0.0000	0.000	209.8	0.010	BB	0.044	79.25	0.009

ASX85 8649

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.933		0.0000	0.000	53.8	0.003	BB	0.024	36.89	0.004
64	9.030		0.0000	0.000	17649.6	0.839	BB	0.048	6187.51	0.694
65	9.336		0.0000	0.000	31.7	0.002	BB	0.022	23.69	0.003
66	9.421	DCB	351.7154	57.755	24343.6	1.158	BB	0.050	8041.22	0.902
67	9.580		0.0000	0.000	7577.8	0.360	BB	0.054	2326.18	0.261
68	9.921		0.0000	0.000	32874.1	1.563	BB	0.056	9745.65	1.093

Total Area = 2102657.0, Total Amount = 608.977, Total Height = 891593.1, Sample Units = ug/l

ASX05 0650

Sample Name: **5454449ACF DF10 ACAMS2- T 082460004A 01216**
Acquired from CP02--H2601B via port 2 on 9/5/08 01:42:38am 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\8P2235B.64R**
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	15372.0	0.471	BB	0.050	5123.39	0.347
2	2.284		0.0000	0.000	2601.2	0.080	BB	0.077	565.30	0.038
3	2.420		0.0000	0.000	227.7	0.007	BB	0.016	244.56	0.017
4	2.488		0.0000	0.000	298.9	0.009	BB	0.016	315.97	0.021
5	2.520		0.0000	0.000	99.2	0.003	BB	0.010	171.15	0.012
6	2.573		0.0000	0.000	2032.0	0.062	BB	0.068	501.50	0.034
7	2.775		0.0000	0.000	395.2	0.012	BB	0.021	312.84	0.021
8	2.810		0.0000	0.000	143.4	0.004	BB	0.018	130.67	0.009
9	2.840		0.0000	0.000	207.2	0.006	BB	0.011	309.59	0.021
10	2.873		0.0000	0.000	202.1	0.006	BB	0.012	280.03	0.019
11	2.923	TCX	311.4620	44.523	34779.8	1.065	BB	0.035	16592.60	1.125
12	3.091		0.0000	0.000	421.3	0.013	BB	0.018	382.30	0.026
13	3.124		0.0000	0.000	278.9	0.009	BB	0.012	379.50	0.026
14	3.174		0.0000	0.000	919.2	0.028	BB	0.030	502.60	0.034
15	3.222		0.0000	0.000	59.6	0.002	BB	0.009	114.89	0.008
16	3.254		0.0000	0.000	116.4	0.004	BB	0.011	173.25	0.012
17	3.318		0.0000	0.000	561.3	0.017	BB	0.029	323.77	0.022
18	3.372		0.0000	0.000	8007.4	0.245	BB	0.045	2965.11	0.201
19	3.453		0.0000	0.000	188.4	0.006	BB	0.016	192.22	0.013
20	3.489		0.0000	0.000	171.2	0.005	BB	0.015	196.21	0.013
21	3.521		0.0000	0.000	129.0	0.004	BB	0.010	219.10	0.015
22	3.556		0.0000	0.000	262.9	0.008	BB	0.016	266.49	0.018
23	3.673		0.0000	0.000	126.4	0.004	BB	0.015	144.01	0.010
24	3.696		0.0000	0.000	981.0	0.030	BB	0.064	255.34	0.017
25	3.805		0.0000	0.000	79.9	0.002	BB	0.009	142.26	0.010
26	3.856		0.0000	0.000	168.4	0.005	BB	0.011	265.77	0.018
27	3.906		0.0000	0.000	535.1	0.016	BB	0.026	343.99	0.023
28	3.990		0.0000	0.000	55.4	0.002	BB	0.007	138.27	0.009
29	4.021		0.0000	0.000	885.9	0.027	BB	0.026	563.23	0.038
30	4.089		0.0000	0.000	144.9	0.004	BB	0.014	173.95	0.012
31	4.123		0.0000	0.000	595.9	0.018	BB	0.020	489.78	0.033
32	4.191		0.0000	0.000	283.8	0.009	BB	0.020	235.20	0.016
33	4.277		0.0000	0.000	531.0	0.016	BB	0.024	365.32	0.025
34	4.346		0.0000	0.000	18824.2	0.576	BB	0.058	5388.41	0.365
35	4.500		0.0000	0.000	625.0	0.019	BB	0.028	370.48	0.025
36	4.549		0.0000	0.000	5640.2	0.173	BB	0.048	1947.54	0.132
37	4.657		0.0000	0.000	387.1	0.012	BB	0.043	148.49	0.010
38	4.674		0.0000	0.000	57.1	0.002	BB	0.006	154.08	0.010
39	4.690		0.0000	0.000	1469.3	0.045	BB	0.028	874.14	0.059
40	4.754		0.0000	0.000	548.4	0.017	BB	0.023	393.29	0.027
41	4.809		0.0000	0.000	455.5	0.014	BB	0.022	348.49	0.024
42	4.858		0.0000	0.000	240.2	0.007	BB	0.020	195.30	0.013
43	4.897		0.0000	0.000	82175.0	2.516	BB	0.038	36354.21	2.464
44	4.995		0.0000	0.000	7899.1	0.242	BB	0.024	5479.05	0.371
45	5.051		0.0000	0.000	135976.5	4.164	BB	0.047	48106.47	3.260
46	5.219		0.0000	0.000	967.2	0.030	BB	0.028	581.43	0.039
47	5.269		0.0000	0.000	10333.8	0.316	BB	0.038	4551.13	0.308
48	5.351		0.0000	0.000	20227.3	0.619	BB	0.027	12498.63	0.847
49	5.457		0.0000	0.000	98872.7	3.028	BB	0.040	41215.97	2.793
50	5.496		0.0000	0.000	14321.2	0.439	BB	0.023	10322.59	0.700
51	5.574		0.0000	0.000	238053.8	7.290	BB	0.038	105387.70	7.142
52	5.670		0.0000	0.000	9104.7	0.279	BB	0.019	8082.04	0.548
53	5.706		0.0000	0.000	31997.9	0.980	BB	0.025	21050.88	1.427
54	5.766		0.0000	0.000	328914.9	10.072	BB	0.040	136912.00	9.279
55	5.909		0.0000	0.000	242998.5	7.441	BB	0.036	112432.10	7.620
56	5.980		0.0000	0.000	10947.4	0.335	BB	0.022	8431.79	0.571
57	6.037		0.0000	0.000	29836.6	0.914	BB	0.024	21094.36	1.430
58	6.085		0.0000	0.000	171194.7	5.242	BB	0.028	102934.80	6.976
59	6.124		0.0000	0.000	40899.9	1.252	BB	0.021	31941.65	2.165
60	6.178		0.0000	0.000	47385.2	1.451	BB	0.026	30943.19	2.097
61	6.313		0.0000	0.000	28587.6	0.875	BB	0.036	13347.95	0.905
62	6.381		0.0000	0.000	212294.9	6.501	BB	0.042	83823.94	5.681

ASX05 0051

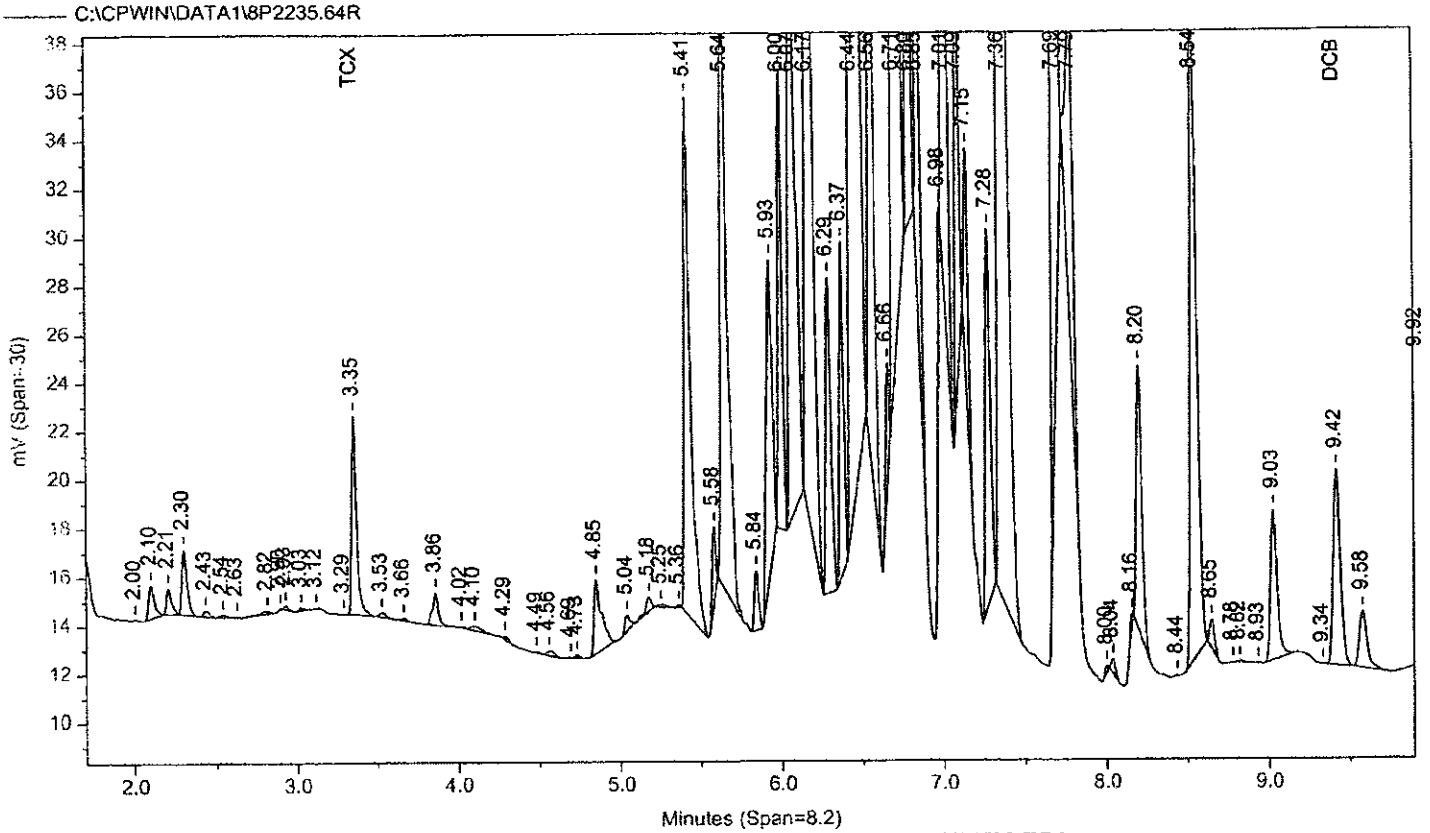
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.477		0.0000	0.000	57075.3	1.748	BB	0.026	36529.34	2.476
64	6.521		0.0000	0.000	12466.5	0.382	BB	0.018	11242.99	0.762
65	6.556		0.0000	0.000	10331.1	0.316	BB	0.019	9173.04	0.622
66	6.631		0.0000	0.000	529331.2	16.210	BB	0.042	208865.60	14.156
67	6.916		0.0000	0.000	52628.3	1.612	BB	0.027	32285.25	2.188
68	6.975		0.0000	0.000	375509.2	11.499	BB	0.040	157978.50	10.707
69	7.190		0.0000	0.000	3062.2	0.094	BB	0.028	1821.91	0.123
70	7.256		0.0000	0.000	16453.8	0.504	BB	0.042	6549.03	0.444
71	7.370		0.0000	0.000	59269.1	1.815	BB	0.039	25248.33	1.711
72	7.541		0.0000	0.000	163122.0	4.995	BB	0.045	60209.38	4.081
73	7.759		0.0000	0.000	481.4	0.015	BB	0.036	220.92	0.015
74	7.895		0.0000	0.000	36291.8	1.111	BB	0.045	13585.55	0.921
75	8.083		0.0000	0.000	939.4	0.029	BB	0.039	399.18	0.027
76	8.217	DCB	388.0967	55.477	49453.4	1.514	BB	0.046	17849.66	1.210
77	8.470		0.0000	0.000	109.8	0.003	BB	0.011	160.49	0.011
78	8.534		0.0000	0.000	555.6	0.017	BB	0.024	387.97	0.026
79	8.589		0.0000	0.000	15182.5	0.465	BB	0.047	5356.84	0.363
80	8.790		0.0000	0.000	217.6	0.007	BB	0.010	347.25	0.024
81	8.805		0.0000	0.000	98.6	0.003	BB	0.008	203.94	0.014
83	8.855		0.0000	0.000	192.4	0.006	BB	0.013	248.00	0.017
84	8.952		0.0000	0.000	598.0	0.018	BB	0.067	149.59	0.010
85	8.983		0.0000	0.000	639.5	0.020	BB	0.023	463.64	0.031
86	9.204		0.0000	0.000	124.1	0.004	BB	0.011	180.11	0.012
87	9.223		0.0000	0.000	162.3	0.005	BB	0.008	327.08	0.022
88	9.240		0.0000	0.000	749.3	0.023	BB	0.021	599.25	0.041
89	9.304		0.0000	0.000	92.3	0.003	BB	0.008	195.27	0.013
90	9.356		0.0000	0.000	56.0	0.002	BB	0.009	104.84	0.007
91	9.372		0.0000	0.000	90.9	0.003	BB	0.007	222.74	0.015
93	9.433		0.0000	0.000	476.4	0.015	BB	0.019	420.52	0.029
94	9.497		0.0000	0.000	790.3	0.024	BB	0.051	258.34	0.018
95	9.606		0.0000	0.000	56.6	0.002	BB	0.007	131.21	0.009
96	9.626		0.0000	0.000	182.1	0.006	BB	0.006	475.60	0.032
97	9.657		0.0000	0.000	467.1	0.014	BB	0.027	284.32	0.019
98	9.690		0.0000	0.000	6188.9	0.190	BB	0.192	538.31	0.036
99	9.925		0.0000	0.000	8445.5	0.259	BB	0.040	3537.96	0.240
100	9.944		0.0000	0.000	548.7	0.017	BB	0.035	262.44	0.018

Total Area = 3265538.0, Total Amount = 699.559, Total Height = 1475507.0, Sample Units = ug/l

ASX85 8652

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.64R

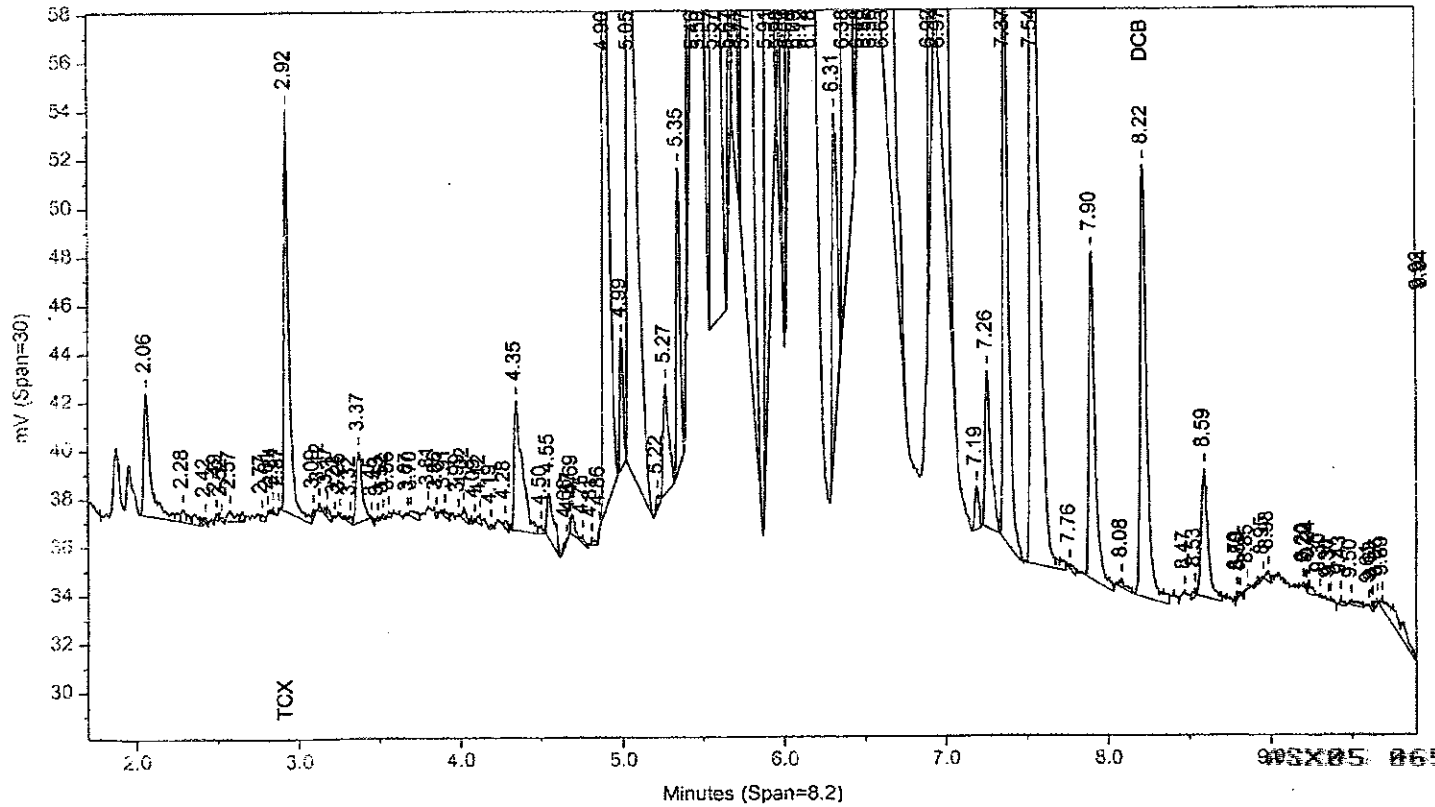
C:\CPWIN\DATA1\8P2235.64R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 1:32:38 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.64R

C:\CPWIN\DATA1\8P2235B.64R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 1:32:38 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

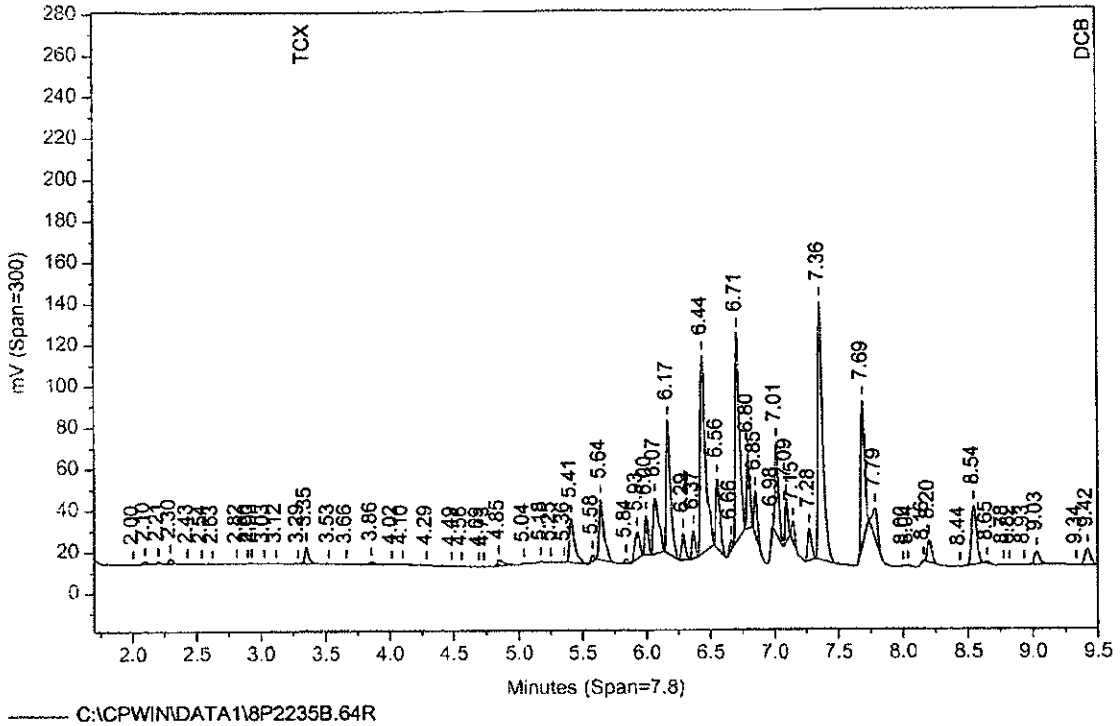
Dilution Factor: 100

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	8203	8.5754	TCX	2.923	16593	10.38207	TCX
9.421	8041	11.72385	DCB	8.217	17850	12.93656	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.64A
Area File: C:\CPWIN\DATA1\8P2235B.64A
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 1:42:42 AM
File Reported On: 9/5/2008 at 1:42:48 AM

10X REPLOTS

C:\CPWIN\DATA1\8P2235.64R



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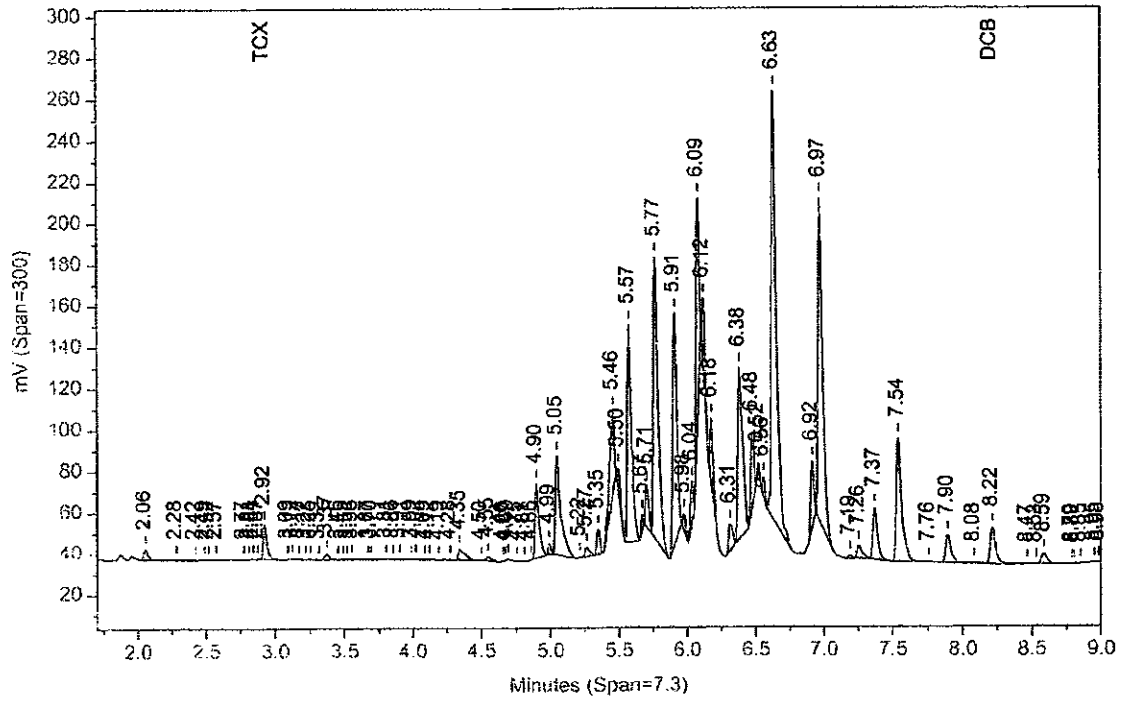


Standards Data

ASX85 0656

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					MIDPOINT RT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5		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

ASX05 0657

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 LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MIDPOINT RT	RT WINDOW FROM	TO
Tetrachloro-m-xylene			3.35			3.35	3.32	3.38
Decachlorobiphenyl			9.42			9.42	9.39	9.45

ASX05 0650

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

A8X05 0659

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 LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MIDPOINT RT	RT WINDOW FROM	TO
Tetrachloro-m-xylene			2.92			2.92	2.89	2.95
Decachlorobiphenyl			8.22			8.22	8.19	8.25

ASX85 0668

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						
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	%RSD
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

ASX05 0661

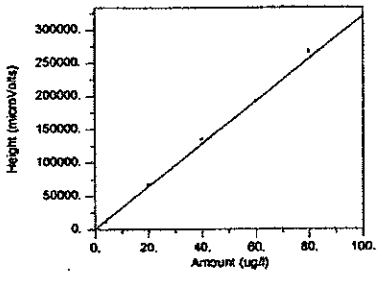
FORM VI-2

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



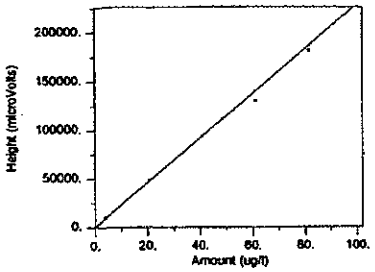
Calibration formula: Y = 3188.722 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9953, Average error = 6.25%
Average CF = 3188.7220 with RSD = 8.95%

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

ASX85 P662



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%

ASX05 0663

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

ASX85 8664

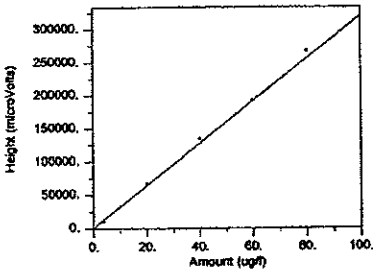
FORM VI-2

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. JBrillhart 2131 8-27-08
Audited By: Lafferty 2017 8.27.08

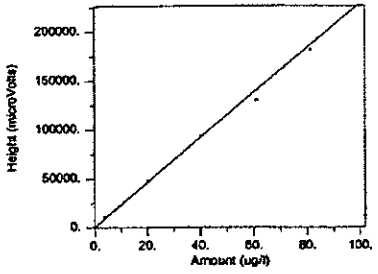
Calibration formula: Y = 3188.722 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9953, Average error = 6.25%
Average CF = 3188.7220 with RSD = 8.95%

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

ASX05 8665



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%

ASX85 8666

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

ASX05 0667

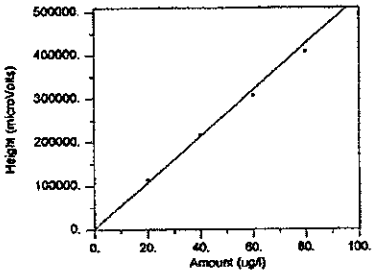
FORM VI-2

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



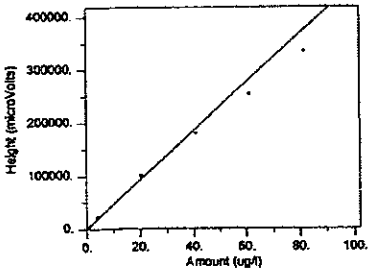
Calibration formula: Y = 5327.326 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9937, Average error = 3.42%
Average CF = 5327.3260 with RSD = 4.54%

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

ASX05 0668



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%

ASX05 0669

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

ASX05 0670

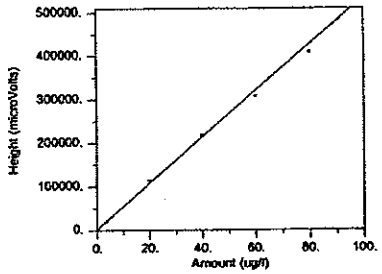
FORM VI-2

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



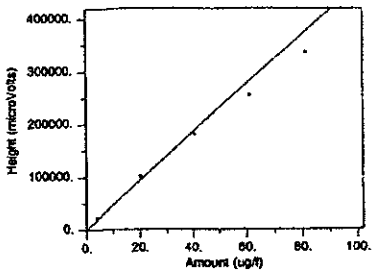
Calibration formula: Y = 5327.326 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9937, Average error = 3.42%
Average CF = 5327.3260 with RSD = 4.54%

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

ASX05 9671



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%

ASX85 6672

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	

ASX85 8673

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	

ASX05 0674

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-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	

ASX85 0675

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	

ASX05 0676

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	

ASX05 0677

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	

ASX85 8678

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-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	

ASX85 8679

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-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	

ASX05 0680

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-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	

ASX05 0681

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-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	

ASX85 0682

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	

ASX85 0683

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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-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	

ASX85 0684

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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	

ASX05 0685

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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	

0SX05 0686

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-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	

ASX05 0687

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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	

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	

ASX05 0689

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-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	

ASX85 0690

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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	

ASX85 8691

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	

ASX05 0692

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	

ASX85 2693

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	

ASX05 0694

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	

ASX05 0695

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	

ASX85 8696

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

ASX05 0697

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

ASX05 0698

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

ASX05 0699

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.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

ASX05 0700

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

ASX05 0781

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

ASX85 0702

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: 09/04/08
Lab File ID: 8P2235.36R
Time Analyzed: 18:48
Lab Standard ID: AR163FM
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	41.28	39.90	3.5
Decachlorobiphenyl	9.42	9.39	9.45	39.75	40.06	-0.8
Aroclor-1016	3.76	3.73	3.79	185.33	200.00	-7.3
	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	180.63	200.00	-9.7
	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: 5.3

ASX05 0703

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: 09/04/08

Lab File ID: 8P2235B.36R Time Analyzed: 18:48

Lab Standard ID: AR163FM 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	40.21	39.90	0.8
Decachlorobiphenyl	8.22	8.19	8.25	37.13	40.06	-7.3
Aroclor-1016	3.35	3.32	3.38	178.26	200.00	-10.9
	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	157.10	200.00	-21.5
	5.58	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: 10.1

ASX05 0704

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: 09/04/08
Lab File ID: 8P2235.48R
Time Analyzed: 21:41
Lab Standard ID: AR162EY
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	20.06	19.95	0.5
Decachlorobiphenyl	9.42	9.39	9.45	20.18	20.03	0.7
Aroclor-1016	3.76	3.73	3.79	92.42	100.00	-7.6
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.73	4.71	4.77			
	5.17	5.14	5.20			
	5.42	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	94.60	100.00	-5.4
	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: 3.6

ASX85 0705

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: 09/04/08
Lab File ID: 8P2235B.48R
Time Analyzed: 21:41
Lab Standard ID: AR162EY
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	20.24	19.95	1.5
Decachlorobiphenyl	8.22	8.19	8.25	20.23	20.03	1.0
Aroclor-1016	3.35	3.32	3.38	92.78	100.00	-7.2
	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	103.26	100.00	3.3
	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: 3.3

ASX85 0786

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: 8P2235.60R
Time Analyzed: 0:34
Lab Standard ID: AR163FM
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	41.61	39.90	4.3
Decachlorobiphenyl	9.42	9.39	9.45	40.89	40.06	2.1
Aroclor-1016	3.76	3.73	3.79	191.40	200.00	-4.3
	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	200.01	200.00	0
	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: 2.7

ASX85 0707

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: 8P2235B.60R Time Analyzed: 0:34

Lab Standard ID: AR163FM 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	40.17	39.90	0.7
Decachlorobiphenyl	8.22	8.19	8.25	38.92	40.06	-2.8
Aroclor-1016	3.35	3.32	3.38	190.38	200.00	-4.8
	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	213.88	200.00	6.9
	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: 3.8

ASX05 0700

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: 8P2235.66R Time Analyzed: 2:01

Lab Standard ID: AR164DD Initial Calibration: 2P2235

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.36	3.32	3.38	60.20	59.85	0.6
Decachlorobiphenyl	9.43	9.39	9.45	59.07	60.09	-1.7
Aroclor-1016	3.76	3.73	3.79	498.78	500.00	-0.2
	4.29	4.26	4.32			
	4.58	4.55	4.61			
	4.74	4.71	4.77			
	5.18	5.14	5.20			
	5.42	5.38	5.44			
Aroclor-1260	6.07	6.03	6.09	499.05	500.00	-0.2
	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: .7

ASX05 0709

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: 8P2235B.66R
Time Analyzed: 2:01
Lab Standard ID: AR164DD
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	58.60	59.85	-2.1
Decachlorobiphenyl	8.23	8.19	8.25	54.19	60.09	-9.8
Aroclor-1016	3.35	3.32	3.38	466.97	500.00	-6.6
	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	469.05	500.00	-6.2
	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: 6.2

ASX05 0710

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: 15:17
Lab File ID: 9P2235.06R
Initial Calibration: 2P2235
Lab Standard ID: AR163FO

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/kg)	NOM AMOUNT (ug/kg)	%D
Tetrachloro-m-xylene	3.35	3.32	3.38	40.97	39.90	2.7
Decachlorobiphenyl	9.43	9.39	9.45	39.92	40.06	-0.4
Aroclor-1016	3.76	3.73	3.79	180.80	200.00	-9.6
	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	187.78	200.00	-6.1
	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: 4.7

ASX05 0711

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.06R
Time Analyzed: 15:17
Lab Standard ID: AR163FO
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	39.34	39.90	-1.4
Decachlorobiphenyl	8.22	8.19	8.25	38.19	40.06	-4.7
Aroclor-1016	3.35	3.32	3.38	182.17	200.00	-8.9
	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	182.66	200.00	-8.7
	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: 5.9

ASX85 0712

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

ASX05_0713

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

ASX05 0714

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		

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)

ASX05 0719

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)

ASX05 0720

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)

ASX05 0721

FORM VIII PEST

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)

ASX05 0722

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)

ASX05_0723

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)

ASX05 0724

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235 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	09/04/2008	10:22:37	2P2235	3.34	
002		CONDITIONER	09/04/2008	10:37:11	2P2235	3.35	9.41
003		CONDITIONER	09/04/2008	10:51:38	2P2235	3.35	9.42
004		CONDITIONER	09/04/2008	11:06:05	2P2235	3.35	9.42
005		CONDITIONER	09/04/2008	11:20:32	2P2235	3.35	9.42
006	AR163FJ	AR1630824A	09/04/2008	11:35:03	2P2235	3.35	9.43
007	PIBLKAA	IBLKX0824C	09/04/2008	11:49:30	2P2235	3.35	9.43
008	1135-	5454511	09/04/2008	12:03:58	2P2235	3.35	9.43
009	PBLK0H	BLANKA	09/04/2008	12:18:25	2P2235	3.35	9.43
010	LCSCO	LCSA	09/04/2008	12:32:54	2P2235	3.35	9.42
011	ARCS2	5452909	09/04/2008	12:47:22	2P2235	3.35	9.42
012	ARCS2MS	5452910	09/04/2008	13:01:52	2P2235	3.35	9.42
013	ARCS2MSD	5452911	09/04/2008	13:16:21	2P2235	3.35	9.43
014	AR164DA	AR1640824A	09/04/2008	13:30:48	2P2235	3.35	9.42
015	PIBLKAA	IBLKX0824C	09/04/2008	13:45:15	2P2235	3.35	9.42
016	C-253	5452905	09/04/2008	13:59:48	2P2235	3.35	9.42
017	C-200	5452906	09/04/2008	14:14:16	2P2235	3.35	9.43
018	C-200	5452906	09/04/2008	14:28:43	2P2235	3.35	9.42
019	C-214	5452907	09/04/2008	14:43:08	2P2235	3.35	9.43
020	C117-	5452908	09/04/2008	14:57:36	2P2235	3.35	9.43
021	ARC41	5452913	09/04/2008	15:12:03	2P2235	3.35	9.42
022	ARC28	5452914	09/04/2008	15:26:28	2P2235	3.35	9.42
023	C-106	5452915	09/04/2008	15:40:53	2P2235	3.35	9.42
024	ARC35	5452916	09/04/2008	15:55:33	2P2235	3.36	9.43
025	ARC35	5452916	09/04/2008	16:10:00	2P2235	3.35	9.43
026	ARC81	5452918	09/04/2008	16:24:30	2P2235	3.35	9.42
027	ARC90	5452919	09/04/2008	16:38:56	2P2235	3.35	9.43
028	ARC88	5452920	09/04/2008	16:53:24	2P2235	3.35	9.43
029	ARC97	5452921	09/04/2008	17:07:48	2P2235	3.35	9.43
030	ARC87	5452922	09/04/2008	17:22:15	2P2235	3.35	9.43
031	ARC86	5452923	09/04/2008	17:36:40	2P2235	3.35	9.42
032	ARC34	5452924	09/04/2008	17:51:07	2P2235	3.35	9.43
033	ARC70	5452926	09/04/2008	18:05:31	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)

ASX05 0725

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235 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	AR100	5452927	09/04/2008	18:19:57	2P2235	3.35	9.42
035	S2DU1	5452928	09/04/2008	18:34:22	2P2235	3.35	9.42
036	AR163FM	AR1630824A	09/04/2008	18:48:51	2P2235	3.35	9.42
037	PIBLKAA	IBLKX0824C	09/04/2008	19:03:17	2P2235	3.35	9.43
038	PBLK0T	BLANKA	09/04/2008	19:17:40	2P2235	3.35	9.43
039	LCSCZ	LCSA	09/04/2008	19:32:03	2P2235	3.35	9.42
040	S2DU2	5452929	09/04/2008	19:46:28	2P2235	3.35	9.42
041	AMS19	5454430	09/04/2008	20:00:56	2P2235	3.35	9.43
042	AMS20	5454431	09/04/2008	20:15:21	2P2235	3.35	9.43
043	AMS21	5454432	09/04/2008	20:29:45	2P2235	3.35	9.42
044	AMS22	5454433	09/04/2008	20:44:09	2P2235	3.35	9.42
045	AMS23	5454434	09/04/2008	20:58:33	2P2235	3.35	9.43
046	AMS43	5454435	09/04/2008	21:13:01	2P2235	3.35	
047	AMS24	5454436	09/04/2008	21:27:26	2P2235	3.35	9.42
048	AR162EY	AR1620824A	09/04/2008	21:41:52	2P2235	3.35	9.42
049	PIBLKAA	IBLKX0824C	09/04/2008	21:56:14	2P2235	3.35	9.43
050	AMS25	5454437	09/04/2008	22:10:38	2P2235	3.35	9.42
051	AMS26	5454438	09/04/2008	22:25:07	2P2235	3.36	9.42
052	AMS27	5454439	09/04/2008	22:39:33	2P2235	3.35	9.42
053	AMS31	5454440	09/04/2008	22:53:58	2P2235	3.35	9.43
054	AMS30	5454441	09/04/2008	23:08:22	2P2235	3.35	9.43
055	AMS29	5454442	09/04/2008	23:22:45	2P2235	3.35	9.42
056	AMS28	5454443	09/04/2008	23:37:14	2P2235	3.36	9.43
057	AMS32	5454444	09/04/2008	23:51:38	2P2235	3.35	9.43
058	AMS33	5454445	09/05/2008	00:06:05	2P2235	3.35	9.43
059	AMS33MS	5454446	09/05/2008	00:20:29	2P2235	3.35	9.43
060	AR163FM	AR1630824A	09/05/2008	00:34:54	2P2235	3.35	9.42
061	PIBLKAA	IBLKX0824C	09/05/2008	00:49:21	2P2235	3.35	9.43
062	AMS33MSD	5454447	09/05/2008	01:03:49	2P2235	3.35	9.43
063	AMS34	5454448	09/05/2008	01:18:12	2P2235	3.35	9.42
064	AMS2-	5454449	09/05/2008	01:32:38	2P2235	3.35	9.42
065	COMPR	5455229	09/05/2008	01:47:03	2P2235	3.35	9.43
066	AR164DD	AR1640824A	09/05/2008	02:01:32	2P2235	3.36	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)

ASX05 0726

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235 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	PIBLKAA	IBLKX0824C	09/05/2008	02:16:01	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)

ASX85 0727

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235B 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	09/04/2008	10:22:37	2P2235B	2.92	8.19
002		CONDITIONER	09/04/2008	10:37:11	2P2235B	2.92	8.22
003		CONDITIONER	09/04/2008	10:51:38	2P2235B	2.92	8.21
004		CONDITIONER	09/04/2008	11:06:05	2P2235B	2.92	8.21
005		CONDITIONER	09/04/2008	11:20:32	2P2235B	2.92	8.21
006	AR163FJ	AR1630824A	09/04/2008	11:35:03	2P2235B	2.92	8.23
007	PIBLKAA	IBLKX0824C	09/04/2008	11:49:30	2P2235B	2.92	8.22
008	1135-	5454511	09/04/2008	12:03:58	2P2235B	2.92	8.22
009	PBLK0H	BLANKA	09/04/2008	12:18:25	2P2235B	2.93	8.22
010	LCSCO	LCSA	09/04/2008	12:32:54	2P2235B	2.93	8.22
011	ARCS2	5452909	09/04/2008	12:47:22	2P2235B	2.92	8.22
012	ARCS2MS	5452910	09/04/2008	13:01:52	2P2235B	2.93	8.21
013	ARCS2MSD	5452911	09/04/2008	13:16:21	2P2235B	2.93	8.22
014	AR164DA	AR1640824A	09/04/2008	13:30:48	2P2235B	2.92	8.21
015	PIBLKAA	IBLKX0824C	09/04/2008	13:45:15	2P2235B	2.92	8.21
016	C-253	5452905	09/04/2008	13:59:48	2P2235B	2.93	8.22
017	C-200	5452906	09/04/2008	14:14:16	2P2235B	2.92	8.22
018	C-200	5452906	09/04/2008	14:28:43	2P2235B	2.92	8.21
019	C-214	5452907	09/04/2008	14:43:08	2P2235B	2.92	8.22
020	C117-	5452908	09/04/2008	14:57:36	2P2235B	2.92	8.22
021	ARC41	5452913	09/04/2008	15:12:03	2P2235B	2.93	8.21
022	ARC28	5452914	09/04/2008	15:26:28	2P2235B	2.92	8.22
023	C-106	5452915	09/04/2008	15:40:53	2P2235B	2.92	8.21
024	ARC35	5452916	09/04/2008	15:55:33	2P2235B	2.93	8.22
025	ARC35	5452916	09/04/2008	16:10:00	2P2235B	2.93	8.22
026	ARC81	5452918	09/04/2008	16:24:30	2P2235B	2.93	8.21
027	ARC90	5452919	09/04/2008	16:38:56	2P2235B	2.92	8.22
028	ARC88	5452920	09/04/2008	16:53:24	2P2235B	2.93	8.22
029	ARC97	5452921	09/04/2008	17:07:48	2P2235B	2.92	8.22
030	ARC87	5452922	09/04/2008	17:22:15	2P2235B	2.93	8.22
031	ARC86	5452923	09/04/2008	17:36:40	2P2235B	2.92	8.21
032	ARC34	5452924	09/04/2008	17:51:07	2P2235B	2.92	8.22
033	ARC70	5452926	09/04/2008	18:05:31	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)

ASX05 0728

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235B | 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	AR100	5452927	09/04/2008	18:19:57	2P2235B	2.92	8.22
035	S2DU1	5452928	09/04/2008	18:34:22	2P2235B	2.92	8.22
036	AR163FM	AR1630824A	09/04/2008	18:48:51	2P2235B	2.92	8.22
037	PIBLKAA	IBLKX0824C	09/04/2008	19:03:17	2P2235B	2.92	8.22
038	PBLK0T	BLANKA	09/04/2008	19:17:40	2P2235B	2.92	8.22
039	LCSCZ	LCSA	09/04/2008	19:32:03	2P2235B	2.92	8.22
040	S2DU2	5452929	09/04/2008	19:46:28	2P2235B	2.93	8.22
041	AMS19	5454430	09/04/2008	20:00:56	2P2235B	2.93	8.22
042	AMS20	5454431	09/04/2008	20:15:21	2P2235B	2.92	8.22
043	AMS21	5454432	09/04/2008	20:29:45	2P2235B	2.92	8.22
044	AMS22	5454433	09/04/2008	20:44:09	2P2235B	2.92	8.22
045	AMS23	5454434	09/04/2008	20:58:33	2P2235B	2.92	8.22
046	AMS43	5454435	09/04/2008	21:13:01	2P2235B	2.93	8.22
047	AMS24	5454436	09/04/2008	21:27:26	2P2235B	2.92	8.22
048	AR162EY	AR1620824A	09/04/2008	21:41:52	2P2235B	2.92	8.22
049	PIBLKAA	IBLKX0824C	09/04/2008	21:56:14	2P2235B	2.92	8.22
050	AMS25	5454437	09/04/2008	22:10:38	2P2235B	2.93	8.21
051	AMS26	5454438	09/04/2008	22:25:07	2P2235B	2.93	8.22
052	AMS27	5454439	09/04/2008	22:39:33	2P2235B	2.93	8.22
053	AMS31	5454440	09/04/2008	22:53:58	2P2235B	2.92	8.22
054	AMS30	5454441	09/04/2008	23:08:22	2P2235B	2.93	8.22
055	AMS29	5454442	09/04/2008	23:22:45	2P2235B	2.92	8.22
056	AMS28	5454443	09/04/2008	23:37:14	2P2235B	2.93	8.22
057	AMS32	5454444	09/04/2008	23:51:38	2P2235B	2.93	8.21
058	AMS33	5454445	09/05/2008	00:06:05	2P2235B	2.93	8.22
059	AMS33MS	5454446	09/05/2008	00:20:29	2P2235B	2.92	8.22
060	AR163FM	AR1630824A	09/05/2008	00:34:54	2P2235B	2.93	8.22
061	PIBLKAA	IBLKX0824C	09/05/2008	00:49:21	2P2235B	2.92	8.22
062	AMS33MSD	5454447	09/05/2008	01:03:49	2P2235B	2.93	8.22
063	AMS34	5454448	09/05/2008	01:18:12	2P2235B	2.92	8.22
064	AMS2-	5454449	09/05/2008	01:32:38	2P2235B	2.92	8.22
065	COMPR	5455229	09/05/2008	01:47:03	2P2235B	2.93	8.22
066	AR164DD	AR1640824A	09/05/2008	02:01:32	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)

ASX05 0729

8D
ANALYTICAL SEQUENCE

Sequence: 8P2235B 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	PIBLKAA	IBLKX0824C	09/05/2008	02:16:01	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)

ASX05 0730

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
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)

ASX05 0731

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

2P2235

ICAL Dates
08/26/2008 - 08/26/2008

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ICAL RT	QC Limits
3.35	(3.32 - 3.38 Minutes)
9.42	(9.39 - 9.45 Minutes)

ASX85 8732

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)

ASX05 0733

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
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)

ASX85 8734

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

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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	BLKX0824C	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	

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Set-up by: [signature] Date: 8-26-08

8/23/08

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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
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	CCAL	DB	2p2235.06R	PESTD.MET	1	1	1	0823899999	
7 IBLKX0824C	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	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

Q AR1630824A ccl/cate
MSK 9/25/08

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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

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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	

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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\8p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 67

Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
1 CONDITIONER	MISC	AA	8p2235.01R	PESTD.MET	1	1	1	0824799999	
2 CONDITIONER	MISC	AA	8p2235.02R	PESTD.MET	1	1	1	0824799999	
3 CONDITIONER	MISC	AA	8p2235.03R	PESTD.MET	1	1	1	0824799999	
4 CONDITIONER	MISC	AA	8p2235.04R	PESTD.MET	1	1	1	0824799999	
5 CONDITIONER	MISC	AA	8p2235.05R	PESTD.MET	1	1	1	0824799999	
6 AR1630824A	CCAL	FJ	8p2235.06R	PESTD.MET	1	1	1	0824799999	
7 IBLKX0824C	PIBLK	AA	8p2235.07R	PESTD.MET	1	1	1	0824799999	
8 5454511ACF	T	AB	8p2235.08R	PESTD.MET	30	10	1	082430024A	01216
9 BLANKA 9/2/08ACF	BLK	AB	8p2235.09R	PESTD.MET	30	10	1	082430024A	00042
10 LCSA 9/2/08ACF	LCS	AB	8p2235.10R	PESTD.MET	30	10	1	082430024A	00042
11 5452909ACF	T	AB	8p2235.11R	PESTD.MET	30	10	1	082430024A	00042
12 5452910MSACF	MS	AB	8p2235.12R	PESTD.MET	30	10	1	082430024A	00042
13 5452911MSDACF	MSD	AB	8p2235.13R	PESTD.MET	30	10	1	082430024A	00042
14 AR1640824A	CCAL	DA	8p2235.14R	PESTD.MET	1	1	1	0824799999	
15 IBLKX0824C	PIBLK	AA	8p2235.15R	PESTD.MET	1	1	1	0824799999	
16 5452905ACF	T	AB	8p2235.16R	PESTD.MET	30	10	1	082430024A	01216
17 5452906ACF	T	AB	8p2235.17R	PESTD.MET	30	10	1	082430024A	01216
18 5452906ACF DF5	T	AC	8p2235.18R	PESTD.MET	30	50	1	082430024A	01216
19 5452907ACF	T	AB	8p2235.19R	PESTD.MET	30	10	1	082430024A	01216
20 5452908ACF	T	AB	8p2235.20R	PESTD.MET	30	10	1	082430024A	01216
21 5452913ACF	T	AB	8p2235.21R	PESTD.MET	30	10	1	082430024A	01216
22 5452914ACF	T	AB	8p2235.22R	PESTD.MET	30	10	1	082430024A	01216
23 5452915ACF	T	AB	8p2235.23R	PESTD.MET	30	10	1	082430024A	01216
24 5452916ACF	T	AB	8p2235.24R	PESTD.MET	30	10	1	082430024A	01216
25 5452916ACF DF5	T	AC	8p2235.25R	PESTD.MET	30	50	1	082430024A	01216
26 5452918ACF	T	AB	8p2235.26R	PESTD.MET	30	10	1	082430024A	01216
27 5452919ACF	T	AB	8p2235.27R	PESTD.MET	30	10	1	082430024A	01216
28 5452920ACF	T	AB	8p2235.28R	PESTD.MET	30	10	1	082430024A	01216
29 5452921ACF	T	AB	8p2235.29R	PESTD.MET	30	10	1	082430024A	01216
30 5452922ACF	T	AB	8p2235.30R	PESTD.MET	30	10	1	082430024A	01216
31 5452923ACF	T	AB	8p2235.31R	PESTD.MET	30	10	1	082430024A	01216
32 5452924ACF	T	AB	8p2235.32R	PESTD.MET	30	10	1	082430024A	01216
33 5452926ACF	T	AB	8p2235.33R	PESTD.MET	30	10	1	082430024A	01216
34 5452927ACF	T	AB	8p2235.34R	PESTD.MET	30	10	1	082430024A	01216
35 5452928ACF	T	AB	8p2235.35R	PESTD.MET	30	10	1	082430024A	01216
36 AR1630824A	CCAL	FM	8p2235.36R	PESTD.MET	1	1	1	0824799999	
37 IBLKX0824C	PIBLK	AA	8p2235.37R	PESTD.MET	1	1	1	0824799999	
38 BLANKA 9/2/08ACF	BLK	AB	8p2235.38R	PESTD.MET	30	10	1	082460004A	00042
39 LCSA 9/2/08ACF	LCS	AB	8p2235.39R	PESTD.MET	30	10	1	082460004A	00042
40 5452929ACF	T	AB	8p2235.40R	PESTD.MET	30	10	1	082460004A	01216
41 5454430ACF DF100	T	AC	8p2235.41R	PESTD.MET	30	1000	1	082460004A	01216
42 5454431ACF DF100	T	AC	8p2235.42R	PESTD.MET	30	1000	1	082460004A	01216
43 5454432ACF DF10	T	AC	8p2235.43R	PESTD.MET	30	100	1	082460004A	01216
44 5454433ACF DF10	T	AC	8p2235.44R	PESTD.MET	30	100	1	082460004A	01216
45 5454434ACF DF5	T	AC	8p2235.45R	PESTD.MET	30	50	1	082460004A	01216
46 5454435ACF DF100	T	AC	8p2235.46R	PESTD.MET	30	1000	1	082460004A	01216
47 5454436ACF DF50	T	AC	8p2235.47R	PESTD.MET	30	500	1	082460004A	01216
48 AR1620824A	CCAL	EY	8p2235.48R	PESTD.MET	1	1	1	0824799999	
49 IBLKX0824C	PIBLK	AA	8p2235.49R	PESTD.MET	1	1	1	0824799999	
50 5454437ACF DF100	T	AC	8p2235.50R	PESTD.MET	30	1000	1	082460004A	01216

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\cp2\C-Drive\CPWIN\DATA1\8p2235.seq

Chromatography Directory: \\cp2\C-Drive\cpwin\DATA1

Method Directory: \\cp2\C-Drive\cpwin\DATA1

Number of Entries: 67

	Samplename	Code	ID	FileName	Method	Samp Wt	DF	Int Std	Batch Number	Analysis
51	5454438ACF DF100	T	AC	8p2235.51R	PESTD.MET	30	1000	1	082460004A	01216
52	5454439ACF DF50	T	AC	8p2235.52R	PESTD.MET	30	500	1	082460004A	01216
53	5454440ACF DF50	T	AC	8p2235.53R	PESTD.MET	30	500	1	082460004A	01216
54	5454441ACF DF50	T	AC	8p2235.54R	PESTD.MET	30	500	1	082460004A	01216
55	5454442ACF DF50	T	AC	8p2235.55R	PESTD.MET	30	500	1	082460004A	01216
56	5454443ACF	T	AB	8p2235.56R	PESTD.MET	30	10	1	082460004A	01216
57	5454444ACF DF100	T	AC	8p2235.57R	PESTD.MET	30	1000	1	082460004A	01216
58	5454445ACF DF100	T	AC	8p2235.58R	PESTD.MET	30	1000	1	082460004A	00042
59	5454446MSACF DF100	MS	AC	8p2235.59R	PESTD.MET	30	1000	1	082460004A	00042
60	AR1630824A	CCAL	FM	8p2235.60R	PESTD.MET	1	1	1	0824799999	
61	BLKX0824C	PIBLK	AA	8p2235.61R	PESTD.MET	1	1	1	0824799999	
62	5454447MSDACF DF100	MSD	AC	8p2235.62R	PESTD.MET	30	1000	1	082460004A	00042
63	5454448ACF DF50	T	AC	8p2235.63R	PESTD.MET	30	500	1	082460004A	01216
64	5454449ACF DF10	T	AC	8p2235.64R	PESTD.MET	30	100	1	082460004A	01216
65	5455229ACF	T	AB	8p2235.65R	PESTD.MET	30	10	1	082460004A	01216
66	AR1640824A	CCAL	DD	8p2235.66R	PESTD.MET	1	1	1	0824799999	
67	BLKX0824C	PIBLK	AA	8p2235.67R	PESTD.MET	1	1	1	0824799999	

ASX05 0739

Set-up by: James Brillhart 2131 Date: 9-5-08

9/4/2008

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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

9/6/2008

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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
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 IBLKX0824C	PIBLK	MT	9p2235.53R	PESTD.MET	1000	10	1	0824899999	

GSX05 0741

Set-up by: [signature] Date: 9/6/8

9/6/2008

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

ASX05 0742

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	137.66	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

ASX85. 8743

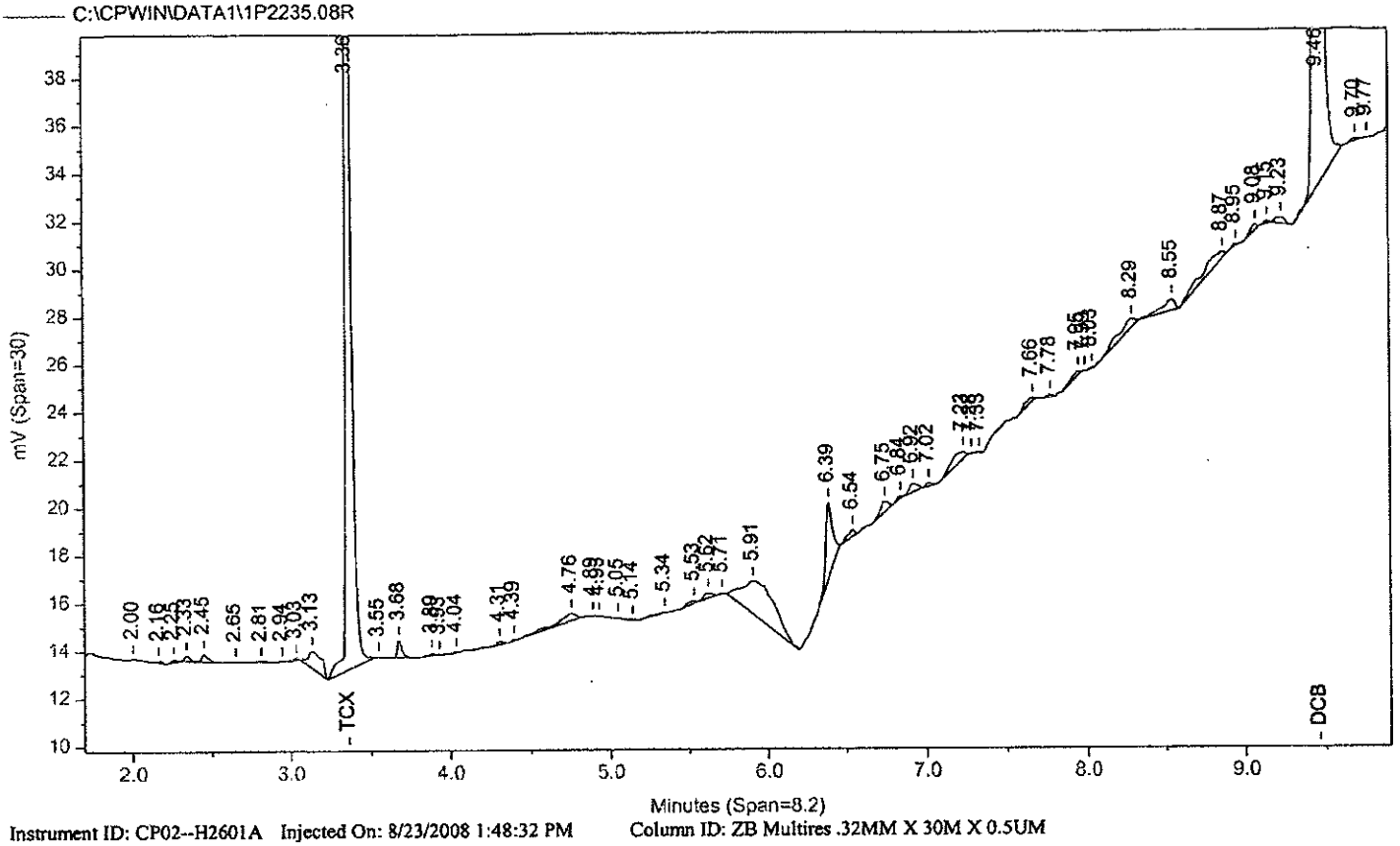
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.183		0.0000	0.000	46.0	0.007	BB	0.014	56.15	0.023
64	5.200		0.0000	0.000	39.6	0.006	BB	0.010	64.72	0.026
65	5.217		0.0000	0.000	45.8	0.007	BB	0.011	67.24	0.027
66	5.234		0.0000	0.000	37.1	0.005	BB	0.010	62.31	0.025
67	5.251		0.0000	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

ASX85 0744

Total Area = 697786.4, Total Amount = 40.488, Total Height = 244648.3, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.08R

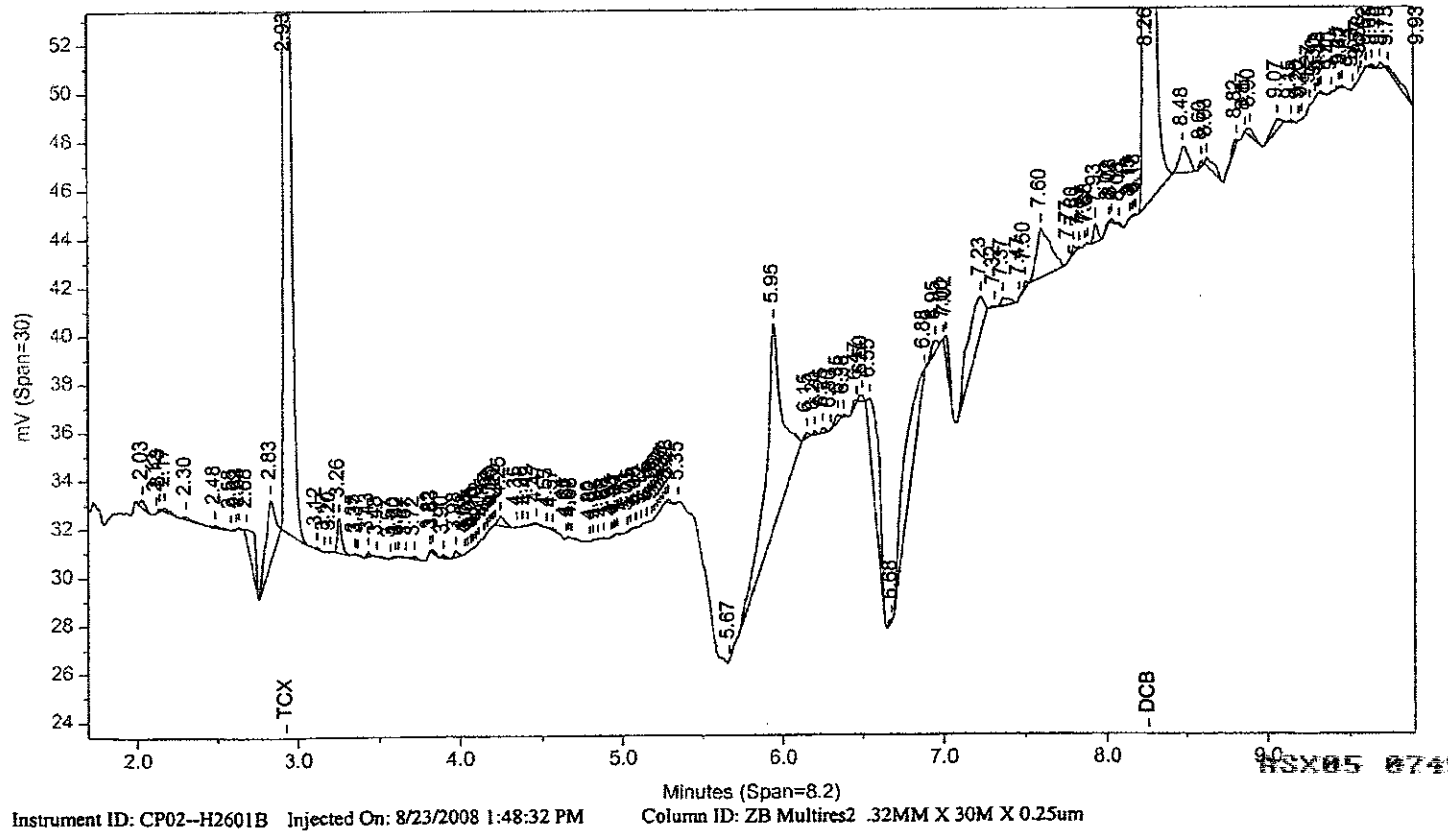
C:\CPWIN\DATA1\1P2235.08R



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

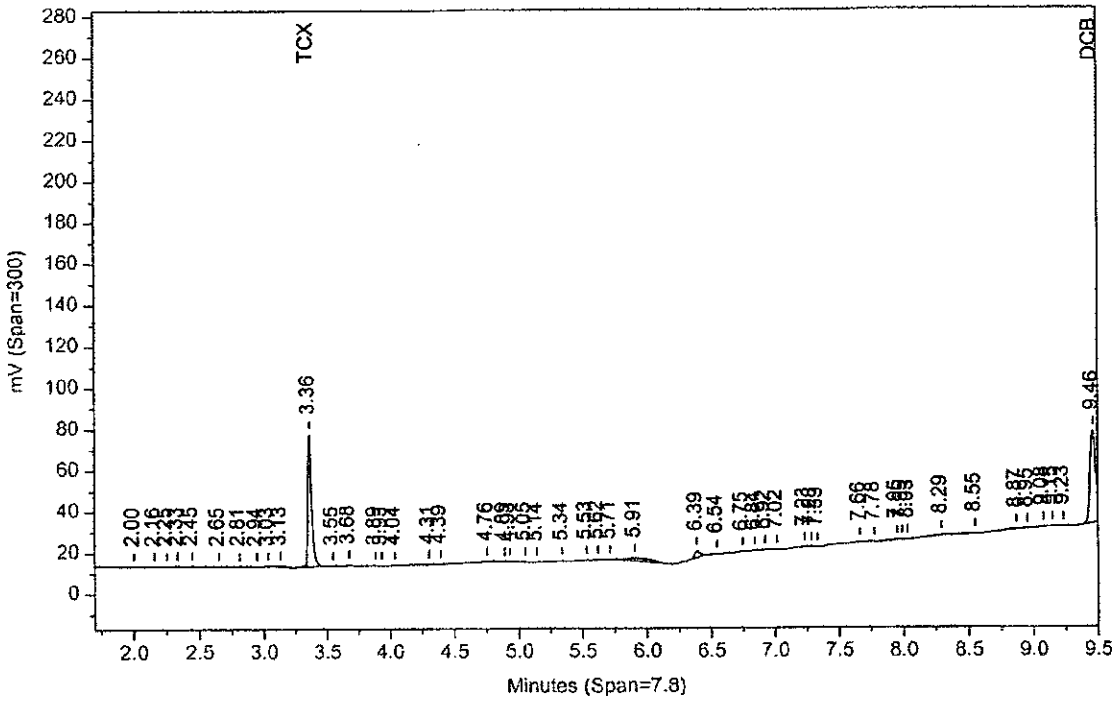
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.36	64146	20.11661	TCX	2.931	109227	20.50311	TCX
9.461	44625	19.51877	DCB	8.262	91917	19.98517	DCB

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

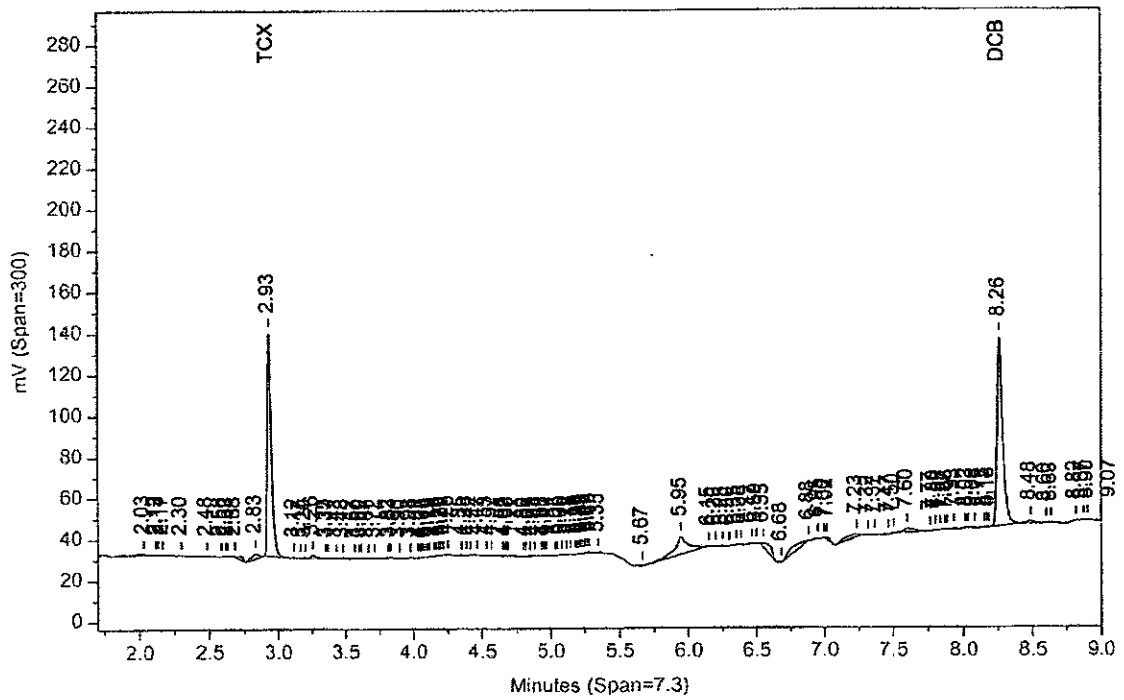
10X REPLOTS

ASX05 0746

C:\CPWIN\DATA1\1P2235.08R



C:\CPWIN\DATA1\1P2235B.08R



ASX05 0747

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

ASX85 0748

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

ASX05 0749

Calibration file name: **C:\CPWIN\DATA1\1P2235.CAL** Version number changed from 18 to 19
Area file name: C:\CPWIN\DATA1\1P2235.09A
Amount injected = 1 -- Standard injection volume = 1
Calibration Level = 1 -- Replace old values with new
Updating both responses and retention times
Updated at 8/25/2008 11:31:

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	3.355	3.362	3.362	10771.9	10771.9	10771.9	3188.722	8.95	6.25
DCB	9.444	9.458	9.458	10106.4	10106.4	10106.4	2286.286	5.66	3.94

ASX05 0750

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

ASX85 8751

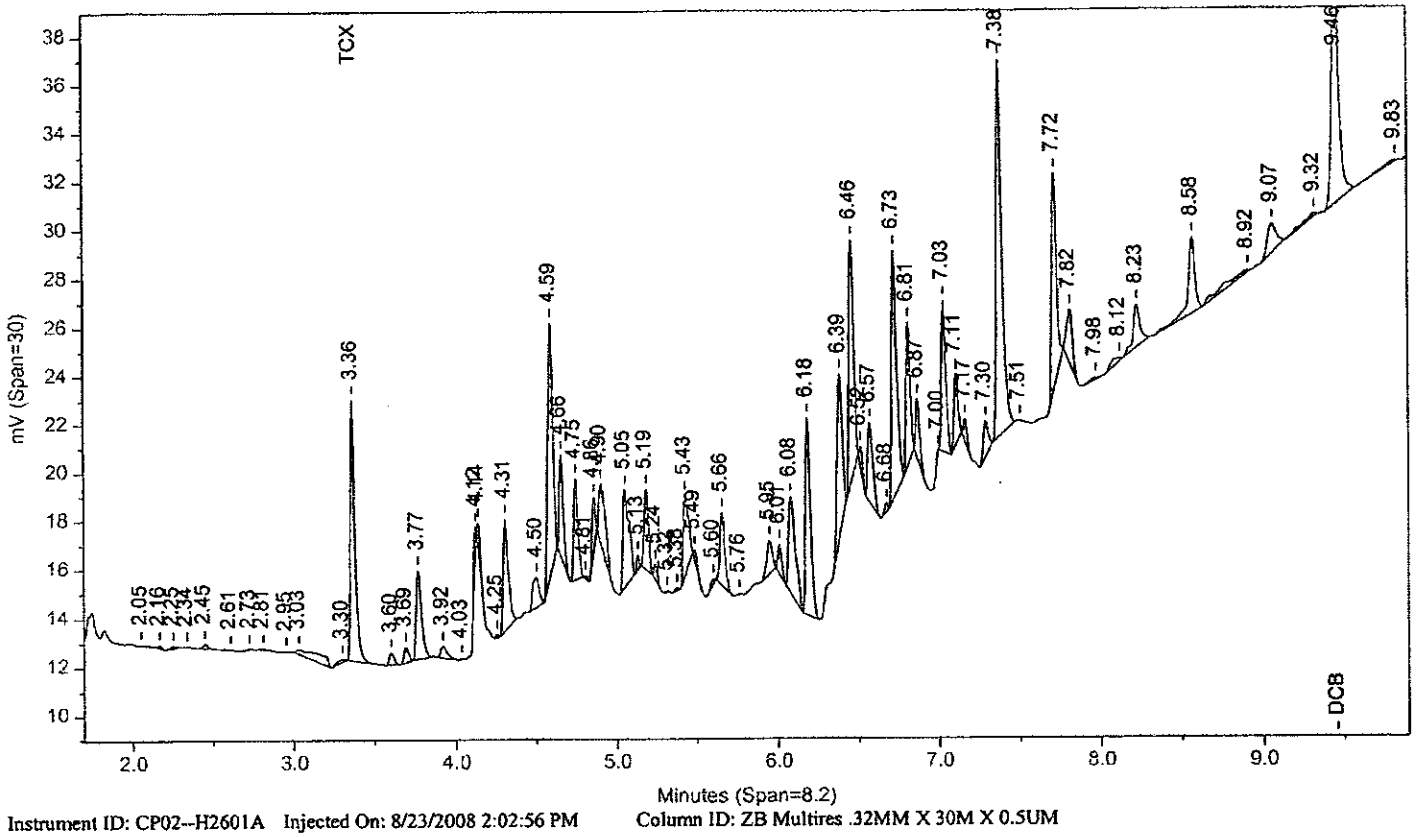
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.827		0.0000	0.000	16.7	0.002	BB	0.007	41.47	0.012
64	6.843		0.0000	0.000	76.2	0.010	BB	0.016	81.75	0.023
65	6.942		0.0000	0.000	9553.3	1.240	BB	0.027	5864.62	1.679
66	7.001		0.0000	0.000	42693.2	5.541	BB	0.036	19546.60	5.595
67	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

ASX85 0752

Total Area = 770480.0, Total Amount = 8.81, Total Height = 349345.7, Sample Units = ug/l

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.09R

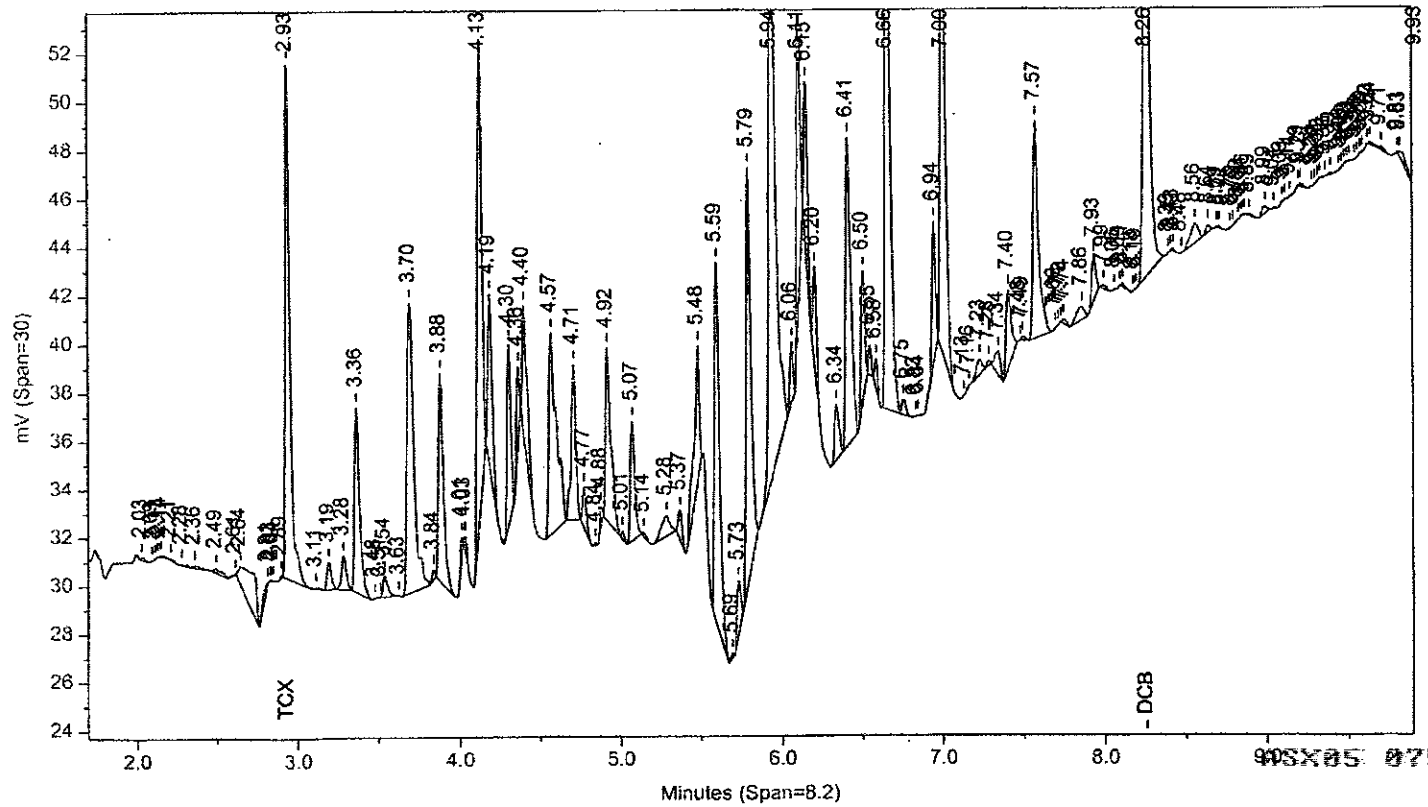
C:\CPWIN\DATA1\1P2235.09R



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

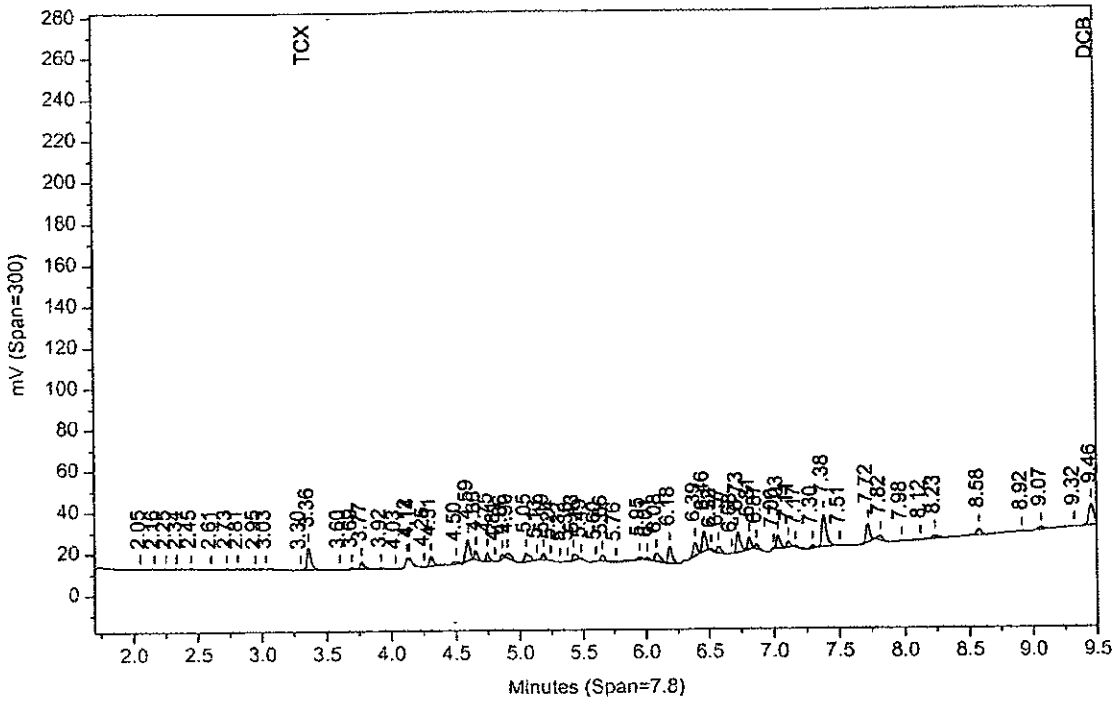
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.362	10772	3.37813	TCX	2.935	21391	4.01529	TCX
9.458	10106	4.42044	DCB	8.259	22053	4.79491	DCB

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

ASX05 0755

C:\CPWIN\DATA1\1P2235.09R



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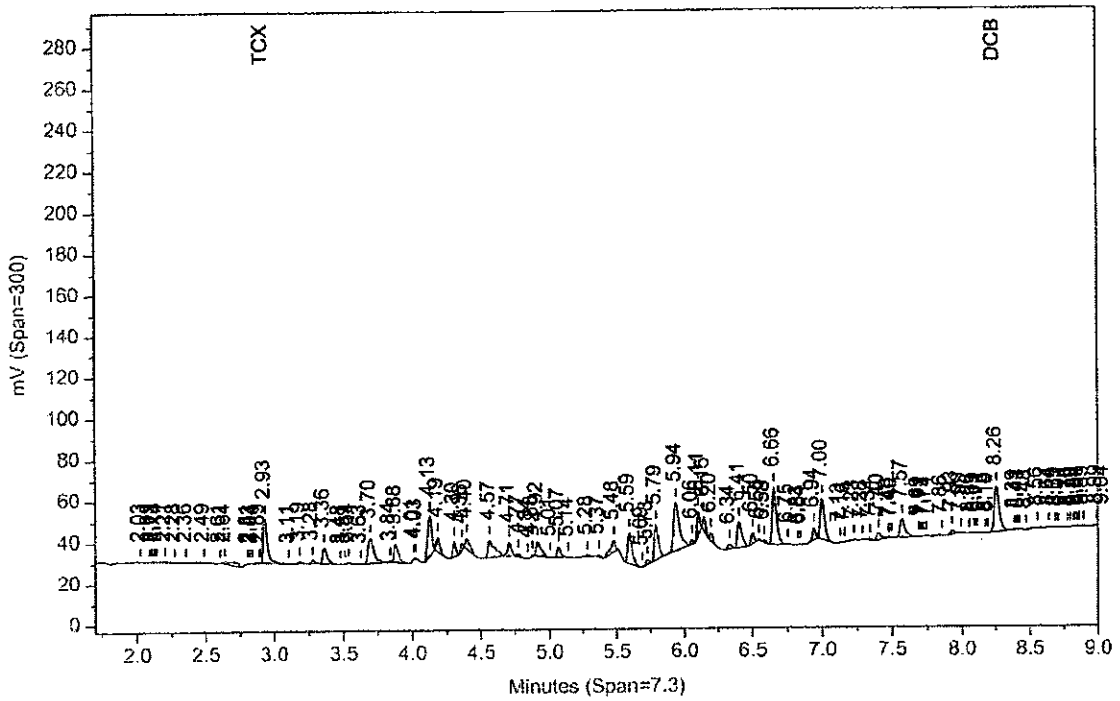


ASX05 0756

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

ASX85 0757

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

ASX05 0758

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

ASX85 4759

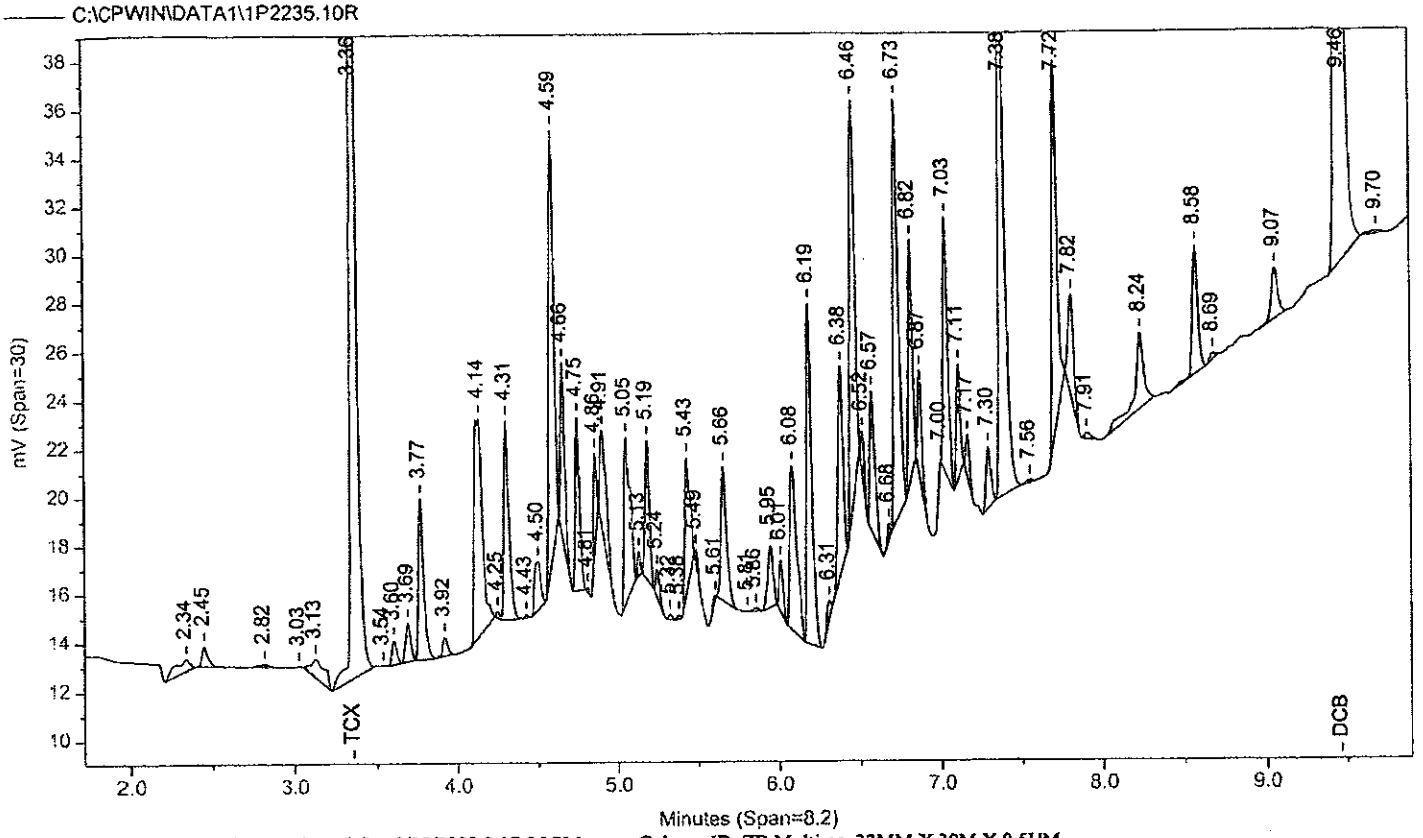
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.999		0.0000	0.000	69833.1	4.408	BB	0.036	32417.46	4.617
64	7.158		0.0000	0.000	1049.8	0.066	BB	0.037	479.23	0.068
65	7.222		0.0000	0.000	1228.7	0.078	BB	0.028	719.77	0.103
66	7.281		0.0000	0.000	831.1	0.052	BB	0.026	542.43	0.077
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

ASX85 0760

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

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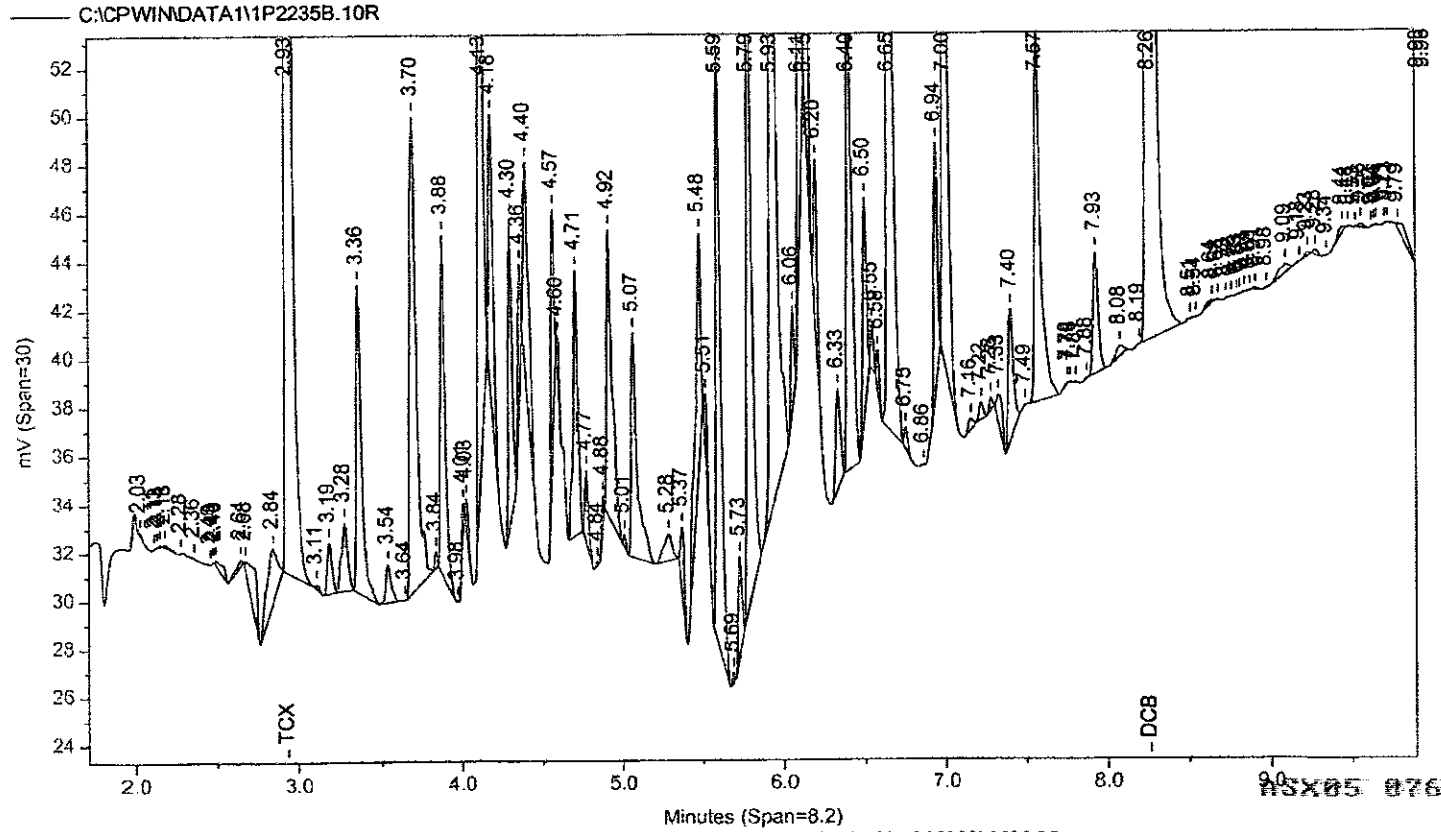


Instrument ID: CP02--H2601B Injected On: 8/23/2008 2:17:25 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

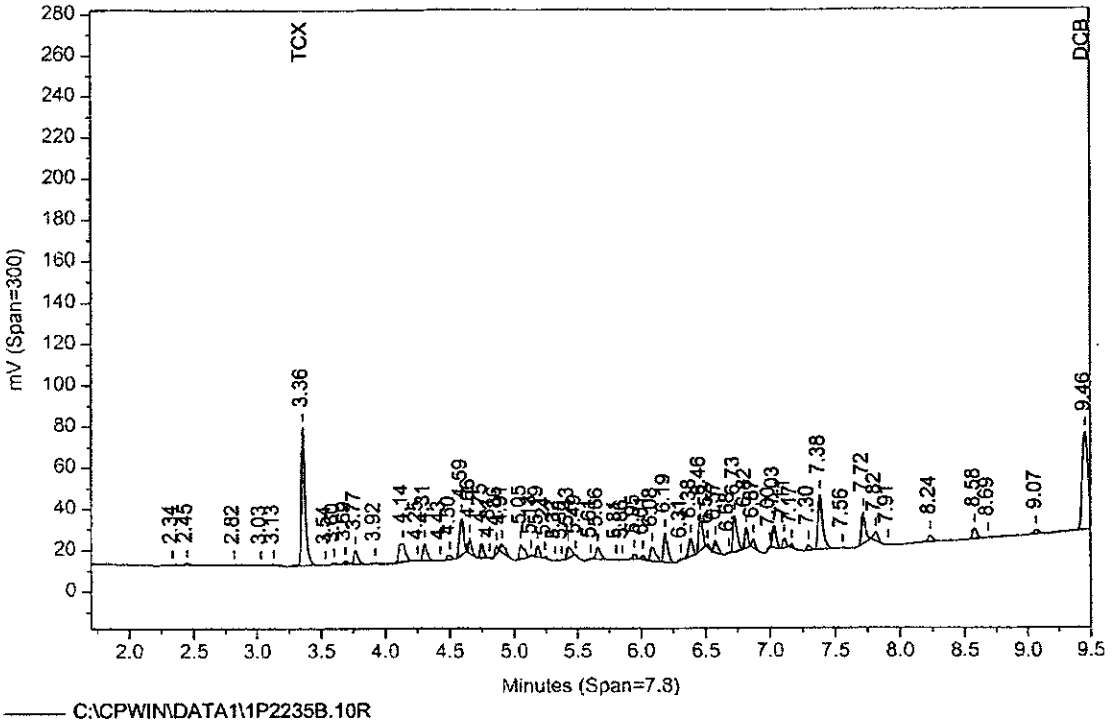
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	67085	21.03835	TCX	2.934	113646	21.33271	TCX
9.46	47189	20.64019	DCB	8.257	100280	21.80333	DCB

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

ASX05 0762

C:\CPWIN\DATA1\1P2235.10R



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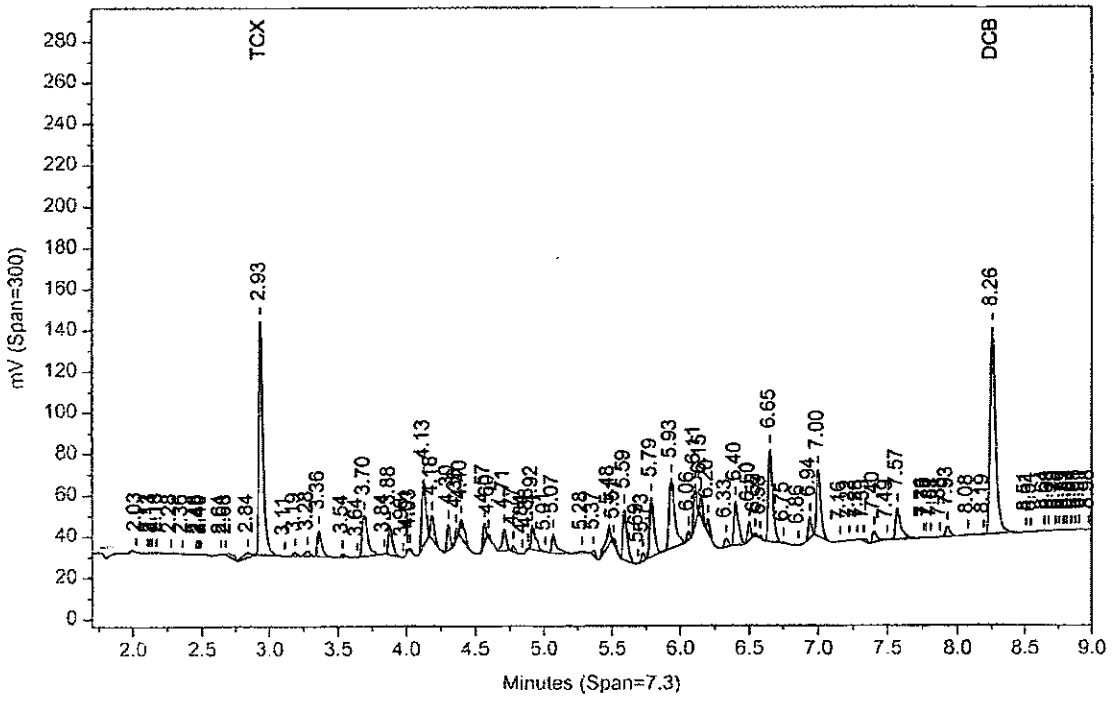


ASX05 0763

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

ASX05 0764

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

ASX05 0765

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

ASX85 0766

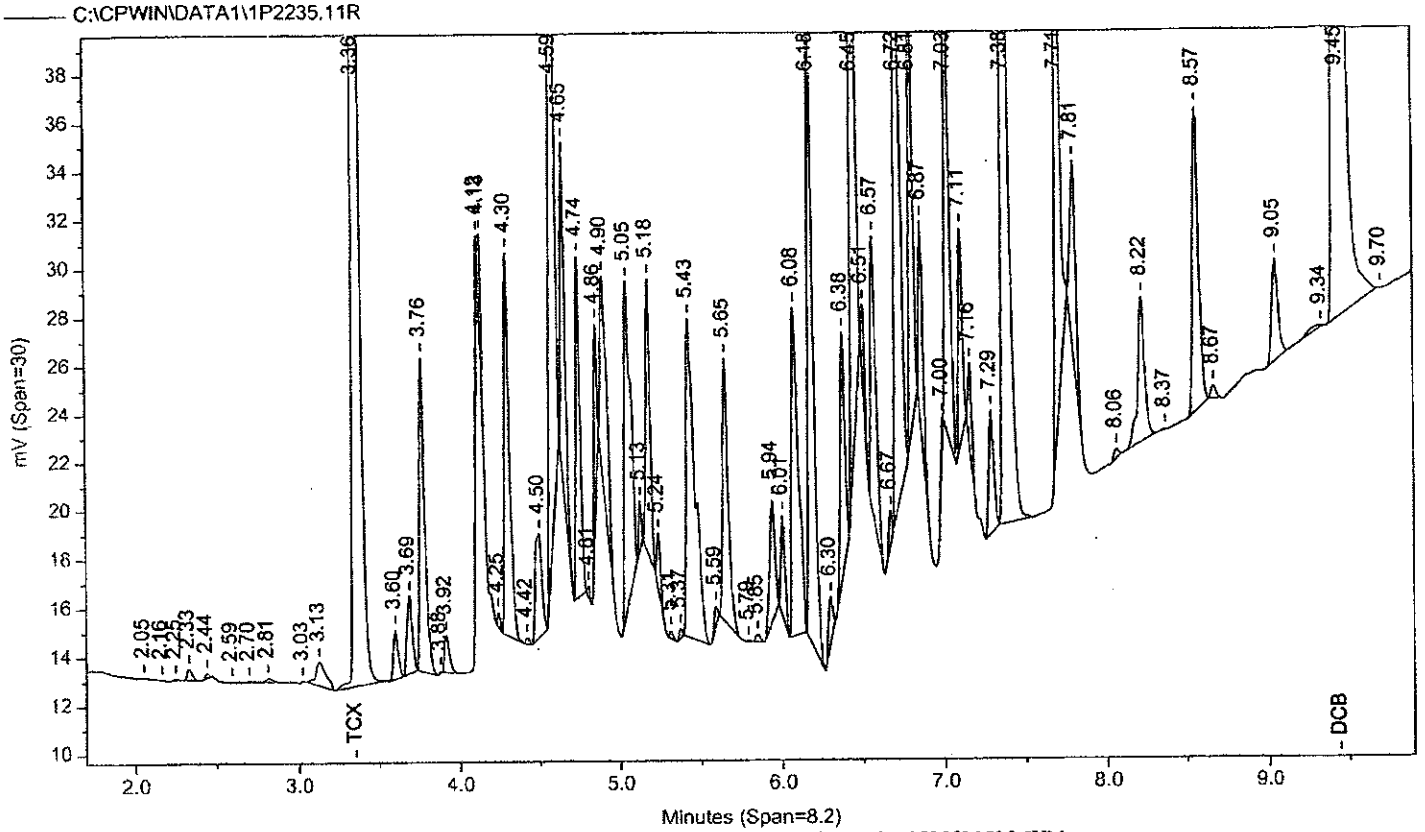
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.318		0.0000	0.000	2005.9	0.068	BB	0.039	854.85	0.065
64	7.394		0.0000	0.000	22742.8	0.766	BB	0.035	10786.00	0.820
65	7.490		0.0000	0.000	23.9	0.001	BB	0.007	55.28	0.004
66	7.508		0.0000	0.000	42.8	0.001	BB	0.012	61.74	0.005
67	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

ASX85 8767

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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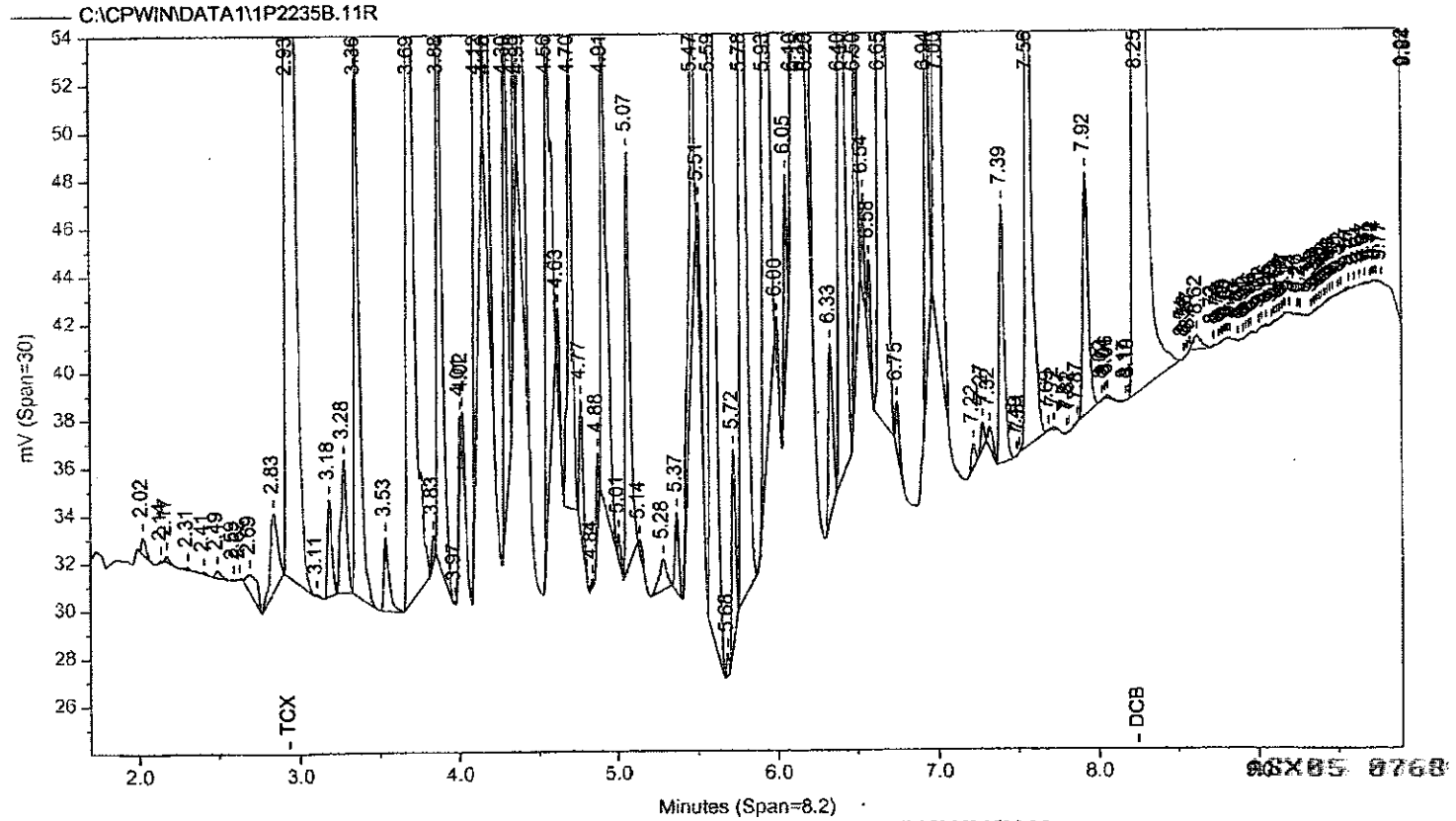


Instrument ID: CP02--H2601B Injected On: 8/23/2008 2:31:51 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

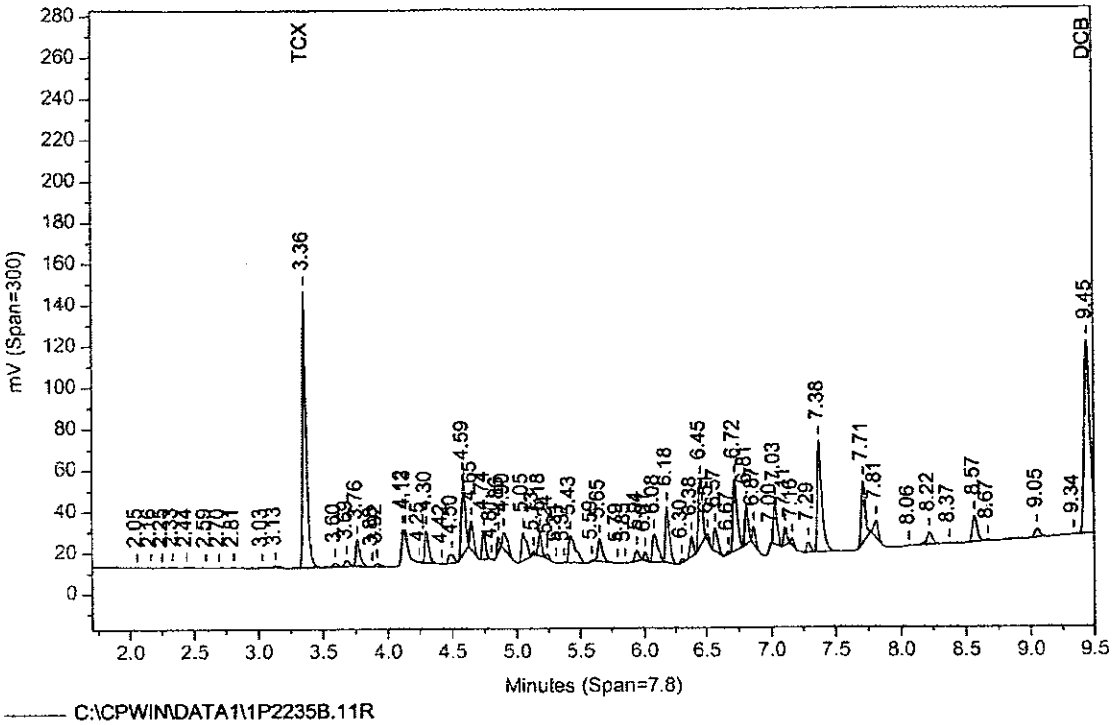
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	134665	42.23171	TCX	2.931	216932	40.72059	TCX
9.448	93598	40.93868	DCB	8.249	180157	39.1706	DCB

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

ASX85 8769

C:\CPWIN\DATA1\1P2235.11R



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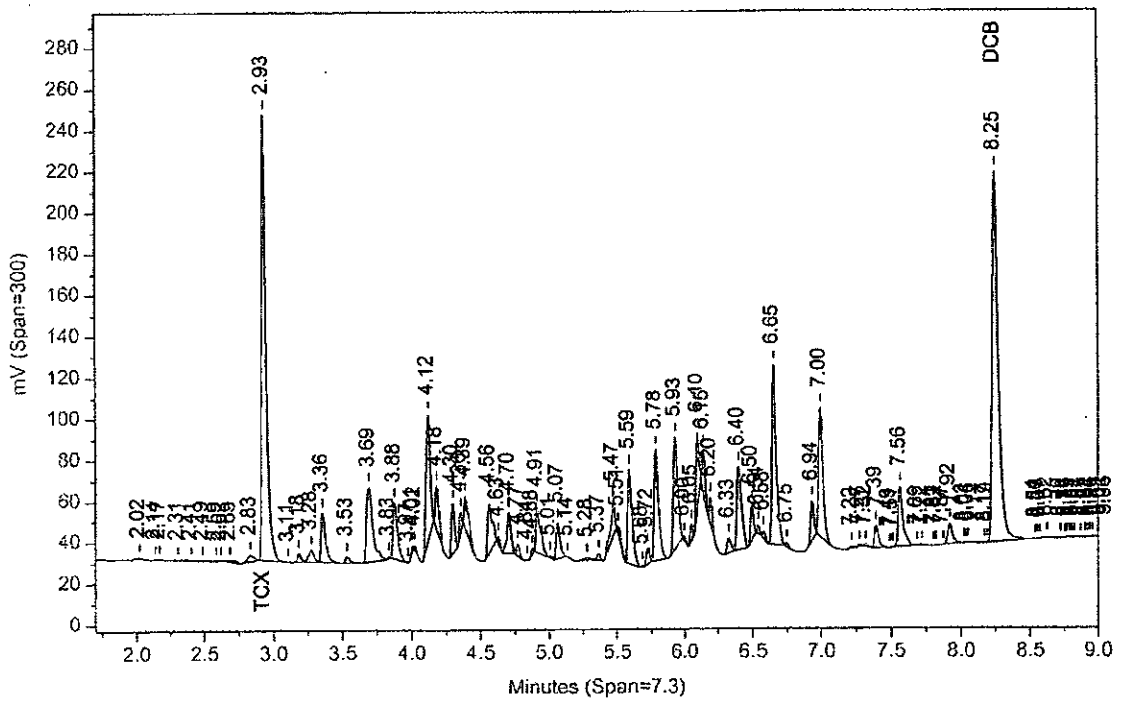


ASX85 0770

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

ASX85 8771

ASX85 0772

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

ASX05 0773

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

ASX05 0774

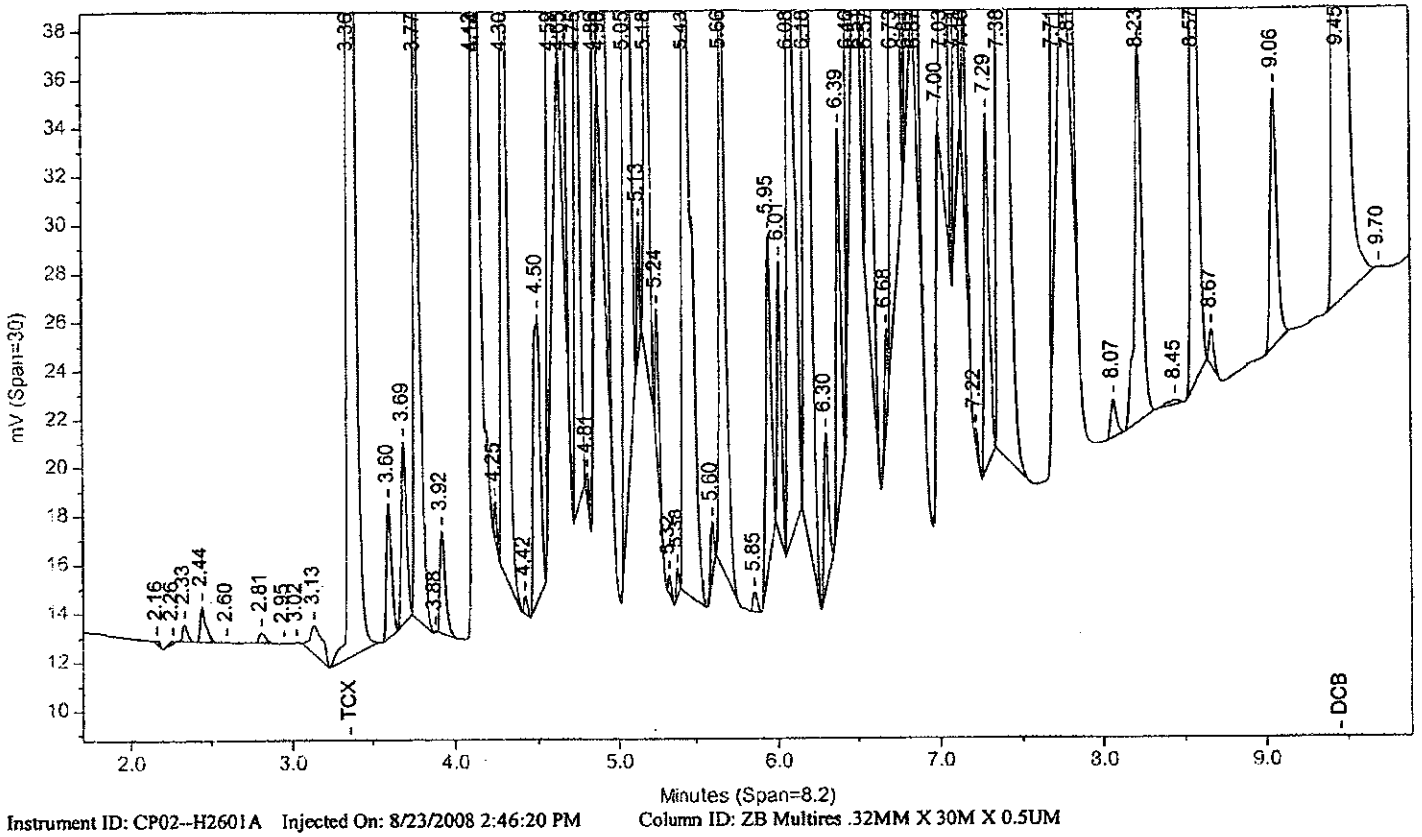
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.281		0.0000	0.000	4219.7	0.068	BB	0.024	2983.75	0.108
64	7.320		0.0000	0.000	2370.5	0.038	BB	0.024	1632.41	0.059
65	7.399		0.0000	0.000	67809.9	1.098	BB	0.038	29744.77	1.072
66	7.570		0.0000	0.000	198792.2	3.217	BB	0.045	73921.09	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

ASX05 0775

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.12R

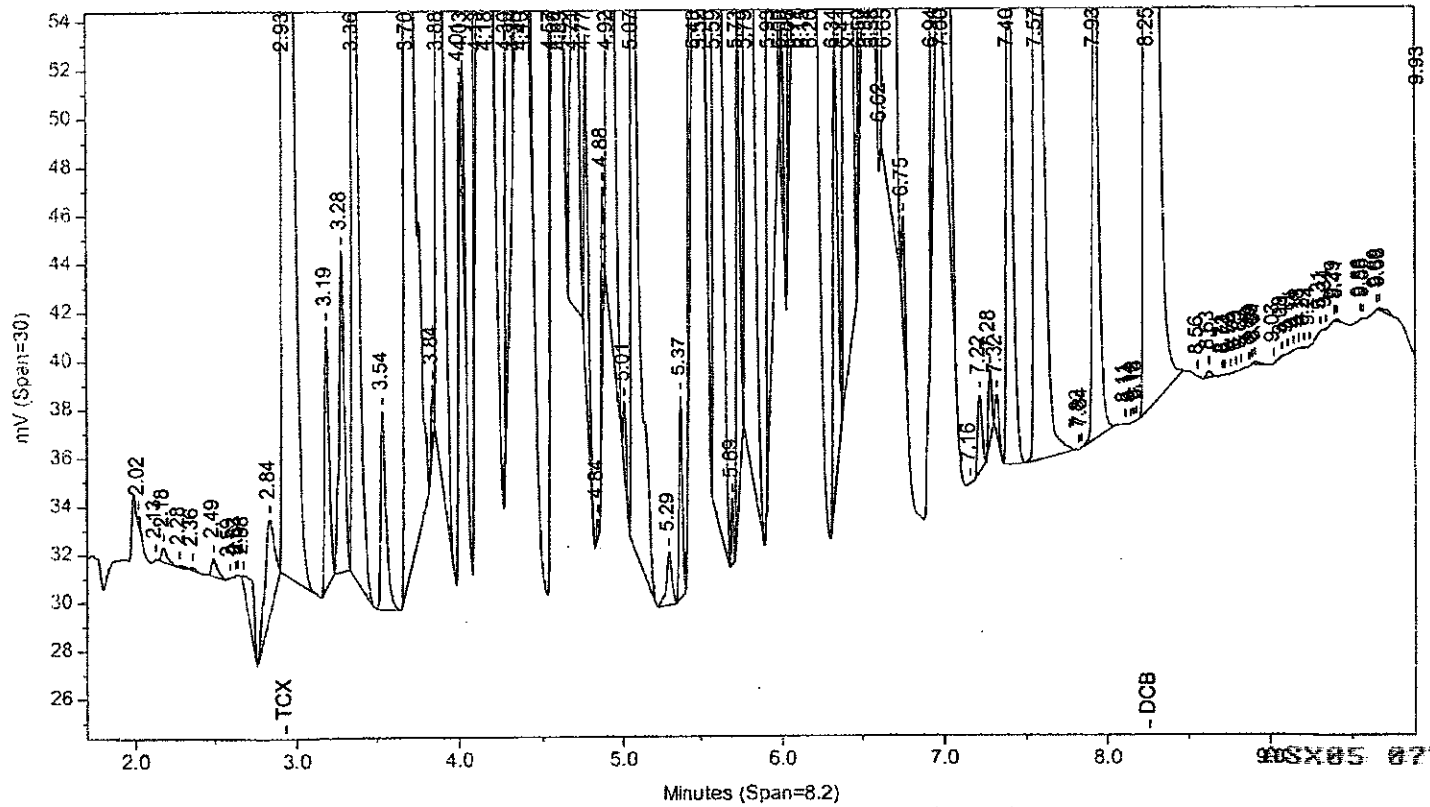
C:\CPWIN\DATA1\1P2235.12R



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

C:\CPWIN\DATA1\1P2235B.12R



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

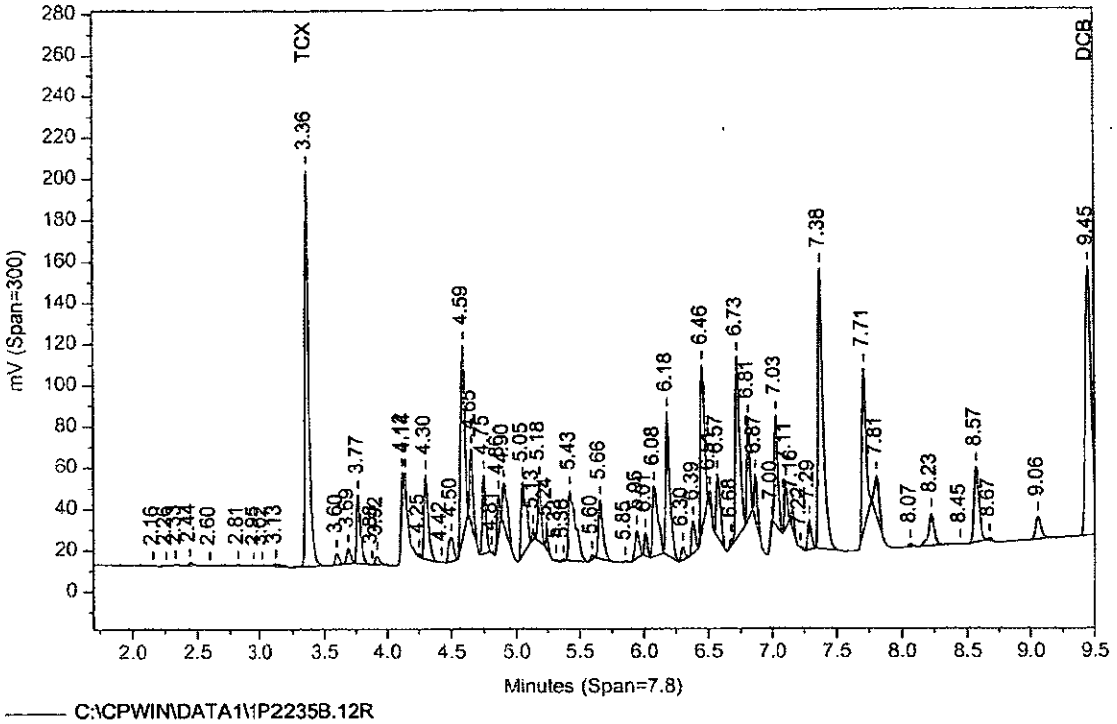
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	192721	60.43844	TCX	2.934	306606	57.55348	TCX
9.453	130143	56.92323	DCB	8.255	253972	55.22	DCB

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

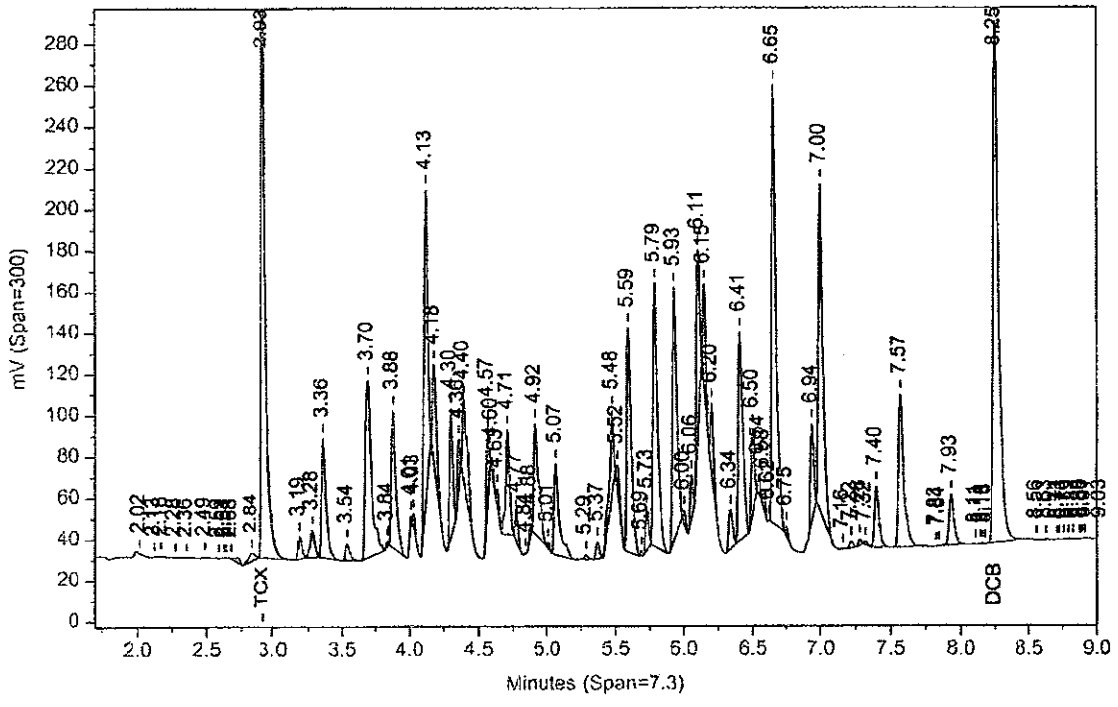
10X REPLOTS

ASX05 0777

C:\CPWIN\DATA1\1P2235.12R



C:\CPWIN\DATA1\1P2235B.12R



ASX05 0779

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

ASX95 0779

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

ASX05 0708

ASX05 0701

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

ASX85 0782

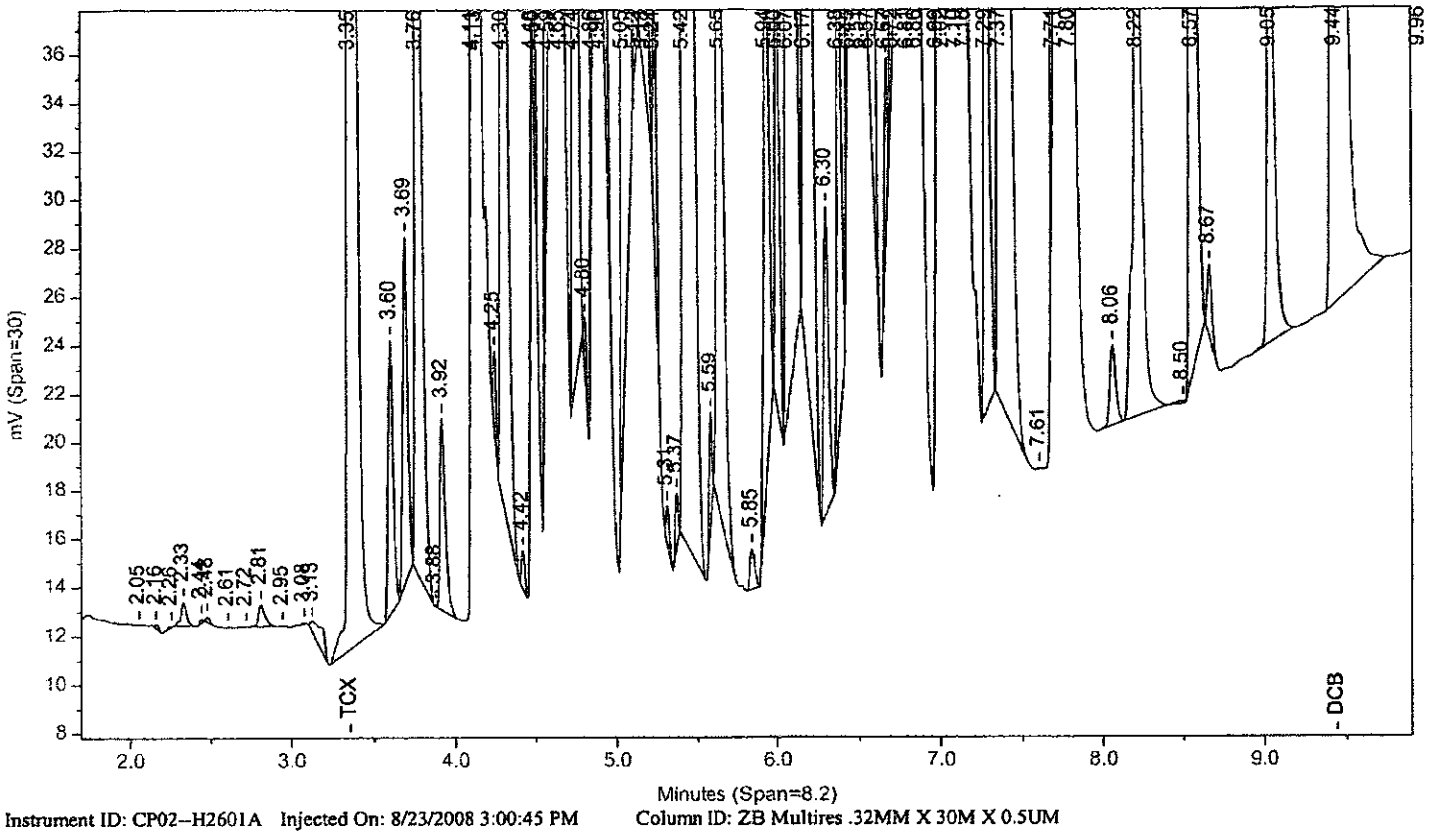
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.993		0.0000	0.000	714154.3	6.550	BB	0.039	301821.00	6.167
64	7.214		0.0000	0.000	10820.6	0.099	BB	0.029	6149.77	0.126
65	7.272		0.0000	0.000	8733.5	0.080	BB	0.024	5947.20	0.122
66	7.313		0.0000	0.000	9281.2	0.085	BB	0.031	5052.21	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

ASX05 0783

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.13R

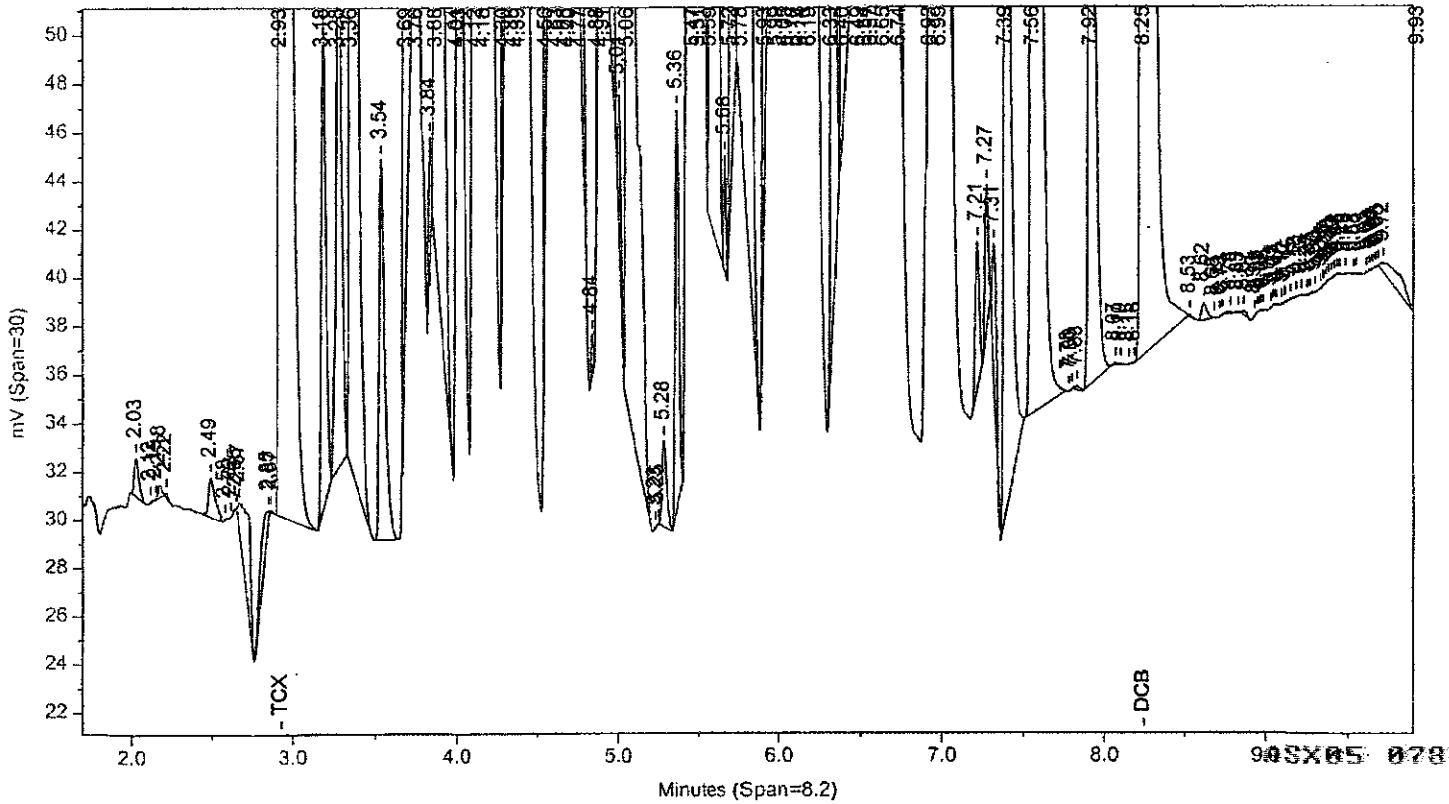
C:\CPWIN\DATA1\1P2235.13R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 3:00:45 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.13R

C:\CPWIN\DATA1\1P2235B.13R



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

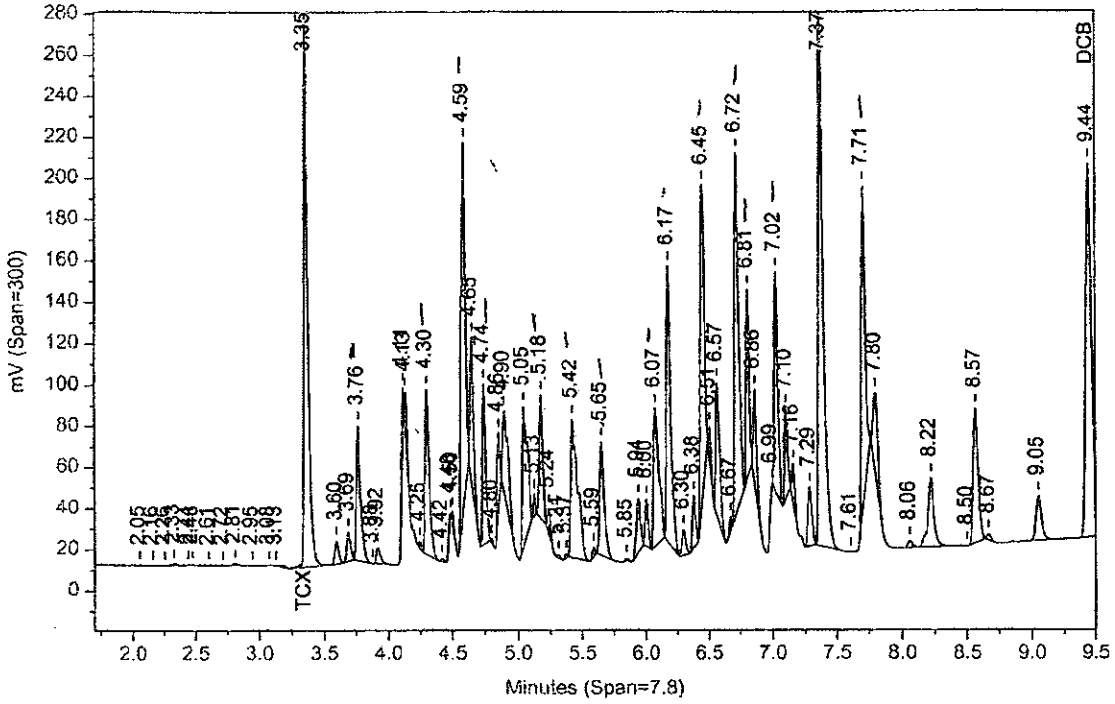
Dilution Factor: 1

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

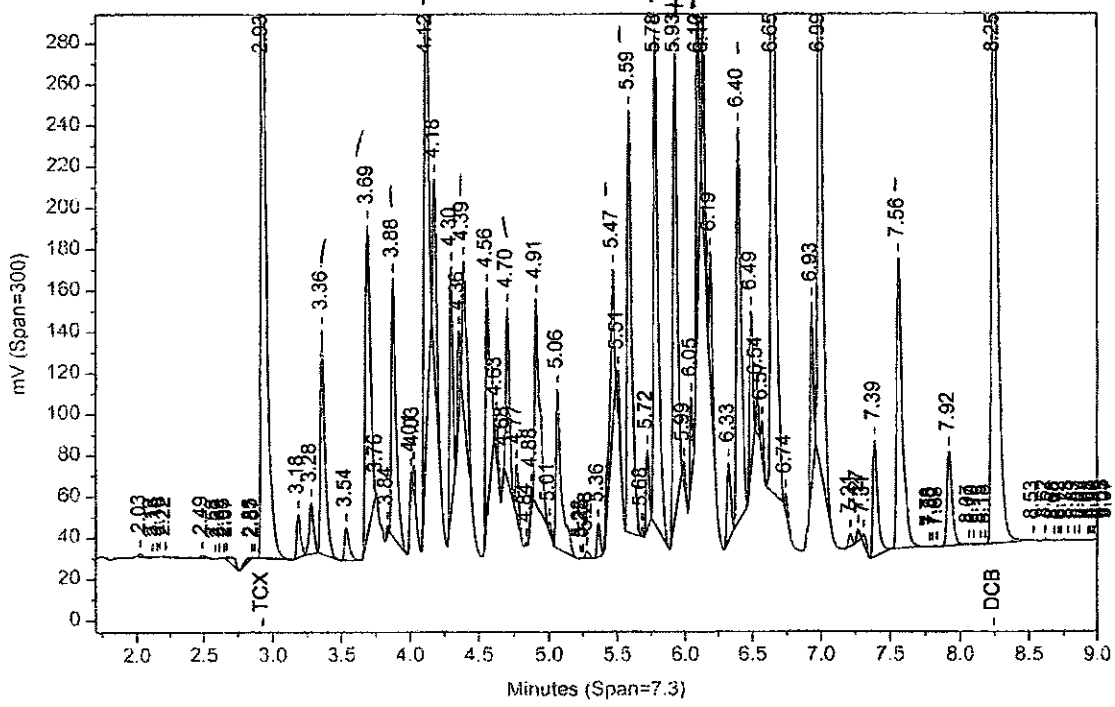
Files:
Area File: C:\CPWIN\DATA1\1P2235.13A
Area File: C:\CPWIN\DATA1\1P2235B.13A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
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



C:\CPWIN\DATA1\1P2235B.13R



ASX85 0786

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

ASX05 0787

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

ASX85 0799

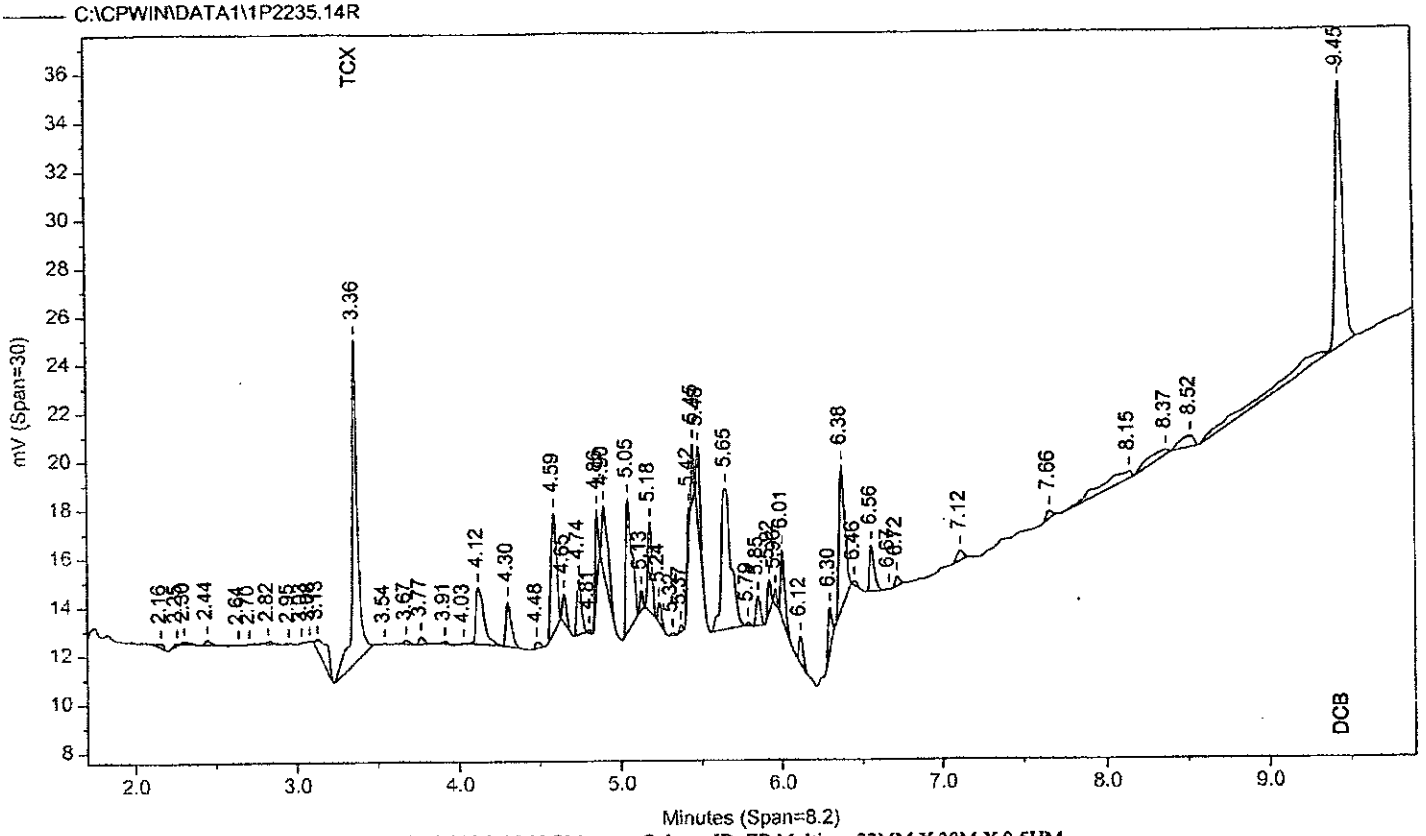
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	8.753		0.0000	0.000	76.6	0.021	BB	0.019	66.01	0.037
134	8.787		0.0000	0.000	33.8	0.009	BB	0.008	66.95	0.038
135	8.803		0.0000	0.000	27.5	0.007	BB	0.007	65.43	0.037
136	8.820		0.0000	0.000	35.2	0.010	BB	0.008	70.69	0.040
137	8.836		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

ASX05 0790

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

File: C:\CPWIN\DATA1\1P2235B.14R

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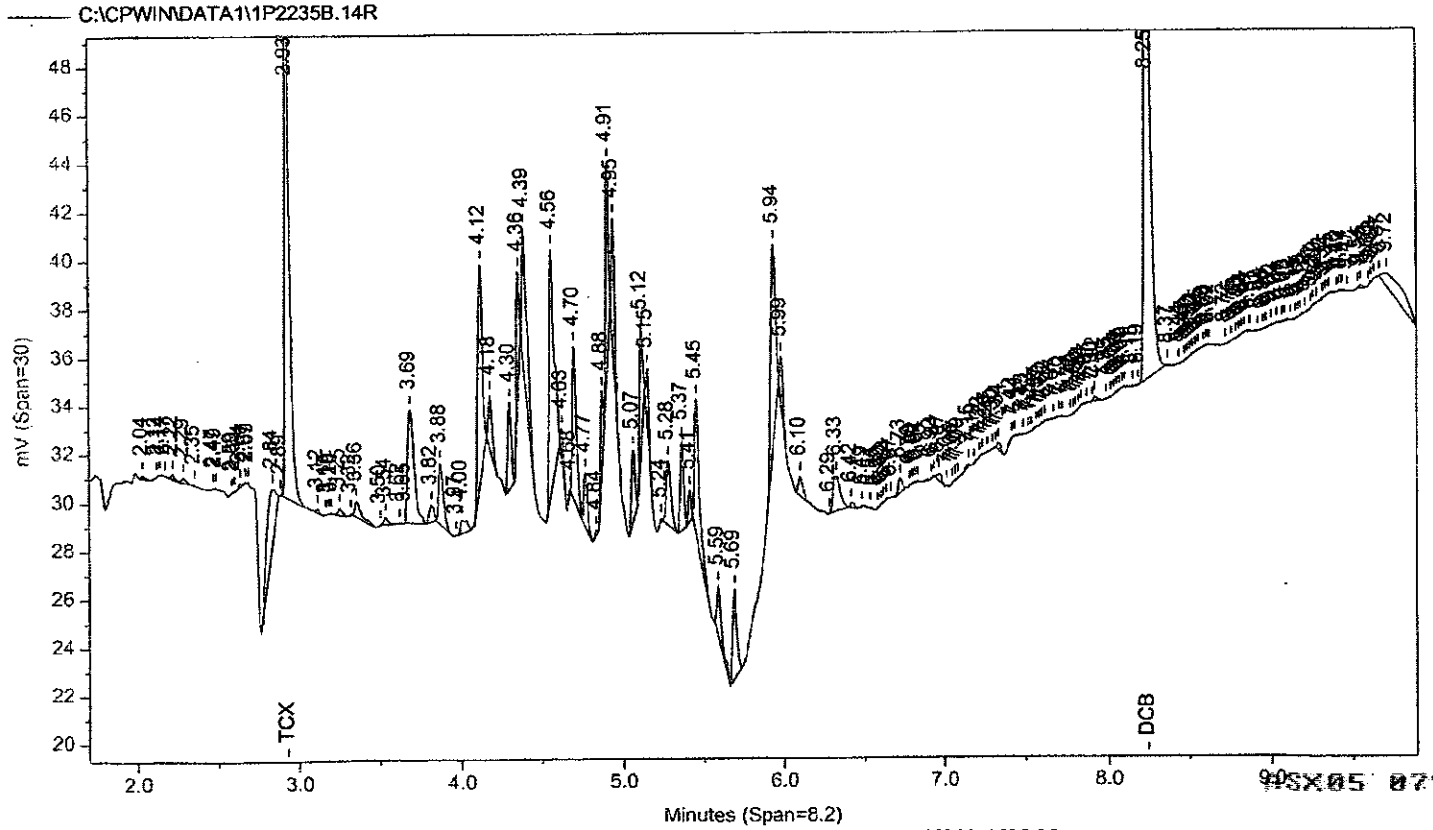


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:15:12 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

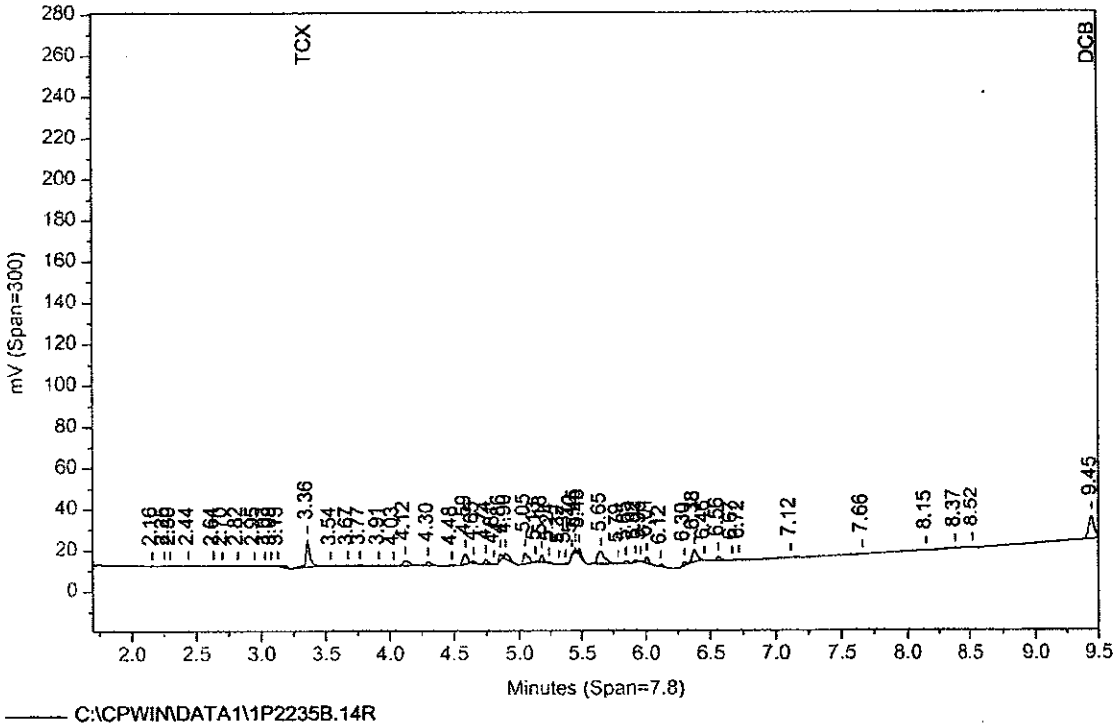
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	13452	4.21863	TCX	2.931	24159	4.53491	TCX
9.445	10973	4.79937	DCB	8.246	24938	5.42225	DCB

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

ASX05 0792

C:\CPWIN\DATA1\1P2235.14R



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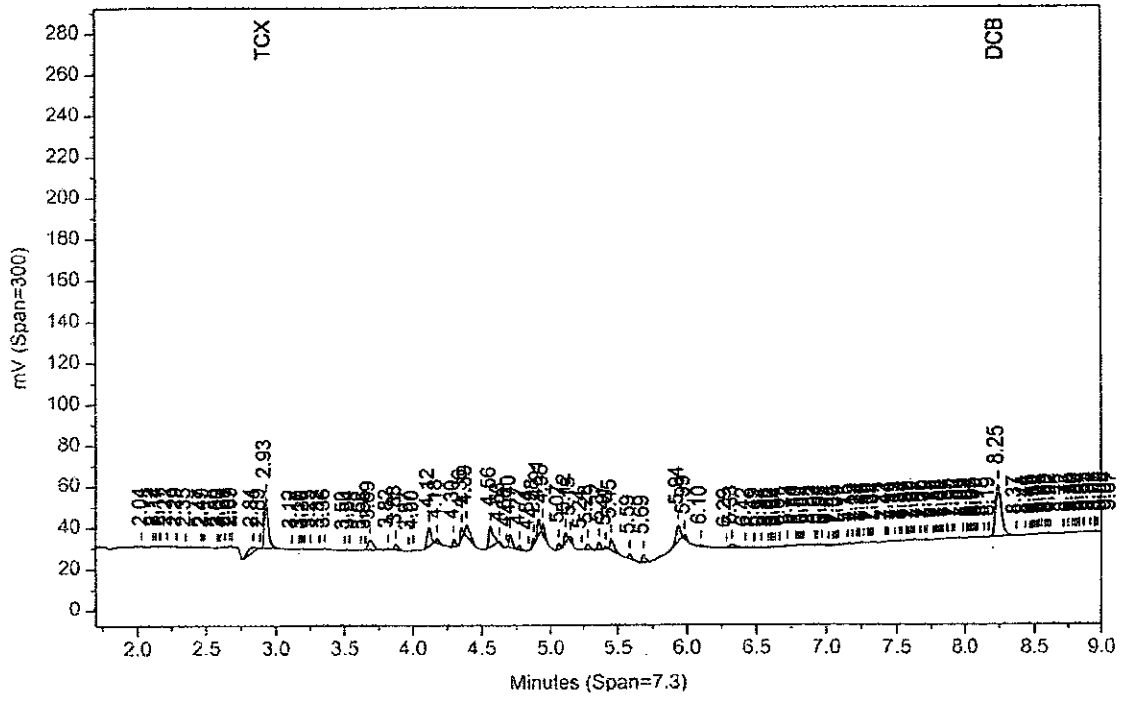

ASX05 0793

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

ASX85 8794

Total Area = 630731.1, Total Amount = 43.266, Total Height = 238130.8, Sample Units = ug/l

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

ASX85 0797

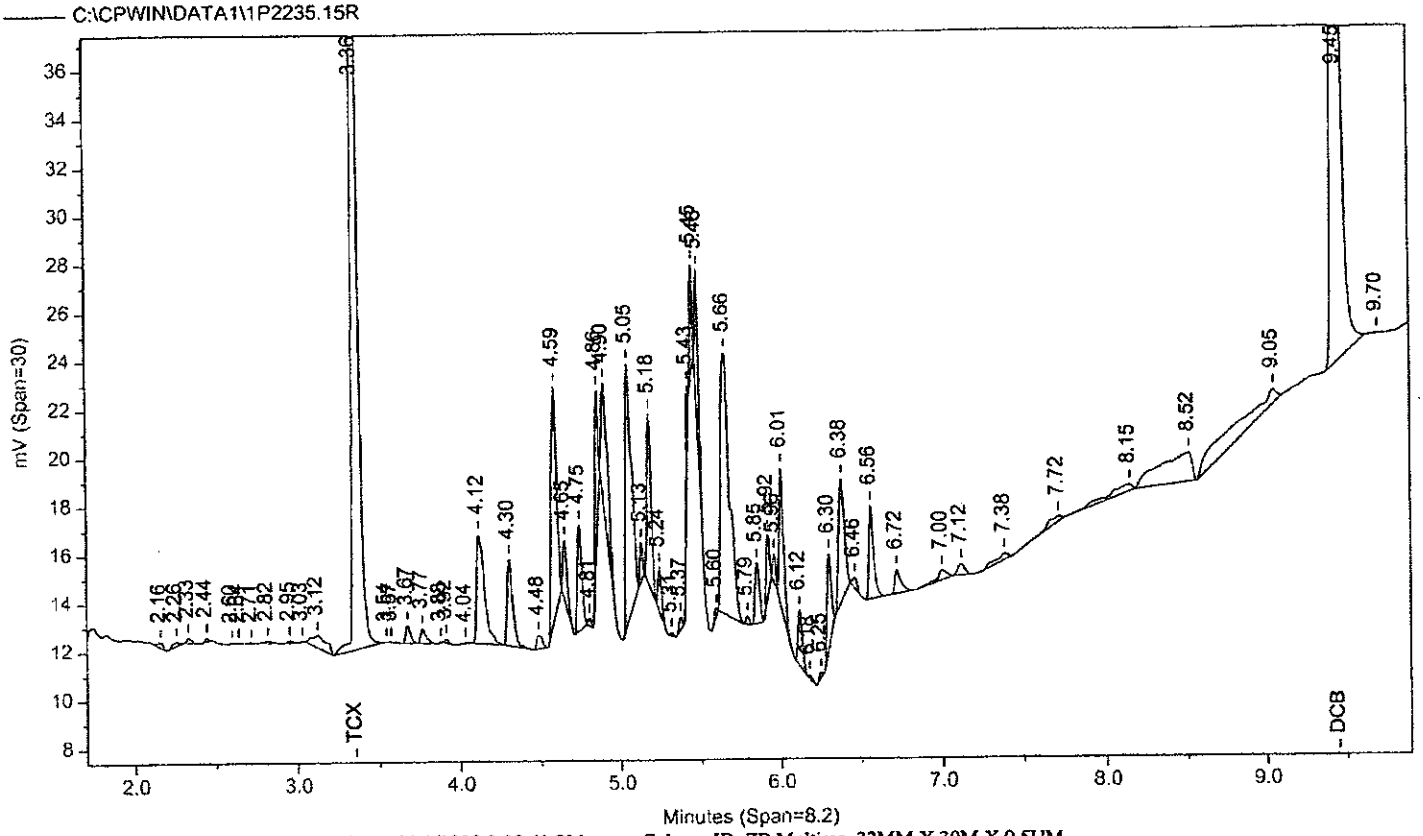
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	8.917		0.0000	0.000	31.3	0.003	BB	0.007	73.40	0.016
134	8.933		0.0000	0.000	29.4	0.003	BB	0.006	87.86	0.020
135	8.966		0.0000	0.000	74.5	0.008	BB	0.014	88.02	0.020
136	9.000		0.0000	0.000	33.4	0.003	BB	0.006	86.36	0.019
137	9.033		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

ASX05 0798

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

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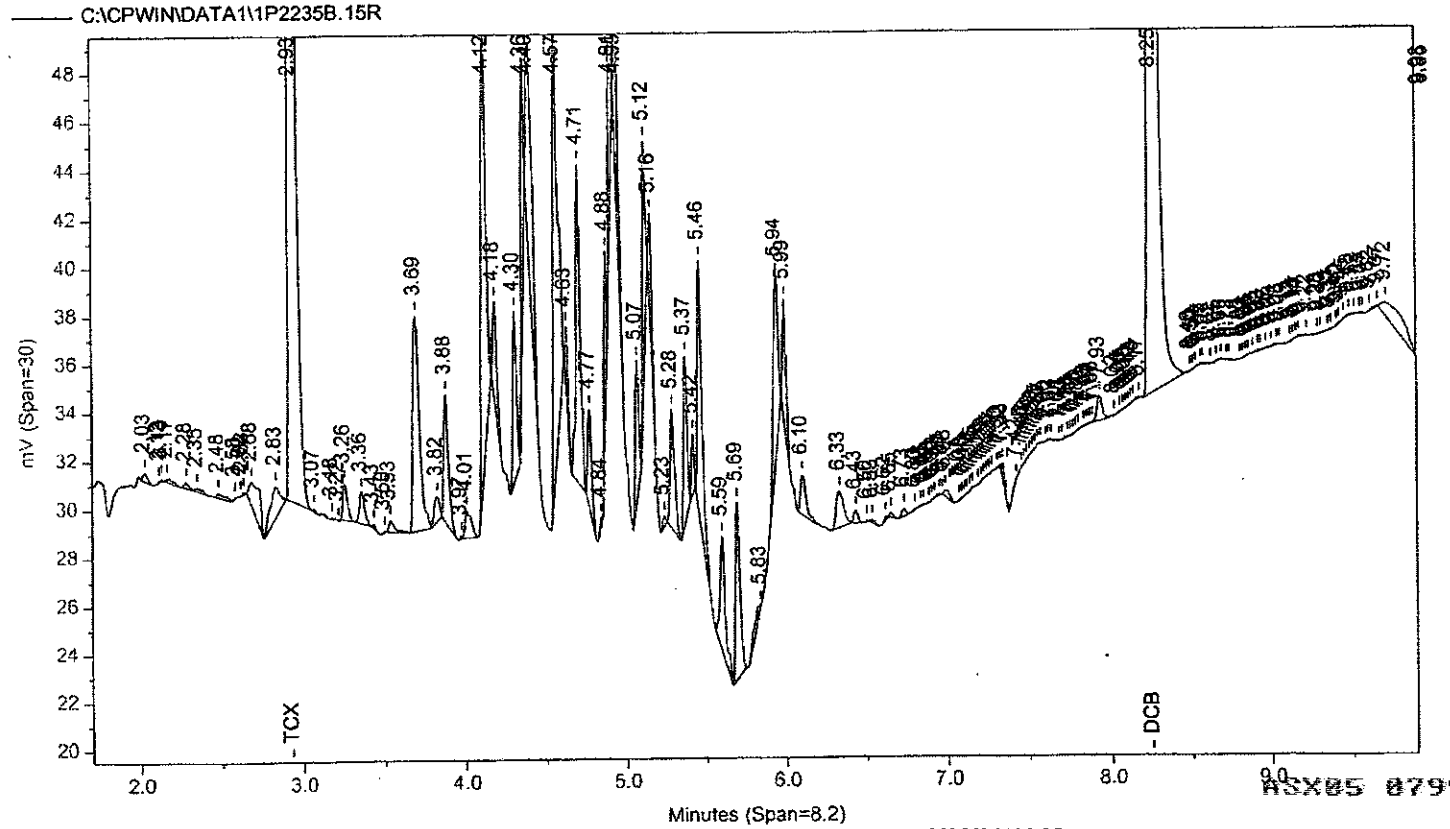


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:29:41 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

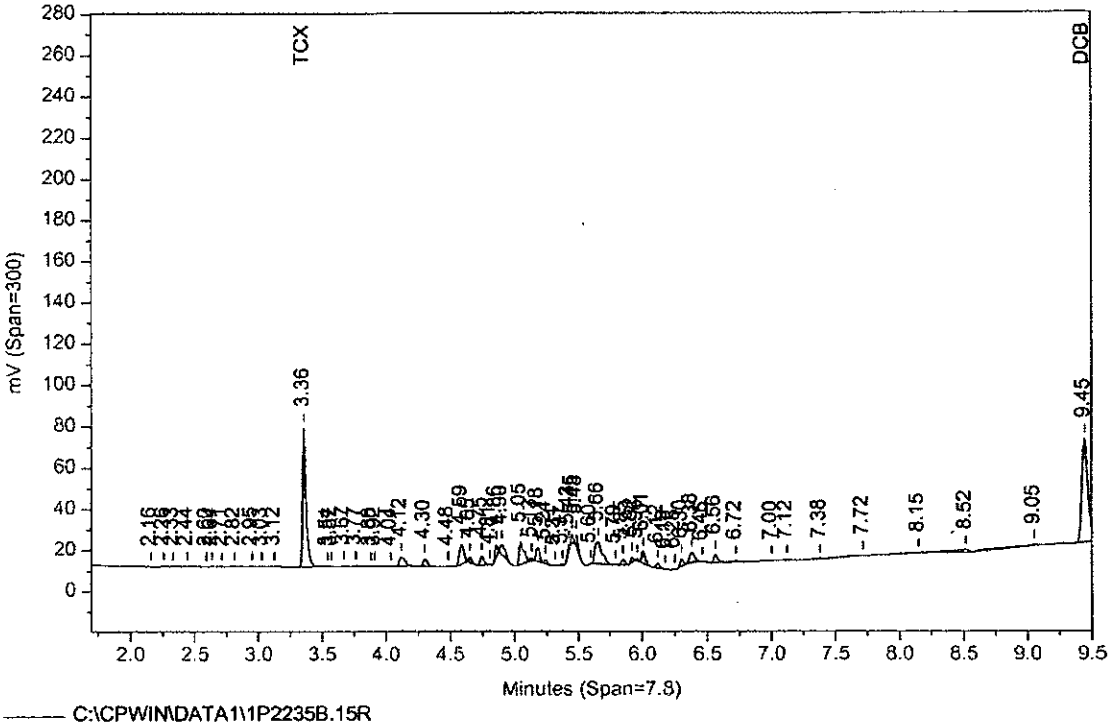
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	67999	21.32487	TCX	2.932	113960	21.39164	TCX
9.447	50163	21.941	DCB	8.251	102553	22.29756	DCB

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

ASX85 2888

C:\CPWIN\DATA1\1P2235.15R



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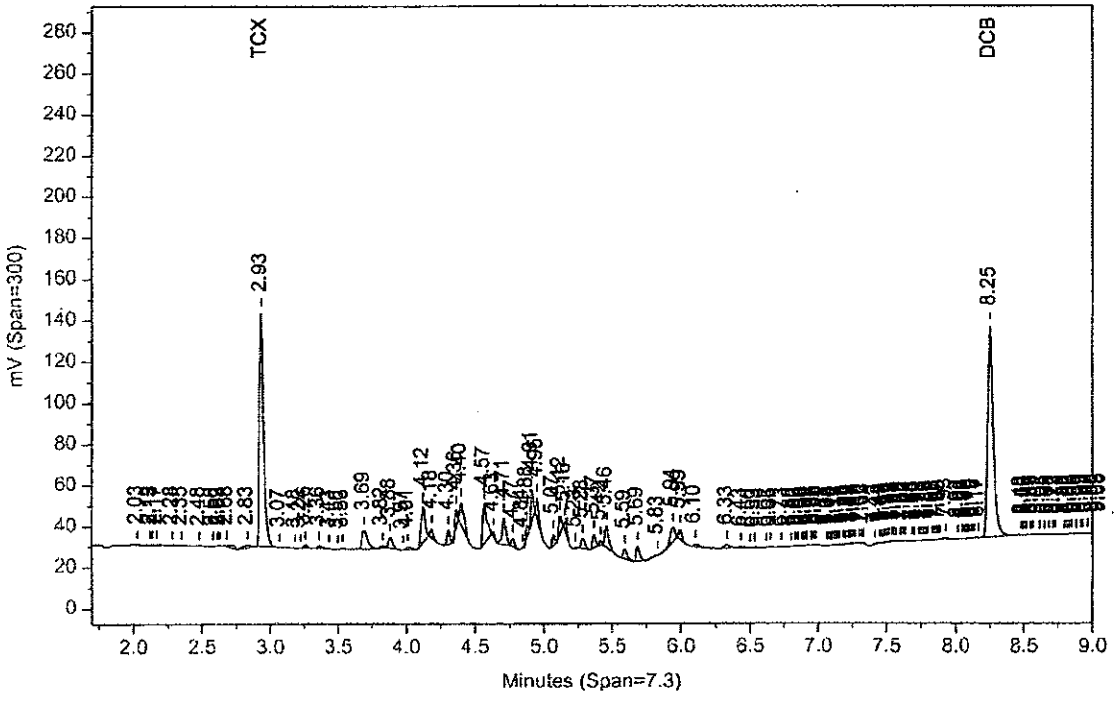


ASX05 0001

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

ASX05 0082

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

ASX85 0003

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

ASX05 0004

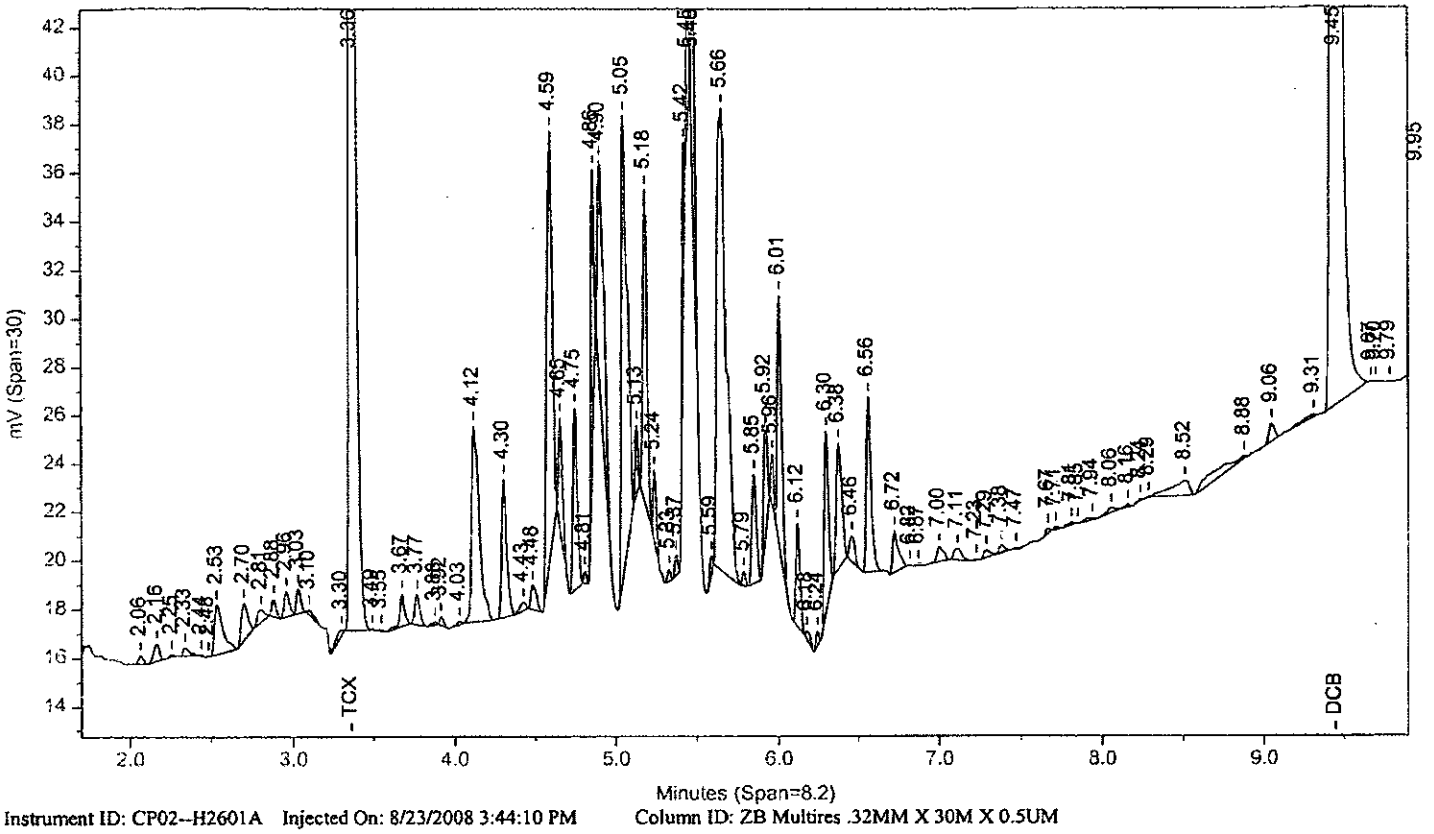
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.732		0.0000	0.000	1233.0	0.072	BB	0.038	545.48	0.072
64	6.802		0.0000	0.000	91.6	0.005	BB	0.017	90.75	0.012
65	6.836		0.0000	0.000	184.0	0.011	BB	0.025	123.47	0.016
66	6.897		0.0000	0.000	73.7	0.004	BB	0.019	63.19	0.008
67	6.921		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

ASX05 0005

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

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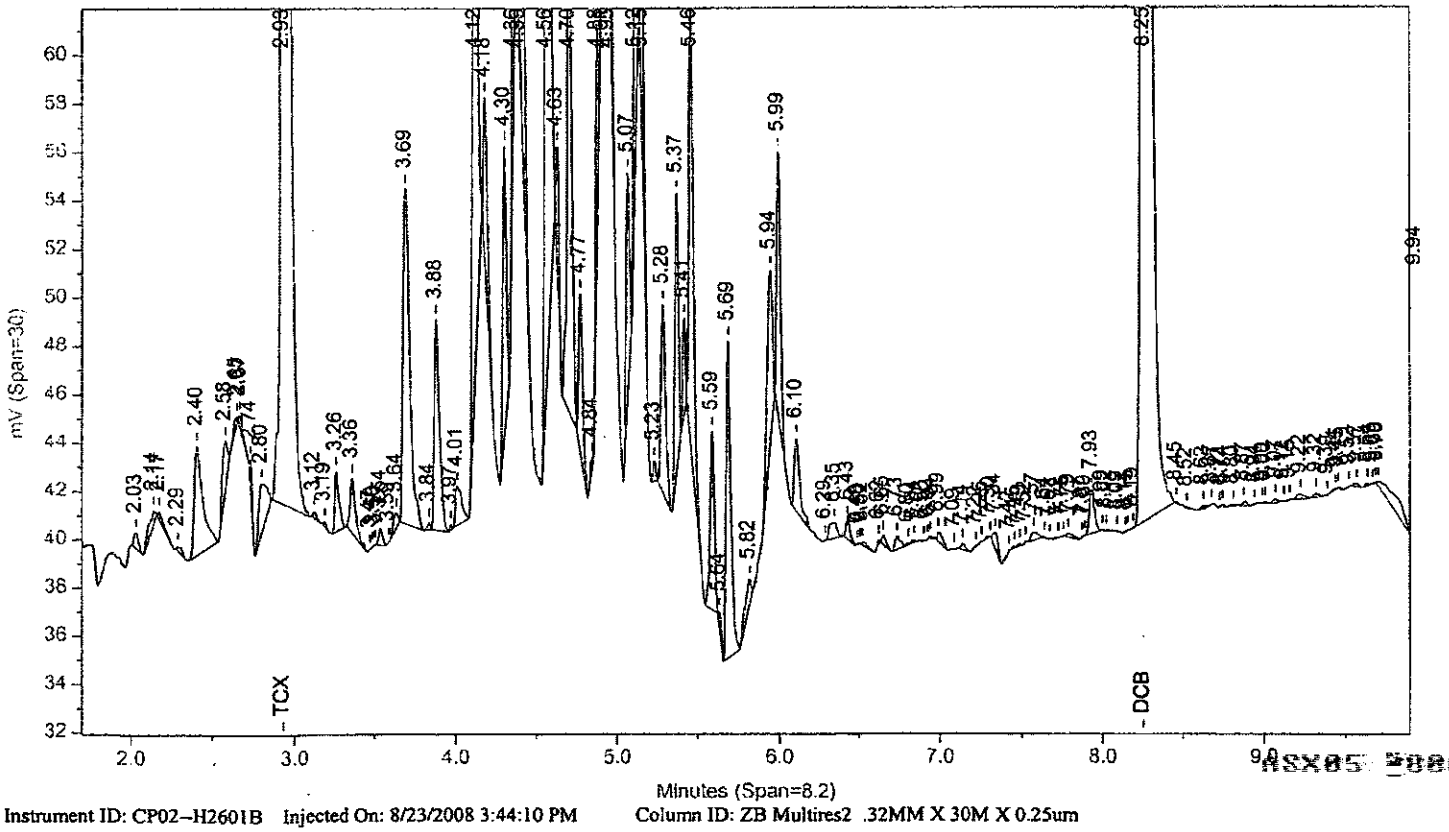


Instrument ID: CP02--H2601B Injected On: 8/23/2008 3:44:10 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

ASX05 0007

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

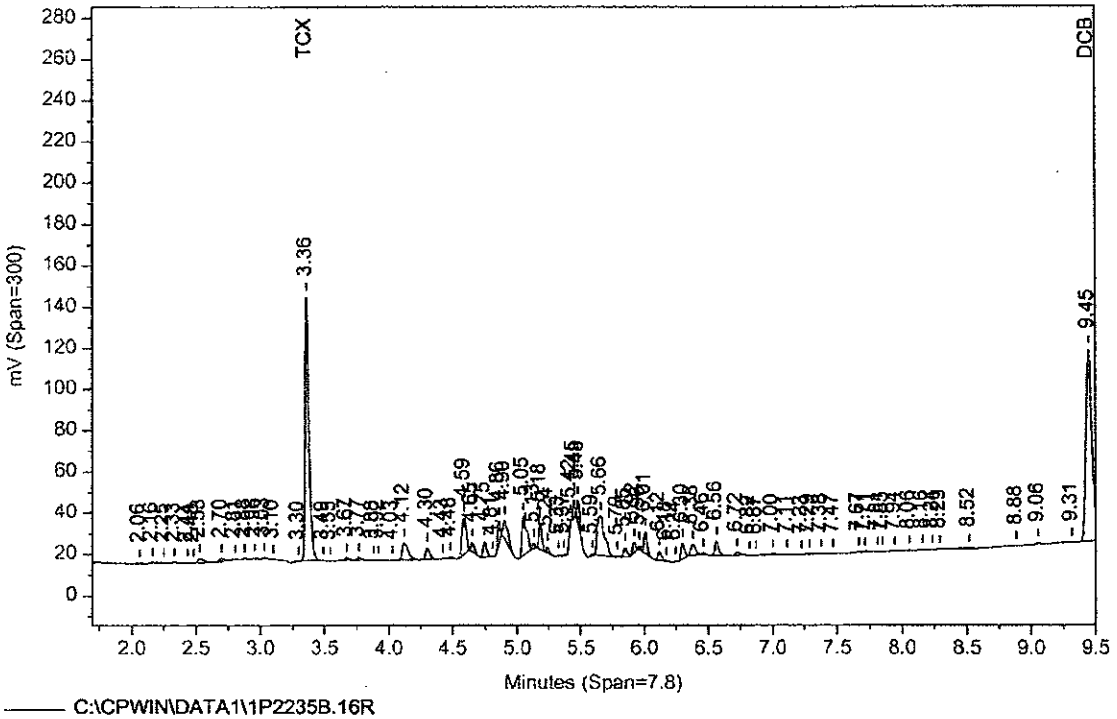
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	129309	40.55191	TCX	2.932	205163	38.51139	TCX
9.448	93256	40.78938	DCB	8.255	178520	38.81476	DCB

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

ASX05 0000

C:\CPWIN\DATA1\1P2235.16R



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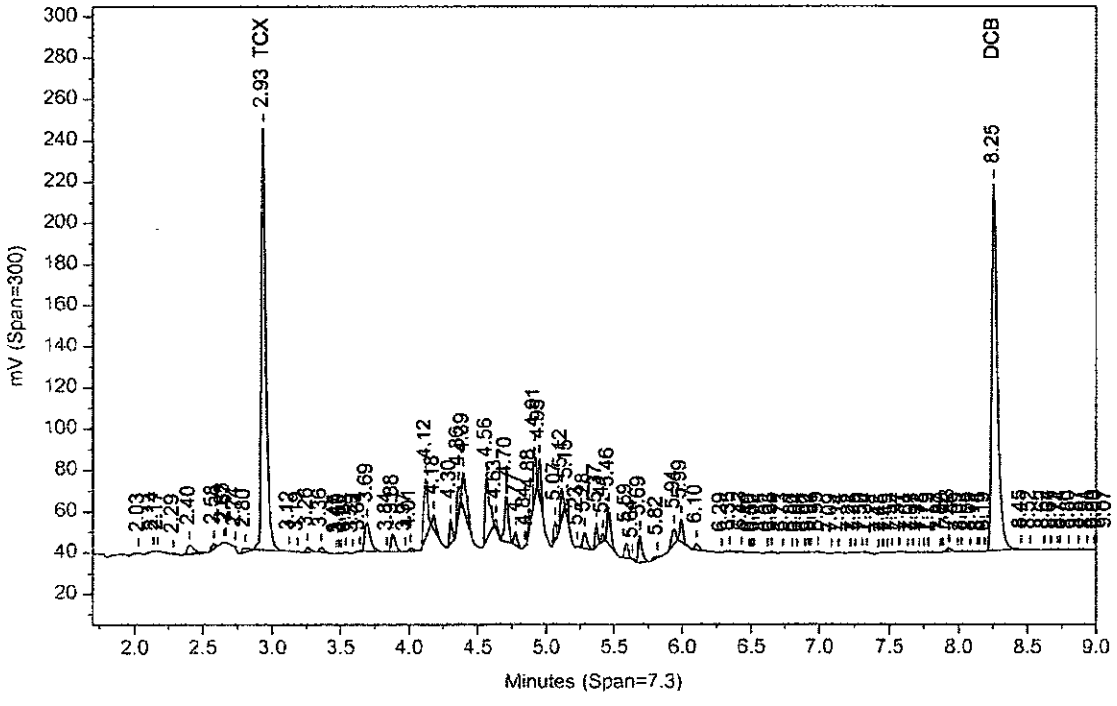

ASX05 0009

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

ASX85 0810

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

ASX05 0811

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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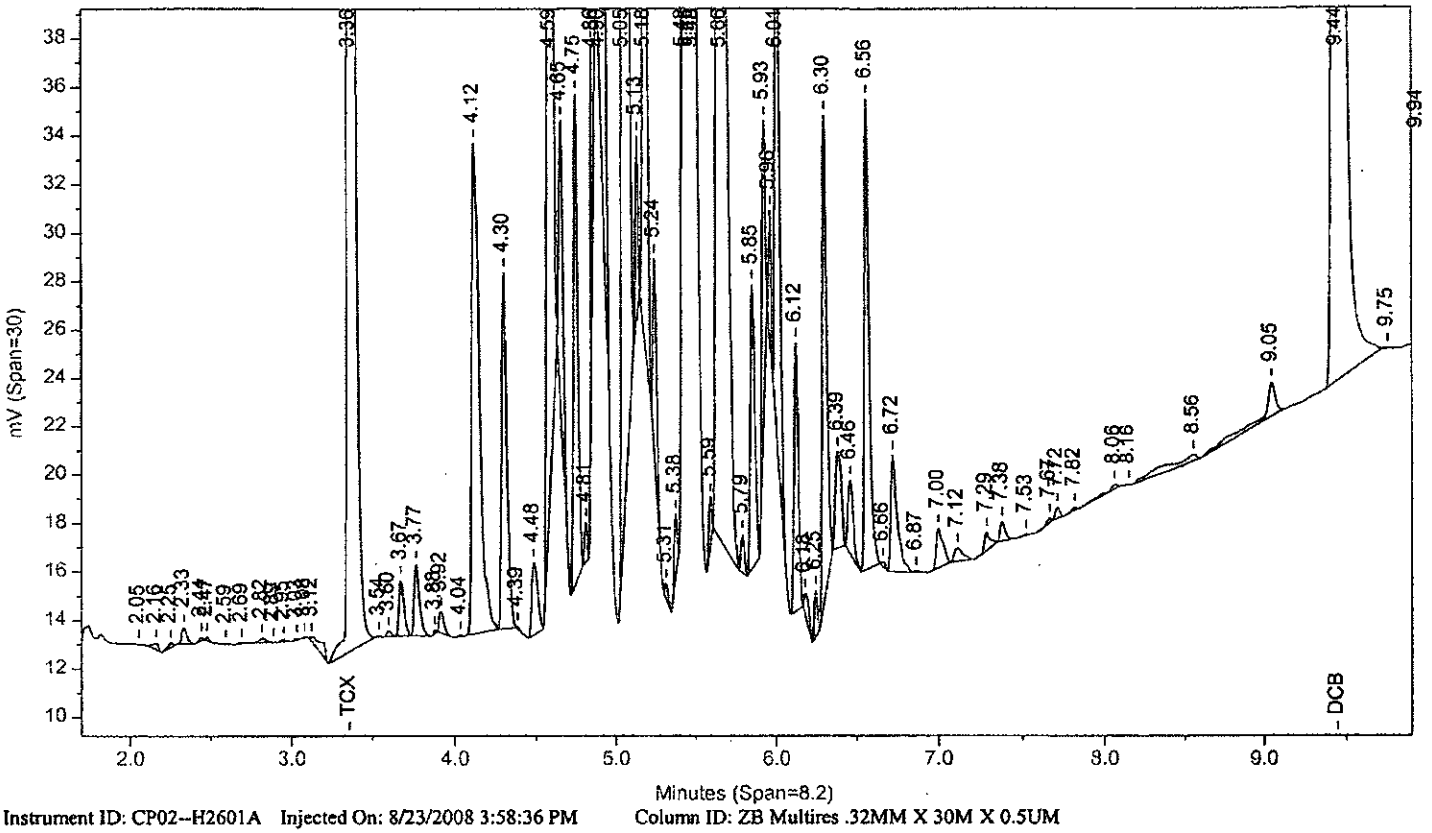
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.364		0.0000	0.000	33.9	0.001	BB	0.009	62.08	0.004
134	9.396		0.0000	0.000	75.3	0.002	BB	0.018	68.66	0.005
135	9.447		0.0000	0.000	20.8	0.001	BB	0.007	52.70	0.004
136	9.463		0.0000	0.000	36.2	0.001	BB	0.011	54.55	0.004
137	9.497		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

ASX05 0014

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.17R

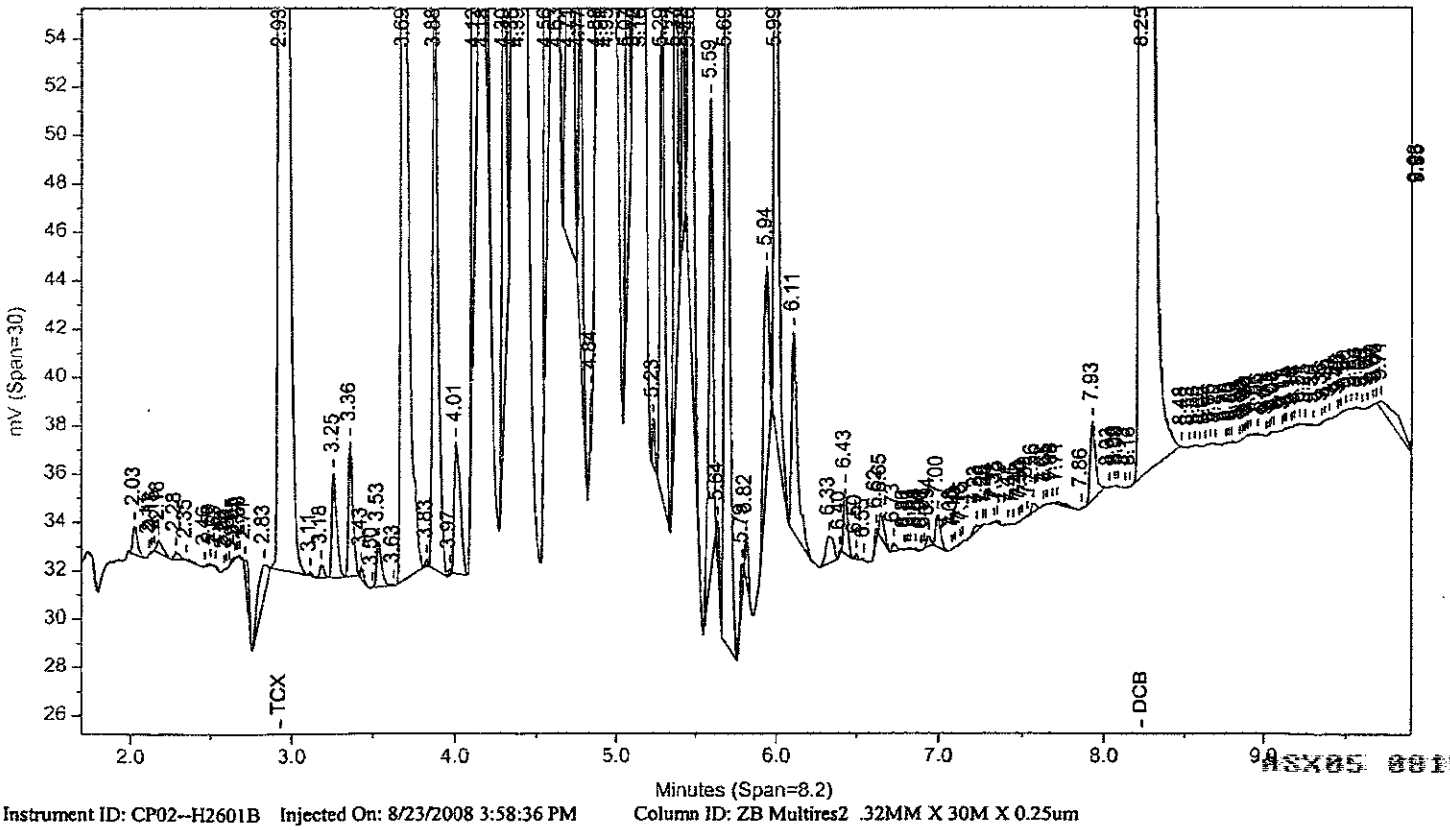
C:\CPWIN\DATA1\1P2235.17R



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

C:\CPWIN\DATA1\1P2235B.17R



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

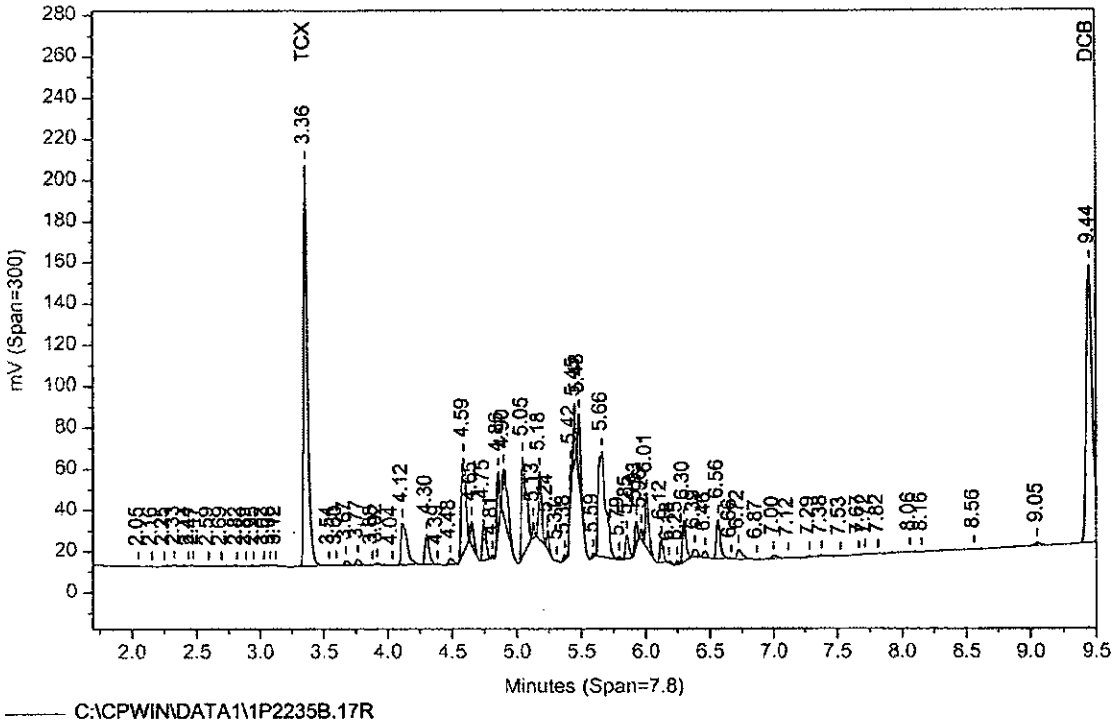
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	195848	61.41893	TCX	2.93	308024	57.81963	TCX
9.445	134962	59.03102	DCB	8.25	256177	55.69941	DCB

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

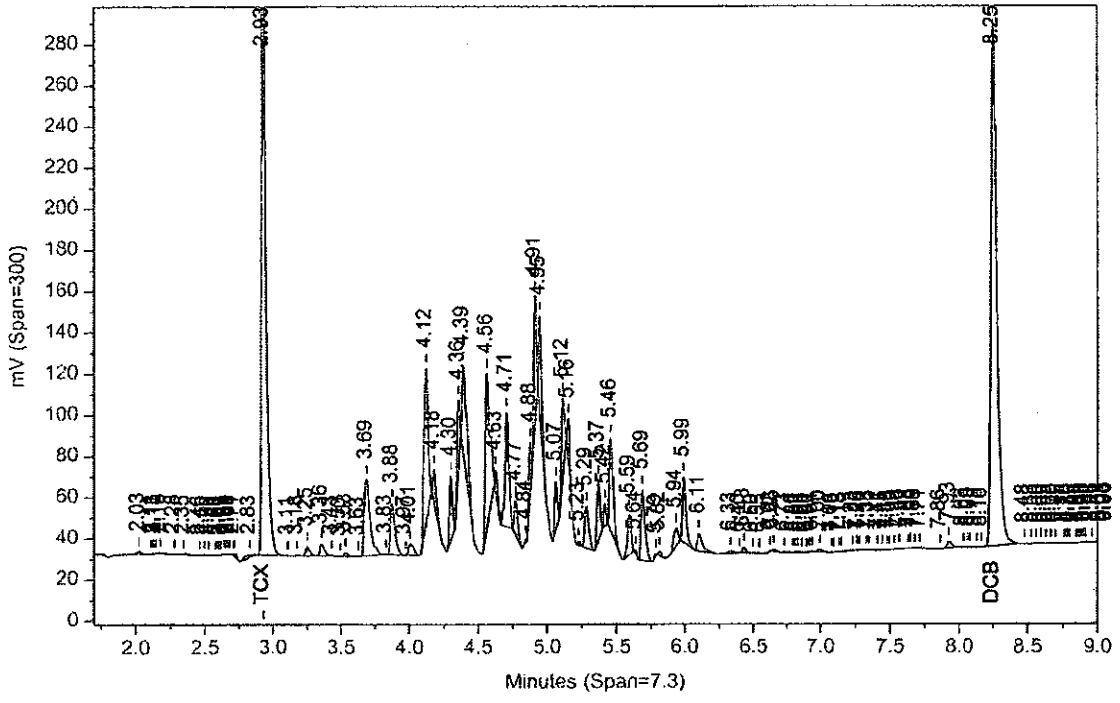
10X REPLOTS

ASX05 0016

C:\CPWIN\DATA1\1P2235.17R



C:\CPWIN\DATA1\1P2235B.17R



ASX05 0817

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

ASX05 0019

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	69.9	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

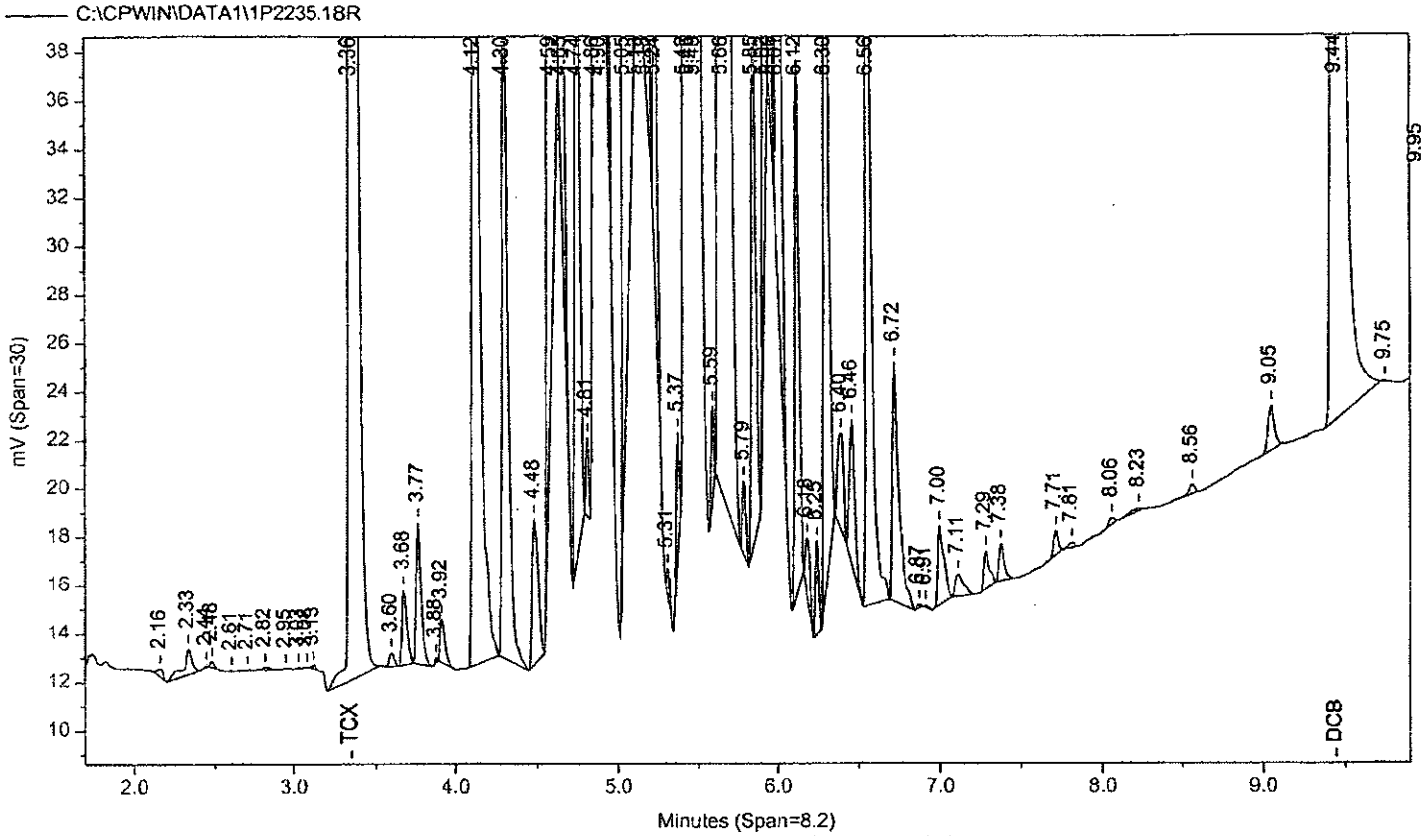
ASX05 0021

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

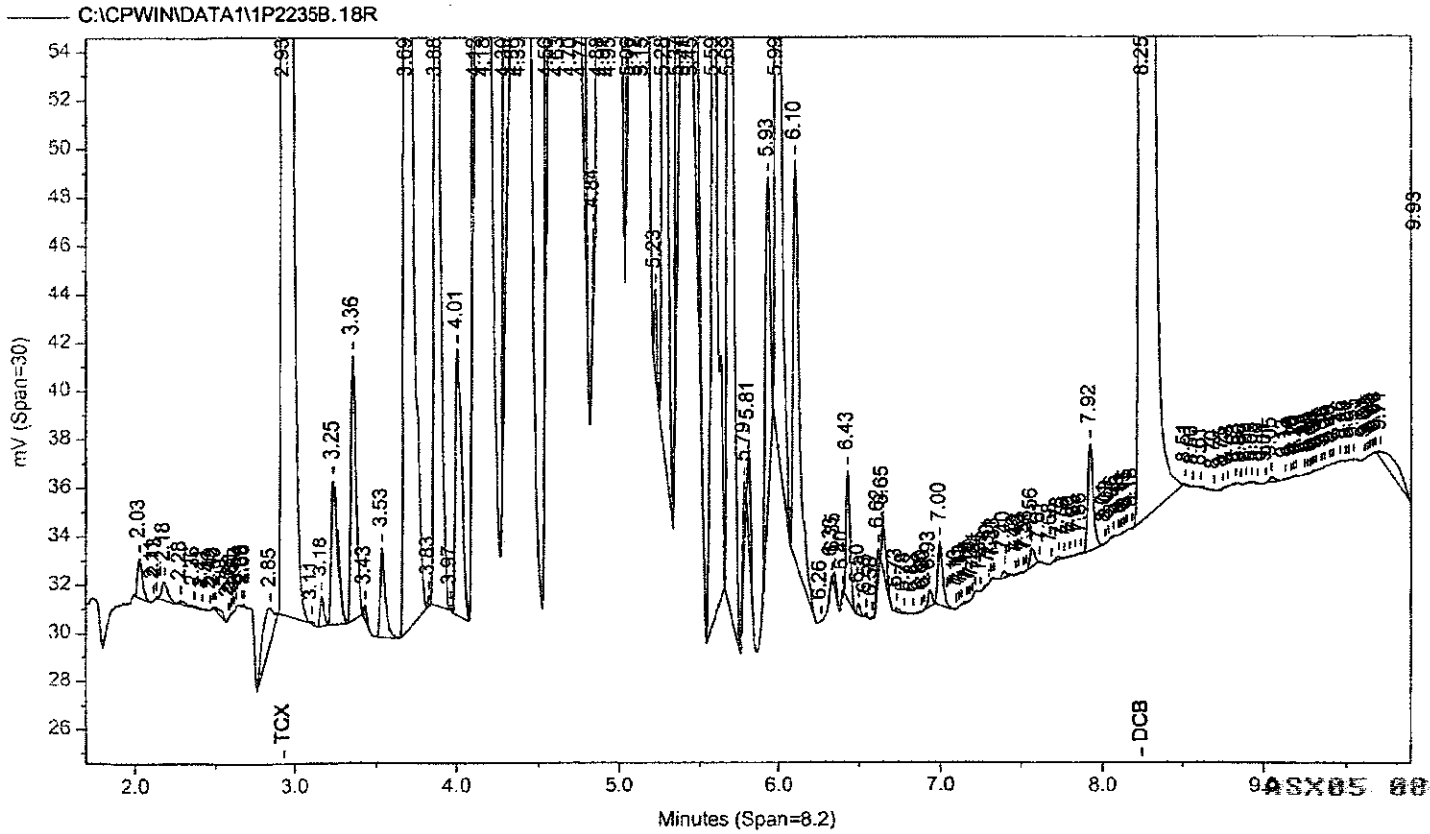
ASX05 0022

LANCASTER LABORATORIES File: 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



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

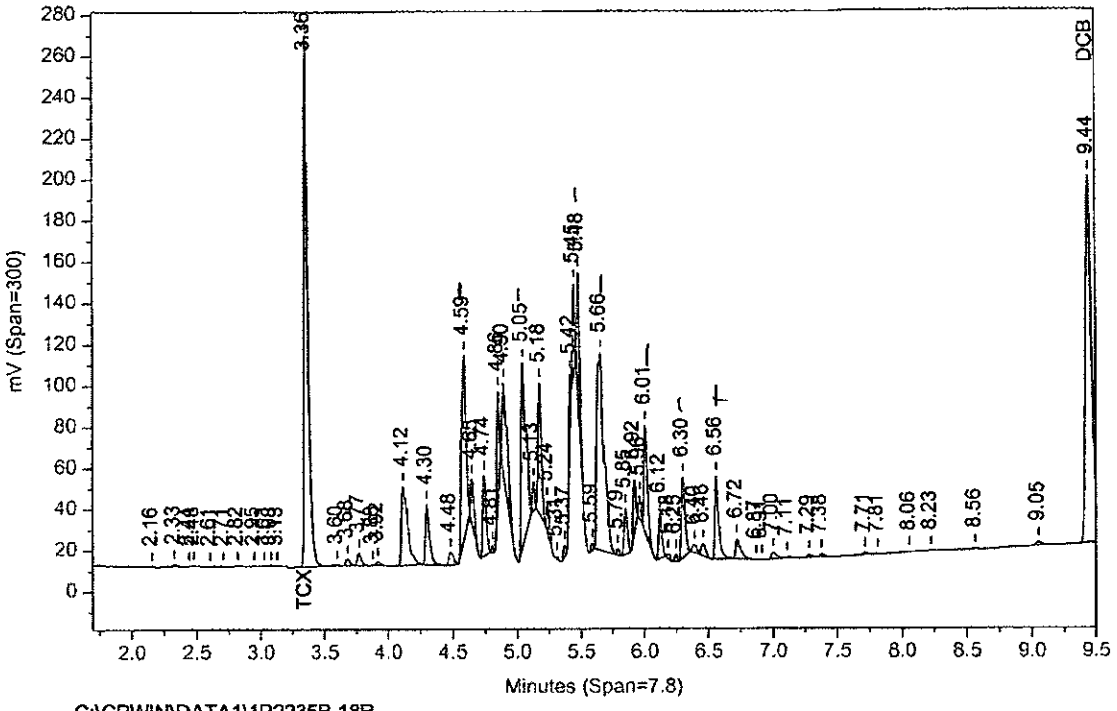
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.357	258196	80.97173	TCX	2.932	401862	75.43404	TCX
9.443	178099	77.89902	DCB	8.248	328141	71.34618	DCB

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

ASX05 0824

C:\CPWIN\DATA1\1P2235.18R



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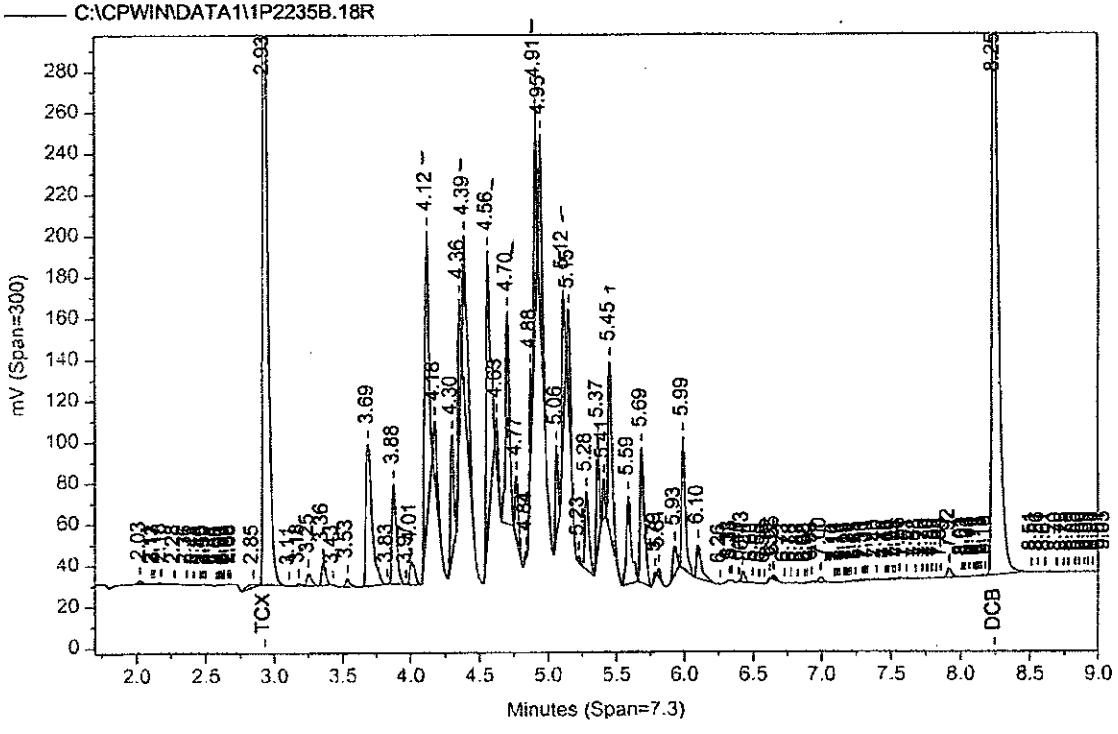


ASX85 0825

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

ASX05 0826

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

ASX05 0027

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

ASX85 8828

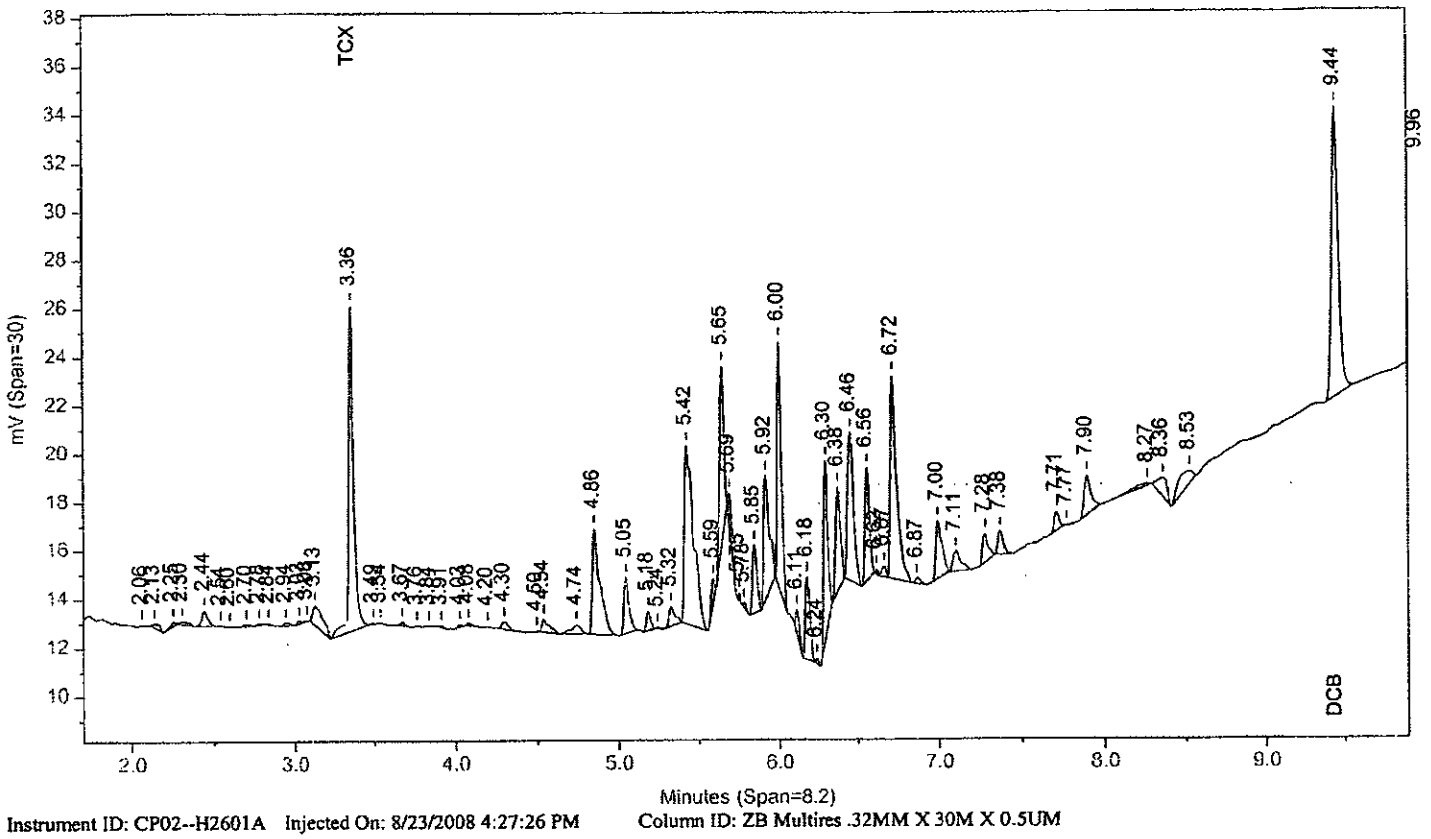
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.575		0.0000	0.000	57.0	0.010	BB	0.012	76.60	0.033
64	6.616		0.0000	0.000	1275.1	0.234	BB	0.022	960.64	0.418
65	6.644		0.0000	0.000	1800.8	0.330	BB	0.029	1019.18	0.443
66	6.773		0.0000	0.000	25.2	0.005	BB	0.009	46.26	0.020
67	6.823		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

ASX05 0029

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.19R

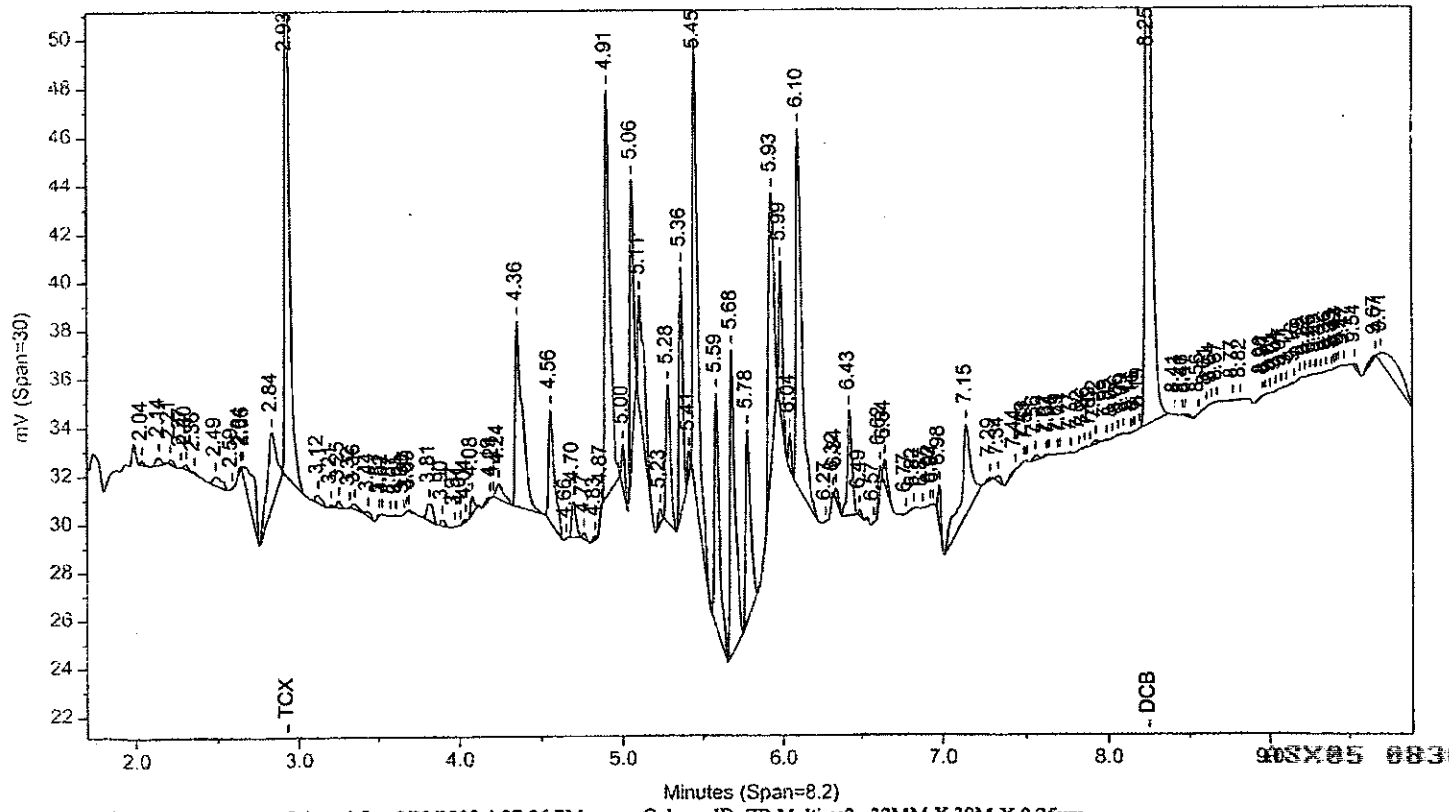
C:\CPWIN\DATA1\1P2235.19R



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

C:\CPWIN\DATA1\1P2235B.19R



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

ASX05 0031

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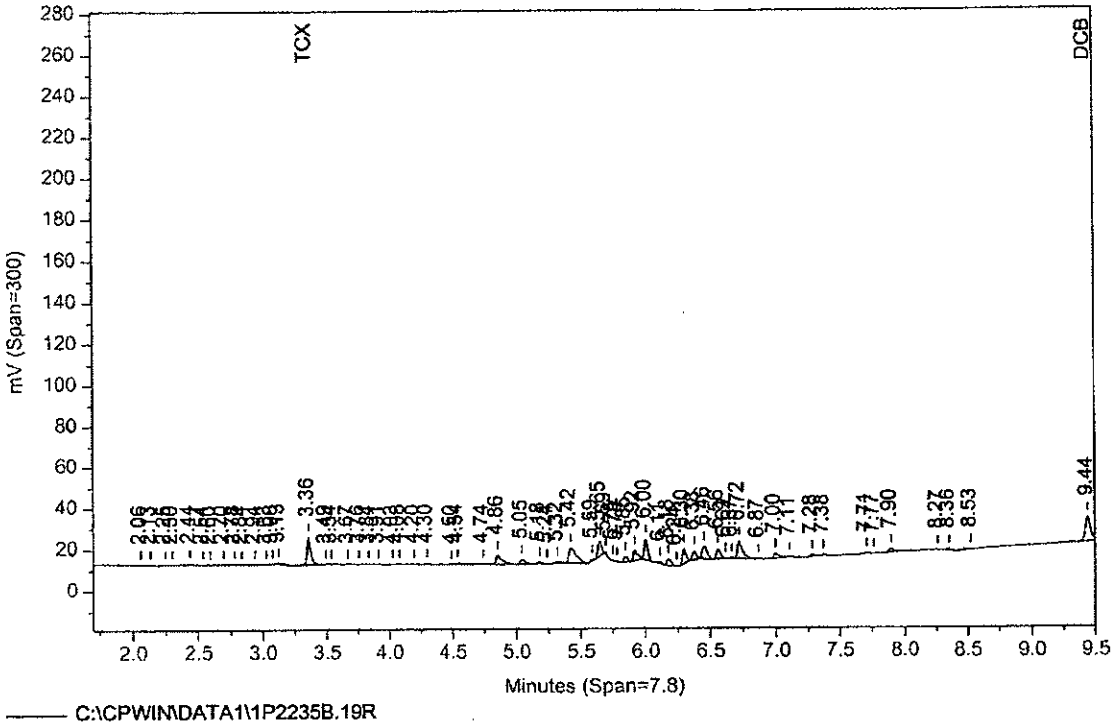

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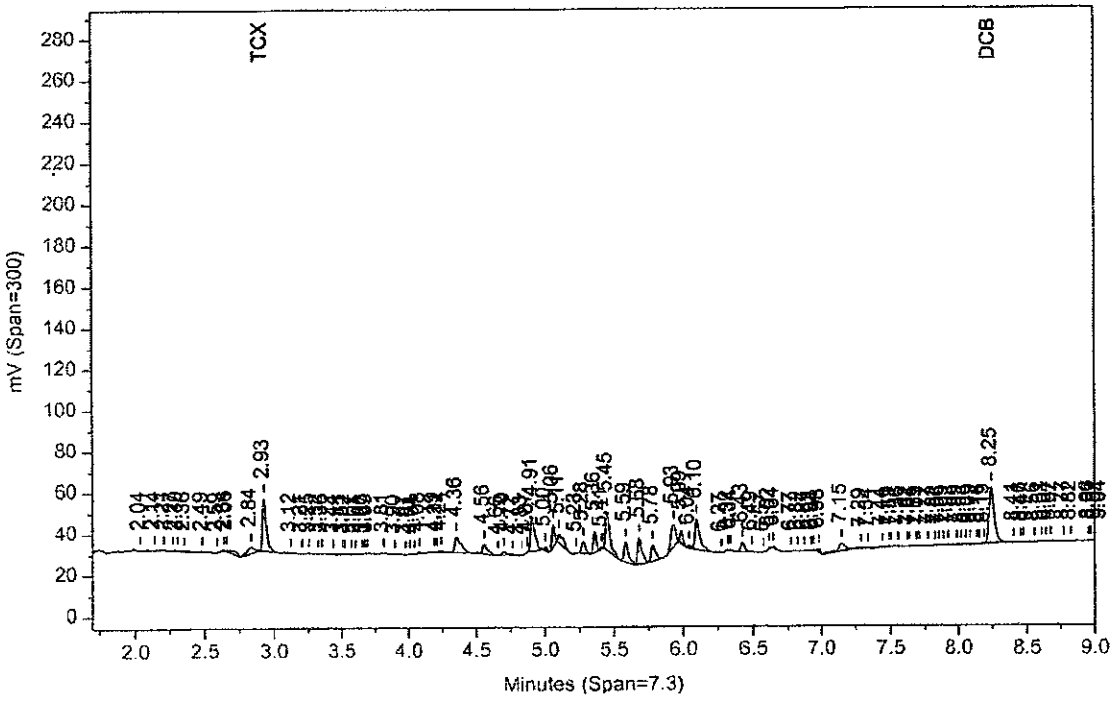

ASX05 0832

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

ASX05 0833

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

ASX05 0034

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

ASX05 0035

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

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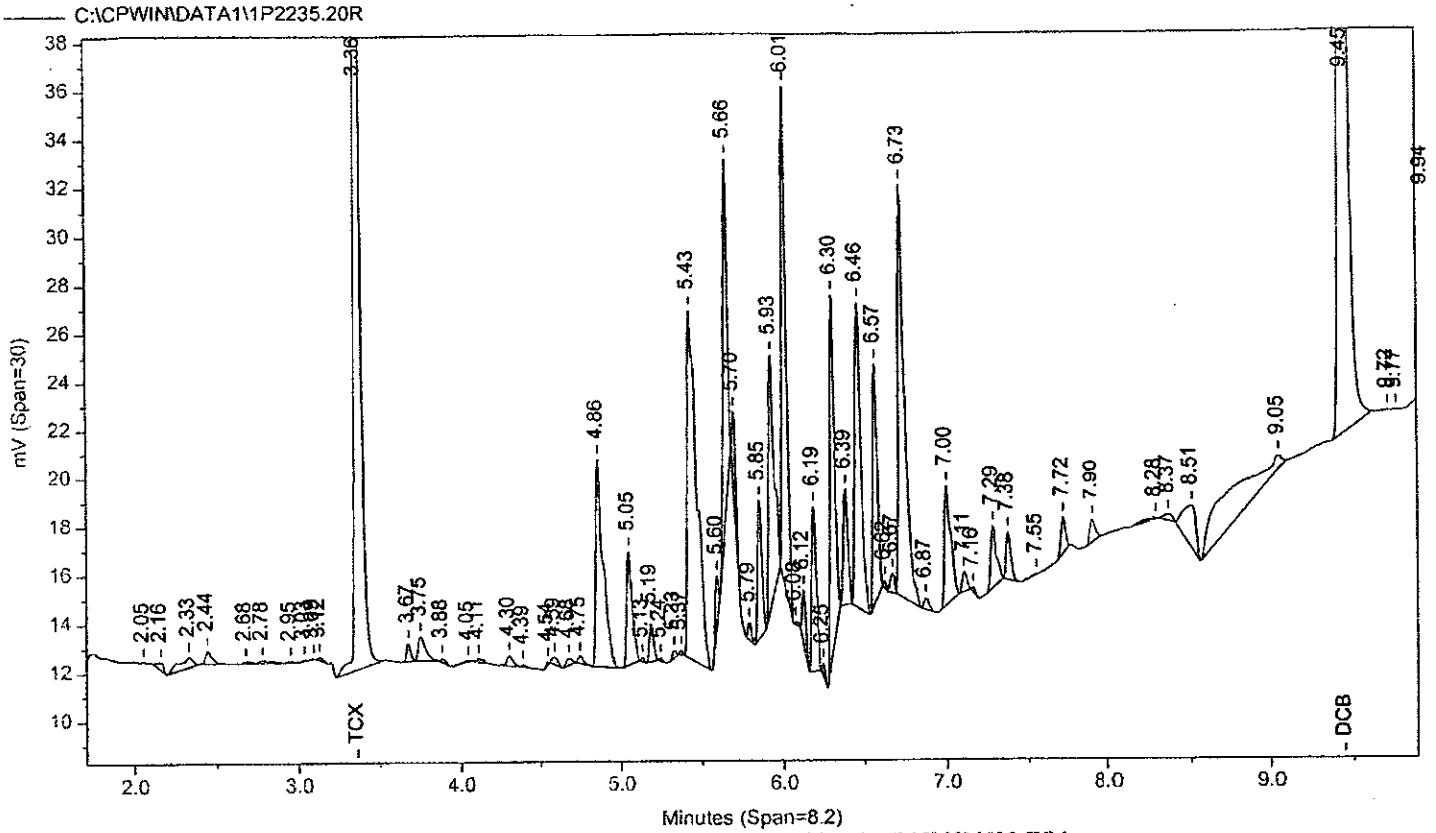
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.20R

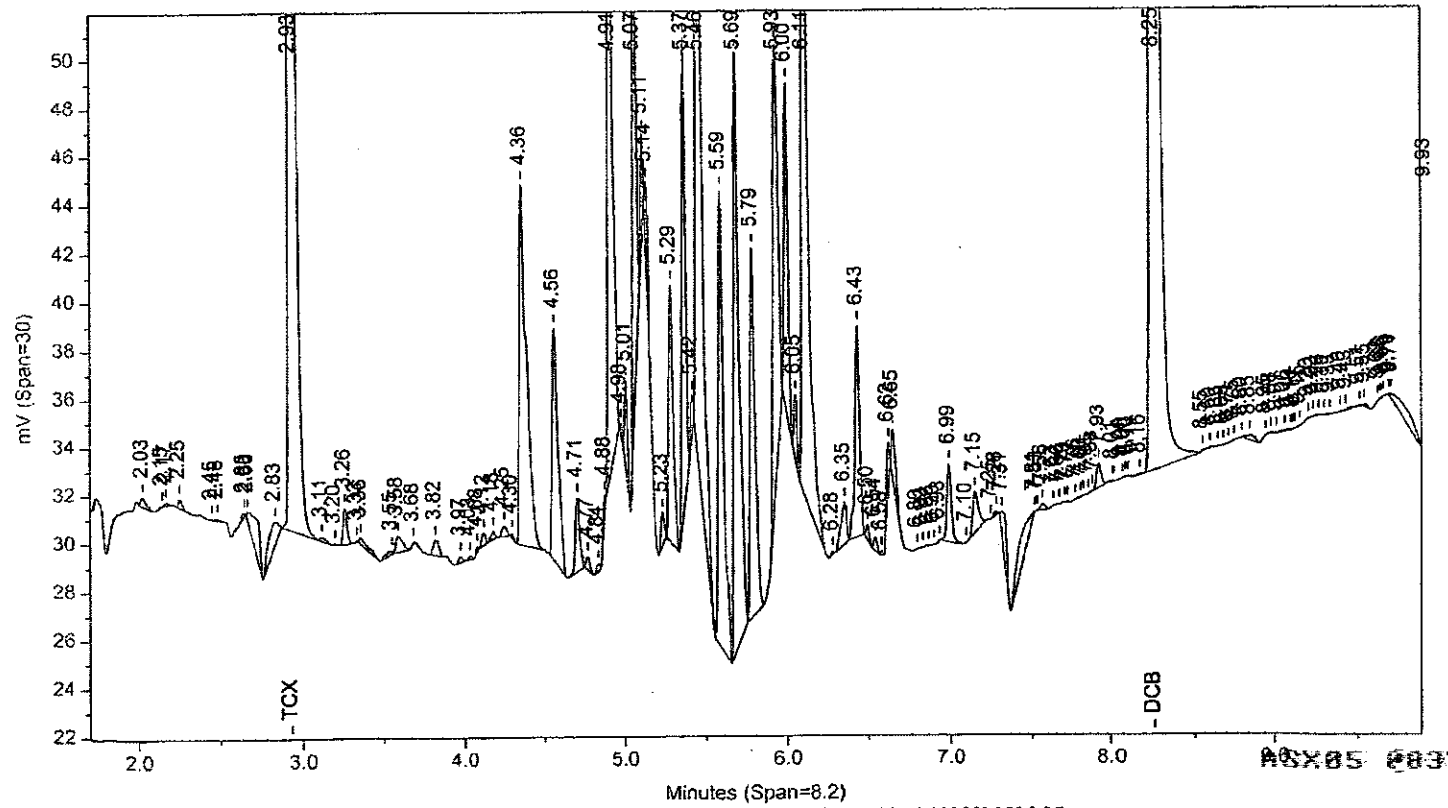
C:\CPWIN\DATA1\1P2235.20R



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

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

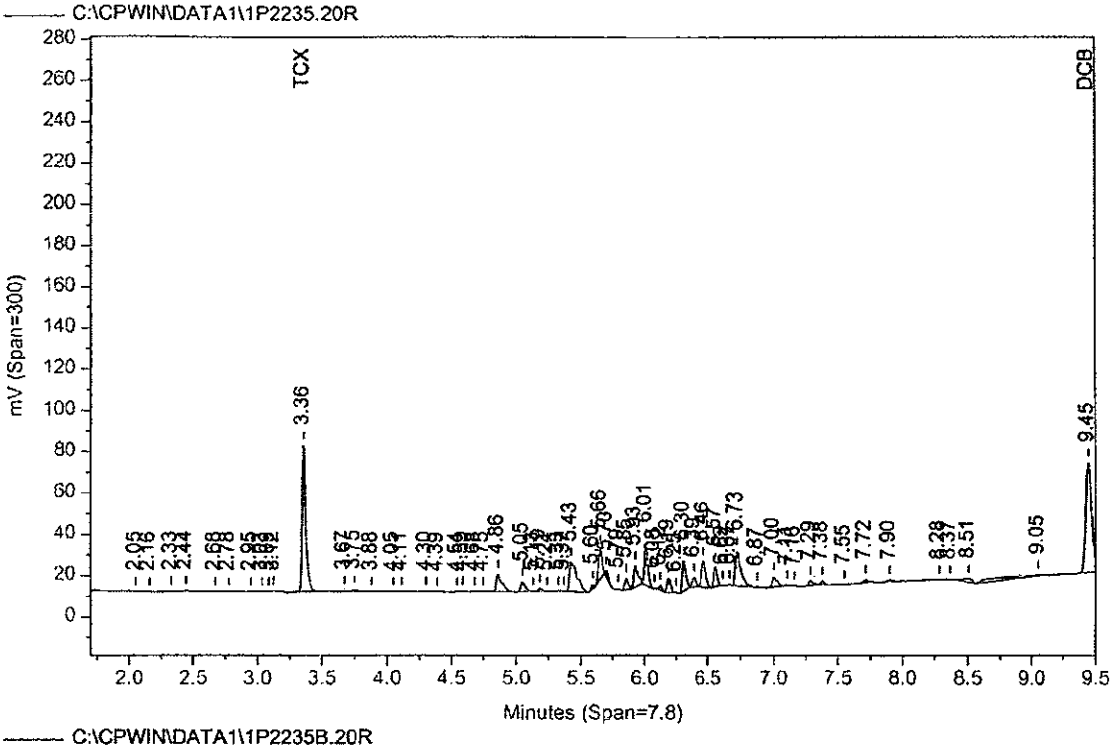
Dilution Factor: 1

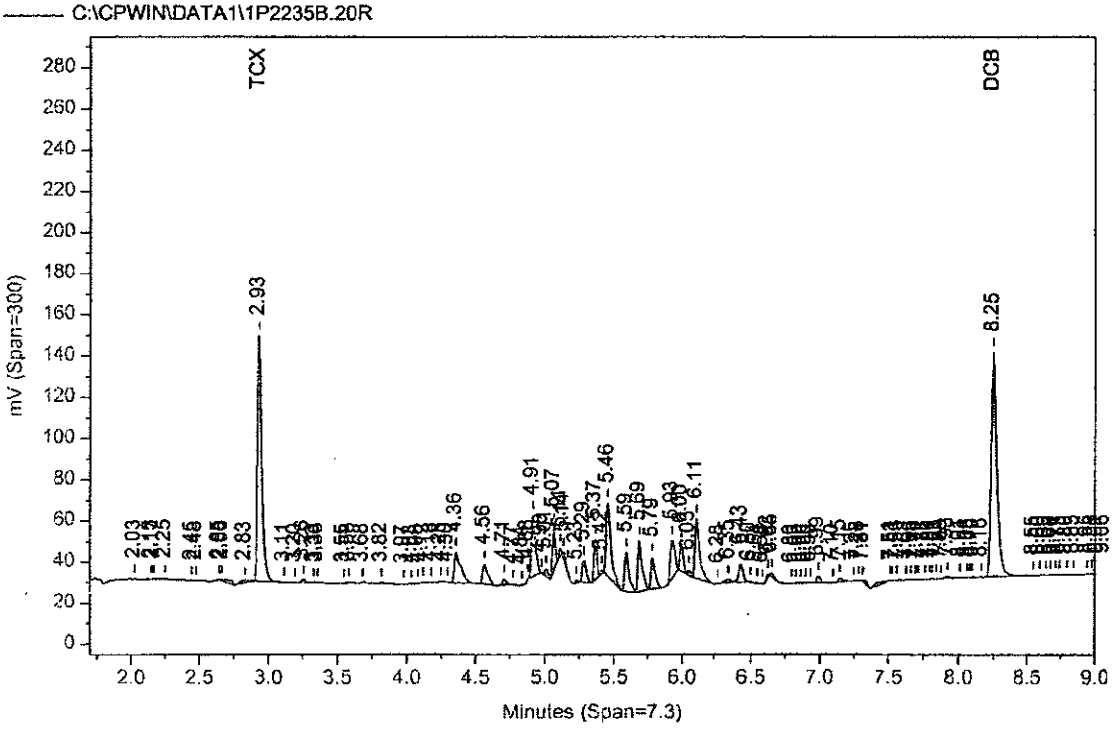
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	71476	22.41511	TCX	2.931	119520	22.43534	TCX
9.446	53235	23.28434	DCB	8.25	108996	23.69856	DCB

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

ASX05 0038


C:\CPWIN\DATA1\1P2235.20R
TCX
DCB
3.36
9.45
mV (Span=300)
Minutes (Span=7.8)


C:\CPWIN\DATA1\1P2235B.20R
TCX
DCB
2.93
8.25
mV (Span=300)
Minutes (Span=7.3)

ASX05 0839

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

ASX05 0041

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

ASX05 0042

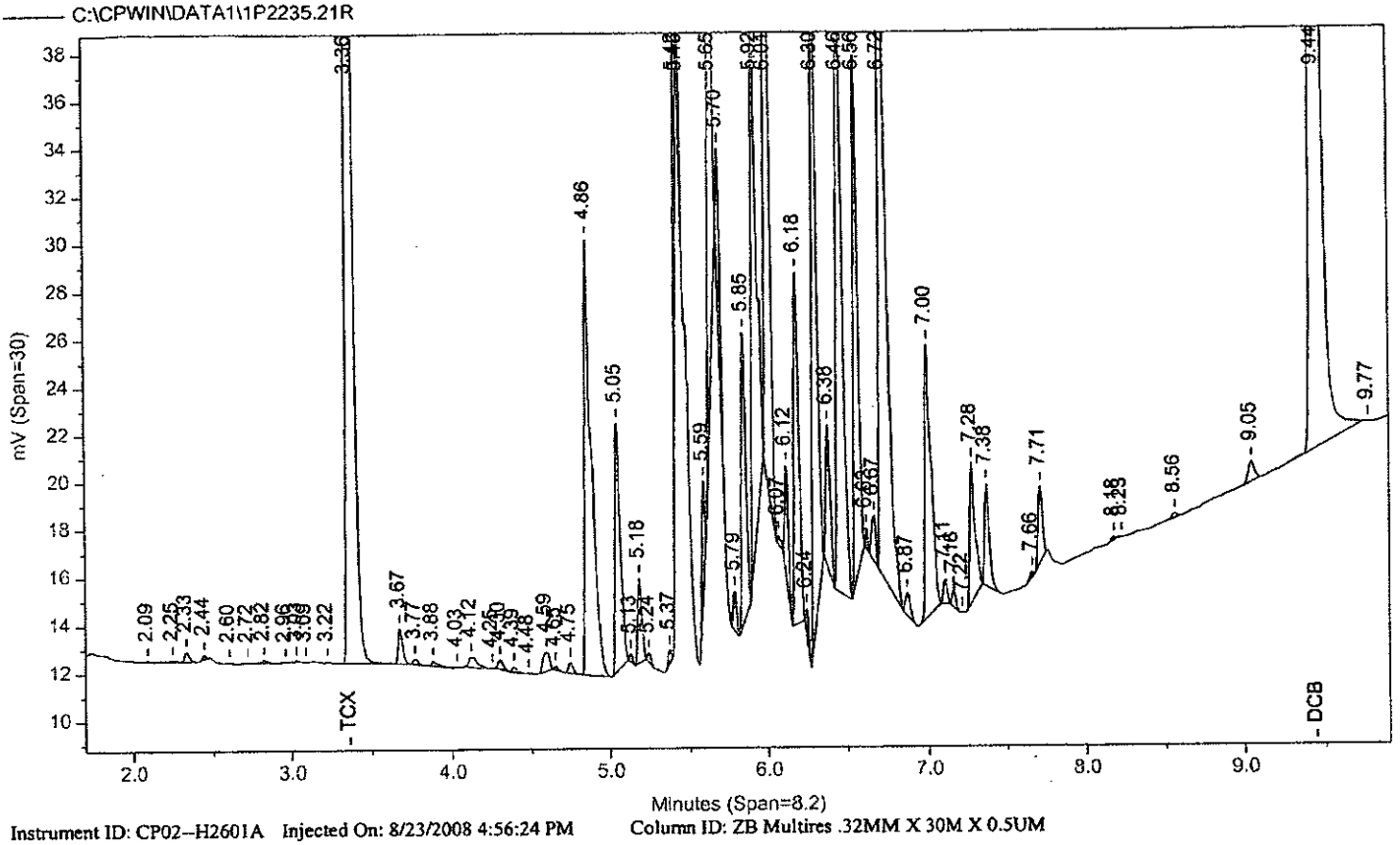
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.853		0.0000	0.000	130.7	0.005	BB	0.042	52.23	0.005
64	6.886		0.0000	0.000	12.7	0.001	BB	0.007	29.24	0.003
65	6.930		0.0000	0.000	428.2	0.018	BB	0.027	263.55	0.026
66	6.988		0.0000	0.000	18419.8	0.767	BB	0.036	8501.27	0.823
67	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

ASX05 0043

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

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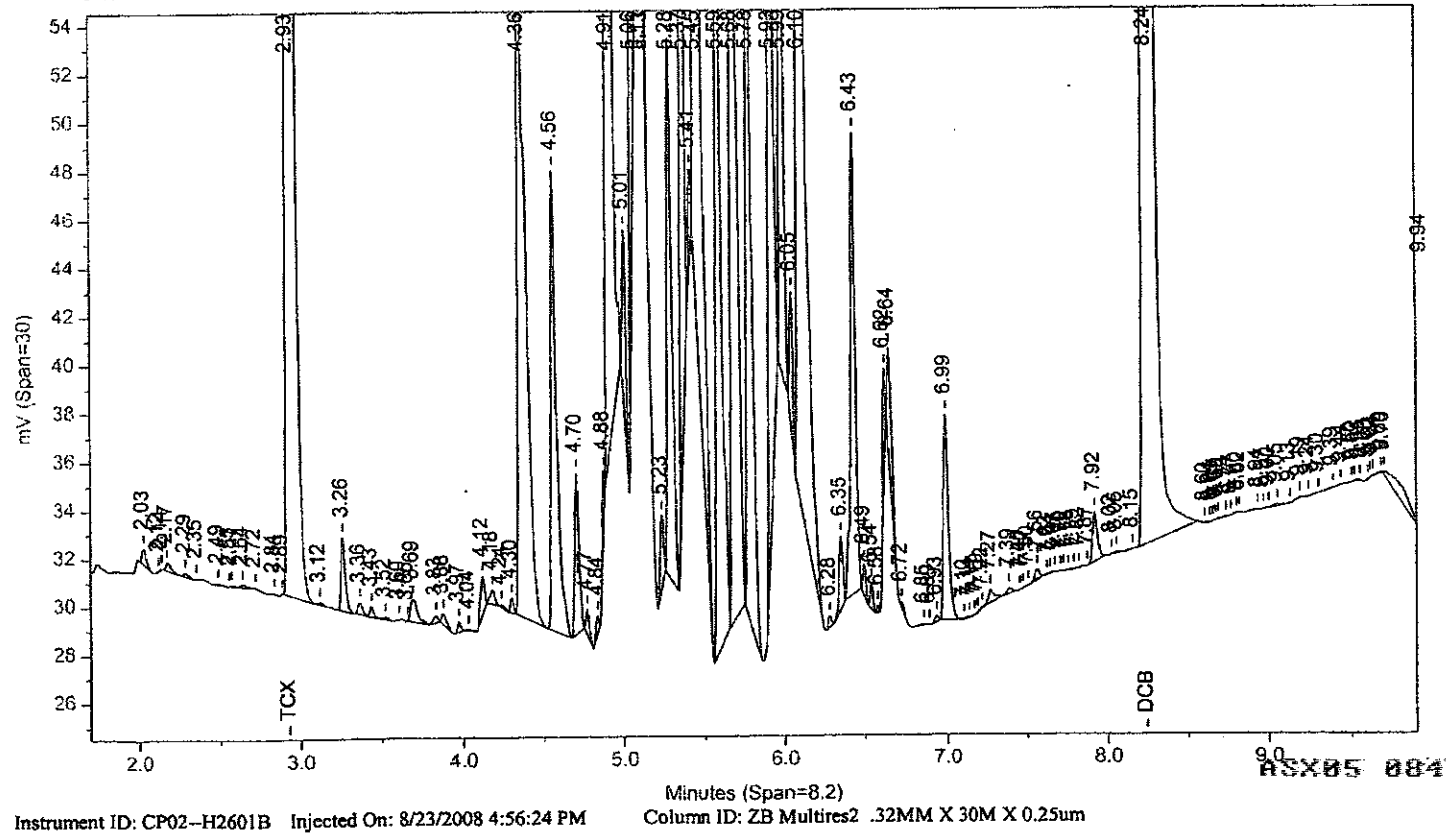


Instrument ID: CP02--H2601B Injected On: 8/23/2008 4:56:24 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

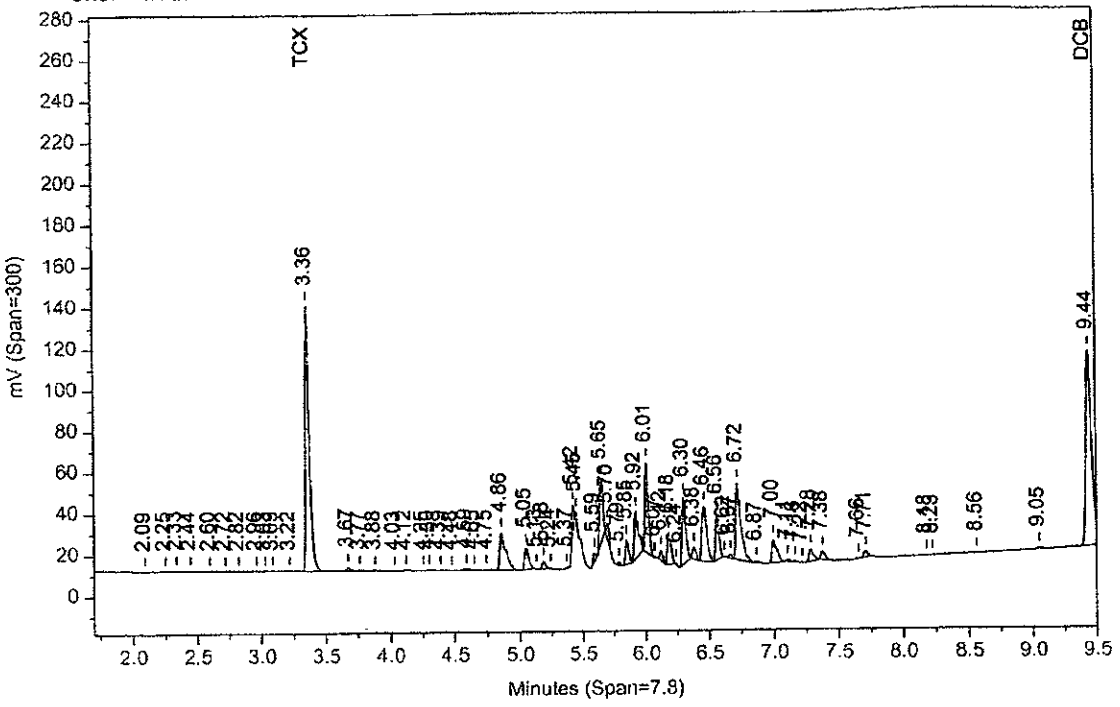
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.359	129024	40.46273	TCX	2.933	211040	39.61453	TCX
9.442	95073	41.58408	DCB	8.243	177921	38.68443	DCB

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

ASX05 0045

C:\CPWIN\DATA1\1P2235.21R



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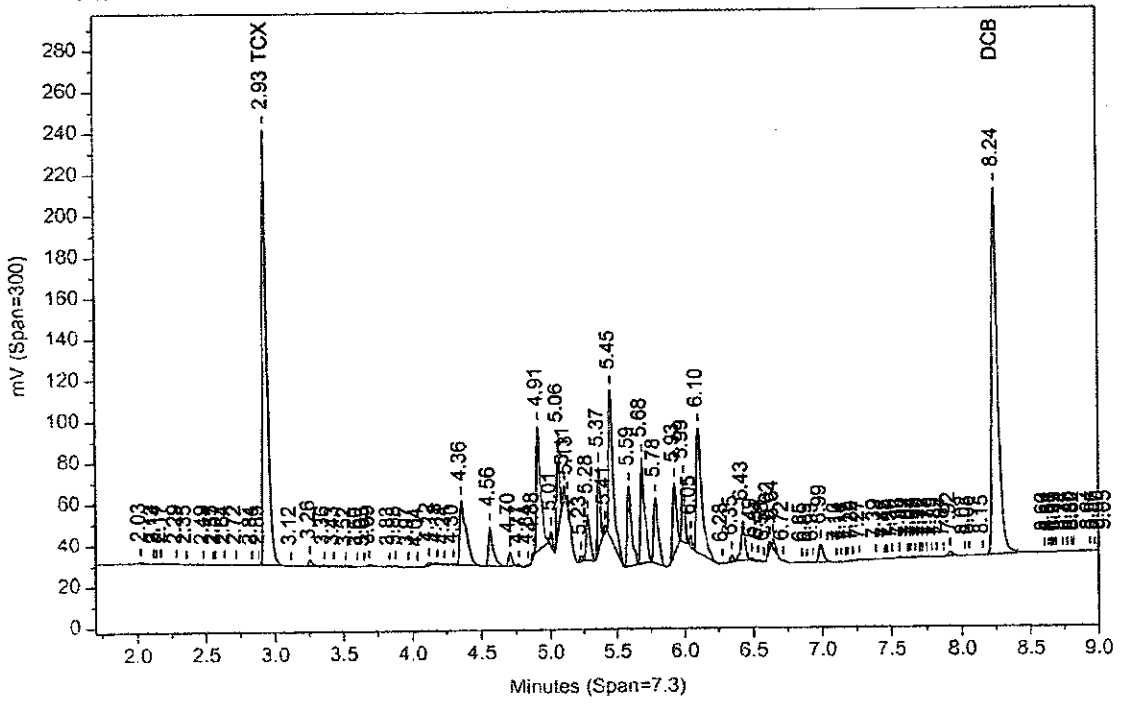


ASX05 0046

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

ASX05 0047

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

ASX05 0048

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

ASX05 0049

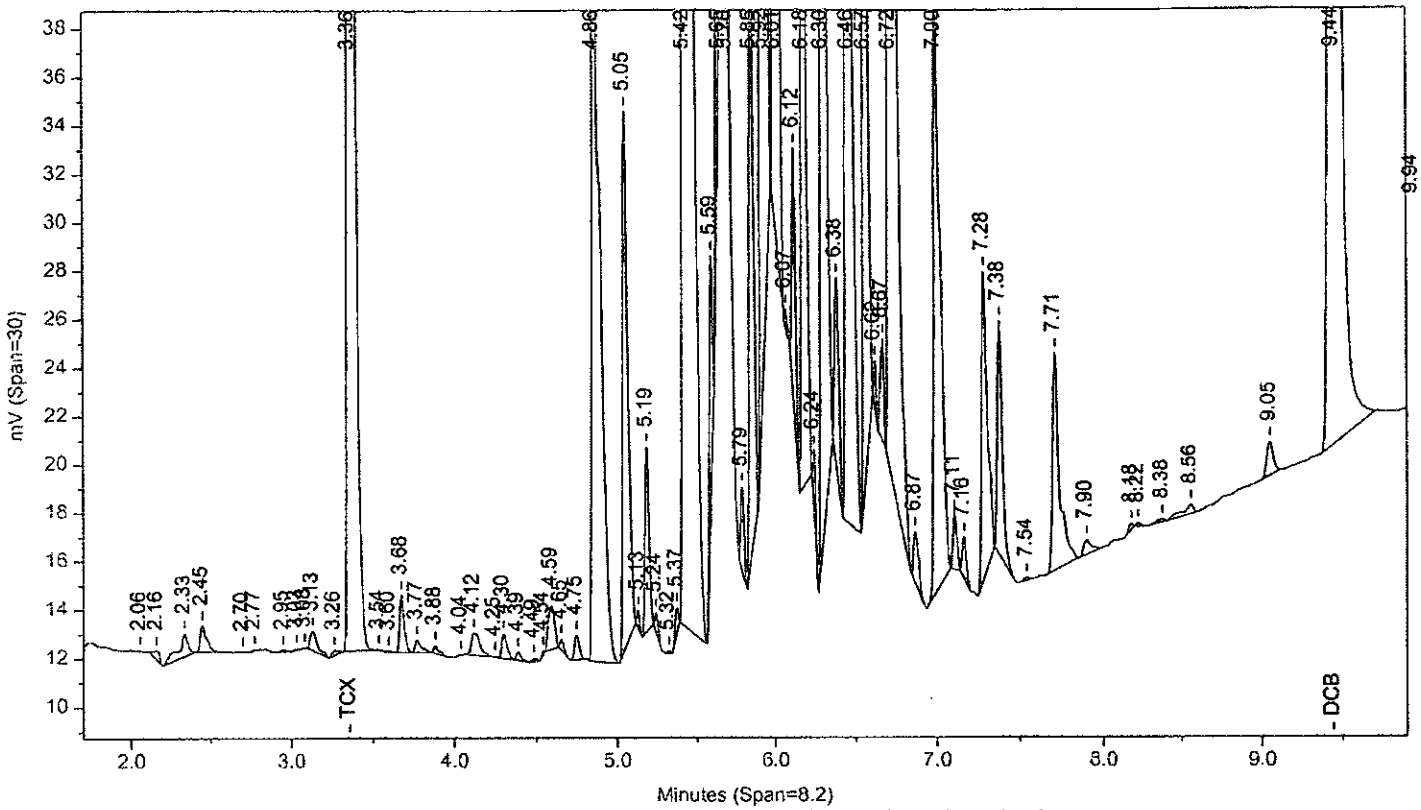
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.933		0.0000	0.000	744.2	0.017	BB	0.025	489.95	0.026
64	6.991		0.0000	0.000	39974.2	0.903	BB	0.037	18078.09	0.946
65	7.147		0.0000	0.000	2211.0	0.050	BB	0.035	1040.75	0.054
66	7.214		0.0000	0.000	35.1	0.001	BB	0.009	68.40	0.004
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

ASX05 0850

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

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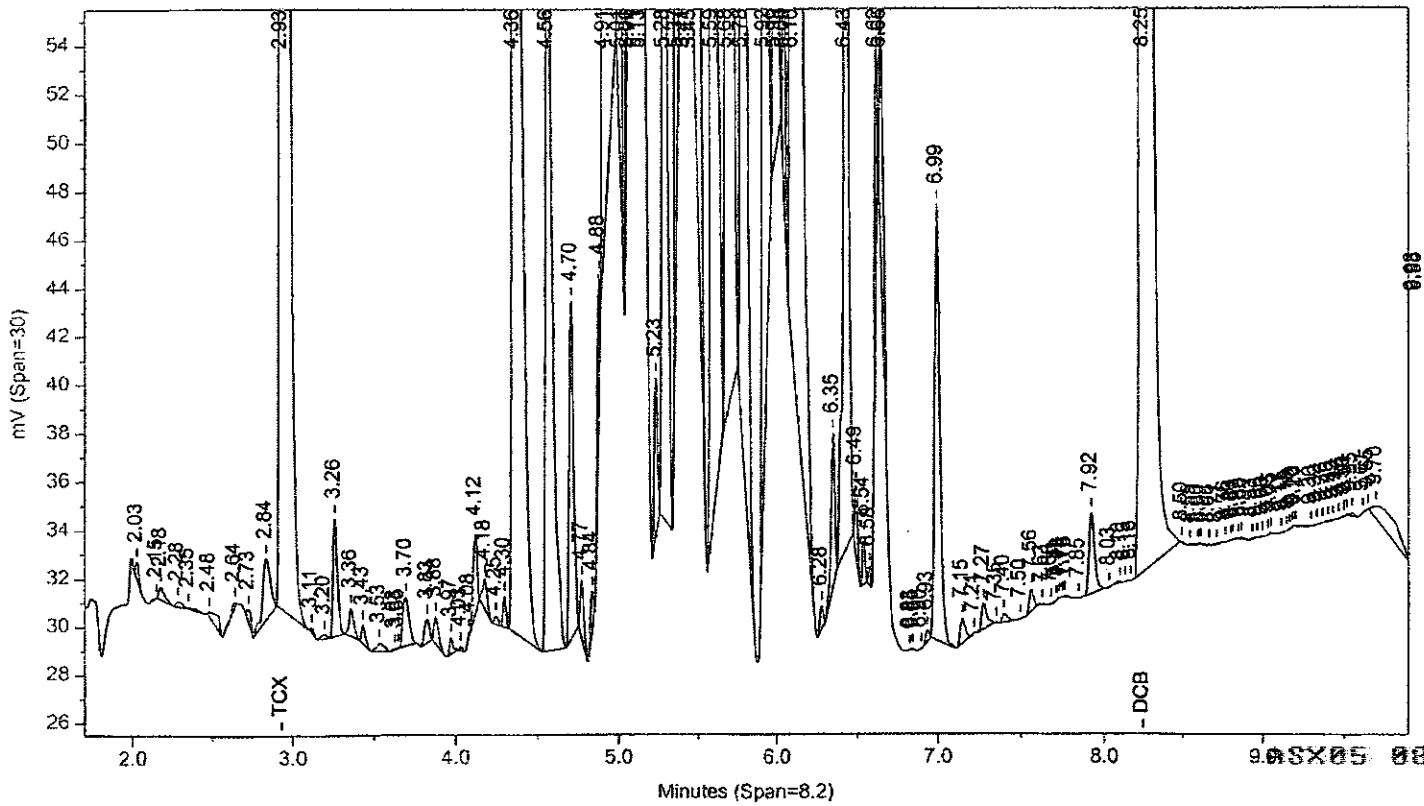


Instrument ID: CP02--H2601B Injected On: 8/23/2008 5:10:54 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

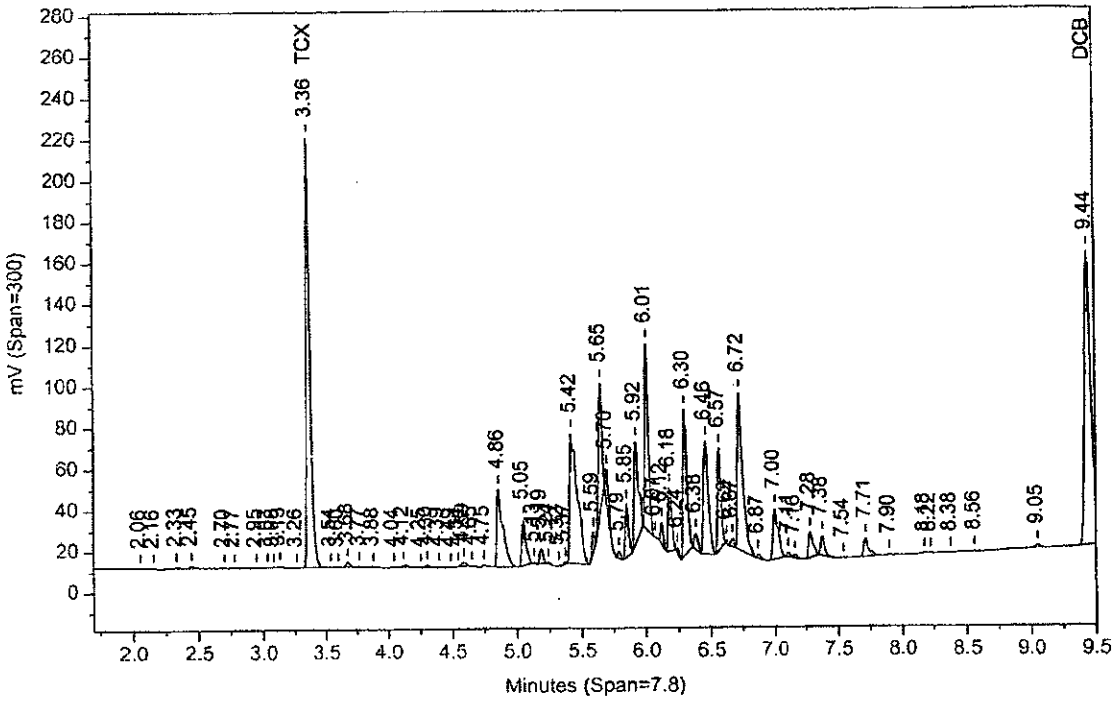
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	209905	65.8274	TCX	2.934	331753	62.27385	TCX
9.444	142693	62.41254	DCB	8.245	275943	59.99706	DCB

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

ASX05 0052

C:\CPWIN\DATA1\1P2235.22R



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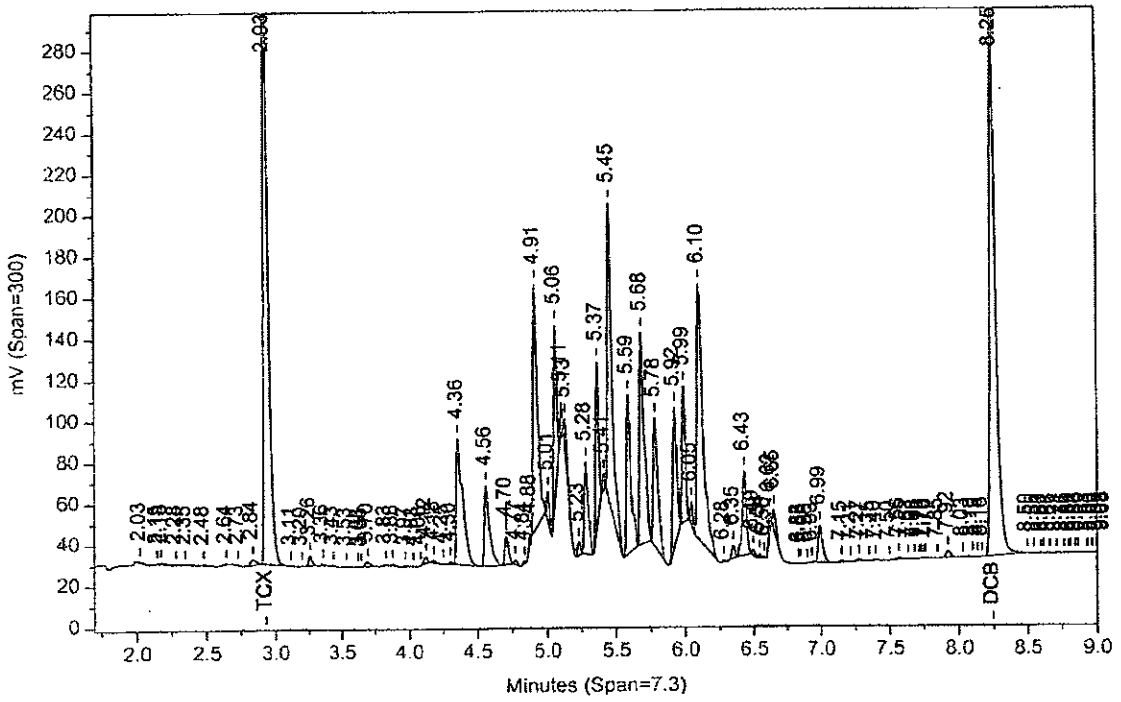


ASX05 0853

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

ASX05 0054

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

ASX05 0855

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

ASX05 0056

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

ASX05 0257

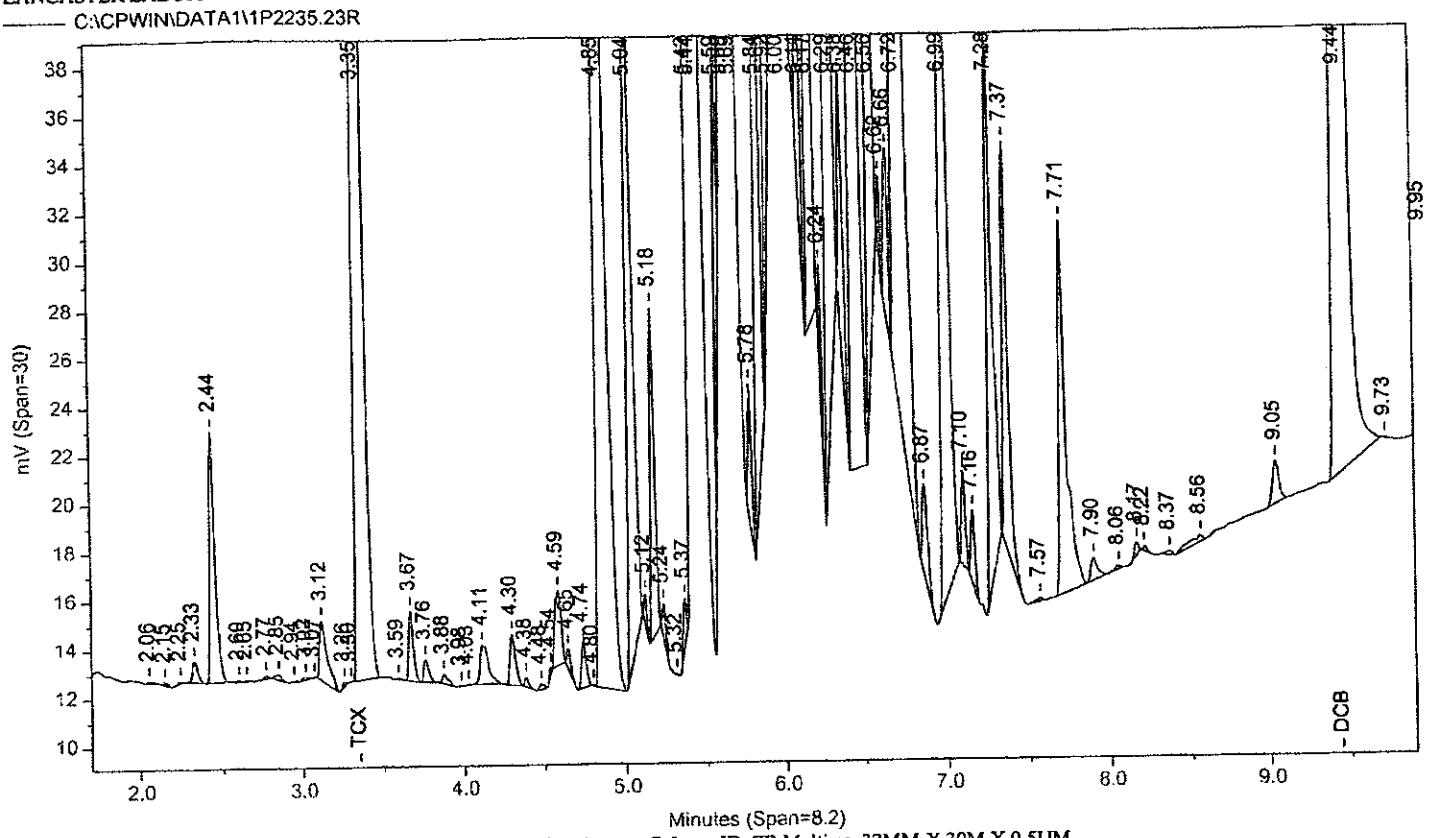
Total Area = 6610810.0, Total Amount = 142.798, Total Height = 2848948.0, Sample Units = ug/l

ASX05 0858

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\1P2235.23R

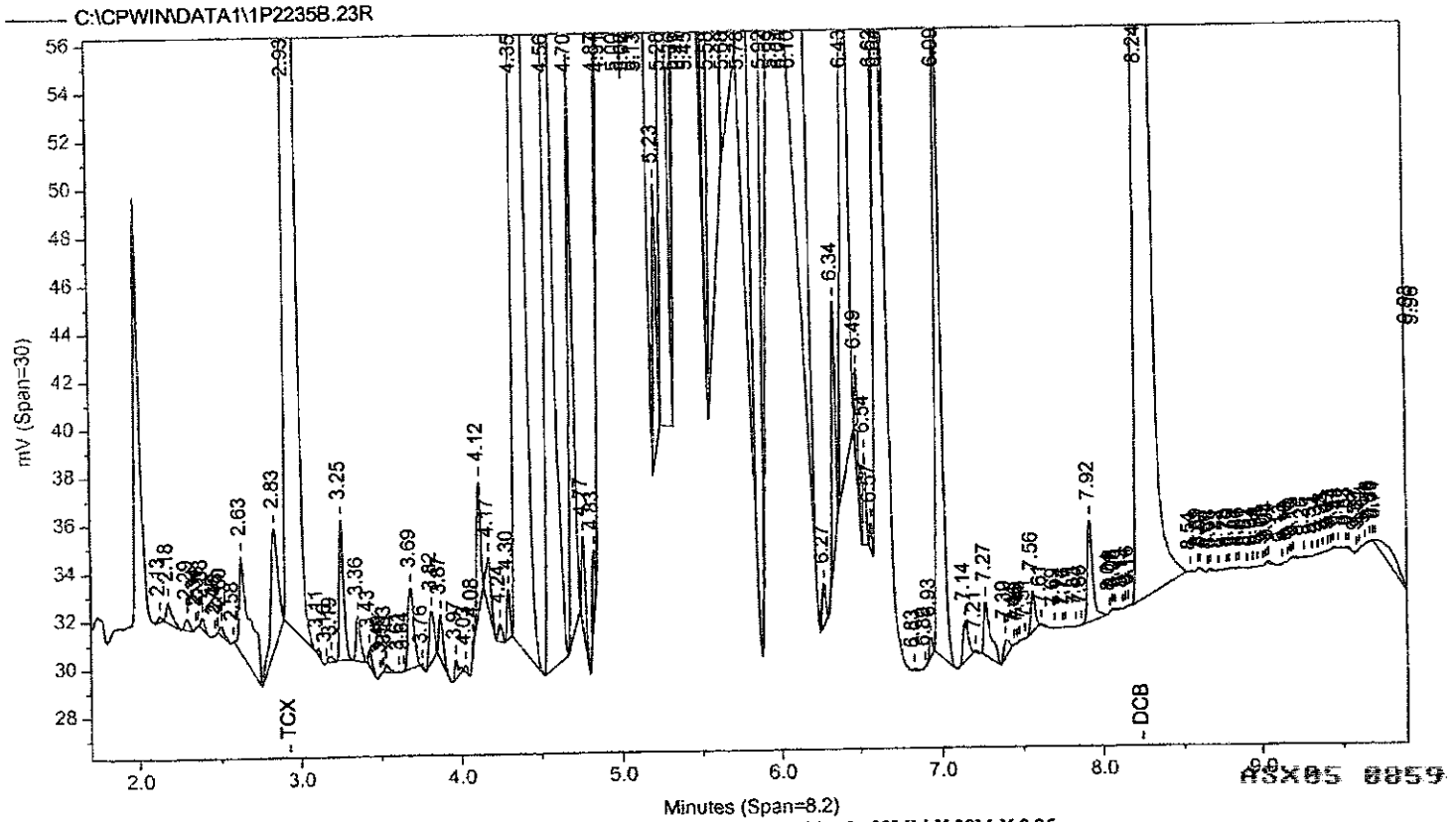
C:\CPWIN\DATA1\1P2235.23R



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

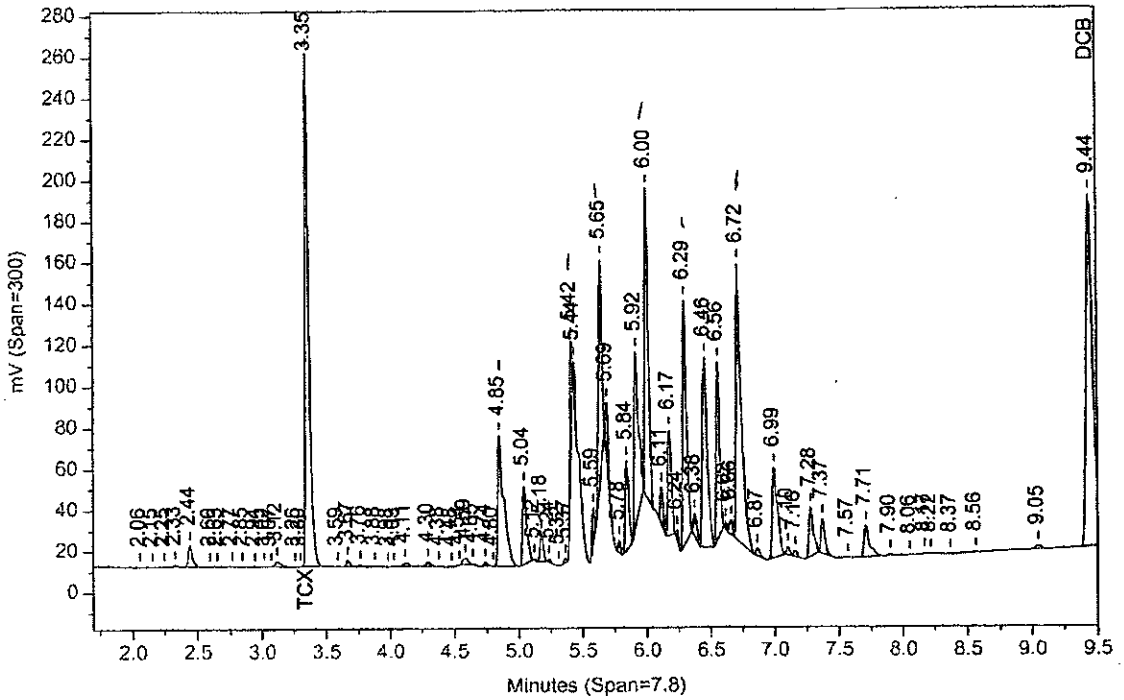
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	249789	78.33528	TCX	2.93	386666	72.58157	TCX
9.442	170779	74.6972	DCB	8.24	322946	70.21666	DCB

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

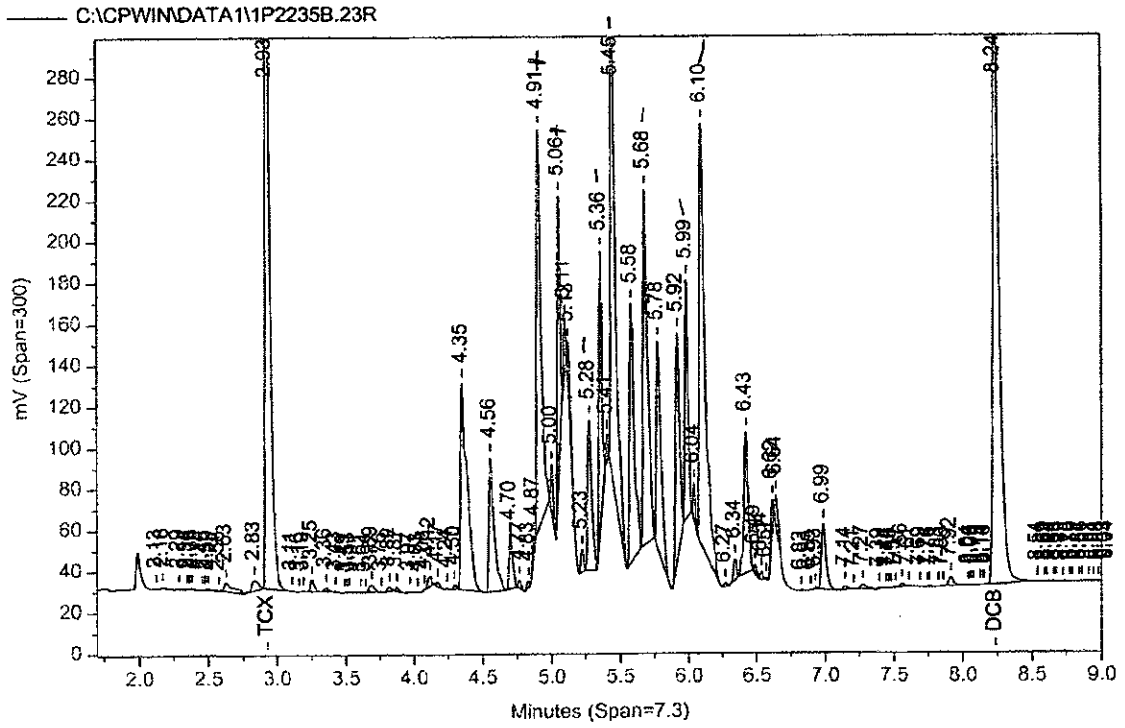
10X REPLOTS

ASX05 0060

C:\CPWIN\DATA1\1P2235.23R



C:\CPWIN\DATA1\1P2235B.23R



ASX05 0061

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

ASX85 0862

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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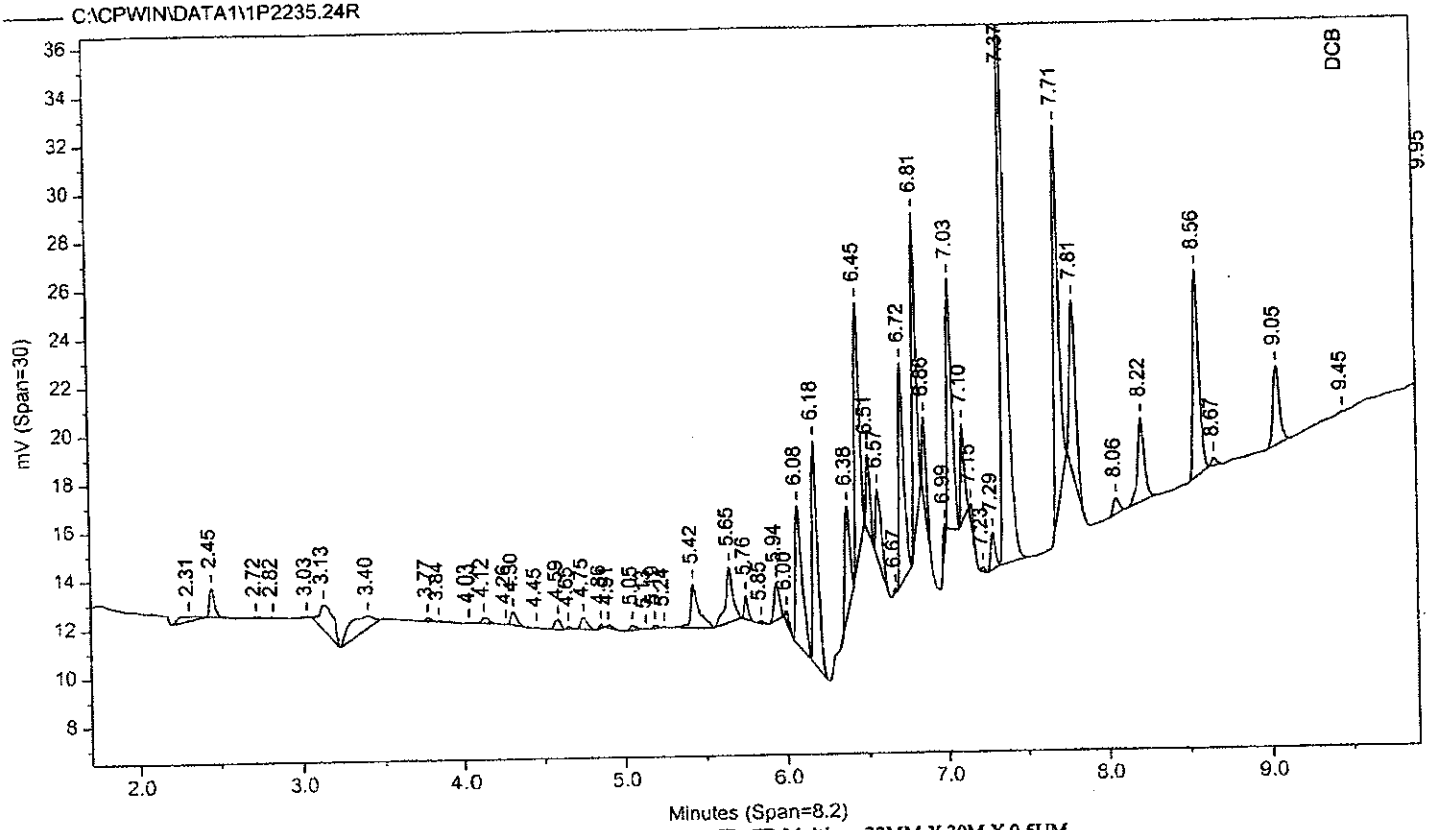
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.727		0.0000	0.000	53.2	0.008	BB	0.027	33.02	0.011
64	7.777		0.0000	0.000	36.9	0.006	BB	0.019	32.82	0.011
65	7.811		0.0000	0.000	26.2	0.004	BB	0.008	54.91	0.018
66	7.844		0.0000	0.000	30.3	0.005	BB	0.019	27.19	0.009
67	7.920		0.0000	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

ASX85 0864

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.24R

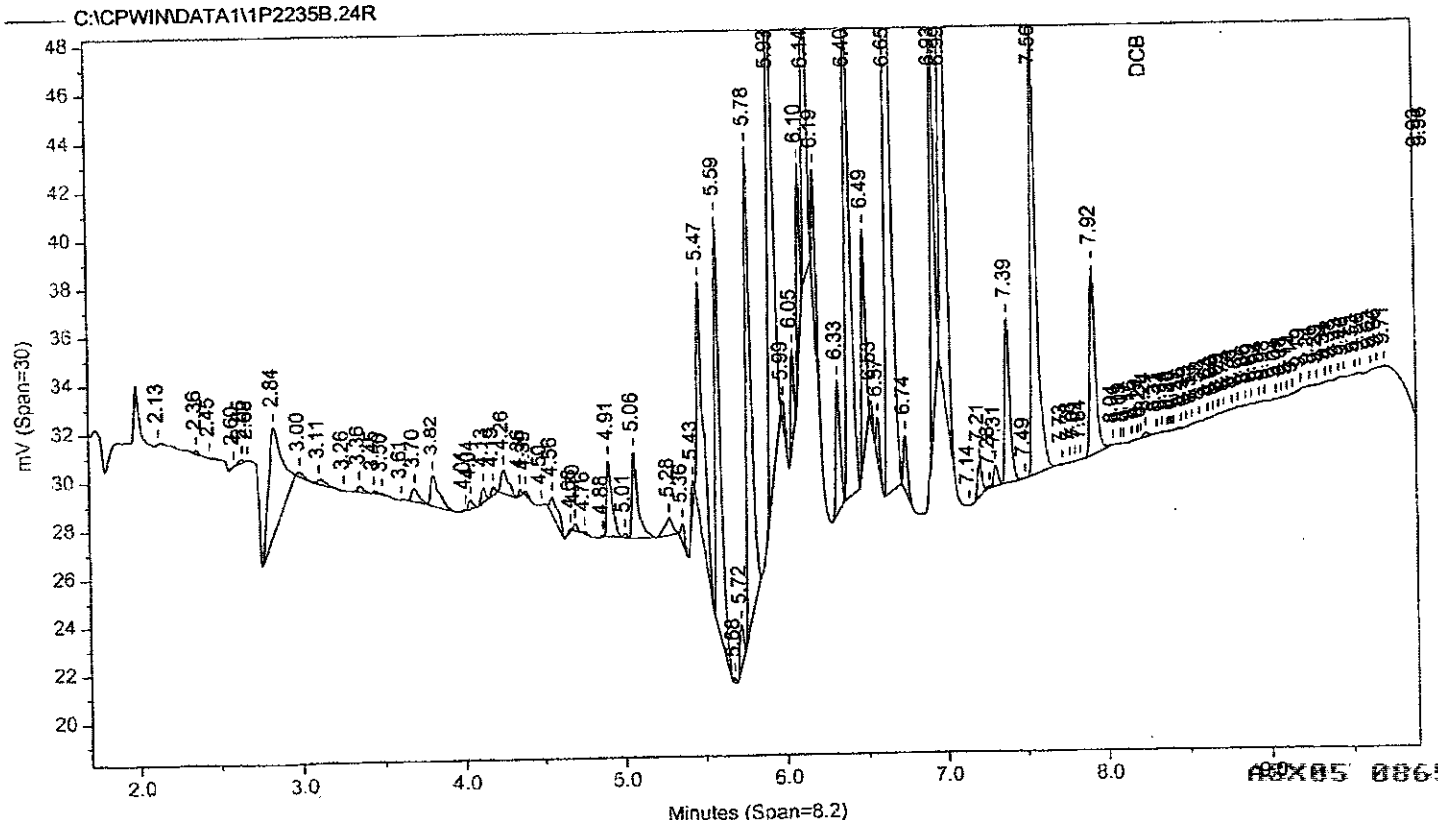
C:\CPWIN\DATA1\1P2235.24R



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

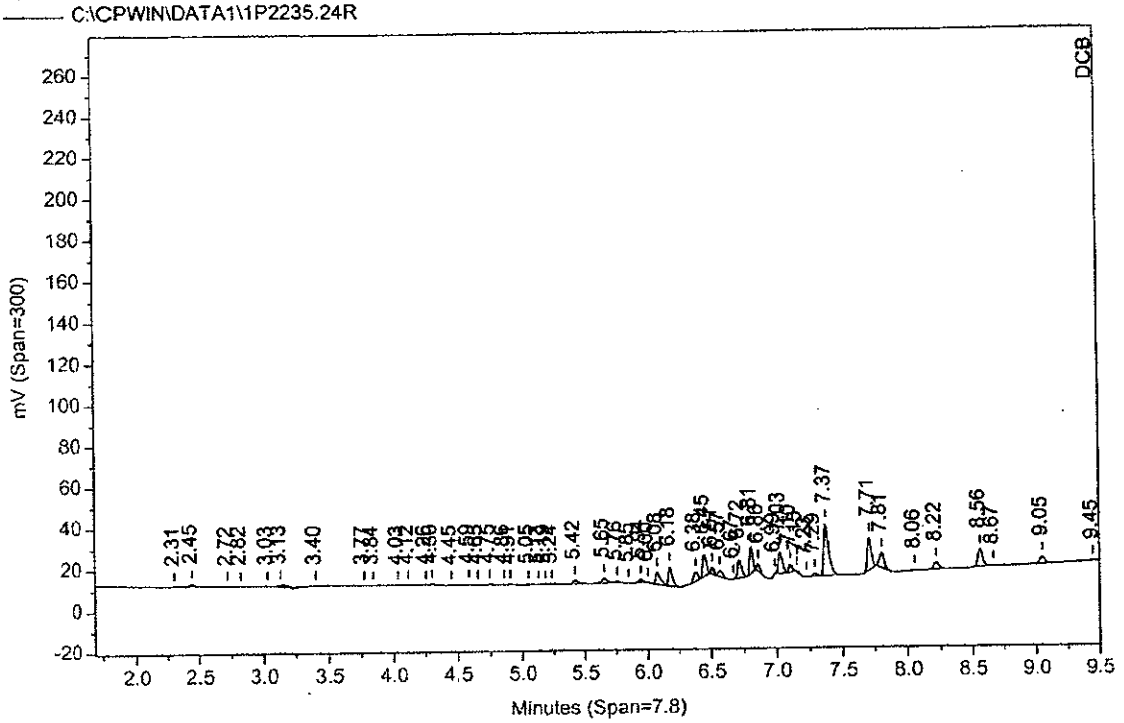
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.449	37	.01609	DCB	8.243	218	.0473	DCB

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

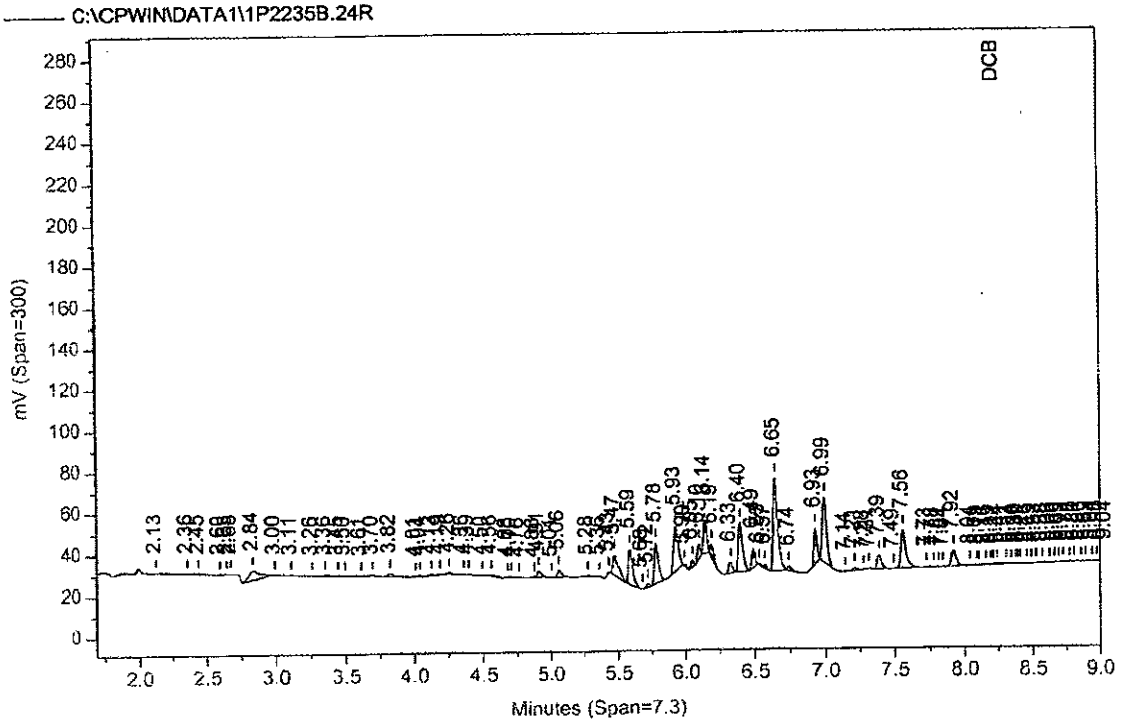
10X REPLOTS

ASX05 0066

C:\CPWIN\DATA1\1P2235.24R



C:\CPWIN\DATA1\1P2235B.24R



ASX05 0067

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

ASX05 0268

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

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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

ASX05 0070

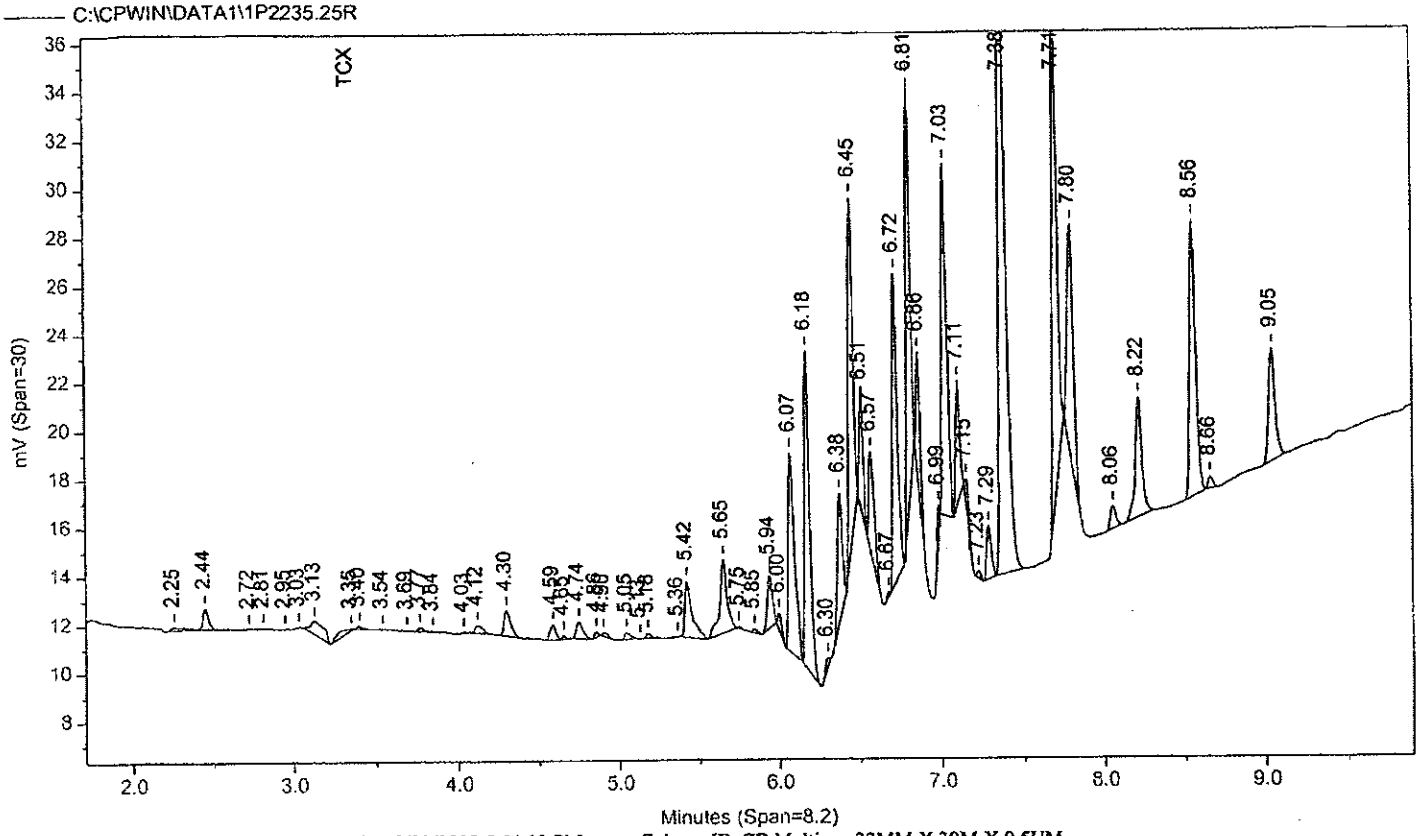
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.614		0.0000	0.000	35.2	0.004	BB	0.009	68.57	0.016
134	9.630		0.0000	0.000	31.6	0.003	BB	0.008	67.07	0.016
135	9.646		0.0000	0.000	41.1	0.004	BB	0.008	87.88	0.021
136	9.680		0.0000	0.000	31.1	0.003	BB	0.008	68.06	0.016
137	9.713		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

ASX85 0871

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.25R

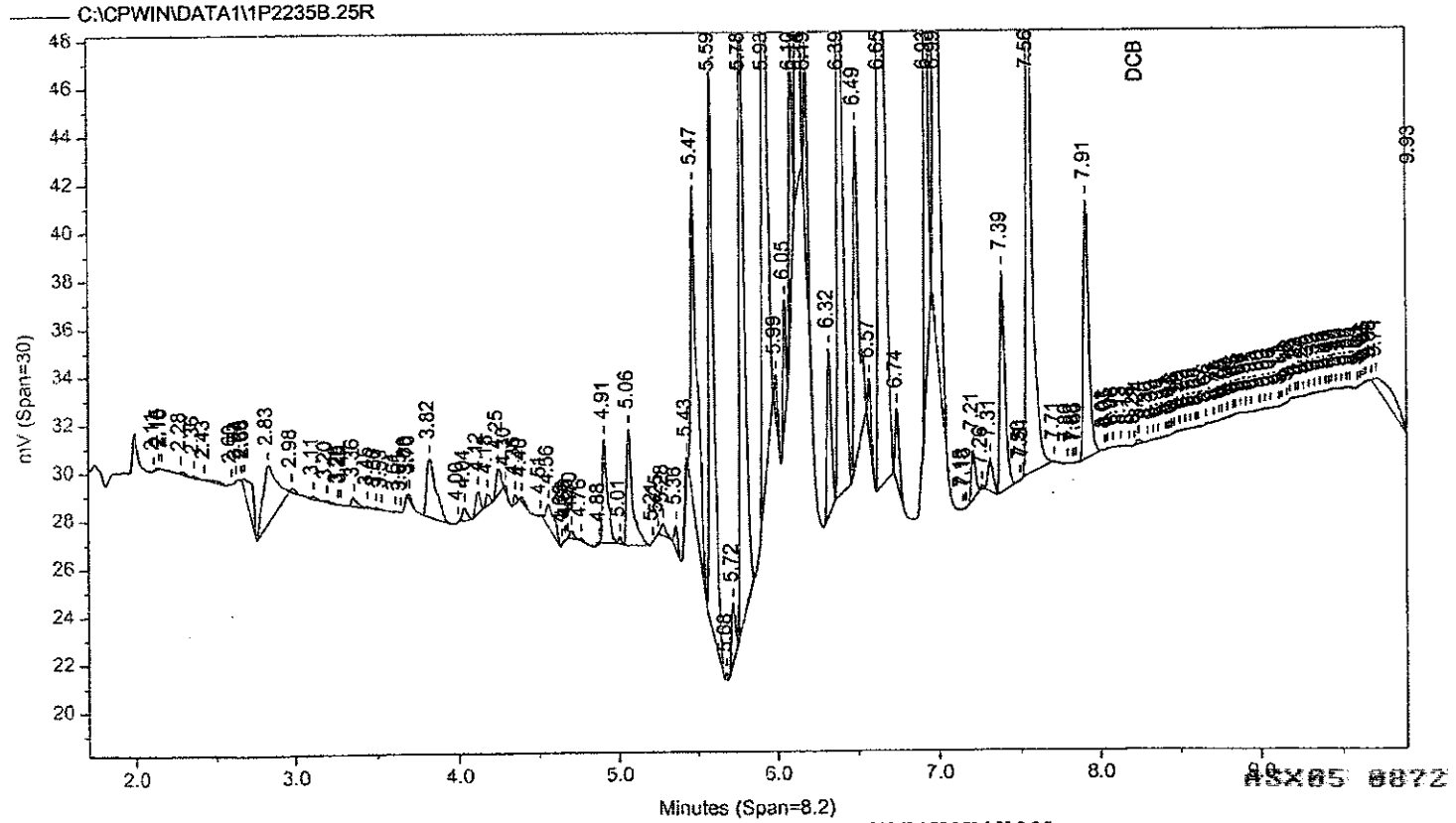
C:\CPWIN\DATA1\1P2235.25R



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

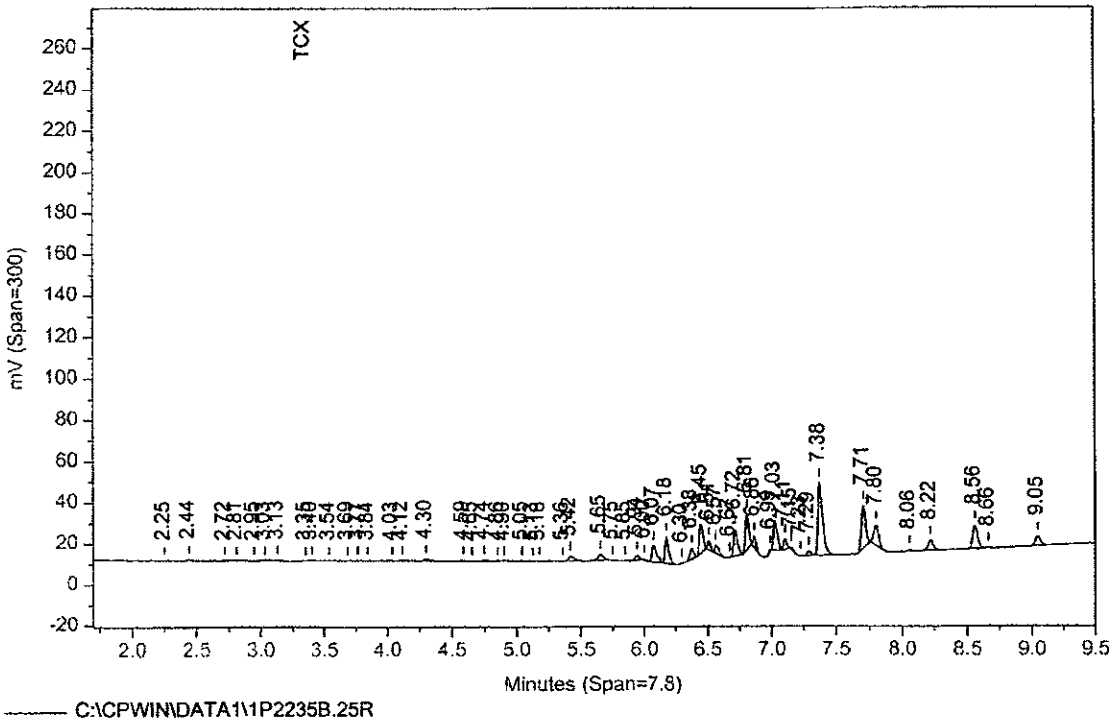
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	69	.0217	TCX	.	0	.	TCX
.	0	.	DCB	8.24	192	.04169	DCB

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

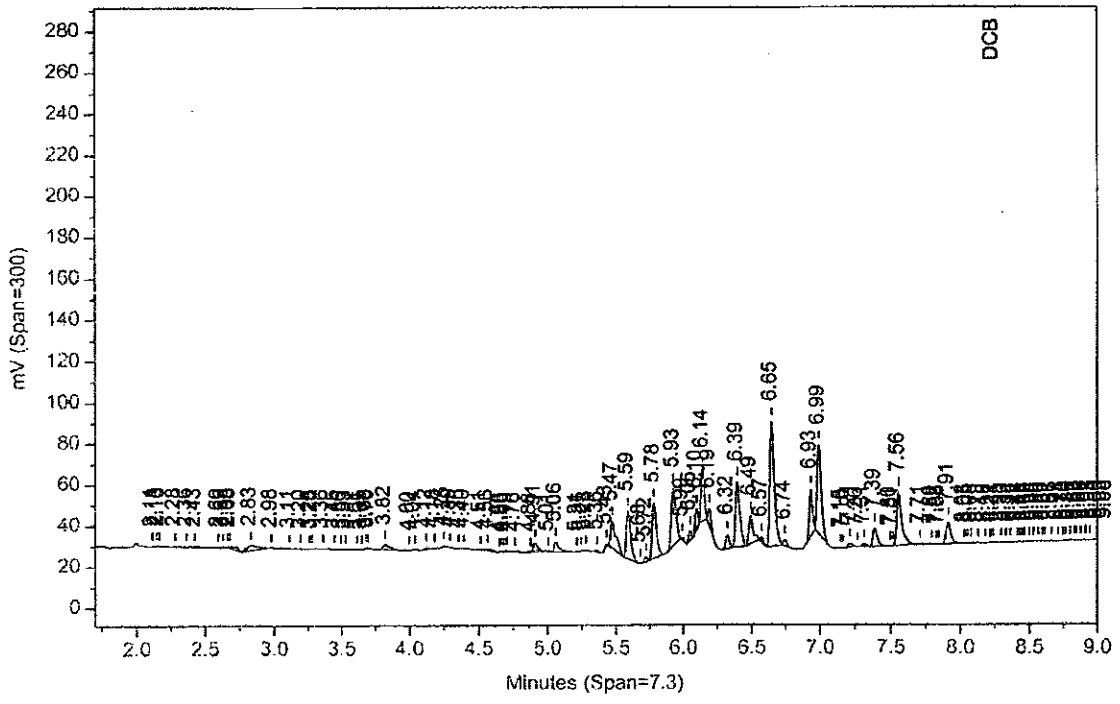
10X REPLOTS

ASX05 0073

C:\CPWIN\DATA1\1P2235.25R



C:\CPWIN\DATA1\1P2235B.25R



ASX85 0874

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

ASX05 0876

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

ASX05 0877

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

ASX05 10878

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

ASX05 0879

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

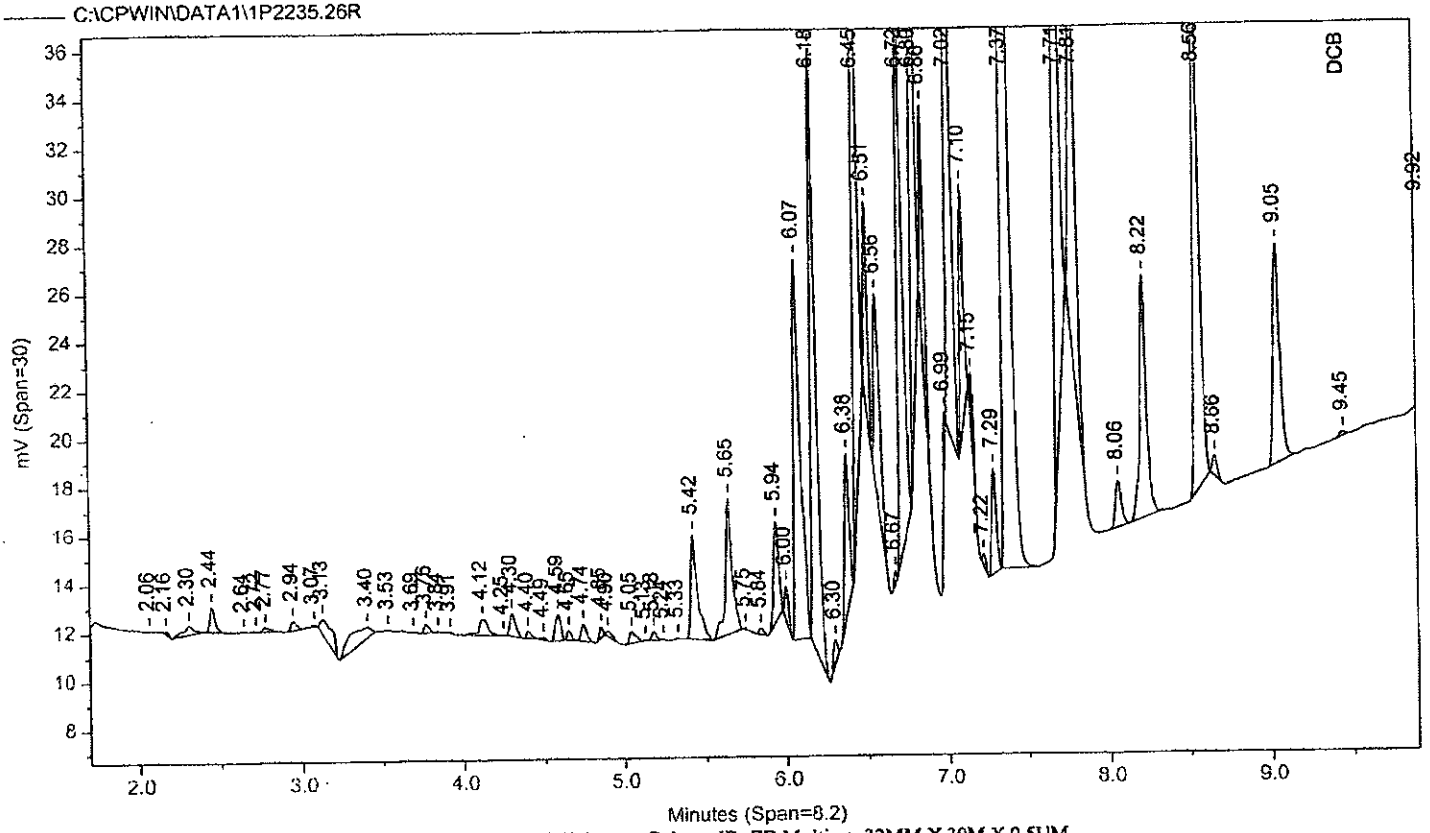
Total Area = 1605483.0, Total Amount = 0.158, Total Height = 754518.9, Sample Units = ug/l

ASX85 0000

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\1P2235.26R

C:\CPWIN\DATA1\1P2235.26R



Instrument ID: CP02--H2601A Injected On: 8/23/2008 6:08:39 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\1P2235B.26R

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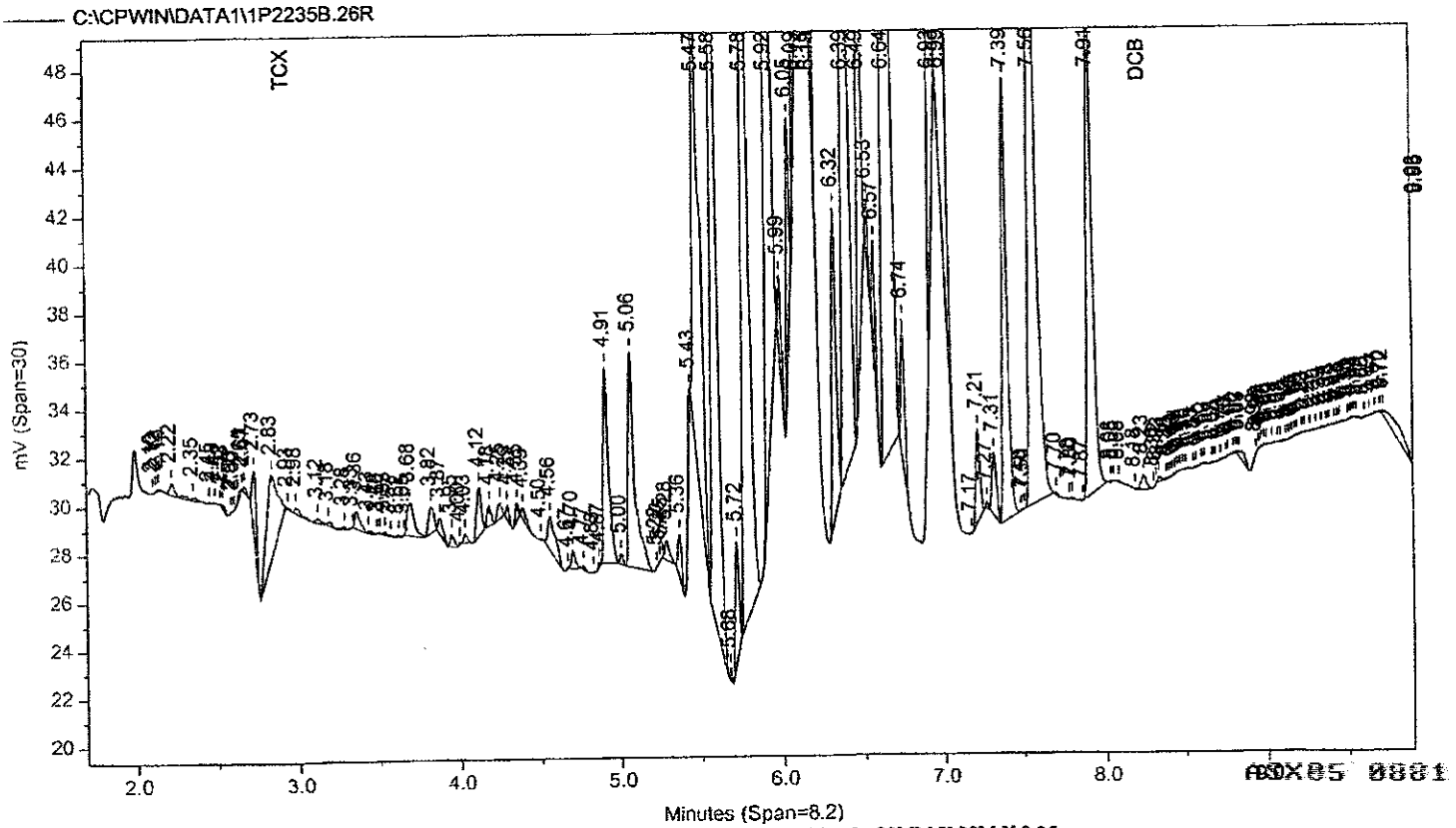

Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:08:39 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

ASX85 0882

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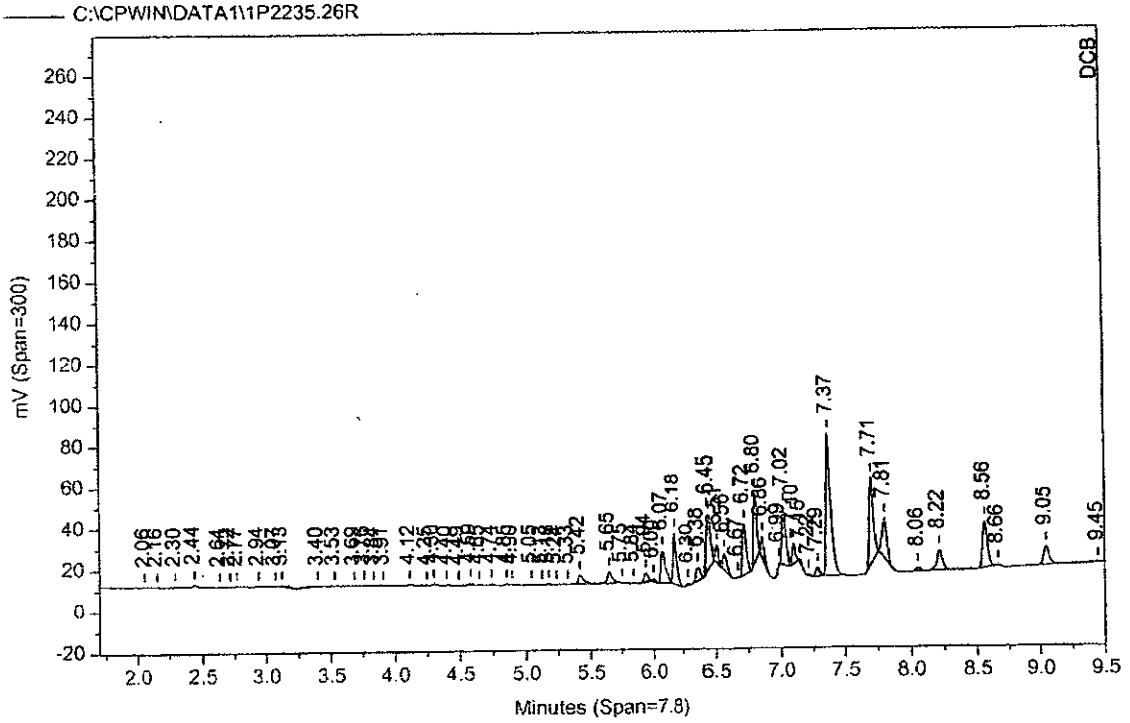

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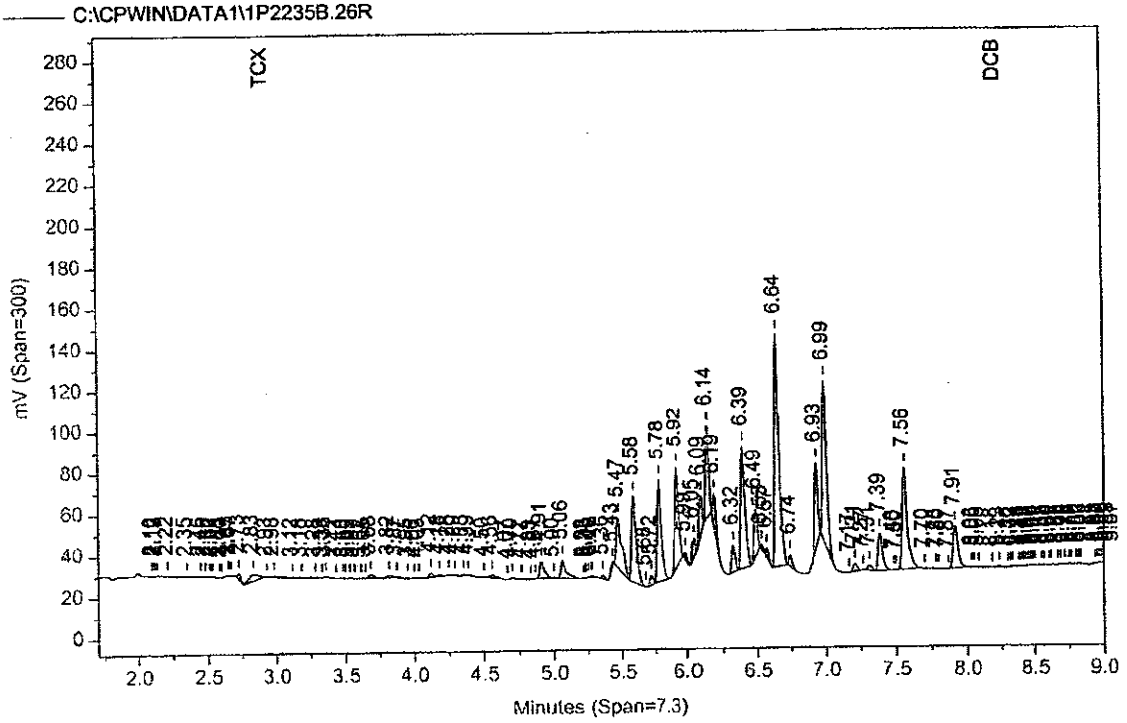


ASXB5 0883

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

0SX85 0004

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

ASX05 0885

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

ASX05 0086

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

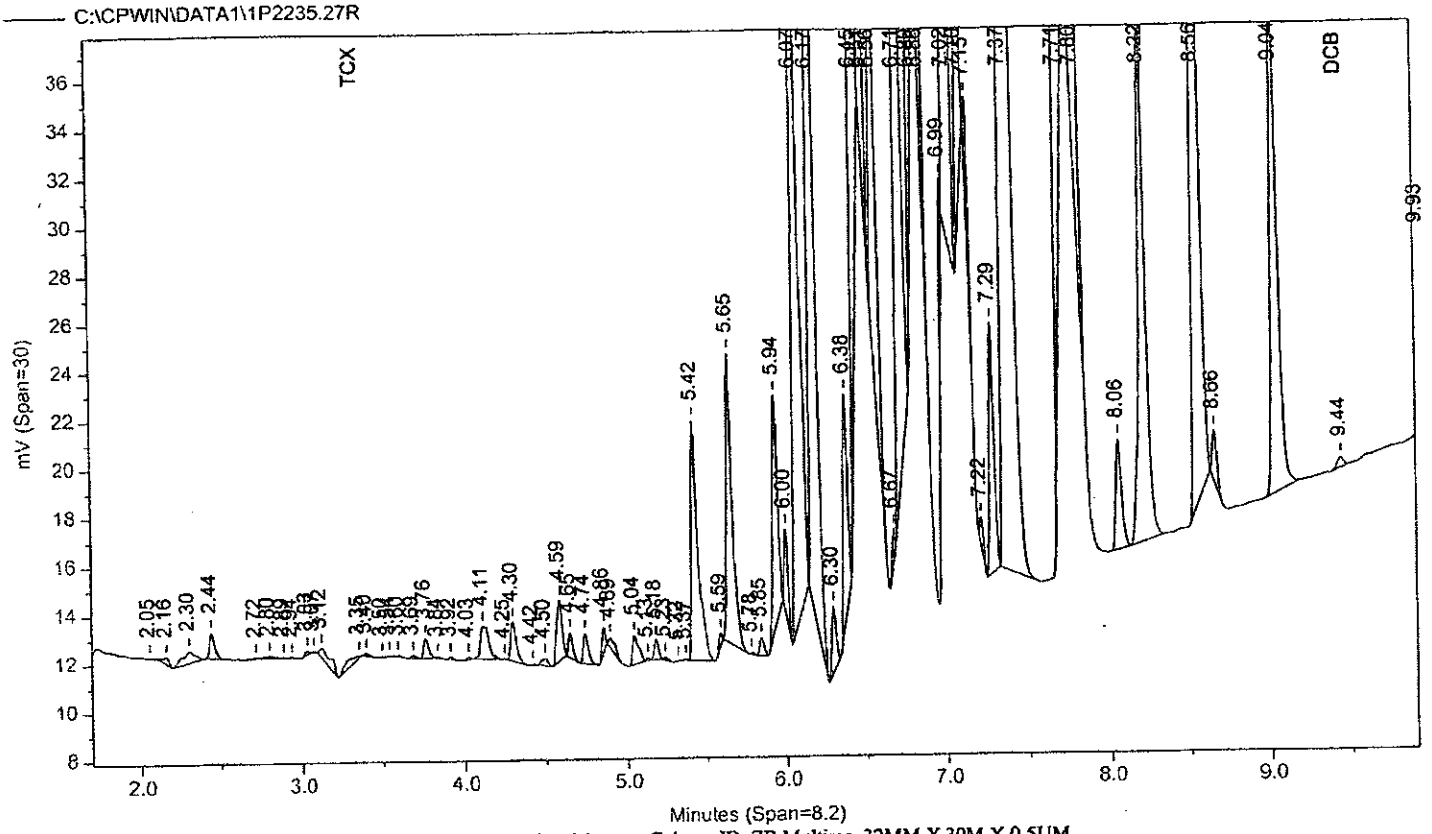
Total Area = 3473162.0, Total Amount = 0.262, Total Height = 1583376.0, Sample Units = ug/l

ASX05 0007

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

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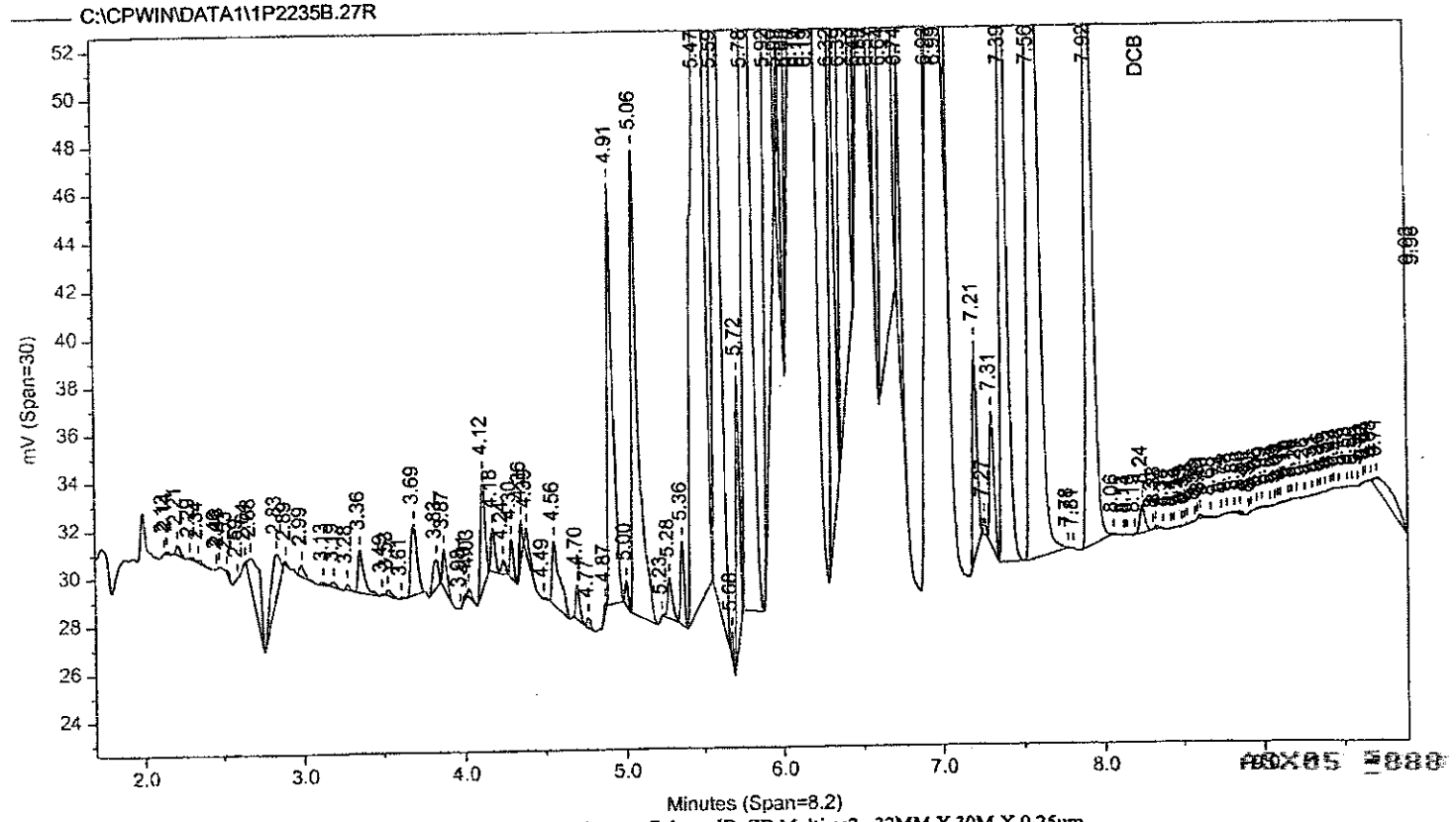

Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:23:04 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

ASX05 0889

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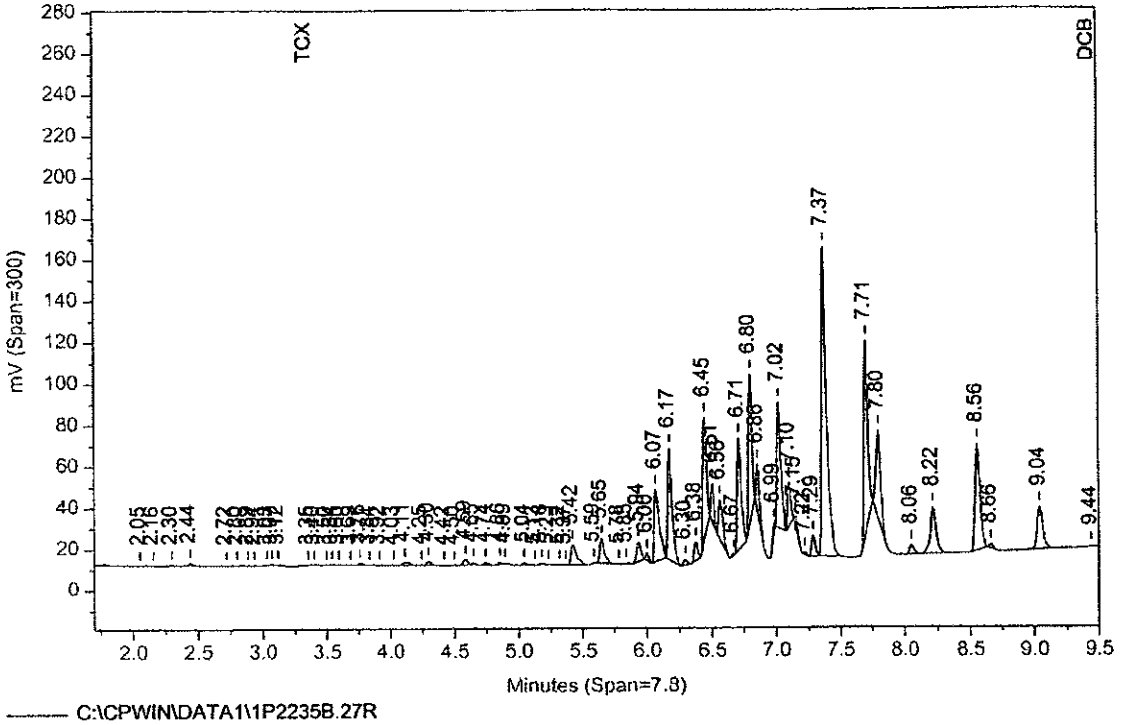

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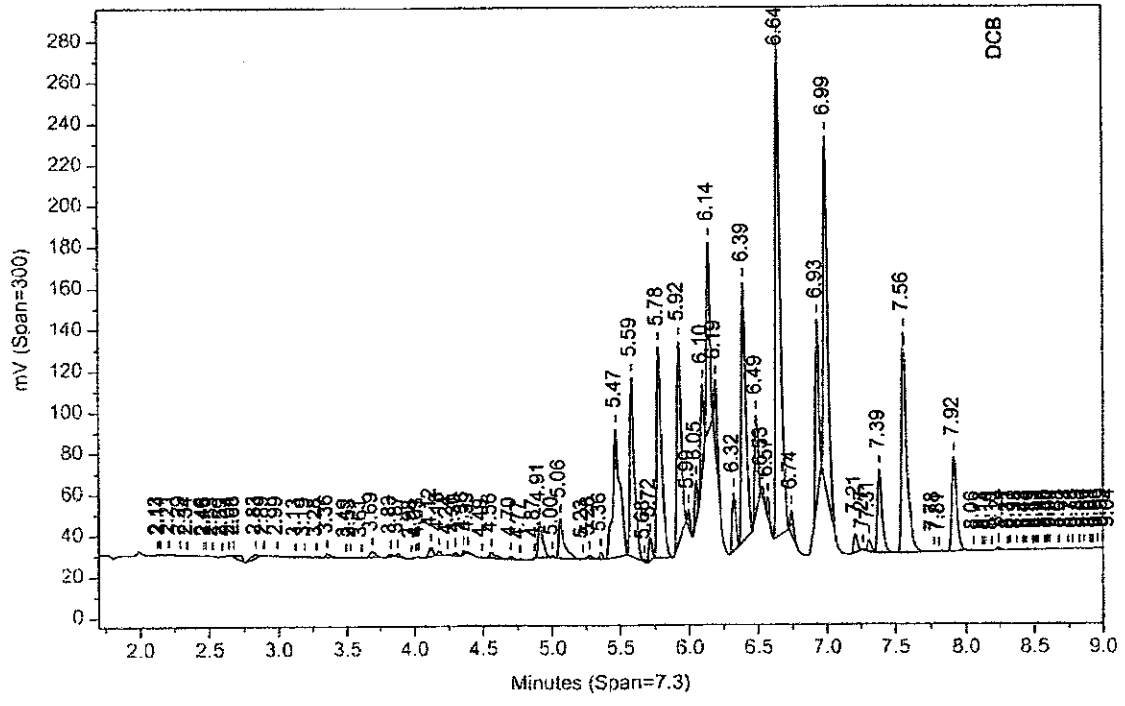


Sample Name: **AR6250824A AAAR625AA ICAL 0823499999**
Acquired from CP02--H2601A via port 1 on 8/23/08 06:47:31pm by 2280
ZB Multires .32MM X 30M X 0.5UM
140 TO 250 @25C/MIN TO 300 @20 hold 3 min
Data File: **C:\CPWIN\DATA1\1P2235.28R**
Method File: C:\CPWIN\DATA1\PESTD.MET
Calibration File: C:\CPWIN\DATA1\1P2235.CAL

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

6SX05 0091

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

ASX05 0892

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

4SX85 8893

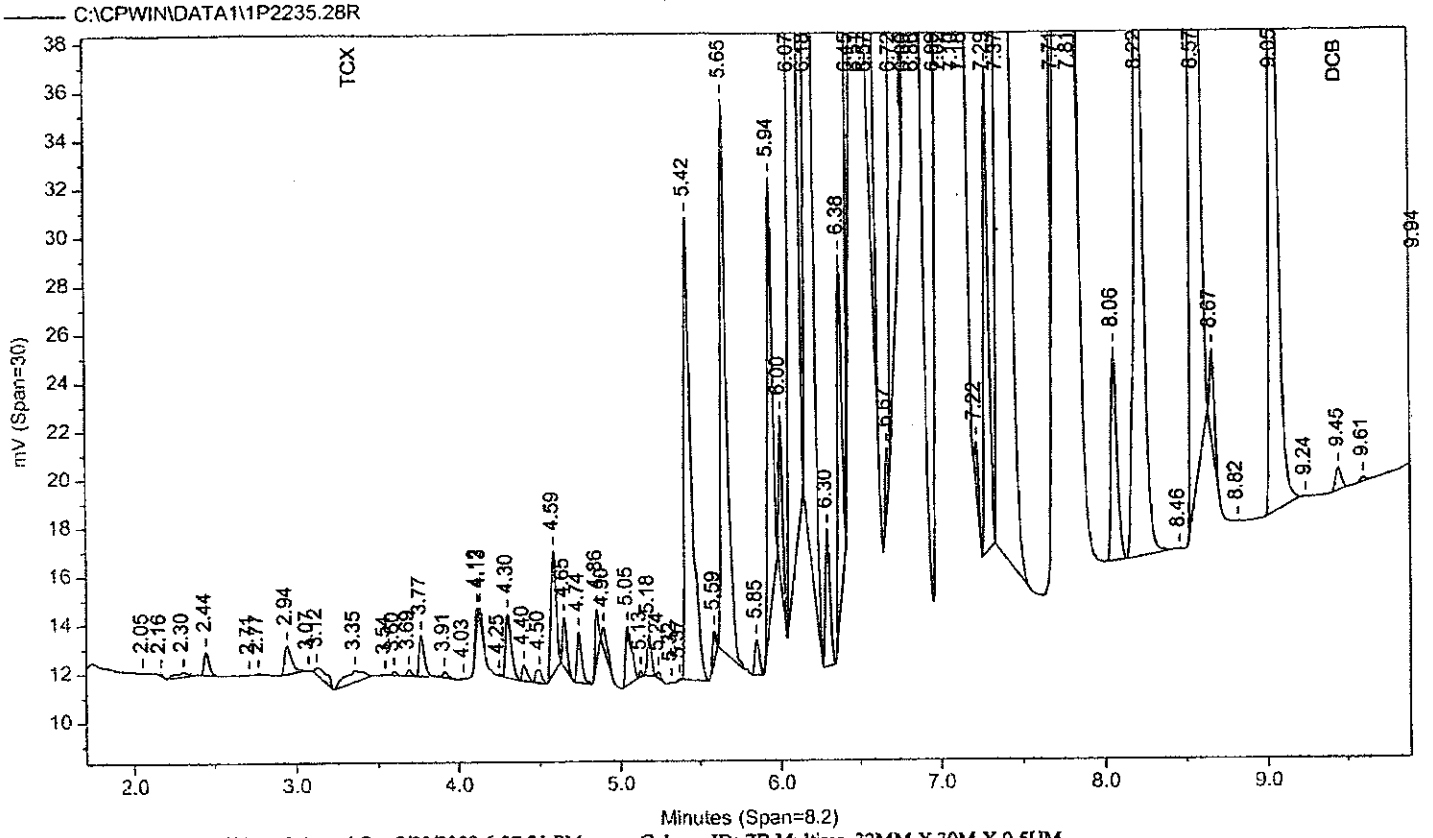
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.531		0.0000	0.000	10550.9	0.169	BB	0.016	10912.12	0.380
64	6.569		0.0000	0.000	23047.3	0.369	BB	0.021	18609.15	0.648
65	6.643		0.0000	0.000	1056223.0	16.911	BB	0.039	450913.80	15.702
66	6.741		0.0000	0.000	33631.9	0.538	BB	0.026	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

ASX85 0894

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

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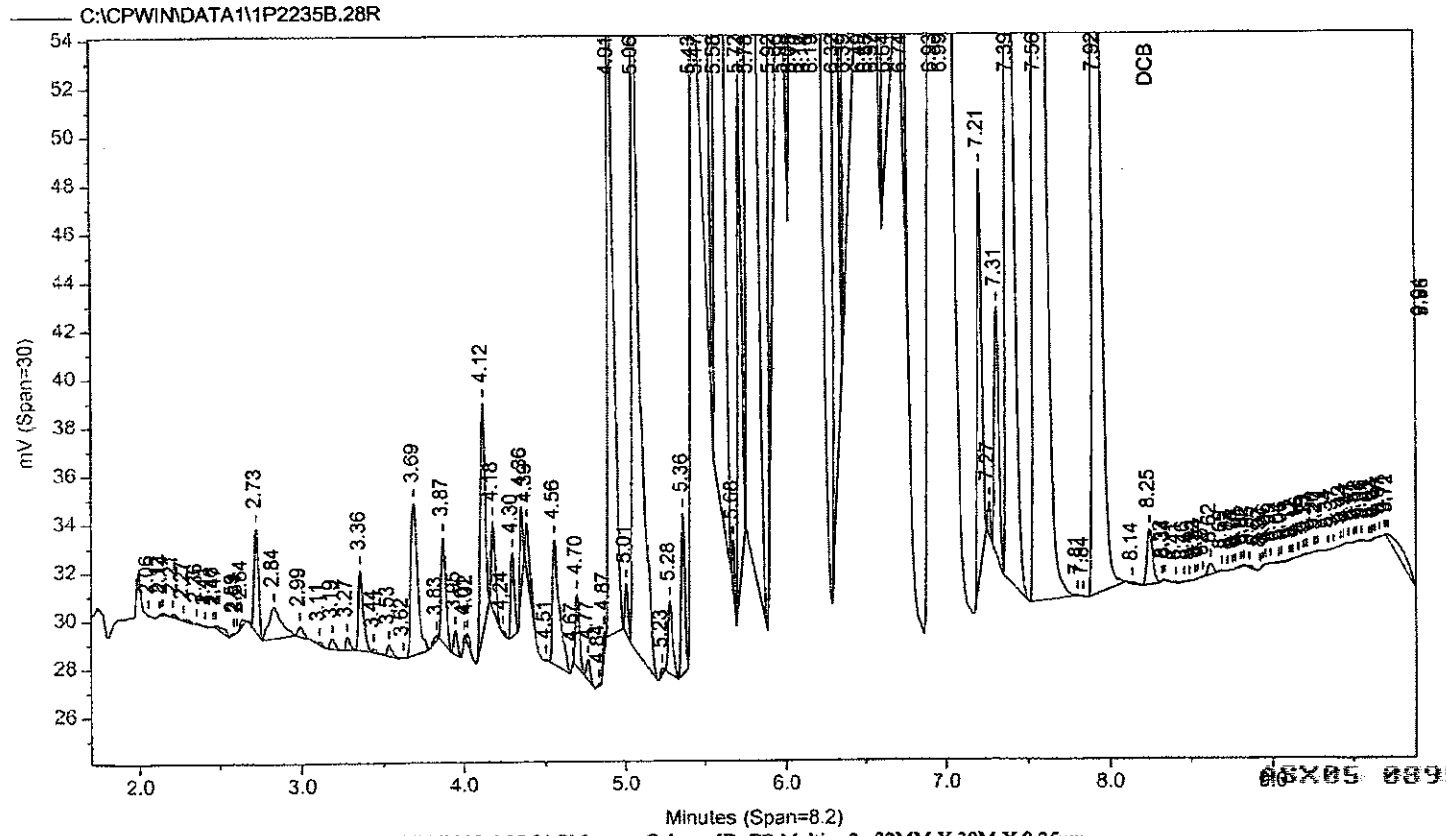


Instrument ID: CP02--H2601B Injected On: 8/23/2008 6:37:31 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

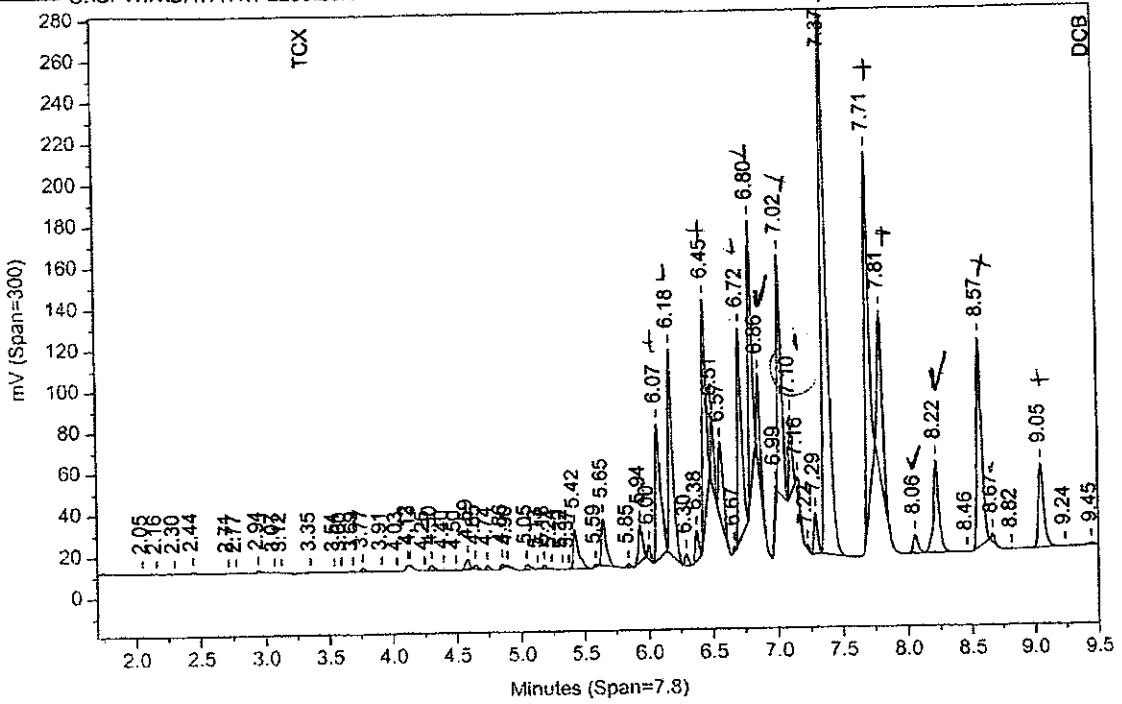
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	483	.15134	TCX	.	0	.	TCX
9.446	930	.40688	DCB	8.246	2316	.50356	DCB

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

ASX85 8896

C:\CPWIN\DATA1\1P2235.28R



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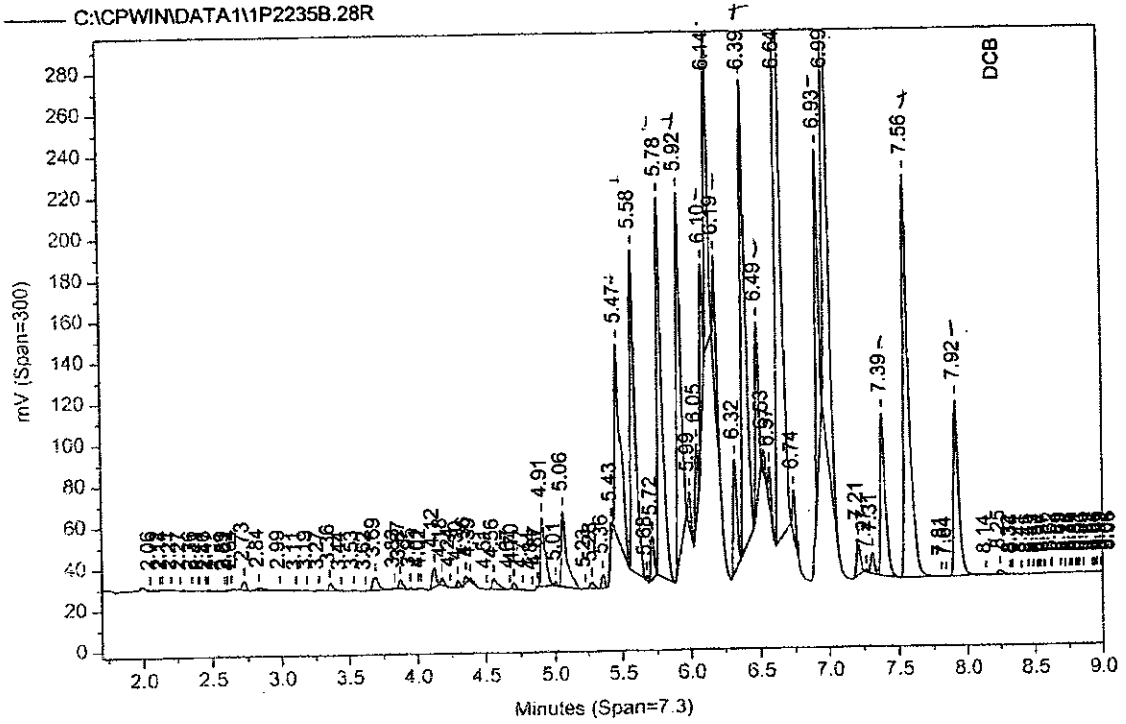


ASX95 8897

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

ASX85 8898

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

ASX05 0899

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

ASX05 0900

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

ASX05 0901

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

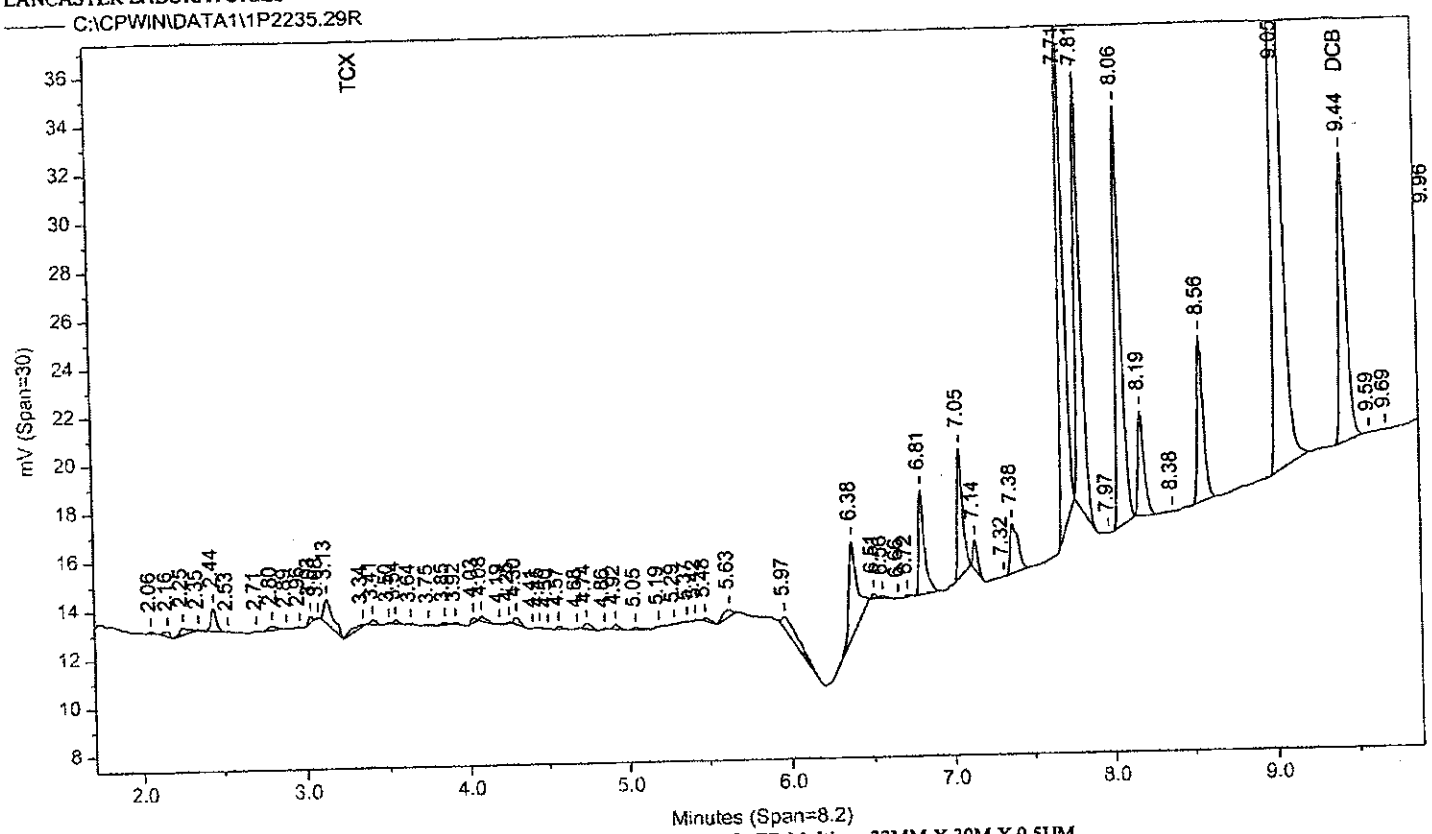
Total Area = 806447.1, Total Amount = 5.926, Total Height = 321014.7, Sample Units = ug/l

ASX05 0902

AR6810824A AAAR681AA ICAL 0823499999

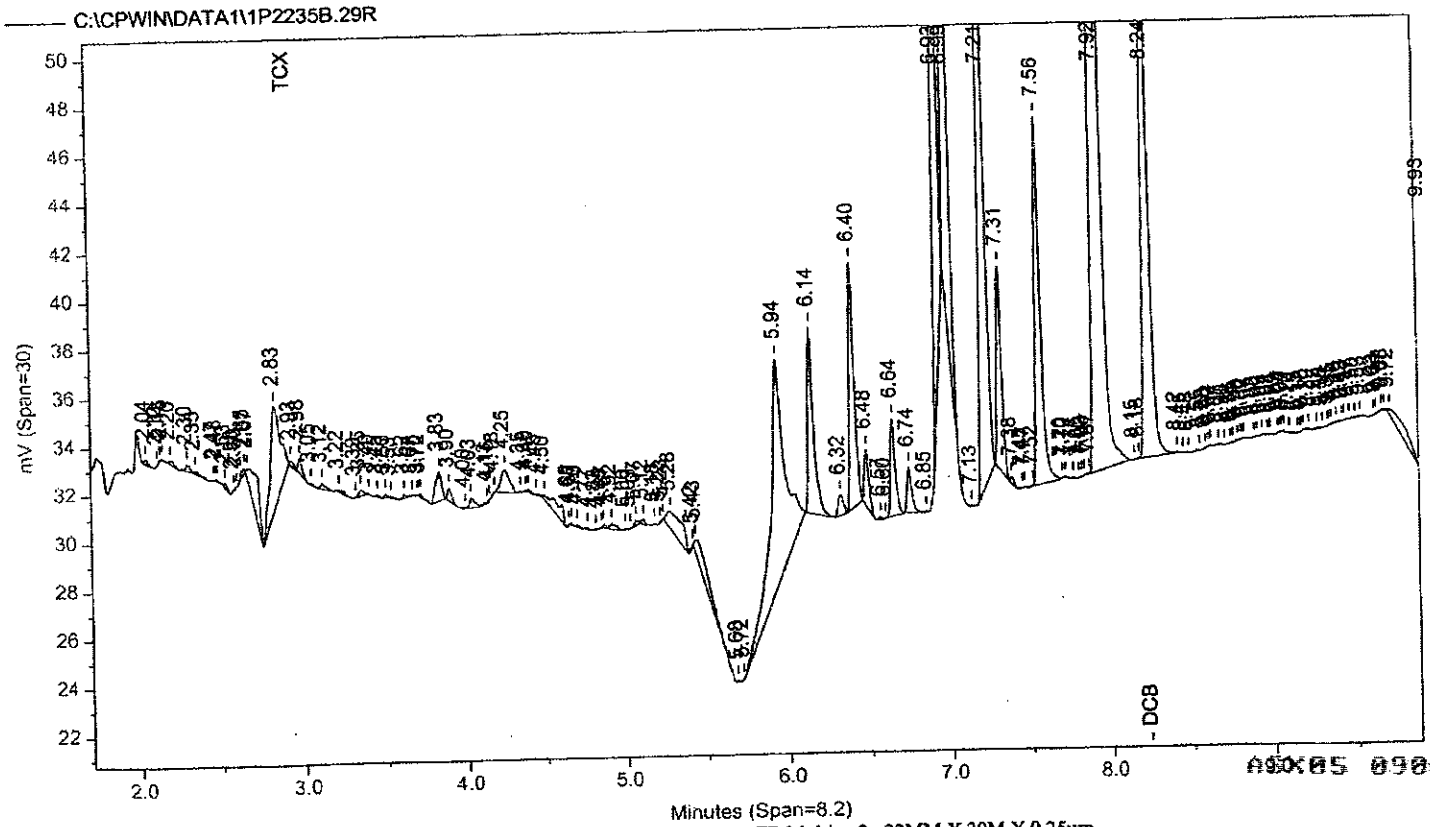
LANCASTER LABORATORIES

File: 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



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

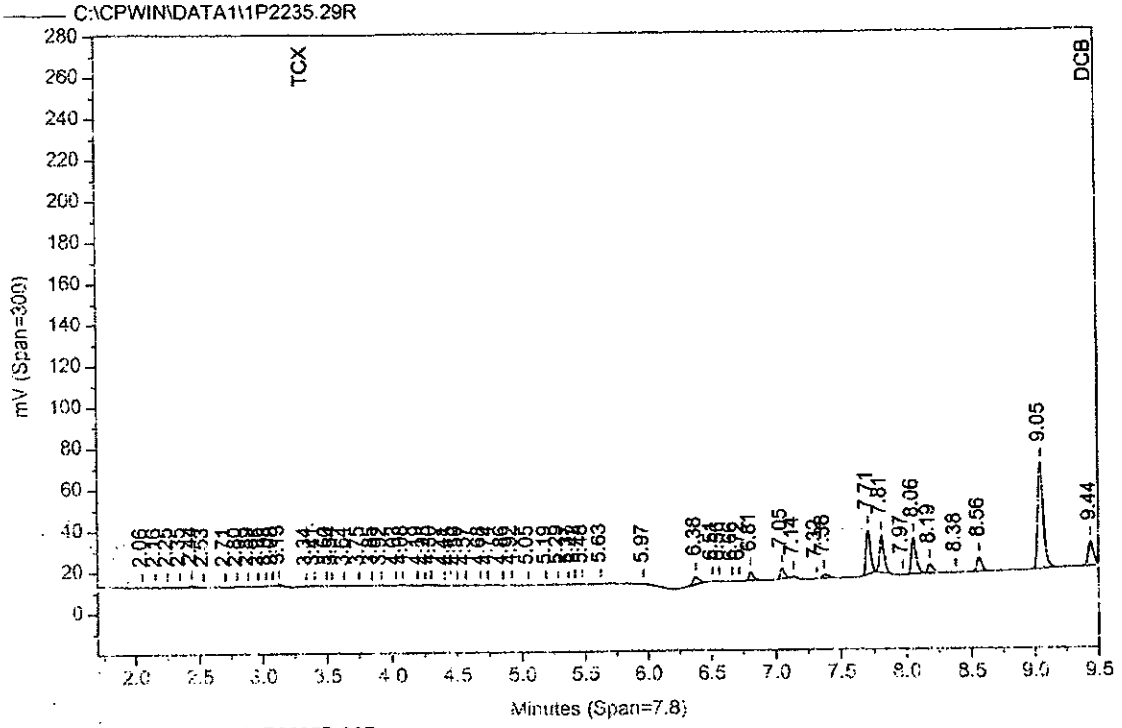
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.343	73	.02293	TCX	2.933	242	.04545	TCX
9.44	11905	5.20708	DCB	8.239	27045	5.8802	DCB

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

ASX05 0904

C:\CPWIN\DATA1\1P2235.29R



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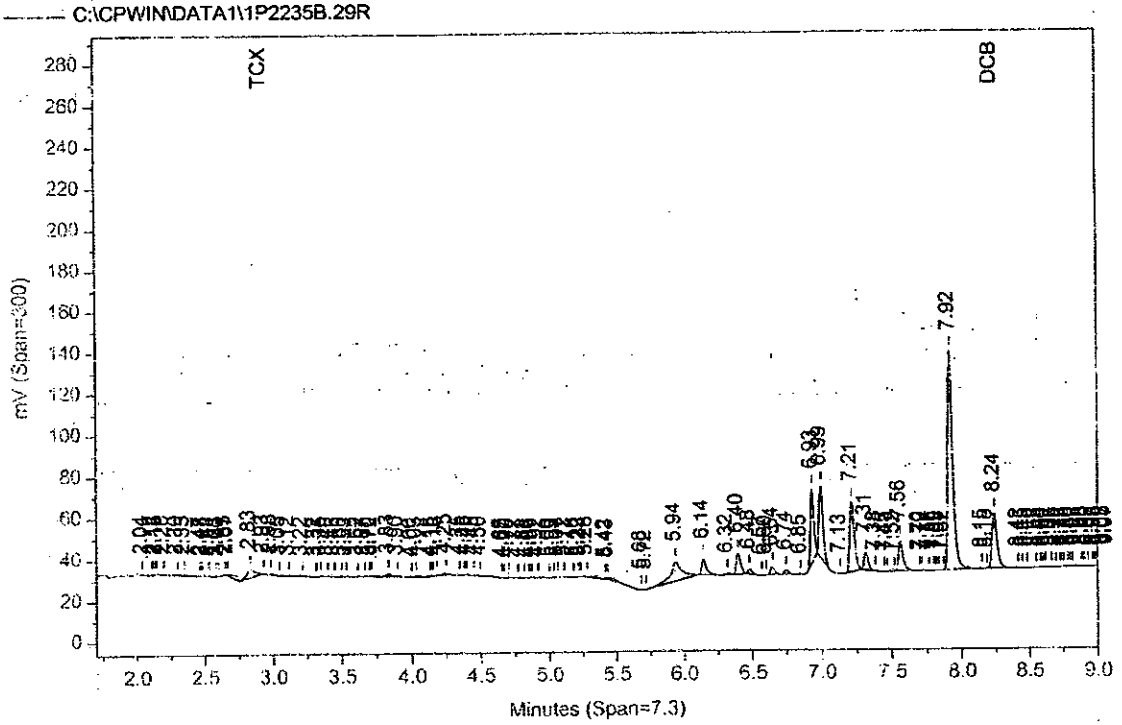


ASX85 0905

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

ASX05 0006

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

ASX05 0907

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

ASX05 0908

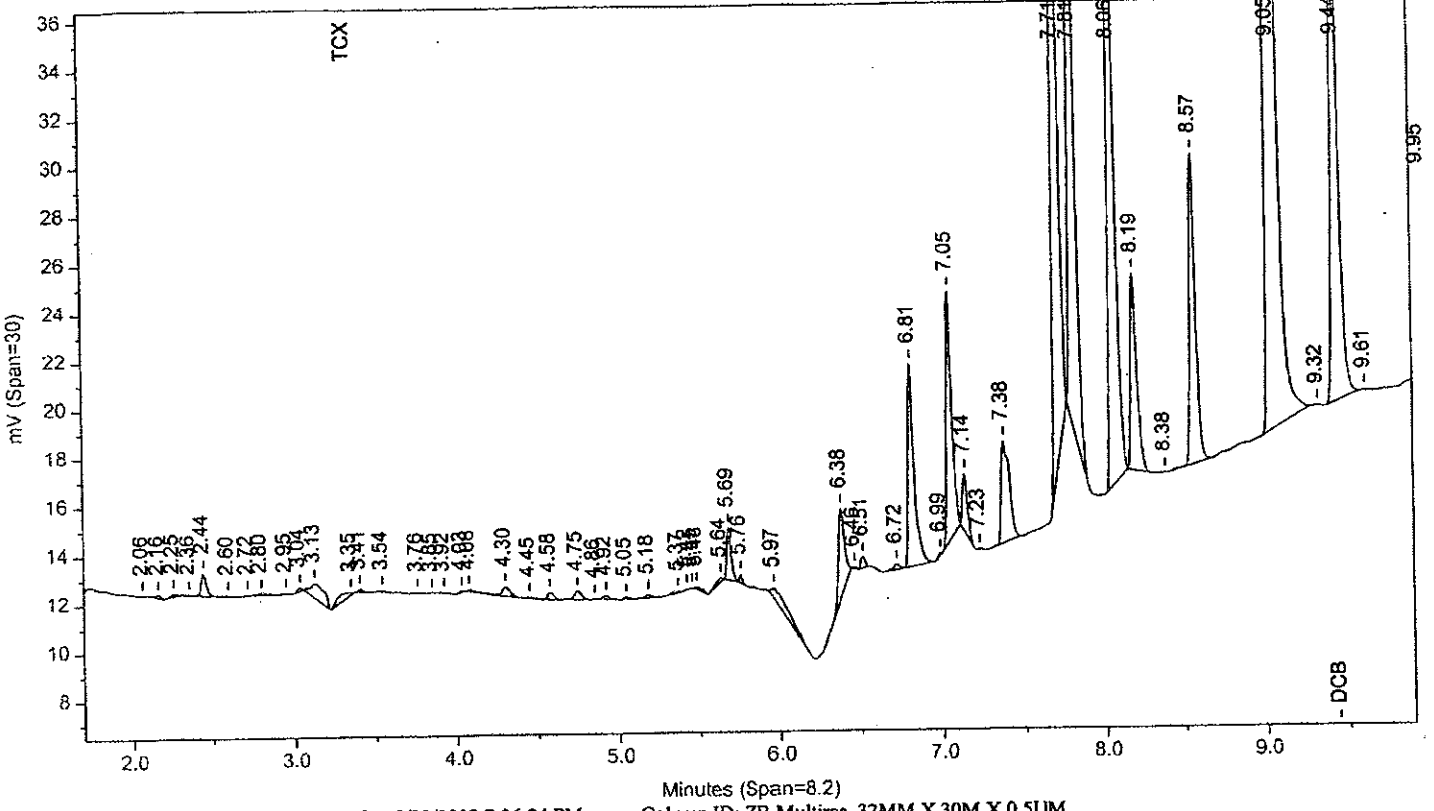
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.617		0.0000	0.000	27.1	0.002	BB	0.007	62.05	0.011
134	9.633		0.0000	0.000	34.6	0.003	BB	0.007	78.62	0.014
135	9.650		0.0000	0.000	28.5	0.002	BB	0.006	75.34	0.014
136	9.683		0.0000	0.000	27.1	0.002	BB	0.006	70.63	0.013
137	9.716		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

ASX05 5909

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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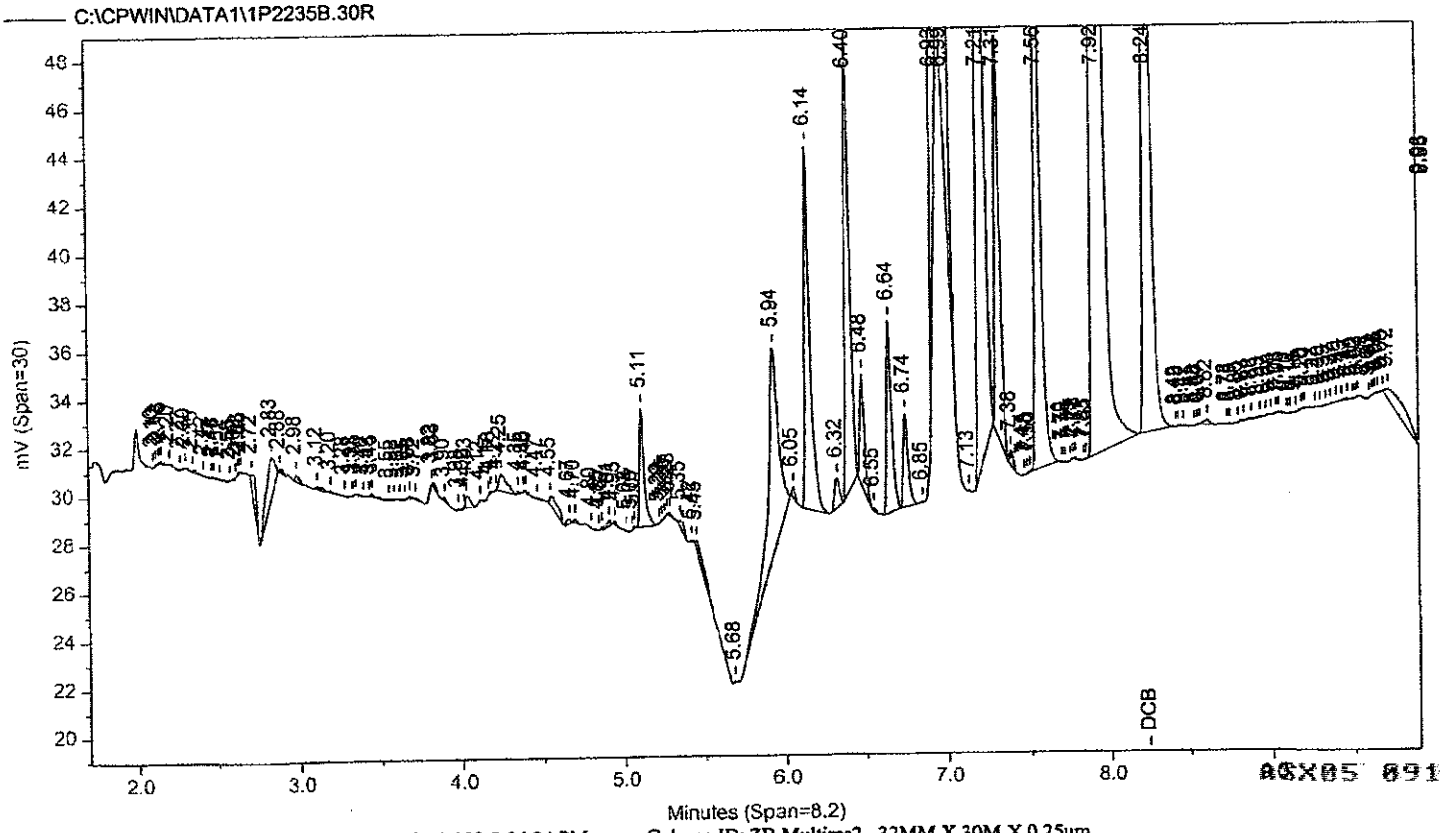


Instrument ID: CP02--H2601B Injected On: 8/23/2008 7:06:24 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

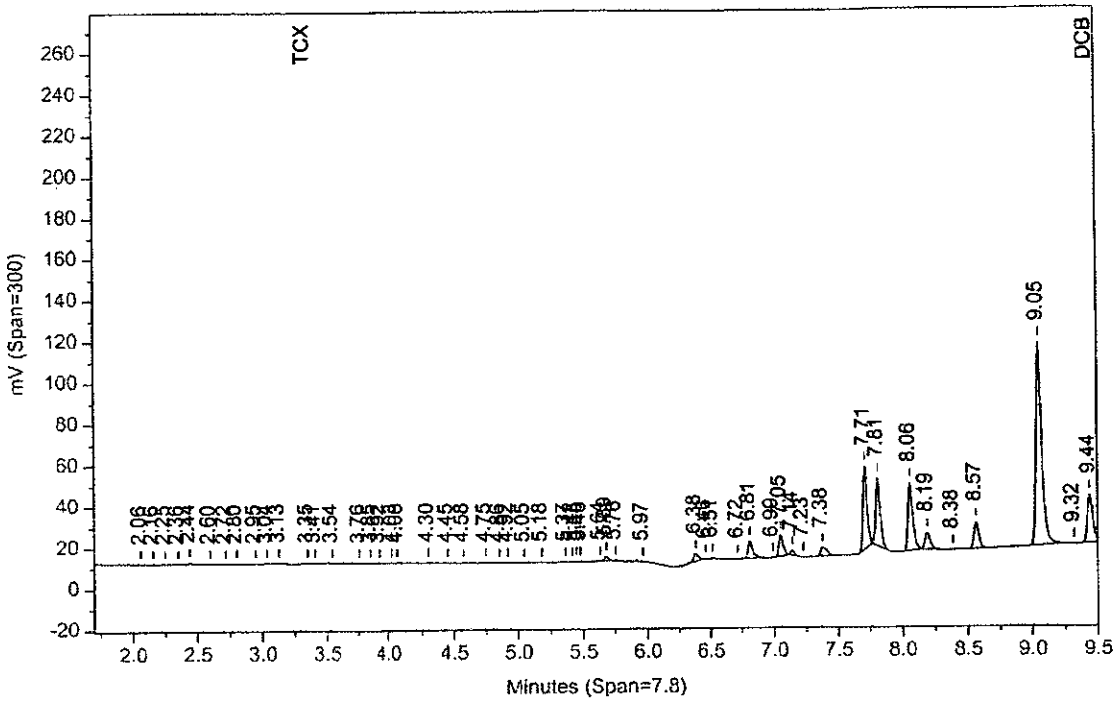
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	99	.03109	TCX	.	0	.	TCX
9.441	23371	10.22236	DCB	8.241	49254	10.70897	DCB

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

ASX05 0911

C:\CPWIN\DATA1\1P2235.30R



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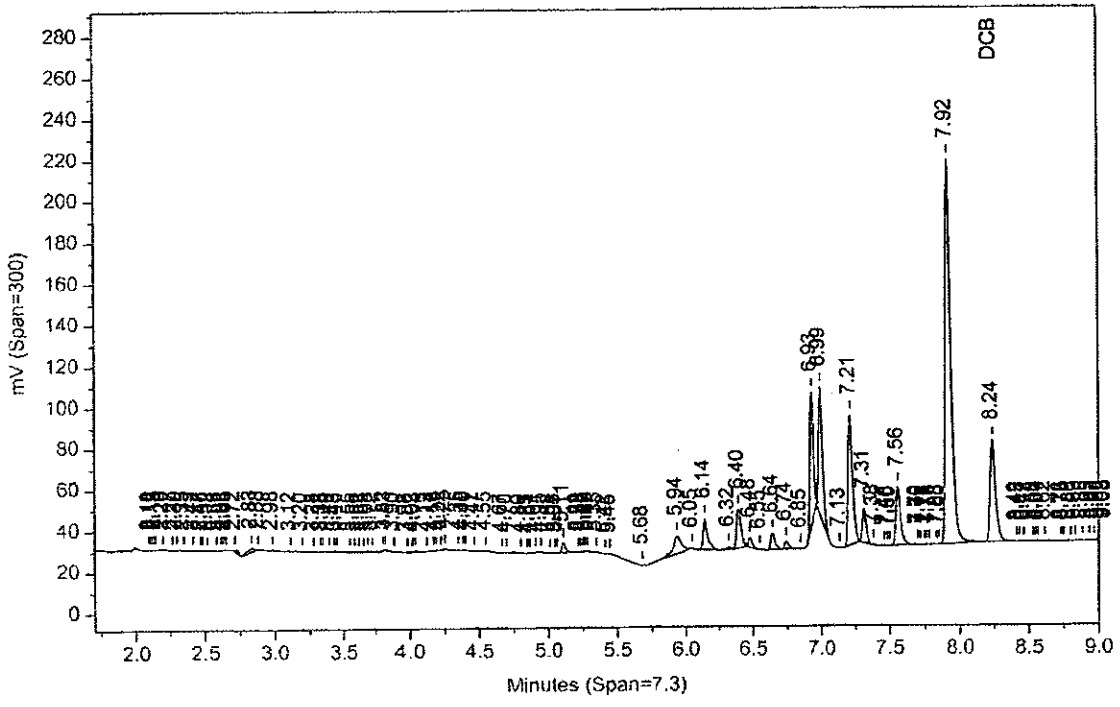


ASX05 0912

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

ASX85 0913

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

ASX85 0914

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

ASX85 0915

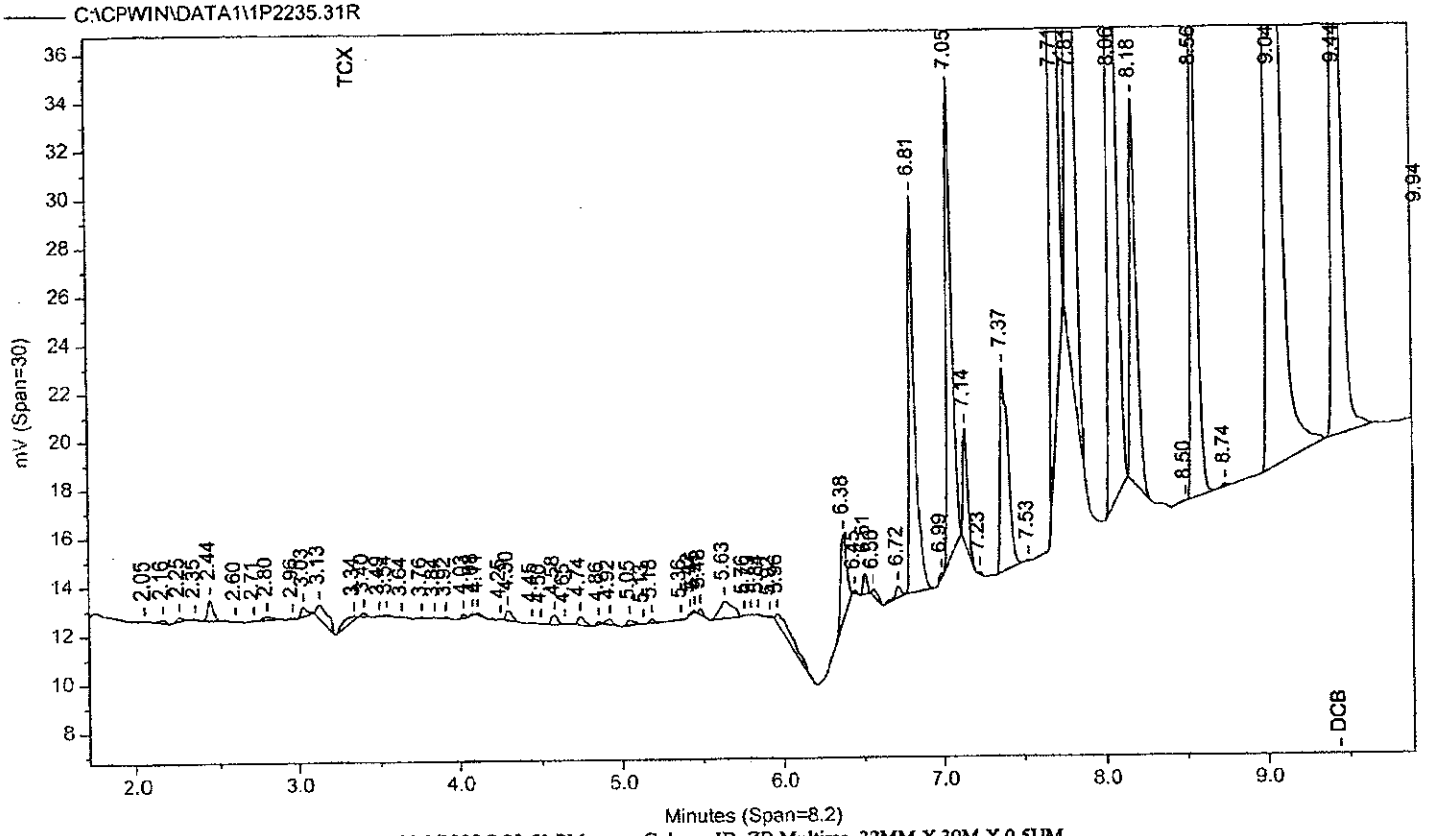
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.321		0.0000	0.000	3428.9	0.138	BB	0.033	1747.96	0.175
64	6.394		0.0000	0.000	79382.8	3.186	BB	0.037	35858.27	3.585
65	6.479		0.0000	0.000	16804.0	0.674	BB	0.032	8708.26	0.871
66	6.644		0.0000	0.000	33199.5	1.332	BB	0.036	15546.89	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

ASX05 0916

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.31R

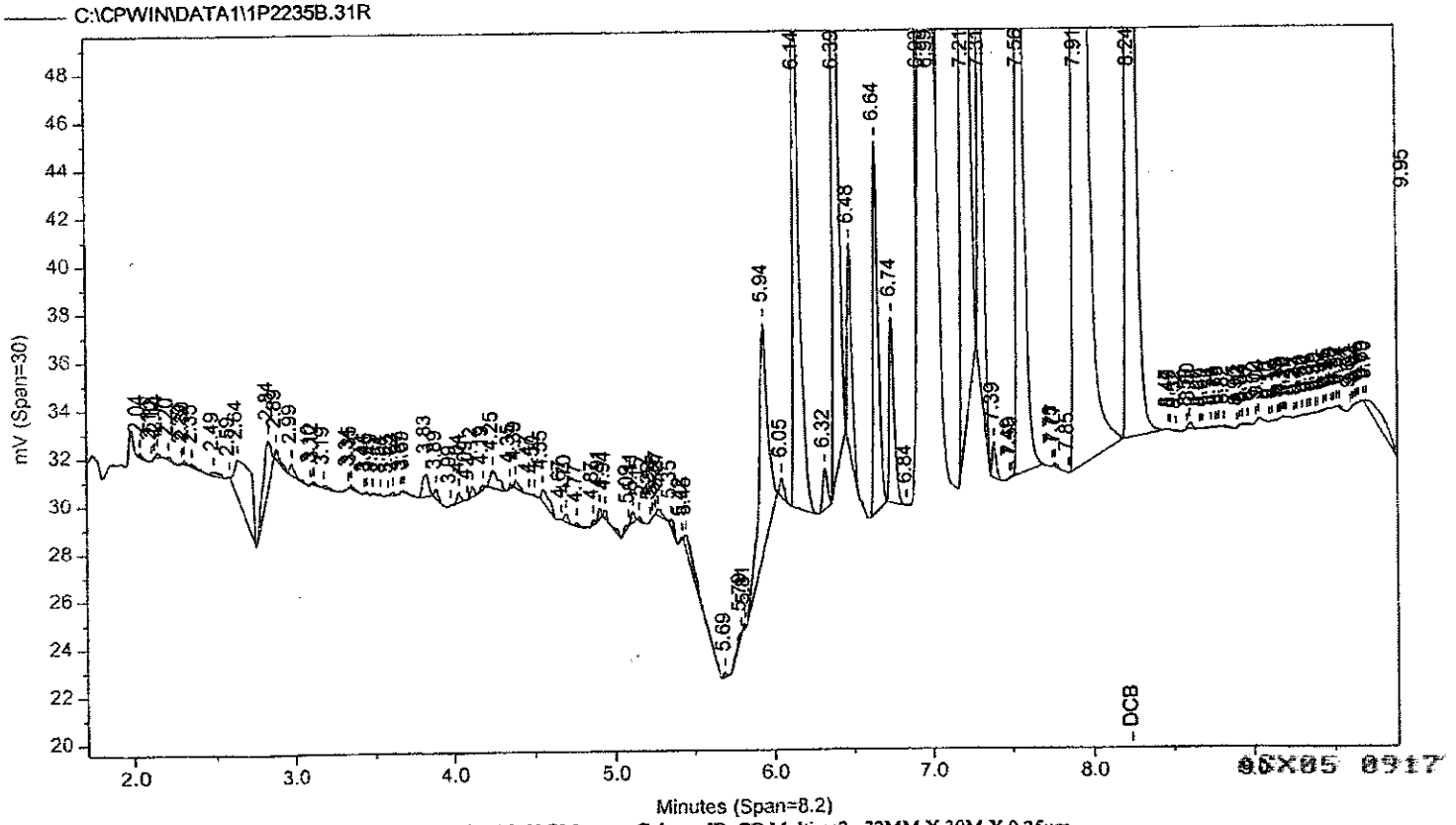
C:\CPWIN\DATA1\1P2235.31R



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

C:\CPWIN\DATA1\1P2235B.31R



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

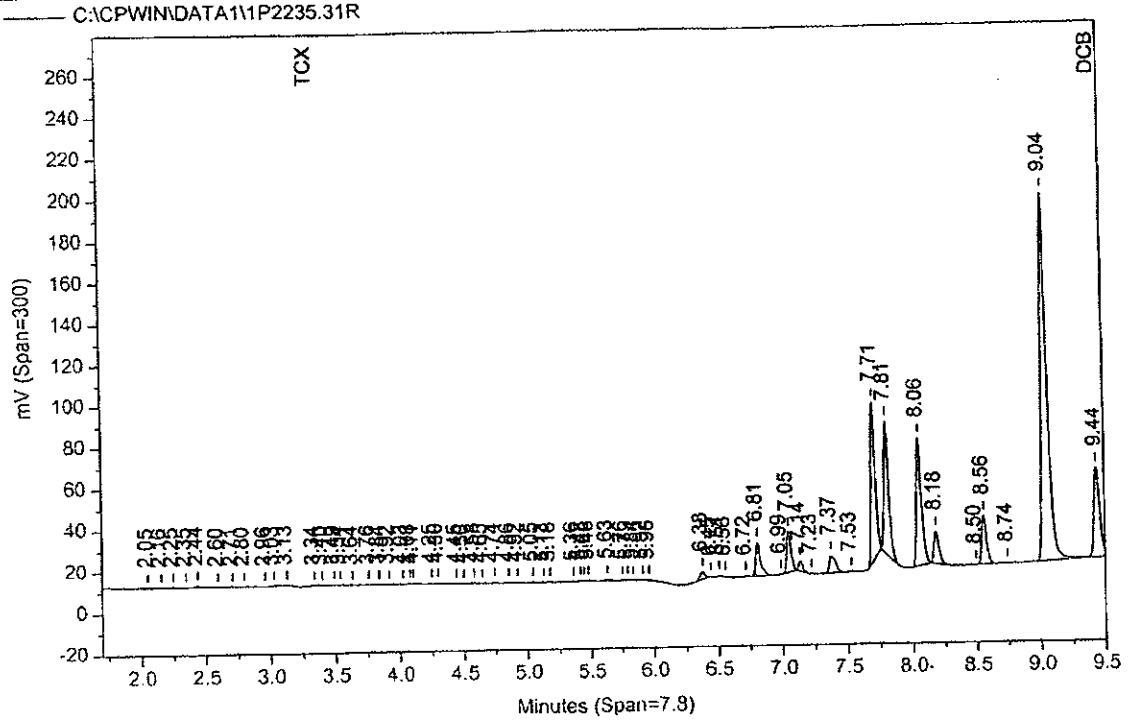
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.34	152	.04766	TCX	.	0	.	TCX
9.438	43641	19.08824	DCB	8.237	89041	19.35983	DCB

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

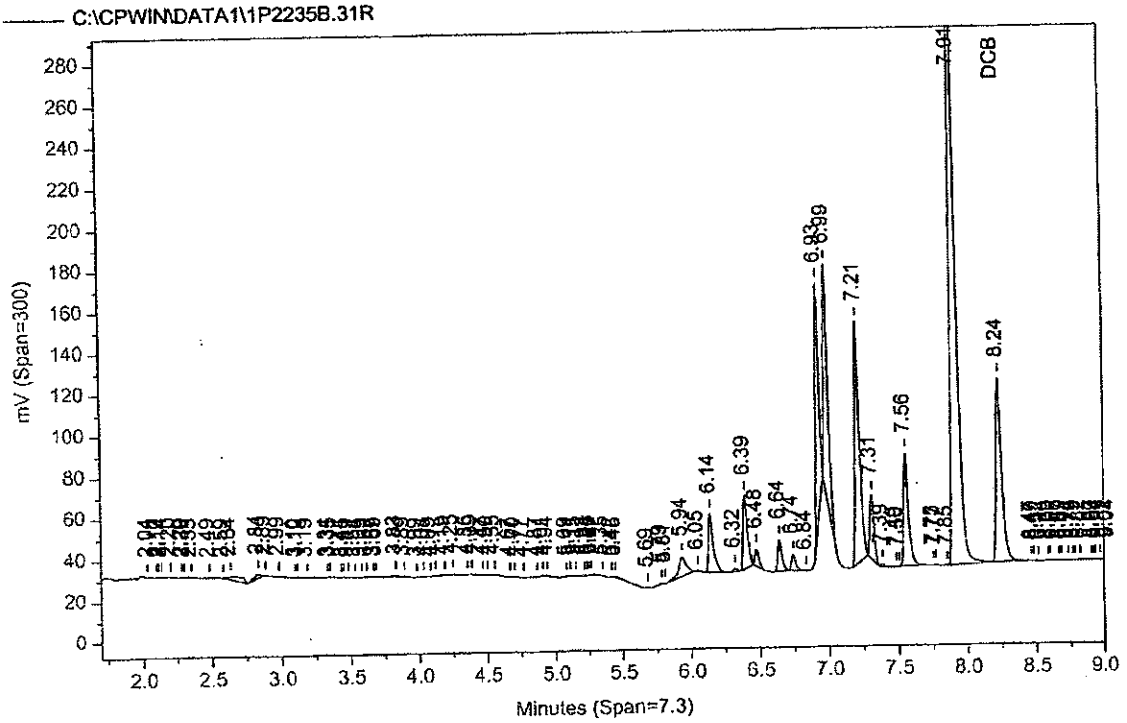
10X REPLOTS

ASX05 0918

C:\CPWIN\DATA1\1P2235.31R



C:\CPWIN\DATA1\1P2235B.31R



ASX85 0919

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

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Total Area = 3497843.0, Total Amount = 42.3, Total Height = 1193627.0, Sample Units = ug/l

ASX05 0921

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

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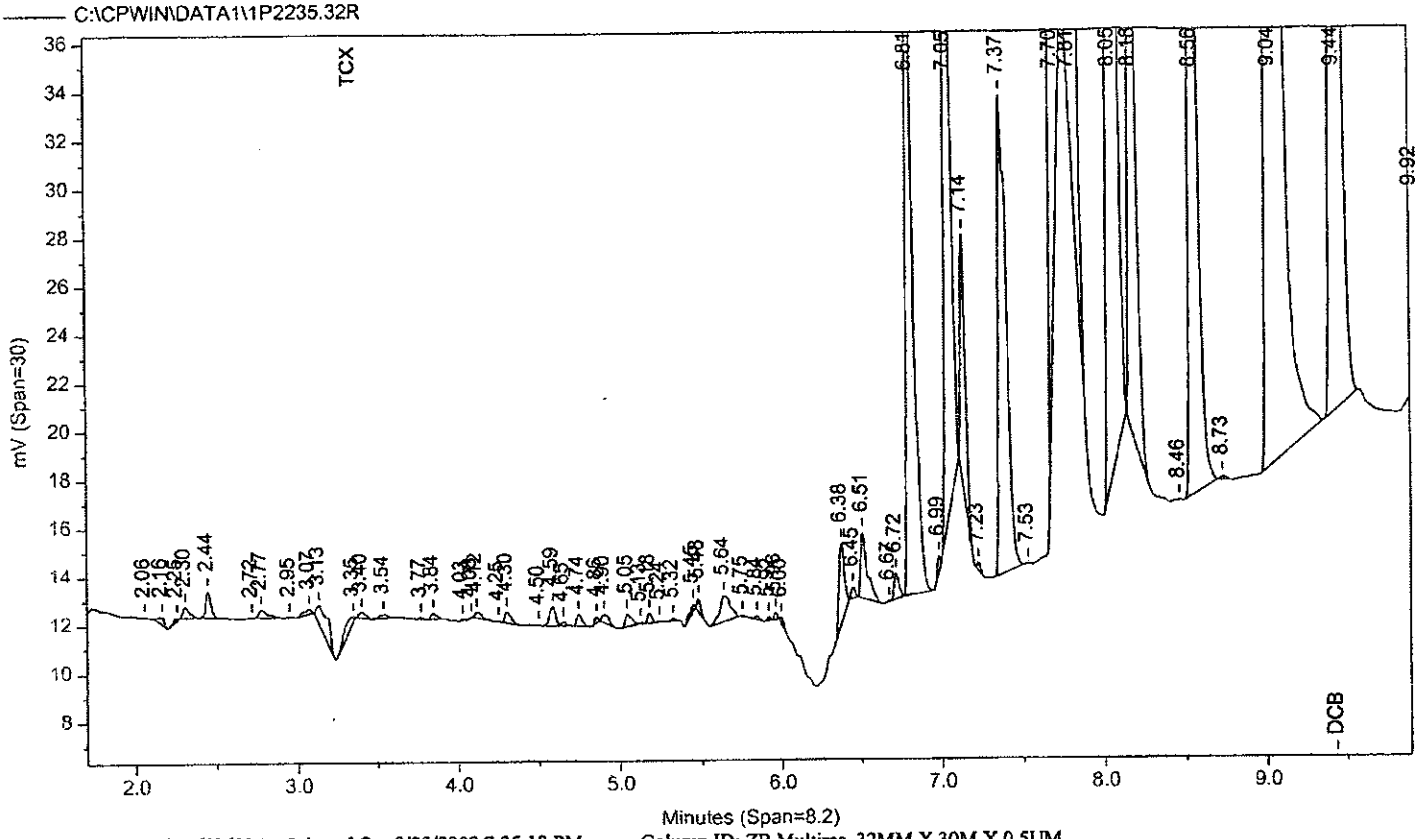
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.237		0.0000	0.000	43.4	0.001	BB	0.010	70.33	0.003
64	5.254		0.0000	0.000	37.2	0.001	BB	0.009	69.67	0.003
65	5.270		0.0000	0.000	774.0	0.014	BB	0.035	371.23	0.017
66	5.360		0.0000	0.000	1098.4	0.020	BB	0.023	800.57	0.038
67	5.420		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

ASX85 0923

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.32R

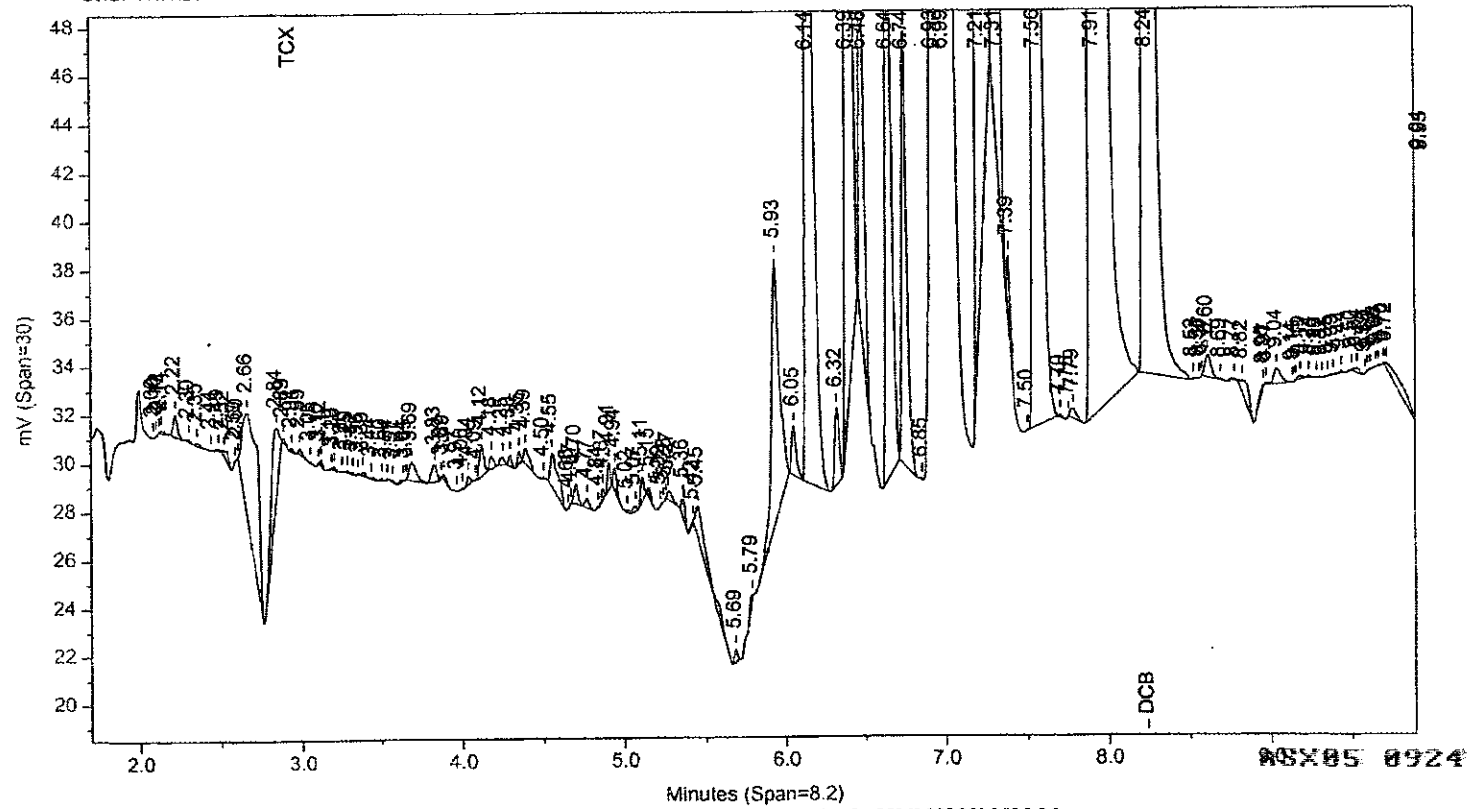
C:\CPWIN\DATA1\1P2235.32R



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

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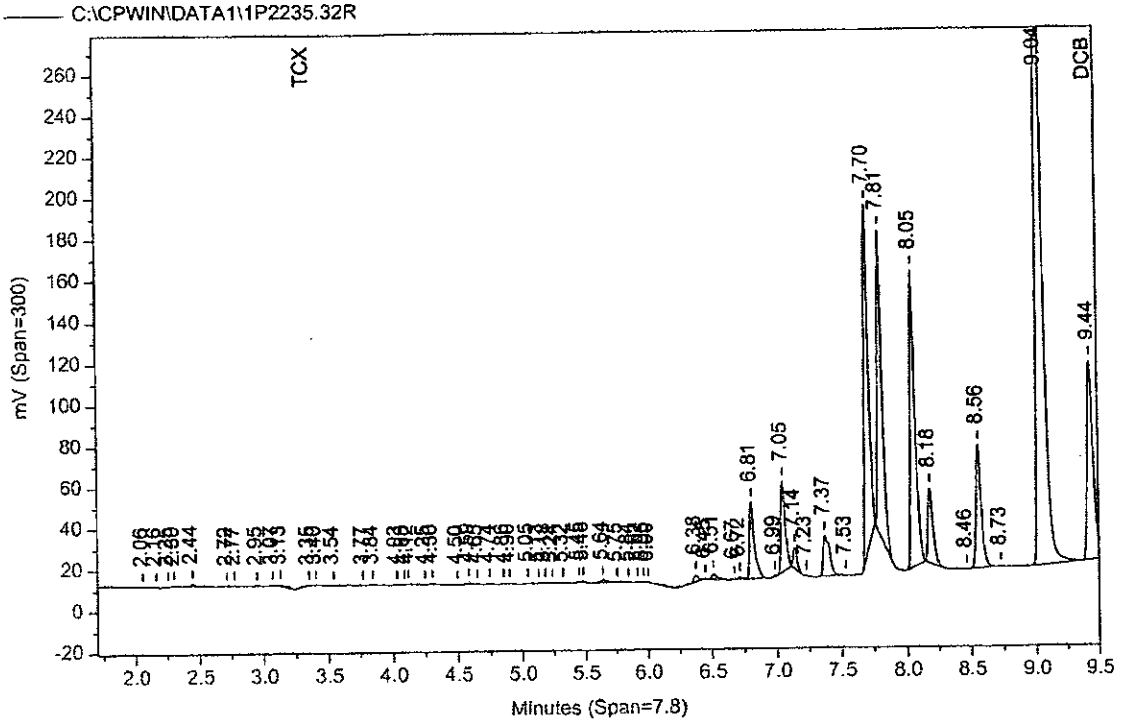
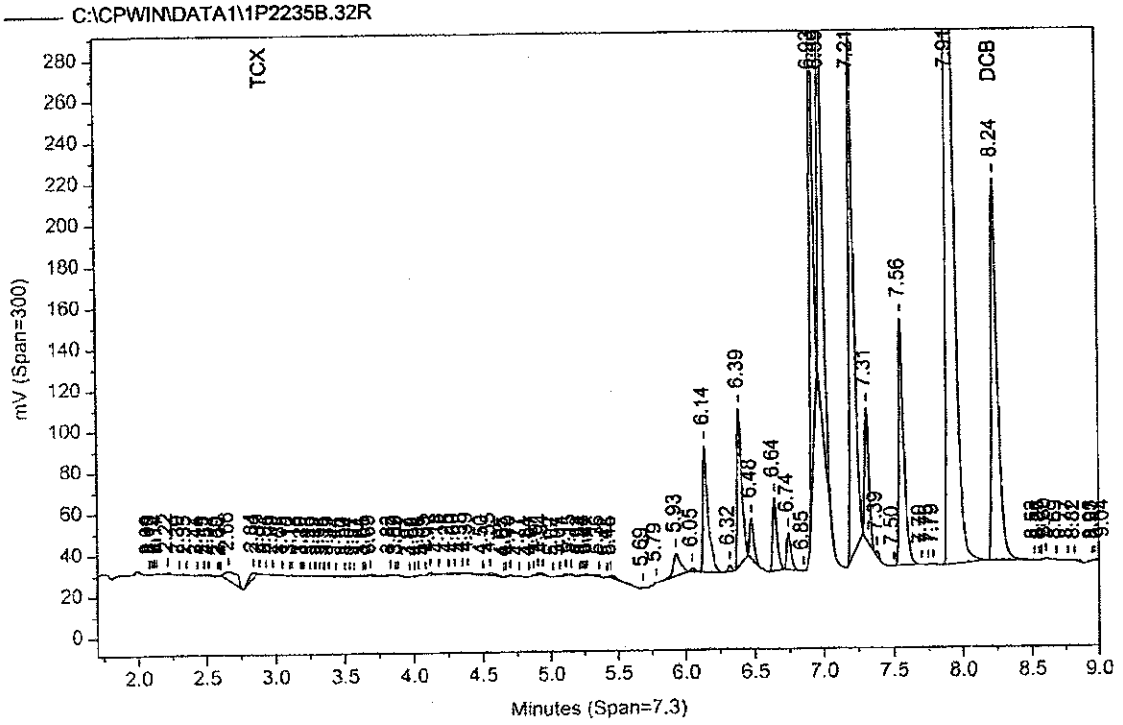
C:\CPWIN\DATA1\1P2235.32R



C:\CPWIN\DATA1\1P2235B.32R



ASX05 0926

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

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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

ASX05 0929

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

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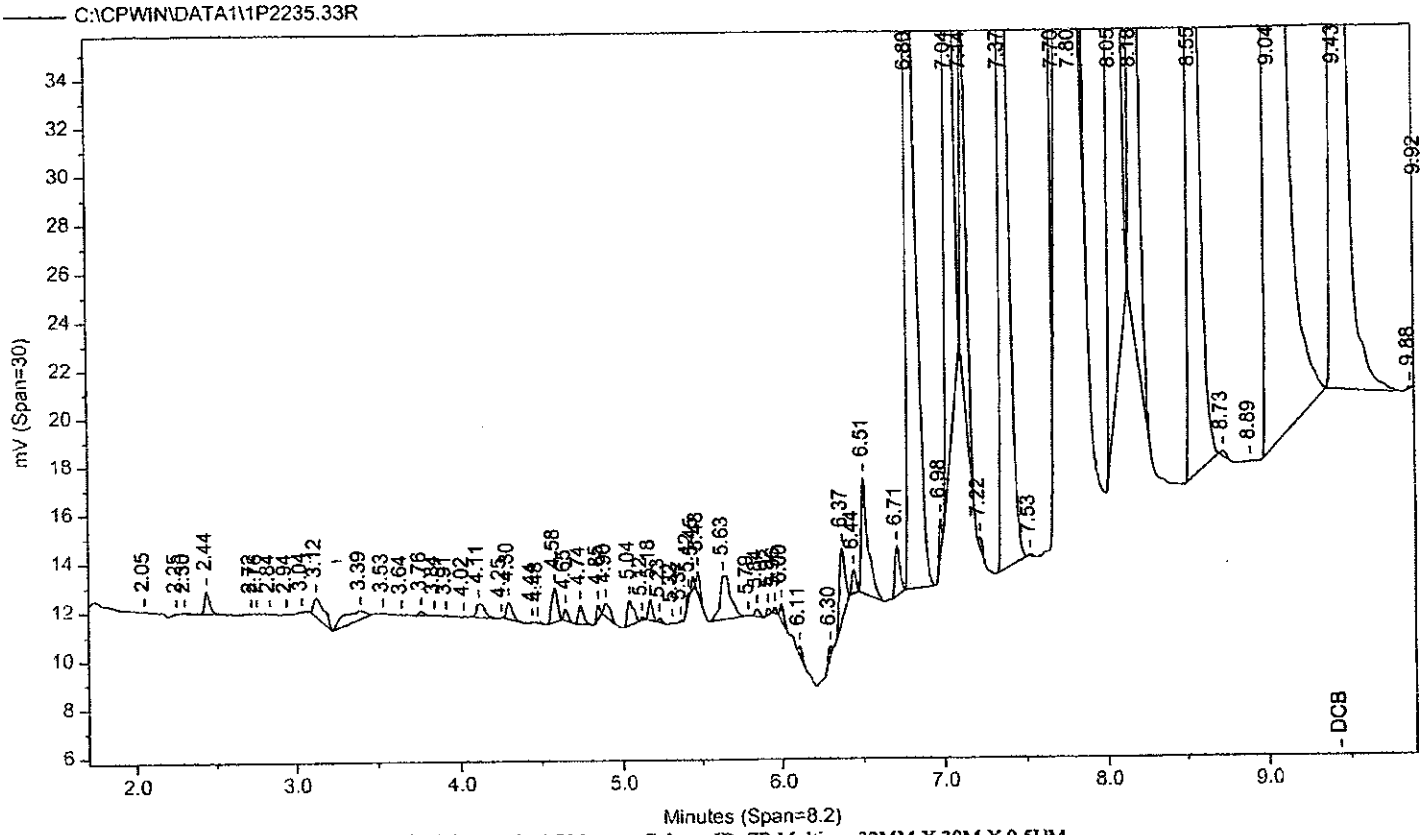
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.139		0.0000	0.000	293898.6	3.193	BB	0.045	109539.40	3.183
64	6.320		0.0000	0.000	8871.3	0.096	BB	0.029	5099.60	0.148
65	6.390		0.0000	0.000	304337.8	3.306	BB	0.037	136178.80	3.957
66	6.477		0.0000	0.000	66193.6	0.719	BB	0.032	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

ASX05 0930

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.33R

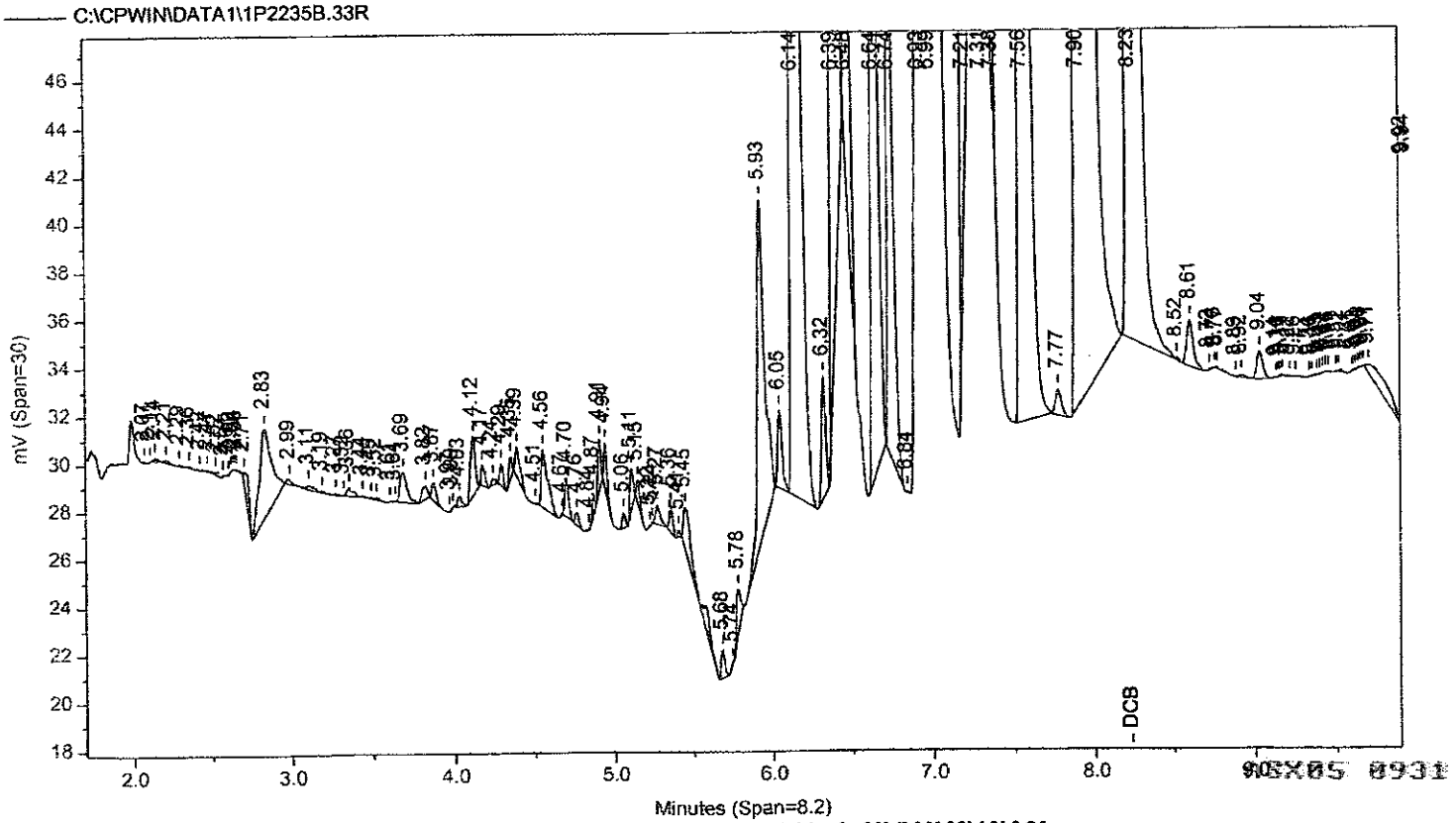
C:\CPWIN\DATA1\1P2235.33R



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

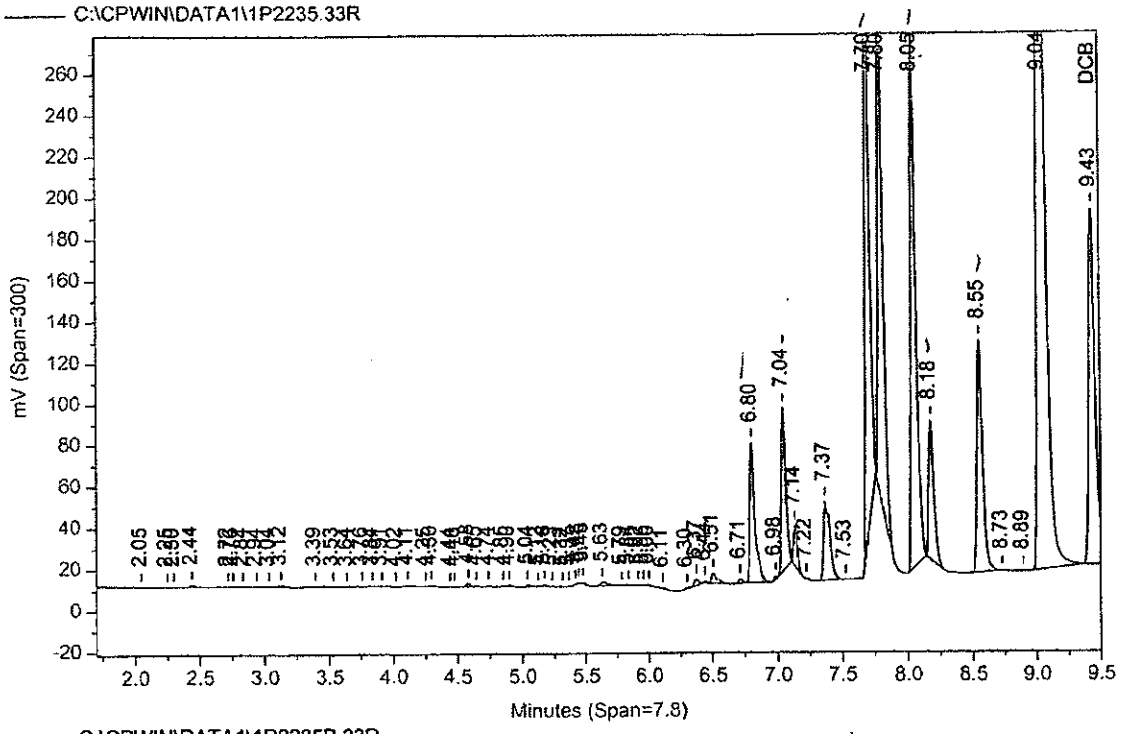
Dilution Factor: 1

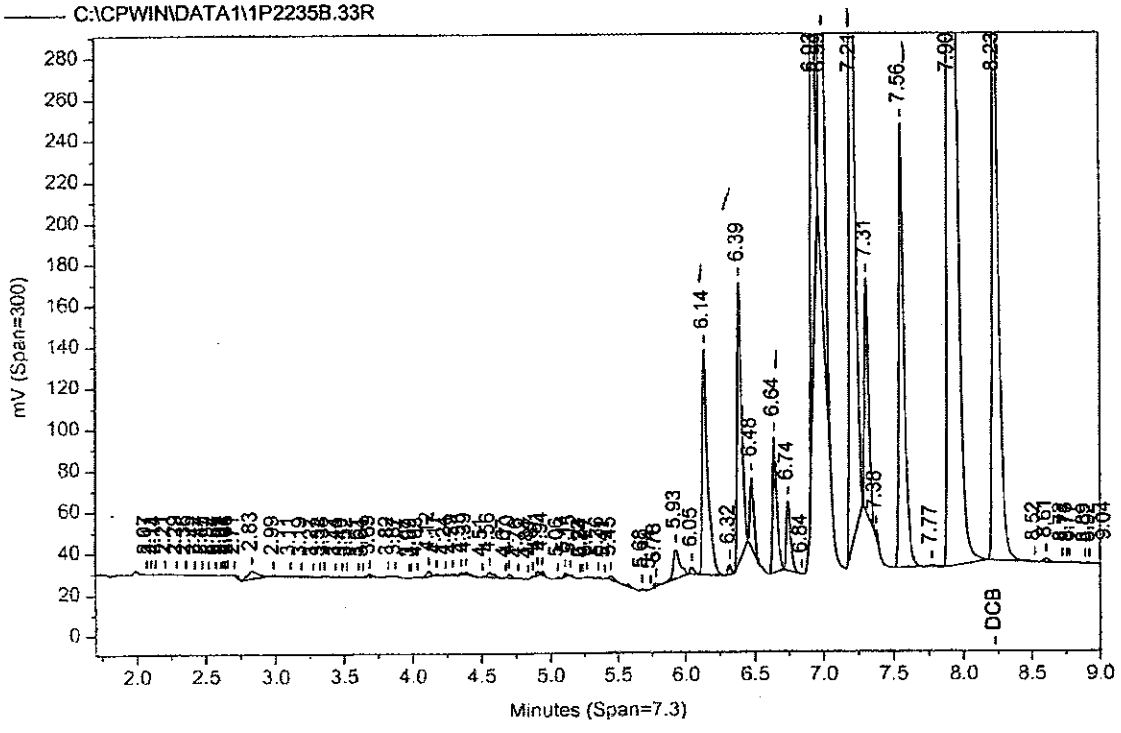
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.435	172792	75.5778	DCB	8.232	328001	71.31582	DCB

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

ASX05: 0932


C:\CPWIN\DATA1\1P2235.33R
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

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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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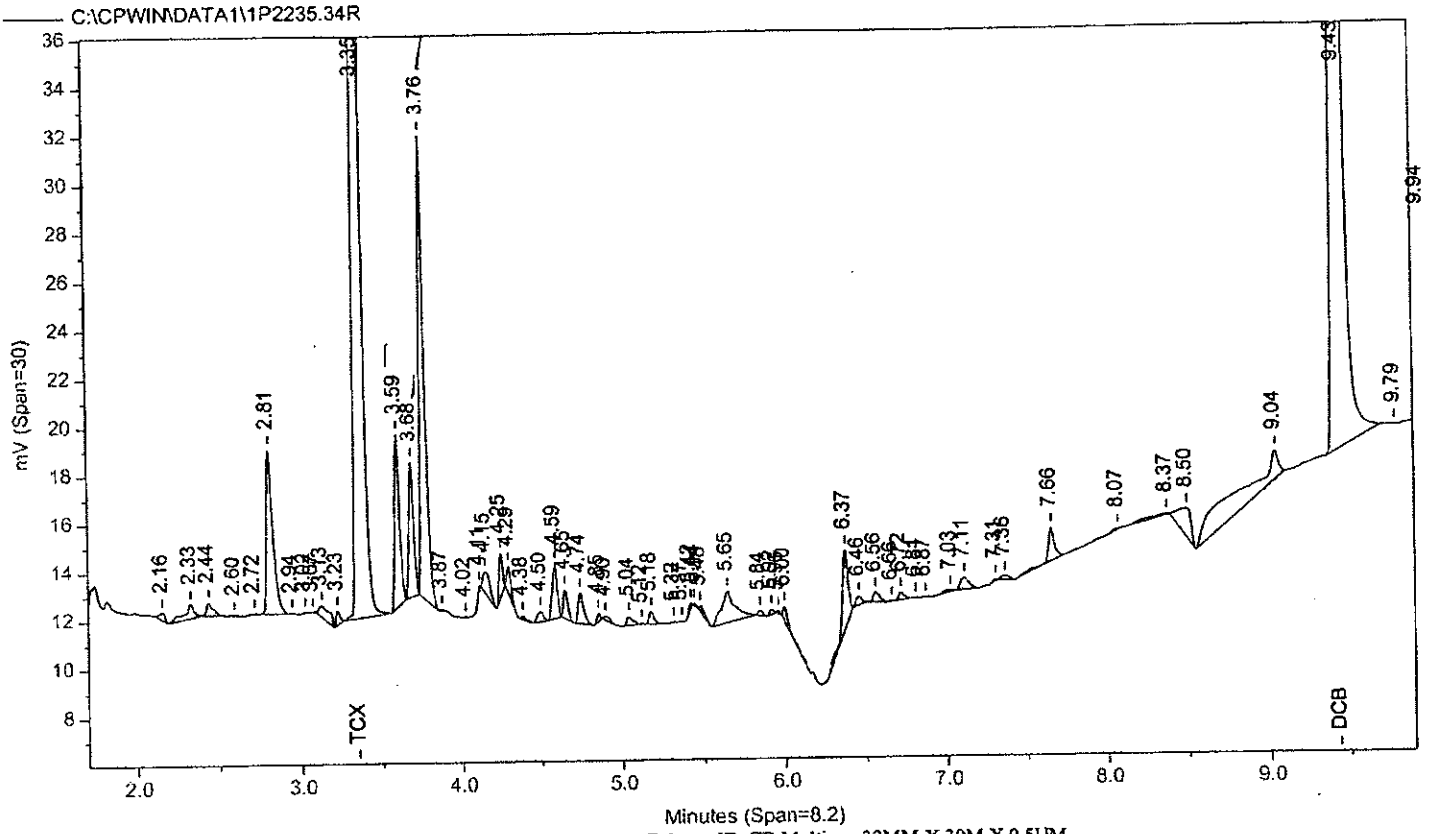
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.633		0.0000	0.000	97.4	0.007	BB	0.051	31.56	0.006
64	7.650		0.0000	0.000	23.8	0.002	BB	0.007	57.14	0.011
65	7.666		0.0000	0.000	56.6	0.004	BB	0.017	56.93	0.011
66	7.767		0.0000	0.000	108.6	0.008	BB	0.088	20.50	0.004
67	7.783		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

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.34R

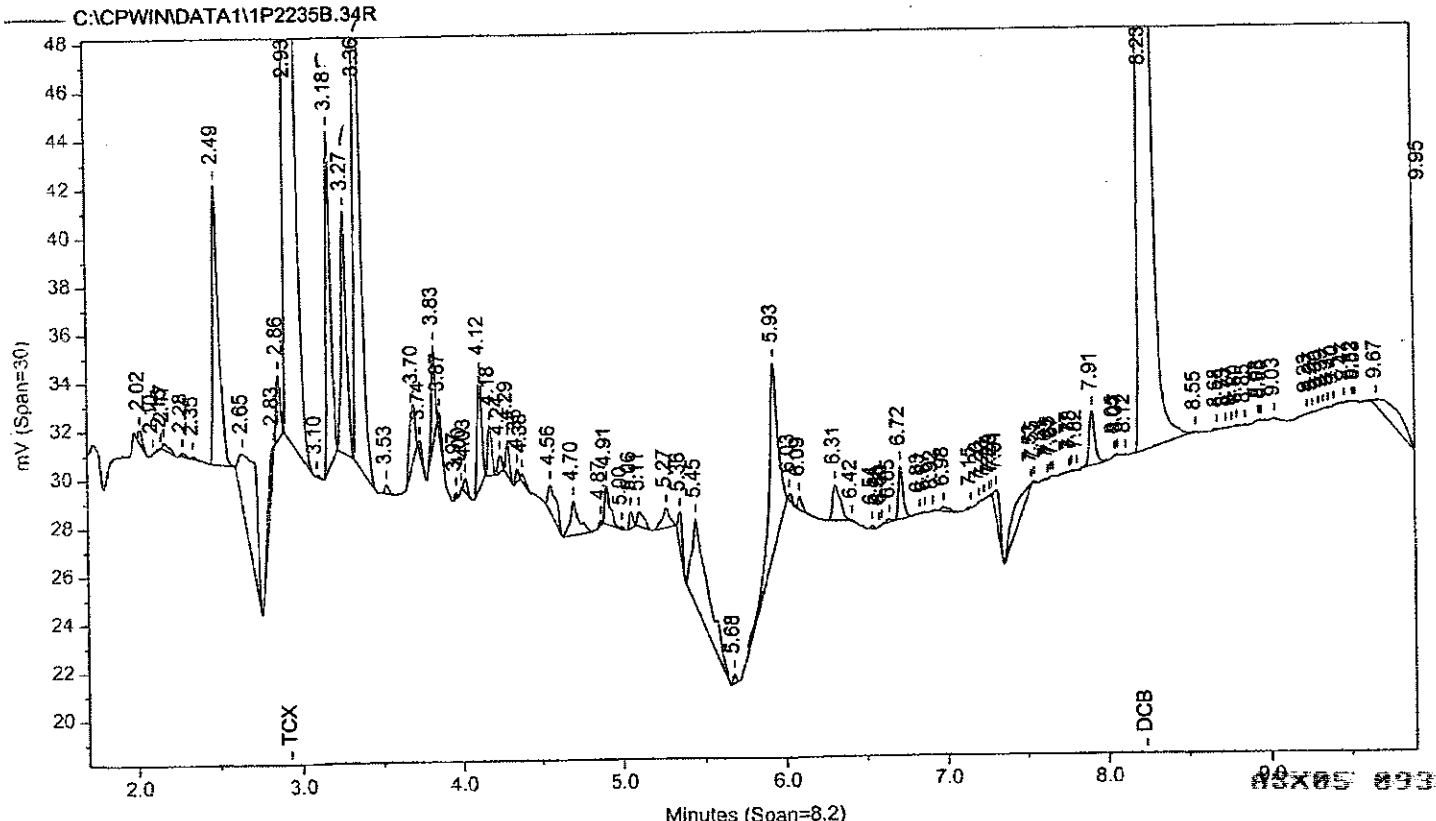
C:\CPWIN\DATA1\1P2235.34R



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

C:\CPWIN\DATA1\1P2235B.34R



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

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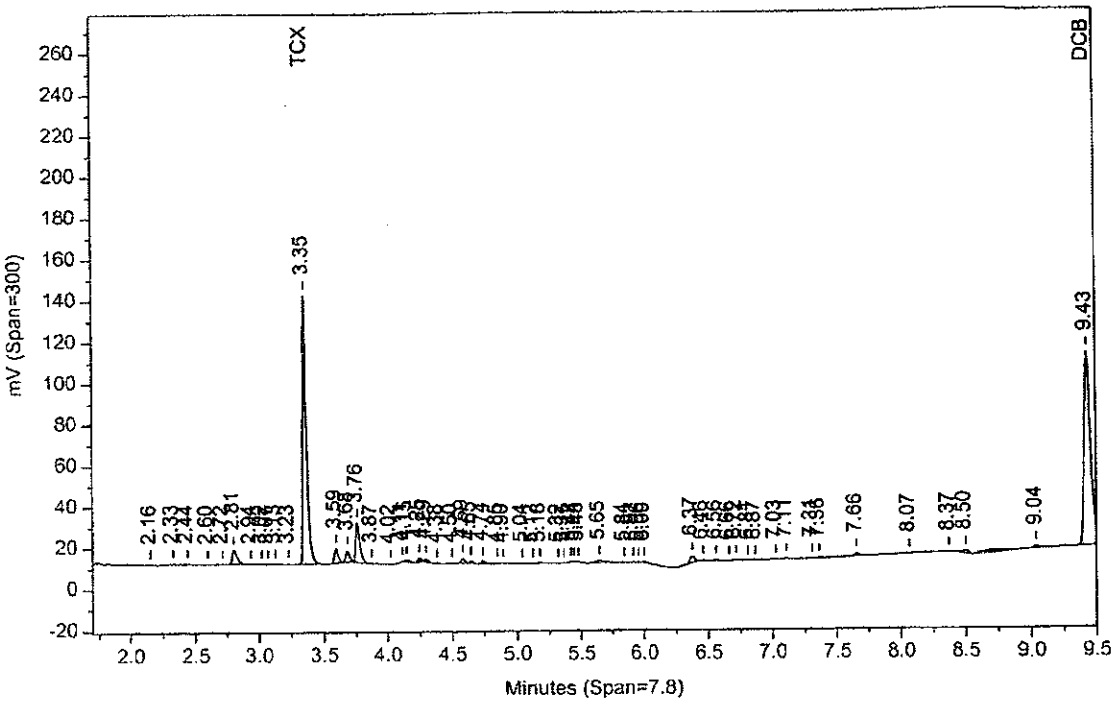
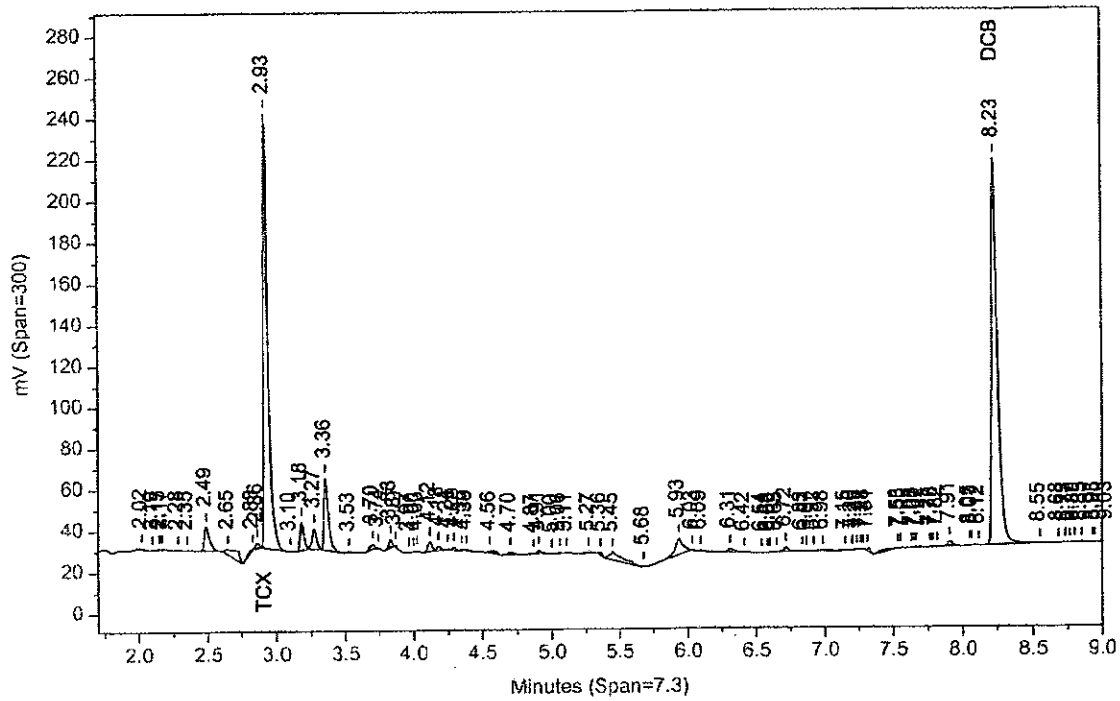
C:\CPWIN\DATA1\1P2235.34R



C:\CPWIN\DATA1\1P2235B.34R



ASX05 8939

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

ASX85 0941

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

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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

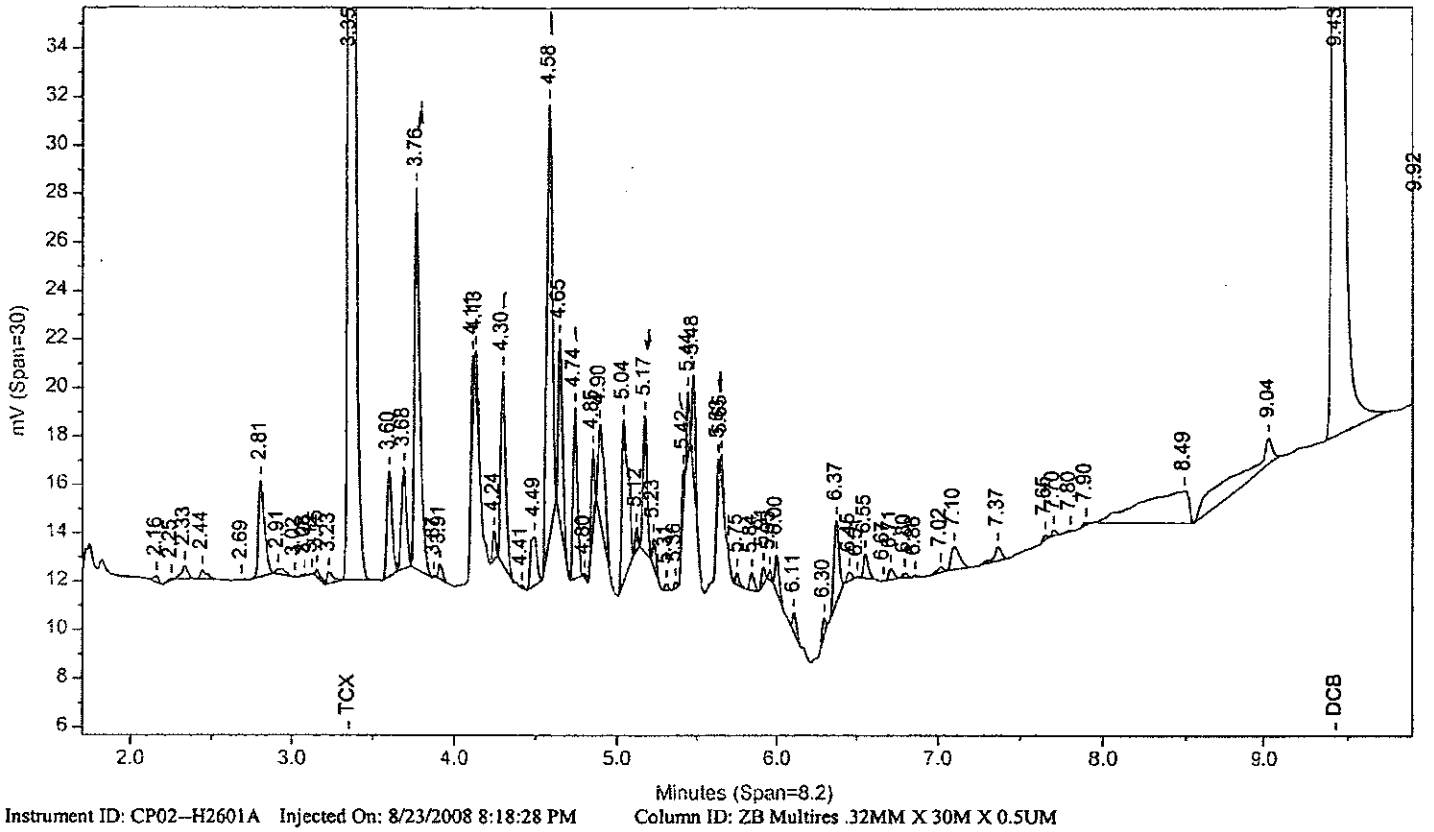
ASX05 0943

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

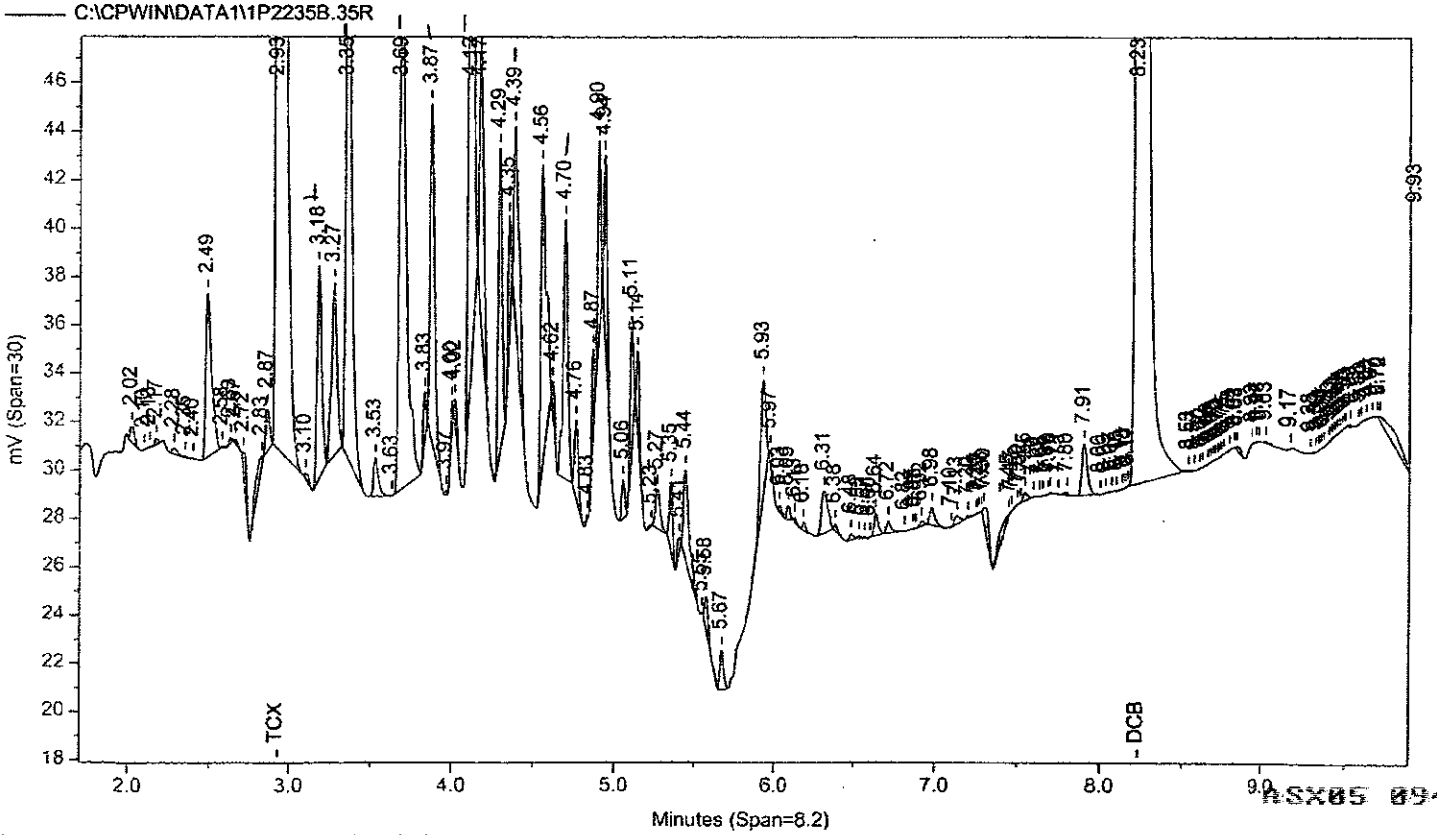
ASX05 0944

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

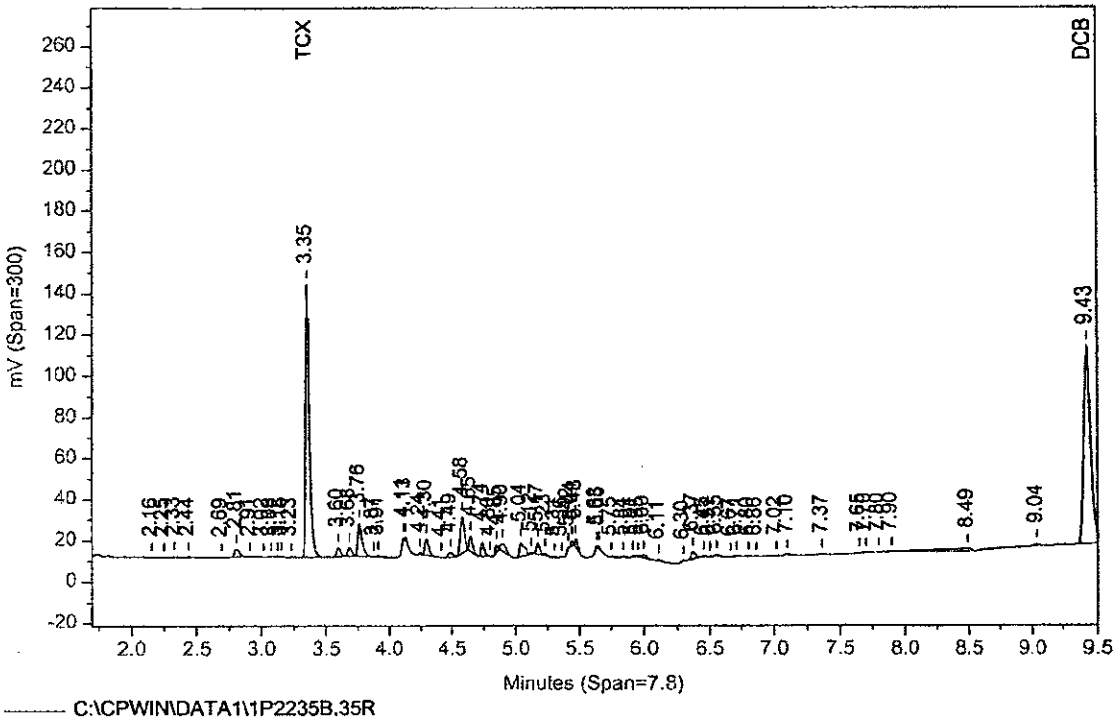
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.352	133557	41.88403	TCX	2.928	217963	40.9142	TCX
9.427	96393	42.1612	DCB	8.229	183500	39.89758	DCB

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

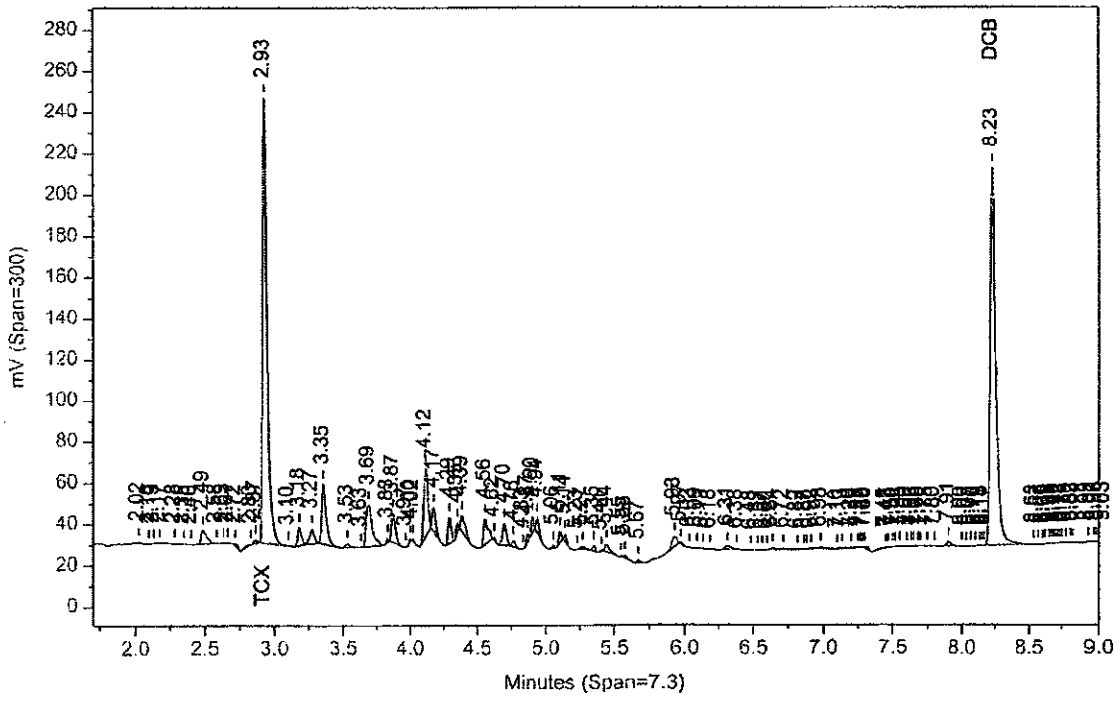
10X REPLOTS

ASX05 10946

C:\CPWIN\DATA1\1P2235.35R



C:\CPWIN\DATA1\1P2235B.35R



ASX85 0947

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

ASX05 0940

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

ASX05 0949

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

ASX85 8950

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

ASX05 8951

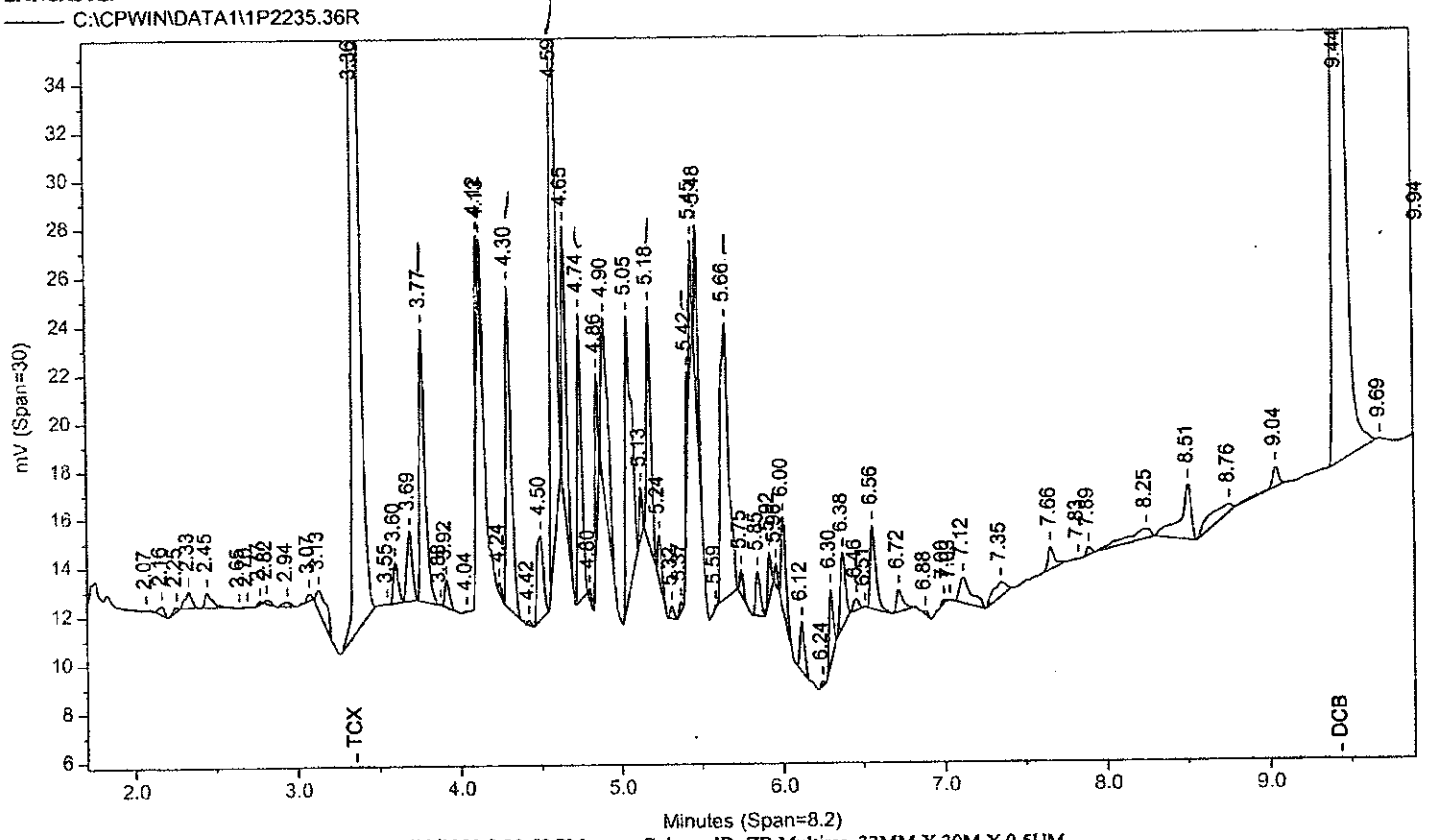
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.657		0.0000	0.000	28.0	0.002	BB	0.010	45.87	0.006
134	9.673		0.0000	0.000	6560.8	0.364	BB	0.542	201.77	0.026
135	9.924		0.0000	0.000	4831.6	0.268	BB	0.055	1472.21	0.189
136	9.940		0.0000	0.000	187.9	0.010	BB	0.036	86.37	0.011

Total Area = 1803008.0, Total Amount = 82.129, Total Height = 779265.3, Sample Units = ug/l

ASX05 0952

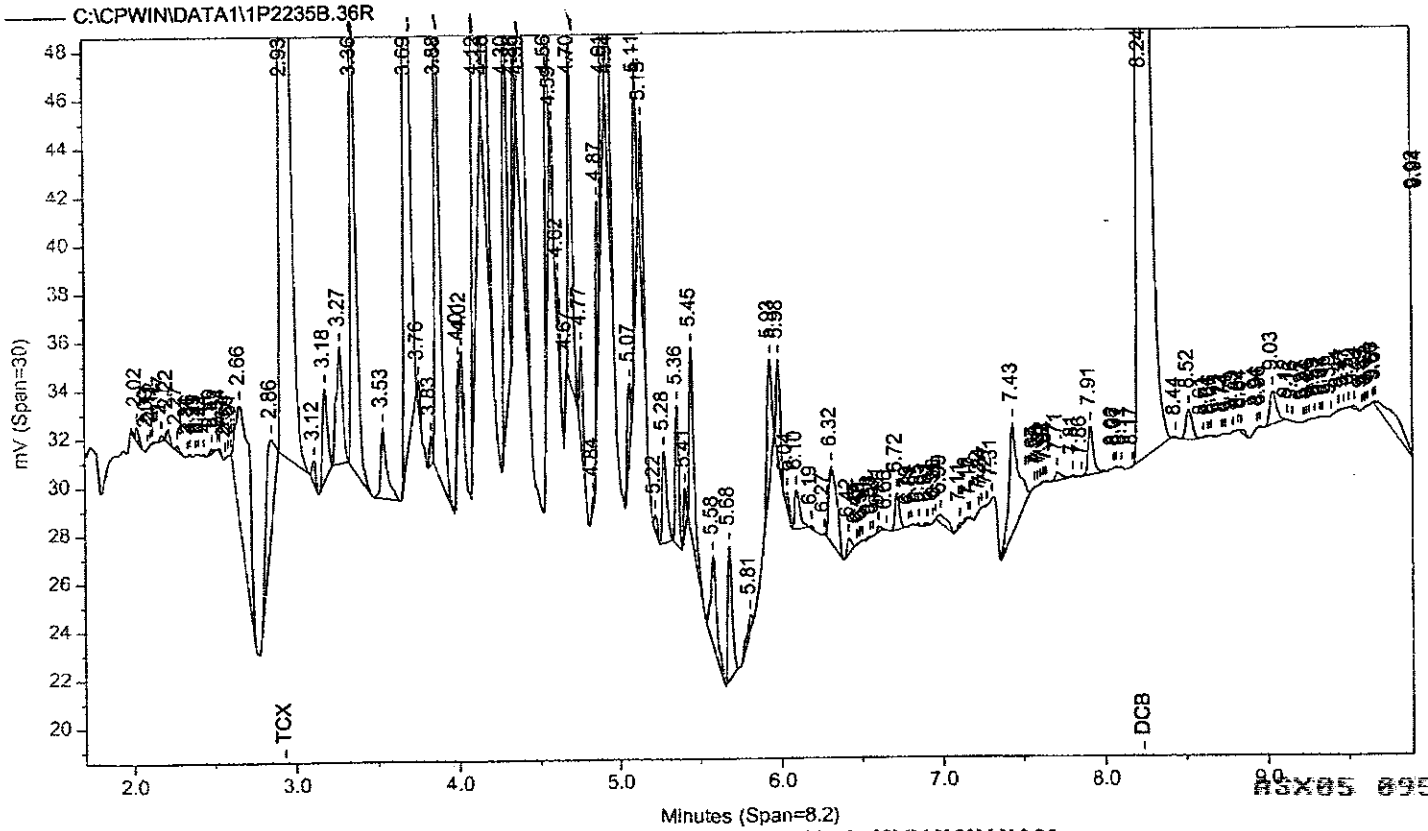
LANCASTER LABORATORIES

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

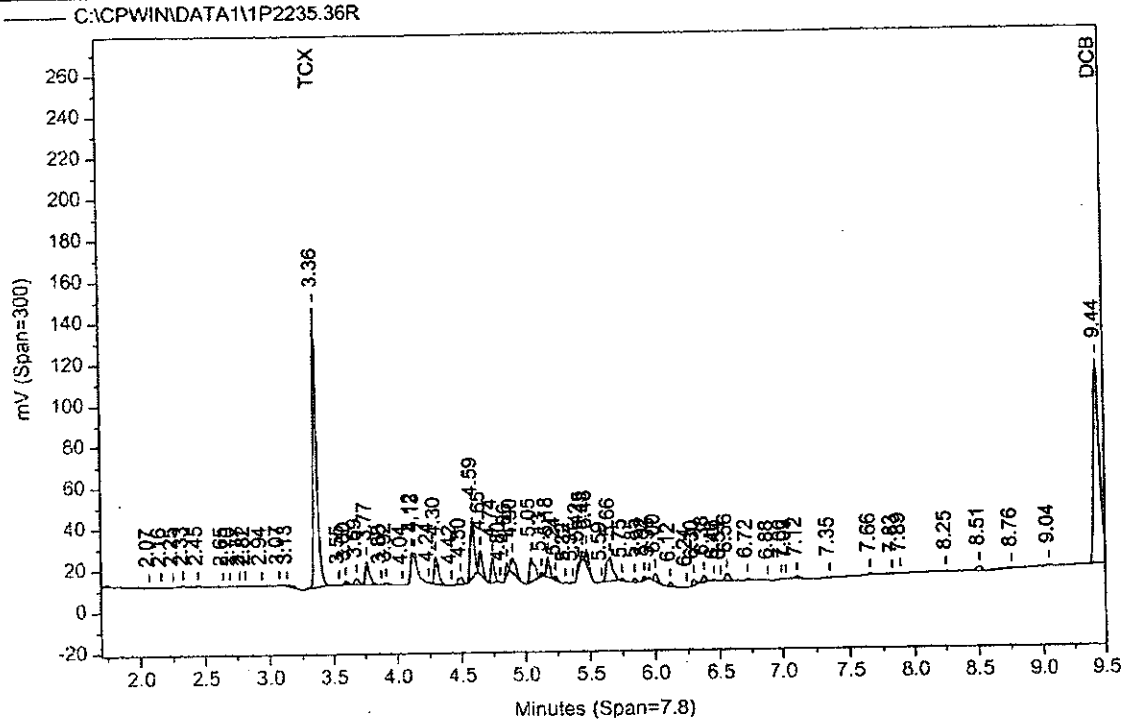
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.358	136078	42.67467	TCX	2.93	216673	40.67204	TCX
9.437	98991	43.29793	DCB	8.239	190673	41.45705	DCB

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

ASX05 0954

C:\CPWIN\DATA1\1P2235.36R



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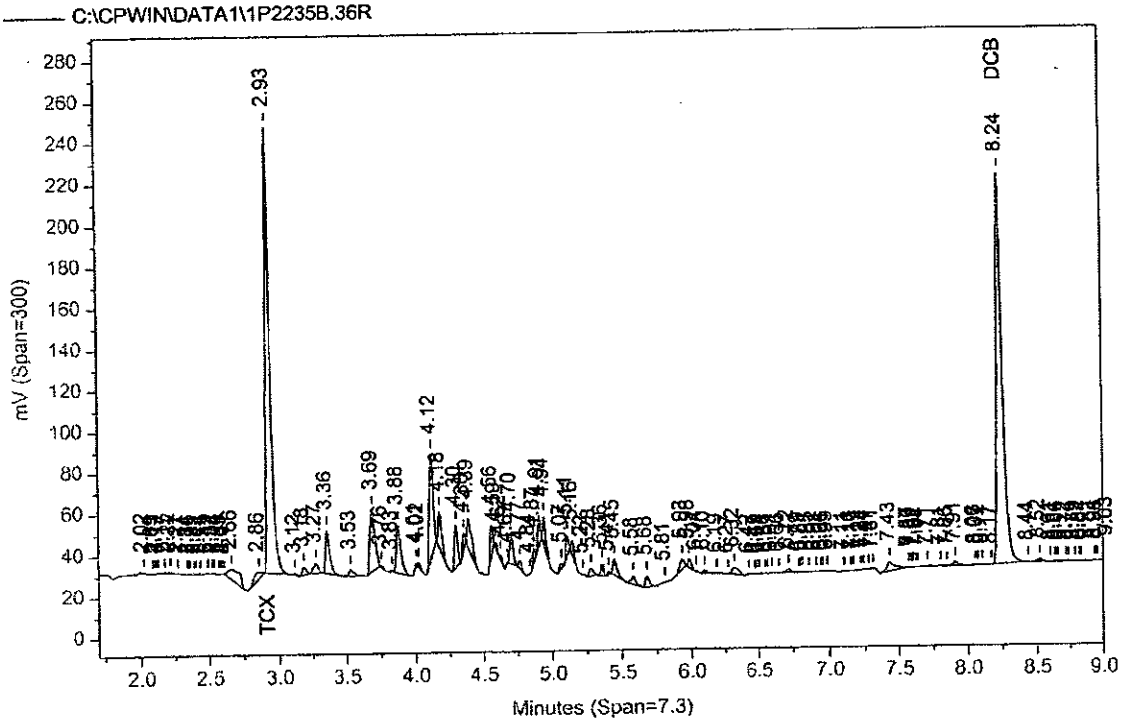


ASX05 0955

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

ASX05 095

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

ASX05 0957

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

ASX85 0958

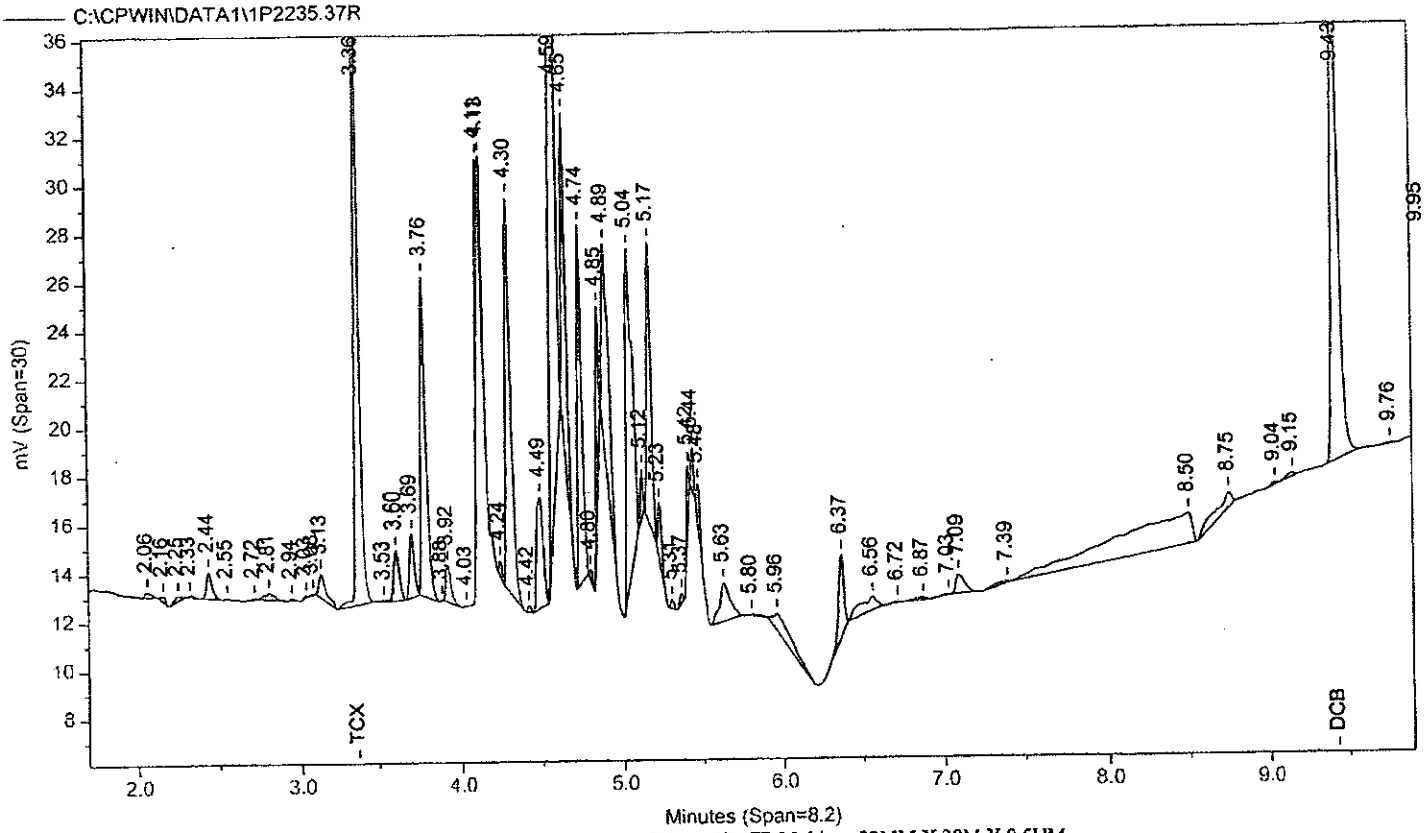
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
133	9.636		0.0000	0.000	69.7	0.007	BB	0.019	60.73	0.014
134	9.670		0.0000	0.000	22.7	0.002	BB	0.010	39.59	0.009
135	9.704		0.0000	0.000	20.5	0.002	BB	0.008	43.02	0.010
136	9.719		0.0000	0.000	4003.6	0.381	BB	0.301	221.95	0.050
137	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

ASX85 8959

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

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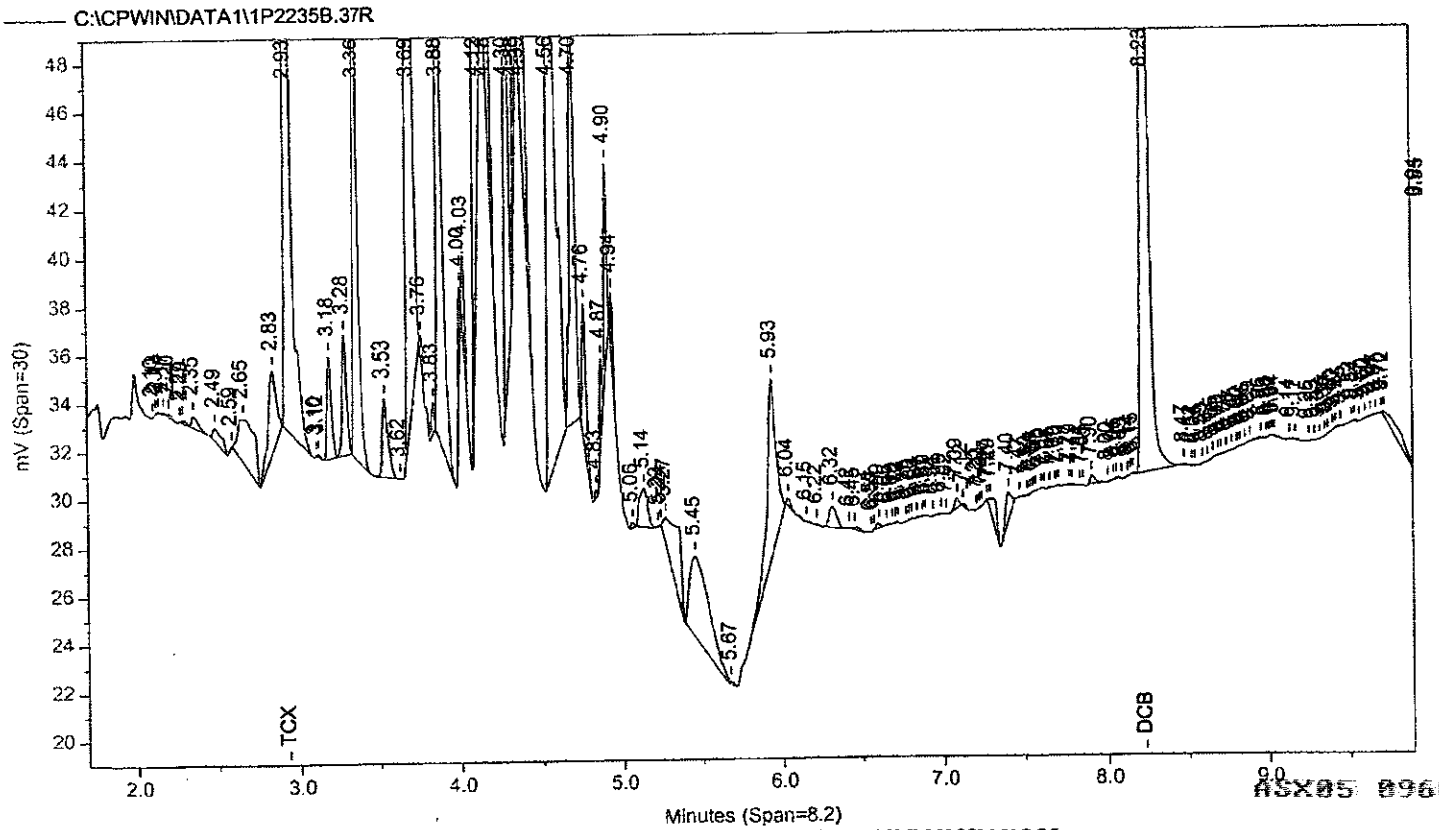


Instrument ID: CP02--H2601B Injected On: 8/23/2008 8:47:21 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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
3.356	27801	8.71842	TCX
9.431	22211	9.71484	DCB

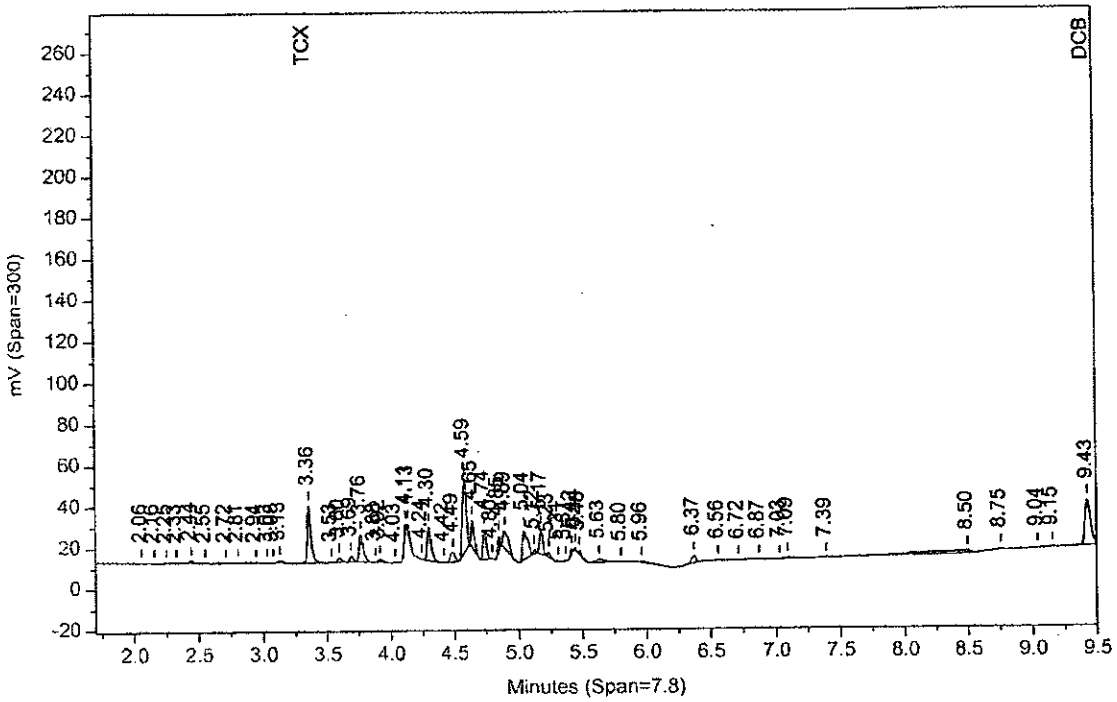
RT B	Height B	Amount B	Compound B
2.93	47429	8.90288	TCX
8.23	47827	10.3989	DCB

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

ASX05 8961

C:\CPWIN\DATA1\1P2235.37R



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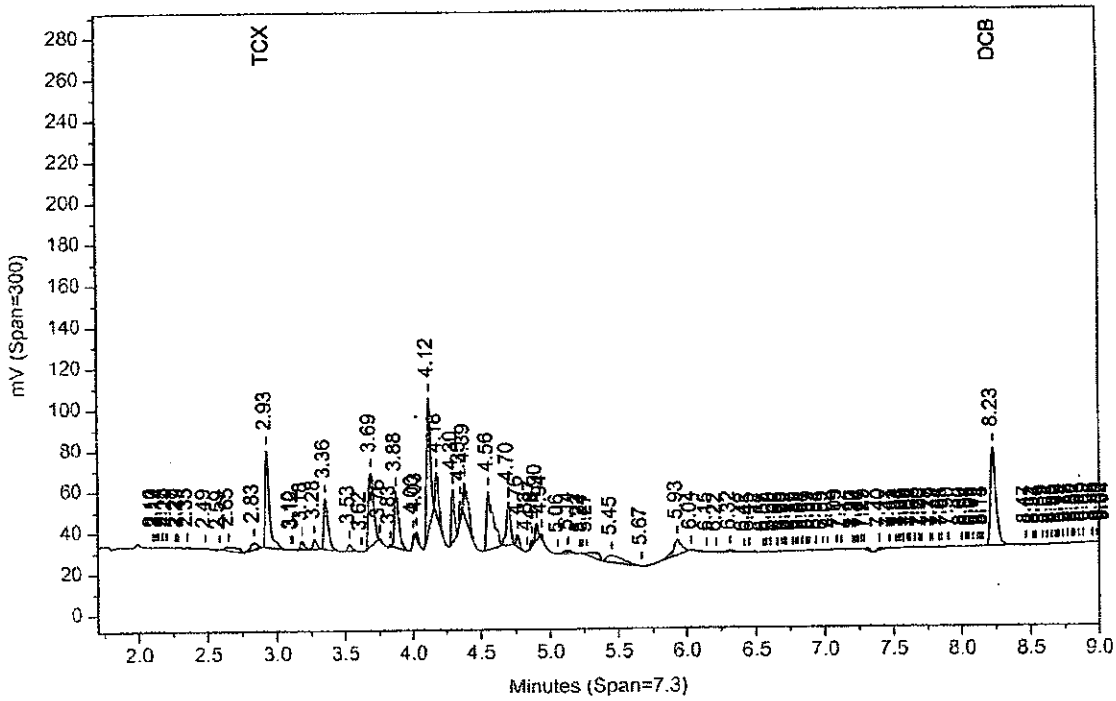


ASX05 0962

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

ASX05 0963

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

ASX05 0964

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

ASX85 8965

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

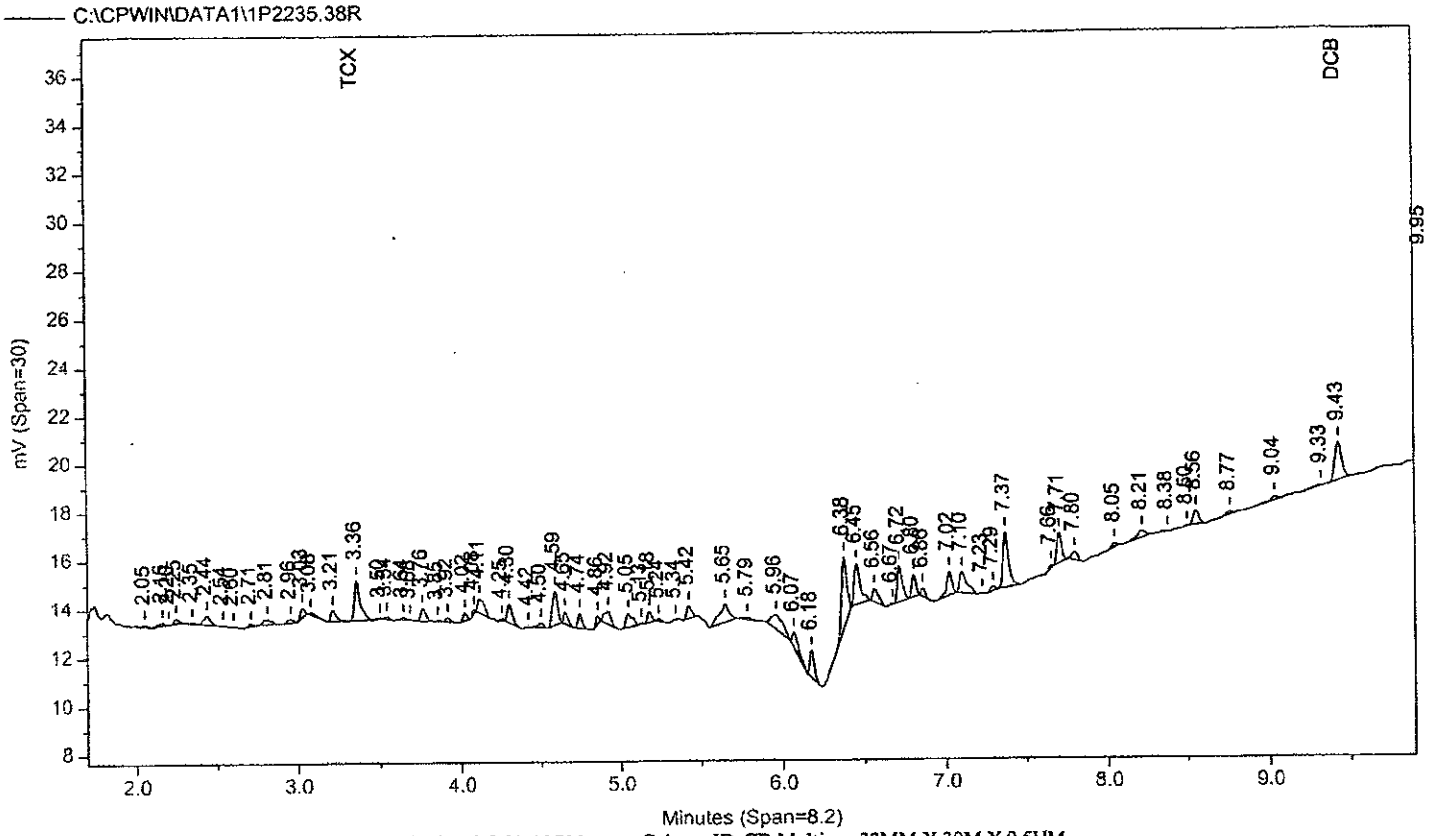
ASX05 0966

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

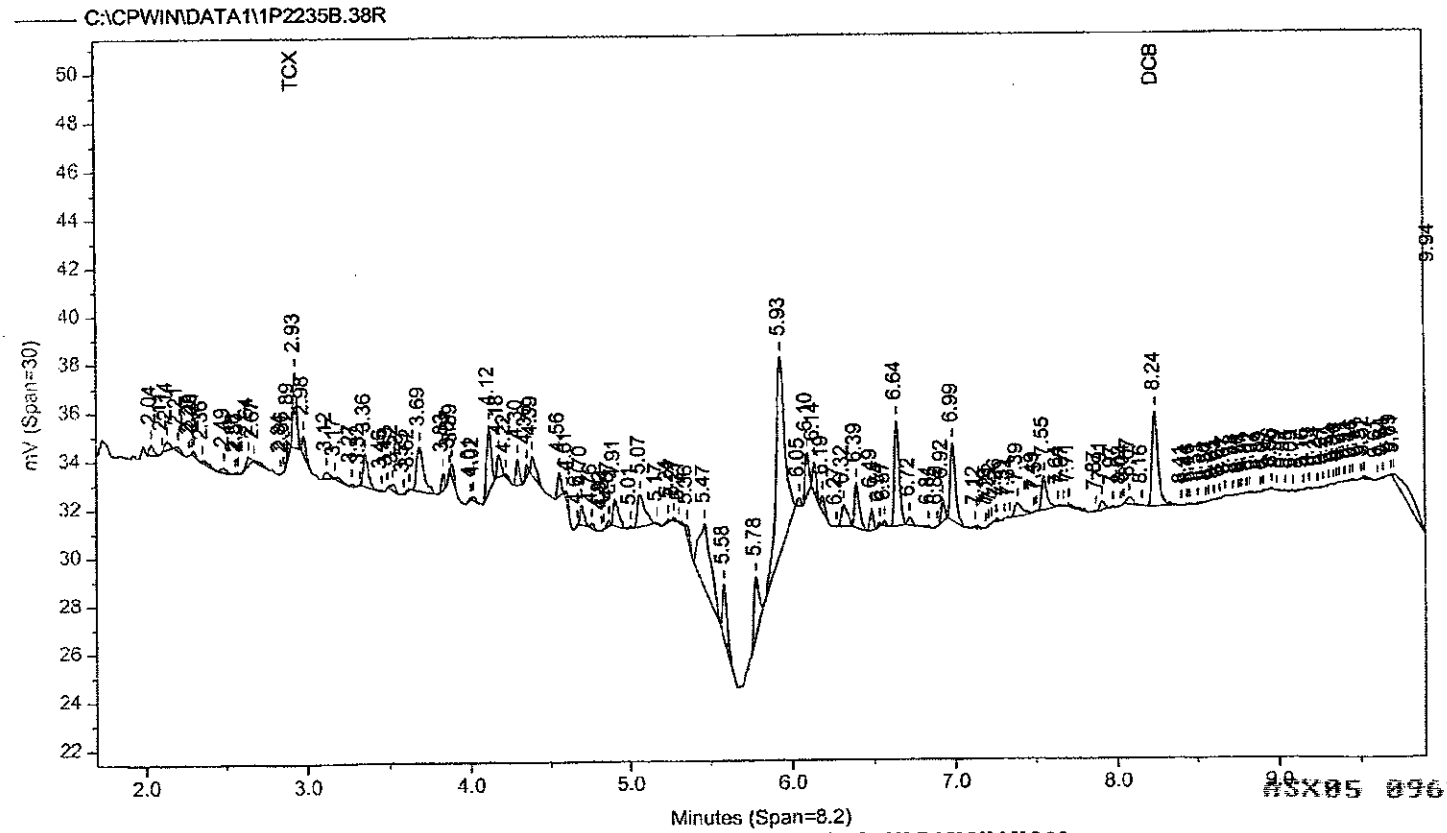
ASX05 0967

LANCASTER LABORATORIES File: 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



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

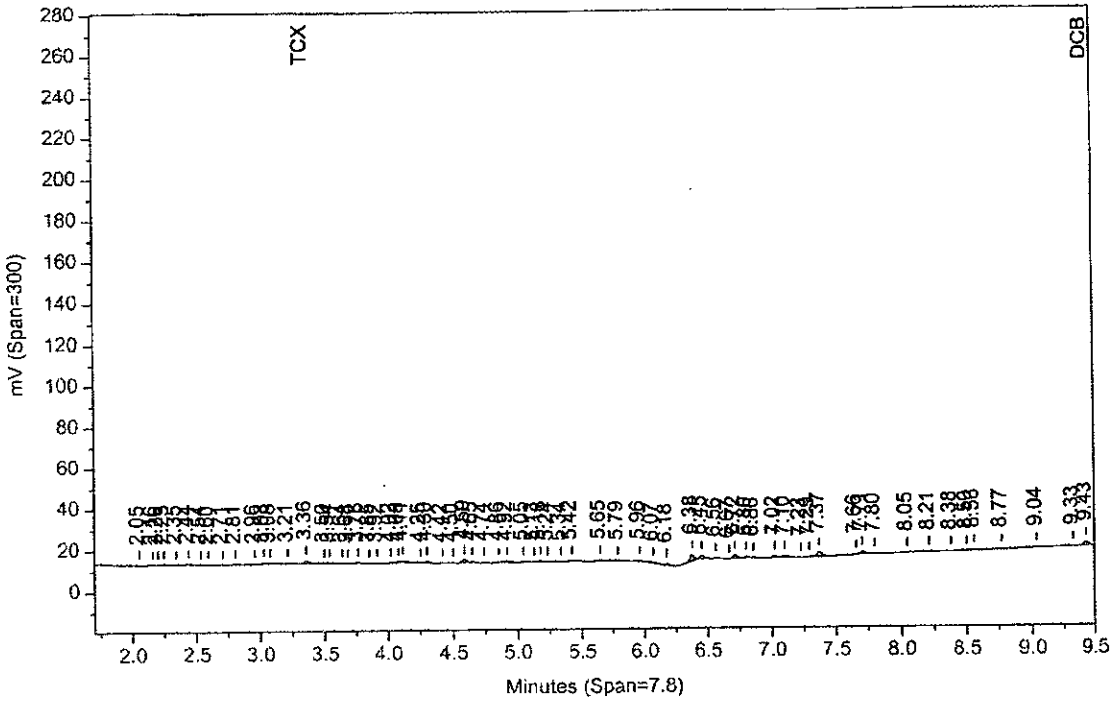
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.355	1678	.52615	TCX	2.929	3097	.58138	TCX
9.434	1569	.68634	DCB	8.236	3916	.85153	DCB

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

ASX05 0969

C:\CPWIN\DATA1\1P2235.38R



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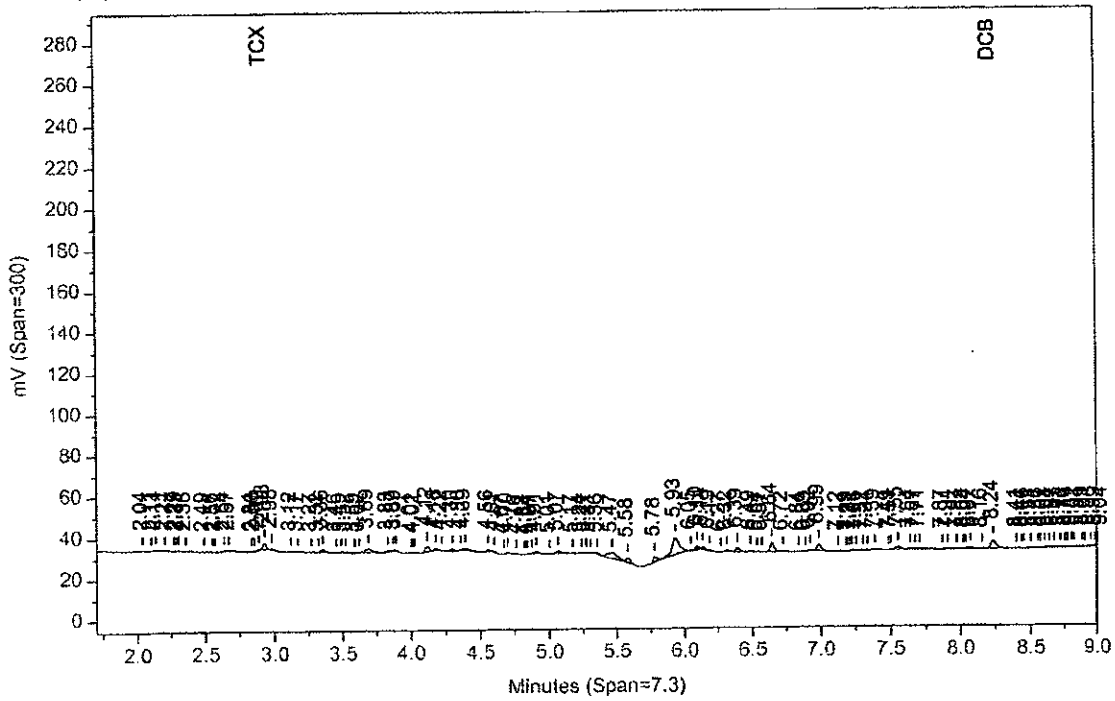


ASX05 0978

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

ASX85 0971

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

ASX05 0972

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

ASX85 0973

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

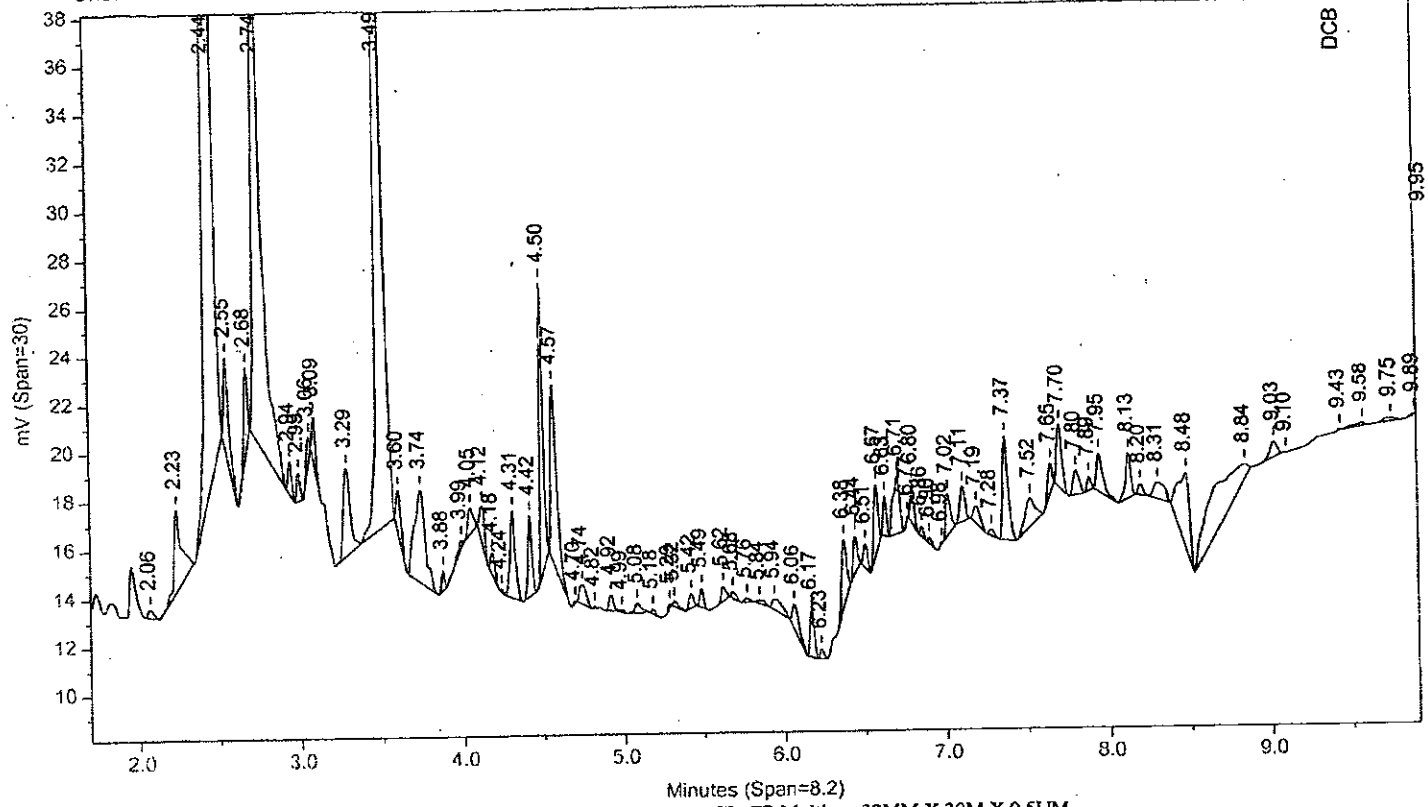
ASX05 0974

ASX05 0975

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\1P2235.39R

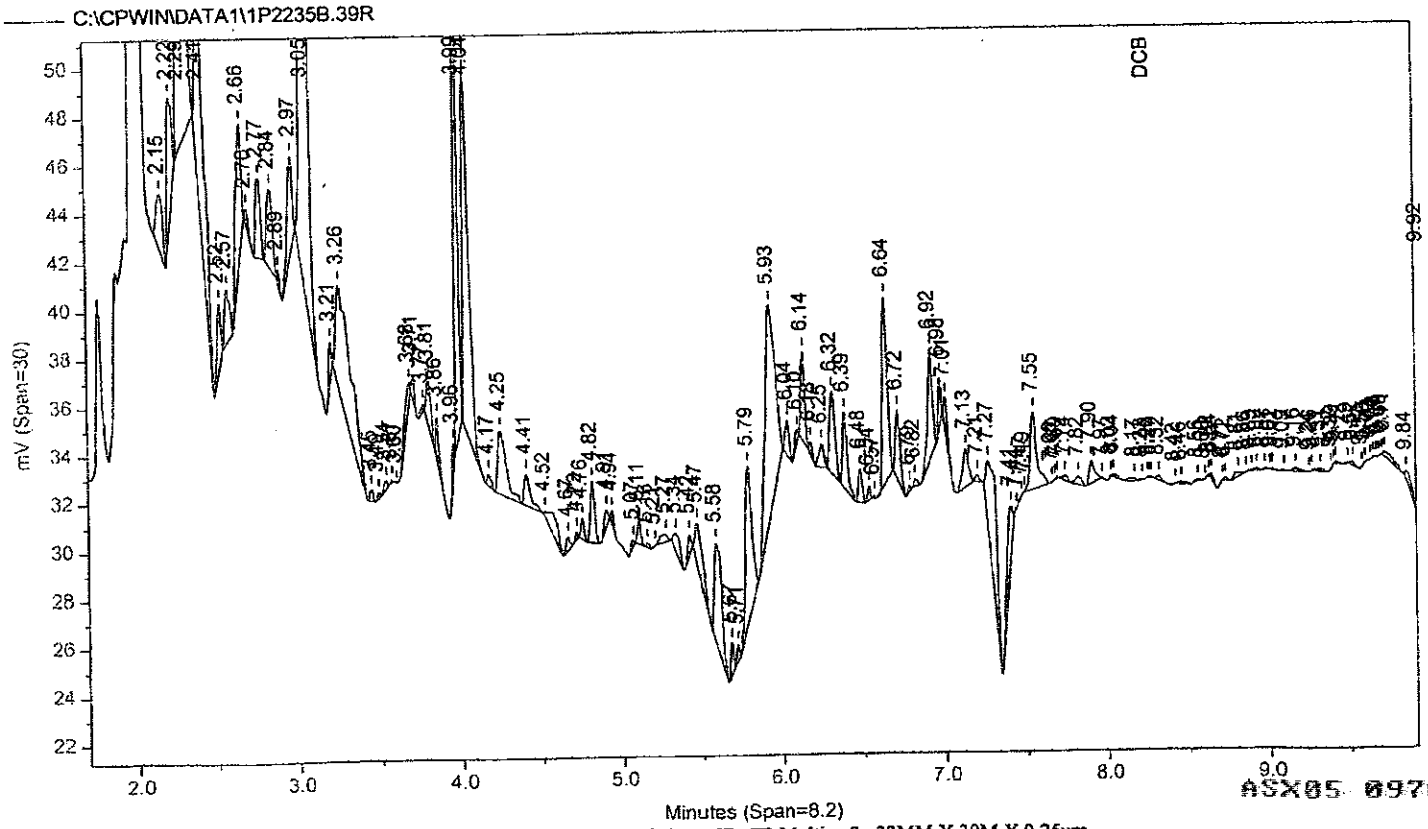
C:\CPWIN\DATA1\1P2235.39R



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

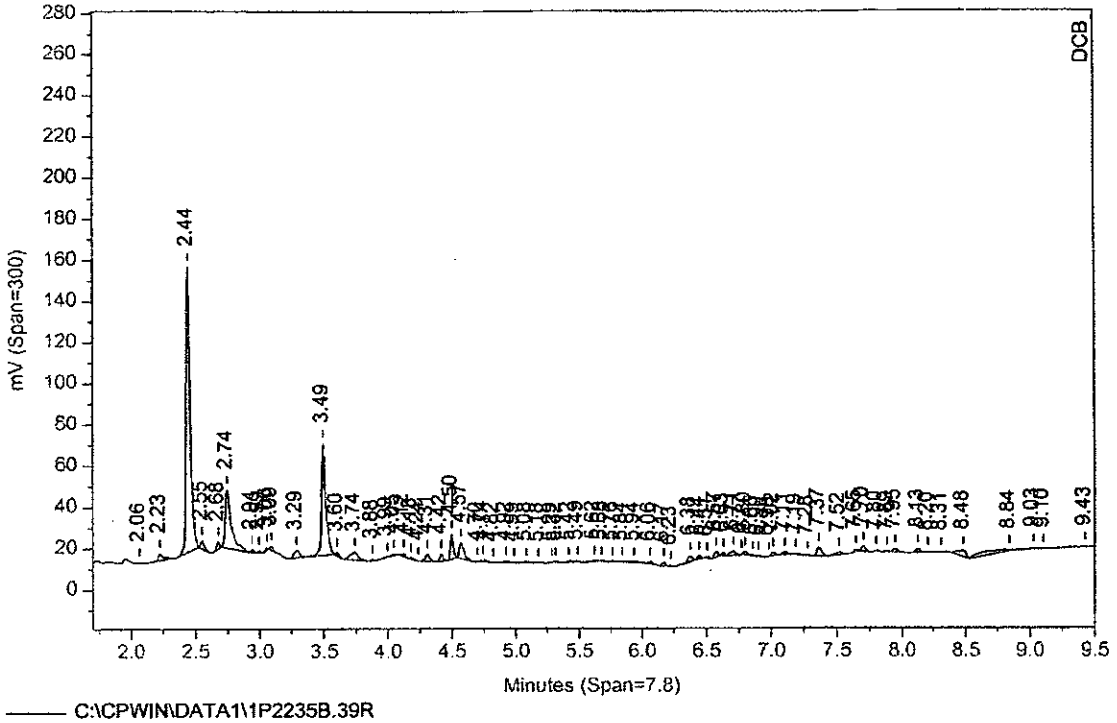
Dilution Factor: 1

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

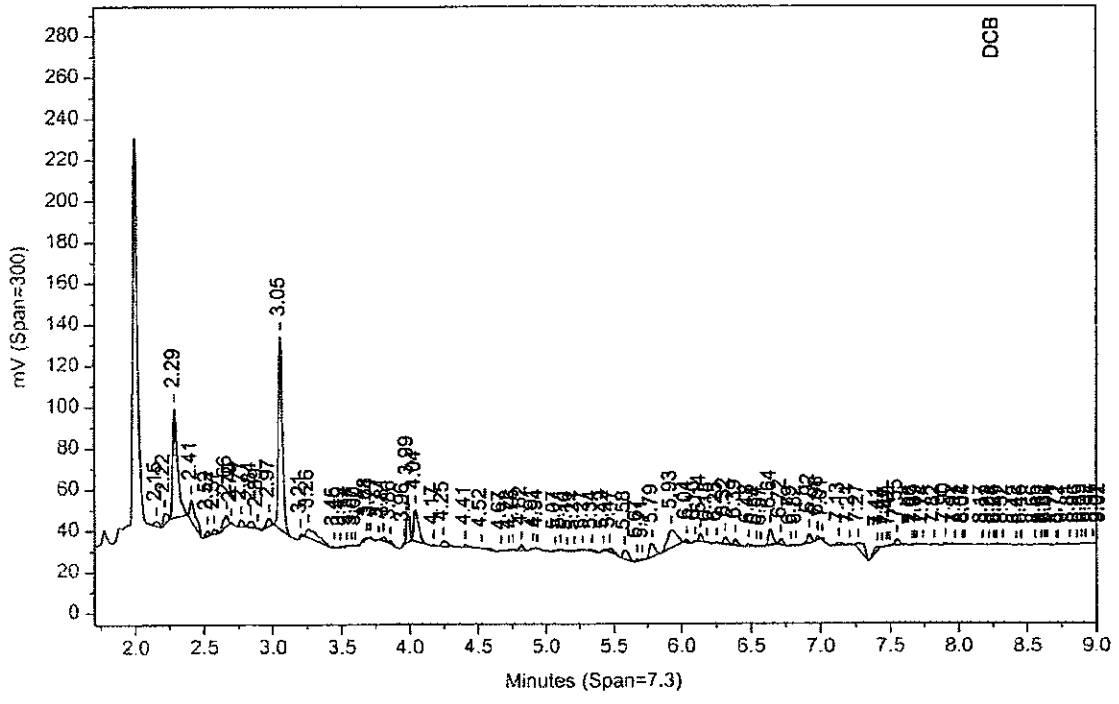
Files:
Area File: C:\CPWIN\DATA1\1P2235.39A
Area File: C:\CPWIN\DATA1\1P2235B.39A
Method A: C:\CPWIN\DATA1\PESTD.MET
Method B: C:\CPWIN\DATA1\PESTDB.MET
Calibration File A: C:\CPWIN\DATA1\1P2235.CAL
Calibration File B: C:\CPWIN\DATA1\1P2235B.CAL
Format A: C:\CPWIN\DATA1\PESTD.FMTA
Format B: C:\CPWIN\DATA1\PESTD.FMTB
Area File Created On: 8/25/2008 11:41:12 AM
File Reported On: 8/25/2008 at 11:41:20 AM

10X REPLOTS

C:\CPWIN\DATA1\1P2235.39R



C:\CPWIN\DATA1\1P2235B.39R



ASX05 0978

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

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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

ASX05 0980

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

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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

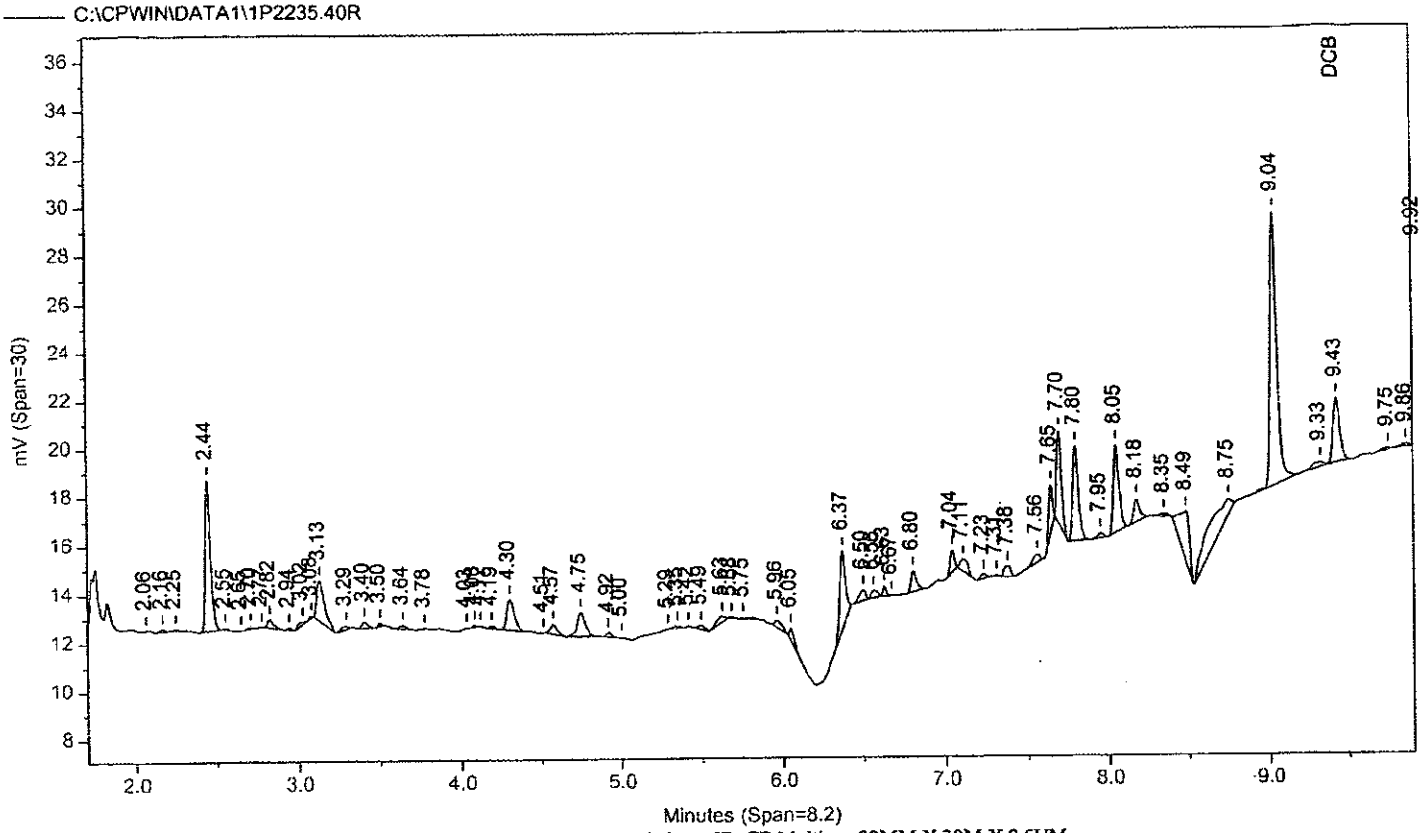
ASX05 0982

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

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\1P2235.40R

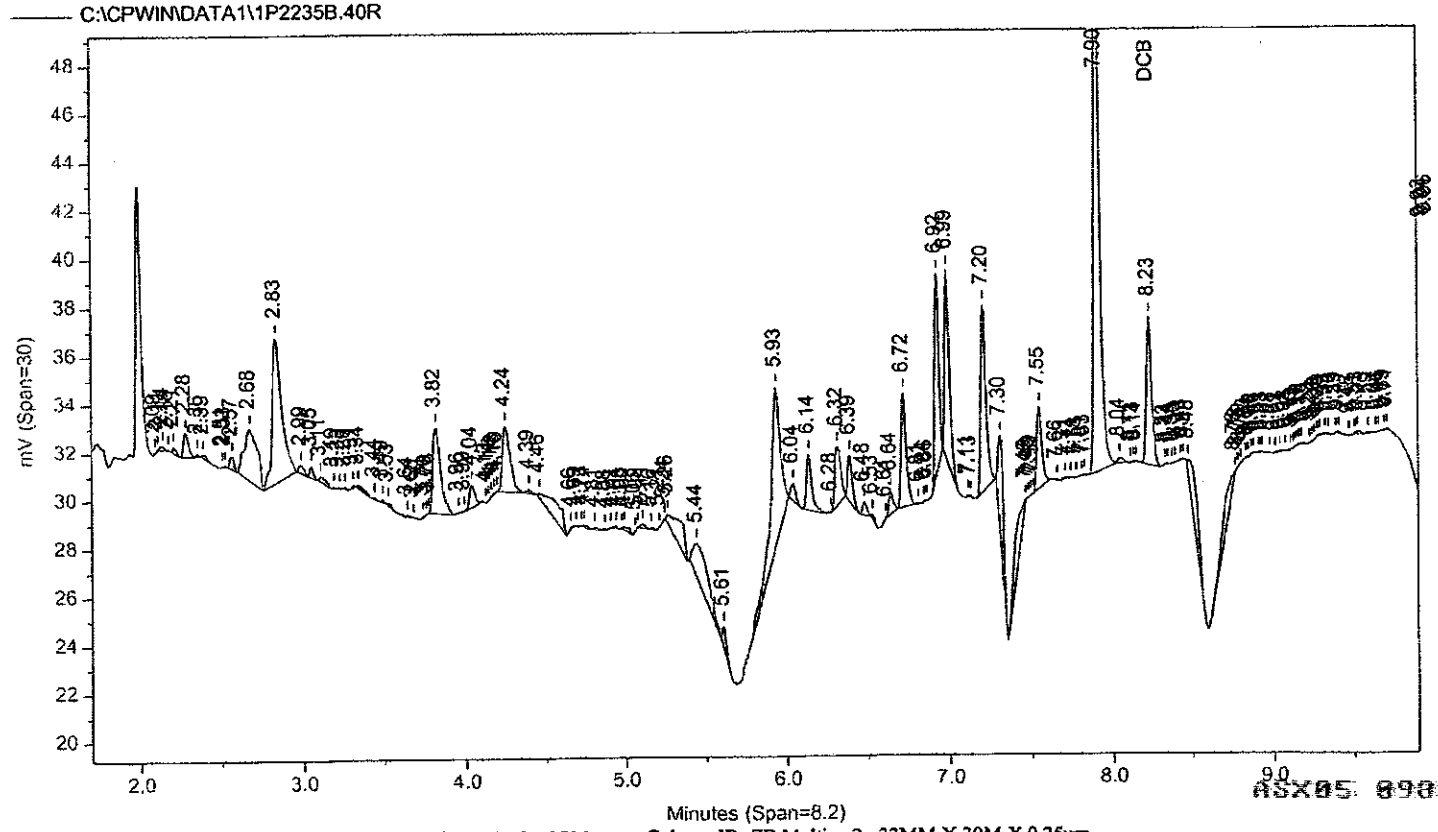
C:\CPWIN\DATA1\1P2235.40R



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

C:\CPWIN\DATA1\1P2235B.40R



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

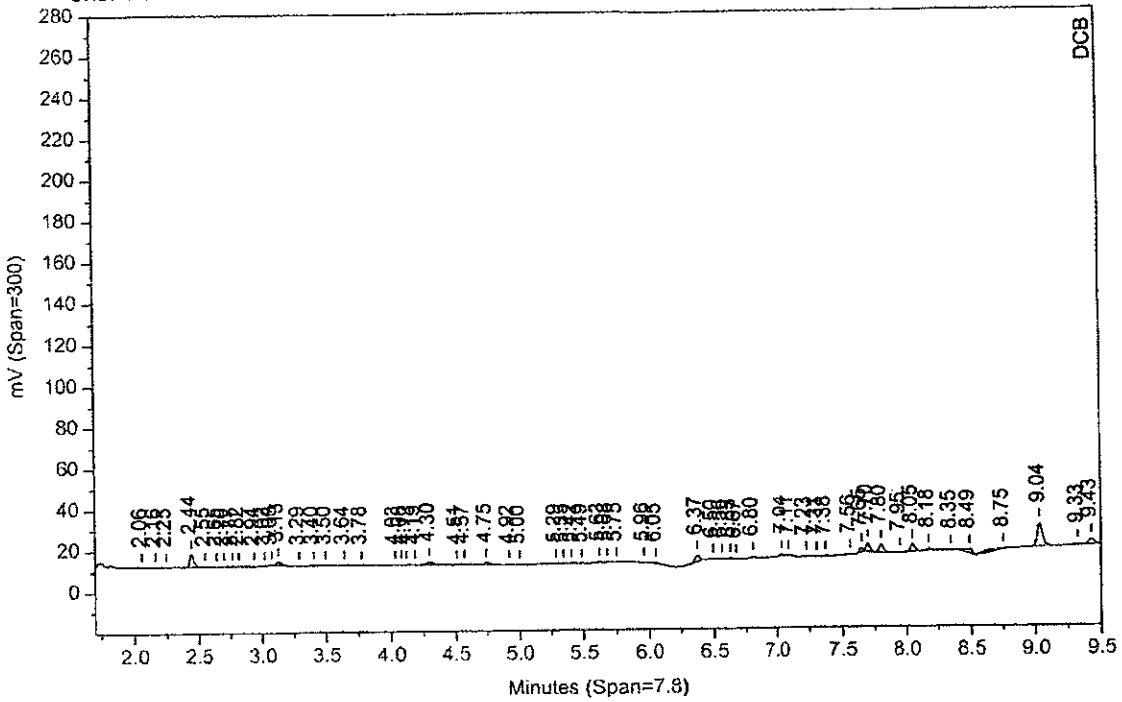
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
9.429	2648	1.15834	DCB	8.227	6098	1.32596	DCB

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

ASX05 8985

C:\CPWIN\DATA1\1P2235.40R



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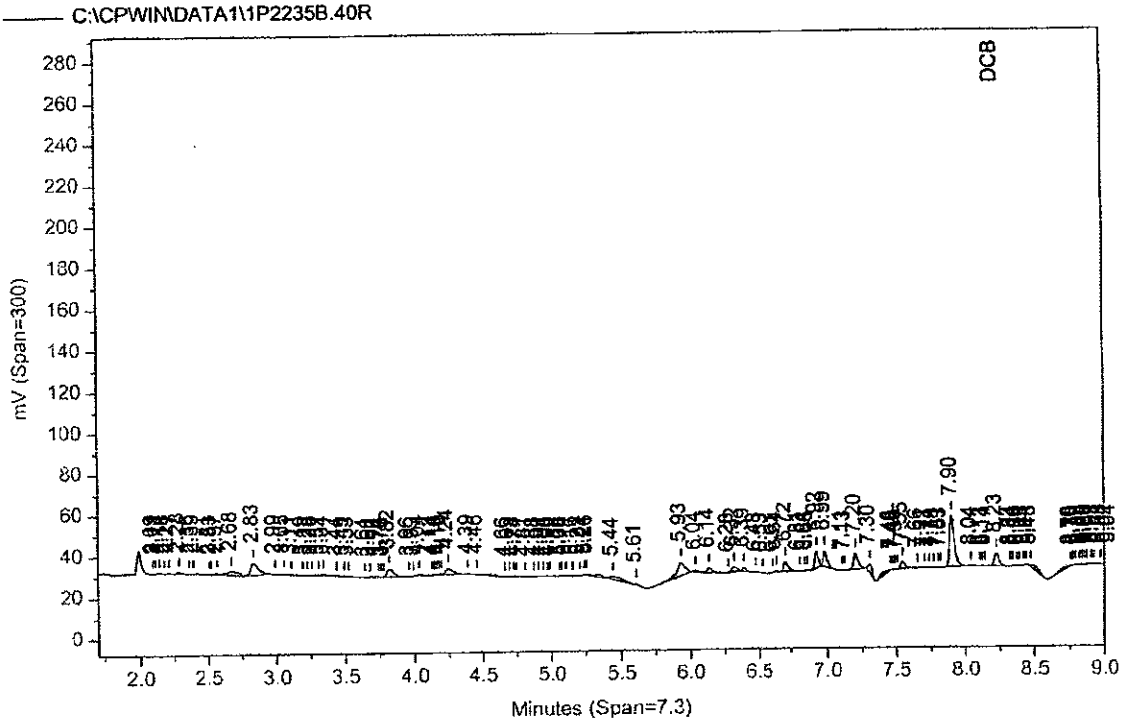


ASX05 0986

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

ASX85 0987

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

ASX05 0989

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

aSX85 6989

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

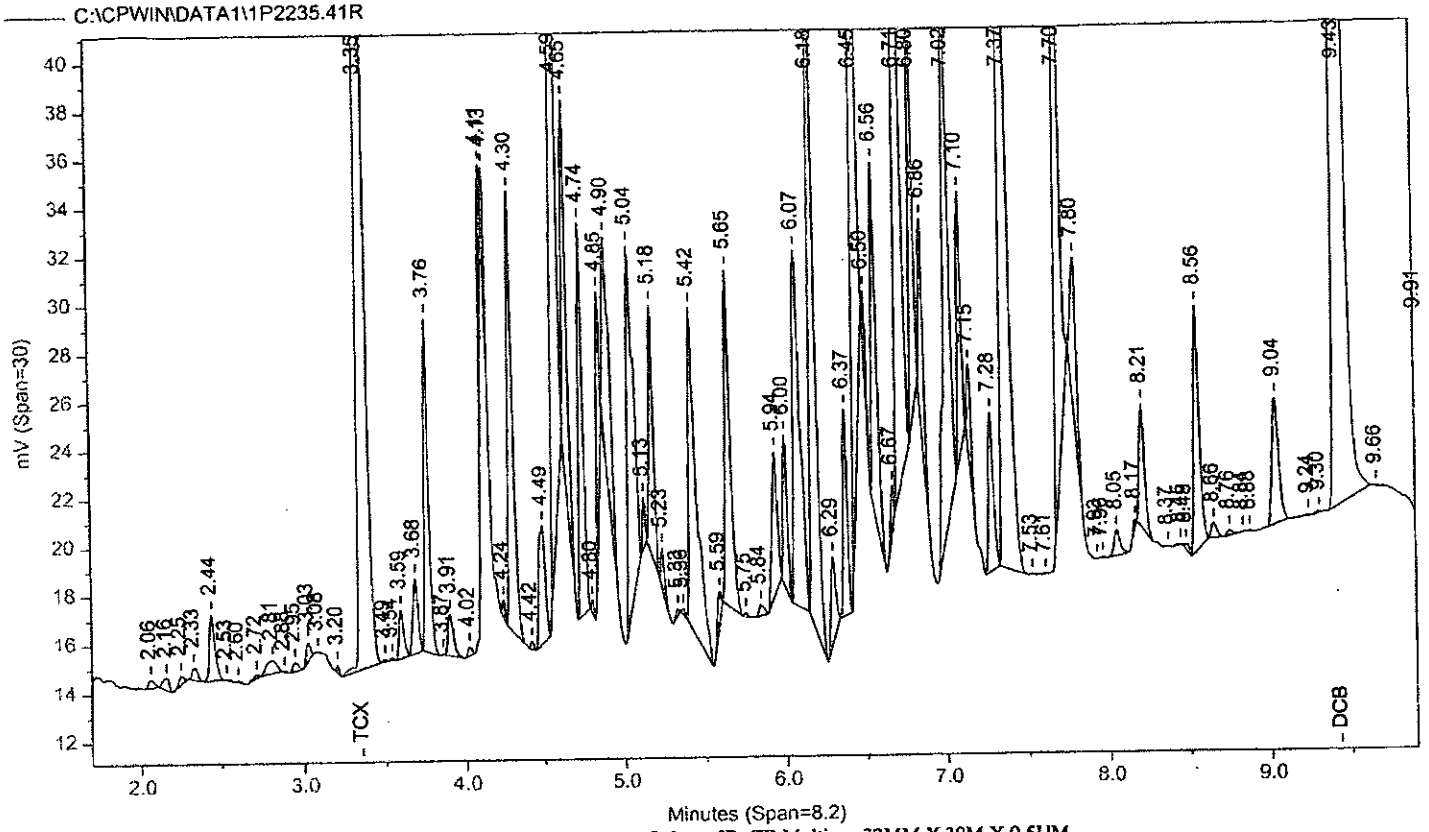
Total Area = 3196263.0, Total Amount = 81.56, Total Height = 1377443.0, Sample Units = ug/l

ASX05 0990

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

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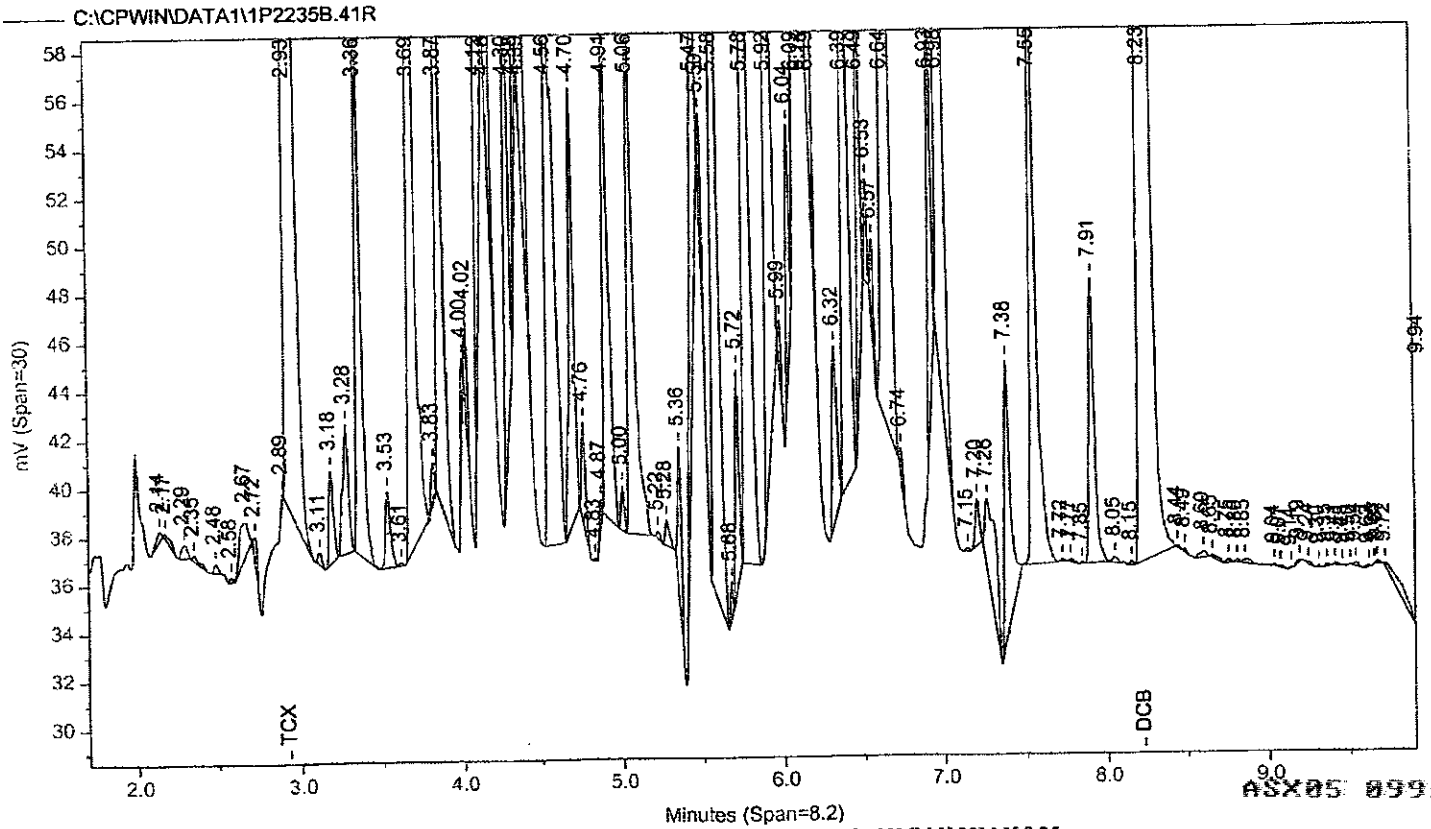


Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:45:03 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

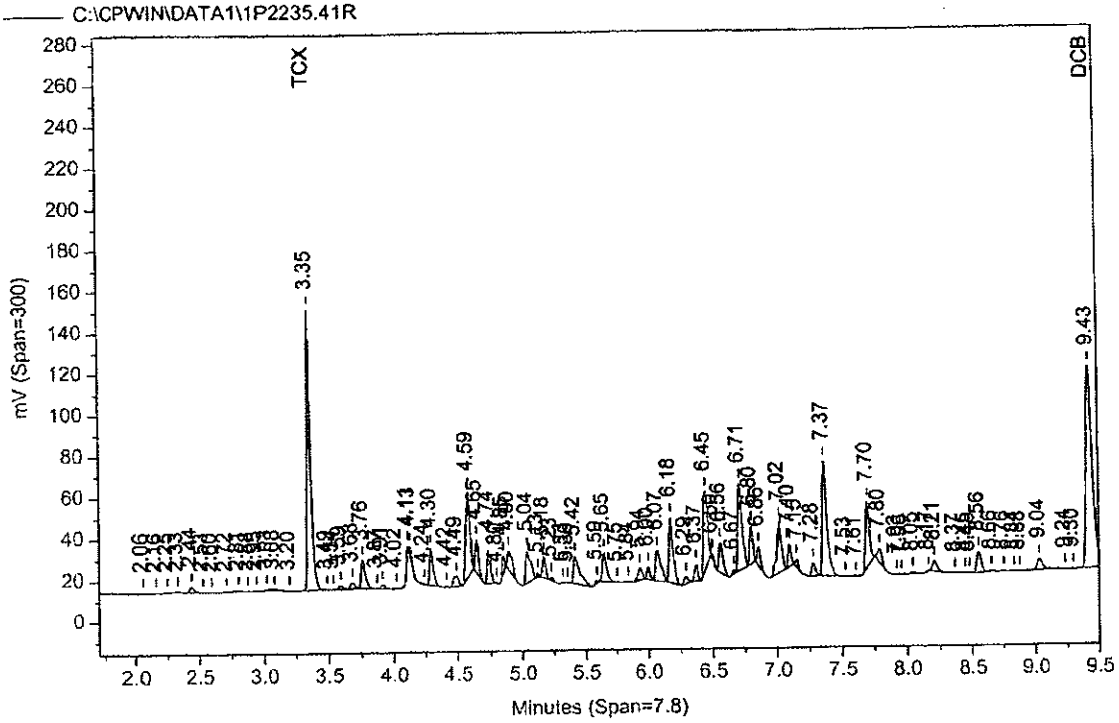
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	136384	42.77074	TCX	2.929	214310	40.22839	TCX
9.429	97823	42.78667	DCB	8.231	190097	41.33189	DCB

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

ASX05 0992

C:\CPWIN\DATA1\1P2235.41R



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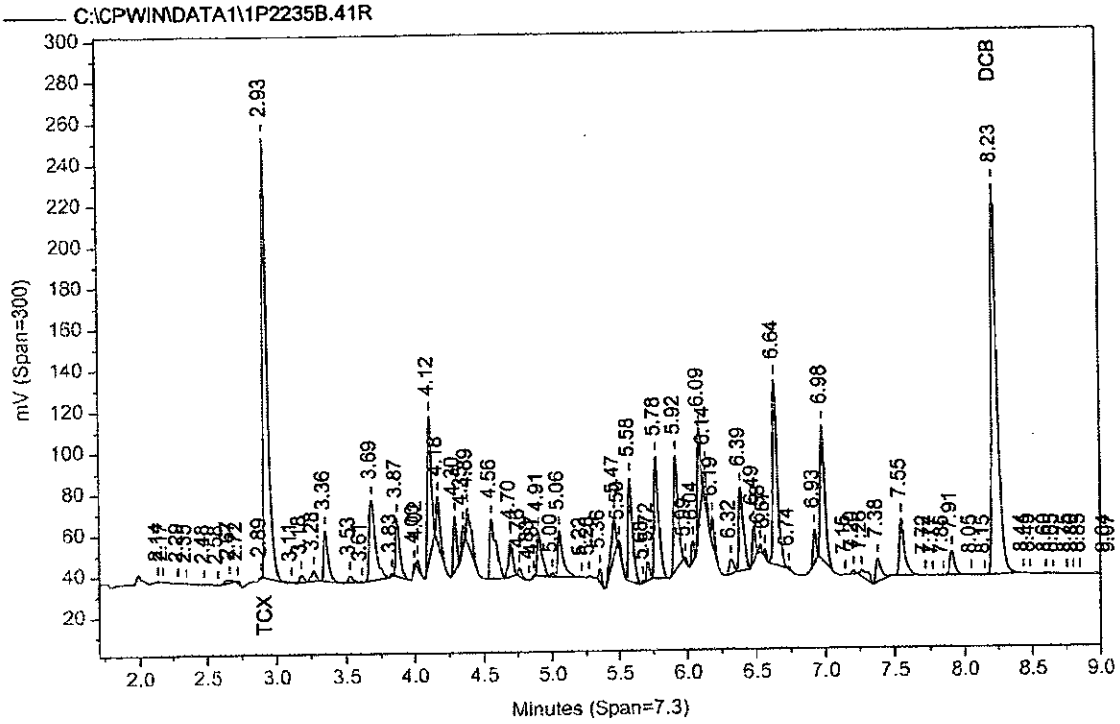

ASX05 0993

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

ASX05: 0994

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

ASX05 0035

ASX05 0996

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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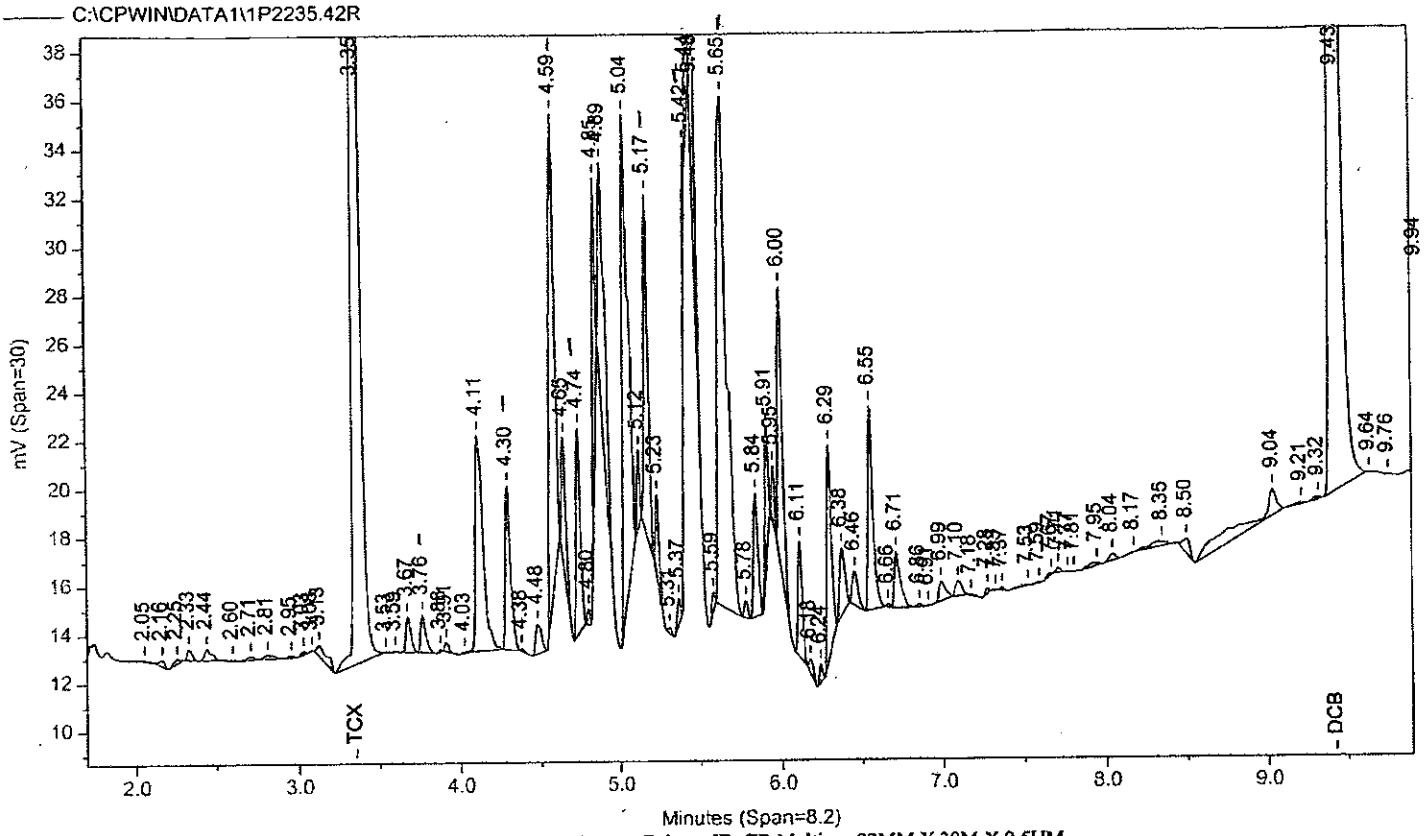
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.219		0.0000	0.000	150.2	0.008	BB	0.021	121.68	0.015
64	7.303		0.0000	0.000	3662.8	0.198	BB	0.054	1133.98	0.138
65	7.447		0.0000	0.000	3823.1	0.206	BB	0.102	623.71	0.076
66	7.553		0.0000	0.000	814.3	0.044	BB	0.061	221.03	0.027
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

ASX05 0998

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

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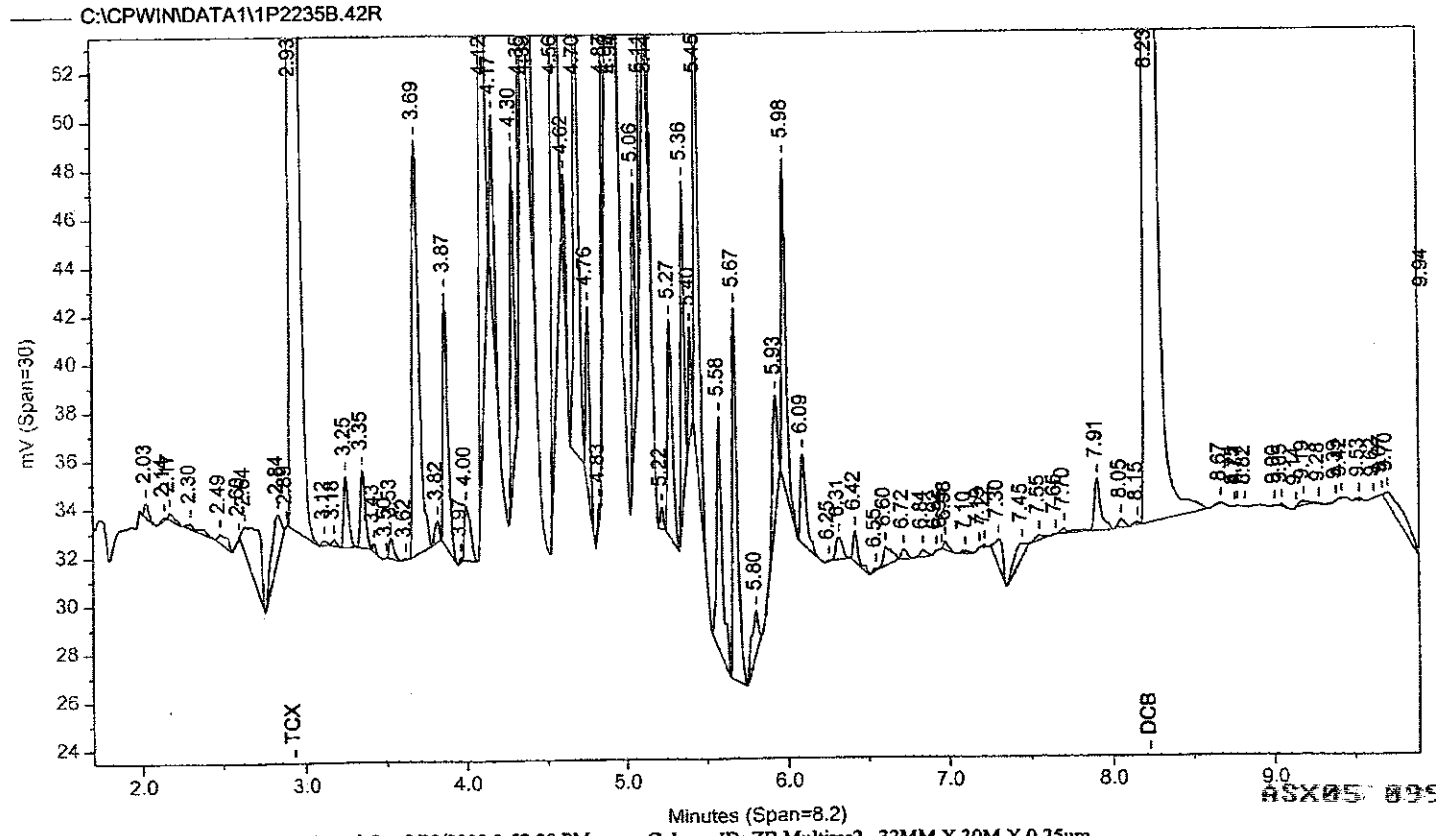


Instrument ID: CP02--H2601B Injected On: 8/23/2008 9:59:28 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

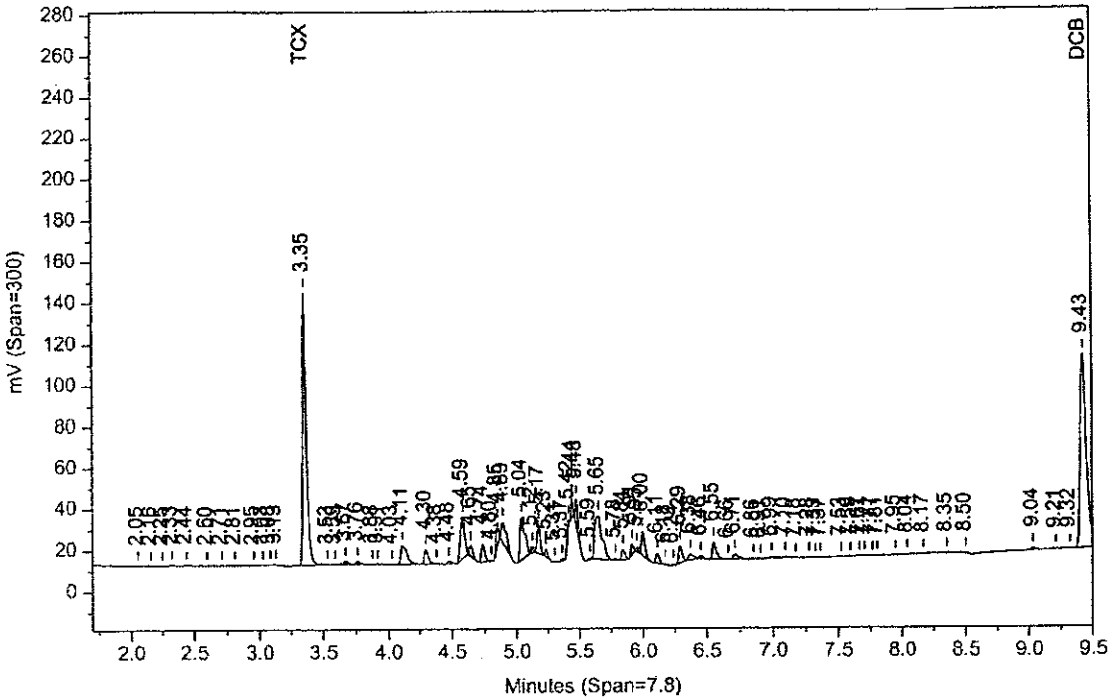
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	132795	41.64532	TCX	2.929	216491	40.63791	TCX
9.428	94411	41.29467	DCB	8.228	183133	39.81778	DCB

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

ASX05 1008

C:\CPWIN\DATA1\1P2235.42R



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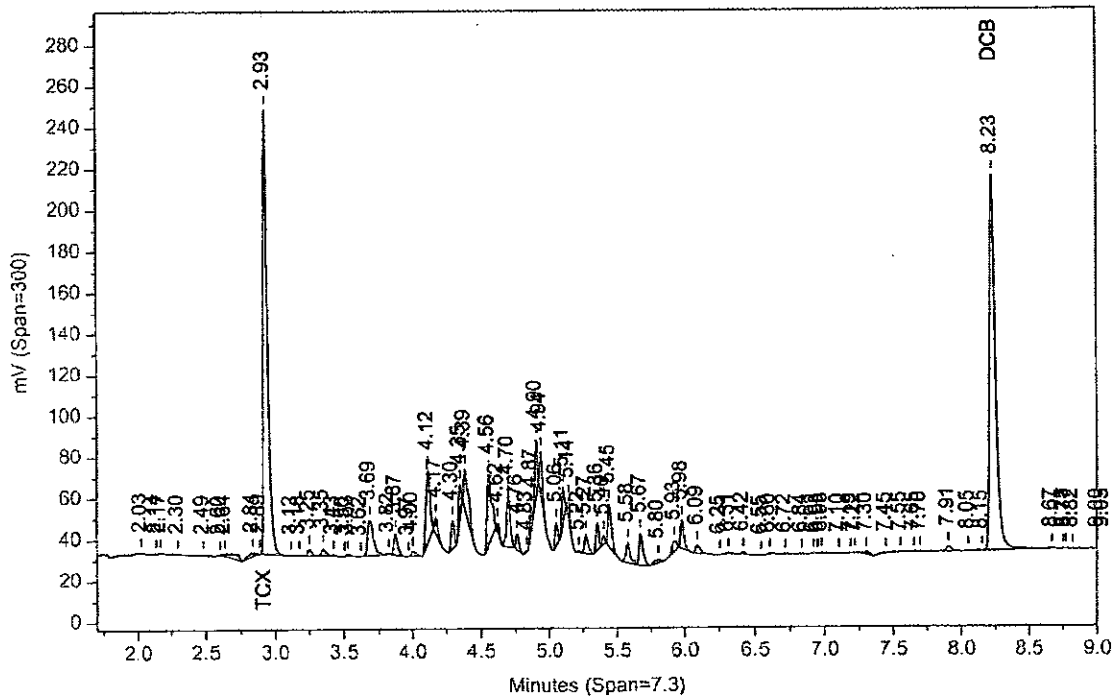


ASX05 1001

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

0SX05 1002

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

ASX05 1003

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

ASX05 1004

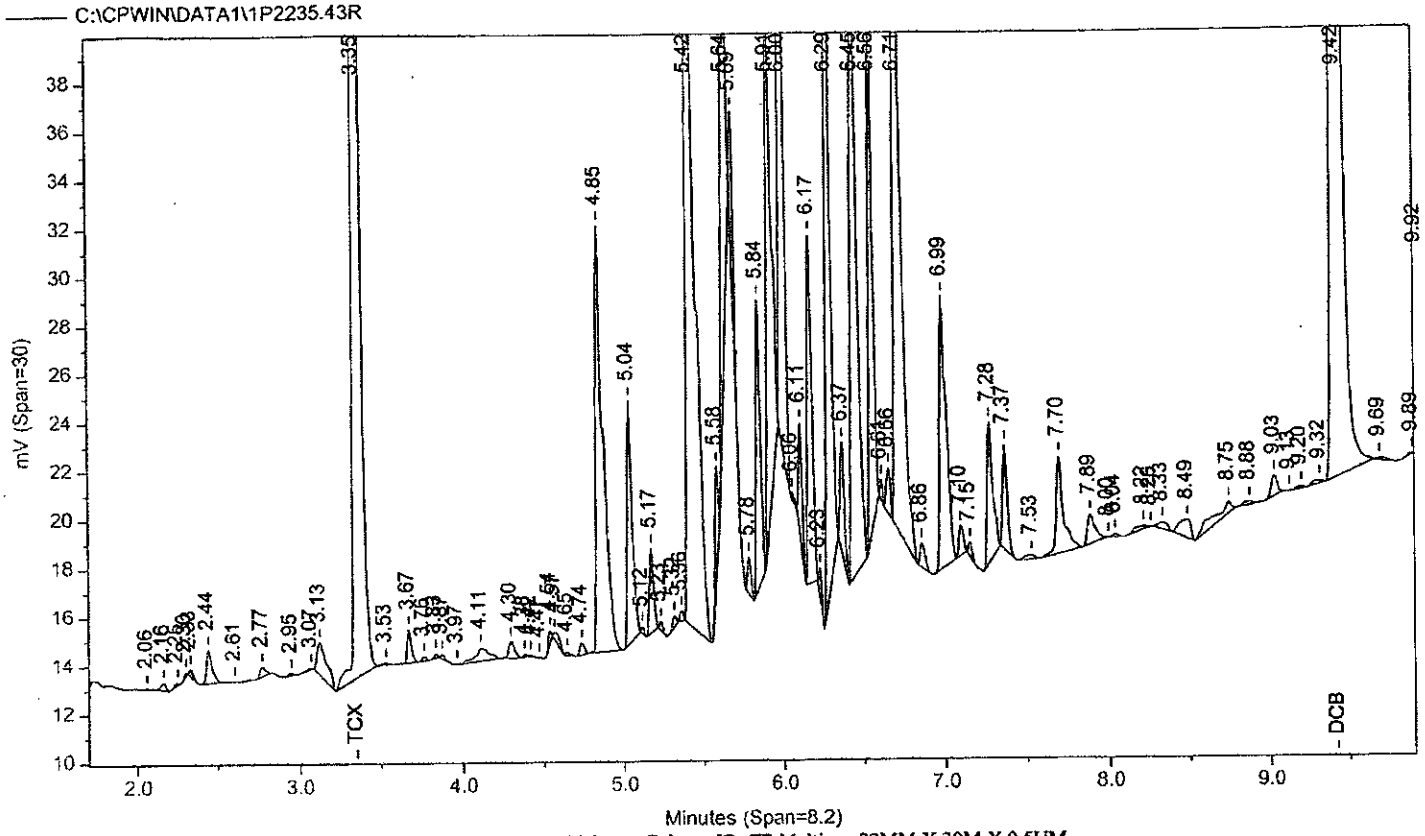
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.979		0.0000	0.000	15150.3	0.620	BB	0.035	7226.28	0.707
64	7.132		0.0000	0.000	5754.2	0.236	BB	0.043	2255.54	0.221
65	7.206		0.0000	0.000	66.2	0.003	BB	0.014	81.67	0.008
66	7.266		0.0000	0.000	848.3	0.035	BB	0.031	456.83	0.045
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

ASX05 1005

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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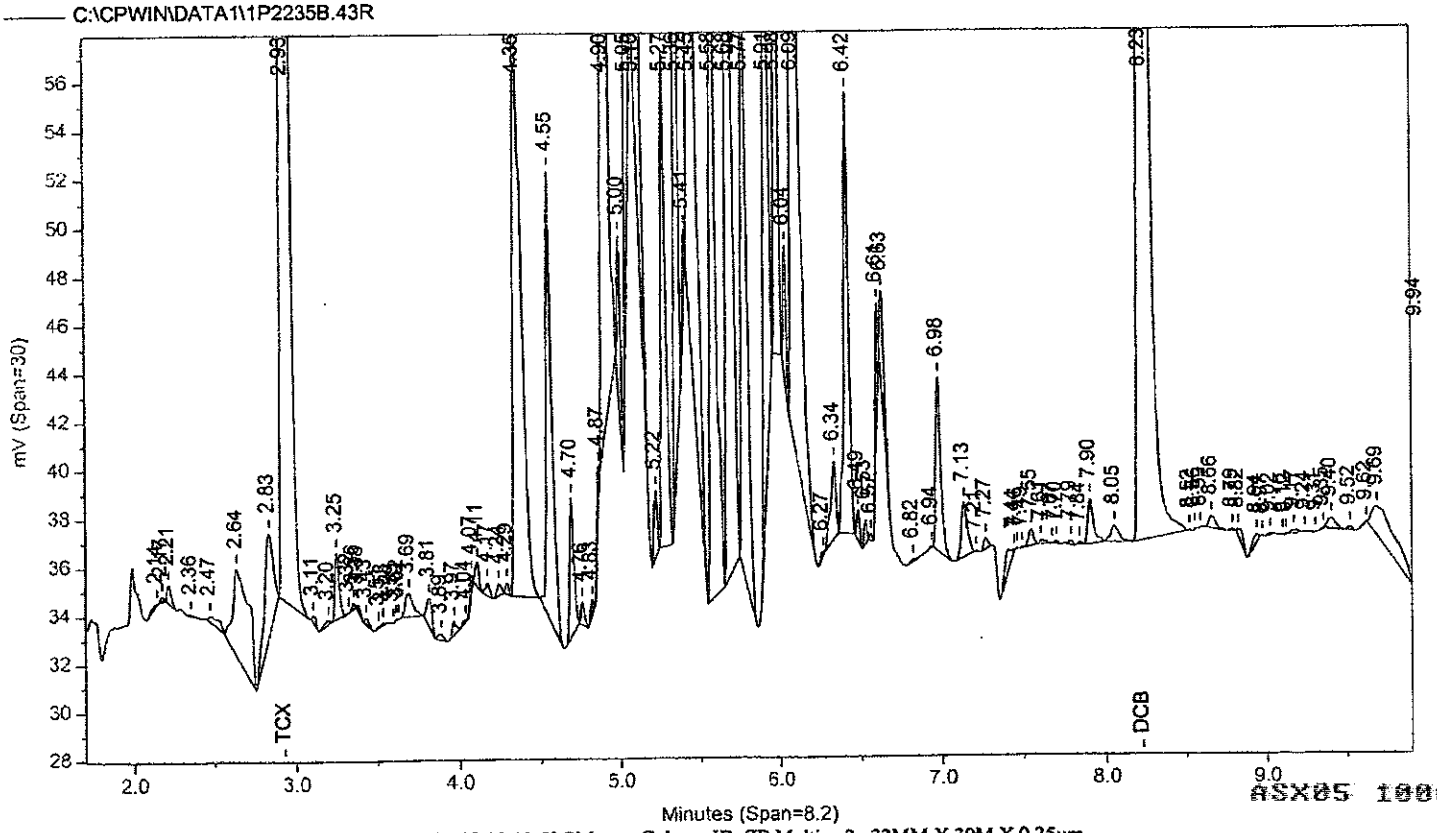


ASX05 1006

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

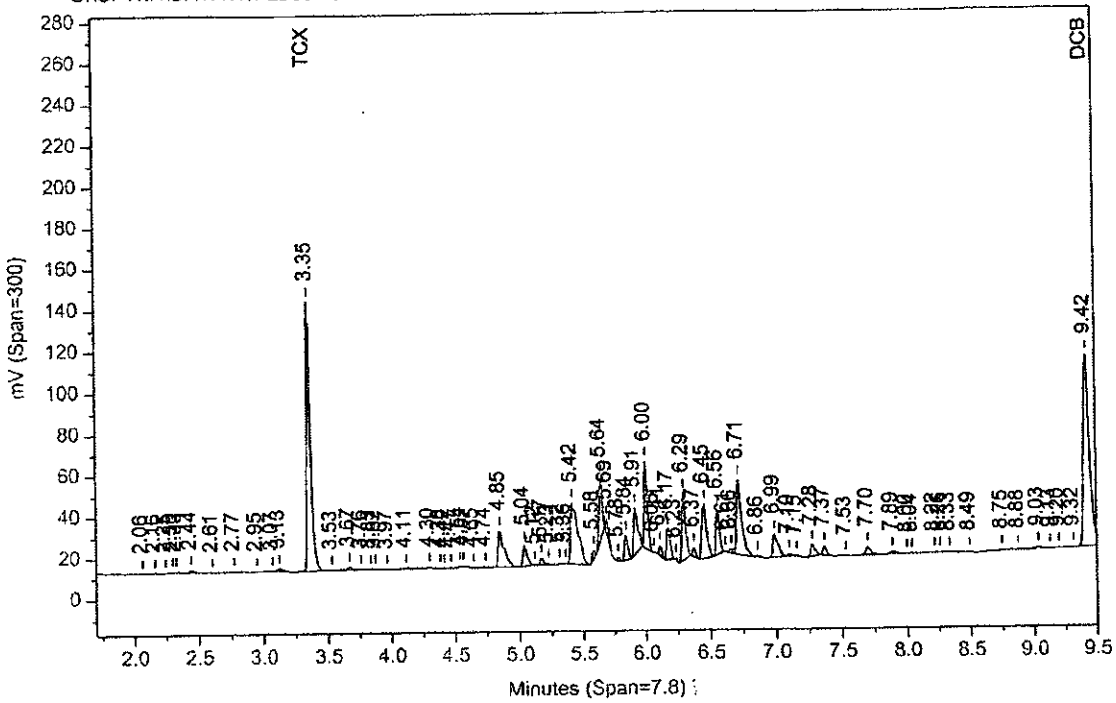
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.354	130741	41.00113	TCX	2.929	209625	39.34903	TCX
9.424	92982	40.66964	DCB	8.226	181049	39.36455	DCB

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

ASX05 1087

C:\CPWIN\DATA1\1P2235.43R



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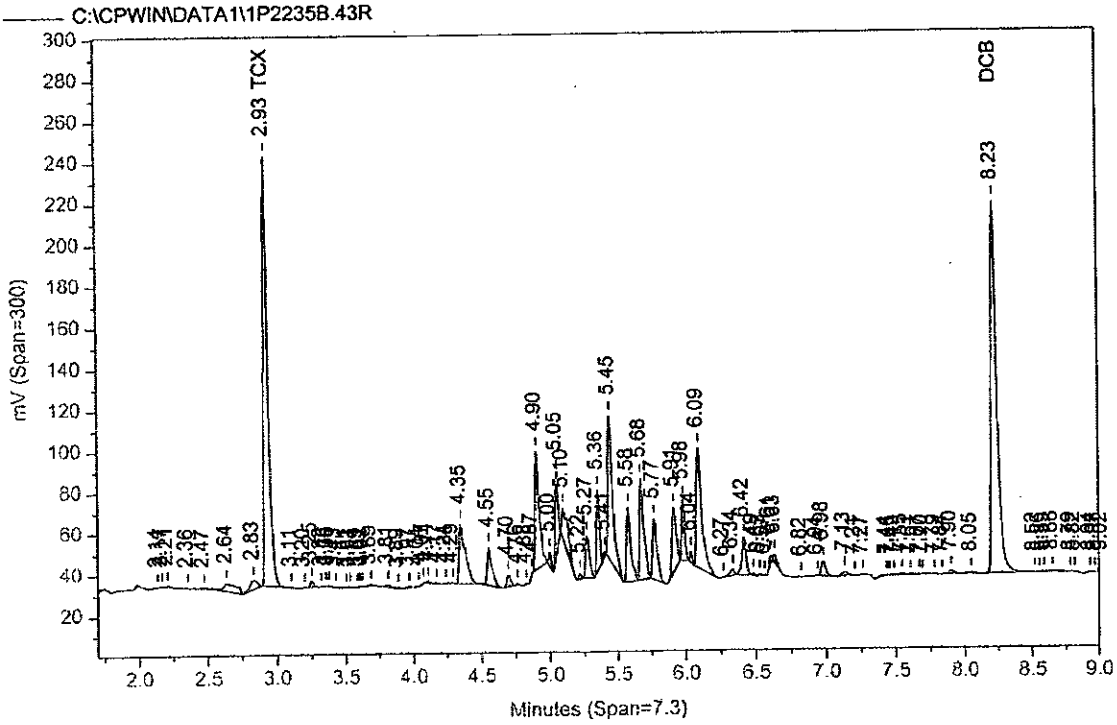


ASX05 1008

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

ASX05 1009

AR1630824A DBAR163DB CCAL 0823899999

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

ASX05 1010

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

ASX05 1011

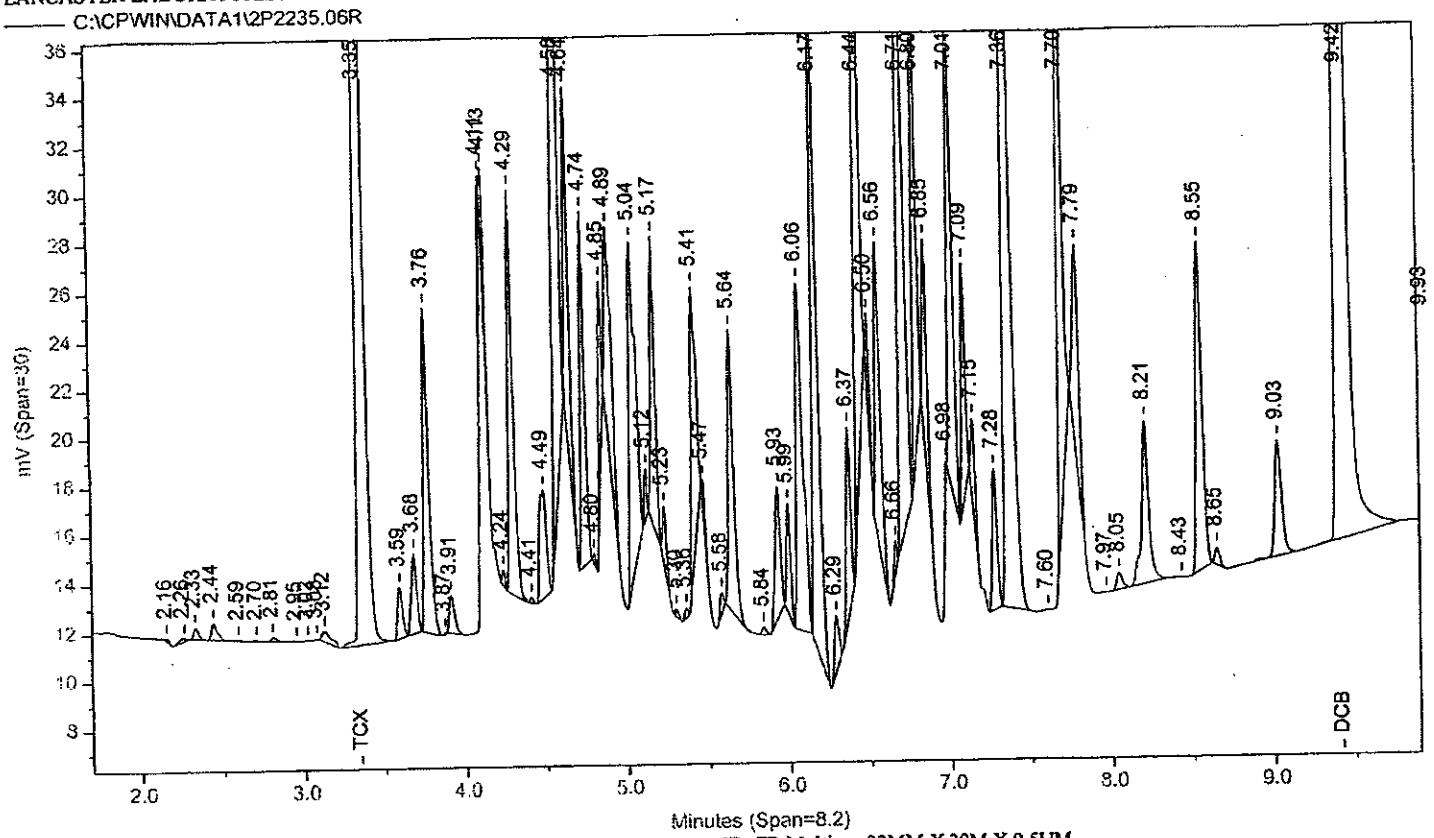
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.255		0.0000	0.000	1728.1	0.056	BB	0.024	1177.55	0.086
64	7.291		0.0000	0.000	2043.9	0.066	BB	0.040	860.77	0.063
65	7.372		0.0000	0.000	27575.0	0.889	BB	0.038	11969.33	0.869
66	7.542		0.0000	0.000	81328.5	2.621	BB	0.044	30952.08	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

ASX05 1012

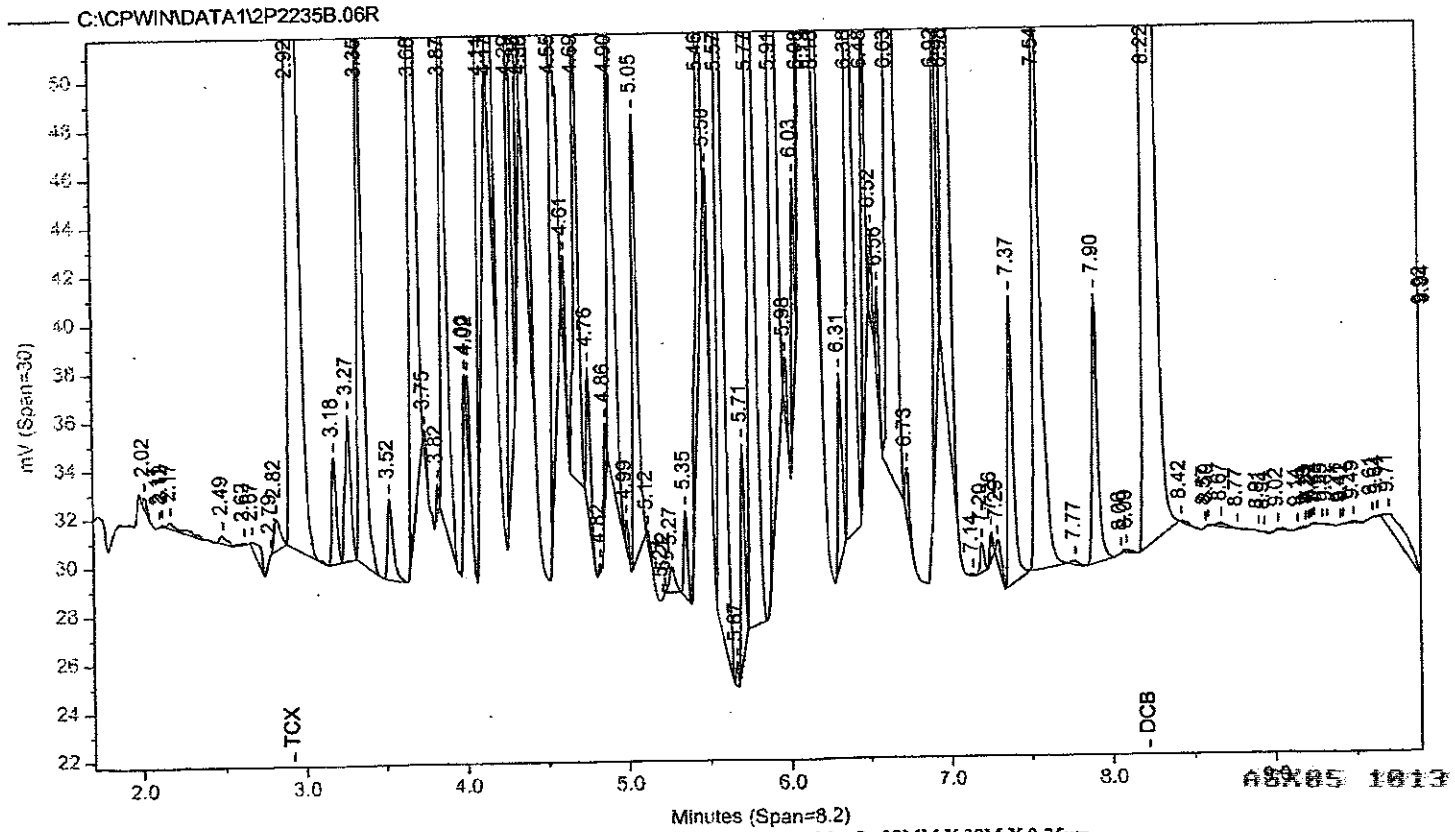
LANCASTER LABORATORIES

File: 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



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
3.35	136580	42.83221	TCX
9.418	99093	43.34238	DCB

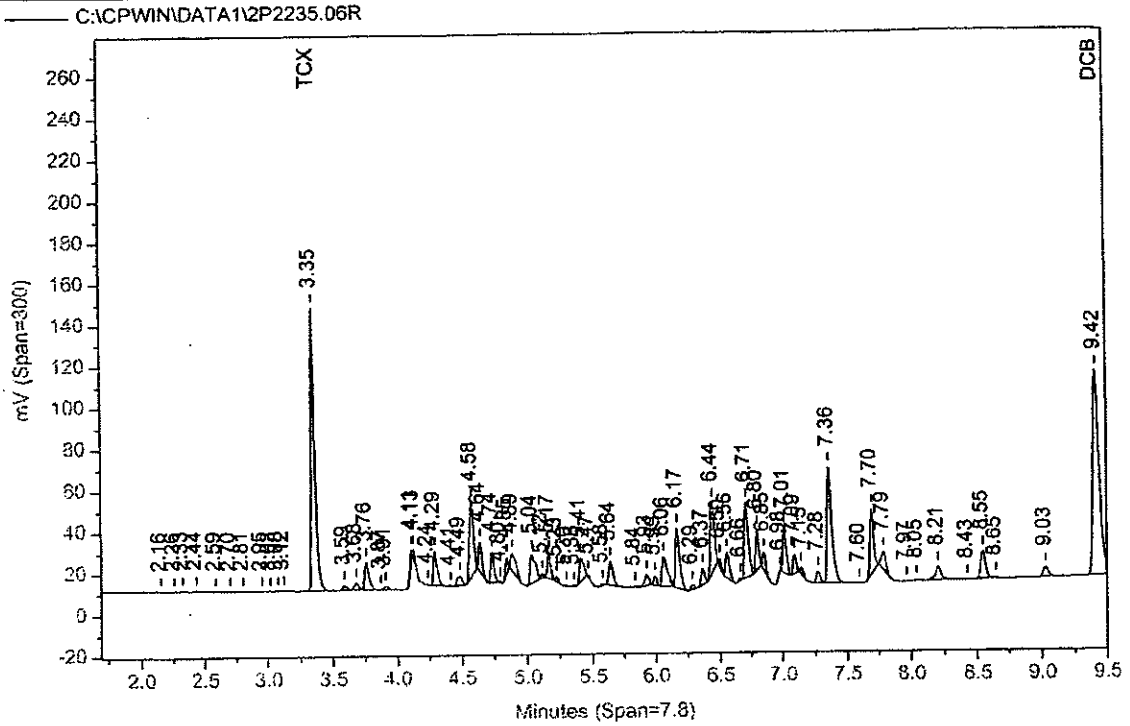
RT B	Height B	Amount B	Compound B
2.924	227035	42.61711	TCX
8.22	191744	41.6901	DCB

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

ASX05 1014

C:\CPWIN\DATA1\2P2235.06R



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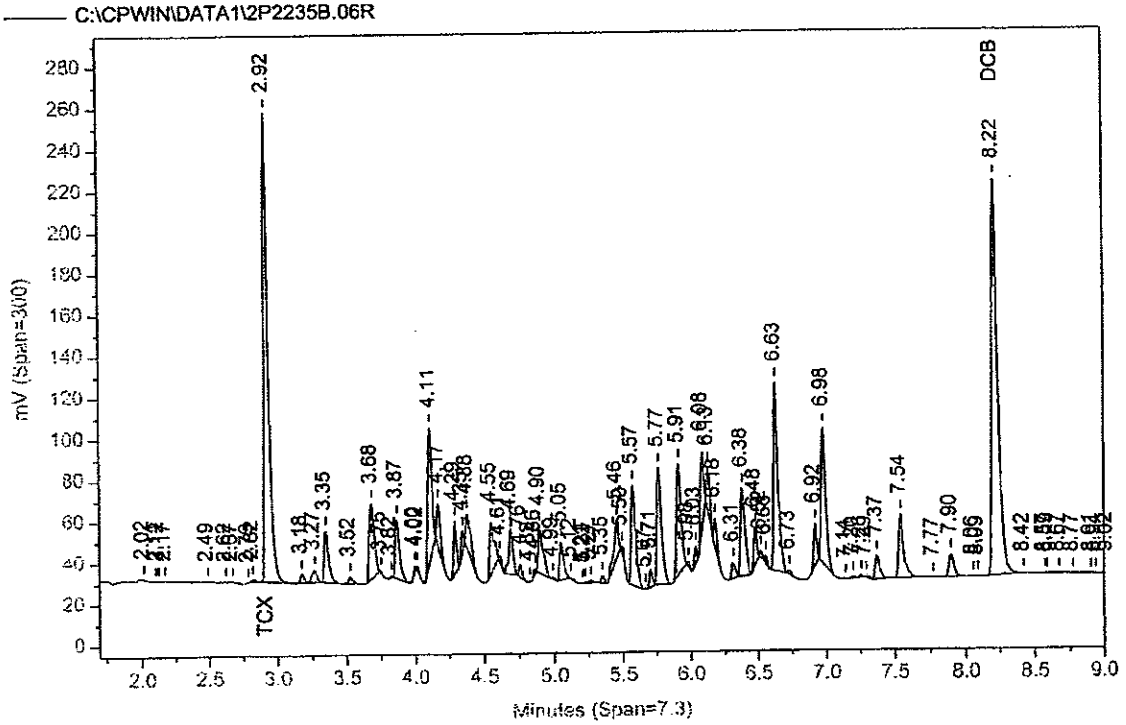


ASX85 1015

Sample Name: **AR1630824A FMAR163FM CCAL 0824799999**
Acquired from CP02--H2601A via port 1 on 9/4/08 06:58:51pm 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\8P2235.36R**
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	2.054		0.0000	0.000	153.4	0.008	BB	0.040	63.12	0.009
2	2.154		0.0000	0.000	1056.1	0.058	BB	0.047	377.68	0.051
3	2.250		0.0000	0.000	1290.9	0.070	BB	0.046	472.46	0.064
4	2.334		0.0000	0.000	1037.4	0.057	BB	0.044	389.02	0.053
5	2.436		0.0000	0.000	16938.8	0.923	BB	0.038	7509.94	1.020
6	2.536		0.0000	0.000	150.9	0.008	BB	0.035	72.52	0.010
7	2.701		0.0000	0.000	246.4	0.013	BB	0.038	108.38	0.015
8	2.802		0.0000	0.000	1610.5	0.088	BB	0.054	497.76	0.068
9	2.897		0.0000	0.000	36.8	0.002	BB	0.024	26.00	0.004
10	2.967		0.0000	0.000	392.6	0.021	BB	0.046	143.30	0.019
11	3.029		0.0000	0.000	895.9	0.049	BB	0.034	435.56	0.059
12	3.084		0.0000	0.000	5530.9	0.301	BB	0.147	628.39	0.085
13	3.351	TCX	41.2789	50.946	276163.3	15.052	BB	0.035	131626.80	17.882
14	3.535		0.0000	0.000	68.7	0.004	BB	0.021	54.62	0.007
15	3.591		0.0000	0.000	3700.3	0.202	BB	0.035	1768.44	0.240
16	3.679		0.0000	0.000	6840.1	0.373	BB	0.038	3002.96	0.408
17	3.758		0.0000	0.000	28099.3	1.532	BB	0.037	12523.16	1.701
18	3.870		0.0000	0.000	39.9	0.002	BB	0.013	51.01	0.007
19	3.909		0.0000	0.000	3041.0	0.166	BB	0.036	1420.18	0.193
20	4.027		0.0000	0.000	534.6	0.029	BB	0.033	270.54	0.037
21	4.107		0.0000	0.000	59482.8	3.242	BB	0.059	16917.86	2.298
22	4.239		0.0000	0.000	716.7	0.039	BB	0.020	608.63	0.083
23	4.292		0.0000	0.000	33090.8	1.804	BB	0.036	15187.54	2.063
24	4.413		0.0000	0.000	433.8	0.024	BB	0.025	286.68	0.039
25	4.488		0.0000	0.000	12216.8	0.666	BB	0.047	4344.79	0.590
26	4.581		0.0000	0.000	79188.2	4.316	BB	0.039	34254.99	4.654
27	4.642		0.0000	0.000	23843.8	1.300	BB	0.029	13495.77	1.833
28	4.736		0.0000	0.000	25340.6	1.381	BB	0.031	13572.12	1.844
29	4.798		0.0000	0.000	421.0	0.023	BB	0.019	379.19	0.052
30	4.847		0.0000	0.000	10461.5	0.570	BB	0.024	7189.90	0.977
31	4.890		0.0000	0.000	21215.0	1.156	BB	0.047	7468.47	1.015
32	5.036		0.0000	0.000	35231.8	1.920	BB	0.047	12440.21	1.690
33	5.119		0.0000	0.000	1933.4	0.105	BB	0.019	1667.75	0.227
34	5.170		0.0000	0.000	21513.4	1.173	BB	0.032	11173.48	1.518
35	5.228		0.0000	0.000	3137.8	0.171	BB	0.026	2034.11	0.276
36	5.302		0.0000	0.000	522.9	0.028	BB	0.031	282.38	0.038
37	5.358		0.0000	0.000	283.3	0.015	BB	0.018	261.26	0.035
38	5.414		0.0000	0.000	50675.4	2.762	BB	0.067	12659.97	1.720
39	5.580		0.0000	0.000	1304.8	0.071	BB	0.025	856.90	0.116
40	5.643		0.0000	0.000	23519.3	1.282	BB	0.040	9826.16	1.335
41	5.832		0.0000	0.000	230.0	0.013	BB	0.020	187.99	0.026
42	5.930		0.0000	0.000	10699.5	0.583	BB	0.039	4589.82	0.624
43	5.995		0.0000	0.000	6409.1	0.349	BB	0.029	3740.73	0.508
44	6.067		0.0000	0.000	36445.4	1.986	BB	0.049	12438.26	1.690
45	6.168		0.0000	0.000	60661.9	3.306	BB	0.039	26106.19	3.547
46	6.289		0.0000	0.000	4989.5	0.272	BB	0.038	2174.57	0.295
47	6.370		0.0000	0.000	8304.7	0.453	BB	0.031	4443.43	0.604
48	6.444		0.0000	0.000	68286.4	3.722	BB	0.037	31128.01	4.229
49	6.498		0.0000	0.000	3251.0	0.177	BB	0.019	2818.65	0.383
50	6.560		0.0000	0.000	23327.1	1.271	BB	0.037	10525.22	1.430
51	6.664		0.0000	0.000	1858.2	0.101	BB	0.023	1349.55	0.183
52	6.712		0.0000	0.000	71828.4	3.915	BB	0.037	32401.75	4.402
53	6.800		0.0000	0.000	30868.6	1.682	BB	0.029	17940.45	2.437
54	6.855		0.0000	0.000	12833.9	0.699	BB	0.027	7905.84	1.074
55	6.985		0.0000	0.000	1368.6	0.075	BB	0.035	653.22	0.089
56	7.017		0.0000	0.000	40533.4	2.209	BB	0.034	19862.30	2.698
57	7.098		0.0000	0.000	14374.5	0.783	BB	0.029	8286.80	1.126
58	7.152		0.0000	0.000	4544.3	0.248	BB	0.025	3070.17	0.417
59	7.280		0.0000	0.000	10132.5	0.552	BB	0.035	4878.69	0.663
60	7.366		0.0000	0.000	126935.9	6.919	BB	0.043	49642.75	6.744
61	7.542		0.0000	0.000	1174.8	0.064	BB	0.045	438.74	0.060
62	7.700		0.0000	0.000	58852.4	3.208	BB	0.035	27959.11	3.798

ASX85 1016

AR1630824A FMAR163FM CCAL 0824799999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.797		0.0000	0.000	18197.4	0.992	BB	0.038	7929.95	1.077
64	7.955		0.0000	0.000	118.3	0.006	BB	0.026	75.74	0.010
65	8.057		0.0000	0.000	3696.7	0.201	BB	0.045	1361.52	0.185
66	8.167		0.0000	0.000	464.8	0.025	BB	0.037	210.00	0.029
67	8.210		0.0000	0.000	10103.6	0.551	BB	0.038	4474.07	0.608
68	8.550		0.0000	0.000	34811.0	1.897	BB	0.043	13378.04	1.817
69	8.652		0.0000	0.000	860.2	0.047	BB	0.035	413.10	0.056
70	8.874		0.0000	0.000	86375.5	4.708	BB	0.090	15950.01	2.167
71	9.030		0.0000	0.000	5822.5	0.317	BB	0.039	2498.73	0.339
72	9.423	DCB	39.7464	49.054	323954.3	17.657	BB	0.059	90871.71	12.345
73	9.777		0.0000	0.000	49.1	0.003	BB	0.022	37.99	0.005

Total Area = 1834724.0, Total Amount = 81.025, Total Height = 736093.0, Sample Units = ug/l

ASX05 1017

Sample Name: **AR1630824A FMAR163FM CCAL 0824799999**
Acquired from CP02--H2601B via port 2 on 9/4/08 06:58:51pm 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\8P2235B.36R**
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	2.096		0.0000	0.000	538.6	0.012	BB	0.020	453.59	0.027
2	2.150		0.0000	0.000	4681.3	0.107	BB	0.077	1010.09	0.060
3	2.246		0.0000	0.000	71.7	0.002	BB	0.005	252.36	0.015
4	2.624		0.0000	0.000	168.7	0.004	BB	0.027	103.90	0.006
5	2.646		0.0000	0.000	173.8	0.004	BB	0.012	246.79	0.015
6	2.679		0.0000	0.000	7674.3	0.175	BB	0.109	1168.42	0.070
7	2.798		0.0000	0.000	1232.2	0.028	BB	0.043	475.05	0.028
8	2.831		0.0000	0.000	761.1	0.017	BB	0.035	358.99	0.021
9	2.924	TCX	40.2127	51.993	508968.8	11.624	BB	0.040	214226.30	12.785
10	3.120		0.0000	0.000	645.0	0.015	BB	0.021	520.26	0.031
11	3.176		0.0000	0.000	7474.7	0.171	BB	0.034	3687.25	0.220
12	3.266		0.0000	0.000	13833.2	0.316	BB	0.043	5311.69	0.317
13	3.348		0.0000	0.000	53336.3	1.218	BB	0.039	22701.23	1.355
14	3.480		0.0000	0.000	138.9	0.003	BB	0.007	319.51	0.019
15	3.499		0.0000	0.000	195.2	0.004	BB	0.026	125.75	0.008
16	3.522		0.0000	0.000	5348.9	0.122	BB	0.036	2501.44	0.149
17	3.607		0.0000	0.000	761.0	0.017	BB	0.024	533.57	0.032
18	3.681		0.0000	0.000	110672.6	2.528	BB	0.053	34934.86	2.085
19	3.825		0.0000	0.000	974.1	0.022	BB	0.020	831.80	0.050
20	3.864		0.0000	0.000	60609.9	1.384	BB	0.038	26378.59	1.574
21	3.996		0.0000	0.000	2366.4	0.054	BB	0.032	1219.89	0.073
22	4.013		0.0000	0.000	3358.5	0.077	BB	0.021	2640.83	0.158
23	4.110		0.0000	0.000	123322.9	2.816	BB	0.035	58188.80	3.473
24	4.168		0.0000	0.000	34614.7	0.791	BB	0.031	18723.02	1.117
25	4.288		0.0000	0.000	38089.9	0.870	BB	0.028	22942.88	1.369
26	4.345		0.0000	0.000	11892.0	0.272	BB	0.023	8443.39	0.504
27	4.379		0.0000	0.000	34104.4	0.779	BB	0.037	15217.20	0.908
28	4.548		0.0000	0.000	50507.7	1.154	BB	0.038	22223.00	1.326
29	4.612		0.0000	0.000	3810.8	0.087	BB	0.018	3556.23	0.212
30	4.663		0.0000	0.000	939.7	0.021	BB	0.024	652.47	0.039
31	4.690		0.0000	0.000	27677.7	0.632	BB	0.028	16368.04	0.977
32	4.757		0.0000	0.000	9413.4	0.215	BB	0.030	5270.62	0.315
33	4.828		0.0000	0.000	201.4	0.005	BB	0.011	309.26	0.018
34	4.863		0.0000	0.000	2907.3	0.066	BB	0.022	2207.13	0.132
35	4.897		0.0000	0.000	48969.5	1.118	BB	0.039	20925.79	1.249
36	4.988		0.0000	0.000	1083.9	0.025	BB	0.025	708.96	0.042
37	5.049		0.0000	0.000	53465.2	1.221	BB	0.051	17333.79	1.035
38	5.230		0.0000	0.000	181.4	0.004	BB	0.020	152.92	0.009
39	5.249		0.0000	0.000	174.7	0.004	BB	0.011	263.46	0.016
40	5.278		0.0000	0.000	487.2	0.011	BB	0.026	311.43	0.019
41	5.297		0.0000	0.000	92.2	0.002	BB	0.007	218.61	0.013
42	5.347		0.0000	0.000	5456.5	0.125	BB	0.030	2991.74	0.179
43	5.457		0.0000	0.000	28550.4	0.652	BB	0.042	11356.64	0.678
44	5.509		0.0000	0.000	38850.6	0.887	BB	0.040	16339.04	0.975
45	5.577		0.0000	0.000	26058.5	0.595	BB	0.027	15933.19	0.951
46	5.642		0.0000	0.000	322895.1	7.374	BB	0.065	82307.77	4.912
47	5.766		0.0000	0.000	161729.1	3.694	BB	0.040	66760.12	3.984
48	5.910		0.0000	0.000	115110.5	2.629	BB	0.039	49027.77	2.926
49	5.979		0.0000	0.000	1354.1	0.031	BB	0.016	1427.40	0.085
50	6.038		0.0000	0.000	10534.5	0.241	BB	0.024	7207.14	0.430
51	6.086		0.0000	0.000	51970.3	1.187	BB	0.027	31924.87	1.905
52	6.127		0.0000	0.000	25280.2	0.577	BB	0.023	18322.82	1.094
53	6.177		0.0000	0.000	17225.6	0.393	BB	0.024	12060.92	0.720
54	6.312		0.0000	0.000	11351.9	0.259	BB	0.030	6268.69	0.374
55	6.381		0.0000	0.000	89396.3	2.042	BB	0.039	38617.59	2.305
56	6.479		0.0000	0.000	26384.3	0.603	BB	0.028	15593.67	0.931
57	6.521		0.0000	0.000	3169.3	0.072	BB	0.017	3039.56	0.181
58	6.557		0.0000	0.000	3480.2	0.079	BB	0.021	2740.61	0.164
59	6.634		0.0000	0.000	200994.6	4.590	BB	0.041	81152.86	4.843
60	6.805		0.0000	0.000	1465.4	0.033	BB	0.037	658.99	0.039
61	6.918		0.0000	0.000	27309.8	0.624	BB	0.028	16268.23	0.971
62	6.978		0.0000	0.000	134140.1	3.064	BB	0.038	58699.90	3.503

aSX85 1018

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.191		0.0000	0.000	1318.1	0.030	BB	0.027	828.90	0.049
64	7.281		0.0000	0.000	1294.2	0.030	BB	0.130	165.59	0.010
65	7.312		0.0000	0.000	4995.5	0.114	BB	0.034	2483.69	0.148
66	7.376		0.0000	0.000	26257.9	0.600	BB	0.041	10618.47	0.634
67	7.544		0.0000	0.000	56935.8	1.300	BB	0.038	24783.41	1.479
68	7.762		0.0000	0.000	105540.7	2.410	BB	0.068	25770.22	1.538
69	7.819		0.0000	0.000	1004151.0	22.933	BB	0.051	329762.80	19.681
70	7.903		0.0000	0.000	22098.6	0.505	BB	0.041	9014.36	0.538
71	8.220	DCB	37.1295	48.007	509080.3	11.627	BB	0.050	170768.90	10.192
72	8.391		0.0000	0.000	38568.9	0.881	BB	0.071	9020.64	0.538
73	8.565		0.0000	0.000	4144.3	0.095	BB	0.093	741.53	0.044
74	8.747		0.0000	0.000	2729.8	0.062	BB	0.052	882.49	0.053
75	8.847		0.0000	0.000	6628.1	0.151	BB	0.050	2221.44	0.133
76	8.963		0.0000	0.000	4384.8	0.100	BB	0.047	1544.35	0.092
77	9.014		0.0000	0.000	65.0	0.001	BB	0.006	180.49	0.011
78	9.047		0.0000	0.000	28.4	0.001	BB	0.005	101.81	0.006
79	9.064		0.0000	0.000	644.2	0.015	BB	0.022	488.25	0.029
80	9.114		0.0000	0.000	2958.9	0.068	BB	0.084	587.82	0.035
81	9.346		0.0000	0.000	5997.9	0.137	BB	0.052	1930.23	0.115
82	9.531		0.0000	0.000	340.6	0.008	BB	0.021	268.30	0.016
83	9.564		0.0000	0.000	3796.9	0.087	BB	0.052	1227.95	0.073
84	9.714		0.0000	0.000	94.9	0.002	BB	0.007	240.78	0.014
85	9.745		0.0000	0.000	9303.4	0.212	BB	0.192	807.16	0.048
86	9.947		0.0000	0.000	38614.9	0.882	BB	0.077	8392.86	0.501

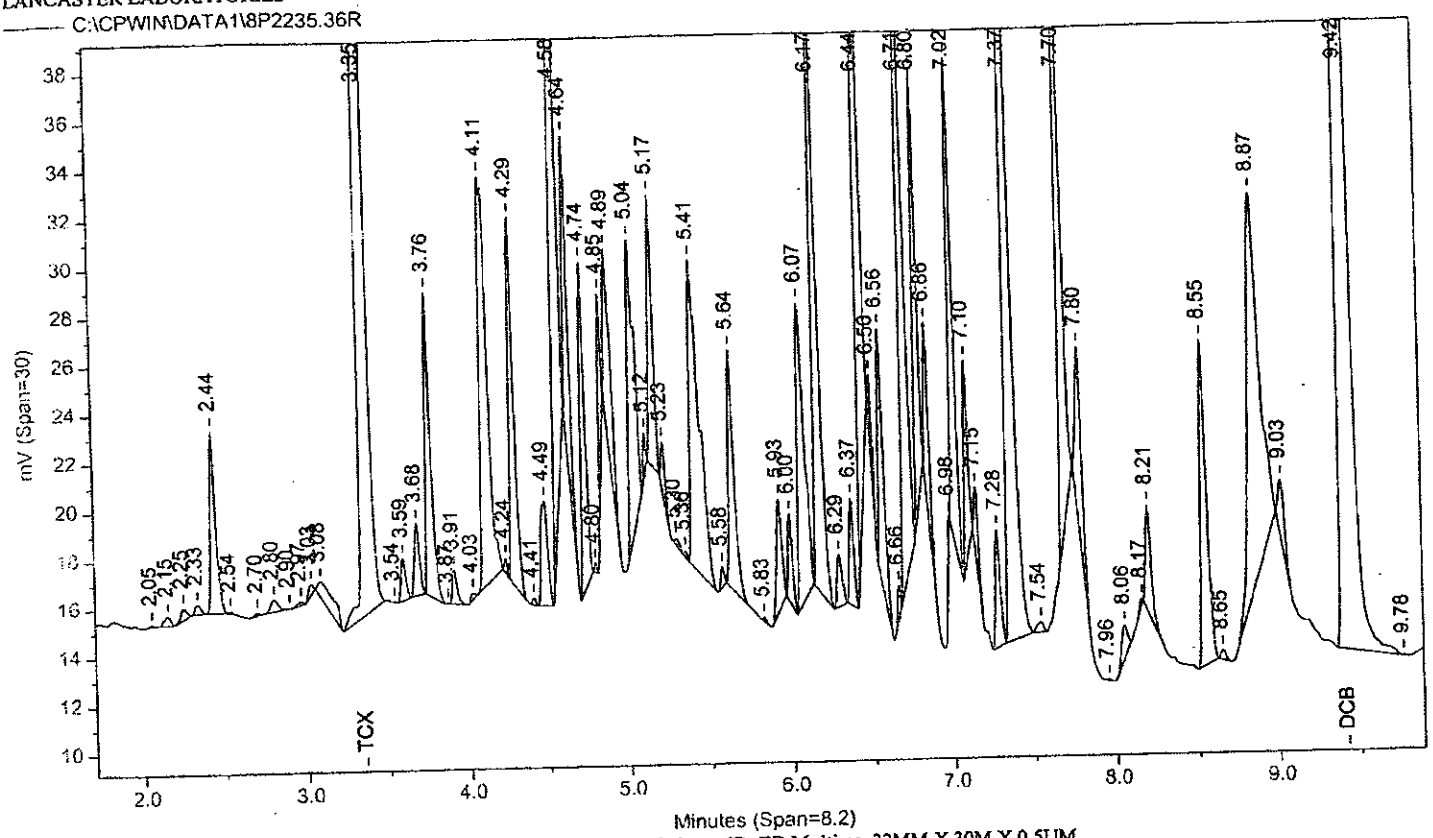
Total Area = 4378602.0, Total Amount = 77.342, Total Height = 1675551.0, Sample Units = ug/l

ASX85 5019

AR1630824A FMAR163FM CCAL 0824799999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.36R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 6:48:51 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

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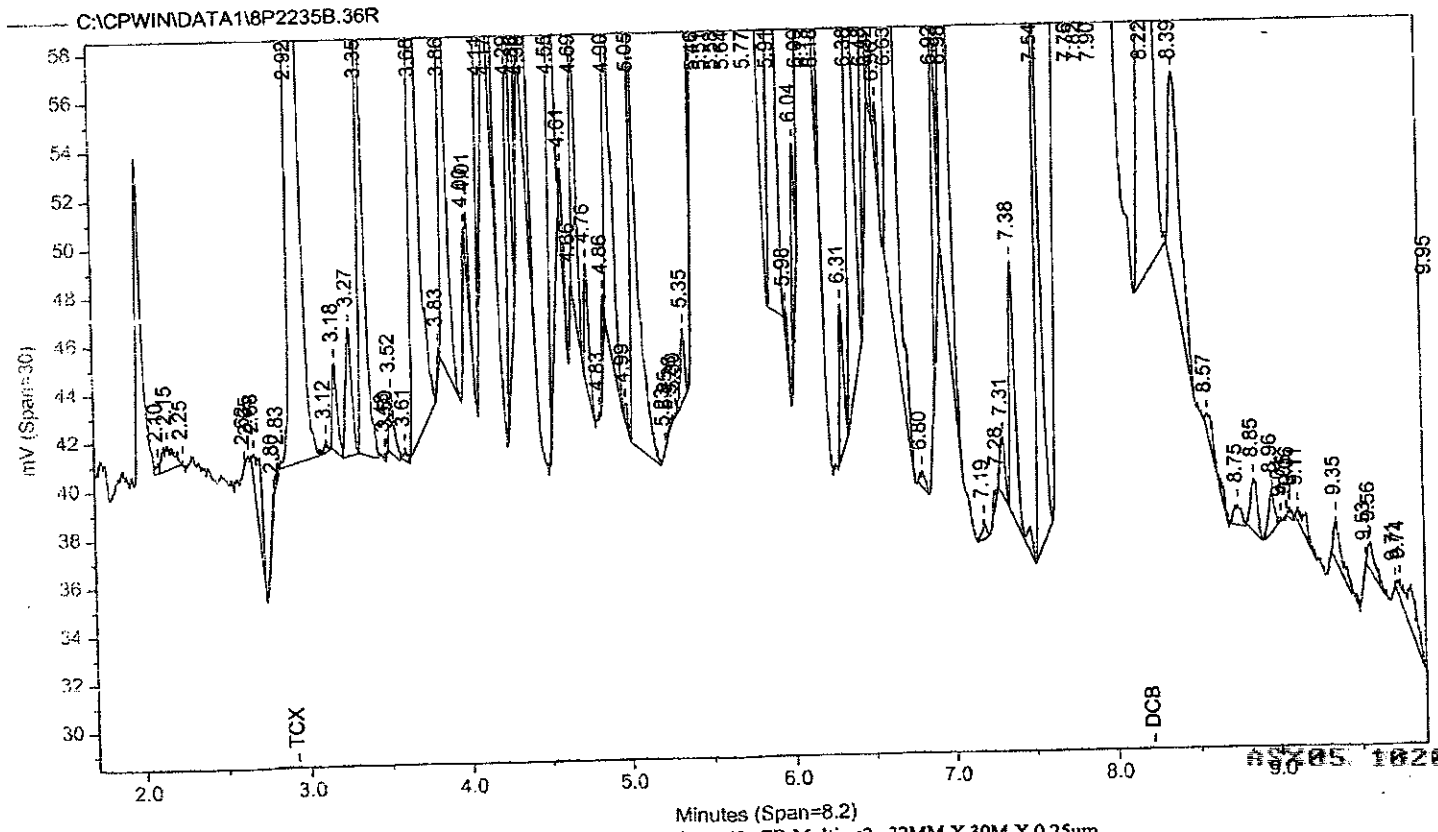


Instrument ID: CP02--H2601B Injected On: 9/4/2008 6:48:51 PM

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

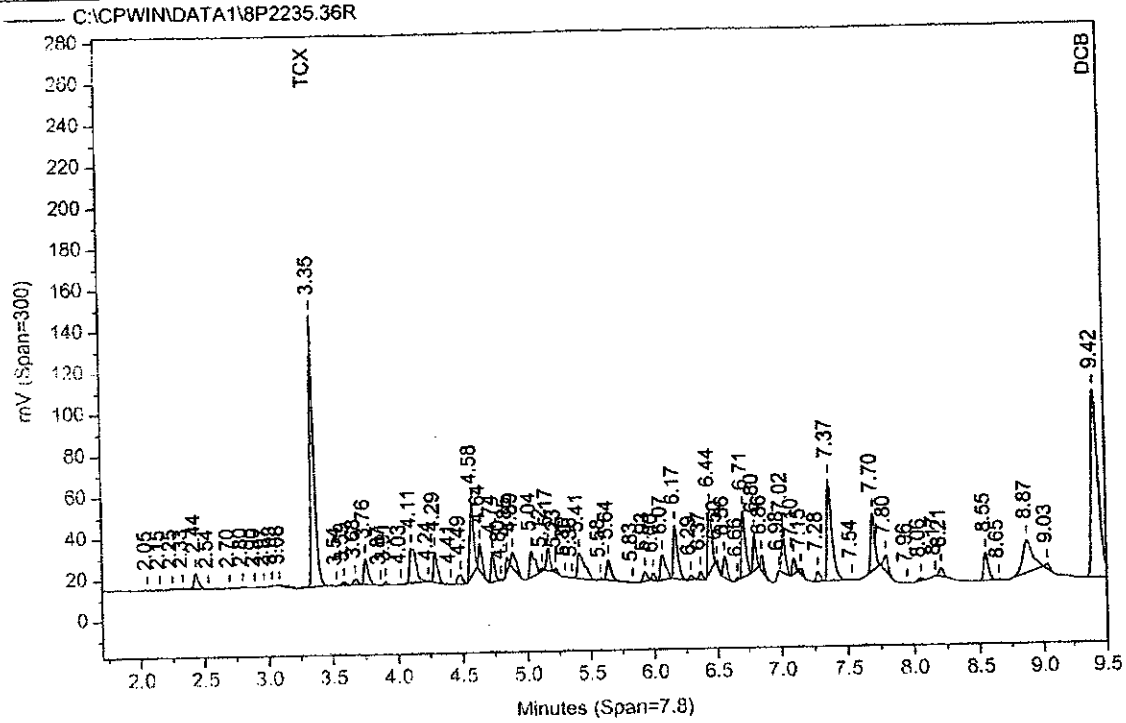
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	131627	41.27887	TCX	2.924	214226	40.21272	TCX
9.423	90872	39.74644	DCB	8.22	170769	37.12947	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.36A
Area File: C:\CPWIN\DATA1\8P2235B.36A
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: 9/4/2008 6:58:56 PM
File Reported On: 9/4/2008 at 6:59:02 PM

10X REPLOTS

ASX05 1021

C:\CPWIN\DATA1\8P2235.36R



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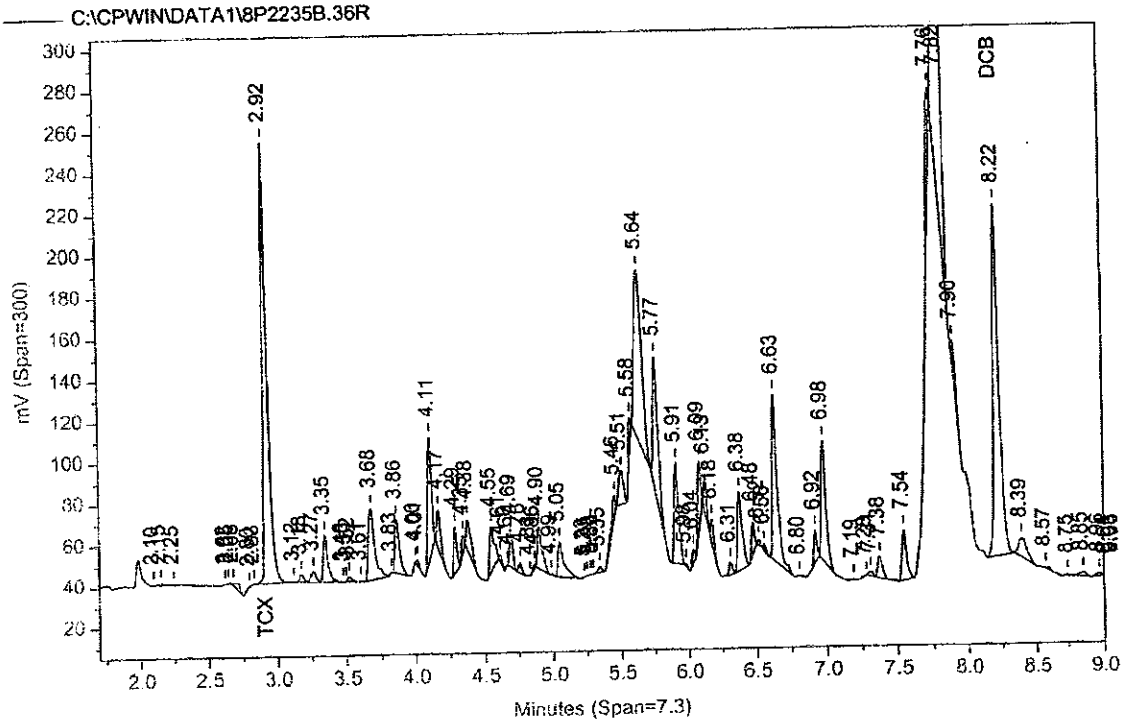

ASX05 1022

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601A via port 1 on 9/4/08 07:13:17pm 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\8P2235.37R**
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	2.159		0.0000	0.000	649.3	0.087	BB	0.063	171.41	0.080
2	2.247		0.0000	0.000	435.0	0.059	BB	0.043	169.73	0.079
3	2.330		0.0000	0.000	522.6	0.070	BB	0.039	222.55	0.104
4	2.438		0.0000	0.000	1698.7	0.229	BB	0.043	665.34	0.311
5	2.600		0.0000	0.000	43.3	0.006	BB	0.035	20.77	0.010
6	2.717		0.0000	0.000	292.1	0.039	BB	0.066	73.38	0.034
7	2.803		0.0000	0.000	281.6	0.038	BB	0.052	91.02	0.042
8	2.891		0.0000	0.000	214.5	0.029	BB	0.065	54.66	0.026
9	3.027		0.0000	0.000	295.5	0.040	BB	0.034	145.32	0.068
10	3.113		0.0000	0.000	2132.8	0.287	BB	0.116	305.55	0.143
11	3.352	TCX	20.4236	49.333	134428.6	18.099	BB	0.034	65125.19	30.408
12	3.666		0.0000	0.000	1285.9	0.173	BB	0.031	693.15	0.324
13	3.830		0.0000	0.000	37.0	0.005	BB	0.029	21.07	0.010
14	3.872		0.0000	0.000	114.6	0.015	BB	0.026	72.98	0.034
15	3.964		0.0000	0.000	40.4	0.005	BB	0.030	22.54	0.011
16	4.017		0.0000	0.000	43.1	0.006	BB	0.021	34.21	0.016
17	4.079		0.0000	0.000	335.1	0.045	BB	0.046	122.67	0.057
18	4.287		0.0000	0.000	319.0	0.043	BB	0.042	125.94	0.059
19	4.497		0.0000	0.000	58.4	0.008	BB	0.020	49.31	0.023
20	4.560		0.0000	0.000	941.5	0.127	BB	0.068	230.00	0.107
21	4.751		0.0000	0.000	202.7	0.027	BB	0.052	65.48	0.031
22	5.312		0.0000	0.000	54412.6	7.326	BB	0.460	1969.76	0.920
23	5.677		0.0000	0.000	80.7	0.011	BB	0.021	65.18	0.030
24	5.826		0.0000	0.000	2996.4	0.403	BB	0.099	503.53	0.235
25	5.981		0.0000	0.000	1998.0	0.269	BB	0.053	623.34	0.291
26	6.112		0.0000	0.000	7727.8	1.040	BB	0.078	1658.65	0.774
27	6.246		0.0000	0.000	65375.4	8.802	BB	0.075	14490.79	6.766
28	6.374		0.0000	0.000	3512.8	0.473	BB	0.035	1685.65	0.787
29	6.451		0.0000	0.000	7537.5	1.015	BB	0.050	2497.11	1.166
30	6.589		0.0000	0.000	1221.8	0.164	BB	0.063	325.13	0.152
31	6.926		0.0000	0.000	228962.4	30.826	BB	0.073	52307.60	24.424
32	7.038		0.0000	0.000	913.1	0.123	BB	0.022	697.78	0.326
33	7.075		0.0000	0.000	28449.6	3.830	BB	0.035	13725.48	6.409
34	7.437		0.0000	0.000	709.6	0.096	BB	0.035	334.88	0.156
35	7.518		0.0000	0.000	1252.0	0.169	BB	0.037	557.00	0.260
36	7.626		0.0000	0.000	225.1	0.030	BB	0.025	149.31	0.070
37	7.702		0.0000	0.000	437.4	0.059	BB	0.034	211.69	0.099
38	7.795		0.0000	0.000	225.4	0.030	BB	0.033	115.10	0.054
39	7.860		0.0000	0.000	344.5	0.046	BB	0.060	95.00	0.044
40	8.065		0.0000	0.000	417.3	0.056	BB	0.067	103.52	0.048
41	8.138		0.0000	0.000	490.4	0.066	BB	0.048	168.66	0.079
42	8.246		0.0000	0.000	957.4	0.129	BB	0.052	305.14	0.142
43	8.297		0.0000	0.000	76.1	0.010	BB	0.026	48.88	0.023
44	8.359		0.0000	0.000	161.4	0.022	BB	0.028	95.80	0.045
45	8.518		0.0000	0.000	1598.9	0.215	BB	0.067	396.51	0.185
46	8.809		0.0000	0.000	24086.1	3.243	BB	0.112	3588.46	1.676
47	9.037		0.0000	0.000	2135.8	0.288	BB	0.058	616.77	0.288
48	9.125		0.0000	0.000	1562.8	0.210	BB	0.119	218.55	0.102
49	9.428	DCB	20.9756	50.667	159929.8	21.532	BB	0.056	47956.14	22.392
50	9.681		0.0000	0.000	586.4	0.079	BB	0.056	175.06	0.082

Total Area = 742755.9, Total Amount = 41.399, Total Height = 214168.8, Sample Units = ug/l

ASX85 1023

IBLKX0824C AAPIBLKAA PIBLK0824799999

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601B via port 2 on 9/4/08 07:13:17pm 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\8P2235B.37R**
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	2.022		0.0000	0.000	620.5	0.098	BB	0.027	379.56	0.151
2	2.122		0.0000	0.000	541.3	0.085	BB	0.023	390.12	0.155
3	2.170		0.0000	0.000	407.7	0.064	BB	0.012	569.63	0.226
4	2.258		0.0000	0.000	225.3	0.036	BB	0.012	306.14	0.122
5	2.347		0.0000	0.000	1254.8	0.198	BB	0.061	343.14	0.136
6	2.470		0.0000	0.000	211.2	0.033	BB	0.015	235.89	0.094
7	2.525		0.0000	0.000	246.5	0.039	BB	0.013	322.38	0.128
8	2.570		0.0000	0.000	334.5	0.053	BB	0.019	291.21	0.116
9	2.619		0.0000	0.000	112.2	0.018	BB	0.012	153.92	0.061
10	2.636		0.0000	0.000	193.7	0.031	BB	0.015	221.11	0.088
11	2.704		0.0000	0.000	4543.5	0.717	BB	0.050	1522.11	0.604
12	2.793		0.0000	0.000	948.9	0.150	BB	0.043	366.76	0.146
13	2.820		0.0000	0.000	858.1	0.135	BB	0.026	545.14	0.216
14	2.880		0.0000	0.000	174.3	0.028	BB	0.008	342.18	0.136
15	2.924	TCX	20.9678	51.237	245127.1	38.689	BB	0.037	111702.10	44.344
16	3.056		0.0000	0.000	349.7	0.055	BB	0.013	439.04	0.174
17	3.105		0.0000	0.000	182.7	0.029	BB	0.010	300.37	0.119
18	3.120		0.0000	0.000	1173.7	0.185	BB	0.037	528.69	0.210
19	3.249		0.0000	0.000	2672.5	0.422	BB	0.032	1397.23	0.555
20	3.320		0.0000	0.000	286.3	0.045	BB	0.010	470.85	0.187
21	3.352		0.0000	0.000	70.2	0.011	BB	0.012	101.66	0.040
22	3.369		0.0000	0.000	252.7	0.040	BB	0.016	257.68	0.102
23	3.420		0.0000	0.000	1378.9	0.218	BB	0.038	598.90	0.238
24	3.497		0.0000	0.000	67.2	0.011	BB	0.004	297.13	0.118
25	3.519		0.0000	0.000	401.9	0.063	BB	0.023	285.35	0.113
26	3.569		0.0000	0.000	71.2	0.011	BB	0.009	137.80	0.055
27	3.586		0.0000	0.000	112.9	0.018	BB	0.006	299.96	0.119
28	3.618		0.0000	0.000	331.4	0.052	BB	0.023	242.50	0.096
29	3.673		0.0000	0.000	242.4	0.038	BB	0.013	321.10	0.127
30	3.718		0.0000	0.000	205.1	0.032	BB	0.017	198.37	0.079
31	3.789		0.0000	0.000	111.0	0.018	BB	0.007	247.80	0.098
32	3.818		0.0000	0.000	1285.0	0.203	BB	0.031	691.58	0.275
33	3.887		0.0000	0.000	532.8	0.084	BB	0.043	205.25	0.081
34	3.967		0.0000	0.000	849.9	0.134	BB	0.026	548.48	0.218
35	4.026		0.0000	0.000	513.4	0.081	BB	0.016	530.94	0.211
36	4.068		0.0000	0.000	325.0	0.051	BB	0.015	359.19	0.143
37	4.116		0.0000	0.000	655.1	0.103	BB	0.027	405.97	0.161
38	4.152		0.0000	0.000	533.6	0.084	BB	0.031	283.13	0.112
39	4.218		0.0000	0.000	5166.0	0.815	BB	0.107	806.75	0.320
40	4.417		0.0000	0.000	113.8	0.018	BB	0.010	181.74	0.072
41	4.467		0.0000	0.000	128.1	0.020	BB	0.005	426.55	0.169
42	4.516		0.0000	0.000	390.6	0.062	BB	0.020	322.14	0.128
43	4.556		0.0000	0.000	161.2	0.025	BB	0.012	230.35	0.091
44	4.597		0.0000	0.000	837.9	0.132	BB	0.034	408.89	0.162
45	4.666		0.0000	0.000	334.8	0.053	BB	0.021	268.20	0.106
46	4.733		0.0000	0.000	354.7	0.056	BB	0.013	443.59	0.176
47	4.752		0.0000	0.000	855.0	0.135	BB	0.038	373.19	0.148
48	4.864		0.0000	0.000	652.0	0.103	BB	0.032	339.06	0.135
49	4.909		0.0000	0.000	573.4	0.091	BB	0.048	199.30	0.079
50	5.015		0.0000	0.000	61.3	0.010	BB	0.008	122.15	0.048
51	5.036		0.0000	0.000	62.1	0.010	BB	0.007	147.52	0.059
52	5.086		0.0000	0.000	902.2	0.142	BB	0.027	547.34	0.217
53	5.099		0.0000	0.000	1102.9	0.174	BB	0.037	496.31	0.197
54	5.173		0.0000	0.000	987.5	0.156	BB	0.030	552.89	0.219
55	5.221		0.0000	0.000	330.5	0.052	BB	0.058	95.42	0.038
56	5.263		0.0000	0.000	1826.3	0.288	BB	0.046	666.10	0.264
57	5.350		0.0000	0.000	261.9	0.041	BB	0.008	513.87	0.204
58	5.399		0.0000	0.000	81.3	0.013	BB	0.012	115.31	0.046
59	5.415		0.0000	0.000	216.1	0.034	BB	0.013	269.59	0.107
60	5.441		0.0000	0.000	2854.5	0.451	BB	0.224	212.42	0.084
61	5.730		0.0000	0.000	385.6	0.061	BB	0.026	246.87	0.098
62	5.790		0.0000	0.000	258.3	0.041	BB	0.013	322.38	0.128

ASX05 1024

IBLKX0824C AAPIBLKAA PIBLK0824799999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.840		0.0000	0.000	74.7	0.012	BB	0.008	163.91	0.065
64	5.880		0.0000	0.000	921.6	0.145	BB	0.030	519.60	0.206
65	5.919		0.0000	0.000	8034.8	1.268	BB	0.045	2959.35	1.175
66	6.161		0.0000	0.000	637.3	0.101	BB	0.026	416.52	0.165
67	6.230		0.0000	0.000	344.9	0.054	BB	0.014	420.46	0.167
68	6.261		0.0000	0.000	915.3	0.144	BB	0.029	518.79	0.206
69	6.317		0.0000	0.000	543.0	0.086	BB	0.026	342.05	0.136
70	6.366		0.0000	0.000	249.6	0.039	BB	0.018	228.87	0.091
71	6.495		0.0000	0.000	94.6	0.015	BB	0.006	260.59	0.103
72	6.560		0.0000	0.000	2010.6	0.317	BB	0.073	457.74	0.182
73	6.582		0.0000	0.000	5495.8	0.867	BB	0.149	613.09	0.243
74	6.803		0.0000	0.000	998.7	0.158	BB	0.035	473.04	0.188
75	6.847		0.0000	0.000	83.5	0.013	BB	0.006	234.93	0.093
76	6.895		0.0000	0.000	85.0	0.013	BB	0.017	85.30	0.034
77	6.910		0.0000	0.000	135.9	0.021	BB	0.013	178.67	0.071
78	6.937		0.0000	0.000	77.0	0.012	BB	0.009	149.25	0.059
79	6.960		0.0000	0.000	5780.3	0.912	BB	0.138	698.10	0.277
80	7.200		0.0000	0.000	155.8	0.025	BB	0.010	253.86	0.101
81	7.287		0.0000	0.000	901.8	0.142	BB	0.050	302.78	0.120
82	7.376		0.0000	0.000	743.5	0.117	BB	0.040	310.28	0.123
83	7.464		0.0000	0.000	181.5	0.029	BB	0.009	336.18	0.133
84	7.488		0.0000	0.000	488.2	0.077	BB	0.029	283.12	0.112
85	7.554		0.0000	0.000	117.4	0.019	BB	0.010	195.95	0.078
86	7.587		0.0000	0.000	455.8	0.072	BB	0.025	305.42	0.121
87	7.641		0.0000	0.000	94.2	0.015	BB	0.006	247.62	0.098
88	7.669		0.0000	0.000	306.5	0.048	BB	0.034	151.36	0.060
89	7.727		0.0000	0.000	8013.1	1.265	BB	0.048	2773.52	1.101
90	7.817		0.0000	0.000	1958.1	0.309	BB	0.044	737.07	0.293
91	7.905		0.0000	0.000	1265.5	0.200	BB	0.023	918.74	0.365
92	7.993		0.0000	0.000	652.8	0.103	BB	0.036	303.17	0.120
93	8.080		0.0000	0.000	699.8	0.110	BB	0.033	354.70	0.141
94	8.105		0.0000	0.000	217.1	0.034	BB	0.018	203.57	0.081
95	8.170		0.0000	0.000	32.4	0.005	BB	0.004	152.09	0.060
96	8.224	DCB	19.9552	48.763	283264.2	44.708	BB	0.051	91779.65	36.435
97	8.455		0.0000	0.000	450.8	0.071	BB	0.031	243.15	0.097
98	8.514		0.0000	0.000	151.5	0.024	BB	0.011	225.15	0.089
99	8.557		0.0000	0.000	713.1	0.113	BB	0.032	367.99	0.146
100	8.669		0.0000	0.000	392.7	0.062	BB	0.018	366.26	0.145
101	8.754		0.0000	0.000	48.4	0.008	BB	0.010	84.73	0.034
102	8.770		0.0000	0.000	407.6	0.064	BB	0.023	296.26	0.118
103	8.880		0.0000	0.000	211.7	0.033	BB	0.011	318.54	0.126
104	8.904		0.0000	0.000	75.6	0.012	BB	0.012	108.45	0.043
105	8.946		0.0000	0.000	855.7	0.135	BB	0.044	323.83	0.129
106	9.070		0.0000	0.000	1511.4	0.239	BB	0.046	548.98	0.218
107	9.132		0.0000	0.000	1714.4	0.271	BB	0.122	234.56	0.093
108	9.334		0.0000	0.000	250.0	0.039	BB	0.014	308.42	0.122
109	9.350		0.0000	0.000	654.7	0.103	BB	0.025	435.11	0.173
110	9.416		0.0000	0.000	2155.5	0.340	BB	0.067	537.31	0.213
111	9.627		0.0000	0.000	1573.0	0.248	BB	0.057	463.60	0.184
112	9.677		0.0000	0.000	430.6	0.068	BB	0.026	281.34	0.112
113	9.728		0.0000	0.000	915.4	0.144	BB	0.037	416.80	0.165
114	9.813		0.0000	0.000	668.5	0.106	BB	0.035	318.87	0.127
115	9.924		0.0000	0.000	6806.5	1.074	BB	0.050	2282.78	0.906
116	9.960		0.0000	0.000	266.1	0.042	BB	0.017	259.07	0.103

Total Area = 633585.9, Total Amount = 40.923, Total Height = 251898.9, Sample Units = ug/l

ASX05 1025

IBLKX0824C AAPIBLKAA PIBLK0824799999

LANCASTER LABORATORIES

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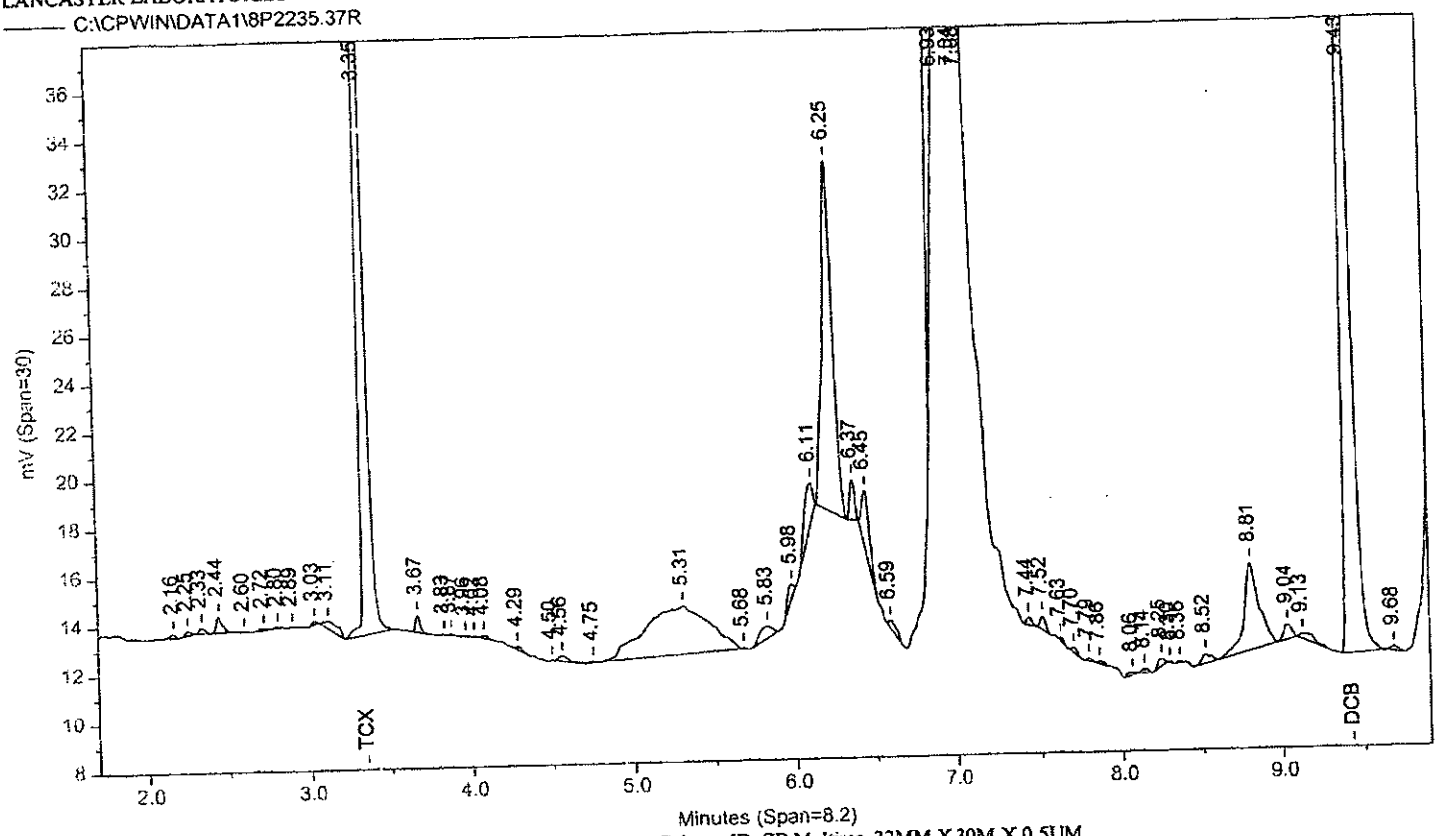

Instrument ID: CP02--H2601A Injected On: 9/4/2008 7:03:17 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

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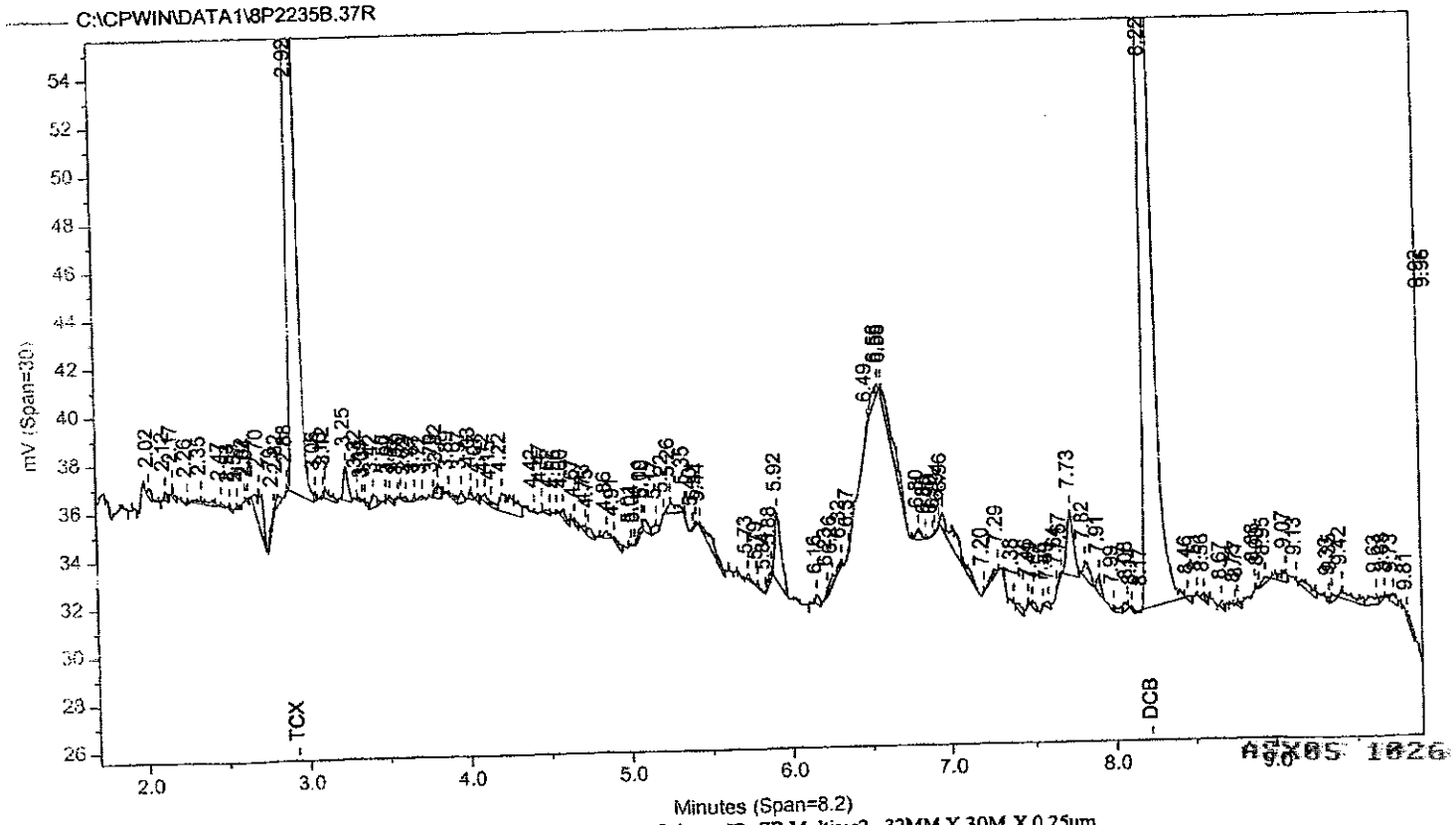

Instrument ID: CP02--H2601B Injected On: 9/4/2008 7:03:17 PM

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
3.352	65125	20.4236	TCX
9.428	47956	20.97557	DCB

RT B	Height B	Amount B	Compound B
2.924	111702	20.96777	TCX
8.224	91780	19.95522	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.37A
Area File: C:\CPWIN\DATA1\8P2235B.37A
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: 9/4/2008 7:13:20 PM
File Reported On: 9/4/2008 at 7:13:27 PM

10X REPLOTS

ASX05 1027

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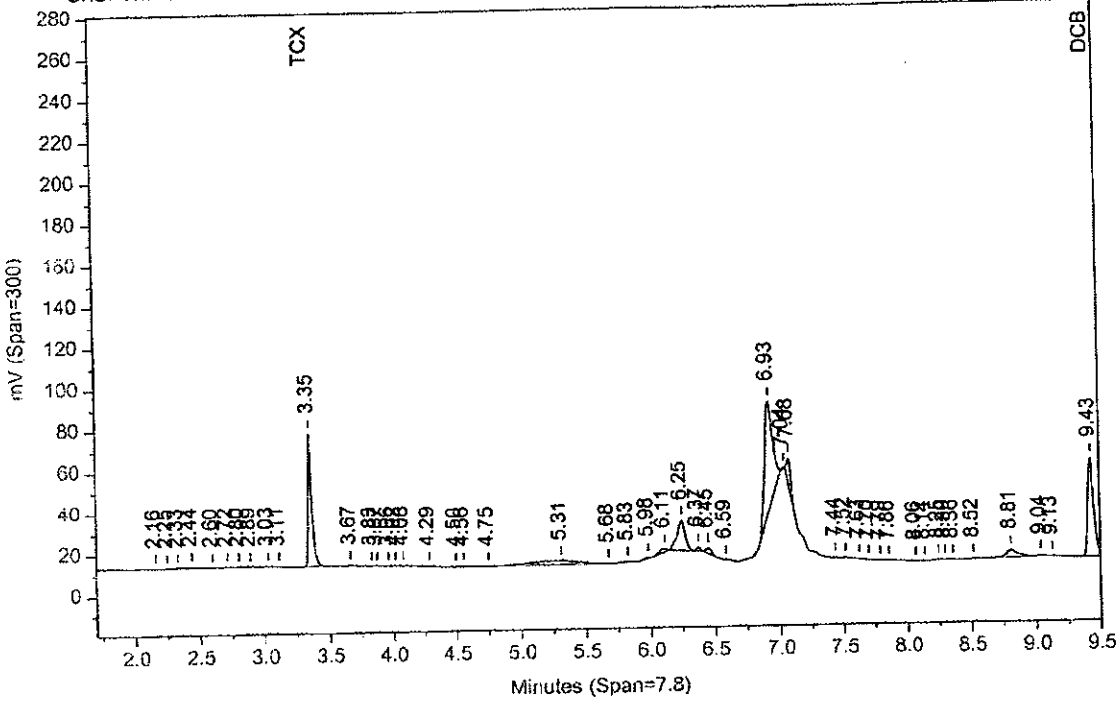

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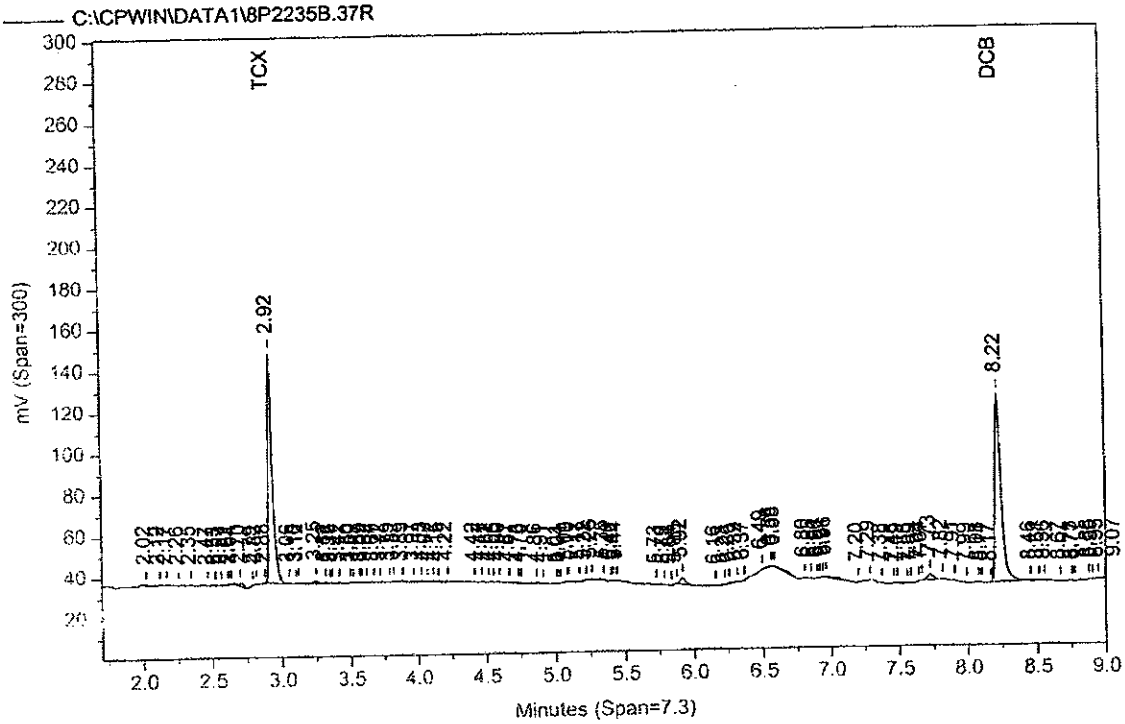


ASX05 1028

AR1620824A EYAR162EY CCAL 0824799999

Sample Name: **AR1620824A EYAR162EY CCAL 0824799999**
Acquired from CP02--H2601A via port 1 on 9/4/08 09:51:52pm 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\8P2235.48R**
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	2.063		0.0000	0.000	160.0	0.018	BB	0.046	58.07	0.016
2	2.158		0.0000	0.000	907.7	0.101	BB	0.042	364.18	0.098
3	2.253		0.0000	0.000	754.4	0.084	BB	0.059	211.54	0.057
4	2.329		0.0000	0.000	376.0	0.042	BB	0.037	169.57	0.046
5	2.437		0.0000	0.000	19282.7	2.136	BB	0.039	8180.63	2.196
6	2.805		0.0000	0.000	1516.8	0.168	BB	0.079	321.12	0.086
7	2.963		0.0000	0.000	251.7	0.028	BB	0.055	75.62	0.020
8	3.036		0.0000	0.000	285.0	0.032	BB	0.052	91.50	0.025
9	3.117		0.0000	0.000	6606.0	0.732	BB	0.098	1128.85	0.303
10	3.350 TCX		20.0590	49.852	132155.7	14.639	BB	0.034	63962.70	17.169
11	3.590		0.0000	0.000	1845.4	0.204	BB	0.035	872.31	0.234
12	3.678		0.0000	0.000	3219.0	0.357	BB	0.037	1433.51	0.385
13	3.758		0.0000	0.000	13304.7	1.474	BB	0.037	6045.10	1.623
14	3.869		0.0000	0.000	53.3	0.006	BB	0.015	57.67	0.015
15	3.907		0.0000	0.000	1250.8	0.139	BB	0.036	587.01	0.158
16	4.027		0.0000	0.000	149.6	0.017	BB	0.030	83.61	0.022
17	4.109		0.0000	0.000	3703.3	0.410	BB	0.031	1976.62	0.531
18	4.126		0.0000	0.000	1795.7	0.199	BB	0.019	1568.81	0.421
19	4.239		0.0000	0.000	338.4	0.037	BB	0.019	295.15	0.079
20	4.292		0.0000	0.000	16715.4	1.852	BB	0.036	7702.06	2.067
21	4.412		0.0000	0.000	267.4	0.030	BB	0.028	157.53	0.042
22	4.488		0.0000	0.000	5700.8	0.631	BB	0.046	2054.59	0.552
23	4.580		0.0000	0.000	40233.1	4.457	BB	0.038	17659.78	4.740
24	4.643		0.0000	0.000	12529.1	1.388	BB	0.030	7005.31	1.880
25	4.735		0.0000	0.000	12785.8	1.416	BB	0.031	6886.63	1.849
26	4.796		0.0000	0.000	162.4	0.018	BB	0.016	169.48	0.045
27	4.848		0.0000	0.000	5242.5	0.581	BB	0.023	3736.03	1.003
28	4.891		0.0000	0.000	11098.7	1.229	BB	0.049	3758.70	1.009
29	5.040		0.0000	0.000	17816.6	1.974	BB	0.047	6347.17	1.704
30	5.121		0.0000	0.000	1089.6	0.121	BB	0.019	973.06	0.261
31	5.172		0.0000	0.000	10152.7	1.125	BB	0.031	5437.59	1.460
32	5.230		0.0000	0.000	1534.1	0.170	BB	0.025	1040.02	0.279
33	5.313		0.0000	0.000	217.9	0.024	BB	0.029	125.57	0.034
34	5.364		0.0000	0.000	302.7	0.034	BB	0.024	212.12	0.057
35	5.415		0.0000	0.000	23178.7	2.568	BB	0.062	6249.30	1.677
36	5.583		0.0000	0.000	784.1	0.087	BB	0.026	498.91	0.134
37	5.643		0.0000	0.000	11933.6	1.322	BB	0.040	5017.40	1.347
38	5.786		0.0000	0.000	110.1	0.012	BB	0.029	63.23	0.017
39	5.832		0.0000	0.000	358.1	0.040	BB	0.031	192.65	0.052
40	5.931		0.0000	0.000	5387.1	0.597	BB	0.038	2339.54	0.628
41	5.995		0.0000	0.000	3034.9	0.336	BB	0.027	1842.00	0.494
42	6.066		0.0000	0.000	19310.0	2.139	BB	0.048	6698.60	1.798
43	6.169		0.0000	0.000	31481.8	3.487	BB	0.038	13856.34	3.719
44	6.287		0.0000	0.000	2468.8	0.273	BB	0.036	1142.49	0.307
45	6.369		0.0000	0.000	5860.5	0.649	BB	0.031	3159.95	0.848
46	6.444		0.0000	0.000	36461.6	4.039	BB	0.037	16431.74	4.411
47	6.499		0.0000	0.000	1648.5	0.183	BB	0.019	1460.96	0.392
48	6.557		0.0000	0.000	11747.7	1.301	BB	0.036	5501.25	1.477
49	6.662		0.0000	0.000	947.0	0.105	BB	0.025	638.17	0.171
50	6.709		0.0000	0.000	36839.7	4.081	BB	0.036	16827.35	4.517
51	6.798		0.0000	0.000	16569.2	1.835	BB	0.029	9412.18	2.526
52	6.853		0.0000	0.000	6313.5	0.699	BB	0.027	3942.27	1.058
53	6.936		0.0000	0.000	34.4	0.004	BB	0.014	42.34	0.011
54	6.982		0.0000	0.000	736.4	0.082	BB	0.024	522.04	0.140
55	7.015		0.0000	0.000	20923.2	2.318	BB	0.035	9958.86	2.673
56	7.097		0.0000	0.000	8148.6	0.903	BB	0.030	4590.88	1.232
57	7.148		0.0000	0.000	1802.1	0.200	BB	0.024	1235.77	0.332
58	7.278		0.0000	0.000	4959.9	0.549	BB	0.036	2322.56	0.623
59	7.366		0.0000	0.000	64264.8	7.119	BB	0.042	25705.22	6.900
60	7.535		0.0000	0.000	245.2	0.027	BB	0.039	103.55	0.028
61	7.606		0.0000	0.000	68.8	0.008	BB	0.026	44.21	0.012
62	7.701		0.0000	0.000	28617.5	3.170	BB	0.035	13699.28	3.677

ASX05 5029

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.794		0.0000	0.000	8650.8	0.958	BB	0.040	3590.34	0.964
64	7.893		0.0000	0.000	489.0	0.054	BB	0.044	186.03	0.050
65	8.045		0.0000	0.000	833.3	0.092	BB	0.046	304.46	0.082
66	8.207		0.0000	0.000	9545.1	1.057	BB	0.052	3053.15	0.820
67	8.330		0.0000	0.000	388.7	0.043	BB	0.055	117.76	0.032
68	8.443		0.0000	0.000	94.7	0.010	BB	0.029	54.29	0.015
69	8.495		0.0000	0.000	285.5	0.032	BB	0.023	206.58	0.055
70	8.549		0.0000	0.000	11580.8	1.283	BB	0.039	4916.93	1.320
71	8.653		0.0000	0.000	510.2	0.057	BB	0.038	222.59	0.060
72	8.829		0.0000	0.000	1592.9	0.176	BB	0.103	258.52	0.069
73	9.031		0.0000	0.000	6353.7	0.704	BB	0.050	2103.14	0.565
74	9.148		0.0000	0.000	120.4	0.013	BB	0.039	52.00	0.014
75	9.180		0.0000	0.000	27.5	0.003	BB	0.019	24.60	0.007
76	9.253		0.0000	0.000	1618.5	0.179	BB	0.064	424.00	0.114
77	9.423	DCB	20.1778	50.148	158820.3	17.593	BB	0.057	46132.14	12.383
78	9.691		0.0000	0.000	1210.4	0.134	BB	0.082	247.15	0.066
79	9.948		0.0000	0.000	32593.6	3.610	BB	0.085	6398.75	1.718

Total Area = 902755.9, Total Amount = 40.237, Total Height = 372540.7, Sample Units = ug/l

ASX05 1030

Sample Name: **AR1620824A EYAR162EY CCAL 0824799999**
Acquired from CP02--H2601B via port 2 on 9/4/08 09:51:52pm 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\8P2235B.48R**
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	2.086		0.0000	0.000	56.2	0.004	BB	0.005	190.34	0.028
2	2.105		0.0000	0.000	152.2	0.010	BB	0.022	116.72	0.017
3	2.143		0.0000	0.000	542.9	0.034	BB	0.024	383.21	0.057
4	2.171		0.0000	0.000	973.1	0.062	BB	0.059	274.64	0.041
5	2.303		0.0000	0.000	4057.7	0.257	BB	0.110	616.13	0.092
6	2.492		0.0000	0.000	1569.9	0.100	BB	0.055	476.72	0.071
7	2.568		0.0000	0.000	101.7	0.006	BB	0.011	153.31	0.023
8	2.620		0.0000	0.000	281.0	0.018	BB	0.031	149.58	0.022
9	2.720		0.0000	0.000	13621.1	0.864	BB	0.060	3759.52	0.561
10	2.781		0.0000	0.000	440.3	0.028	BB	0.022	331.58	0.049
11	2.836		0.0000	0.000	6133.3	0.389	BB	0.063	1632.39	0.244
12	2.887		0.0000	0.000	121.2	0.008	BB	0.008	248.70	0.037
13	2.923	TCX	20.2417	50.018	236015.3	14.976	BB	0.036	107834.20	16.087
14	3.110		0.0000	0.000	565.4	0.036	BB	0.022	421.35	0.063
15	3.171		0.0000	0.000	3835.3	0.243	BB	0.033	1912.77	0.285
16	3.261		0.0000	0.000	5558.5	0.353	BB	0.039	2349.91	0.351
17	3.349		0.0000	0.000	26368.3	1.673	BB	0.039	11399.43	1.701
18	3.454		0.0000	0.000	105.3	0.007	BB	0.012	143.32	0.021
19	3.490		0.0000	0.000	76.3	0.005	BB	0.006	218.13	0.033
20	3.520		0.0000	0.000	2382.3	0.151	BB	0.030	1314.34	0.196
21	3.570		0.0000	0.000	260.2	0.017	BB	0.012	360.57	0.054
22	3.626		0.0000	0.000	173.3	0.011	BB	0.009	333.69	0.050
23	3.680		0.0000	0.000	56669.5	3.596	BB	0.053	17898.00	2.670
24	3.827		0.0000	0.000	615.3	0.039	BB	0.021	482.88	0.072
25	3.865		0.0000	0.000	29744.7	1.887	BB	0.037	13284.64	1.982
26	3.995		0.0000	0.000	1263.0	0.080	BB	0.023	910.73	0.136
27	4.015		0.0000	0.000	1805.0	0.115	BB	0.020	1529.23	0.228
28	4.111		0.0000	0.000	63030.6	3.999	BB	0.035	29989.88	4.474
29	4.168		0.0000	0.000	16353.1	1.038	BB	0.028	9690.39	1.446
30	4.287		0.0000	0.000	19260.6	1.222	BB	0.028	11654.30	1.739
31	4.345		0.0000	0.000	6247.7	0.396	BB	0.021	4978.23	0.743
32	4.378		0.0000	0.000	18151.8	1.152	BB	0.041	7459.31	1.113
33	4.548		0.0000	0.000	25801.7	1.637	BB	0.038	11425.54	1.705
34	4.612		0.0000	0.000	1635.7	0.104	BB	0.018	1520.17	0.227
35	4.688		0.0000	0.000	21058.7	1.336	BB	0.035	10035.93	1.497
36	4.754		0.0000	0.000	4287.6	0.272	BB	0.027	2693.12	0.402
37	4.826		0.0000	0.000	169.6	0.011	BB	0.016	181.40	0.027
38	4.862		0.0000	0.000	1468.1	0.093	BB	0.027	892.20	0.133
39	4.896		0.0000	0.000	24648.7	1.564	BB	0.040	10335.41	1.542
40	5.053		0.0000	0.000	23415.4	1.486	BB	0.046	8529.28	1.272
41	5.271		0.0000	0.000	1833.3	0.116	BB	0.049	620.40	0.093
42	5.353		0.0000	0.000	2342.0	0.149	BB	0.022	1737.15	0.259
43	5.458		0.0000	0.000	58524.2	3.713	BB	0.066	14669.74	2.189
44	5.573		0.0000	0.000	50288.6	3.191	BB	0.036	23113.00	3.448
45	5.670		0.0000	0.000	465.7	0.030	BB	0.014	569.29	0.085
46	5.705		0.0000	0.000	5590.2	0.355	BB	0.025	3670.22	0.548
47	5.766		0.0000	0.000	60114.7	3.814	BB	0.037	26830.68	4.003
48	5.910		0.0000	0.000	56180.4	3.565	BB	0.037	25022.09	3.733
49	5.978		0.0000	0.000	1312.2	0.083	BB	0.024	919.88	0.137
50	6.036		0.0000	0.000	6255.6	0.397	BB	0.024	4410.40	0.658
51	6.085		0.0000	0.000	26551.1	1.685	BB	0.027	16392.45	2.446
52	6.126		0.0000	0.000	15673.3	0.995	BB	0.023	11133.80	1.661
53	6.177		0.0000	0.000	9351.1	0.593	BB	0.024	6584.80	0.982
54	6.267		0.0000	0.000	158.2	0.010	BB	0.007	355.89	0.053
55	6.310		0.0000	0.000	7270.0	0.461	BB	0.034	3517.97	0.525
56	6.382		0.0000	0.000	46402.8	2.944	BB	0.039	19979.12	2.981
57	6.479		0.0000	0.000	13619.8	0.864	BB	0.029	7935.52	1.184
58	6.521		0.0000	0.000	2284.7	0.145	BB	0.018	2159.69	0.322
59	6.555		0.0000	0.000	2273.2	0.144	BB	0.023	1652.58	0.247
60	6.631		0.0000	0.000	106630.3	6.766	BB	0.040	44017.93	6.567
61	6.820		0.0000	0.000	138.5	0.009	BB	0.007	344.13	0.051
62	6.836		0.0000	0.000	87.9	0.006	BB	0.008	192.17	0.029

ASX05 1031

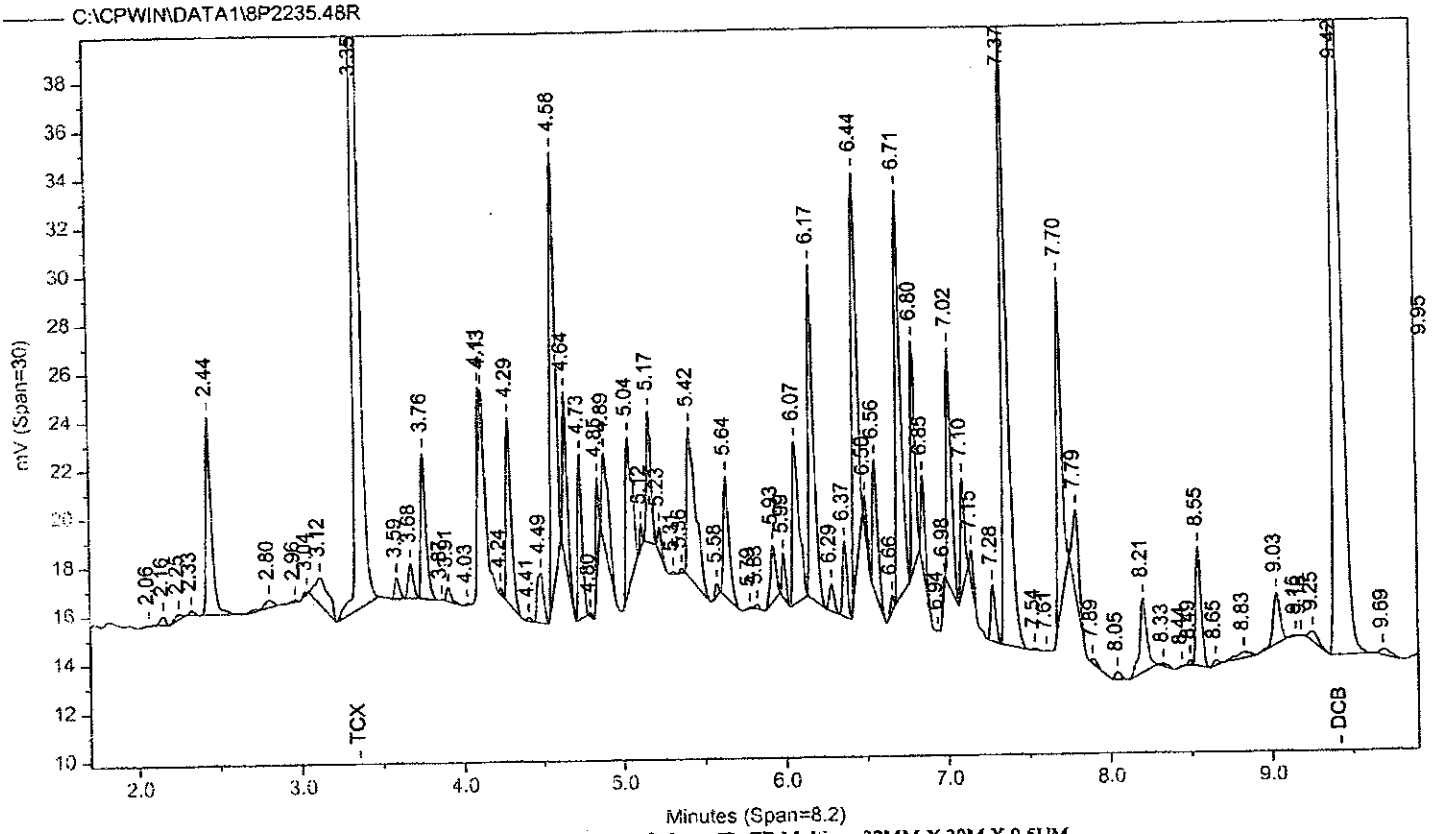
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.871		0.0000	0.000	81.1	0.005	BB	0.005	260.34	0.039
64	6.917		0.0000	0.000	14748.6	0.936	BB	0.028	8788.14	1.311
65	6.975		0.0000	0.000	70394.1	4.467	BB	0.037	31292.05	4.668
66	7.198		0.0000	0.000	900.3	0.057	BB	0.027	553.99	0.083
67	7.237		0.0000	0.000	98.6	0.006	BB	0.005	321.26	0.048
68	7.253		0.0000	0.000	501.8	0.032	BB	0.017	481.65	0.072
69	7.287		0.0000	0.000	3594.7	0.228	BB	0.060	995.51	0.149
70	7.373		0.0000	0.000	12490.1	0.793	BB	0.039	5280.05	0.788
71	7.439		0.0000	0.000	113.1	0.007	BB	0.013	148.91	0.022
72	7.470		0.0000	0.000	1588.6	0.101	BB	0.033	793.76	0.118
73	7.542		0.0000	0.000	32529.6	2.064	BB	0.042	12910.74	1.926
74	7.737		0.0000	0.000	1095.7	0.070	BB	0.041	447.54	0.067
75	7.765		0.0000	0.000	920.5	0.058	BB	0.024	651.45	0.097
76	7.820		0.0000	0.000	191.7	0.012	BB	0.014	234.97	0.035
77	7.897		0.0000	0.000	14641.5	0.929	BB	0.053	4613.23	0.688
78	8.003		0.0000	0.000	94.8	0.006	BB	0.008	199.41	0.030
79	8.019		0.0000	0.000	267.9	0.017	BB	0.019	237.42	0.035
80	8.069		0.0000	0.000	272.9	0.017	BB	0.016	292.32	0.044
81	8.103		0.0000	0.000	188.5	0.012	BB	0.016	198.64	0.030
82	8.117		0.0000	0.000	168.6	0.011	BB	0.006	456.24	0.068
83	8.153		0.0000	0.000	164.6	0.010	BB	0.014	190.15	0.028
84	8.218	DCB	20.2271	49.982	275951.9	17.510	BB	0.049	93029.98	13.879
85	8.381		0.0000	0.000	302.4	0.019	BB	0.014	352.97	0.053
86	8.419		0.0000	0.000	310.7	0.020	BB	0.019	267.08	0.040
87	8.470		0.0000	0.000	359.0	0.023	BB	0.012	494.89	0.074
88	8.504		0.0000	0.000	200.3	0.013	BB	0.017	195.26	0.029
89	8.519		0.0000	0.000	250.8	0.016	BB	0.009	448.71	0.067
90	8.536		0.0000	0.000	2407.7	0.153	BB	0.060	663.79	0.099
91	8.734		0.0000	0.000	484.2	0.031	BB	0.021	385.56	0.058
92	8.769		0.0000	0.000	171.0	0.011	BB	0.016	182.91	0.027
93	8.821		0.0000	0.000	578.4	0.037	BB	0.023	419.47	0.063
94	8.911		0.0000	0.000	524.9	0.033	BB	0.020	443.81	0.066
95	8.953		0.0000	0.000	151.1	0.010	BB	0.017	148.90	0.022
96	8.970		0.0000	0.000	367.5	0.023	BB	0.017	351.94	0.053
97	8.999		0.0000	0.000	370.7	0.024	BB	0.018	351.31	0.052
98	9.036		0.0000	0.000	179.3	0.011	BB	0.010	310.40	0.046
99	9.114		0.0000	0.000	534.3	0.034	BB	0.026	345.85	0.052
100	9.164		0.0000	0.000	170.2	0.011	BB	0.027	106.54	0.016
101	9.187		0.0000	0.000	93.2	0.006	BB	0.011	144.68	0.022
102	9.204		0.0000	0.000	89.7	0.006	BB	0.009	171.59	0.026
103	9.221		0.0000	0.000	241.4	0.015	BB	0.011	352.49	0.053
104	9.263		0.0000	0.000	2642.4	0.168	BB	0.040	1113.64	0.166
105	9.420		0.0000	0.000	263.2	0.017	BB	0.023	188.32	0.028
106	9.440		0.0000	0.000	898.3	0.057	BB	0.040	377.34	0.056
107	9.503		0.0000	0.000	565.3	0.036	BB	0.023	417.06	0.062
108	9.553		0.0000	0.000	303.7	0.019	BB	0.020	258.86	0.039
109	9.616		0.0000	0.000	168.0	0.011	BB	0.009	309.70	0.046
110	9.634		0.0000	0.000	31.2	0.002	BB	0.006	84.53	0.013
111	9.683		0.0000	0.000	68.7	0.004	BB	0.010	110.88	0.017
112	9.703		0.0000	0.000	3030.2	0.192	BB	0.097	519.41	0.077
113	9.969		0.0000	0.000	36867.6	2.339	BB	0.137	4469.29	0.667

Total Area = 1575991.0, Total Amount = 40.469, Total Height = 670305.1, Sample Units = ug/l

ASX05 1032

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.48R

C:\CPWIN\DATA1\8P2235.48R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 9:41:52 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.48R

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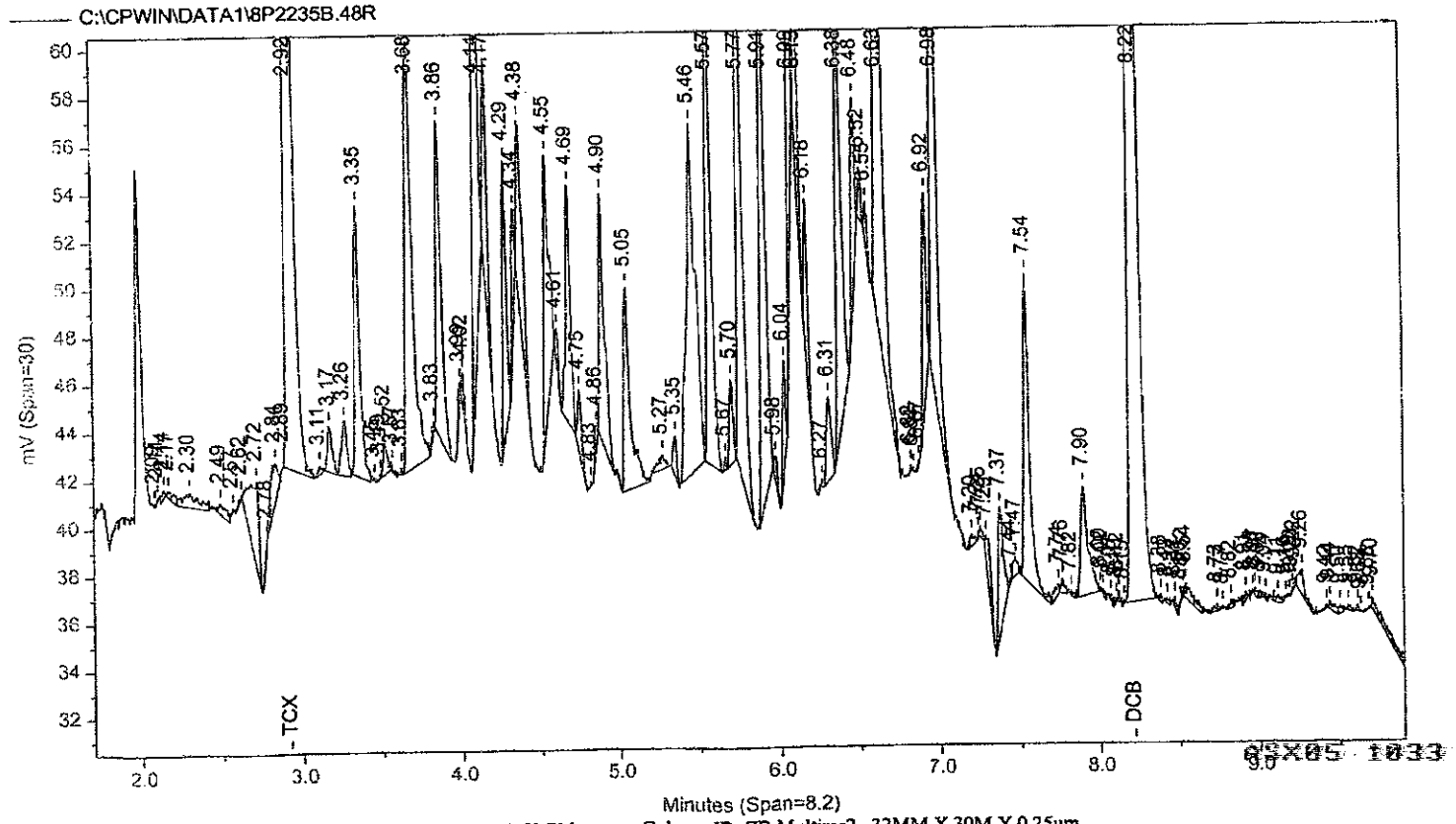


Instrument ID: CP02--H2601B Injected On: 9/4/2008 9:41:52 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 1
Analyst: 2280

Dilution Factor: 1

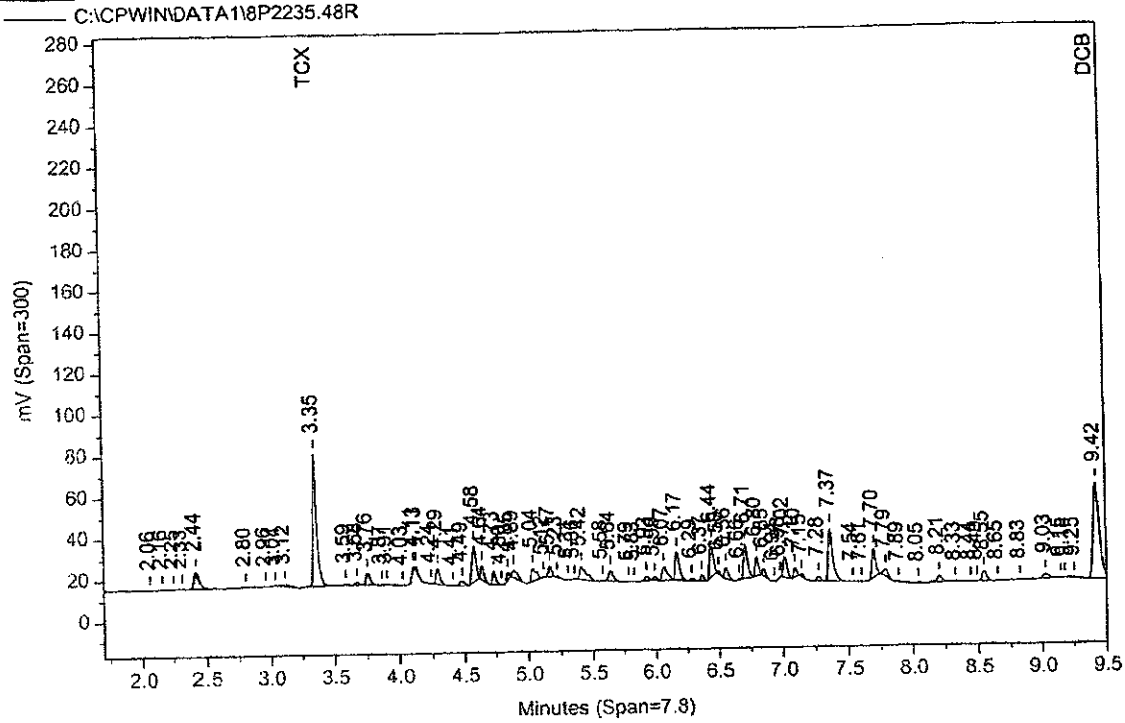
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.35	63963	20.05904	TCX	2.923	107834	20.24171	TCX
9.423	46132	20.17777	DCB	8.218	93030	20.22707	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.48A
Area File: C:\CPWIN\DATA1\8P2235B.48A
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: 9/4/2008 9:51:56 PM
File Reported On: 9/4/2008 at 9:52:03 PM

10X REPLOTS

ASX85 1034

C:\CPWIN\DATA1\8P2235.48R



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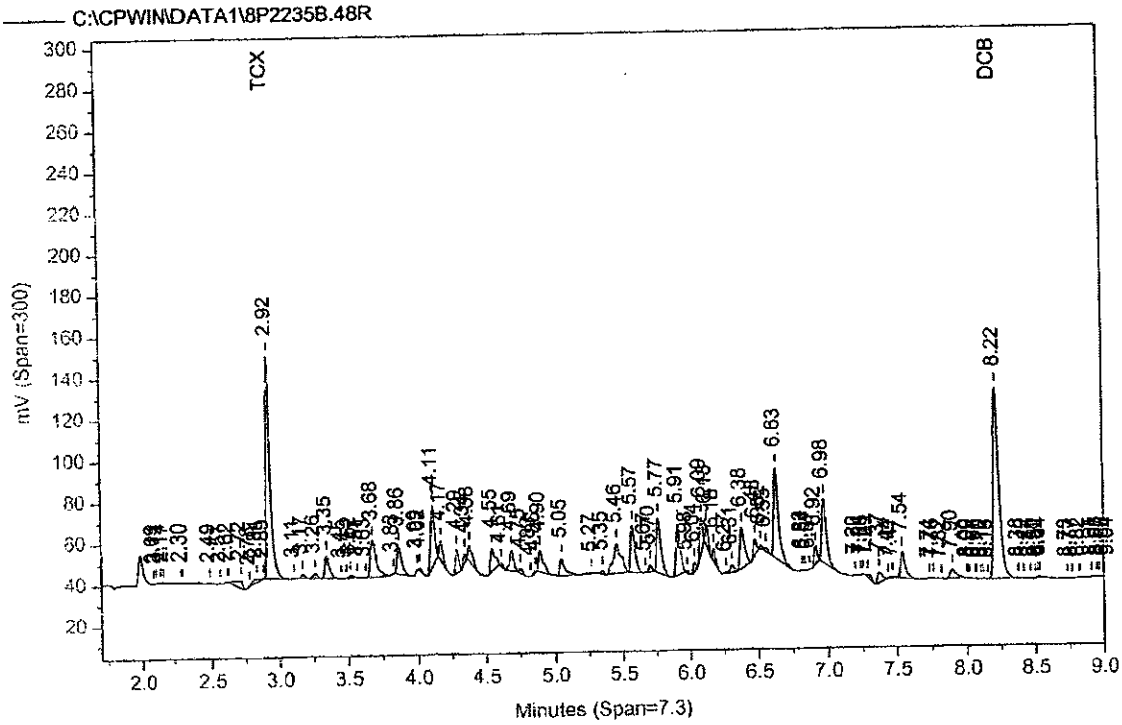

ASX05 1035

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601A via port 1 on 9/4/08 10:06:14pm 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\8P2235.49R**
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	2.044		0.0000	0.000	278.7	0.072	BB	0.047	98.66	0.074
2	2.153		0.0000	0.000	692.3	0.179	BB	0.052	219.95	0.165
3	2.243		0.0000	0.000	642.2	0.166	BB	0.043	249.30	0.187
4	2.336		0.0000	0.000	602.2	0.155	BB	0.041	247.82	0.186
5	2.434		0.0000	0.000	940.8	0.243	BB	0.042	370.58	0.278
6	2.527		0.0000	0.000	272.9	0.070	BB	0.037	122.65	0.092
7	2.600		0.0000	0.000	59.5	0.015	BB	0.038	26.00	0.020
8	2.707		0.0000	0.000	189.9	0.049	BB	0.049	64.66	0.049
9	2.792		0.0000	0.000	1799.1	0.464	BB	0.056	536.19	0.403
10	2.871		0.0000	0.000	103.1	0.027	BB	0.030	57.50	0.043
11	3.025		0.0000	0.000	15633.2	4.036	BB	0.109	2393.82	1.799
12	3.349	TCX	20.0448	48.804	130952.0	33.806	BB	0.034	63917.39	48.023
13	3.492		0.0000	0.000	452.2	0.117	BB	0.055	136.82	0.103
14	3.629		0.0000	0.000	95.5	0.025	BB	0.041	38.59	0.029
15	3.663		0.0000	0.000	997.2	0.257	BB	0.028	599.06	0.450
16	3.868		0.0000	0.000	357.7	0.092	BB	0.044	134.40	0.101
17	3.914		0.0000	0.000	105.9	0.027	BB	0.023	76.30	0.057
18	3.959		0.0000	0.000	24.4	0.006	BB	0.026	15.69	0.012
19	4.024		0.0000	0.000	382.1	0.099	BB	0.030	213.69	0.161
20	4.077		0.0000	0.000	1198.4	0.309	BB	0.051	394.35	0.296
21	4.247		0.0000	0.000	1069.4	0.276	BB	0.071	251.85	0.189
22	4.381		0.0000	0.000	440.8	0.114	BB	0.095	77.27	0.058
23	4.686		0.0000	0.000	82.4	0.021	BB	0.027	50.35	0.038
24	4.731		0.0000	0.000	136.3	0.035	BB	0.028	82.29	0.062
25	5.239		0.0000	0.000	2457.7	0.634	BB	0.476	86.12	0.065
26	5.280		0.0000	0.000	149.7	0.039	BB	0.024	103.32	0.078
27	5.327		0.0000	0.000	3315.0	0.856	BB	0.146	377.20	0.283
28	5.582		0.0000	0.000	598.9	0.155	BB	0.061	162.39	0.122
29	5.693		0.0000	0.000	236.3	0.061	BB	0.034	116.39	0.087
30	5.803		0.0000	0.000	491.0	0.127	BB	0.076	108.08	0.081
31	5.882		0.0000	0.000	27.9	0.007	BB	0.018	25.95	0.019
32	5.954		0.0000	0.000	1440.8	0.372	BB	0.055	435.65	0.327
33	6.052		0.0000	0.000	159.4	0.041	BB	0.029	90.57	0.068
34	6.195		0.0000	0.000	563.8	0.146	BB	0.050	186.48	0.140
35	6.268		0.0000	0.000	54.8	0.014	BB	0.020	45.38	0.034
36	6.307		0.0000	0.000	53.1	0.014	BB	0.017	51.98	0.039
37	6.365		0.0000	0.000	2722.1	0.703	BB	0.038	1203.32	0.904
38	6.438		0.0000	0.000	320.1	0.083	BB	0.058	92.69	0.070
39	6.611		0.0000	0.000	204.4	0.053	BB	0.050	67.59	0.051
40	6.722		0.0000	0.000	156.7	0.040	BB	0.071	36.58	0.027
41	6.764		0.0000	0.000	435.4	0.112	BB	0.042	174.46	0.131
42	6.932		0.0000	0.000	4906.1	1.267	BB	0.109	748.35	0.562
43	7.125		0.0000	0.000	1048.6	0.271	BB	0.067	260.86	0.196
44	7.272		0.0000	0.000	1011.8	0.261	BB	0.049	343.74	0.258
45	7.391		0.0000	0.000	1980.3	0.511	BB	0.080	413.78	0.311
46	7.517		0.0000	0.000	75.1	0.019	BB	0.031	40.43	0.030
47	7.599		0.0000	0.000	1206.3	0.311	BB	0.062	324.14	0.244
48	7.727		0.0000	0.000	1354.3	0.350	BB	0.109	206.93	0.155
49	7.862		0.0000	0.000	55.9	0.014	BB	0.020	47.51	0.036
50	7.893		0.0000	0.000	611.7	0.158	BB	0.086	118.43	0.089
51	8.339		0.0000	0.000	4949.6	1.278	BB	0.237	347.47	0.261
52	8.411		0.0000	0.000	19.3	0.005	BB	0.015	21.68	0.016
53	8.496		0.0000	0.000	113.5	0.029	BB	0.037	51.39	0.039
54	8.648		0.0000	0.000	1378.5	0.356	BB	0.114	201.46	0.151
55	8.713		0.0000	0.000	46.6	0.012	BB	0.022	35.98	0.027
56	8.751		0.0000	0.000	218.2	0.056	BB	0.060	61.01	0.046
57	8.835		0.0000	0.000	104.4	0.027	BB	0.027	65.14	0.049
58	8.903		0.0000	0.000	83.1	0.021	BB	0.028	49.24	0.037
59	8.938		0.0000	0.000	129.7	0.033	BB	0.029	75.46	0.057
60	9.033		0.0000	0.000	1310.4	0.338	BB	0.049	448.06	0.337
61	9.183		0.0000	0.000	1421.7	0.367	BB	0.079	300.77	0.226
62	9.317		0.0000	0.000	285.4	0.074	BB	0.045	106.88	0.080

ASX05 1036

IBLKX0824C AAPIBLKAA PIBLK0824799999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.425	DCB	21.0270	51.196	161438.9	41.676	BB	0.056	48073.62	36.119
64	9.687		0.0000	0.000	181.2	0.047	BB	0.034	87.73	0.066
65	9.745		0.0000	0.000	155.3	0.040	BB	0.035	74.66	0.056
66	9.945		0.0000	0.000	32383.2	8.360	BB	0.079	6853.87	5.149

Total Area = 387364.6, Total Amount = 41.072, Total Height = 133097.9, Sample Units = ug/l

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601B via port 2 on 9/4/08 10:06:14pm 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\8P2235B.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	2.036		0.0000	0.000	1532.0	0.231	BB	0.031	827.16	0.331
2	2.187		0.0000	0.000	5483.9	0.829	BB	0.098	930.34	0.372
3	2.387		0.0000	0.000	1546.8	0.234	BB	0.054	477.07	0.191
4	2.451		0.0000	0.000	403.3	0.061	BB	0.019	359.82	0.144
5	2.485		0.0000	0.000	556.8	0.084	BB	0.032	294.39	0.118
6	2.539		0.0000	0.000	138.7	0.021	BB	0.010	234.30	0.094
7	2.587		0.0000	0.000	506.5	0.077	BB	0.029	287.76	0.115
8	2.637		0.0000	0.000	16299.5	2.463	BB	0.125	2169.72	0.868
9	2.804		0.0000	0.000	1958.2	0.296	BB	0.046	714.71	0.286
10	2.834		0.0000	0.000	511.4	0.077	BB	0.025	341.21	0.137
11	2.923	TCX	20.8348	49.737	258043.0	38.991	BB	0.039	110993.50	44.418
12	3.156		0.0000	0.000	700.0	0.106	BB	0.029	407.24	0.163
13	3.245		0.0000	0.000	3699.3	0.559	BB	0.034	1822.10	0.729
14	3.334		0.0000	0.000	1873.2	0.283	BB	0.039	808.64	0.324
15	3.421		0.0000	0.000	281.4	0.043	BB	0.014	335.76	0.134
16	3.483		0.0000	0.000	174.4	0.026	BB	0.013	222.42	0.089
17	3.510		0.0000	0.000	81.3	0.012	BB	0.005	274.30	0.110
18	3.533		0.0000	0.000	459.2	0.069	BB	0.036	211.83	0.085
19	3.584		0.0000	0.000	228.3	0.035	BB	0.033	114.00	0.046
20	3.598		0.0000	0.000	812.7	0.123	BB	0.047	285.95	0.114
21	3.686		0.0000	0.000	141.8	0.021	BB	0.010	227.82	0.091
22	3.730		0.0000	0.000	287.3	0.043	BB	0.020	237.14	0.095
23	3.797		0.0000	0.000	64.5	0.010	BB	0.008	141.55	0.057
24	3.832		0.0000	0.000	1461.4	0.221	BB	0.028	872.96	0.349
25	3.890		0.0000	0.000	1018.9	0.154	BB	0.029	581.24	0.233
26	3.950		0.0000	0.000	914.7	0.138	BB	0.030	501.00	0.200
27	4.080		0.0000	0.000	175.3	0.026	BB	0.017	172.55	0.069
28	4.127		0.0000	0.000	327.7	0.050	BB	0.014	379.51	0.152
29	4.230		0.0000	0.000	999.9	0.151	BB	0.039	427.00	0.171
30	4.303		0.0000	0.000	1868.3	0.282	BB	0.052	598.37	0.239
31	4.430		0.0000	0.000	216.5	0.033	BB	0.012	299.73	0.120
32	4.658		0.0000	0.000	693.6	0.105	BB	0.033	347.15	0.139
33	4.680		0.0000	0.000	1534.1	0.232	BB	0.071	360.39	0.144
34	4.833		0.0000	0.000	810.4	0.122	BB	0.033	411.91	0.165
35	5.059		0.0000	0.000	584.7	0.088	BB	0.029	337.20	0.135
36	5.078		0.0000	0.000	940.6	0.142	BB	0.032	492.85	0.197
37	5.160		0.0000	0.000	19.6	0.003	BB	0.004	92.86	0.037
38	5.276		0.0000	0.000	1182.2	0.179	BB	0.035	569.89	0.228
39	5.327		0.0000	0.000	1427.6	0.216	BB	0.065	363.93	0.146
40	5.412		0.0000	0.000	466.0	0.070	BB	0.022	352.57	0.141
41	5.427		0.0000	0.000	207.9	0.031	BB	0.011	313.83	0.126
42	5.450		0.0000	0.000	1302.6	0.197	BB	0.056	389.45	0.156
43	5.627		0.0000	0.000	144.3	0.022	BB	0.005	451.97	0.181
44	5.643		0.0000	0.000	2114.8	0.320	BB	0.152	231.29	0.093
45	5.776		0.0000	0.000	239.0	0.036	BB	0.015	264.28	0.106
46	5.826		0.0000	0.000	299.4	0.045	BB	0.017	292.14	0.117
47	5.891		0.0000	0.000	172.2	0.026	BB	0.012	240.42	0.096
48	5.925		0.0000	0.000	4861.1	0.735	BB	0.041	1988.19	0.796
49	6.046		0.0000	0.000	80.7	0.012	BB	0.015	92.36	0.037
50	6.066		0.0000	0.000	152.2	0.023	BB	0.011	224.30	0.090
51	6.094		0.0000	0.000	470.0	0.071	BB	0.027	295.48	0.118
52	6.154		0.0000	0.000	63.9	0.010	BB	0.005	224.44	0.090
53	6.175		0.0000	0.000	92.5	0.014	BB	0.008	182.77	0.073
54	6.211		0.0000	0.000	106.1	0.016	BB	0.015	120.38	0.048
55	6.243		0.0000	0.000	219.4	0.033	BB	0.007	515.28	0.206
56	6.276		0.0000	0.000	488.9	0.074	BB	0.039	208.51	0.083
57	6.330		0.0000	0.000	506.5	0.077	BB	0.024	349.46	0.140
58	6.379		0.0000	0.000	486.2	0.073	BB	0.029	278.86	0.112
59	6.527		0.0000	0.000	4050.7	0.612	BB	0.214	315.03	0.126
60	6.544		0.0000	0.000	199.4	0.030	BB	0.015	219.52	0.088
61	6.575		0.0000	0.000	7543.8	1.140	BB	0.123	1024.24	0.410
62	6.794		0.0000	0.000	69.8	0.011	BB	0.008	148.41	0.059

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.810		0.0000	0.000	339.3	0.051	BB	0.028	203.71	0.082
64	6.860		0.0000	0.000	166.5	0.025	BB	0.007	370.06	0.148
65	6.894		0.0000	0.000	59.4	0.009	BB	0.008	119.98	0.048
66	6.947		0.0000	0.000	10195.2	1.541	BB	0.128	1323.56	0.530
67	7.243		0.0000	0.000	78.7	0.012	BB	0.011	121.22	0.049
68	7.389		0.0000	0.000	3024.7	0.457	BB	0.093	539.35	0.216
69	7.567		0.0000	0.000	62.8	0.009	BB	0.010	101.38	0.041
70	7.593		0.0000	0.000	422.7	0.064	BB	0.038	187.34	0.075
71	7.770		0.0000	0.000	932.4	0.141	BB	0.049	318.89	0.128
72	7.882		0.0000	0.000	324.7	0.049	BB	0.057	95.34	0.038
73	7.893		0.0000	0.000	1284.8	0.194	BB	0.033	643.12	0.257
74	8.007		0.0000	0.000	832.2	0.126	BB	0.031	452.80	0.181
75	8.120		0.0000	0.000	484.0	0.073	BB	0.027	295.81	0.118
76	8.221	DCB	21.0553	50.263	283826.2	42.887	BB	0.049	96839.13	38.754
77	8.470		0.0000	0.000	360.4	0.054	BB	0.017	361.83	0.145
78	8.544		0.0000	0.000	618.3	0.093	BB	0.029	352.21	0.141
79	8.730		0.0000	0.000	427.6	0.065	BB	0.019	383.85	0.154
80	8.760		0.0000	0.000	202.5	0.031	BB	0.011	303.81	0.122
81	8.791		0.0000	0.000	1146.6	0.173	BB	0.036	529.81	0.212
82	8.877		0.0000	0.000	104.2	0.016	BB	0.011	161.05	0.064
83	8.908		0.0000	0.000	199.8	0.030	BB	0.014	230.98	0.092
84	8.963		0.0000	0.000	3199.4	0.483	BB	0.081	655.65	0.262
85	9.077		0.0000	0.000	819.3	0.124	BB	0.031	436.61	0.175
86	9.129		0.0000	0.000	120.5	0.018	BB	0.008	263.11	0.105
87	9.144		0.0000	0.000	115.4	0.017	BB	0.008	250.31	0.100
88	9.210		0.0000	0.000	241.1	0.036	BB	0.012	324.97	0.130
89	9.234		0.0000	0.000	328.4	0.050	BB	0.014	384.89	0.154
90	9.387		0.0000	0.000	183.9	0.028	BB	0.008	387.55	0.155
91	9.413		0.0000	0.000	81.8	0.012	BB	0.006	219.40	0.088
92	9.437		0.0000	0.000	330.3	0.050	BB	0.013	429.59	0.172
93	9.460		0.0000	0.000	208.5	0.032	BB	0.013	275.91	0.110
94	9.485		0.0000	0.000	1482.7	0.224	BB	0.046	537.62	0.215
95	9.581		0.0000	0.000	349.7	0.053	BB	0.019	305.11	0.122
96	9.630		0.0000	0.000	377.5	0.057	BB	0.014	458.21	0.183
97	9.693		0.0000	0.000	5284.4	0.798	BB	0.427	206.02	0.082
98	9.926		0.0000	0.000	8192.2	1.238	BB	0.069	1979.45	0.792
99	9.945		0.0000	0.000	1100.4	0.166	BB	0.031	582.89	0.233

Total Area = 661804.4, Total Amount = 41.89, Total Height = 249883.0, Sample Units = ug/l

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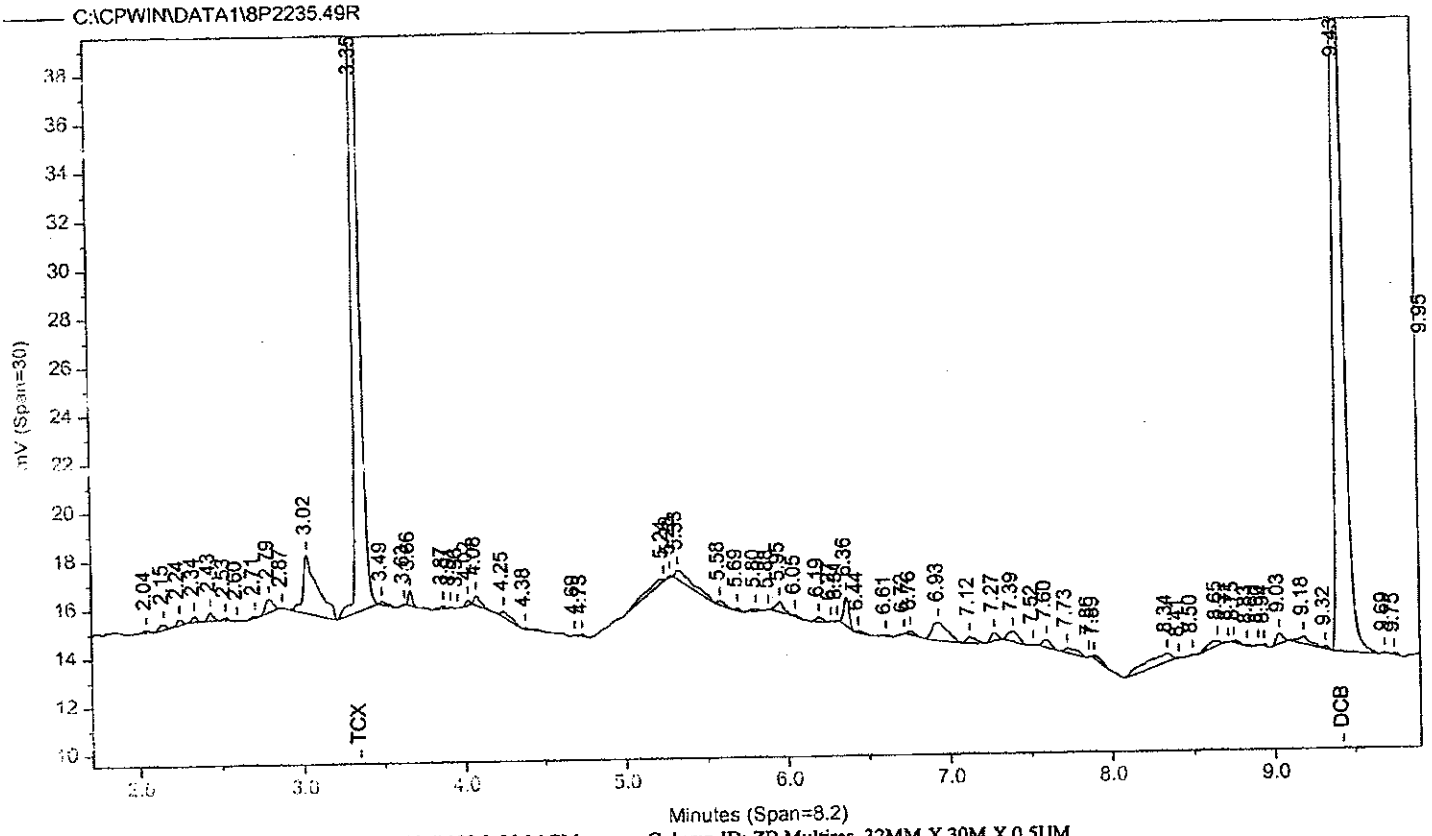
IBLKX0824C AAPIBLKAA PIBLK0824799999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\8P2235.49R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 9:56:14 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

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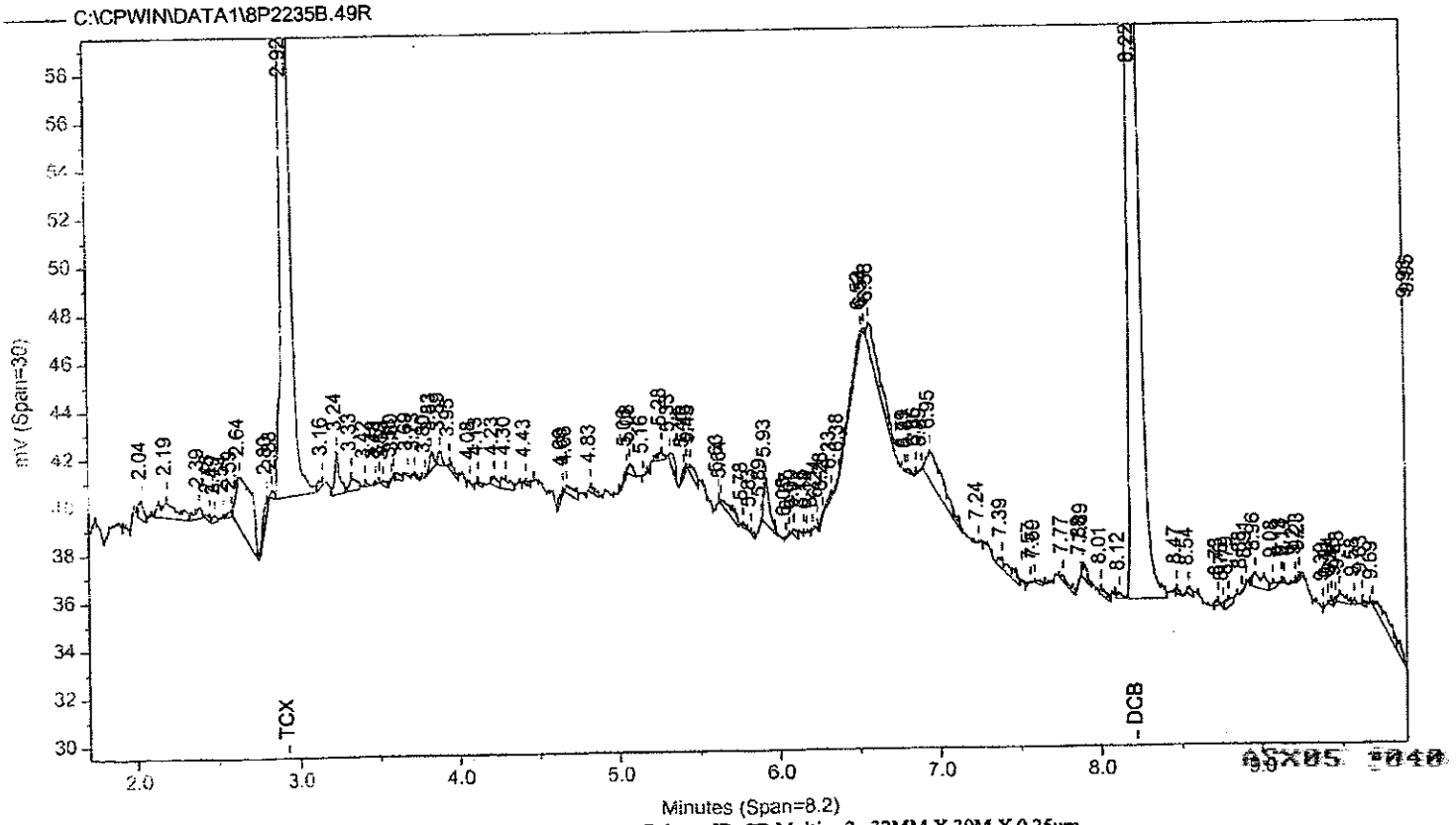

Instrument ID: CP02--H2601B Injected On: 9/4/2008 9:56:14 PM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 1
Analyst: 2280

Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	63917	20.04483	TCX	2.923	110994	20.83475	TCX
9.425	48074	21.02695	DCB	8.221	96839	21.05528	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.49A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 10:06:18 PM
File Reported On: 9/4/2008 at 10:06:25 PM

10X REPLOTS

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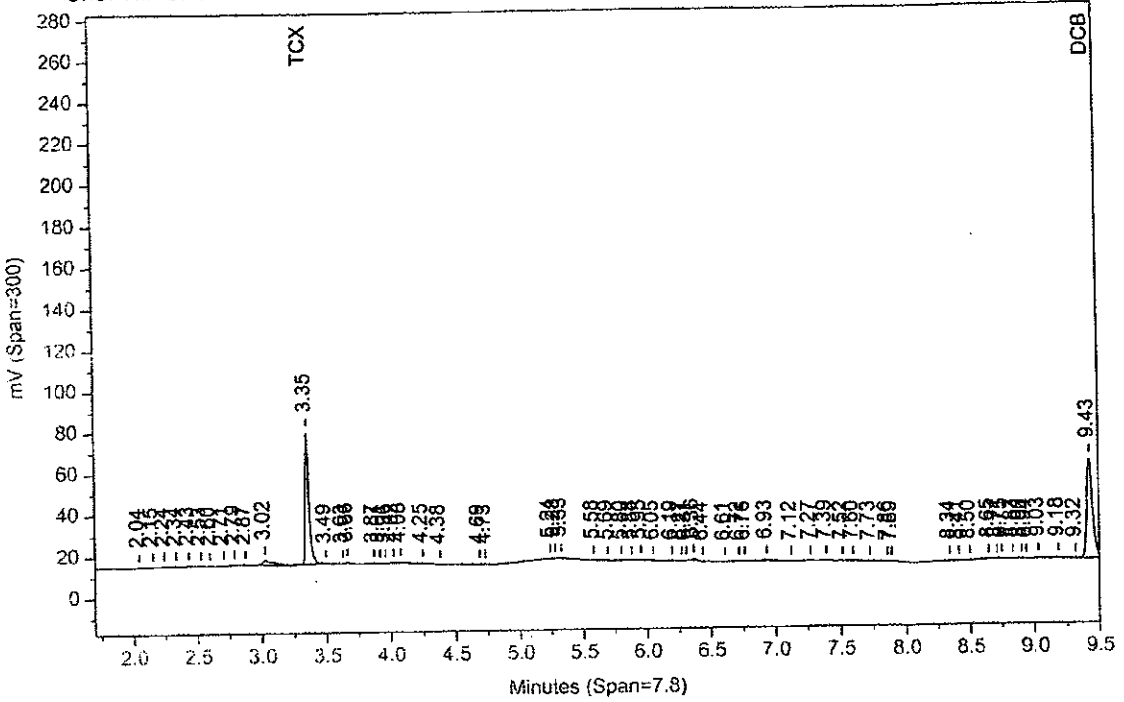
C:\CPWIN\DATA1\8P2235.49R



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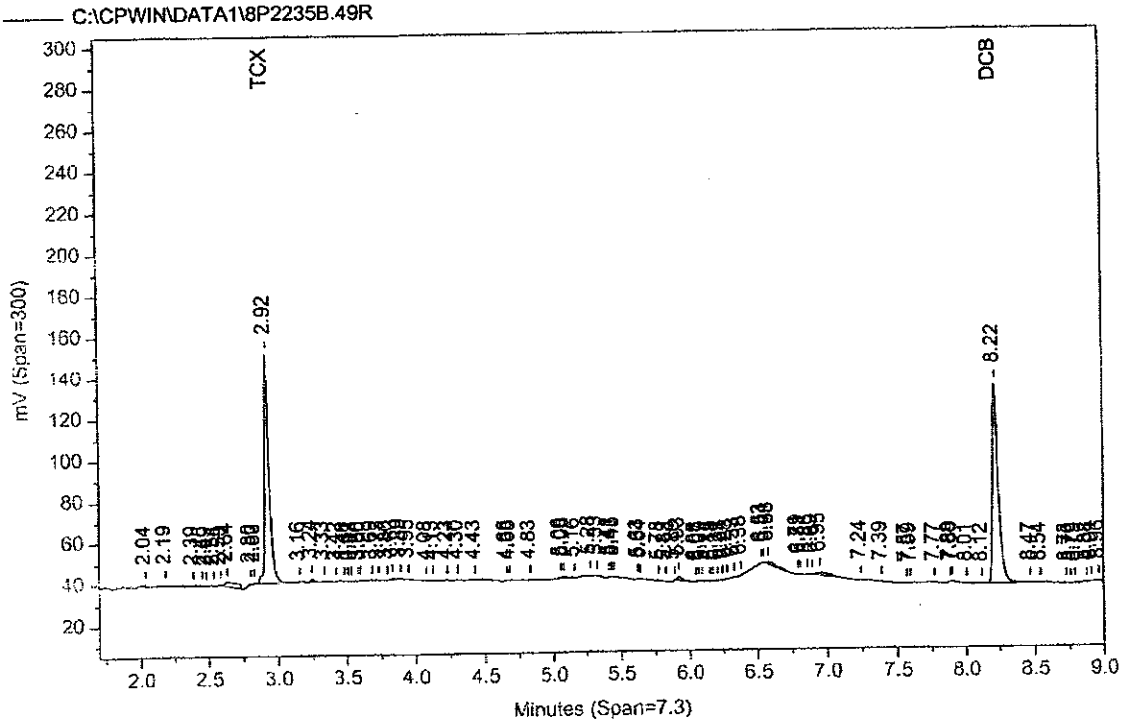

ASX85 1042

Sample Name: **AR1630824A FMAR163FM CCAL 0824799999**
Acquired from CP02--H2601A via port 1 on 9/5/08 12:44:54am 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\8P2235.60R**
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	2.093		0.0000	0.000	84.0	0.005	BB	0.067	21.00	0.003
2	2.157		0.0000	0.000	1276.5	0.069	BB	0.042	511.39	0.067
3	2.330		0.0000	0.000	4133.6	0.224	BB	0.101	684.65	0.090
4	2.439		0.0000	0.000	19628.1	1.065	BB	0.037	8771.42	1.155
5	2.595		0.0000	0.000	40.9	0.002	BB	0.026	26.55	0.003
6	2.714		0.0000	0.000	217.0	0.012	BB	0.057	63.22	0.008
7	2.806		0.0000	0.000	767.5	0.042	BB	0.053	242.94	0.032
8	2.942		0.0000	0.000	57.0	0.003	BB	0.046	20.64	0.003
9	3.024		0.0000	0.000	195.9	0.011	BB	0.040	82.13	0.011
10	3.122		0.0000	0.000	4840.3	0.263	BB	0.110	734.45	0.097
11	3.351	TCX	41.6064	50.433	281531.7	15.273	BB	0.035	132671.30	17.469
12	3.592		0.0000	0.000	4059.3	0.220	BB	0.034	1983.07	0.261
13	3.680		0.0000	0.000	7371.5	0.400	BB	0.038	3195.01	0.421
14	3.759		0.0000	0.000	28979.4	1.572	BB	0.038	12796.09	1.685
15	3.872		0.0000	0.000	51.2	0.003	BB	0.016	54.50	0.007
16	3.909		0.0000	0.000	3347.5	0.182	BB	0.037	1506.07	0.198
17	4.108		0.0000	0.000	7686.2	0.417	BB	0.023	5617.20	0.740
18	4.125		0.0000	0.000	3505.0	0.190	BB	0.018	3168.86	0.417
19	4.238		0.0000	0.000	631.9	0.034	BB	0.020	534.47	0.070
20	4.292		0.0000	0.000	34963.7	1.897	BB	0.037	15849.62	2.087
21	4.411		0.0000	0.000	369.2	0.020	BB	0.024	256.32	0.034
22	4.487		0.0000	0.000	12289.5	0.667	BB	0.047	4389.86	0.578
23	4.581		0.0000	0.000	82607.6	4.481	BB	0.039	35561.48	4.683
24	4.644		0.0000	0.000	25049.4	1.359	BB	0.030	14125.59	1.860
25	4.736		0.0000	0.000	26203.7	1.421	BB	0.031	14127.99	1.860
26	4.797		0.0000	0.000	414.5	0.022	BB	0.018	391.66	0.052
27	4.848		0.0000	0.000	10678.5	0.579	BB	0.023	7578.87	0.998
28	4.891		0.0000	0.000	23316.0	1.265	BB	0.048	8092.97	1.066
29	5.039		0.0000	0.000	38061.1	2.065	BB	0.047	13573.15	1.787
30	5.120		0.0000	0.000	2264.0	0.123	BB	0.019	2006.49	0.264
31	5.173		0.0000	0.000	21184.9	1.149	BB	0.031	11282.18	1.486
32	5.231		0.0000	0.000	3425.8	0.186	BB	0.025	2254.05	0.297
33	5.304		0.0000	0.000	511.3	0.028	BB	0.026	327.68	0.043
34	5.364		0.0000	0.000	552.0	0.030	BB	0.023	401.87	0.053
35	5.416		0.0000	0.000	49543.3	2.688	BB	0.063	13196.49	1.738
36	5.583		0.0000	0.000	1294.4	0.070	BB	0.026	834.77	0.110
37	5.644		0.0000	0.000	26154.9	1.419	BB	0.040	10959.06	1.443
38	5.782		0.0000	0.000	87.9	0.005	BB	0.033	44.15	0.006
39	5.839		0.0000	0.000	505.3	0.027	BB	0.031	270.19	0.036
40	5.932		0.0000	0.000	11843.1	0.642	BB	0.039	5107.02	0.672
41	5.995		0.0000	0.000	7005.5	0.380	BB	0.028	4208.42	0.554
42	6.066		0.0000	0.000	39812.8	2.160	BB	0.050	13398.16	1.764
43	6.167		0.0000	0.000	65023.3	3.527	BB	0.038	28308.00	3.727
44	6.286		0.0000	0.000	5300.0	0.288	BB	0.036	2477.14	0.326
45	6.367		0.0000	0.000	10147.8	0.551	BB	0.031	5404.85	0.712
46	6.441		0.0000	0.000	70899.5	3.846	BB	0.036	33106.59	4.359
47	6.494		0.0000	0.000	3341.8	0.181	BB	0.023	2410.09	0.317
48	6.557		0.0000	0.000	26823.1	1.455	BB	0.037	12110.80	1.595
49	6.660		0.0000	0.000	1832.1	0.099	BB	0.023	1348.55	0.178
50	6.706		0.0000	0.000	78803.8	4.275	BB	0.037	35235.84	4.640
51	6.796		0.0000	0.000	34193.3	1.855	BB	0.029	19512.79	2.569
52	6.852		0.0000	0.000	13704.8	0.743	BB	0.027	8514.37	1.121
53	7.013		0.0000	0.000	62448.7	3.388	BB	0.042	24696.12	3.252
54	7.094		0.0000	0.000	15625.6	0.848	BB	0.028	9216.12	1.214
55	7.144		0.0000	0.000	4549.9	0.247	BB	0.025	3007.52	0.396
56	7.204		0.0000	0.000	348.0	0.019	BB	0.024	237.75	0.031
57	7.275		0.0000	0.000	10881.3	0.590	BB	0.035	5196.18	0.684
58	7.361		0.0000	0.000	135032.8	7.325	BB	0.042	53440.58	7.037
59	7.696		0.0000	0.000	63377.3	3.438	BB	0.037	28886.15	3.804
60	7.794		0.0000	0.000	18735.2	1.016	BB	0.039	7984.02	1.051
61	8.044		0.0000	0.000	1338.5	0.073	BB	0.037	600.97	0.079
62	8.206		0.0000	0.000	21277.2	1.154	BB	0.058	6142.50	0.809

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.546		0.0000	0.000	36264.9	1.967	BB	0.043	13907.54	1.831
64	8.643		0.0000	0.000	993.9	0.054	BB	0.032	520.40	0.069
65	8.762		0.0000	0.000	73.2	0.004	BB	0.043	28.54	0.004
66	8.825		0.0000	0.000	216.7	0.012	BB	0.052	69.42	0.009
67	9.028		0.0000	0.000	12680.9	0.688	BB	0.049	4326.44	0.570
68	9.185		0.0000	0.000	1179.2	0.064	BB	0.094	208.15	0.027
69	9.421	DCB	40.8927	49.567	329201.6	17.859	BB	0.059	93492.49	12.311
70	9.842		0.0000	0.000	112.9	0.006	BB	0.053	35.81	0.005
71	9.934		0.0000	0.000	32435.3	1.760	BB	0.067	8097.17	1.066

Total Area = 1843386.0, Total Amount = 82.499, Total Height = 759445.9, Sample Units = ug/l

ASX05 1044

Sample Name: **AR1630824A FMAR163FM CCAL 0824799999**
Acquired from CP02--H2601B via port 2 on 9/5/08 12:44:54am 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\8P2235B.60R**
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	2.087		0.0000	0.000	49.3	0.002	BB	0.007	123.93	0.009
2	2.104		0.0000	0.000	184.0	0.006	BB	0.007	440.74	0.033
3	2.137		0.0000	0.000	2226.1	0.071	BB	0.056	662.52	0.050
4	2.236		0.0000	0.000	30.5	0.001	BB	0.003	155.18	0.012
5	2.268		0.0000	0.000	604.9	0.019	BB	0.028	354.28	0.027
6	2.353		0.0000	0.000	108.4	0.003	BB	0.007	264.69	0.020
7	2.387		0.0000	0.000	517.9	0.016	BB	0.035	248.67	0.019
8	2.486		0.0000	0.000	1445.3	0.046	BB	0.054	447.52	0.033
9	2.588		0.0000	0.000	205.3	0.007	BB	0.020	169.34	0.013
10	2.619		0.0000	0.000	212.0	0.007	BB	0.014	261.36	0.020
11	2.653		0.0000	0.000	277.0	0.009	BB	0.012	371.32	0.028
12	2.672		0.0000	0.000	239.9	0.008	BB	0.017	231.10	0.017
13	2.717		0.0000	0.000	2912.2	0.092	BB	0.024	2002.96	0.150
14	2.845		0.0000	0.000	14599.1	0.462	BB	0.103	2367.57	0.177
15	2.925	TCX	40.1671	50.786	495580.6	15.695	BB	0.039	213983.30	16.010
16	3.104		0.0000	0.000	568.2	0.018	BB	0.019	492.75	0.037
17	3.154		0.0000	0.000	41.4	0.001	BB	0.005	130.91	0.010
18	3.176		0.0000	0.000	7092.4	0.225	BB	0.031	3761.10	0.281
19	3.267		0.0000	0.000	14101.3	0.447	BB	0.042	5579.03	0.417
20	3.350		0.0000	0.000	55230.3	1.749	BB	0.039	23355.98	1.747
21	3.522		0.0000	0.000	7252.7	0.230	BB	0.040	2995.39	0.224
22	3.637		0.0000	0.000	22.3	0.001	BB	0.005	75.90	0.006
23	3.682		0.0000	0.000	113678.5	3.600	BB	0.052	36574.55	2.736
24	3.821		0.0000	0.000	1097.6	0.035	BB	0.016	1110.36	0.083
25	3.864		0.0000	0.000	61914.4	1.961	BB	0.037	27693.98	2.072
26	3.994		0.0000	0.000	2679.7	0.085	BB	0.023	1933.88	0.145
27	4.014		0.0000	0.000	3596.3	0.114	BB	0.023	2660.12	0.199
28	4.111		0.0000	0.000	127483.6	4.038	BB	0.035	60758.09	4.546
29	4.167		0.0000	0.000	36208.3	1.147	BB	0.030	19960.93	1.493
30	4.287		0.0000	0.000	40674.7	1.288	BB	0.028	24533.21	1.836
31	4.345		0.0000	0.000	12947.8	0.410	BB	0.022	10028.52	0.750
32	4.378		0.0000	0.000	36541.4	1.157	BB	0.039	15458.45	1.157
33	4.548		0.0000	0.000	54124.1	1.714	BB	0.038	23768.75	1.778
34	4.612		0.0000	0.000	3822.2	0.121	BB	0.018	3530.35	0.264
35	4.690		0.0000	0.000	42463.1	1.345	BB	0.035	20452.95	1.530
36	4.755		0.0000	0.000	8746.9	0.277	BB	0.027	5489.26	0.411
37	4.826		0.0000	0.000	245.9	0.008	BB	0.018	223.29	0.017
38	4.862		0.0000	0.000	2856.6	0.090	BB	0.021	2280.64	0.171
39	4.898		0.0000	0.000	53770.9	1.703	BB	0.040	22360.53	1.673
40	4.994		0.0000	0.000	1329.1	0.042	BB	0.021	1058.28	0.079
41	5.051		0.0000	0.000	46397.3	1.469	BB	0.043	18098.56	1.354
42	5.237		0.0000	0.000	220.9	0.007	BB	0.017	210.94	0.016
43	5.271		0.0000	0.000	2363.6	0.075	BB	0.043	916.31	0.069
44	5.351		0.0000	0.000	5713.0	0.181	BB	0.028	3461.80	0.259
45	5.457		0.0000	0.000	117027.4	3.706	BB	0.068	28830.94	2.157
46	5.574		0.0000	0.000	108153.8	3.425	BB	0.038	47050.13	3.520
47	5.670		0.0000	0.000	1045.6	0.033	BB	0.016	1093.32	0.082
48	5.706		0.0000	0.000	13231.2	0.419	BB	0.027	8183.24	0.612
49	5.767		0.0000	0.000	129444.6	4.100	BB	0.039	55981.43	4.188
50	5.910		0.0000	0.000	110976.7	3.515	BB	0.037	50256.39	3.760
51	5.981		0.0000	0.000	3311.9	0.105	BB	0.021	2620.05	0.196
52	6.036		0.0000	0.000	12750.6	0.404	BB	0.023	9221.76	0.690
53	6.085		0.0000	0.000	57447.6	1.819	BB	0.028	34691.23	2.595
54	6.126		0.0000	0.000	28856.0	0.914	BB	0.022	21679.58	1.622
55	6.175		0.0000	0.000	17807.0	0.564	BB	0.023	13016.99	0.974
56	6.309		0.0000	0.000	16150.7	0.512	BB	0.034	8031.07	0.601
57	6.378		0.0000	0.000	96966.1	3.071	BB	0.039	41736.22	3.123
58	6.477		0.0000	0.000	28493.1	0.902	BB	0.027	17305.34	1.295
59	6.519		0.0000	0.000	4239.0	0.134	BB	0.018	4030.00	0.302
60	6.555		0.0000	0.000	4289.8	0.136	BB	0.021	3429.49	0.257
61	6.630		0.0000	0.000	215734.2	6.832	BB	0.039	91352.74	6.835
62	6.837		0.0000	0.000	166.1	0.005	BB	0.009	294.91	0.022

ASX05 1045

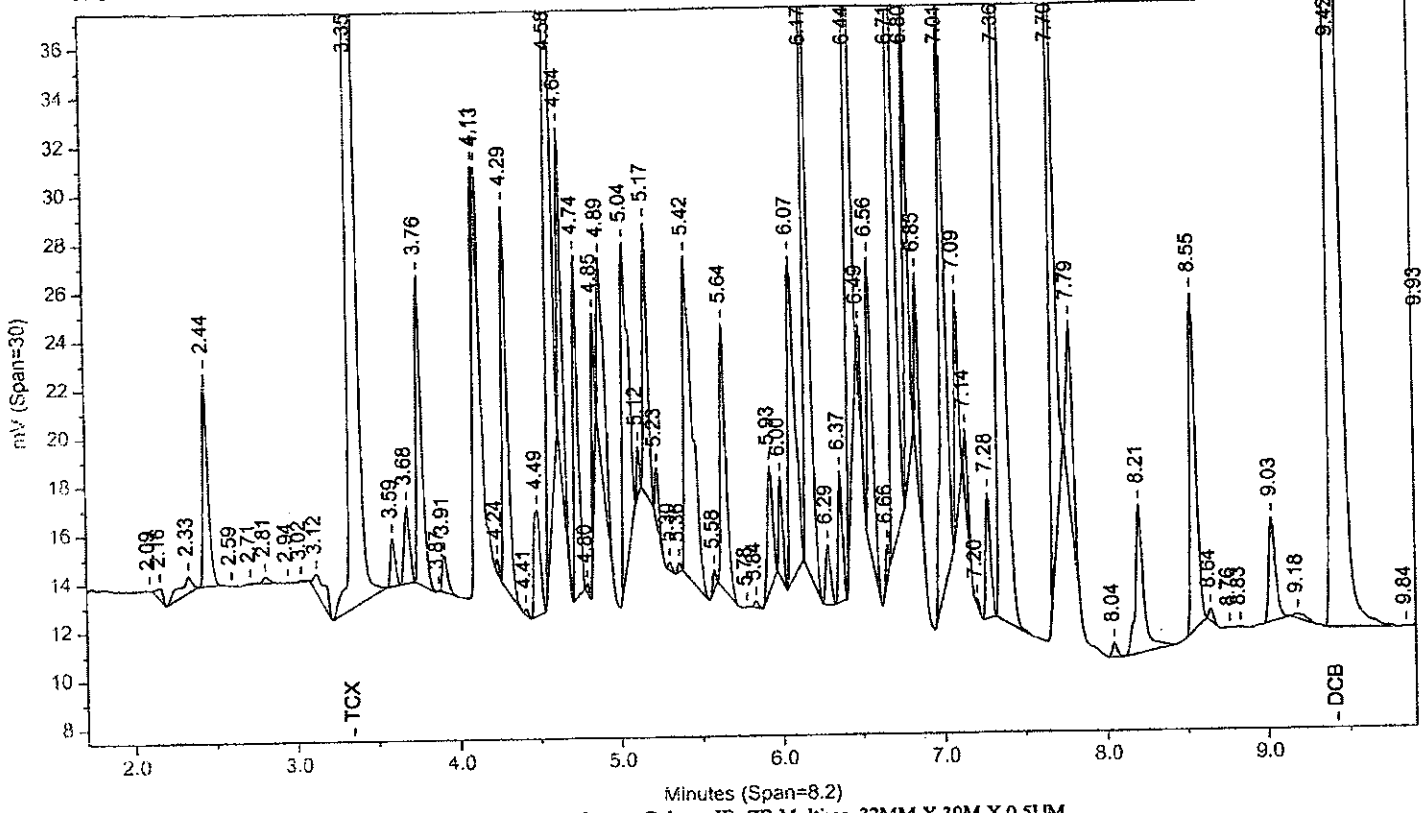
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.860		0.0000	0.000	43.5	0.001	BB	0.006	118.73	0.009
64	6.915		0.0000	0.000	32896.1	1.042	BB	0.028	19292.60	1.443
65	6.976		0.0000	0.000	150277.3	4.759	BB	0.038	65994.37	4.938
66	7.188		0.0000	0.000	2246.1	0.071	BB	0.030	1265.33	0.095
67	7.252		0.0000	0.000	1360.5	0.043	BB	0.022	1051.73	0.079
68	7.290		0.0000	0.000	1448.9	0.046	BB	0.024	1002.11	0.075
69	7.369		0.0000	0.000	26684.3	0.845	BB	0.038	11738.95	0.878
70	7.540		0.0000	0.000	77609.2	2.458	BB	0.045	28844.30	2.158
71	7.741		0.0000	0.000	640.0	0.020	BB	0.032	331.81	0.025
72	7.804		0.0000	0.000	383.2	0.012	BB	0.022	289.74	0.022
73	7.819		0.0000	0.000	195.5	0.006	BB	0.016	206.62	0.015
74	7.898		0.0000	0.000	27870.2	0.883	BB	0.045	10367.58	0.776
75	8.087		0.0000	0.000	1677.3	0.053	BB	0.060	468.17	0.035
76	8.219	DCB	38.9244	49.214	554016.2	17.546	BB	0.052	179024.20	13.394
77	8.450		0.0000	0.000	161.9	0.005	BB	0.007	372.22	0.028
78	8.513		0.0000	0.000	664.7	0.021	BB	0.049	226.57	0.017
79	8.544		0.0000	0.000	380.2	0.012	BB	0.024	265.95	0.020
80	8.601		0.0000	0.000	418.5	0.013	BB	0.025	275.29	0.021
81	8.706		0.0000	0.000	431.6	0.014	BB	0.028	257.36	0.019
82	8.770		0.0000	0.000	668.7	0.021	BB	0.020	558.06	0.042
83	8.836		0.0000	0.000	277.6	0.009	BB	0.014	324.75	0.024
84	8.853		0.0000	0.000	106.4	0.003	BB	0.006	294.15	0.022
85	8.886		0.0000	0.000	100.5	0.003	BB	0.009	188.96	0.014
86	8.920		0.0000	0.000	100.5	0.003	BB	0.013	127.74	0.010
87	8.964		0.0000	0.000	381.7	0.012	BB	0.023	281.00	0.021
88	8.986		0.0000	0.000	706.8	0.022	BB	0.039	305.87	0.023
89	9.054		0.0000	0.000	415.7	0.013	BB	0.031	222.25	0.017
90	9.170		0.0000	0.000	827.2	0.026	BB	0.028	487.39	0.036
91	9.480		0.0000	0.000	598.5	0.019	BB	0.039	255.79	0.019
92	9.503		0.0000	0.000	187.1	0.006	BB	0.015	215.02	0.016
93	9.544		0.0000	0.000	130.0	0.004	BB	0.010	224.90	0.017
94	9.569		0.0000	0.000	392.7	0.012	BB	0.022	300.84	0.023
95	9.737		0.0000	0.000	6112.5	-0.194	BB	0.118	860.50	0.064
96	9.931		0.0000	0.000	38597.9	1.222	BB	0.060	10706.67	0.801

Total Area = 3157478.0, Total Amount = 79.091, Total Height = 1336592.0, Sample Units = ug/l

ASX05 1046

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.60R

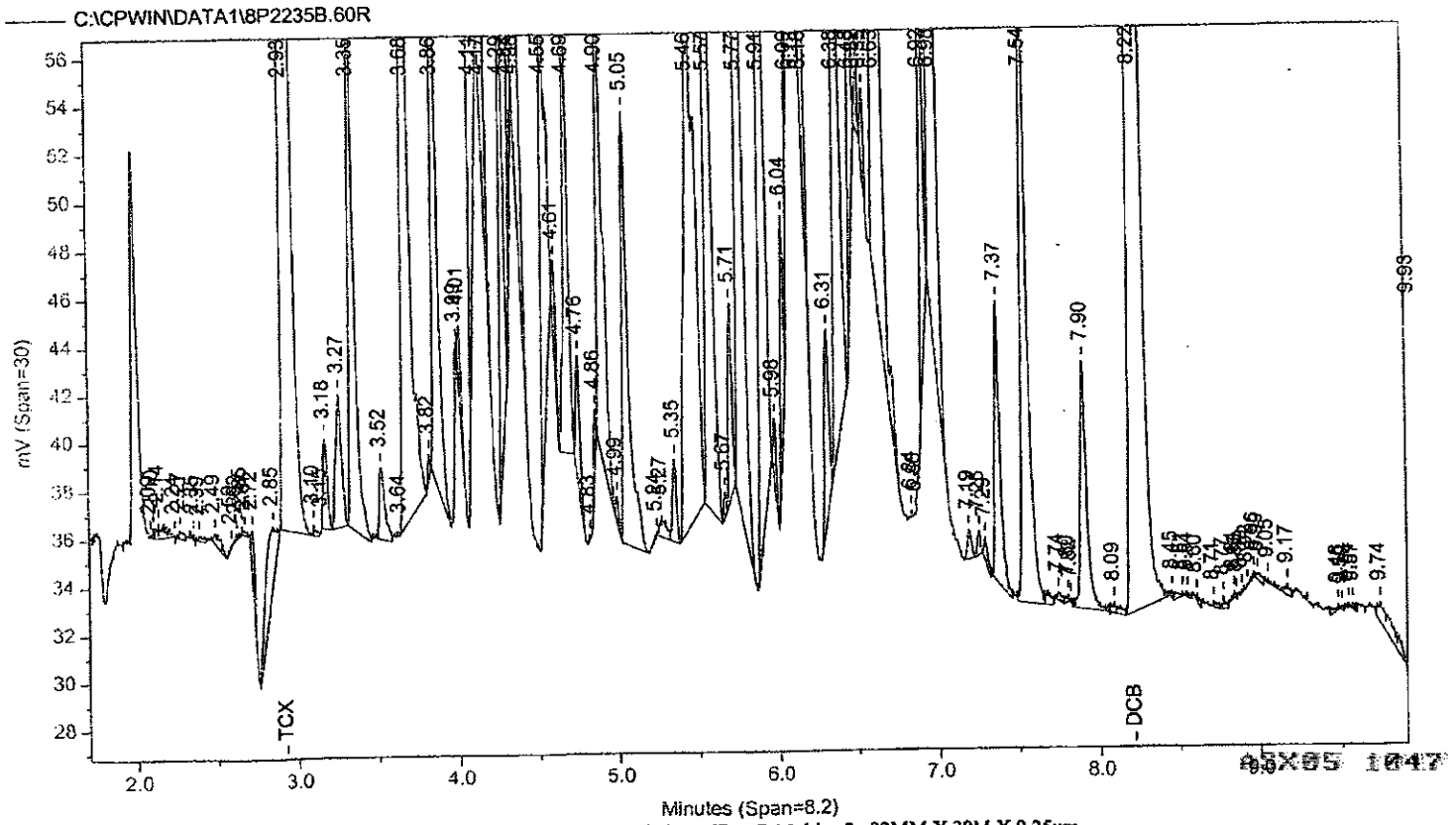
C:\CPWIN\DATA1\8P2235.60R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 12:34:54 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.60R

C:\CPWIN\DATA1\8P2235B.60R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 12:34:54 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

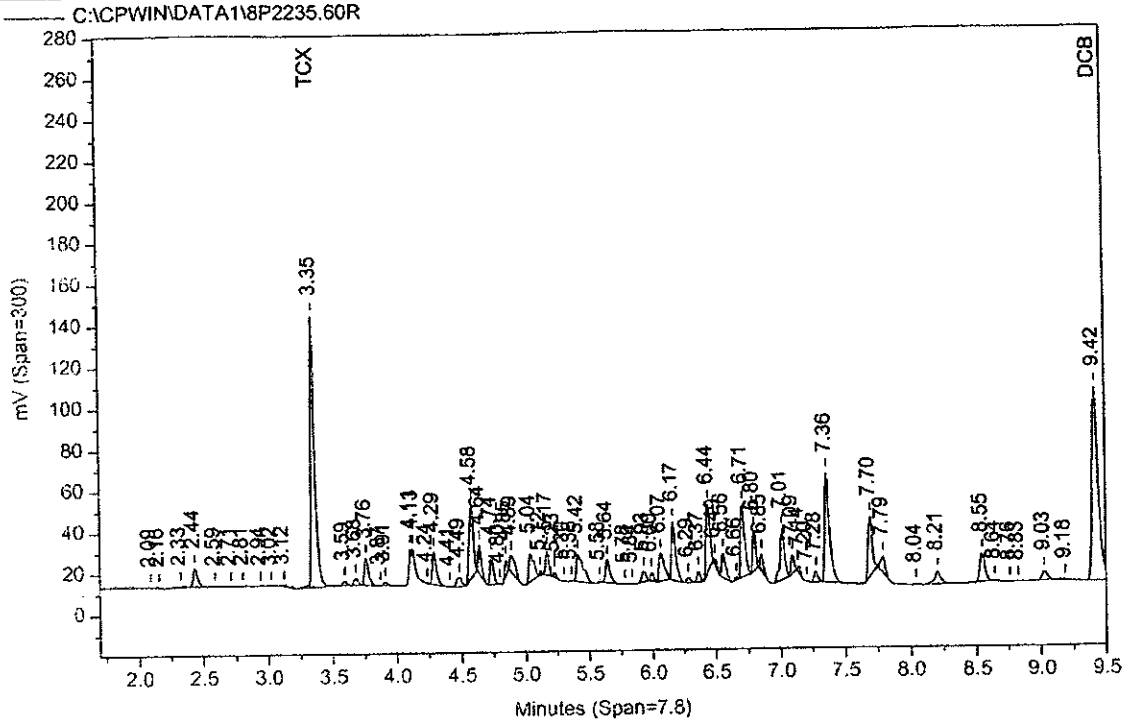
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.351	132671	41.60642	TCX	2.925	213983	40.16711	TCX
9.421	93492	40.89275	DCB	8.219	179024	38.92439	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.60A
Area File: C:\CPWIN\DATA1\8P2235B.60A
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 12:44:58 AM
File Reported On: 9/5/2008 at 12:45:04 AM

10X REPLOTS

ASX85 1048

C:\CPWIN\DATA1\8P2235.60R



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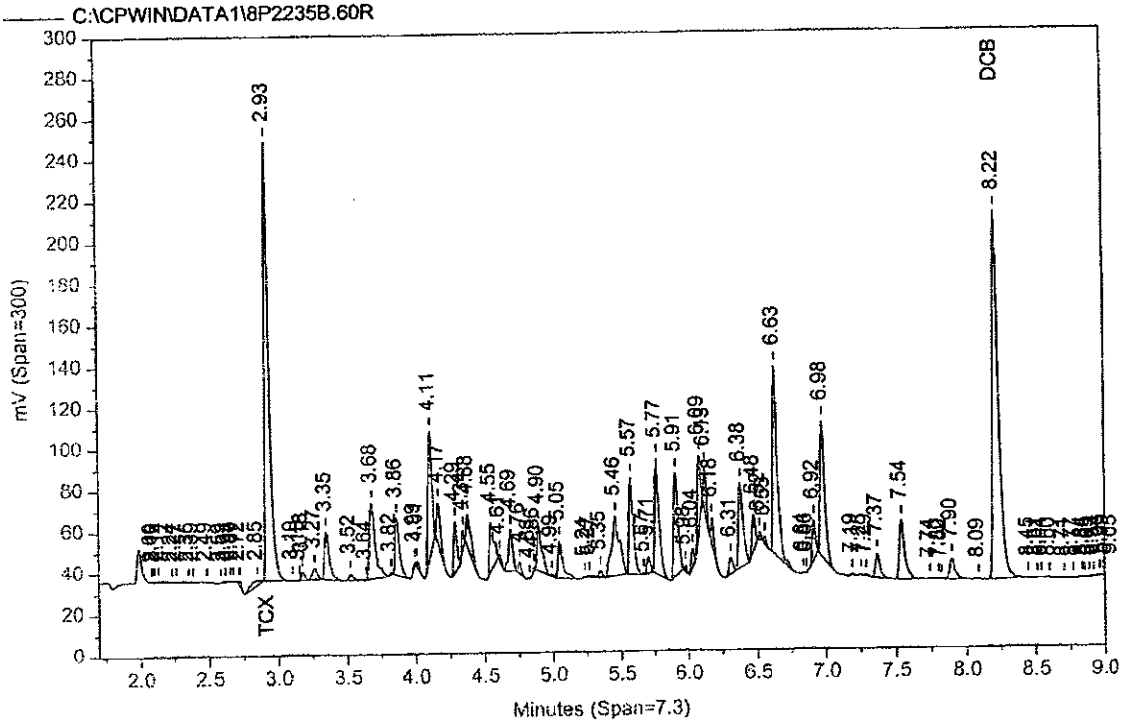

ASX85 1849

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601A via port 1 on 9/5/08 12:59:21am 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\8P2235.61R**
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	2.083		0.0000	0.000	143.3	0.036	BB	0.075	31.91	0.024
2	2.159		0.0000	0.000	785.7	0.200	BB	0.037	353.57	0.264
3	2.331		0.0000	0.000	2542.1	0.645	BB	0.117	361.99	0.271
4	2.439		0.0000	0.000	2192.3	0.557	BB	0.038	970.93	0.726
5	2.539		0.0000	0.000	114.3	0.029	BB	0.038	50.12	0.037
6	2.743		0.0000	0.000	239.0	0.061	BB	0.098	40.46	0.030
7	2.805		0.0000	0.000	155.9	0.040	BB	0.051	50.71	0.038
8	2.945		0.0000	0.000	114.9	0.029	BB	0.049	39.42	0.029
9	3.026		0.0000	0.000	120.7	0.031	BB	0.030	67.17	0.050
10	3.111		0.0000	0.000	682.7	0.173	BB	0.062	184.56	0.138
11	3.186		0.0000	0.000	341.8	0.087	BB	0.026	218.85	0.164
12	3.352	TCX	20.5821	48.815	132801.3	33.722	BB	0.034	65630.72	49.043
13	3.666		0.0000	0.000	1404.6	0.357	BB	0.032	722.19	0.540
14	3.874		0.0000	0.000	252.9	0.064	BB	0.044	95.85	0.072
15	4.035		0.0000	0.000	50.7	0.013	BB	0.037	22.62	0.017
16	4.556		0.0000	0.000	389.5	0.099	BB	0.046	141.70	0.106
17	4.724		0.0000	0.000	180.9	0.046	BB	0.047	64.18	0.048
18	5.317		0.0000	0.000	35271.0	8.956	BB	0.411	1430.40	1.069
19	5.817		0.0000	0.000	173.8	0.044	BB	0.061	47.45	0.035
20	5.957		0.0000	0.000	1140.4	0.290	BB	0.062	308.44	0.230
21	6.191		0.0000	0.000	253.3	0.064	BB	0.048	88.84	0.066
22	6.370		0.0000	0.000	5095.9	1.294	BB	0.055	1543.67	1.154
23	6.511		0.0000	0.000	15.4	0.004	BB	0.017	15.49	0.012
24	6.564		0.0000	0.000	375.2	0.095	BB	0.055	113.33	0.085
25	6.720		0.0000	0.000	214.1	0.054	BB	0.044	80.53	0.060
26	6.769		0.0000	0.000	106.7	0.027	BB	0.023	78.17	0.058
27	6.924		0.0000	0.000	140.5	0.036	BB	0.037	63.97	0.048
28	7.015		0.0000	0.000	19.4	0.005	BB	0.017	18.82	0.014
29	7.128		0.0000	0.000	1091.0	0.277	BB	0.050	366.04	0.274
30	7.226		0.0000	0.000	58.7	0.015	BB	0.033	29.76	0.022
31	7.260		0.0000	0.000	23.4	0.006	BB	0.015	26.40	0.020
32	7.441		0.0000	0.000	821.0	0.208	BB	0.113	120.62	0.090
33	7.697		0.0000	0.000	709.0	0.180	BB	0.170	69.38	0.052
34	7.885		0.0000	0.000	741.5	0.188	BB	0.123	100.63	0.075
35	8.052		0.0000	0.000	166.0	0.042	BB	0.035	78.46	0.059
36	8.220		0.0000	0.000	465.0	0.118	BB	0.123	63.20	0.047
37	8.316		0.0000	0.000	936.2	0.238	BB	0.097	160.77	0.120
38	8.626		0.0000	0.000	182.9	0.046	BB	0.090	33.74	0.025
39	8.743		0.0000	0.000	433.1	0.110	BB	0.080	89.84	0.067
40	8.848		0.0000	0.000	118.5	0.030	BB	0.044	45.12	0.034
41	9.036		0.0000	0.000	1827.2	0.464	BB	0.068	449.47	0.336
42	9.145		0.0000	0.000	1999.9	0.508	BB	0.173	192.57	0.144
43	9.427	DCB	21.5812	51.185	165899.4	42.126	BB	0.056	49340.79	36.871
44	9.665		0.0000	0.000	307.5	0.078	BB	0.075	68.61	0.051
45	9.844		0.0000	0.000	126.6	0.032	BB	0.076	27.86	0.021
46	9.922		0.0000	0.000	32589.3	8.275	BB	0.056	9722.23	7.265

Total Area = 393814.6, Total Amount = 42.163, Total Height = 133821.6, Sample Units = ug/l

ASX05 1050

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601B via port 2 on 9/5/08 12:59:21am 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\8P2235B.61R**
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	2.049		0.0000	0.000	50.8	0.008	BB	0.004	209.35	0.082
2	2.114		0.0000	0.000	1425.5	0.213	BB	0.041	575.93	0.226
3	2.177		0.0000	0.000	1433.1	0.214	BB	0.041	576.40	0.226
4	2.306		0.0000	0.000	1038.2	0.155	BB	0.035	500.96	0.196
5	2.353		0.0000	0.000	195.6	0.029	BB	0.018	181.84	0.071
6	2.434		0.0000	0.000	542.4	0.081	BB	0.028	317.80	0.125
7	2.500		0.0000	0.000	1098.8	0.164	BB	0.042	440.65	0.173
8	2.564		0.0000	0.000	149.3	0.022	BB	0.010	250.46	0.098
9	2.584		0.0000	0.000	202.3	0.030	BB	0.011	303.95	0.119
10	2.618		0.0000	0.000	94.7	0.014	BB	0.016	95.77	0.038
11	2.650		0.0000	0.000	151.5	0.023	BB	0.026	95.55	0.037
12	2.663		0.0000	0.000	62.1	0.009	BB	0.007	155.12	0.061
13	2.694		0.0000	0.000	3510.6	0.524	BB	0.061	955.80	0.375
14	2.790		0.0000	0.000	365.3	0.055	BB	0.028	215.92	0.085
15	2.820		0.0000	0.000	909.4	0.136	BB	0.030	511.96	0.201
16	2.850		0.0000	0.000	112.5	0.017	BB	0.009	205.46	0.081
17	2.884		0.0000	0.000	206.2	0.031	BB	0.017	203.98	0.080
18	2.925	TCX	21.1473	50.197	244587.9	36.539	BB	0.036	112658.80	44.150
19	3.077		0.0000	0.000	116.9	0.017	BB	0.010	186.72	0.073
20	3.098		0.0000	0.000	402.5	0.060	BB	0.027	245.77	0.096
21	3.142		0.0000	0.000	871.7	0.130	BB	0.038	384.21	0.151
22	3.248		0.0000	0.000	3007.3	0.449	BB	0.032	1562.03	0.612
23	3.333		0.0000	0.000	624.7	0.093	BB	0.023	452.68	0.177
24	3.399		0.0000	0.000	92.9	0.014	BB	0.006	275.30	0.108
25	3.417		0.0000	0.000	699.6	0.105	BB	0.034	341.60	0.134
26	3.494		0.0000	0.000	686.4	0.103	BB	0.032	352.11	0.138
27	3.550		0.0000	0.000	285.0	0.043	BB	0.019	252.98	0.099
28	3.720		0.0000	0.000	411.2	0.061	BB	0.020	339.95	0.133
29	3.784		0.0000	0.000	96.4	0.014	BB	0.009	179.35	0.070
30	3.816		0.0000	0.000	152.2	0.023	BB	0.017	148.48	0.058
31	3.850		0.0000	0.000	221.4	0.033	BB	0.012	313.50	0.123
32	3.893		0.0000	0.000	827.9	0.124	BB	0.032	427.58	0.168
33	3.951		0.0000	0.000	1248.3	0.186	BB	0.045	459.62	0.180
34	4.043		0.0000	0.000	257.5	0.038	BB	0.017	247.11	0.097
35	4.064		0.0000	0.000	287.8	0.043	BB	0.020	243.88	0.096
36	4.300		0.0000	0.000	1002.8	0.150	BB	0.028	598.99	0.235
38	4.430		0.0000	0.000	96.5	0.014	BB	0.005	299.24	0.117
39	4.463		0.0000	0.000	276.9	0.041	BB	0.013	367.66	0.144
40	4.483		0.0000	0.000	1086.7	0.162	BB	0.052	351.36	0.138
41	4.559		0.0000	0.000	611.5	0.091	BB	0.032	317.43	0.124
42	4.689		0.0000	0.000	571.2	0.085	BB	0.028	337.53	0.132
43	4.849		0.0000	0.000	146.6	0.022	BB	0.007	339.07	0.133
44	4.866		0.0000	0.000	156.8	0.023	BB	0.018	142.94	0.056
45	4.881		0.0000	0.000	642.8	0.096	BB	0.038	278.80	0.109
46	5.010		0.0000	0.000	736.2	0.110	BB	0.028	431.79	0.169
47	5.149		0.0000	0.000	116.5	0.017	BB	0.017	116.15	0.046
48	5.183		0.0000	0.000	74.0	0.011	BB	0.012	102.78	0.040
49	5.218		0.0000	0.000	109.8	0.016	BB	0.022	82.76	0.032
50	5.237		0.0000	0.000	115.8	0.017	BB	0.019	100.11	0.039
51	5.266		0.0000	0.000	1000.1	0.149	BB	0.024	682.21	0.267
52	5.317		0.0000	0.000	1279.0	0.191	BB	0.050	426.33	0.167
53	5.397		0.0000	0.000	141.4	0.021	BB	0.009	277.16	0.109
54	5.416		0.0000	0.000	2227.5	0.333	BB	0.105	353.27	0.138
55	5.834		0.0000	0.000	1095.6	0.164	BB	0.034	535.77	0.210
56	5.923		0.0000	0.000	8871.3	1.325	BB	0.056	2659.42	1.042
57	6.049		0.0000	0.000	104.7	0.016	BB	0.006	278.73	0.109
58	6.064		0.0000	0.000	180.5	0.027	BB	0.012	242.77	0.095
59	6.133		0.0000	0.000	426.4	0.064	BB	0.064	111.22	0.044
60	6.149		0.0000	0.000	44.1	0.007	BB	0.007	98.58	0.039
61	6.172		0.0000	0.000	563.3	0.084	BB	0.036	263.75	0.103
62	6.281		0.0000	0.000	305.6	0.046	BB	0.024	212.49	0.083
63	6.311		0.0000	0.000	131.8	0.020	BB	0.027	80.07	0.031

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
64	6.331		0.0000	0.000	98.3	0.015	BB	0.007	229.56	0.090
65	6.377		0.0000	0.000	133.2	0.020	BB	0.012	183.81	0.072
66	6.408		0.0000	0.000	197.3	0.029	BB	0.023	142.87	0.056
67	6.434		0.0000	0.000	282.1	0.042	BB	0.016	294.69	0.115
68	6.460		0.0000	0.000	251.4	0.038	BB	0.016	254.32	0.100
69	6.484		0.0000	0.000	398.6	0.060	BB	0.020	336.77	0.132
70	6.511		0.0000	0.000	188.4	0.028	BB	0.017	183.14	0.072
71	6.534		0.0000	0.000	283.5	0.042	BB	0.017	280.04	0.110
72	6.550		0.0000	0.000	12.7	0.002	BB	0.001	166.28	0.065
73	6.583		0.0000	0.000	1816.2	0.271	BB	0.042	723.44	0.284
74	6.842		0.0000	0.000	457.4	0.068	BB	0.033	232.44	0.091
75	6.892		0.0000	0.000	83.2	0.012	BB	0.014	95.72	0.038
76	6.917		0.0000	0.000	90.3	0.013	BB	0.005	298.54	0.117
77	6.950		0.0000	0.000	3473.5	0.519	BB	0.095	612.22	0.240
78	7.190		0.0000	0.000	358.8	0.054	BB	0.023	256.23	0.100
79	7.295		0.0000	0.000	1201.0	0.179	BB	0.087	229.05	0.090
80	7.408		0.0000	0.000	1282.8	0.192	BB	0.056	379.01	0.149
81	7.533		0.0000	0.000	272.3	0.041	BB	0.011	424.33	0.166
82	7.583		0.0000	0.000	458.6	0.069	BB	0.024	314.50	0.123
83	7.657		0.0000	0.000	344.3	0.051	BB	0.020	293.23	0.115
84	7.741		0.0000	0.000	682.1	0.102	BB	0.024	482.12	0.189
85	7.900		0.0000	0.000	4599.9	0.687	BB	0.056	1372.40	0.538
86	8.097		0.0000	0.000	1439.7	0.215	BB	0.048	501.30	0.196
87	8.220	DCB	20.9810	49.803	291596.4	43.562	BB	0.050	96497.49	37.816
88	8.450		0.0000	0.000	712.6	0.106	BB	0.028	417.90	0.164
89	8.496		0.0000	0.000	42.4	0.006	BB	0.010	72.75	0.029
90	8.533		0.0000	0.000	204.2	0.031	BB	0.016	219.11	0.086
91	8.553		0.0000	0.000	547.5	0.082	BB	0.025	369.78	0.145
92	8.582		0.0000	0.000	1659.7	0.248	BB	0.060	462.16	0.181
93	8.732		0.0000	0.000	606.3	0.091	BB	0.021	484.05	0.190
94	8.783		0.0000	0.000	311.5	0.047	BB	0.033	155.24	0.061
95	8.820		0.0000	0.000	318.7	0.048	BB	0.023	228.91	0.090
96	8.841		0.0000	0.000	620.7	0.093	BB	0.023	444.82	0.174
97	8.977		0.0000	0.000	19671.3	2.939	BB	0.253	1293.81	0.507
98	9.336		0.0000	0.000	120.1	0.018	BB	0.014	140.19	0.055
99	9.494		0.0000	0.000	1013.4	0.151	BB	0.055	309.32	0.121
100	9.585		0.0000	0.000	246.4	0.037	BB	0.019	212.03	0.083
101	9.617		0.0000	0.000	270.3	0.040	BB	0.017	271.15	0.106
102	9.650		0.0000	0.000	225.6	0.034	BB	0.012	314.21	0.123
103	9.683		0.0000	0.000	7113.2	1.063	BB	0.427	277.87	0.109
104	9.933		0.0000	0.000	37160.1	5.551	BB	0.063	9761.77	3.826

Total Area = 669387.2, Total Amount = 42.128, Total Height = 255175.6, Sample Units = ug/l

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IBLKX0824C AAPIBLKAA PIBLK0824799999

LANCASTER LABORATORIES

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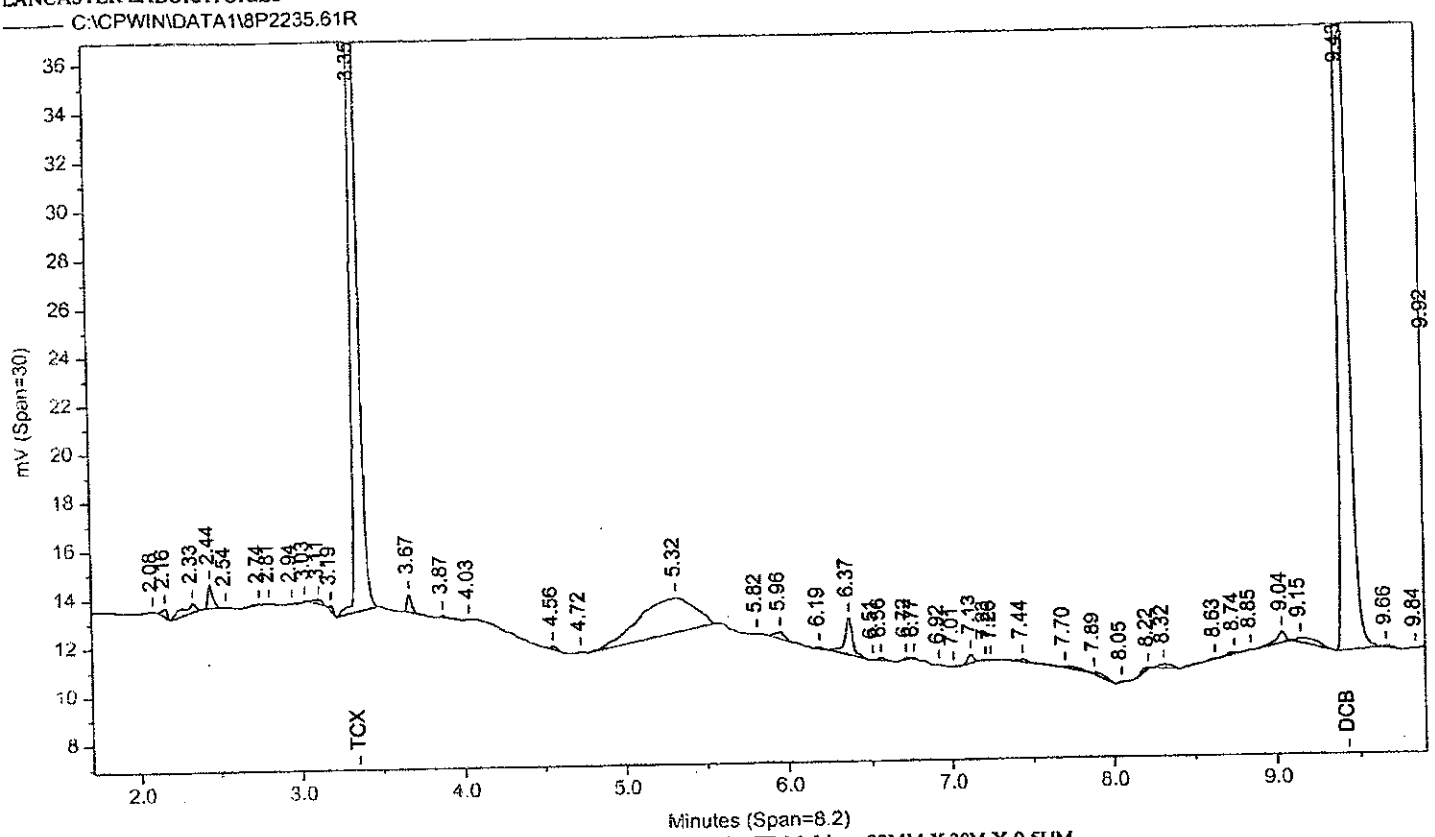

Instrument ID: CP02--H2601A Injected On: 9/5/2008 12:49:21 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

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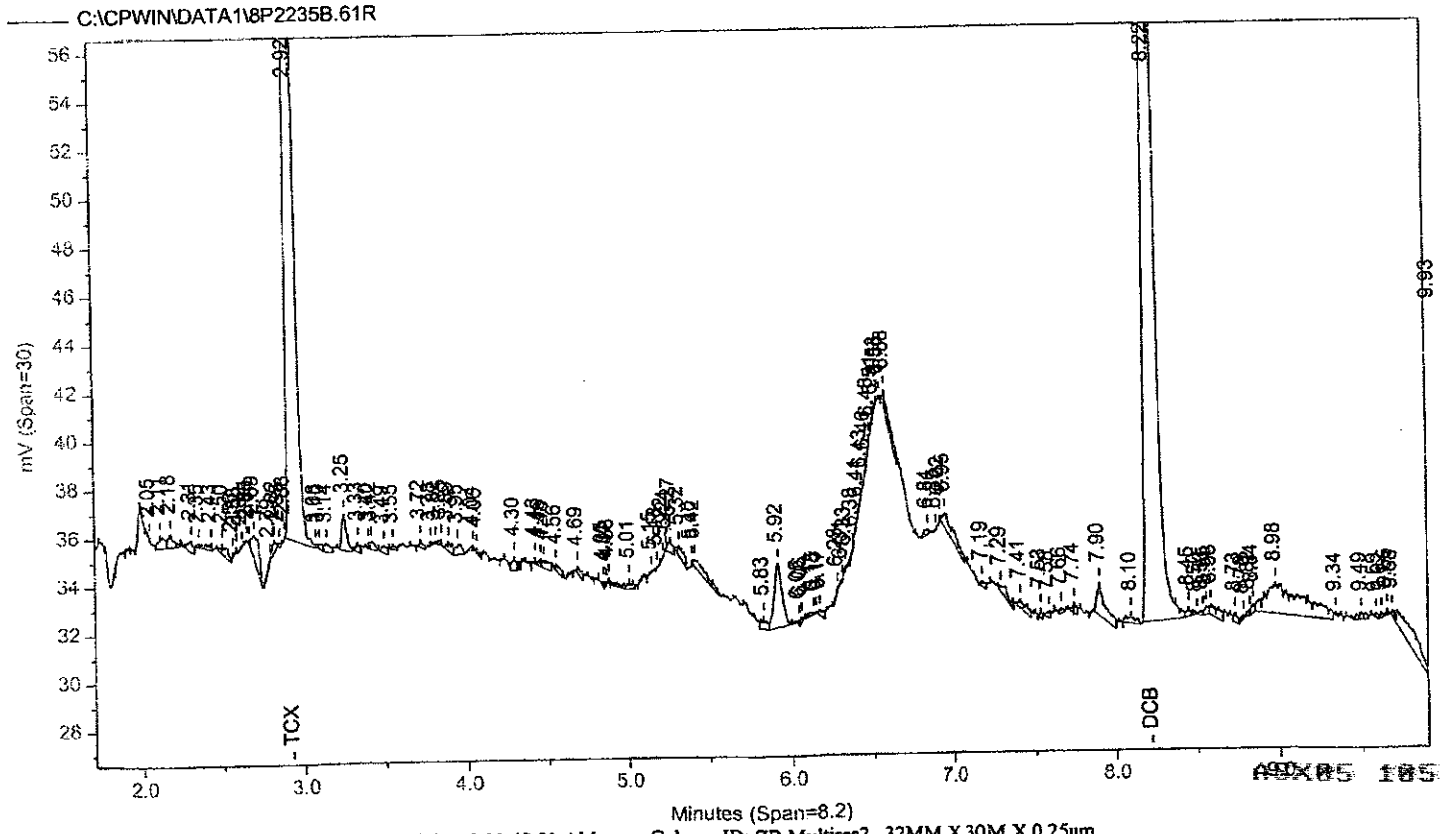

Instrument ID: CP02--H2601B Injected On: 9/5/2008 12:49:21 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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
3.352	65631	20.58214	TCX	2.925	112659	21.14735	TCX
9.427	49341	21.5812	DCB	8.22	96497	20.981	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.61A
Area File: C:\CPWIN\DATA1\8P2235B.61A
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 12:59:24 AM
File Reported On: 9/5/2008 at 12:59:31 AM

10X REPLOTS

ASX05 1854

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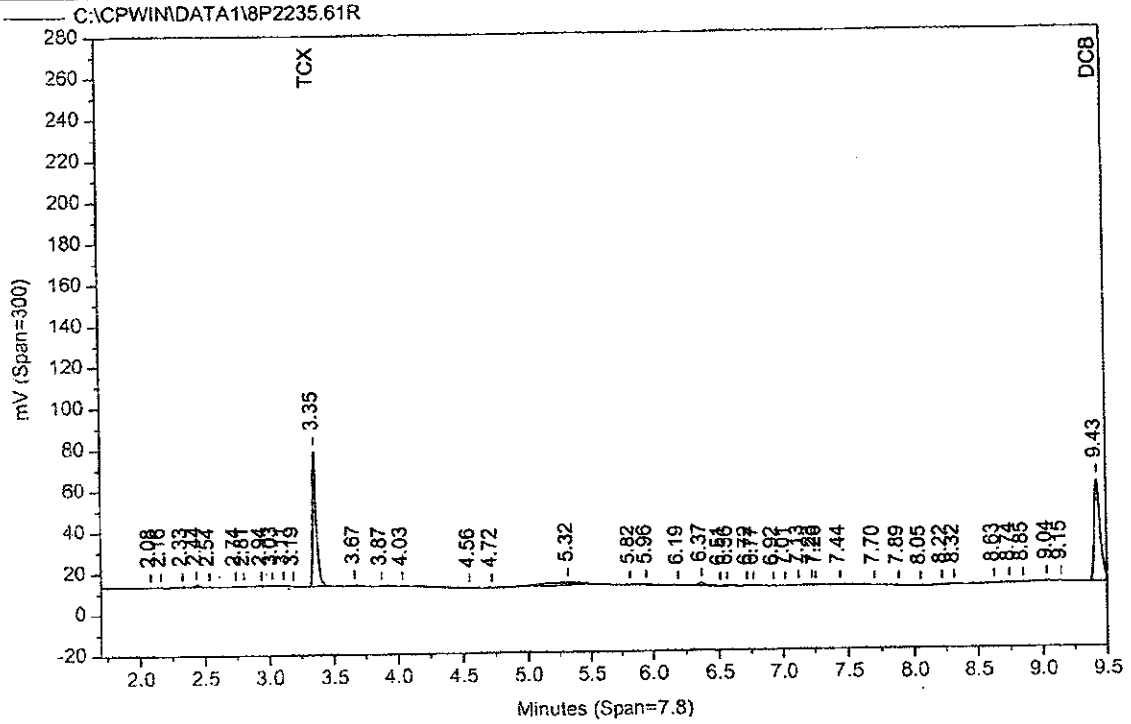

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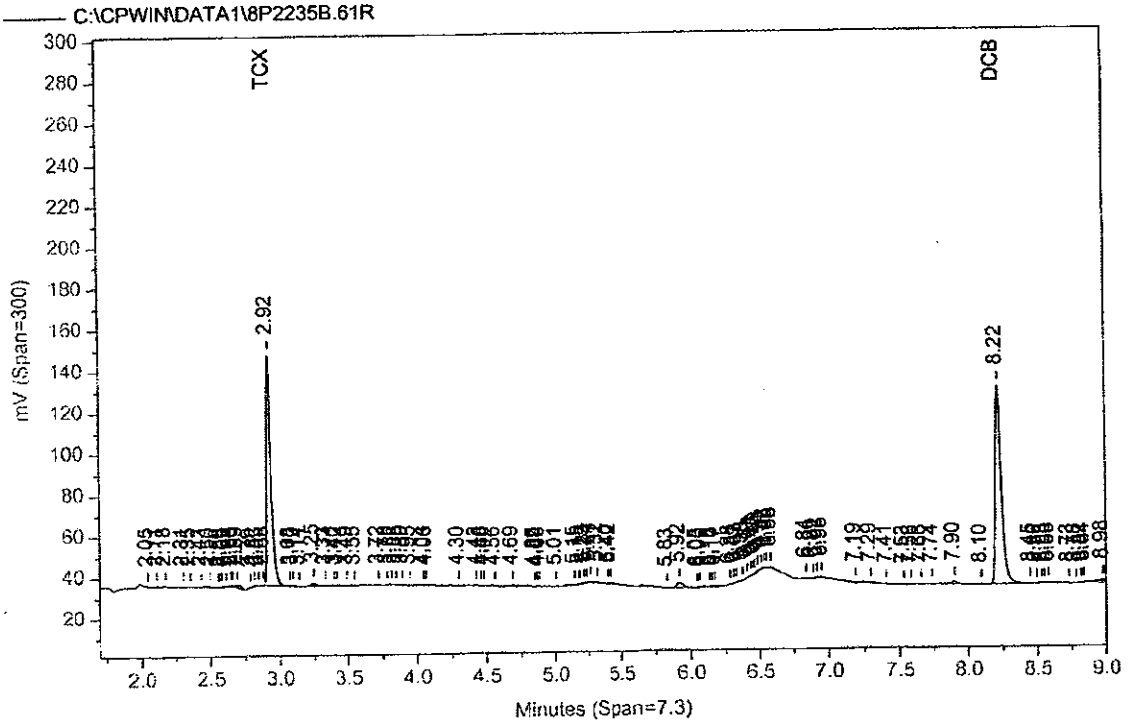


ASX05 1055

Sample Name: **AR1640824A DDAR164DD CCAL 0824799999**
Acquired from CP02–H2601A via port 1 on 9/5/08 02:11:32am 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\8P2235.66R**
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	120.8	0.003	BB	0.103	19.63	0.001
2	2.165		0.0000	0.000	403.5	0.010	BB	0.038	176.57	0.011
3	2.252		0.0000	0.000	299.7	0.008	BB	0.045	110.58	0.007
4	2.335		0.0000	0.000	1369.3	0.035	BB	0.034	664.31	0.040
5	2.443		0.0000	0.000	2380.3	0.061	BB	0.051	778.87	0.047
6	2.613		0.0000	0.000	115.4	0.003	BB	0.044	43.59	0.003
7	2.717		0.0000	0.000	247.7	0.006	BB	0.048	85.38	0.005
8	2.811		0.0000	0.000	1438.9	0.037	BB	0.048	500.12	0.030
9	2.944		0.0000	0.000	135.5	0.003	BB	0.044	51.33	0.003
10	3.042		0.0000	0.000	113.6	0.003	BB	0.038	49.36	0.003
11	3.125		0.0000	0.000	1702.3	0.043	BB	0.083	342.05	0.020
12	3.292		0.0000	0.000	204.4	0.005	BB	0.073	46.88	0.003
13	3.356	TCX	60.2000	50.473	405563.1	10.323	BB	0.035	191961.10	11.496
14	3.595		0.0000	0.000	11606.8	0.295	BB	0.035	5481.63	0.328
15	3.685		0.0000	0.000	16408.5	0.418	BB	0.036	7520.98	0.450
16	3.762		0.0000	0.000	75277.6	1.916	BB	0.038	33428.33	2.002
17	3.877		0.0000	0.000	46.9	0.001	BB	0.013	60.01	0.004
18	3.913		0.0000	0.000	9270.4	0.236	BB	0.038	4061.40	0.243
19	4.111		0.0000	0.000	18912.2	0.481	BB	0.021	15116.19	0.905
20	4.129		0.0000	0.000	9476.5	0.241	BB	0.019	8498.48	0.509
21	4.242		0.0000	0.000	1582.6	0.040	BB	0.018	1446.65	0.087
22	4.295		0.0000	0.000	90433.7	2.302	BB	0.037	40892.42	2.449
23	4.417		0.0000	0.000	1050.4	0.027	BB	0.024	732.85	0.044
24	4.492		0.0000	0.000	33821.2	0.861	BB	0.048	11806.94	0.707
25	4.584		0.0000	0.000	210968.9	5.370	BB	0.038	91614.97	5.487
26	4.644		0.0000	0.000	62049.7	1.579	BB	0.029	35225.14	2.110
27	4.738		0.0000	0.000	69434.5	1.767	BB	0.030	38083.71	2.281
28	4.798		0.0000	0.000	994.7	0.025	BB	0.018	907.90	0.054
29	4.851		0.0000	0.000	26077.0	0.664	BB	0.023	19085.97	1.143
30	4.893		0.0000	0.000	60106.8	1.530	BB	0.049	20594.38	1.233
31	5.041		0.0000	0.000	98817.5	2.515	BB	0.047	35278.11	2.113
32	5.123		0.0000	0.000	5739.4	0.146	BB	0.018	5174.13	0.310
33	5.175		0.0000	0.000	54707.0	1.392	BB	0.031	29390.52	1.760
34	5.233		0.0000	0.000	8952.5	0.228	BB	0.024	6170.01	0.370
35	5.305		0.0000	0.000	1043.5	0.027	BB	0.023	765.49	0.046
36	5.366		0.0000	0.000	1510.1	0.038	BB	0.023	1076.77	0.064
37	5.417		0.0000	0.000	128114.6	3.261	BB	0.063	33938.57	2.033
38	5.584		0.0000	0.000	3449.0	0.088	BB	0.025	2257.56	0.135
39	5.647		0.0000	0.000	69606.2	1.772	BB	0.041	28032.74	1.679
40	5.782		0.0000	0.000	63.6	0.002	BB	0.022	47.22	0.003
41	5.843		0.0000	0.000	1429.7	0.036	BB	0.030	781.38	0.047
42	5.934		0.0000	0.000	31195.5	0.794	BB	0.039	13458.22	0.806
43	6.000		0.0000	0.000	19382.1	0.493	BB	0.028	11517.31	0.690
44	6.069		0.0000	0.000	104351.4	2.656	BB	0.050	34878.24	2.089
45	6.172		0.0000	0.000	163876.5	4.171	BB	0.038	71376.97	4.275
46	6.293		0.0000	0.000	14246.9	0.363	BB	0.036	6555.15	0.393
47	6.376		0.0000	0.000	21939.1	0.558	BB	0.031	11894.53	0.712
48	6.448		0.0000	0.000	176817.8	4.500	BB	0.036	82204.91	4.923
49	6.502		0.0000	0.000	9346.8	0.238	BB	0.019	8298.56	0.497
50	6.564		0.0000	0.000	70988.1	1.807	BB	0.037	31598.67	1.892
51	6.669		0.0000	0.000	5197.1	0.132	BB	0.023	3782.80	0.227
52	6.714		0.0000	0.000	206456.7	5.255	BB	0.037	92309.60	5.528
53	6.803		0.0000	0.000	84610.6	2.154	BB	0.029	49051.05	2.938
54	6.859		0.0000	0.000	37400.0	0.952	BB	0.027	23258.87	1.393
55	6.991		0.0000	0.000	4541.6	0.116	BB	0.040	1893.47	0.113
56	7.021		0.0000	0.000	114697.6	2.919	BB	0.034	56005.73	3.354
57	7.103		0.0000	0.000	39317.7	1.001	BB	0.028	23135.91	1.386
58	7.156		0.0000	0.000	14586.6	0.371	BB	0.025	9700.25	0.581
59	7.284		0.0000	0.000	30881.5	0.786	BB	0.035	14586.03	0.874
60	7.368		0.0000	0.000	370711.3	9.436	BB	0.044	141366.10	8.466
61	7.593		0.0000	0.000	137.5	0.003	BB	0.030	76.56	0.005
62	7.704		0.0000	0.000	177911.3	4.528	BB	0.037	81189.23	4.862

ASX05 1856

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.801		0.0000	0.000	48815.1	1.242	BB	0.039	21047.19	1.260
64	8.052		0.0000	0.000	4105.6	0.104	BB	0.041	1662.67	0.100
65	8.214		0.0000	0.000	51113.4	1.301	BB	0.053	16111.80	0.965
66	8.556		0.0000	0.000	94930.9	2.416	BB	0.046	34583.14	2.071
67	8.658		0.0000	0.000	3018.7	0.077	BB	0.033	1516.51	0.091
68	8.757		0.0000	0.000	95.2	0.002	BB	0.038	42.28	0.003
69	8.902		0.0000	0.000	176.9	0.005	BB	0.050	59.28	0.004
70	8.947		0.0000	0.000	43.5	0.001	BB	0.023	31.48	0.002
71	9.040		0.0000	0.000	32806.4	0.835	BB	0.049	11054.18	0.662
72	9.186		0.0000	0.000	469.9	0.012	BB	0.111	70.64	0.004
73	9.433	DCB	59.0706	49.527	477200.3	12.146	BB	0.059	135052.30	8.088
74	9.866		0.0000	0.000	96.5	0.002	BB	0.039	41.24	0.002
75	9.935		0.0000	0.000	32376.0	0.824	BB	0.067	8066.41	0.483

Total Area = 3928888.0, Total Amount = 119.271, Total Height = 1669777.0, Sample Units = ug/l

ASX05 1057

Sample Name: **AR1640824A DDAR164DD CCAL 0824799999**
Acquired from CP02--H2601B via port 2 on 9/5/08 02:11:32am 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\8P2235B.66R**
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	1396.8	0.022	BB	0.026	901.31	0.032
2	2.183		0.0000	0.000	4071.5	0.063	BB	0.081	833.26	0.030
3	2.299		0.0000	0.000	1602.1	0.025	BB	0.050	535.58	0.019
4	2.387		0.0000	0.000	216.2	0.003	BB	0.030	121.74	0.004
5	2.400		0.0000	0.000	386.1	0.006	BB	0.027	240.54	0.009
6	2.483		0.0000	0.000	2261.1	0.035	BB	0.047	794.27	0.028
7	2.568		0.0000	0.000	87.1	0.001	BB	0.010	146.51	0.005
8	2.583		0.0000	0.000	384.0	0.006	BB	0.019	333.17	0.012
9	2.642		0.0000	0.000	1264.0	0.020	BB	0.036	580.54	0.021
10	2.707		0.0000	0.000	1594.5	0.025	BB	0.045	588.53	0.021
11	2.774		0.0000	0.000	82.6	0.001	BB	0.011	127.15	0.005
12	2.817		0.0000	0.000	86.1	0.001	BB	0.011	130.75	0.005
13	2.836		0.0000	0.000	220.5	0.003	BB	0.010	362.30	0.013
14	2.867		0.0000	0.000	61.3	0.001	BB	0.005	203.99	0.007
15	2.929	TCX	58.5984	51.953	742939.7	11.587	BB	0.040	312172.80	11.193
16	3.179		0.0000	0.000	20721.7	0.323	BB	0.033	10527.94	0.377
17	3.271		0.0000	0.000	29992.1	0.468	BB	0.039	12983.18	0.466
18	3.353		0.0000	0.000	137173.8	2.139	BB	0.040	57708.01	2.069
19	3.526		0.0000	0.000	17924.5	0.280	BB	0.039	7667.30	0.275
20	3.685		0.0000	0.000	280735.0	4.378	BB	0.054	86897.73	3.116
21	3.827		0.0000	0.000	2824.9	0.044	BB	0.019	2492.53	0.089
22	3.868		0.0000	0.000	158235.4	2.468	BB	0.038	68569.60	2.459
23	3.999		0.0000	0.000	6621.3	0.103	BB	0.036	3071.32	0.110
24	4.016		0.0000	0.000	6756.8	0.105	BB	0.019	6055.01	0.217
25	4.114		0.0000	0.000	315145.5	4.915	BB	0.035	150525.40	5.397
26	4.170		0.0000	0.000	87063.7	1.358	BB	0.031	46583.85	1.670
27	4.289		0.0000	0.000	103685.5	1.617	BB	0.028	61053.90	2.189
28	4.346		0.0000	0.000	28314.2	0.442	BB	0.022	20996.60	0.753
29	4.380		0.0000	0.000	92399.8	1.441	BB	0.040	38101.71	1.366
30	4.549		0.0000	0.000	134145.8	2.092	BB	0.040	56403.46	2.022
31	4.614		0.0000	0.000	9061.9	0.141	BB	0.018	8186.96	0.294
32	4.691		0.0000	0.000	103822.6	1.619	BB	0.034	50188.91	1.800
33	4.756		0.0000	0.000	21204.0	0.331	BB	0.026	13448.06	0.482
34	4.829		0.0000	0.000	807.2	0.013	BB	0.014	964.90	0.035
35	4.865		0.0000	0.000	6558.9	0.102	BB	0.018	6116.97	0.219
36	4.900		0.0000	0.000	132328.3	2.064	BB	0.041	53914.22	1.933
37	4.994		0.0000	0.000	3109.9	0.049	BB	0.021	2490.13	0.089
38	5.053		0.0000	0.000	113933.0	1.777	BB	0.045	42529.14	1.525
39	5.217		0.0000	0.000	122.6	0.002	BB	0.006	326.04	0.012
40	5.267		0.0000	0.000	4324.6	0.067	BB	0.039	1839.51	0.066
41	5.352		0.0000	0.000	13346.3	0.208	BB	0.027	8118.32	0.291
42	5.461		0.0000	0.000	89967.4	1.403	BB	0.037	40859.41	1.465
43	5.497		0.0000	0.000	12339.8	0.192	BB	0.024	8412.86	0.302
44	5.575		0.0000	0.000	252357.2	3.936	BB	0.038	110141.70	3.949
45	5.671		0.0000	0.000	2229.2	0.035	BB	0.016	2346.92	0.084
46	5.710		0.0000	0.000	32260.2	0.503	BB	0.027	19988.39	0.717
47	5.770		0.0000	0.000	311123.3	4.852	BB	0.040	129030.60	4.626
48	5.913		0.0000	0.000	268349.2	4.185	BB	0.037	120729.20	4.329
49	5.985		0.0000	0.000	7793.1	0.122	BB	0.020	6550.44	0.235
50	6.040		0.0000	0.000	28910.1	0.451	BB	0.023	20725.55	0.743
51	6.088		0.0000	0.000	140086.6	2.185	BB	0.026	89046.91	3.193
52	6.130		0.0000	0.000	69668.7	1.087	BB	0.023	50833.88	1.823
53	6.181		0.0000	0.000	49634.0	0.774	BB	0.025	32721.42	1.173
54	6.317		0.0000	0.000	35830.4	0.559	BB	0.032	18376.77	0.659
55	6.387		0.0000	0.000	243808.9	3.802	BB	0.040	101563.30	3.642
56	6.484		0.0000	0.000	65327.4	1.019	BB	0.027	40913.12	1.467
57	6.527		0.0000	0.000	9921.9	0.155	BB	0.018	9370.98	0.336
58	6.562		0.0000	0.000	10984.8	0.171	BB	0.019	9555.99	0.343
59	6.638		0.0000	0.000	529916.8	8.265	BB	0.040	221794.60	7.952
60	6.731		0.0000	0.000	4160.8	0.065	BB	0.020	3398.65	0.122
61	6.923		0.0000	0.000	81542.9	1.272	BB	0.029	47582.21	1.706
62	6.984		0.0000	0.000	383774.6	5.985	BB	0.039	163256.80	5.854

ASX85 1059

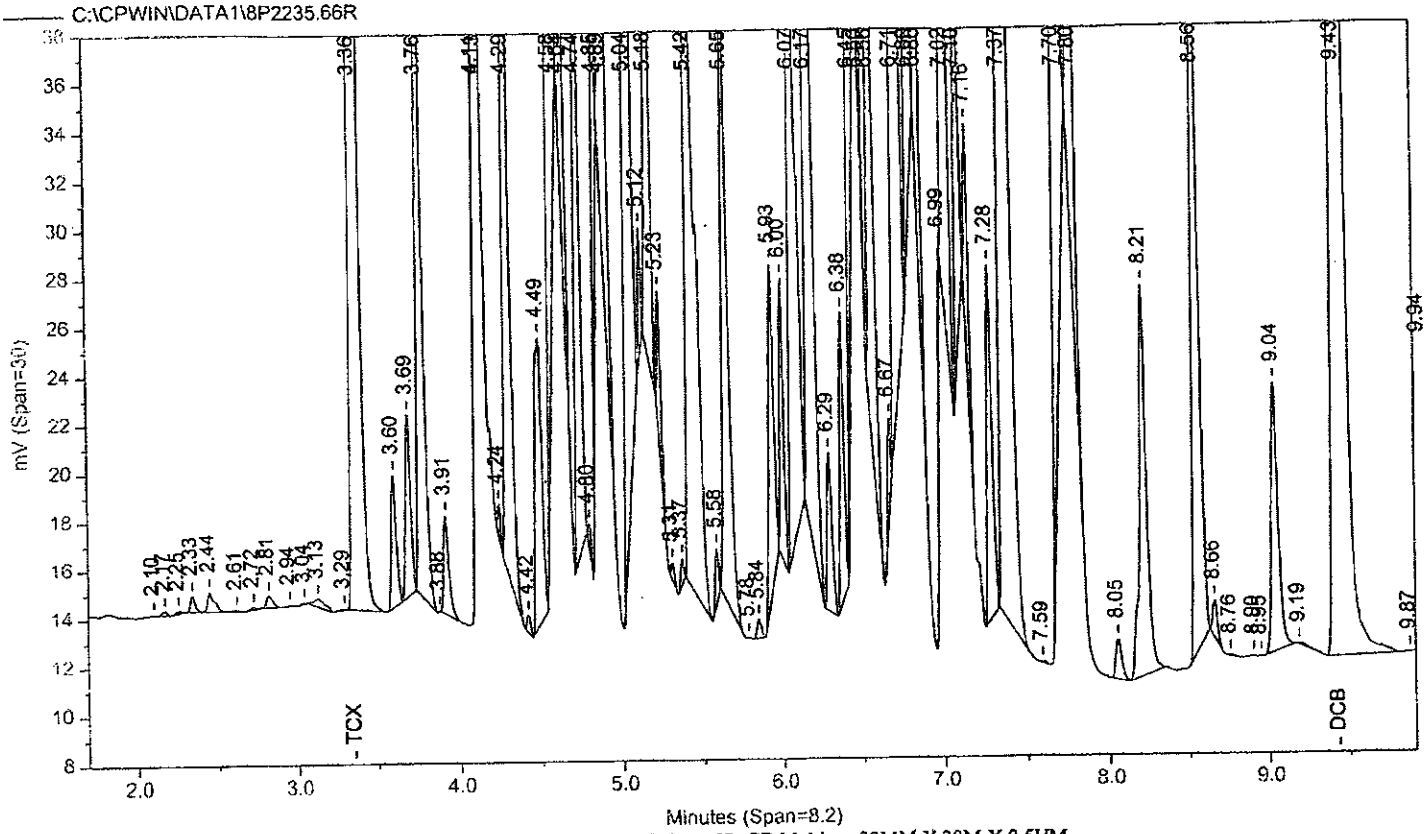
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.200		0.0000	0.000	5761.8	0.090	BB	0.030	3179.61	0.114
64	7.262		0.0000	0.000	3983.4	0.062	BB	0.026	2571.39	0.092
65	7.300		0.0000	0.000	3645.8	0.057	BB	0.030	2042.14	0.073
66	7.379		0.0000	0.000	72615.2	1.132	BB	0.040	30440.87	1.091
67	7.500		0.0000	0.000	97.9	0.002	BB	0.007	220.35	0.008
68	7.550		0.0000	0.000	205128.5	3.199	BB	0.045	75717.73	2.715
69	7.767		0.0000	0.000	194.0	0.003	BB	0.009	362.73	0.013
70	7.906		0.0000	0.000	63891.7	0.996	BB	0.044	24123.52	0.865
71	8.167		0.0000	0.000	43.3	0.001	BB	0.007	96.89	0.003
72	8.227	DCB	54.1926	48.047	780655.2	12.175	BB	0.052	249246.80	8.937
73	8.419		0.0000	0.000	902.0	0.014	BB	0.073	205.07	0.007
74	8.514		0.0000	0.000	2024.3	0.032	BB	0.055	613.97	0.022
75	8.600		0.0000	0.000	2738.0	0.043	BB	0.067	677.53	0.024
76	8.719		0.0000	0.000	189.8	0.003	BB	0.015	211.55	0.008
77	8.764		0.0000	0.000	96.1	0.001	BB	0.007	236.66	0.008
78	8.782		0.0000	0.000	74.9	0.001	BB	0.009	143.64	0.005
79	8.833		0.0000	0.000	54.5	0.001	BB	0.007	125.28	0.004
80	8.848		0.0000	0.000	79.0	0.001	BB	0.006	212.36	0.008
81	8.875		0.0000	0.000	46.6	0.001	BB	0.006	131.04	0.005
82	8.900		0.0000	0.000	315.8	0.005	BB	0.022	242.09	0.009
83	9.010		0.0000	0.000	2500.9	0.039	BB	0.065	639.71	0.023
84	9.090		0.0000	0.000	757.3	0.012	BB	0.028	454.04	0.016
85	9.131		0.0000	0.000	99.7	0.002	BB	0.007	222.93	0.008
86	9.149		0.0000	0.000	2.9	0.000	BB	0.000	149.59	0.005
87	9.170		0.0000	0.000	505.3	0.008	BB	0.028	299.04	0.011
88	9.250		0.0000	0.000	1400.0	0.022	BB	0.070	335.11	0.012
89	9.367		0.0000	0.000	316.9	0.005	BB	0.016	337.96	0.012
90	9.482		0.0000	0.000	67.2	0.001	BB	0.006	187.35	0.007
91	9.507		0.0000	0.000	524.9	0.008	BB	0.035	251.22	0.009
92	9.599		0.0000	0.000	175.7	0.003	BB	0.014	215.96	0.008
93	9.633		0.0000	0.000	148.5	0.002	BB	0.010	237.59	0.009
94	9.707		0.0000	0.000	8722.1	0.136	BB	0.166	874.12	0.031
95	9.927		0.0000	0.000	37186.4	0.580	BB	0.056	10970.90	0.393

Total Area = 6411948.0, Total Amount = 112.791, Total Height = 2789009.0, Sample Units = ug/l

ASX05 1059

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.66R

C:\CPWIN\DATA1\8P2235.66R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 2:01:32 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.66R

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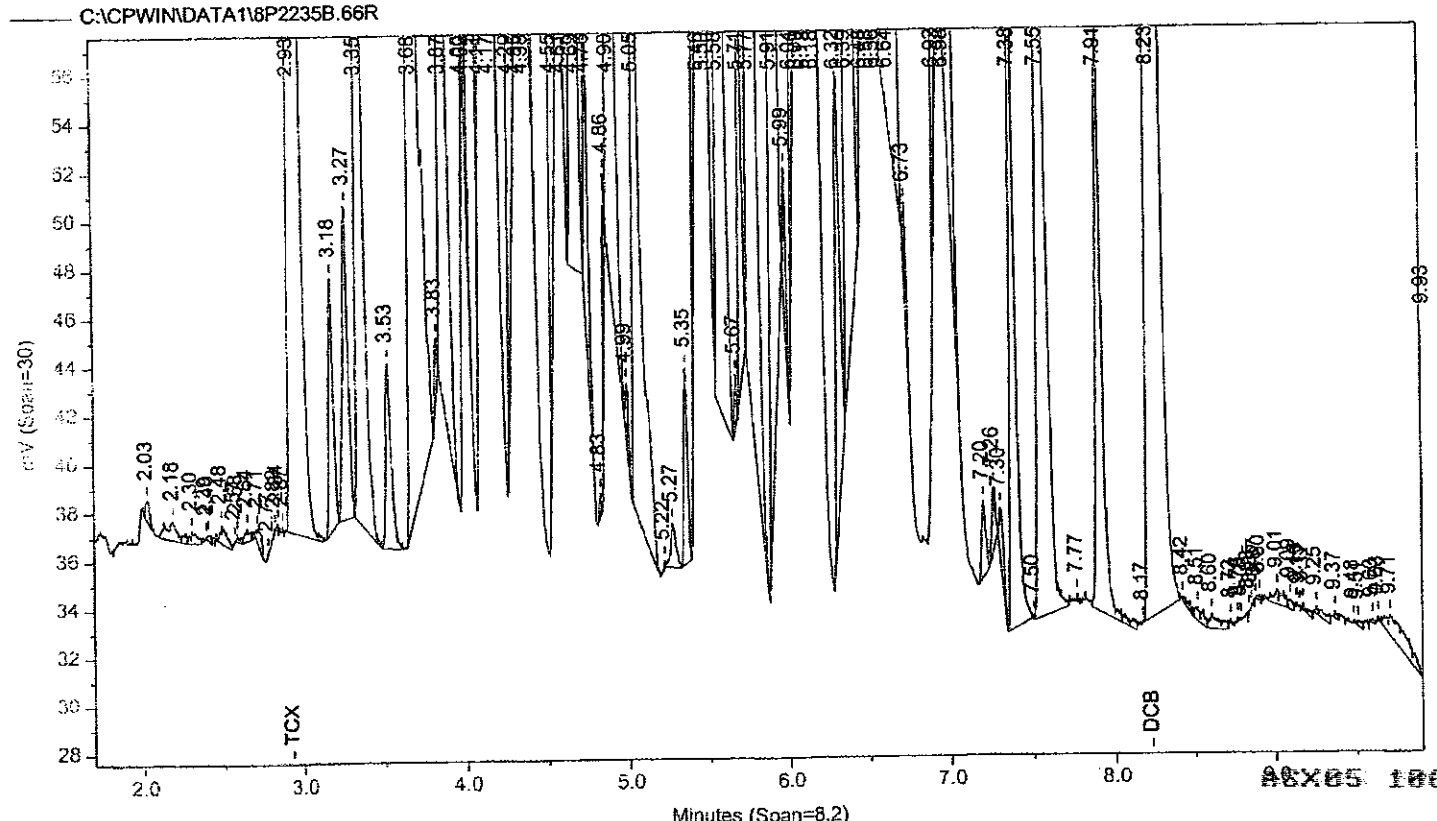


Instrument ID: CP02--H2601B Injected On: 9/5/2008 2:01:32 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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

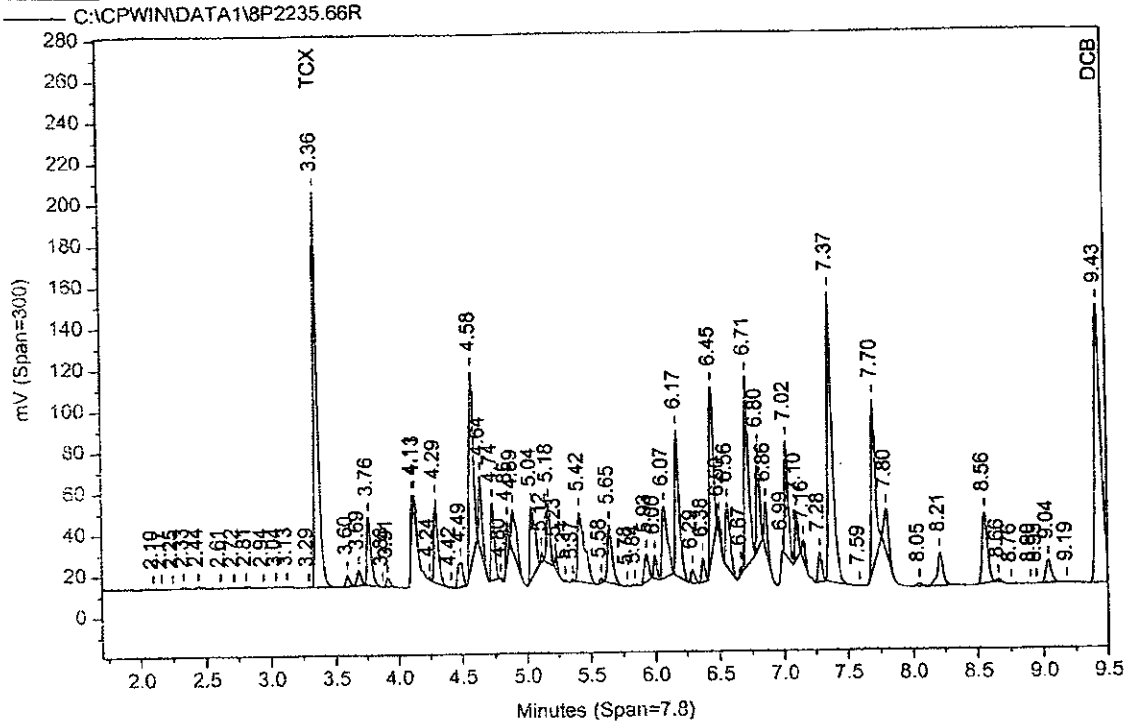
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	191961	60.2	TCX	2.929	312173	58.59842	TCX
9.433	135052	59.07063	DCB	8.227	249247	54.19255	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.66A
Area File: C:\CPWIN\DATA1\8P2235B.66A
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 2:11:36 AM
File Reported On: 9/5/2008 at 2:11:42 AM

10X REPLOTS

C:\CPWIN\DATA1\8P2235.66R



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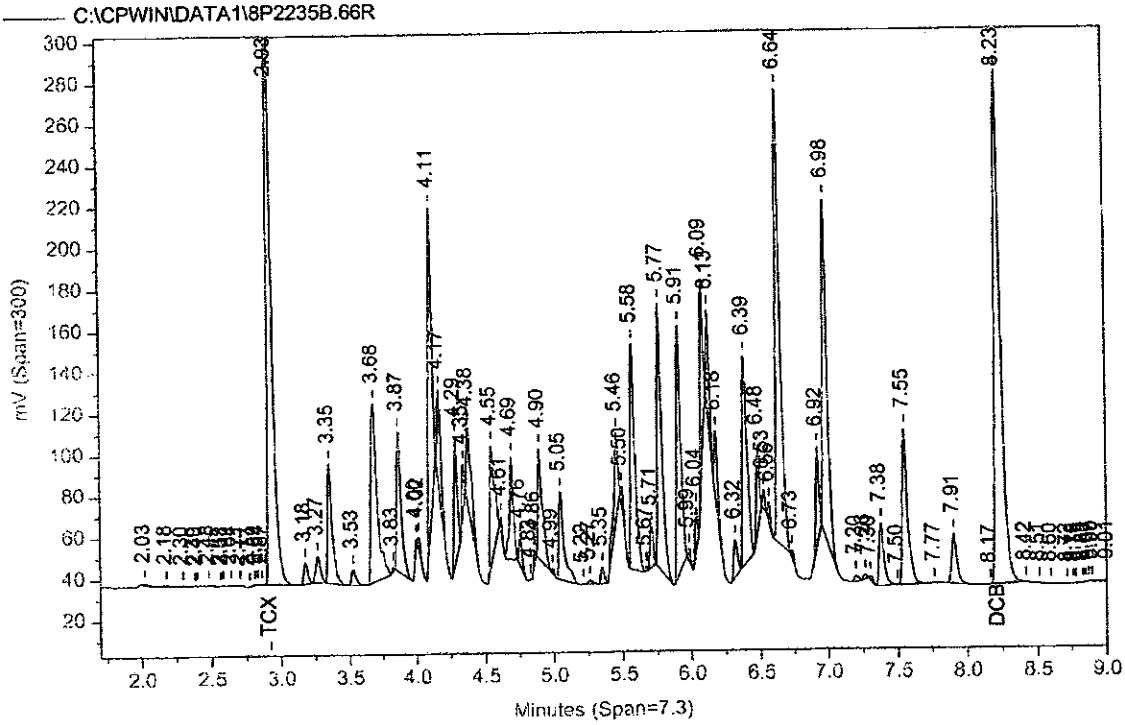

ASX05 1062

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601A via port 1 on 9/5/08 02:26:01am 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\8P2235.67R**
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	111.3	0.030	BB	0.059	31.58	0.024
2	2.163		0.0000	0.000	473.3	0.128	BB	0.040	198.15	0.149
3	2.248		0.0000	0.000	435.0	0.118	BB	0.050	144.48	0.109
4	2.332		0.0000	0.000	532.3	0.144	BB	0.038	234.02	0.176
5	2.441		0.0000	0.000	2045.1	0.553	BB	0.039	866.69	0.652
6	2.538		0.0000	0.000	55.8	0.015	BB	0.041	22.50	0.017
7	2.744		0.0000	0.000	219.0	0.059	BB	0.100	36.67	0.028
8	2.799		0.0000	0.000	197.7	0.053	BB	0.066	50.10	0.038
9	2.942		0.0000	0.000	26.2	0.007	BB	0.029	15.04	0.011
10	3.029		0.0000	0.000	149.7	0.040	BB	0.035	71.14	0.054
11	3.078		0.0000	0.000	25.2	0.007	BB	0.023	18.59	0.014
12	3.353	TCX	20.6255	48.873	137515.1	37.178	BB	0.035	65769.05	49.474
13	3.667		0.0000	0.000	1323.8	0.358	BB	0.030	724.40	0.545
14	3.876		0.0000	0.000	186.4	0.050	BB	0.029	107.70	0.081
15	4.043		0.0000	0.000	3621.1	0.979	BB	0.436	138.28	0.104
16	4.565		0.0000	0.000	727.5	0.197	BB	0.056	216.19	0.163
17	4.745		0.0000	0.000	136.8	0.037	BB	0.032	70.22	0.053
18	5.252		0.0000	0.000	3079.8	0.833	BB	0.298	171.99	0.129
19	5.314		0.0000	0.000	3249.3	0.878	BB	0.367	147.61	0.111
20	5.683		0.0000	0.000	132.3	0.036	BB	0.033	67.69	0.051
21	5.753		0.0000	0.000	67.8	0.018	BB	0.035	31.96	0.024
22	5.831		0.0000	0.000	70.6	0.019	BB	0.036	33.09	0.025
23	5.917		0.0000	0.000	97.2	0.026	BB	0.031	52.05	0.039
24	5.958		0.0000	0.000	361.1	0.098	BB	0.029	205.70	0.155
25	6.051		0.0000	0.000	145.7	0.039	BB	0.027	91.00	0.068
26	6.192		0.0000	0.000	448.5	0.121	BB	0.060	125.32	0.094
27	6.369		0.0000	0.000	3570.8	0.965	BB	0.040	1491.65	1.122
28	6.496		0.0000	0.000	87.2	0.024	BB	0.033	44.38	0.033
29	6.554		0.0000	0.000	475.0	0.128	BB	0.066	119.67	0.090
30	6.768		0.0000	0.000	1480.0	0.400	BB	0.114	215.87	0.162
31	6.928		0.0000	0.000	121.8	0.033	BB	0.038	53.14	0.040
32	7.005		0.0000	0.000	149.8	0.041	BB	0.032	78.40	0.059
33	7.133		0.0000	0.000	1334.9	0.361	BB	0.061	361.76	0.272
34	7.216		0.0000	0.000	99.5	0.027	BB	0.033	49.80	0.037
35	7.327		0.0000	0.000	198.7	0.054	BB	0.051	64.59	0.049
36	7.438		0.0000	0.000	226.7	0.061	BB	0.054	69.76	0.052
37	7.636		0.0000	0.000	29.7	0.008	BB	0.015	32.20	0.024
38	7.886		0.0000	0.000	537.8	0.145	BB	0.107	83.63	0.063
39	8.055		0.0000	0.000	257.2	0.070	BB	0.042	102.97	0.077
40	8.216		0.0000	0.000	1142.1	0.309	BB	0.073	261.05	0.196
41	8.345		0.0000	0.000	938.5	0.254	BB	0.084	187.32	0.141
42	8.529		0.0000	0.000	113.5	0.031	BB	0.051	37.44	0.028
43	8.602		0.0000	0.000	114.1	0.031	BB	0.042	45.76	0.034
44	8.758		0.0000	0.000	506.6	0.137	BB	0.075	112.59	0.085
45	8.813		0.0000	0.000	41.4	0.011	BB	0.027	25.09	0.019
46	8.958		0.0000	0.000	154.6	0.042	BB	0.055	46.54	0.035
47	9.042		0.0000	0.000	1453.0	0.393	BB	0.055	437.23	0.329
48	9.189		0.0000	0.000	1955.2	0.529	BB	0.125	260.28	0.196
49	9.430	DCB	21.5765	51.127	166541.8	45.025	BB	0.056	49329.99	37.108
50	9.766		0.0000	0.000	38.9	0.011	BB	0.029	22.39	0.017
51	9.866		0.0000	0.000	136.6	0.037	BB	0.083	27.52	0.021
52	9.921		0.0000	0.000	32746.6	8.853	BB	0.056	9734.86	7.323

Total Area = 369885.7, Total Amount = 42.202, Total Height = 132937.1, Sample Units = ug/l

ASX05 1063

Sample Name: **IBLKX0824C AAPIBLKAA PIBLK0824799999**
Acquired from CP02--H2601B via port 2 on 9/5/08 02:26:01am 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\8P2235B.67R**
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	2.023		0.0000	0.000	159.7	0.023	BB	0.007	394.50	0.153
2	2.107		0.0000	0.000	89.6	0.013	BB	0.010	142.56	0.055
3	2.139		0.0000	0.000	484.7	0.071	BB	0.024	342.59	0.133
4	2.173		0.0000	0.000	2138.0	0.312	BB	0.087	411.90	0.160
5	2.343		0.0000	0.000	1006.7	0.147	BB	0.039	429.61	0.166
6	2.409		0.0000	0.000	311.4	0.045	BB	0.016	317.98	0.123
7	2.473		0.0000	0.000	134.6	0.020	BB	0.006	358.41	0.139
8	2.553		0.0000	0.000	378.0	0.055	N	-0.014	- 434.83	0.168
9	2.604		0.0000	0.000	104.1	0.015	BB	0.008	212.08	0.082
10	2.623		0.0000	0.000	86.7	0.013	BB	0.011	137.20	0.053
11	2.667		0.0000	0.000	9769.4	1.426	BB	0.116	1402.66	0.543
12	2.860		0.0000	0.000	4891.9	0.714	BB	0.317	257.18	0.100
13	2.926	TCX	21.0054	49.533	245247.6	35.788	BB	0.037	111902.80	43.350
14	3.117		0.0000	0.000	1172.5	0.171	BB	0.036	545.99	0.212
15	3.220		0.0000	0.000	1.4	0.000	N	0.000	- 300.28	0.116
16	3.247		0.0000	0.000	2938.2	0.429	BB	0.028	1768.84	0.685
17	3.374		0.0000	0.000	569.3	0.083	BB	0.029	331.27	0.128
18	3.440		0.0000	0.000	1188.7	0.173	BB	0.029	674.94	0.261
19	3.556		0.0000	0.000	124.4	0.018	BB	0.012	176.88	0.069
20	3.572		0.0000	0.000	141.6	0.021	BB	0.009	253.06	0.098
21	3.633		0.0000	0.000	508.7	0.074	BB	0.032	262.80	0.102
22	3.674		0.0000	0.000	418.5	0.061	BB	0.025	275.17	0.107
23	3.723		0.0000	0.000	432.3	0.063	BB	0.021	339.61	0.132
24	3.790		0.0000	0.000	643.8	0.094	BB	0.042	253.11	0.098
25	3.826		0.0000	0.000	221.2	0.032	BB	0.014	268.03	0.104
26	3.873		0.0000	0.000	32.7	0.005	BB	0.004	125.47	0.049
27	3.890		0.0000	0.000	441.5	0.064	BB	0.017	431.87	0.167
28	3.955		0.0000	0.000	513.1	0.075	BB	0.024	357.23	0.138
29	4.021		0.0000	0.000	2212.8	0.323	BB	0.059	624.78	0.242
30	4.106		0.0000	0.000	4457.2	0.650	BB	0.183	407.00	0.158
31	4.340		0.0000	0.000	159.2	0.023	BB	0.009	292.55	0.113
32	4.373		0.0000	0.000	67.1	0.010	BB	0.006	187.28	0.073
33	4.406		0.0000	0.000	234.2	0.034	BB	0.009	420.85	0.163
34	4.440		0.0000	0.000	128.0	0.019	BB	0.012	176.22	0.068
35	4.470		0.0000	0.000	229.1	0.033	BB	0.014	282.07	0.109
36	4.556		0.0000	0.000	2659.2	0.388	BB	0.076	583.44	0.226
37	4.659		0.0000	0.000	123.9	0.018	BB	0.007	299.30	0.116
38	4.692		0.0000	0.000	444.1	0.065	BB	0.017	437.23	0.169
39	4.754		0.0000	0.000	151.8	0.022	BB	0.013	189.65	0.073
40	4.840		0.0000	0.000	273.5	0.040	BB	0.012	376.79	0.146
41	4.898		0.0000	0.000	1423.3	0.208	BB	0.074	322.52	0.125
42	5.067		0.0000	0.000	298.0	0.043	BB	0.019	266.50	0.103
43	5.123		0.0000	0.000	285.5	0.042	BB	0.014	351.24	0.136
44	5.165		0.0000	0.000	11.5	0.002	BB	0.005	35.23	0.014
45	5.189		0.0000	0.000	129.9	0.019	BB	0.014	152.12	0.059
46	5.240		0.0000	0.000	262.8	0.038	BB	0.031	140.13	0.054
47	5.254		0.0000	0.000	680.6	0.099	BB	0.032	353.21	0.137
48	5.387		0.0000	0.000	125.1	0.018	BB	0.007	300.49	0.116
49	5.407		0.0000	0.000	142.9	0.021	BB	0.009	260.08	0.101
50	5.437		0.0000	0.000	2189.8	0.320	BB	0.110	331.45	0.128
51	5.639		0.0000	0.000	328.4	0.048	BB	0.033	164.39	0.064
52	5.668		0.0000	0.000	2898.6	0.423	BB	0.102	473.72	0.184
53	5.873		0.0000	0.000	67.6	0.010	BB	0.007	171.16	0.066
54	5.891		0.0000	0.000	126.5	0.018	BB	0.008	278.11	0.108
55	5.922		0.0000	0.000	4576.9	0.668	BB	0.039	1950.14	0.755
56	6.006		0.0000	0.000	99.1	0.014	BB	0.008	211.40	0.082
57	6.055		0.0000	0.000	590.4	0.086	BB	0.038	256.24	0.099
58	6.086		0.0000	0.000	63.1	0.009	BB	0.006	162.57	0.063
59	6.100		0.0000	0.000	175.5	0.026	BB	0.010	288.59	0.112
61	6.143		0.0000	0.000	318.0	0.046	BB	0.024	222.77	0.086
62	6.189		0.0000	0.000	346.3	0.051	BB	0.020	285.94	0.111
63	6.276		0.0000	0.000	204.4	0.030	BB	0.032	108.07	0.042

ASX05 1064

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
64	6.307		0.0000	0.000	155.1	0.023	BB	0.019	134.11	0.052
65	6.322		0.0000	0.000	115.1	0.017	BB	0.012	162.66	0.063
66	6.339		0.0000	0.000	118.1	0.017	BB	0.007	271.83	0.105
67	6.391		0.0000	0.000	145.3	0.021	BB	0.014	175.08	0.068
68	6.408		0.0000	0.000	114.9	0.017	BB	0.012	166.07	0.064
69	6.426		0.0000	0.000	179.2	0.026	BB	0.018	167.08	0.065
70	6.474		0.0000	0.000	96.0	0.014	BB	0.006	276.66	0.107
71	6.491		0.0000	0.000	117.2	0.017	BB	0.007	285.15	0.110
72	6.573		0.0000	0.000	25125.4	3.666	BB	0.145	2884.83	1.118
73	6.822		0.0000	0.000	392.6	0.057	BB	0.025	265.16	0.103
74	6.857		0.0000	0.000	92.1	0.013	BB	0.004	351.26	0.136
75	6.906		0.0000	0.000	421.3	0.061	BB	0.017	420.41	0.163
76	6.940		0.0000	0.000	115.5	0.017	BB	0.011	181.29	0.070
77	6.956		0.0000	0.000	2397.2	0.350	BB	0.130	307.67	0.119
78	7.210		0.0000	0.000	540.7	0.079	BB	0.049	183.72	0.071
79	7.289		0.0000	0.000	1478.5	0.216	BB	0.065	381.63	0.148
80	7.400		0.0000	0.000	2962.2	0.432	BB	0.079	626.72	0.243
81	7.507		0.0000	0.000	531.3	0.078	BB	0.031	287.17	0.111
82	7.588		0.0000	0.000	83.7	0.012	BB	0.009	158.67	0.061
83	7.622		0.0000	0.000	867.9	0.127	BB	0.034	429.25	0.166
84	7.697		0.0000	0.000	280.4	0.041	BB	0.019	251.86	0.098
85	7.764		0.0000	0.000	1852.0	0.270	BB	0.085	364.33	0.141
86	7.877		0.0000	0.000	189.2	0.028	BB	0.015	208.21	0.081
87	7.904		0.0000	0.000	1777.2	0.259	BB	0.029	1034.43	0.401
88	7.971		0.0000	0.000	136.0	0.020	BB	0.012	186.53	0.072
89	8.104		0.0000	0.000	276.5	0.040	BB	0.016	292.62	0.113
90	8.220	DCB	21.4018	50.467	288333.5	42.075	BB	0.049	98433.11	38.132
91	8.393		0.0000	0.000	285.3	0.042	BB	0.019	254.45	0.099
92	8.456		0.0000	0.000	109.4	0.016	BB	0.010	188.47	0.073
93	8.580		0.0000	0.000	1609.6	0.235	BB	0.064	421.80	0.163
94	8.707		0.0000	0.000	125.1	0.018	BB	0.007	289.37	0.112
95	8.739		0.0000	0.000	63.4	0.009	BB	0.006	171.54	0.066
96	8.773		0.0000	0.000	179.4	0.026	BB	0.012	244.96	0.095
97	8.805		0.0000	0.000	231.7	0.034	BB	0.015	251.71	0.098
98	8.838		0.0000	0.000	121.3	0.018	BB	0.010	195.06	0.076
99	8.873		0.0000	0.000	74.5	0.011	BB	0.009	134.43	0.052
100	8.890		0.0000	0.000	60.7	0.009	BB	0.008	122.47	0.047
101	8.914		0.0000	0.000	177.3	0.026	BB	0.014	211.58	0.082
102	8.939		0.0000	0.000	159.9	0.023	BB	0.016	167.31	0.065
103	8.971		0.0000	0.000	140.3	0.020	BB	0.012	197.71	0.077
104	9.006		0.0000	0.000	238.2	0.035	BB	0.014	284.77	0.110
105	9.106		0.0000	0.000	92.8	0.014	BB	0.008	194.54	0.075
106	9.208		0.0000	0.000	949.9	0.139	BB	0.031	514.55	0.199
107	9.247		0.0000	0.000	744.8	0.109	BB	0.026	478.76	0.185
108	9.272		0.0000	0.000	293.0	0.043	BB	0.021	228.69	0.089
109	9.356		0.0000	0.000	105.0	0.015	BB	0.010	172.81	0.067
110	9.390		0.0000	0.000	266.0	0.039	BB	0.018	248.66	0.096
111	9.557		0.0000	0.000	1092.5	0.159	BB	0.043	425.07	0.165
112	9.660		0.0000	0.000	11383.6	1.661	BB	0.342	554.50	0.215
113	9.931		0.0000	0.000	37244.5	5.435	BB	0.060	10294.23	3.988

Total Area = 685277.3, Total Amount = 42.407, Total Height = 258136.8, Sample Units = ug/l

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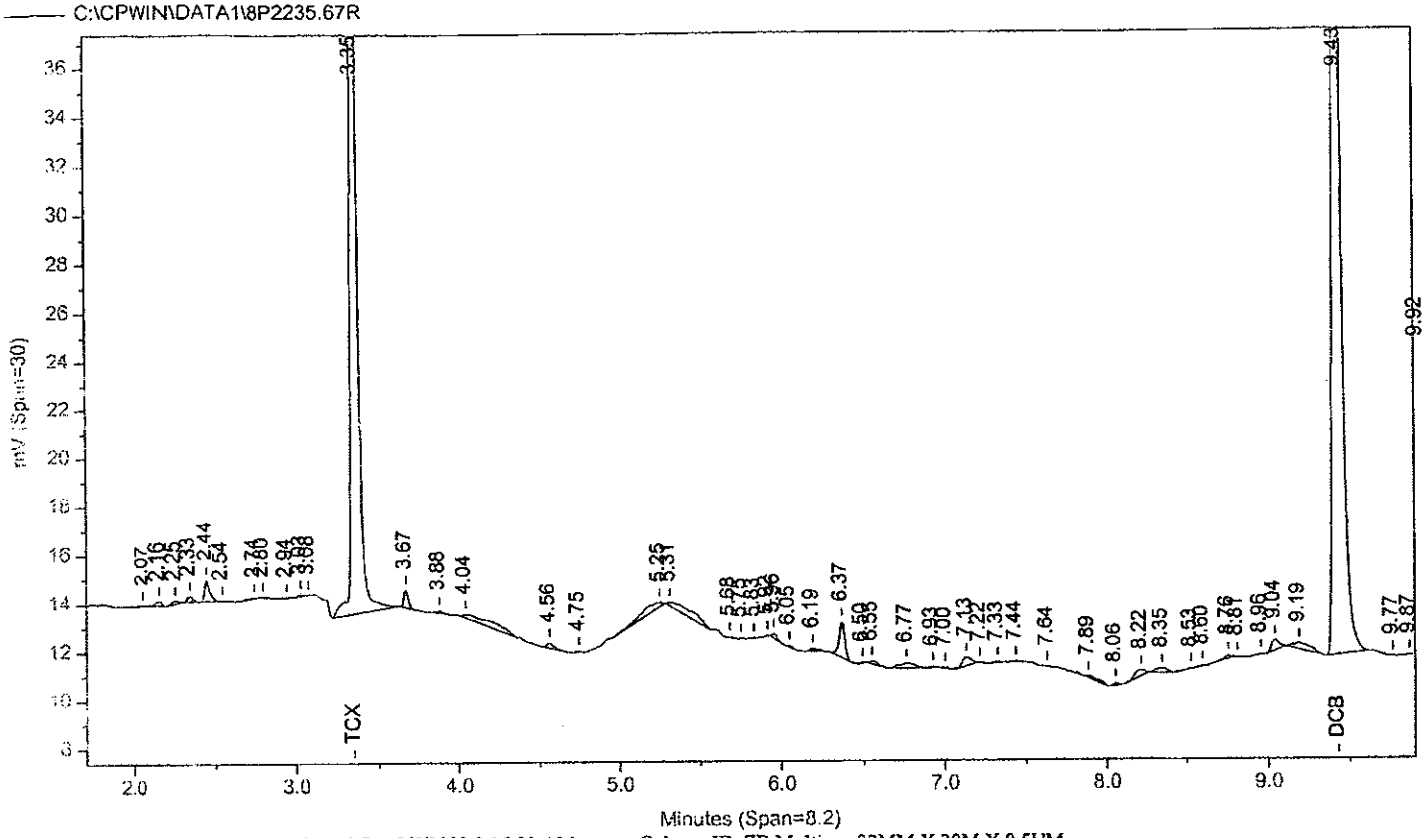
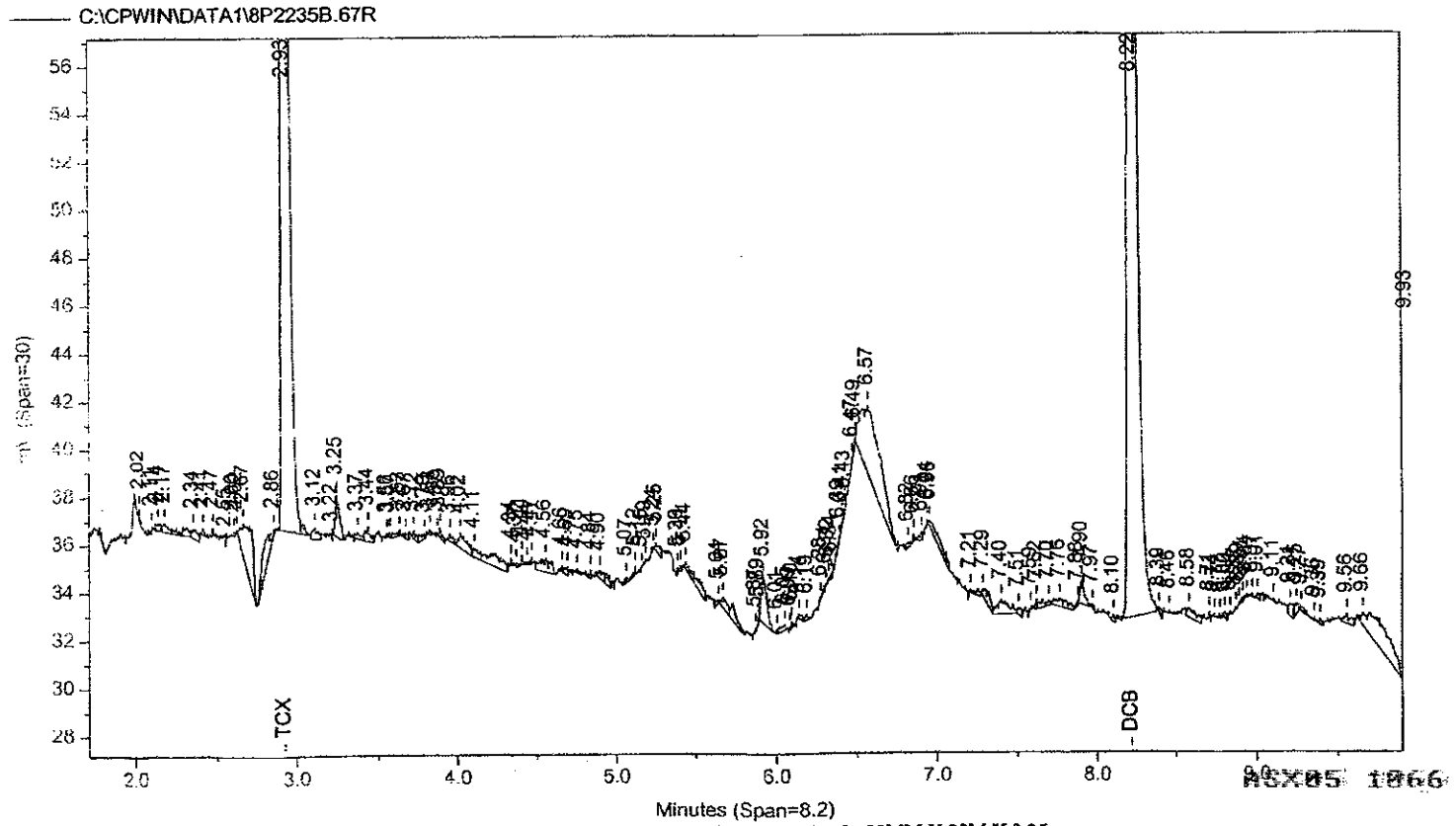
LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.67R



Instrument ID: CP02-H2601A Injected On: 9/5/2008 2:16:01 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.67R



Instrument ID: CP02-H2601B Injected On: 9/5/2008 2:16:01 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

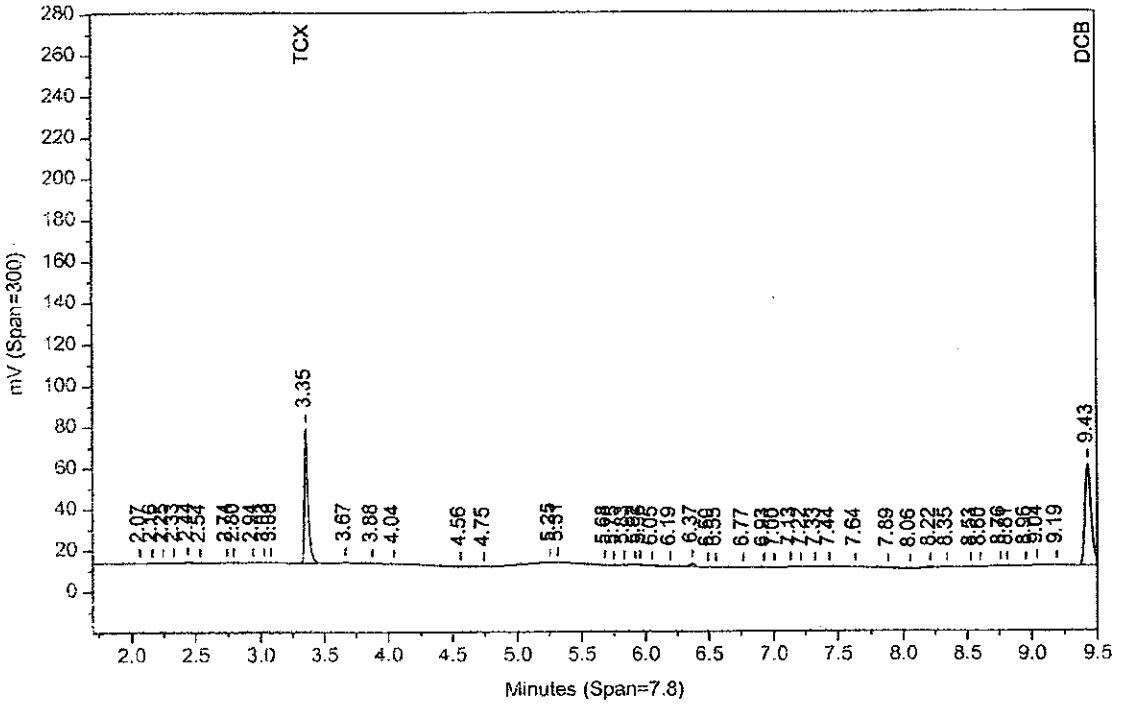
Dilution Factor: 1

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.353	65769	20.62552	TCX	2.926	111903	21.00543	TCX
9.43	49330	21.57648	DCB	8.22	98433	21.40185	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.67A
Area File: C:\CPWIN\DATA1\8P2235B.67A
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 2:26:04 AM
File Reported On: 9/5/2008 at 2:26:10 AM

10X REPLOTS

C:\CPWIN\DATA1\8P2235.67R



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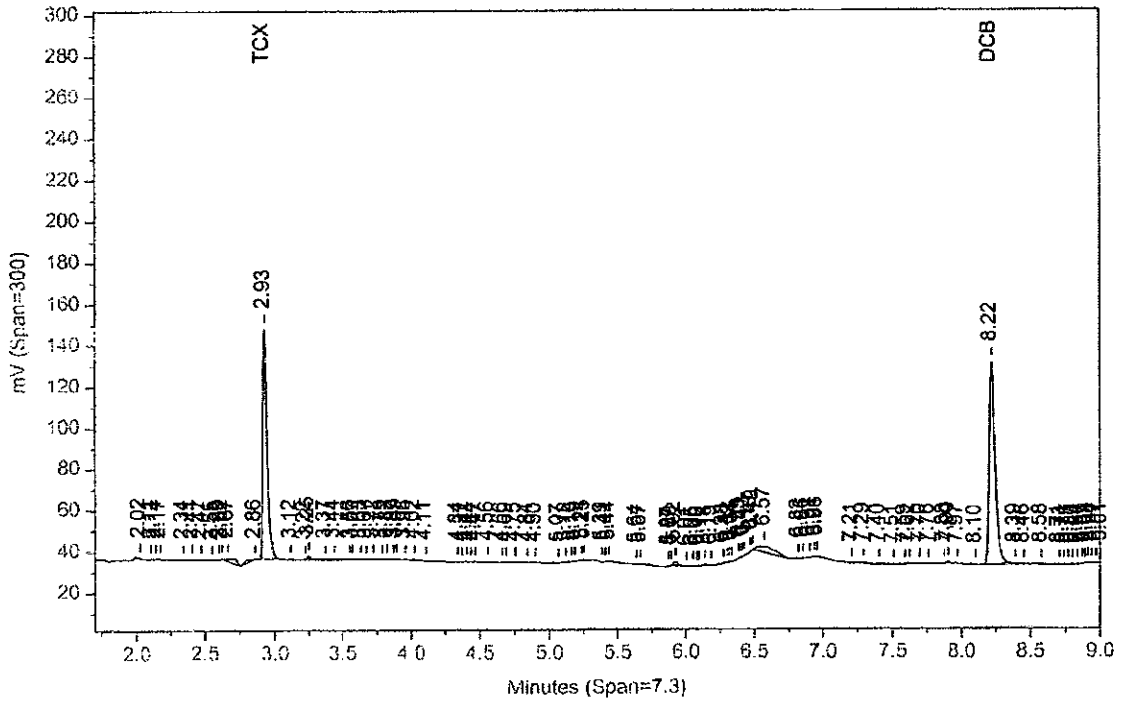


ASX05 1068

AR1630824A FOAR163FO CCAL 0824899999

Sample Name: **AR1630824A FOAR163FO CCAL 0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 03:27:48pm 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\9P2235.06R**
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	2.077		0.0000	0.000	122.1	0.007	BB	0.063	32.24	0.004
2	2.158		0.0000	0.000	810.9	0.047	BB	0.041	328.19	0.045
3	2.248		0.0000	0.000	563.7	0.032	BB	0.051	184.90	0.025
4	2.331		0.0000	0.000	1014.1	0.058	BB	0.037	454.32	0.062
5	2.439		0.0000	0.000	14861.6	0.853	BB	0.038	6442.98	0.881
6	2.711		0.0000	0.000	171.1	0.010	BB	0.046	61.64	0.008
7	2.806		0.0000	0.000	935.2	0.054	BB	0.053	294.92	0.040
8	2.974		0.0000	0.000	135.1	0.008	BB	0.054	42.05	0.006
9	3.030		0.0000	0.000	281.5	0.016	BB	0.032	145.23	0.020
10	3.119		0.0000	0.000	5681.1	0.326	BB	0.111	850.46	0.116
11	3.353	TCX	40.9716	50.652	275075.5	15.781	BB	0.035	130647.10	17.868
12	3.546		0.0000	0.000	26.1	0.001	BB	0.025	17.27	0.002
13	3.592		0.0000	0.000	3886.0	0.223	BB	0.035	1875.27	0.256
14	3.681		0.0000	0.000	7058.4	0.405	BB	0.038	3102.17	0.424
15	3.759		0.0000	0.000	28129.9	1.614	BB	0.037	12534.39	1.714
16	3.874		0.0000	0.000	44.5	0.003	BB	0.015	47.95	0.007
17	3.909		0.0000	0.000	3170.7	0.182	BB	0.036	1460.28	0.200
18	4.109		0.0000	0.000	7303.4	0.419	BB	0.032	3847.26	0.526
19	4.126		0.0000	0.000	3667.8	0.210	BB	0.019	3157.24	0.432
20	4.239		0.0000	0.000	653.7	0.038	BB	0.019	563.29	0.077
21	4.293		0.0000	0.000	33536.2	1.924	BB	0.036	15419.77	2.109
22	4.414		0.0000	0.000	355.6	0.020	BB	0.025	241.13	0.033
23	4.488		0.0000	0.000	11785.4	0.676	BB	0.048	4127.50	0.565
24	4.580		0.0000	0.000	79004.2	4.533	BB	0.038	34895.55	4.773
25	4.642		0.0000	0.000	24036.4	1.379	BB	0.029	13693.12	1.873
26	4.734		0.0000	0.000	25363.1	1.455	BB	0.030	13902.16	1.901
27	4.794		0.0000	0.000	330.2	0.019	BB	0.017	325.46	0.045
28	4.845		0.0000	0.000	10649.1	0.611	BB	0.025	7089.20	0.970
29	4.889		0.0000	0.000	21887.8	1.256	BB	0.047	7704.80	1.054
30	5.036		0.0000	0.000	36878.1	2.116	BB	0.047	13115.51	1.794
31	5.118		0.0000	0.000	2081.7	0.119	BB	0.018	1912.02	0.261
32	5.169		0.0000	0.000	20246.4	1.162	BB	0.031	10920.94	1.494
33	5.227		0.0000	0.000	3207.1	0.184	BB	0.025	2151.64	0.294
34	5.300		0.0000	0.000	437.5	0.025	BB	0.026	283.75	0.039
35	5.361		0.0000	0.000	555.9	0.032	BB	0.023	401.92	0.055
36	5.412		0.0000	0.000	24237.5	1.391	BB	0.039	10485.11	1.434
37	5.469		0.0000	0.000	1141.3	0.065	BB	0.017	1143.19	0.156
38	5.580		0.0000	0.000	1288.8	0.074	BB	0.026	837.90	0.115
39	5.642		0.0000	0.000	24651.0	1.414	BB	0.040	10372.73	1.419
40	5.838		0.0000	0.000	683.6	0.039	BB	0.039	295.75	0.040
41	5.929		0.0000	0.000	11014.0	0.632	BB	0.038	4796.38	0.656
42	5.995		0.0000	0.000	6483.2	0.372	BB	0.028	3870.76	0.529
43	6.065		0.0000	0.000	38981.2	2.236	BB	0.050	13033.40	1.783
44	6.168		0.0000	0.000	62180.0	3.567	BB	0.038	27016.66	3.695
45	6.286		0.0000	0.000	4901.9	0.281	BB	0.035	2342.97	0.320
46	6.369		0.0000	0.000	12422.2	0.713	BB	0.032	6565.45	0.898
47	6.442		0.0000	0.000	70030.8	4.018	BB	0.037	31634.06	4.326
48	6.497		0.0000	0.000	2949.0	0.169	BB	0.021	2383.40	0.326
49	6.559		0.0000	0.000	25406.6	1.458	BB	0.037	11407.00	1.560
50	6.662		0.0000	0.000	2022.7	0.116	BB	0.024	1433.18	0.196
51	6.711		0.0000	0.000	76269.6	4.376	BB	0.038	33817.11	4.625
52	6.800		0.0000	0.000	32399.5	1.859	BB	0.029	18886.90	2.583
53	6.854		0.0000	0.000	13066.5	0.750	BB	0.028	7891.22	1.079
54	6.985		0.0000	0.000	2051.7	0.118	BB	0.052	652.83	0.089
55	7.018		0.0000	0.000	42034.1	2.412	BB	0.034	20717.04	2.833
56	7.098		0.0000	0.000	15511.6	0.890	BB	0.029	8868.69	1.213
57	7.150		0.0000	0.000	4142.2	0.238	BB	0.024	2845.22	0.389
58	7.280		0.0000	0.000	10585.4	0.607	BB	0.035	5016.19	0.686
59	7.366		0.0000	0.000	133966.0	7.686	BB	0.043	51587.43	7.055
60	7.606		0.0000	0.000	896.0	0.051	BB	0.063	237.63	0.033
61	7.703		0.0000	0.000	61308.4	3.517	BB	0.036	28383.99	3.882
62	7.798		0.0000	0.000	17947.0	1.030	BB	0.040	7559.33	1.034

ASX85 1069

AR1630824A FOAR163FO CCAL 0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.910		0.0000	0.000	285.1	0.016	BB	0.042	112.14	0.015
64	8.051		0.0000	0.000	1649.4	0.095	BB	0.044	630.49	0.086
65	8.213		0.0000	0.000	20172.8	1.157	BB	0.055	6136.56	0.839
66	8.479		0.0000	0.000	449.1	0.026	BB	0.055	135.50	0.019
67	8.555		0.0000	0.000	32153.9	1.845	BB	0.043	12464.78	1.705
68	8.660		0.0000	0.000	1960.0	0.112	BB	0.044	738.96	0.101
69	8.916		0.0000	0.000	5516.4	0.316	BB	0.097	950.41	0.130
70	9.040		0.0000	0.000	10469.0	0.601	BB	0.044	3944.67	0.539
71	9.431	DCB	39.9169	49.348	313935.7	18.011	BB	0.057	91261.40	12.481
72	9.714		0.0000	0.000	472.7	0.027	BB	0.074	105.87	0.014
73	9.864		0.0000	0.000	587.8	0.034	BB	0.042	231.32	0.032
74	9.932		0.0000	0.000	32882.4	1.886	BB	0.068	8108.07	1.109

Total Area = 1743053.0, Total Amount = 80.889, Total Height = 731175.3, Sample Units = ug/l

ASX05 1070

AR1630824A FOAR163FO CCAL 0824899999

Sample Name: **AR1630824A FOAR163FO CCAL 0824899999**

Acquired from CP02--H2601B via port 2 on 9/5/08 03:27:48pm 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.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	2.091		0.0000	0.000	24.6	0.001	BB	0.006	64.02	0.005
2	2.107		0.0000	0.000	44.4	0.002	BB	0.011	66.82	0.005
3	2.124		0.0000	0.000	158.4	0.005	BB	0.020	132.90	0.011
4	2.173		0.0000	0.000	857.5	0.029	BB	0.042	338.20	0.027
5	2.306		0.0000	0.000	330.1	0.011	BB	0.032	174.52	0.014
6	2.355		0.0000	0.000	74.3	0.003	BB	0.013	94.64	0.008
7	2.406		0.0000	0.000	308.2	0.011	BB	0.029	179.41	0.014
8	2.489		0.0000	0.000	1141.7	0.039	BB	0.052	368.09	0.029
9	2.607		0.0000	0.000	214.4	0.007	BB	0.049	72.54	0.006
10	2.640		0.0000	0.000	150.7	0.005	BB	0.038	65.96	0.005
11	2.657		0.0000	0.000	26.6	0.001	BB	0.008	56.00	0.004
12	2.673		0.0000	0.000	8421.0	0.289	BB	0.176	799.43	0.064
13	2.839		0.0000	0.000	7732.6	0.265	BB	0.110	1168.67	0.094
14	2.925	TCX	39.3393	50.742	486912.2	16.682	BB	0.039	209573.50	16.775
15	3.177		0.0000	0.000	7236.5	0.248	BB	0.032	3717.67	0.298
16	3.268		0.0000	0.000	13052.4	0.447	BB	0.041	5250.67	0.420
17	3.351		0.0000	0.000	52746.1	1.807	BB	0.039	22754.47	1.821
18	3.524		0.0000	0.000	7164.8	0.245	BB	0.041	2904.46	0.232
19	3.683		0.0000	0.000	110093.0	3.772	BB	0.052	35260.07	2.822
20	3.824		0.0000	0.000	976.0	0.033	BB	0.017	946.84	0.076
21	3.865		0.0000	0.000	59057.6	2.023	BB	0.037	26331.94	2.108
22	3.995		0.0000	0.000	2944.5	0.101	BB	0.029	1686.80	0.135
23	4.014		0.0000	0.000	2438.7	0.084	BB	0.020	1992.44	0.159
24	4.111		0.0000	0.000	122944.7	4.212	BB	0.035	58410.79	4.675
25	4.168		0.0000	0.000	35183.3	1.205	BB	0.031	19186.18	1.536
26	4.287		0.0000	0.000	37905.2	1.299	BB	0.027	23109.91	1.850
27	4.344		0.0000	0.000	12447.0	0.426	BB	0.022	9332.65	0.747
28	4.378		0.0000	0.000	33690.5	1.154	BB	0.038	14630.90	1.171
29	4.547		0.0000	0.000	51115.4	1.751	BB	0.039	22002.90	1.761
30	4.611		0.0000	0.000	2804.7	0.096	BB	0.019	2465.41	0.197
31	4.689		0.0000	0.000	39456.6	1.352	BB	0.034	19313.83	1.546
32	4.752		0.0000	0.000	7987.9	0.274	BB	0.026	5166.98	0.414
33	4.823		0.0000	0.000	273.3	0.009	BB	0.014	318.83	0.026
34	4.859		0.0000	0.000	2693.9	0.092	BB	0.021	2107.64	0.169
35	4.895		0.0000	0.000	50640.1	1.735	BB	0.040	21264.18	1.702
36	4.989		0.0000	0.000	1049.8	0.036	BB	0.018	972.27	0.078
37	5.046		0.0000	0.000	44843.3	1.536	BB	0.045	16780.41	1.343
38	5.224		0.0000	0.000	2839.1	0.097	BB	0.048	989.10	0.079
39	5.345		0.0000	0.000	7800.1	0.267	BB	0.035	3701.85	0.296
40	5.454		0.0000	0.000	36750.6	1.259	BB	0.038	16153.66	1.293
41	5.492		0.0000	0.000	5356.5	0.184	BB	0.026	3441.05	0.275
42	5.570		0.0000	0.000	97975.9	3.357	BB	0.038	43355.99	3.470
43	5.665		0.0000	0.000	809.1	0.028	BB	0.016	843.43	0.068
44	5.703		0.0000	0.000	12060.9	0.413	BB	0.027	7467.76	0.598
45	5.764		0.0000	0.000	120300.6	4.122	BB	0.039	51596.58	4.130
46	5.907		0.0000	0.000	112734.2	3.862	BB	0.038	49688.21	3.977
47	5.980		0.0000	0.000	2588.8	0.089	BB	0.019	2271.81	0.182
48	6.033		0.0000	0.000	11793.8	0.404	BB	0.024	8271.15	0.662
49	6.083		0.0000	0.000	53958.9	1.849	BB	0.027	32884.26	2.632
50	6.125		0.0000	0.000	29328.7	1.005	BB	0.024	20399.29	1.633
51	6.175		0.0000	0.000	16855.4	0.577	BB	0.023	12138.77	0.972
52	6.308		0.0000	0.000	15662.7	0.537	BB	0.034	7758.75	0.621
53	6.379		0.0000	0.000	99241.6	3.400	BB	0.040	41120.36	3.291
54	6.474		0.0000	0.000	21882.5	0.750	BB	0.026	14053.56	1.125
55	6.520		0.0000	0.000	2593.3	0.089	BB	0.018	2412.29	0.193
56	6.561		0.0000	0.000	2838.1	0.097	BB	0.022	2180.59	0.175
57	6.631		0.0000	0.000	185757.8	6.364	BB	0.039	79666.58	6.377
58	6.724		0.0000	0.000	1345.0	0.046	BB	0.022	1030.51	0.082
59	6.840		0.0000	0.000	105.6	0.004	BB	0.013	133.75	0.011
60	6.915		0.0000	0.000	27765.4	0.951	BB	0.028	16463.57	1.318
61	6.978		0.0000	0.000	130826.0	4.482	BB	0.038	57731.86	4.621
62	7.196		0.0000	0.000	1757.0	0.060	BB	0.029	1018.69	0.082

ASX05 5071

AR1630824A FOAR163FO CCAL 0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.256		0.0000	0.000	1483.8	0.051	BB	0.023	1052.84	0.084
64	7.299		0.0000	0.000	1659.9	0.057	BB	0.028	1000.46	0.080
65	7.374		0.0000	0.000	29486.4	1.010	BB	0.044	11161.62	0.893
66	7.544		0.0000	0.000	74234.2	2.543	BB	0.044	28366.27	2.271
67	7.724		0.0000	0.000	38.7	0.001	BB	0.011	57.22	0.005
68	7.739		0.0000	0.000	400.6	0.014	BB	0.040	167.54	0.013
69	7.841		0.0000	0.000	34.3	0.001	BB	0.008	76.09	0.006
70	7.900		0.0000	0.000	30760.2	1.054	BB	0.051	9979.07	0.799
71	8.222	DCB	38.1885	49.258	521924.8	17.881	BB	0.050	175639.50	14.059
72	8.414		0.0000	0.000	6287.9	0.215	BB	0.069	1516.30	0.121
73	8.524		0.0000	0.000	277.0	0.009	BB	0.031	150.47	0.012
74	8.622		0.0000	0.000	1444.9	0.050	BB	0.047	512.63	0.041
75	8.707		0.0000	0.000	48.7	0.002	BB	0.010	82.10	0.007
76	8.723		0.0000	0.000	28.8	0.001	BB	0.007	68.93	0.006
77	8.749		0.0000	0.000	1060.0	0.036	BB	0.048	371.04	0.030
78	8.856		0.0000	0.000	427.0	0.015	BB	0.034	206.67	0.017
79	8.939		0.0000	0.000	452.8	0.016	BB	0.041	185.69	0.015
80	8.990		0.0000	0.000	1075.5	0.037	BB	0.040	450.96	0.036
81	9.057		0.0000	0.000	43.1	0.001	BB	0.011	66.63	0.005
82	9.073		0.0000	0.000	79.0	0.003	BB	0.013	98.67	0.008
83	9.141		0.0000	0.000	50.9	0.002	BB	0.011	76.54	0.006
84	9.156		0.0000	0.000	2105.4	0.072	BB	0.130	269.88	0.022
85	9.373		0.0000	0.000	53.6	0.002	BB	0.010	86.39	0.007
86	9.407		0.0000	0.000	20.6	0.001	BB	0.006	59.09	0.005
87	9.440		0.0000	0.000	353.6	0.012	BB	0.030	197.95	0.016
88	9.474		0.0000	0.000	325.9	0.011	BB	0.036	151.73	0.012
89	9.589		0.0000	0.000	887.3	0.030	BB	0.040	373.09	0.030
90	9.623		0.0000	0.000	1615.8	0.055	BB	0.141	191.25	0.015
91	9.923		0.0000	0.000	36073.5	1.236	BB	0.055	10851.21	0.869

Total Area = 2918803.0, Total Amount = 77.528, Total Height = 1249304.0, Sample Units = ug/l

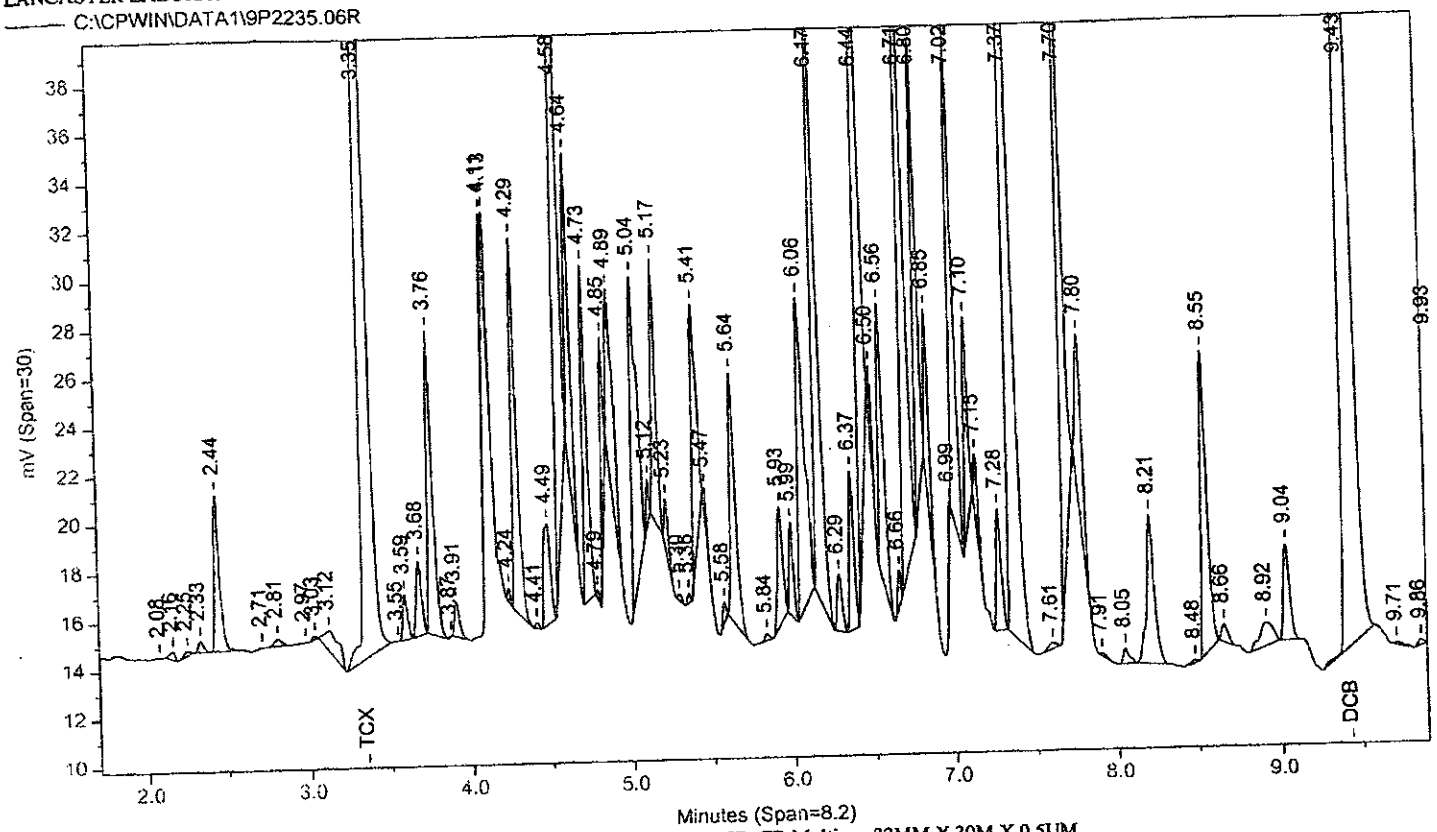
ASX05: 1072

AR1630824A FOAR163FO CCAL 0824899999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.06R

C:\CPWIN\DATA1\9P2235.06R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 3:17:48 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

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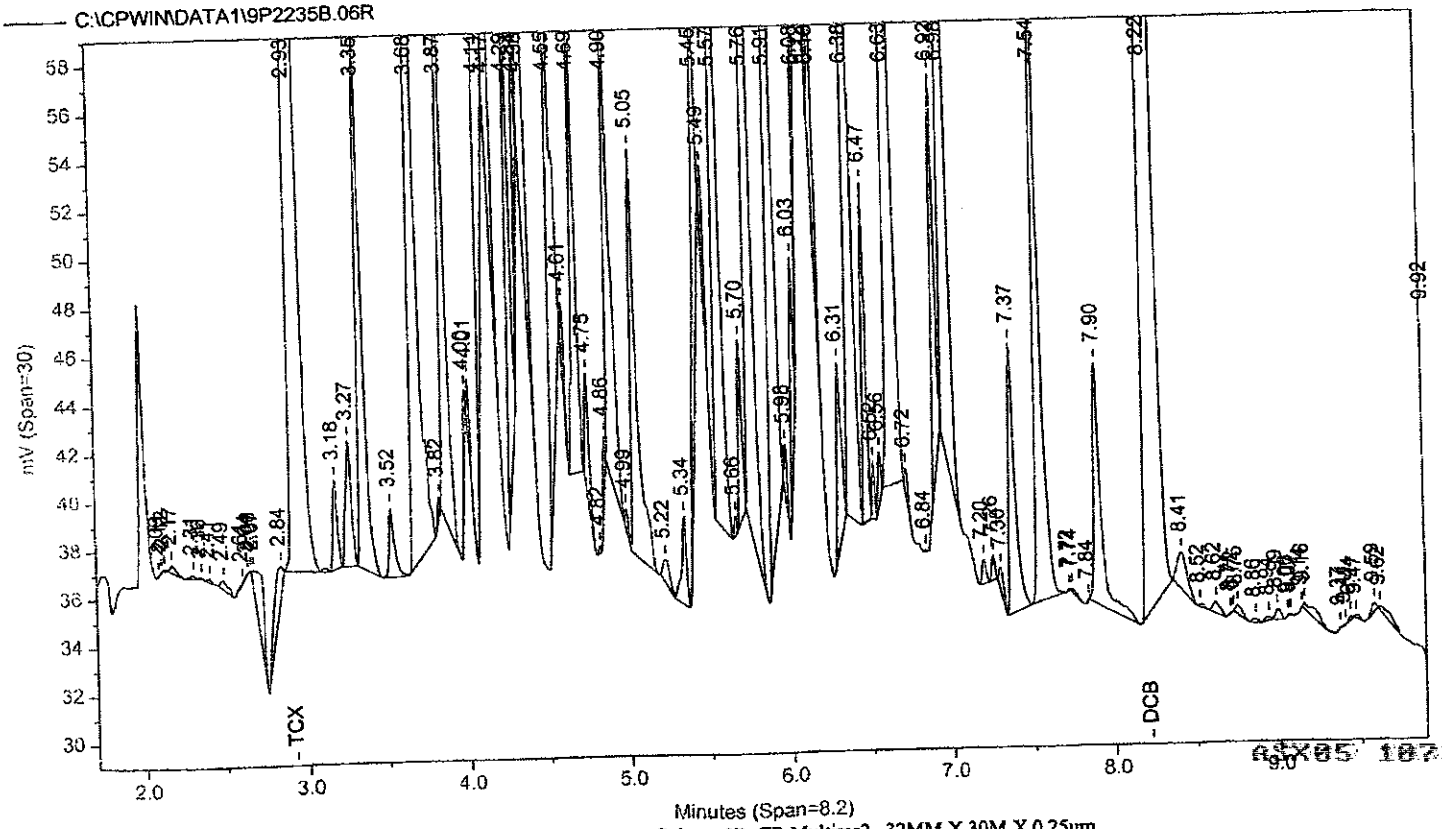

Instrument ID: CP02–H2601B Injected On: 9/5/2008 3:17:48 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

AR1630824A FOAR163FO 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
3.353	130647	40.97163	TCX
9.431	91261	39.91689	DCB

RT B	Height B	Amount B	Compound B
2.925	209573	39.33934	TCX
8.222	175639	38.18847	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.06A
Area File: C:\CPWIN\DATA1\9P2235B.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: 9/5/2008 3:27:52 PM
File Reported On: 9/5/2008 at 3:27:58 PM

10X REPLOTS

ASX05 1074

AR1630824A FOAR163FO CCAL 0824899999

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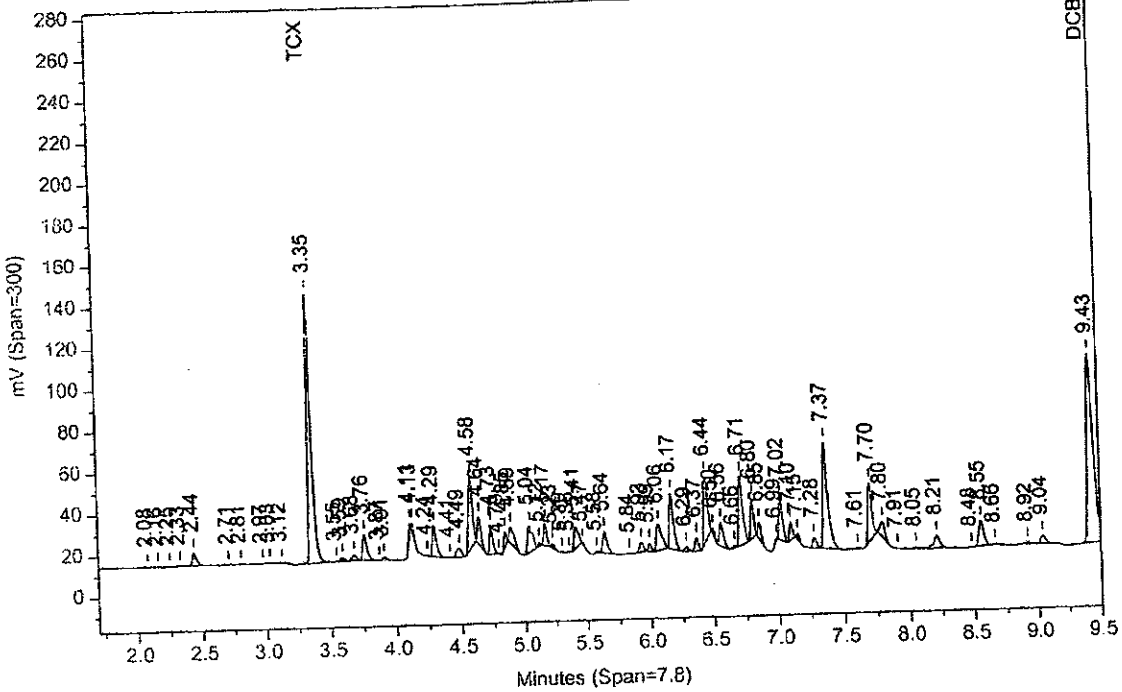

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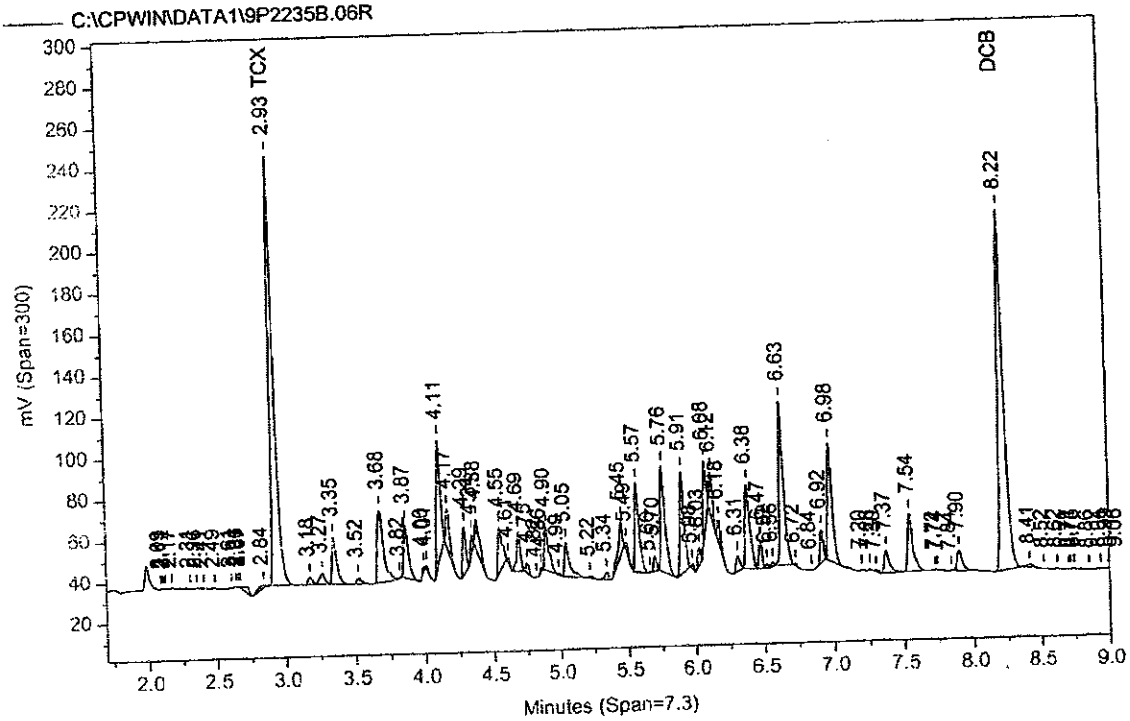


ASX85 1075

IBLKX0824C MSPIBLKMS PIBLK0824899999

Sample Name: **IBLKX0824C MSPIBLKMS PIBLK0824899999**
Acquired from CP02--H2601A via port 1 on 9/5/08 03:42:17pm 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\9P2235.07R**
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	533.6	0.138	BB	0.055	162.81	0.123
2	2.251		0.0000	0.000	236.2	0.061	BB	0.049	80.43	0.061
3	2.333		0.0000	0.000	480.0	0.124	BB	0.036	219.50	0.166
4	2.443		0.0000	0.000	1229.0	0.318	BB	0.041	499.69	0.378
5	2.553		0.0000	0.000	173.3	0.045	BB	0.064	45.30	0.034
6	2.719		0.0000	0.000	328.1	0.085	BB	0.063	86.83	0.066
7	2.806		0.0000	0.000	183.9	0.048	BB	0.115	26.57	0.020
8	3.028		0.0000	0.000	80.6	0.021	BB	0.031	43.02	0.033
9	3.124		0.0000	0.000	1769.5	0.458	BB	0.115	255.77	0.194
10	3.357	TCX	199.6860	48.974	129458.4	33.491	BB	0.034	63674.29	48.229
11	3.671		0.0000	0.000	1747.7	0.452	BB	0.037	786.12	0.595
12	3.838		0.0000	0.000	37.3	0.010	BB	0.044	14.00	0.011
13	3.878		0.0000	0.000	185.7	0.048	BB	0.032	95.51	0.072
14	4.035		0.0000	0.000	21.3	0.006	BB	0.030	11.91	0.009
15	4.171		0.0000	0.000	267.5	0.069	BB	0.047	94.71	0.072
16	4.305		0.0000	0.000	207.3	0.054	BB	0.048	72.38	0.055
17	4.387		0.0000	0.000	424.0	0.110	BB	0.052	134.93	0.102
18	4.559		0.0000	0.000	647.4	0.167	BB	0.063	170.73	0.129
19	4.739		0.0000	0.000	1465.3	0.379	BB	0.089	275.36	0.209
20	5.058		0.0000	0.000	293.1	0.076	BB	0.070	70.08	0.053
21	5.126		0.0000	0.000	94.4	0.024	BB	0.029	54.13	0.041
22	5.193		0.0000	0.000	1129.4	0.292	BB	0.060	314.59	0.238
23	5.366		0.0000	0.000	3566.7	0.923	BB	0.093	637.64	0.483
24	5.621		0.0000	0.000	1536.6	0.398	BB	0.065	395.06	0.299
25	5.680		0.0000	0.000	64.8	0.017	BB	0.021	50.43	0.038
26	5.764		0.0000	0.000	680.2	0.176	BB	0.083	136.49	0.103
27	5.962		0.0000	0.000	707.3	0.183	BB	0.046	256.35	0.194
28	6.193		0.0000	0.000	629.3	0.163	BB	0.070	149.22	0.113
29	6.373		0.0000	0.000	11734.5	3.036	BB	0.059	3310.30	2.507
30	6.624		0.0000	0.000	566.1	0.146	BB	0.058	163.24	0.124
31	6.768		0.0000	0.000	3257.2	0.843	BB	0.099	547.83	0.415
32	6.984		0.0000	0.000	465.2	0.120	BB	0.080	96.59	0.073
33	7.123		0.0000	0.000	2254.7	0.583	BB	0.076	496.15	0.376
34	7.239		0.0000	0.000	606.7	0.157	BB	0.065	154.43	0.117
35	7.499		0.0000	0.000	6276.3	1.624	BB	0.139	752.82	0.570
36	7.693		0.0000	0.000	831.1	0.215	BB	0.074	187.43	0.142
37	7.984		0.0000	0.000	492.5	0.127	BB	0.042	196.31	0.149
38	8.214		0.0000	0.000	3094.0	0.800	BB	0.112	461.74	0.350
39	8.353		0.0000	0.000	258.2	0.067	BB	0.068	63.74	0.048
40	8.460		0.0000	0.000	3112.1	0.805	BB	0.108	478.66	0.363
41	8.734		0.0000	0.000	1571.6	0.407	BB	0.089	295.60	0.224
42	8.940		0.0000	0.000	3011.6	0.779	BB	0.113	443.76	0.336
43	9.042		0.0000	0.000	677.3	0.175	BB	0.036	313.73	0.238
44	9.186		0.0000	0.000	737.7	0.191	BB	0.063	194.47	0.147
45	9.223		0.0000	0.000	710.6	0.184	BB	0.075	158.79	0.120
46	9.348		0.0000	0.000	203.9	0.053	BB	0.030	113.38	0.086
47	9.436	DCB	208.0554	51.026	164909.2	42.662	BB	0.058	47567.40	36.029
48	9.663		0.0000	0.000	41.9	0.011	BB	0.022	31.95	0.024
49	9.761		0.0000	0.000	135.4	0.035	BB	0.030	75.88	0.057
50	9.815		0.0000	0.000	26.6	0.007	BB	0.021	21.57	0.016
51	9.944		0.0000	0.000	33399.2	8.640	BB	0.079	7084.44	5.366

Total Area = 386551.4, Total Amount = 407.741, Total Height = 132024.1, Sample Units = ug/l

ASX05 1076

Sample Name: **IBLKX0824C MSPIBLKMS PIBLK0824899999**
Acquired from CP02--H2601B via port 2 on 9/5/08 03:42:17pm 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.07R**
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	2.026		0.0000	0.000	211.9	0.033	BB	0.017	204.18	0.084
2	2.111		0.0000	0.000	104.2	0.016	BB	0.019	93.53	0.039
3	2.129		0.0000	0.000	43.3	0.007	BB	0.011	65.54	0.027
4	2.161		0.0000	0.000	21.8	0.003	BB	0.007	52.32	0.022
5	2.176		0.0000	0.000	169.5	0.026	BB	0.023	121.70	0.050
6	2.243		0.0000	0.000	27.7	0.004	BB	0.008	59.47	0.025
7	2.278		0.0000	0.000	25.9	0.004	BB	0.008	55.73	0.023
8	2.294		0.0000	0.000	72.2	0.011	BB	0.017	70.89	0.029
9	2.360		0.0000	0.000	129.2	0.020	BB	0.029	74.32	0.031
10	2.395		0.0000	0.000	32.2	0.005	BB	0.010	53.22	0.022
11	2.411		0.0000	0.000	86.5	0.014	BB	0.018	80.41	0.033
12	2.494		0.0000	0.000	36.7	0.006	BB	0.015	41.53	0.017
13	2.527		0.0000	0.000	56.1	0.009	BB	0.014	65.52	0.027
14	2.594		0.0000	0.000	170.2	0.027	BB	0.035	82.13	0.034
15	2.628		0.0000	0.000	31.4	0.005	BB	0.009	61.46	0.025
16	2.663		0.0000	0.000	32.3	0.005	BB	0.008	65.82	0.027
17	2.677		0.0000	0.000	45.1	0.007	BB	0.009	80.21	0.033
18	2.694		0.0000	0.000	30.2	0.005	BB	0.008	63.36	0.026
19	2.710		0.0000	0.000	1479.4	0.231	BB	0.055	451.15	0.186
20	2.830		0.0000	0.000	1197.8	0.187	BB	0.164	121.68	0.050
21	2.877		0.0000	0.000	17.9	0.003	BB	0.008	36.35	0.015
22	2.928	TCX	205.4313	49.677	240270.0	37.486	BB	0.037	109440.00	45.226
23	3.128		0.0000	0.000	307.6	0.048	BB	0.042	122.44	0.051
24	3.210		0.0000	0.000	22.1	0.003	BB	0.008	45.19	0.019
25	3.251		0.0000	0.000	2583.4	0.403	BB	0.030	1422.13	0.588
26	3.327		0.0000	0.000	107.3	0.017	BB	0.023	79.27	0.033
27	3.394		0.0000	0.000	22.6	0.004	BB	0.009	42.45	0.018
28	3.428		0.0000	0.000	646.5	0.101	BB	0.031	343.20	0.142
29	3.496		0.0000	0.000	34.8	0.005	BB	0.012	46.48	0.019
30	3.527		0.0000	0.000	58.7	0.009	BB	0.018	54.03	0.022
31	3.594		0.0000	0.000	28.3	0.004	BB	0.008	57.07	0.024
32	3.611		0.0000	0.000	33.2	0.005	BB	0.010	54.11	0.022
33	3.676		0.0000	0.000	284.7	0.044	BB	0.040	119.21	0.049
34	3.778		0.0000	0.000	4.9	0.001	BB	0.004	19.19	0.008
35	3.811		0.0000	0.000	1323.4	0.206	BB	0.045	491.37	0.203
36	3.962		0.0000	0.000	302.8	0.047	BB	0.024	210.39	0.087
37	4.027		0.0000	0.000	451.5	0.070	BB	0.025	297.97	0.123
38	4.061		0.0000	0.000	232.8	0.036	BB	0.029	134.27	0.055
39	4.110		0.0000	0.000	83.6	0.013	BB	0.016	86.64	0.036
40	4.145		0.0000	0.000	18.0	0.003	BB	0.008	37.71	0.016
41	4.177		0.0000	0.000	72.1	0.011	BB	0.019	63.37	0.026
42	4.228		0.0000	0.000	57.9	0.009	BB	0.010	97.91	0.040
43	4.243		0.0000	0.000	241.6	0.038	BB	0.039	103.56	0.043
44	4.377		0.0000	0.000	29.4	0.005	BB	0.009	57.56	0.024
45	4.394		0.0000	0.000	40.6	0.006	BB	0.009	73.64	0.030
46	4.410		0.0000	0.000	34.6	0.005	BB	0.008	71.02	0.029
47	4.444		0.0000	0.000	32.7	0.005	BB	0.009	62.45	0.026
48	4.478		0.0000	0.000	35.8	0.006	BB	0.010	62.30	0.026
49	4.495		0.0000	0.000	22.9	0.004	BB	0.008	49.13	0.020
50	4.510		0.0000	0.000	90.9	0.014	BB	0.016	93.73	0.039
51	4.644		0.0000	0.000	95.6	0.015	BB	0.017	92.94	0.038
52	4.676		0.0000	0.000	135.2	0.021	BB	0.029	78.04	0.032
53	4.693		0.0000	0.000	486.0	0.076	BB	0.069	117.65	0.049
54	4.810		0.0000	0.000	25.3	0.004	BB	0.005	80.24	0.033
55	4.827		0.0000	0.000	150.7	0.024	BB	0.020	123.03	0.051
56	4.894		0.0000	0.000	394.4	0.062	BB	0.045	145.99	0.060
57	5.027		0.0000	0.000	72.0	0.011	BB	0.019	64.01	0.026
58	5.060		0.0000	0.000	92.5	0.014	BB	0.019	79.68	0.033
59	5.109		0.0000	0.000	360.4	0.056	BB	0.030	198.45	0.082
60	5.260		0.0000	0.000	3979.6	0.621	BB	0.078	851.73	0.352
61	5.327		0.0000	0.000	22.0	0.003	BB	0.006	62.28	0.026
62	5.343		0.0000	0.000	640.5	0.100	BB	0.032	338.51	0.140

ASX05 1077

IBLKX0824C MSPIBLKMS PIBLK0824899999

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	5.427		0.0000	0.000	941.7	0.147	BB	0.044	357.97	0.148
64	5.509		0.0000	0.000	249.8	0.039	BB	0.039	106.42	0.044
65	5.643		0.0000	0.000	171.8	0.027	BB	0.023	127.09	0.053
66	5.676		0.0000	0.000	557.5	0.087	BB	0.067	139.21	0.058
67	5.928		0.0000	0.000	19482.6	3.040	BB	0.058	5570.35	2.302
68	6.093		0.0000	0.000	96.5	0.015	BB	0.019	85.28	0.035
69	6.161		0.0000	0.000	29.1	0.005	BB	0.008	58.91	0.024
70	6.194		0.0000	0.000	14.6	0.002	BB	0.006	40.13	0.017
71	6.244		0.0000	0.000	73.0	0.011	BB	0.021	57.87	0.024
72	6.560		0.0000	0.000	4892.0	0.763	BB	0.577	141.28	0.058
73	6.586		0.0000	0.000	7078.6	1.104	BB	0.128	920.72	0.380
74	6.793		0.0000	0.000	15.2	0.002	BB	0.006	43.48	0.018
75	6.811		0.0000	0.000	24.1	0.004	BB	0.008	52.58	0.022
76	6.843		0.0000	0.000	164.1	0.026	BB	0.019	145.34	0.060
77	6.876		0.0000	0.000	54.4	0.008	BB	0.011	82.25	0.034
78	6.910		0.0000	0.000	77.6	0.012	BB	0.016	82.77	0.034
79	6.944		0.0000	0.000	46.4	0.007	BB	0.009	90.29	0.037
80	7.027		0.0000	0.000	3380.0	0.527	BB	0.068	823.85	0.340
81	7.126		0.0000	0.000	62.4	0.010	BB	0.011	97.16	0.040
82	7.193		0.0000	0.000	1071.5	0.167	BB	0.039	458.21	0.189
83	7.310		0.0000	0.000	1790.3	0.279	BB	0.055	542.21	0.224
84	7.478		0.0000	0.000	35.0	0.005	BB	0.009	67.14	0.028
85	7.494		0.0000	0.000	39.8	0.006	BB	0.009	70.46	0.029
86	7.544		0.0000	0.000	46.3	0.007	BB	0.011	72.08	0.030
87	7.560		0.0000	0.000	242.0	0.038	BB	0.029	140.04	0.058
88	7.677		0.0000	0.000	1317.0	0.205	BB	0.042	516.85	0.214
89	7.743		0.0000	0.000	1037.3	0.162	BB	0.053	327.68	0.135
90	7.844		0.0000	0.000	22.4	0.003	BB	0.006	58.52	0.024
91	7.909		0.0000	0.000	7358.5	1.148	BB	0.059	2070.39	0.856
92	8.027		0.0000	0.000	101.9	0.016	BB	0.014	123.42	0.051
93	8.110		0.0000	0.000	23.9	0.004	BB	0.005	72.60	0.030
94	8.127		0.0000	0.000	244.5	0.038	BB	0.028	145.65	0.060
95	8.229	DCB	208.1009	50.323	282159.0	44.021	BB	0.049	95711.45	39.552
96	8.476		0.0000	0.000	1036.7	0.162	BB	0.048	356.53	0.147
97	8.510		0.0000	0.000	842.0	0.131	BB	0.071	197.43	0.082
98	8.660		0.0000	0.000	36.5	0.006	BB	0.007	81.28	0.034
99	8.693		0.0000	0.000	210.8	0.033	BB	0.021	167.14	0.069
100	8.743		0.0000	0.000	486.0	0.076	BB	0.041	195.98	0.081
101	8.844		0.0000	0.000	32.4	0.005	BB	0.008	67.42	0.028
102	8.861		0.0000	0.000	39.1	0.006	BB	0.008	78.41	0.032
103	8.877		0.0000	0.000	45.4	0.007	BB	0.010	74.99	0.031
104	8.927		0.0000	0.000	95.3	0.015	BB	0.017	91.25	0.038
105	8.943		0.0000	0.000	397.8	0.062	BB	0.033	203.38	0.084
106	9.061		0.0000	0.000	24.9	0.004	BB	0.007	58.42	0.024
107	9.077		0.0000	0.000	26.7	0.004	BB	0.007	66.24	0.027
108	9.094		0.0000	0.000	36.3	0.006	BB	0.008	73.19	0.030
109	9.128		0.0000	0.000	26.0	0.004	BB	0.007	64.27	0.027
110	9.144		0.0000	0.000	33.7	0.005	BB	0.008	67.87	0.028
111	9.160		0.0000	0.000	880.6	0.137	BB	0.052	279.95	0.116
112	9.277		0.0000	0.000	26.5	0.004	BB	0.006	75.44	0.031
113	9.294		0.0000	0.000	28.6	0.004	BB	0.007	64.88	0.027
114	9.310		0.0000	0.000	45.7	0.007	BB	0.009	83.10	0.034
115	9.343		0.0000	0.000	19.6	0.003	BB	0.005	61.68	0.025
116	9.360		0.0000	0.000	54.0	0.008	BB	0.009	97.22	0.040
117	9.393		0.0000	0.000	299.4	0.047	BB	0.024	211.16	0.087
118	9.427		0.0000	0.000	442.2	0.069	BB	0.030	244.75	0.101
119	9.561		0.0000	0.000	36.1	0.006	BB	0.008	78.59	0.032
120	9.578		0.0000	0.000	48.1	0.007	BB	0.010	78.12	0.032
121	9.627		0.0000	0.000	415.8	0.065	BB	0.058	119.82	0.050
122	9.660		0.0000	0.000	7644.2	1.193	BB	0.217	587.96	0.243
123	9.927		0.0000	0.000	36805.4	5.742	BB	0.057	10689.86	4.418

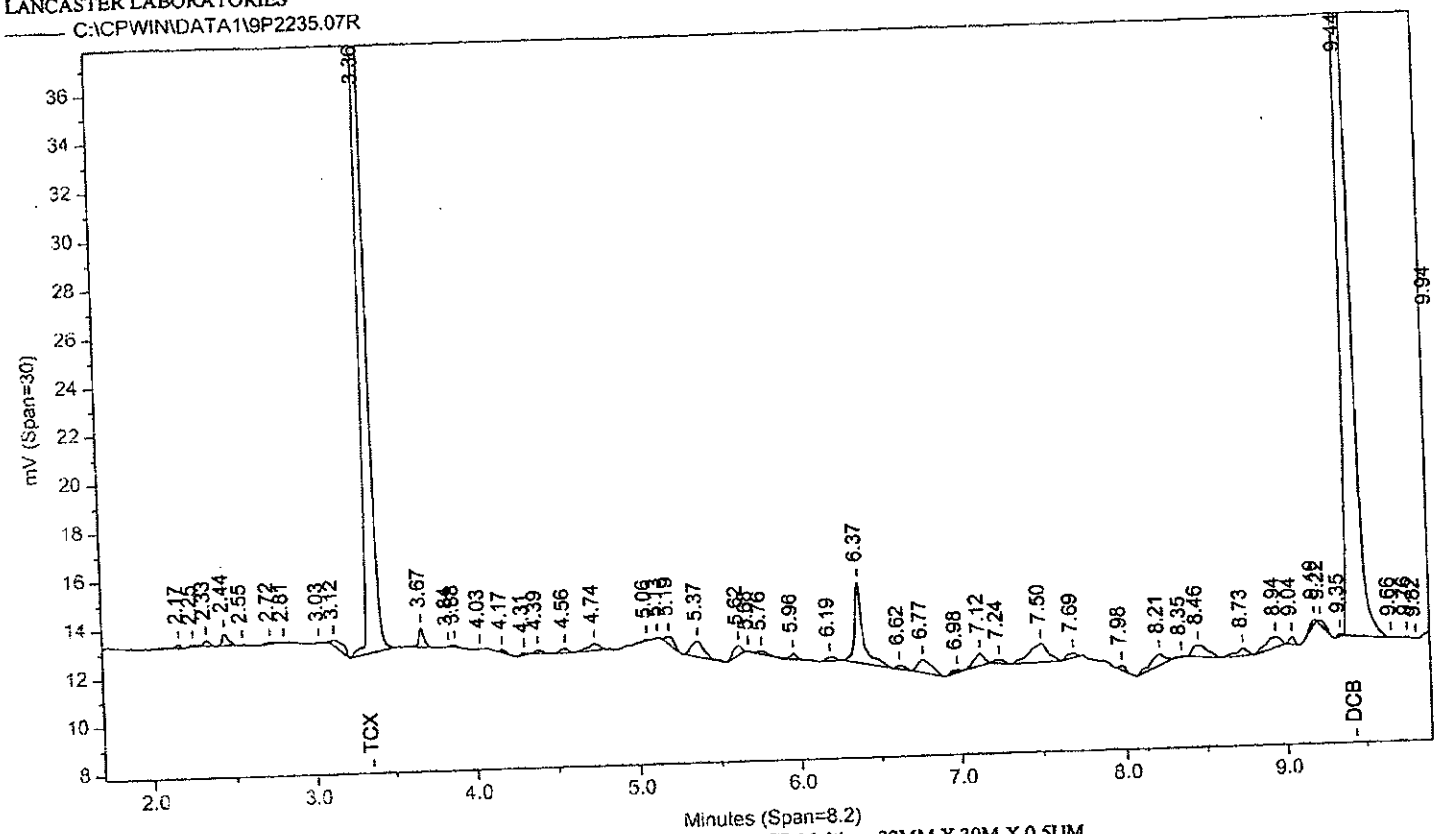
Total Area = 640967.3, Total Amount = 413.532, Total Height = 241986.8, Sample Units = ug/l

ASX05 1078

IBLKX0824C MSPIBLKMS PIBLK0824899999

LANCASTER LABORATORIES

File: C:\CPWIN\DATA1\9P2235.07R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 3:32:17 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

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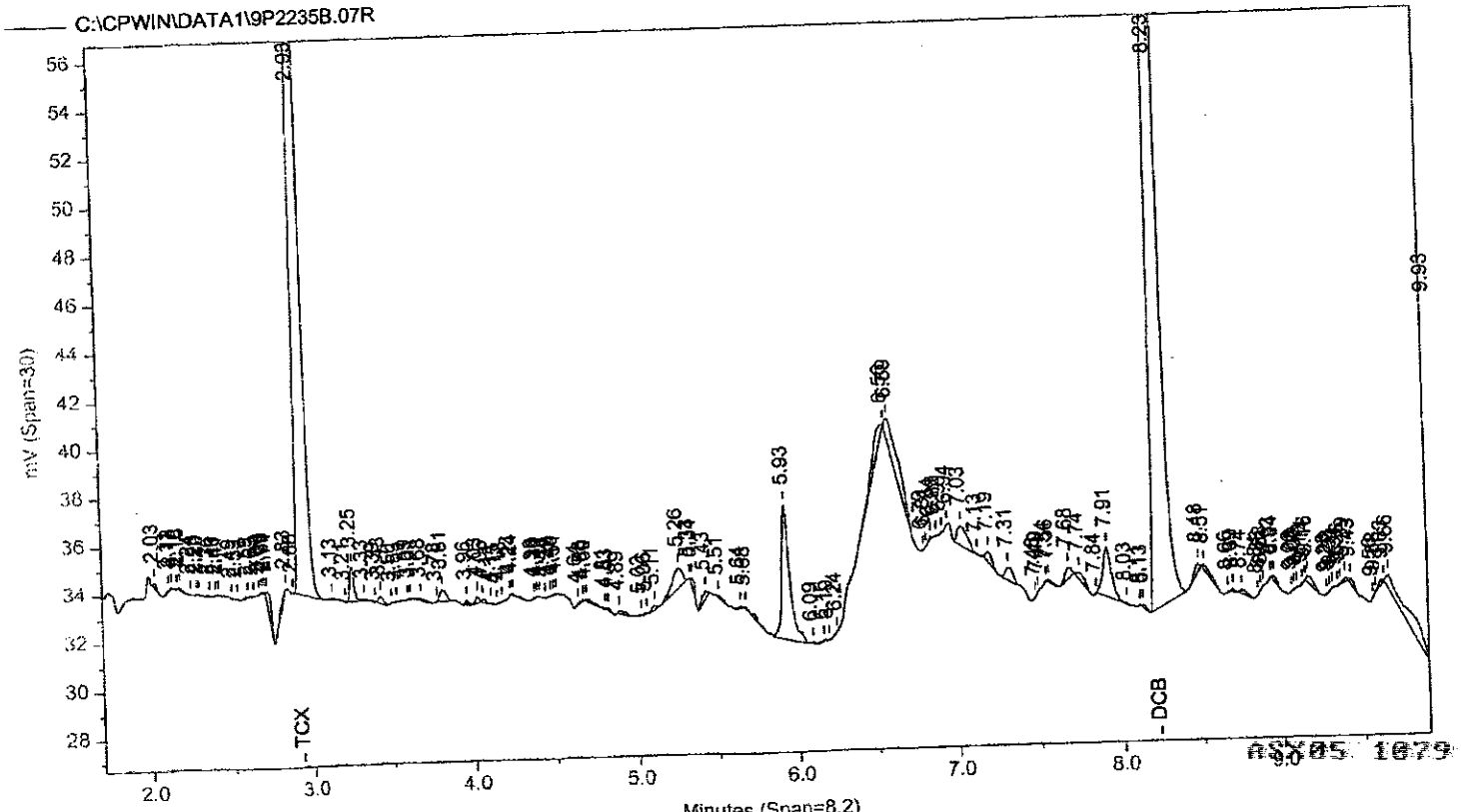


Instrument ID: CP02--H2601B Injected On: 9/5/2008 3:32:17 PM

Column ID: ZB Multires2 .32MM X 30M X 0.25um

IBLKX0824C MSPIBLKMS PIBLK0824899999

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

Dilution Factor: 10

Sample Weight: 1000
Analyst: 2280

RT A	Height A	Amount A	Compound A
3.357	63674	.19969	TCX
9.436	47567	.20806	DCB

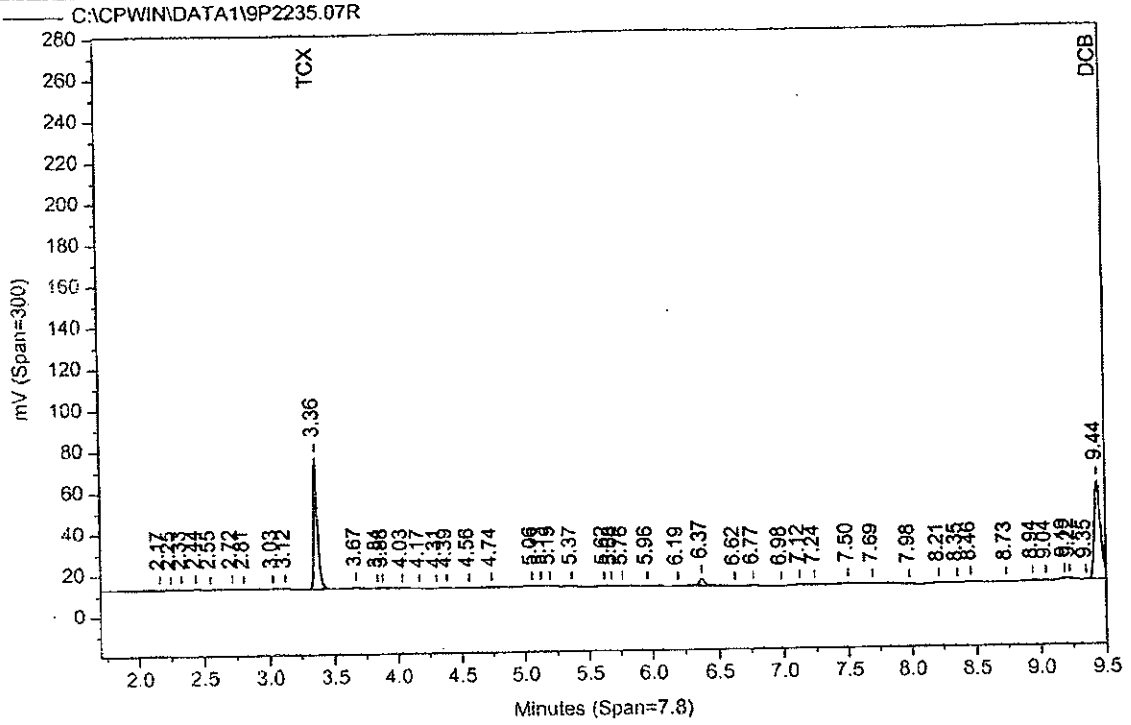
RT B	Height B	Amount B	Compound B
2.928	109440	.20543	TCX
8.229	95711	.2081	DCB

Files:
Area File: C:\CPWIN\DATA1\9P2235.07A
Area File: C:\CPWIN\DATA1\9P2235B.07A
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 3:42:20 PM
File Reported On: 9/5/2008 at 3:42:27 PM

10X REPLOTS

ASX05 1000

C:\CPWIN\DATA1\9P2235.07R



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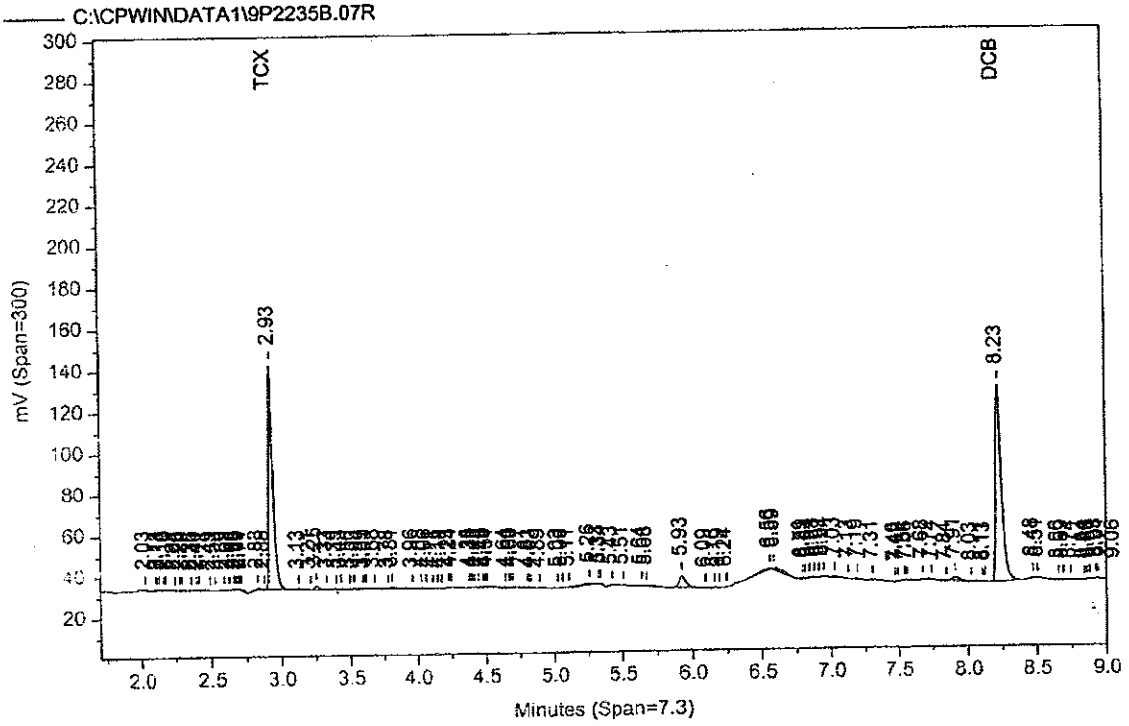


IBLKX0824C MTPIBLKMT PIBLK0824899999

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

ASX05 1082

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

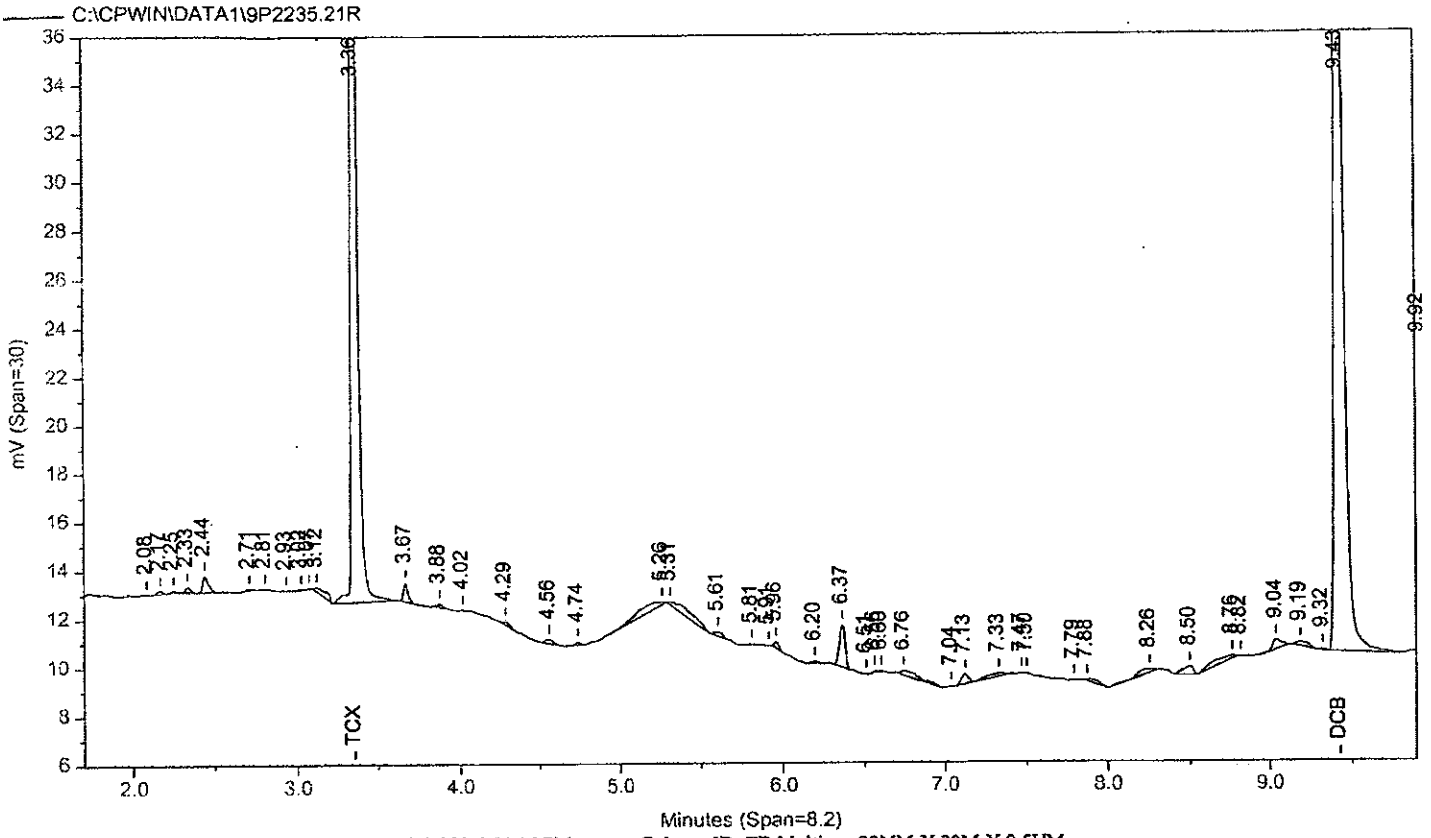
ASX05 1083

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

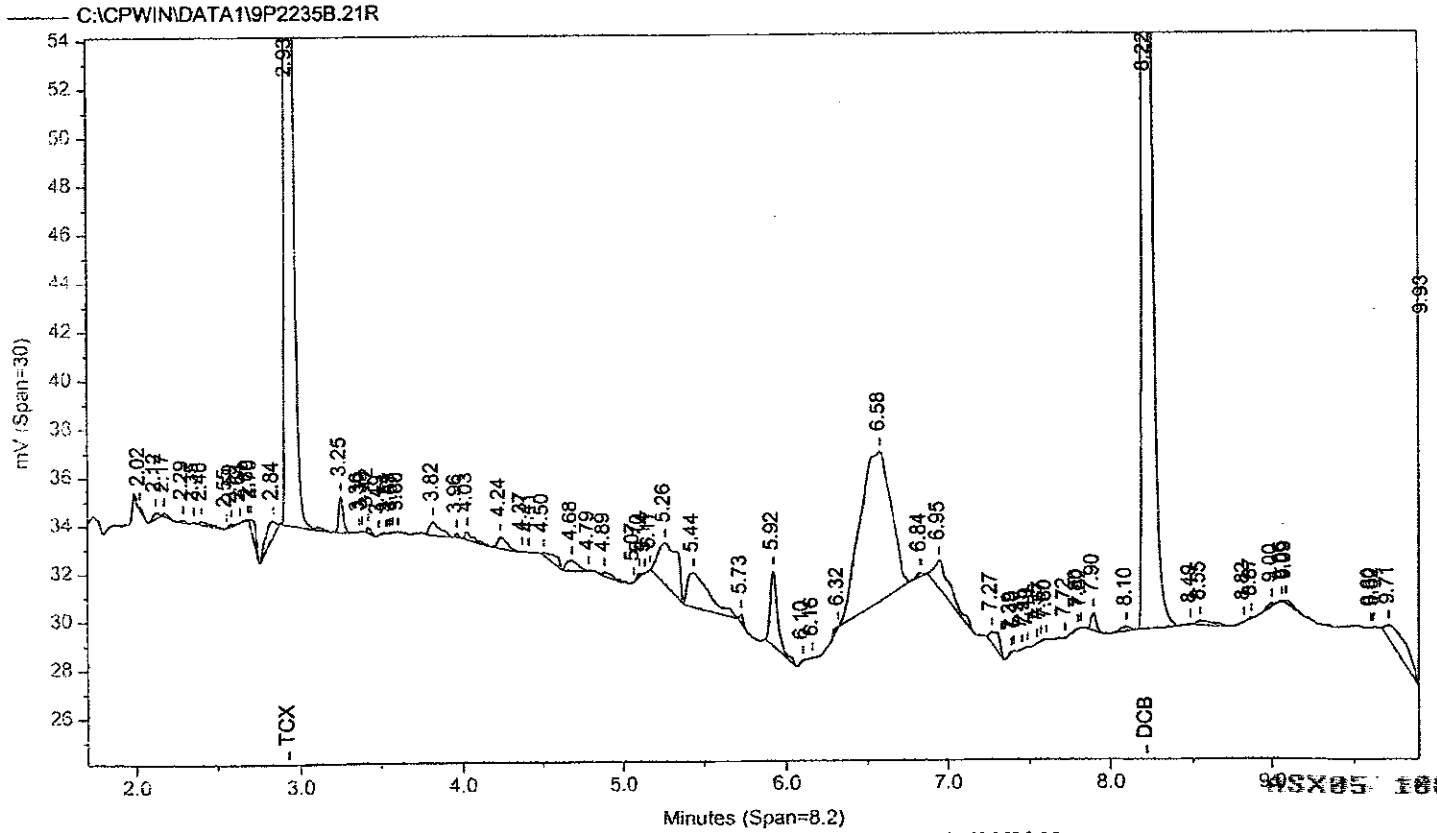
ASX85 1084

LANCASTER LABORATORIES File: 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



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

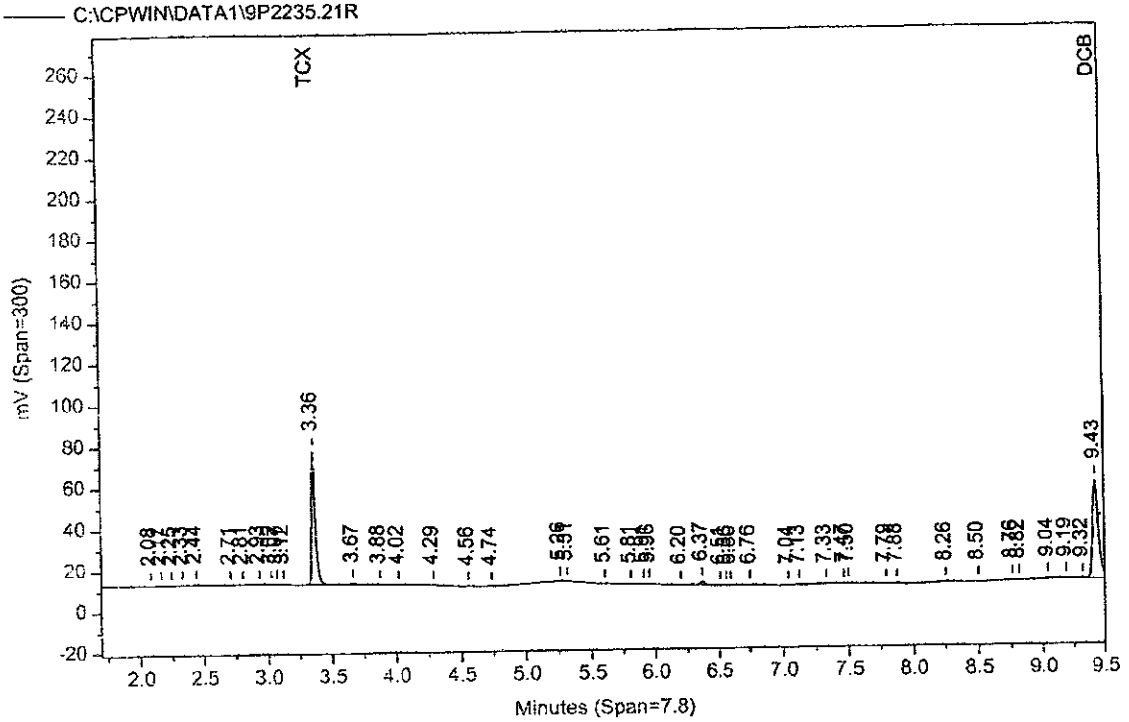
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.356	64874	.20345	TCX	2.928	110734	.20786	TCX
9.428	47550	.20798	DCB	8.222	94662	.20582	DCB

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

ASX05: 1806

C:\CPWIN\DATA1\9P2235.21R



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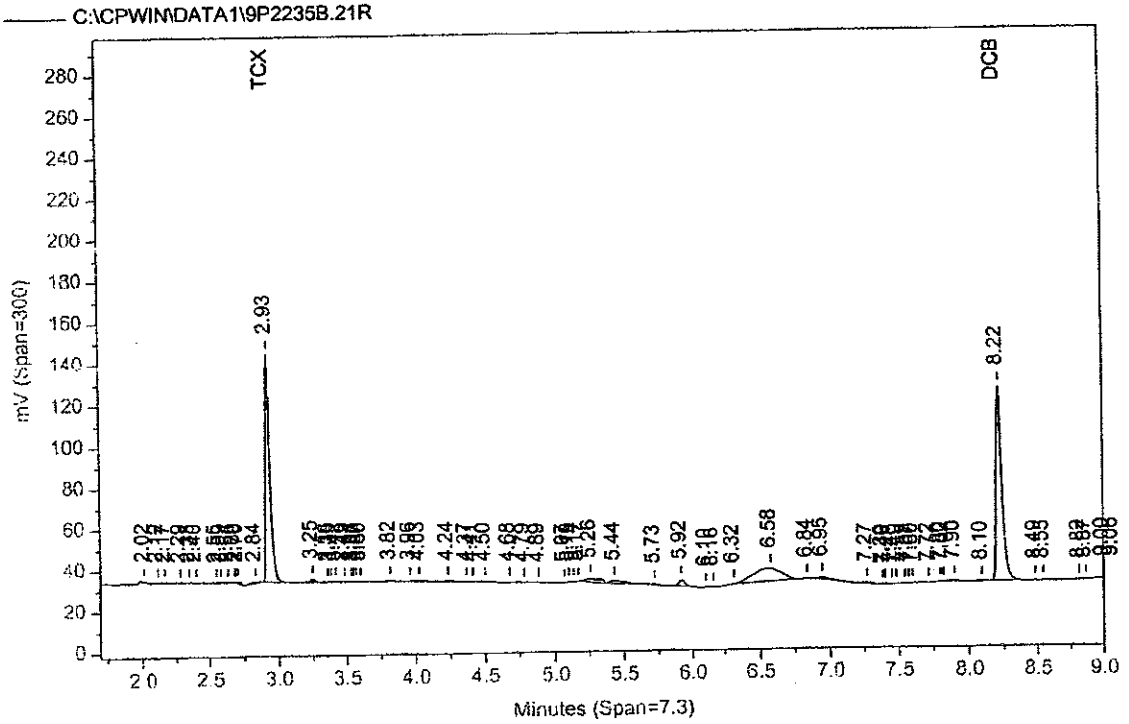


ASX85 1087

AR1640824A DEAR164DE CCAL 0824899999

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

ASX05 1888

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

ASX05 1009

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

ASX05 1090

AR1640824A DEAR164DE CCAL 0824899999

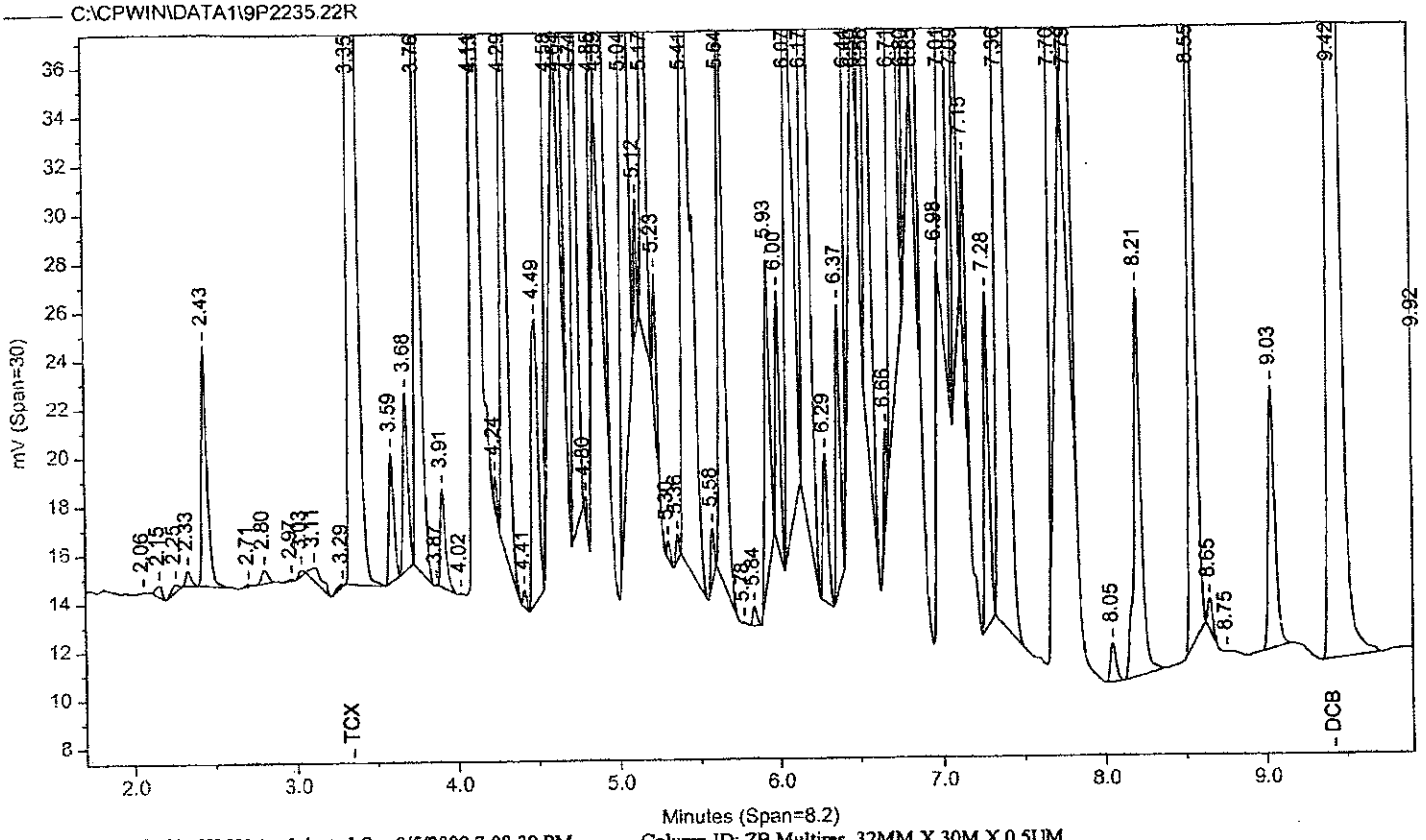
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.724		0.0000	0.000	29.0	0.000	BB	0.008	58.35	0.002
64	7.774		0.0000	0.000	52.5	0.001	BB	0.021	41.58	0.002
65	7.790		0.0000	0.000	236.7	0.004	BB	0.031	126.91	0.005
66	7.897		0.0000	0.000	56744.8	0.926	BB	0.043	22249.92	0.830
67	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

ASX05 1091

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\9P2235.22R

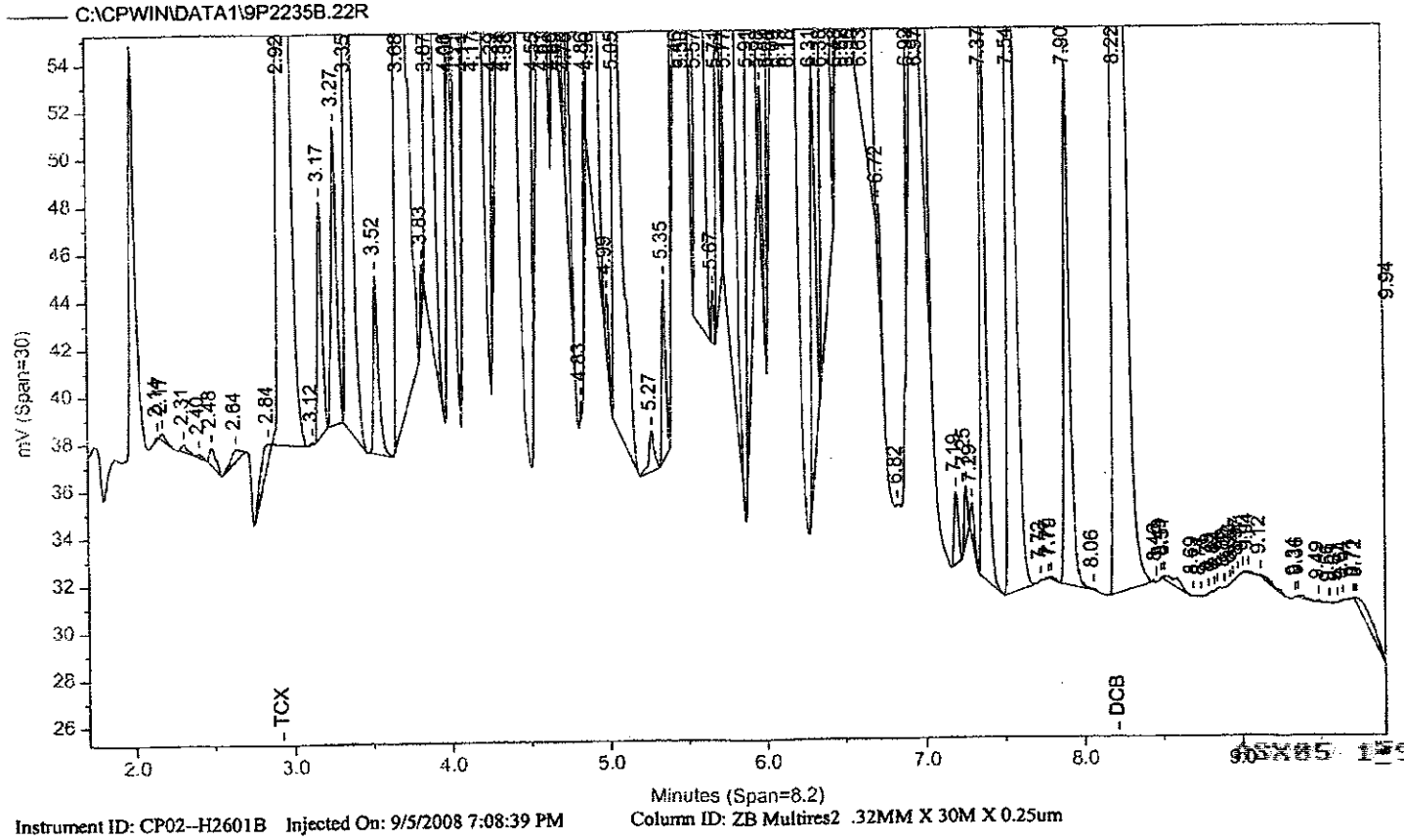
C:\CPWIN\DATA1\9P2235.22R



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

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

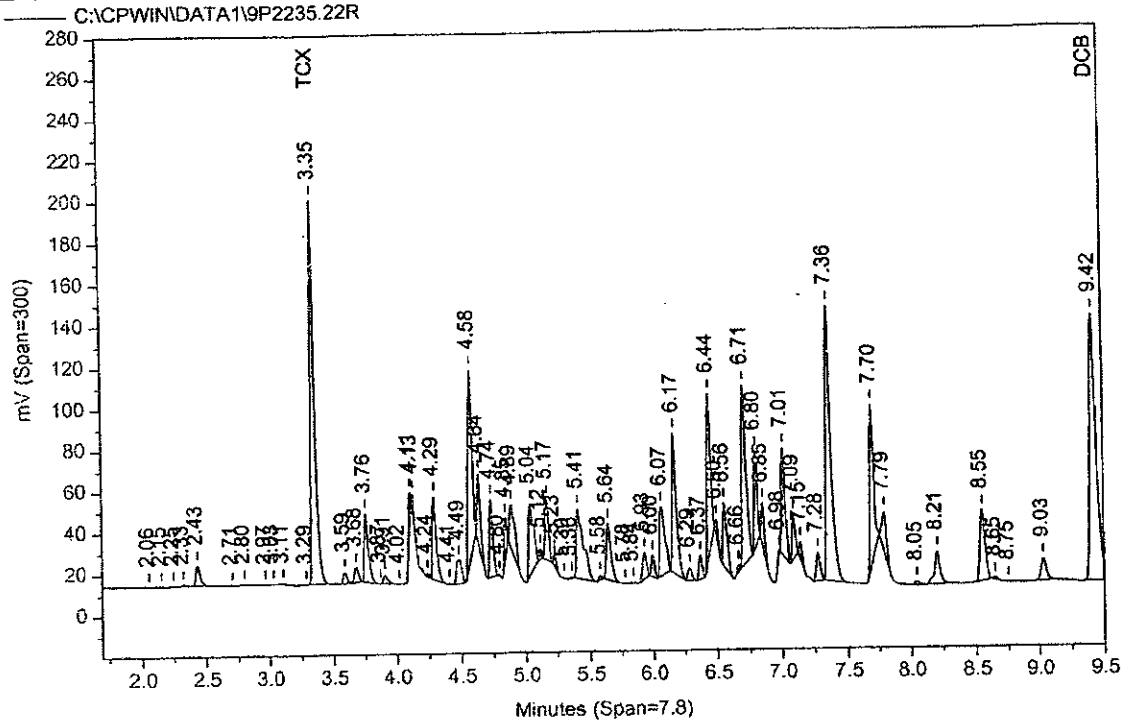
Dilution Factor: 1

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

C:\CPWIN\DATA1\9P2235.22R



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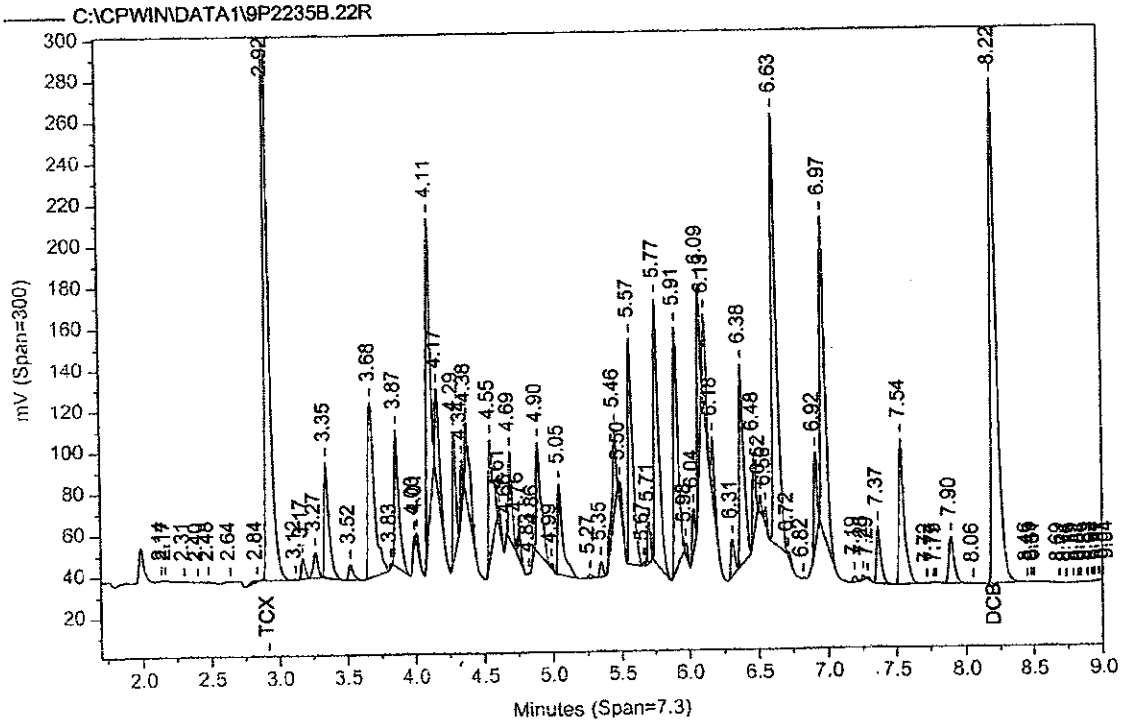

ASX65 1094

Raw QC Data

ASX85 1895

Multiple Component Data Summary

Sample Name: BLANKA 9/2/08ACF PBLK0T BLK Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2131 SDG: State:
Analyses: 01216

Analysis Report (A)

Injected on	Sep 04, 2008 19:17:40
Instrument	H2601A
Result file	8P2235.38R
Calibration file	2P2235
Method file	PESTD

%SSR(TCX) 96.0% Conc: 9.57912
%SSR(DCB) 101.8% Conc: 10.19478

Analysis Report (B)

Injected on	Sep 04, 2008 19:17:40
Instrument	H2601B
Result file	8P2235B.38R
Calibration file	2P2235B
Method file	PESTDB

%SSR(TCX) 96.0% Conc: 9.57263
%SSR(DCB) 96.9% Conc: 9.70868

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: James Brillhart Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 1096

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: BLANKA 9/2/08ACF PBLK0T Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 04, 2008 19:17:40
Instrument : CP02--H2601A
Result file : 8P2235.38R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 96% Conc.: 9.57912
%SSR(DCB) : 101.8% Conc.: 10.194782

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					4	68.63	
3.73	3.75	3.79	52.051704	0.256831			1
4.26	4.29	4.32	389.043396	1.557993			2
4.71	4.73	4.77	395.374878	1.725835			4
5.38	5.41	5.44	120.107681	0.61987			6
Height Summation:			956.577659				
Amount Avg CF:			1.040132	Linear:			
Aroclor-1221					2	137.98	
3.65	3.66	3.71	1235.620361	14.694023			2
3.72	3.75	3.78	52.051704	0.180924			3
Height Summation:			1287.672065				
Amount Avg CF:			7.437474	Linear:			
Aroclor-1232					4	76.74	
3.72	3.75	3.78	52.051704	0.218852			1
4.26	4.29	4.32	389.043396	3.250154			2
4.70	4.73	4.76	395.374878	3.715056			4
5.38	5.41	5.44	120.107681	6.751415			6
Height Summation:			956.577659				
Amount Avg CF:			3.483869	Linear:			
Aroclor-1242					4	56.49	
3.73	3.75	3.79	52.051704	0.30728			1
4.26	4.29	4.32	389.043396	1.943371			2
4.71	4.73	4.77	395.374878	2.206271			4
5.38	5.41	5.44	120.107681	2.509301			6
Height Summation:			956.577659				
Amount Avg CF:			1.741556	Linear:			
Aroclor-1248					3	78.52	
5.44	5.46	5.50	426.124786	2.358993			3
5.62	5.65	5.68	53.669933	0.172778			4
6.26	6.26	6.32	310.449341	2.675918			6
Height Summation:			790.244060				
Amount Avg CF:			1.735896	Linear:			
Aroclor-1254					4	118.37	
5.61	5.65	5.67	53.669933	0.139908			2
6.26	6.26	6.32	310.449341	0.749104			4
6.52	6.55	6.58	1196.276733	4.248971			5
6.68	6.70	6.74	498.23468	1.074524			6
Height Summation:			2058.630687				
Amount Avg CF:			1.553127	Linear:			
Aroclor-1260					3	129.89	
6.03	6.09	6.09	1180.713257	5.601861			1
6.68	6.70	6.74	498.23468	0.915111			4
6.98	7.02	7.04	76.680595	0.233256			6
Height Summation:			1755.628532				
Amount Avg CF:			2.250076	Linear:			
Aroclor-1262					3	115.33	
6.03	6.09	6.09	1180.713257	4.748858			1
6.67	6.70	6.73	498.23468	1.283415			4
6.98	7.02	7.04	76.680595	0.174604			6
Height Summation:			1755.628532				
Amount Avg CF:			2.068959	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 19:17:40
Instrument : CP02--H2601B
Result file : 8P2235B.38R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 96% Conc.: 9.572638
%SSR(DCB) : 96.9% Conc.: 9.708683

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					2	102.28	
3.84	3.89	3.90	7094.796387	16.662008			3
4.66	4.69	4.72	849.691956	2.675936			6
Height Summation:			7944.488343				
Amount Avg CF:			9.668972	Linear:			
Aroclor-1221					1		
3.23	3.24	3.29	2070.134521	13.739071			2
Height Summation:			2070.134521				
Amount Avg CF:			13.739071	Linear:			
Aroclor-1232					2	103.33	
3.83	3.89	3.89	7094.796387	33.969149			3
4.65	4.69	4.71	849.691956	5.28662			6
Height Summation:			7944.488343				
Amount Avg CF:			19.627885	Linear:			
Aroclor-1242					2	98.61	
3.84	3.89	3.90	7094.796387	20.556583			3
4.66	4.69	4.72	849.691956	3.666891			6
Height Summation:			7944.488343				
Amount Avg CF:			12.111737	Linear:			
Aroclor-1248					5	57.29	
+ 4.52	4.53	4.58	-185.639648	-0.375757			3
4.52	4.55	4.58	367.170654	0.743197			3
4.66	4.69	4.72	849.691956	2.41624			4
4.87	4.90	4.93	270.715881	0.657807			5
+ 5.07	5.08	5.13	65.79113	0.269032			6
5.07	5.10	5.13	271.055664	1.108397			6
5.07	5.13	5.13	299.43631	1.224451			6
Height Summation:			2058.070465				
Amount Avg CF:			1.230018	Linear:			
Aroclor-1254					4	81.50	
5.24	5.25	5.30	675.659912	2.375152			1
+ 5.41	5.43	5.47	101.557289	0.109326			3
5.41	5.45	5.47	292.063019	0.314404			3
5.64	5.66	5.70	479.848022	0.733725			4
6.05	6.10	6.11	743.609314	0.962943			6
Height Summation:			2191.180267				
Amount Avg CF:			1.096556	Linear:			
Aroclor-1260					5	62.92	
5.43	5.45	5.49	292.063019	1.080881			1
5.74	5.80	5.80	243.28006	0.289315			3
6.06	6.10	6.12	743.609314	1.316085			4
6.35	6.37	6.41	273.792877	0.428431			5
7.51	7.56	7.57	218.993362	0.474939			6
Height Summation:			1771.738632				
Amount Avg CF:			0.71793	Linear:			

ASX05 1097

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:32:34

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 9/2/08ACF PBLK0T Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 04, 2008 19:17:40
Instrument : CP02--H2601A
Result file : 8P2235.38R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1268					**2**	**9.19**	
7.00	7.02	7.06	76.680595	0.267165			2
7.66	7.70	7.72	263.067017	0.234558			3

Height Summation: **339.747612**
Amount Avg CF: **0.250862** Linear:

Analysis Report (B)

Injected on : SEP 04, 2008 19:17:40
Instrument : CP02--H2601B
Result file : 8P2235B.38R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**83.03**	
6.05	6.10	6.11	743.609314	2.416065			1
+6.14	6.14	6.20	269.616333	1.065371			2
6.14	6.19	6.20	311.250305	1.229884			2
+6.44	6.45	6.50	257.502319	0.698246			3
6.44	6.47	6.50	284.207245	0.77066			3
+6.88	6.90	6.94	175.343567	0.257174			4
6.88	6.91	6.94	315.731781	0.463079			4
7.34	7.38	7.40	483.40744	1.677626			5
7.86	7.90	7.92	1553.701294	4.754466			6

Height Summation: **3691.907379**
Amount Avg CF: **1.885297** Linear:

Aroclor-1268					**4**	**69.80**	
6.10	6.10	6.16	743.609314	1.826082			1
+6.10	6.14	6.16	269.616333	0.662097			1
+6.35	6.35	6.41	180.945908	0.349248			2
6.35	6.37	6.41	273.792877	0.528454			2
6.94	6.95	7.00	1063.028687	0.627471			4
7.51	7.51	7.57	467.479401	0.59032			6
+7.51	7.56	7.57	218.993362	0.276539			6

Height Summation: **2547.910279**
Amount Avg CF: **0.893082** Linear:

Smmary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aclor-1016			17	3.3		** 161.15	4	15	
Aclor-1221			17	3.3		** 59.51	3	5	
			17	5.2					
Aclor-1232			17	3.3		** 139.70	4	10	
Aclor-1242			17	3.3		** 149.71	4	30	
Aclor-1248			17	3.3		34.11	4	30	
Aclor-1254			17	3.3		34.46	4	40	
Aclor-1260			17	3.3		** 103.24	4	40	
Aclor-1262			17	3.3		9.29	4	40	
Aclor-1268			17	3.3		** 112.28	4	40	

Inits: _____

ASX05 1090

*Peak found within more than one window
+Duplicate Peak in window - not included in average
Printed on: 9/5/08 08:32:34

Sample Name: **BLANKA 9/2/08ACF ABPBLK0T BLK 082460004A 00042**
Acquired from CP02--H2601A via port 1 on 9/4/08 07:27:40pm 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\8P2235.38R**
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	2.025		0.0000	0.000	1139.4	0.160	BB	0.039	486.03	0.178
2	2.205		0.0000	0.000	146153.4	20.552	BB	0.034	71295.75	26.050
3	2.326		0.0000	0.000	409.5	0.058	BB	0.033	204.30	0.075
4	2.436		0.0000	0.000	1575.0	0.221	BB	0.034	762.53	0.279
5	2.548		0.0000	0.000	9912.4	1.394	BB	0.031	5376.94	1.965
6	2.648		0.0000	0.000	1298.6	0.183	BB	0.057	376.92	0.138
7	2.805		0.0000	0.000	736.3	0.104	BB	0.055	222.33	0.081
8	2.925		0.0000	0.000	326.5	0.046	BB	0.034	159.06	0.058
9	3.008		0.0000	0.000	449.7	0.063	BB	0.028	263.70	0.096
10	3.056		0.0000	0.000	3438.6	0.484	BB	0.034	1665.28	0.608
11	3.157		0.0000	0.000	42.5	0.006	BB	0.021	33.03	0.012
12	3.197		0.0000	0.000	23.6	0.003	BB	0.021	18.63	0.007
13	3.232		0.0000	0.000	46.6	0.007	BB	0.019	40.05	0.015
14	3.264		0.0000	0.000	1023.7	0.144	BB	0.028	612.52	0.224
15	3.349	TCX	287.3736	48.443	186999.6	26.296	BB	0.034	91635.44	33.482
16	3.540		0.0000	0.000	32.2	0.005	BB	0.020	26.84	0.010
17	3.662		0.0000	0.000	3113.4	0.438	BB	0.042	1235.62	0.451
18	3.755		0.0000	0.000	90.3	0.013	BB	0.029	52.05	0.019
19	3.798		0.0000	0.000	28.7	0.004	BB	0.019	25.30	0.009
20	3.881		0.0000	0.000	417.1	0.059	BB	0.033	212.90	0.078
21	3.928		0.0000	0.000	39.6	0.006	BB	0.021	31.33	0.011
22	4.096		0.0000	0.000	662.8	0.093	BB	0.093	118.56	0.043
23	4.214		0.0000	0.000	378.0	0.053	BB	0.040	157.14	0.057
24	4.251		0.0000	0.000	72.6	0.010	BB	0.014	85.73	0.031
25	4.290		0.0000	0.000	880.3	0.124	BB	0.038	389.04	0.142
26	4.373		0.0000	0.000	75.1	0.011	BB	0.017	72.85	0.027
27	4.416		0.0000	0.000	5580.0	0.785	BB	0.029	3173.34	1.159
28	4.527		0.0000	0.000	6466.9	0.909	BB	0.036	3020.30	1.104
29	4.735		0.0000	0.000	934.6	0.131	BB	0.039	395.37	0.144
30	4.930		0.0000	0.000	356.8	0.050	BB	0.036	166.69	0.061
31	5.115		0.0000	0.000	10391.2	1.461	BB	0.116	1492.53	0.545
32	5.324		0.0000	0.000	633.7	0.089	BB	0.053	198.21	0.072
33	5.372		0.0000	0.000	27.9	0.004	BB	0.017	27.38	0.010
34	5.414		0.0000	0.000	150.7	0.021	BB	0.021	120.11	0.044
35	5.459		0.0000	0.000	1643.3	0.231	BB	0.064	426.12	0.156
36	5.650		0.0000	0.000	458.3	0.064	BB	0.142	53.67	0.020
37	5.815		0.0000	0.000	11637.3	1.636	BB	0.119	1631.42	0.596
38	5.960		0.0000	0.000	1244.8	0.175	BB	0.044	468.59	0.171
39	6.087		0.0000	0.000	5729.4	0.806	BB	0.081	1180.71	0.431
40	6.261		0.0000	0.000	933.3	0.131	BB	0.050	310.45	0.113
41	6.369		0.0000	0.000	6448.5	0.907	BB	0.064	1674.01	0.612
42	6.489		0.0000	0.000	108.8	0.015	BB	0.022	82.16	0.030
43	6.555		0.0000	0.000	3656.0	0.514	BB	0.051	1196.28	0.437
44	6.696		0.0000	0.000	1394.7	0.196	BB	0.047	498.23	0.182
45	6.759		0.0000	0.000	1264.4	0.178	BB	0.043	490.07	0.179
46	6.847		0.0000	0.000	307.1	0.043	BB	0.026	194.98	0.071
47	6.919		0.0000	0.000	3070.6	0.432	BB	0.052	990.80	0.362
48	7.020		0.0000	0.000	177.3	0.025	BB	0.039	76.68	0.028
49	7.117		0.0000	0.000	2906.3	0.409	BB	0.064	757.68	0.277
50	7.216		0.0000	0.000	455.0	0.064	BB	0.032	235.43	0.086
51	7.274		0.0000	0.000	49.0	0.007	BB	0.026	30.86	0.011
52	7.424		0.0000	0.000	2129.5	0.299	BB	0.082	433.18	0.158
53	7.499		0.0000	0.000	1783.4	0.251	BB	0.055	535.69	0.196
54	7.657		0.0000	0.000	375.4	0.053	BB	0.054	115.31	0.042
55	7.702		0.0000	0.000	486.8	0.068	BB	0.031	263.07	0.096
56	7.821		0.0000	0.000	1558.0	0.219	BB	0.055	472.07	0.172
57	7.907		0.0000	0.000	245.2	0.034	BB	0.039	103.80	0.038
58	7.971		0.0000	0.000	294.9	0.041	BB	0.029	167.33	0.061
59	8.240		0.0000	0.000	1509.7	0.212	BB	0.085	297.54	0.109
60	8.318		0.0000	0.000	808.4	0.114	BB	0.057	235.43	0.086
61	8.424		0.0000	0.000	1267.3	0.178	BB	0.089	236.91	0.087
62	8.612		0.0000	0.000	1527.4	0.215	BB	0.056	451.44	0.165

ASX05 1099

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	8.746		0.0000	0.000	3272.7	0.460	BB	0.074	734.89	0.269
64	8.932		0.0000	0.000	813.6	0.114	BB	0.066	204.91	0.075
65	9.041		0.0000	0.000	3072.9	0.432	BB	0.066	774.15	0.283
66	9.180		0.0000	0.000	870.7	0.122	BB	0.060	242.02	0.088
67	9.339		0.0000	0.000	477.9	0.067	BB	0.046	172.82	0.063
68	9.427	DCB	305.8435	51.557	231514.6	32.556	BB	0.055	69924.55	25.549
69	9.663		0.0000	0.000	207.0	0.029	BB	0.053	64.63	0.024
70	9.815		0.0000	0.000	465.0	0.065	BB	0.058	134.42	0.049
71	9.970		0.0000	0.000	33053.0	4.648	BB	0.150	3666.95	1.340

Total Area = 711125.1, Total Amount = 593.217, Total Height = 273683.1, Sample Units = ug/l

ASX05 1100

Sample Name: **BLANKA 9/2/08ACF ABPBLK0T BLK 082460004A 00042**
Acquired from CP02--H2601B via port 2 on 9/4/08 07:27:40pm 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\8P2235B.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	2.079		0.0000	0.000	207.6	0.022	BB	0.008	454.21	0.125
2	2.094		0.0000	0.000	2023.5	0.212	BB	0.072	466.89	0.128
3	2.233		0.0000	0.000	20669.5	2.162	BB	0.032	10923.24	3.006
4	2.313		0.0000	0.000	1283.7	0.134	BB	0.033	640.43	0.176
5	2.400		0.0000	0.000	332.5	0.035	BB	0.018	314.40	0.087
6	2.489		0.0000	0.000	616.2	0.064	BB	0.023	445.79	0.123
7	2.576		0.0000	0.000	626.2	0.066	BB	0.034	305.65	0.084
8	2.604		0.0000	0.000	1587.2	0.166	BB	0.027	987.69	0.272
9	2.658		0.0000	0.000	8714.4	0.912	BB	0.042	3442.60	0.947
10	2.803		0.0000	0.000	193.3	0.020	BB	0.021	153.42	0.042
11	2.843		0.0000	0.000	402.3	0.042	BB	0.014	483.86	0.133
12	2.884		0.0000	0.000	767.3	0.080	BB	0.024	529.72	0.146
13	2.923	TCX	287.1791	49.647	341229.2	35.696	BB	0.037	152989.70	42.098
14	3.096		0.0000	0.000	3627.6	0.379	BB	0.044	1378.32	0.379
15	3.243		0.0000	0.000	4108.4	0.430	BB	0.033	2070.13	0.570
16	3.414		0.0000	0.000	561.6	0.059	BB	0.027	342.93	0.094
17	3.547		0.0000	0.000	332.7	0.035	BB	0.021	265.18	0.073
18	3.637		0.0000	0.000	2024.8	0.212	BB	0.057	589.43	0.162
19	3.802		0.0000	0.000	4909.4	0.514	BB	0.048	1716.37	0.472
20	3.886		0.0000	0.000	11626.7	1.216	BB	0.027	7094.80	1.952
21	3.963		0.0000	0.000	532.5	0.056	BB	0.023	387.30	0.107
22	4.005		0.0000	0.000	14796.2	1.548	BB	0.036	6832.02	1.880
23	4.250		0.0000	0.000	2980.6	0.312	BB	0.055	907.76	0.250
24	4.315		0.0000	0.000	1232.7	0.129	BB	0.049	420.52	0.116
25	4.450		0.0000	0.000	219.7	0.023	BB	0.015	240.16	0.066
26	4.527		0.0000	0.000	10.7	0.001	N	-0.001	- 185.64	0.051
27	4.550		0.0000	0.000	1487.0	0.156	BB	0.067	367.17	0.101
28	4.693		0.0000	0.000	4490.6	0.470	BB	0.088	849.69	0.234
29	4.798		0.0000	0.000	35.8	0.004	BB	0.006	96.89	0.027
30	4.819		0.0000	0.000	1199.6	0.125	BB	0.040	504.41	0.139
31	4.897		0.0000	0.000	296.0	0.031	BB	0.018	270.72	0.074
32	5.046		0.0000	0.000	145.9	0.015	BB	0.008	313.69	0.086
33	5.080		0.0000	0.000	131.2	0.014	BB	0.033	65.79	0.018
34	5.101		0.0000	0.000	328.1	0.034	BB	0.020	271.06	0.075
35	5.133		0.0000	0.000	183.0	0.019	BB	0.010	299.44	0.082
36	5.173		0.0000	0.000	40.3	0.004	N	-0.002	- 317.95	0.087
37	5.220		0.0000	0.000	295.2	0.031	BB	0.014	340.53	0.094
38	5.247		0.0000	0.000	1291.2	0.135	BB	0.032	675.66	0.186
39	5.310		0.0000	0.000	3042.4	0.318	BB	0.052	966.49	0.266
40	5.398		0.0000	0.000	215.1	0.023	BB	0.008	477.08	0.131
41	5.429		0.0000	0.000	196.4	0.021	BB	0.032	101.56	0.028
42	5.446		0.0000	0.000	1000.0	0.105	BB	0.057	292.06	0.080
43	5.663		0.0000	0.000	2664.7	0.279	BB	0.093	479.85	0.132
44	5.797		0.0000	0.000	114.0	0.012	BB	0.008	243.28	0.067
45	5.926		0.0000	0.000	8692.7	0.909	BB	0.049	2977.06	0.819
46	6.014		0.0000	0.000	244.2	0.026	BB	0.008	507.79	0.140
47	6.029		0.0000	0.000	783.4	0.082	BB	0.030	440.85	0.121
48	6.103		0.0000	0.000	1489.1	0.156	BB	0.033	743.61	0.205
49	6.145		0.0000	0.000	382.1	0.040	BB	0.024	269.62	0.074
50	6.193		0.0000	0.000	390.9	0.041	BB	0.021	311.25	0.086
51	6.248		0.0000	0.000	107.0	0.011	BB	0.019	92.57	0.025
52	6.264		0.0000	0.000	71.2	0.007	BB	0.010	119.24	0.033
53	6.296		0.0000	0.000	76.8	0.008	BB	0.011	119.95	0.033
54	6.316		0.0000	0.000	35.6	0.004	BB	0.011	53.11	0.015
55	6.347		0.0000	0.000	209.3	0.022	BB	0.019	180.95	0.050
56	6.367		0.0000	0.000	93.3	0.010	BB	0.006	273.79	0.075
57	6.414		0.0000	0.000	519.7	0.054	BB	0.034	257.37	0.071
58	6.451		0.0000	0.000	442.3	0.046	BB	0.029	257.50	0.071
59	6.470		0.0000	0.000	202.6	0.021	BB	0.012	284.21	0.078
60	6.529		0.0000	0.000	1646.8	0.172	BB	0.088	312.91	0.086
61	6.581		0.0000	0.000	12125.8	1.268	BB	0.125	1614.39	0.444
62	6.897		0.0000	0.000	87.8	0.009	BB	0.008	175.34	0.048

ASX05 1181

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.914		0.0000	0.000	226.9	0.024	BB	0.012	315.73	0.087
64	6.946		0.0000	0.000	10469.1	1.095	BB	0.164	1063.03	0.293
65	7.244		0.0000	0.000	5768.3	0.603	BB	0.107	901.69	0.248
66	7.382		0.0000	0.000	507.3	0.053	BB	0.017	483.41	0.133
67	7.407		0.0000	0.000	1111.6	0.116	BB	0.032	585.54	0.161
68	7.513		0.0000	0.000	948.1	0.099	BB	0.034	467.48	0.129
69	7.564		0.0000	0.000	487.2	0.051	BB	0.037	218.99	0.060
71	7.616		0.0000	0.000	174.4	0.018	BB	0.011	268.23	0.074
72	7.642		0.0000	0.000	137.0	0.014	BB	0.016	145.93	0.040
73	7.667		0.0000	0.000	155.9	0.016	BB	0.010	254.41	0.070
74	7.683		0.0000	0.000	164.5	0.017	BB	0.010	265.15	0.073
75	7.716		0.0000	0.000	286.7	0.030	BB	0.009	531.35	0.146
76	7.753		0.0000	0.000	1678.2	0.176	BB	0.044	634.87	0.175
77	7.813		0.0000	0.000	73.6	0.008	BB	0.004	308.82	0.085
78	7.826		0.0000	0.000	126.9	0.013	BB	0.011	191.94	0.053
79	7.898		0.0000	0.000	3374.8	0.353	BB	0.036	1553.70	0.428
80	8.002		0.0000	0.000	1550.5	0.162	BB	0.066	391.43	0.108
81	8.130		0.0000	0.000	667.4	0.070	BB	0.027	415.38	0.114
82	8.221	DCB	291.2605	50.353	400816.6	41.930	BB	0.050	133958.90	36.862
83	8.486		0.0000	0.000	137.0	0.014	BB	0.015	150.49	0.041
84	8.527		0.0000	0.000	92.1	0.010	BB	0.006	244.67	0.067
85	8.546		0.0000	0.000	106.5	0.011	BB	0.006	289.98	0.080
86	8.560		0.0000	0.000	2377.2	0.249	BB	0.084	473.66	0.130
87	8.813		0.0000	0.000	278.5	0.029	BB	0.018	254.49	0.070
88	8.859		0.0000	0.000	444.5	0.046	BB	0.029	256.75	0.071
89	8.930		0.0000	0.000	774.1	0.081	BB	0.021	614.42	0.169
90	8.967		0.0000	0.000	868.3	0.091	BB	0.020	707.68	0.195
91	9.047		0.0000	0.000	7381.0	0.772	BB	0.195	631.95	0.174
92	9.383		0.0000	0.000	227.2	0.024	BB	0.016	239.52	0.066
93	9.477		0.0000	0.000	1810.0	0.189	BB	0.063	477.54	0.131
94	9.559		0.0000	0.000	479.8	0.050	BB	0.018	450.34	0.124
95	9.596		0.0000	0.000	116.9	0.012	BB	0.009	212.99	0.059
96	9.698		0.0000	0.000	242.8	0.025	BB	0.015	262.55	0.072
97	9.733		0.0000	0.000	5013.1	0.524	BB	0.156	535.79	0.147
98	9.964		0.0000	0.000	36470.6	3.815	BB	0.118	5165.31	1.421

Total Area = 955917.9, Total Amount = 578.44, Total Height = 363409.8, Sample Units = ug/l

ASX05 1102

BLANKA 9/2/08ACF ABPBLK0T BLK 082460004A 00042

LANCASTER LABORATORIES

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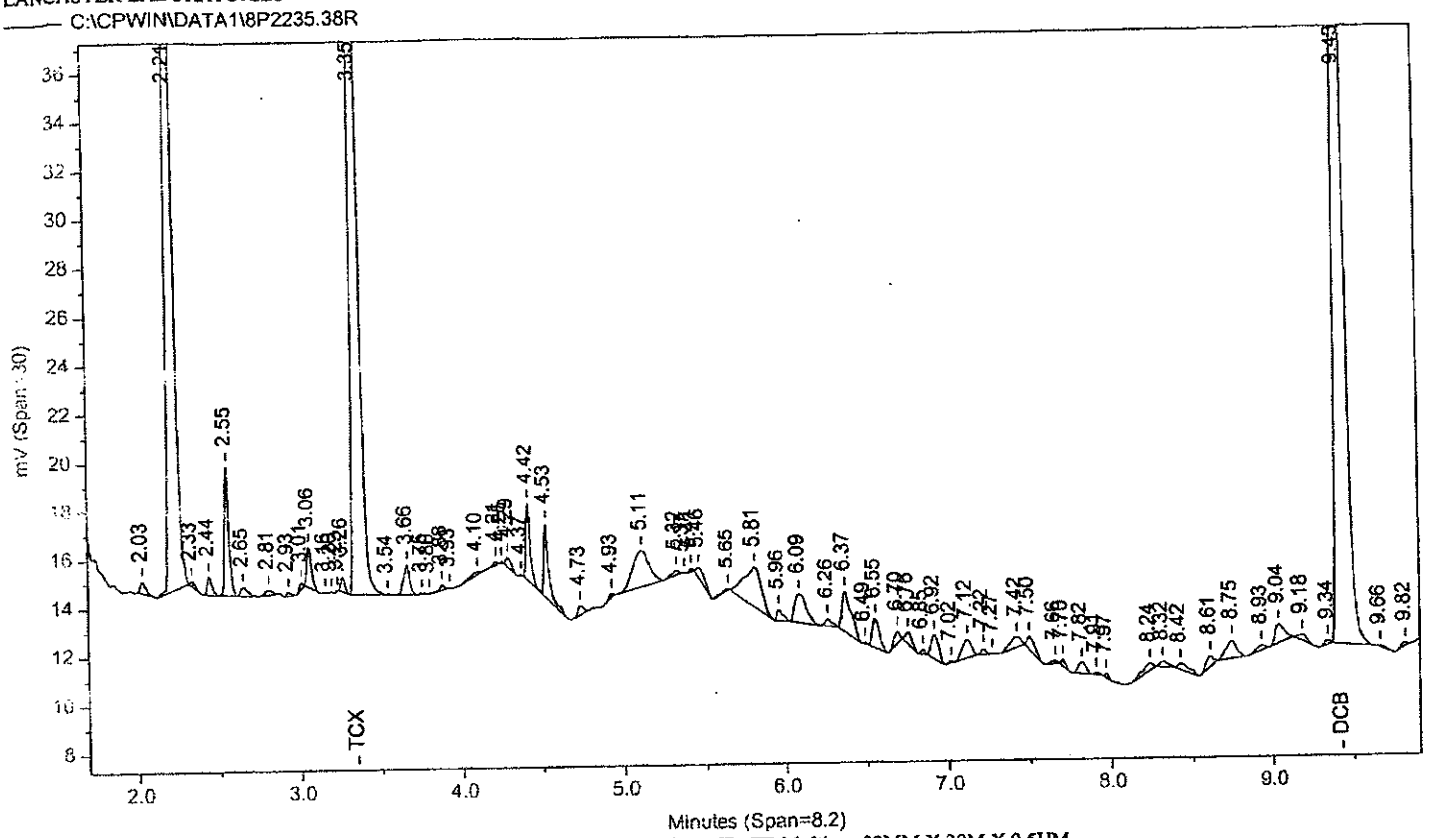
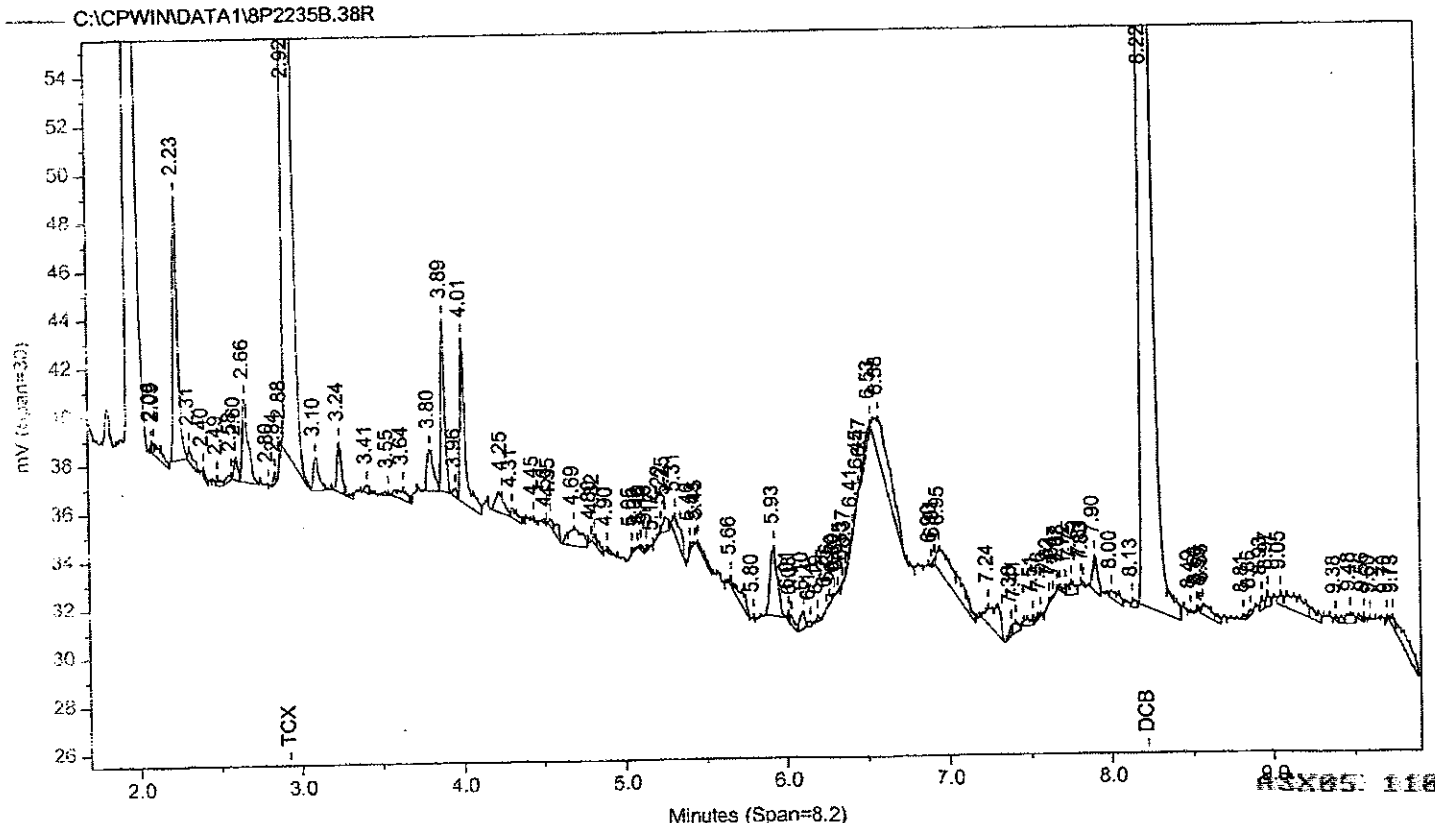


Instrument ID: CP02--H2601A Injected On: 9/4/2008 7:17:40 PM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.38R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 7:17:40 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: 30
Analyst: 2280

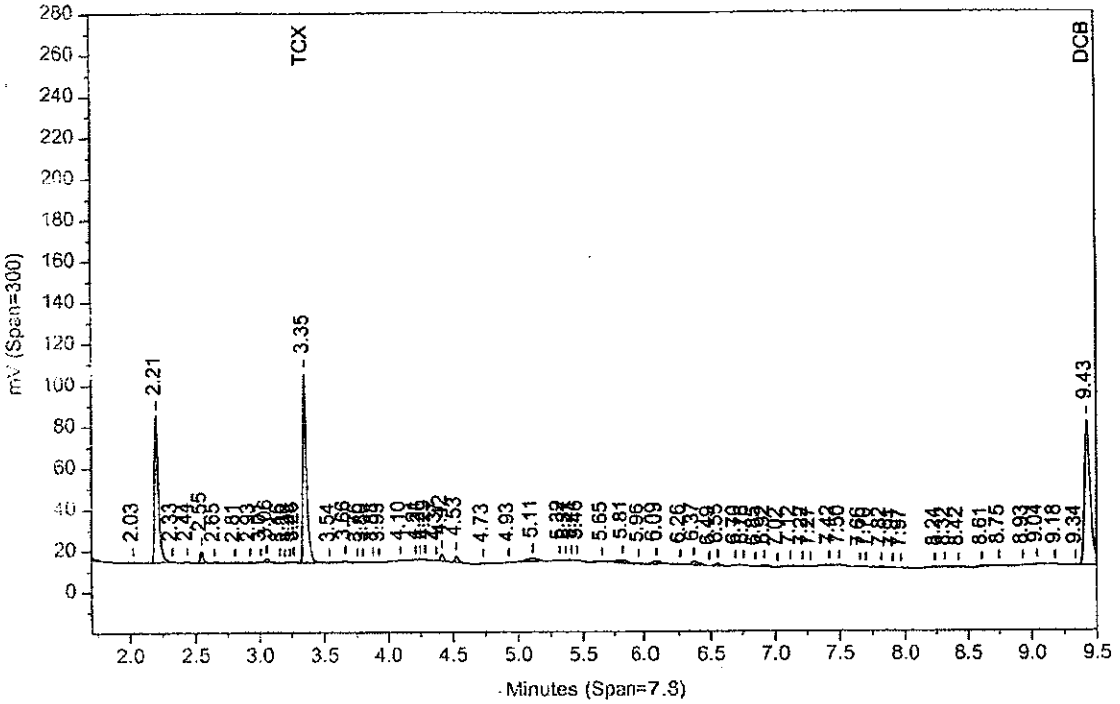
Dilution Factor: 10

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.349	91635	9.57912	TCX	2.923	152990	9.57264	TCX
9.427	69925	10.19478	DCB	8.221	133959	9.70868	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.38A
Area File: C:\CPWIN\DATA1\8P2235B.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: 9/4/2008 7:27:44 PM
File Reported On: 9/4/2008 at 7:27:52 PM

10X REPLOTS

C:\CPWIN\DATA1\8P2235.38R



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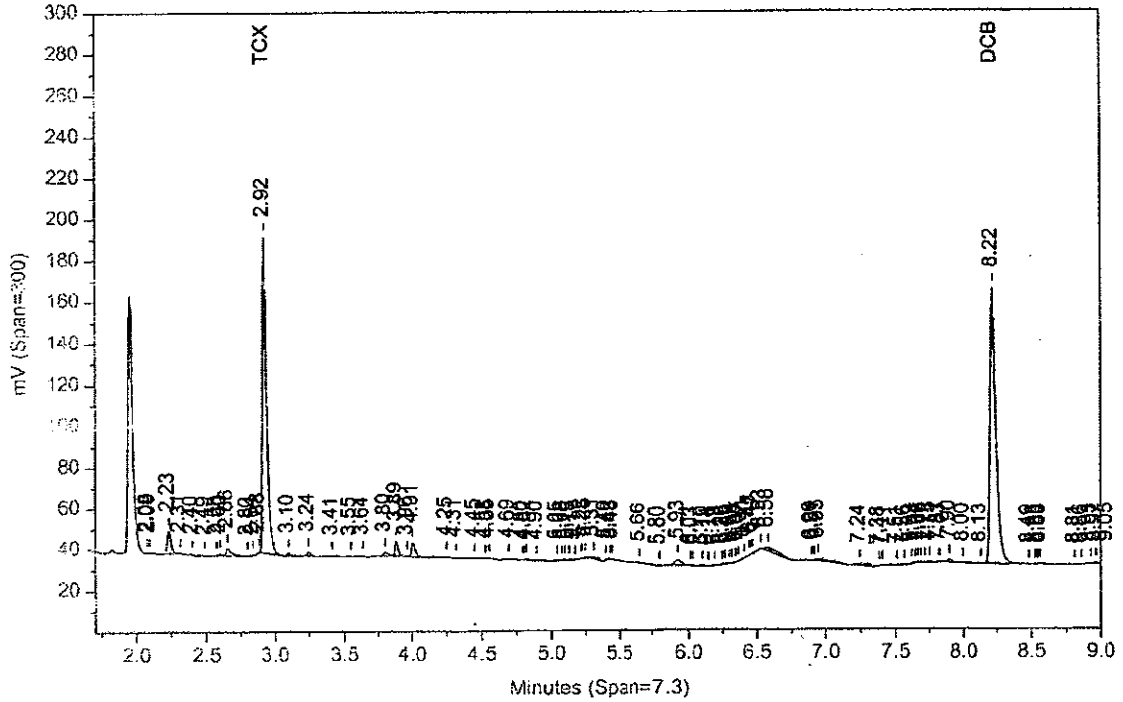


ASX05 1105

Multiple Component Data Summary

Sample Name: LCSA 9/2/08ACF LCSCZ LCS Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2131 SDG: State:
Analyses: 01216

Analysis Report (A)

Injected on Sep 04, 2008 19:32:03
Instrument H2601A
Result file 8P2235.39R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 95.8% Conc: 9.553529
%SSR(DCB) 97.1% Conc: 9.726506

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**4.58**	
3.73	3.75	3.79	29116.10546!	143.663198			1
4.26	4.29	4.32	35675.04296!	142.867041			2
4.55	4.58	4.61	80969.3125	145.330698			3
4.71	4.73	4.77	33211.64062!	144.970757			4
5.14	5.17	5.20	25593.39257!	141.966885			5
5.38	5.41	5.44	30985.39257!	159.914042			6

Height summation: **235550.886719**
Concentration CF: **146.452104** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**1.77**	
6.03	6.06	6.09	30684.86523	145.583491			1
6.14	6.16	6.20	61023.78515	142.179373			2
6.41	6.44	6.47	72148.66406	143.746606			3
6.68	6.71	6.74	79625.23437!	146.24824			4
6.77	6.79	6.83	42074.30859	139.490818			5
6.98	7.01	7.04	46591.65234	141.72771			6

Height summation: **332148.509766**
Concentration CF: **143.162706** L:

Analysis Report (B)

Injected on Sep 04, 2008 19:32:03
Instrument H2601B
Result file 8P2235B.39R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 95.0% Conc: 9.471979
%SSR(DCB) 94.9% Conc: 9.503773

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**2.99**	
3.32	3.35	3.38	50974.73046!	135.392129			1
3.65	3.68	3.71	75765.48437!	134.246705			2
3.84	3.86	3.90	59714.78515	140.239153			3
4.08	4.11	4.14	132831.0312!	139.279418			4
4.35	4.38	4.41	35450.625	139.342711			5
4.66	4.69	4.72	46369.86328	146.032647			6

Height summation: **401106.519531**
Concentration CF: **139.088794** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**2.61**	
5.43	5.45	5.49	37884.84375	140.206122			1
5.54	5.57	5.60	100267.1562!	139.004634			2
5.74	5.76	5.80	116715.3125	138.800762			3
6.06	6.08	6.12	74122.01562!	131.185611			4
6.35	6.38	6.41	89917.07031	140.702079			5
7.51	7.54	7.57	64734.13281	140.39139			6

Height summation: **483640.531251**
Concentration CF: **138.381766** L:

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016	A	146.452104	17	3.3		5.16	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	143.162706	17	3.3		3.40	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: Jamuah Brijnhalt Date: 9-5-08
Verified By: [signature] Date: 9.8.08

ASX05 1186

9/5/2008

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **LCSA** 9/2/08ACF LCSCZ Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 04, 2008 19:32:03
Instrument : CP02--H2601A
Result file : 8P2235.39R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 95.8% Conc.: 9.553529
%SSR(DCB) : 97.1% Conc.: 9.726506

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	4.58	
3.73	3.75	3.79	29116.10546	143.663198			1
4.26	4.29	4.32	35675.04296	142.867041			2
4.55	4.58	4.61	80969.3125	145.330698			3
4.71	4.73	4.77	33211.64062	144.970757			4
5.14	5.17	5.20	25593.39257	141.966885			5
5.38	5.41	5.44	30985.39257	159.914042			6
Height Summation:			**235550.886719**				
Amount Avg CF:			**146.452104**	Linear:			
Aroclor-1221					3	40.99	
E 3.56	3.59	3.62	4627.284668	42.988523			1
E 3.65	3.68	3.71	5817.165527	69.177851			2
E 3.72	3.75	3.78	29116.10546	101.203008			3
Height Summation:			**39560.555664**				
Amount Avg CF:			**71.123127**	Linear:			
Aroclor-1232					6	118.35	
E 3.72	3.75	3.78	29116.10546	122.418876			1
E 4.26	4.29	4.32	35675.04296	298.037118			2
E 4.55	4.58	4.61	80969.3125	297.916782			3
E 4.70	4.73	4.76	33211.64062	312.066156			4
E 5.13	5.17	5.19	25593.39257	302.683373			5
E 5.38	5.41	5.44	30985.39257	1741.730893			6
Height Summation:			**235550.886719**				
Amount Avg CF:			**512.475533**	Linear:			
Aroclor-1242					6	74.74	
E 3.73	3.75	3.79	29116.10546	171.88291			1
E 4.26	4.29	4.32	35675.04296	178.205919			2
E 4.55	4.58	4.61	80969.3125	183.541454			3
E 4.71	4.73	4.77	33211.64062	185.327645			4
E 5.14	5.17	5.20	25593.39257	171.981269			5
E 5.38	5.41	5.44	30985.39257	647.349683			6
Height Summation:			**235550.886719**				
Amount Avg CF:			**256.38148**	Linear:			
Aroclor-1248					5	85.86	
4.55	4.58	4.61	80969.3125	290.909521			1
5.01	5.03	5.07	31001.12695	103.568877			2
5.62	5.64	5.68	25226.93359	81.212109			4
5.96	5.99	6.02	9443.144531	57.572005			5
6.26	6.29	6.32	5629.447266	48.523025			6
Height Summation:			**152269.964844**				
Amount Avg CF:			**116.357107**	Linear:			
Aroclor-1254					6	79.68	
4.82	4.84	4.88	17068.54296	73.850857			1
5.61	5.64	5.67	25226.93359	65.76234			2
5.96	5.99	6.02	9443.144531	17.197188			3
6.26	6.29	6.32	5629.447266	13.583662			4
6.52	6.55	6.58	27477.92187	97.596894			5
6.68	6.71	6.74	79625.23437	171.724761			6
Height Summation:			**164471.224610**				
Amount Avg CF:			**73.28595**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 19:32:03
Instrument : CP02--H2601B
Result file : 8P2235B.39R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 95% Conc.: 9.471979
%SSR(DCB) : 94.9% Conc.: 9.503773

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	2.99	
3.32	3.35	3.38	50974.73046	135.392129			1
3.65	3.68	3.71	75765.48437	134.246705			2
3.84	3.86	3.90	59714.78515	140.239153			3
4.08	4.11	4.14	132831.0312	139.279418			4
4.35	4.38	4.41	35450.625	139.342711			5
4.66	4.69	4.72	46369.86328	146.032647			6
Height Summation:			**401106.519531**				
Amount Avg CF:			**139.088794**	Linear:			
Aroclor-1221					3	37.81	
E 3.14	3.17	3.20	9161.21582	43.63107			1
3.23	3.27	3.29	10975.54199	72.842489			2
E 3.32	3.35	3.38	50974.73046	97.49585			3
Height Summation:			**71111.488281**				
Amount Avg CF:			**71.323136**	Linear:			
Aroclor-1232					6	26.87	
E 3.32	3.35	3.38	50974.73046	117.645758			1
E 3.65	3.68	3.71	75765.48437	252.918346			2
E 3.83	3.86	3.89	59714.78515	285.908193			3
E 4.07	4.11	4.13	132831.0312	268.866957			4
E 4.34	4.38	4.40	35450.625	297.729277			5
E 4.65	4.69	4.71	46369.86328	288.50436			6
Height Summation:			**401106.519531**				
Amount Avg CF:			**251.928815**	Linear:			
Aroclor-1242					6	7.61	
E 3.32	3.35	3.38	50974.73046	162.071507			1
E 3.65	3.68	3.71	75765.48437	169.531862			2
E 3.84	3.86	3.90	59714.78515	173.018631			3
E 4.08	4.11	4.14	132831.0312	176.405946			4
E 4.35	4.38	4.41	35450.625	167.805666			5
E 4.66	4.69	4.72	46369.86328	200.111614			6
Height Summation:			**401106.519531**				
Amount Avg CF:			**174.824204**	Linear:			
Aroclor-1248					5	65.55	
E 4.14	4.16	4.20	40953.32031	382.27044			1
4.35	4.38	4.41	35450.625	125.121502			2
4.52	4.55	4.58	60196.57031	121.844948			3
4.66	4.69	4.72	46369.86328	131.860381			4
4.87	4.89	4.93	48990.49218	119.041005			5
Height Summation:			**231960.871095**				
Amount Avg CF:			**176.027655**	Linear:			
Aroclor-1254					6	117.12	
5.24	5.26	5.30	1741.585571	6.122209			1
5.32	5.34	5.38	8545.797852	16.735989			2
5.41	5.45	5.47	37884.84375	40.782823			3
5.64	5.66	5.70	2307.416504	3.528221			4
5.94	5.98	6.00	6065.95166	15.981611			5
6.05	6.08	6.11	74122.01562	95.984899			6
Height Summation:			**130667.610962**				
Amount Avg CF:			**29.855959**	Linear:			

ASX05 1107

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:33:37

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **LCSA** 9/2/08ACF LCSCZ Sample ID: AB **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2280 SDG: State:
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 04, 2008 19:32:03
Instrument : CP02--H2601A
Result file : 8P2235.39R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	1.77	
6.03	6.06	6.09	30684.86523	145.583491			1
6.14	6.16	6.20	61023.78515	142.179373			2
6.41	6.44	6.47	72148.66406	143.746606			3
6.68	6.71	6.74	79625.23437	146.24824			4
6.77	6.79	6.83	42074.30859	139.490818			5
6.98	7.01	7.04	46591.65234	141.72771			6
Height Summation:			**332148.509766**				
Amount Avg CF:			**143.162706**	Linear:			
Aroclor-1262					6	32.59	
6.03	6.06	6.09	30684.86523	123.415283			1
6.13	6.16	6.19	61023.78515	155.848808			2
6.40	6.44	6.46	72148.66406	167.717306			3
6.67	6.71	6.73	79625.23437	205.108558			4
6.76	6.79	6.82	42074.30859	79.445327			5
+ 6.98	6.98	7.04	1589.257446	3.61878			6
6.98	7.01	7.04	46591.65234	106.090389			6
Height Summation:			**332148.509766**				
Amount Avg CF:			**139.604279**	Linear:			
Aroclor-1268					5	75.35	
6.76	6.79	6.82	42074.30859	177.806466			1
7.00	7.01	7.06	46591.65234	162.331202			2
7.66	7.70	7.72	67052.84375	59.786287			3
8.01	8.04	8.07	1431.869019	1.547499			4
8.51	8.55	8.57	31251.83593	84.488078			6
Height Summation:			**188402.509645**				
Amount Avg CF:			**97.191906**	Linear:			

Analysis Report (B)

Injected on : SEP 04, 2008 19:32:03
Instrument : CP02--H2601B
Result file : 8P2235B.39R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	2.61	
5.43	5.45	5.49	37884.84375	140.206122			1
+ 5.43	5.49	5.49	9543.776367	35.320084			1
5.54	5.57	5.60	100267.1562	139.004634			2
5.74	5.76	5.80	116715.3125	138.800762			3
6.06	6.08	6.12	74122.01562	131.185611			4
6.35	6.38	6.41	89917.07031	140.702079			5
7.51	7.54	7.57	64734.13281	140.39139			6
Height Summation:			**483640.531251**				
Amount Avg CF:			**138.381766**	Linear:			
Aroclor-1262					6	61.10	
E 6.05	6.08	6.11	74122.01562	240.830265			1
6.14	6.17	6.20	28856.85156	114.025891			2
6.44	6.47	6.50	36756.71093	99.669909			3
6.88	6.91	6.94	40320.29296	59.137147			4
7.34	7.37	7.40	25567.34570	88.729383			5
7.86	7.90	7.92	19665.82226	60.179188			6
Height Summation:			**225289.039064**				
Amount Avg CF:			**110.428631**	Linear:			
Aroclor-1268					6	147.11	
6.10	6.12	6.16	45713.67187	112.259082			1
6.35	6.38	6.41	89917.07031	173.550971			2
E 6.60	6.63	6.66	196744.6562	871.779783			3
6.94	6.97	7.00	136446.8437	80.54004			4
7.16	7.19	7.22	2672.662842	1.553691			5
7.51	7.54	7.57	64734.13281	81.744429			6
Height Summation:			**536229.037843**				
Amount Avg CF:			**220.237999**	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		5.16	4	15	
Aroclor-1221			17	3.3	E	0.28	3	5	
			17	5.2	E				
Aroclor-1232			17	3.3	E	** 68.17	4	10	
Aroclor-1242			17	3.3	E	37.83	4	30	
Aroclor-1248			17	3.3		** 40.82	4	30	
Aroclor-1254			17	3.3		** 84.21	4	40	
Aroclor-1260			17	3.3		3.40	4	40	
Aroclor-1262			17	3.3		23.34	4	40	
Aroclor-1268			17	3.3		** 77.53	4	40	

Units: _____

ASX05 1108

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:33:37

Sample Name: **LCSA 9/2/08ACF ABLCSCZ LCS 082460004A 00042**
Acquired from CP02--H2601A via port 1 on 9/4/08 07:42:03pm 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\8P2235.39R**
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	2.022		0.0000	0.000	1069.1	0.033	BB	0.037	479.71	0.034
2	2.203		0.0000	0.000	141401.5	4.401	BB	0.035	67647.47	4.840
3	2.323		0.0000	0.000	577.8	0.018	BB	0.043	226.42	0.016
4	2.432		0.0000	0.000	1642.1	0.051	BB	0.033	828.25	0.059
5	2.545		0.0000	0.000	10486.1	0.326	BB	0.031	5580.06	0.399
6	2.639		0.0000	0.000	1548.1	0.048	BB	0.055	471.19	0.034
7	2.800		0.0000	0.000	1232.0	0.038	BB	0.044	470.65	0.034
8	2.863		0.0000	0.000	118.5	0.004	BB	0.024	82.50	0.006
9	2.922		0.0000	0.000	449.6	0.014	BB	0.033	226.24	0.016
10	3.005		0.0000	0.000	398.8	0.012	BB	0.028	238.30	0.017
11	3.053		0.0000	0.000	3545.1	0.110	BB	0.035	1701.85	0.122
12	3.150		0.0000	0.000	58.1	0.002	BB	0.018	54.59	0.004
13	3.230		0.0000	0.000	72.8	0.002	BB	0.017	71.88	0.005
14	3.263		0.0000	0.000	911.1	0.028	BB	0.026	577.94	0.041
15	3.348	TCX	286.6059	49.551	189437.0	5.896	BB	0.035	91390.63	6.538
16	3.588		0.0000	0.000	9457.9	0.294	BB	0.034	4627.28	0.331
17	3.678		0.0000	0.000	11846.0	0.369	BB	0.034	5817.17	0.416
18	3.755		0.0000	0.000	65688.1	2.044	BB	0.038	29116.11	2.083
19	3.905		0.0000	0.000	8707.8	0.271	BB	0.040	3634.78	0.260
20	4.042		0.0000	0.000	63.1	0.002	BB	0.022	47.37	0.003
21	4.104		0.0000	0.000	18188.7	0.566	BB	0.023	13139.83	0.940
22	4.123		0.0000	0.000	8030.4	0.250	BB	0.019	6866.10	0.491
23	4.236		0.0000	0.000	1442.5	0.045	BB	0.019	1263.32	0.090
24	4.289		0.0000	0.000	79234.7	2.466	BB	0.037	35675.04	2.552
25	4.413		0.0000	0.000	5401.5	0.168	BB	0.025	3589.57	0.257
26	4.485		0.0000	0.000	27769.3	0.864	BB	0.049	9411.16	0.673
27	4.577		0.0000	0.000	184569.4	5.744	BB	0.038	80969.31	5.793
28	4.638		0.0000	0.000	54006.4	1.681	BB	0.029	30866.37	2.208
29	4.731		0.0000	0.000	61429.7	1.912	BB	0.031	33211.64	2.376
30	4.792		0.0000	0.000	873.7	0.027	BB	0.016	930.92	0.067
31	4.843		0.0000	0.000	24275.9	0.756	BB	0.024	17068.54	1.221
32	4.887		0.0000	0.000	53240.0	1.657	BB	0.049	18193.59	1.302
33	5.035		0.0000	0.000	85660.9	2.666	BB	0.046	31001.13	2.218
34	5.115		0.0000	0.000	5094.8	0.159	BB	0.019	4538.20	0.325
35	5.168		0.0000	0.000	47128.2	1.467	BB	0.031	25593.39	1.831
36	5.226		0.0000	0.000	6853.6	0.213	BB	0.023	4875.18	0.349
37	5.300		0.0000	0.000	1017.5	0.032	BB	0.024	716.29	0.051
38	5.360		0.0000	0.000	1262.9	0.039	BB	0.022	946.80	0.068
39	5.410		0.0000	0.000	120562.2	3.752	BB	0.065	30985.39	2.217
40	5.581		0.0000	0.000	3075.9	0.096	BB	0.026	1953.57	0.140
41	5.641		0.0000	0.000	62117.2	1.933	BB	0.041	25226.93	1.805
42	5.772		0.0000	0.000	131.1	0.004	BB	0.023	96.39	0.007
43	5.838		0.0000	0.000	1369.6	0.043	BB	0.032	704.43	0.050
44	5.928		0.0000	0.000	26447.8	0.823	BB	0.039	11348.27	0.812
45	5.993		0.0000	0.000	16005.6	0.498	BB	0.028	9443.14	0.676
46	6.063		0.0000	0.000	90160.8	2.806	BB	0.049	30684.87	2.195
47	6.165		0.0000	0.000	141208.8	4.395	BB	0.039	61023.79	4.366
48	6.285		0.0000	0.000	12297.1	0.383	BB	0.036	5629.45	0.403
49	6.367		0.0000	0.000	19898.8	0.619	BB	0.030	10917.56	0.781
50	6.439		0.0000	0.000	155341.6	4.835	BB	0.036	72148.66	5.162
51	6.492		0.0000	0.000	5921.5	0.184	BB	0.018	5496.47	0.393
52	6.554		0.0000	0.000	60409.8	1.880	BB	0.037	27477.92	1.966
53	6.660		0.0000	0.000	4568.5	0.142	BB	0.023	3312.01	0.237
54	6.706		0.0000	0.000	177060.6	5.510	BB	0.037	79625.23	5.697
55	6.795		0.0000	0.000	71887.4	2.237	BB	0.028	42074.31	3.010
56	6.849		0.0000	0.000	31339.3	0.975	BB	0.027	19347.20	1.384
57	6.981		0.0000	0.000	3864.0	0.120	BB	0.041	1589.26	0.114
58	7.013		0.0000	0.000	94165.2	2.931	BB	0.034	46591.65	3.333
59	7.091		0.0000	0.000	32851.6	1.022	BB	0.028	19316.30	1.382
60	7.145		0.0000	0.000	12258.2	0.381	BB	0.025	8120.61	0.581
61	7.275		0.0000	0.000	26091.0	0.812	BB	0.035	12420.97	0.889
62	7.360		0.0000	0.000	318027.3	9.898	BB	0.043	123598.20	8.843

ASX05 1189

LCSA 9/2/08ACF ABLCSCZ LCS 082460004A 00042

PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	7.696		0.0000	0.000	147696.7	4.597	BB	0.037	67052.84	4.797
64	7.792		0.0000	0.000	43625.6	1.358	BB	0.038	19052.29	1.363
65	8.043		0.0000	0.000	3443.2	0.107	BB	0.040	1431.87	0.102
66	8.207		0.0000	0.000	44891.7	1.397	BB	0.052	14260.94	1.020
67	8.547		0.0000	0.000	82082.8	2.555	BB	0.044	31251.84	2.236
68	8.649		0.0000	0.000	2737.5	0.085	BB	0.034	1331.19	0.095
69	8.754		0.0000	0.000	21.1	0.001	BB	0.020	17.45	0.001
70	8.830		0.0000	0.000	304.3	0.009	BB	0.048	106.17	0.008
71	8.933		0.0000	0.000	226.1	0.007	BB	0.054	69.56	0.005
72	9.030		0.0000	0.000	27431.7	0.854	BB	0.051	8910.54	0.637
73	9.173		0.0000	0.000	596.8	0.019	BB	0.083	119.66	0.009
74	9.331		0.0000	0.000	203.9	0.006	BB	0.031	110.22	0.008
75	9.424	DCB	291.7952	50.449	226211.4	7.040	BB	0.057	66712.71	4.773
76	9.878		0.0000	0.000	132.5	0.004	BB	0.042	52.07	0.004
77	9.950		0.0000	0.000	32322.9	1.006	BB	0.090	5977.76	0.428

Total Area = 3213179.0, Total Amount = 578.401, Total Height = 1397736.0, Sample Units = ug/l

ASX05 1110

Sample Name: **LCSA 9/2/08ACF ABLCSCZ LCS 082460004A 00042**
Acquired from CP02--H2601B via port 2 on 9/4/08 07:42:03pm 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\8P2235B.39R**
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%
2	2.102		0.0000	0.000	1040.5	0.020	BB	0.038	451.29	0.020
3	2.231		0.0000	0.000	21493.3	0.410	BB	0.031	11598.60	0.505
4	2.316		0.0000	0.000	1534.8	0.029	BB	0.043	601.42	0.026
5	2.481		0.0000	0.000	1234.9	0.024	BB	0.033	627.24	0.027
6	2.544		0.0000	0.000	366.5	0.007	BB	0.016	381.08	0.017
7	2.601		0.0000	0.000	1402.4	0.027	BB	0.022	1043.91	0.045
8	2.657		0.0000	0.000	9118.0	0.174	BB	0.047	3206.68	0.140
9	2.847		0.0000	0.000	973.5	0.019	BB	0.024	662.86	0.029
10	2.879		0.0000	0.000	1170.2	0.022	BB	0.022	890.89	0.039
11	2.922	TCX	284.1594	49.916	346089.6	6.607	BB	0.038	151381.00	6.597
12	3.096		0.0000	0.000	2006.3	0.038	BB	0.027	1259.53	0.055
13	3.172		0.0000	0.000	18964.3	0.362	BB	0.035	9161.22	0.399
14	3.266		0.0000	0.000	23791.6	0.454	BB	0.036	10975.54	0.478
15	3.347		0.0000	0.000	121634.4	2.322	BB	0.040	50974.73	2.222
16	3.520		0.0000	0.000	16508.6	0.315	BB	0.041	6773.44	0.295
17	3.678		0.0000	0.000	244240.5	4.663	BB	0.054	75765.48	3.302
18	3.820		0.0000	0.000	2076.8	0.040	BB	0.018	1934.25	0.084
19	3.862		0.0000	0.000	148405.2	2.833	BB	0.041	59714.79	2.602
20	4.007		0.0000	0.000	69131.6	1.320	BB	0.047	24421.93	1.064
21	4.108		0.0000	0.000	288619.8	5.510	BB	0.036	132831.00	5.789
22	4.165		0.0000	0.000	75723.1	1.446	BB	0.031	40953.32	1.785
23	4.284		0.0000	0.000	91766.6	1.752	BB	0.028	54930.03	2.394
24	4.341		0.0000	0.000	28369.6	0.542	BB	0.021	22178.65	0.967
25	4.376		0.0000	0.000	85235.4	1.627	BB	0.040	35450.63	1.545
26	4.545		0.0000	0.000	199910.2	3.816	BB	0.055	60196.57	2.623
27	4.688		0.0000	0.000	98110.2	1.873	BB	0.035	46369.86	2.021
28	4.752		0.0000	0.000	20543.6	0.392	BB	0.027	12493.51	0.544
29	4.823		0.0000	0.000	1224.2	0.023	BB	0.016	1283.99	0.056
30	4.859		0.0000	0.000	6742.4	0.129	BB	0.022	5183.39	0.226
31	4.894		0.0000	0.000	120286.0	2.296	BB	0.041	48990.49	2.135
32	4.989		0.0000	0.000	2878.8	0.055	BB	0.018	2600.72	0.113
33	5.047		0.0000	0.000	108048.9	2.063	BB	0.045	40282.98	1.756
34	5.214		0.0000	0.000	163.1	0.003	BB	0.010	280.53	0.012
35	5.263		0.0000	0.000	4260.1	0.081	BB	0.041	1741.59	0.076
36	5.345		0.0000	0.000	13247.9	0.253	BB	0.026	8545.80	0.372
37	5.453		0.0000	0.000	83023.2	1.585	BB	0.037	37884.84	1.651
38	5.489		0.0000	0.000	13588.0	0.259	BB	0.024	9543.78	0.416
39	5.568		0.0000	0.000	232124.2	4.431	BB	0.039	100267.20	4.370
40	5.662		0.0000	0.000	2072.1	0.040	BB	0.015	2307.42	0.101
41	5.704		0.0000	0.000	29367.3	0.561	BB	0.027	18359.26	0.800
42	5.762		0.0000	0.000	274752.1	5.245	BB	0.039	116715.30	5.087
43	5.907		0.0000	0.000	238051.2	4.545	BB	0.037	108247.60	4.718
44	5.979		0.0000	0.000	6922.0	0.132	BB	0.019	6065.95	0.264
45	6.033		0.0000	0.000	26514.0	0.506	BB	0.024	18729.71	0.816
46	6.082		0.0000	0.000	122480.4	2.338	BB	0.028	74122.02	3.230
47	6.123		0.0000	0.000	61827.2	1.180	BB	0.023	45713.67	1.992
48	6.174		0.0000	0.000	43393.0	0.828	BB	0.025	28856.85	1.258
49	6.309		0.0000	0.000	30608.8	0.584	BB	0.032	15910.95	0.693
50	6.378		0.0000	0.000	210555.4	4.020	BB	0.039	89917.07	3.919
51	6.474		0.0000	0.000	58646.8	1.120	BB	0.027	36756.71	1.602
52	6.517		0.0000	0.000	9794.8	0.187	BB	0.018	9036.08	0.394
53	6.553		0.0000	0.000	9945.9	0.190	BB	0.020	8365.79	0.365
54	6.627		0.0000	0.000	465087.5	8.879	BB	0.039	196744.70	8.575
55	6.721		0.0000	0.000	4000.6	0.076	BB	0.023	2935.54	0.128
56	6.837		0.0000	0.000	133.6	0.003	BB	0.009	255.48	0.011
57	6.913		0.0000	0.000	66310.1	1.266	BB	0.027	40320.29	1.757
58	6.974		0.0000	0.000	322090.6	6.149	BB	0.039	136446.80	5.947
59	7.193		0.0000	0.000	4977.1	0.095	BB	0.031	2672.66	0.116
60	7.255		0.0000	0.000	3205.6	0.061	BB	0.025	2148.41	0.094
61	7.293		0.0000	0.000	3496.8	0.067	BB	0.027	2129.27	0.093
62	7.369		0.0000	0.000	61580.6	1.176	BB	0.040	25567.35	1.114
63	7.539		0.0000	0.000	170911.7	3.263	BB	0.044	64734.13	2.821

ASX05 1111

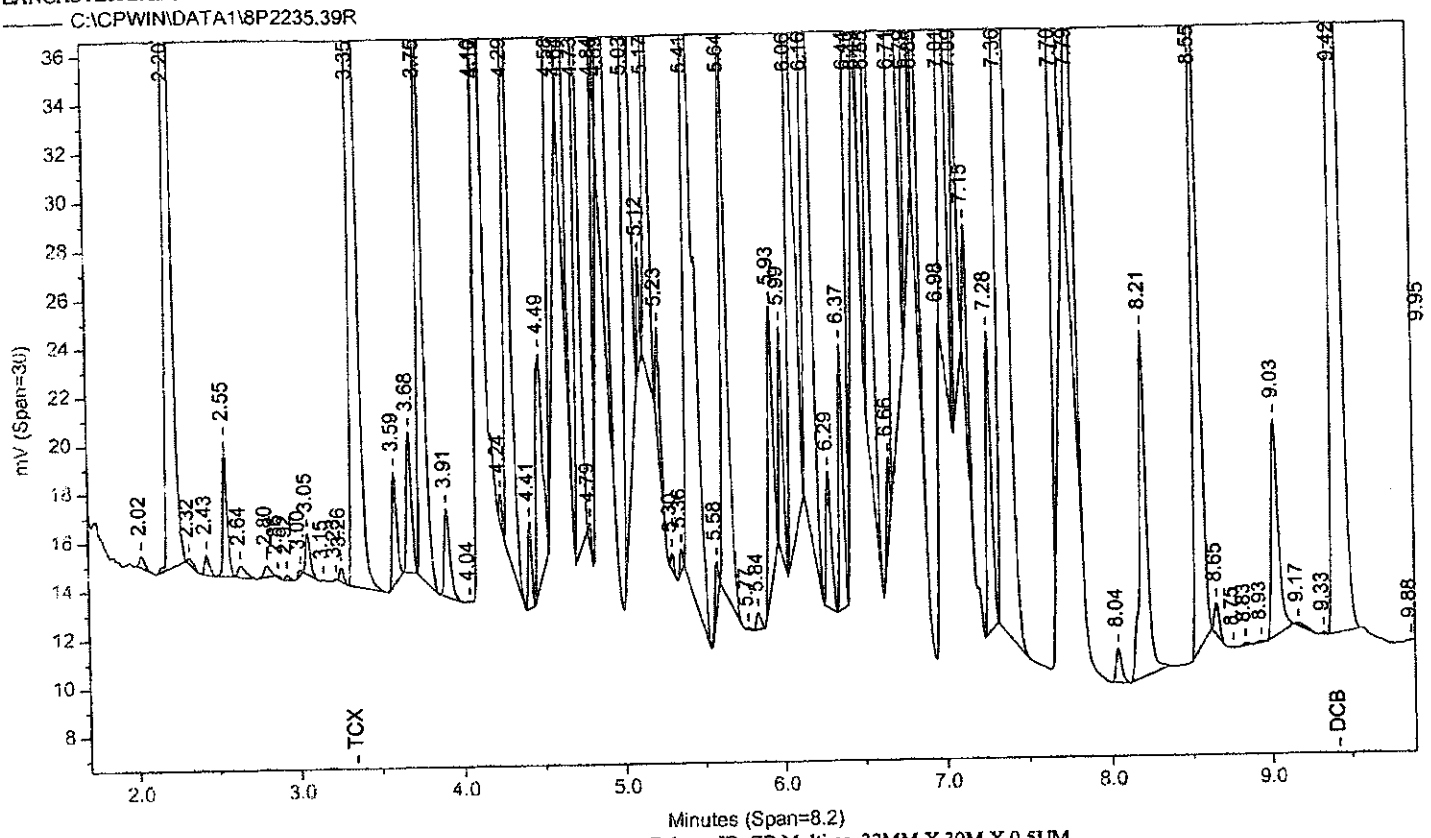
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
64	7.680		0.0000	0.000	415.2	0.008	BB	0.015	448.02	0.020
65	7.746		0.0000	0.000	438.2	0.008	BB	0.018	403.08	0.018
66	7.813		0.0000	0.000	514.2	0.010	BB	0.023	373.16	0.016
67	7.895		0.0000	0.000	50719.8	0.968	BB	0.043	19665.82	0.857
68	8.216	DCB	285.1132	50.084	391637.9	7.477	BB	0.050	131131.60	5.715
69	8.483		0.0000	0.000	498.9	0.010	BB	0.021	402.39	0.018
70	8.717		0.0000	0.000	264.2	0.005	BB	0.018	241.78	0.011
71	8.751		0.0000	0.000	36.6	0.001	BB	0.007	81.37	0.004
72	8.798		0.0000	0.000	327.8	0.006	BB	0.047	116.86	0.005
73	8.821		0.0000	0.000	352.7	0.007	BB	0.022	262.82	0.011
74	8.860		0.0000	0.000	49.7	0.001	BB	0.004	228.22	0.010
75	8.928		0.0000	0.000	565.4	0.011	BB	0.022	433.23	0.019
76	8.964		0.0000	0.000	351.0	0.007	BB	0.025	234.50	0.010
77	9.010		0.0000	0.000	3847.6	0.073	BB	0.165	388.12	0.017
78	9.267		0.0000	0.000	195.0	0.004	BB	0.016	203.61	0.009
79	9.477		0.0000	0.000	919.1	0.018	BB	0.032	477.41	0.021
80	9.660		0.0000	0.000	17930.5	0.342	BB	0.280	1067.96	0.047
81	9.925		0.0000	0.000	37305.8	0.712	BB	0.054	11469.71	0.500

Total Area = 5238142.0, Total Amount = 569.273, Total Height = 2294523.0, Sample Units = ug/l

ASX05 1112

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.39R

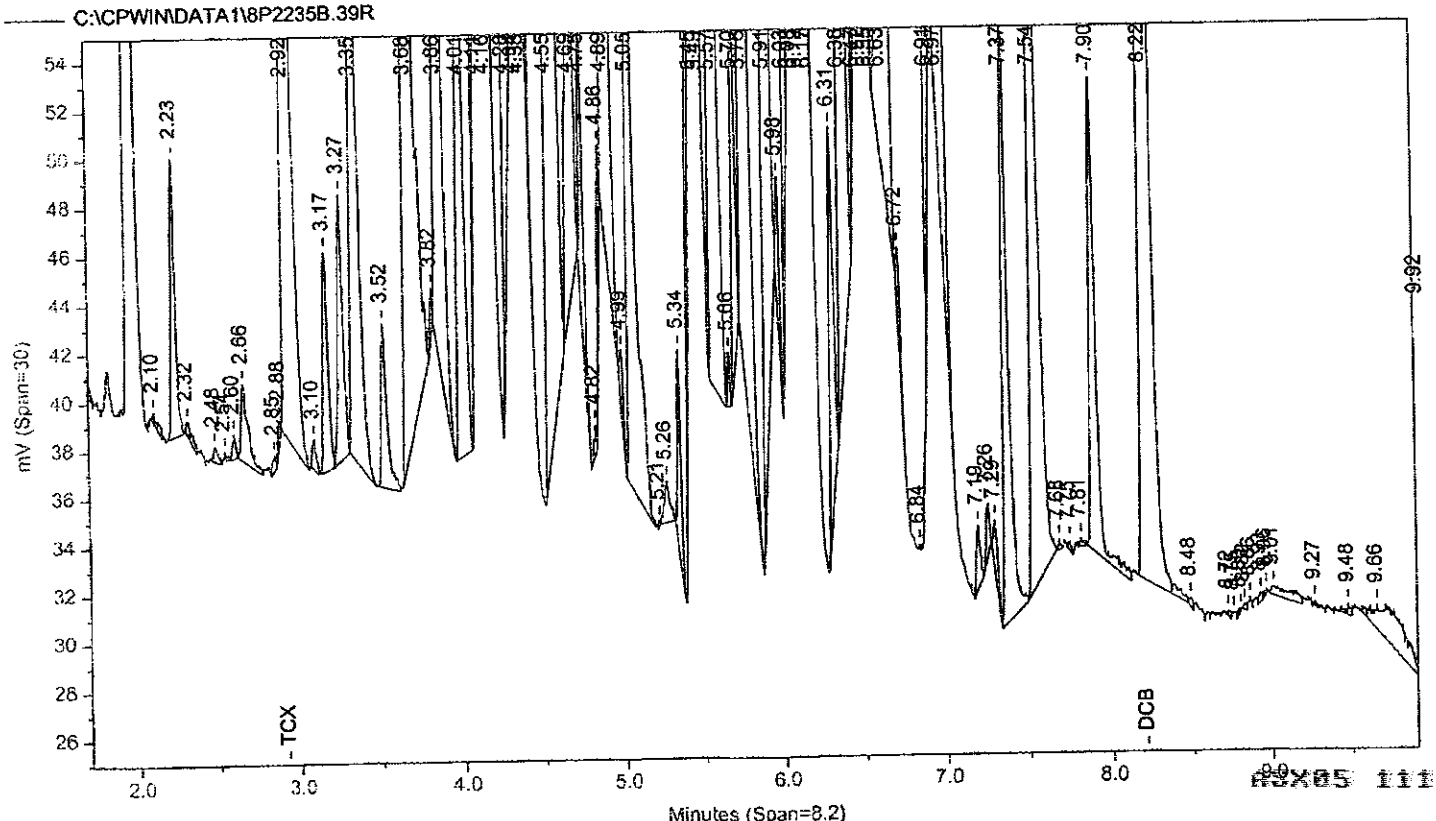
C:\CPWIN\DATA1\8P2235.39R



Instrument ID: CP02--H2601A Injected On: 9/4/2008 7:32:03 PM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.39R

C:\CPWIN\DATA1\8P2235B.39R



Instrument ID: CP02--H2601B Injected On: 9/4/2008 7:32:03 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: 30
Analyst: 2280

Dilution Factor: 10

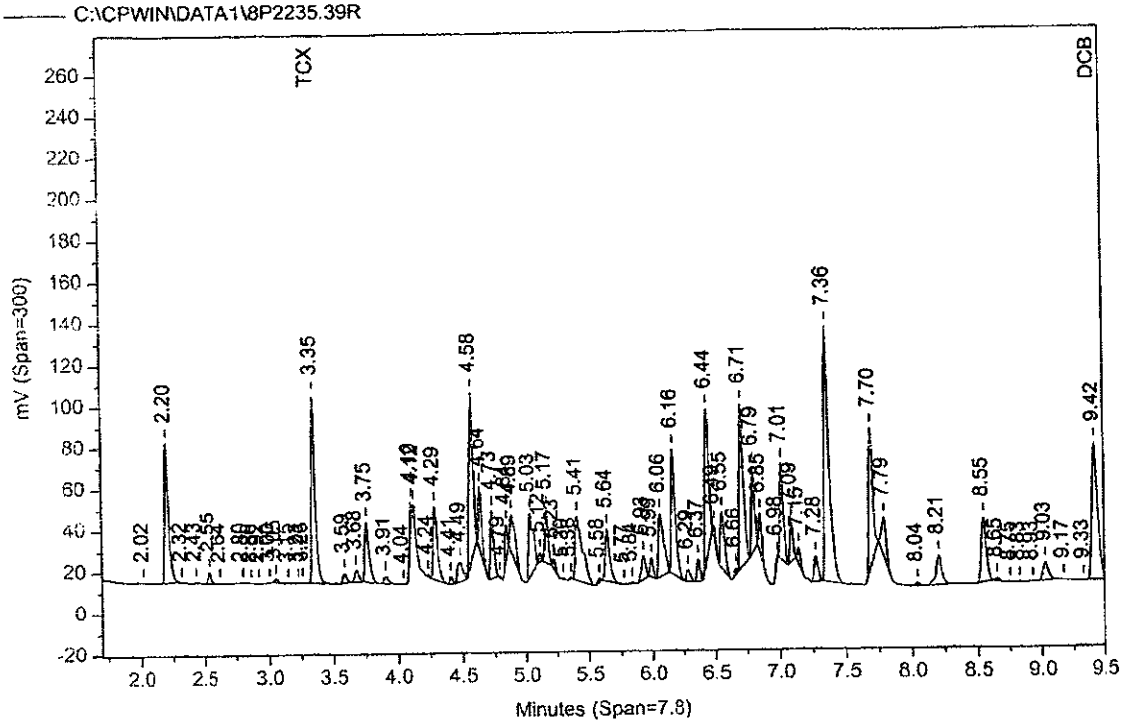
RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.348	91391	9.55353	TCX	2.922	151381	9.47198	TCX
9.424	66713	9.72651	DCB	8.216	131132	9.50377	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.39A
Area File: C:\CPWIN\DATA1\8P2235B.39A
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: 9/4/2008 7:42:06 PM
File Reported On: 9/4/2008 at 7:42:14 PM

10X REPLOTS

ASX05: 1114

C:\CPWIN\DATA1\8P2235.39R



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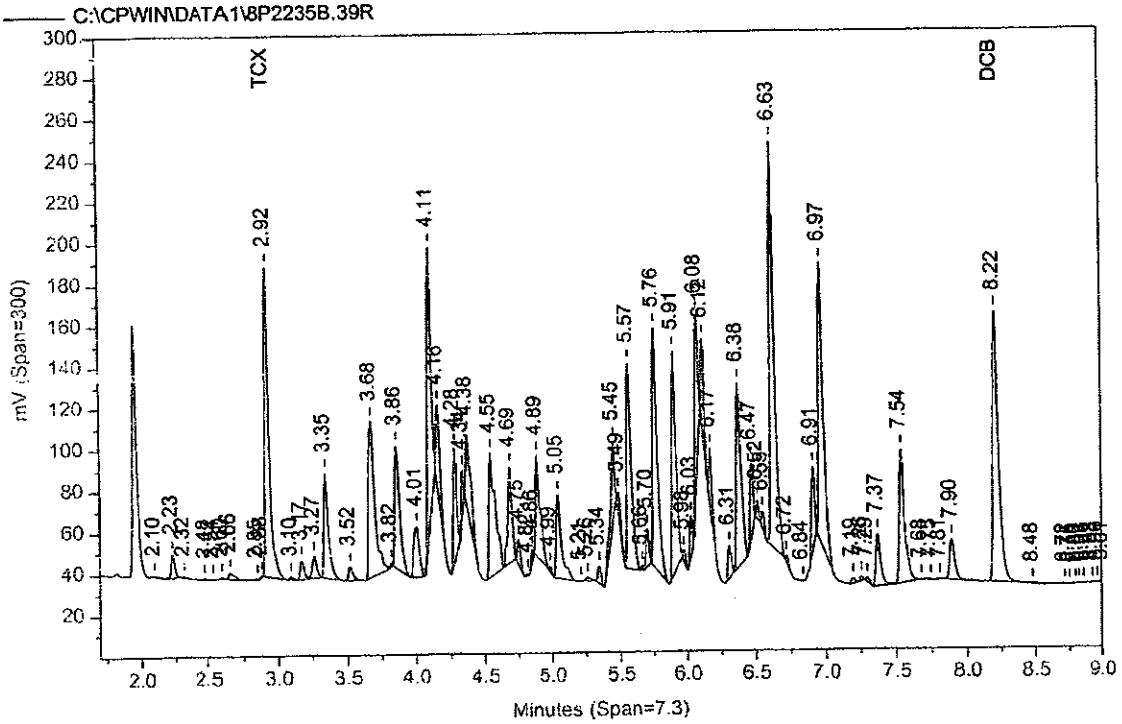

ASX85 1115

Multiple Component Data Summary

Sample Name: 5454446 MSACF DF100 AMS33MS MS Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 00:20:29
Instrument H2601A
Result file 8P2235.59R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 77.8% Conc: 7.756102
%SSR(DCB) 118.3% Conc: 11.85157

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**225.95**	
3.73	3.76	3.79	255.142853	125.891281			1
4.26	4.29	4.32	369.844391	148.11075			2
4.55	4.58	4.61	858.507996	154.092412			3
4.71	4.73	4.77	330.215759	144.141113			4
5.14	5.17	5.20	573.71582	318.24092			5
5.38	5.41	5.44	24943.95703	12873.449925			6
Height summation:			**27331.38385**				
Concentration		CF:	**2293.987734**	L:			
Aroclor-1260						**20.16**	
6.03	6.07	6.09	33449.47656	15870.011217			1
6.14	6.17	6.20	79578.67187	18541.042108			2
6.41	6.44	6.47	114755.5312	22863.511564			3
6.68	6.71	6.74	122382.7578	22478.129008			4
6.77	6.80	6.83	39682.59375	13156.146002			5
6.98	7.01	7.04	61418.73046	18683.037772			6
Height summation:			**451267.76172**				
Concentration		CF:	**18598.646279**	L:			

Analysis Report (B)

Injected on Sep 05, 2008 00:20:29
Instrument H2601B
Result file 8P2235B.59R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 100.3% Conc: 10.00029
%SSR(DCB) 135.1% Conc: 13.53154

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**139.18**	
3.32	3.36	3.38	8204.357422	2179.129561			1
3.65	3.68	3.71	1136.169678	201.314672			2
3.84	3.87	3.90	1143.574829	268.566596			3
4.08	4.11	4.14	1665.454224	174.6305			4
4.66	4.69	4.72	960.135376	302.37551			6
Height summation:			**13109.691529**				
Concentration		CF:	**625.203368**	L:			
Aroclor-1260						**17.41**	
5.43	5.45	5.49	47615.24609	17621.688052			1
5.54	5.57	5.60	123970.25	17186.524361			2
5.74	5.77	5.80	162923.375	19375.254345			3
6.06	6.08	6.12	126055.2656	22310.020795			4
6.35	6.38	6.41	95352.99218	14920.819984			5
7.51	7.54	7.57	63901.59765	13858.583878			6
Height summation:			**619818.726563**				
Concentration		CF:	**17545.481903**	L:			

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016 (B) 625.2	A	2293.987734	1700	330		114.33	4	15	1569
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	18598.646279	1700	330		5.83	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 1116

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: 5454446 MSACF DF100 AMS33MS Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 00:20:29
Instrument : CP02--H2601A
Result file : 8P2235.59R
Calibration file : 2P2235.CAL
Method file : PESTD.MET
%SSR(TCX) : 77.8% Conc.: 7.756102
%SSR(DCB) : 118.3% Conc.: 11.851572

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	225.95	
3.73	3.76	3.79	255.142853	125.891281			1
4.26	4.29	4.32	369.844391	148.11075			2
4.55	4.58	4.61	858.507996	154.092412			3
4.71	4.73	4.77	330.215759	144.141113			4
5.14	5.17	5.20	573.71582	318.24092			5
5.38	5.41	5.44	24943.95703	12873.449925			6
Height Summation:			27331.383850				
Amount Avg CF:			2293.987734	Linear:			
Aroclor-1221					2	36.83	
3.65	3.68	3.71	43.758717	52.037956			2
3.72	3.76	3.78	255.142853	88.683647			3
Height Summation:			298.901570				
Amount Avg CF:			70.360802	Linear:			
Aroclor-1232					6	241.39	
3.72	3.76	3.78	255.142853	107.274997			1
4.26	4.29	4.32	369.844391	308.976099			2
4.55	4.58	4.61	858.507996	315.877622			3
4.70	4.73	4.76	330.215759	310.280253			4
5.13	5.17	5.19	573.71582	678.511998			5
E 5.38	5.41	5.44	24943.95703	140213.361613			6
Height Summation:			27331.383850				
Amount Avg CF:			23655.713764	Linear:			
Aroclor-1242					6	238.88	
3.73	3.76	3.79	255.142853	150.620061			1
4.26	4.29	4.32	369.844391	184.746686			2
4.55	4.58	4.61	858.507996	194.606822			3
4.71	4.73	4.77	330.215759	184.267046			4
5.14	5.17	5.20	573.71582	385.522844			5
E 5.38	5.41	5.44	24943.95703	52113.145369			6
Height Summation:			27331.383850				
Amount Avg CF:			8868.818138	Linear:			
Aroclor-1248					5	88.21	
4.55	4.58	4.61	858.507996	308.447907			1
5.01	5.04	5.07	614.093872	205.157099			2
5.62	5.64	5.68	34185.53125	11005.218182			4
5.96	5.99	6.02	20164.44726	12293.655572			5
6.26	6.29	6.32	13368.72753	11523.175716			6
Height Summation:			69191.307923				
Amount Avg CF:			7067.130895	Linear:			
Aroclor-1254					6	99.18	
4.82	4.85	4.88	2501.248779	1082.221054			1
5.61	5.64	5.67	34185.53125	8911.588626			2
5.96	5.99	6.02	20164.44726	3672.206773			3
6.26	6.29	6.32	13368.72753	3225.827886			4
6.52	6.56	6.58	40186.03125	14273.39323			5
6.68	6.71	6.74	122382.7578	26393.831128			6
Height Summation:			232788.743897				
Amount Avg CF:			9593.178116	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 00:20:29
Instrument : CP02--H2601B
Result file : 8P2235B.59R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET
%SSR(TCX) : 100.3% Conc.: 10.000296
%SSR(DCB) : 135.1% Conc.: 13.531549

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	139.18	
3.32	3.36	3.38	8204.357422	2179.129561			1
3.65	3.68	3.71	1136.169678	201.314672			2
3.84	3.87	3.90	1143.574829	268.566596			3
4.08	4.11	4.14	1665.454224	174.6305			4
4.66	4.69	4.72	960.135376	302.37551			6
Height Summation:			13109.691529				
Amount Avg CF:			625.203368	Linear:			
Aroclor-1221					2	111.85	
3.14	3.17	3.20	384.76358	183.246931			1
3.32	3.36	3.38	8204.357422	1569.190847			3
Height Summation:			8589.121002				
Amount Avg CF:			876.218889	Linear:			
Aroclor-1232					5	86.29	
E 3.32	3.36	3.38	8204.357422	1893.502601			1
3.65	3.68	3.71	1136.169678	379.273172			2
3.83	3.87	3.89	1143.574829	547.531758			3
4.07	4.11	4.13	1665.454224	337.109186			4
4.65	4.69	4.71	960.135376	597.377742			6
Height Summation:			13109.691529				
Amount Avg CF:			750.958892	Linear:			
Aroclor-1242					5	134.84	
E 3.32	3.36	3.38	8204.357422	2608.532819			1
3.65	3.68	3.71	1136.169678	254.227849			2
3.84	3.87	3.90	1143.574829	331.34131			3
4.08	4.11	4.14	1665.454224	221.180266			4
4.66	4.69	4.72	960.135376	414.351535			6
Height Summation:			13109.691529				
Amount Avg CF:			765.926756	Linear:			
Aroclor-1248					4	174.59	
4.14	4.16	4.20	537.181763	501.421392			1
4.52	4.54	4.58	1467.652466	297.070143			3
4.66	4.69	4.72	960.135376	273.030385			4
4.87	4.90	4.93	41805.00781	10158.114173			5
Height Summation:			44769.977418				
Amount Avg CF:			2807.409023	Linear:			
Aroclor-1254					6	121.12	
5.24	5.27	5.30	4018.948486	1412.784056			1
5.32	5.35	5.38	13321.00878	2608.7706			2
5.41	5.45	5.47	47615.24609	5125.754689			3
5.64	5.67	5.70	8048.040527	1230.608688			4
5.94	5.98	6.00	8012.856934	2111.100994			5
6.05	6.08	6.11	126055.2656	16323.627833			6
Height Summation:			207071.366455				
Amount Avg CF:			4802.10781	Linear:			
Aroclor-1260					6	17.41	
5.43	5.45	5.49	47615.24609	17621.688052			1
5.54	5.57	5.60	123970.25	17186.524361			2
5.74	5.77	5.80	162923.375	19375.254345			3
6.06	6.08	6.12	126055.2656	22310.020795			4
6.35	6.38	6.41	95352.99218	14920.819984			5
7.51	7.54	7.57	63901.59765	13858.583878			6
Height Summation:			619818.726563				
Amount Avg CF:			17545.481903	Linear:			

Diluted out

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:47:53

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454446** MSACF DF100 AMS33MS Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 00:20:29
Instrument : CP02--H2601A
Result file : 8P2235.59R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	20.16	
6.03	6.07	6.09	33449.47656	15870.011217			1
6.14	6.17	6.20	79578.67187	18541.042108			2
6.41	6.44	6.47	114755.5312	22863.511564			3
6.68	6.71	6.74	122382.7578	22478.129008			4
6.77	6.80	6.83	39682.59375	13156.146002			5
6.98	7.01	7.04	61418.73046	18683.037772			6
Height Summation:			**451267.761720**				
Amount Avg CF:			**18598.646279**	Linear:			
Aroclor-1262					6	47.64	
6.03	6.07	6.09	33449.47656	13453.461782			1
6.13	6.17	6.19	79578.67187	20323.618256			2
E 6.40	6.44	6.46	114755.5312	26676.153679			3
E 6.67	6.71	6.73	122382.7578	31524.869211			4
6.76	6.80	6.82	39682.59375	7492.925568			5
6.98	7.01	7.04	61418.73046	13985.202628			6
Height Summation:			**451267.761720**				
Amount Avg CF:			**18909.371854**	Linear:			
Aroclor-1268					6	95.76	
6.76	6.80	6.82	39682.59375	16769.90546			1
7.00	7.01	7.06	61418.73046	21399.06154			2
7.66	7.70	7.72	80509.51562	7178.465119			3
8.01	8.04	8.07	986.713196	106.639509			4
8.14	8.16	8.20	772.152771	331.120058			5
8.51	8.55	8.57	30595.33593	8271.325684			6
Height Summation:			**213965.041749**				
Amount Avg CF:			**9009.419562**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 00:20:29
Instrument : CP02--H2601B
Result file : 8P2235B.59R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1262					6	96.70	
E 6.05	6.08	6.11	126055.2656	40956.688532			1
6.14	6.18	6.20	36147.61718	14283.485696			2
6.44	6.48	6.50	41421.24609	11231.831525			3
6.88	6.92	6.94	33398.94140	4898.570793			4
7.34	7.37	7.40	27408.42382	9511.869441			5
7.86	7.90	7.92	13186.84668	4035.293917			6
Height Summation:			**277618.340821**				
Amount Avg CF:			**14152.956651**	Linear:			
Aroclor-1268					6	158.88	
6.10	6.12	6.16	34965.16015	8586.395753			1
6.35	6.38	6.41	95352.99218	18404.296644			2
E 6.60	6.63	6.66	243178.5468	107752.93461			3
6.94	6.98	7.00	180569.125	10658.395671			4
7.16	7.19	7.22	1987.134644	115.517531			5
7.51	7.54	7.57	63901.59765	8069.312736			6
Height Summation:			**619954.556519**				
Amount Avg CF:			**25597.808824**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 114.33	4	15	
Aroclor-1221			1700	330		** 170.27	3	5	
			1700	520					
Aroclor-1232			1700	330	E	** 187.69	4	10	
Aroclor-1242			1700	330	E	** 168.20	4	30	
Aroclor-1248			1700	330		** 86.28	4	30	
Aroclor-1254			1700	330		** 66.56	4	40	
Aroclor-1260			1700	330		5.83	4	40	
Aroclor-1262			1700	330	E	28.77	4	40	
Aroclor-1268			1700	330		** 95.87	4	40	

Units: _____

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*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:47:53

Sample Name: **5454446MSACF DF100 ACAMS33MS MS 082460004A 00042**
Acquired from CP02--H2601A via port 1 on 9/5/08 12:30:29am 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\8P2235.59R**
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	2.006		0.0000	0.000	32.5	0.001	BB	0.014	39.59	0.004
2	2.097		0.0000	0.000	990.4	0.041	BB	0.035	471.39	0.046
3	2.202		0.0000	0.000	132.3	0.005	BB	0.031	70.50	0.007
4	2.298		0.0000	0.000	5650.4	0.231	BB	0.038	2510.53	0.246
5	2.433		0.0000	0.000	308.9	0.013	BB	0.035	147.10	0.014
6	2.537		0.0000	0.000	334.7	0.014	BB	0.053	105.08	0.010
7	2.705		0.0000	0.000	248.0	0.010	BB	0.049	84.35	0.008
8	2.820		0.0000	0.000	302.7	0.012	BB	0.066	76.55	0.007
9	2.896		0.0000	0.000	912.8	0.037	BB	0.054	279.98	0.027
10	3.021		0.0000	0.000	42.6	0.002	BB	0.027	26.12	0.003
11	3.115		0.0000	0.000	751.5	0.031	BB	0.073	172.65	0.017
12	3.350	TCX	232.6830	39.556	2187.3	0.090	BB	0.049	741.96	0.073
13	3.522		0.0000	0.000	586.1	0.024	BB	0.059	164.49	0.016
14	3.675		0.0000	0.000	60.5	0.002	BB	0.023	43.76	0.004
15	3.756		0.0000	0.000	514.7	0.021	BB	0.034	255.14	0.025
16	3.858		0.0000	0.000	7513.5	0.308	BB	0.033	3813.55	0.374
17	4.107		0.0000	0.000	2401.0	0.098	BB	0.075	531.88	0.052
18	4.291		0.0000	0.000	772.0	0.032	BB	0.035	369.84	0.036
19	4.484		0.0000	0.000	206.4	0.008	BB	0.036	94.78	0.009
20	4.578		0.0000	0.000	2142.8	0.088	BB	0.042	858.51	0.084
21	4.642		0.0000	0.000	587.6	0.024	BB	0.029	333.38	0.033
22	4.735		0.0000	0.000	622.5	0.025	BB	0.031	330.22	0.032
23	4.848		0.0000	0.000	7474.3	0.306	BB	0.050	2501.25	0.245
24	5.038		0.0000	0.000	1598.8	0.065	BB	0.043	614.09	0.060
25	5.173		0.0000	0.000	1357.7	0.056	BB	0.039	573.72	0.056
26	5.228		0.0000	0.000	56.7	0.002	BB	0.017	56.31	0.006
27	5.260		0.0000	0.000	143.0	0.006	BB	0.043	55.95	0.005
28	5.358		0.0000	0.000	53.3	0.002	BB	0.019	46.78	0.005
29	5.413		0.0000	0.000	64636.3	2.647	BB	0.043	24943.96	2.444
30	5.580		0.0000	0.000	5530.8	0.227	BB	0.027	3401.43	0.333
31	5.641		0.0000	0.000	82890.0	3.395	BB	0.040	34185.53	3.349
32	5.778		0.0000	0.000	205.5	0.008	BB	0.023	150.91	0.015
33	5.839		0.0000	0.000	3839.5	0.157	BB	0.032	2004.15	0.196
34	5.929		0.0000	0.000	37703.1	1.544	BB	0.042	14891.02	1.459
35	5.995		0.0000	0.000	35836.3	1.468	BB	0.030	20164.45	1.975
36	6.065		0.0000	0.000	101343.4	4.151	BB	0.050	33449.48	3.277
37	6.166		0.0000	0.000	181124.2	7.419	BB	0.038	79578.67	7.796
38	6.289		0.0000	0.000	28556.9	1.170	BB	0.036	13368.73	1.310
39	6.369		0.0000	0.000	26812.5	1.098	BB	0.031	14619.72	1.432
40	6.440		0.0000	0.000	331001.0	13.558	BB	0.048	114755.50	11.242
41	6.557		0.0000	0.000	89001.7	3.646	BB	0.037	40186.03	3.937
42	6.664		0.0000	0.000	8155.2	0.334	BB	0.024	5571.49	0.546
43	6.709		0.0000	0.000	279286.6	11.440	BB	0.038	122382.80	11.989
44	6.797		0.0000	0.000	65835.5	2.697	BB	0.028	39682.59	3.888
45	6.854		0.0000	0.000	45844.9	1.878	BB	0.029	26365.67	2.583
46	7.014		0.0000	0.000	163428.7	6.694	BB	0.044	61418.73	6.017
47	7.095		0.0000	0.000	38220.1	1.565	BB	0.028	22781.00	2.232
48	7.149		0.0000	0.000	20185.3	0.827	BB	0.027	12636.18	1.238
49	7.278		0.0000	0.000	38531.7	1.578	BB	0.035	18268.52	1.790
50	7.364		0.0000	0.000	376687.5	15.429	BB	0.043	145713.30	14.275
51	7.699		0.0000	0.000	174526.2	7.149	BB	0.036	80509.52	7.887
52	7.790		0.0000	0.000	27327.3	1.119	BB	0.036	12611.95	1.236
53	8.043		0.0000	0.000	3121.1	0.128	BB	0.053	986.71	0.097
54	8.164		0.0000	0.000	1569.3	0.064	BB	0.034	772.15	0.076
55	8.208		0.0000	0.000	28379.3	1.162	BB	0.039	12243.03	1.199
56	8.346		0.0000	0.000	92.1	0.004	BB	0.022	69.98	0.007
57	8.547		0.0000	0.000	82262.5	3.369	BB	0.045	30595.34	2.997
58	8.648		0.0000	0.000	2776.8	0.114	BB	0.034	1348.34	0.132
59	8.841		0.0000	0.000	45.3	0.002	BB	0.021	36.21	0.004
60	8.915		0.0000	0.000	36.3	0.001	BB	0.026	23.54	0.002
61	9.031		0.0000	0.000	16868.3	0.691	BB	0.050	5640.59	0.553
62	9.426	DCB	355.5471	60.444	2301.7	0.094	BB	0.047	812.88	0.080

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.584		0.0000	0.000	6464.3	0.265	BB	0.057	1891.25	0.185
64	9.802		0.0000	0.000	204.3	0.008	BB	0.059	58.10	0.006
65	9.939		0.0000	0.000	32796.7	1.343	BB	0.075	7270.55	0.712

Total Area = 2441413.0, Total Amount = 588.23, Total Height = 1020759.0, Sample Units = ug/l

ASX05 1120

Sample Name: **5454446MSACF DF100 ACAMS33MS MS 082460004A 00042**
Acquired from CP02--H2601B via port 2 on 9/5/08 12:30:29am 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\8P2235B.59R**
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	13984.2	0.380	BB	0.046	5070.45	0.303
2	2.223		0.0000	0.000	284.2	0.008	BB	0.024	197.93	0.012
3	2.277		0.0000	0.000	954.4	0.026	BB	0.039	413.15	0.025
4	2.328		0.0000	0.000	481.6	0.013	BB	0.036	224.56	0.013
5	2.393		0.0000	0.000	118.7	0.003	BB	0.004	461.56	0.028
6	2.476		0.0000	0.000	123.9	0.003	BB	0.006	336.32	0.020
7	2.507		0.0000	0.000	1370.7	0.037	BB	0.035	645.65	0.039
8	2.565		0.0000	0.000	526.6	0.014	BB	0.028	308.49	0.018
9	2.677		0.0000	0.000	665.7	0.018	BB	0.036	311.92	0.019
10	2.716		0.0000	0.000	545.2	0.015	BB	0.028	329.56	0.020
11	2.810		0.0000	0.000	178.1	0.005	BB	0.011	282.68	0.017
12	2.843		0.0000	0.000	648.6	0.018	BB	0.023	471.62	0.028
13	2.880		0.0000	0.000	77.3	0.002	N	5274.391	0.00	0.000
14	2.893		0.0000	0.000	177.8	0.005	BB	0.018	162.92	0.010
15	2.923	TCX	300.0089	42.497	4088.5	0.111	BB	0.043	1598.25	0.096
16	3.037		0.0000	0.000	343.3	0.009	BB	0.015	384.70	0.023
17	3.077		0.0000	0.000	272.6	0.007	BB	0.020	223.31	0.013
18	3.101		0.0000	0.000	64.5	0.002	BB	0.005	215.12	0.013
19	3.126		0.0000	0.000	243.9	0.007	BB	0.017	239.01	0.014
20	3.167		0.0000	0.000	699.1	0.019	BB	0.030	384.76	0.023
21	3.230		0.0000	0.000	733.3	0.020	BB	0.033	374.72	0.022
22	3.364		0.0000	0.000	17874.4	0.485	BB	0.036	8204.36	0.491
23	3.487		0.0000	0.000	511.3	0.014	BB	0.029	291.95	0.017
24	3.576		0.0000	0.000	597.3	0.016	BB	0.048	207.95	0.012
25	3.647		0.0000	0.000	120.5	0.003	BB	0.010	196.01	0.012
26	3.681		0.0000	0.000	2827.4	0.077	BB	0.041	1136.17	0.068
27	3.760		0.0000	0.000	173.6	0.005	BB	0.013	229.06	0.014
28	3.810		0.0000	0.000	679.5	0.018	BB	0.032	357.05	0.021
29	3.873		0.0000	0.000	2753.4	0.075	BB	0.040	1143.57	0.068
30	4.022		0.0000	0.000	2306.6	0.063	BB	0.058	664.83	0.040
31	4.109		0.0000	0.000	3612.2	0.098	BB	0.036	1665.45	0.100
32	4.160		0.0000	0.000	1497.6	0.041	BB	0.046	537.18	0.032
33	4.286		0.0000	0.000	955.7	0.026	BB	0.027	581.02	0.035
34	4.343		0.0000	0.000	14772.1	0.401	BB	0.055	4504.37	0.270
35	4.544		0.0000	0.000	3996.9	0.108	BB	0.045	1467.65	0.088
36	4.690		0.0000	0.000	2822.7	0.077	BB	0.049	960.14	0.057
37	4.826		0.0000	0.000	107.4	0.003	BB	0.016	113.09	0.007
38	4.843		0.0000	0.000	67.0	0.002	BB	0.008	137.60	0.008
39	4.860		0.0000	0.000	106.0	0.003	BB	0.013	137.40	0.008
40	4.897		0.0000	0.000	94665.2	2.569	BB	0.038	41805.01	2.502
41	4.994		0.0000	0.000	8392.5	0.228	BB	0.024	5760.56	0.345
42	5.049		0.0000	0.000	143834.6	3.903	BB	0.043	55392.97	3.315
43	5.210		0.0000	0.000	279.7	0.008	BB	0.019	249.73	0.015
44	5.226		0.0000	0.000	135.2	0.004	BB	0.009	241.16	0.014
45	5.267		0.0000	0.000	8409.2	0.228	BB	0.035	4018.95	0.241
46	5.349		0.0000	0.000	22131.3	0.601	BB	0.028	13321.01	0.797
47	5.454		0.0000	0.000	110687.2	3.004	BB	0.039	47615.25	2.850
48	5.493		0.0000	0.000	17481.3	0.474	BB	0.024	12088.21	0.724
49	5.571		0.0000	0.000	283371.3	7.690	BB	0.038	123970.30	7.420
50	5.667		0.0000	0.000	9076.6	0.246	BB	0.019	8048.04	0.482
51	5.705		0.0000	0.000	35809.8	0.972	BB	0.025	23620.83	1.414
52	5.765		0.0000	0.000	394806.7	10.714	BB	0.040	162923.40	9.752
53	5.908		0.0000	0.000	295306.0	8.014	BB	0.036	136862.20	8.192
54	5.978		0.0000	0.000	10556.9	0.286	BB	0.022	8012.86	0.480
55	6.035		0.0000	0.000	32676.2	0.887	BB	0.023	23603.83	1.413
56	6.084		0.0000	0.000	210335.7	5.708	BB	0.028	126055.30	7.545
57	6.122		0.0000	0.000	41039.2	1.114	BB	0.020	34965.16	2.093
58	6.177		0.0000	0.000	55046.0	1.494	BB	0.025	36147.62	2.164
59	6.312		0.0000	0.000	34183.3	0.928	BB	0.035	16089.95	0.963
60	6.380		0.0000	0.000	242757.2	6.588	BB	0.042	95352.99	5.707
61	6.477		0.0000	0.000	64604.2	1.753	BB	0.026	41421.25	2.479
62	6.520		0.0000	0.000	16684.2	0.453	BB	0.019	14393.38	0.862

ASX85 1121

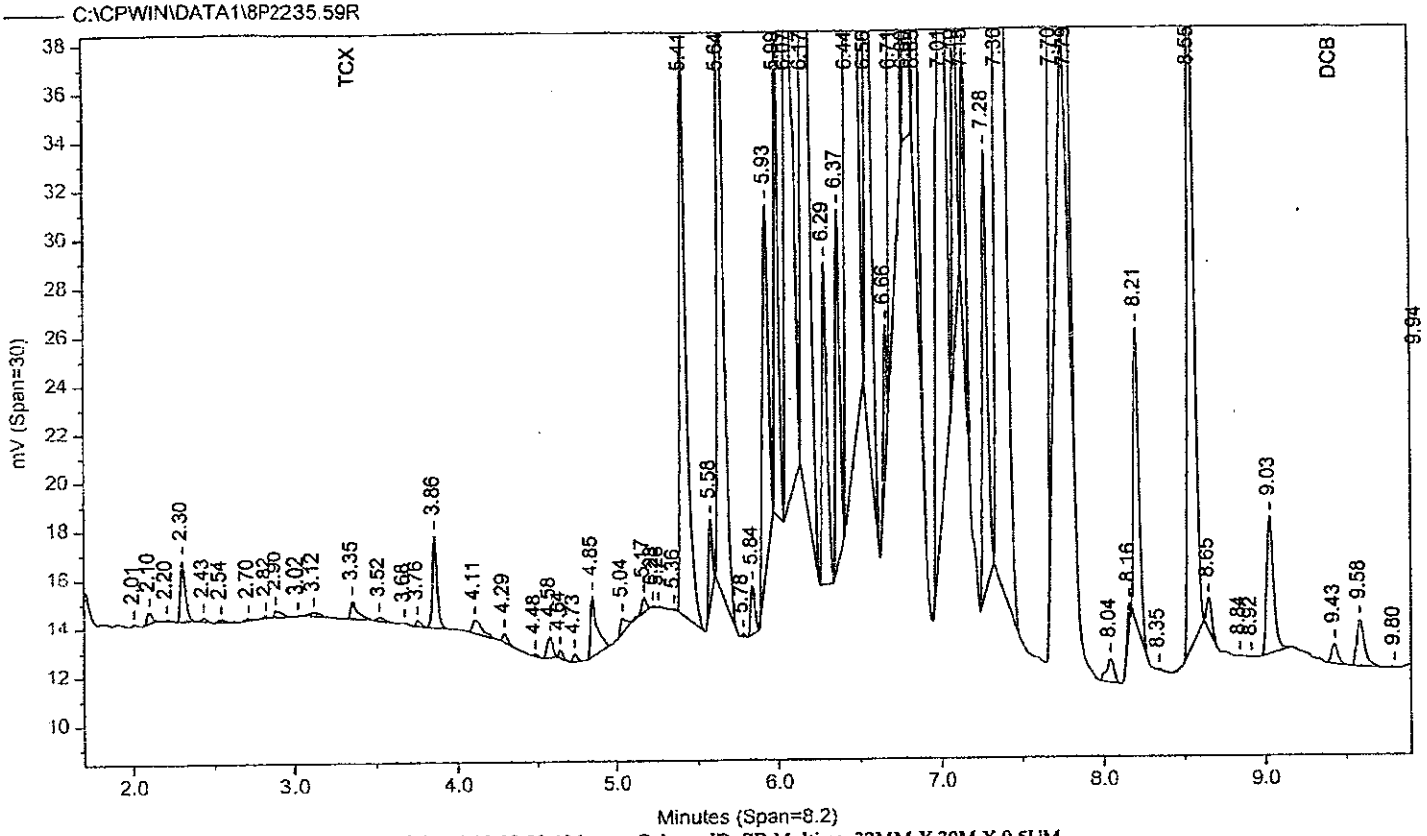
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.557		0.0000	0.000	11289.6	0.306	BB	0.019	9973.90	0.597
64	6.632		0.0000	0.000	611454.3	16.594	BB	0.042	243178.60	14.555
65	6.917		0.0000	0.000	54547.4	1.480	BB	0.027	33398.94	1.999
66	6.976		0.0000	0.000	436688.0	11.851	BB	0.040	180569.10	10.808
67	7.192		0.0000	0.000	3587.1	0.097	BB	0.030	1987.13	0.119
68	7.256		0.0000	0.000	16405.5	0.445	BB	0.042	6485.02	0.388
69	7.371		0.0000	0.000	64819.9	1.759	BB	0.039	27408.42	1.641
70	7.543		0.0000	0.000	169762.3	4.607	BB	0.044	63901.60	3.825
71	7.673		0.0000	0.000	157.7	0.004	BB	0.011	244.39	0.015
72	7.693		0.0000	0.000	54.0	0.001	BB	0.007	137.44	0.008
73	7.737		0.0000	0.000	2360.7	0.064	BB	0.070	559.45	0.033
74	7.898		0.0000	0.000	34491.2	0.936	BB	0.044	13186.85	0.789
75	8.059		0.0000	0.000	918.8	0.025	BB	0.046	333.41	0.020
76	8.219	DCB	405.9464	57.503	4781.4	0.130	BB	0.043	1867.06	0.112
77	8.379		0.0000	0.000	159.5	0.004	BB	0.010	264.31	0.016
78	8.443		0.0000	0.000	187.1	0.005	BB	0.012	257.34	0.015
79	8.491		0.0000	0.000	321.8	0.009	BB	0.023	237.86	0.014
80	8.510		0.0000	0.000	288.2	0.008	BB	0.016	300.66	0.018
81	8.593		0.0000	0.000	12993.6	0.353	BB	0.049	4410.92	0.264
82	8.810		0.0000	0.000	33.6	0.001	BB	0.005	105.77	0.006
83	8.831		0.0000	0.000	127.0	0.003	BB	0.010	211.67	0.013
84	8.855		0.0000	0.000	24.4	0.001	BB	0.003	117.82	0.007
85	8.894		0.0000	0.000	131.0	0.004	BB	0.011	199.65	0.012
86	8.910		0.0000	0.000	85.2	0.002	BB	0.008	178.90	0.011
87	8.926		0.0000	0.000	145.2	0.004	BB	0.011	213.38	0.013
88	8.946		0.0000	0.000	98.6	0.003	BB	0.019	88.15	0.005
89	8.960		0.0000	0.000	421.8	0.011	BB	0.019	365.36	0.022
90	9.043		0.0000	0.000	569.0	0.015	BB	0.039	241.61	0.014
91	9.153		0.0000	0.000	1055.8	0.029	BB	0.035	509.42	0.030
92	9.476		0.0000	0.000	858.2	0.023	BB	0.028	508.63	0.030
93	9.518		0.0000	0.000	74.3	0.002	BB	0.008	151.39	0.009
94	9.573		0.0000	0.000	120.8	0.003	BB	0.009	216.73	0.013
95	9.630		0.0000	0.000	108.8	0.003	BB	0.010	178.72	0.011
96	9.668		0.0000	0.000	955.9	0.026	BB	0.043	367.88	0.022
97	9.760		0.0000	0.000	2556.0	0.069	BB	0.154	275.94	0.017
98	9.926		0.0000	0.000	37624.9	1.021	BB	0.057	10963.16	0.656

Total Area = 3684892.0, Total Amount = 705.955, Total Height = 1670728.0, Sample Units = ug/l

ASX05 1122

LANCASTER LABORATORIES File: C:\CPWIN\DATA1\8P2235.59R

C:\CPWIN\DATA1\8P2235.59R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 12:20:29 AM Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.59R

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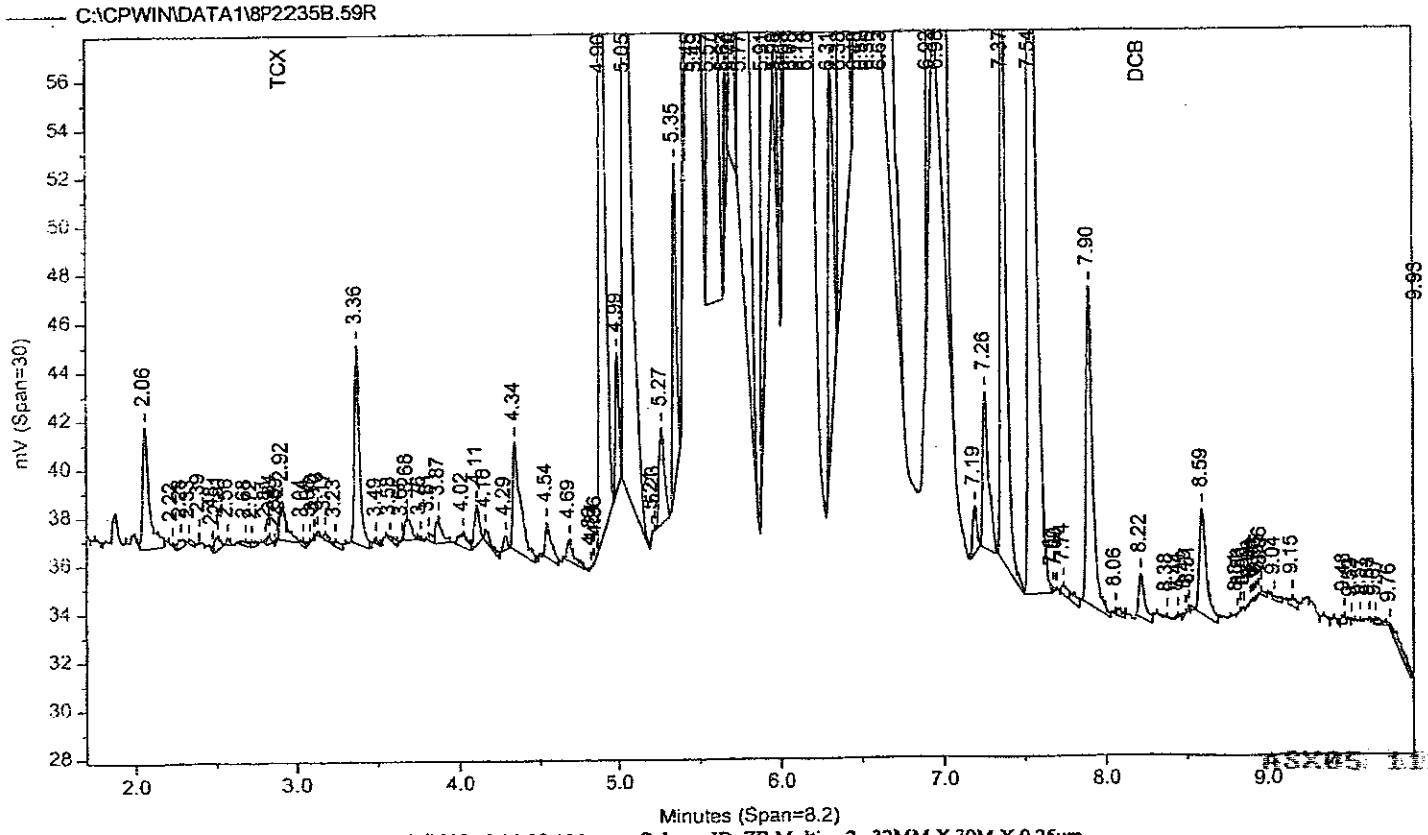

Instrument ID: CP02--H2601B Injected On: 9/5/2008 12:20:29 AM Column ID: ZB Multires2 .32MM X 30M X 0.25um

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: 1000

RT A	Height A	Amount A	Compound A	RT B	Height B	Amount B	Compound B
3.35	742	7.7561	TCX	2.923	1598	10.0003	TCX
9.426	813	11.85157	DCB	8.219	1867	13.53155	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.59A
Area File: C:\CPWIN\DATA1\8P2235B.59A
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 12:30:32 AM
File Reported On: 9/5/2008 at 12:30:39 AM

10X REPLOTS

SX05 1124

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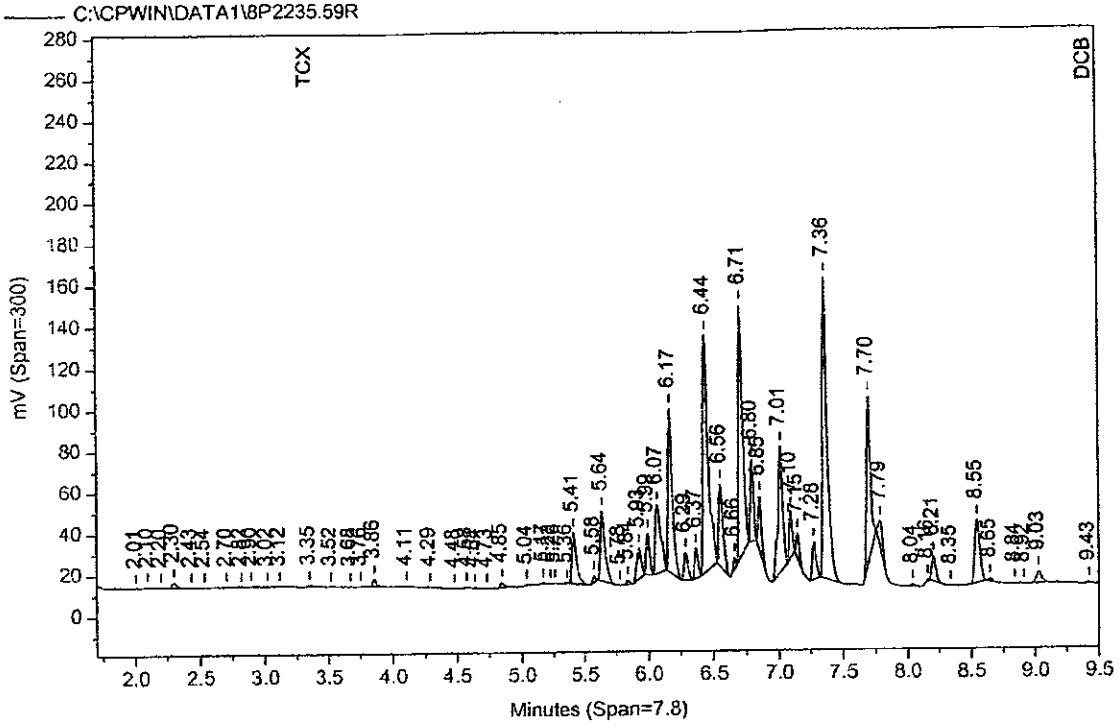

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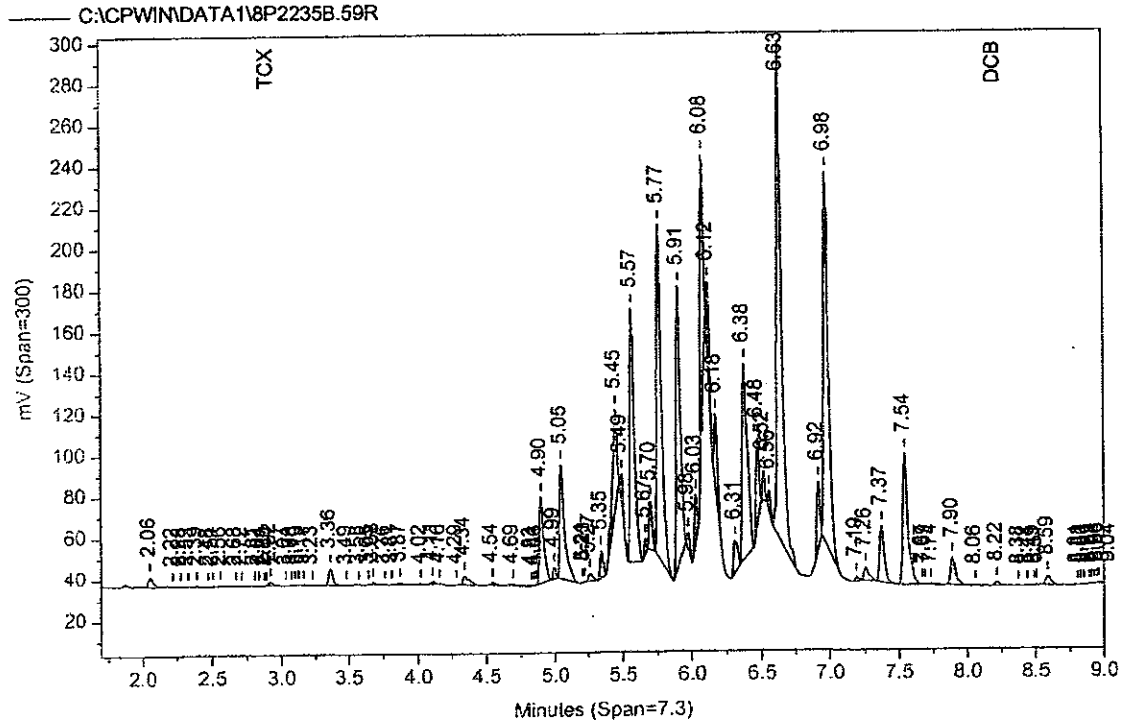

ASX05 1125

Multiple Component Data Summary

Sample Name: 5454447 MSDACF DF100 AMS33MSD MSD Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2131 SDG: ASX05 State: DE
Analyses: 01216

Analysis Report (A)

Injected on Sep 05, 2008 01:03:49
Instrument H2601A
Result file 8P2235.62R
Calibration file 2P2235
Method file PESTD

%SSR(TCX) 80.2% Conc: 8.004327
%SSR(DCB) 122.2% Conc: 12.2427

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**228.04**	
3.73	3.76	3.79	242.286682	119.547855			1
4.26	4.29	4.32	393.923218	157.753543			2
4.55	4.58	4.61	859.964111	154.353768			3
4.71	4.74	4.77	345.385651	150.76286			4
5.14	5.18	5.20	552.541626	306.495567			5
5.38	5.41	5.44	28195.41015	14551.50842			6
Height summation:			**30589.511444**				
Concentration		CF:	**2573.403669**	L:			
Aroclor-1260						**21.81**	
6.03	6.06	6.09	38010.62890	18034.037274			1
6.14	6.17	6.20	88889.72656	20710.425599			2
6.41	6.44	6.47	132390.0625	26376.957102			3
6.68	6.71	6.74	141303.1718	25953.255045			4
6.77	6.80	6.83	46772.07812	15506.554146			5
6.98	7.02	7.04	58568.32421	17815.969253			6
Height summation:			**505933.992188**				
Concentration		CF:	**20732.866403**	L:			

Analysis Report (B)

Injected on Sep 05, 2008 01:03:49
Instrument H2601B
Result file 8P2235B.62R
Calibration file 2P2235B
Method file PESTDB

%SSR(TCX) 130.6% Conc: 13.02399
%SSR(DCB) 129.3% Conc: 12.95165

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**153.04**	
3.32	3.37	3.38	9223.530273	2449.628358			1
3.65	3.68	3.71	696.634521	123.434688			2
3.84	3.86	3.90	952.600159	223.716521			3
4.08	4.12	4.14	1737.952881	182.232316			4
4.66	4.69	4.72	962.212341	303.029609			6
Height summation:			**13572.930175**				
Concentration		CF:	**656.448298**	L:			
Aroclor-1260						**18.00**	
5.43	5.46	5.49	54181.19140	20051.645881			1
5.54	5.57	5.60	143229.8593	19856.566131			2
5.74	5.77	5.80	189548.0312	22541.524911			3
6.06	6.08	6.12	145905.7031	25823.270886			4
6.35	6.38	6.41	109377.5390	17115.378691			5
7.51	7.55	7.57	72878.67968	15805.477992			6
Height summation:			**715121.003907**				
Concentration		CF:	**20198.977415**	L:			

Summary Report

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%Difference	No. of Hits Required	Max %RSD	Comments
Aroclor-1016 (B) GC/MS	A	2573.403669	1700	330		118.70	4	15	ISG
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	20732.866403	1700	330		2.61	4	40	

Units: ug/kg

%Difference = High - Low divided by the Average times 100

Reviewed By: [signature] Date: 9-5-08
Verified By: [signature] Date: 9-8-08

ASX05 1126

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454447** MSDACF DF100 AMS33MS Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 01:03:49
Instrument : CP02--H2601A
Result file : 8P2235.62R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

%SSR(TCX) : 80.2% Conc.: 8.004327
%SSR(DCB) : 122.2% Conc.: 12.242791

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					6	228.04	
3.73	3.76	3.79	242.286682	119.547855			1
4.26	4.29	4.32	393.923218	157.753543			2
4.55	4.58	4.61	859.964111	154.353768			3
4.71	4.74	4.77	345.385651	150.76286			4
5.14	5.18	5.20	552.541626	306.495567			5
5.38	5.41	5.44	28195.41015	14551.50842			6
Height Summation:			**30589.511444**				
Amount Avg CF:			**2573.403669**	Linear:			
Aroclor-1221					1		
3.72	3.76	3.78	242.286682	84.215044			3
Height Summation:			**242.286682**				
Amount Avg CF:			**84.215044**	Linear:			
Aroclor-1232					6	241.78	
3.72	3.76	3.78	242.286682	101.869611			1
4.26	4.29	4.32	393.923218	329.092079			2
4.55	4.58	4.61	859.964111	316.413382			3
4.70	4.74	4.76	345.385651	324.534321			4
5.13	5.18	5.19	552.541626	653.47008			5
E 5.38	5.41	5.44	28195.41015	158490.220101			6
Height Summation:			**30589.511444**				
Amount Avg CF:			**26702.599929**	Linear:			
Aroclor-1242					6	239.57	
3.73	3.76	3.79	242.286682	143.030598			1
4.26	4.29	4.32	393.923218	196.774673			2
4.55	4.58	4.61	859.964111	194.936895			3
4.71	4.74	4.77	345.385651	192.732151			4
5.14	5.18	5.20	552.541626	371.294309			5
E 5.38	5.41	5.44	28195.41015	58906.111263			6
Height Summation:			**30589.511444**				
Amount Avg CF:			**10000.813315**	Linear:			
Aroclor-1248					5	88.50	
4.55	4.58	4.61	859.964111	308.971066			1
5.01	5.04	5.07	742.467834	248.044401			2
5.62	5.64	5.68	39144.61718	12601.677875			4
5.96	6.00	6.02	23495.88671	14324.733769			5
6.26	6.29	6.32	15083.76562	13001.452925			6
Height Summation:			**79326.701477**				
Amount Avg CF:			**8096.976007**	Linear:			
Aroclor-1254					6	99.44	
4.82	4.85	4.88	2859.070557	1237.040624			1
5.61	5.64	5.67	39144.61718	10204.338284			2
5.96	6.00	6.02	23495.88671	4278.905006			3
6.26	6.29	6.32	15083.76562	3639.660666			4
6.52	6.56	6.58	46608.75	16554.633439			5
E 6.68	6.71	6.74	141303.1718	30474.325984			6
Height Summation:			**268495.261964**				
Amount Avg CF:			**11064.817334**	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 01:03:49
Instrument : CP02--H2601B
Result file : 8P2235B.62R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

%SSR(TCX) : 130.6% Conc.: 13.023996
%SSR(DCB) : 129.3% Conc.: 12.951652

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1016					5	153.04	
3.32	3.37	3.38	9223.530273	2449.828358			1
+ 3.65	3.65	3.71	-416.776672	-73.847472			2
3.65	3.68	3.71	696.634521	123.434688			2
3.84	3.86	3.90	952.600159	223.716521			3
4.08	4.12	4.14	1737.952881	182.232316			4
4.66	4.69	4.72	962.212341	303.029609			6
Height Summation:			**13572.930175**				
Amount Avg CF:			**656.448298**	Linear:			
Aroclor-1221					2	111.28	
3.14	3.18	3.20	441.774078	210.398666			1
E 3.32	3.37	3.38	9223.530273	1764.121007			3
Height Summation:			**9665.304351**				
Amount Avg CF:			**987.259837**	Linear:			
Aroclor-1232					5	103.57	
E 3.32	3.37	3.38	9223.530273	2128.719858			1
+ 3.65	3.65	3.71	-416.776672	-139.127292			2
3.65	3.68	3.71	696.634521	232.548703			2
3.83	3.86	3.89	952.600159	456.095068			3
4.07	4.12	4.13	1737.952881	351.78384			4
4.65	4.69	4.71	962.212341	598.66999			6
Height Summation:			**13572.930175**				
Amount Avg CF:			**753.563492**	Linear:			
Aroclor-1242					5	148.95	
E 3.32	3.37	3.38	9223.530273	2932.573532			1
+ 3.65	3.65	3.71	-416.776672	-93.257406			2
3.65	3.68	3.71	696.634521	155.878034			2
3.84	3.86	3.90	952.600159	276.007985			3
4.08	4.12	4.14	1737.952881	230.808433			4
4.66	4.69	4.72	962.212341	415.24786			6
Height Summation:			**13572.930175**				
Amount Avg CF:			**802.103169**	Linear:			
Aroclor-1248					4	170.29	
4.14	4.17	4.20	918.584167	857.43371			1
4.52	4.54	4.58	1563.946533	316.561197			3
4.66	4.69	4.72	962.212341	273.621005			4
4.87	4.90	4.93	47162.99218	11460.039944			5
Height Summation:			**50607.735229**				
Amount Avg CF:			**3226.913964**	Linear:			
Aroclor-1254					6	123.05	
5.24	5.27	5.30	4523.849121	1590.272165			1
5.32	5.35	5.38	15524.71582	3040.341978			2
5.41	5.46	5.47	54181.19140	5832.575041			3
5.64	5.67	5.70	8088.079102	1236.730901			4
5.94	5.98	6.00	9055.552734	2385.814016			5
6.05	6.08	6.11	145905.7031	18894.176176			6
Height Summation:			**237279.091308**				
Amount Avg CF:			**5496.651713**	Linear:			

Diluted out

ASX05 1127

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:49:54

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **5454447** MSDACF DF100 AMS33MS Sample ID: AC **Batchnumber: 082460004A**
Sample Amount: 30 g Total Volume: 1000 ml Analyst: 2280 SDG: ASX05 State: DE
Analyses: 00042 00514 01216 05108 08899

Analysis Report (A)

Injected on : SEP 05, 2008 01:03:49
Instrument : CP02--H2601A
Result file : 8P2235.62R
Calibration file : 2P2235.CAL
Method file : PESTD.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	21.81	
6.03	6.06	6.09	38010.62890	18034.037274			1
6.14	6.17	6.20	88889.72656	20710.425599			2
6.41	6.44	6.47	132390.0625	26376.957102			3
6.68	6.71	6.74	141303.1718	25953.255045			4
6.77	6.80	6.83	46772.07812	15506.554146			5
+ 6.98	6.99	7.04	2776.097412	844.464423			6
6.98	7.02	7.04	58568.32421	17815.969253			6
Height Summation:			505933.992188				
Amount Avg CF:			20732.866403	Linear:			
Aroclor-1262					6	50.52	
6.03	6.06	6.09	38010.62890	15287.968478			1
6.13	6.17	6.19	88889.72656	22701.570998			2
E 6.40	6.44	6.46	132390.0625	30775.489551			3
E 6.67	6.71	6.73	141303.1718	36398.624218			4
6.76	6.80	6.82	46772.07812	8831.572408			5
+ 6.98	6.99	7.04	2776.097412	632.124509			6
6.98	7.02	7.04	58568.32421	13336.157806			6
Height Summation:			505933.992188				
Amount Avg CF:			21221.897243	Linear:			
Aroclor-1268					6	91.69	
6.76	6.80	6.82	46772.07812	19765.928943			1
7.00	7.02	7.06	58568.32421	20405.943996			2
7.66	7.70	7.72	93064.96093	8297.945538			3
+ 8.01	8.01	8.07	147.406326	15.93101			4
8.01	8.05	8.07	820.014221	88.623436			4
8.14	8.17	8.20	1057.893677	453.653512			5
8.51	8.55	8.57	34118.78906	9223.877027			6
Height Summation:			234402.060243				
Amount Avg CF:			9705.995409	Linear:			

Analysis Report (B)

Injected on : SEP 05, 2008 01:03:49
Instrument : CP02--H2601B
Result file : 8P2235B.62R
Calibration file : 2P2235B.CAL
Method file : PESTDB.MET

Min	R.T.	Max	Heigh	Amount	Pks	%RSD	Peak
Aroclor-1260					6	18.00	
5.43	5.46	5.49	54181.19140	20051.645881			1
5.54	5.57	5.60	143229.8593	19856.566131			2
5.74	5.77	5.80	189548.0312	22541.524911			3
6.06	6.08	6.12	145905.7031	25823.270886			4
6.35	6.38	6.41	109377.5390	17115.378691			5
7.51	7.55	7.57	72878.67968	15805.477992			6
Height Summation:			715121.003907				
Amount Avg CF:			20198.977415	Linear:			
Aroclor-1262					6	97.51	
E 6.05	6.08	6.11	145905.7031	47406.305546			1
6.14	6.18	6.20	42865.94531	16938.187475			2
6.44	6.48	6.50	45487.44531	12334.426664			3
6.88	6.92	6.94	37886.58203	5556.766064			4
7.34	7.38	7.40	32194.52539	11172.846864			5
7.86	7.90	7.92	14615.25976	4472.401193			6
Height Summation:			318955.460939				
Amount Avg CF:			16313.488968	Linear:			
Aroclor-1268					6	158.74	
6.10	6.12	6.16	38249.375	9392.900521			1
6.35	6.38	6.41	109377.5390	21111.20615			2
E 6.60	6.63	6.66	275074.0312	121885.892004			3
6.94	6.98	7.00	205860.6718	12151.271675			4
7.16	7.19	7.22	2474.408447	143.84408			5
7.51	7.55	7.57	72878.67968	9202.913225			6
Height Summation:			703914.705323				
Amount Avg CF:			28981.337943	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1700	330		** 118.70	4	15	
Aroclor-1221			1700	330		** 168.56	3	5	
			1700	520					
Aroclor-1232			1700	330	E	** 189.02	4	10	
Aroclor-1242			1700	330	E	** 170.30	4	30	
Aroclor-1248			1700	330		** 86.01	4	30	
Aroclor-1254			1700	330	E	** 67.24	4	40	
Aroclor-1260			1700	330		2.61	4	40	
Aroclor-1262			1700	330	E	26.15	4	40	
Aroclor-1268			1700	330		** 99.65	4	40	

Units: _____

ASX05 1128

*Peak found within more than one window
+Duplicate Peak in window - not included in average

Printed on: 9/5/08 08:49:54

Sample Name: **5454447MSDACF DF100 ACAMS33MSD MSD 082460004A 00042**
Acquired from CP02–H2601A via port 1 on 9/5/08 01:13:49am 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\8P2235.62R**
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	2.009		0.0000	0.000	92.0	0.003	BB	0.021	73.46	0.006
2	2.100		0.0000	0.000	588.9	0.021	BB	0.033	297.35	0.025
3	2.163		0.0000	0.000	48.0	0.002	BB	0.025	32.09	0.003
4	2.206		0.0000	0.000	67.7	0.002	BB	0.021	53.56	0.005
5	2.302		0.0000	0.000	4802.7	0.175	BB	0.037	2148.19	0.184
6	2.434		0.0000	0.000	368.0	0.013	BB	0.046	134.67	0.012
7	2.536		0.0000	0.000	262.5	0.010	BB	0.049	89.70	0.008
8	2.815		0.0000	0.000	697.2	0.025	BB	0.097	119.67	0.010
9	2.899		0.0000	0.000	975.7	0.035	BB	0.051	320.52	0.027
10	3.032		0.0000	0.000	134.6	0.005	BB	0.037	60.00	0.005
11	3.089		0.0000	0.000	230.8	0.008	BB	0.057	67.36	0.006
12	3.208		0.0000	0.000	228.7	0.008	BB	0.058	65.43	0.006
13	3.353	TCX	240.1298	39.533	2463.2	0.090	BB	0.054	765.71	0.066
14	3.530		0.0000	0.000	338.6	0.012	BB	0.038	149.11	0.013
15	3.759		0.0000	0.000	451.4	0.016	BB	0.031	242.29	0.021
16	3.862		0.0000	0.000	8707.2	0.317	BB	0.033	4385.26	0.376
17	3.974		0.0000	0.000	74.6	0.003	BB	0.024	52.51	0.004
18	4.021		0.0000	0.000	98.5	0.004	BB	0.028	58.20	0.005
19	4.111		0.0000	0.000	2508.1	0.091	BB	0.071	591.90	0.051
20	4.293		0.0000	0.000	851.2	0.031	BB	0.036	393.92	0.034
21	4.492		0.0000	0.000	194.6	0.007	BB	0.036	89.00	0.008
22	4.582		0.0000	0.000	2168.8	0.079	BB	0.042	859.96	0.074
23	4.644		0.0000	0.000	499.4	0.018	BB	0.028	301.68	0.026
24	4.739		0.0000	0.000	677.7	0.025	BB	0.033	345.39	0.030
25	4.850		0.0000	0.000	8621.0	0.314	BB	0.050	2859.07	0.245
26	5.040		0.0000	0.000	1930.5	0.070	BB	0.043	742.47	0.064
27	5.177		0.0000	0.000	1121.5	0.041	BB	0.034	552.54	0.047
28	5.256		0.0000	0.000	485.9	0.018	BB	0.056	143.44	0.012
29	5.363		0.0000	0.000	114.4	0.004	BB	0.023	83.38	0.007
30	5.415		0.0000	0.000	73328.0	2.667	BB	0.043	28195.41	2.414
31	5.583		0.0000	0.000	6204.6	0.226	BB	0.027	3857.03	0.330
32	5.644		0.0000	0.000	96344.6	3.504	BB	0.041	39144.62	3.352
33	5.777		0.0000	0.000	256.9	0.009	BB	0.024	178.07	0.015
34	5.840		0.0000	0.000	4487.9	0.163	BB	0.032	2329.56	0.199
35	5.930		0.0000	0.000	43390.5	1.578	BB	0.041	17588.14	1.506
36	5.995		0.0000	0.000	41142.7	1.496	BB	0.029	23495.89	2.012
37	6.065		0.0000	0.000	115234.8	4.191	BB	0.051	38010.63	3.255
38	6.168		0.0000	0.000	207569.1	7.550	BB	0.039	88889.73	7.612
39	6.290		0.0000	0.000	32547.2	1.184	BB	0.036	15083.77	1.292
40	6.370		0.0000	0.000	31471.1	1.145	BB	0.031	17118.42	1.466
41	6.443		0.0000	0.000	379942.8	13.819	BB	0.048	132390.10	11.336
42	6.559		0.0000	0.000	101696.3	3.699	BB	0.036	46608.75	3.991
43	6.665		0.0000	0.000	8991.5	0.327	BB	0.023	6418.02	0.550
44	6.710		0.0000	0.000	325375.2	11.835	BB	0.038	141303.20	12.100
45	6.799		0.0000	0.000	76870.2	2.796	BB	0.027	46772.08	4.005
46	6.856		0.0000	0.000	55964.8	2.036	BB	0.030	31583.45	2.704
47	6.988		0.0000	0.000	6041.7	0.220	BB	0.036	2776.10	0.238
48	7.017		0.0000	0.000	115076.7	4.186	BB	0.033	58568.32	5.015
49	7.097		0.0000	0.000	45225.1	1.645	BB	0.028	26770.46	2.292
50	7.152		0.0000	0.000	24246.0	0.882	BB	0.026	15349.80	1.314
51	7.279		0.0000	0.000	46543.1	1.693	BB	0.035	22425.37	1.920
52	7.366		0.0000	0.000	439205.1	15.975	BB	0.044	168256.80	14.408
53	7.700		0.0000	0.000	205252.9	7.466	BB	0.037	93064.96	7.969
54	7.795		0.0000	0.000	29630.1	1.078	BB	0.034	14701.95	1.259
55	8.011		0.0000	0.000	254.7	0.009	BB	0.029	147.41	0.013
56	8.048		0.0000	0.000	1716.2	0.062	BB	0.035	820.01	0.070
57	8.167		0.0000	0.000	1990.5	0.072	BB	0.031	1057.89	0.091
58	8.212		0.0000	0.000	32634.3	1.187	BB	0.038	14256.96	1.221
59	8.552		0.0000	0.000	94597.0	3.441	BB	0.046	34118.79	2.922
60	8.654		0.0000	0.000	3120.7	0.114	BB	0.033	1564.99	0.134
61	8.774		0.0000	0.000	417.8	0.015	BB	0.067	103.59	0.009
62	8.937		0.0000	0.000	186.4	0.007	BB	0.042	74.32	0.006

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PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	9.035		0.0000	0.000	19902.1	0.724	BB	0.050	6636.00	0.568
64	9.430	DCB	367.2837	60.467	2420.9	0.088	BB	0.048	839.72	0.072
65	9.589		0.0000	0.000	7286.8	0.265	BB	0.054	2267.33	0.194
66	9.854		0.0000	0.000	120.7	0.004	BB	0.033	60.07	0.005
67	9.926		0.0000	0.000	32839.7	1.194	BB	0.061	8926.24	0.764

Total Area = 2749331.0, Total Amount = 607.414, Total Height = 1167832.0, Sample Units = ug/l

ASX05: 1138

Sample Name: **5454447MSDACF DF100 ACAMS33MSD MSD 082460004A 00042**
Acquired from CP02--H2601B via port 2 on 9/5/08 01:13:49am 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\8P2235B.62R**
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	6.7	0.000	BB	0.000	234.13	0.012
2	2.059		0.0000	0.000	11879.4	0.281	BB	0.049	4042.09	0.213
3	2.283		0.0000	0.000	497.6	0.012	BB	0.022	374.83	0.020
4	2.394		0.0000	0.000	711.4	0.017	BB	0.026	450.53	0.024
5	2.477		0.0000	0.000	85.6	0.002	BB	0.004	335.06	0.018
6	2.494		0.0000	0.000	106.7	0.003	BB	0.013	139.12	0.007
7	2.508		0.0000	0.000	159.2	0.004	BB	0.009	295.25	0.016
8	2.566		0.0000	0.000	486.3	0.012	BB	0.026	313.34	0.017
9	2.607		0.0000	0.000	148.6	0.004	BB	0.013	192.80	0.010
10	2.625		0.0000	0.000	232.5	0.006	BB	0.016	239.58	0.013
11	2.670		0.0000	0.000	739.4	0.018	BB	0.028	432.47	0.023
12	2.736		0.0000	0.000	735.6	0.017	BB	0.031	395.37	0.021
13	2.794		0.0000	0.000	494.1	0.012	BB	0.026	318.27	0.017
14	2.893		0.0000	0.000	342.3	0.008	BB	0.018	318.03	0.017
15	2.926	TCX	390.7199	50.139	6526.6	0.155	BB	0.052	2081.49	0.110
16	3.121		0.0000	0.000	1140.3	0.027	BB	0.037	516.30	0.027
17	3.175		0.0000	0.000	951.1	0.023	BB	0.036	441.77	0.023
18	3.366		0.0000	0.000	20041.5	0.475	BB	0.036	9223.53	0.486
19	3.561		0.0000	0.000	796.7	0.019	BB	0.043	307.01	0.016
20	3.653		0.0000	0.000	7.0	0.000	BB	0.000	416.78	0.022
21	3.680		0.0000	0.000	1286.5	0.030	BB	0.031	696.63	0.037
22	3.809		0.0000	0.000	89.1	0.002	BB	0.006	238.37	0.013
23	3.861		0.0000	0.000	3709.7	0.088	BB	0.065	952.60	0.050
24	3.994		0.0000	0.000	285.8	0.007	BB	0.019	248.01	0.013
25	4.025		0.0000	0.000	196.2	0.005	BB	0.013	251.57	0.013
26	4.116		0.0000	0.000	3543.3	0.084	BB	0.034	1737.95	0.092
27	4.169		0.0000	0.000	1675.9	0.040	BB	0.030	918.58	0.048
28	4.288		0.0000	0.000	585.5	0.014	BB	0.020	479.77	0.025
29	4.343		0.0000	0.000	14789.3	0.350	BB	0.051	4861.70	0.256
30	4.513		0.0000	0.000	150.1	0.004	BB	0.014	179.64	0.009
31	4.545		0.0000	0.000	4545.6	0.108	BB	0.048	1563.95	0.082
32	4.692		0.0000	0.000	1703.0	0.040	BB	0.029	962.21	0.051
33	4.753		0.0000	0.000	546.0	0.013	BB	0.021	438.19	0.023
34	4.816		0.0000	0.000	162.5	0.004	BB	0.011	244.79	0.013
35	4.843		0.0000	0.000	388.8	0.009	BB	0.061	106.14	0.006
36	4.860		0.0000	0.000	140.9	0.003	BB	0.012	199.65	0.011
37	4.897		0.0000	0.000	107838.3	2.554	BB	0.038	47162.99	2.488
38	4.993		0.0000	0.000	10048.1	0.238	BB	0.024	6869.19	0.362
39	5.049		0.0000	0.000	164385.4	3.893	BB	0.043	63526.37	3.351
40	5.210		0.0000	0.000	144.6	0.003	BB	0.010	237.75	0.013
41	5.227		0.0000	0.000	257.2	0.006	BB	0.017	253.43	0.013
42	5.266		0.0000	0.000	9367.8	0.222	BB	0.035	4523.85	0.239
43	5.349		0.0000	0.000	25561.2	0.605	BB	0.027	15524.72	0.819
44	5.456		0.0000	0.000	129327.0	3.063	BB	0.040	54181.19	2.858
45	5.495		0.0000	0.000	18307.4	0.434	BB	0.024	12462.76	0.657
46	5.572		0.0000	0.000	325694.7	7.713	BB	0.038	143229.90	7.554
47	5.670		0.0000	0.000	9319.5	0.221	BB	0.019	8088.08	0.427
48	5.705		0.0000	0.000	41857.2	0.991	BB	0.026	27315.97	1.441
49	5.766		0.0000	0.000	454791.8	10.770	BB	0.040	189548.00	9.997
50	5.909		0.0000	0.000	339856.3	8.049	BB	0.037	153512.60	8.097
51	5.978		0.0000	0.000	11649.4	0.276	BB	0.021	9055.55	0.478
52	6.034		0.0000	0.000	38978.6	0.923	BB	0.023	28193.24	1.487
53	6.085		0.0000	0.000	238757.8	5.654	BB	0.027	145905.70	7.696
54	6.122		0.0000	0.000	44996.0	1.066	BB	0.020	38249.38	2.017
55	6.177		0.0000	0.000	66193.0	1.568	BB	0.026	42865.95	2.261
56	6.314		0.0000	0.000	40413.5	0.957	BB	0.036	18746.87	0.989
57	6.382		0.0000	0.000	279831.0	6.627	BB	0.043	109377.50	5.769
58	6.479		0.0000	0.000	72226.7	1.710	BB	0.026	45487.45	2.399
59	6.522		0.0000	0.000	19865.8	0.470	BB	0.019	17115.82	0.903
60	6.559		0.0000	0.000	12867.0	0.305	BB	0.018	12219.61	0.645
61	6.633		0.0000	0.000	702279.1	16.631	BB	0.043	275074.00	14.508
62	6.920		0.0000	0.000	62137.5	1.472	BB	0.027	37886.58	1.998

ASX05 1131

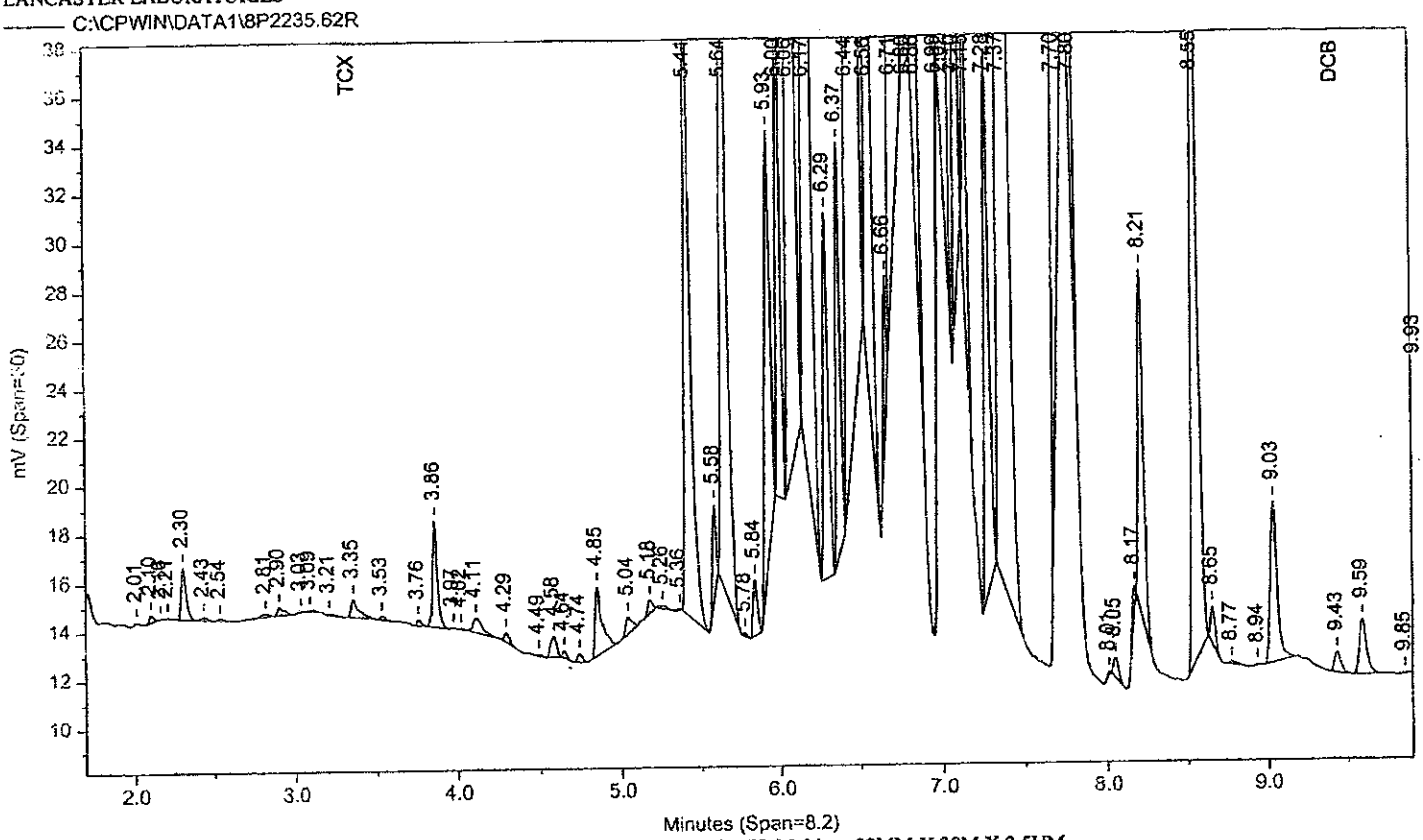
PK#	Ret Time	Name	Amount	Amount%	Area	Area%	Type	Width	Height	Height%
63	6.980		0.0000	0.000	507403.4	12.016	BB	0.041	205860.70	10.858
64	7.194		0.0000	0.000	4632.0	0.110	BB	0.031	2474.41	0.131
65	7.258		0.0000	0.000	19341.8	0.458	BB	0.041	7772.87	0.410
66	7.376		0.0000	0.000	75099.0	1.779	BB	0.039	32194.53	1.698
67	7.545		0.0000	0.000	195926.2	4.640	BB	0.045	72878.68	3.844
68	7.725		0.0000	0.000	103.2	0.002	BB	0.011	162.70	0.009
69	7.759		0.0000	0.000	477.8	0.011	BB	0.047	170.95	0.009
70	7.860		0.0000	0.000	35.3	0.001	BB	0.007	79.33	0.004
71	7.902		0.0000	0.000	37919.7	0.898	BB	0.043	14615.26	0.771
72	8.060		0.0000	0.000	657.2	0.016	BB	0.030	360.93	0.019
73	8.176		0.0000	0.000	97.2	0.002	BB	0.011	149.80	0.008
74	8.194		0.0000	0.000	21.9	0.001	BB	0.003	113.98	0.006
75	8.223	DCB	388.5496	49.861	3826.9	0.091	BB	0.036	1787.05	0.094
76	8.292		0.0000	0.000	397.0	0.009	BB	0.031	214.84	0.011
77	8.367		0.0000	0.000	259.0	0.006	BB	0.015	285.80	0.015
78	8.444		0.0000	0.000	645.7	0.015	BB	0.042	258.36	0.014
79	8.527		0.0000	0.000	66.0	0.002	BB	0.005	241.52	0.013
80	8.543		0.0000	0.000	106.6	0.003	BB	0.008	228.40	0.012
81	8.598		0.0000	0.000	16069.8	0.381	BB	0.054	4969.16	0.262
82	8.787		0.0000	0.000	218.2	0.005	BB	0.012	301.19	0.016
83	8.834		0.0000	0.000	342.6	0.008	BB	0.021	273.82	0.014
84	8.919		0.0000	0.000	882.8	0.021	BB	0.045	329.35	0.017
85	8.977		0.0000	0.000	2781.6	0.066	BB	0.097	479.23	0.025
86	9.137		0.0000	0.000	947.6	0.022	BB	0.038	419.80	0.022
87	9.253		0.0000	0.000	1515.1	0.036	BB	0.055	459.71	0.024
88	9.380		0.0000	0.000	415.7	0.010	BB	0.037	188.23	0.010
89	9.446		0.0000	0.000	145.3	0.003	BB	0.008	291.52	0.015
90	9.510		0.0000	0.000	698.7	0.017	BB	0.022	520.12	0.027
91	9.594		0.0000	0.000	1448.5	0.034	BB	0.065	371.26	0.020
92	9.710		0.0000	0.000	5378.0	0.127	BB	0.203	441.66	0.023
93	9.960		0.0000	0.000	37891.8	0.897	BB	0.103	6138.92	0.324

Total Area = 4222591.0, Total Amount = 779.269, Total Height = 1895962.0, Sample Units = ug/l

ASX05 1132

LANCASTER LABORATORIES

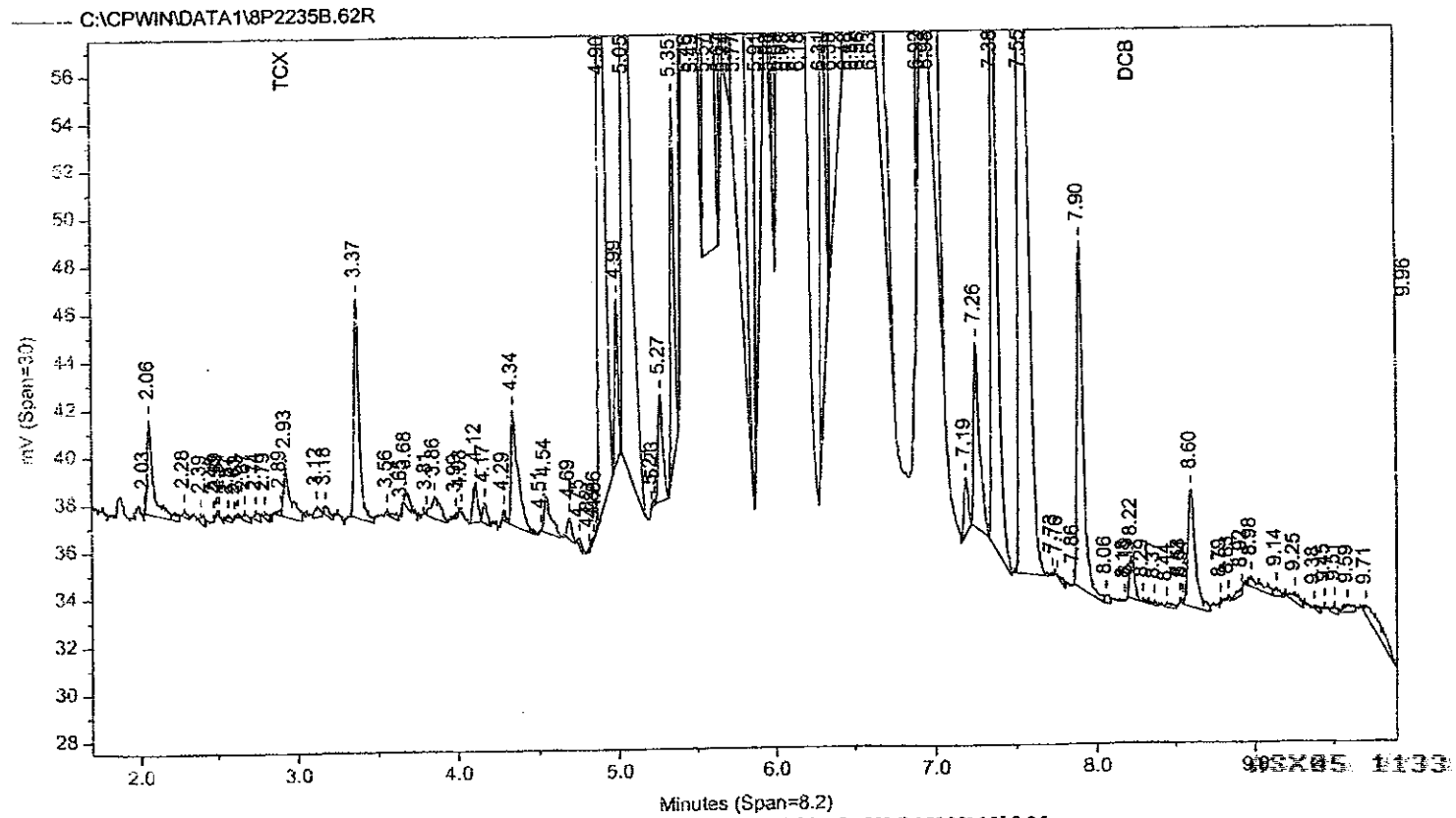
File: C:\CPWIN\DATA1\8P2235.62R



Instrument ID: CP02--H2601A Injected On: 9/5/2008 1:03:49 AM

Column ID: ZB Multires .32MM X 30M X 0.5UM

File: C:\CPWIN\DATA1\8P2235B.62R



Instrument ID: CP02--H2601B Injected On: 9/5/2008 1:03:49 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: 1000

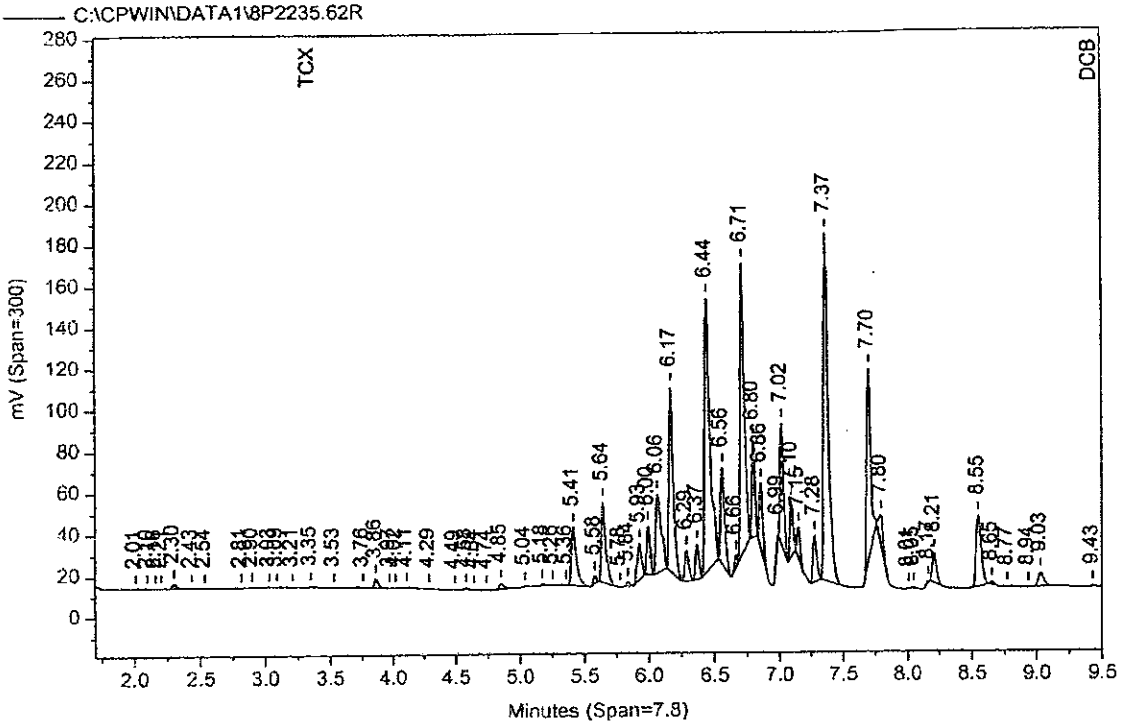
RT A	Height A	Amount A	Compound A
3.353	766	8.00433	TCX
9.43	840	12.24279	DCB

RT B	Height B	Amount B	Compound B
2.926	2081	13.024	TCX
8.223	1787	12.95165	DCB

Files:
Area File: C:\CPWIN\DATA1\8P2235.62A
Area File: C:\CPWIN\DATA1\8P2235B.62A
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 1:13:52 AM
File Reported On: 9/5/2008 at 1:13:59 AM

10X REPLOTS

C:\CPWIN\DATA1\8P2235.62R



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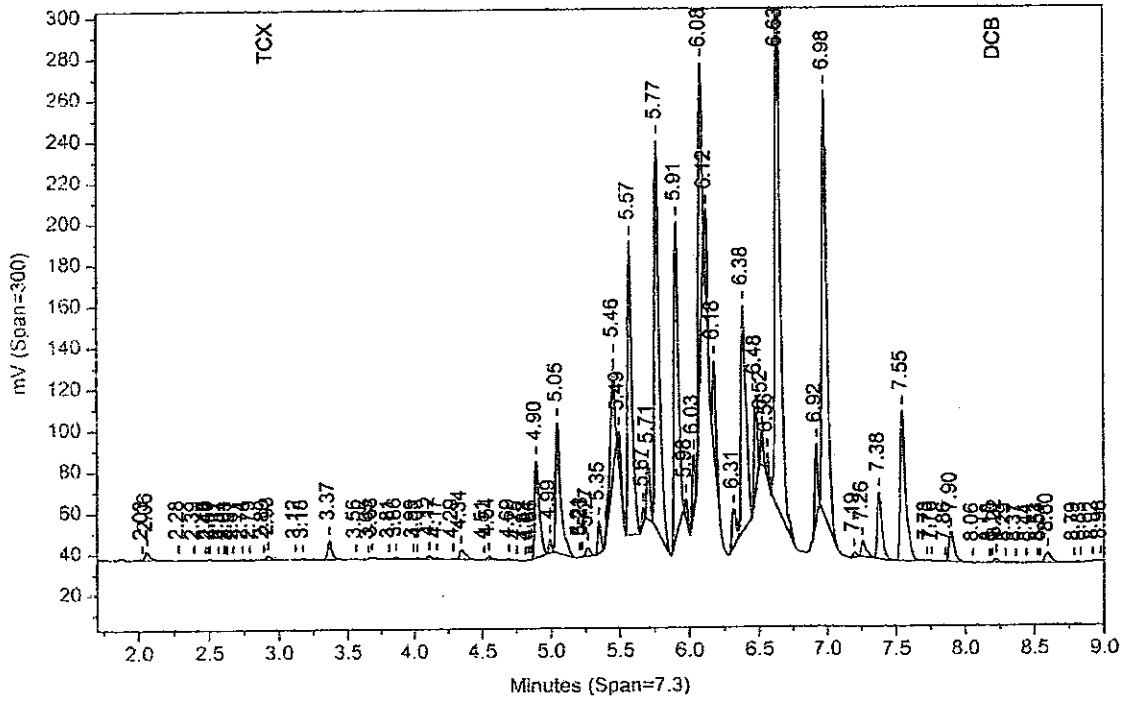

ASX05 1135

Extraction/Distillation/Digestion Logs

Organic Extraction Batchlog

082460004A

Reviewed By: [illegible] Start Date: 9/2/08 Start Time: 18:00

Tech 1: [illegible] 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	PBLK0T	30	SS0823124A	1.0			10.0	NA			
LCSA	LCSCZ	30	SS0823124A		MS0821724B	1.0					
5454446MS	AMS33MS	30	SS0823124A		MS0821724B					21A	
5454447MSD	AMS33MSD	30	SS0823124A		MS0821724B					21A	

Solvent Used	Lot No.
1:1 Mecl2/Acetone	1850820008A
Filter paper	0113748 18
Hexane	629E48
Sodium Sulfate	08246A

Spike Solutions: **Witness:** N.A.

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	5452929	S2DU2	30	SS0823124A	1.0	10.0	NA		36A	Dry, fine, stones	1216	9/9/2008	P
2	5454430	AMS19	30	SS0823124A					36A		1216	9/10/2008	N
3	5454431	AMS20	30	SS0823124A							1216	9/10/2008	N
4	5454432	AMS21	30	SS0823124A							1216	9/10/2008	N
5	5454433	AMS22	30	SS0823124A							1216	9/10/2008	N
6	5454434	AMS23	30	SS0823124A							1216	9/10/2008	N
7	5454435	AMS43	30	SS0823124A						Moist, dumpy	1216	9/10/2008	N
8	5454436	AMS24	30	SS0823124A						Dry fine, stones	1216	9/10/2008	N
9	5454437	AMS25	30	SS0823124A							1216	9/10/2008	N
10	5454438	AMS26	30	SS0823124A							1216	9/10/2008	N
11	5454439	AMS27	30	SS0823124A							1216	9/10/2008	N
12	5454440	AMS31	30	SS0823124A							1216	9/10/2008	N
13	5454441	AMS30	30	SS0823124A							1216	9/10/2008	N
14	5454442	AMS29	30	SS0823124A							1216	9/10/2008	N
15	5454443	AMS28	30	SS0823124A							1216	9/10/2008	N
16	5454444	AMS32	30	SS0823124A							1216	9/10/2008	N
17	5454445 bkg	AMS33	30	SS0823124A					21A		1216	9/10/2008	N
18	5454448	AMS34	30	SS0823124A					36A		1216	9/10/2008	N
19	5454449	AMS2-	30	SS0823124A					36A		1216	9/10/2008	N
20	5455229	COMPR	30	SS0823124A					21A		1216	9/11/2008	P

Rack ID:		Work Station:	Sch 3
Internal Standard		Balance #	2410

S-bath ID	2	96 °C	S-bath ID	°C	N-Evap	°C	M-vap	°C

082460004A

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

BATCH NO. 082460004A

Verified:
Start Date: 9/2/08
Start Time: 1130
Tech 1: SL
Tech 2:

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	10.0	10.0				
2	LCSA						
3	5454446MS						1216
4	5454447MSD						1216
5	5452929						1216
6	5454430						1216
7	5454431						1216
8	5454432						1216
9	5454433						1216
10	5454434						1216
11	5454435						1216
12	5454436						1216
13	5454437						1216
14	5454438						1216
15	5454439						1216
16	5454440						1216
17	5454441						1216
18	5454442						1216
19	5454443						1216
20	5454444						1216
21	5454445						1216
22	5454448						1216
23	5454449						1216
24	5455229						1216

SL 9/2/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		H2SO4	081658

ASX05 1130

Prep-Process Worksheet

Florisil

Prep Analysis # 00819 Solid Sample Pesticide Extract

Prep Group # 101 PCB soils

BATCH NO. 082460004A

Verified: [illegible]
Start Date: 9/3/08
Start Time: 12:01
Tech 1: SLA-502
Tech 2:

Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1 BLANKA	2.0	2.0				
2 LCSA						
3 5454446MS						1216
4 5454447MSD						1216
5 5452929						1216
6 5454430						1216
7 5454431						1216
8 5454432						1216
9 5454433						1216
10 5454434						1216
11 5454435						1216
12 5454436						1216
13 5454437						1216
14 5454438						1216
15 5454439						1216
16 5454440						1216
17 5454441						1216
18 5454442						1216
19 5454443						1216
20 5454444						1216
21 5454445						1216
22 5454448						1216
23 5454449						1216
24 5455229						1216

SLA 9/3/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
Florisil	84443		
S-Evap/bath °C		S-Evap/bath °C	N-Evap °C

The documented temperatures are NIST corrected.

ASX05 1139

Prep-Process Worksheet
Copper

Prep Analysis # 00819 Solid Sample Pesticide Extract

Prep Group # 101 PCB soils

Verified: [illegible]
Start Date: 9/3/08
Start Time: 12:15
Tech 1: SLA 304
Tech 2:

BATCH NO. 082460004A

	Sample #	Aliquot (ml)	Final Volume (ml)	D.F. Aliq.	D.F. F.V.	Comments	Analyses
1	BLANKA	1,0	1,0				
2	LCSA						
3	5454446MS						1216
4	5454447MSD						1216
5	5452929						1216
6	5454430						1216
7	5454431						1216
8	5454432						1216
9	5454433						1216
10	5454434						1216
11	5454435						1216
12	5454436						1216
13	5454437						1216
14	5454438						1216
15	5454439						1216
16	5454440						1216
17	5454441						1216
18	5454442						1216
19	5454443						1216
20	5454444						1216
21	5454445						1216
22	5454448						1216
23	5454449						1216
24	5455229						1216

SLA 9/3/08

Additional Comment:

DF = Dilution Factor FV = Final Volume

page 1 of 1

Solvent Used	Lot No.	Solvent Used	Lot No.
		Copper	7030 10AP

ASX05 1140

MA EPH Data

ASX05 1141

Case Narrative Conformance/Nonconformance Summary

aSX05 1142

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX05

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
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 recovery for LCSCH is 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.

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.

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Lancaster Laboratories

No further interpretation is needed.

Narrative reviewed and approved by:

Dana Kauffman, Manager Data Deliverables — **Date** 10/1/08

ASX85 1144

QC Summary

2F
SOIL SURROGATE RECOVERY

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No: SDG No.: ASX05

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
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

ASX05 1146

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.

ASX05 1147

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 Arc	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.

6SX85 1148

4C

METHOD BLANK SUMMARY

SAMPLE CODE NO.

PBLK0A

Lab Name: Lancaster Laboratories Contract:

Lab Code: Case No.: SAS No.: SDG No.: ASX05

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	AMS33	5454445	9/19/2008	
02	AMS33	5454445	9/19/2008	
03	AMS33MS	5454446	9/19/2008	
04	AMS33MS	5454446	9/19/2008	
05	AMS33MSD	5454447	9/19/2008	
06	AMS33MSD	5454447	9/19/2008	
07	PBLK0A	BLANKA	9/19/2008	
08	PBLK0A	BLANKA	9/19/2008	
09	LCSCH	LCSA	9/19/2008	
10	LCSCH	LCSA	9/19/2008	
11	LCSDF0	LCSDA	9/19/2008	
12	LCSDF0	LCSDA	9/19/2008	

ASX05 1149

COMMENTS:

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

ASX05 1150

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

ASX05 11151

FORM I

Sample Data

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

aSX05 1153

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

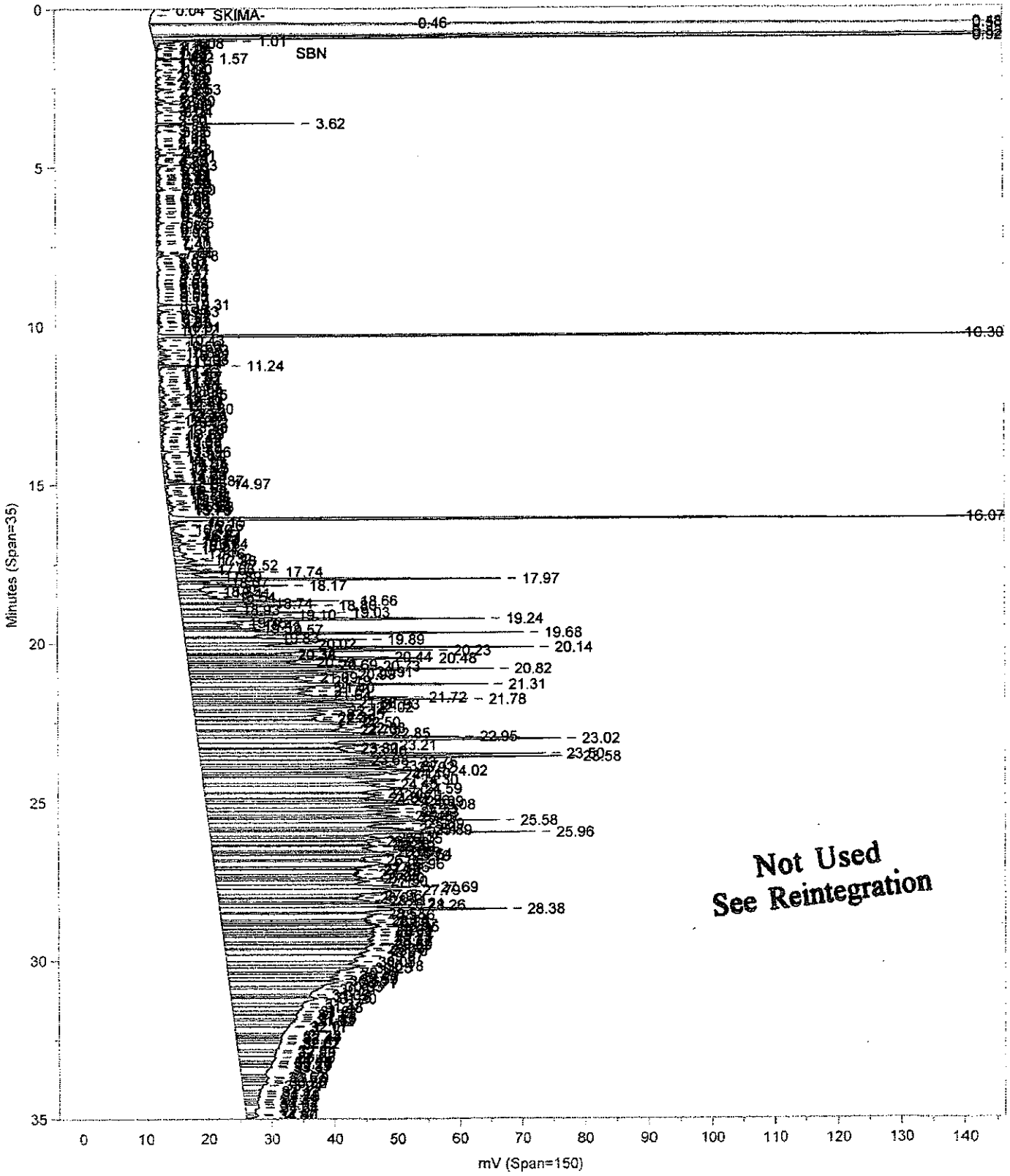
Reviewed by: [illegible] Date: 9/23/08
Verified by: [illegible] Date: 9/24/08

ASX05 1154

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

0SX05 1155

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

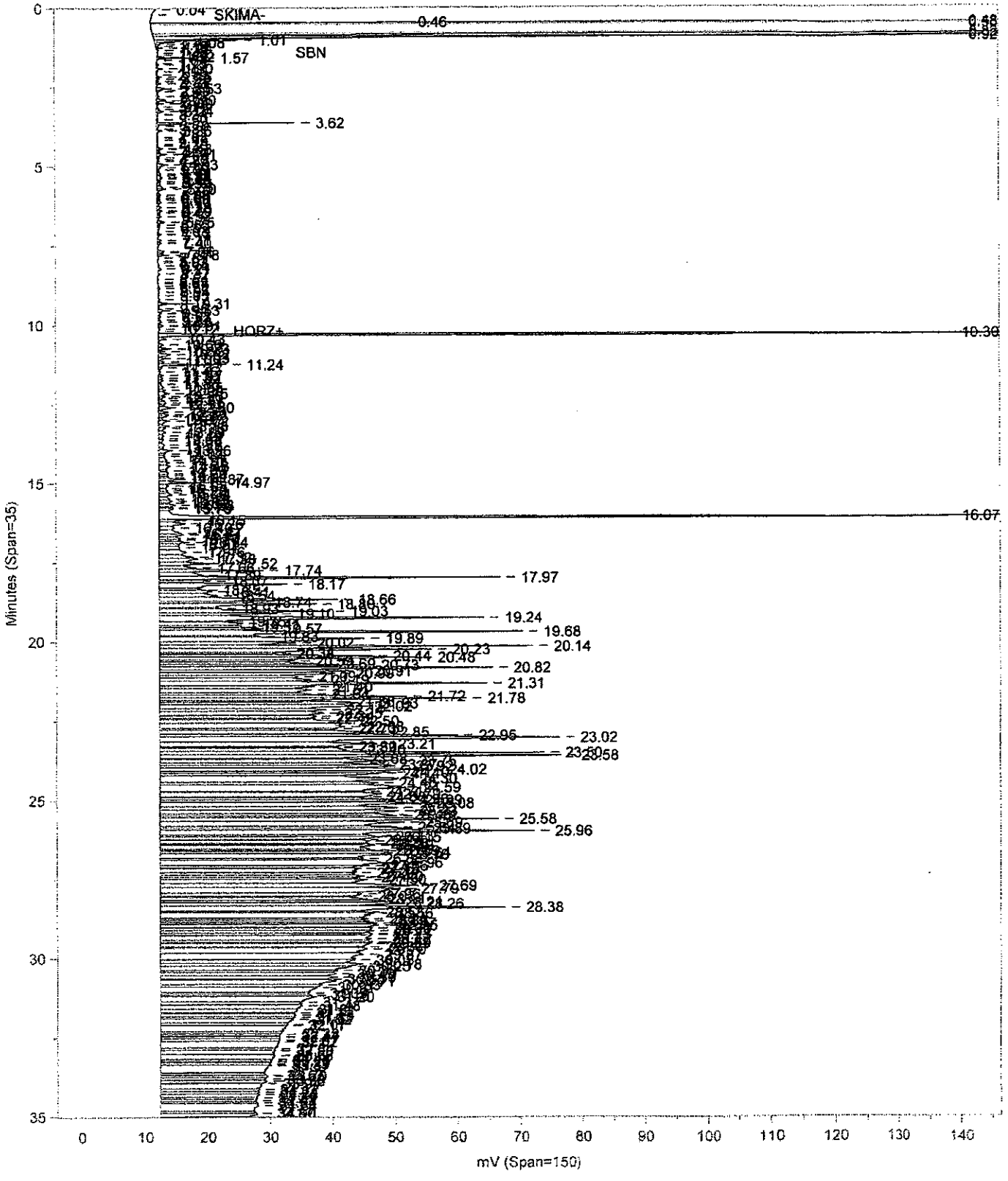
Not Used
See Reintegration

ASX05 1156

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

ASX85 1157

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*

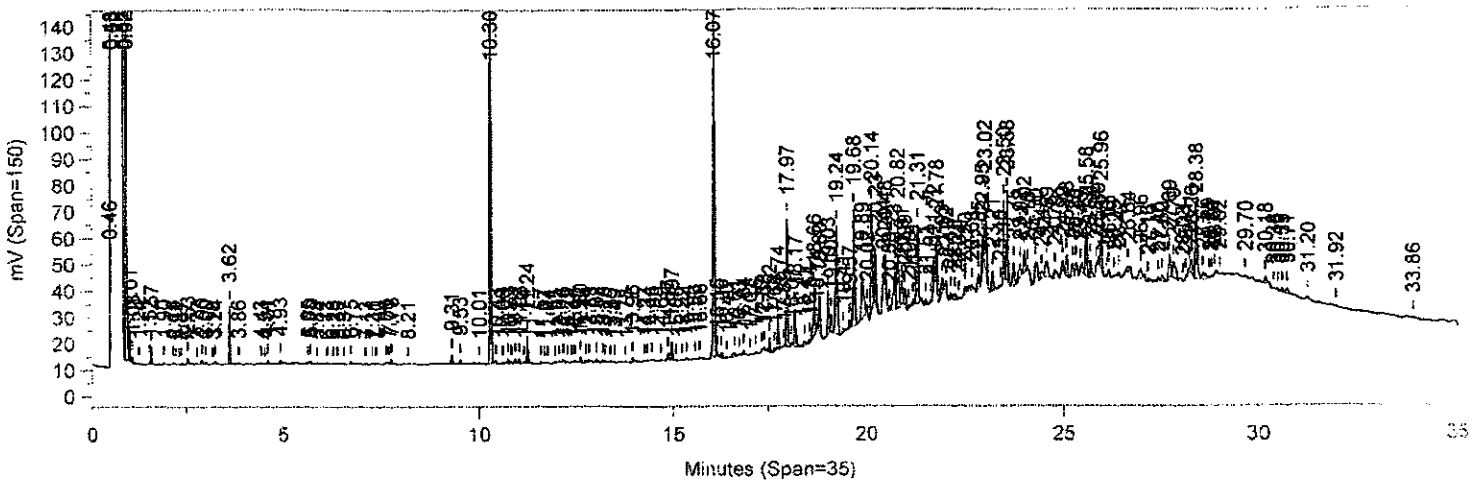
* Needs to have surr. amt. (from replot) subtracted!

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 [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

ASX05 1150

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

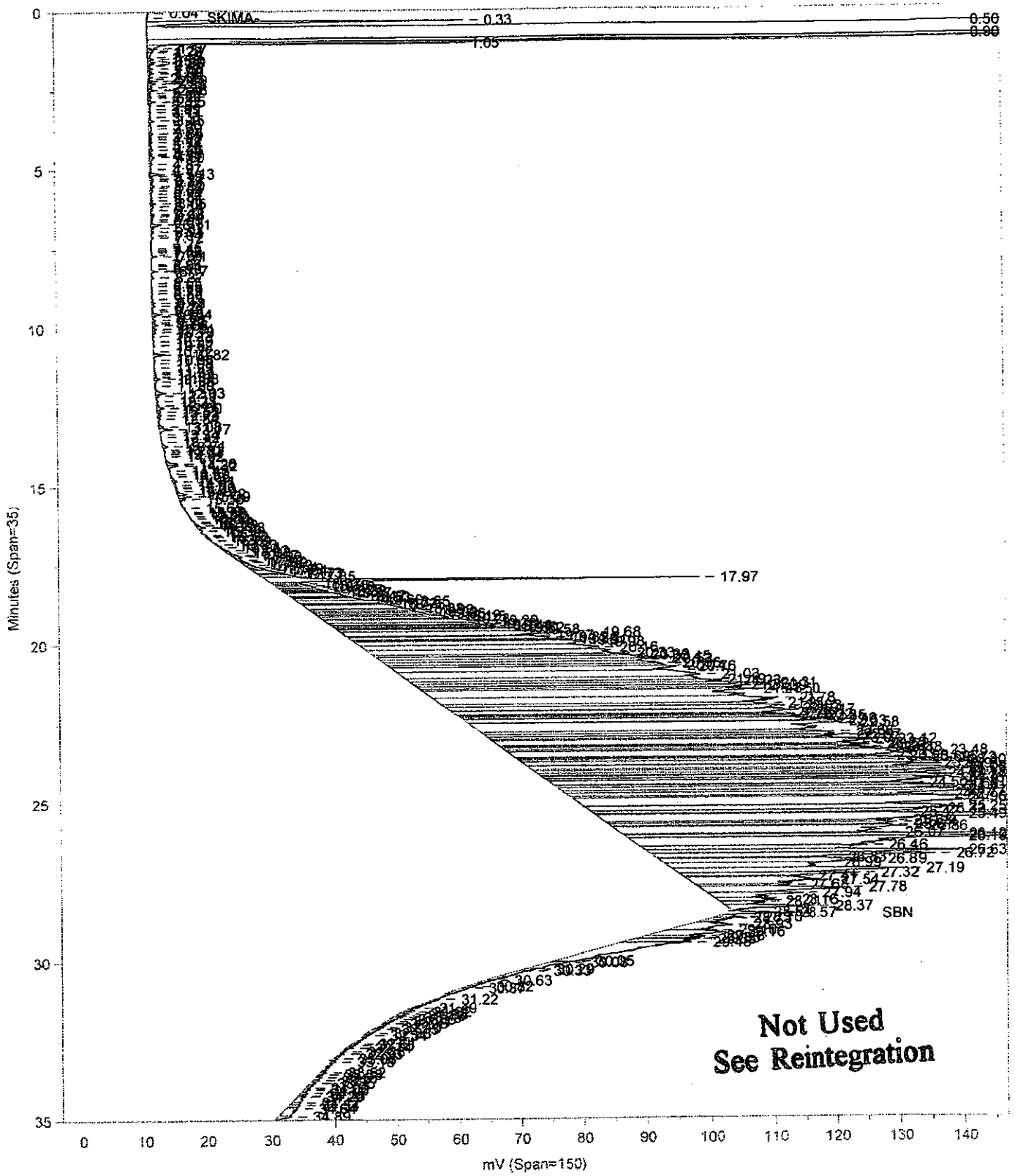
FILES:
Area File: C:\CPWIN\DATA1\P262.33A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 1:18:12 PM
File reported on: 9/19/2008 at 1:18:11 PM

ASX05 1159

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

ASX05 1168

Sample Amount: 10

Dilution Factor: 1

C:\CPWIN\DATA1\P262.34R

Printed on 9/19/2008 2:08:05 PM

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 area= 25299410.0
Total slice amount %= 100.0 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

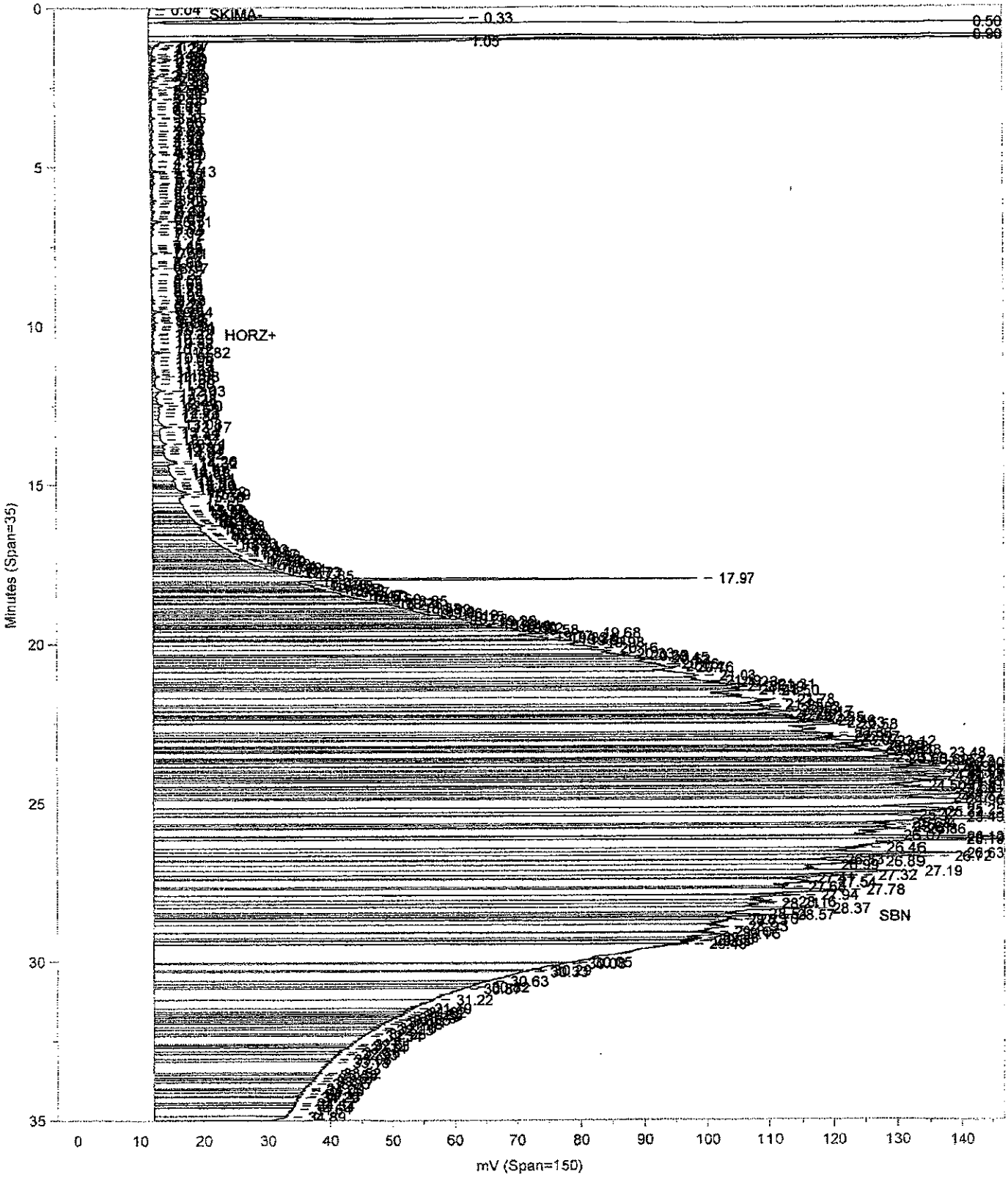
Not Used
See Reintegration

ASX05 1161

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

ASX05 1162

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*

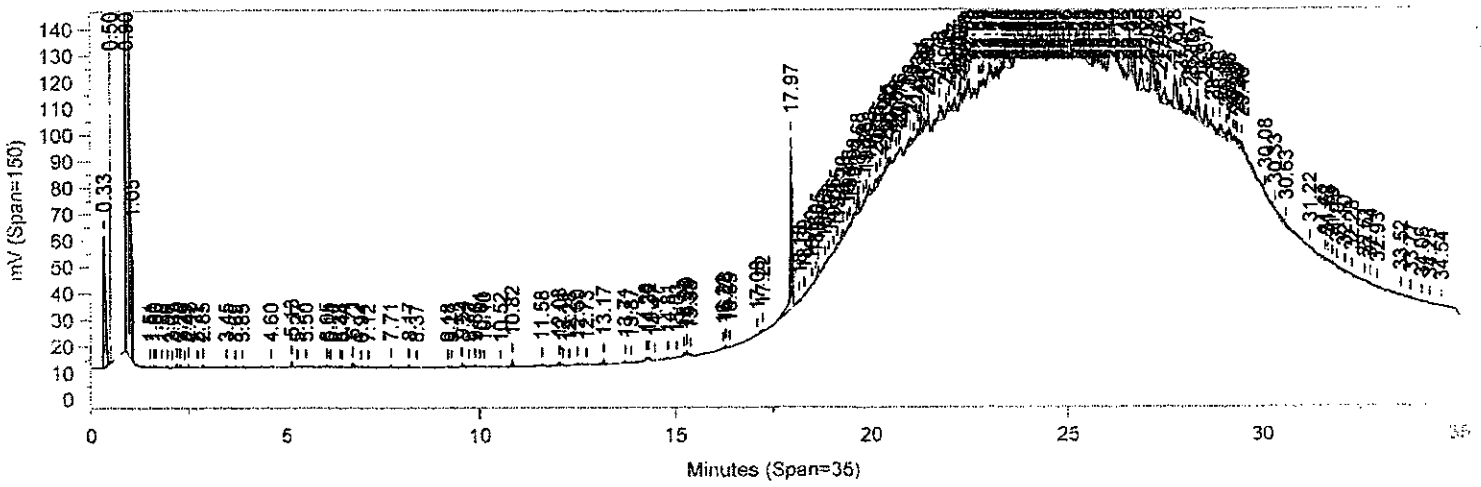
* Needs to have surr. amt. (from replot) subtracted!

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 9/25
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX85: 1163

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

08X05 1164

Standards Data

ASX05 1165

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

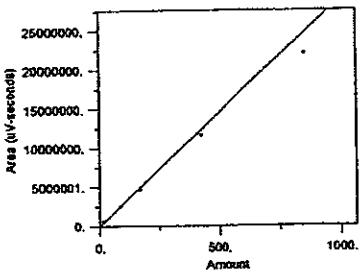
KAL from P242.13R-17R

RCB/375
9-2-08

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



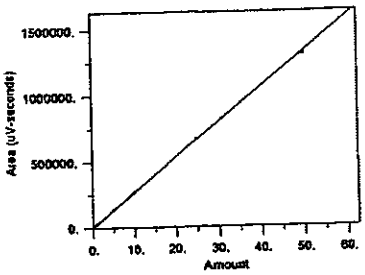
Calibration formula: Y = 29024.96 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9767, Average error = 8.63%
Average CF = 29024.9600 with RSD = 12.45%

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

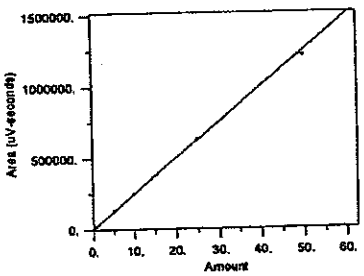
ASX05 1166



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

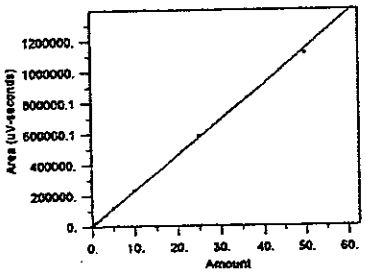


Calibration formula: Y = 24898.09 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.13%
Average CF = 24898.0900 with RSD = 1.63%

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

4SX05 1167

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

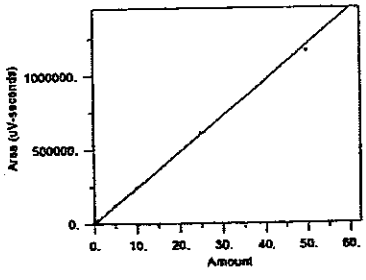


Calibration formula: Y = 22918.75 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.72%
Average CF = 22918.7500 with RSD = 2.09%

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



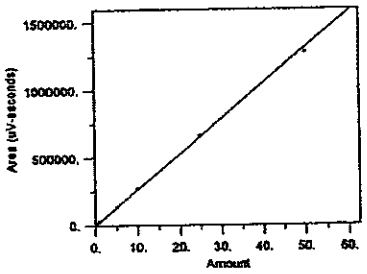
Calibration formula: Y = 24033.46 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.60%
Average CF = 24033.4600 with RSD = 2.19%

ASX05 1168

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

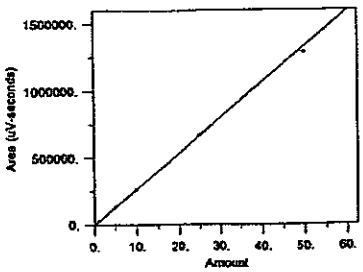
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25994.6	25994.61	Manual	9/2/2008 2:40:18
2	5.000	134121.8	26824.36	Manual	9/2/2008 10:44:3
3	10.000	265193.1	26519.31	Manual	9/2/2008 10:44:3
4	25.000	664653.0	26586.12	Manual	9/2/2008 10:44:3
5	50.000	1279016.0	25580.32	Manual	9/2/2008 10:44:3



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

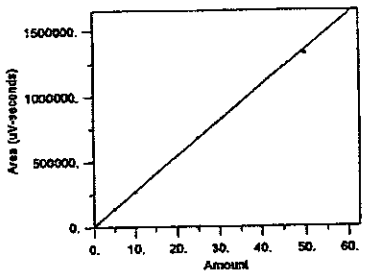


ASX85 1169

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

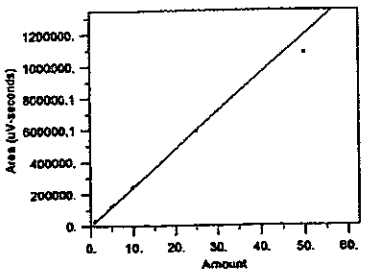


Calibration formula: Y = 27064.53 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 1.38%
Average CF = 27064.5300 with RSD = 1.71%

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

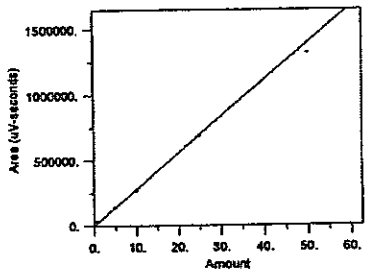
aSX85 1170



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

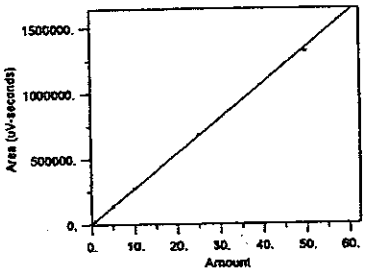


Calibration formula: Y = 27828.26 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9950, Average error = 3.55%
Average CF = 27828.2600 with RSD = 5.03%

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

ASX05 1171

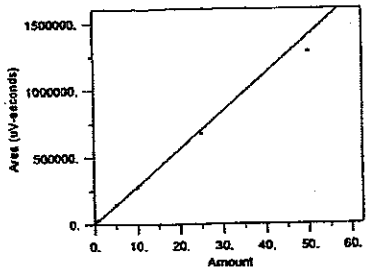
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26752.1	26752.14	Manual	9/2/2008 2:40:18
2	5.000	136113.9	27222.78	Manual	9/2/2008 10:44:3
3	10.000	269188.4	26918.84	Manual	9/2/2008 10:44:3
4	25.000	681652.3	27266.09	Manual	9/2/2008 10:44:3
5	50.000	1314196.0	26283.92	Manual	9/2/2008 10:44:3



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



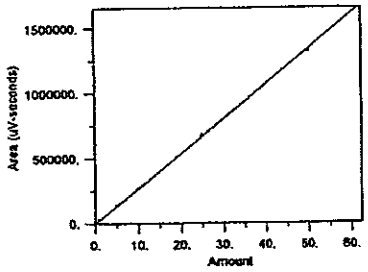
Calibration formula: Y = 28085.86 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9851, Average error = 6.65%
Average CF = 28085.8600 with RSD = 9.74%

ASX05 1172

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

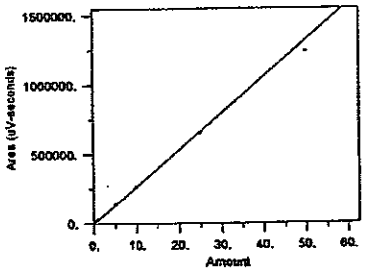
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26173.9	26173.87	Manual	9/2/2008 2:40:18
2	5.000	135165.0	27033	Manual	9/2/2008 10:44:3
3	10.000	268304.6	26830.46	Manual	9/2/2008 10:44:3
4	25.000	677789.1	27111.56	Manual	9/2/2008 10:44:3
5	50.000	1321276.0	26425.52	Manual	9/2/2008 10:44:3



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

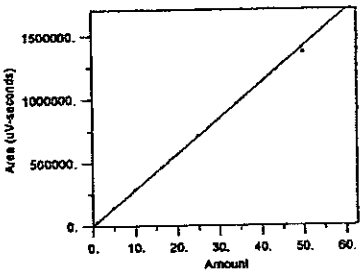


ASX05 1173

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

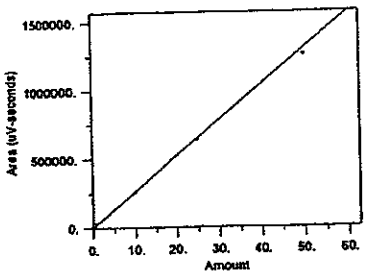


Calibration formula: Y = 28230.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9981, Average error = 2.13%
Average CF = 28230.1900 with RSD = 2.69%

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

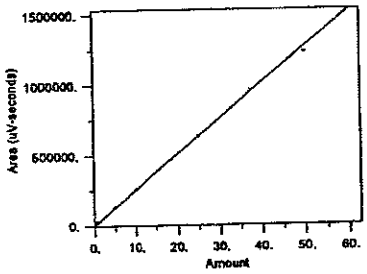
ASX85 1174



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

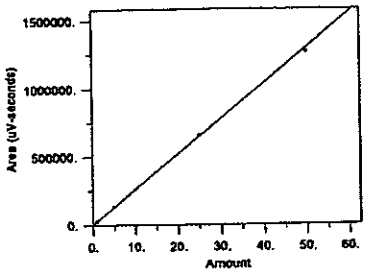


Calibration formula: Y = 25380.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9982, Average error = 1.33%
Average CF = 25380.7000 with RSD = 2.01%

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

ASX05 1175

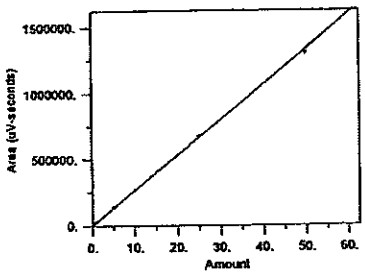
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25589.3	25589.29	Manual	9/2/2008 2:40:18
2	5.000	132430.9	26486.18	Manual	9/2/2008 10:44:3
3	10.000	259368.4	25936.84	Manual	9/2/2008 10:44:3
4	25.000	653392.6	26135.71	Manual	9/2/2008 10:44:3
5	50.000	1265376.0	25307.52	Manual	9/2/2008 10:44:3



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



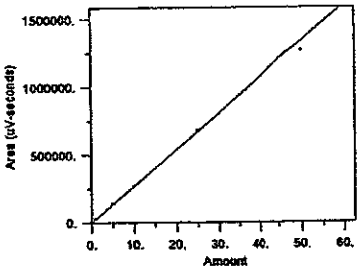
Calibration formula: Y = 26583.6 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 26583.6000 with RSD = 1.81%

ASX85 1176

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%

ASX85 1177

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

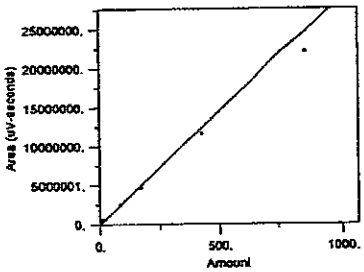
ALB/375 9-11-08

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

✓ TWC/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



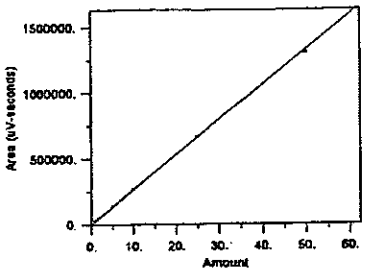
Calibration formula: Y = 29024.96 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9767, Average error = 8.63%
Average CF = 29024.9600 with RSD = 12.45%

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

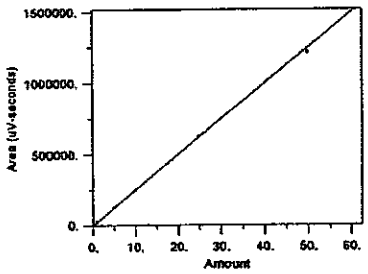
ASX05 1170



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

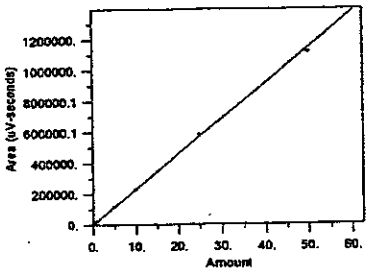


Calibration formula: Y = 24898.09 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9988, Average error = 1.13%
Average CF = 24898.0900 with RSD = 1.63%

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

ASX85 1179

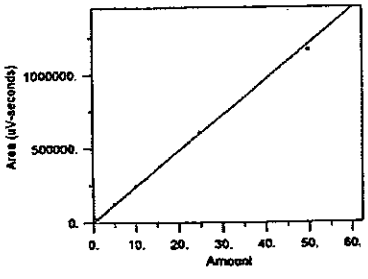
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	22497.6	22497.59	Manual	9/2/2008 2:40:18
2	5.000	117300.3	23460.06	Manual	9/2/2008 10:44:3
3	10.000	230197.5	23019.75	Manual	9/2/2008 10:44:3
4	25.000	581505.5	23260.22	Manual	9/2/2008 10:44:3
5	50.000	1117806.0	22356.12	Manual	9/2/2008 10:44:3



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



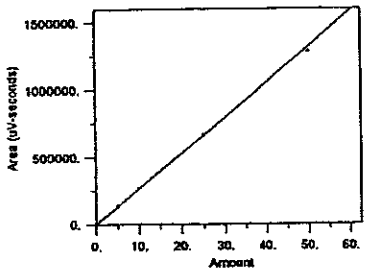
Calibration formula: Y = 24033.46 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9980, Average error = 1.60%
Average CF = 24033.4600 with RSD = 2.19%

ASX85 1198

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

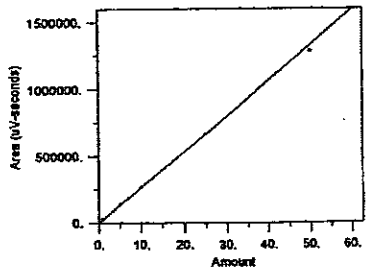
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25994.6	25994.61	Manual	9/2/2008 2:40:18
2	5.000	134121.8	26824.36	Manual	9/2/2008 10:44:3
3	10.000	265193.1	26519.31	Manual	9/2/2008 10:44:3
4	25.000	664653.0	26586.12	Manual	9/2/2008 10:44:3
5	50.000	1279016.0	25580.32	Manual	9/2/2008 10:44:3



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

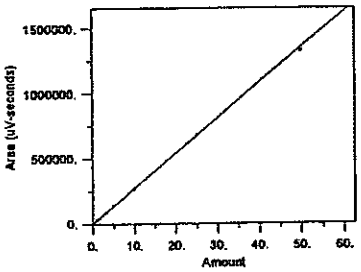


ASX85 1101

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

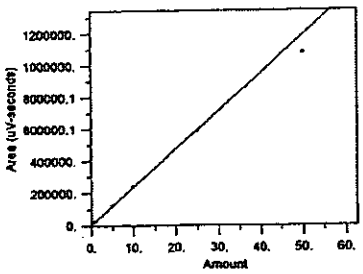


Calibration formula: Y = 27064.53 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 1.38%
Average CF = 27064.5300 with RSD = 1.71%

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

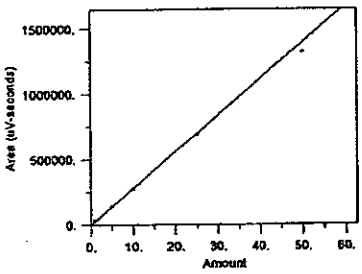
ASX85 1182



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

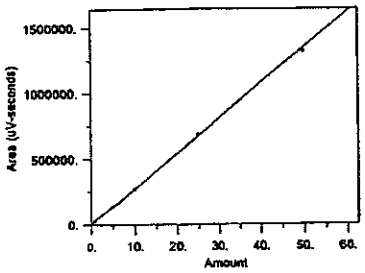


Calibration formula: Y = 27828.26 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9950, Average error = 3.55%
Average CF = 27828.2600 with RSD = 5.03%

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

ASX85 1183

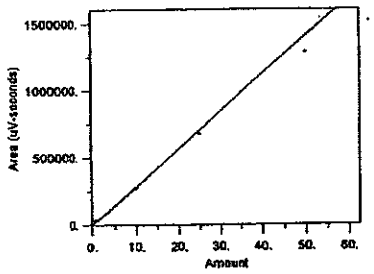
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26752.1	26752.14	Manual	9/2/2008 2:40:18
2	5.000	136113.9	27222.78	Manual	9/2/2008 10:44:3
3	10.000	269188.4	26918.84	Manual	9/2/2008 10:44:3
4	25.000	681652.3	27266.09	Manual	9/2/2008 10:44:3
5	50.000	1314196.0	26283.92	Manual	9/2/2008 10:44:3



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



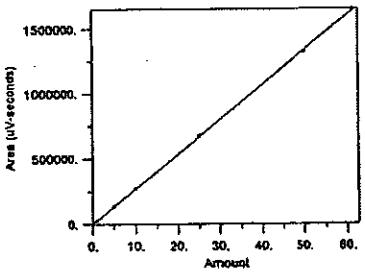
Calibration formula: Y = 28085.86 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9851, Average error = 6.65%
Average CF = 28085.8600 with RSD = 9.74%

ASX05 1184

13 Benzo(a)anthracene

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

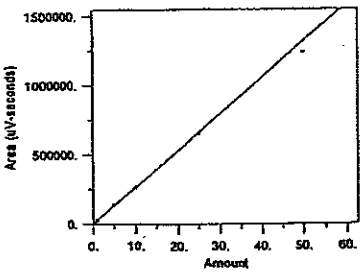
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	26173.9	26173.87	Manual	9/2/2008 2:40:18
2	5.000	135165.0	27033	Manual	9/2/2008 10:44:3
3	10.000	268304.6	26830.46	Manual	9/2/2008 10:44:3
4	25.000	677789.1	27111.56	Manual	9/2/2008 10:44:3
5	50.000	1321276.0	26425.52	Manual	9/2/2008 10:44:3



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

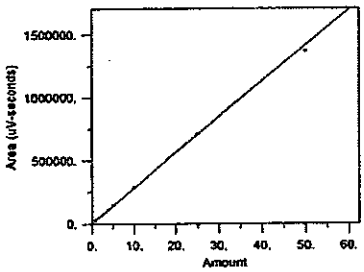


ASX05 1185

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

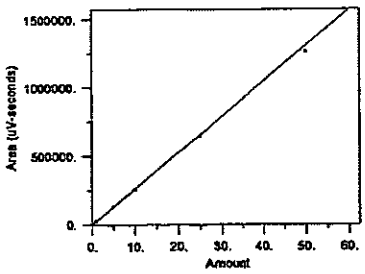


Calibration formula: Y = 28230.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9981, Average error = 2.13%
Average CF = 28230.1900 with RSD = 2.69%

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

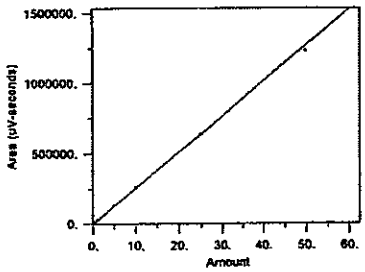
ASX85 1106



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

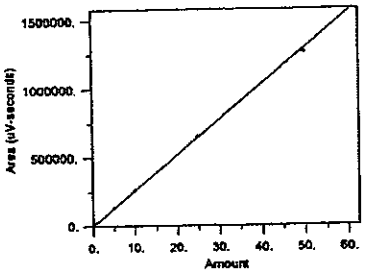


Calibration formula: Y = 25380.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9982, Average error = 1.33%
Average CF = 25380.7000 with RSD = 2.01%

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

ASX05 1187

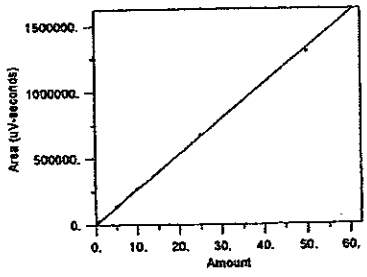
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25589.3	25589.29	Manual	9/2/2008 2:40:18
2	5.000	132430.9	26486.18	Manual	9/2/2008 10:44:3
3	10.000	259368.4	25936.84	Manual	9/2/2008 10:44:3
4	25.000	653392.6	26135.71	Manual	9/2/2008 10:44:3
5	50.000	1265376.0	25307.52	Manual	9/2/2008 10:44:3



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



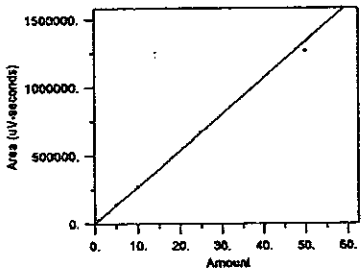
Calibration formula: Y = 26583.6 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9991, Average error = 1.37%
Average CF = 26583.6000 with RSD = 1.81%

ASX05: 1180

20 Benzo(ghi)perylene

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%

4SX05 1109

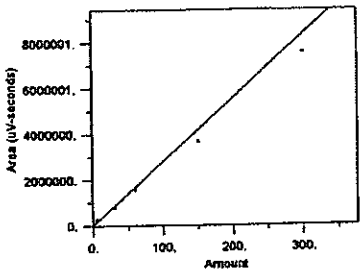
Calibration File Name: **C:\CPWIN\DATA1\MAPP242A.CAL** Version = 9
External standard calibration
No injection volume correction
No sample weight correction
Area reject threshold = 0
Reference peak area reject threshold = 0
Amount units =
17 components with 5 levels each

ICAL from P242.19-23R
MCA/375 8 9-2-08
③MCA/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



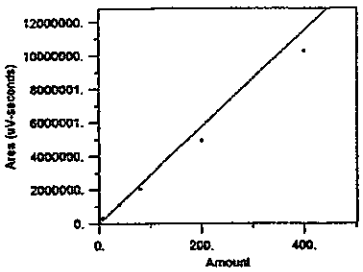
Calibration formula: Y = 27734.68 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9738, Average error = 14.00%
Average CF = 27734.6800 with RSD = 19.75%

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

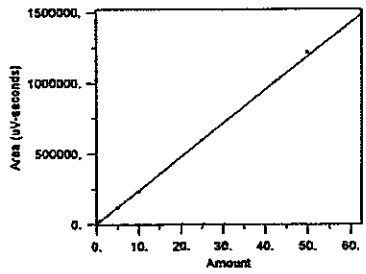
ASX05 1190



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

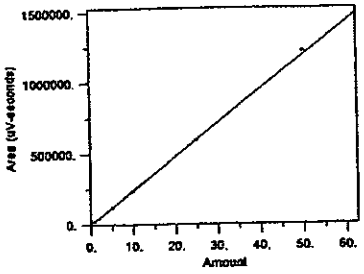


Calibration formula: Y = 23763.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9990, Average error = 1.54%
Average CF = 23763.2800 with RSD = 1.91%

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

ASX05 1191

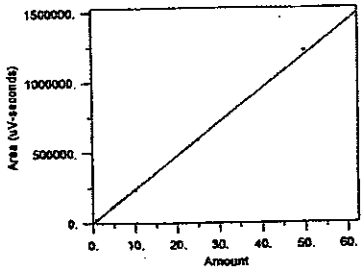
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23965.2	23965.24	Manual	9/2/2008 10:40:0
2	5.000	117980.1	23596.02	Manual	9/2/2008 10:40:0
3	10.000	232904.0	23290.4	Manual	9/2/2008 10:40:0
4	25.000	591483.1	23659.32	Manual	9/2/2008 10:40:0
5	50.000	1223179.0	24463.58	Manual	9/2/2008 10:40:0



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



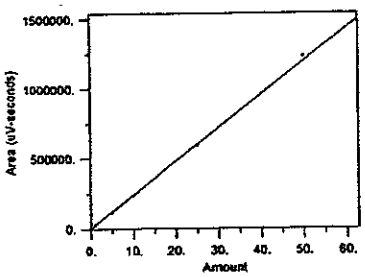
Calibration formula: Y = 23829.48 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.46%
Average CF = 23829.4800 with RSD = 1.85%

ASX05 1192

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

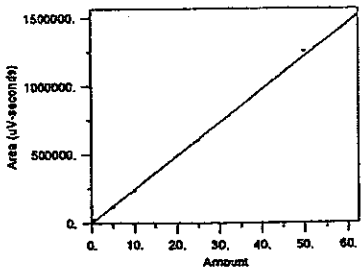
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24294.7	24294.73	Manual	9/2/2008 10:40:0
2	5.000	118145.1	23629.02	Manual	9/2/2008 10:40:0
3	10.000	234041.3	23404.13	Manual	9/2/2008 10:40:0
4	25.000	591099.3	23643.97	Manual	9/2/2008 10:40:0
5	50.000	1232721.0	24654.42	Manual	9/2/2008 10:40:0



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

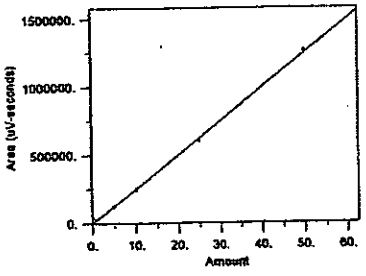


ASX05-1193

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

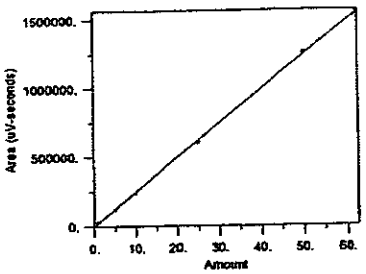


Calibration formula: Y = 24816.3 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 3.14%
Average CF = 24816.3000 with RSD = 3.91%

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

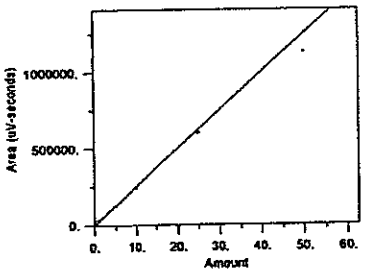
ASX05 1194



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

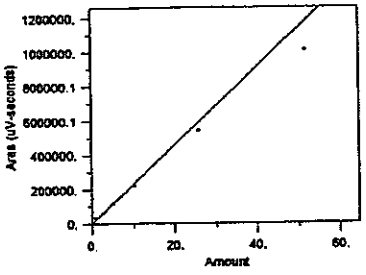


Calibration formula: Y = 24994.7 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9809, Average error = 7.12%
Average CF = 24994.7000 with RSD = 10.44%

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

ASX05 1195

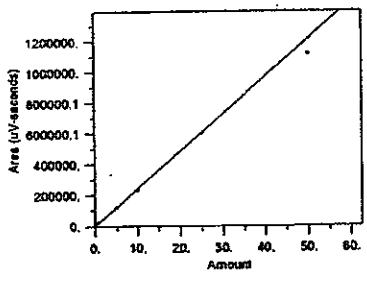
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.033	30850.2	29864.62	Manual	9/2/2008 10:40:0
2	5.166	113519.4	21974.33	Manual	9/2/2008 10:40:0
3	10.331	220695.9	21362.49	Manual	9/2/2008 10:40:0
4	25.827	540863.1	20941.77	Manual	9/2/2008 10:40:0
5	51.655	1008609.0	19525.88	Manual	9/2/2008 10:40:0



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



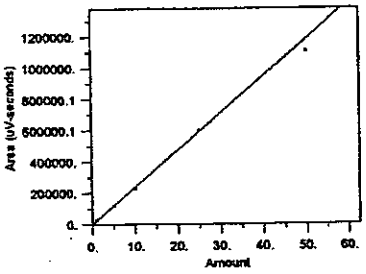
Calibration formula: Y = 24212.73 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9886, Average error = 5.10%
Average CF = 24212.7300 with RSD = 7.65%

ASX05 1196

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

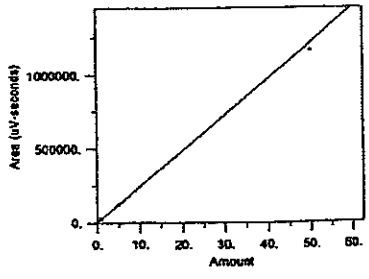
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25631.8	25631.8	Manual	9/2/2008 10:40:0
2	5.000	118206.3	23641.26	Manual	9/2/2008 10:40:0
3	10.000	228038.4	22803.84	Manual	9/2/2008 10:40:0
4	25.000	595916.5	23836.66	Manual	9/2/2008 10:40:0
5	50.000	1104149.0	22082.98	Manual	9/2/2008 10:40:0



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

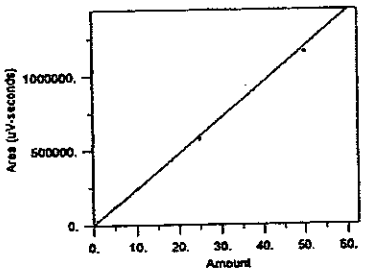


ASX85 1197

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

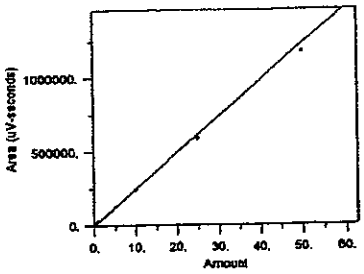


Calibration formula: Y = 23868.08 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.87%
Average CF = 23868.0800 with RSD = 4.02%

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

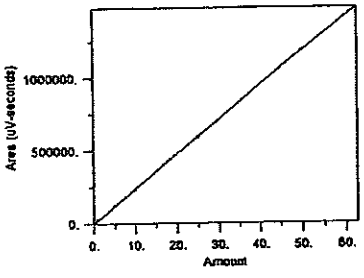
ASX85 1198



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%

ASX05 1199

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

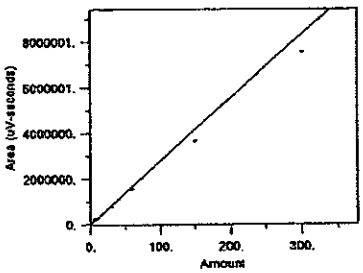
RCB/375 9-11-08

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 9/9 9-11-08



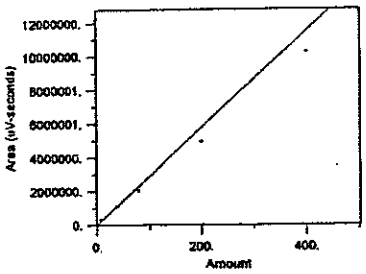
Calibration formula: Y = 27734.68 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9738, Average error = 14.00%
Average CF = 27734.6800 with RSD = 19.75%

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

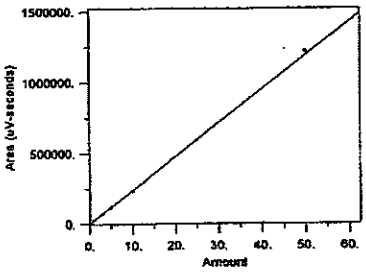
ASX85 1200



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

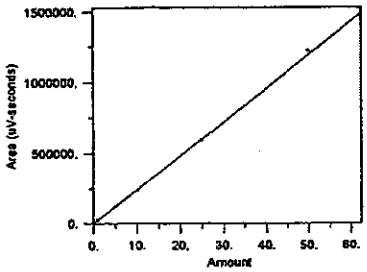


Calibration formula: Y = 23763.28 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9990, Average error = 1.54%
Average CF = 23763.2800 with RSD = 1.91%

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

ASX05 1281

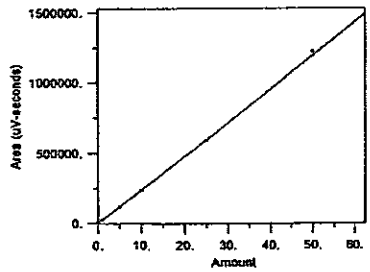
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	23965.2	23965.24	Manual	9/2/2008 10:42:0
2	5.000	117980.1	23596.02	Manual	9/2/2008 10:42:0
3	10.000	232904.0	23290.4	Manual	9/2/2008 10:42:0
4	25.000	591483.1	23659.32	Manual	9/2/2008 10:42:0
5	50.000	1223179.0	24463.58	Manual	9/2/2008 10:42:0



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



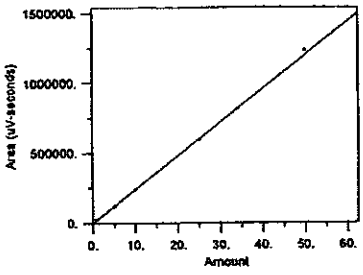
Calibration formula: Y = 23829.48 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9989, Average error = 1.46%
Average CF = 23829.4800 with RSD = 1.85%

ASX05 1282

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

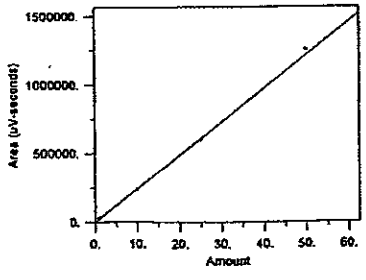
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	24294.7	24294.73	Manual	9/2/2008 10:42:0
2	5.000	118145.1	23629.02	Manual	9/2/2008 10:42:0
3	10.000	234041.3	23404.13	Manual	9/2/2008 10:42:0
4	25.000	591099.3	23643.97	Manual	9/2/2008 10:42:0
5	50.000	1232721.0	24654.42	Manual	9/2/2008 10:42:0



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

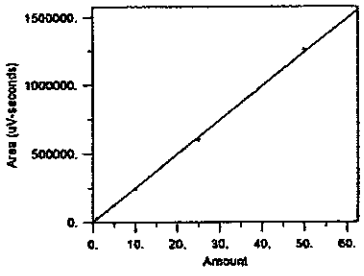


Calibration formula: Y = 24275.19 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9983, Average error = 2.20%
Average CF = 24275.1900 with RSD = 2.56%

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



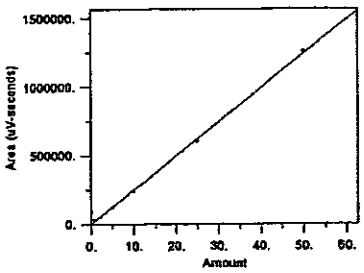
Calibration formula: Y = 24816.3 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9992, Average error = 3.14%
Average CF = 24816.3000 with RSD = 3.91%

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

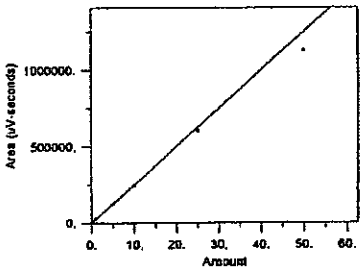
ASX85 1284



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

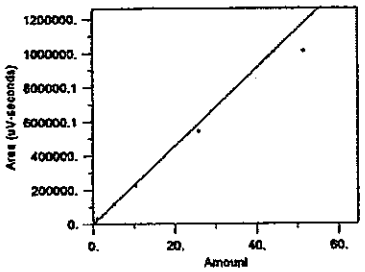
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	29445.1	29445.1	Manual	9/2/2008 10:42:0
2	5.000	122903.6	24580.72	Manual	9/2/2008 10:42:0
3	10.000	243357.8	24335.78	Manual	9/2/2008 10:42:0
4	25.000	601186.0	24047.44	Manual	9/2/2008 10:42:0
5	50.000	1128222.0	22564.44	Manual	9/2/2008 10:42:0



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

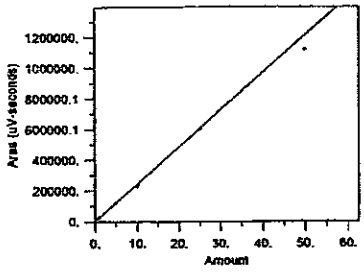
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.033	30850.2	29864.62	Manual	9/2/2008 10:42:0
2	5.166	113519.4	21974.33	Manual	9/2/2008 10:42:0
3	10.331	220695.9	21362.49	Manual	9/2/2008 10:42:0
4	25.827	540863.1	20941.77	Manual	9/2/2008 10:42:0
5	51.655	1008609.0	19525.88	Manual	9/2/2008 10:42:0



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

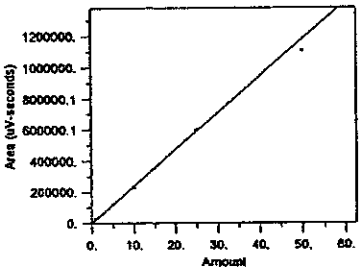


Calibration formula: Y = 24212.73 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9886, Average error = 5.10%
Average CF = 24212.7300 with RSD = 7.65%

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

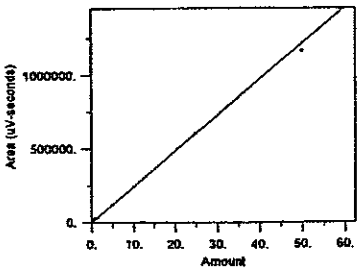
Level	Amount	Area	Area/Amt	Source	Date and time
1	1.000	25631.8	25631.8	Manual	9/2/2008 10:42:0
2	5.000	118206.3	23641.26	Manual	9/2/2008 10:42:0
3	10.000	228038.4	22803.84	Manual	9/2/2008 10:42:0
4	25.000	595916.5	23836.66	Manual	9/2/2008 10:42:0
5	50.000	1104149.0	22082.98	Manual	9/2/2008 10:42:0



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

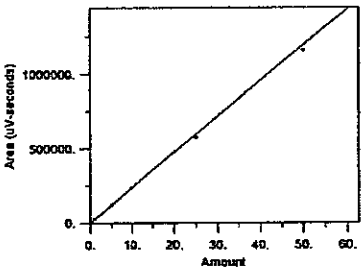


ASX85 1287

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

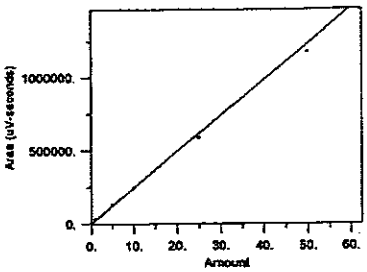


Calibration formula: Y = 23868.08 X
Fit type = Avg CF with equal weighting, forced to origin
Coefficient of determination = 0.9977, Average error = 2.87%
Average CF = 23868.0800 with RSD = 4.02%

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

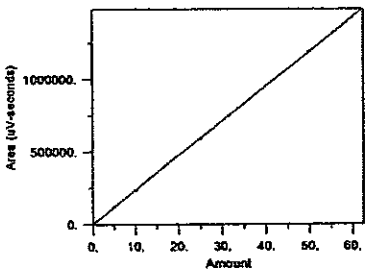
ASX05 1208



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%

aSX05 1289

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

ASX05 1210

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%

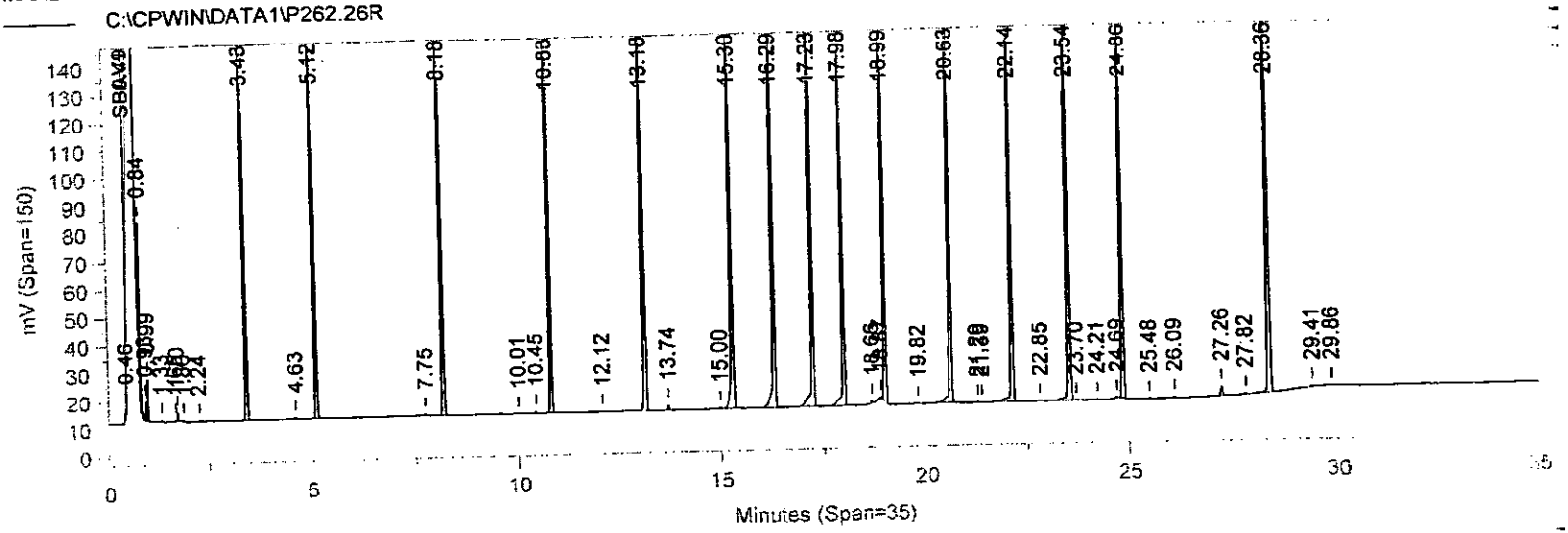
Unadjusted Aliphatics AREA (C19- C36) = 5457992
Unadjusted Aliphatics AMOUNT (C19- C36) = 190.4025 PPM* - 22.60 = 167.80 / 200 × 100 = 83.90%

* 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

ASX05 1211

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

ASX05 1212

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 **********

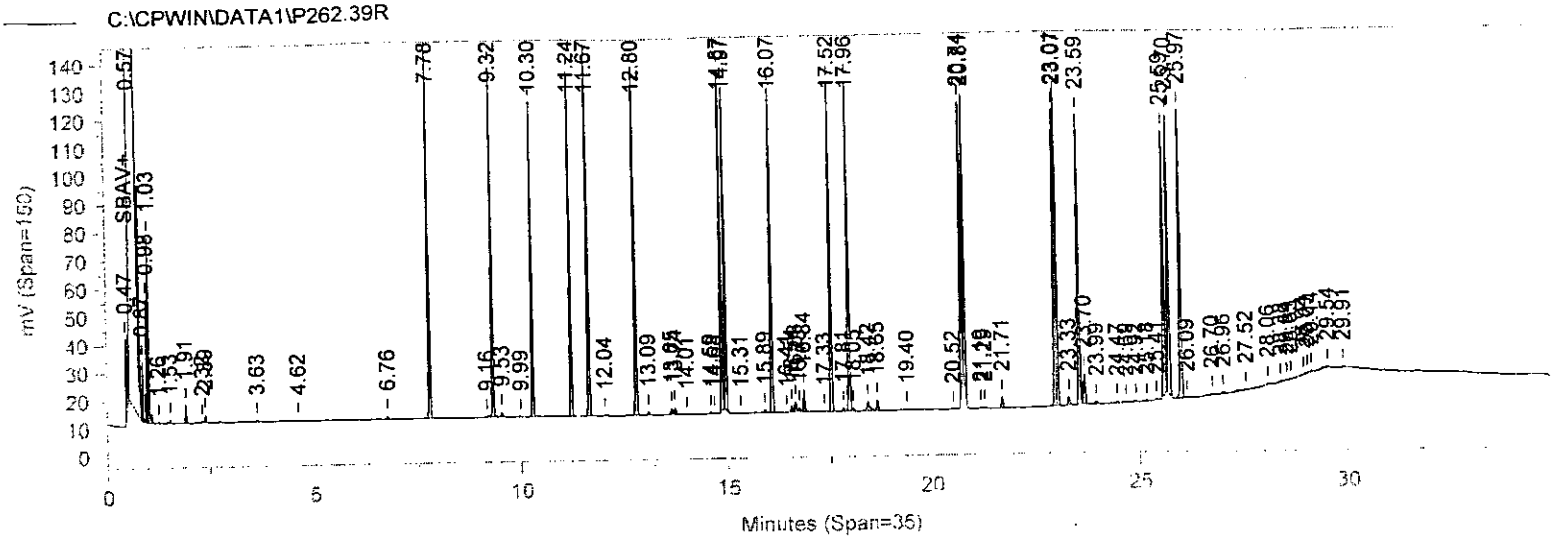
Unadjusted Aromatics AREA (C11- C22) = 5374421
Unadjusted Aromatics AMOUNT (C11- C22) = 185.1655 PPM* − 20.31 = $\frac{164.86}{170}$ × 100 = 96.97

* 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

ASX05 1213

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

ASX05-1214

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

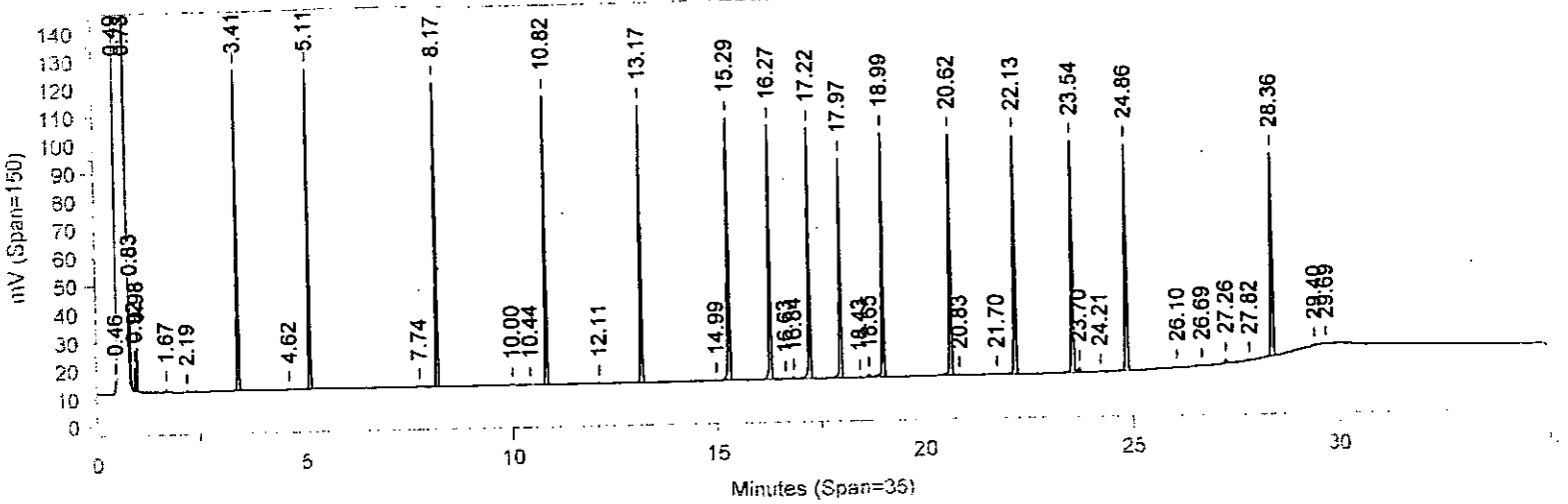
Unadjusted Aliphatics AREA (C19- C36) = 2230040
Unadjusted Aliphatics AMOUNT (C19- C36) = 77.7951 PPM* − 9.46 = $\frac{66.34}{80}$ × 100 = 85.42

* 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

ASX05-1215

MA EPH
MAAL30832E HEMAAL3HE CCAL 0826199999
C:\CPWIN\DATA1\P262.40R



Sample Name:MAAL30832E HEMAAL3HE CCAL 0826199999A

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 6:37:07 PM
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
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

ASX05 1216

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 **********

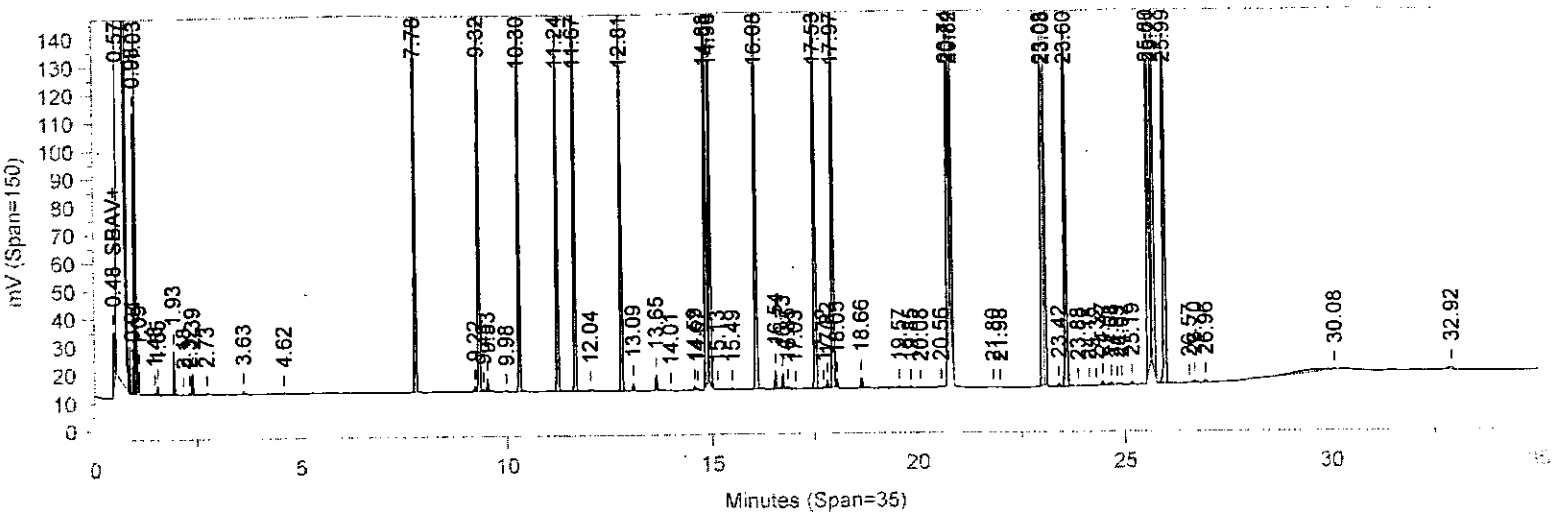
Unadjusted Aromatics AREA (C11- C22) = 1.292248E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 445.2196 PPM* − 50.52 = $\frac{394.70}{425}$ × 100 = 92.87

* 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

ASX05 1217

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 9/22/08
Approved by RMB 3/5
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX85 1218

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

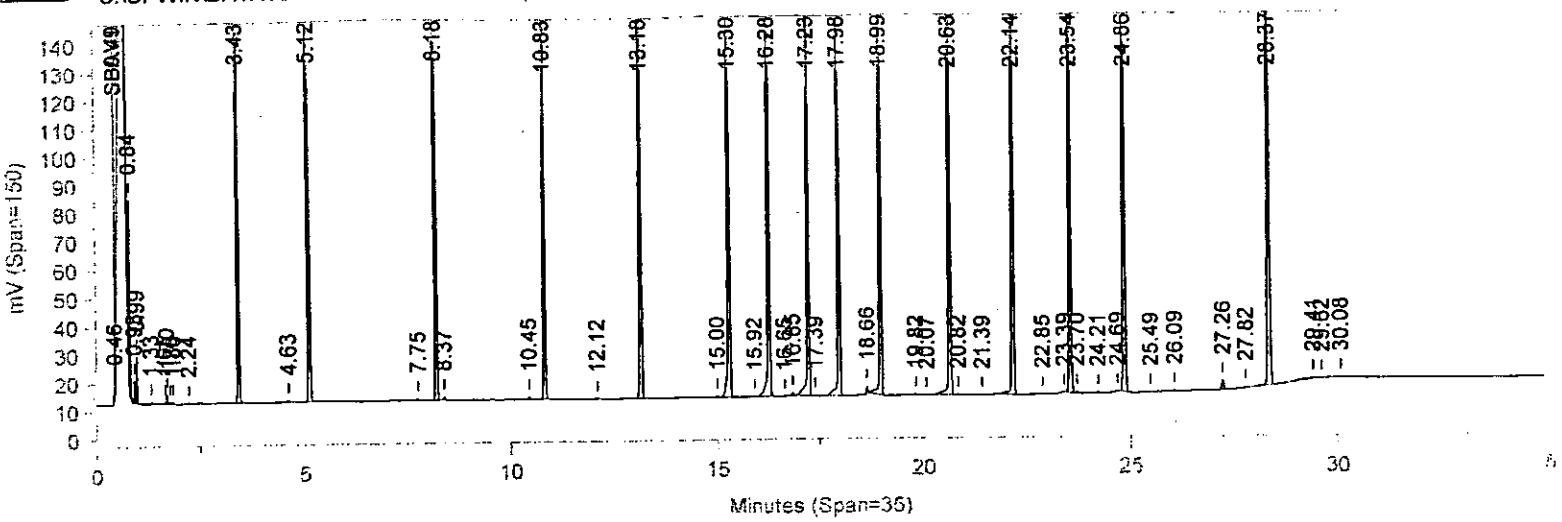
Unadjusted Aliphatics AREA (C19- C36) = 5409694
Unadjusted Aliphatics AMOUNT (C19- C36) = 188.7176 PPM* − 23.27 = $\frac{165.45}{200}$ × 100 = 82.72

* 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

ASX05 1219

MA EPH
MAAL40832E CGMAAL4CG CCAL 0826299999
C:\CPWIN\DATA1\P262.48R



Sample Name:MAAL40832E CGMAAL4CG 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 1:21:47 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
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

ASX05 1220

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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	

ASX05 1221

Set-up by: MCB/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

ASX05 1222

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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	

ASX05 1223

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	

ASX85 5122

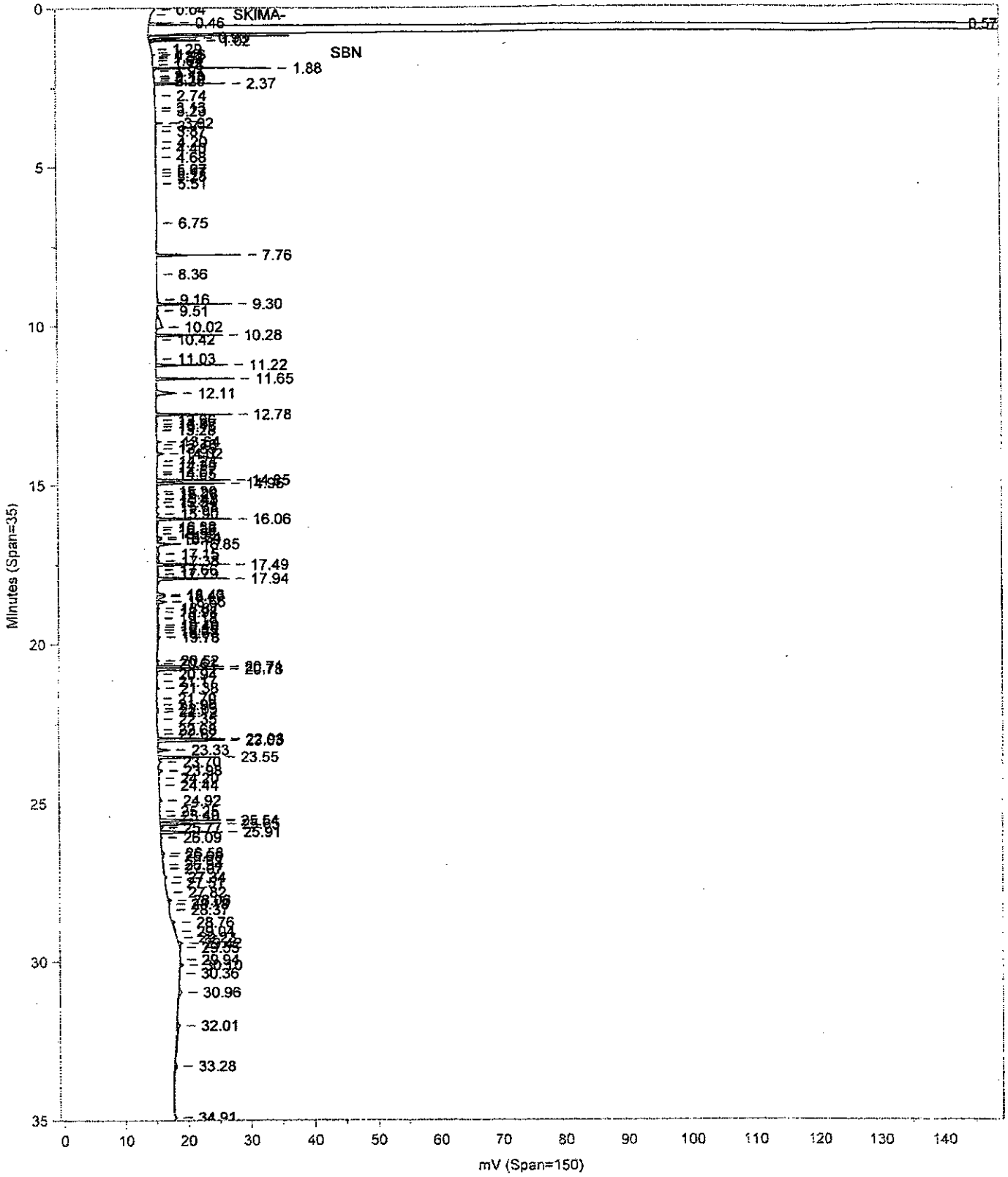
Set-up by: GAY217 Date: 9/30/08

9/30/08

MA EPH

MAAR10832C AAMAAR1AA ICAL 0824199999

C:\CPWIN\DATA1\P242.13R



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

ASX05 1225

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

- 22498
627642
- 30095
~~597547~~
597997.3

Total slice amount= 24.377
Total slice amount %= 100.0

Total slice area= 650590.3
Total slice area %= 5.7

********** RESULTS TABLE **********

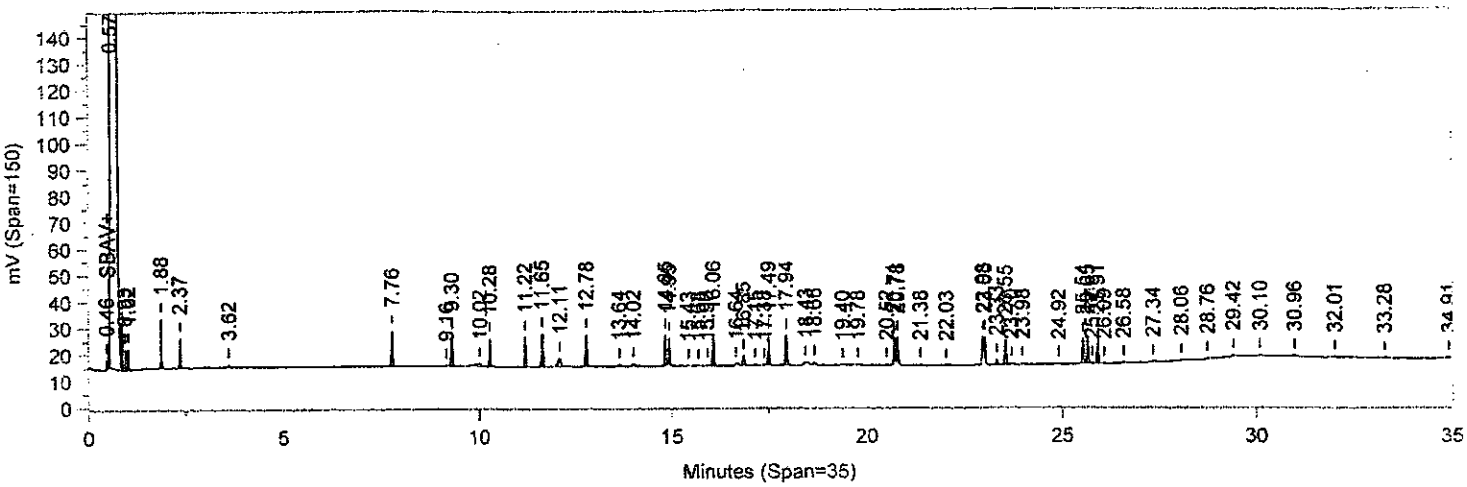
Unadjusted Aromatics AREA (C11- C22) = 650590.3
Unadjusted Aromatics AMOUNT (C11- C22) = 16.64277 PPM*

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

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

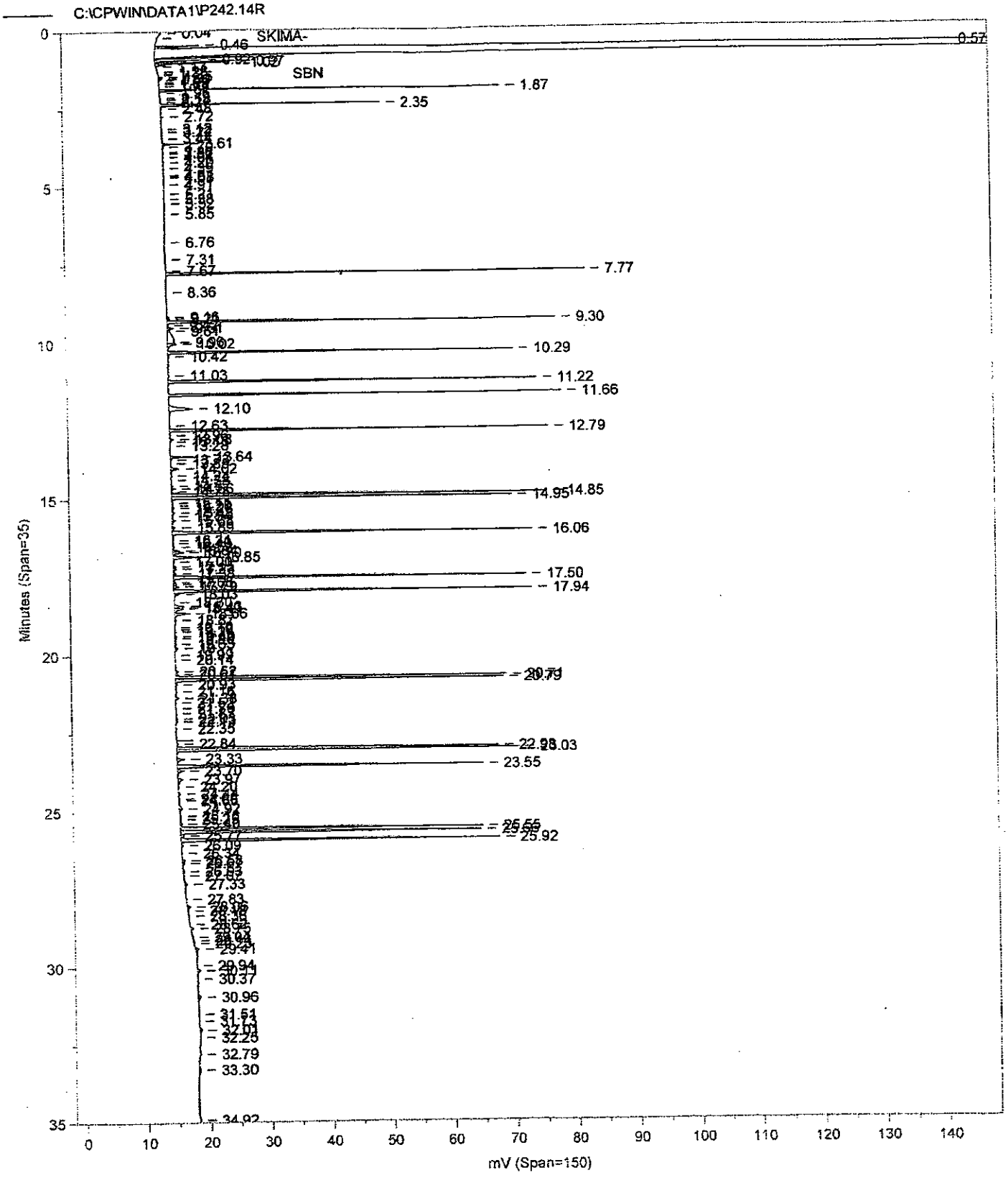
FILES:
Area File: C:\CPWIN\DATA1\P242.13A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:40:26 PM
File reported on: 9/1/2008 at 1:40:24 PM

ASX85 1227

MA EPH

MAAR20832D AAMAAR2AA ICAL 0824199999

C:\CPWIN\DATA1\P242.14R



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

ASX05 1220

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

−117300
2616533
−140152
2476381

Total slice amount= 105.960
Total slice amount %= 100.0

Total slice area= 2733833.0
Total slice area %= 20.1

********** RESULTS TABLE **********

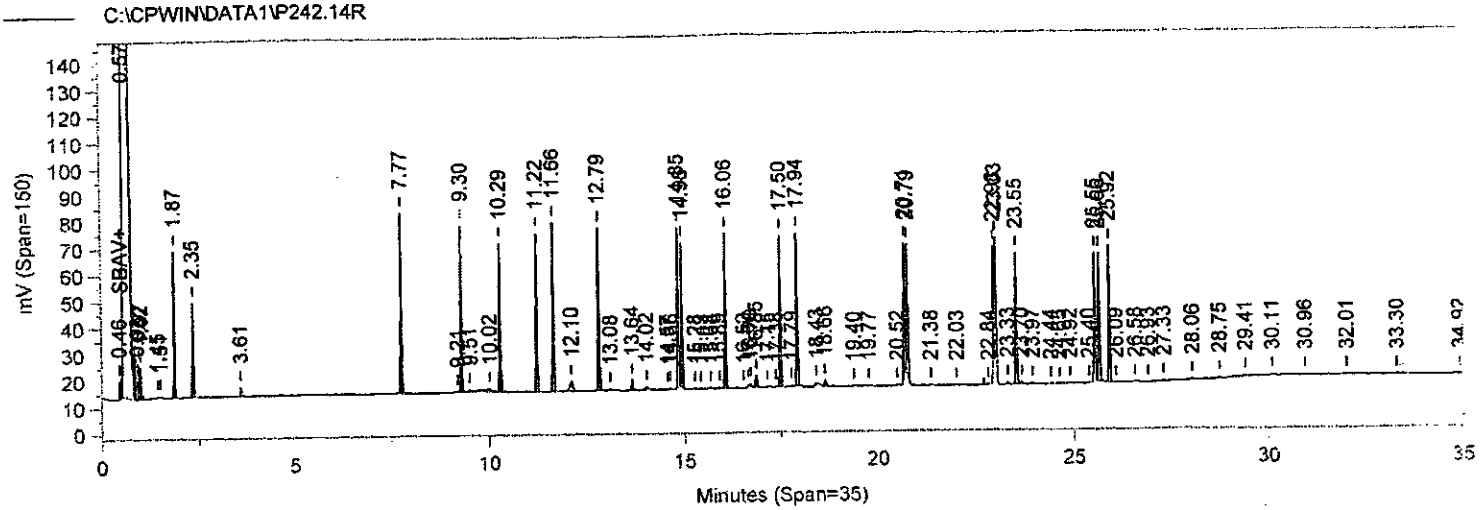
Unadjusted Aromatics AREA (C11- C22) = 2733833
Unadjusted Aromatics AMOUNT (C11- C22) = 69.93427 PPM*

* Needs to have surr. amt. (from replot) subtracted!

FILES:
Area File: C:\CPWIN\DATA1\P242.14A
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 1:40:36 PM
File reported on: 9/1/2008 at 1:40:35 PM

ASX05 1229

MA EPH
MAAR20832D AAMAAR2AA ICAL 0824199999
C:\CPWIN\DATA1\P242.14R



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:
Area File: C:\CPWIN\DATA1\P242.14A
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 1:40:42 PM
File reported on: 9/1/2008 at 1:40:42 PM

ASX05 1230

MA EPH

MAAR30832D AAMAAR3AA ICAL 0824199999

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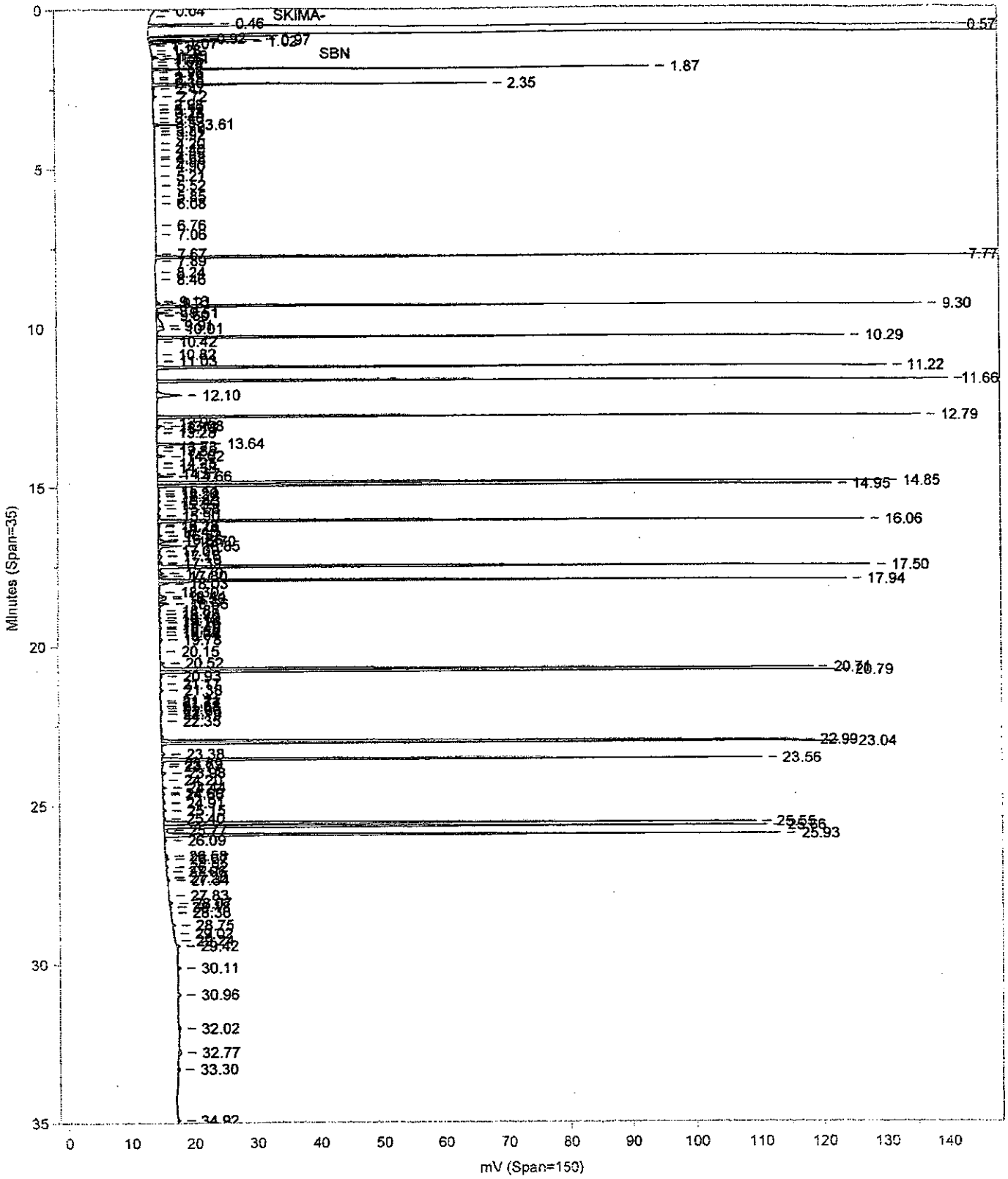


Instrument ID:CP25--H6610A Injected on: 8/31/2008 1:29:46 AM

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

ASX05 1231

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

− 236198
4951218
272504
4678714

Total slice amount= 199.257
Total slice amount %= 100.0

Total slice area= 5181416.0
Total slice area %= 32.2

********** RESULTS TABLE **********

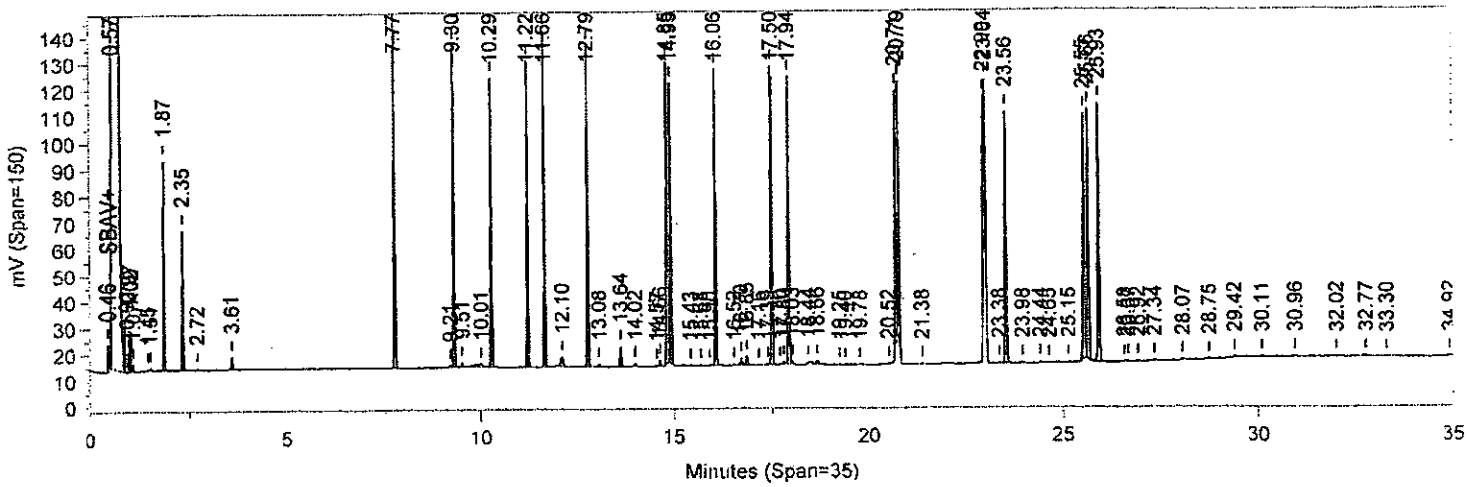
Unadjusted Aromatics AREA (C11- C22) = 5181416
Unadjusted Aromatics AMOUNT (C11- C22) = 132.546 PPM*

* 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
Area file created on: 9/1/2008 1:40:54 PM
File reported on: 9/1/2008 at 1:40:53 PM

ASX85 1232

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

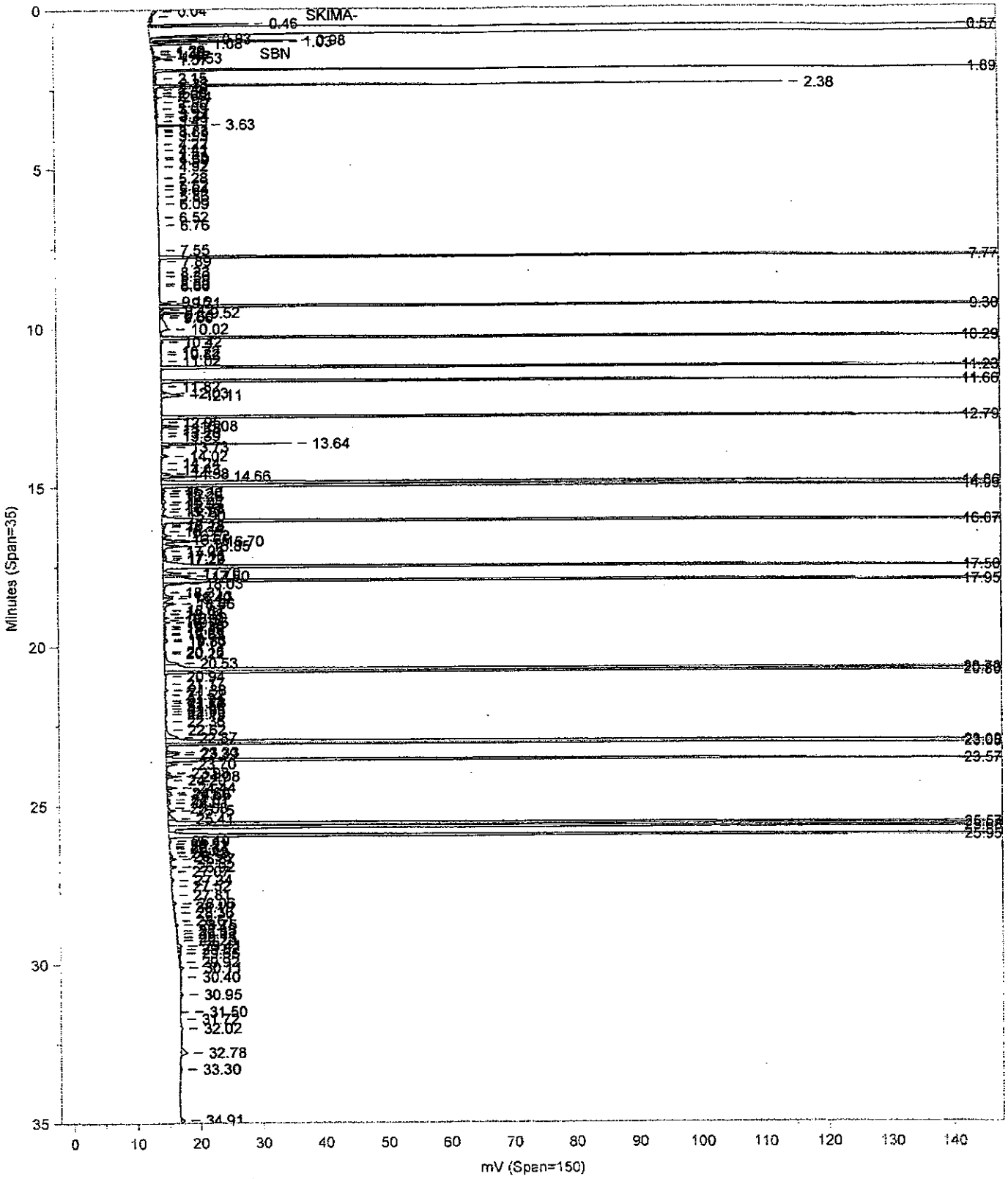
FILES:
Area File: C:\CPWIN\DATA1\P242.15A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:00 PM
File reported on: 9/1/2008 at 1:41:00 PM

ASX85 1233

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 ASX85 1234

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1 Dilution Factor: 1

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 **********

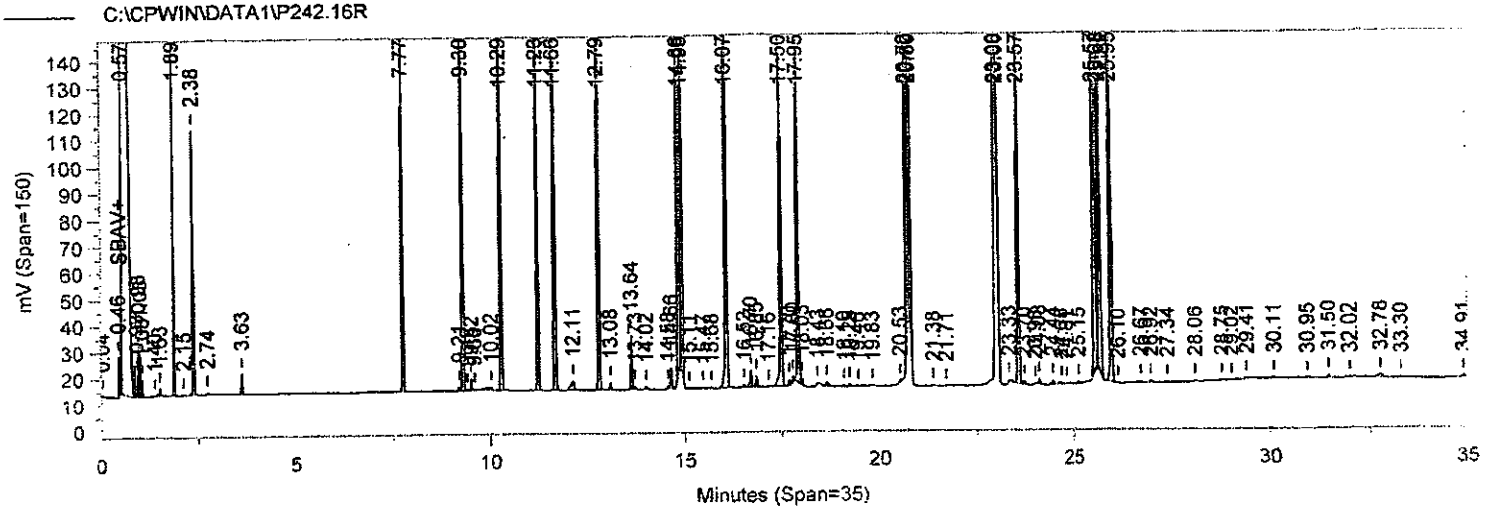
Unadjusted Aromatics AREA (C11- C22) = 1.286103E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 328.9984 PPM*

* 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

ASX05 1235

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

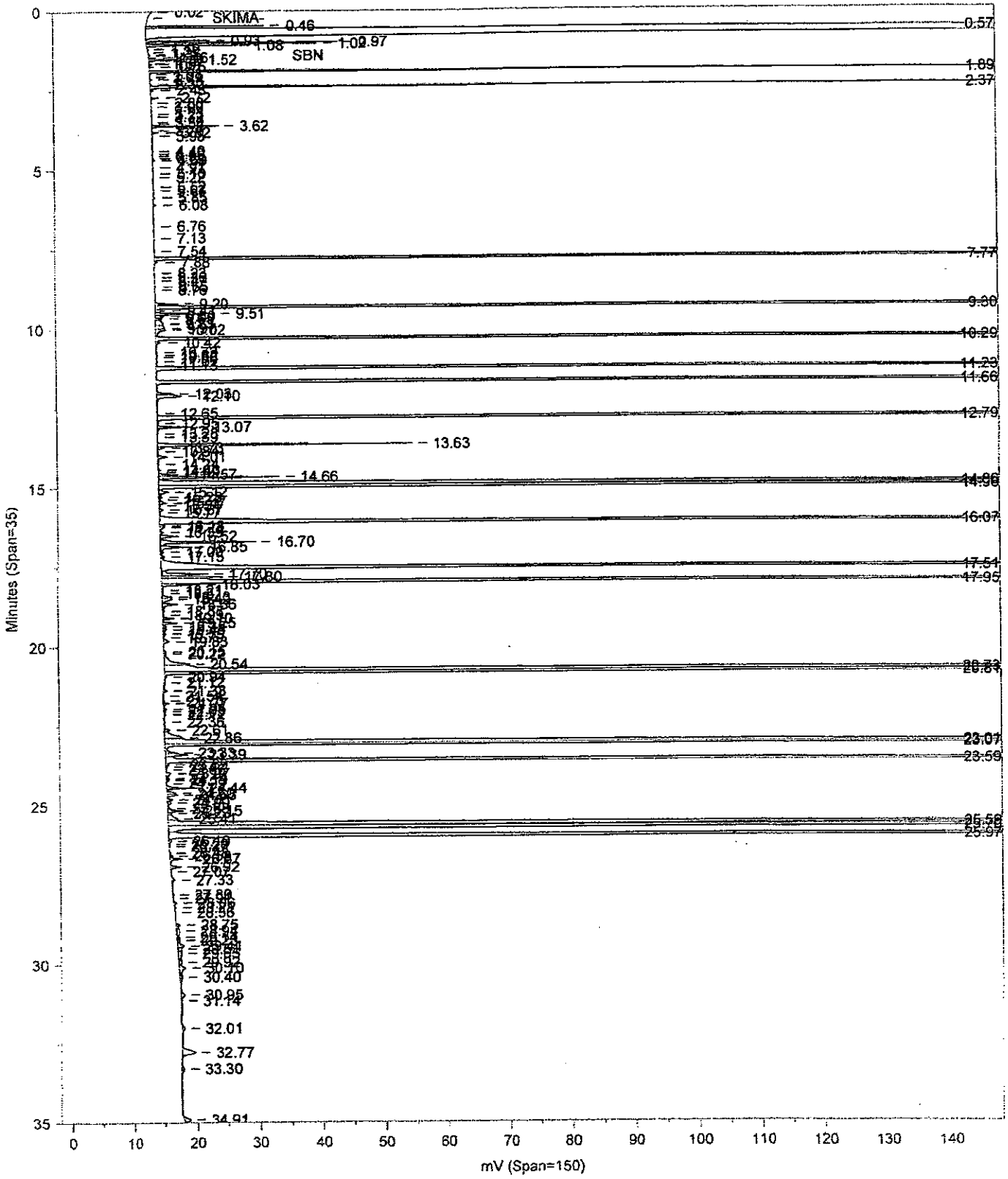
FILES:
Area File: C:\CPWIN\DATA1\P242.16A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:18 PM
File reported on: 9/1/2008 at 1:41:18 PM

ASX85 1236

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

ASX05 1237

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
- 1318198
22109856

********** RESULTS TABLE **********

Unadjusted Aromatics AREA (C11- C22) = 2.454586E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 627.9085 PPM*

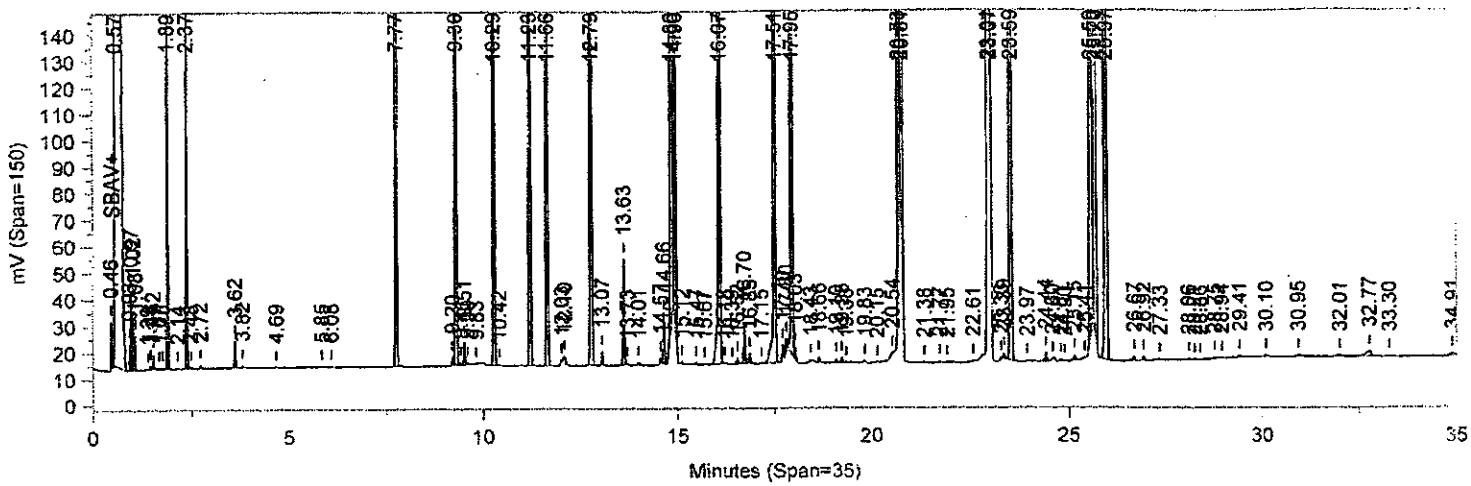
32010.08

* 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

ASX05 1238

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

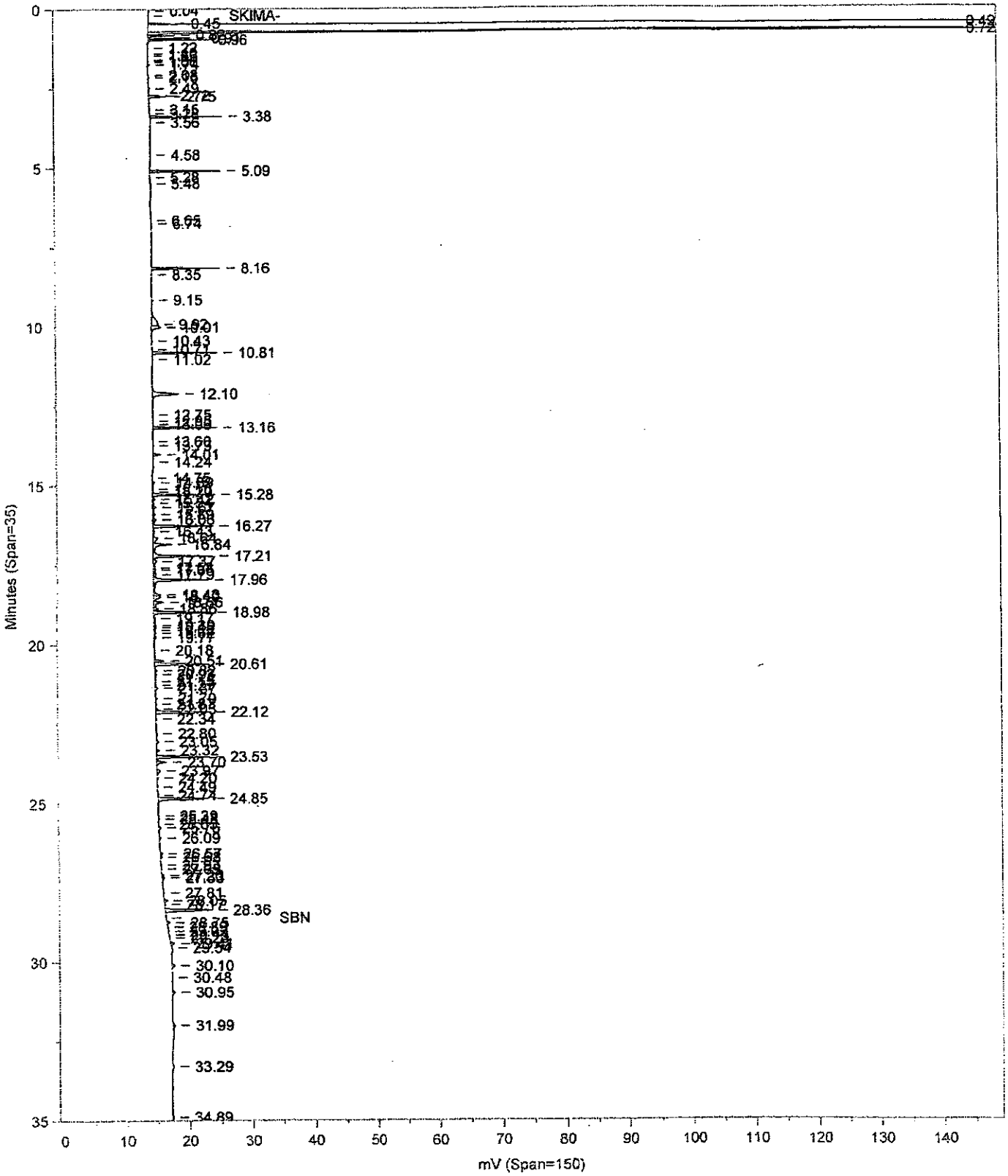
FILES:
Area File: C:\CPWIN\DATA1\P242.17A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/1/2008 1:41:36 PM
File reported on: 9/1/2008 at 1:41:36 PM

ASX05 1239

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

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

- 30856
322158.5

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 225301
Unadjusted Aliphatics AMOUNT (C9- <C19) = 6.529669 PPM

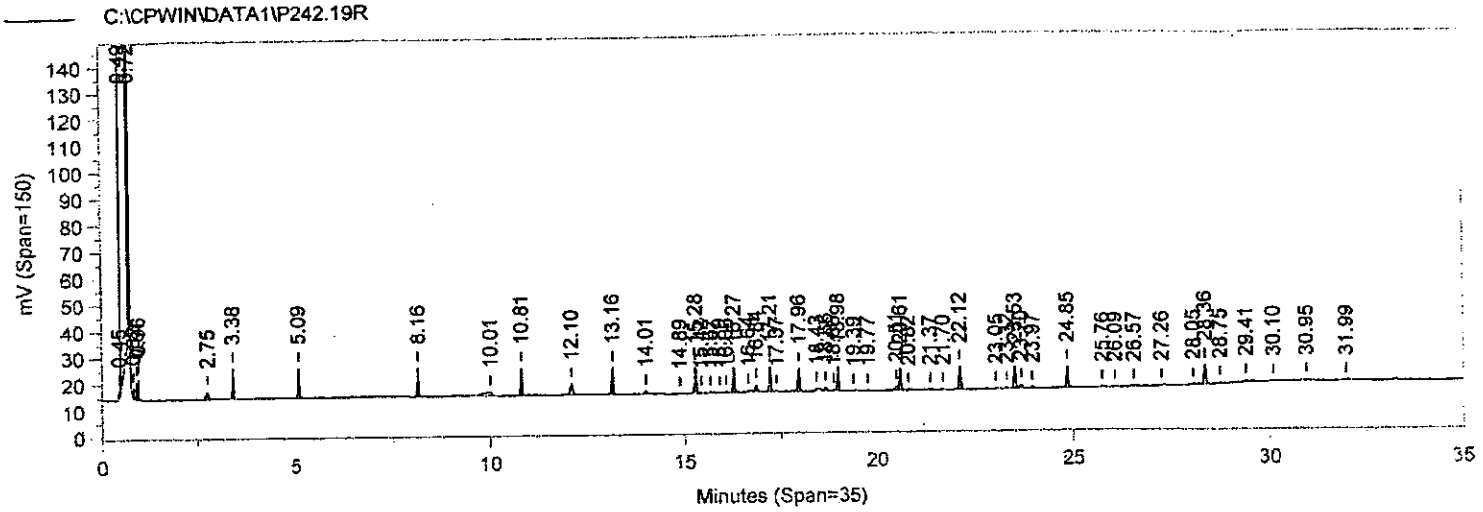
Unadjusted Aliphatics AREA (C19- C36) = 353008.5
Unadjusted Aliphatics AMOUNT (C19- C36) = 10.01736 PPM*

* 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

ASX05 1241

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

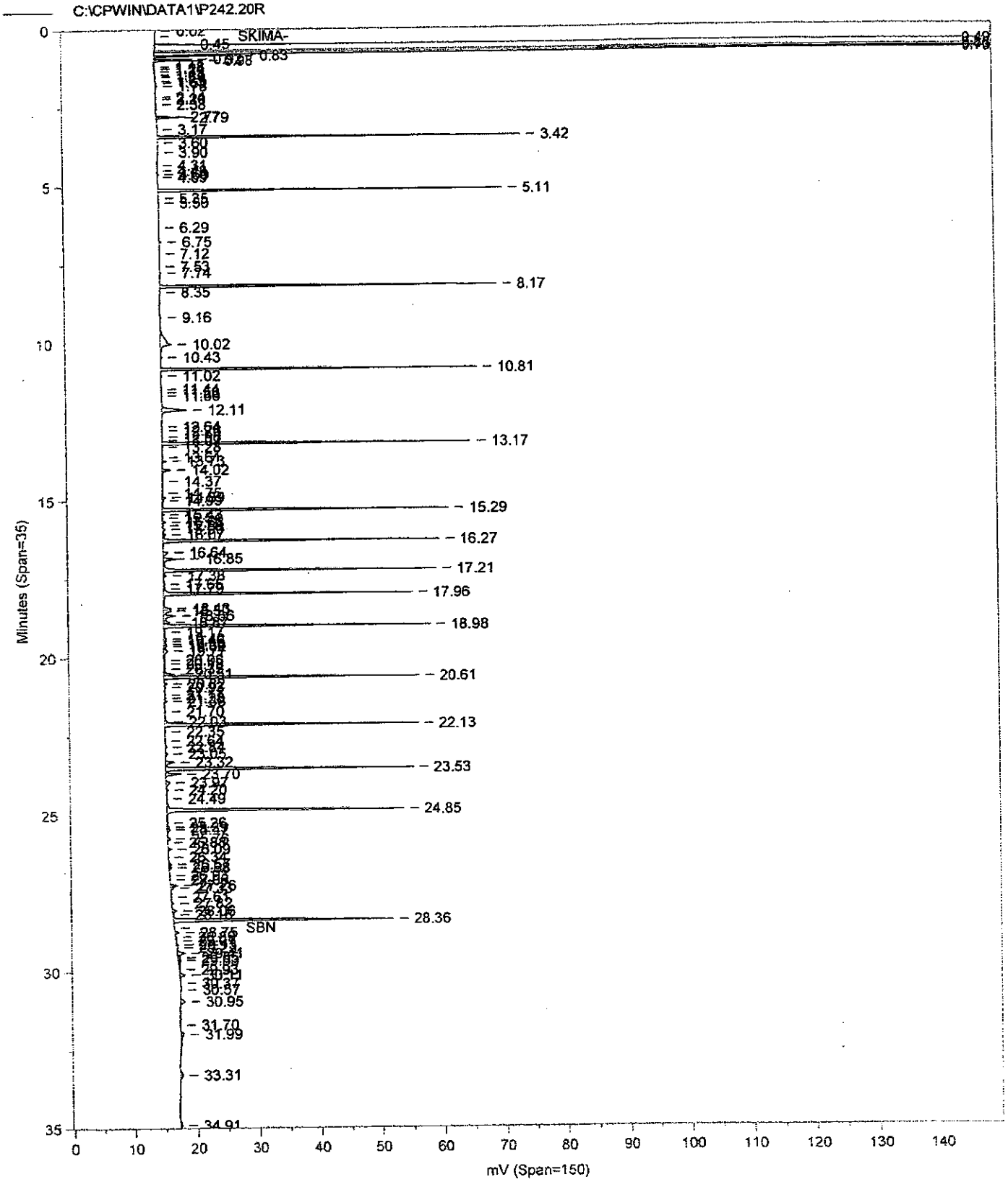
FILES:
Area File: C:\CPWIN\DATA1\P242.19A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:12 PM
File reported on: 9/1/2008 at 12:59:11 PM

ASX85 1242

MA EPH

MAAL20832E AAMAAL2AA ICAL 0824199999

C:\CPWIN\DATA1\P242.20R



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

ASX85 1243

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 amount %= 100.0

Total slice area= 2007789.0
Total slice area %= 12.6

- 113519
1102461

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 791809
Unadjusted Aliphatics AMOUNT (C9- <C19) = 22.94819 PPM

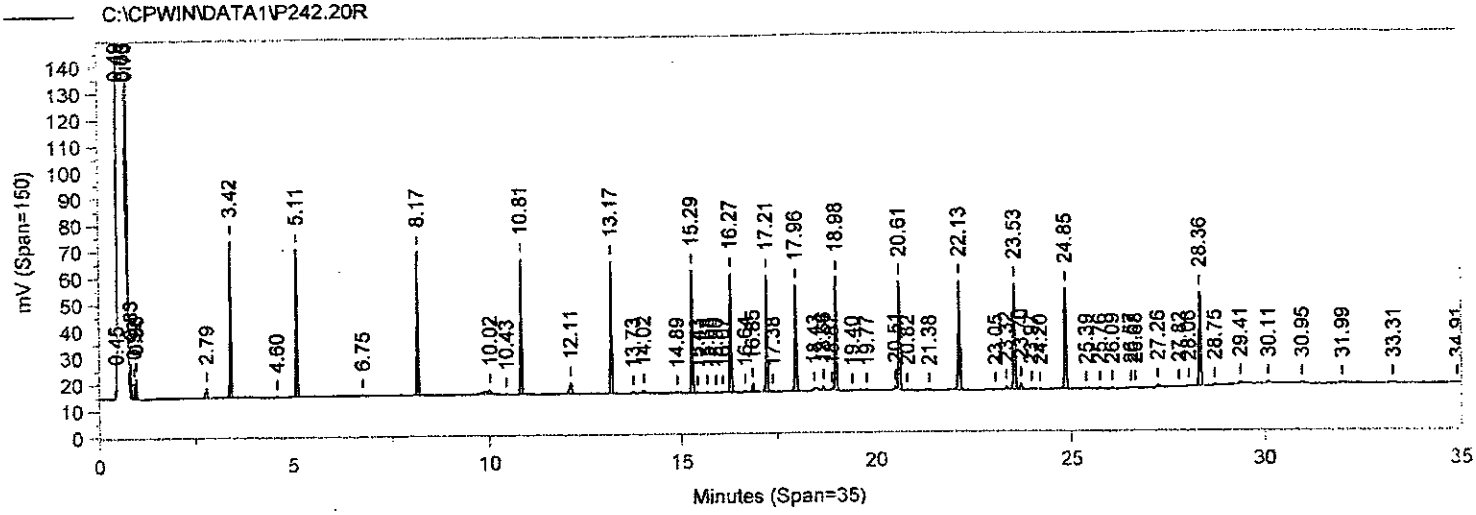
Unadjusted Aliphatics AREA (C19- C36) = 1215980
Unadjusted Aliphatics AMOUNT (C19- C36) = 34.506 PPM*

* 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

ASX85 1244

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

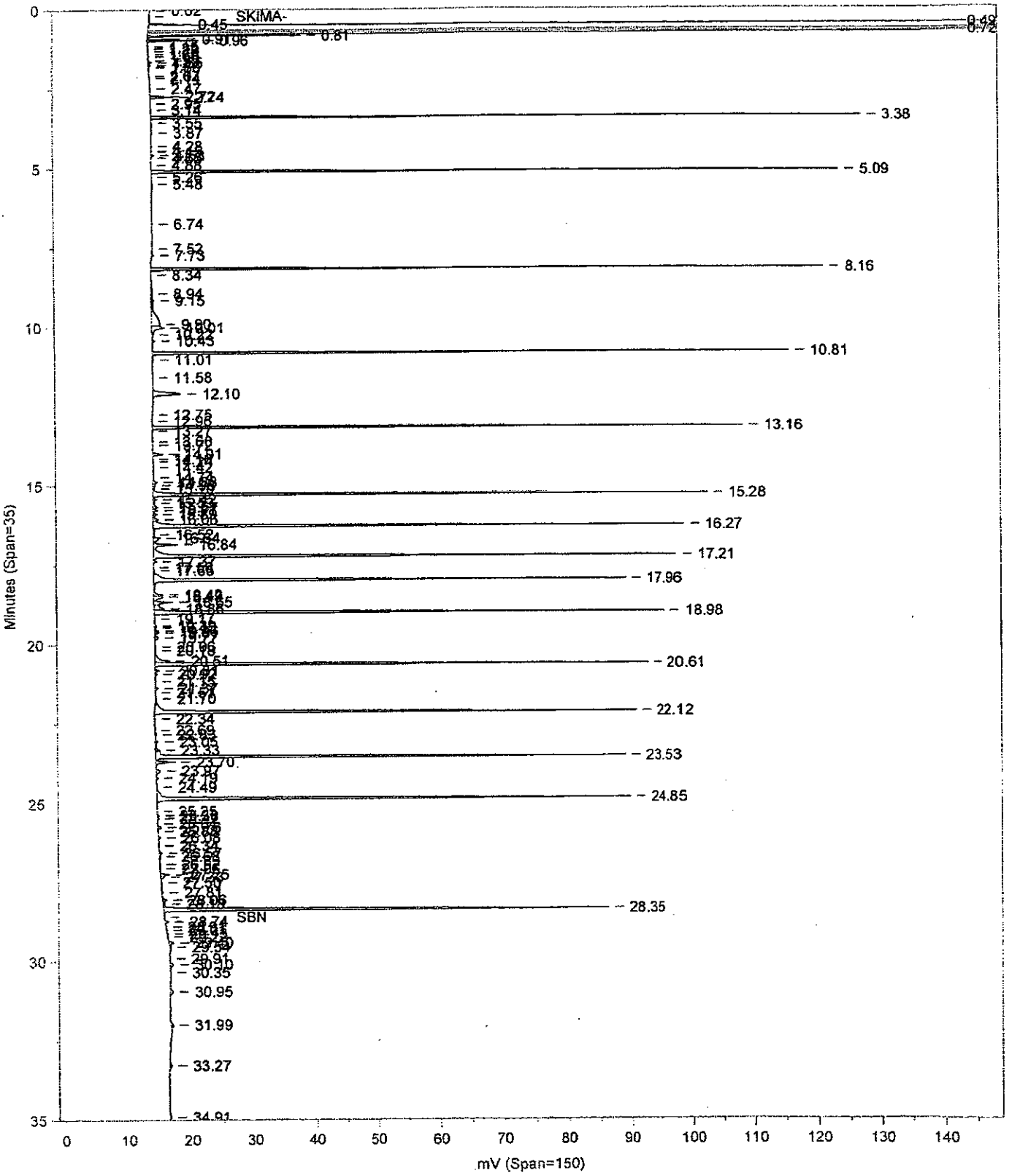
FILES:
Area File: C:\CPWIN\DATA1\P242.20A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:30 PM
File reported on: 9/1/2008 at 12:59:29 PM

ASX05 1245

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

ASX05 1246

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 amount %= 100.0

Total slice area= 3808618.0
Total slice area %= 24.3

2050421

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 1537501
Unadjusted Aliphatics AMOUNT (C9- <C19) = 44.55981 PPM

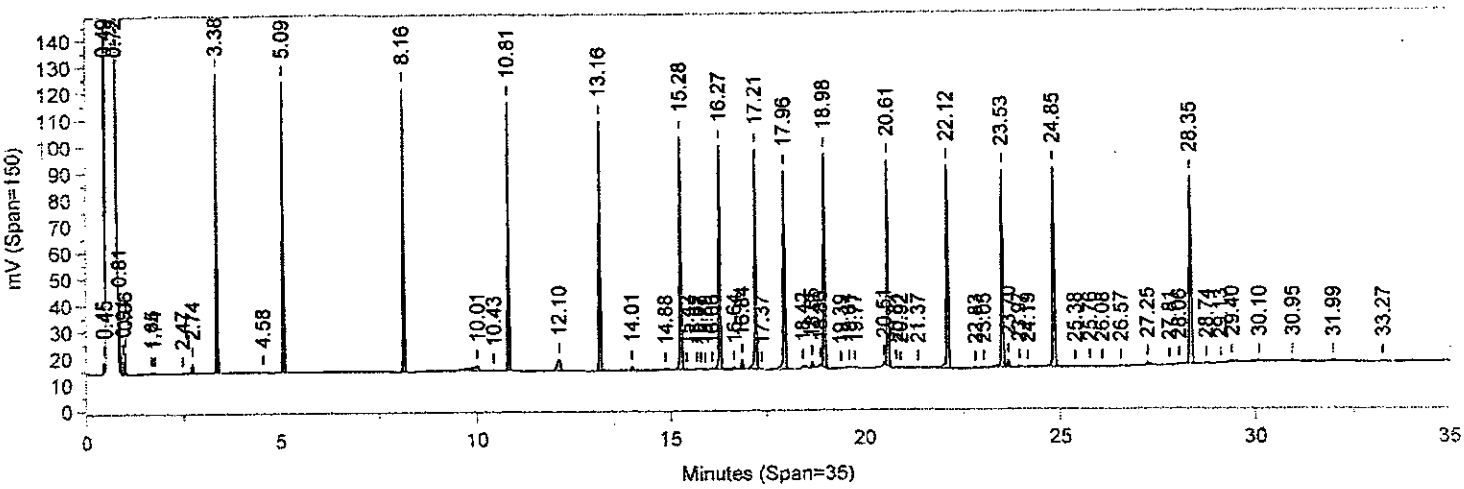
Unadjusted Aliphatics AREA (C19- C36) = 2271117
Unadjusted Aliphatics AMOUNT (C19- C36) = 64.44775 PPM*

* 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

0SX05 1247

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

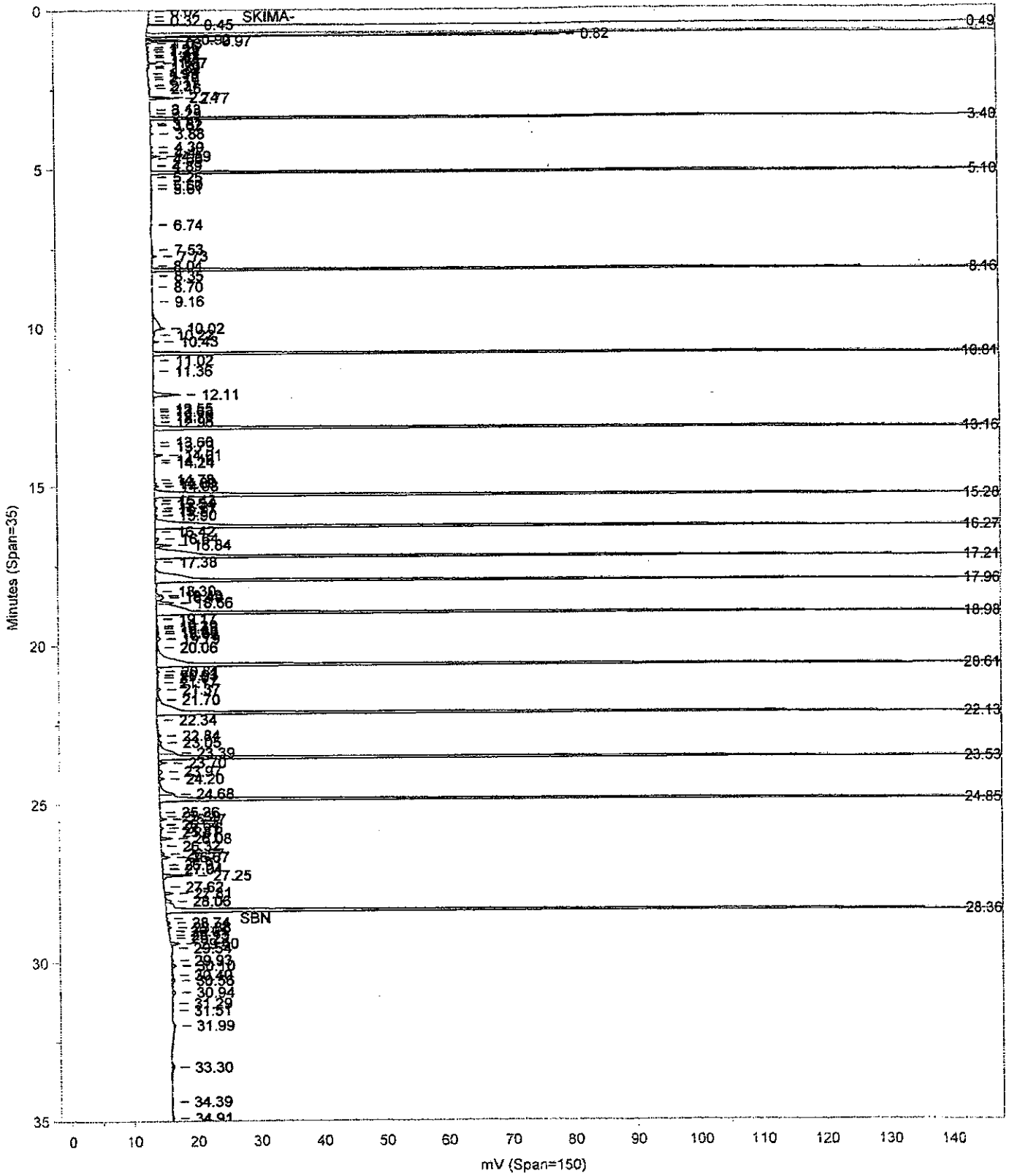
FILES:
Area File: C:\CPWIN\DATA1\P242.21A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 12:59:48 PM
File reported on: 9/1/2008 at 12:59:47 PM

ASX05 1240

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

ASX05 1249

Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN

Sample Amount: 1

Dilution Factor: 1

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

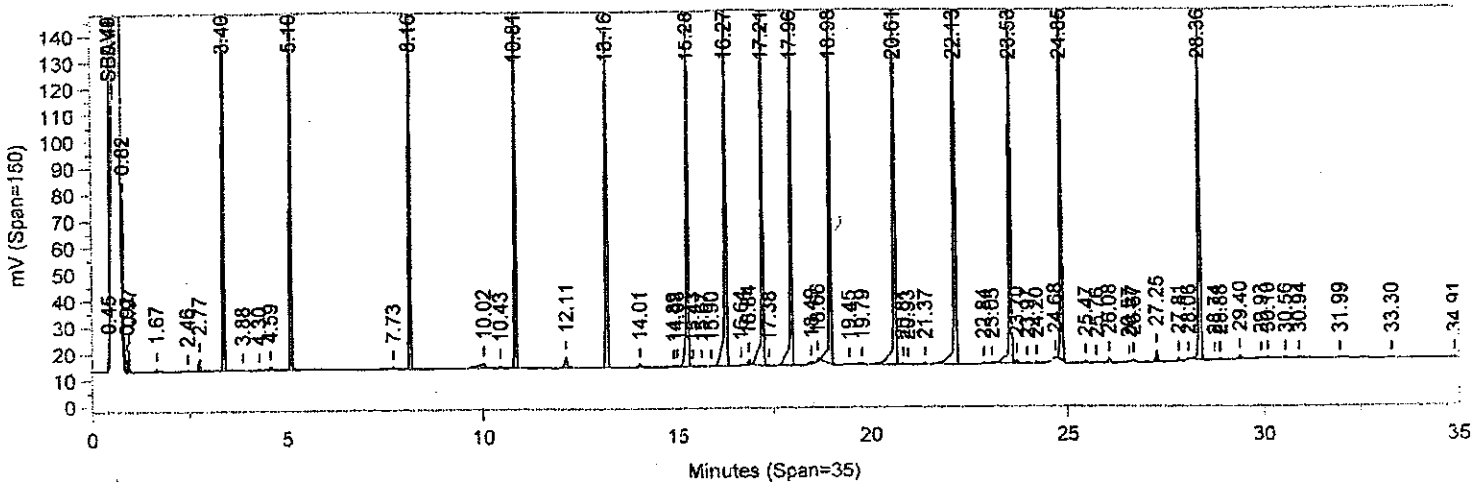
Unadjusted Aliphatics AREA (C19- C36) = 5459335
Unadjusted Aliphatics AMOUNT (C19- C36) = 154.9202 PPM*

* 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

ASX05 1250

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

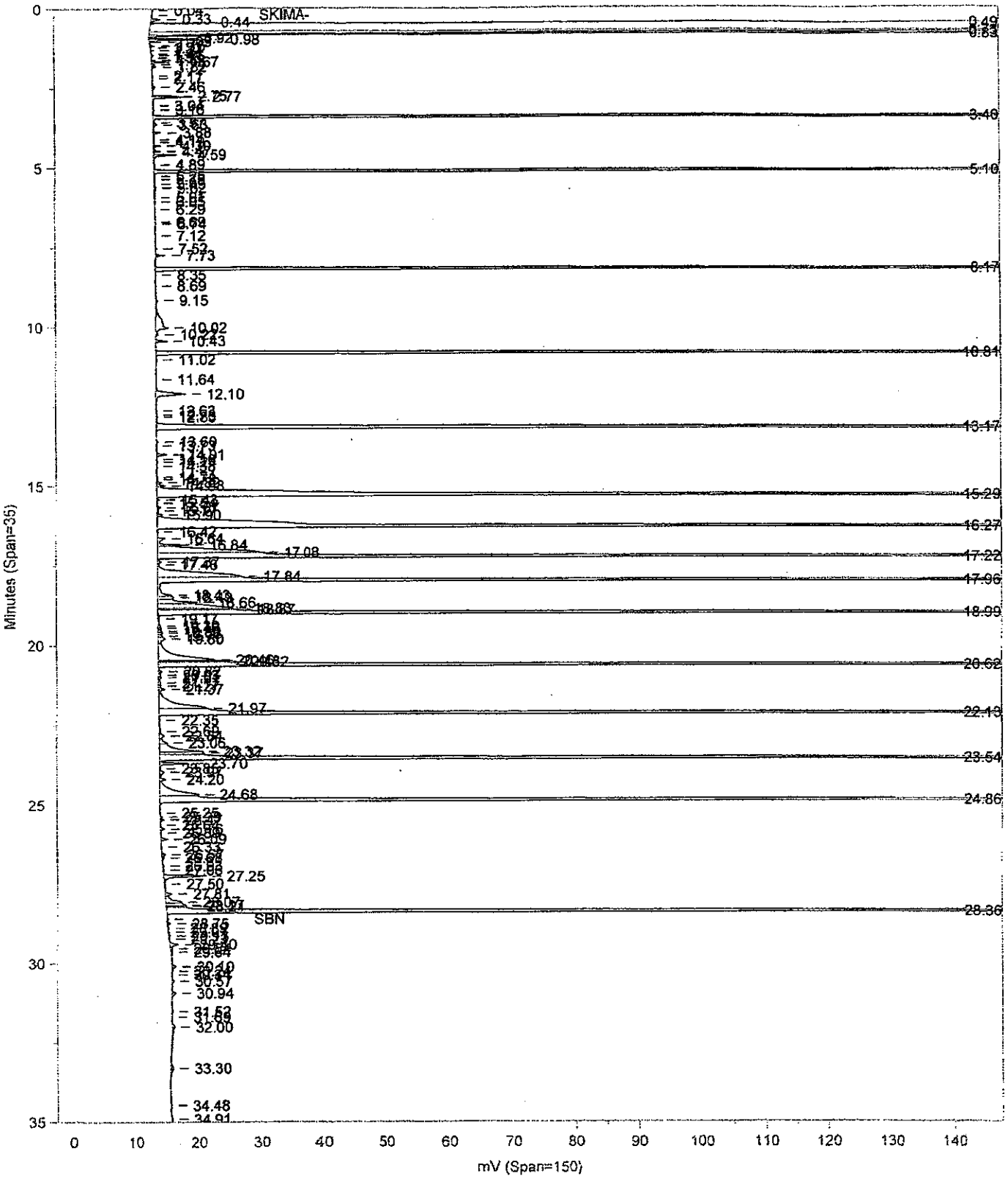
FILES:
Area File: C:\CPWIN\DATA1\P242.22A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 1:00:04 PM
File reported on: 9/1/2008 at 1:00:04 PM

ASX85 1251

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

ASX05 1252

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

1008609
10252851

Total slice amount= 910.776
Total slice amount %= 100.0

Total slice area= 18808590.0
Total slice area %= 53.2

********** 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*

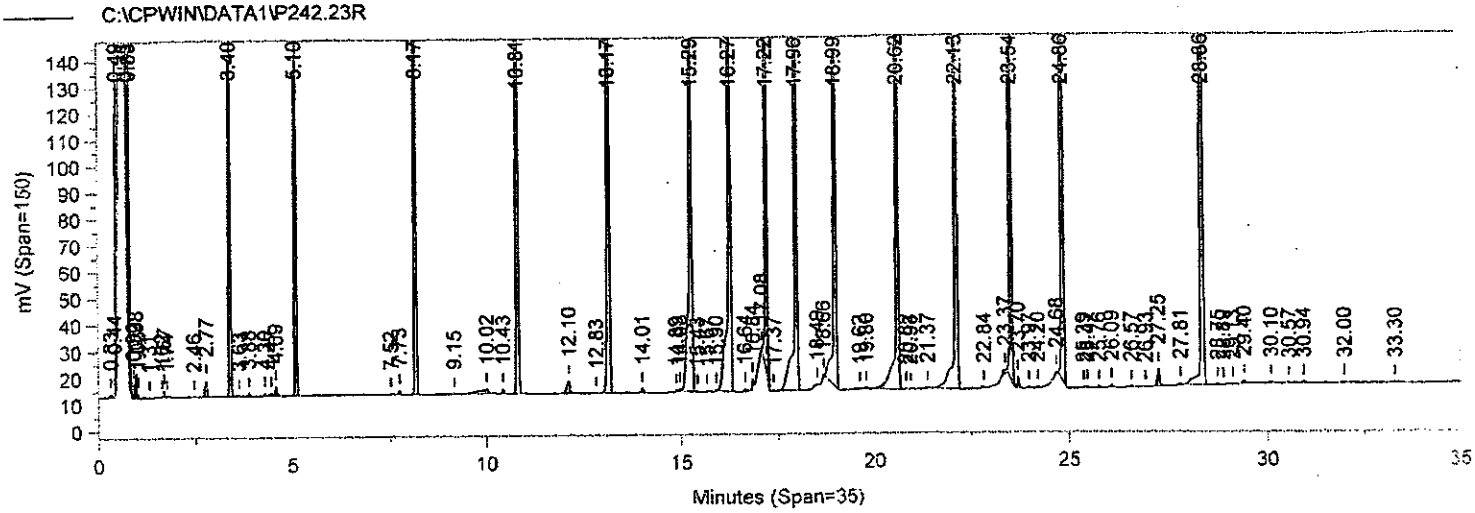
* Needs to have surr. amt. (from replot) subtracted!

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

ASX05 1253

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

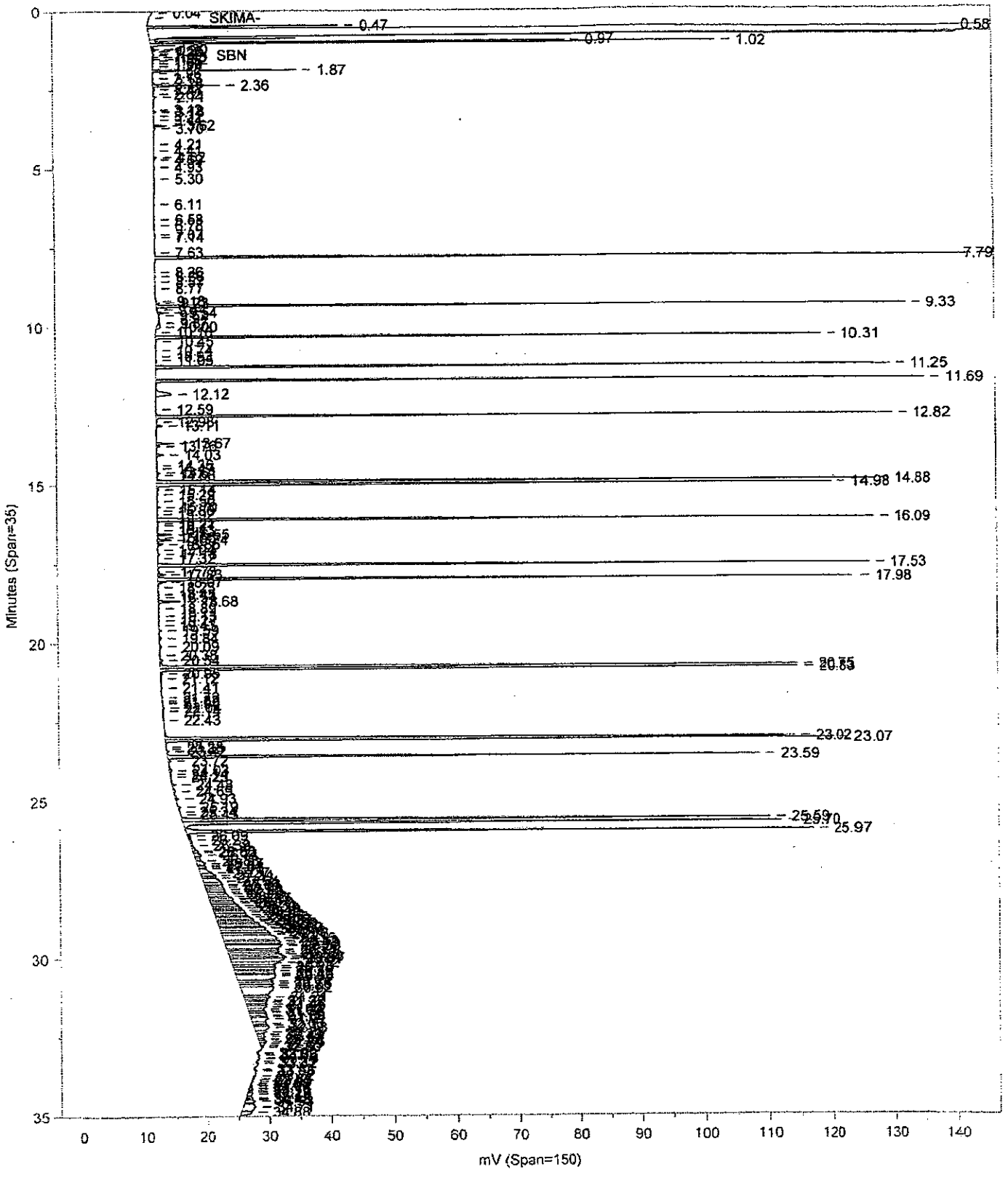
FILES:
Area File: C:\CPWIN\DATA1\P242.23A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242A.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/1/2008 1:00:22 PM
File reported on: 9/1/2008 at 1:00:21 PM

ASX85 1254

MA EPH

MAAR30832D CFMAAR3CF CCAL 0825199999

C:\CPWIN\DATA1\P252.13R



Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 1

Injected on: 9/9/2008 8:05:55 AM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

ASX85 1255

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 amount %= 100.0

Total slice area= 5009033.0
Total slice area %= 28.5

********** RESULTS TABLE **********

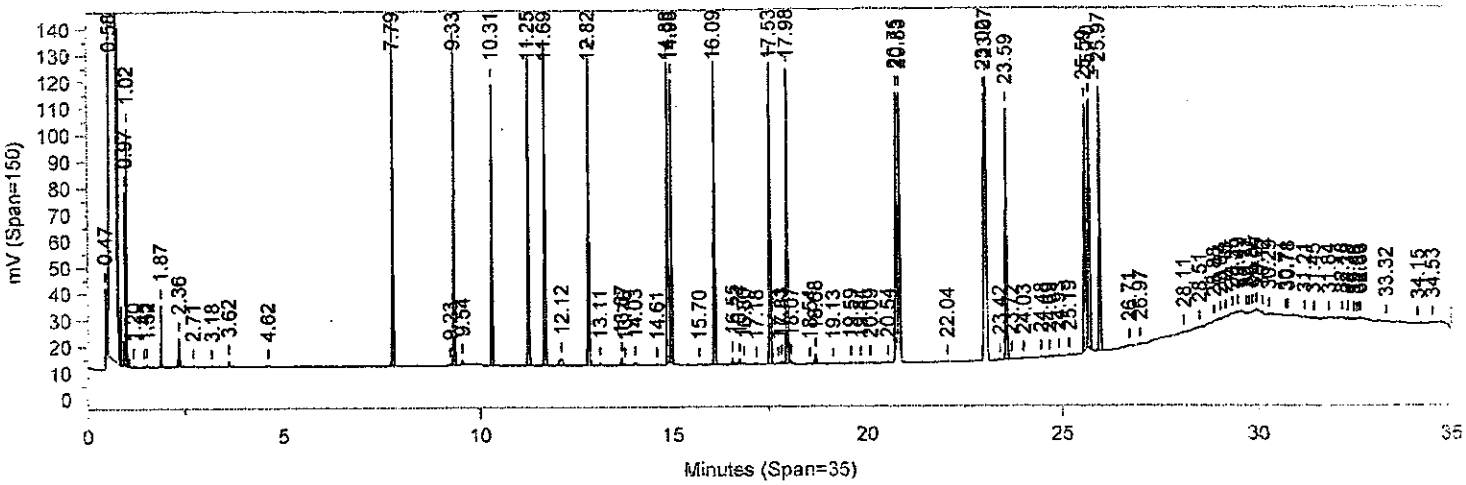
Unadjusted Aromatics AREA (C11- C22) = 5009033
Unadjusted Aromatics AMOUNT (C11- C22) = 172.5767 PPM*

* 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

ASX05 1256

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

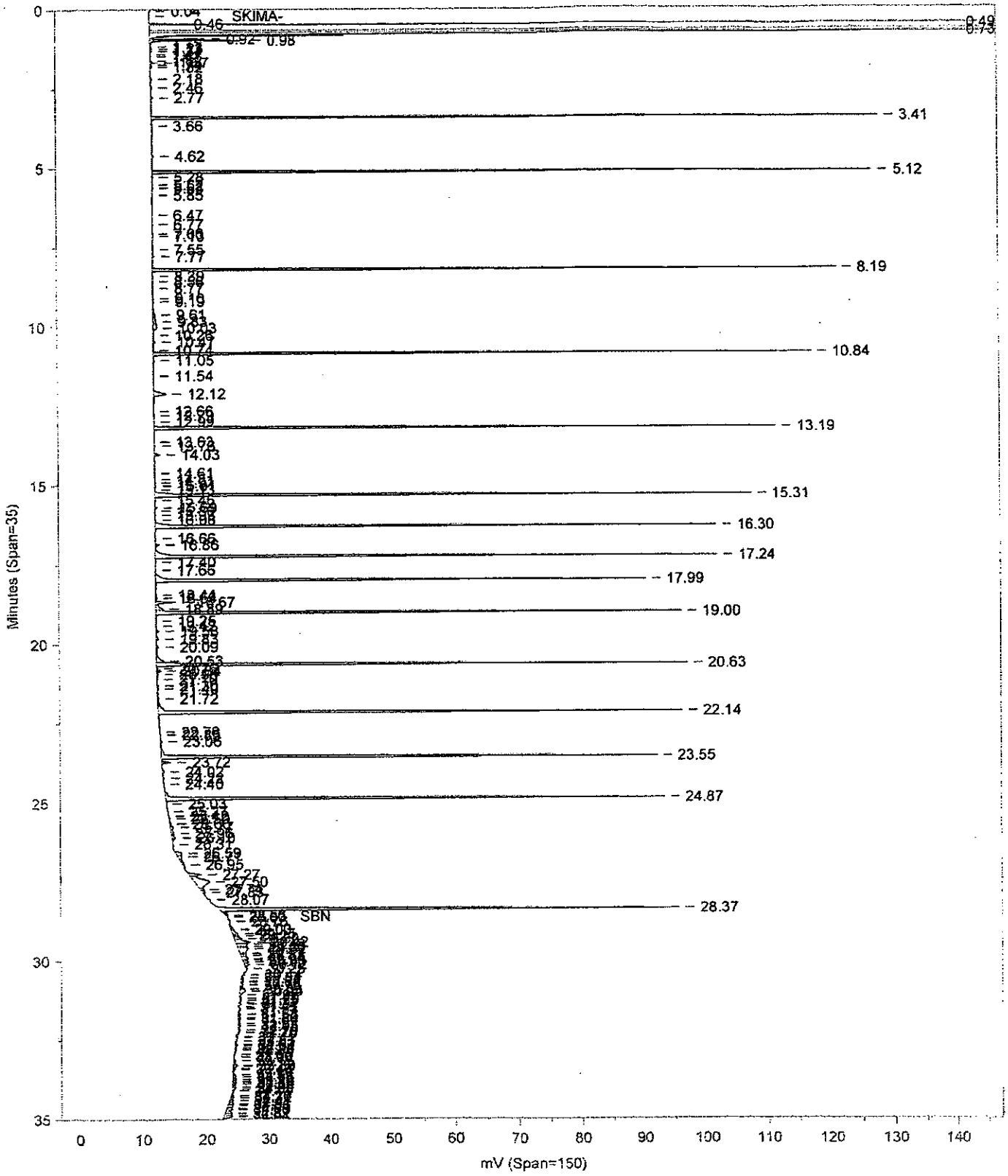
FILES:
Area File: C:\CPWIN\DATA1\P252.13A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/11/2008 10:20:48 AM
File reported on: 9/11/2008 at 10:20:48 AM

ASX05 1257

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

ASX05 1258

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 amount %= 100.0

Total slice area= 3801429.0
Total slice area %= 23.9

********** RESULTS TABLE **********

Unadjusted Aliphatics AREA (C9- <C19) = 1502173
Unadjusted Aliphatics AMOUNT (C9- <C19) = 54.16227 PPM

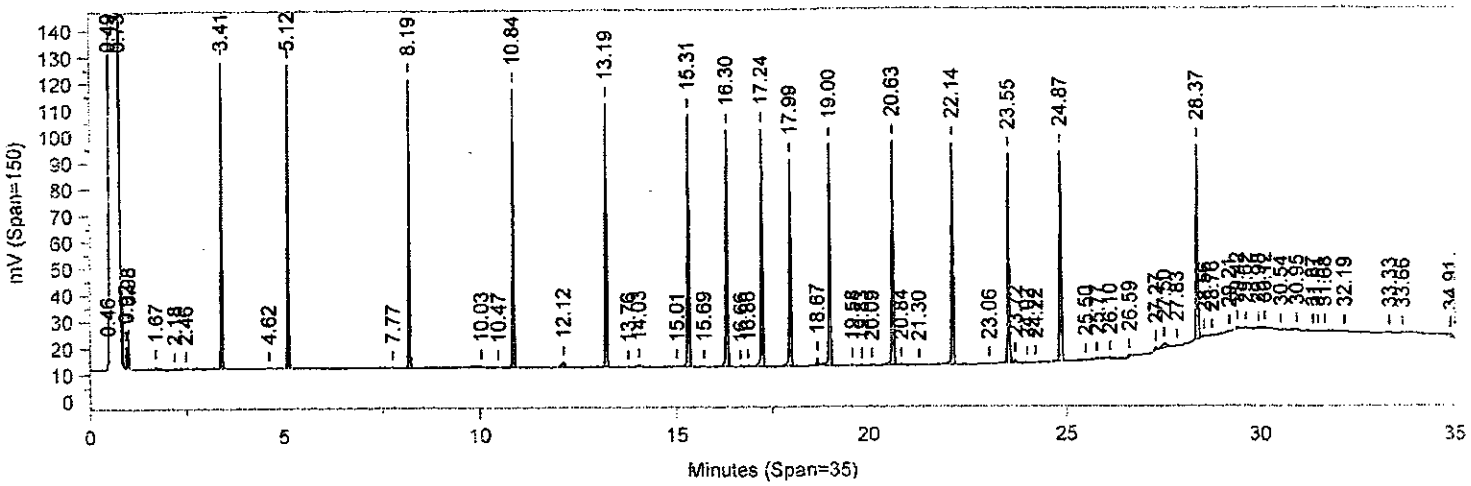
Unadjusted Aliphatics AREA (C19- C36) = 2299256
Unadjusted Aliphatics AMOUNT (C19- C36) = 80.20971 PPM*

* 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

ASX05 1259

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

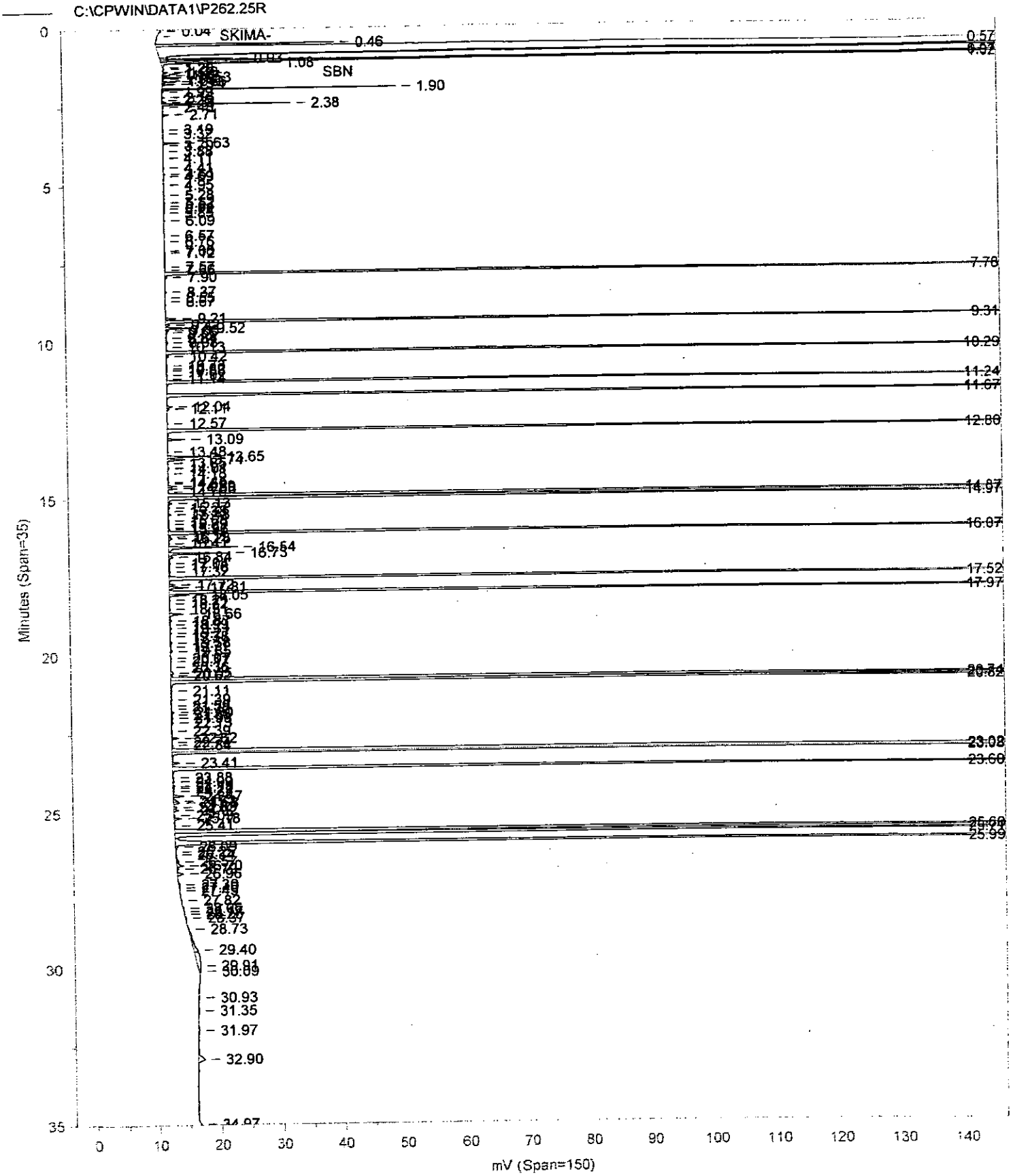
FILES:
Area File: C:\CPWIN\DATA1\P252.14A
Method File: C:\CPWIN\DATA1\REPLOT1P.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1P.FMT
Area file created on: 9/11/2008 10:21:06 AM
File reported on: 9/11/2008 at 10:21:04 AM

ASX05 1268

MA EPH

MAAR40832D ZIMAAR4ZI CCAL 0826099999

C:\CPWIN\DATA1\P262.25R



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 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!

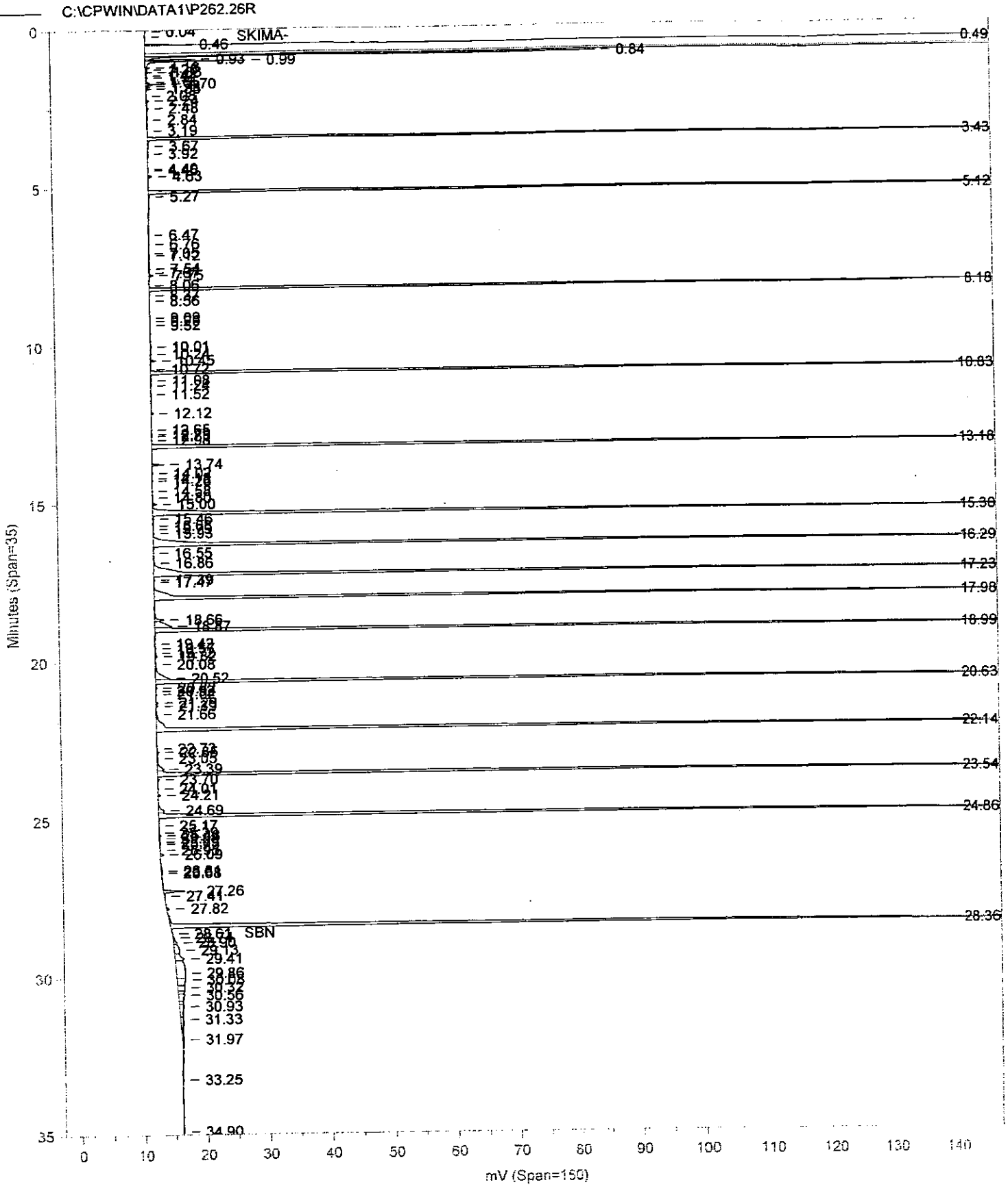
FILES:
Area File: C:\CPWIN\DATA1\P262.25A
Method File: C:\CPWIN\DATA1\AROMPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\AROMPSUM.FMT
Area file created on: 9/19/2008 6:30:02 AM
File reported on: 9/19/2008 at 6:30:02 AM

ASX85 1262

MA EPH

MAAL40832E CFMAAL4CF CCAL 0826099999

C:\CPWIN\DATA1\P262.26R



ASX05 1263

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%

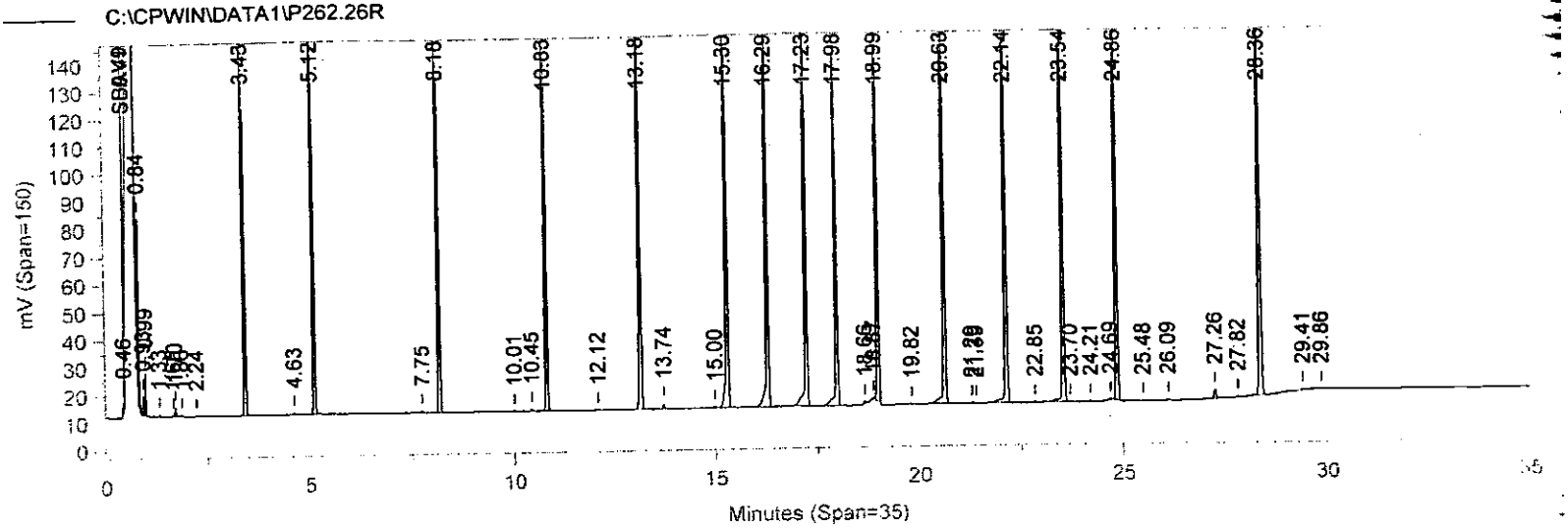
Unadjusted Aliphatics AREA (C19- C36) = 5457992
Unadjusted Aliphatics AMOUNT (C19- C36) = 190.4025 PPM* − 22.60 = $\frac{167.80}{200}$ × 100 = 83.90%

* 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

ASX85 1264

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

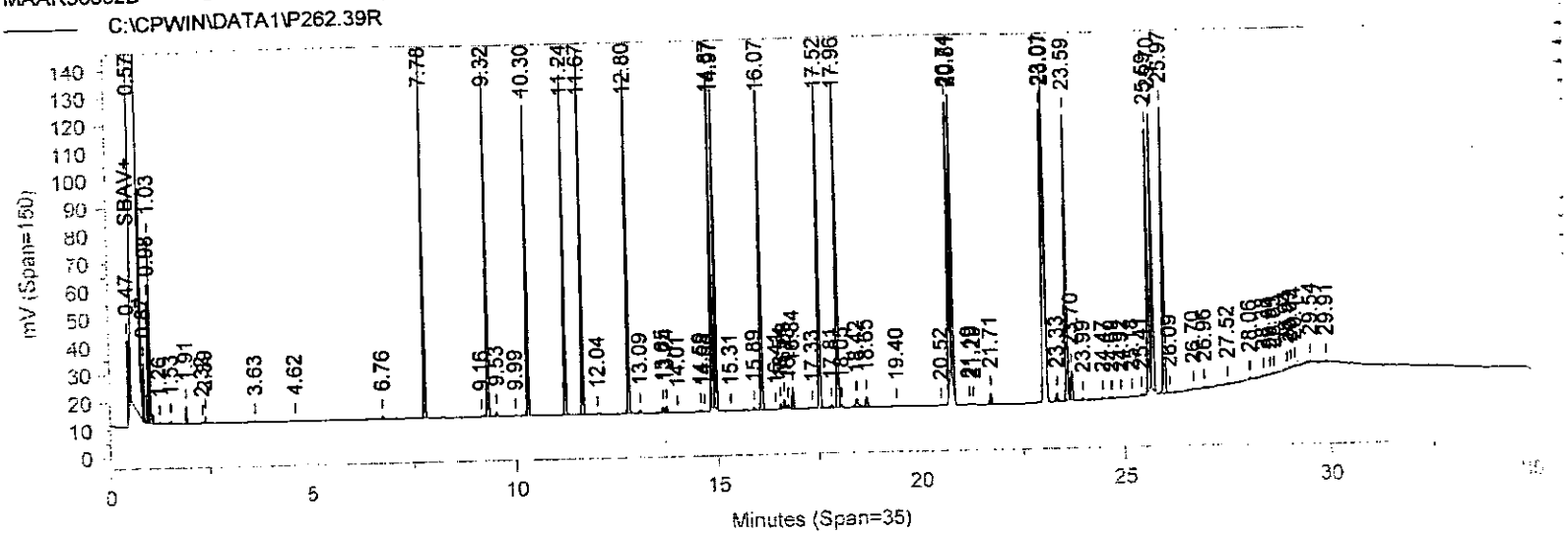
1-CHLOROOCTADECANE % RECOVERY = 109.3902 %

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

ASX05 1265

MA EPH
MAAR30832D CIMAAR3CI CCAL 0826199999
C:\CPWIN\DATA1\P262.39R



Sample Name:MAAR30832D CIMAAR3CI CCAL 0826199999A

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 5:46:49 PM
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
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

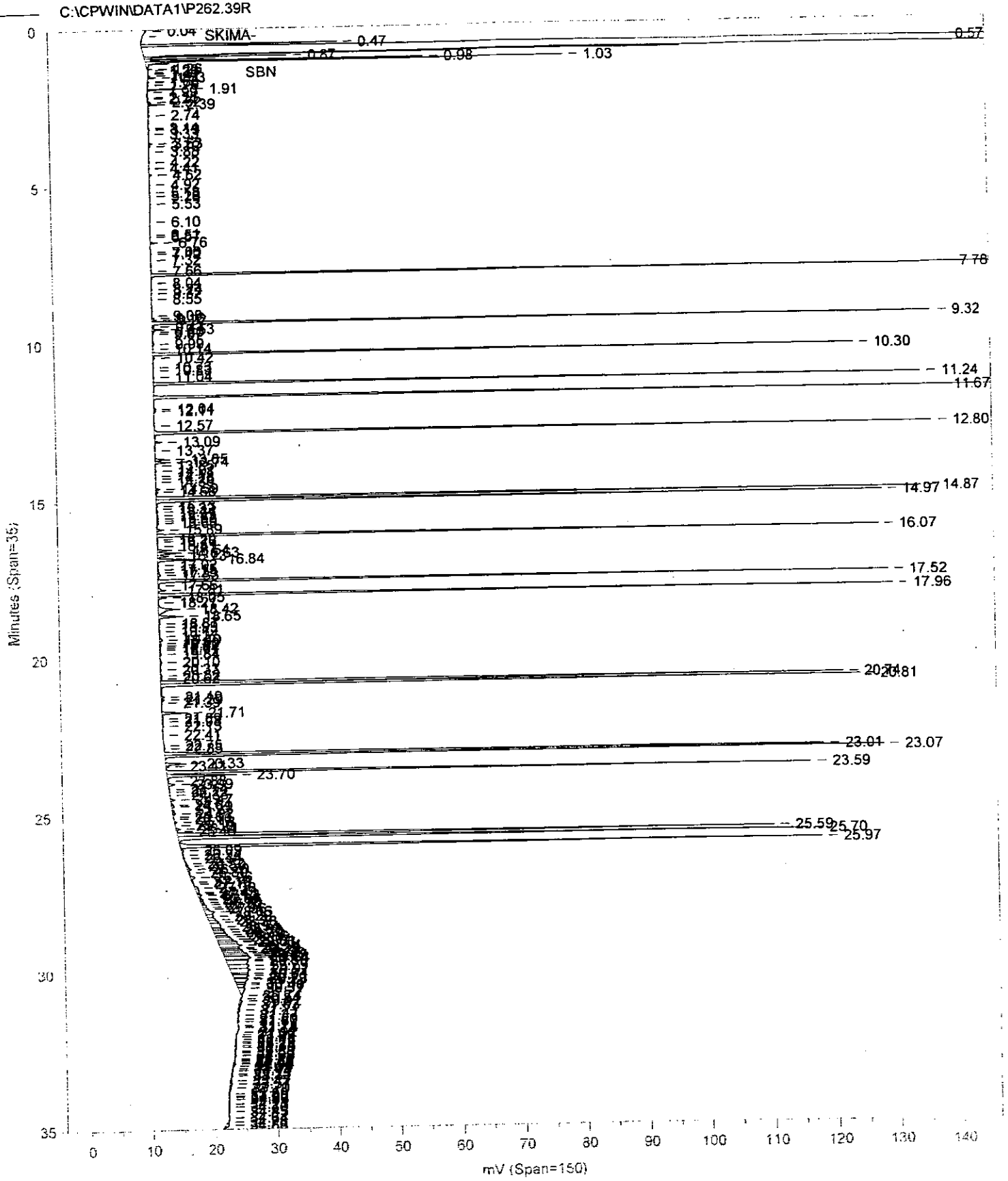
FILES:
Area File: C:\CPWIN\DATA1\P262.39A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 6:22:00 PM
File reported on: 9/19/2008 at 6:22:00 PM

ASX85 1266

MA EPH

MAAR30832D CIMAAR3CI CCAL 0826199999

C:\CPWIN\DATA1\P262.39R



6SX85 1267

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 **********

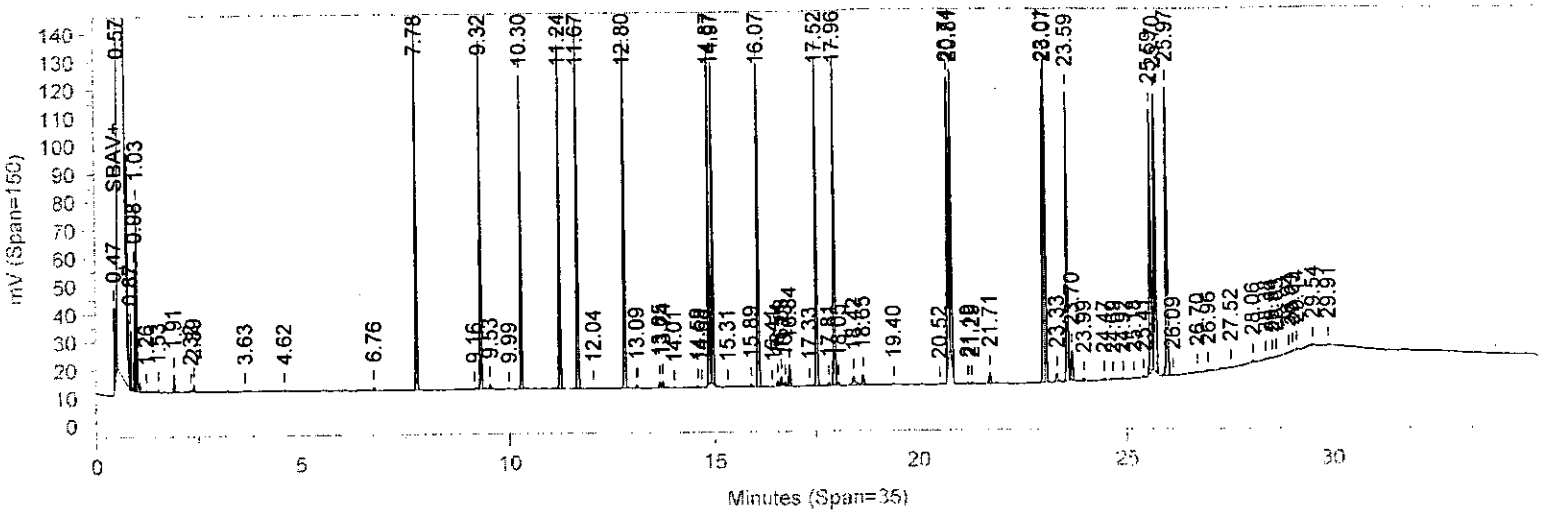
Unadjusted Aromatics AREA (C11- C22) = 5374421
Unadjusted Aromatics AMOUNT (C11- C22) = 185.1655 PPM* − 20.31 = $\frac{164.86}{170}$ × 100 = 96.97

* 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

ASX85 1260

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

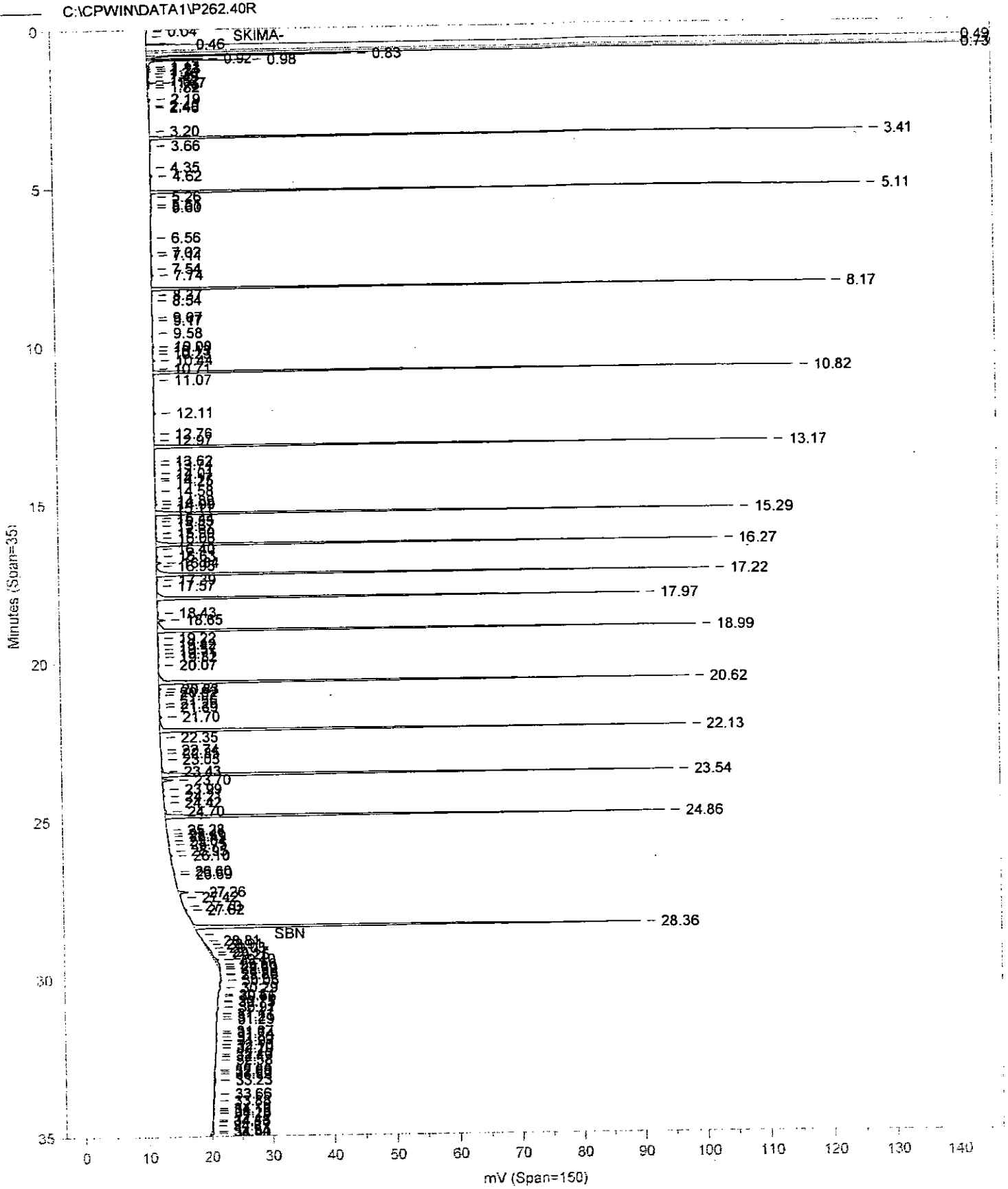
ASX05 1269

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



ASX05 1270

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

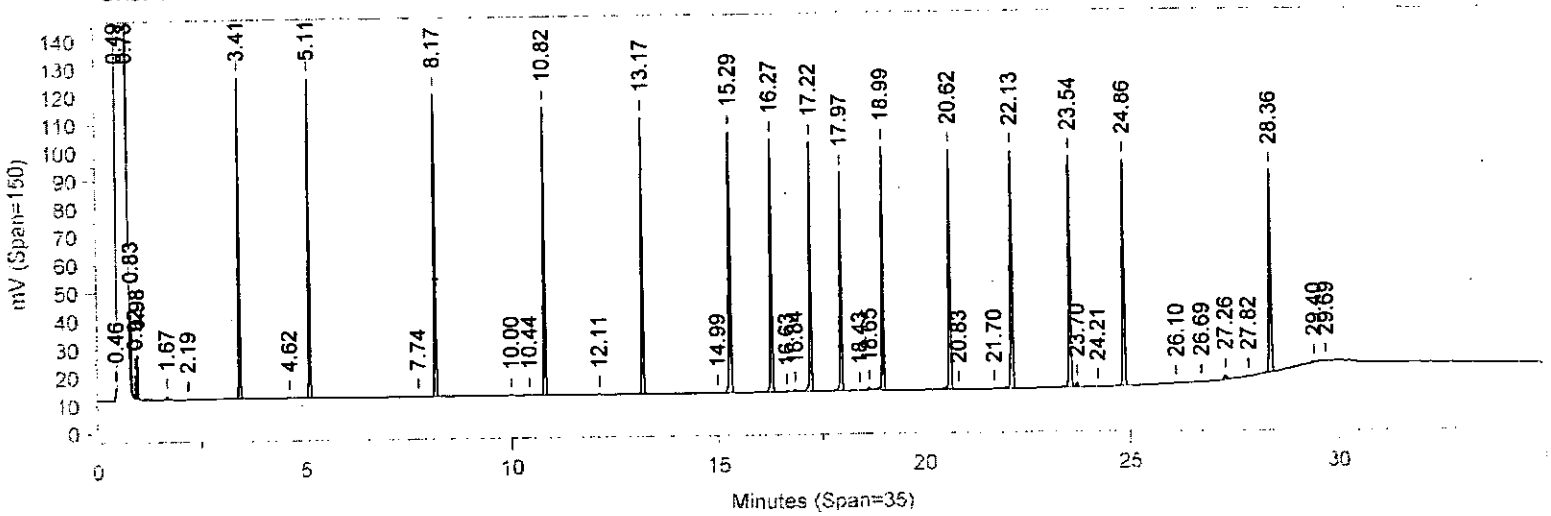
Unadjusted Aliphatics AREA (C19- C36) = 2230040
Unadjusted Aliphatics AMOUNT (C19- C36) = 77.7951 PPM* − 9.46 = $\frac{66.34}{80}$ × 100 = 85.42

* 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

ASX05 1271

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

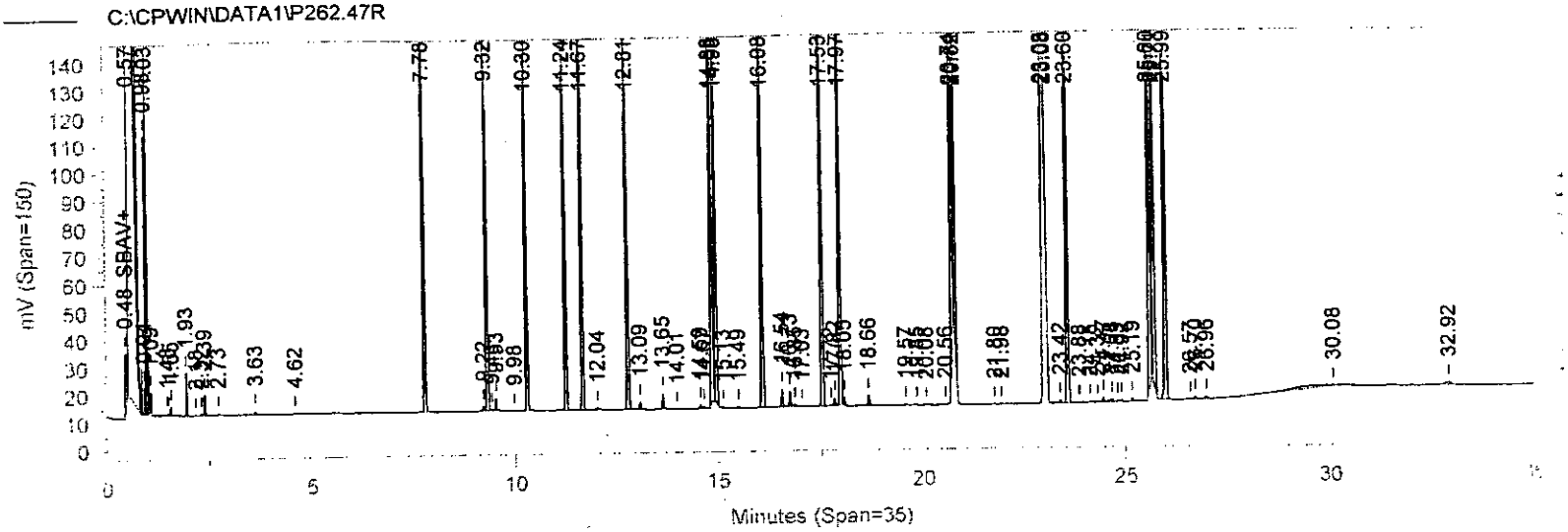
1-CHLOROOCTADECANE % RECOVERY = 45.77519 %

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

ASX05 1272

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	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

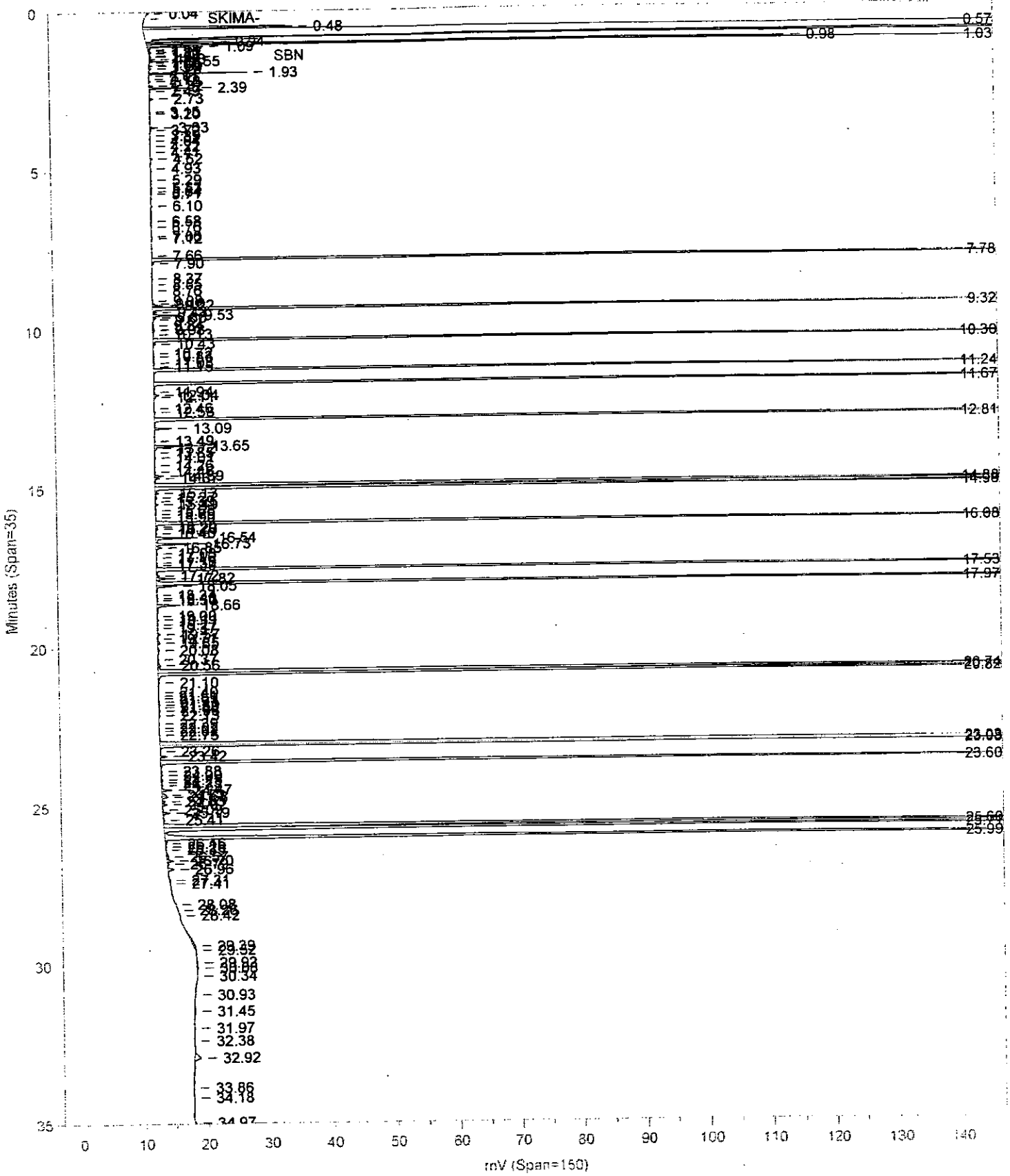
FILES:
Area File: C:\CPWIN\DATA1\P262.47A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/20/2008 1:07:34 AM
File reported on: 9/20/2008 at 1:07:33 AM

ASX05 1273

MA EPH

MAAR40832D ZJMAAR4ZJ CCAL 0826299999

C:\CPWIN\DATA1\P262.47R



ASX85 1274

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 **********

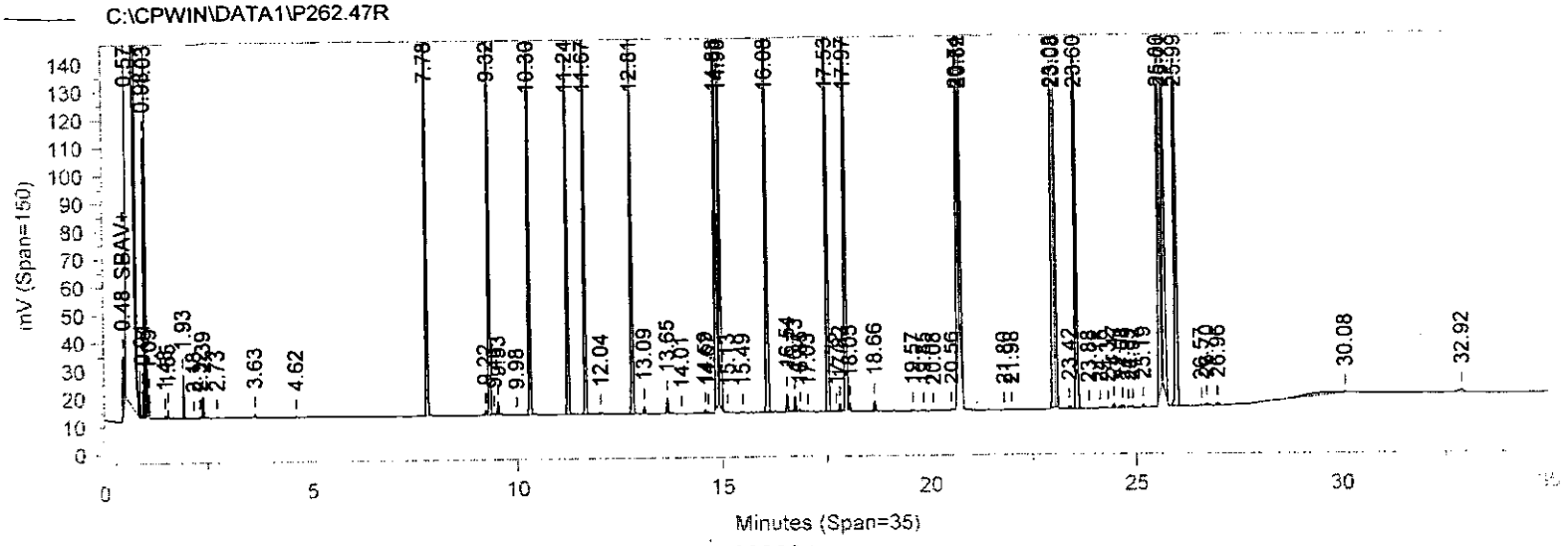
Unadjusted Aromatics AREA (C11- C22) = 1.292248E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 445.2196 PPM* − 50.52 = 394.70 / 425 × 100 = 92.87

* 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

ASX85 1275

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

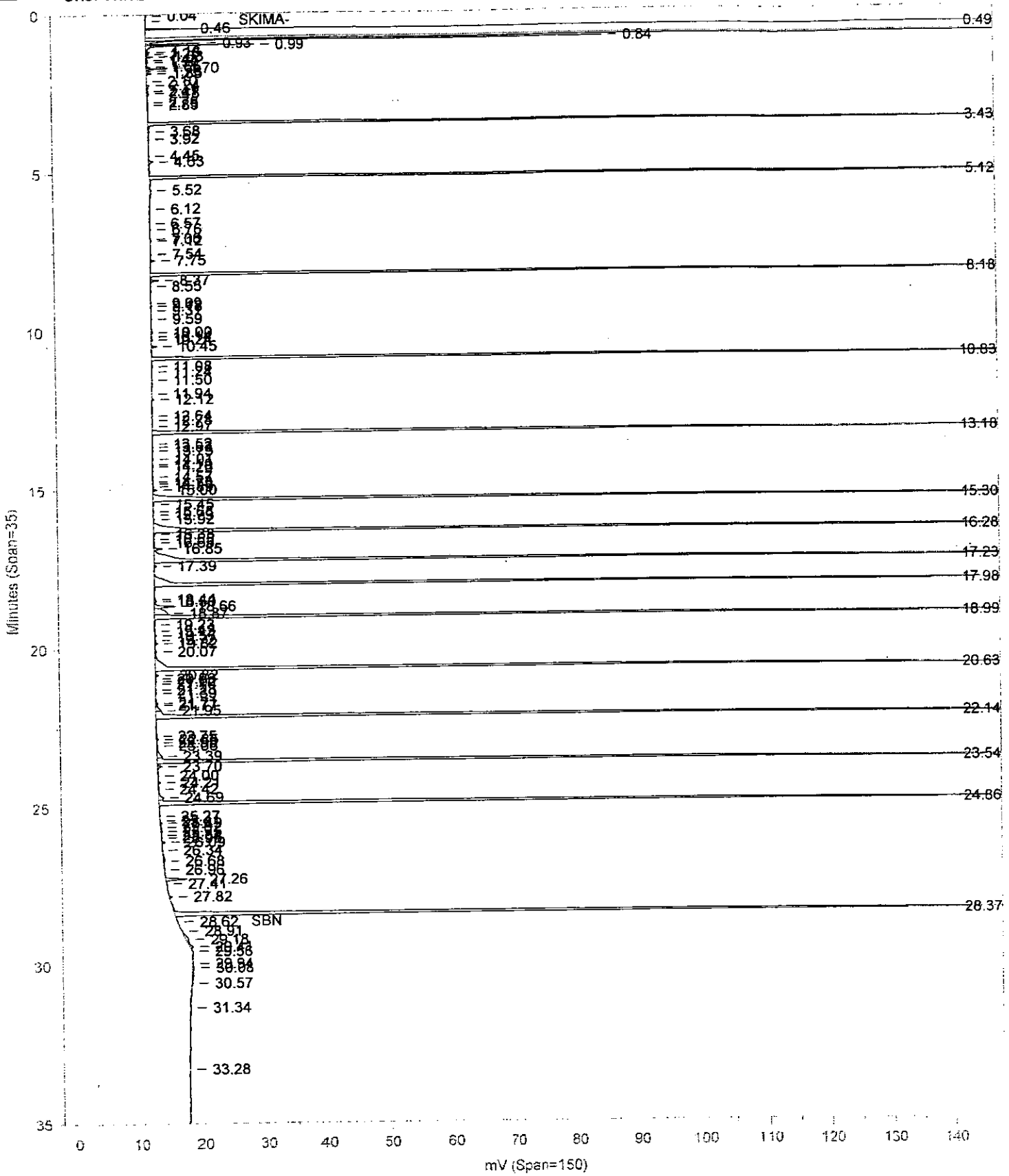
M = Manually Integrated
Analyst Gayle 9/22/08
Approved by RMB 3-15
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

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



ASX05 1277

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

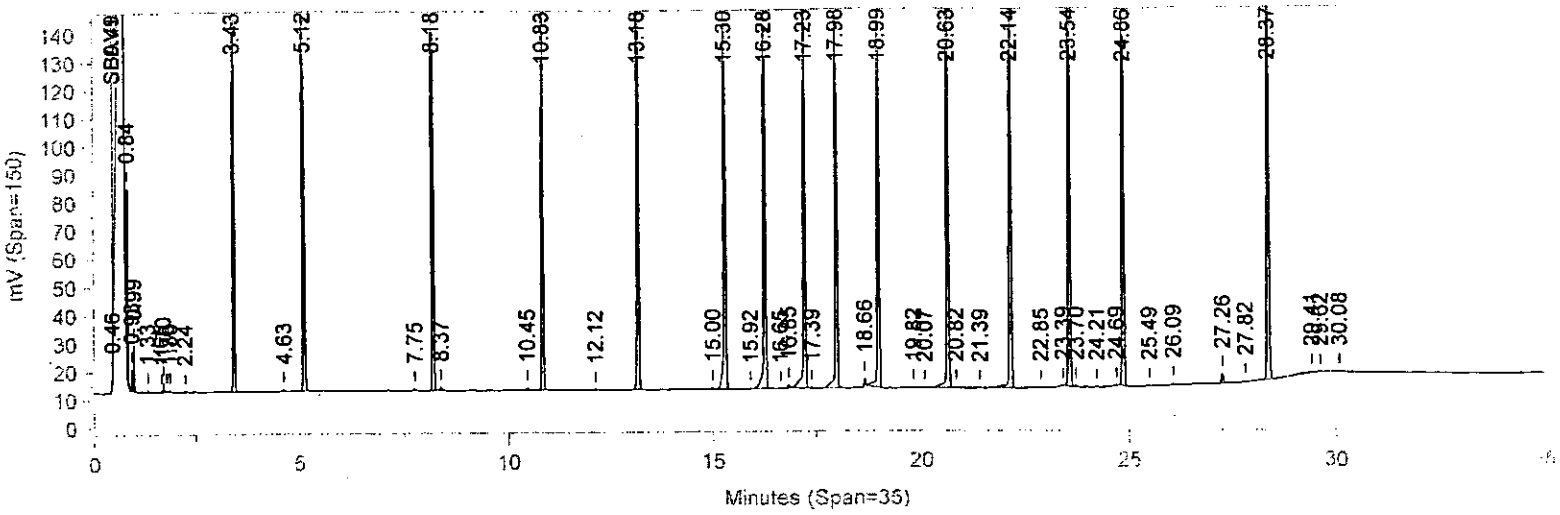
Unadjusted Aliphatics AREA (C19- C36) = 5409694
Unadjusted Aliphatics AMOUNT (C19- C36) = 188.7176 PPM* - 23.27 = $\frac{165.45}{200}$ x 100 = 82.72

* 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

ASX05 1278

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

ASX05 5279

Raw QC Data

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: Break through of 1-Cl C18

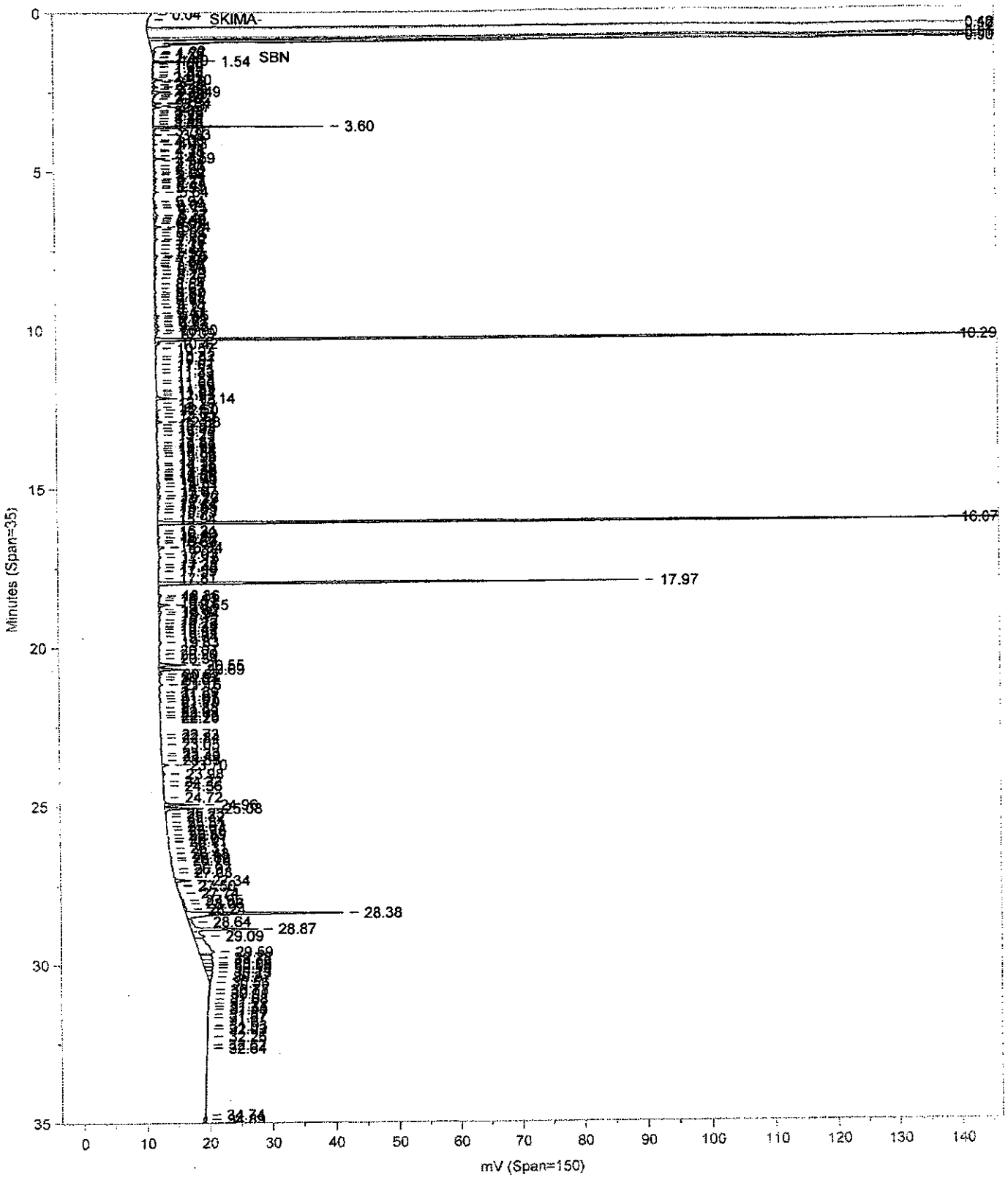
Reviewed by: Compson Date: 9/23/08
Verified by: MCB/375 Date: 9-23-08

ASX05 1281

MA EPH

BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332

C:\CPWIN\DATA1\P262.41R



Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10

Injected on: 9/19/2008 7:29:20 PM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

ASX05 1202

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 **********

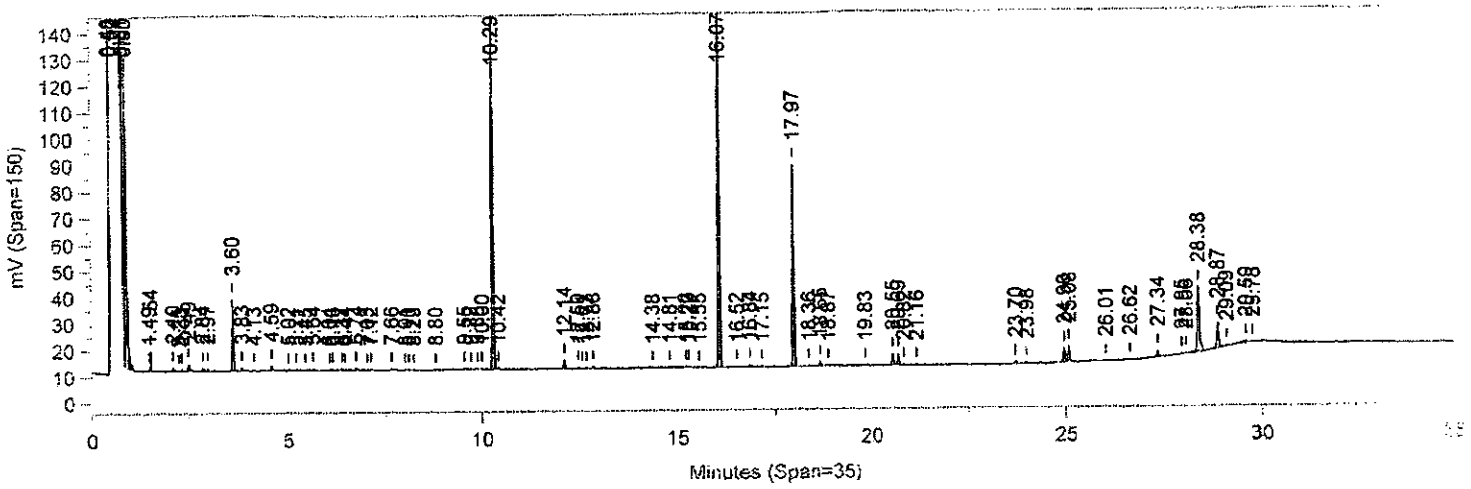
Unadjusted Aromatics AREA (C11- C22) = 1372793
Unadjusted Aromatics AMOUNT (C11- C22) = 4.729696 PPM*

* 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

ASX05 1203

MA EPH
BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332
C:\CPWIN\DATA1\P262.41R



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

ASX05 1284

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

ASX05 1285

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

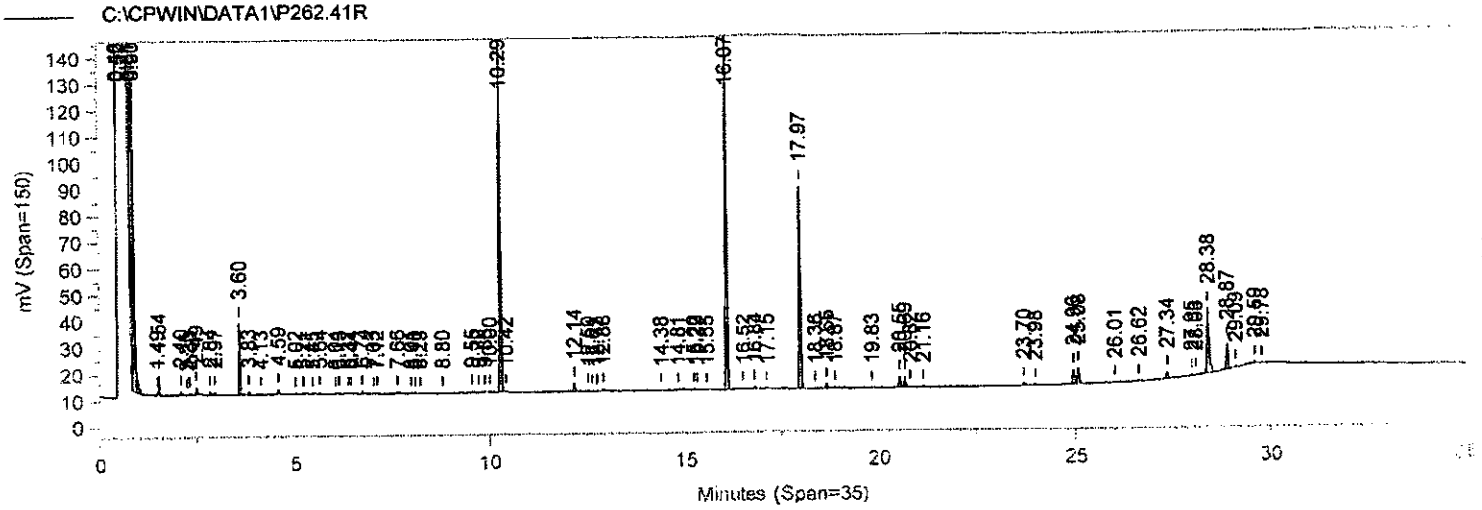
Unadjusted Aliphatics AREA (C19- C36) = 230651.4
Unadjusted Aliphatics AMOUNT (C19- C36) = 0.8046293 PPM*

* 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

ASX85 1286

MA EPH
BLANKA 9/2/08M ABPBLK0A BLK 082430018A 05332
C:\CPWIN\DATA1\P262.41R



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 %

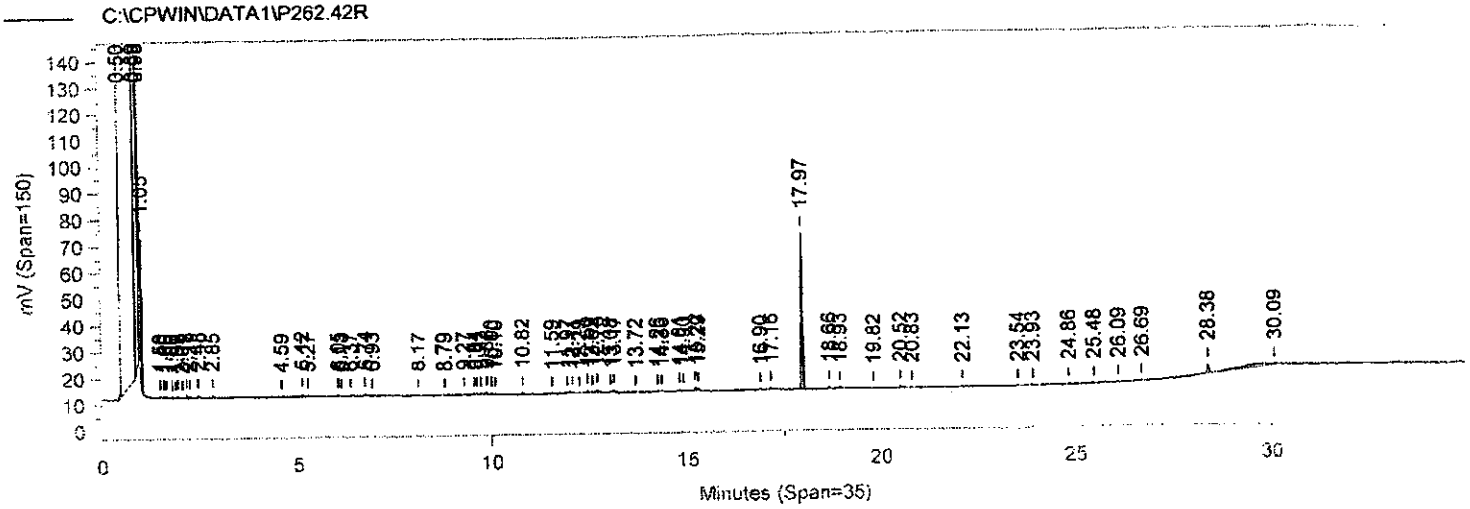
TOTAL SURROGATE AMOUNT = 0.9164273 PPM

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.
Comp
9/22/08

ASX05 1287

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

ASX05 5288

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~~	3.64 ~~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:

Reviewed by: Gerryn Date: 9/23/08
Verified by: NM/375 Date: 9-23-08

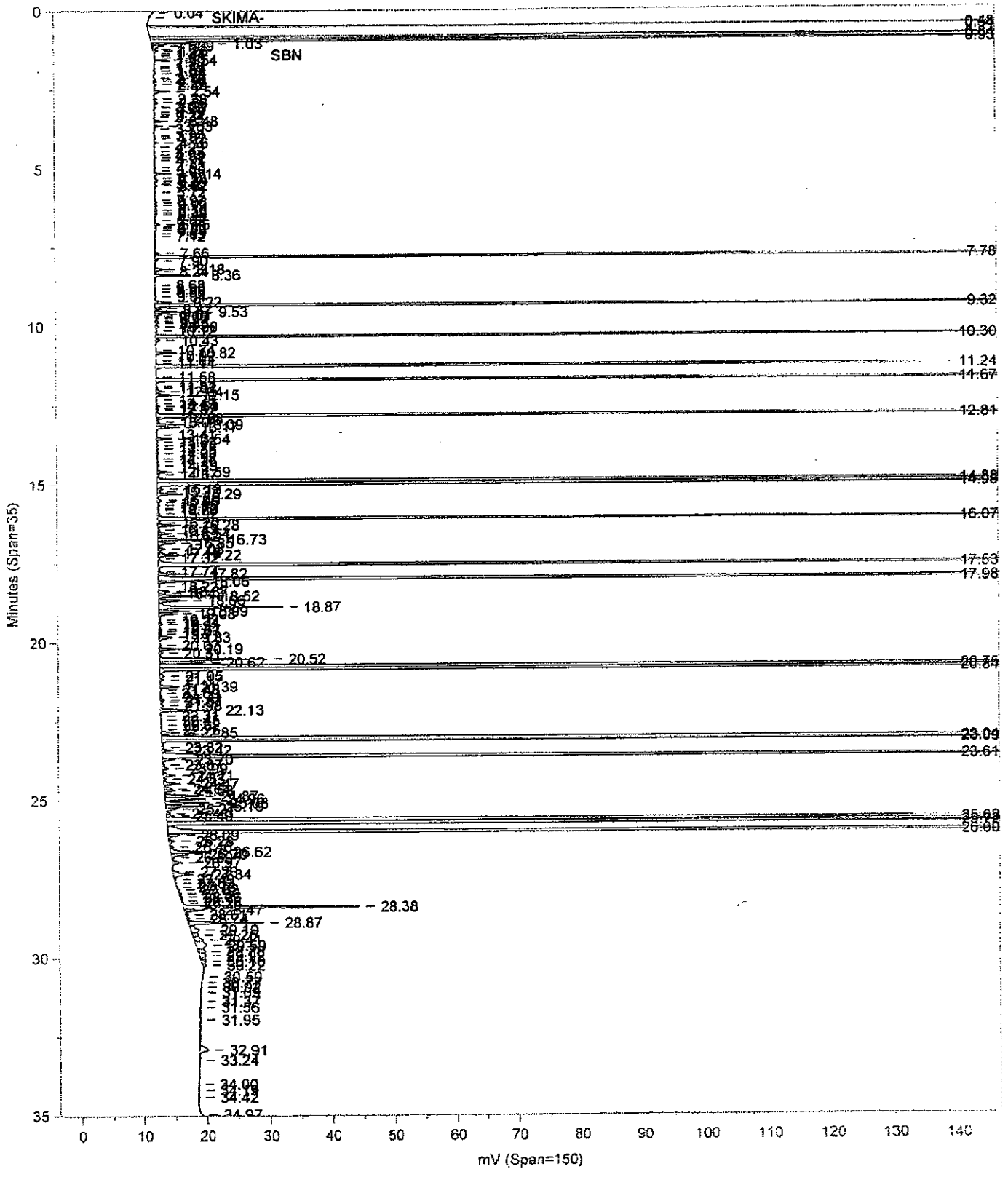
ASX05 1289

9/22/08 12:57

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

ASX05 1298

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 **********

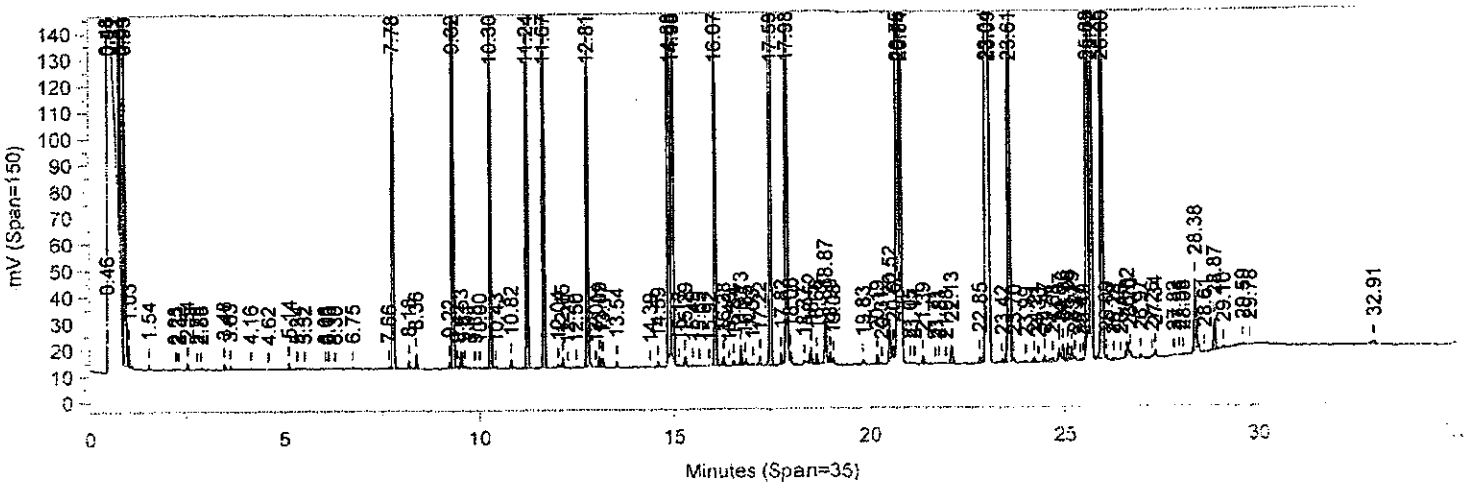
Unadjusted Aromatics AREA (C11- C22) = 1.950339E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 67.19524 PPM*

* 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

ASX05 1291

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 %

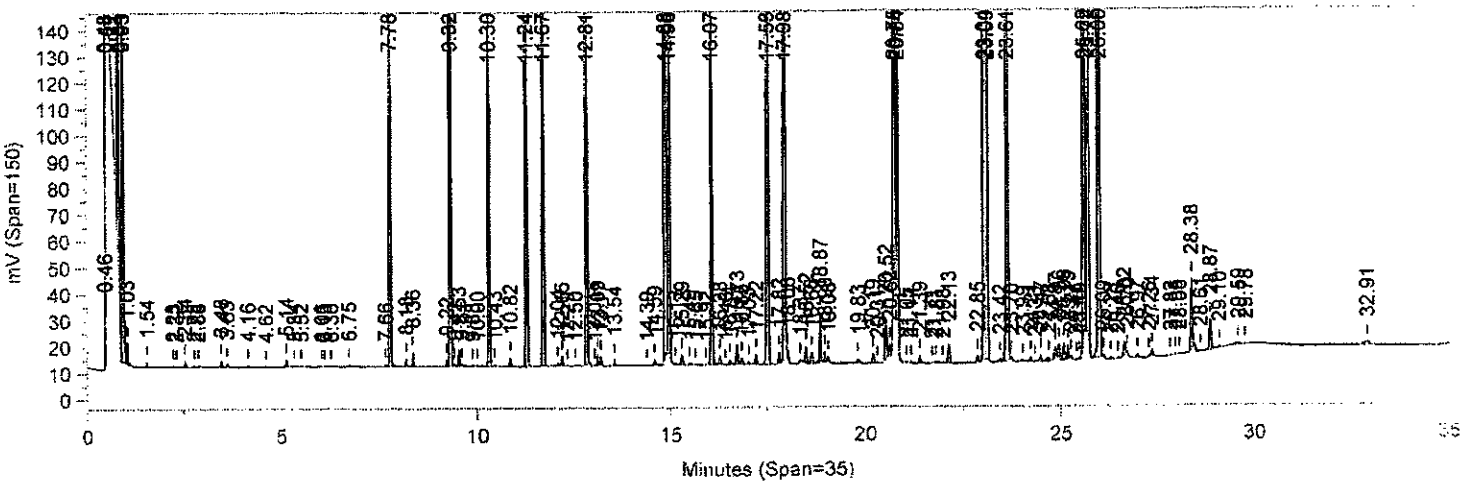
TOTAL SURROGATE AMOUNT = 4.378322 PPM

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

ASX05 1292

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 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 [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

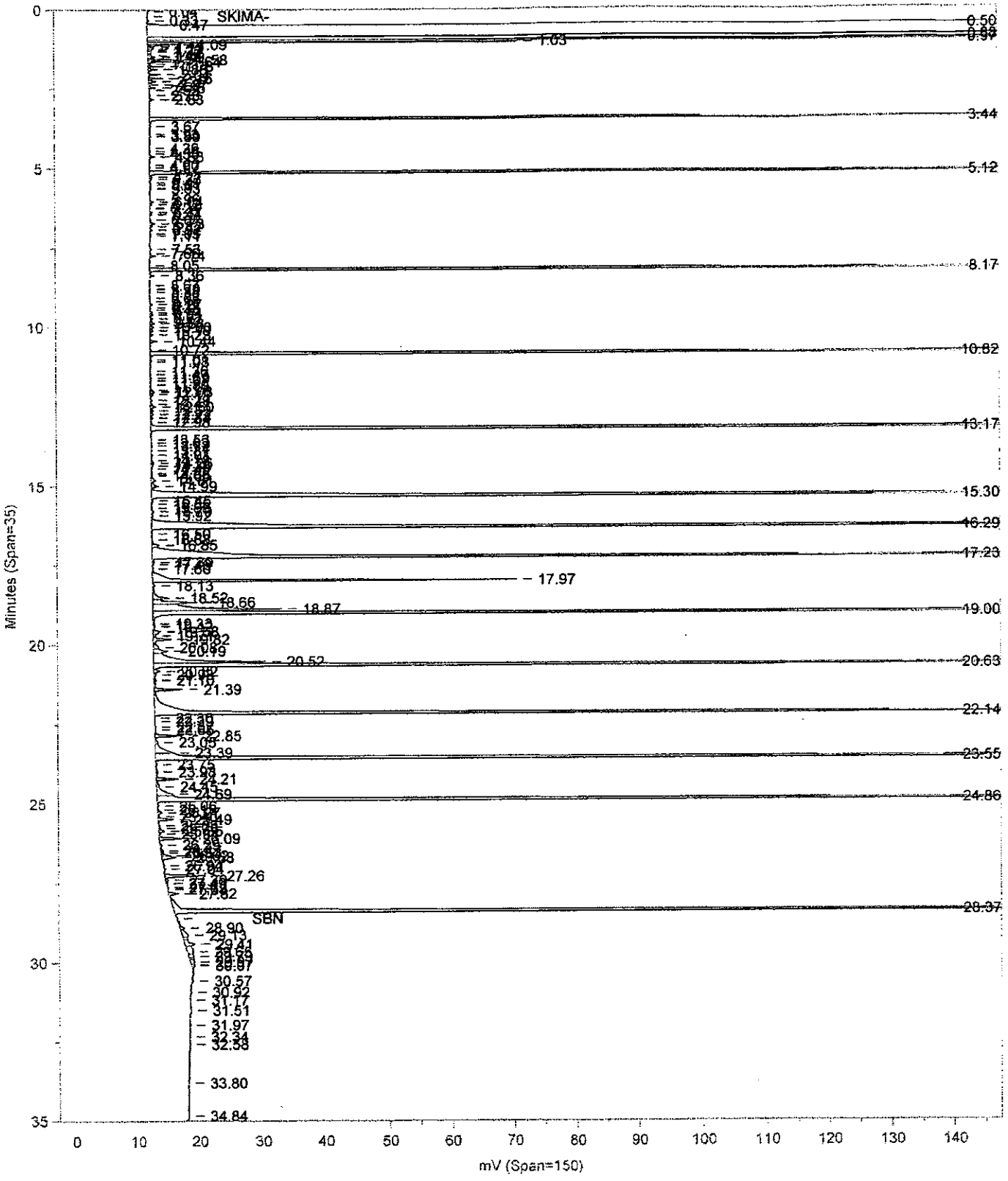
FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/22/2008 11:31:08 AM
File reported on: 9/22/2008 at 11:31:08 AM

ASX05 1293

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

ASX05 1294

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

ASX05 1295

MA EPH
LCSA 9/2/08P ACLCSCH LCS 082430018A 05332
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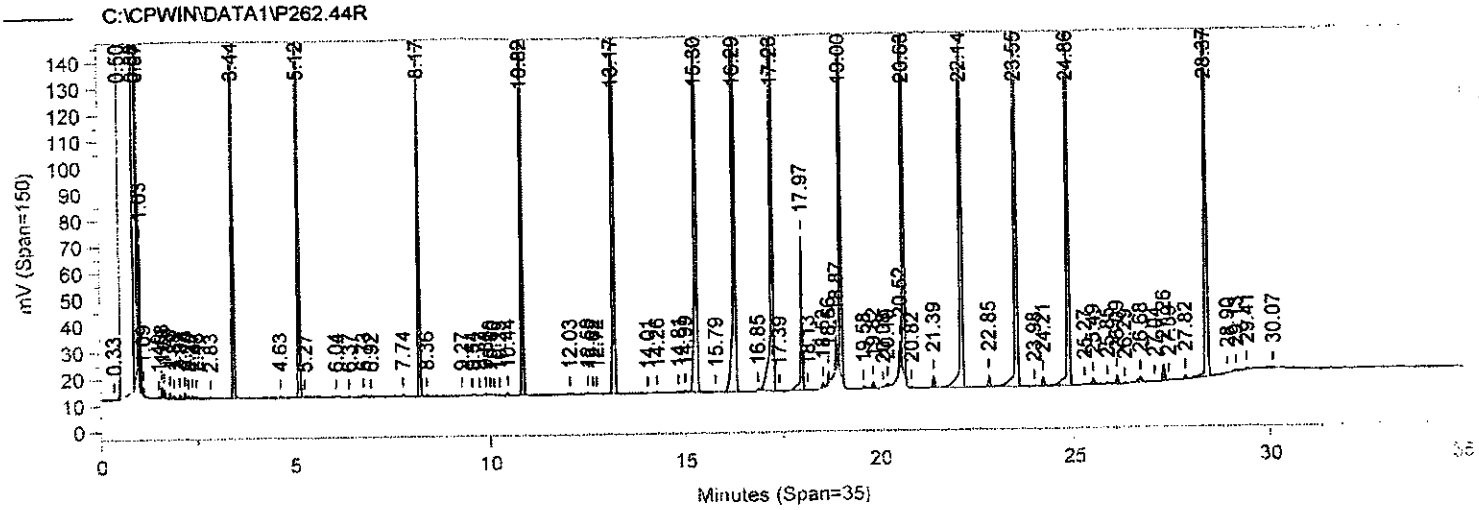

Sample Name:LCSA 9/2/08P ACLCSCH LCS 082430018A 05332A

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

ASX05 1296

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:

Reviewed by: [signature] Date: 9/23/08
Verified by: [signature] 375 Date: 9-23-08

ASX05[illegible]1297

9/22/08 12:58

MA EPH

LCSDA 9/2/08M ABLCSDF0 LCSD 082430018A 05332

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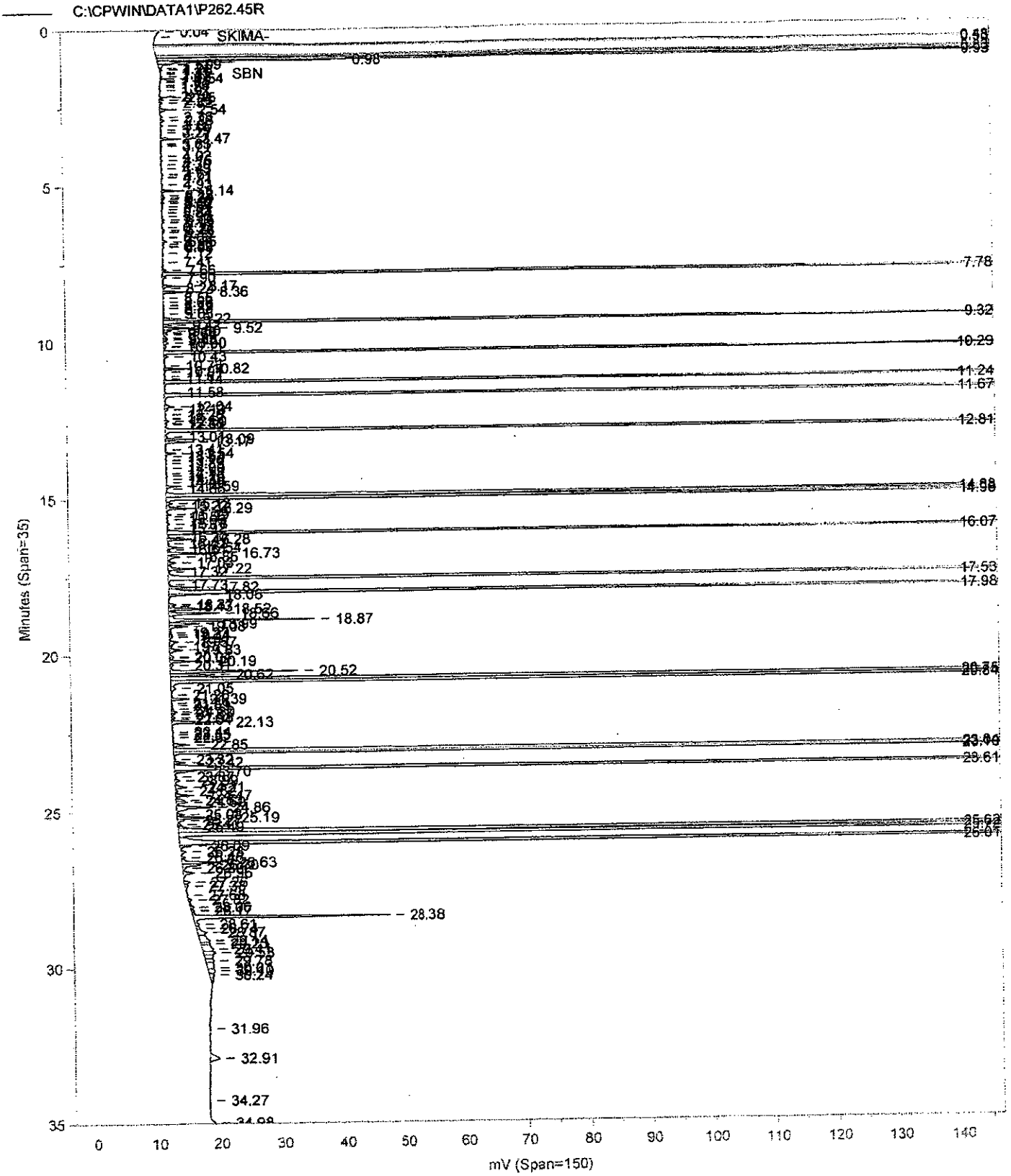


Instrument ID:CP25--H6610A

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

ASX85 1298

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 **********

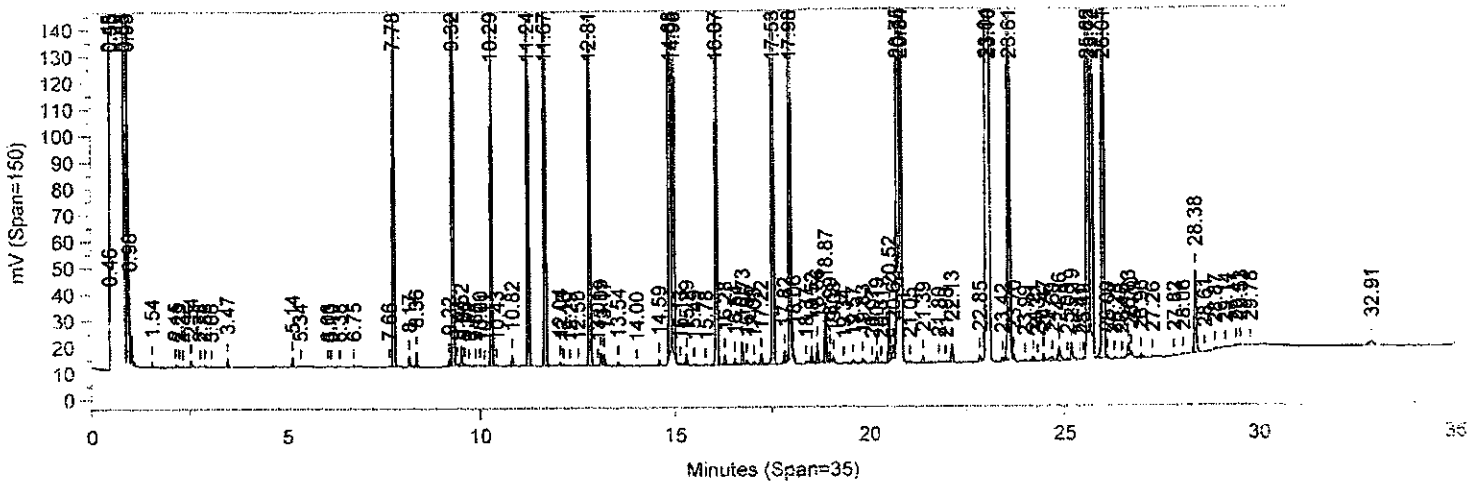
Unadjusted Aromatics AREA (C11- C22) = 2.172481E+07
Unadjusted Aromatics AMOUNT (C11- C22) = 74.84873 PPM*

* 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

ASX05 1299

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 %

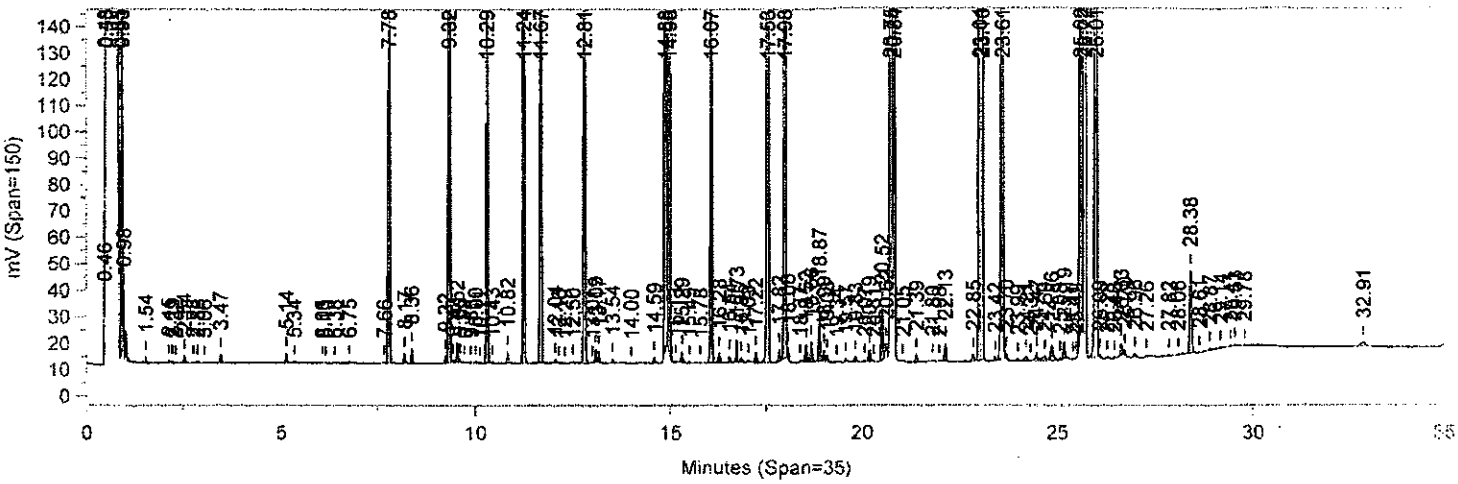
TOTAL SURROGATE AMOUNT = 4.693796 PPM

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

ASX05 1300

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 6mm 9/22/08
Approved by MB/375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

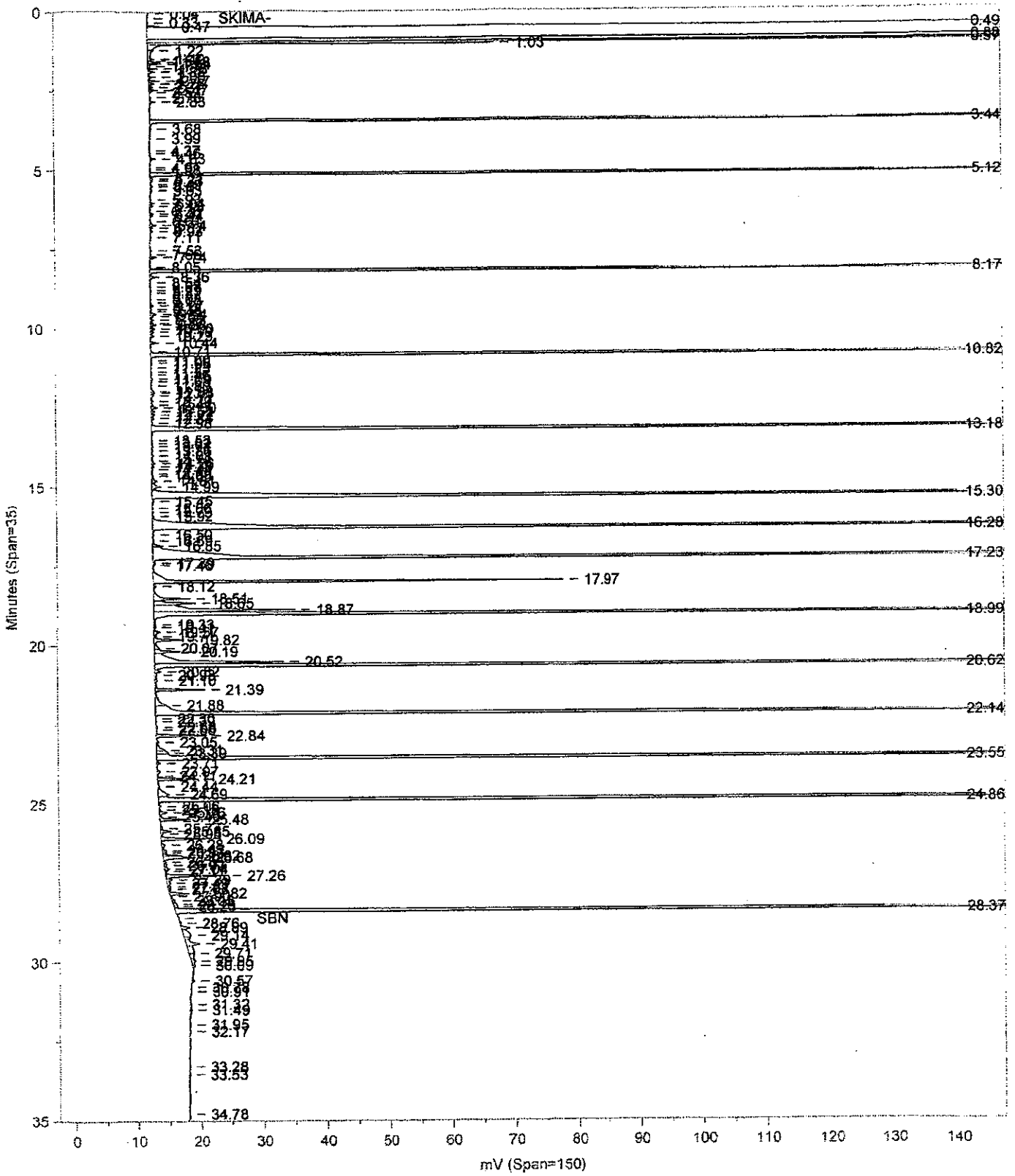
ASX05 1381

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

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

ASX05 1302

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

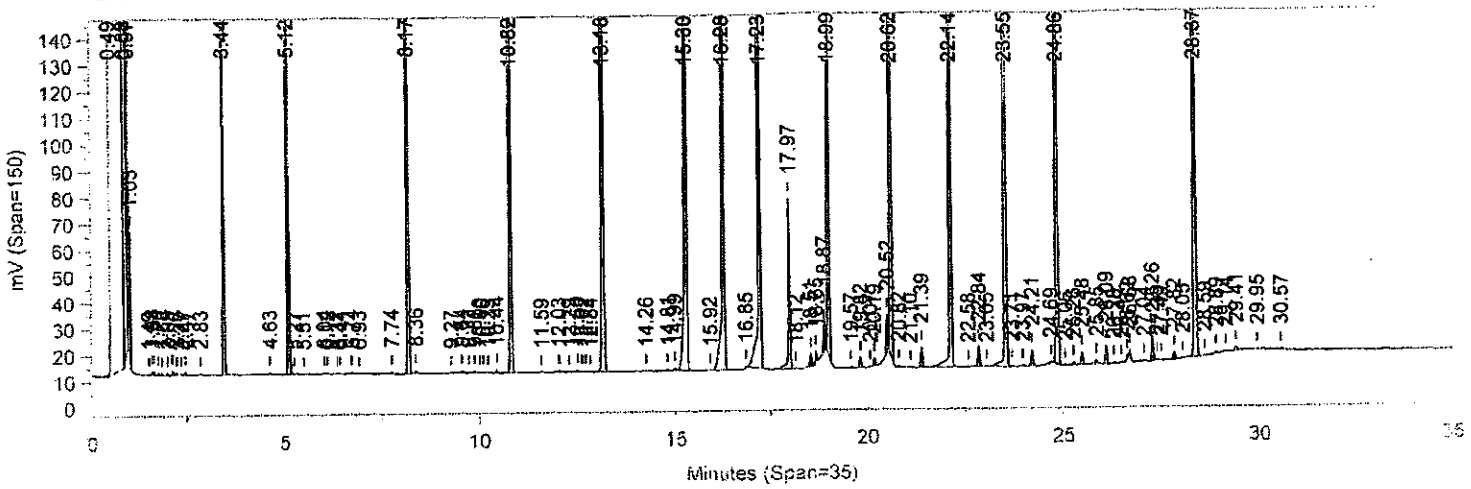
Unadjusted Aliphatics AREA (C19- C36) = 8098335
Unadjusted Aliphatics AMOUNT (C19- C36) = 28.2511 PPM*

* 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

ASX05 1303

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

ASX05 1384

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		~~15~~.4735	12	12		ppm
C11-C22*MDL		7.69 - 26.07	23000680		~~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 ~~436159~~	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 PAH 66.04

Comments:

Reviewed by: Date: 9/23/08
Verified by: Date:

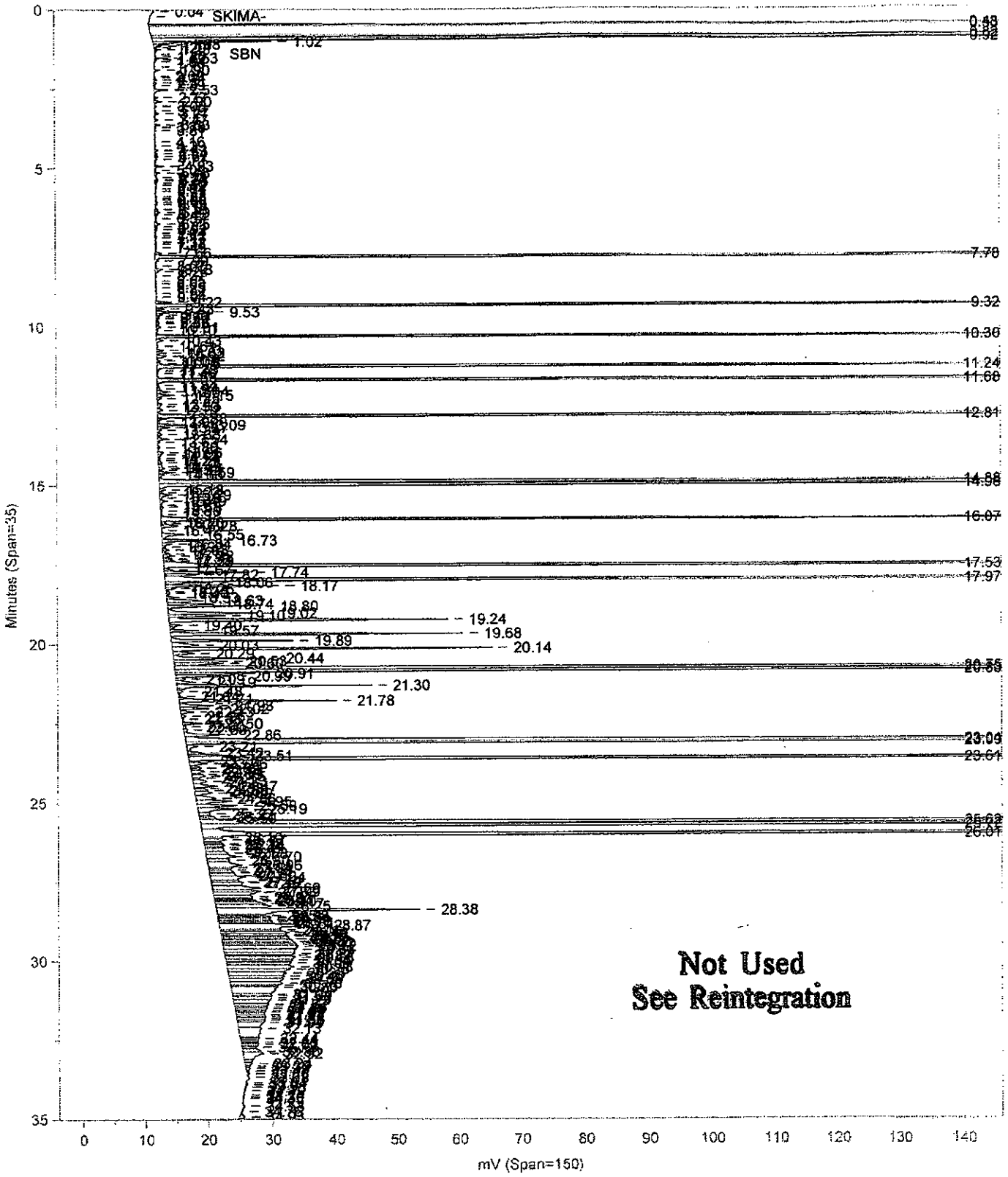
ASX05 1385

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

ASX05 1306

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 area= 21055520.0
Total slice amount %= 100.0 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

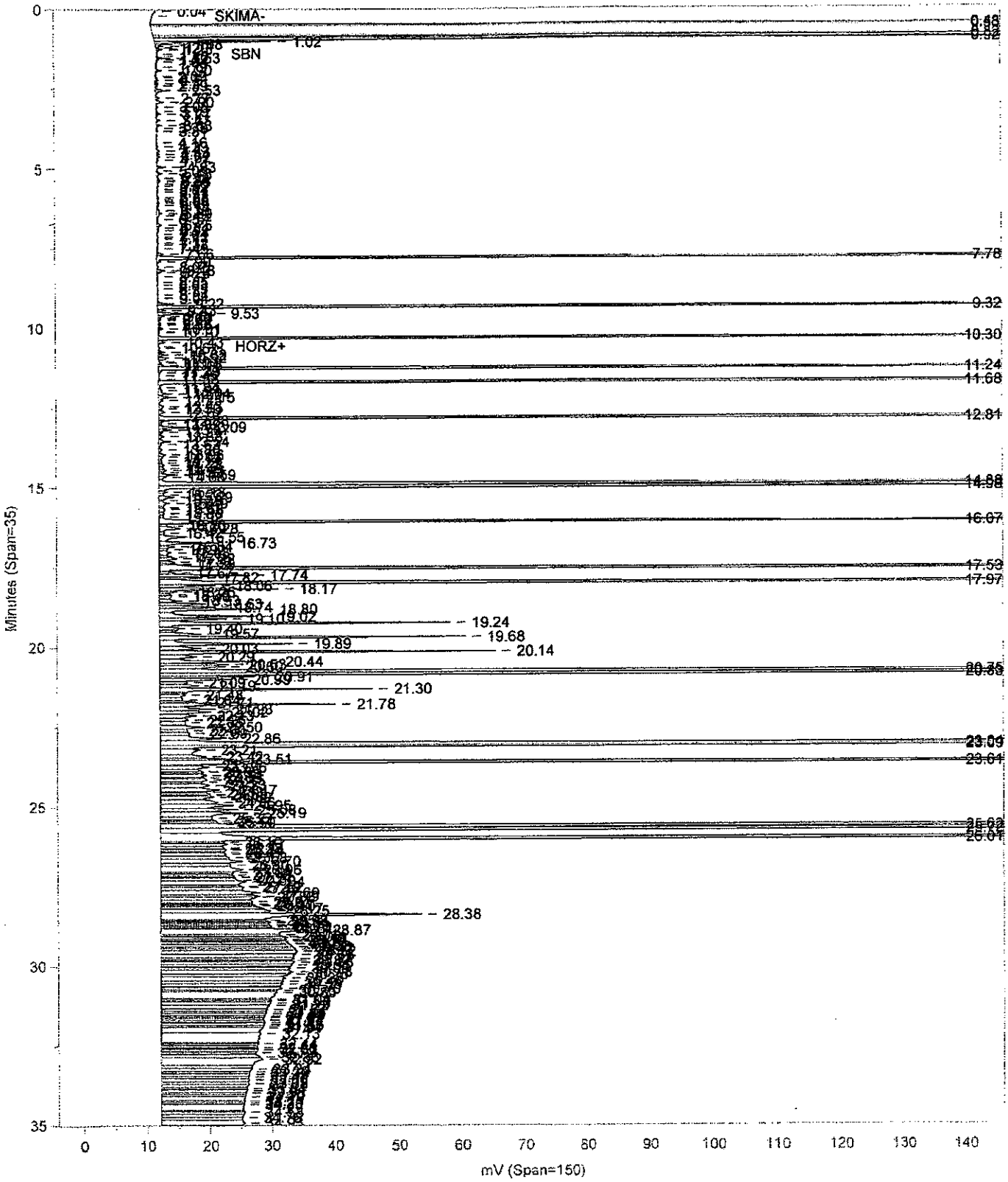
Not Used
See Reintegration

ASX85 1307

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

ASX05 1308

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*

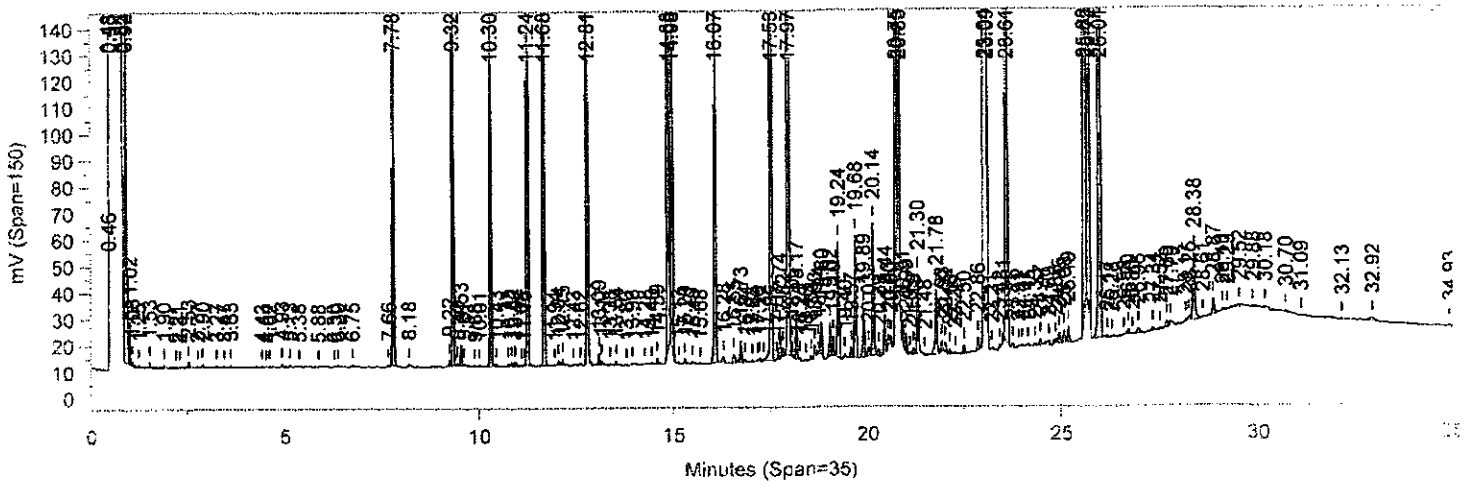
* Needs to have surr. amt. (from replot) subtracted!

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

ASX05 1389

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

ASX85 1310

MA EPH
5454446MSM ABAMS33MS MS 082430018A 05332
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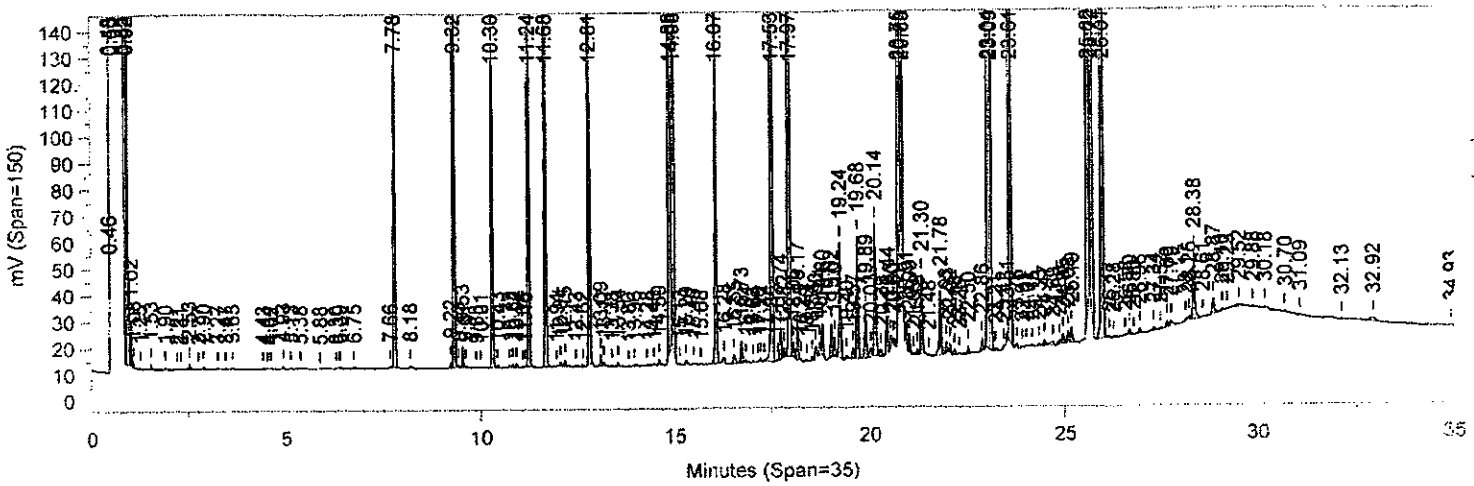


Sample Name:5454446MSM ABAMS33MS MS 082430018A 05332A

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

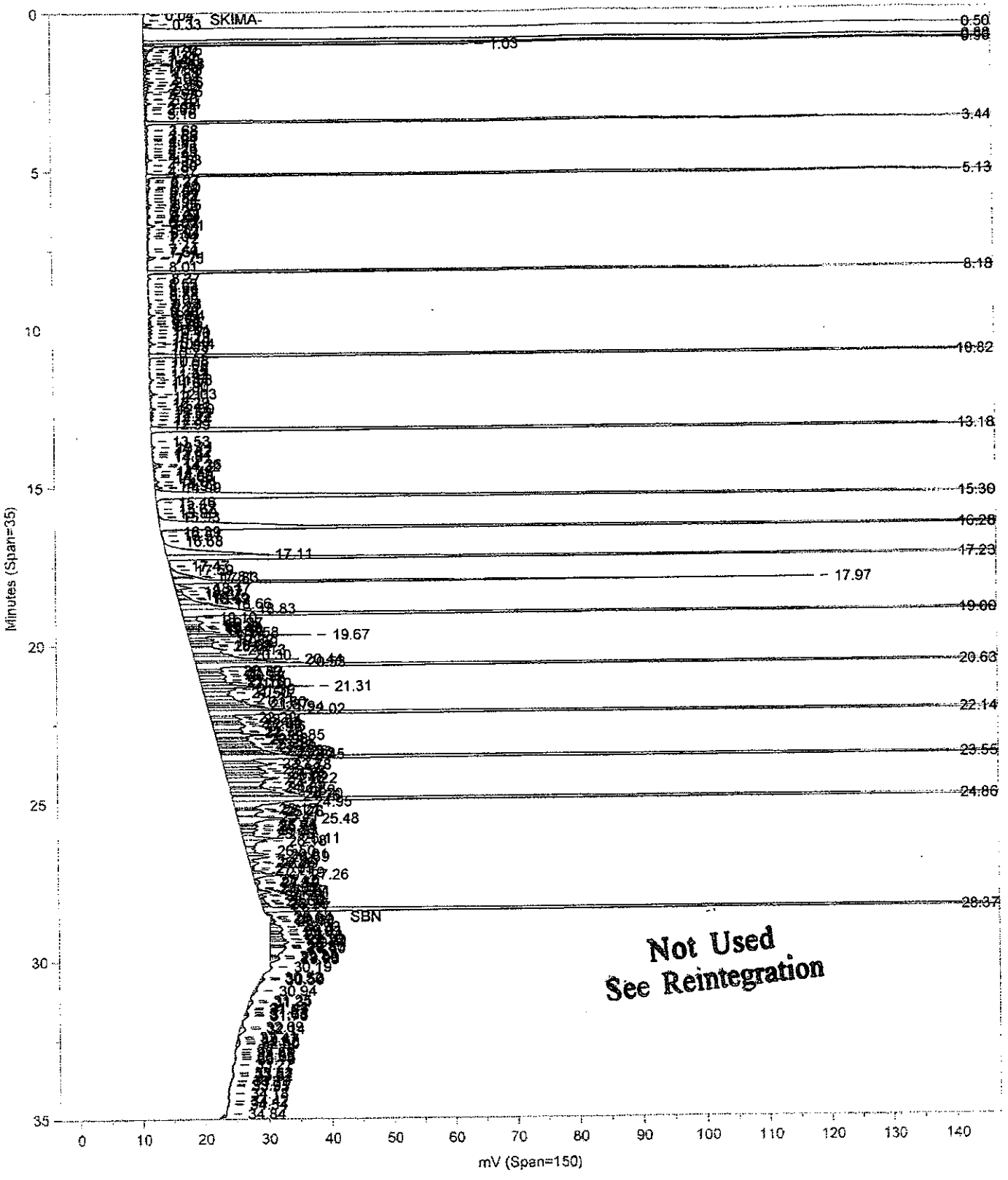
ASX85 1311

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

ASX05 1312

C:\CPWIN\DATA1\P262.36R

Printed on 9/19/2008 3:50:35 PM

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 amount %= 100.0

Total slice area= 14132320.0
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

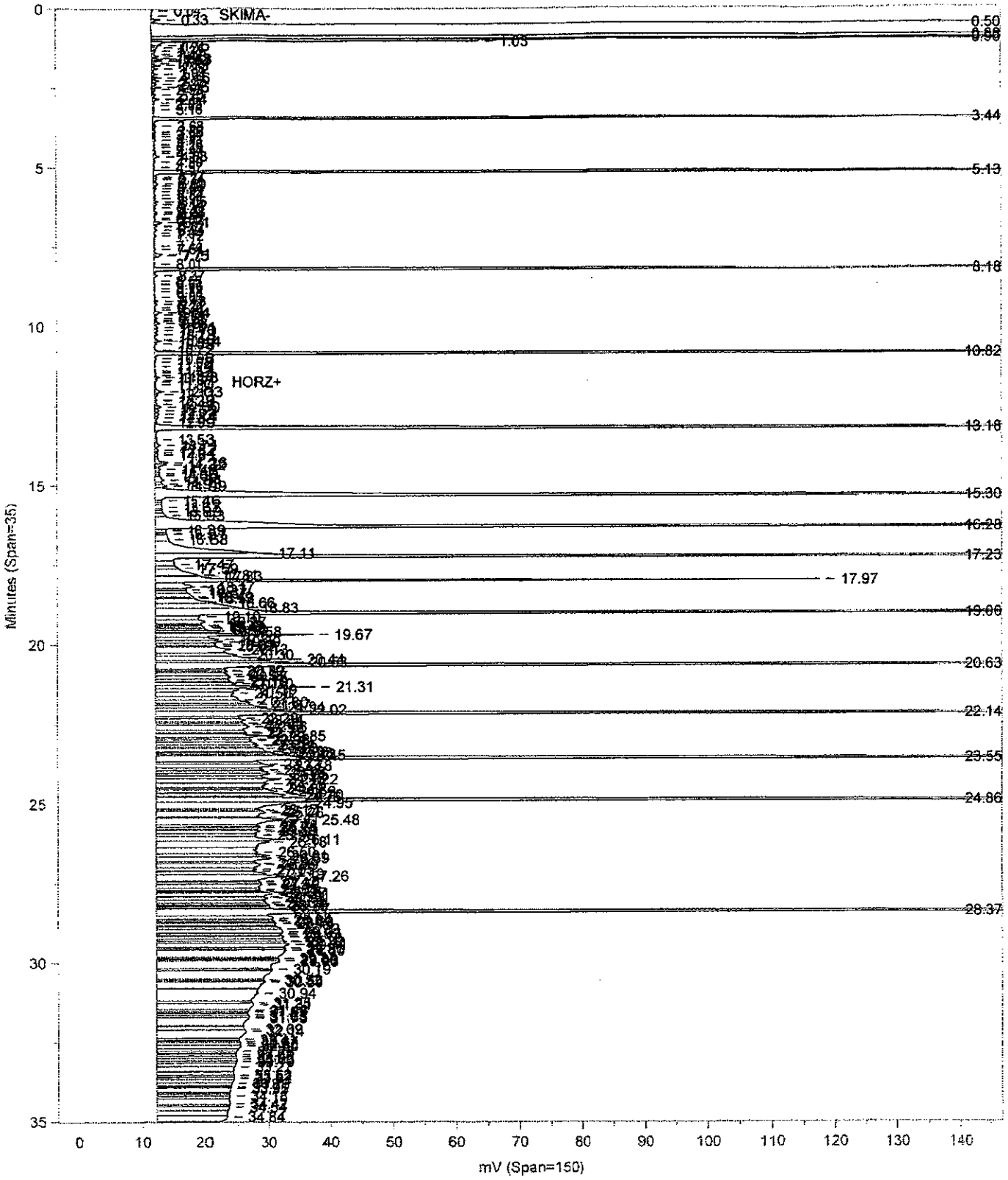
Not Used
See Reintegration

ASX05 1313

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

ASX85 1314

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 amount %= 100.0

Total slice area= 21056470.0
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!

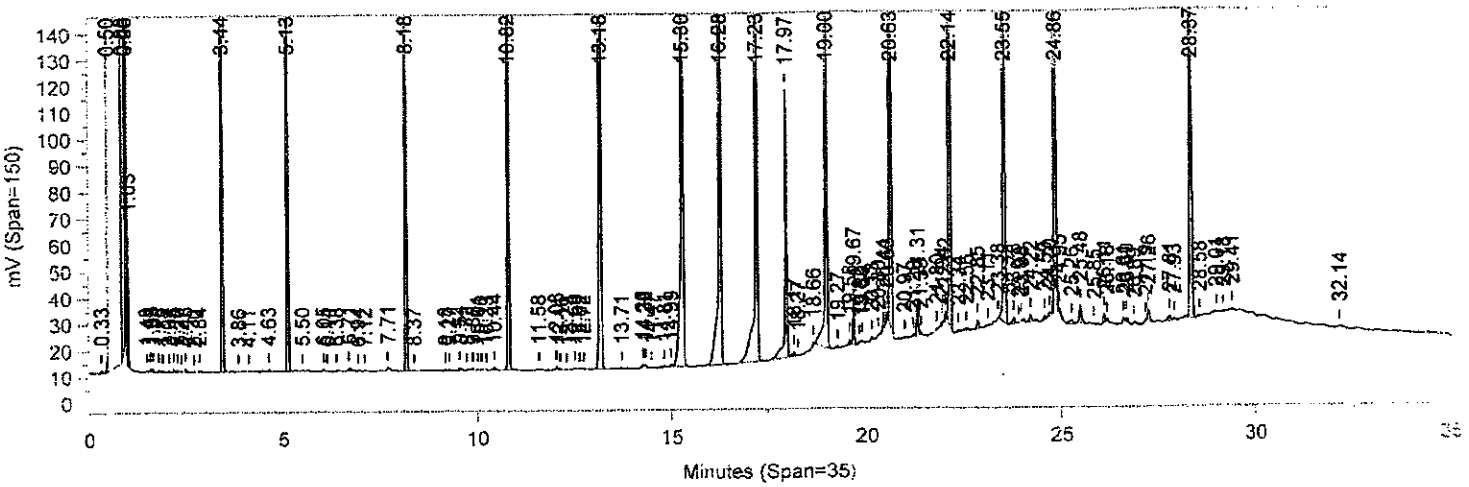
FILES:
Area File: C:\CPWIN\~RWPtmp.00A
Method File: C:\CPWIN\DATA1\ALIPPSUM.MET
Calibration File: C:\CPWIN\DATA1\MAPP242B.CAL
Format File: C:\CPWIN\DATA1\ALIPPSUM.FMT
Area file created on: 9/22/2008 11:01:22 AM
File reported on: 9/22/2008 at 11:01:21 AM

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 Gayan 9/22/08
Approved by [illegible] 375
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX05 1315

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

ASX85 1316

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 ~~24.9~~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	1011823 ~~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:

Reviewed by: Date: 9/23/08
Verified by: Date:

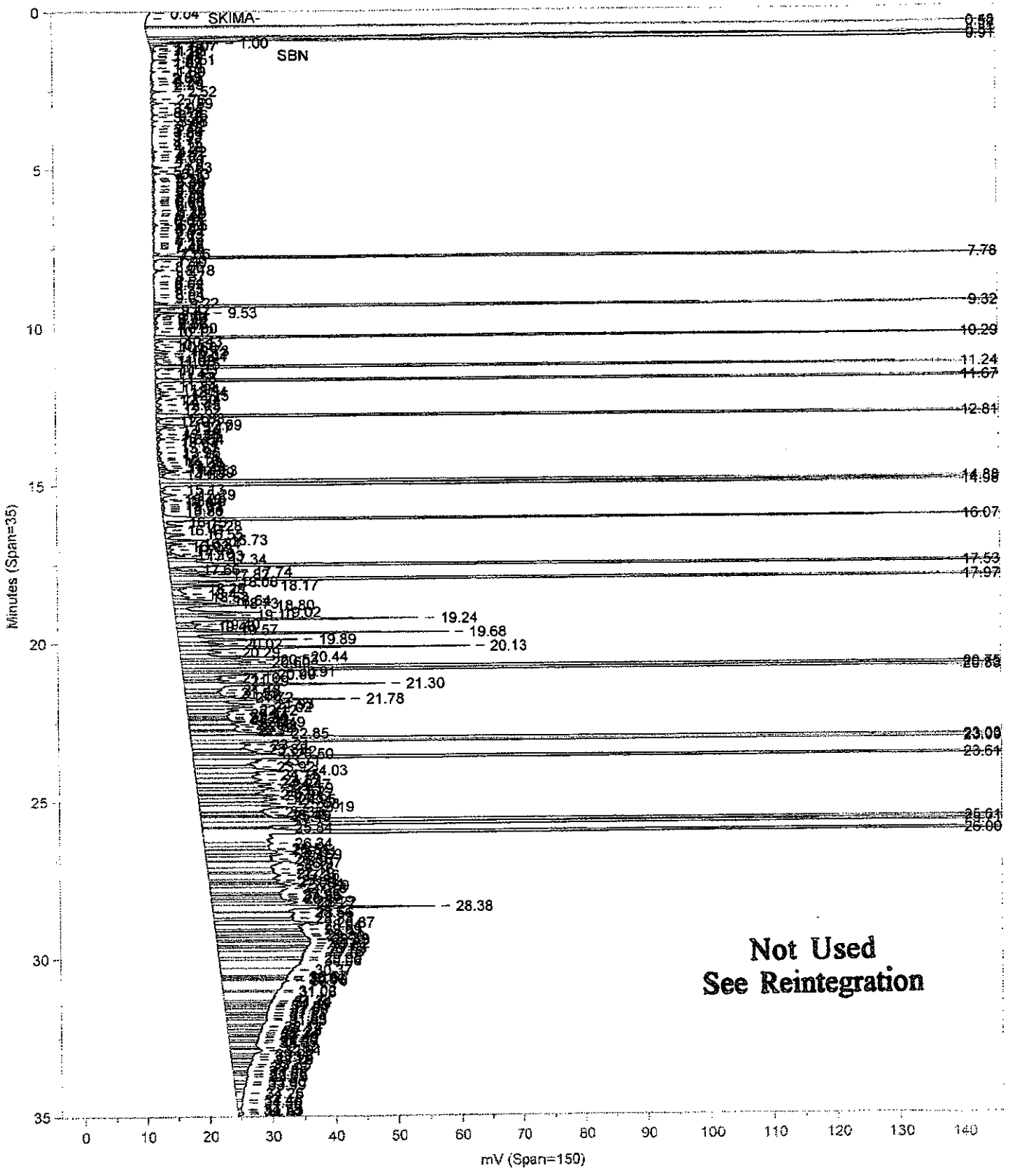
ASX05 1317

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

ASX05 1318

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 amount %= 100.0

Total slice area= 21576740.0
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

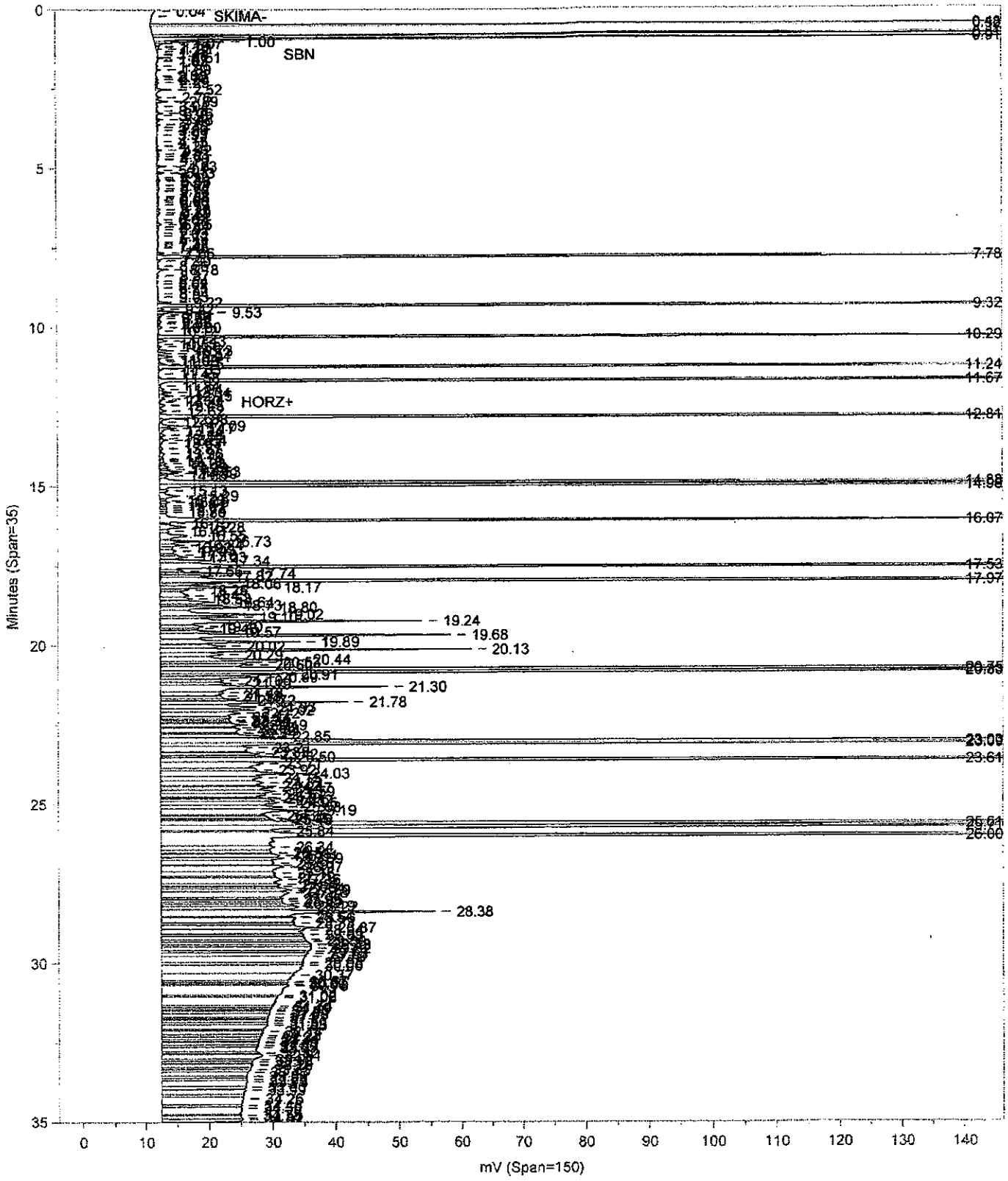
Not Used
See Reintegration

aSX05 1319

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

ASX05 1320

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*

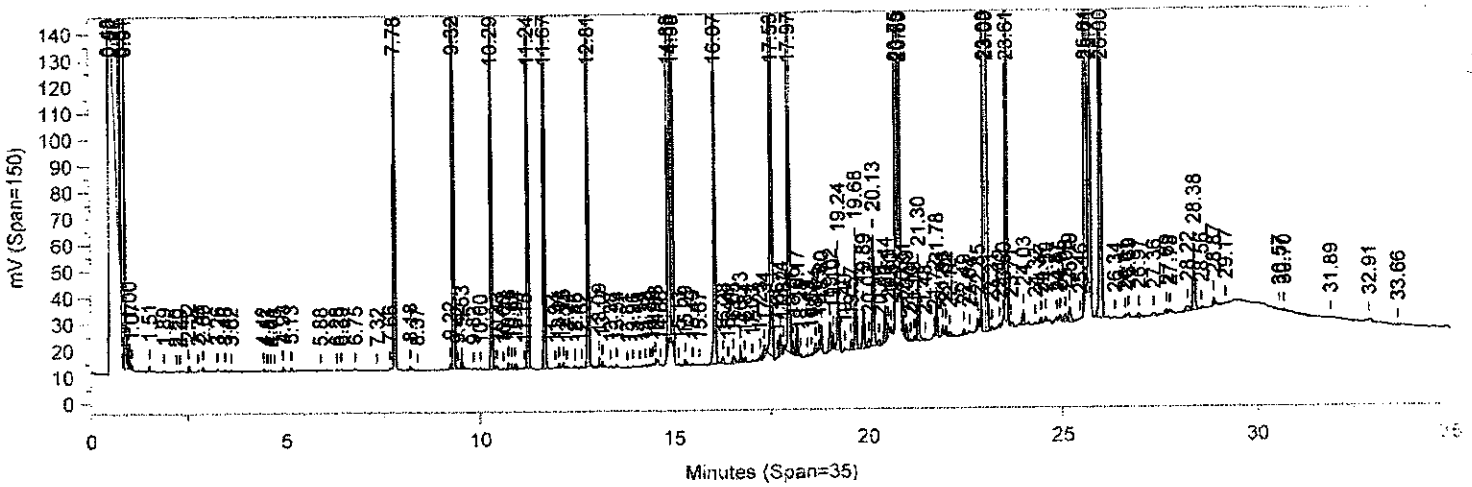
* Needs to have surr. amt. (from replot) subtracted!

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 9/22/08
Approved by
Circle Reason 1 2 3 4
1 = Missed Peak
2 = Improper Baseline
3 = RT Update
4 = Other

ASX05 1321

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 %

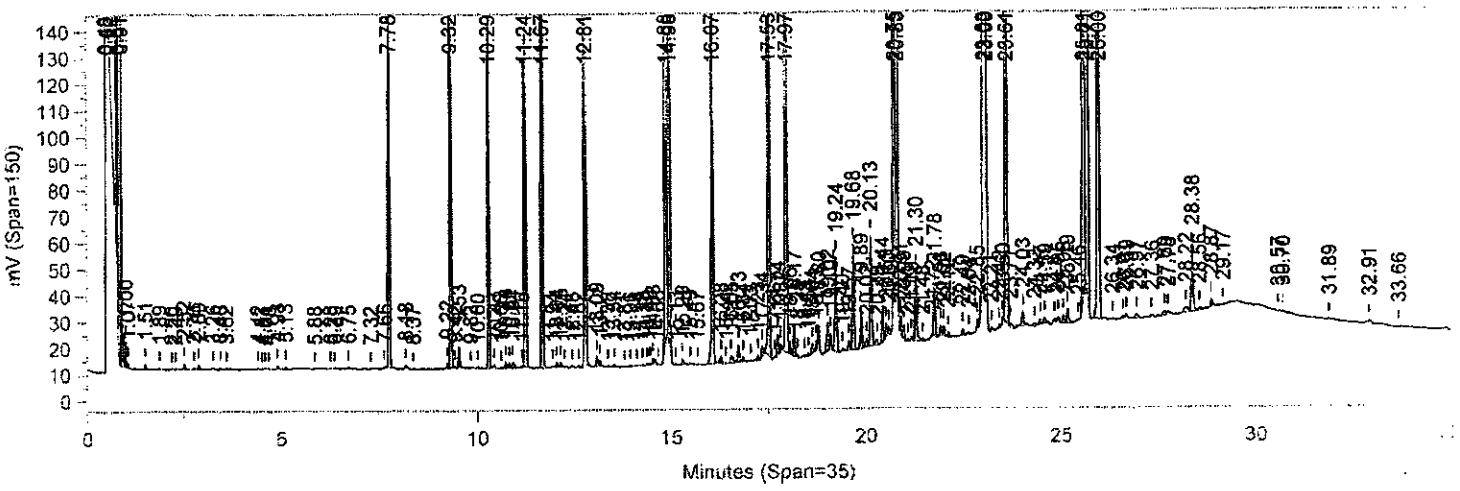
TOTAL SURROGATE AMOUNT = 3.875431 PPM

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

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

ASX05 1322

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

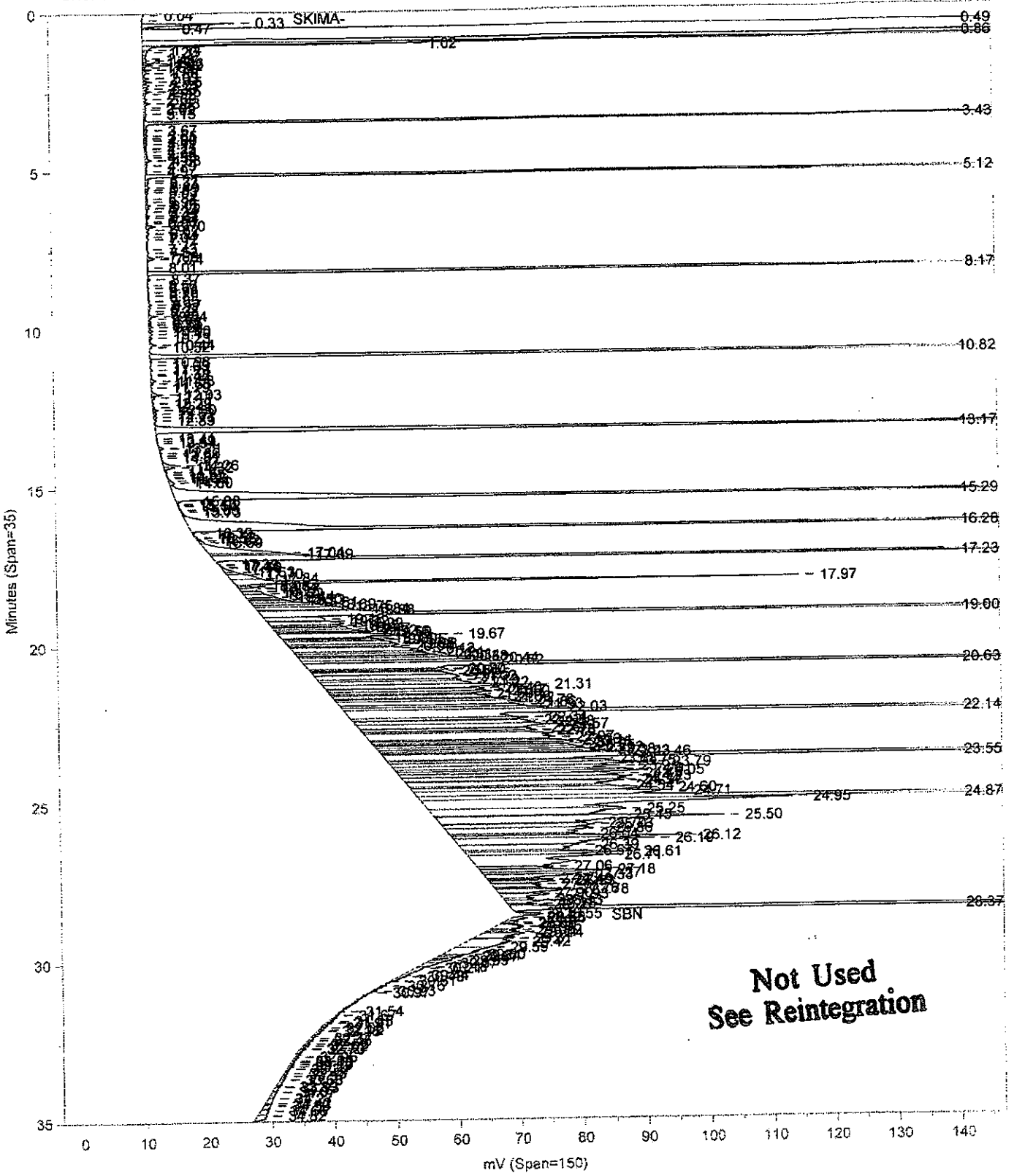
FILES:
Area File: C:\CPWIN\DATA1\P262.37A
Method File: C:\CPWIN\DATA1\REPLOT1M.MET
Calibration File: C:\CPWIN\DATA1\MAMP242B.CAL
Format File: C:\CPWIN\DATA1\REPLOT1M.FMT
Area file created on: 9/19/2008 4:41:14 PM
File reported on: 9/19/2008 at 4:41:13 PM

aSX05 1323

MA EPH

5454447MSDP ACAMS33MSD MSD 082430018A 05332

C:\CPWIN\DATA1\P262.38R



Instrument ID:CP25--H6610A
Volume Inj. per Column: 1
Oven Parameters: 35C 2MIN; 10C/MIN TO 310C; HOLD 6MIN
Sample Amount: 10

Injected on: 9/19/2008 4:56:32 PM
GC Column: ZB-5 30M X .32MM X .25UM INJ 300 FID 320
Dilution Factor: 1

ASX85 1324

C:\CPWIN\DATA1\P262.38R

Printed on 9/19/2008 5:31:37 PM

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 area= 24863800.0
Total slice amount %= 100.0 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

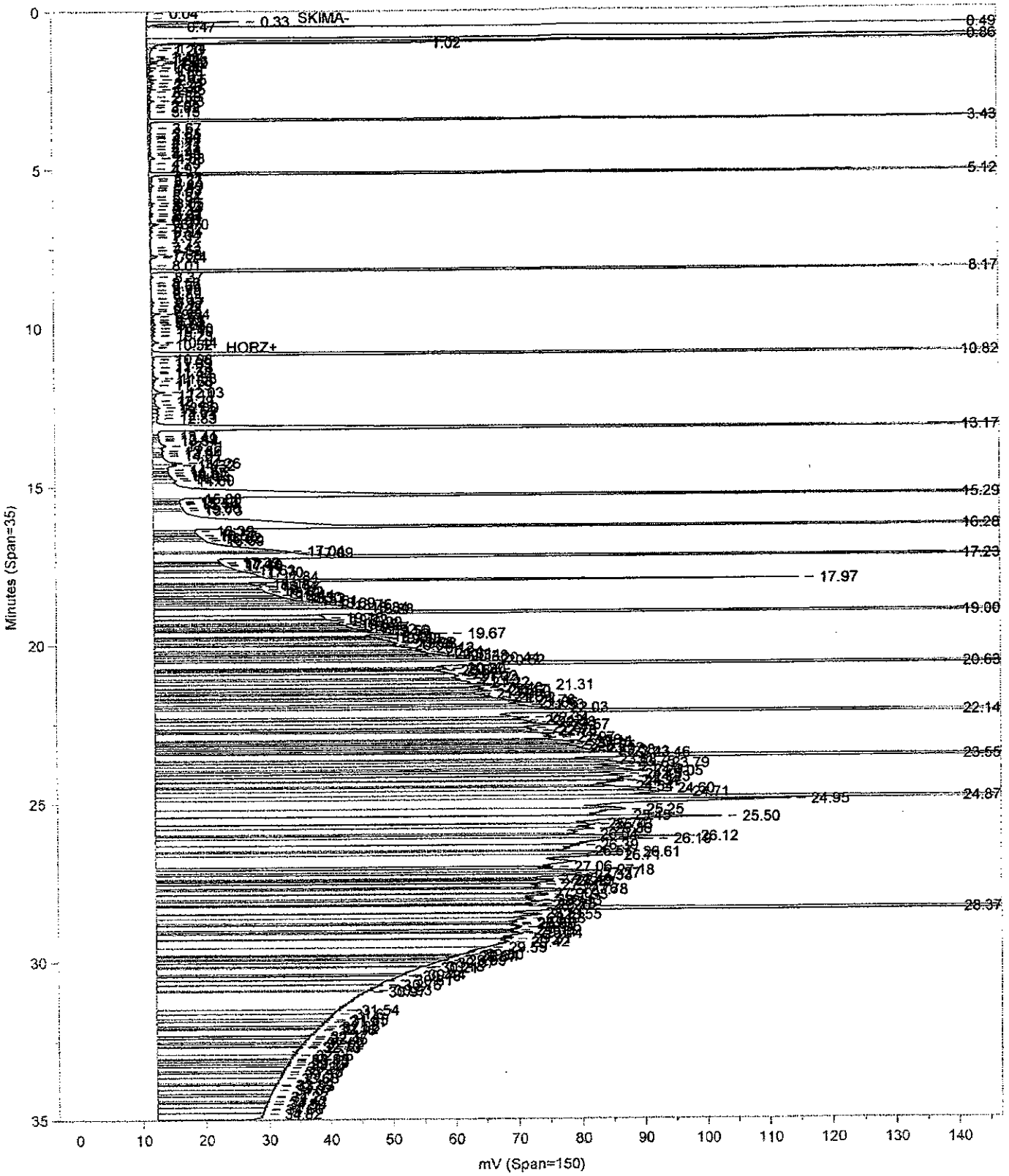
Not Used
See Reintegration

08X05 1325

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

ASX05 1326

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*

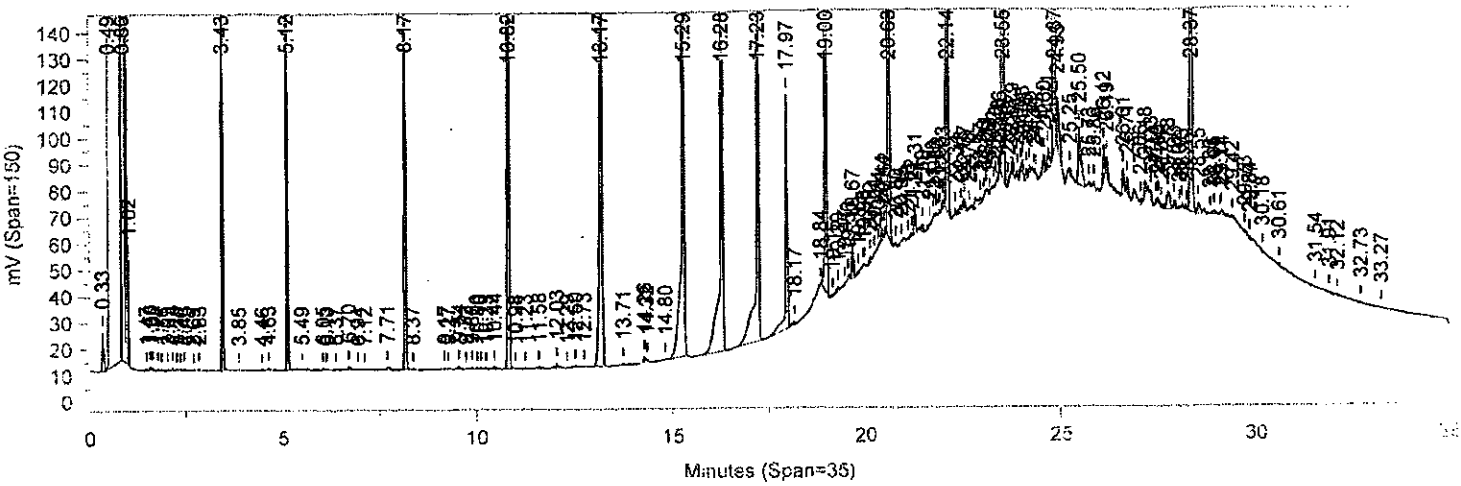
* Needs to have surr. amt. (from replot) subtracted!

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

ASX85 1327

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

ASX05 1320

Extraction/Distillation/Digestion Logs

Organic Extraction Batchlog

082430018A

Reviewed By: RLG/375 Start Date: 9/2/08 Start Time: 0/1000 DT277 9/2/08 (3)

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~~					SGA	Fine soil, stones
5454447MSD	AMS33MSD	10	SS0819932A SS0820632B	0.5 1.0	~~MS0818432A~~						

Solvent Used	Lot No.
Filter paper	J11374818
Hexane	G29E48
Methylene Chloride	G32E43
Sodium Sulfate	08246A

Spike Solutions: **Witness:** CW2033

SS0820632B MASS. / WA. EPH SURROGATE
SS0819932A MASS. FRACTIONATION SURR.
~~MS0818432A~~ MASS. SPIKING SOLUTION
MS 08220 52C DT277 9/2/08 (3)

	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	SGA	dark soil, stones DT277 9/2/08 (3)	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:	Sonihood 5
Internal Standard		Balance #	2910

S-bath ID	12	96 °C	S-bath ID	°C	N-Evap	°C	M-vap	°C

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 7	85 °C	S-Evap/bath	°C	N-Evap	°C

The documented temperatures are NIST corrected.

ASX05 1331

Prep-Process Worksheet

SG-Aliphatic Fraction

Prep Analysis # 02168 Extraction - DRO Soil Special

Prep Group # 408 MA EPH-Soils

Verified: RCM/TTS

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 7	85 °C	S-Evap/bath	°C	N-Evap	°C

The documented temperatures are NIST corrected.

ASX85 1332

Moisture Data

aSX85 .I333

Lancaster Laboratories

CLIENT: Stantec
SDG: ASX05

MOISTURE

SAMPLE NUMBERS:

Sample #	Sample Code
5454430	AMS19
5454431	AMS20
5454432	AMS21
5454433	AMS22
5454434	AMS23
5454435	AMS43
5454436	AMS24
5454437	AMS25
5454438	AMS26
5454439	AMS27
5454440	AMS31
5454441	AMS30
5454442	AMS29
5454443	AMS28
5454444	AMS32
5454445	AMS33BKG
5454446	AMS33MS
5454447	AMS33MSD
5454448	AMS34
5454449	AMS2-

Laboratory Compliance Quality Control

Analysis Name	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08246820001A	Sample number(s): 5454430-5454447				
Moisture	100		99-101		
Moisture	100		99-101		
Moisture Duplicate	100		99-101		
Batch number: 08246820001B	Sample number(s): 5454448-5454449				
Moisture	100		99-101		

Sample Matrix Quality Control

Analysis Name	BKG Conc	DUP Conc	RPD	RPD Max
Batch number: 08246820001A	Sample number(s): 5454430-5454447			
Moisture	4.7	4.7	0	15
Moisture	4.7	4.7	0	15
Moisture Duplicate	4.7	4.7	0	15
Batch number: 08246820001B	Sample number(s): 5454448-5454449			
Moisture	5.5	5.1	6	15

* - Outside of specification
(1) - The result for one or both determinations was less than five times the LOQ.

ASX05 1334

Lancaster Laboratories

MOISTURE

CLIENT: Stantec
SDG: ASX05

Moisture Data Report

Batch #: 08246820001

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
LCS 89.5% Std.			1.1065	5.0033	1.6333	89.47	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454430	A	00111	1.1203	7.5313	8.1495	6.67	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454431	A	00111	1.0948	7.5319	8.2261	5.32	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454432	A	00111	1.0895	7.2262	7.5267	10.92	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454433	A	00111	1.0776	8.3101	8.6653	8.69	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454434	A	00111	1.0739	5.2367	5.6873	11.90	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454435	A	00111	1.1128	8.0292	7.2551	23.50	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454436	A	00111	1.1106	8.0360	8.8382	3.84	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454437	A	00111	1.1040	9.3477	10.2977	1.65	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454438	A	00111	1.1125	8.8216	9.6699	2.99	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454439	A	00111	1.0650	8.3358	9.2564	1.73	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454440	A	00111	1.0763	7.4156	8.3137	2.40	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454441	A	00111	1.0732	6.9314	7.2270	11.22	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454442	A	00111	1.0656	9.1773	9.8251	4.55	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454443	A	00111	1.0951	9.5499	10.2167	4.48	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454444	A	00111	1.0888	6.2671	7.0141	5.45	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454445BKG	A	00111	1.1222	7.2683	8.0478	4.71	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454446MS	A	00118				4.71	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454447MSD	A	00118				4.71	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454447MSD	A	00121	1.0813	7.1114	7.8582	4.70	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454448	B	00111	1.0718	6.5924	7.3275	5.11	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454449BKG	B	00111	1.0948	6.0119	6.7770	5.48	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)
5454449DUP	B	00111	1.0897	6.7502	7.4930	5.14	9/ 2/08 (1201/SWF)	9/ 5/08 (0236/CW)

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