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Type I Data Package

Prepared for:

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

Project: Amtrak Wilmington
Soil Samples
Collected on 05/07/13

SDG# ASY17

GROUP	SAMPLE NUMBERS
1388876	7051098-7051117

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521
TX Cert. # T104704194-08A-TX
AZ Cert. # AZ0780

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client.

Authorized by: Dana M Kauffman **Date: 05/31/2013**

Dana M. Kauffman
Manager

Any questions or concerns you might have regarding this data package should be directed to your client representative, Loran Carter at Ext. 1375.

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Sample Reference List for SDG Number ASY17
with a Data Package Type of I

11289 - Stantec

Project: Amtrak Wilmington

Lab Sample Number	Lab Sample Code	Client Sample Description
7051098	S6514	SB-65(14.0-15.0) Composite Soil
7051099	S8306	SB-83(6.0-8.0) Composite Soil
7051100	S8308	SB-83(8.0-10.0) Composite Soil
7051101	S8310	SB-83(10.0-12.0) Composite Soil
7051102	S8312	SB-83(12.0-14.0) Composite Soil
7051103	S8314	SB-83(14.0-16.0) Composite Soil
7051104	S8316	SB-83(16.0-17.7) Composite Soil
7051105	S8406	SB-84(6.0-8.0) Composite Soil
7051106	S8408	SB-84(8.0-10.0) Composite Soil
7051107	S8408	SB-84(8.0-10.0) MS Composite Soil
7051108	S8408	SB-84(8.0-10.0) MSD Composite Soil
7051109	SBFD8	SB-DUP-8 Composite Soil
7051110	S8410	SB-84(10.0-12.0) Composite Soil
7051111	S8412	SB-84(12.0-14.0) Composite Soil
7051112	S8414	SB-84(14.0-14.7) Composite Soil
7051113	S8506	SB-85(6.0-8.0) Composite Soil
7051114	S8508	SB-85(8.0-10.0) Composite Soil
7051115	S8510	SB-85(10.0-12.0) Composite Soil
7051116	S8512	SB-85(12.0-14.0) Composite Soil
7051117	S8514	SB-85(14.0-16.0) Composite Soil

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10736 PCBs in Soil (microwave)

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.

10497 PCB Microwave Soil Extraction

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

Reference: Test Methods for Evaluating Solid Wastes, SW-846 Method 3546, Revision 0, February 2007.

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

Analysis Reports / Field Chain of Custody

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

May 21, 2013

Project: Amtrak Wilmington

Submittal Date: 05/09/2013
Group Number: 1388876
SDG: ASY17
PO Number: 213402048
State of Sample Origin: DE

Client Sample Description	Lancaster Labs (LLI) #
SB-65(14.0-15.0) Composite Soil	7051098
SB-83(6.0-8.0) Composite Soil	7051099
SB-83(8.0-10.0) Composite Soil	7051100
SB-83(10.0-12.0) Composite Soil	7051101
SB-83(12.0-14.0) Composite Soil	7051102
SB-83(14.0-16.0) Composite Soil	7051103
SB-83(16.0-17.7) Composite Soil	7051104
SB-84(6.0-8.0) Composite Soil	7051105
SB-84(8.0-10.0) Composite Soil	7051106
SB-84(8.0-10.0) MS Composite Soil	7051107
SB-84(8.0-10.0) MSD Composite Soil	7051108
SB-DUP-8 Composite Soil	7051109
SB-84(10.0-12.0) Composite Soil	7051110
SB-84(12.0-14.0) Composite Soil	7051111
SB-84(14.0-14.7) Composite Soil	7051112
SB-85(6.0-8.0) Composite Soil	7051113
SB-85(8.0-10.0) Composite Soil	7051114
SB-85(10.0-12.0) Composite Soil	7051115
SB-85(12.0-14.0) Composite Soil	7051116
SB-85(14.0-16.0) Composite Soil	7051117

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Stantec	Attn: Steve Baggett
ELECTRONIC COPY TO	Stantec	Attn: Paul Miller

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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Analysis Report

Sample Description: SB-65(14.0-15.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051098
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 09:40 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S6514 SDG#: ASY17-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 22	22	1
10736	PCB-1221	11104-28-2	< 22	22	1
10736	PCB-1232	11141-16-5	< 22	22	1
10736	PCB-1242	53469-21-9	< 22	22	1
10736	PCB-1248	12672-29-6	< 22	22	1
10736	PCB-1254	11097-69-1	< 22	22	1
10736	PCB-1260	11096-82-5	< 22	22	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	23.0	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 12:43	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-83(6.0-8.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051099
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:00 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8306 SDG#: ASY17-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	< 19	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
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 is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 12:55	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-83(8.0-10.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051100
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:05 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8308 SDG#: ASY17-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	< 19	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	11.4	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 13:06	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-83(10.0-12.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051101
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:05 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8310 SDG#: ASY17-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 20	20	1
10736	PCB-1221	11104-28-2	< 20	20	1
10736	PCB-1232	11141-16-5	< 20	20	1
10736	PCB-1242	53469-21-9	< 20	20	1
10736	PCB-1248	12672-29-6	< 20	20	1
10736	PCB-1254	11097-69-1	< 20	20	1
10736	PCB-1260	11096-82-5	< 20	20	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	14.1	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 13:18	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-83(12.0-14.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051102
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:05 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8312 SDG#: ASY17-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 20	20	1
10736	PCB-1221	11104-28-2	< 20	20	1
10736	PCB-1232	11141-16-5	< 20	20	1
10736	PCB-1242	53469-21-9	< 20	20	1
10736	PCB-1248	12672-29-6	< 20	20	1
10736	PCB-1254	11097-69-1	< 20	20	1
10736	PCB-1260	11096-82-5	< 20	20	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	13.8	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 13:40	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-83(14.0-16.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051103
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:15 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8314 SDG#: ASY17-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 26	26	1
10736	PCB-1221	11104-28-2	< 26	26	1
10736	PCB-1232	11141-16-5	< 26	26	1
10736	PCB-1242	53469-21-9	< 26	26	1
10736	PCB-1248	12672-29-6	< 26	26	1
10736	PCB-1254	11097-69-1	< 26	26	1
10736	PCB-1260	11096-82-5	< 26	26	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	34.4	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 22:43	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	2	13135820001A	05/15/2013 11:47	William C Schwebel	1

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Analysis Report

Sample Description: SB-83(16.0-17.7) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051104
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:15 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8316 SDG#: ASY17-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 61	61	1
10736	PCB-1221	11104-28-2	< 61	61	1
10736	PCB-1232	11141-16-5	< 61	61	1
10736	PCB-1242	53469-21-9	< 61	61	1
10736	PCB-1248	12672-29-6	< 61	61	1
10736	PCB-1254	11097-69-1	< 61	61	1
10736	PCB-1260	11096-82-5	< 61	61	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	72.3	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131400005A	05/21/2013 13:14	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	2	131400005A	05/20/2013 16:50	JoElla L Rice	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(6.0-8.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051105
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:30 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8406 SDG#: ASY17-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 930	930	50
10736	PCB-1221	11104-28-2	< 930	930	50
10736	PCB-1232	11141-16-5	< 930	930	50
10736	PCB-1242	53469-21-9	< 930	930	50
10736	PCB-1248	12672-29-6	< 930	930	50
10736	PCB-1254	11097-69-1	< 930	930	50
10736	PCB-1260	11096-82-5	3,400	930	50
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	8.6	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 14:49	Monica M Souders	50
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(8.0-10.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051106
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:30 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8408 SDG#: ASY17-09BKG

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	200	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	12.4	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 15:00	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

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Sample Description: SB-84(8.0-10.0) MS Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051107
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:30 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8408 SDG#: ASY17-09MS

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	180	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	290	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00118	Moisture	n.a.	12.4	0.50	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 15:11	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00118	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(8.0-10.0) MSD Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051108
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:30 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8408 SDG#: ASY17-09MSD

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	180	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	350	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00118	Moisture	n.a.	12.4	0.50	1
00121	Moisture Duplicate	n.a.	12.9	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.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 15:23	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00118	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1
00121	Moisture Duplicate	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-DUP-8 Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051109
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

SBFD8 SDG#: ASY17-10FD

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 96	96	5
10736	PCB-1221	11104-28-2	< 96	96	5
10736	PCB-1232	11141-16-5	< 96	96	5
10736	PCB-1242	53469-21-9	< 96	96	5
10736	PCB-1248	12672-29-6	< 96	96	5
10736	PCB-1254	11097-69-1	< 96	96	5
10736	PCB-1260	11096-82-5	300	96	5
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	11.8	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 22:54	Monica M Souders	5
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(10.0-12.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051110
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:40 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8410 SDG#: ASY17-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 21	21	1
10736	PCB-1221	11104-28-2	< 21	21	1
10736	PCB-1232	11141-16-5	< 21	21	1
10736	PCB-1242	53469-21-9	< 21	21	1
10736	PCB-1248	12672-29-6	< 21	21	1
10736	PCB-1254	11097-69-1	< 21	21	1
10736	PCB-1260	11096-82-5	100	21	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	18.5	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 23:05	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(12.0-14.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051111
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:40 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8412 SDG#: ASY17-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	< 19	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	11.1	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 15:57	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-84(14.0-14.7) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051112
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:40 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8414 SDG#: ASY17-13

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 20	20	1
10736	PCB-1221	11104-28-2	< 20	20	1
10736	PCB-1232	11141-16-5	< 20	20	1
10736	PCB-1242	53469-21-9	< 20	20	1
10736	PCB-1248	12672-29-6	< 20	20	1
10736	PCB-1254	11097-69-1	< 20	20	1
10736	PCB-1260	11096-82-5	< 20	20	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	16.7	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 23:17	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-85(6.0-8.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051113
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:55 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8506 SDG#: ASY17-14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	< 19	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	11.3	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 16:53	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-85(8.0-10.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051114
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 10:55 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8508 SDG#: ASY17-15

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 19	19	1
10736	PCB-1221	11104-28-2	< 19	19	1
10736	PCB-1232	11141-16-5	< 19	19	1
10736	PCB-1242	53469-21-9	< 19	19	1
10736	PCB-1248	12672-29-6	< 19	19	1
10736	PCB-1254	11097-69-1	< 19	19	1
10736	PCB-1260	11096-82-5	< 19	19	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	11.6	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 23:28	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-85(10.0-12.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051115
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 11:00 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8510 SDG#: ASY17-16

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 20	20	1
10736	PCB-1221	11104-28-2	< 20	20	1
10736	PCB-1232	11141-16-5	< 20	20	1
10736	PCB-1242	53469-21-9	< 20	20	1
10736	PCB-1248	12672-29-6	< 20	20	1
10736	PCB-1254	11097-69-1	< 20	20	1
10736	PCB-1260	11096-82-5	< 20	20	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	14.8	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 23:40	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-85(12.0-14.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051116
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 11:00 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8512 SDG#: ASY17-17

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 20	20	1
10736	PCB-1221	11104-28-2	< 20	20	1
10736	PCB-1232	11141-16-5	< 20	20	1
10736	PCB-1242	53469-21-9	< 20	20	1
10736	PCB-1248	12672-29-6	< 20	20	1
10736	PCB-1254	11097-69-1	< 20	20	1
10736	PCB-1260	11096-82-5	< 20	20	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	13.2	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 23:51	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

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Analysis Report

Sample Description: SB-85(14.0-16.0) Composite Soil
Amtrak Wilmington

LLI Sample # SW 7051117
LLI Group # 1388876
Account # 11289

Project Name: Amtrak Wilmington

Collected: 05/07/2013 11:00 by JC

Submitted: 05/09/2013 15:25
Reported: 05/21/2013 15:00

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

S8514 SDG#: ASY17-18*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**ug/kg**	**ug/kg**	
10736	PCB-1016	12674-11-2	< 21	21	1
10736	PCB-1221	11104-28-2	< 21	21	1
10736	PCB-1232	11141-16-5	< 21	21	1
10736	PCB-1242	53469-21-9	< 21	21	1
10736	PCB-1248	12672-29-6	< 21	21	1
10736	PCB-1254	11097-69-1	< 21	21	1
10736	PCB-1260	11096-82-5	< 21	21	1
Wet Chemistry	**SM 2540 G-1997**		**%**	**%**	
00111	Moisture	n.a.	17.3	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10736	PCBs (7 arochlors) in Solids	SW-846 8082	1	131340008A	05/15/2013 18:02	Monica M Souders	1
10497	PCB Microwave Soil Extraction	SW-846 3546	1	131340008A	05/14/2013 18:45	Sally L Appleyard	1
00111	Moisture	SM 2540 G-1997	1	13134820004A	05/14/2013 20:32	Scott W Freisher	1

Quality Control Summary

Client Name: Stantec Group Number: 1388876
Reported: 05/21/13 at 03:00 PM

Matrix QC may not be reported if insufficient sample or site-specific QC samples 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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 131340008A	Sample number(s): 7051098-7051103,7051105-7051117							
PCB-1016	< 17	17.	ug/kg	96		77-121		
PCB-1221	< 17	17.	ug/kg					
PCB-1232	< 17	17.	ug/kg					
PCB-1242	< 17	17.	ug/kg					
PCB-1248	< 17	17.	ug/kg					
PCB-1254	< 17	17.	ug/kg					
PCB-1260	< 17	17.	ug/kg	110		77-127		
Batch number: 131400005A	Sample number(s): 7051104							
PCB-1016	< 17	17.	ug/kg	96		77-121		
PCB-1221	< 17	17.	ug/kg					
PCB-1232	< 17	17.	ug/kg					
PCB-1242	< 17	17.	ug/kg					
PCB-1248	< 17	17.	ug/kg					
PCB-1254	< 17	17.	ug/kg					
PCB-1260	< 17	17.	ug/kg	109		77-127		
Batch number: 13134820004A	Sample number(s): 7051098-7051102,7051104-7051117							
Moisture				100		99-101		
Moisture				100		99-101		
Moisture Duplicate				100		99-101		
Batch number: 13135820001A	Sample number(s): 7051103							
Moisture				100		99-101		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 131340008A	Sample number(s): 7051098-7051103,7051105-7051117 UNSPK: 7051106								
PCB-1016	93	97	19-146	4	50				
PCB-1260	45	75	29-141	18	50				
Batch number: 131400005A	Sample number(s): 7051104 UNSPK: P057656								
PCB-1016	77	76	19-146	1	50				
PCB-1260	88	88	29-141	0	50				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Stantec Group Number: 1388876
Reported: 05/21/13 at 03:00 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 13134820004A	Sample number(s): 7051098-7051102,7051104-7051117 BKG: 7051106								
Moisture						12.4	12.9	4	13
Moisture						12.4	12.9	4	15
Moisture Duplicate						12.4	12.9	4	15
Batch number: 13135820001A	Sample number(s): 7051103 BKG: 7051103								
Moisture						34.4	36.3	5	13

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: PCBs in Soil (microwave)
Batch number: 131340008A

	Tetrachloro-m-xylene	Decachlorobiphenyl
7051098	97	116
7051099	108	124
7051100	104	125
7051101	108	125
7051102	104	124
7051103	110	131
7051105	89	148
7051106	105	122
7051107	104	128
7051108	105	130
7051109	105	132
7051110	109	127
7051111	105	124
7051112	99	117
7051113	105	123
7051114	103	119
7051115	106	124
7051116	111	129
7051117	101	118
Blank	107	125
LCS	107	128
MS	104	128
MSD	105	130
Limits:	41-146	39-151

Analysis Name: PCBs in Soil (microwave)
Batch number: 131400005A

	Tetrachloro-m-xylene	Decachlorobiphenyl
7051104	63	70
Blank	106	114

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Stantec
Reported: 05/21/13 at 03:00 PM

Group Number: 1388876

Surrogate Quality Control

LCS	103	119
MS	83	95
MSD	79	100
Limits:	41-146	39-151

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Environmental Analysis Request/Chain of Custody

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Acct. # 11289 For Eurofins Lancaster Laboratories use only Group # 1388876 Sample # 7051098-117

Instructions on reverse side correspond with circled numbers.

COC # 325036

1 Client Information

Client: STANTEC	Acct. #:
Project Name/#: AMTRAK WILMINGTON	PWSID #:
Project Manager: STEVE BAGGETT	P.O. #:
Sampler: J. CORBETT / R. KOCH / P. MILLER	Quote #:
Name of state where samples were collected: DE	

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

2 Sample Identification / **3 Collected**

Sample Identification	Date	Time	Grab	Composite	Soil ☒	Water: Potable ☐	Water: Ground ☐	Water: NPDES ☐	Water: Surface ☐	Other:	Total # of Containers	TB-8082
SB-65(14.0-15.0)	5-7-13	0940		X	X						1	X
SB-83(6.0-8.0)		1000		X	X						1	X
SB-83(8.0-10.0)		1005		X	X						1	X
SB-83(10.0-12.0)		1005		X	X						1	X
SB-83(12.0-14.0)		1005		X	X						1	X
SB-83(14.0-16.0)		1015		X	X						1	X
SB-83(16.0-17.7)		1015		X	X						1	X
SB-84(6.0-8.0)		1030		X	X						1	X
SB-84(8.0-10.0)		1030		X	X						1	X
SB-84 MS(8.0-10.0)		1030		X	X						1	X

4 Matrix — Sediment ☐ Soil ☒ Water: Potable ☐ Ground ☐ NPDES ☐ Surface ☐ Other: ____

5 Analysis Requested — Preservation Codes

6 Remarks

7 Turnaround Time (TAT) Requested (please circle)

Standard Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: _____

E-mail address: _____

8 Data Package Options (circle if required)

Type I (Validation/non-CLP) Type VI (Raw Data Only)

Type III (Reduced non-CLP) TX TRRP-13

Type IV (CLP SOW) MA MCP CT RCP

9

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5-9-13	1120	[signature]	5-9-13	1120
[signature]	5-9-13	15:25			
			[signature]	5/9/13	1525

EDD Required? Yes No

If yes, format: _____

Site-Specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate sample volume.)

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____

Temperature upon receipt 2.4°-3.2° °C

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.

Issued by Dept. 40 Management

7044.02

Environmental Analysis Request/Chain of Custody

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Acct. # 11289 For Eurofins Lancaster Laboratories use only Group # 1388876 Sample # 7051098-117

Instructions on reverse side correspond with circled numbers.

COC # 325037

1 Client Information

Client: STANTEC

Acct. #:

Project Name/#: AMTRAK WILMINGTON

PWSID #:

Project Manager: STEVE BAGGETT

P.O. #:

Sampler: J. CORBETT / R. KOCH / P. MILLER

Quote #:

Name of state where samples were collected: DE

4 Matrix: Sediment ☐ Soil ☒ Water: Ground ☐ Potable ☐ Surface ☐ NPDES ☐ Other: ___

5 Analysis Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#:

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

6 Remarks

2 Sample Identification	Collected Date	Collected Time	3 Grab	3 Composite	Soil	Water	Other	Total # of Containers	5 Analysis Requested: AT-8080
SB-84 MSD (8.0-10.0)	5-7-13	1030		X	X			1	X
~~SB-84 (~~ SB-DUP-8		—		X	X			1	X
SB-84 (10.0-12.0)		1040		X	X			1	X
SB-84 (12.0-14.0)		1040		X	X			1	X
SB-84 (14.0-14.7)		1040		X	X			1	X
SB-85 (6.0-8.0)		1055		X	X			1	X
SB-85 (8.0-10.0)		~~1100~~ 1105		X	X			1	X
SB-85 (10.0-12.0)		1100		X	X			1	X
SB-85 (12.0-14.0)		1100		X	X			1	X
SB-85 (14.0-16.0)		1100		X	X			1	X

7 Turnaround Time (TAT) Requested (please circle)
Standard Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: ___

E-mail address: paul.miller@stantec.com

8 Data Package Options (circle if required)
Type I (Validation/non-CLP) Type VI (Raw Data Only)
Type III (Reduced non-CLP) TX TRRP-13
Type IV (CLP SOW) MA MCP CT RCP

9

Relinquished by	Date	Time	Received by	Date	Time
[signature]	5-9-13	1120	[signature]	5-9-13	
[signature]	5-9-13	15:25			
			[signature]	5/9/13	1625

EDD Required? Yes No
If yes, format: EQuIS

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

Relinquished by Commercial Carrier: UPS ___ FedEx ___ Other ___

Temperature upon receipt 2.4-3.2 °C

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

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G#1388876

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Stantec

Date of Receipt: 5/9/13

Time of Receipt: 1525

Source Code: 01

Shipping Container Sealed: YES (NO)

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

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	DT121	2.4°	TB	WI	Y	B	
2	↓	2.5°	↓	↓	↓	↓	
3	↓	3.2°	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Received 1 extra Sample (1H34 jar) NS-SS-4 5/6/13 840

SB-83 (8.0-10.0) time= 1000

Samples SB-88 (10-12) and (12-14) times= 1250

Unpacker Signature/Emp#: 2308 **Date/Time:** 5/9/13 1824

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2174.06

Polychlorinated Biphenyls (PCBs) Data

Case Narrative/Conformance Summary

Polychlorinated Biphenyls (PCBs)

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Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ASY17

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

Sample #	Client ID	Matrix Liquid	Matrix Solid	DF	Comments
7051098	SB-65(14.0-15.0)		X	1	
7051099	SB-83(6.0-8.0)		X	1	
7051100	SB-83(8.0-10.0)		X	1	
7051101	SB-83(10.0-12.0)		X	1	
7051102	SB-83(12.0-14.0)		X	1	
7051103	SB-83(14.0-16.0)		X	1	
7051104	SB-83(16.0-17.7)		X	1	
7051105	SB-84(6.0-8.0)		X	50	
7051106	SB-84(8.0-10.0)		X	1	Unspiked
7051107	SB-84(8.0-10.0) MS		X	1	Matrix Spike
7051108	SB-84(8.0-10.0) MSD		X	1	Matrix Spike Duplicate
7051109	SB-DUP-8		X	5	Field Duplicate Sample
7051110	SB-84(10.0-12.0)		X	1	
7051111	SB-84(12.0-14.0)		X	1	
7051112	SB-84(14.0-14.7)		X	1	
7051113	SB-85(6.0-8.0)		X	1	
7051114	SB-85(8.0-10.0)		X	1	
7051115	SB-85(10.0-12.0)		X	1	
7051116	SB-85(12.0-14.0)		X	1	
7051117	SB-85(14.0-16.0)		X	1	

See QC Reference List for Associated Batch QC Samples

SAMPLE RECEIPT:

Samples were received in good condition and within temperature requirements.

HOLDING TIME:

All holding times were met.

PREPARATION/EXTRACTION/DIGESTION:

No problems were encountered.

CALIBRATION/STANDARDIZATION:

(Sample number(s): 7051098-7051117: Analysis: 10736)
For dual column analyses in which the calibration (initial and/or

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Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ASY17

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

continuing) response is outside the acceptance criteria on one column and within criteria on the second column affected analytes are reported from the compliant column. The sample raw data identifies the column used to report each analyte.

QUALITY CONTROL AND NONCONFORMANCE SUMMARY:

All QC is within specification.

SAMPLE ANALYSIS:

No problems were encountered with the analysis of the samples.

Abbreviation Key

UNSPK = Unspiked (for MS/MSD)	LOQ = Limit of Quantitation
MS = Matrix Spike	MDL = Method Detection Limit
MSD = Matrix Spike Duplicate	ND = Not Detected
BKG = Background (for Duplicate)	J = Estimated Value
D = Duplicate (DUP)	E= out of calibration range
LCS = Lab Control Sample	RE = Repreparation/Reanalysis
LCSD = Lab Control Sample Duplicate	* = Out of Specification

Quality Control and Calibration Summary Forms

Polychlorinated Biphenyls (PCBs)

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Quality Control Reference List
Pesticide Residue Analysis

CLIENT: Stantec
SDG: ASY17

Fraction: Polychlorinated Biphenyls (PCBs)

Analysis	Batch Number	Sample Number	Analysis Date
PCBs (7 arochlors) in Solids	131340008A	PBLK08134	05/15/2013 12:20:00
		LCS08134	05/15/2013 12:32:00
		7051098	05/15/2013 12:43:00
		7051099	05/15/2013 12:55:00
		7051100	05/15/2013 13:06:00
		7051101	05/15/2013 13:18:00
		7051102	05/15/2013 13:40:00
		7051103	05/15/2013 22:43:00
		7051105	05/15/2013 14:49:00
		7051106 UNSPK	05/15/2013 15:00:00
		7051107 MS	05/15/2013 15:11:00
		7051108 MSD	05/15/2013 15:23:00
		7051109	05/15/2013 22:54:00
		7051110	05/15/2013 23:05:00
		7051111	05/15/2013 15:57:00
		7051112	05/15/2013 23:17:00
		7051113	05/15/2013 16:53:00
		7051114	05/15/2013 23:28:00
		7051115	05/15/2013 23:40:00
		7051116	05/15/2013 23:51:00
		7051117	05/15/2013 18:02:00
PCBs (7 arochlors) in Solids	131400005A	PBLK05140	05/21/2013 12:51:00
		LCS05140	05/21/2013 13:02:00
		7051104	05/21/2013 13:14:00

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Quality Control Summary
Method Blank
Pesticide Residue Analysis
SDG: ASY17
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

131340008A / PBLK08134 **Analyte**	**Analysis Date**	**Blank Results**	**Units**	**MDL**	**LOQ**
PCB-1016	05/15/13	N.D.	ug/kg	3.6	17
PCB-1221	05/15/13	N.D.	ug/kg	4.6	17
PCB-1232	05/15/13	N.D.	ug/kg	8.0	17
PCB-1242	05/15/13	N.D.	ug/kg	3.3	17
PCB-1248	05/15/13	N.D.	ug/kg	3.3	17
PCB-1254	05/15/13	N.D.	ug/kg	3.3	17
PCB-1260	05/15/13	N.D.	ug/kg	4.9	17

131400005A / PBLK05140 **Analyte**	**Analysis Date**	**Blank Results**	**Units**	**MDL**	**LOQ**
PCB-1016	05/21/13	N.D.	ug/kg	3.6	17
PCB-1221	05/21/13	N.D.	ug/kg	4.6	17
PCB-1232	05/21/13	N.D.	ug/kg	8.0	17
PCB-1242	05/21/13	N.D.	ug/kg	3.3	17
PCB-1248	05/21/13	N.D.	ug/kg	3.3	17
PCB-1254	05/21/13	N.D.	ug/kg	3.3	17
PCB-1260	05/21/13	N.D.	ug/kg	4.9	17

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Quality Control Summary
Surrogates
Pesticide Residue Analysis
SDG: ASY17
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

131340008A	Tetrachloro-m-xylene		Decachlorobiphenyl	
	Spike Added	10.1 ug/kg	Spike Added	10.2 ug/kg
Sample	% Recovery	Limits	% Recovery	Limits
PBLK08134	107	41 - 146	125	39 - 151
LCS08134	107	41 - 146	128	39 - 151
7051098	97	41 - 146	116	39 - 151
7051099	108	41 - 146	124	39 - 151
7051100	104	41 - 146	125	39 - 151
7051101	108	41 - 146	125	39 - 151
7051102	104	41 - 146	124	39 - 151
7051103	110	41 - 146	131	39 - 151
7051105	89	41 - 146	148	39 - 151
7051106	105	41 - 146	122	39 - 151
7051107 MS	104	41 - 146	128	39 - 151
7051108 MSD	105	41 - 146	130	39 - 151
7051109	105	41 - 146	132	39 - 151
7051110	109	41 - 146	127	39 - 151
7051111	105	41 - 146	124	39 - 151
7051112	99	41 - 146	117	39 - 151
7051113	105	41 - 146	123	39 - 151
7051114	103	41 - 146	119	39 - 151
7051115	106	41 - 146	124	39 - 151
7051116	111	41 - 146	129	39 - 151
7051117	101	41 - 146	118	39 - 151

131400005A	Tetrachloro-m-xylene		Decachlorobiphenyl	
	Spike Added	10.1 ug/kg	Spike Added	10.2 ug/kg
Sample	% Recovery	Limits	% Recovery	Limits
PBLK05140	106	41 - 146	114	39 - 151
LCS05140	103	41 - 146	119	39 - 151
7051104	63	41 - 146	70	39 - 151

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Quality Control Summary
Laboratory Control Standard (LCS)
Laboratory Control Standard Duplicate(LCSD)

SDG: ASY17
Matrix: SOLID

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

LCS: LCS08134	Batch: **131340008A** (Sample number(s): 7051098-7051103, 7051105-7051117)							
Analyte	**Spike Added ug/kg**	**LCS Conc ug/kg**	**LCSD Conc ug/kg**	**LCS %Rec**	**LCSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	167	159.97	NA	96	NA	77-121	NA	NA
PCB-1260	167	182.9	NA	110	NA	77-127	NA	NA

LCS: LCS05140	Batch: **131400005A** (Sample number(s): 7051104)							
Analyte	**Spike Added ug/kg**	**LCS Conc ug/kg**	**LCSD Conc ug/kg**	**LCS %Rec**	**LCSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	167	160.39	NA	96	NA	77-121	NA	NA
PCB-1260	167	182.82	NA	109	NA	77-127	NA	NA

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Quality Control Summary
Matrix Spike/Matrix Spike Duplicate

SDG: ASY17
Matrix: SOLID

Pesticide Residue Analysis
Fraction: Polychlorinated Biphenyls (PCBs)

UNSPK: 7051106 MS: 7051107 MSD: 7051108 **Analyte**	Batch: **131340008A** (Sample number(s): 7051098-7051103, 7051105-7051117)								
	Spike Added ug/kg	**Unspiked Conc ug/kg**	**MS Conc ug/kg**	**MSD Conc ug/kg**	**MS %Rec**	**MSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	167	N.D.	155.43	161.98	93	97	19-146	4	50
PCB-1260	167	179.38	254.41	303.95	45	75	29-141	18	50

Comments:
(2) The unspiked sample result is greater than four times the spike added.
* = Out of Specification

Results are being reported on an as received basis.

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: 19843A
Calibration File: 1P7127
GC Column (1) : ZB MR1
ID: 0.32 (mm)
Update File:
Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	RT OF STANDARDS LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MIDPOINT RT	RT WINDOW FROM	TO
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.80	2.84
Decachlorobiphenyl	6.45	6.45	6.45	6.45	6.45	6.45	6.43	6.47

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: 19843A
Calibration File: 1P7127
GC Column (1) : ZB MR1
ID: 0.32 (mm)
Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	7.73E+04	7.63E+04	7.99E+04	8.38E+04	8.39E+04	8.02E+04	4
Decachlorobiphenyl	7.52E+04	6.50E+04	6.18E+04	6.58E+04	6.68E+04	6.69E+04	7

Average % RSD: 6

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 1P7127

GC Column (1) : ZB MR1 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.07	3.05	3.09	1582	1350	1	50	79090	11
					1382		2	100	138217	
					1308		3	200	261606	
					1250		4	500	625179	
					1229		5	1000	1229016	
	2	3.40	3.38	3.42	1930	1740	1	50	96516	7
					1771		2	100	177085	
					1712		3	200	342396	
					1653		4	500	826558	
					1632		5	1000	1631519	
	3	3.57	3.55	3.59	1710	1712	1	50	85521	4
					1641		2	100	164060	
					1658		3	200	331521	
					1732		4	500	866237	
					1818		5	1000	1817924	
	4	3.61	3.59	3.63	2432	2175	1	50	121602	7
					2168		2	100	216808	
					2118		3	200	423558	
					2053		4	500	1026607	
					2105		5	1000	2104974	
	5	3.66	3.64	3.68	2040	1885	1	50	102010	5
					1840		2	100	184021	
					1826		3	200	365159	
					1822		4	500	911059	
					1899		5	1000	1898962	
	6	3.85	3.83	3.87	1644	1469	1	50	82204	7
					1494		2	100	149370	
					1428		3	200	285658	
					1375		4	500	687314	
					1402		5	1000	1402497	
Aroclor-1221	1	2.97	2.95	2.99	656	656	1	200	131140	
	2	3.03	3.01	3.05	532	532	1	200	106300	
	3	3.07	3.05	3.09	1785	1785	1	200	356948	
Aroclor-1232	1	3.07	3.05	3.09	1595	1595	1	200	319036	
	2	3.40	3.38	3.42	864	864	1	200	172857	
	3	3.57	3.55	3.59	828	828	1	200	165644	
	4	3.61	3.59	3.63	1096	1096	1	200	219234	
	5	3.66	3.64	3.68	869	869	1	200	173853	
	6	3.85	3.83	3.87	644	644	1	200	128753	

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843A Calibration File: 1P7127
GC Column (1) : ZB MR1 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	3.07	3.05	3.09	1131	1131	1	200	226228	
	2	3.40	3.38	3.42	1369	1369	1	200	273849	
	3	3.57	3.55	3.59	1436	1436	1	200	287254	
	4	3.61	3.59	3.63	1795	1795	1	200	359056	
	5	3.66	3.64	3.68	1437	1437	1	200	287372	
	6	3.85	3.83	3.87	1176	1176	1	200	235110	
Aroclor-1248	1	3.73	3.71	3.75	2393	1957	1	50	119663	14
					2031		2	100	203130	
					1794		3	200	358763	
					1765		4	500	882389	
					1803		5	1000	1802719	
	2	3.85	3.83	3.87	2654	2299	1	50	132712	10
					2403		2	100	240338	
					2137		3	200	427397	
					2184		4	500	1092156	
					2116		5	1000	2116259	
	3	3.94	3.92	3.96	2311	1955	1	50	115541	11
					2000		2	100	200027	
					1811		3	200	362242	
					1809		4	500	904334	
					1845		5	1000	1845020	
	4	4.11	4.09	4.13	2523	2256	1	50	126163	8
					2352		2	100	235249	
					2030		3	200	406078	
					2151		4	500	1075607	
					2220		5	1000	2220282	
	5	4.24	4.22	4.26	2183	1899	1	50	109150	9
					1896		2	100	189597	
					1765		3	200	352902	
					1774		4	500	887184	
					1879		5	1000	1878701	
	6	4.49	4.47	4.51	1956	1684	1	50	97785	10
					1747		2	100	174747	
					1569		3	200	313737	
					1582		4	500	790907	
					1565		5	1000	1564677	

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 1P7127

GC Column (1) : ZB MR1 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.24	4.22	4.26	3889	3593	1	50	194440	5
					3558		2	100	355832	
					3568		3	250	891969	
					3472		4	500	1735918	
					3479		5	1000	3479147	
	2	4.43	4.41	4.45	2737	2609	1	50	136826	3
					2609		2	100	260901	
					2494		3	250	623448	
					2639		4	500	1319361	
					2565		5	1000	2565238	
	3	4.49	4.47	4.51	5371	5228	1	50	268540	3
					4930		2	100	493018	
					5257		3	250	1314224	
					5253		4	500	2626620	
					5330		5	1000	5329723	
	4	4.70	4.68	4.72	3700	3556	1	50	184975	3
					3396		2	100	339623	
					3532		3	250	882990	
					3626		4	500	1813247	
					3523		5	1000	3523493	
	5	4.89	4.87	4.91	2948	2857	1	50	147375	3
					2729		2	100	272924	
					2857		3	250	714334	
					2866		4	500	1433007	
					2883		5	1000	2882838	
	6	5.01	4.99	5.03	3992	3715	1	50	199586	5
					3562		2	100	356178	
					3550		3	250	887447	
					3785		4	500	1892636	
					3688		5	1000	3688300	

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843A Calibration File: 1P7127
GC Column (1) : ZB MR1 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.61	4.59	4.63	4050	3693	1	50	202510	6
					3737		2	100	373738	
					3534		3	200	706710	
					3568		4	500	1783974	
					3576		5	1000	3575924	
	2	4.81	4.79	4.83	4816	4368	1	50	240813	6
					4236		2	100	423587	
					4188		3	200	837548	
					4174		4	500	2087116	
					4425		5	1000	4425128	
	3	5.01	4.99	5.03	5010	4765	1	50	250522	4
					4537		2	100	453656	
					4613		3	200	922528	
					4798		4	500	2399188	
					4868		5	1000	4867684	
	4	5.24	5.22	5.26	3394	3124	1	50	169680	6
					3134		2	100	313384	
					2891		3	200	578281	
					2976		4	500	1487913	
					3227		5	1000	3226654	
	5	5.48	5.46	5.50	8226	8097	1	50	411286	3
					7718		2	100	771828	
					7977		3	200	1595446	
					8150		4	500	4074835	
					8415		5	1000	8415391	
	6	5.69	5.67	5.71	5017	4830	1	50	250860	3
					4807		2	100	480667	
					4683		3	200	936535	
					4743		4	500	2371682	
					4899		5	1000	4899280	
Aroclor-1262	1	5.08	5.06	5.10	4589	4589	1	200	917827	
	2	5.24	5.22	5.26	4044	4044	1	200	808825	
	3	5.48	5.46	5.50	9527	9527	1	200	1905401	
	4	5.68	5.66	5.70	6142	6142	1	200	1228340	
	5	5.74	5.72	5.76	2813	2813	1	200	562680	
	6	6.11	6.09	6.13	3298	3298	1	200	659532	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 1P7127

GC Column (1) : ZB MR1 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	5.68	5.66	5.70	11383	11383	1	200	2276595	
	2	5.74	5.72	5.76	9318	9318	1	200	1863582	
	3	5.87	5.85	5.89	8548	8548	1	200	1709679	
	4	5.94	5.92	5.96	2328	2328	1	200	465531	
	5	6.11	6.09	6.13	3399	3399	1	200	679767	
	6	6.31	6.29	6.33	26841	26841	1	200	5368162	

File Name: V:\CP7\1p7127.CAL
Version: 15

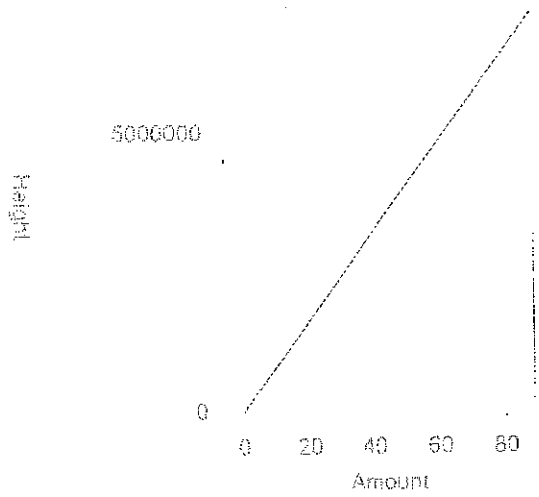
Creator:
Description:
Reason for change:

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
No default component

Method of calculating data point averages: Current update equal to cal data
Print calibration update report

All levels are normal data points.

1 TCX



Expected retention time: 2.817 minutes
Search window: 0.02 minutes
No retention time reference component
No response proxy component
Group number: 0

High alarm limit: 0
Low alarm limit: 0
Component constant: 0

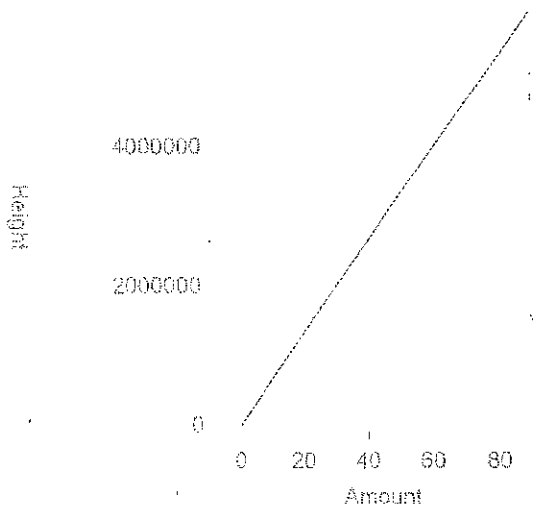
Single peak quantification by height

Y = 80248.98 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9949205
Average error: 3.565%
Average CF: 80248.98
RSD: 4.389%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	4.03	311514.8	77298.95	-3.676	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.006.BND	5/7/2013 3:37:47 PM
2	20.14	1537613	76346.23	-4.863	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.007.BND	5/7/2013 3:37:53 PM
3	40.28	3220336	79948.76	-0.374	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.008.BND	5/7/2013 3:37:59 PM
4	60.42	5060875	83761.59	4.377	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.009.BND	5/7/2013 3:38:05 PM
5	80.56	6758129	83889.39	4.536	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.010.BND	5/7/2013 3:38:11 PM

2 DCB



Expected retention time:	6.452 minutes
Search window:	0.02 minutes
No retention time reference component	
No response proxy component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

Single peak quantification by height

Y = 66915.91 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9969706
Average error:	4.946%
Average CF:	66915.91
RSD:	7.478%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	4.06	305274.7	75190.81	12.366	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.006.BND	5/7/2013 3:37:4
2	20.3	1318541	64952.76	-2.934	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.007.BND	5/7/2013 3:37:5
3	40.6	2507175	61753.08	-7.715	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.008.BND	5/7/2013 3:37:5
4	60.9	4009492	65837.3	-1.612	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.009.BND	5/7/2013 3:38:0
5	81.2	5427865	66845.63	-0.105	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.010.BND	5/7/2013 3:38:1

6D
INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Update File:

Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	RT OF STANDARDS LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MIDPOINT RT	RT WINDOW FROM	TO
Tetrachloro-m-xylene	2.68	2.68	2.68	2.68	2.68	2.68	2.66	2.70
Decachlorobiphenyl	6.23	6.23	6.23	6.23	6.23	6.23	6.21	6.25

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	CALIBRATION FACTORS						%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	MEAN	
Tetrachloro-m-xylene	1.03E+05	9.91E+04	9.97E+04	1.01E+05	1.02E+05	1.01E+05	2
Decachlorobiphenyl	6.18E+04	5.37E+04	5.20E+04	5.33E+04	5.53E+04	5.52E+04	7

Average % RSD: 5

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B Calibration File: 1P7127B
GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	2.97	2.95	2.99	2153	1805	1	50	107635	13
					1914		2	100	191442	
					1748		3	200	349555	
					1628		4	500	814151	
					1580		5	1000	1579822	
	2	3.30	3.28	3.32	2436	2104	1	50	121775	10
					2183		2	100	218346	
					2062		3	200	412329	
					1938		4	500	969069	
					1903		5	1000	1902762	
	3	3.46	3.44	3.48	2292	2150	1	50	114620	5
					2120		2	100	211971	
					2087		3	200	417481	
					2037		4	500	1018455	
					2212		5	1000	2211980	
	4	3.49	3.47	3.51	2652	2222	1	50	132604	12
					2303		2	100	230329	
					2172		3	200	434415	
					2003		4	500	1001600	
					1978		5	1000	1978217	
	5	3.57	3.55	3.59	2475	2234	1	50	123742	7
					2272		2	100	227202	
					2172		3	200	434304	
					2104		4	500	1051889	
					2146		5	1000	2146087	
	6	3.62	3.60	3.64	1988	1669	1	50	99399	13
					1791		2	100	179135	
					1598		3	200	319535	
					1498		4	500	749243	
					1472		5	1000	1471736	
Aroclor-1221	1	2.85	2.83	2.87	1017	1017	1	200	203432	
	2	2.92	2.90	2.94	724	724	1	200	144728	
	3	2.97	2.95	2.99	2433	2433	1	200	486543	
Aroclor-1232	1	2.97	2.95	2.99	2166	2166	1	200	433285	
	2	3.30	3.28	3.32	1038	1038	1	200	207516	
	3	3.46	3.44	3.48	945	945	1	200	188908	
	4	3.49	3.47	3.51	1144	1144	1	200	228797	
	5	3.57	3.55	3.59	1067	1067	1	200	213313	
	6	3.62	3.60	3.64	681	681	1	200	136160	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1242	1	2.97	2.95	2.99	1521	1521	1	200	304105	
	2	3.30	3.28	3.32	1692	1692	1	200	338369	
	3	3.46	3.44	3.48	1700	1700	1	200	339925	
	4	3.49	3.47	3.51	1860	1860	1	200	371941	
	5	3.57	3.55	3.59	1825	1825	1	200	364922	
	6	3.62	3.60	3.64	1256	1256	1	200	251255	
Aroclor-1248	1	3.60	3.58	3.62	2784	2274	1	50	139212	14
					2370		2	100	236980	
					2142		3	200	428455	
					2041		4	500	1020607	
					2031		5	1000	2031374	
	2	3.73	3.71	3.75	3397	2841	1	50	169864	13
					3007		2	100	300681	
					2649		3	200	529735	
					2608		4	500	1303796	
					2547		5	1000	2546909	
	3	3.83	3.81	3.85	2300	1946	1	50	115013	11
					2029		2	100	202851	
					1830		3	200	366081	
					1774		4	500	886840	
					1799		5	1000	1799129	
	4	3.96	3.94	3.98	4400	3825	1	50	220016	10
					3979		2	100	397864	
					3634		3	200	726760	
					3562		4	500	1781024	
					3549		5	1000	3549202	
	5	4.10	4.08	4.12	2015	1740	1	50	100728	10
					1829		2	100	182853	
					1619		3	200	323824	
					1649		4	500	824540	
					1589		5	1000	1588756	
	6	4.33	4.31	4.35	2155	1777	1	50	107750	13
					1852		2	100	185218	
					1668		3	200	333664	
					1611		4	500	805318	
					1601		5	1000	1601106	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.06	4.04	4.08	4138	3640	1	50	206902	8
					3650		2	100	364986	
					3585		3	250	896144	
					3495		4	500	1747358	
					3331		5	1000	3330971	
	2	4.27	4.25	4.29	3297	2971	1	50	164827	7
					2960		2	100	296032	
					2922		3	250	730409	
					2910		4	500	1454813	
					2766		5	1000	2766228	
	3	4.33	4.31	4.35	5560	5106	1	50	278018	5
					4936		2	100	493581	
					5087		3	250	1271831	
					5090		4	500	2545072	
					4858		5	1000	4858330	
	4	4.50	4.48	4.52	3644	3316	1	50	182185	6
					3321		2	100	332066	
					3194		3	250	798476	
					3246		4	500	1623036	
					3173		5	1000	3173193	
	5	4.72	4.70	4.74	2630	2470	1	50	131490	4
					2451		2	100	245058	
					2444		3	250	611081	
					2440		4	500	1220147	
					2387		5	1000	2386553	
	6	4.80	4.78	4.82	4127	3719	1	50	206372	6
					3695		2	100	369501	
					3608		3	250	902022	
					3573		4	500	1786399	
					3593		5	1000	3593420	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.57	4.55	4.59	4727	4243	1	50	236334	7
					4223		2	100	422258	
					4012		3	200	802498	
					4056		4	500	2028016	
					4197		5	1000	4197416	
	2	4.67	4.65	4.69	4235	3916	1	50	211774	5
					3962		2	100	396191	
					3732		3	200	746403	
					3842		4	500	1921147	
					3809		5	1000	3808909	
	3	4.80	4.78	4.82	3969	3752	1	50	198465	4
					3686		2	100	368628	
					3699		3	200	739852	
					3640		4	500	1819875	
					3766		5	1000	3765754	
	4	5.03	5.01	5.05	3640	3344	1	50	182013	5
					3346		2	100	334621	
					3272		3	200	654388	
					3195		4	500	1597294	
					3266		5	1000	3265774	
	5	5.22	5.20	5.24	7495	7154	1	50	374727	4
					6906		2	100	690568	
					6835		3	200	1367061	
					7176		4	500	3587814	
					7359		5	1000	7358997	
	6	5.49	5.47	5.51	5125	4841	1	50	256262	4
					4749		2	100	474896	
					4698		3	200	939622	
					4712		4	500	2356213	
					4922		5	1000	4922325	
Aroclor-1262	1	4.84	4.82	4.86	4334	4334	1	200	866887	
	2	5.03	5.01	5.05	4495	4495	1	200	898908	
	3	5.23	5.21	5.25	8757	8757	1	200	1751471	
	4	5.44	5.42	5.46	3417	3417	1	200	683492	
	5	5.49	5.47	5.51	6074	6074	1	200	1214836	
	6	5.87	5.85	5.89	3053	3053	1	200	610648	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 1P7127B

GC Column (2) : ZB MR2 ID: 0.32 (mm) Date(s) Analyzed: 5/7/13 5/7/13

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1268	1	5.44	5.42	5.46	9910	9910	1	200	1981990	
	2	5.49	5.47	5.51	9779	9779	1	200	1955832	
	3	5.64	5.62	5.66	7971	7971	1	200	1594231	
	4	5.71	5.69	5.73	2029	2029	1	200	405777	
	5	5.87	5.85	5.89	3283	3283	1	200	656633	
	6	6.07	6.05	6.09	22531	22531	1	200	4506286	

File Name: V:\CP7\1p7127b.CAL
Version: 23

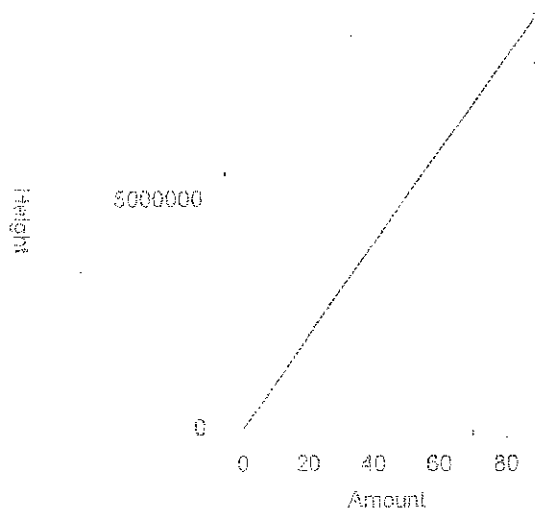
Creator:
Description:
Reason for change:

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
No default component

Method of calculating data point averages: Current update equal to cal data
Print calibration update report

All levels are normal data points.

1 TCX



Expected retention time: 2.681 minutes
Search window: 0.02 minutes
No retention time reference component
No response proxy component
Group number: 0

High alarm limit: 0
Low alarm limit: 0
Component constant: 0

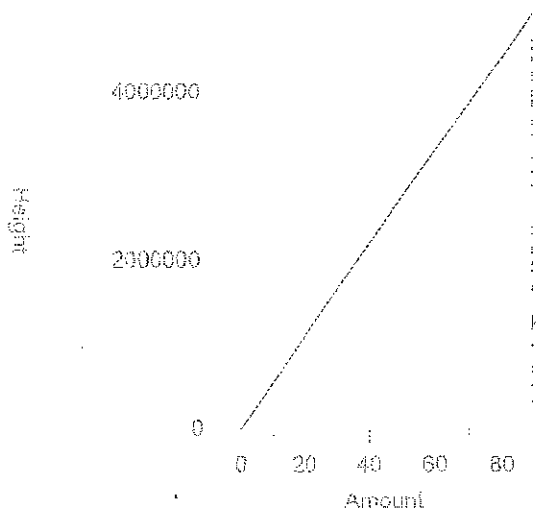
Single peak quantification by height

Y = 100910.9 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9995314
Average error: 1.306%
Average CF: 100910.9
RSD: 1.601%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	4.03	413957	102718.9	1.792	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.006.BND	5/7/2013 3:37:51 PM
2	20.14	1994936	99053.43	-1.841	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.007.BND	5/7/2013 3:37:57 PM
3	40.28	4015898	99699.55	-1.200	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.008.BND	5/7/2013 3:38:03 PM
4	60.42	6083440	100685.9	-0.223	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.009.BND	5/7/2013 3:38:09 PM
5	80.56	8249099	102397	1.473	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.010.BND	5/7/2013 3:38:15 PM

2 DCB



Expected retention time:	6.225 minutes
Search window:	0.02 minutes
No retention time reference component	
No response proxy component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

Single peak quantification by height

Y = 55202.89 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9971426
Average error:	4.841%
Average CF:	55202.89
RSD:	7.030%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	4.06	250991.4	61820.54	11.988	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.006.BND	5/7/2013 3:37:
2	20.3	1089327	53661.43	-2.792	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.007.BND	5/7/2013 3:37:
3	40.6	2110185	51975	-5.847	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.008.BND	5/7/2013 3:38:
4	60.9	3245420	53290.97	-3.463	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.009.BND	5/7/2013 3:38:
5	81.2	4487639	55266.49	0.115	\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127B.010.BND	5/7/2013 3:38:

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13
GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/07/13
Lab File ID: 1P7127.028.RAW Time Analyzed: 17:26
Lab Standard ID: IC16XAA Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	39.80	40.28	-1
Decachlorobiphenyl	6.45	6.43	6.47	38.12	40.60	-6
Aroclor-1016	3.07	3.05	3.09	201.94	200.20	1
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	194.27	200.40	-3
	4.81	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 3

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: 19843B
Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm)
Date Analyzed: 05/07/13
Lab File ID: 1P7127B.028.RAW
Time Analyzed: 17:26
Lab Standard ID: IC16XAA
Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.54	40.28	1
Decachlorobiphenyl	6.22	6.21	6.25	40.57	40.60	0
Aroclor-1016	2.97	2.95	2.99	202.96	200.20	1
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.57	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	198.76	200.40	-1
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.49	5.47	5.51			

Compounds 14
Average of %D: 1

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/07/13

Lab File ID: 1P7127.029.RAW Time Analyzed: 17:37

Lab Standard ID: IC48XAA Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	40.90	40.28	2
Decachlorobiphenyl	6.45	6.43	6.47	39.98	40.60	-2
Aroclor-1248	3.73	3.71	3.75	183.70	200.00	-8
	3.85	3.83	3.87			
	3.94	3.92	3.96			
	4.11	4.09	4.13			
	4.24	4.22	4.26			
	4.49	4.47	4.51			

Compounds 8 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13

GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/07/13

Lab File ID: 1P7127B.029.RAW Time Analyzed: 17:37

Lab Standard ID: IC48XAA Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.57	40.28	1
Decachlorobiphenyl	6.23	6.21	6.25	41.11	40.60	1
Aroclor-1248	3.60	3.58	3.62	185.46	200.00	-7
	3.73	3.71	3.75			
	3.82	3.81	3.85			
	3.96	3.94	3.98			
	4.10	4.08	4.12			
	4.33	4.31	4.35			

Compounds 8 Average of %D: 3

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: 19843A
Init. Calib Date(s): 05/07/13 05/07/13
GC Column (1) : ZB MR1 ID: .32 (mm)
Date Analyzed: 05/07/13
Lab File ID: 1P7127.030.RAW
Time Analyzed: 17:49
Lab Standard ID: IC54XAA
Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	42.06	40.28	4
Decachlorobiphenyl	6.45	6.43	6.47	42.07	40.60	4
Aroclor-1254	4.24	4.22	4.26	234.09	250.75	-7
	4.43	4.41	4.45			
	4.49	4.47	4.51			
	4.70	4.68	4.72			
	4.89	4.87	4.91			
	5.01	4.99	5.03			

Compounds 8
Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B
Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm)
Date Analyzed: 05/07/13
Lab File ID: 1P7127B.030.RAW
Time Analyzed: 17:49
Lab Standard ID: IC54XAA
Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	41.73	40.28	4
Decachlorobiphenyl	6.23	6.21	6.25	42.74	40.60	5
Aroclor-1254	4.06	4.04	4.08	241.65	250.75	-4
	4.27	4.25	4.29			
	4.33	4.31	4.35			
	4.50	4.48	4.52			
	4.72	4.70	4.74			
	4.80	4.78	4.82			

Compounds 8
Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: BP7127.019.RAW Time Analyzed: 11:58

Lab Standard ID: AR163ZA Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	39.57	40.28	-2
Decachlorobiphenyl	6.45	6.43	6.47	42.99	40.60	6
Aroclor-1016	3.07	3.05	3.09	190.41	200.00	-5
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	202.70	200.00	1
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13

GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: BP7127B.019.RAW Time Analyzed: 11:58

Lab Standard ID: AR163ZA Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	39.50	40.28	-2
Decachlorobiphenyl	6.22	6.21	6.25	46.15	40.60	14
Aroclor-1016	2.97	2.95	2.99	199.90	200.00	0
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.57	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	216.45	200.00	8
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.49	5.47	5.51			

Compounds 14 Average of %D: 6

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: BP7127.031.RAW Time Analyzed: 14:14

Lab Standard ID: AR163ZG Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.81	2.80	2.84	39.75	40.28	-1
Decachlorobiphenyl	6.45	6.43	6.47	43.15	40.60	6
Aroclor-1016	3.07	3.05	3.09	187.99	200.00	-6
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	201.36	200.00	1
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/15/13
Lab File ID: BP7127B.031.RAW Time Analyzed: 14:14
Lab Standard ID: AR163ZG Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.42	40.28	0
Decachlorobiphenyl	6.22	6.21	6.25	45.11	40.60	11
Aroclor-1016	2.97	2.95	2.99	200.14	200.00	0
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.56	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	214.33	200.00	7
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.48	5.47	5.51			

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13
GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/15/13
Lab File ID: BP7127.043.RAW Time Analyzed: 16:31
Lab Standard ID: AR163ZH Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	39.37	40.28	-2
Decachlorobiphenyl	6.45	6.43	6.47	44.24	40.60	9
Aroclor-1016	3.07	3.05	3.09	190.15	200.00	-5
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	201.28	200.00	1
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/15/13
Lab File ID: BP7127B.043.RAW Time Analyzed: 16:31
Lab Standard ID: AR163ZH Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.37	40.28	0
Decachlorobiphenyl	6.22	6.21	6.25	46.27	40.60	14
Aroclor-1016	2.97	2.95	2.99	199.27	200.00	0
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.56	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	216.78	200.00	8
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.48	5.47	5.51			

Compounds 14 Average of %D: 6

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: BP7127.054.RAW Time Analyzed: 18:36

Lab Standard ID: AR163ZI Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.81	2.80	2.84	39.27	40.28	-3
Decachlorobiphenyl	6.45	6.43	6.47	42.62	40.60	5
Aroclor-1016	3.07	3.05	3.09	190.45	200.00	-5
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	200.42	200.00	0
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 3

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/15/13
Lab File ID: BP7127B.054.RAW Time Analyzed: 18:36
Lab Standard ID: AR163ZI Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.42	40.28	0
Decachlorobiphenyl	6.22	6.21	6.25	45.16	40.60	11
Aroclor-1016	2.97	2.95	2.99	198.11	200.00	-1
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.56	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	216.02	200.00	8
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.49	5.47	5.51			

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: CP7127.005.RAW Time Analyzed: 22:20

Lab Standard ID: AR163ZN Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.81	2.80	2.84	39.19	40.28	-3
Decachlorobiphenyl	6.45	6.43	6.47	42.69	40.60	5
Aroclor-1016	3.07	3.05	3.09	186.82	200.00	-7
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	199.19	200.00	0
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13

GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/15/13

Lab File ID: CP7127B.005.RAW Time Analyzed: 22:20

Lab Standard ID: AR163ZN Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.01	40.28	-1
Decachlorobiphenyl	6.22	6.21	6.25	45.22	40.60	11
Aroclor-1016	2.97	2.95	2.99	192.82	200.00	-4
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.56	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	212.61	200.00	6
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.48	5.47	5.51			

Compounds 14 Average of %D: 6

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/16/13

Lab File ID: CP7127.017.RAW Time Analyzed: 0:36

Lab Standard ID: AR163ZO Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.81	2.80	2.84	39.31	40.28	-2
Decachlorobiphenyl	6.45	6.43	6.47	42.77	40.60	5
Aroclor-1016	3.07	3.05	3.09	188.68	200.00	-6
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	202.28	200.00	1
	4.80	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.68	5.67	5.71			

Compounds 14 Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13

GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/16/13

Lab File ID: CP7127B.017.RAW Time Analyzed: 0:36

Lab Standard ID: AR163ZO Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.44	40.28	0
Decachlorobiphenyl	6.22	6.21	6.25	45.25	40.60	11
Aroclor-1016	2.97	2.95	2.99	200.15	200.00	0
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.56	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	218.32	200.00	9
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.48	5.47	5.51			

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13
GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/21/13
Lab File ID: HP7127.033.RAW Time Analyzed: 12:28
Lab Standard ID: AR163BL Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	39.64	40.28	-2
Decachlorobiphenyl	6.45	6.43	6.47	42.90	40.60	6
Aroclor-1016	3.07	3.05	3.09	194.16	200.00	-3
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.66	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	205.05	200.00	3
	4.81	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.69	5.67	5.71			

Compounds 14 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories
Contract:
Lab Code:
Case No.:
SAS No.:
SDG No.:
Instrument: 19843B
Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm)
Date Analyzed: 05/21/13
Lab File ID: HP7127B.033.RAW
Time Analyzed: 12:28
Lab Standard ID: AR163BL
Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.85	40.28	1
Decachlorobiphenyl	6.22	6.21	6.25	44.58	40.60	10
Aroclor-1016	2.97	2.95	2.99	208.78	200.00	4
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.57	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	222.44	200.00	11
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.49	5.47	5.51			

Compounds 14
Average of %D: 7

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Init. Calib Date(s): 05/07/13 05/07/13

GC Column (1) : ZB MR1 ID: .32 (mm) Date Analyzed: 05/21/13

Lab File ID: HP7127.041.RAW Time Analyzed: 13:59

Lab Standard ID: AR163BM Initial Calibration: 1P7127

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.82	2.80	2.84	40.13	40.28	0
Decachlorobiphenyl	6.45	6.43	6.47	42.26	40.60	4
Aroclor-1016	3.07	3.05	3.09	196.55	200.00	-2
	3.40	3.38	3.42			
	3.57	3.55	3.59			
	3.61	3.59	3.63			
	3.67	3.64	3.68			
	3.85	3.83	3.87			
Aroclor-1260	4.61	4.59	4.63	206.24	200.00	3
	4.81	4.79	4.83			
	5.01	4.99	5.03			
	5.24	5.22	5.26			
	5.48	5.46	5.50			
	5.69	5.67	5.71			

Compounds 14 Average of %D: 2

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Instrument: 19843B Init. Calib Date(s): 05/07/13 05/07/13
GC Column (2) : ZB MR2 ID: .32 (mm) Date Analyzed: 05/21/13
Lab File ID: HP7127B.041.RAW Time Analyzed: 13:59
Lab Standard ID: AR163BM Initial Calibration: 1P7127B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT (ug/l)	NOM AMOUNT (ug/l)	%D
Tetrachloro-m-xylene	2.68	2.66	2.70	40.83	40.28	1
Decachlorobiphenyl	6.22	6.21	6.25	44.74	40.60	10
Aroclor-1016	2.97	2.95	2.99	205.79	200.00	3
	3.30	3.28	3.32			
	3.46	3.44	3.48			
	3.49	3.47	3.51			
	3.57	3.55	3.59			
	3.62	3.60	3.64			
Aroclor-1260	4.56	4.55	4.59	220.79	200.00	10
	4.67	4.65	4.69			
	4.80	4.78	4.82			
	5.03	5.01	5.05			
	5.22	5.20	5.24			
	5.49	5.47	5.51			

Compounds 14 Average of %D: 6

8D
ANALYTICAL SEQUENCE

Sequence: 1P7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	05/07/2013	12:19:58	1P7127	2.83	
002		CONDITIONER	05/07/2013	12:31:20	1P7127	2.82	6.46
003		CONDITIONER	05/07/2013	12:42:42	1P7127	2.82	
004		CONDITIONER	05/07/2013	12:53:58	1P7127	2.82	
005	PIBLKAA	IBLKX1324D	05/07/2013	13:05:24	1P7127	2.82	6.45
006	AR161AA	AR1611324B	05/07/2013	13:16:48	1P7127	2.82	6.45
007	AR162AA	AR1621324B	05/07/2013	13:28:06	1P7127	2.82	6.45
008	AR163AA	AR1631324B	05/07/2013	13:39:22	1P7127	2.82	6.45
009	AR164AA	AR1641324B	05/07/2013	13:50:36	1P7127	2.82	6.45
010	AR165AA	AR1651324B	05/07/2013	14:02:01	1P7127	2.82	6.45
011	AR481AA	AR4811224B	05/07/2013	14:13:15	1P7127	2.82	6.45
012	AR482AA	AR4821224B	05/07/2013	14:24:42	1P7127	2.82	6.45
013	AR483AA	AR4831224B	05/07/2013	14:36:09	1P7127	2.82	6.45
014	AR484AA	AR4841224B	05/07/2013	14:47:24	1P7127	2.82	6.45
015	AR485AA	AR4851224B	05/07/2013	14:58:40	1P7127	2.82	6.45
016	AR541AA	AR5411324A	05/07/2013	15:10:06	1P7127	2.82	6.45
017	AR542AA	AR5421324A	05/07/2013	15:21:21	1P7127	2.82	6.45
018	AR543AA	AR5431324A	05/07/2013	15:32:47	1P7127	2.82	6.45
019	AR544AA	AR5441324A	05/07/2013	15:44:19	1P7127	2.82	6.45
020	AR545AA	AR5451324A	05/07/2013	15:55:42	1P7127	2.82	6.45
021	AR623AA	AR6231224C	05/07/2013	16:07:10	1P7127	2.82	6.45
022	AR683AA	AR6831324A	05/07/2013	16:18:25	1P7127		6.45
023	AR213AA	AR2131224C	05/07/2013	16:29:51	1P7127	2.82	6.45
024	AR32XAA	AR32X1324A	05/07/2013	16:41:10	1P7127	2.82	6.45
025	AR423AA	AR4231224D	05/07/2013	16:52:29	1P7127	2.82	6.45
026	AR16XAA	AR16XX1324A	05/07/2013	17:03:52	1P7127	2.82	6.45
027	MD16XAA	MD16X1324B	05/07/2013	17:15:17	1P7127	2.82	6.45
028	IC16XAA	IC16X1324B	05/07/2013	17:26:33	1P7127	2.82	6.45
029	IC48XAA	IC48X1224B	05/07/2013	17:37:58	1P7127	2.82	6.45
030	IC54XAA	IC54X1324A	05/07/2013	17:49:28	1P7127	2.82	6.45
031	PBLK08126	BLANKA	05/07/2013	18:09:38	1p7127		

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: 1P7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	05/07/2013	12:19:58	1P7127B		6.27 *
002		CONDITIONER	05/07/2013	12:31:20	1P7127B		
003		CONDITIONER	05/07/2013	12:42:42	1P7127B		
004		CONDITIONER	05/07/2013	12:53:58	1P7127B		
005	PIBLKAA	IBLKX1324D	05/07/2013	13:05:24	1P7127B	2.68	6.23
006	AR161AA	AR1611324B	05/07/2013	13:16:48	1P7127B	2.68	6.23
007	AR162AA	AR1621324B	05/07/2013	13:28:06	1P7127B	2.68	6.23
008	AR163AA	AR1631324B	05/07/2013	13:39:22	1P7127B	2.68	6.23
009	AR164AA	AR1641324B	05/07/2013	13:50:36	1P7127B	2.68	6.23
010	AR165AA	AR1651324B	05/07/2013	14:02:01	1P7127B	2.68	6.23
011	AR481AA	AR4811224B	05/07/2013	14:13:15	1P7127B	2.68	6.22
012	AR482AA	AR4821224B	05/07/2013	14:24:42	1P7127B	2.68	6.23
013	AR483AA	AR4831224B	05/07/2013	14:36:09	1P7127B	2.68	6.23
014	AR484AA	AR4841224B	05/07/2013	14:47:24	1P7127B	2.68	6.22
015	AR485AA	AR4851224B	05/07/2013	14:58:40	1P7127B	2.68	6.22
016	AR541AA	AR5411324A	05/07/2013	15:10:06	1P7127B	2.68	6.22
017	AR542AA	AR5421324A	05/07/2013	15:21:21	1P7127B	2.68	6.22
018	AR543AA	AR5431324A	05/07/2013	15:32:47	1P7127B	2.68	6.23
019	AR544AA	AR5441324A	05/07/2013	15:44:19	1P7127B	2.68	6.23
020	AR545AA	AR5451324A	05/07/2013	15:55:42	1P7127B	2.68	6.23
021	AR623AA	AR6231224C	05/07/2013	16:07:10	1P7127B		6.22
022	AR683AA	AR6831324A	05/07/2013	16:18:25	1P7127B		6.22
023	AR213AA	AR2131224C	05/07/2013	16:29:51	1P7127B	2.68	6.22
024	AR32XAA	AR32X1324A	05/07/2013	16:41:10	1P7127B	2.68	6.22
025	AR423AA	AR4231224D	05/07/2013	16:52:29	1P7127B	2.68	6.22
026	AR16XAA	AR16XX1324A	05/07/2013	17:03:52	1P7127B	2.68	6.22
027	MD16XAA	MD16X1324B	05/07/2013	17:15:17	1P7127B	2.68	6.22
028	IC16XAA	IC16X1324B	05/07/2013	17:26:33	1P7127B	2.68	6.22
029	IC48XAA	IC48X1224B	05/07/2013	17:37:58	1P7127B	2.68	6.23
030	IC54XAA	IC54X1324A	05/07/2013	17:49:28	1P7127B	2.68	6.23
031	PBLK08126	BLANKA	05/07/2013	18:09:38	1p7127b		

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: BP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	05/15/2013	08:33:17	1P7127	2.82	6.46
002		CONDITIONER	05/15/2013	08:44:39	1P7127	2.82	6.46
003		CONDITIONER	05/15/2013	08:56:08	1P7127	2.82	6.45
004		CONDITIONER	05/15/2013	09:07:21	1P7127	2.82	6.45
005	AR163YY	AR1631324B	05/15/2013	09:18:43	1P7127	2.82	6.45
006	PIBLKFC	IBLKX1324D	05/15/2013	09:30:16	1P7127	2.82	6.45
007	S6108	7051079	05/15/2013	09:41:45	1P7127	2.82	6.45
008	S6108	7051079	05/15/2013	09:53:11	1P7127	2.82	6.45
009	S6409	7051090	05/15/2013	10:04:27	1P7127	2.82	6.45
010	S6409	7051090	05/15/2013	10:15:53	1P7127	2.82	6.45
011	S6506	7051094	05/15/2013	10:27:12	1P7127	2.82	6.45
012	S6506	7051094	05/15/2013	10:38:27	1P7127	2.82	6.45
013	AR163YZ	AR1631324B	05/15/2013	10:49:56	1P7127	2.82	6.45
014	PIBLKFD	IBLKX1324D	05/15/2013	11:01:08	1P7127	2.82	6.45
015	PBLK07134	BLANKA	05/15/2013	11:12:24	1P7127	2.82	6.45
016	LCS07134	LCSA	05/15/2013	11:23:54	1P7127	2.82	6.45
017	LCSD07134	LCSDA	05/15/2013	11:35:18	1P7127	2.82	6.45
018	CW001	7049363	05/15/2013	11:46:44	1P7127	2.82	6.45
019	AR163ZA	AR1631324B	05/15/2013	11:58:14	1P7127	2.82	6.45
020	PIBLKFE	IBLKX1324D	05/15/2013	12:09:35	1P7127	2.82	6.45
021	PBLK08134	BLANKA	05/15/2013	12:20:54	1P7127	2.81	6.45
022	LCS08134	LCSA	05/15/2013	12:32:20	1P7127	2.82	6.45
023	S6514	7051098	05/15/2013	12:43:41	1P7127	2.82	6.45
024	S8306	7051099	05/15/2013	12:55:04	1P7127	2.82	6.45
025	S8308	7051100	05/15/2013	13:06:37	1P7127	2.82	6.45
026	S8310	7051101	05/15/2013	13:18:02	1P7127	2.82	6.45
027	S8310	7051101	05/15/2013	13:29:29	1P7127	2.82	6.45
028	S8312	7051102	05/15/2013	13:40:51	1P7127	2.82	6.45
029	S8314	7051103	05/15/2013	13:52:07	1P7127	2.81	6.45
030	S8314	7051103	05/15/2013	14:03:33	1P7127	2.82	6.45
031	AR163ZG	AR1631324B	05/15/2013	14:14:52	1P7127	2.81	6.45
032	PIBLKFK	IBLKX1324D	05/15/2013	14:26:17	1P7127	2.82	6.45
033	S8316	7051104	05/15/2013	14:37:45	1P7127	2.82	6.45

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: BP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	S8406	7051105	05/15/2013	14:49:09	1P7127	2.81	6.45
035	S8408	7051106	05/15/2013	15:00:25	1P7127	2.82	6.45
036	S8408	7051107	05/15/2013	15:11:50	1P7127	2.82	6.45
037	S8408	7051108	05/15/2013	15:23:18	1P7127	2.82	6.45
038	SBFD8	7051109	05/15/2013	15:34:43	1P7127	2.82	6.45
039	S8410	7051110	05/15/2013	15:45:58	1P7127	2.82	6.45
040	S8412	7051111	05/15/2013	15:57:10	1P7127	2.81	6.45
041	S8414	7051112	05/15/2013	16:08:41	1P7127	2.82	6.45
042	S8414	7051112	05/15/2013	16:20:06	1P7127	2.81	6.45
043	AR163ZH	AR1631324B	05/15/2013	16:31:26	1P7127	2.82	6.45
044	PIBLKFL	IBLKX1324D	05/15/2013	16:42:40	1P7127	2.81	6.45
045	S8506	7051113	05/15/2013	16:53:54	1P7127	2.81	6.45
046	S8508	7051114	05/15/2013	17:05:10	1P7127	2.81	6.45
047	S8508	7051114	05/15/2013	17:16:36	1P7127	2.82	6.45
048	S8510	7051115	05/15/2013	17:27:56	1P7127	2.81	6.45
049	S8512	7051116	05/15/2013	17:39:15	1P7127	2.82	6.45
050	S8512	7051116	05/15/2013	17:50:39	1P7127	2.82	6.45
051	S8514	7051117	05/15/2013	18:02:06	1P7127	2.82	6.45
052	1339A	7052499	05/15/2013	18:13:31	1P7127	2.81	6.44
053	1339B	7052500	05/15/2013	18:24:51	1P7127	2.81	6.45
054	AR163ZI	AR1631324B	05/15/2013	18:36:16	1P7127	2.81	6.45
055	PIBLKFM	IBLKX1324D	05/15/2013	18:47:36	1P7127	2.82	6.45

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: BP7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	05/15/2013	08:33:17	1P7127B	2.68	6.22
002		CONDITIONER	05/15/2013	08:44:39	1P7127B	2.68	6.23
003		CONDITIONER	05/15/2013	08:56:08	1P7127B	2.68	6.22
004		CONDITIONER	05/15/2013	09:07:21	1P7127B	2.68	6.22
005	AR163YY	AR1631324B	05/15/2013	09:18:43	1P7127B	2.68	6.22
006	PIBLKFC	IBLKX1324D	05/15/2013	09:30:16	1P7127B	2.68	6.22
007	S6108	7051079	05/15/2013	09:41:45	1P7127B	2.68	6.22
008	S6108	7051079	05/15/2013	09:53:11	1P7127B	2.68	6.22
009	S6409	7051090	05/15/2013	10:04:27	1P7127B	2.68	6.22
010	S6409	7051090	05/15/2013	10:15:53	1P7127B	2.68	6.22
011	S6506	7051094	05/15/2013	10:27:12	1P7127B	2.68	6.22
012	S6506	7051094	05/15/2013	10:38:27	1P7127B	2.68	6.22
013	AR163YZ	AR1631324B	05/15/2013	10:49:56	1P7127B	2.68	6.22
014	PIBLKFD	IBLKX1324D	05/15/2013	11:01:08	1P7127B	2.68	6.22
015	PBLK07134	BLANKA	05/15/2013	11:12:24	1P7127B	2.68	6.22
016	LCS07134	LCSA	05/15/2013	11:23:54	1P7127B	2.68	6.22
017	LCSD07134	LCSDA	05/15/2013	11:35:18	1P7127B	2.68	6.22
018	CW001	7049363	05/15/2013	11:46:44	1P7127B	2.68	6.22
019	AR163ZA	AR1631324B	05/15/2013	11:58:14	1P7127B	2.68	6.22
020	PIBLKFE	IBLKX1324D	05/15/2013	12:09:35	1P7127B	2.68	6.22
021	PBLK08134	BLANKA	05/15/2013	12:20:54	1P7127B	2.68	6.22
022	LCS08134	LCSA	05/15/2013	12:32:20	1P7127B	2.68	6.22
023	S6514	7051098	05/15/2013	12:43:41	1P7127B	2.68	6.22
024	S8306	7051099	05/15/2013	12:55:04	1P7127B	2.68	6.22
025	S8308	7051100	05/15/2013	13:06:37	1P7127B	2.68	6.22
026	S8310	7051101	05/15/2013	13:18:02	1P7127B	2.68	6.22
027	S8310	7051101	05/15/2013	13:29:29	1P7127B	2.68	6.22
028	S8312	7051102	05/15/2013	13:40:51	1P7127B	2.68	6.22
029	S8314	7051103	05/15/2013	13:52:07	1P7127B	2.68	6.22
030	S8314	7051103	05/15/2013	14:03:33	1P7127B	2.68	6.22
031	AR163ZG	AR1631324B	05/15/2013	14:14:52	1P7127B	2.68	6.22
032	PIBLKFK	IBLKX1324D	05/15/2013	14:26:17	1P7127B	2.68	6.22
033	S8316	7051104	05/15/2013	14:37:45	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: BP7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	S8406	7051105	05/15/2013	14:49:09	1P7127B	2.68	6.22
035	S8408	7051106	05/15/2013	15:00:25	1P7127B	2.68	6.22
036	S8408	7051107	05/15/2013	15:11:50	1P7127B	2.68	6.22
037	S8408	7051108	05/15/2013	15:23:18	1P7127B	2.68	6.22
038	SBFD8	7051109	05/15/2013	15:34:43	1P7127B	2.68	6.22
039	S8410	7051110	05/15/2013	15:45:58	1P7127B	2.66	
040	S8412	7051111	05/15/2013	15:57:10	1P7127B	2.68	6.22
041	S8414	7051112	05/15/2013	16:08:41	1P7127B	2.68	6.22
042	S8414	7051112	05/15/2013	16:20:06	1P7127B	2.68	6.22
043	AR163ZH	AR1631324B	05/15/2013	16:31:26	1P7127B	2.68	6.22
044	PIBLKFL	IBLKX1324D	05/15/2013	16:42:40	1P7127B	2.68	6.22
045	S8506	7051113	05/15/2013	16:53:54	1P7127B	2.68	6.22
046	S8508	7051114	05/15/2013	17:05:10	1P7127B	2.68	6.22
047	S8508	7051114	05/15/2013	17:16:36	1P7127B	2.68	6.22
048	S8510	7051115	05/15/2013	17:27:56	1P7127B	2.68	6.22
049	S8512	7051116	05/15/2013	17:39:15	1P7127B	2.68	6.22
050	S8512	7051116	05/15/2013	17:50:39	1P7127B	2.68	6.22
051	S8514	7051117	05/15/2013	18:02:06	1P7127B	2.68	6.22
052	1339A	7052499	05/15/2013	18:13:31	1P7127B	2.68	6.22
053	1339B	7052500	05/15/2013	18:24:51	1P7127B	2.68	6.22
054	AR163ZI	AR1631324B	05/15/2013	18:36:16	1P7127B	2.68	6.22
055	PIBLKFM	IBLKX1324D	05/15/2013	18:47:36	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: CP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	05/15/2013	21:34:43	1P7127	2.83	
002		CONDITIONER	05/15/2013	21:46:05	1P7127	2.82	6.46
003		CONDITIONER	05/15/2013	21:57:29	1P7127	2.82	6.45
004		CONDITIONER	05/15/2013	22:08:55	1P7127	2.82	6.45
005	AR163ZN	AR1631324B	05/15/2013	22:20:09	1P7127	2.81	6.45
006	PIBLKFP	IBLKX1324D	05/15/2013	22:31:37	1P7127	2.82	6.45
007	S8314	7051103	05/15/2013	22:43:04	1P7127	2.82	6.45
008	SBFD8	7051109	05/15/2013	22:54:33	1P7127	2.81	6.45
009	S8410	7051110	05/15/2013	23:05:58	1P7127	2.82	6.45
010	S8414	7051112	05/15/2013	23:17:22	1P7127	2.82	6.45
011	S8508	7051114	05/15/2013	23:28:47	1P7127	2.82	6.45
012	S8510	7051115	05/15/2013	23:40:15	1P7127	2.82	6.45
013	S8512	7051116	05/15/2013	23:51:47	1P7127	2.82	6.45
014	1339B	7052500	05/16/2013	00:03:01	1P7127	2.81	6.45
015	PBLK19134	BLANKA	05/16/2013	00:14:13	1P7127	2.81	6.45
016	LCS19134	LCSA	05/16/2013	00:25:31	1P7127	2.81	6.45
017	AR163ZO	AR1631324B	05/16/2013	00:36:46	1P7127	2.81	6.45
018	PIBLKFQ	IBLKX1324D	05/16/2013	00:48:14	1P7127	2.82	6.45
019	S8606	7051118	05/16/2013	00:59:31	1P7127	2.81	6.45
020	S8608	7051119	05/16/2013	01:10:53	1P7127	2.81	6.45
021	S8612	7051120	05/16/2013	01:22:21	1P7127	2.82	6.45
022	S8614	7051121	05/16/2013	01:33:46	1P7127	2.82	6.45
023	S8706	7051122	05/16/2013	01:45:12	1P7127	2.82	6.45
024	S8708	7051123	05/16/2013	01:56:37	1P7127	2.82	6.45
025	S8710	7051124	05/16/2013	02:08:05	1P7127	2.82	6.45
026	S8712	7051125	05/16/2013	02:19:32	1P7127	2.82	6.45
027	S8714	7051126	05/16/2013	02:30:59	1P7127	2.82	6.45
028	S8716	7051127	05/16/2013	02:42:16	1P7127	2.81	6.45
029	AR163ZP	AR1631324B	05/16/2013	02:53:40	1P7127	2.81	6.45
030	PIBLKFR	IBLKX1324D	05/16/2013	03:05:07	1P7127	2.81	6.45
031	S8718	7051128	05/16/2013	03:16:25	1P7127	2.81	6.45
032	S8806	7051129	05/16/2013	03:27:40	1P7127	2.82	6.45
033	S8808	7051130	05/16/2013	03:39:05	1P7127	2.81	6.45

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

FORM VIII PEST

8D
ANALYTICAL SEQUENCE

Sequence: CP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	S8810	7051131	05/16/2013	03:50:30	1P7127	2.82	6.45
035	S8812	7051132	05/16/2013	04:01:46	1P7127	2.82	6.45
036	S8906	7051133	05/16/2013	04:13:01	1P7127	2.81	6.45
037	S8906	7051134	05/16/2013	04:24:30	1P7127	2.82	6.45
038	S8906	7051135	05/16/2013	04:35:44	1P7127	2.81	6.45
039	SBFD9	7051136	05/16/2013	04:47:08	1P7127	2.82	6.45
040	S8908	7051137	05/16/2013	04:58:31	1P7127	2.82	6.45
041	AR163ZQ	AR1631324B	05/16/2013	05:09:49	1P7127	2.82	6.45
042	PIBLKFS	IBLKX1324D	05/16/2013	05:21:16	1P7127	2.82	6.45

ICAL Dates

1P7127 05/07/2013 - 05/07/2013

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ICAL RT	QC Limits
2.82	(2.80 - 2.84 Minutes)
6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: CP7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	05/15/2013	21:34:43	1P7127B	2.68	
002		CONDITIONER	05/15/2013	21:46:05	1P7127B	2.68	6.23
003		CONDITIONER	05/15/2013	21:57:29	1P7127B	2.68	6.22
004		CONDITIONER	05/15/2013	22:08:55	1P7127B	2.68	6.22
005	AR163ZN	AR1631324B	05/15/2013	22:20:09	1P7127B	2.68	6.22
006	PIBLKFP	IBLKX1324D	05/15/2013	22:31:37	1P7127B	2.68	6.22
007	S8314	7051103	05/15/2013	22:43:04	1P7127B	2.68	6.22
008	SBFD8	7051109	05/15/2013	22:54:33	1P7127B	2.68	6.22
009	S8410	7051110	05/15/2013	23:05:58	1P7127B	2.68	6.22
010	S8414	7051112	05/15/2013	23:17:22	1P7127B	2.68	6.22
011	S8508	7051114	05/15/2013	23:28:47	1P7127B	2.68	6.22
012	S8510	7051115	05/15/2013	23:40:15	1P7127B	2.68	6.22
013	S8512	7051116	05/15/2013	23:51:47	1P7127B	2.68	6.22
014	1339B	7052500	05/16/2013	00:03:01	1P7127B	2.68	6.22
015	PBLK19134	BLANKA	05/16/2013	00:14:13	1P7127B	2.68	6.22
016	LCS19134	LCSA	05/16/2013	00:25:31	1P7127B	2.68	6.22
017	AR163ZO	AR1631324B	05/16/2013	00:36:46	1P7127B	2.68	6.22
018	PIBLKFQ	IBLKX1324D	05/16/2013	00:48:14	1P7127B	2.68	6.22
019	S8606	7051118	05/16/2013	00:59:31	1P7127B	2.68	6.22
020	S8608	7051119	05/16/2013	01:10:53	1P7127B	2.68	6.22
021	S8612	7051120	05/16/2013	01:22:21	1P7127B	2.68	6.22
022	S8614	7051121	05/16/2013	01:33:46	1P7127B	2.68	6.22
023	S8706	7051122	05/16/2013	01:45:12	1P7127B	2.68	6.22
024	S8708	7051123	05/16/2013	01:56:37	1P7127B	2.68	6.22
025	S8710	7051124	05/16/2013	02:08:05	1P7127B	2.68	6.22
026	S8712	7051125	05/16/2013	02:19:32	1P7127B	2.68	6.22
027	S8714	7051126	05/16/2013	02:30:59	1P7127B	2.68	6.22
028	S8716	7051127	05/16/2013	02:42:16	1P7127B	2.68	6.22
029	AR163ZP	AR1631324B	05/16/2013	02:53:40	1P7127B	2.68	6.22
030	PIBLKFR	IBLKX1324D	05/16/2013	03:05:07	1P7127B	2.68	6.22
031	S8718	7051128	05/16/2013	03:16:25	1P7127B	2.68	6.22
032	S8806	7051129	05/16/2013	03:27:40	1P7127B	2.68	6.22
033	S8808	7051130	05/16/2013	03:39:05	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.24 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: CP7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	S8810	7051131	05/16/2013	03:50:30	1P7127B	2.68	6.22
035	S8812	7051132	05/16/2013	04:01:46	1P7127B	2.68	6.22
036	S8906	7051133	05/16/2013	04:13:01	1P7127B	2.68	6.22
037	S8906	7051134	05/16/2013	04:24:30	1P7127B	2.68	6.22
038	S8906	7051135	05/16/2013	04:35:44	1P7127B	2.68	6.22
039	SBFD9	7051136	05/16/2013	04:47:08	1P7127B	2.68	6.22
040	S8908	7051137	05/16/2013	04:58:31	1P7127B	2.68	6.22
041	AR163ZQ	AR1631324B	05/16/2013	05:09:49	1P7127B	2.68	6.22
042	PIBLKFS	IBLKX1324D	05/16/2013	05:21:16	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.24 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: HP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	05/21/2013	06:24:27	1P7127	2.83	6.47
002		CONDITIONER	05/21/2013	06:35:48	1P7127	2.82	6.46
003		CONDITIONER	05/21/2013	06:47:01	1P7127	2.82	6.45
004		CONDITIONER	05/21/2013	06:58:28	1P7127	2.82	6.45
005	AR163BI	AR1631324B	05/21/2013	07:09:55	1P7127	2.82	6.45
006	PIBLKHM	IBLKX1324D	05/21/2013	07:21:19	1P7127	2.81	6.45
007	PBLK26137	BLANKA	05/21/2013	07:32:37	1P7127	2.82	6.45
008	LCS26137	LCSA	05/21/2013	07:43:52	1P7127	2.81	6.45
009	AR163BJ	AR1631324B	05/21/2013	07:55:16	1P7127	2.82	6.45
010	PIBLKHN	IBLKX1324D	05/21/2013	08:06:43	1P7127	2.82	6.45
011	00520	7059838	05/21/2013	08:18:06	1P7127	2.81	6.45
012	01020	7059839	05/21/2013	08:29:31	1P7127	2.81	6.46
013	00521	7059840	05/21/2013	08:40:52	1P7127	2.81	6.45
014	01021	7059841	05/21/2013	08:52:18	1P7127	2.82	6.45
015	02021	7059842	05/21/2013	09:03:33	1P7127	2.82	6.45
016	02021	7059843	05/21/2013	09:14:55	1P7127	2.82	6.45
017	02021	7059844	05/21/2013	09:26:21	1P7127	2.82	6.45
018	01030	7059845	05/21/2013	09:37:48	1P7127	2.81	6.45
019	00531	7059846	05/21/2013	09:49:18	1P7127	2.82	6.45
020	01031	7059847	05/21/2013	10:00:33	1P7127	2.81	6.45
021	AR163BK	AR1631324B	05/21/2013	10:11:48	1P7127	2.81	6.45
022	PIBLKHO	IBLKX1324D	05/21/2013	10:23:09	1P7127	2.82	6.45
023	02031	7059848	05/21/2013	10:34:27	1P7127	2.81	6.45
024	00532	7059849	05/21/2013	10:45:55	1P7127	2.82	6.45
025	01032	7059850	05/21/2013	10:57:26	1P7127	2.82	6.45
026	00533	7059851	05/21/2013	11:08:51	1P7127	2.82	6.45
027	01033	7059852	05/21/2013	11:20:20	1P7127	2.82	6.45
028	00534	7059853	05/21/2013	11:31:35	1P7127	2.81	6.45
029	01034	7059854	05/21/2013	11:43:01	1P7127	2.82	6.45
030	02034	7059855	05/21/2013	11:54:25	1P7127	2.82	6.45
031	004FD	7059856	05/21/2013	12:05:45	1P7127	2.82	6.45
032	002FD	7059857	05/21/2013	12:17:13	1P7127	2.82	6.45
033	AR163BL	AR1631324B	05/21/2013	12:28:39	1P7127	2.82	6.45

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: HP7127 Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR1 ID: 0.32

Instrument: 19843A

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	PIBLKHP	IBLKX1324D	05/21/2013	12:39:55	1P7127	2.81	6.45
035	PBLK05140	BLANKA	05/21/2013	12:51:19	1P7127	2.82	6.45
036	LCS05140	LCSA	05/21/2013	13:02:46	1P7127	2.82	6.45
037	S8316	7051104	05/21/2013	13:14:12	1P7127	2.82	6.45
038	WSTE-	7057656	05/21/2013	13:25:25	1P7127	2.81	6.45
039	WSTE-MS	7057656	05/21/2013	13:36:41	1P7127	2.81	6.45
040	WSTE-MSD	7057656	05/21/2013	13:48:08	1P7127	2.82	6.45
041	AR163BM	AR1631324B	05/21/2013	13:59:35	1P7127	2.82	6.45
042	PIBLKHQ	IBLKX1324D	05/21/2013	14:10:52	1P7127	2.81	6.45
043	PBLK07140	BLANKA	05/21/2013	14:22:20	1P7127	2.82	6.45
044	LCS07140	LCSA	05/21/2013	14:33:48	1P7127	2.82	6.45
045	LCSD07140	LCSDA	05/21/2013	14:45:06	1P7127	2.82	6.45
046	S0669	7057582	05/21/2013	14:56:21	1P7127	2.82	6.45
047	KINGS	7061669	05/21/2013	15:07:39	1P7127	2.81	6.45
048	AR163BN	AR1631324B	05/21/2013	15:19:08	1P7127	2.82	6.45
049	PIBLKHR	IBLKX1324D	05/21/2013	15:30:43	1P7127	2.82	6.45
050	WC01-	7057668	05/21/2013	15:42:00	1P7127	2.82	6.45
051	DNJ01	7061544	05/21/2013	15:53:26	1P7127	2.82	6.45
052	DNJ02	7061545	05/21/2013	16:04:55	1P7127	2.82	6.45
053	DNJ03	7061546	05/21/2013	16:16:22	1P7127	2.82	6.45
054	DNJ04	7061547	05/21/2013	16:27:40	1P7127	2.82	6.45
055	DNJ05	7061548	05/21/2013	16:39:03	1P7127	2.82	6.45
056	DNJ06	7061549	05/21/2013	16:50:19	1P7127	2.82	6.45
057	DNJ07	7061550	05/21/2013	17:01:38	1P7127	2.81	6.45
058	DNJ08	7061551	05/21/2013	17:12:57	1P7127	2.82	6.45
059	AR163BO	AR1631324B	05/21/2013	17:24:23	1P7127	2.82	6.45
060	PIBLKHU	IBLKX1324D	05/21/2013	17:35:50	1P7127	2.82	6.45
061	00520	7059838	05/21/2013	17:47:13	1P7127	2.81	6.45
062	01021	7059841	05/21/2013	17:58:40	1P7127	2.82	6.45
063	01030	7059845	05/21/2013	18:10:10	1P7127	2.82	6.45
064	01031	7059847	05/21/2013	18:21:39	1P7127	2.82	6.45
065	AR163BP	AR1631324B	05/21/2013	18:33:19	1P7127	2.82	6.45
066	PIBLKHV	IBLKX1324D	05/21/2013	18:44:45	1P7127	2.82	6.45

	ICAL Dates		ICAL RT	QC Limits
1P7127	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.82	(2.80 - 2.84 Minutes)
		DCB = Decachlorobiphenyl	6.45	(6.43 - 6.47 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: HP7127B | Lab Name: Lancaster laboratories | Contract:

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

GC Column: ZB MR2 | ID: 0.32

Instrument: 19843B

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	05/21/2013	06:24:27	1P7127B	2.68	6.22
002		CONDITIONER	05/21/2013	06:35:48	1P7127B	2.68	6.23
003		CONDITIONER	05/21/2013	06:47:01	1P7127B	2.68	6.22
004		CONDITIONER	05/21/2013	06:58:28	1P7127B	2.68	6.22
005	AR163BI	AR1631324B	05/21/2013	07:09:55	1P7127B	2.68	6.22
006	PIBLKHM	IBLKX1324D	05/21/2013	07:21:19	1P7127B	2.68	6.22
007	PBLK26137	BLANKA	05/21/2013	07:32:37	1P7127B	2.68	6.22
008	LCS26137	LCSA	05/21/2013	07:43:52	1P7127B	2.68	6.22
009	AR163BJ	AR1631324B	05/21/2013	07:55:16	1P7127B	2.68	6.22
010	PIBLKHN	IBLKX1324D	05/21/2013	08:06:43	1P7127B	2.68	6.22
011	00520	7059838	05/21/2013	08:18:06	1P7127B	2.68	6.22
012	01020	7059839	05/21/2013	08:29:31	1P7127B	2.68	6.22
013	00521	7059840	05/21/2013	08:40:52	1P7127B	2.68	6.22
014	01021	7059841	05/21/2013	08:52:18	1P7127B	2.68	6.23
015	02021	7059842	05/21/2013	09:03:33	1P7127B	2.68	6.22
016	02021	7059843	05/21/2013	09:14:55	1P7127B	2.68	6.22
017	02021	7059844	05/21/2013	09:26:21	1P7127B	2.68	6.22
018	01030	7059845	05/21/2013	09:37:48	1P7127B	2.68	6.22
019	00531	7059846	05/21/2013	09:49:18	1P7127B	2.68	6.22
020	01031	7059847	05/21/2013	10:00:33	1P7127B	2.68	6.22
021	AR163BK	AR1631324B	05/21/2013	10:11:48	1P7127B	2.68	6.22
022	PIBLKHO	IBLKX1324D	05/21/2013	10:23:09	1P7127B	2.68	6.22
023	02031	7059848	05/21/2013	10:34:27	1P7127B	2.68	6.22
024	00532	7059849	05/21/2013	10:45:55	1P7127B	2.68	6.22
025	01032	7059850	05/21/2013	10:57:26	1P7127B	2.68	6.22
026	00533	7059851	05/21/2013	11:08:51	1P7127B	2.68	6.22
027	01033	7059852	05/21/2013	11:20:20	1P7127B	2.68	6.22
028	00534	7059853	05/21/2013	11:31:35	1P7127B	2.68	6.22
029	01034	7059854	05/21/2013	11:43:01	1P7127B	2.68	6.22
030	02034	7059855	05/21/2013	11:54:25	1P7127B	2.68	6.22
031	004FD	7059856	05/21/2013	12:05:45	1P7127B	2.68	6.22
032	002FD	7059857	05/21/2013	12:17:13	1P7127B	2.68	6.22
033	AR163BL	AR1631324B	05/21/2013	12:28:39	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.25 Minutes)

8D
ANALYTICAL SEQUENCE

Sequence: HP7127B Lab Name: Lancaster laboratories Contract:

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

GC Column: ZB MR2 ID: 0.32

Instrument: 19843B

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	PIBLKHP	IBLKX1324D	05/21/2013	12:39:55	1P7127B	2.68	6.22
035	PBLK05140	BLANKA	05/21/2013	12:51:19	1P7127B	2.68	6.22
036	LCS05140	LCSA	05/21/2013	13:02:46	1P7127B	2.68	6.22
037	S8316	7051104	05/21/2013	13:14:12	1P7127B	2.68	6.22
038	WSTE-	7057656	05/21/2013	13:25:25	1P7127B	2.68	6.22
039	WSTE-MS	7057656	05/21/2013	13:36:41	1P7127B	2.68	6.22
040	WSTE-MSD	7057656	05/21/2013	13:48:08	1P7127B	2.68	6.22
041	AR163BM	AR1631324B	05/21/2013	13:59:35	1P7127B	2.68	6.22
042	PIBLKHQ	IBLKX1324D	05/21/2013	14:10:52	1P7127B	2.68	6.22
043	PBLK07140	BLANKA	05/21/2013	14:22:20	1P7127B	2.68	6.22
044	LCS07140	LCSA	05/21/2013	14:33:48	1P7127B	2.68	6.22
045	LCSD07140	LCSDA	05/21/2013	14:45:06	1P7127B	2.68	6.22
046	S0669	7057582	05/21/2013	14:56:21	1P7127B	2.68	6.22
047	KINGS	7061669	05/21/2013	15:07:39	1P7127B	2.68	6.22
048	AR163BN	AR1631324B	05/21/2013	15:19:08	1P7127B	2.68	6.22
049	PIBLKHR	IBLKX1324D	05/21/2013	15:30:43	1P7127B	2.68	6.22
050	WC01-	7057668	05/21/2013	15:42:00	1P7127B	2.68	6.22
051	DNJ01	7061544	05/21/2013	15:53:26	1P7127B	2.68	6.22
052	DNJ02	7061545	05/21/2013	16:04:55	1P7127B	2.68	6.22
053	DNJ03	7061546	05/21/2013	16:16:22	1P7127B	2.68	6.22
054	DNJ04	7061547	05/21/2013	16:27:40	1P7127B	2.68	6.22
055	DNJ05	7061548	05/21/2013	16:39:03	1P7127B	2.68	6.22
056	DNJ06	7061549	05/21/2013	16:50:19	1P7127B	2.68	6.22
057	DNJ07	7061550	05/21/2013	17:01:38	1P7127B	2.68	6.22
058	DNJ08	7061551	05/21/2013	17:12:57	1P7127B	2.68	6.22
059	AR163BO	AR1631324B	05/21/2013	17:24:23	1P7127B	2.68	6.22
060	PIBLKHU	IBLKX1324D	05/21/2013	17:35:50	1P7127B	2.68	6.22
061	00520	7059838	05/21/2013	17:47:13	1P7127B	2.68	6.22
062	01021	7059841	05/21/2013	17:58:40	1P7127B	2.68	6.22
063	01030	7059845	05/21/2013	18:10:10	1P7127B	2.68	6.22
064	01031	7059847	05/21/2013	18:21:39	1P7127B	2.68	6.22
065	AR163BP	AR1631324B	05/21/2013	18:33:19	1P7127B	2.68	6.22
066	PIBLKHV	IBLKX1324D	05/21/2013	18:44:45	1P7127B	2.68	6.22

	ICAL Dates		ICAL RT	QC Limits
1P7127B	05/07/2013 - 05/07/2013	TCX = Tetrachloro-m-xylene	2.68	(2.66 - 2.70 Minutes)
		DCB = Decachlorobiphenyl	6.23	(6.21 - 6.25 Minutes)

Sample Data

Polychlorinated Biphenyls (PCBs)

eurofins | Lancaster Laboratories

LOQ/MDL Summary
Pesticide Residue Analysis

SDG: ASY17

Fraction: Polychlorinated Biphenyls (PCBs)

10736: PCBs (7 arochlors) in Solids Analyte Name	Default MDL	Default LOQ	Units
PCB-1016	3.6	17	ug/kg
PCB-1221	4.6	17	ug/kg
PCB-1232	8.0	17	ug/kg
PCB-1242	3.3	17	ug/kg
PCB-1248	3.3	17	ug/kg
PCB-1254	3.3	17	ug/kg
PCB-1260	4.9	17	ug/kg

Data Summary

Sample Name: 7051098 RI ACF S6514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 12:43:41
Instrument 19843A
Result file BP7127.023.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 95% (41 - 146) Conc: 9.61282
%SSR(DCB) 111% (39 - 151) Conc: 11.29723

Analysis Report (B)

Injected on May 15, 2013 12:43:41
Instrument 19843B
Result file BP7127B.023.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 97% (41 - 146) Conc: 9.795713
%SSR(DCB) 116% (39 - 151) Conc: 11.818406

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2314257	9.61282	Tetrachloro-m-xylene	2.66	2.68	2.70	2965484	9.795713
Decachlorobiphenyl	6.43	6.45	6.47	2267893	11.29723	Decachlorobiphenyl	6.21	6.22	6.24	1957230	11.818406

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☑ Tetrachloro-m-xylene	B	9.795713				1.88	
☑ Decachlorobiphenyl	B	11.818406				4.51	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑ Aroclor-1016			<17	<3.6			4	40	
☑ Aroclor-1221			<17	<4.6			3	40	
☑ Aroclor-1232			<17	<8			4	40	
☑ Aroclor-1242			<17	<3.3			4	40	
☑ Aroclor-1248			<17	<3.3			4	40	
☑ Aroclor-1254			<17	<3.3			4	40	
☑ Aroclor-1260			<17	<4.9			4	40	
☐ Aroclor-1262			<17	<3.3			4	40	
☐ Aroclor-1268			<17	<3.3			4	40	
☐ Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Soudors, Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomasin, Principal Scientist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051098** RI ACF S6514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:43:41
Instrument : CP 7--19843A
Result file : BP7127.023.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET
%SSR(TCX) : 95% (41-146) Conc.: 9.61282
%SSR(DCB) : 111% (39-151) Conc.: 11.29723

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					4	32.82	
3.55	3.56	3.59	2468.322266	0.480647			3
3.59	3.61	3.63	3155.125	0.483495			4
3.64	3.66	3.68	1315.115234	0.232502			5
3.83	3.85	3.87	1403.514282	0.318552			6
Height Summation:			8342.076782				
Amount Avg CF:			0.378799	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	4012.877441	2.5167			2
Height Summation:			4012.877441				
Amount Avg CF:			2.5167	Linear:			
Aroclor-1232					4	28.61	
3.55	3.56	3.59	2468.322266	0.993425			3
3.59	3.61	3.63	3155.125	0.959439			4
3.64	3.66	3.68	1315.115234	0.504302			5
3.83	3.85	3.87	1403.514282	0.726722			6
Height Summation:			8342.076782				
Amount Avg CF:			0.795972	Linear:			
Aroclor-1242					4	29.43	
3.55	3.56	3.59	2468.322266	0.572855			3
3.59	3.61	3.63	3155.125	0.585819			4
3.64	3.66	3.68	1315.115234	0.30509			5
3.83	3.85	3.87	1403.514282	0.397974			6
Height Summation:			8342.076782				
Amount Avg CF:			0.465435	Linear:			
Aroclor-1248					6	79.73	
3.71	3.73	3.75	1937.201904	0.329932			1
3.83	3.85	3.87	1403.514282	0.203493			2
3.92	3.95	3.96	4377.80127	0.746353			3
4.09	4.13	4.13	2603.942383	0.384824			4
4.22	4.24	4.26	10300.380859	1.807741			5
4.47	4.49	4.51	6304.946777	1.248255			6
Height Summation:			26927.787475				
Amount Avg CF:			0.786766	Linear:			
Aroclor-1254					6	96.24	
4.22	4.24	4.26	10300.380859	0.955545			1
4.41	4.44	4.45	5154.48584	0.658639			2
4.47	4.49	4.51	6304.946777	0.401986			3
4.68	4.70	4.72	4918.441406	0.461106			4
4.87	4.89	4.91	16452.259766	1.919805			5
4.99	5.01	5.03	42337.019531	3.798365			6
Height Summation:			85467.534179				
Amount Avg CF:			1.365908	Linear:			
Aroclor-1260					6	8.16	
4.59	4.61	4.63	26894.580078	2.427527			1
4.79	4.81	4.82	38062.605469	2.904758			2
4.99	5.01	5.03	42337.019531	2.961579			3
5.22	5.24	5.26	23170.888672	2.472143			4
5.46	5.48	5.50	65655.78125	2.702799			5
5.67	5.68	5.71	40499.210938	2.79507			6
Height Summation:			236620.085938				
Amount Avg CF:			2.710646	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:43:41
Instrument : CP 7--19843B
Result file : BP7127B.023.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET
%SSR(TCX) : 97% (41-146) Conc.: 9.795713
%SSR(DCB) : 116% (39-151) Conc.: 11.818406

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					5	23.00	
2.95	2.98	2.99	2869.091309	0.529958			1
3.44	3.45	3.48	3647.727051	0.565623			3
3.47	3.49	3.51	2461.162842	0.369249			4
3.55	3.56	3.59	2158.830078	0.322168			5
3.60	3.62	3.64	2414.112549	0.482019			6
Height Summation:			13550.923829				
Amount Avg CF:			0.453803	Linear:			
Aroclor-1221					2	100.32	
2.90	2.90	2.94	5020.129883	2.312444			2
2.95	2.98	2.99	2869.091309	0.393126			3
Height Summation:			7889.221192				
Amount Avg CF:			1.352785	Linear:			
Aroclor-1232					5	41.75	
2.95	2.98	2.99	2869.091309	0.441448			1
3.44	3.45	3.48	3647.727051	1.287303			3
3.47	3.49	3.51	2461.162842	0.717131			4
3.55	3.56	3.59	2158.830078	0.674699			5
3.60	3.62	3.64	2414.112549	1.181998			6
Height Summation:			13550.923829				
Amount Avg CF:			0.860516	Linear:			
Aroclor-1242					5	24.57	
2.95	2.98	2.99	2869.091309	0.628969			1
3.44	3.45	3.48	3647.727051	0.715398			3
3.47	3.49	3.51	2461.162842	0.441139			4
3.55	3.56	3.59	2158.830078	0.394391			5
3.60	3.62	3.64	2414.112549	0.640548			6
Height Summation:			13550.923829				
Amount Avg CF:			0.564089	Linear:			
Aroclor-1248					6	52.37	
3.58	3.60	3.62	2394.419678	0.351019			1
+ 3.71	3.72	3.75	2499.022217	0.293162			2
3.71	3.75	3.75	3172.693359	0.372191			2
3.81	3.82	3.85	3020.831055	0.517337			3
3.94	3.96	3.98	6113.762207	0.532817			4
4.08	4.09	4.12	3278.933594	0.628145			5
+ 4.31	4.33	4.35	3837.87207	0.719734			6
4.31	4.34	4.35	6444.802734	1.208624			6
Height Summation:			24425.442627				
Amount Avg CF:			0.601689	Linear:			
Aroclor-1254					6	116.00	
4.04	4.06	4.08	10376.661133	0.95034			1
4.25	4.27	4.29	4052.878662	0.454735			2
+ 4.31	4.33	4.35	3837.87207	0.250527			3
4.31	4.34	4.35	6444.802734	0.420702			3
4.48	4.49	4.52	3959.013184	0.39803			4
4.70	4.72	4.74	4449.203125	0.600357			5
4.78	4.80	4.82	39421.5	3.533009			6
Height Summation:			68704.058838				
Amount Avg CF:			1.059529	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051098** RI ACF S6514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:43:41
Instrument : CP 7--19843A
Result file : BP7127.023.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**21.51**	
5.06	5.08	5.10	21630.957031	1.571172			1
5.22	5.24	5.26	23170.888672	1.909839			2
5.46	5.48	5.50	65655.78125	2.297182			3
5.66	5.68	5.70	40499.210938	2.198046			4
5.72	5.73	5.76	10417.430664	1.234263			5
6.09	6.11	6.13	18002.896484	1.819765			6
Height Summation:			**179377.165039**				
Amount Avg CF:			**1.838378**	Linear:			
Aroclor-1268					**6**	**99.35**	
5.66	5.68	5.70	40499.210938	1.185959			1
5.72	5.73	5.76	10417.430664	0.372667			2
5.85	5.87	5.89	27284.691406	1.06393			3
5.92	5.94	5.95	30372.851563	4.349564			4
6.09	6.11	6.13	18002.896484	1.765595			5
6.29	6.31	6.33	24049.8125	0.298672			6
Height Summation:			**150626.893555**				
Amount Avg CF:			**1.506065**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:43:41
Instrument : CP 7--19843B
Result file : BP7127B.023.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**11.85**	
4.55	4.56	4.59	41707	3.276503			1
4.65	4.67	4.69	30628.689453	2.60706			2
4.78	4.80	4.82	39421.5	3.502201			3
5.01	5.03	5.05	26329.40625	2.624735			4
5.20	5.22	5.24	63331.453125	2.950852			5
5.47	5.49	5.51	45071.265625	3.103176			6
Height Summation:			**246489.314453**				
Amount Avg CF:			**3.010755**	Linear:			
Aroclor-1262					**6**	**25.59**	
4.82	4.83	4.86	20417.744141	1.570197			1
5.01	5.03	5.05	26329.40625	1.952696			2
5.21	5.22	5.24	63331.453125	2.410601			3
5.42	5.44	5.46	12184.445313	1.18845			4
5.47	5.49	5.51	45071.265625	2.47338			5
5.85	5.86	5.89	17575.244141	1.918753			6
Height Summation:			**184909.558595**				
Amount Avg CF:			**1.919013**	Linear:			
Aroclor-1268					**6**	**96.26**	
5.42	5.44	5.46	12184.445313	0.409839			1
5.47	5.49	5.51	45071.265625	1.536303			2
5.62	5.64	5.66	25524.523438	1.06737			3
5.69	5.71	5.73	27780.449219	4.564157			4
5.85	5.86	5.89	17575.244141	1.78438			5
6.05	6.06	6.09	22927.273438	0.33919			6
Height Summation:			**151063.201174**				
Amount Avg CF:			**1.616873**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		18.02	4	40	
Aroclor-1221			17	4.6		** 60.16	3	40	
Aroclor-1232			17	8		7.79	4	40	
Aroclor-1242			17	3.3		19.16	4	40	
Aroclor-1248			17	3.3		26.66	4	40	
Aroclor-1254			17	3.3		25.26	4	40	
Aroclor-1260			17	4.9		10.49	4	40	
Aroclor-1262			17	3.3		4.29	4	40	
Aroclor-1268			17	3.3		7.10	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051098 RI ACF ABS6514 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 12:43:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.023.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.556		1072	940
1.706		1303	1495
1.863		2417	4160
1.937		2661	3417
1.991		4855	10747
2.027		7111	9513
2.092		2787	2441
2.114		4182	4927
2.214		19469	16571
2.459		3249	4383
2.542		1548	1019
2.815	TCX	2314257	1461517
2.947		2115	1716
3.013		4013	3234
3.124		11157	11094
3.233		1201	1262
3.279		1958	2739
3.467		3813	3222
3.501		1017	976
3.561		2468	3953
3.607		3155	2871
3.664		1315	1895
3.728		1937	1566
3.755		1943	1675
3.85		1404	969
3.873		1458	1159
3.949		4378	5346
4.057		828	733
4.091		5156	3598
4.132		2604	3289
4.199		2724	5071
4.241		10300	10615
4.274		2112	1401
4.332		7054	6288
4.375		2085	2084
4.444		5154	7030
4.488		6305	4573
4.534		9161	12135
4.608		26895	24652
4.697		4918	5580
4.751		2487	1526
4.805		38063	45380
4.852		6727	5806
4.894		16452	21352
4.964		5600	7726
5.009		42337	40281
5.075		21631	23472
5.119		14556	15899
5.215		2683	1900
5.239		23171	20826
5.297		13585	12935
5.337		5810	4638
5.378		2924	2868

RT A	Compound A	Height A	Area A
5.423		8771	8578
5.48		65656	76862
5.647		5361	5590
5.685		40499	38864
5.728		10417	22210
5.835		1259	1212
5.871		27285	27168
5.936		30373	40172
6.008		10787	11953
6.076		1385	1555
6.111		18003	16386
6.186		1429	2417
6.309		24050	23119
6.365		74442	83935
6.451	DCB	2267893	2264596
6.534		2558	2924
6.749		2180	2421
6.89		2075	2373
7.532		3335	4552
8.362		1925	3153

LANCASTER LABORATORIES

Sample Number: 7051098 RI ACF ABS6514 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 12:43:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.023.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.691		1906	1604
1.843		2665	2701
1.924		5924	4374
1.97		24286	20086
2.008		4036	3079
2.054		3289	5275
2.11		4594	3339
2.209		5011	3554
2.267		3244	2253
2.382		1817	2130
2.426		3290	3067
2.68	TCX	2965484	1849986
2.802		4740	3749
2.9		5020	4535
2.979		2869	1283
2.992		13146	6651
3.017		3088	2057
3.104		785	632
3.247		3620	3270
3.398		4459	2904
3.445		3648	3606
3.49		2461	2546
3.564		2159	1441
3.597		2394	1945
3.621		2414	1850
3.724		2499	2491
3.749		3173	1831
3.774		1443	1044
3.822		3021	2136
3.899		1344	1400
3.957		6114	4195
4.022		2280	1428
4.059		10377	7738
4.092		3279	2428
4.165		2571	2503
4.212		12929	10678
4.269		4053	3321
4.33		3838	2104
4.342		6445	3698
4.368		4533	4555
4.423		30865	26399
4.494		3959	2616
4.519		9944	7064
4.563		41707	36680
4.67		30629	33919
4.725		4449	4538
4.764		8818	8444
4.801		39422	34768
4.833		20418	15407
4.873		13266	10320
4.946		2841	2881
4.976		4258	5111
5.029		26329	22403
5.104		15875	15044

5.139		7167	5394
5.168		5934	6525
5.222		63331	61052
5.262		1814	1869
5.298		11539	9375
5.328		1747	2130
5.405		3675	4001
5.439		12184	10418
5.485		45071	48692
5.64		25525	22400
5.708		27780	28008
5.761		13131	13939
5.837		1390	993
5.863		17575	14902
6.063		22927	19766
6.125		56353	56148
6.223	DCB	1957230	1767890
6.295		2537	2215
6.488		1753	1384
6.64		2077	1924
7.146		2559	3008

7051098 RI ACF ABS6514 T 131340008A 10736 SW-846 8082

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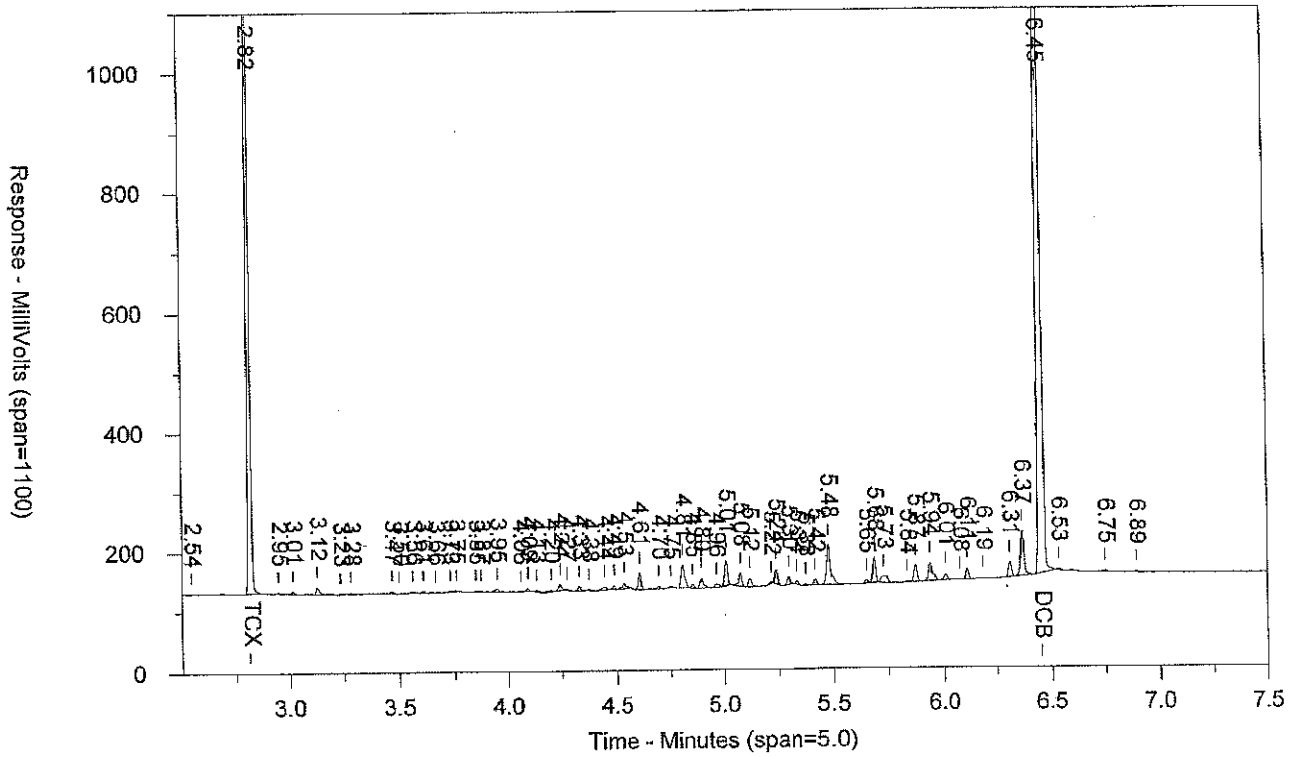

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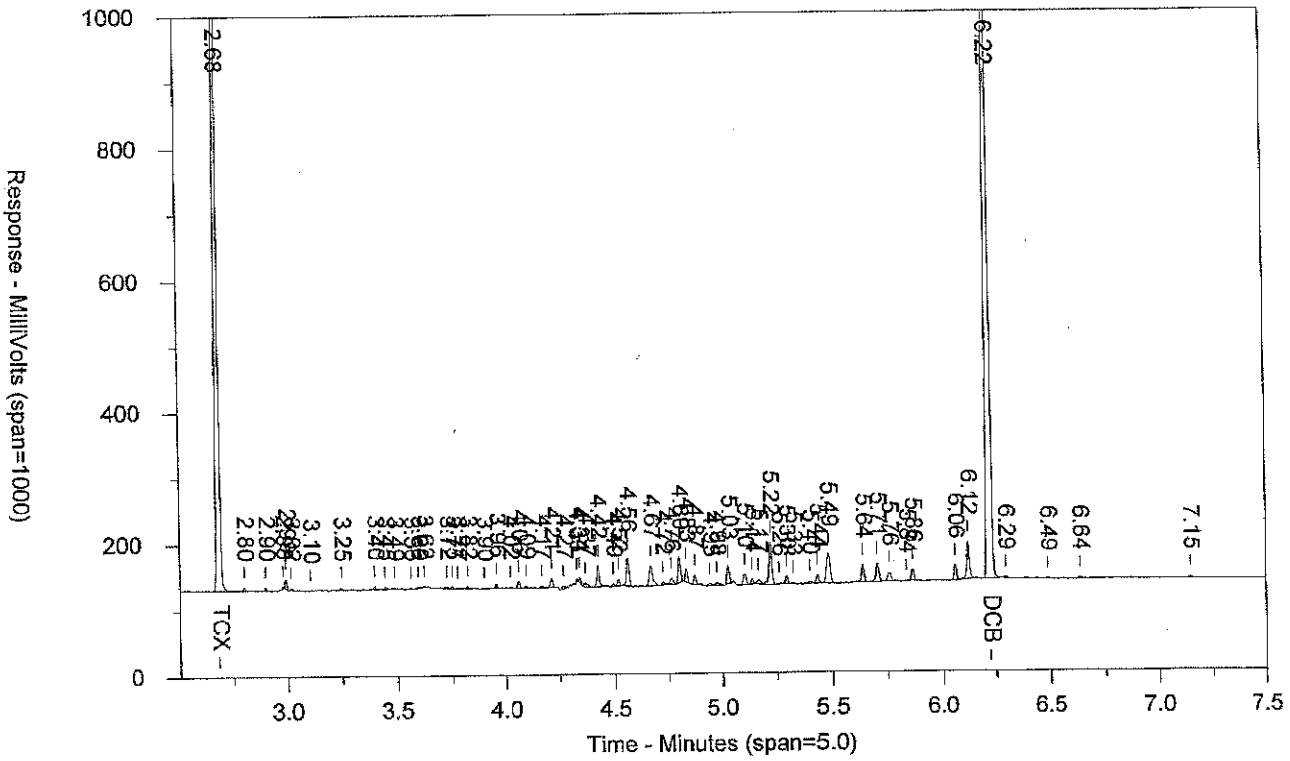

LANCASTER LABORATORIES

Sample Number: 7051098 RI ACF ABS6514 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 12:43:41 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2314257	9.613	TCX	2.68	2965484	9.796	TCX
6.451	2267893	11.297	DCB	6.223	1957230	11.818	DCB

Files:
Area File: BP7127.023.RAW
Area File: BP7127B.023.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 12:52:24 PM
File Reported On: 5/15/2013 at 12:52:27 PM

7051098 RI ACF ABS6514 T 131340008A 10736 SW-846 8082

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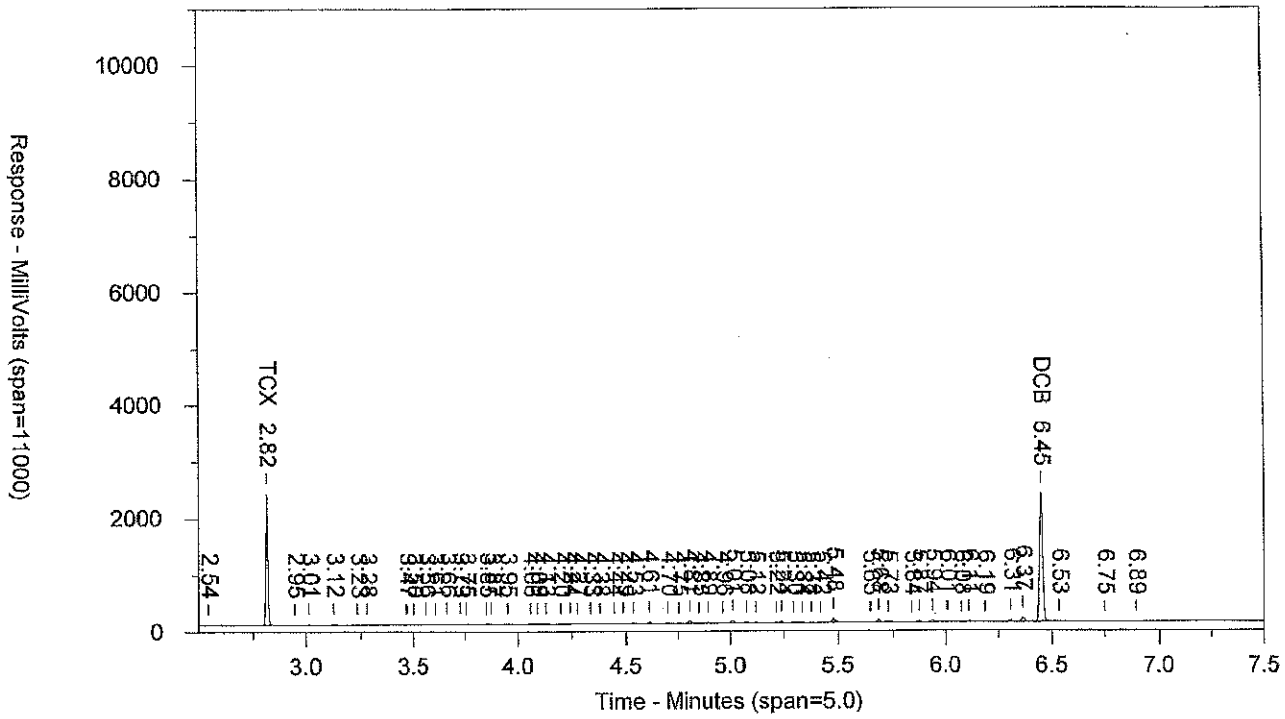

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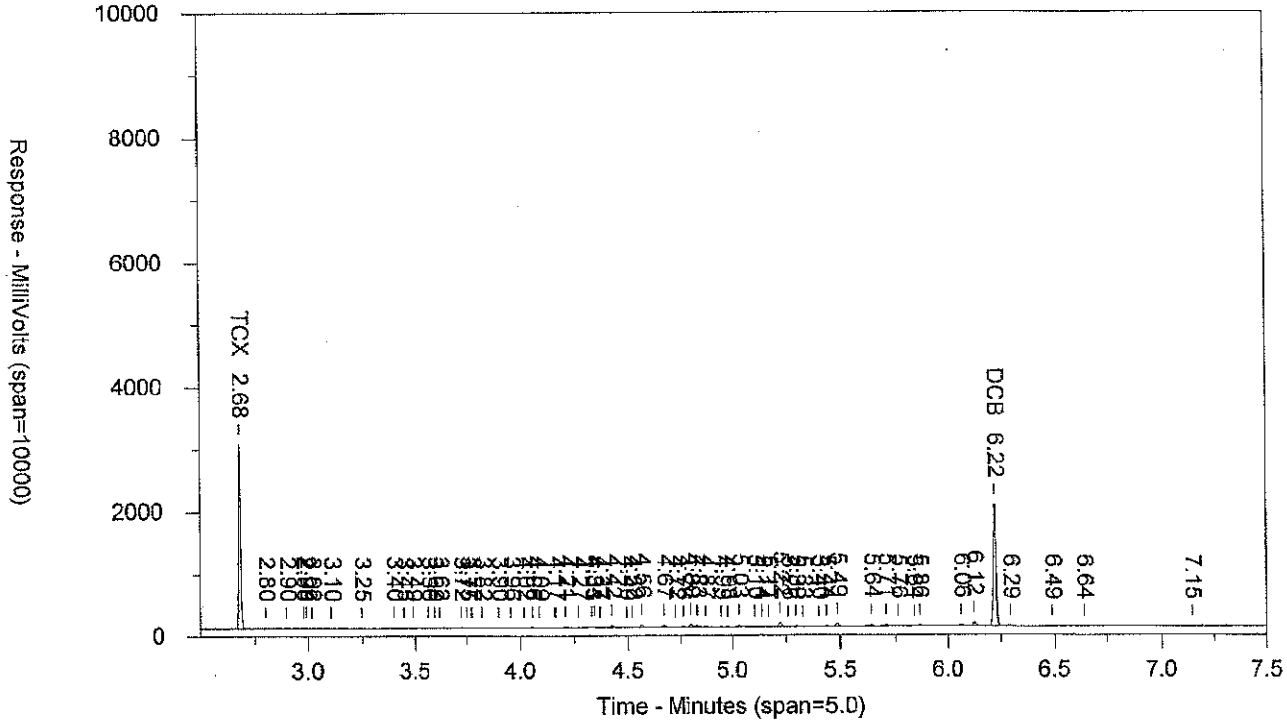


Data Summary

Sample Name: 7051099 RI ACF S8306 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 12:55:04
Instrument 19843A
Result file BP7127.024.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 106% (41 - 146) Conc: 10.704265
%SSR(DCB) 114% (39 - 151) Conc: 11.545162

Analysis Report (B)

Injected on May 15, 2013 12:55:04
Instrument 19843B
Result file BP7127B.024.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 108% (41 - 146) Conc: 10.839095
%SSR(DCB) 124% (39 - 151) Conc: 12.548606

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2577019	10.704265	Tetrachloro-m-xylene	2.66	2.68	2.70	3281350	10.839095
Decachlorobiphenyl	6.43	6.45	6.47	2317665	11.545162	Decachlorobiphenyl	6.21	6.22	6.24	2078158	12.548606

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	10.839095				1.25	
✓ Decachlorobiphenyl	B	12.548606				8.33	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260			<17	<4.9			4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders, Chemist
Date: MAY 16 2013

Verified by: Valeria L. Tomayko, Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051099** RI ACF S8306 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:55:04
Instrument : CP 7--19843A
Result file : BP7127.024.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 106% (41-146) Conc.: 10.704265
%SSR(DCB) : 114% (39-151) Conc.: 11.545162

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.59	3.61	3.63	1772.743042	0.271657			4
Height Summation:			**1772.743042**				
Amount Avg CF:			**0.271657**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3742.262695	2.346982			2
Height Summation:			**3742.262695**				
Amount Avg CF:			**2.346982**	Linear:			
Aroclor-1232					1		
3.59	3.61	3.63	1772.743042	0.539072			4
Height Summation:			**1772.743042**				
Amount Avg CF:			**0.539072**	Linear:			
Aroclor-1242					1		
3.59	3.61	3.63	1772.743042	0.329149			4
Height Summation:			**1772.743042**				
Amount Avg CF:			**0.329149**	Linear:			
Aroclor-1248					4	67.08	
3.71	3.73	3.75	1787.694336	0.304469			1
3.92	3.95	3.96	20861.205078	3.556538			3
4.22	4.24	4.26	10008.742188	1.756558			5
4.47	4.49	4.51	13277.461914	2.628676			6
Height Summation:			**45935.103516**				
Amount Avg CF:			**2.06156**	Linear:			
Aroclor-1254					6	86.81	
4.22	4.24	4.26	10008.742188	0.92849			1
4.41	4.43	4.45	3695.235596	0.472176			2
4.47	4.49	4.51	13277.461914	0.846534			3
4.68	4.70	4.72	13240.513672	1.241305			4
4.87	4.89	4.91	23933.777344	2.792819			5
4.99	5.01	5.03	50668.828125	4.545873			6
Height Summation:			**114824.558839**				
Amount Avg CF:			**1.804533**	Linear:			
Aroclor-1260					6	15.26	
4.59	4.61	4.63	25945.275391	2.341842			1
4.79	4.80	4.82	40520.417969	3.092327			2
4.99	5.01	5.03	50668.828125	3.54441			3
5.22	5.24	5.26	23442.869141	2.501161			4
5.46	5.48	5.50	71589.765625	2.947078			5
5.67	5.68	5.71	46305.449219	3.19579			6
Height Summation:			**258472.605470**				
Amount Avg CF:			**2.937101**	Linear:			
Aroclor-1262					6	24.15	
5.06	5.07	5.10	22070.923828	1.603129			1
5.22	5.24	5.26	23442.869141	1.932257			2
5.46	5.48	5.50	71589.765625	2.504801			3
5.66	5.68	5.70	46305.449219	2.513172			4
5.72	5.73	5.76	11091.660156	1.314147			5
6.09	6.11	6.13	20705.230469	2.092921			6
Height Summation:			**195205.898438**				
Amount Avg CF:			**1.993405**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:55:04
Instrument : CP 7--19843B
Result file : BP7127B.024.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 108% (41-146) Conc.: 10.839095
%SSR(DCB) : 124% (39-151) Conc.: 12.548606

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	42.64	
3.47	3.49	3.51	1423.305908	0.213539			4
3.60	3.62	3.64	1992.737549	0.397884			6
Height Summation:			**3416.043457**				
Amount Avg CF:			**0.305712**	Linear:			
Aroclor-1221					1		
2.90	2.90	2.94	4541.970215	2.092187			2
Height Summation:			**4541.970215**				
Amount Avg CF:			**2.092187**	Linear:			
Aroclor-1232					2	57.06	
3.47	3.49	3.51	1423.305908	0.414722			4
3.60	3.62	3.64	1992.737549	0.975684			6
Height Summation:			**3416.043457**				
Amount Avg CF:			**0.695203**	Linear:			
Aroclor-1242					2	49.37	
3.47	3.49	3.51	1423.305908	0.255113			4
3.60	3.62	3.64	1992.737549	0.528742			6
Height Summation:			**3416.043457**				
Amount Avg CF:			**0.391928**	Linear:			
Aroclor-1248					5	88.82	
3.58	3.60	3.62	2005.744141	0.29404			1
+ 3.58	3.62	3.62	1992.737549	0.292133			1
+ 3.71	3.72	3.75	1788.820923	0.209848			2
3.71	3.75	3.75	21473.138672	2.519032			2
3.94	3.96	3.98	5886.419434	0.513004			4
4.08	4.09	4.12	5337.86377	1.022574			5
4.31	4.33	4.35	18956.90625	3.555079			6
Height Summation:			**53660.072267**				
Amount Avg CF:			**1.580746**	Linear:			
Aroclor-1254					6	76.37	
4.04	4.06	4.08	10203.969727	0.934524			1
4.25	4.27	4.29	6120.205566	0.686691			2
4.31	4.33	4.35	18956.90625	1.237462			3
4.48	4.49	4.52	14171.931641	1.424813			4
4.70	4.72	4.74	14151.15918	1.909498			5
4.78	4.80	4.82	48715.125	4.365916			6
Height Summation:			**112319.297364**				
Amount Avg CF:			**1.759817**	Linear:			
Aroclor-1260					6	16.82	
4.55	4.56	4.59	44155.996094	3.468897			1
4.65	4.67	4.69	33010.75	2.809817			2
4.78	4.80	4.82	48715.125	4.327846			3
5.01	5.03	5.05	28215.548828	2.812761			4
5.20	5.22	5.24	70402.429688	3.280316			5
5.47	5.48	5.51	52672.039063	3.626493			6
Height Summation:			**277171.888673**				
Amount Avg CF:			**3.387688**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051099** RI ACF S8306 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:55:04
Instrument : CP 7--19843A
Result file : BP7127.024.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**106.02**	
5.66	5.68	5.70	46305.449219	1.355986			1
5.72	5.73	5.76	11091.660156	0.396786			2
5.85	5.87	5.89	30971.052734	1.207675			3
5.92	5.93	5.95	38230.472656	5.474819			4
6.09	6.11	6.13	20705.230469	2.03062			5
6.29	6.31	6.33	27068.537109	0.336161			6

Height Summation: **174372.402343**
Amount Avg CF: **1.800341** Linear:

Analysis Report (B)

Injected on : MAY 15, 2013 12:55:04
Instrument : CP 7--19843B
Result file : BP7127B.024.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**28.56**	
4.82	4.83	4.86	19798.380859	1.522565			1
5.01	5.03	5.05	28215.548828	2.09258			2
5.21	5.22	5.24	70402.429688	2.679745			3
5.42	5.44	5.46	13972.154297	1.362821			4
5.47	5.48	5.51	52672.039063	2.890488			5
5.85	5.86	5.89	20360.796875	2.222862			6

Height Summation: **205421.349610**
Amount Avg CF: **2.12851** Linear:

Aroclor-1268					**6**	**100.15**	
5.42	5.44	5.46	13972.154297	0.469971			1
5.47	5.48	5.51	52672.039063	1.795384			2
5.62	5.64	5.66	32302.191406	1.350795			3
5.69	5.71	5.73	34868.140625	5.728621			4
5.85	5.86	5.89	20360.796875	2.067192			5
6.05	6.06	6.09	25262.074219	0.373731			6

Height Summation: **179437.396485**
Amount Avg CF: **1.964282** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		11.80	4	40	
Aroclor-1221			17	4.6		11.48	3	40	
Aroclor-1232			17	8		25.30	4	40	
Aroclor-1242			17	3.3		17.41	4	40	
Aroclor-1248			17	3.3		26.40	4	40	
Aroclor-1254			17	3.3		2.51	4	40	
Aroclor-1260			17	4.9		14.25	4	40	
Aroclor-1262			17	3.3		6.56	4	40	
Aroclor-1268			17	3.3		8.71	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051099 RI ACF ABS8306 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 12:55:04 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.024.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.571		1705	3024
1.704		1643	1946
1.732		2057	1768
1.864		2039	2031
1.936		5831	4915
1.989		4224	8726
2.028		12078	16392
2.115		3635	2611
2.177		1178	735
2.214		17356	14579
2.272		1457	2610
2.458		3287	4056
2.541		2608	1602
2.816	TCX	2577019	1645303
2.93		1443	1961
3.013		3742	2169
3.123		36763	27061
3.47		1291	1070
3.607		1773	1965
3.725		1788	1397
3.949		20861	17252
4.09		2951	2004
4.134		2887	3025
4.2		2554	5141
4.241		10009	10194
4.274		3702	2757
4.377		2700	2811
4.428		3695	4653
4.487		13277	10577
4.533		8919	12021
4.569		2974	2016
4.608		25945	24061
4.695		13241	13211
4.728		1121	706
4.753		4501	6089
4.804		40520	47490
4.85		6470	5831
4.893		23934	24391
4.936		1315	952
4.967		6532	8456
5.009		50669	48165
5.075		22071	21358
5.117		15526	16847
5.217		3959	3021
5.238		23443	19373
5.296		14682	14111
5.336		7788	6921
5.377		3232	3345
5.422		12032	11823
5.479		71590	86525
5.65		4452	4347
5.684		46305	43876
5.729		11092	20471

RT A	Compound A	Height A	Area A
5.78		1281	1466
5.834		2179	2073
5.871		30971	31117
5.935		38230	49082
6.008		10577	12706
6.073		1419	2855
6.111		20705	19512
6.161		1427	1468
6.228		3536	5279
6.308		27069	25180
6.365		75058	83134
6.451	DCB	2317665	2432779
6.533		3812	5725
6.747		16286	17216
6.888		13518	14043
7.534		59131	88771
8.364		2520	5423

LANCASTER LABORATORIES

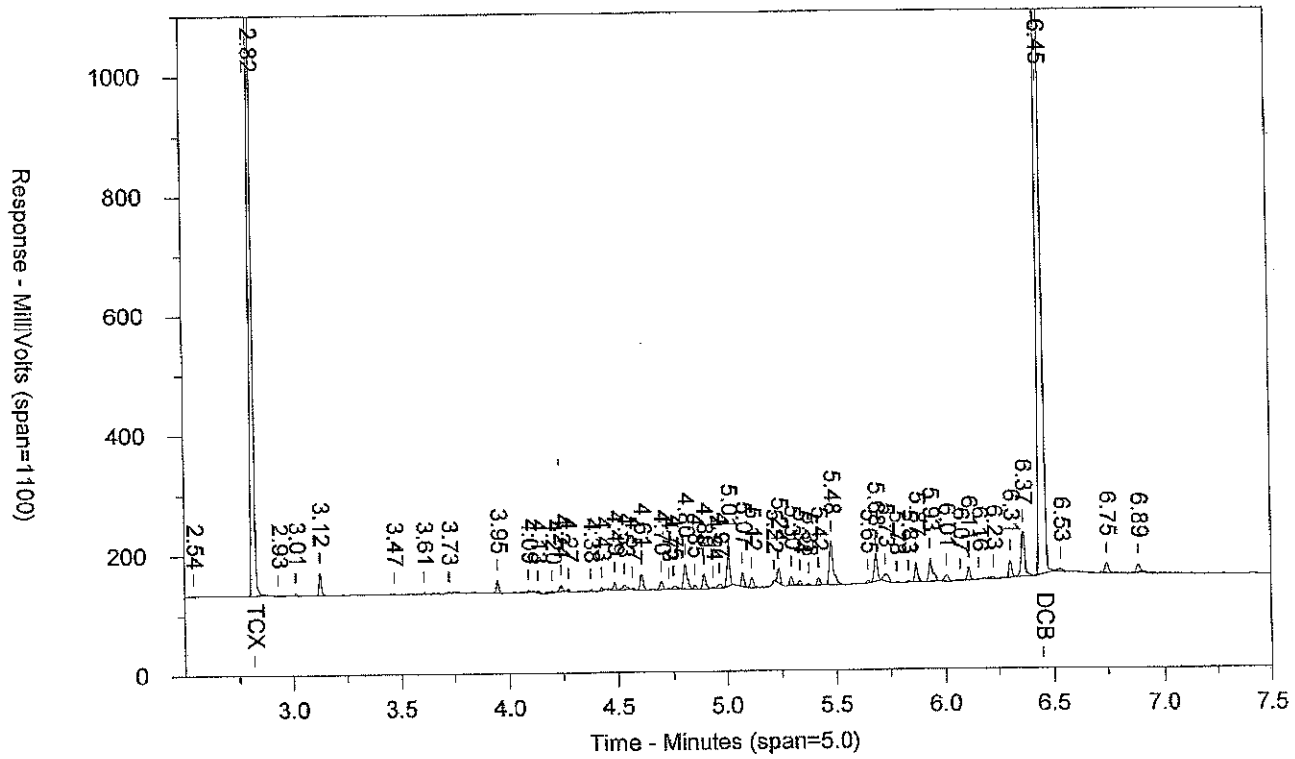
Sample Number: 7051099 RI ACF ABS8306 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 12:55:04 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.024.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.589		1301	1629
1.691		2456	1803
1.844		8186	7112
1.924		13509	10316
1.97		22462	19355
2.007		2570	2279
2.055		2911	3517
2.11		5064	3742
2.168		1740	1202
2.209		3859	3651
2.267		3298	2335
2.426		4674	3561
2.68	TCX	3281350	2077820
2.803		6119	4607
2.901		4542	2597
2.992		52689	34017
3.016		2569	1484
3.18		905	1446
3.247		2134	1612
3.489		1423	1447
3.596		2006	1786
3.619		1993	1302
3.724		1789	1429
3.749		21473	14041
3.902		1329	1256
3.957		5886	4083
3.983		1688	994
4.022		2241	1519
4.058		10204	7657
4.092		5338	3917
4.166		2888	3083
4.212		5591	4621
4.267		6120	5900
4.33		18957	27363
4.369		4938	4775
4.423		30914	25730
4.459		1984	1942
4.494		14172	10141
4.519		9001	6313
4.562		44156	36681
4.669		33011	33997
4.721		14151	13216
4.762		10290	10197
4.801		48715	43118
4.833		19798	14288
4.872		14687	11977
4.933		2118	2292
4.976		2704	1872
5.029		28216	24314
5.054		8121	5560
5.104		18139	17009
5.139		8323	6407
5.168		7174	6788
5.201		2711	1589

5.222		70402	60987
5.263		1577	1048
5.298		15061	12661
5.329		1851	2620
5.403		3662	4601
5.438		13972	12253
5.483		52672	59047
5.64		32302	32191
5.709		34868	32443
5.76		13956	15413
5.864		20361	18861
5.987		1618	1137
6.006		2667	1819
6.063		25262	22016
6.125		50835	48679
6.159		7712	6391
6.223	DCB	2078158	1921454
6.287		2191	2286
6.488		10606	9499
6.539		4096	3640
6.64		14610	12868
6.678		2641	2885
7.144		52390	56487
8.471		1413	2498

7051099 RI ACF ABS8306 T 131340008A 10736 SW-846 8082

—— \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\BP7127.024.RAW



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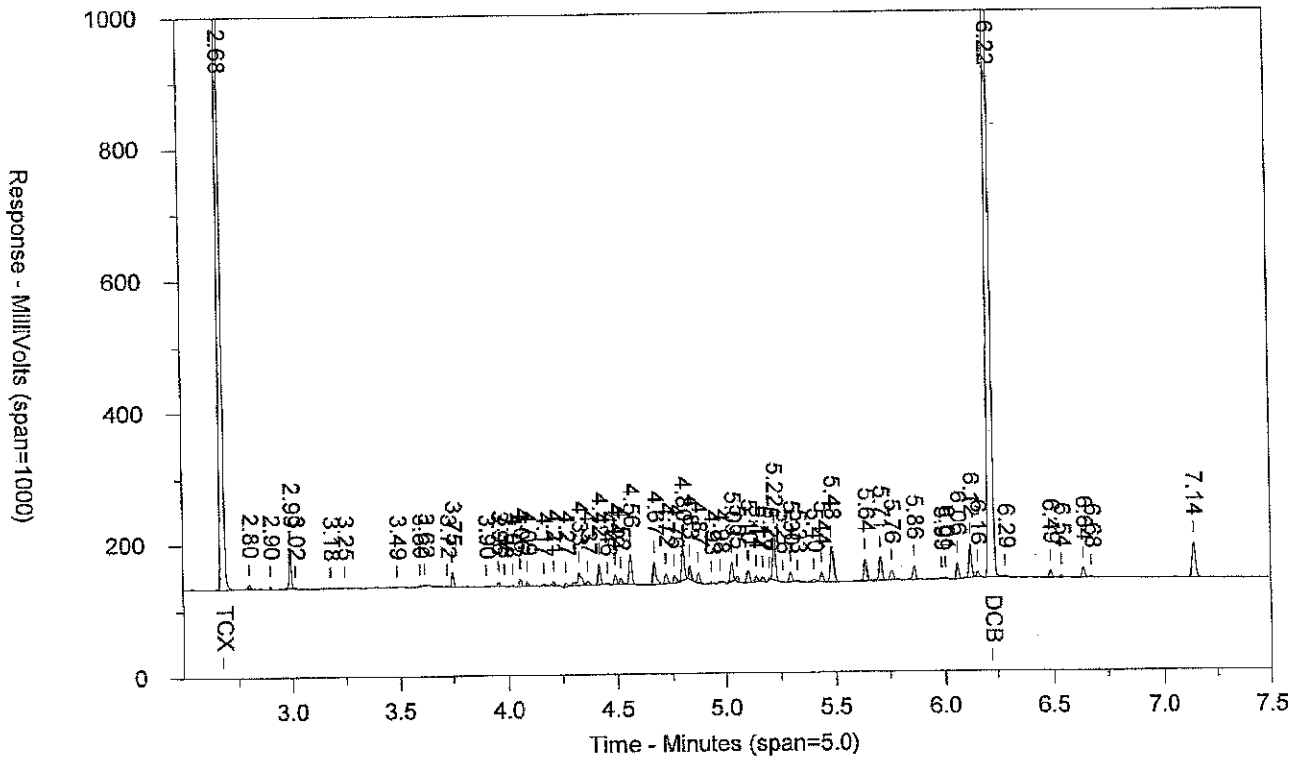

LANCASTER LABORATORIES

Sample Number: 7051099 RI ACF ABS8306 T 131340008A 10736 Sample Weight: 30V-846 8082
Injected On: 5/15/2013 12:55:04 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	2577019	10.704	TCX	2.68	3281350	10.839	TCX
6.451	2317665	11.545	DCB	6.223	2078158	12.549	DCB

Files:
Area File: BP7127.024.RAW
Area File: BP7127B.024.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 1:03:50 PM
File Reported On: 5/15/2013 at 1:03:53 PM

7051099 RI ACF ABS8306 T 131340008A 10736 SW-846 8082

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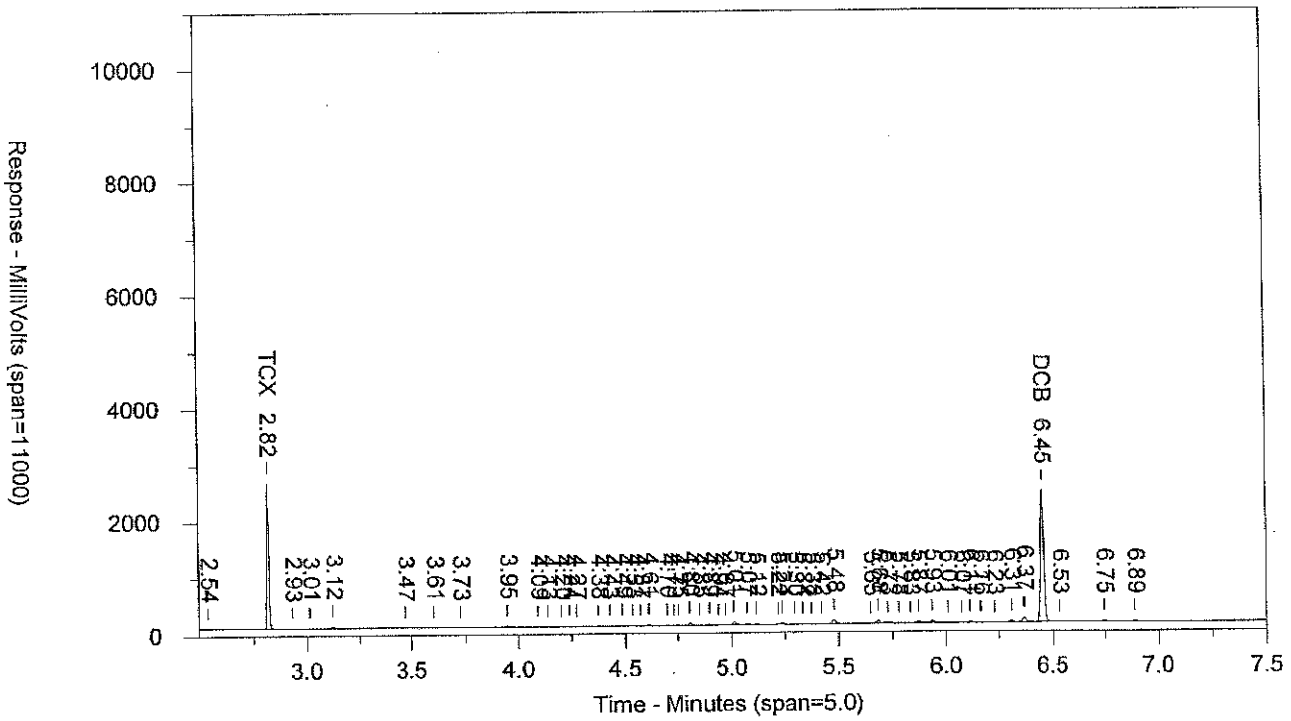

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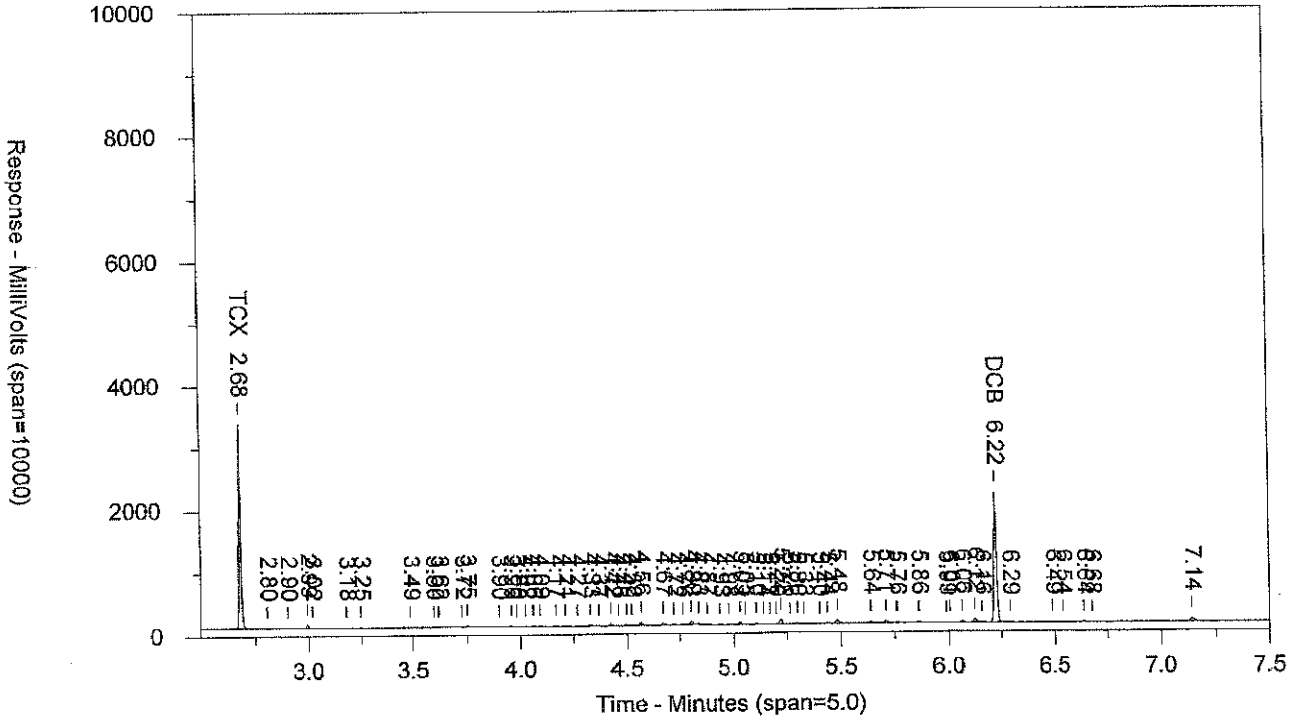

Data Summary

Sample Name: 7051100 RI ACF S8308 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 13:06:37
Instrument 19843A
Result file BP7127.025.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 103% (41 - 146) Conc: 10.341642
%SSR(DCB) 116% (39 - 151) Conc: 11.769464

Analysis Report (B)

Injected on May 15, 2013 13:06:37
Instrument 19843B
Result file BP7127B.025.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 104% (41 - 146) Conc: 10.449862
%SSR(DCB) 125% (39 - 151) Conc: 12.647276

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2489719	10.341642	Tetrachloro-m-xylene	2.66	2.68	2.70	3163516	10.449862
Decachlorobiphenyl	6.43	6.45	6.47	2362693	11.769464	Decachlorobiphenyl	6.21	6.22	6.24	2094498	12.647276

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	10.449862				1.04	
✓ Decachlorobiphenyl	B	12.647276				7.19	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260			<17	<4.9			4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders, Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomaylo, Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051100** RI ACF S8308 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:06:37
Instrument : CP 7--19843A
Result file : BP7127.025.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 103% (41-146) Conc.: 10.341642
%SSR(DCB) : 116% (39-151) Conc.: 11.769464

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	3.90	
3.59	3.61	3.63	1765.589233	0.270561			4
3.83	3.85	3.87	1128.137207	0.25605			6
Height Summation:			**2893.726440**				
Amount Avg CF:			**0.263306**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3521.648682	2.208623			2
Height Summation:			**3521.648682**				
Amount Avg CF:			**2.208623**	Linear:			
Aroclor-1232					2	5.96	
3.59	3.61	3.63	1765.589233	0.536896			4
3.83	3.85	3.87	1128.137207	0.584135			6
Height Summation:			**2893.726440**				
Amount Avg CF:			**0.560516**	Linear:			
Aroclor-1242					2	1.73	
3.59	3.61	3.63	1765.589233	0.327821			4
3.83	3.85	3.87	1128.137207	0.319889			6
Height Summation:			**2893.726440**				
Amount Avg CF:			**0.323855**	Linear:			
Aroclor-1248					5	65.16	
3.71	3.72	3.75	1247.521973	0.21247			1
3.83	3.85	3.87	1128.137207	0.163567			2
3.92	3.95	3.96	1541.351929	0.262779			3
4.22	4.24	4.26	4152.435059	0.728762			5
4.47	4.49	4.51	1868.281006	0.369883			6
Height Summation:			**9937.727174**				
Amount Avg CF:			**0.347492**	Linear:			
Aroclor-1254					6	76.16	
4.22	4.24	4.26	4152.435059	0.385213			1
4.41	4.43	4.45	1069.991211	0.136723			2
4.47	4.49	4.51	1868.281006	0.119116			3
4.68	4.70	4.72	2839.864746	0.266239			4
4.87	4.89	4.91	4977.90332	0.580869			5
4.99	5.01	5.03	10216.44043	0.916592			6
Height Summation:			**25124.915772**				
Amount Avg CF:			**0.400792**	Linear:			
Aroclor-1260					6	23.57	
4.59	4.61	4.63	5073.92627	0.457977			1
4.79	4.81	4.82	7777.071289	0.593509			2
4.99	5.01	5.03	10216.44043	0.714665			3
5.22	5.24	5.26	5355.578613	0.571396			4
5.46	5.48	5.50	8313.470703	0.342234			5
+ 5.46	5.50	5.50	8299.769531	0.34167			5
5.67	5.69	5.71	8531.587891	0.588811			6
Height Summation:			**45268.075196**				
Amount Avg CF:			**0.544765**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 13:06:37
Instrument : CP 7--19843B
Result file : BP7127B.025.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 104% (41-146) Conc.: 10.449862
%SSR(DCB) : 125% (39-151) Conc.: 12.647276

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	48.67	
3.47	3.49	3.51	1303.500977	0.195565			4
3.60	3.62	3.64	2007.24585	0.400781			6
Height Summation:			**3310.746827**				
Amount Avg CF:			**0.298173**	Linear:			
Aroclor-1221					1		
2.90	2.90	2.94	4455.521484	2.052366			2
Height Summation:			**4455.521484**				
Amount Avg CF:			**2.052366**	Linear:			
Aroclor-1232					2	62.58	
3.47	3.49	3.51	1303.500977	0.379813			4
3.60	3.62	3.64	2007.24585	0.982788			6
Height Summation:			**3310.746827**				
Amount Avg CF:			**0.681301**	Linear:			
Aroclor-1242					2	55.18	
3.47	3.49	3.51	1303.500977	0.233639			4
3.60	3.62	3.64	2007.24585	0.532592			6
Height Summation:			**3310.746827**				
Amount Avg CF:			**0.383116**	Linear:			
Aroclor-1248					4	86.81	
3.58	3.60	3.62	2014.28772	0.295292			1
+ 3.58	3.62	3.62	2007.24585	0.29426			1
3.71	3.72	3.75	2366.436523	0.277609			2
3.81	3.82	3.85	773.891479	0.132534			3
4.31	4.33	4.35	4958.032715	0.929803			6
Height Summation:			**10112.648437**				
Amount Avg CF:			**0.40881**	Linear:			
Aroclor-1254					6	57.55	
4.04	4.06	4.08	2088.621826	0.191285			1
4.25	4.27	4.29	2596.25	0.291301			2
4.31	4.33	4.35	4958.032715	0.323649			3
4.48	4.49	4.52	3013.635986	0.302984			4
4.70	4.72	4.74	2958.238281	0.399172			5
4.78	4.80	4.82	9204.469727	0.824917			6
Height Summation:			**24819.248535**				
Amount Avg CF:			**0.388885**	Linear:			
Aroclor-1260					6	21.87	
4.55	4.56	4.59	8390.282227	0.659141			1
4.65	4.67	4.69	4750.835449	0.404383			2
4.78	4.80	4.82	9204.469727	0.817724			3
5.01	5.03	5.05	6073.172852	0.605425			4
5.20	5.22	5.24	13579.992188	0.632743			5
5.47	5.49	5.51	10775.859375	0.741923			6
Height Summation:			**52774.611818**				
Amount Avg CF:			**0.643557**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **7051100** RI ACF S8308 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:06:37
Instrument : CP 7--19843A
Result file : BP7127.025.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**22.39**	
5.06	5.08	5.10	4275.195801	0.31053			1
5.22	5.24	5.26	5355.578613	0.441429			2
5.46	5.48	5.50	8313.470703	0.290874			3
+ 5.46	5.50	5.50	8299.769531	0.290394			3
5.66	5.69	5.70	8531.587891	0.463042			4
5.72	5.73	5.76	2309.390869	0.273618			5
6.09	6.11	6.13	3562.83374	0.360138			6
Height Summation:			**32348.057617**				
Amount Avg CF:			**0.356605**	Linear:			
Aroclor-1268					**6**	**160.90**	
5.66	5.69	5.70	8531.587891	0.249835			1
5.72	5.73	5.76	2309.390869	0.082615			2
5.85	5.87	5.89	32234.931641	1.256958			3
5.92	5.94	5.95	37003.882813	5.299165			4
6.09	6.11	6.13	3562.83374	0.349417			5
6.29	6.31	6.33	24605.960938	0.305579			6
Height Summation:			**108248.587892**				
Amount Avg CF:			**1.257262**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 13:06:37
Instrument : CP 7--19843B
Result file : BP7127B.025.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**31.13**	
4.82	4.83	4.86	3681.405518	0.283113			1
5.01	5.03	5.05	6073.172852	0.450411			2
5.21	5.22	5.24	13579.992188	0.516899			3
5.42	5.44	5.46	2631.620361	0.256684			4
5.47	5.49	5.51	10775.859375	0.591348			5
5.85	5.86	5.89	3811.651611	0.416132			6
Height Summation:			**40553.701905**				
Amount Avg CF:			**0.419098**	Linear:			
Aroclor-1268					**6**	**160.57**	
5.42	5.44	5.46	2631.620361	0.088518			1
5.47	5.49	5.51	10775.859375	0.367307			2
5.62	5.64	5.66	31539.5	1.318901			3
5.69	5.71	5.73	35879.75	5.894822			4
5.85	5.86	5.89	3811.651611	0.38699			5
6.05	6.06	6.09	22159.75	0.327835			6
Height Summation:			**106798.131347**				
Amount Avg CF:			**1.397396**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		12.42	4	40	
Aroclor-1221			17	4.6		7.33	3	40	
Aroclor-1232			17	8		19.45	4	40	
Aroclor-1242			17	3.3		16.76	4	40	
Aroclor-1248			17	3.3		16.22	4	40	
Aroclor-1254			17	3.3		3.02	4	40	
Aroclor-1260			17	4.9		16.63	4	40	
Aroclor-1262			17	3.3		16.11	4	40	
Aroclor-1268			17	3.3		10.56	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051100 RI ACF ABS8308 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 1:06:37 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.025.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.994		3350	6016
2.028		7827	11635
2.115		3926	3225
2.214		15433	12953
2.471		2102	3001
2.816	TCX	2489719	1588062
2.931		1173	1513
3.013		3522	2259
3.123		1615	1249
3.472		1074	969
3.551		927	1381
3.609		1766	1974
3.723		1248	1014
3.755		1715	2508
3.846		1128	961
3.949		1541	1195
4.197		1468	4405
4.241		4152	7071
4.376		1055	1294
4.432		1070	1358
4.489		1868	1326
4.534		1561	2913
4.609		5074	4549
4.699		2840	2597
4.729		1646	2278
4.768		2929	2661
4.806		7777	8878
4.852		1492	1301
4.893		4978	5570
4.965		4636	4844
5.011		10216	10529
5.075		4275	3970
5.119		2903	2898
5.239		5356	8355
5.299		3227	3436
5.379		2934	3107
5.421		2437	2347
5.48		8313	6187
5.499		8300	5854
5.649		4511	5032
5.686		8532	7997
5.73		2309	3877
5.838		820	987
5.873		32235	30942
5.936		37004	42260
6.008		7923	8469
6.112		3563	3664
6.309		24606	23959
6.367		50156	55765
6.452	DCB	2362693	2391212
6.533		2037	2499
6.749		3318	3767
6.889		2783	3526

RT A	Compound A	Height A	Area A
7.535		12543	19496
8.367		2261	4020

LANCASTER LABORATORIES

Sample Number: 7051100 RI ACF ABS8308 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 1:06:37 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.025.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.923		7792	6406
1.969		19748	17422
2.057		3274	7114
2.109		5058	3710
2.208		3159	3215
2.267		1772	1522
2.68	TCX	3163516	2008095
2.802		4252	3191
2.901		4456	2729
2.992		2616	1581
3.017		2863	1857
3.246		2249	1753
3.393		1316	1101
3.488		1304	2276
3.595		2014	1562
3.617		2007	2879
3.723		2366	3192
3.819		774	3780
4.059		2089	1790
4.163		2223	2273
4.215		1883	1606
4.271		2596	2760
4.329		4958	5822
4.424		6648	5378
4.495		3014	2249
4.521		1531	983
4.543		1389	807
4.563		8390	6483
4.67		4751	3535
4.724		2958	2870
4.776		3807	3575
4.802		9204	8163
4.834		3681	2523
4.874		2703	2021
5.03		6073	4924
5.056		1673	1139
5.104		3556	3598
5.141		1270	746
5.173		3359	3617
5.223		13580	11694
5.3		14198	12304
5.406		3046	2888
5.438		2632	2163
5.485		10776	12303
5.641		31540	28308
5.709		35880	32259
5.764		8072	10055
5.864		3812	4144
6.063		22160	19491
6.125		36103	35369
6.223	DCB	2094498	1895042
6.487		2165	2441
6.641		2720	2371
7.146		10848	12426

7051100 RI ACF ABS8308 T 131340008A 10736 **SW-846 8082**

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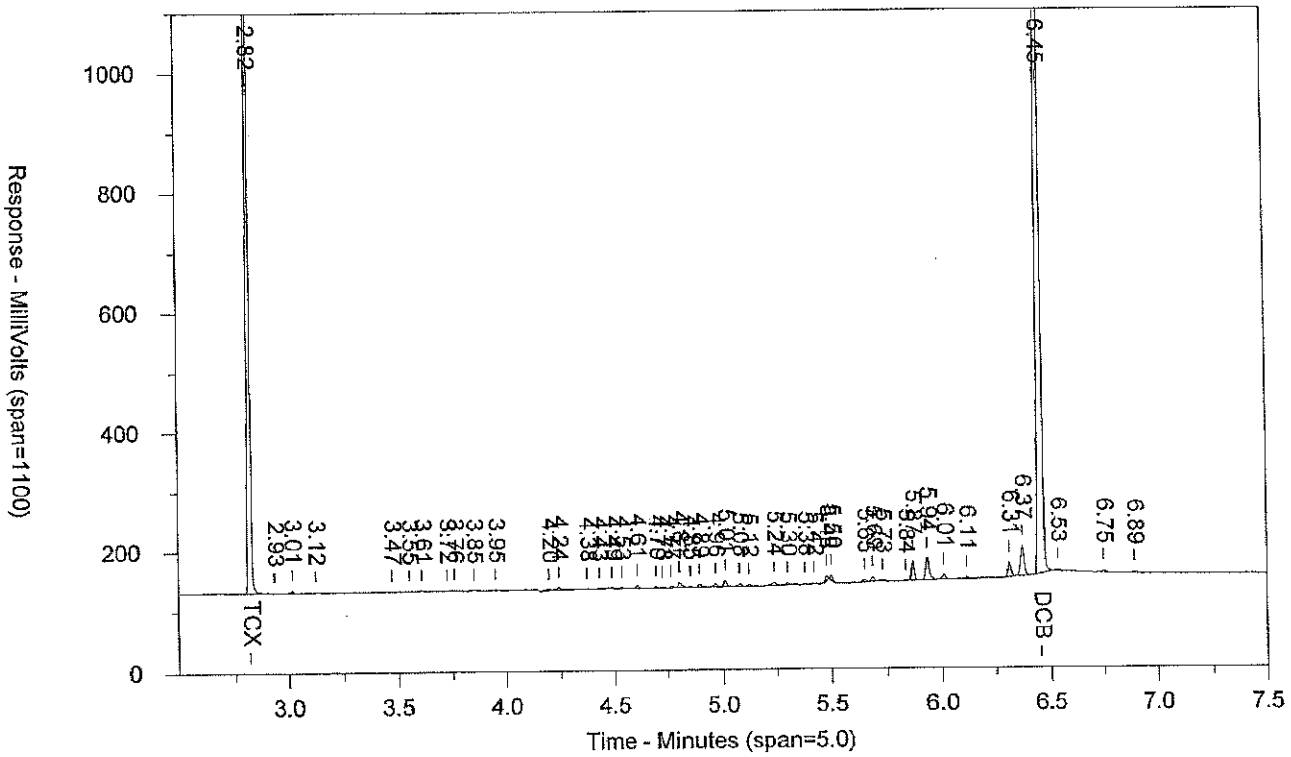

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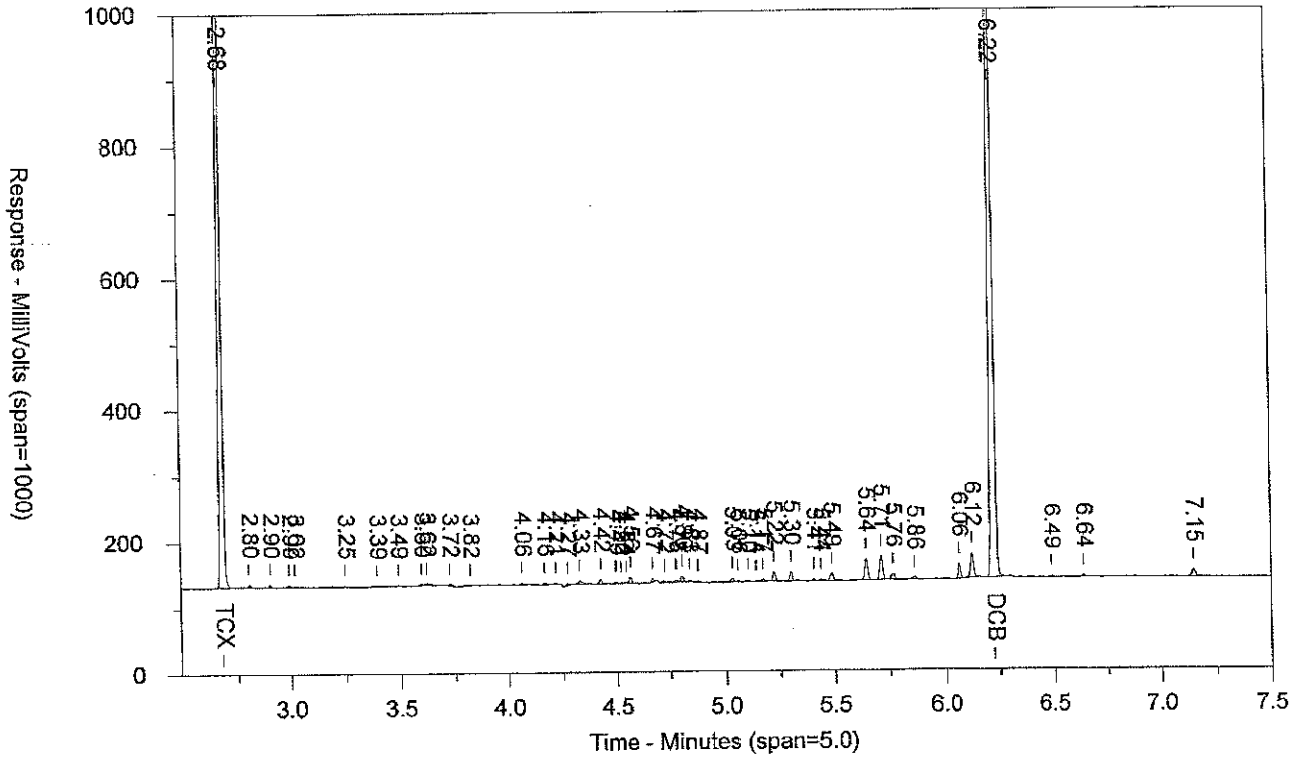

LANCASTER LABORATORIES

Sample Number: 7051100 RI ACF ABS8308 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 1:06:37 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	2489719	10.342	TCX	2.68	3163516	10.45	TCX
6.452	2362693	11.769	DCB	6.223	2094498	12.647	DCB

Files:
Area File: BP7127.025.RAW
Area File: BP7127B.025.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 1:15:19 PM
File Reported On: 5/15/2013 at 1:15:25 PM

7051100 RI ACF ABS8308 T 131340008A 10736 SW-846 8082

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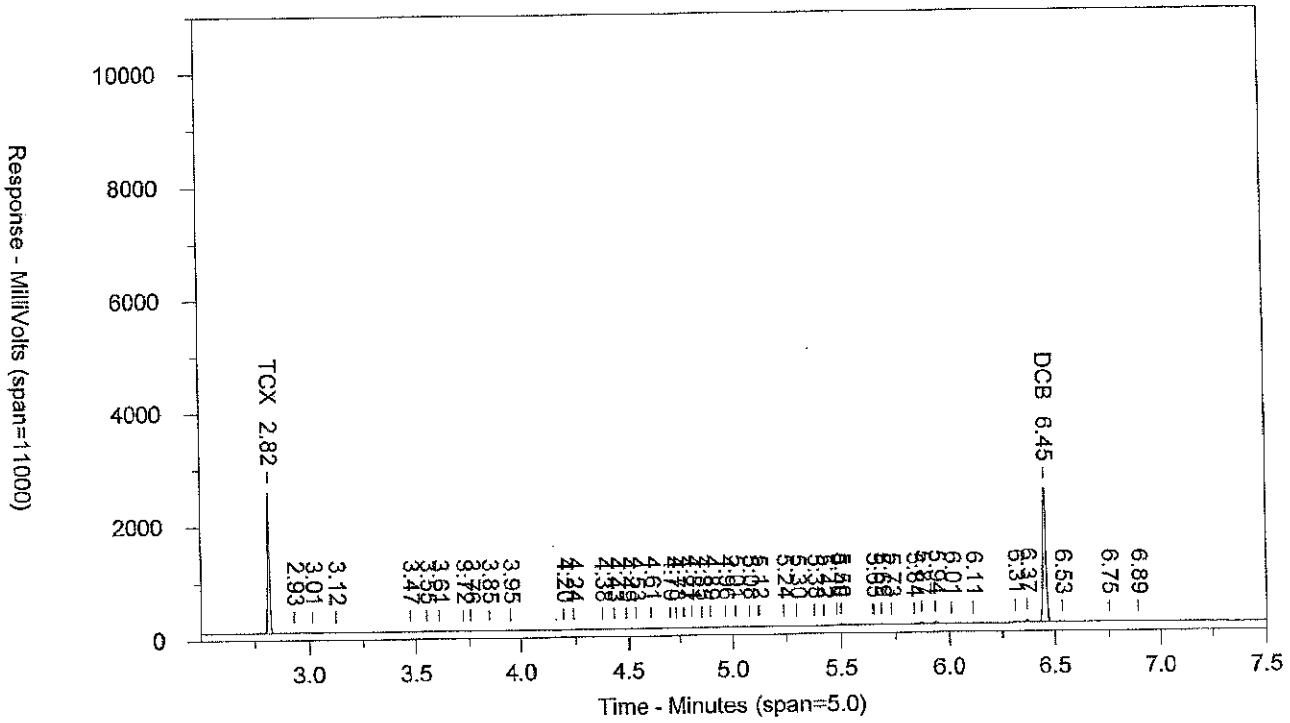

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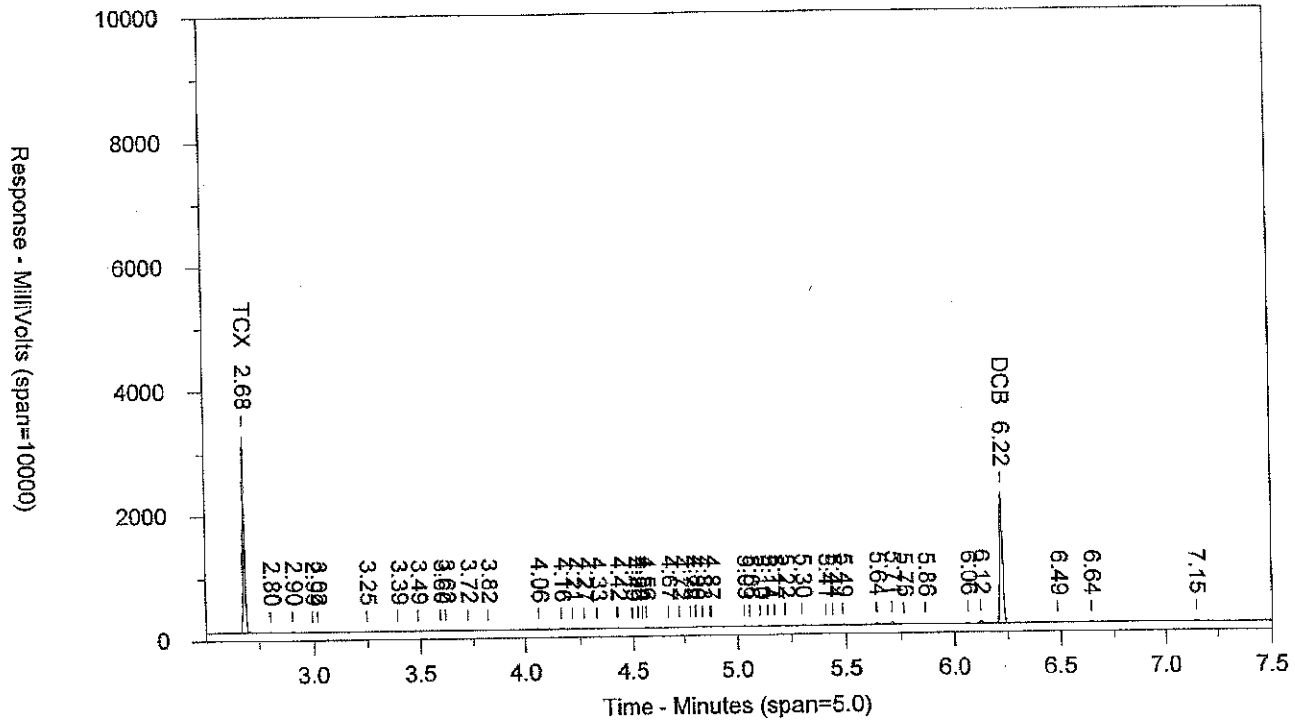

Data Summary

Sample Name: 7051101 RI ACF S8310 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 13:18:02
Instrument 19843A
Result file BP7127.026.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 103% (41 - 146) Conc: 10.415356
%SSR(DCB) 120% (39 - 151) Conc: 12.189815

Analysis Report (B)

Injected on May 15, 2013 13:18:02
Instrument 19843B
Result file BP7127B.026.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 108% (41 - 146) Conc: 10.847675
%SSR(DCB) 125% (39 - 151) Conc: 12.698543

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2507465	10.415356	Tetrachloro-m-xylene	2.66	2.68	2.70	3283947	10.847675
Decachlorobiphenyl	6.43	6.45	6.47	2447078	12.189815	Decachlorobiphenyl	6.21	6.22	6.24	2102989	12.698543

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☑	Tetrachloro-m-xylene	B	10.847675				4.07	
☑	Decachlorobiphenyl	B	12.698543				4.09	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑	Aroclor-1016			<17	<3.6			4	40	
☑	Aroclor-1221			<17	<4.6			3	40	
☑	Aroclor-1232			<17	<8			4	40	
☑	Aroclor-1242			<17	<3.3			4	40	
☑	Aroclor-1248			<17	<3.3			4	40	
☑	Aroclor-1254			<17	<3.3			4	40	
☑	Aroclor-1260			<17	<4.9			4	40	
☐	Aroclor-1262			<17	<3.3			4	40	
☐	Aroclor-1268			<17	<3.3			4	40	
☐	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Temple
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051101** RI ACF S8310 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:18:02
Instrument : CP 7--19843A
Result file : BP7127.026.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 103% (41-146) Conc.: 10.415356
%SSR(DCB) : 120% (39-151) Conc.: 12.189815

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.83	3.85	3.87	2156.724609	0.489506			6
Height Summation:			**2156.724609**				
Amount Avg CF:			**0.489506**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3192.968262	2.002489			2
Height Summation:			**3192.968262**				
Amount Avg CF:			**2.002489**	Linear:			
Aroclor-1232					1		
3.83	3.85	3.87	2156.724609	1.116725			6
Height Summation:			**2156.724609**				
Amount Avg CF:			**1.116725**	Linear:			
Aroclor-1242					1		
3.83	3.85	3.87	2156.724609	0.611551			6
Height Summation:			**2156.724609**				
Amount Avg CF:			**0.611551**	Linear:			
Aroclor-1248					3	**50.44**	
3.83	3.85	3.87	2156.724609	0.3127			2
4.22	4.24	4.26	4826.605957	0.847081			5
4.47	4.49	4.51	2384.269287	0.472038			6
Height Summation:			**9367.599853**				
Amount Avg CF:			**0.54394**	Linear:			
Aroclor-1254					4	**64.63**	
4.22	4.24	4.26	4826.605957	0.447754			1
4.47	4.49	4.51	2384.269287	0.152014			3
4.87	4.89	4.91	4965.827637	0.57946			5
4.99	5.01	5.03	11143.40625	0.999757			6
Height Summation:			**23320.109131**				
Amount Avg CF:			**0.544746**	Linear:			
Aroclor-1260					6	**19.00**	
4.59	4.61	4.63	6234.058594	0.562691			1
4.79	4.80	4.82	9155.130859	0.698676			2
4.99	5.01	5.03	11143.40625	0.779509			3
5.22	5.24	5.26	6467.988281	0.690081			4
5.46	5.48	5.50	10661.351563	0.438887			5
+ 5.46	5.50	5.50	5195.371582	0.213874			5
5.67	5.68	5.71	8940.138672	0.617008			6
Height Summation:			**52602.074219**				
Amount Avg CF:			**0.631142**	Linear:			
Aroclor-1262					6	**13.07**	
5.06	5.08	5.10	6614.678711	0.480459			1
5.22	5.24	5.26	6467.988281	0.533118			2
5.46	5.48	5.50	10661.351563	0.373022			3
+ 5.46	5.50	5.50	5195.371582	0.181777			3
5.66	5.68	5.70	8940.138672	0.485215			4
5.72	5.72	5.76	4583.736328	0.543084			5
6.09	6.11	6.13	4404.200195	0.445184			6
Height Summation:			**41672.093750**				
Amount Avg CF:			**0.47668**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 13:18:02
Instrument : CP 7--19843B
Result file : BP7127B.026.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 108% (41-146) Conc.: 10.847675
%SSR(DCB) : 125% (39-151) Conc.: 12.698543

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	**25.92**	
3.47	3.49	3.51	1448.951172	0.217387			4
3.60	3.62	3.64	1577.349365	0.314945			6
Height Summation:			**3026.300537**				
Amount Avg CF:			**0.266166**	Linear:			
Aroclor-1221					2	**41.80**	
2.83	2.85	2.87	3417.948242	1.120095			1
2.90	2.90	2.94	4472.291992	2.060091			2
Height Summation:			**7890.240234**				
Amount Avg CF:			**1.590093**	Linear:			
Aroclor-1232					2	**41.45**	
3.47	3.49	3.51	1448.951172	0.422194			4
3.60	3.62	3.64	1577.349365	0.772302			6
Height Summation:			**3026.300537**				
Amount Avg CF:			**0.597248**	Linear:			
Aroclor-1242					2	**33.12**	
3.47	3.49	3.51	1448.951172	0.25971			4
3.60	3.62	3.64	1577.349365	0.418525			6
Height Summation:			**3026.300537**				
Amount Avg CF:			**0.339118**	Linear:			
Aroclor-1248					2	**71.31**	
3.71	3.72	3.75	2388.401855	0.280185			2
4.31	4.33	4.35	4533.081055	0.85011			6
Height Summation:			**6921.482910**				
Amount Avg CF:			**0.565148**	Linear:			
Aroclor-1254					6	**67.05**	
4.04	4.06	4.08	2484.473633	0.227539			1
4.25	4.27	4.29	3346.659424	0.375497			2
4.31	4.33	4.35	4533.081055	0.295909			3
4.48	4.49	4.52	2270.594482	0.22828			4
4.70	4.73	4.74	2854.697021	0.385201			5
4.78	4.80	4.82	10684.080078	0.957522			6
Height Summation:			**26173.585693**				
Amount Avg CF:			**0.411658**	Linear:			
Aroclor-1260					6	**22.67**	
4.55	4.56	4.59	11132.492188	0.874569			1
4.65	4.67	4.69	5225.643555	0.444798			2
4.78	4.80	4.82	10684.080078	0.949172			3
5.01	5.03	5.05	8165.307129	0.813986			4
5.20	5.22	5.24	16758.197266	0.780828			5
5.47	5.48	5.51	12802.883789	0.881484			6
Height Summation:			**64768.604005**				
Amount Avg CF:			**0.790806**	Linear:			
Aroclor-1262					6	**31.15**	
4.82	4.83	4.86	4891.510254	0.376174			1
5.01	5.03	5.05	8165.307129	0.605572			2
5.21	5.22	5.24	16758.197266	0.637871			3
5.42	5.44	5.46	2868.615234	0.2798			4
5.47	5.48	5.51	12802.883789	0.702585			5
5.85	5.86	5.89	4988.468262	0.544609			6
Height Summation:			**50474.981934**				
Amount Avg CF:			**0.524435**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051101** RI ACF S8310 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:18:02
Instrument : CP 7--19843A
Result file : BP7127.026.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**150.09**	
5.66	5.68	5.70	8940.138672	0.261799			1
5.72	5.72	5.76	4583.736328	0.163976			2
5.85	5.87	5.89	25423.197266	0.991344			3
5.92	5.94	5.95	30061.638672	4.304996			4
6.09	6.11	6.13	4404.200195	0.431932			5
6.29	6.31	6.33	22909.550781	0.284511			6

Height Summation: **96322.461914**
Amount Avg CF: **1.073093** Linear:

Analysis Report (B)

Injected on : MAY 15, 2013 13:18:02
Instrument : CP 7--19843B
Result file : BP7127B.026.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**146.95**	
5.42	5.44	5.46	2868.615234	0.096489			1
5.47	5.48	5.51	12802.883789	0.4364			2
5.62	5.64	5.66	27069.513672	1.131978			3
5.69	5.71	5.73	29091.457031	4.779548			4
5.85	5.86	5.89	4988.468262	0.506469			5
6.05	6.06	6.09	21835.789063	0.323042			6

Height Summation: **98656.727051**
Amount Avg CF: **1.212321** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 59.11	4	40	
Aroclor-1221			17	4.6		22.96	3	40	
Aroclor-1232			17	8		** 60.62	4	40	
Aroclor-1242			17	3.3		** 57.31	4	40	
Aroclor-1248			17	3.3		3.82	4	40	
Aroclor-1254			17	3.3		27.83	4	40	
Aroclor-1260			17	4.9		22.46	4	40	
Aroclor-1262			17	3.3		9.54	4	40	
Aroclor-1268			17	3.3		12.18	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051101 RI ACF ABS8310 T 131340008A 10736 Injection Volume:SWu846 8082
Injected On: 5/15/2013 1:18:01 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.026.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.731		999	1595
1.888		3620	3102
1.997		3336	6619
2.027		6010	9327
2.116		3776	2606
2.213		12173	11343
2.274		1254	2371
2.336		2925	2482
2.46		1596	2075
2.549		2250	1650
2.686		14441	8933
2.738		2338	1955
2.815	TCX	2507465	1620021
3.013		3193	2004
3.099		1822	1628
3.145		936	1921
3.432		2183	1617
3.472		1627	1518
3.551		28129	16730
3.855		2157	25153
4.058		4822	6855
4.171		2943	6384
4.239		4827	12643
4.335		1699047	1281875
4.384		3193	4189
4.488		2384	1859
4.607		6234	5390
4.733		4489	5821
4.767		2502	2176
4.804		9155	10524
4.894		4966	5416
4.964		4100	4481
5.009		11143	10667
5.078		6615	7998
5.117		2895	2608
5.238		6468	9048
5.297		4326	4030
5.336		2002	1830
5.377		2000	2186
5.422		5038	6285
5.479		10661	8792
5.5		5195	3362
5.591		1193	1455
5.651		12669	13067
5.684		8940	8274
5.724		4584	7176
5.835		981	881
5.871		25423	25089
5.935		30062	33417
6.009		8588	9507
6.111		4404	4356
6.308		22910	22532
6.365		44507	49431

RT A	Compound A	Height A	Area A
6.451	DCB	2447078	2417681
6.747		5034	5821
6.887		5760	6907
7.533		24696	40535
8.363		2678	5652

LANCASTER LABORATORIES

Sample Number: 7051101 RI ACF ABS8310 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 1:18:01 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.026.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.689		1455	1108
1.724		992	1327
1.839		4955	4728
1.924		5784	5785
1.97		16762	16067
2.006		2017	1815
2.063		2817	7156
2.109		5544	4524
2.205		4334	4162
2.266		1354	1112
2.429		832	743
2.483		2103	1553
2.537		3892	3143
2.68	TCX	3283947	2050073
2.743		1598	792
2.802		3063	2869
2.848		3418	3141
2.9		4472	2541
2.991		2110	2090
3.016		3415	2366
3.133		3765	3644
3.246		1665	1442
3.395		5531	7146
3.489		1449	1793
3.621		1577	1492
3.645		4148	3768
3.697		1618	1621
3.725		2388	3084
3.857		1396	8574
3.905		6680	8004
4.056		2484	2467
4.167		5608	6310
4.268		3347	5481
4.328		4533	5223
4.431		567503	403492
4.495		2271	1415
4.518		2258	1540
4.563		11132	8499
4.669		5226	3986
4.729		2855	4373
4.775		3449	3155
4.801		10684	9128
4.833		4892	3722
4.872		3273	2462
4.939		965	956
5.029		8165	7528
5.104		4161	4039
5.139		1716	1221
5.172		3075	3441
5.222		16758	14162
5.261		11433	9830
5.298		11291	9436
5.331		2298	2573
5.405		3141	2971

5.438		2869	2493
5.484		12803	13439
5.64		27070	26602
5.708		29091	26091
5.763		6888	7647
5.863		4988	4386
6.062		21836	18872
6.125		30503	28856
6.158		2274	2117
6.222	DCB	2102989	1908657
6.487		3917	3397
6.639		5789	5335
7.144		22814	25567

7051101 RI ACF ABS8310 T 131340008A 10736 SW-846 8082

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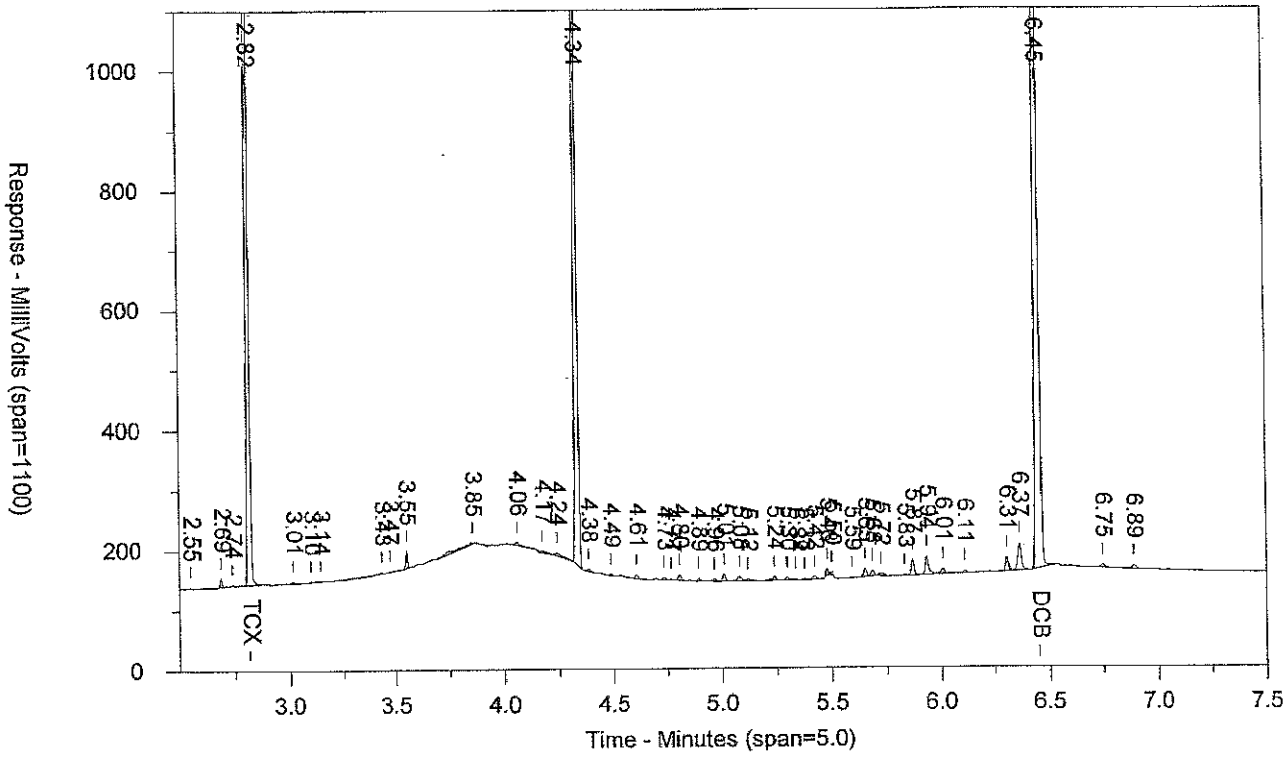

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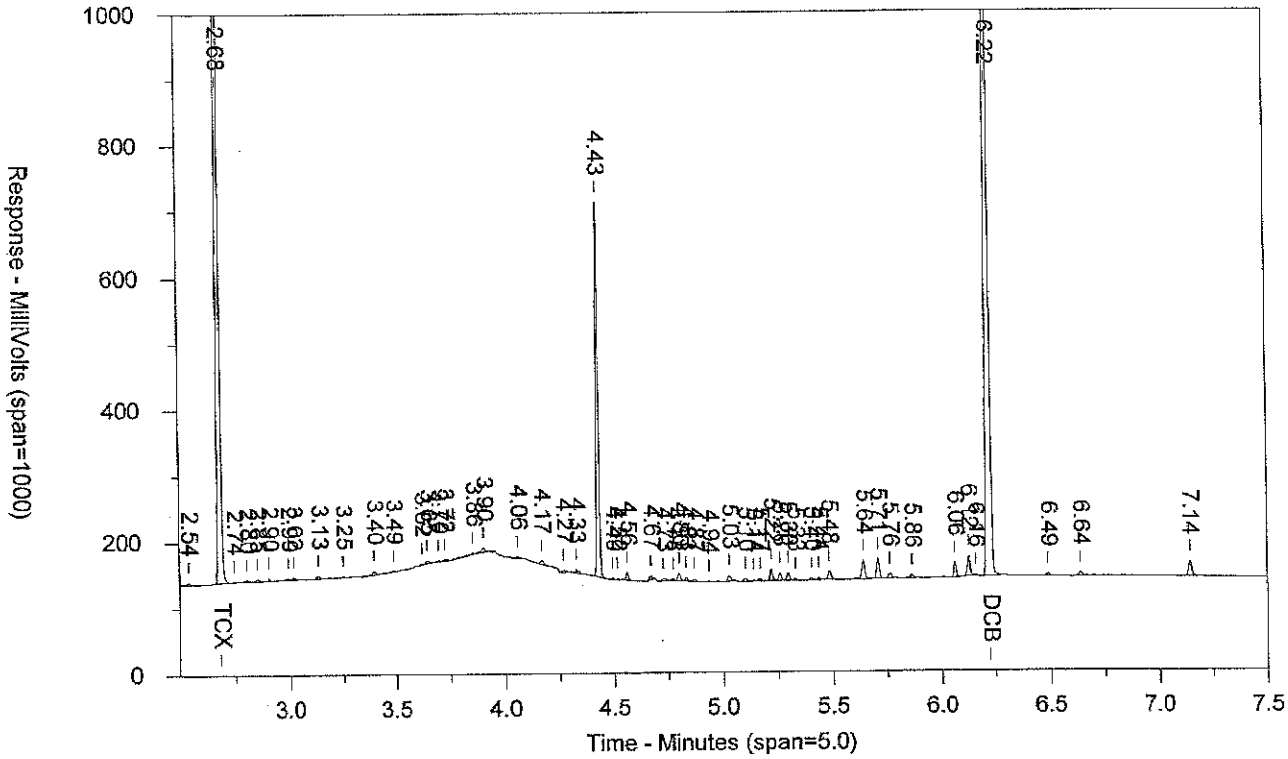

LANCASTER LABORATORIES

Sample Number: 7051101 RI ACF ABS8310 T 131340008A 10736 Sample Weight: 30W-846 8082
Injected On: 5/15/2013 1:18:01 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2507465	10.415	TCX	2.68	3283947	10.848	TCX
6.451	2447078	12.19	DCB	6.222	2102989	12.699	DCB

Files:
Area File: BP7127.026.RAW
Area File: BP7127B.026.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 1:26:42 PM
File Reported On: 5/15/2013 at 1:26:45 PM

7051101 RI ACF ABS8310 T 131340008A 10736 SW-846 8082

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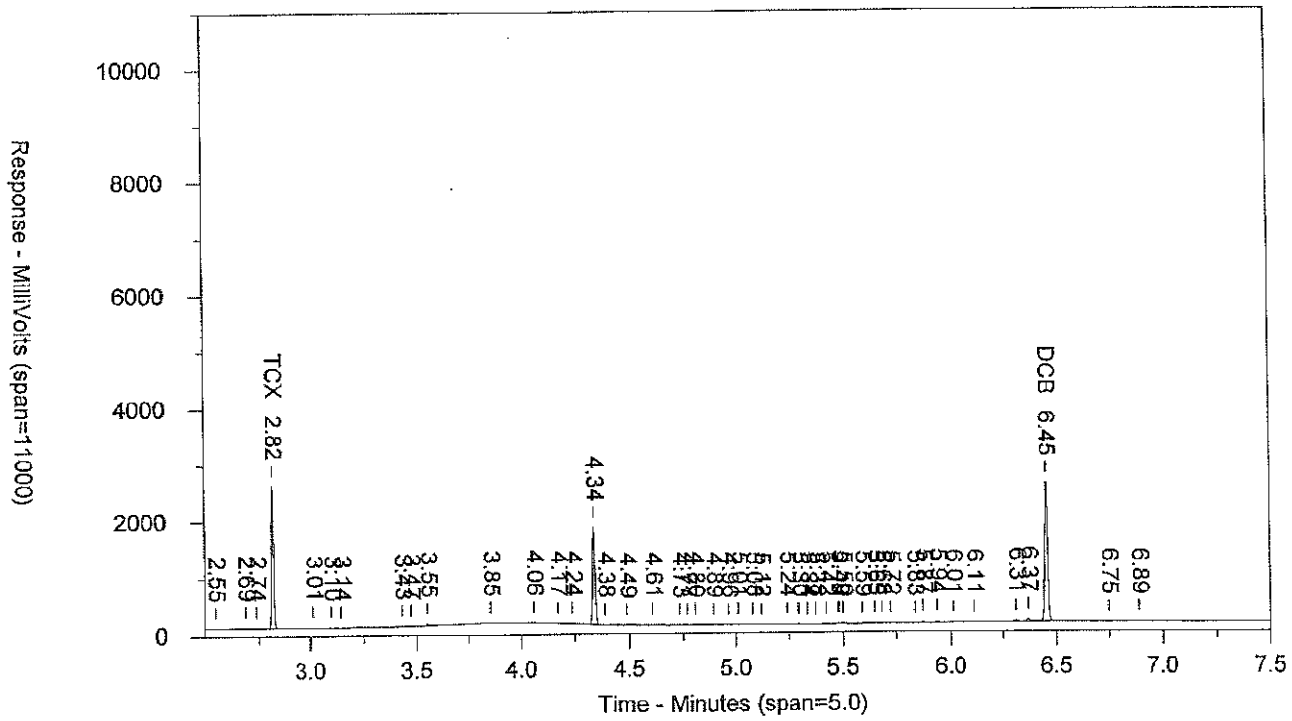

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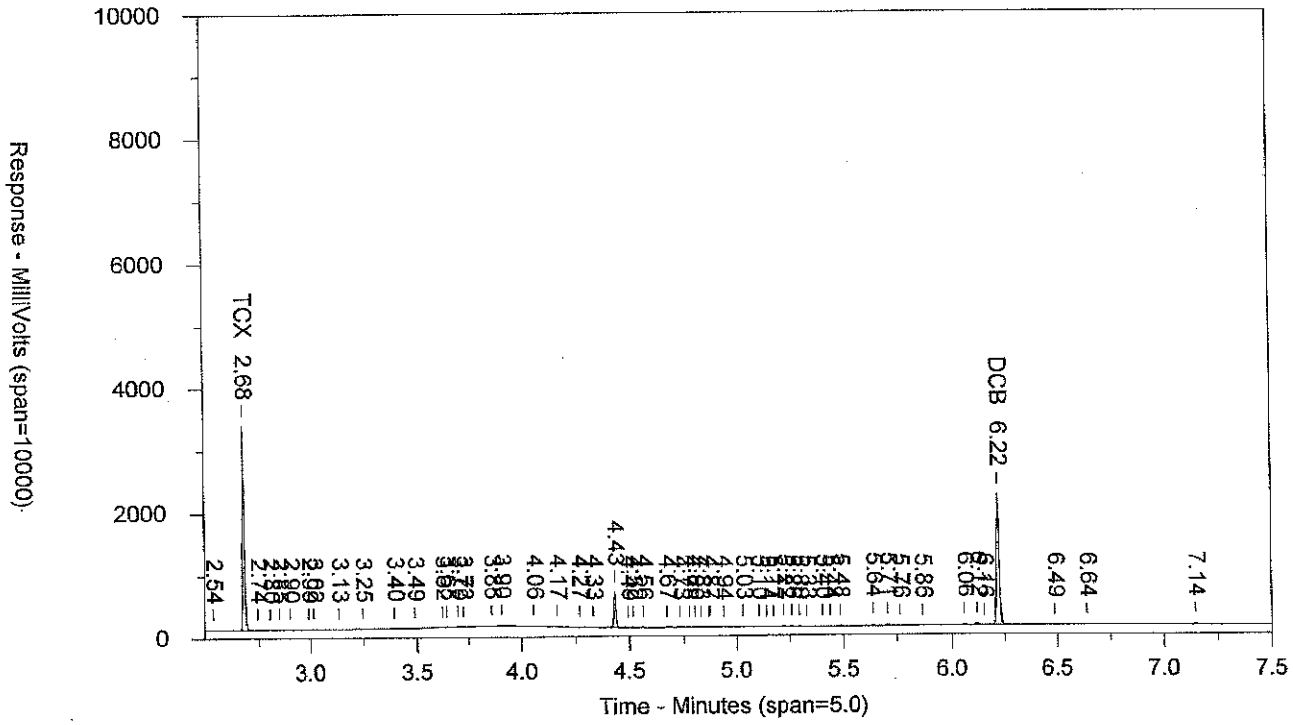

Data Summary

Sample Name: 7051102 RI ACF S8312 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 13:40:51
Instrument	19843A
Result file	BP7127.028.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 100% (41 - 146) Conc: 10.073225
%SSR(DCB) 115% (39 - 151) Conc: 11.665452

Analysis Report (B)

Injected on	May 15, 2013 13:40:51
Instrument	19843B
Result file	BP7127B.028.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 104% (41 - 146) Conc: 10.441832
%SSR(DCB) 124% (39 - 151) Conc: 12.611872

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2425098	10.073225	Tetrachloro-m-xylene	2.66	2.68	2.70	3161085	10.441832
Decachlorobiphenyl	6.43	6.45	6.47	2341813	11.665452	Decachlorobiphenyl	6.21	6.22	6.24	2088635	12.611872

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.441832				3.59	
✓	Decachlorobiphenyl	B	12.611872				7.80	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260			<17	<4.9			4	40	
	Aroclor-1262			<17	<3.3			4	40	
	Aroclor-1268			<17	<3.3			4	40	
	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: Monica M. Souders Chemist
MAY 16 2013

Verified by: Valerie L. Tomarko Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051102** RI ACF S8312 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:40:51
Instrument : CP 7--19843A
Result file : BP7127.028.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 100% (41-146) Conc.: 10.073225
%SSR(DCB) : 115% (39-151) Conc.: 11.665452

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	28.14	
3.59	3.61	3.63	1635.771484	0.250668			4
3.83	3.85	3.87	1653.195801	0.375222			6
Height Summation:			**3288.967285**				
Amount Avg CF:			**0.312945**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3172.657715	1.989751			2
Height Summation:			**3172.657715**				
Amount Avg CF:			**1.989751**	Linear:			
Aroclor-1232					2	37.47	
3.59	3.61	3.63	1635.771484	0.49742			4
3.83	3.85	3.87	1653.195801	0.856004			6
Height Summation:			**3288.967285**				
Amount Avg CF:			**0.676712**	Linear:			
Aroclor-1242					2	30.22	
3.59	3.61	3.63	1635.771484	0.303717			4
3.83	3.85	3.87	1653.195801	0.468772			6
Height Summation:			**3288.967285**				
Amount Avg CF:			**0.386245**	Linear:			
Aroclor-1248					5	51.16	
3.71	3.72	3.75	1768.145752	0.301139			1
3.83	3.85	3.87	1653.195801	0.239694			2
3.92	3.95	3.96	5070.742676	0.864489			3
4.22	4.24	4.26	3010.094238	0.528279			5
4.47	4.47	4.51	2332.129883	0.461716			6
Height Summation:			**13834.308350**				
Amount Avg CF:			**0.479063**	Linear:			
Aroclor-1254					4	25.44	
4.22	4.24	4.26	3010.094238	0.27924			1
4.47	4.47	4.51	2332.129883	0.14869			3
4.87	4.89	4.91	1816.951538	0.212019			5
4.99	5.01	5.03	2256.669434	0.202462			6
Height Summation:			**9415.845093**				
Amount Avg CF:			**0.210603**	Linear:			
Aroclor-1260					5	52.47	
4.79	4.80	4.82	3193.251709	0.243694			2
4.99	5.01	5.03	2256.669434	0.15786			3
5.22	5.23	5.26	1897.914429	0.202492			4
5.46	5.50	5.50	10499.269531	0.432215			5
5.67	5.68	5.71	1749.047119	0.120711			6
Height Summation:			**19596.152222**				
Amount Avg CF:			**0.231394**	Linear:			
Aroclor-1262					4	75.66	
5.06	5.08	5.10	1117.056274	0.081138			1
5.22	5.23	5.26	1897.914429	0.156434			2
5.46	5.50	5.50	10499.269531	0.367351			3
5.66	5.68	5.70	1749.047119	0.094927			4
Height Summation:			**15263.287353**				
Amount Avg CF:			**0.174963**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 13:40:51
Instrument : CP 7--19843B
Result file : BP7127B.028.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 104% (41-146) Conc.: 10.441832
%SSR(DCB) : 124% (39-151) Conc.: 12.611872

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	32.69	
3.47	3.49	3.51	1475.382813	0.221352			4
3.60	3.62	3.64	1775.085205	0.354426			6
Height Summation:			**3250.468018**				
Amount Avg CF:			**0.287889**	Linear:			
Aroclor-1221					1		
2.90	2.90	2.94	4404.184082	2.028718			2
Height Summation:			**4404.184082**				
Amount Avg CF:			**2.028718**	Linear:			
Aroclor-1232					2	47.82	
3.47	3.49	3.51	1475.382813	0.429896			4
3.60	3.62	3.64	1775.085205	0.869117			6
Height Summation:			**3250.468018**				
Amount Avg CF:			**0.649507**	Linear:			
Aroclor-1242					2	39.72	
3.47	3.49	3.51	1475.382813	0.264447			4
3.60	3.62	3.64	1775.085205	0.470992			6
Height Summation:			**3250.468018**				
Amount Avg CF:			**0.36772**	Linear:			
Aroclor-1248					3	54.65	
3.58	3.59	3.62	1929.175293	0.282815			1
+ 3.58	3.62	3.62	1775.085205	0.260225			1
3.71	3.72	3.75	1840.664307	0.21593			2
4.31	4.33	4.35	3130.335938	0.587047			6
Height Summation:			**6900.175538**				
Amount Avg CF:			**0.361931**	Linear:			
Aroclor-1254					3	38.47	
4.25	4.27	4.29	3143.102051	0.352658			2
4.31	4.33	4.35	3130.335938	0.204341			3
4.78	4.80	4.82	1984.302856	0.177836			6
Height Summation:			**8257.740845**				
Amount Avg CF:			**0.244945**	Linear:			
Aroclor-1260					5	38.24	
4.65	4.69	4.69	4621.168457	0.393346			2
4.78	4.80	4.82	1984.302856	0.176285			3
5.01	5.03	5.05	2606.782227	0.259866			4
5.20	5.22	5.24	3277.372803	0.152705			5
5.47	5.48	5.51	3621.776123	0.249361			6
Height Summation:			**16111.402466**				
Amount Avg CF:			**0.246313**	Linear:			
Aroclor-1262					4	22.79	
5.01	5.03	5.05	2606.782227	0.19333			2
5.21	5.22	5.24	3277.372803	0.124747			3
5.47	5.48	5.51	3621.776123	0.198753			5
5.85	5.87	5.89	1279.638184	0.139703			6
Height Summation:			**10785.569337**				
Amount Avg CF:			**0.164133**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051102** RI ACF S8312 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 13:40:51
Instrument : CP 7--19843A
Result file : BP7127.028.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**4**	**136.93**	
5.66	5.68	5.70	1749.047119	0.051218			1
5.85	5.87	5.89	25225.421875	0.983632			3
5.92	5.93	5.95	27565.371094	3.947517			4
6.29	6.31	6.33	22159.134766	0.275192			6

Height Summation: **76698.974854**
Amount Avg CF: **1.31439** Linear:

Analysis Report (B)

Injected on : MAY 15, 2013 13:40:51
Instrument : CP 7--19843B
Result file : BP7127B.028.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**153.40**	
5.47	5.48	5.51	3621.776123	0.123452			2
5.62	5.64	5.66	25365.367188	1.060715			3
5.69	5.71	5.73	27895.623047	4.583079			4
5.85	5.87	5.89	1279.638184	0.129919			5
6.05	6.06	6.09	21428.974609	0.317023			6

Height Summation: **79591.379151**
Amount Avg CF: **1.242838** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		8.34	4	40	
Aroclor-1221			17	4.6		1.94	3	40	
Aroclor-1232			17	8		4.10	4	40	
Aroclor-1242			17	3.3		4.91	4	40	
Aroclor-1248			17	3.3		27.86	4	40	
Aroclor-1254			17	3.3		15.08	4	40	
Aroclor-1260			17	4.9		6.25	4	40	
Aroclor-1262			17	3.3		6.39	4	40	
Aroclor-1268			17	3.3		5.60	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051102 RI ACF ABS8312 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 1:40:51 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.028.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.731		989	2442
1.858		987	2340
1.936		8135	6990
1.997		5402	10273
2.027		8322	19215
2.115		4217	4476
2.214		15619	13202
2.278		1235	2132
2.471		2662	2998
2.686		4786	3187
2.815	TCX	2425098	1574397
3.013		3173	2154
3.124		21293	15053
3.472		1303	1047
3.608		1636	2159
3.724		1768	1848
3.769		1184	2255
3.85		1653	2943
3.95		5071	4679
4.091		1609	1145
4.175		1920	2213
4.24		3010	4414
4.337		453917	329759
4.469		2332	2316
4.514		1581	1970
4.768		3476	3456
4.802		3193	2984
4.852		1820	3657
4.891		1817	2018
4.963		3826	3884
5.008		2257	2081
5.077		1117	1427
5.232		1898	3533
5.3		4930	7151
5.376		1823	1903
5.423		1317	1395
5.498		10499	13489
5.652		21335	21913
5.683		1749	1556
5.871		25225	24608
5.934		27565	30857
6.007		6425	7096
6.075		823	2051
6.185		1577	1207
6.309		22159	21591
6.365		36262	40478
6.45	DCB	2341813	2395955
6.747		3535	3878
6.889		2967	3476
7.533		13619	21005
8.359		2210	4311

LANCASTER LABORATORIES

Sample Number: 7051102 RI ACF ABS8312 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 1:40:51 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.028.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.69		1108	982
1.843		11056	9319
1.923		6168	5193
1.97		20472	18449
2.007		1499	1367
2.061		4205	8737
2.109		5393	4721
2.209		2848	2366
2.266		1443	1172
2.68	TCX	3161085	1993666
2.803		4382	3643
2.901		4404	2414
2.992		30549	18737
3.017		2928	1774
3.245		1953	1725
3.394		1367	1360
3.487		1475	1717
3.593		1929	1456
3.618		1775	1270
3.723		1841	1502
4.166		2294	2659
4.214		2798	6420
4.269		3143	5200
4.328		3130	3576
4.433		42832	30029
4.544		3331	2426
4.686		4621	5356
4.775		3599	2547
4.801		1984	1551
5.029		2607	4102
5.172		2821	3270
5.222		3277	2842
5.261		15580	13970
5.298		10451	8906
5.328		1549	2109
5.404		2609	2457
5.483		3622	6008
5.64		25365	22625
5.709		27896	25190
5.765		5056	5832
5.865		1280	1267
6.063		21429	17953
6.124		26811	26354
6.222	DCB	2088635	1877003
6.488		2100	1673
6.542		1075	822
6.64		2731	2150
7.144		12375	13649

7051102 RI ACF ABS8312 T 131340008A 10736 SW-846 8082

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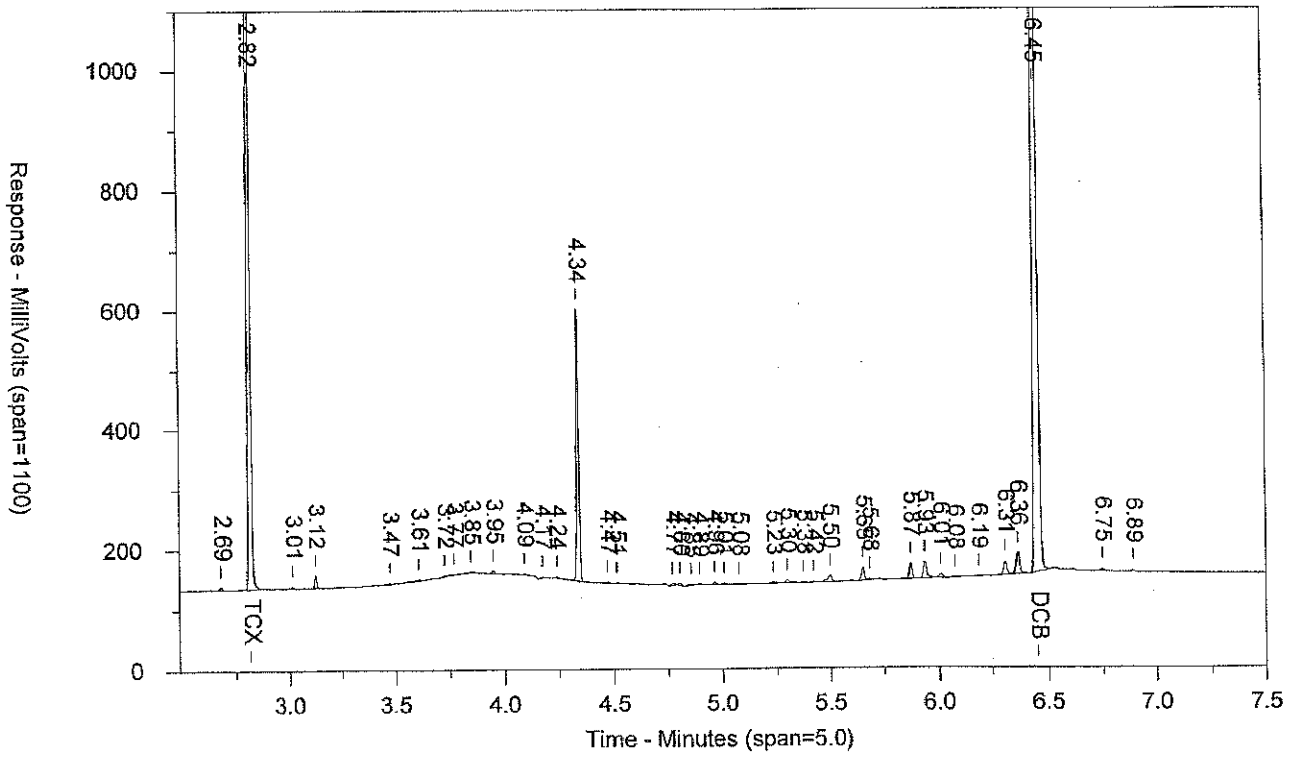

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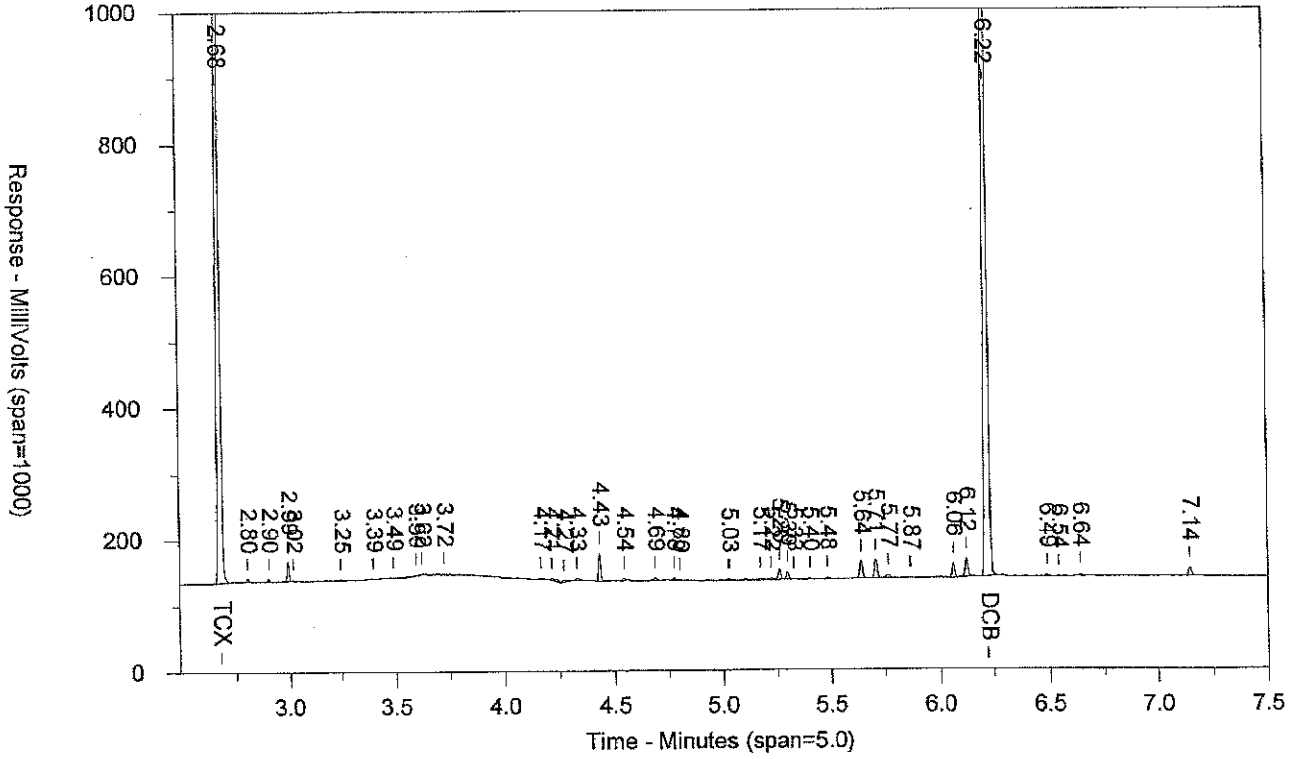

LANCASTER LABORATORIES

Sample Number: 7051102 RI ACF ABS8312 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 1:40:51 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2425098	10.073	TCX	2.68	3161085	10.442	TCX
6.45	2341813	11.665	DCB	6.222	2088635	12.612	DCB

Files:
Area File: BP7127.028.RAW
Area File: BP7127B.028.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 1:49:34 PM
File Reported On: 5/15/2013 at 1:49:39 PM

7051102 RI ACF ABS8312 T 131340008A 10736 SW-846 8082

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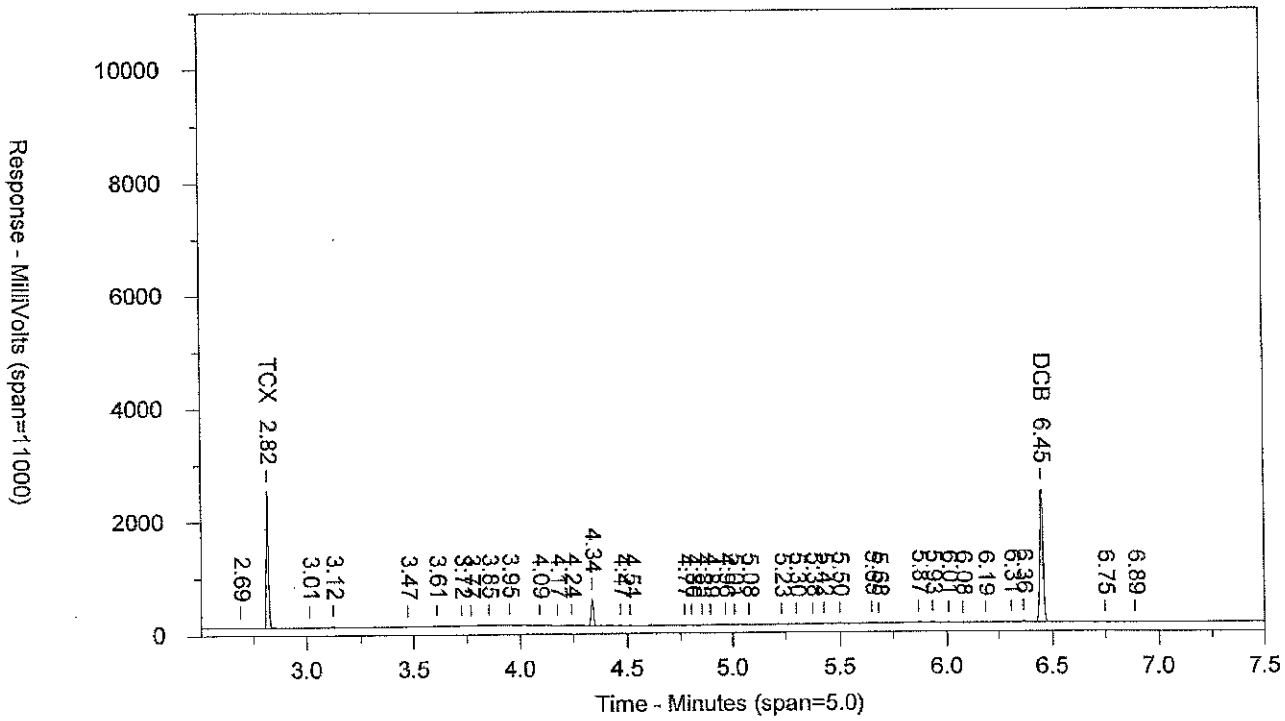

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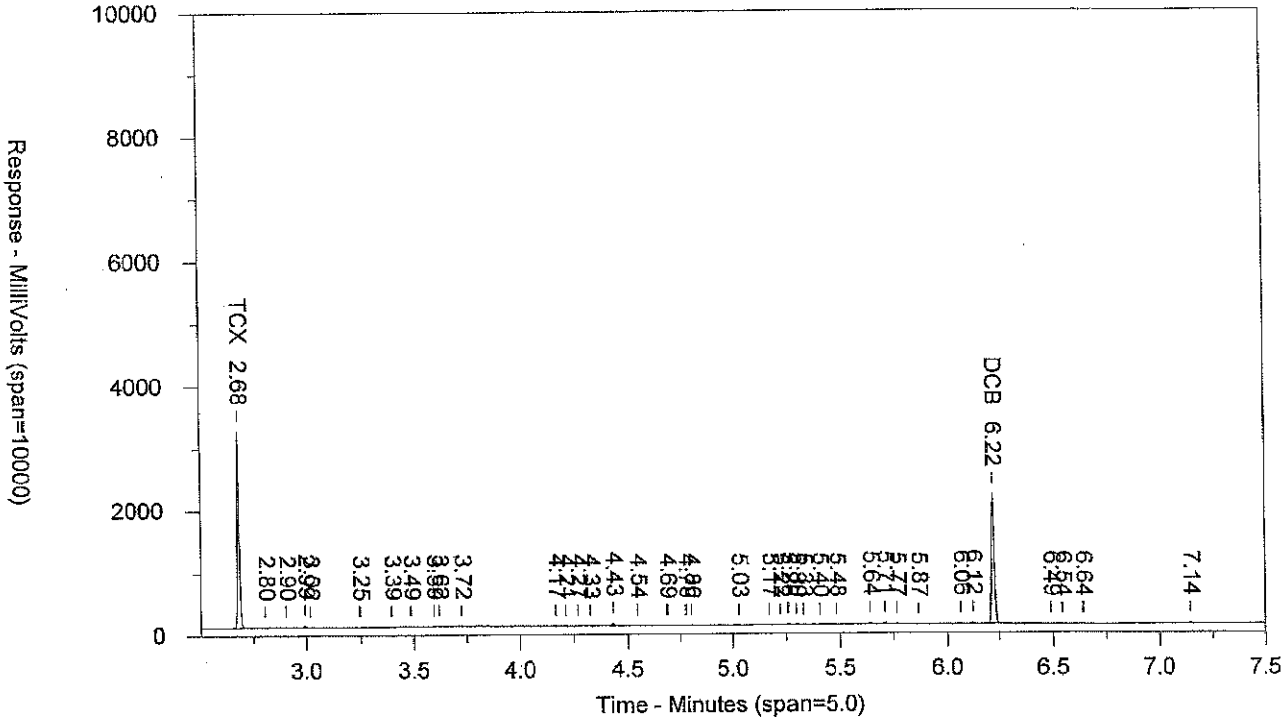

Data Summary

Sample Name: 7051103 RI ACF S8314 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 22:43:04
Instrument 19843A
Result file CP7127.007.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 107% (41 - 146) Conc: 10.793347
%SSR(DCB) 124% (39 - 151) Conc: 12.624964

Analysis Report (B)

Injected on May 15, 2013 22:43:04
Instrument 19843B
Result file CP7127B.007.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 110% (41 - 146) Conc: 11.041438
%SSR(DCB) 131% (39 - 151) Conc: 13.279881

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2598466	10.793347	Tetrachloro-m-xylene	2.66	2.68	2.70	3342606	11.041438
Decachlorobiphenyl	6.43	6.45	6.47	2534433	12.624964	Decachlorobiphenyl	6.21	6.22	6.24	2199263	13.279881

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	11.041438				2.27	
✓	Decachlorobiphenyl	B	13.279881				5.06	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260			<17	<4.9			4	40	
	Aroclor-1262			<17	<3.3			4	40	
	Aroclor-1268			<17	<3.3			4	40	
	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: Monica M. Souders Chemist
MAY 16 2013

Verified by:
Date:
MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051103** RI ACF S8314 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 22:43:04
Instrument : CP 7--19843A
Result file : cp7127.007.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

LMB2

%SSR(TCX) : 107% (41-146) Conc.: 10.793347
%SSR(DCB) : 124% (39-151) Conc.: 12.624964

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.59	3.60	3.63	1667.287231	0.255497			4
Height Summation:			**1667.287231**				
Amount Avg CF:			**0.255497**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3544.434326	2.222913			2
Height Summation:			**3544.434326**				
Amount Avg CF:			**2.222913**	Linear:			
Aroclor-1232					1		
3.59	3.60	3.63	1667.287231	0.507004			4
Height Summation:			**1667.287231**				
Amount Avg CF:			**0.507004**	Linear:			
Aroclor-1242					1		
3.59	3.60	3.63	1667.287231	0.309569			4
Height Summation:			**1667.287231**				
Amount Avg CF:			**0.309569**	Linear:			
Aroclor-1248					2	4.87	
3.71	3.74	3.75	3503.046143	0.596616			1
4.22	4.24	4.26	3642.128906	0.639202			5
Height Summation:			**7145.175049**				
Amount Avg CF:			**0.617909**	Linear:			
Aroclor-1254					3	27.13	
4.22	4.24	4.26	3642.128906	0.337873			1
4.87	4.89	4.91	4540.791504	0.529862			5
4.99	5.01	5.03	3819.611572	0.342685			6
Height Summation:			**12002.531982**				
Amount Avg CF:			**0.403473**	Linear:			
Aroclor-1260					6	49.98	
4.59	4.61	4.63	1989.443237	0.179569			1
4.79	4.81	4.82	6586.572266	0.502656			2
4.99	5.01	5.03	3819.611572	0.267191			3
5.22	5.23	5.26	3558.081787	0.379618			4
5.46	5.50	5.50	13610.283203	0.560284			5
5.67	5.69	5.71	2156.174561	0.148809			6
Height Summation:			**31720.166626**				
Amount Avg CF:			**0.339688**	Linear:			
Aroclor-1262					6	40.80	
5.06	5.08	5.10	6718.769043	0.48802			1
5.22	5.23	5.26	3558.081787	0.293272			2
5.46	5.50	5.50	13610.283203	0.4762			3
5.66	5.69	5.70	2156.174561	0.117024			4
5.72	5.72	5.76	3634.337891	0.430599			5
6.09	6.11	6.13	2920.281494	0.295187			6
Height Summation:			**32597.927979**				
Amount Avg CF:			**0.35005**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 22:43:04
Instrument : CP 7--19843B
Result file : cp7127B.007.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 110% (41-146) Conc.: 11.041438
%SSR(DCB) : 131% (39-151) Conc.: 13.279881

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	14.52	
3.28	3.30	3.32	2100.843994	0.332786			2
3.60	3.62	3.64	1356.315796	0.270812			6
+ 3.60	3.64	3.64	5072.365234	1.012784			6
Height Summation:			**3457.159790**				
Amount Avg CF:			**0.301799**	Linear:			
Aroclor-1221					2	45.74	
2.83	2.85	2.87	3939.49707	1.291012			1
2.90	2.90	2.94	5481.982422	2.525189			2
Height Summation:			**9421.479492**				
Amount Avg CF:			**1.908101**	Linear:			
Aroclor-1232					2	1.14	
3.28	3.30	3.32	2100.843994	0.674918			2
3.60	3.62	3.64	1356.315796	0.664079			6
Height Summation:			**3457.159790**				
Amount Avg CF:			**0.669499**	Linear:			
Aroclor-1242					2	9.88	
3.28	3.30	3.32	2100.843994	0.413916			2
3.60	3.62	3.64	1356.315796	0.359878			6
Height Summation:			**3457.159790**				
Amount Avg CF:			**0.386897**	Linear:			
Aroclor-1248					5	95.29	
3.58	3.60	3.62	1746.189209	0.255989			1
+ 3.58	3.62	3.62	1356.315796	0.198834			1
3.71	3.72	3.75	3317.188965	0.389142			2
3.81	3.82	3.85	1116.472656	0.191203			3
3.94	3.96	3.98	3941.617188	0.343514			4
4.31	4.33	4.35	7285.763672	1.366334			6
Height Summation:			**17407.231690**				
Amount Avg CF:			**0.509236**	Linear:			
Aroclor-1254					3	51.06	
4.31	4.33	4.35	7285.763672	0.475597			3
4.70	4.74	4.74	5791.568359	0.78149			5
4.78	4.80	4.82	2968.406738	0.266033			6
Height Summation:			**16045.738769**				
Amount Avg CF:			**0.507707**	Linear:			
Aroclor-1260					6	50.58	
4.55	4.56	4.59	3412.515869	0.268087			1
4.65	4.67	4.69	1643.089844	0.139857			2
+ 4.65	4.69	4.69	3352.259033	0.285338			2
4.78	4.80	4.82	2968.406738	0.263713			3
5.01	5.03	5.05	6100.175781	0.608116			4
5.20	5.22	5.24	5573.209961	0.259677			5
5.47	5.49	5.51	6471.558594	0.44557			6
Height Summation:			**26168.956787**				
Amount Avg CF:			**0.330837**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051103** RI ACF S8314 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 22:43:04
Instrument : CP 7--19843A
Result file : cp7127.007.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**169.50**	
5.66	5.69	5.70	2156.174561	0.06314			1
5.72	5.72	5.76	3634.337891	0.130013			2
5.85	5.87	5.89	33184.414063	1.293982			3
5.92	5.94	5.95	39216.378906	5.616007			4
6.09	6.11	6.13	2920.281494	0.2864			5
6.29	6.31	6.33	23722.761719	0.294611			6

Height Summation: **104834.348634**
Amount Avg CF: **1.280692** Linear:

Analysis Report (B)

Injected on : MAY 15, 2013 22:43:04
Instrument : CP 7--19843B
Result file : cp7127B.007.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**44.52**	
4.82	4.83	4.86	1708.140991	0.131362			1
5.01	5.03	5.05	6100.175781	0.452414			2
5.21	5.22	5.24	5573.209961	0.212134			3
5.42	5.44	5.46	1854.584717	0.180893			4
5.47	5.49	5.51	6471.558594	0.35514			5
5.85	5.86	5.89	3368.147217	0.367713			6

Height Summation: **25075.817261**
Amount Avg CF: **0.283276** Linear:

Aroclor-1268					**6**	**165.61**	
5.42	5.44	5.46	1854.584717	0.062381			1
5.47	5.49	5.51	6471.558594	0.22059			2
5.62	5.64	5.66	33246.941406	1.390302			3
5.69	5.71	5.73	36548.769531	6.004738			4
5.85	5.86	5.89	3368.147217	0.341961			5
6.05	6.06	6.09	23003.511719	0.340317			6

Height Summation: **104493.513184**
Amount Avg CF: **1.393382** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		16.62	4	40	
Aroclor-1221			17	4.6		15.24	3	40	
Aroclor-1232			17	8		27.62	4	40	
Aroclor-1242			17	3.3		22.21	4	40	
Aroclor-1248			17	3.3		19.28	4	40	
Aroclor-1254			17	3.3		22.88	4	40	
Aroclor-1260			17	4.9		2.64	4	40	
Aroclor-1262			17	3.3		21.09	4	40	
Aroclor-1268			17	3.3		8.43	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051103 RI ACF ABS8314 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 10:43:03 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.007.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.632		1182	1637
1.704		1120	1274
1.856		984	1036
1.888		4688	3790
1.992		7857	15061
2.027		9783	18026
2.115		4225	3004
2.18		1265	942
2.213		25618	21006
2.269		1847	2684
2.338		3189	2621
2.366		2391	3298
2.471		2357	2633
2.613		1243	1406
2.738		2856	2373
2.816	TCX	2598466	1654615
3.013		3544	2334
3.098		1730	1403
3.221		1808	2302
3.434		2873	2707
3.602		1667	2666
3.741		3503	7079
4.058		4148	6574
4.2		3127	9069
4.24		3642	5488
4.345		3571	3410
4.391		4015	5235
4.53		1182	1804
4.609		1989	1526
4.732		9186	13787
4.806		6587	22350
4.894		4541	4770
4.964		4095	4349
5.009		3820	3969
5.079		6719	10955
5.231		3558	7975
5.296		5395	5850
5.375		2754	2553
5.421		5324	7510
5.499		13610	20579
5.594		1158	2213
5.646		5555	5616
5.685		2156	1711
5.723		3634	4434
5.834		2280	2127
5.872		33184	34265
5.936		39216	45880
6.009		19561	20786
6.072		2246	4317
6.112		2920	3667
6.167		2894	6389
6.229		3230	5344
6.275		1438	1538

RT A	Compound A	Height A	Area A
6.31		23723	22352
6.366		154111	178431
6.452	DCB	2534433	2520072
6.535		5384	6838
6.592		2801	4511
6.751		10247	14413
6.89		13662	16783
6.997		6573	11349
7.048		3246	6039
7.153		4229	5596
7.536		46003	71143
8.366		2045	3775

LANCASTER LABORATORIES

Sample Number: 7051103 RI ACF ABS8314 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 10:43:03 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.007.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.688		1484	1302
1.723		1428	1968
1.839		5664	7747
1.923		8420	6571
1.969		33097	26825
2.056		8731	16261
2.11		5085	3950
2.207		6957	6378
2.243		2576	1693
2.263		1837	1348
2.297		1772	2586
2.373		1779	2065
2.428		1332	2036
2.537		4329	3838
2.622		2710	2292
2.68	TCX	3342606	2112009
2.802		2374	2213
2.848		3939	3006
2.9		5482	3147
2.991		2294	1361
3.017		3232	2203
3.13		4164	3776
3.245		2949	2540
3.298		2101	2593
3.348		1249	1360
3.393		6093	5224
3.597		1746	1487
3.618		1356	847
3.644		5072	5046
3.724		3317	5036
3.821		1116	8787
3.902		4808	4271
3.926		5435	5180
3.96		3942	3680
4.168		6567	8286
4.329		7286	36670
4.424		1920	2322
4.447		4204	4744
4.519		842	513
4.562		3413	2598
4.669		1643	1178
4.687		3352	2198
4.739		5792	7977
4.775		3654	2650
4.802		2968	2541
4.834		1708	1133
4.937		7429	7690
5.029		6100	9301
5.1		1361	1484
5.171		5306	6318
5.222		5573	5062
5.27		1076	980
5.298		12770	10342
5.328		2734	4439

5.405		5873	5570
5.44		1855	2683
5.487		6472	10362
5.64		33247	33256
5.709		36549	33067
5.766		13821	13355
5.864		3368	7111
5.988		1548	940
6.064		23004	19412
6.125		113032	110051
6.159		3893	2751
6.224	DCB	2199263	1961029
6.29		2361	3166
6.341		1419	1972
6.393		1139	1557
6.434		1471	2661
6.488		9630	10279
6.543		2960	2791
6.641		13703	17402
6.819		1466	1724
6.858		4519	4456
7.052		1218	1601
7.146		39727	46913
8.467		1356	2328

7051103 RI ACF ABS8314 T 131340008A 10736 SW-846 8082

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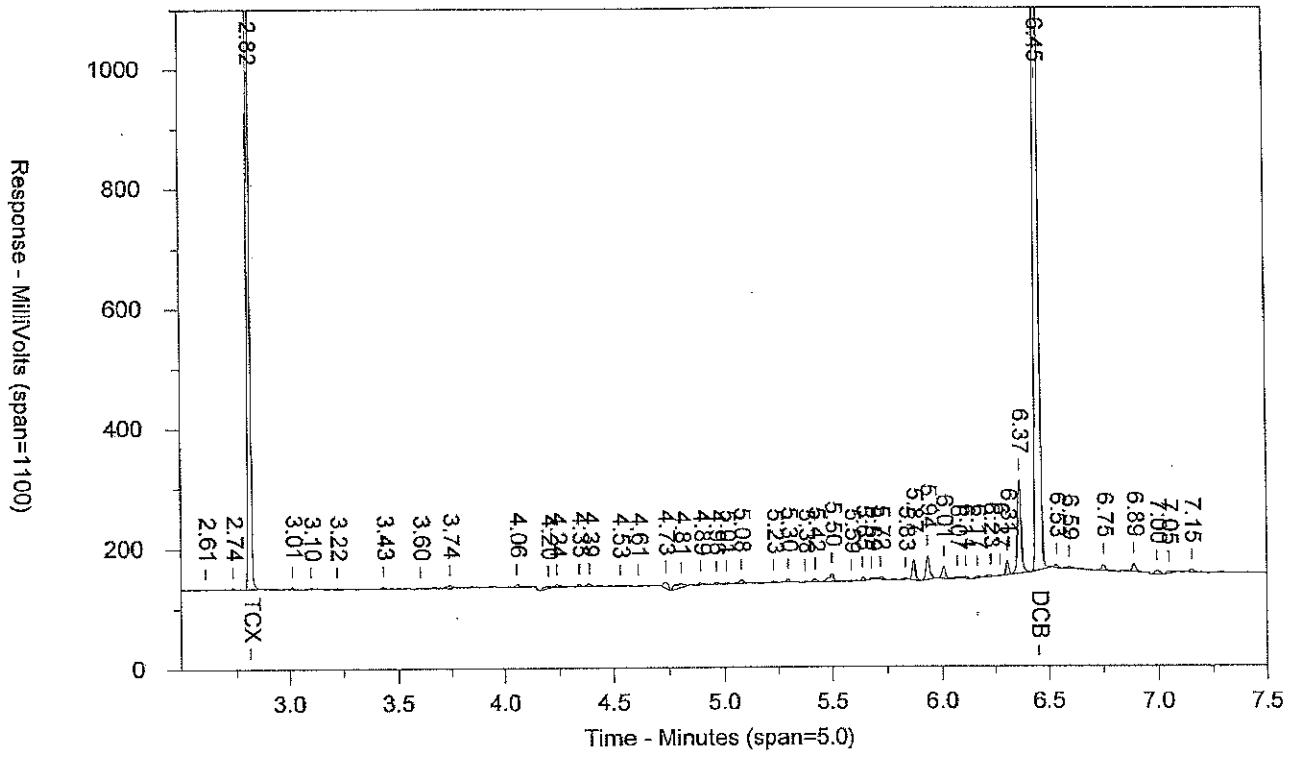

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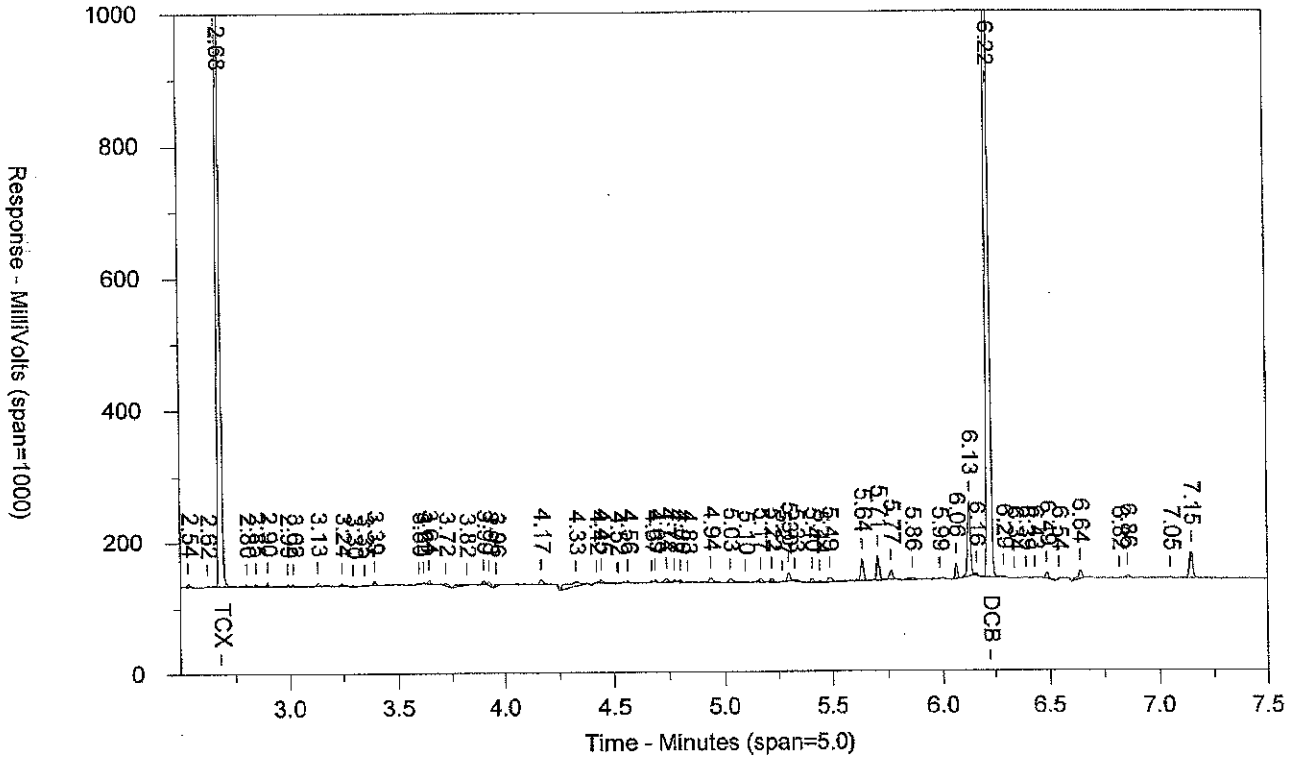

LANCASTER LABORATORIES

Sample Number: 7051103 RI ACF ABS8314 T 131340008A 10736 Sample Weight: 30V-846 8082
Injected On: 5/15/2013 10:43:03 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	2598466	10.793	TCX	2.68	3342606	11.041	TCX
6.452	2534433	12.625	DCB	6.224	2199263	13.28	DCB

Files:
Area File: cp7127.007.RAW
Area File: cp7127B.007.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 10:51:47 PM
File Reported On: 5/15/2013 at 10:51:56 PM

7051103 RI ACF ABS8314 T 131340008A 10736 SW-846 8082

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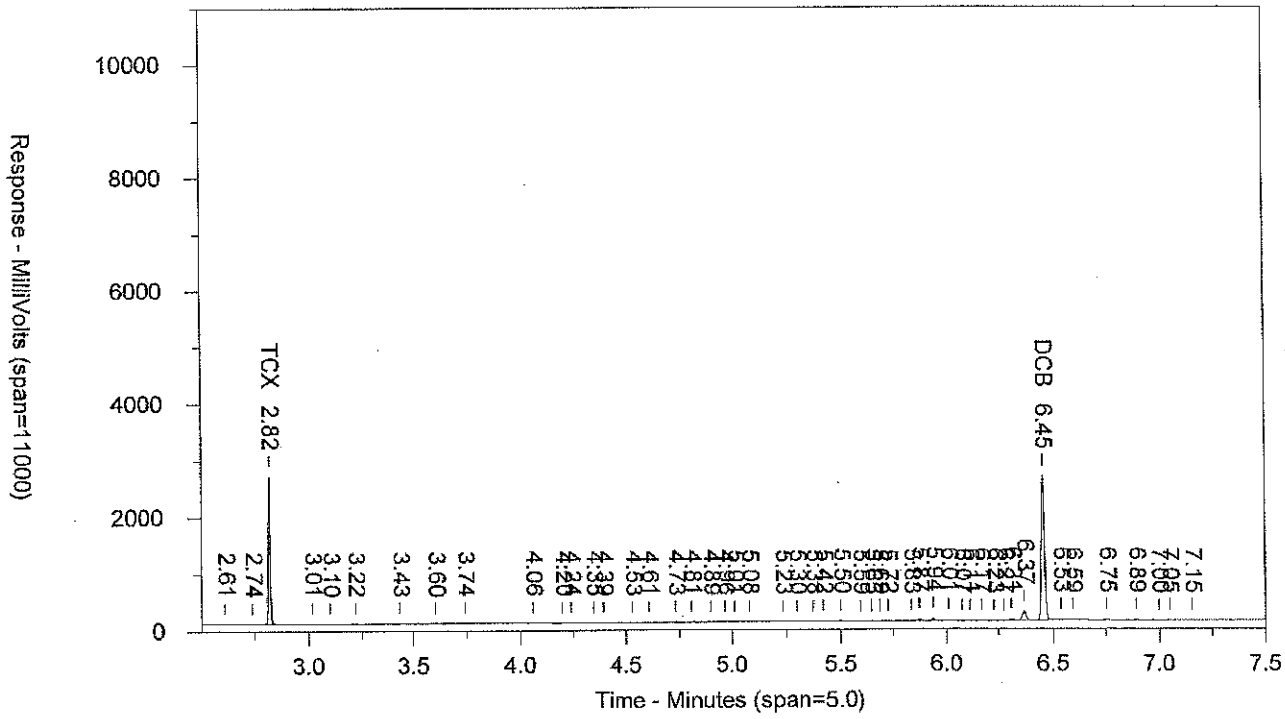

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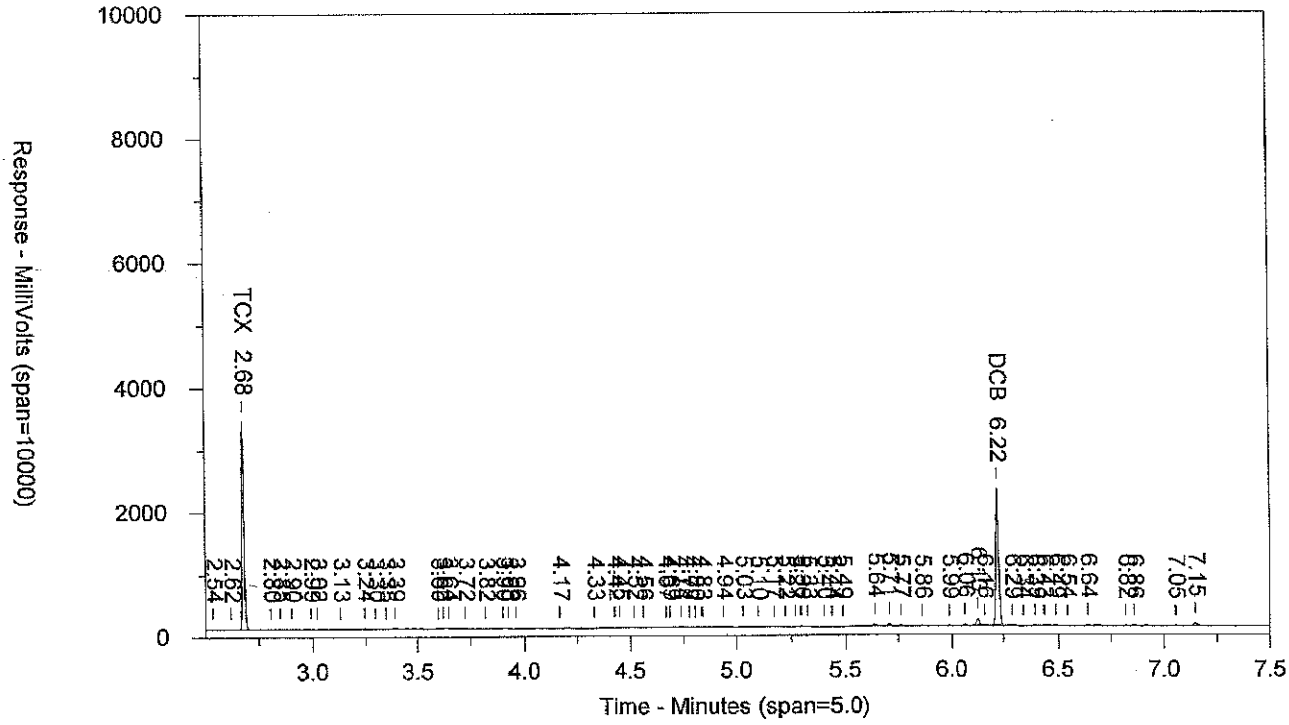

Data Summary

Sample Name: 7051104R RI ACF S8316 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 21, 2013 13:14:12
Instrument 19843A
Result file HP7127.037.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 59% (41 - 146) Conc: 5.97735
%SSR(DCB) 68% (39 - 151) Conc: 6.927951

Analysis Report (B)

Injected on May 21, 2013 13:14:12
Instrument 19843B
Result file HP7127B.037.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 63% (41 - 146) Conc: 6.359088
%SSR(DCB) 70% (39 - 151) Conc: 7.096415

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	1439029	5.97735	Tetrachloro-m-xylene	2.66	2.68	2.70	1925105	6.359088
Decachlorobiphenyl	6.43	6.45	6.47	1390771	6.927951	Decachlorobiphenyl	6.21	6.22	6.24	1175228	7.096415

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	6.359088				6.19	
✓ Decachlorobiphenyl	B	7.096415				2.40	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260			<17	<4.9			4	40	
☐ Aroclor-1262			<17	<3.3			4	40	
☐ Aroclor-1268			<17	<3.3			4	40	
☐ Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders, Chemist
Date: MAY 21 2013

Verified by: Valerie L. Tomaylo, Analytical Specialist
Date: MAY 21 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 7051104R RI ACF S8316 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 13:14:12
Instrument : CP 7--19843A
Result file : Hp7127.037.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 59% (41-146) Conc.: 5.97735
%SSR(DCB) : 68% (39-151) Conc.: 6.927951

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	43.09	
+ 3.05	3.06	3.09	108089.42968	26.683317			1
3.05	3.08	3.09	2973.428467	0.73403			1
3.38	3.41	3.42	960.667053	0.184083			2
3.55	3.57	3.59	1631.199463	0.317637			3
3.59	3.62	3.63	2877.349121	0.440929			4
3.64	3.67	3.68	3410.64209	0.602974			5
3.83	3.85	3.87	2800.982422	0.635732			6
Height Summation:			**14654.268616**				
Amount Avg CF:			**0.485898**	Linear:			
Aroclor-1221					3	53.87	
2.95	2.98	2.99	3540.079834	1.799644			1
3.01	3.01	3.05	1778.308838	1.115277			2
+ 3.05	3.06	3.09	108089.42968	20.187708			3
3.05	3.08	3.09	2973.428467	0.555343			3
Height Summation:			**8291.817139**				
Amount Avg CF:			**1.156755**	Linear:			
Aroclor-1232					6	47.79	
+ 3.05	3.06	3.09	108089.42968	22.586674			1
3.05	3.08	3.09	2973.428467	0.621336			1
3.38	3.41	3.42	960.667053	0.370506			2
3.55	3.57	3.59	1631.199463	0.656508			3
3.59	3.62	3.63	2877.349121	0.87497			4
3.64	3.67	3.68	3410.64209	1.307864			5
3.83	3.85	3.87	2800.982422	1.450313			6
Height Summation:			**14654.268616**				
Amount Avg CF:			**0.88025**	Linear:			
Aroclor-1242					6	43.23	
+ 3.05	3.06	3.09	108089.42968	31.852653			1
3.05	3.08	3.09	2973.428467	0.876234			1
3.38	3.41	3.42	960.667053	0.233868			2
3.55	3.57	3.59	1631.199463	0.378573			3
3.59	3.62	3.63	2877.349121	0.534243			4
3.64	3.67	3.68	3410.64209	0.791226			5
3.83	3.85	3.87	2800.982422	0.794233			6
Height Summation:			**14654.268616**				
Amount Avg CF:			**0.601396**	Linear:			
Aroclor-1248					3	8.93	
3.83	3.85	3.87	2800.982422	0.40611			2
4.22	4.24	4.26	2208.613281	0.387617			5
4.47	4.49	4.51	1720.578613	0.340641			6
Height Summation:			**6730.174316**				
Amount Avg CF:			**0.378123**	Linear:			
Aroclor-1254					5	168.39	
4.22	4.24	4.26	2208.613281	0.204888			1
4.47	4.49	4.51	1720.578613	0.109699			3
4.68	4.70	4.72	204790.59375	19.199227			4
4.87	4.90	4.91	19207.824219	2.24135			5
4.99	5.02	5.03	25937.369141	2.327032			6
Height Summation:			**253864.979004**				
Amount Avg CF:			**4.816439**	Linear:			

Lmol

Analysis Report (B)

Injected on : MAY 21, 2013 13:14:12
Instrument : CP 7--19843B
Result file : Hp7127B.037.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 63% (41-146) Conc.: 6.359088
%SSR(DCB) : 70% (39-151) Conc.: 7.096415

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					5	44.24	
2.95	2.97	2.99	5088.961426	0.939996			1
3.44	3.46	3.48	3915.365234	0.607123			3
3.47	3.49	3.51	2841.485352	0.426309			4
3.55	3.55	3.59	7186.305176	1.072431			5
3.60	3.61	3.64	1986.86792	0.396712			6
Height Summation:			**21018.985108**				
Amount Avg CF:			**0.688514**	Linear:			
Aroclor-1221					2	62.98	
2.83	2.85	2.87	5544.797363	1.817085			1
2.95	2.97	2.99	5088.961426	0.697295			3
Height Summation:			**10633.758789**				
Amount Avg CF:			**1.25719**	Linear:			
Aroclor-1232					5	49.00	
2.95	2.97	2.99	5088.961426	0.783004			1
3.44	3.46	3.48	3915.365234	1.381754			3
3.47	3.49	3.51	2841.485352	0.827949			4
3.55	3.55	3.59	7186.305176	2.245934			5
3.60	3.61	3.64	1986.86792	0.97281			6
Height Summation:			**21018.985108**				
Amount Avg CF:			**1.24229**	Linear:			
Aroclor-1242					5	42.25	
2.95	2.97	2.99	5088.961426	1.115615			1
3.44	3.46	3.48	3915.365234	0.767888			3
3.47	3.49	3.51	2841.485352	0.509308			4
3.55	3.55	3.59	7186.305176	1.312848			5
3.60	3.61	3.64	1986.86792	0.527185			6
Height Summation:			**21018.985108**				
Amount Avg CF:			**0.846569**	Linear:			
Aroclor-1248					5	30.41	
3.58	3.59	3.62	2867.950195	0.420438			1
+ 3.58	3.61	3.62	1986.86792	0.291272			1
3.71	3.72	3.75	4707.104004	0.552194			2
+ 3.81	3.81	3.85	3538.558594	0.606002			3
3.81	3.84	3.85	1718.768311	0.29435			3
3.94	3.96	3.98	7916.45752	0.689923			4
4.08	4.09	4.12	2458.928711	0.471057			5
Height Summation:			**19669.208741**				
Amount Avg CF:			**0.485592**	Linear:			
Aroclor-1254					4	47.70	
4.04	4.06	4.08	3834.281738	0.35116			1
4.25	4.26	4.29	11737.339844	1.316936			2
4.48	4.51	4.52	12454.013672	1.252098			4
4.78	4.80	4.82	17734.902344	1.589426			6
Height Summation:			**45760.537598**				
Amount Avg CF:			**1.127405**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 7051104R RI ACF S8316 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 13:14:12
Instrument : CP 7–19843A
Result file : Hp7127.037.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**5**	**75.51**	
4.59	4.61	4.63	6723.337402	0.606854			1
4.79	4.81	4.82	3821.55249	0.291643			2
4.99	5.02	5.03	25937.369141	1.814383			3
5.46	5.48	5.50	16705.212891	0.68769			5
5.67	5.69	5.71	7677.995605	0.5299			6
Height Summation:			**60865.467529**				
Amount Avg CF:			**0.786094**	Linear:			
Aroclor-1262					**5**	**79.16**	
5.06	5.09	5.10	6245.340332	0.453632			1
5.46	5.48	5.50	16705.212891	0.584486			3
5.66	5.69	5.70	7677.995605	0.416714			4
5.72	5.73	5.76	19541.292969	2.315264			5
6.09	6.13	6.13	14424.786133	1.458083			6
Height Summation:			**64594.627930**				
Amount Avg CF:			**1.045636**	Linear:			
Aroclor-1268					**6**	**183.17**	
5.66	5.69	5.70	7677.995605	0.224839			1
5.72	5.73	5.76	19541.292969	0.699059			2
5.85	5.87	5.89	12034.256836	0.46926			3
5.92	5.95	5.95	75871.148438	10.865177			4
6.09	6.13	6.13	14424.786133	1.414679			5
6.29	6.31	6.33	11854.757813	0.147223			6
Height Summation:			**141404.237794**				
Amount Avg CF:			**2.303373**	Linear:			

Analysis Report (B)

Injected on : MAY 21, 2013 13:14:12
Instrument : CP 7–19843B
Result file : Hp7127B.037.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**87.08**	
4.55	4.56	4.59	5594.99707	0.439543			1
4.65	4.67	4.69	7535.674805	0.641423			2
4.78	4.80	4.82	17734.902344	1.575567			3
5.01	5.02	5.05	39724.875	3.960107			4
5.20	5.22	5.24	11544.183594	0.537887			5
5.47	5.48	5.51	43136.050781	2.969936			6
Height Summation:			**125270.683594**				
Amount Avg CF:			**1.687411**	Linear:			
Aroclor-1262					**6**	**81.16**	
4.82	4.83	4.86	9021.842773	0.693812			1
5.01	5.02	5.05	39724.875	2.946158			2
5.21	5.22	5.24	11544.183594	0.439409			3
5.42	5.44	5.46	3835.687012	0.374126			4
5.47	5.48	5.51	43136.050781	2.367181			5
5.85	5.85	5.89	32847.820313	3.586116			6
Height Summation:			**140110.459473**				
Amount Avg CF:			**1.734467**	Linear:			
Aroclor-1268					**6**	**92.15**	
5.42	5.44	5.46	3835.687012	0.129018			1
5.47	5.48	5.51	43136.050781	1.470339			2
5.62	5.64	5.66	25336.224609	1.059496			3
5.69	5.71	5.73	7165.699219	1.17728			4
5.85	5.85	5.89	32847.820313	3.334975			5
6.05	6.07	6.09	20532.246094	0.303757			6
+ 6.05	6.09	6.09	15680.992188	0.231987			6
Height Summation:			**132853.728028**				
Amount Avg CF:			**1.245811**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		34.51	4	40	
Aroclor-1221			17	4.6		8.32	3	40	
Aroclor-1232			17	8		34.11	4	40	
Aroclor-1242			17	3.3		33.86	4	40	
Aroclor-1248			17	3.3		24.89	4	40	
Aroclor-1254			17	3.3		** 124.13	4	40	
Aroclor-1260			17	4.9		** 72.88	4	40	
Aroclor-1262			17	3.3		** 49.55	4	40	
Aroclor-1268			17	3.3		** 59.59	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051104R RI ACF ABS8316 T 131400005A 10736 Injection Volume: SW846 8082
Injected On: 5/21/2013 1:14:12 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127(1).037.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.518		4039	3254
1.546		1827	1822
1.576		10238	9979
1.623		1534	1577
1.652		28857	18570
1.702		3902	3508
1.762		10424	11408
1.83		1634	3085
1.87		1878	1534
1.905		16969	11382
2.019		31735	42201
2.129		10023	13570
2.18		6425	5681
2.214		10417	9932
2.25		9057	6849
2.27		6943	4918
2.329		3394	2466
2.385		25682	19241
2.433		3583	3725
2.457		7184	4782
2.476		143447	87737
2.549		219957	143747
2.572		5293	4364
2.651		14642	11218
2.692		2442	1850
2.726		3659	3450
2.815	TCX	1439029	940448
2.931		4378	2625
2.946		4204	2496
2.98		3540	3029
3.014		1778	904
3.057		108089	63368
3.085		2973	1466
3.123		3711	2358
3.146		2723	1943
3.229		7306	6251
3.337		21426	15102
3.409		961	845
3.432		2847	1506
3.459		2015	2163
3.575		1631	2132
3.619		2877	3293
3.667		3411	3332
3.708		5077	3177
3.755		3493	3823
3.789		2539	3185
3.85		2801	2672
3.887		3817	2281
3.993		1778	1591
4.072		12870	16498
4.136		3337	5129
4.181		1997	1513
4.243		2209	1752

RT A	Compound A	Height A	Area A
4.262		5426	4147
4.292		7078	6021
4.341		101909	70830
4.38		11529	12511
4.459		13271	12626
4.492		1721	1336
4.52		6921	4923
4.57		12222	16793
4.609		6723	5736
4.697		204791	198425
4.781		6235	6058
4.808		3822	5512
4.854		5103	7422
4.898		19208	20758
4.935		17163	15080
4.965		5190	5525
5.024		25937	53618
5.088		6245	7172
5.122		10358	8740
5.152		32638	39072
5.21		9349	11806
5.264		1431	871
5.29		8577	8055
5.35		34467	45152
5.399		1424	1147
5.48		16705	41955
5.526		3739	3233
5.584		2533	3624
5.626		3043	2498
5.655		18268	19615
5.686		7678	7392
5.731		19541	17828
5.798		1387	1078
5.846		12212	9928
5.874		12034	14058
5.952		75871	99873
5.988		4124	2934
6.009		4734	5304
6.083		3260	5546
6.128		14425	15119
6.155		7441	5538
6.178		10639	9808
6.235		3694	3205
6.266		1904	1805
6.312		11855	11149
6.369		68452	73130
6.454	DCB	1390771	1359372
6.508		103011	105546
6.589		7142	8679
6.615		4784	3836
6.66		9065	7904
6.708		2567	2559
6.739		3351	3522
6.772		8406	11932
6.882		14847	59982
6.965		3743	4219
7.001		66400	78852
7.049		61114	76440
7.096		9486	11609
7.156		42881	105296
7.292		8016	28318
7.361		2089	2102
7.487		13803	28281
7.538		2897	5248
7.636		5640	16310
7.724		5809	8039

RT A	Compound A	Height A	Area A
7.786		7879	11134
7.833		2939	7799
8.319		2959	5102

LANCASTER LABORATORIES

Sample Number: 7051104R RI ACF ABS8316 T 131400005A 10736 Injection Volume: 1 ulSW-846 8082
Injected On: 5/21/2013 1:14:12 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.037.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.524		13203	14149
1.569		3783	5296
1.646		1817	2642
1.713		26351	18055
1.805		26427	24849
1.846		5800	7469
1.885		5389	6911
1.924		8606	12872
1.956		29211	38891
2.025		12942	9946
2.045		11813	9401
2.076		11803	9010
2.105		3179	5912
2.183		7992	5724
2.204		13697	8197
2.236		5735	5262
2.265		3919	2852
2.294		6439	5904
2.318		5053	2806
2.342		31594	19768
2.426		4321	5064
2.482		212424	137847
2.541		88713	51582
2.595		19554	11113
2.632		2895	3506
2.68	TCX	1925105	1203794
2.746		26353	15777
2.823		4054	2337
2.851		5545	3247
2.884		5075	5209
2.967		5089	2999
2.991		4777	2681
3.127		68122	37891
3.16		6990	3351
3.244		2329	2255
3.272		5896	3711
3.348		3915	3285
3.398		2809	2700
3.459		3915	5050
3.49		2841	2532
3.522		4233	2798
3.547		7186	4007
3.593		2868	2635
3.614		1987	1436
3.667		2356	1197
3.722		4707	4052
3.773		8412	5964
3.812		3539	2429
3.836		1719	677
3.849		5213	2864
3.925		8453	6985
3.957		7916	5391
3.985		10494	8687
4.035		10155	6743

4.062		3834	3263
4.094		2459	2866
4.162		5802	4125
4.191		9317	7017
4.216		2688	2027
4.261		11737	9311
4.307		178780	152810
4.388		1917	1110
4.417		30631	49568
4.509		12454	11968
4.541		8550	6979
4.563		5595	3846
4.592		11335	16008
4.669		7536	13486
4.695		10498	9100
4.745		2648	4468
4.774		3524	2203
4.798		17735	15940
4.834		9022	8513
4.886		28828	26232
4.95		15618	21700
5.018		39725	44056
5.056		5810	5165
5.11		4168	4520
5.14		3033	2376
5.167		5604	6340
5.223		11544	9891
5.262		10089	12870
5.303		5818	6376
5.341		9481	7552
5.411		3855	3827
5.437		3836	2869
5.479		43136	57257
5.542		2064	1968
5.568		2751	2457
5.639		25336	23695
5.689		11699	8812
5.709		7166	6101
5.765		12384	22136
5.826		2987	1996
5.852		32848	30607
5.976		2395	6644
6.024		83362	85451
6.065		20532	15152
6.086		15681	10677
6.125		55301	60488
6.181		3025	3386
6.224	DCB	1175228	1079079
6.28		6789	4936
6.306		3597	5819
6.347		3809	3331
6.393		4334	7158
6.436		4751	3635
6.459		5216	3911
6.493		11345	10416
6.527		49752	59124
6.576		6329	9712
6.617		5359	4217
6.669		4102	8207
6.699		3791	3472
6.758		8197	19058
6.789		7269	5153
6.861		36492	52707
6.918		50697	49693
6.962		1915	2905
7.015		7298	9923
7.162		3896	5413

7.319	2137	4823
7.377	1363	1836
7.433	1969	3782
7.681	4517	5927
7.746	2886	3944
7.91	2725	3716
8.351	1586	2894

7051104R RI ACF ABS8316 T 131400005A 10736 SW-846 8082

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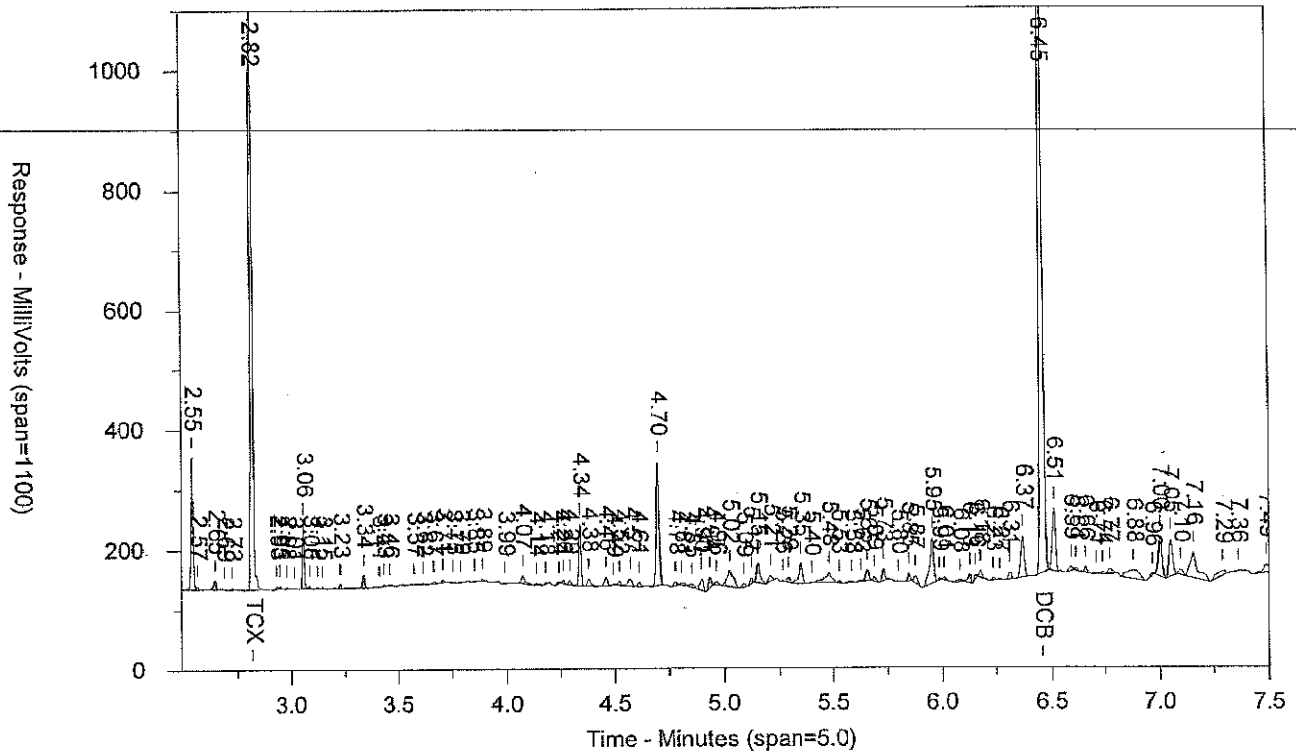

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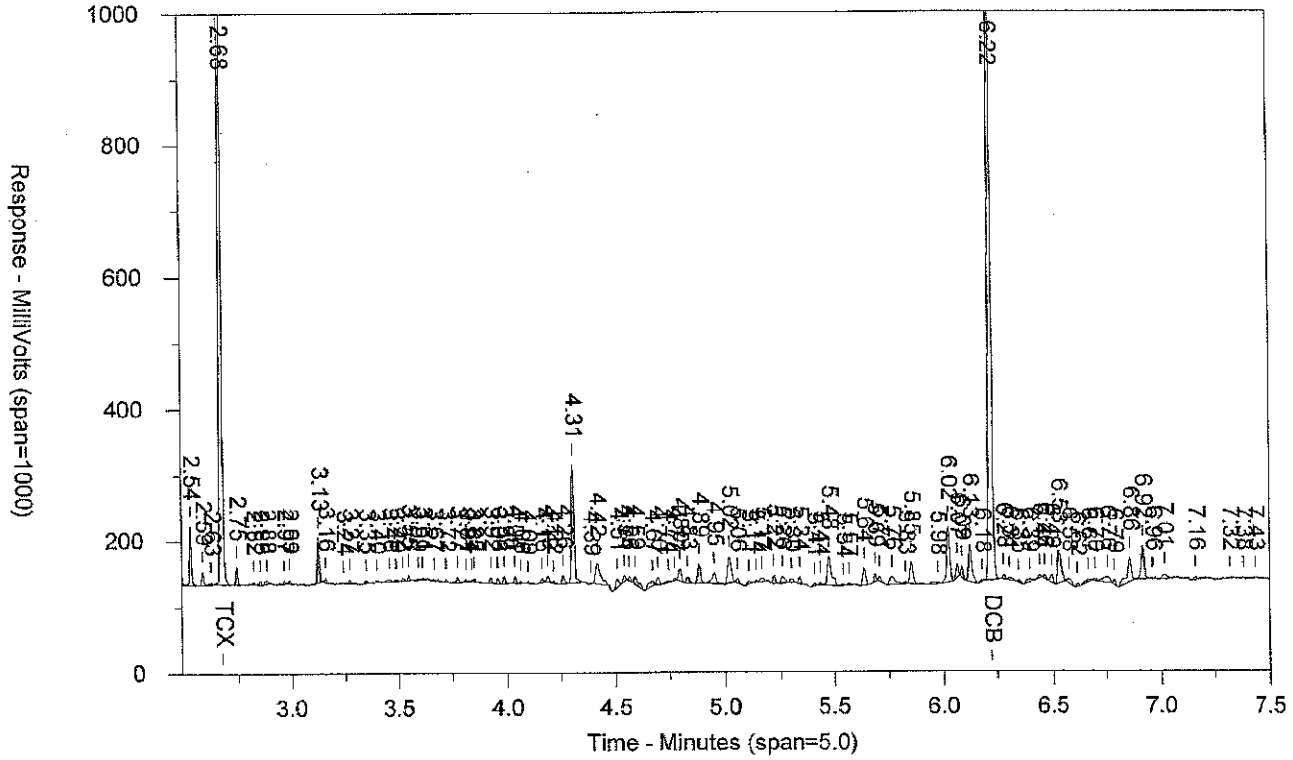

LANCASTER LABORATORIES

Sample Number: 7051104R RI ACF ABS8316 T 131400005A 10736 Sample Weight: 39W-846 8082
Injected On: 5/21/2013 1:14:12 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1439029	5.977	TCX	2.68	1925105	6.359	TCX
6.454	1390771	6.928	DCB	6.224	1175228	7.096	DCB

Files:
Area File: Hp7127(1).037.RAW
Area File: Hp7127B.037.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 1:28:31 PM
File Reported On: 5/21/2013 at 1:28:38 PM

7051104R RI ACF ABS8316 T 131400005A 10736 SW-846 8082

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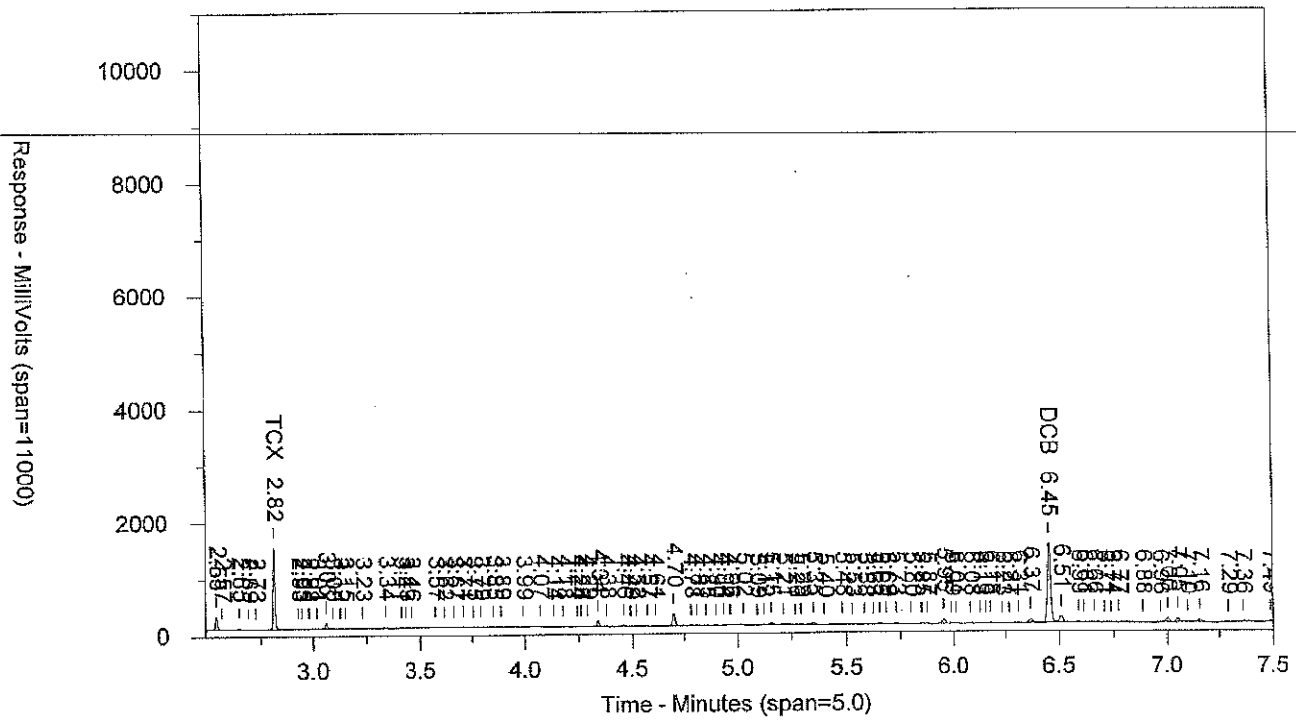

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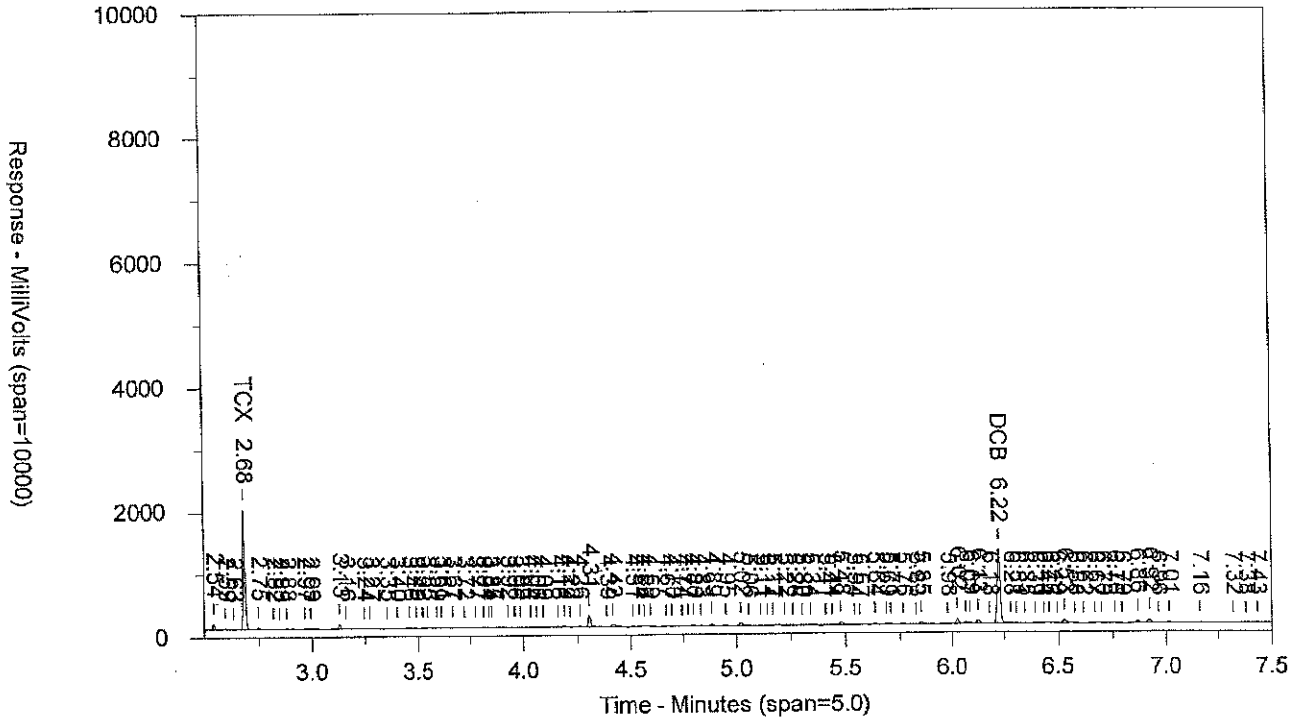

Data Summary

Sample Name: 7051105 ACF DF50 S8406 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 14:49:09
Instrument 19843A
Result file BP7127.034.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 79% (41 - 146) Conc: 7.975418
%SSR(DCB) 136% (39 - 151) Conc: 13.785231

Analysis Report (B)

Injected on May 15, 2013 14:49:09
Instrument 19843B
Result file BP7127B.034.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 89% (41 - 146) Conc: 8.986894
%SSR(DCB) 148% (39 - 151) Conc: 15.003541

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.81	2.84	38401	7.975418	Tetrachloro-m-xylene	2.66	2.68	2.70	54413	8.986894
Decachlorobiphenyl	6.43	6.45	6.47	55347	13.785231	Decachlorobiphenyl	6.21	6.22	6.24	49694	15.003541

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☑	Tetrachloro-m-xylene	B	8.986894				11.93	
☑	Decachlorobiphenyl	B	15.003541				8.46	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.59	4.61	4.63	488201.75	2203.275102			1
4.79	4.80	4.82	793661	3028.422553			2
4.99	5.01	5.03	1218814.375	4262.954062			3
5.22	5.24	5.26	363064.46875	1936.799369			4
5.46	5.48	5.50	1253372.25	2579.828503			5
5.67	5.68	5.71	787193.25	2716.424038			6
Height summation:			**4904307.09375**				
Concentration		CF:	**2787.950605**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.55	4.56	4.59	837741.25	3290.649035			1
4.65	4.67	4.69	636784.8125	2710.09976			2
4.78	4.80	4.82	1146744.625	5093.832612			3
5.01	5.03	5.05	409979	2043.506345			4
5.20	5.22	5.24	1158370.375	2698.642991			5
5.47	5.48	5.51	831968.3125	2864.068988			6
Height summation:			**5021588.375**				
Concentration		CF:	**3116.799955**	L:			

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑	Aroclor-1016			<850	<180			4	40	
☑	Aroclor-1221			<850	<230			3	40	
☑	Aroclor-1232			<850	<400			4	40	
☑	Aroclor-1242			<850	<165			4	40	
☑	Aroclor-1248			<850	<165			4	40	
☑	Aroclor-1254			<850	<165			4	40	
☑	Aroclor-1260	B	3116.799955	850	245		11.14	4	40	
☐	Aroclor-1262			<850	<165			4	40	
☐	Aroclor-1268			<850	<165			4	40	
☐	Total PCBs	A	3116.799955	850	400		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomayko Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051105** ACF DF50 S8406 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 14:49:09
Instrument : CP 7--19843A
Result file : BP7127.034.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 79% (41-146) Conc.: 7.975418
%SSR(DCB) : 136% (39-151) Conc.: 13.785231

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**67.69**	
3.55	3.57	3.59	3239.049072	31.536398			3
3.59	3.61	3.63	4928.964355	37.766029			4
3.64	3.66	3.68	1457.996216	12.888089			5
3.83	3.85	3.87	6779.319336	76.934261			6
Height Summation:			**16405.328979**				
Amount Avg CF:			**39.781194**	Linear:			
Aroclor-1232					**4**	**73.44**	
3.55	3.57	3.59	3239.049072	65.180932			3
3.59	3.61	3.63	4928.964355	74.942213			4
3.64	3.66	3.68	1457.996216	27.954579			5
3.83	3.85	3.87	6779.319336	175.512269			6
Height Summation:			**16405.328979**				
Amount Avg CF:			**85.897498**	Linear:			
Aroclor-1242					**4**	**68.48**	
3.55	3.57	3.59	3239.049072	37.586353			3
3.59	3.61	3.63	4928.964355	45.758548			4
3.64	3.66	3.68	1457.996216	16.911833			5
3.83	3.85	3.87	6779.319336	96.115568			6
Height Summation:			**16405.328979**				
Amount Avg CF:			**49.093076**	Linear:			
Aroclor-1248					**6**	**165.62**	
3.71	3.73	3.75	9891.512695	84.232935			1
3.83	3.85	3.87	6779.319336	49.146118			2
3.92	3.93	3.96	11842.73632	100.95089			3
4.09	4.11	4.13	48666.75	359.611048			4
4.22	4.24	4.26	184255.1406	1616.860509			5
4.47	4.49	4.51	537084	5316.602573			6
Height Summation:			**798519.458984**				
Amount Avg CF:			**1254.567346**	Linear:			
Aroclor-1254					**6**	**79.95**	
4.22	4.24	4.26	184255.1406	854.648391			1
4.41	4.43	4.45	40903.30078	261.330576			2
+ 4.41	4.44	4.45	18407.21875	117.603445			2
4.47	4.49	4.51	537084	1712.148566			3
4.68	4.70	4.72	524673.4375	2459.42068			4
4.87	4.89	4.91	656148.3125	3828.27849			5
4.99	5.01	5.03	1218814.375	5467.439846			6
Height Summation:			**3161878.566406**				
Amount Avg CF:			**2430.544425**	Linear:			
Aroclor-1260					**6**	**29.35**	
4.59	4.61	4.63	488201.75	2203.275102			1
4.79	4.80	4.82	793661	3028.422553			2
4.99	5.01	5.03	1218814.375	4262.954062			3
5.22	5.24	5.26	363064.4687	1936.799369			4
5.46	5.48	5.50	1253372.25	2579.828503			5
5.67	5.68	5.71	787193.25	2716.424038			6
Height Summation:			**4904307.093750**				
Amount Avg CF:			**2787.950605**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 14:49:09
Instrument : CP 7--19843B
Result file : BP7127B.034.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 89% (41-146) Conc.: 8.986894
%SSR(DCB) : 148% (39-151) Conc.: 15.003541

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**102.32**	
2.95	2.98	2.99	17090.26953	157.839535			1
3.28	3.30	3.32	1318.988892	10.44677			2
3.44	3.45	3.48	4396.964844	34.090057			3
3.47	3.49	3.51	3443.495605	25.831446			4
3.55	3.56	3.59	2837.937744	21.175647			5
3.60	3.62	3.64	7682.430176	76.69643			6
+ 3.60	3.64	3.64	12435.67187	124.149731			6
Height Summation:			**36770.086792**				
Amount Avg CF:			**54.346648**	Linear:			
Aroclor-1221					**2**	**72.23**	
2.83	2.85	2.87	22062.76367	361.509229			1
2.95	2.98	2.99	17090.26953	117.086393			3
Height Summation:			**39153.033203**				
Amount Avg CF:			**239.297811**	Linear:			
Aroclor-1232					**6**	**73.58**	
2.95	2.98	2.99	17090.26953	131.478277			1
3.28	3.30	3.32	1318.988892	21.186943			2
3.44	3.45	3.48	4396.964844	77.585647			3
3.47	3.49	3.51	3443.495605	50.168135			4
3.55	3.56	3.59	2837.937744	44.347004			5
3.60	3.62	3.64	7682.430176	188.073594			6
+ 3.60	3.64	3.64	12435.67187	304.437717			6
Height Summation:			**36770.086792**				
Amount Avg CF:			**85.473267**	Linear:			
Aroclor-1242					**6**	**99.37**	
2.95	2.98	2.99	17090.26953	187.328604			1
3.28	3.30	3.32	1318.988892	12.993595			2
3.44	3.45	3.48	4396.964844	43.11701			3
3.47	3.49	3.51	3443.495605	30.86059			4
3.55	3.56	3.59	2837.937744	25.922779			5
3.60	3.62	3.64	7682.430176	101.92076			6
+ 3.60	3.64	3.64	12435.67187	164.980755			6
Height Summation:			**36770.086792**				
Amount Avg CF:			**67.02389**	Linear:			
Aroclor-1248					**6**	**154.68**	
3.58	3.60	3.62	14241.27148	104.387611			1
3.71	3.73	3.75	9726.578125	57.051665			2
3.81	3.82	3.85	14549.31738	124.583344			3
3.94	3.96	3.98	145683.25	634.818264			4
4.08	4.09	4.12	162689.5625	1558.320903			5
+ 4.08	4.11	4.12	12282.84765	117.651175			5
4.31	4.33	4.35	535323.9375	5019.591919			6
Height Summation:			**882213.916992**				
Amount Avg CF:			**1249.792284**	Linear:			
Aroclor-1254					**6**	**69.11**	
4.04	4.06	4.08	209832.625	960.869077			1
4.25	4.27	4.29	121351.0859	680.783104			2
4.31	4.33	4.35	535323.9375	1747.234217			3
4.48	4.49	4.52	518038.9375	2604.12221			4
4.70	4.72	4.74	478837.4062	3230.615911			5
4.78	4.80	4.82	1146744.625	5138.640959			6
Height Summation:			**3010128.617188**				
Amount Avg CF:			**2393.710913**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051105** ACF DF50 S8406 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 500 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 14:49:09
Instrument : CP 7--19843A
Result file : BP7127.034.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					6	47.18	
5.06	5.07	5.10	365079.6562	1325.884058			1
5.22	5.24	5.26	363064.4687	1496.262969			2
5.46	5.48	5.50	1253372.25	2192.665743			3
5.66	5.68	5.70	787193.25	2136.19804			4
+ 5.72	5.72	5.76	65847.1875	390.08073			5
5.72	5.74	5.76	41576.45312	246.300165			5
6.09	6.11	6.13	313221.7187	1583.050399			6
Height Summation:			**3123507.796875**				
Amount Avg CF:			**1496.726896**	Linear:			
Aroclor-1268					6	133.99	
5.66	5.68	5.70	787193.25	1152.588625			1
+ 5.72	5.72	5.76	65847.1875	117.778893			2
5.72	5.74	5.76	41576.45312	74.366557			2
5.85	5.87	5.89	12800.29785	24.956532			3
5.92	5.93	5.95	22196.95898	158.93649			4
+ 5.92	5.95	5.95	118960.1640	851.788345			4
6.09	6.11	6.13	313221.7187	1535.926863			5
6.29	6.31	6.33	70729.42968	43.919085			6
Height Summation:			**1247718.108399**				
Amount Avg CF:			**498.449025**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 14:49:09
Instrument : CP 7--19843B
Result file : BP7127B.034.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	33.63	
4.55	4.56	4.59	837741.25	3290.649035			1
4.65	4.67	4.69	636784.8125	2710.09976			2
4.78	4.80	4.82	1146744.625	5093.832612			3
5.01	5.03	5.05	409979	2043.506345			4
5.20	5.22	5.24	1158370.375	2698.642991			5
5.47	5.48	5.51	831968.3125	2864.068988			6
Height Summation:			**5021588.375000**				
Amount Avg CF:			**3116.799955**	Linear:			
Aroclor-1262					6	34.65	
4.82	4.83	4.86	259291.3281	997.020866			1
5.01	5.03	5.05	409979	1520.285354			2
5.21	5.22	5.24	1158370.375	2204.566666			3
5.42	5.44	5.46	209591.9062	1022.162202			4
5.47	5.48	5.51	831968.3125	2282.800072			5
5.85	5.86	5.89	288066.1562	1572.461583			6
Height Summation:			**3157267.078125**				
Amount Avg CF:			**1599.882791**	Linear:			
Aroclor-1268					6	123.61	
5.42	5.44	5.46	209591.9062	352.494053			1
5.47	5.48	5.51	831968.3125	1417.927362			2
5.62	5.64	5.66	13027.20605	27.238223			3
5.69	5.71	5.73	6510.85791	53.484697			4
5.85	5.86	5.89	288066.1562	1462.339725			5
6.05	6.06	6.09	63804.10156	47.196369			6
Height Summation:			**1412968.540528**				
Amount Avg CF:			**560.113405**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			850	180		30.95	4	40	
Aroclor-1221			850	230			3	40	
Aroclor-1232			850	400		0.50	4	40	
Aroclor-1242			850	165		30.88	4	40	
Aroclor-1248			850	165		0.38	4	40	
Aroclor-1254			850	165		1.53	4	40	
Aroclor-1260			850	245		11.14	4	40	
Aroclor-1262			850	165		6.66	4	40	
Aroclor-1268			850	165		11.65	4	40	
Total PCBs			850	400					

Units: ug/kg

Jessica L. Miller
Chemist

MAY 15 2013

LANCASTER LABORATORIES

Sample Number: 7051105ACF DF50 ACS8406 T 131340008A 10736 Injection Volume: 1SW-846 8082
Injected On: 5/15/2013 2:49:08 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.034.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.576		6477	6320
1.888		3372	3497
1.937		2214	3096
2.027		1802	8330
2.093		10025	7570
2.214		3037	2260
2.279		1664	1990
2.338		2265	2009
2.475		1605	1623
2.54		5080	3242
2.737		1855	1618
2.815	TCX	38401	25946
2.928		12589	8460
3.118		7267	3803
3.133		13306	7093
3.433		2116	1870
3.572		3239	3428
3.608		4929	5086
3.661		1458	1735
3.728		9892	7514
3.754		3263	2068
3.775		6989	4401
3.848		6779	4762
3.901		5449	3759
3.935		11843	11016
3.973		2523	2182
4.002		1671	1081
4.055		5957	5279
4.089		64037	44198
4.109		48667	29161
4.132		64051	48395
4.199		37820	31621
4.24		184255	192936
4.273		134729	106143
4.313		11657	8765
4.335		9231	6254
4.377		74523	66103
4.427		40903	30411
4.44		18407	7407
4.457		62961	38404
4.486		537084	455190
4.532		168651	189135
4.568		83585	58657
4.607		488202	470778
4.656		58776	50604
4.696		524673	500174
4.752		131941	131930
4.804		793661	980935
4.852		103539	93660
4.892		656148	666557
4.936		55142	40762
4.973		82409	109683
5.009		1218814	1098970

RT A	Compound A	Height A	Area A
5.032		54881	27922
5.075		365080	338601
5.117		250281	263277
5.218		156438	126804
5.239		363065	280336
5.296		234799	213865
5.335		138674	133989
5.376		20040	20754
5.422		248269	231198
5.446		19170	11596
5.479		1253372	1211727
5.514		12836	8787
5.565		4883	4988
5.648		5342	3990
5.684		787193	755091
5.722		65847	82117
5.738		41576	36478
5.822		6167	6079
5.871		12800	16953
5.931		22197	15155
5.954		118960	111622
6.007		10208	13258
6.111		313222	309522
6.156		20004	19141
6.186		1929	1662
6.308		70729	67574
6.364		69821	76150
6.451	DCB	55347	60161
6.532		3303	5745

LANCASTER LABORATORIES

Sample Number: 7051105ACF DF50 ACS8406 T 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 2:49:08 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.034.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		7778	9778
1.84		5638	6257
1.922		1013	1734
1.969		4421	3771
2.01		14249	10548
2.057		1601	7675
2.204		3738	5548
2.425		8570	7391
2.538		2951	2746
2.679	TCX	54413	34543
2.85		22063	14414
2.978		17090	8200
3.131		3001	2863
3.178		1439	1646
3.297		1319	974
3.393		3905	4268
3.454		4397	4042
3.491		3443	3681
3.563		2838	2021
3.597		14241	9094
3.621		7682	4601
3.64		12436	7970
3.727		9727	8005
3.773		7083	5402
3.821		14549	13139
3.858		3727	3909
3.903		7728	6747
3.933		23841	14898
3.957		145683	100149
3.982		58852	36070
4.003		21321	11958
4.021		37656	23813
4.058		209833	159797
4.091		162690	123432
4.111		12283	5353
4.128		9930	6469
4.172		17412	15762
4.208		73810	55727
4.267		121351	102135
4.301		91834	72919
4.329		535324	512831
4.368		102477	102034
4.423		592305	534120
4.459		71172	58271
4.493		518039	397570
4.518		156497	113533
4.562		837741	744569
4.668		636785	620214
4.721		478837	415853
4.761		218486	196603
4.801		1146745	1013827
4.832		259291	173275
4.872		247394	206588
4.935		11324	13568

4.976		41827	29332
4.989		23773	14407
5.028		409979	347339
5.054		231069	173681
5.103		266873	244591
5.139		133651	112456
5.166		92972	73382
5.2		82705	54853
5.222		1158370	969678
5.263		23118	16018
5.297		34258	30935
5.36		4370	2987
5.414		9109	7101
5.437		209592	186221
5.483		831968	901835
5.564		5924	5005
5.639		13027	11231
5.682		27277	22603
5.707		6511	3980
5.757		136432	125241
5.862		288066	263473
5.893		15044	11289
6.062		63804	56538
6.124		51740	57285
6.221	DCB	49694	45363
6.292		1870	1653
6.399		1821	1591
8.466		1226	2151

7051105ACF DF50 ACS8406 T 131340008A 10736 SW-846 8082

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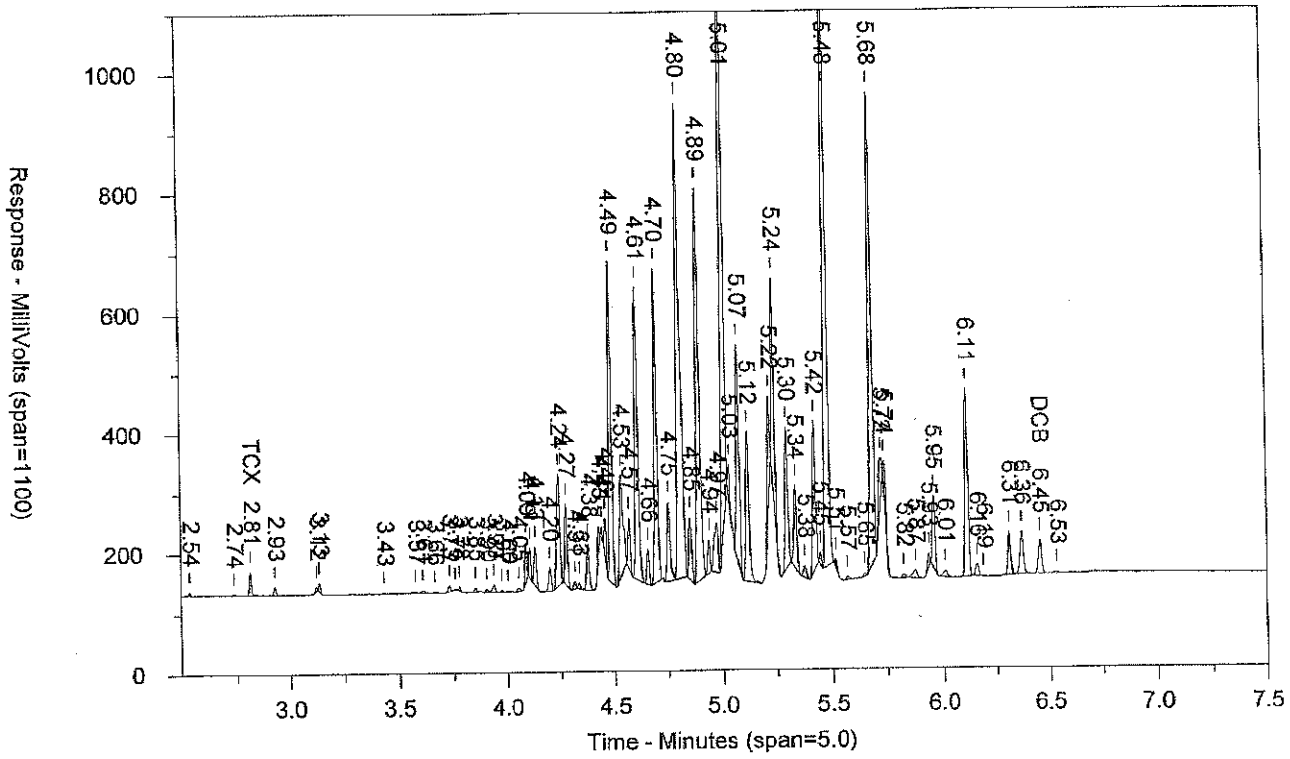

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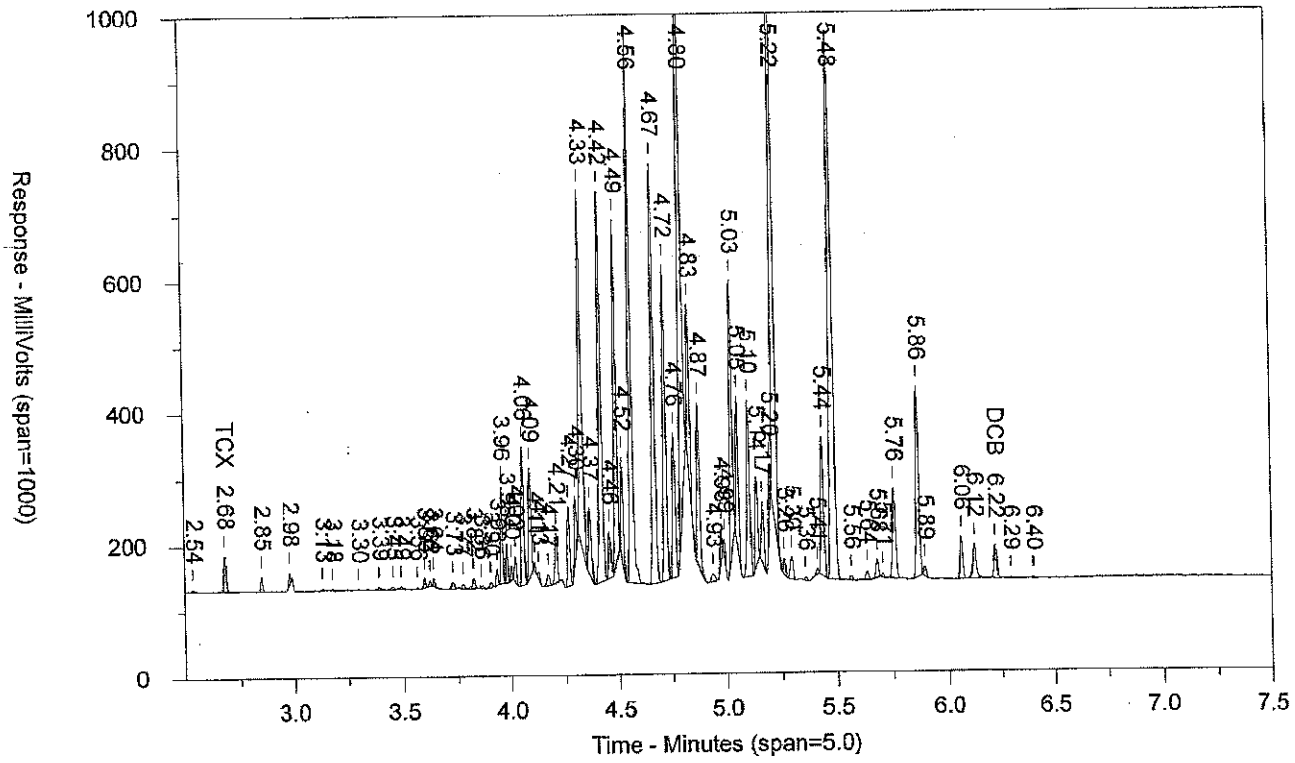


LANCASTER LABORATORIES

Sample Number: 7051105ACF DF50 ACS8406 T 131340008A 10736 Sample Weight: 30SW-846 8082
Injected On: 5/15/2013 2:49:08 PM Dilution Factor: 500
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

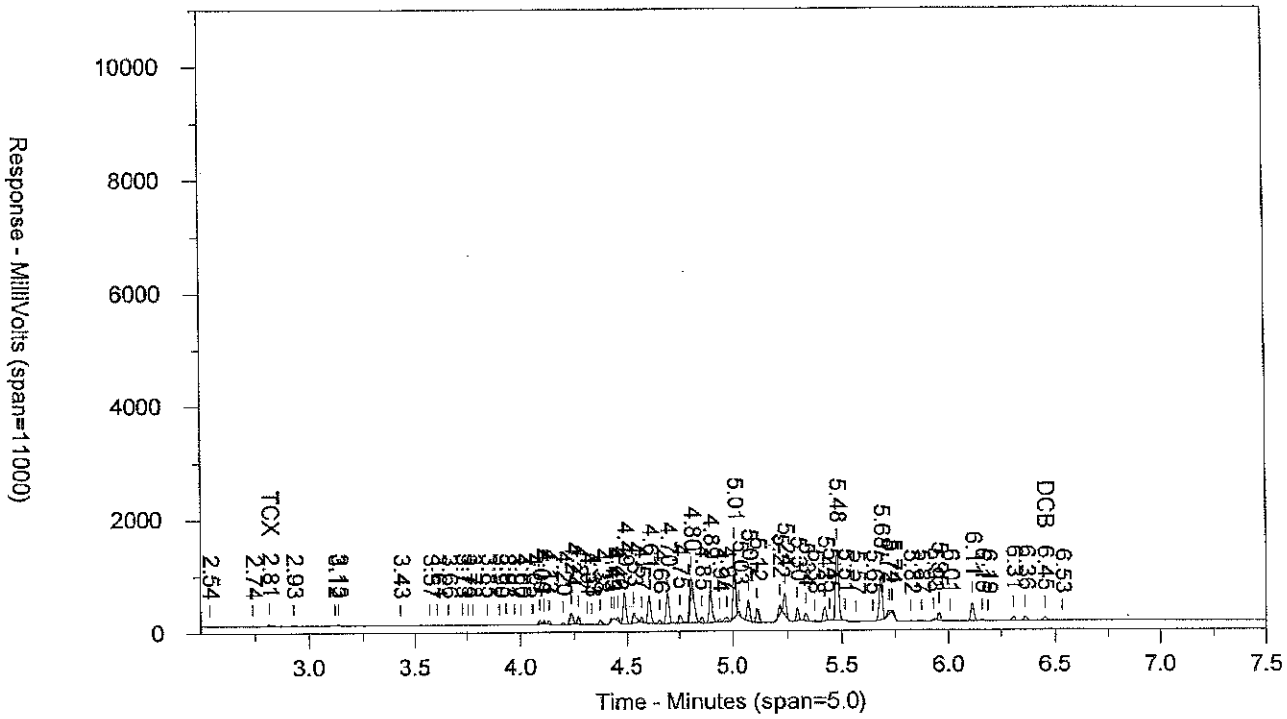
Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	38401	7.975	TCX	2.679	54413	8.987	TCX
6.451	55347	13.785	DCB	6.221	49694	15.004	DCB

Files:
Area File: BP7127.034.RAW
Area File: BP7127B.034.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 2:57:51 PM
File Reported On: 5/15/2013 at 2:57:59 PM

7051105ACF DF50 ACS8406 T 131340008A 10736 SW-846 8082

—— \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\BP7127.034.RAW



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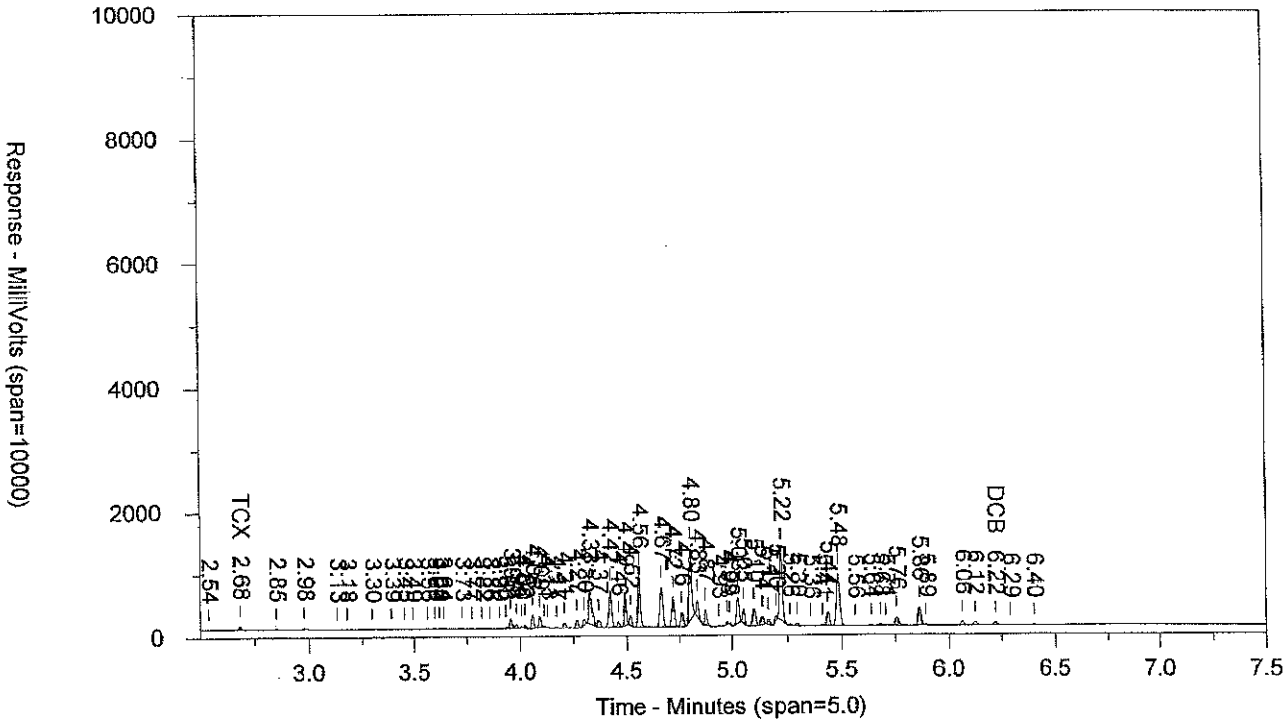

Data Summary

Sample Name: 7051106 RI ACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 15:00:25
Instrument 19843A
Result file BP7127.035.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 99% (41 - 146) Conc: 9.919785
%SSR(DCB) 115% (39 - 151) Conc: 11.662966

Analysis Report (B)

Injected on May 15, 2013 15:00:25
Instrument 19843B
Result file BP7127B.035.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 105% (41 - 146) Conc: 10.576644
%SSR(DCB) 122% (39 - 151) Conc: 12.403097

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2388158	9.919785
Decachlorobiphenyl	6.43	6.45	6.47	2341314	11.662966

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3201897	10.576644
Decachlorobiphenyl	6.21	6.22	6.24	2054061	12.403097

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	10.576644				6.41	
✓ Decachlorobiphenyl	B	12.403097				6.15	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.59	4.61	4.63	1435434.5	129.56353			1
4.79	4.80	4.82	2321400.75	177.158318			2
4.99	5.01	5.03	3526614.75	246.695428			3
5.22	5.24	5.26	963207.8125	102.766337			4
5.46	5.48	5.50	3607660.25	148.513656			5
5.67	5.68	5.71	2271856.25	156.793136			6
Height summation:			**14126174.3125**				
Concentration		CF:	**160.248401**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.55	4.56	4.59	2371896	186.336229			1
4.65	4.67	4.69	1819471	154.870148			2
4.78	4.80	4.82	3170458.75	281.663168			3
5.01	5.03	5.05	1229500.75	122.566892			4
5.20	5.22	5.24	3438650	160.219718			5
5.47	5.48	5.51	2477845	170.600705			6
Height summation:			**14507821.5**				
Concentration		CF:	**179.376143**	L:			

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260	B	179.376143	17	4.9		11.26	4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs	A	179.376143	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomayko
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051106** RI ACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:00:25
Instrument : CP 7--19843A
Result file : BP7127.035.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 99% (41-146) Conc.: 9.919785
%SSR(DCB) : 115% (39-151) Conc.: 11.662966

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	78.27	
3.05	3.07	3.09	1562.173828	0.385643			1
3.38	3.40	3.42	2254.614014	0.432028			2
3.55	3.57	3.59	8717.579102	1.697542			3
3.59	3.61	3.63	9995.913086	1.531786			4
3.64	3.66	3.68	4613.838867	0.815689			5
3.83	3.85	3.87	13903.16210	3.155566			6
Height Summation:			**41047.281006**				
Amount Avg CF:			**1.336376**	Linear:			
Aroclor-1221					2	106.34	
3.01	3.01	3.05	3285.383545	2.060448			2
3.05	3.07	3.09	1562.173828	0.291765			3
Height Summation:			**4847.557373**				
Amount Avg CF:			**1.176107**	Linear:			
Aroclor-1232					6	89.13	
3.05	3.07	3.09	1562.173828	0.326436			1
3.38	3.40	3.42	2254.614014	0.869549			2
3.55	3.57	3.59	8717.579102	3.50856			3
3.59	3.61	3.63	9995.913086	3.039648			4
3.64	3.66	3.68	4613.838867	1.769249			5
3.83	3.85	3.87	13903.16210	7.198881			6
Height Summation:			**41047.281006**				
Amount Avg CF:			**2.785387**	Linear:			
Aroclor-1242					6	78.55	
3.05	3.07	3.09	1562.173828	0.460354			1
3.38	3.40	3.42	2254.614014	0.54887			2
3.55	3.57	3.59	8717.579102	2.023199			3
3.59	3.61	3.63	9995.913086	1.855962			4
3.64	3.66	3.68	4613.838867	1.070352			5
3.83	3.85	3.87	13903.16210	3.942314			6
Height Summation:			**41047.281006**				
Amount Avg CF:			**1.650175**	Linear:			
Aroclor-1248					6	168.71	
3.71	3.73	3.75	31483.21484	5.362018			1
3.83	3.85	3.87	13903.16210	2.015797			2
3.92	3.94	3.96	29478.65625	5.025691			3
4.09	4.11	4.13	119984.625	17.731941			4
4.22	4.24	4.26	432057.9062	75.827178			5
4.47	4.49	4.51	1381395.625	273.48912			6
Height Summation:			**2008303.189453**				
Amount Avg CF:			**63.241958**	Linear:			
Aroclor-1254					6	86.96	
4.22	4.24	4.26	432057.9062	40.081117			1
4.41	4.43	4.45	66777.98437	8.532871			2
+ 4.41	4.44	4.45	63265.38671	8.084032			2
4.47	4.49	4.51	1381395.625	88.073915			3
4.68	4.70	4.72	1363200.625	127.800783			4
4.87	4.89	4.91	1852452.375	216.161604			5
4.99	5.01	5.03	3526614.75	316.398533			6
Height Summation:			**8622499.265625**				
Amount Avg CF:			**132.841471**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 15:00:25
Instrument : CP 7--19843B
Result file : BP7127B.035.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.576644
%SSR(DCB) : 122% (39-151) Conc.: 12.403097

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	109.51	
2.95	2.98	2.99	45117.125	8.333708			1
3.28	3.30	3.32	3401.976807	0.538893			2
3.44	3.46	3.48	11395.12695	1.766949			3
+* 3.47	3.48	3.51	3835.359619	0.57542			4
+* 3.44	3.48	3.48	3835.359619	0.594718			3
3.47	3.49	3.51	5522.46582	0.828538			4
3.55	3.57	3.59	6750.628418	1.007414			5
3.60	3.62	3.64	20224.93554	4.038254			6
+ 3.60	3.64	3.64	21671.02539	4.326991			6
Height Summation:			**92412.258545**				
Amount Avg CF:			**2.752293**	Linear:			
Aroclor-1221					3	82.86	
2.83	2.85	2.87	44580.15234	14.609354			1
2.90	2.90	2.94	4733.331055	2.180334			2
2.95	2.98	2.99	45117.125	6.181999			3
Height Summation:			**94430.608399**				
Amount Avg CF:			**7.657229**	Linear:			
Aroclor-1232					6	81.46	
2.95	2.98	2.99	45117.125	6.94187			1
3.28	3.30	3.32	3401.976807	1.09292			2
3.44	3.46	3.48	11395.12695	4.021403			3
+* 3.47	3.48	3.51	3835.359619	1.117544			4
+* 3.44	3.48	3.48	3835.359619	1.353519			3
3.47	3.49	3.51	5522.46582	1.609131			4
3.55	3.57	3.59	6750.628418	2.109772			5
3.60	3.62	3.64	20224.93554	9.902534			6
+ 3.60	3.64	3.64	21671.02539	10.610569			6
Height Summation:			**92412.258545**				
Amount Avg CF:			**4.279605**	Linear:			
Aroclor-1242					6	106.37	
2.95	2.98	2.99	45117.125	9.89069			1
3.28	3.30	3.32	3401.976807	0.67027			2
3.44	3.46	3.48	11395.12695	2.234832			3
+* 3.47	3.48	3.51	3835.359619	0.687449			4
+* 3.44	3.48	3.48	3835.359619	0.752197			3
3.47	3.49	3.51	5522.46582	0.989846			4
3.55	3.57	3.59	6750.628418	1.233255			5
3.60	3.62	3.64	20224.93554	5.366377			6
+ 3.60	3.64	3.64	21671.02539	5.750075			6
Height Summation:			**92412.258545**				
Amount Avg CF:			**3.397545**	Linear:			
Aroclor-1248					6	160.37	
3.58	3.60	3.62	40535.77734	5.942493			1
3.71	3.73	3.75	20421.45312	2.395658			2
+ 3.81	3.81	3.85	4730.556152	0.810139			3
3.81	3.82	3.85	28935.42968	4.955384			3
3.94	3.96	3.98	306131.4062	26.679499			4
4.08	4.09	4.12	365726.25	70.06213			5
+ 4.08	4.11	4.12	22887.85742	4.384624			5
4.31	4.33	4.35	1320844.625	247.704261			6
Height Summation:			**2082594.941407**				
Amount Avg CF:			**59.623238**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 7051106 RI ACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:00:25
Instrument : CP 7--19843A
Result file : BP7127.035.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	30.77	
4.59	4.61	4.63	1435434.5	129.56353			1
4.79	4.80	4.82	2321400.75	177.158318			2
4.99	5.01	5.03	3526614.75	246.695428			3
5.22	5.24	5.26	963207.8125	102.766337			4
5.46	5.48	5.50	3607660.25	148.513656			5
5.67	5.68	5.71	2271856.25	156.793136			6
Height Summation:			**14126174.312500**				
Amount Avg CF:			**160.248401**	Linear:			
Aroclor-1262					6	46.66	
E 5.06	5.07	5.10	1065895	77.421635			1
E 5.22	5.24	5.26	963207.8125	79.39153			2
E 5.46	5.48	5.50	3607660.25	126.225757			3
E 5.66	5.68	5.70	2271856.25	123.302248			4
+ 5.72	5.73	5.76	66412.8125	7.86863			5
5.72	5.74	5.76	153650.5312	18.204608			5
E 6.09	6.11	6.13	801385.5625	81.005477			6
Height Summation:			**8863655.406250**				
Amount Avg CF:			**84.258543**	Linear:			
Aroclor-1268					6	127.78	
5.66	5.68	5.70	2271856.25	66.527899			1
+ 5.72	5.73	5.76	66412.8125	2.375812			2
5.72	5.74	5.76	153650.5312	5.496602			2
5.85	5.87	5.89	58286.26953	2.272796			3
5.92	5.93	5.95	69696.0625	9.98087			4
+ 5.92	5.95	5.95	314969.9375	45.105473			4
E 6.09	6.11	6.13	801385.5625	78.594142			5
6.29	6.31	6.33	191344.0312	2.376282			6
Height Summation:			**3546218.707031**				
Amount Avg CF:			**27.541432**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 15:00:25
Instrument : CP 7--19843B
Result file : BP7127B.035.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	76.82	
4.04	4.06	4.08	471429.5	43.175558			1
4.25	4.27	4.29	258961.4531	29.055625			2
4.31	4.33	4.35	1320844.625	86.221623			3
4.48	4.49	4.52	1268425.375	127.524572			4
4.70	4.72	4.74	1224239.25	165.193727			5
4.78	4.80	4.82	3170458.75	284.140842			6
Height Summation:			**7714358.953125**				
Amount Avg CF:			**122.551991**	Linear:			
Aroclor-1260					6	30.31	
4.55	4.56	4.59	2371896	186.336229			1
4.65	4.67	4.69	1819471	154.870148			2
4.78	4.80	4.82	3170458.75	281.663168			3
5.01	5.03	5.05	1229500.75	122.566892			4
5.20	5.22	5.24	3438650	160.219718			5
5.47	5.48	5.51	2477845	170.600705			6
Height Summation:			**14507821.500000**				
Amount Avg CF:			**179.376143**	Linear:			
Aroclor-1262					6	37.55	
4.82	4.83	4.86	742281.1875	57.08404			1
E 5.01	5.03	5.05	1229500.75	91.184767			2
E 5.21	5.22	5.24	3438650	130.886171			3
5.42	5.44	5.46	568551.4375	55.455556			4
E 5.47	5.48	5.51	2477845	135.976927			5
E 5.85	5.86	5.89	779147.375	85.062357			6
Height Summation:			**9235975.750000**				
Amount Avg CF:			**92.608303**	Linear:			
Aroclor-1268					6	119.76	
5.42	5.44	5.46	568551.4375	19.123926			1
E 5.47	5.48	5.51	2477845	84.460049			2
5.62	5.64	5.66	57846.74609	2.419003			3
5.69	5.71	5.73	40052.55859	6.580389			4
E 5.85	5.86	5.89	779147.375	79.105312			5
6.05	6.06	6.09	176880.2968	2.616793			6
Height Summation:			**4100323.414063**				
Amount Avg CF:			**32.384245**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 69.26	4	40	
Aroclor-1221			17	4.6		** 146.74	3	40	
Aroclor-1232			17	8		** 42.30	4	40	
Aroclor-1242			17	3.3		** 69.23	4	40	
Aroclor-1248			17	3.3		5.89	4	40	
Aroclor-1254			17	3.3		8.06	4	40	
Aroclor-1260			17	4.9		11.26	4	40	
Aroclor-1262			17	3.3	E	9.44	4	40	
Aroclor-1268			17	3.3	E	16.16	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051106 RI ACF ABS8408 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 3:00:24 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.035.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		78410	77590
1.707		1163	1070
1.936		35622	30042
2.027		10222	17566
2.093		49912	34266
2.177		3052	2002
2.213		15587	13745
2.278		6052	6725
2.476		4683	3303
2.521		4357	3210
2.54		14248	10307
2.815	TCX	2388158	1569930
2.928		31136	19978
3.012		3285	2113
3.07		1562	1684
3.118		19769	10261
3.133		37733	20042
3.283		1859	1220
3.397		2255	1796
3.469		2743	2241
3.573		8718	10820
3.609		9996	8423
3.663		4614	3885
3.728		31483	22815
3.754		9583	6905
3.775		13234	8521
3.849		13903	9348
3.871		3992	2548
3.901		12766	8755
3.935		29479	27204
3.976		6524	4974
4.001		4422	2988
4.054		10030	7635
4.09		139408	95154
4.11		119985	74147
4.133		156164	116552
4.199		94443	81084
4.241		432058	433324
4.274		300393	243682
4.313		29940	22376
4.335		21702	14623
4.376		158503	144596
4.428		66778	49765
4.44		63265	29082
4.457		149739	91368
4.487		1381396	1164077
4.532		484929	523089
4.568		194954	139256
4.607		1435435	1320153
4.656		144341	124728
4.696		1363201	1255952
4.724		13131	6896
4.753		314200	323131

RT A	Compound A	Height A	Area A
4.804		2321401	2738020
4.851		298043	260630
4.893		1852452	1827713
4.936		141524	104915
4.973		219290	289506
5.009		3526615	3203011
5.033		153786	72184
5.075		1065895	957596
5.118		729270	727532
5.217		403730	305770
5.238		963208	800469
5.296		629811	585847
5.336		375943	354374
5.376		60130	63321
5.421		662419	604170
5.446		55072	32569
5.478		3607660	3555843
5.514		31534	20928
5.565		12957	14128
5.602		4188	2577
5.623		4024	2460
5.648		8557	5643
5.684		2271856	2165616
5.728		66413	181640
5.738		153651	111741
5.822		13927	13438
5.87		58286	70191
5.931		69696	47695
5.954		314970	278539
5.993		6642	11936
6.073		3302	3712
6.111		801386	826883
6.156		59012	55186
6.227		2553	3454
6.308		191344	195501
6.364		49114	50396
6.451	DCB	2341314	2386920
6.519		5619	6949
6.747		4633	4809
6.818		1771	2195
6.889		3163	3070
7.533		14001	20640
7.751		6774	10540
8.363		2256	4363

LANCASTER LABORATORIES

Sample Number: 7051106 RI ACF ABS8408 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 3:00:24 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.035.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		101227	114597
1.689		1688	1540
1.844		47633	43492
1.924		11560	8888
1.97		20766	18046
2.01		71216	52638
2.087		1185	3902
2.109		5550	4843
2.167		4040	3058
2.213		8481	8146
2.268		1206	1115
2.38		2976	3462
2.425		22484	22374
2.68	TCX	3201897	1998407
2.802		2364	1471
2.851		44580	27819
2.9		4733	3446
2.979		45117	21831
2.99		26300	11173
3.017		2633	1559
3.104		1588	934
3.177		3204	4148
3.248		2085	1407
3.298		3402	3036
3.336		1795	1199
3.391		2906	3816
3.455		11395	10290
3.477		3835	1795
3.491		5522	6455
3.565		6751	4996
3.598		40536	25778
3.622		20225	11516
3.64		21671	11982
3.728		20421	16479
3.752		2860	1418
3.774		17301	13019
3.807		4731	2412
3.822		28935	18709
3.861		9964	9764
3.905		10557	8278
3.934		55940	33712
3.957		306131	216037
3.983		132187	82551
4.004		49952	27023
4.022		92676	57213
4.059		471430	356686
4.092		365726	283129
4.112		22888	9467
4.13		29375	18567
4.174		32169	27232
4.209		163307	123216
4.232		14700	12739
4.268		258962	223982
4.303		206999	170168

4.33		1320845	1308965
4.369		263892	265669
4.424		1638336	1446628
4.461		168146	143080
4.494		1268425	950227
4.519		406011	285610
4.563		2371896	2004598
4.618		4683	3202
4.67		1819471	1716191
4.721		1224239	1069522
4.763		592073	515796
4.802		3170459	2793257
4.833		742281	481765
4.873		688852	565894
4.935		28979	35590
4.976		126542	92192
4.991		58771	32551
5.029		1229501	975072
5.054		598539	444713
5.104		720605	660011
5.14		362214	297526
5.167		232173	192818
5.201		223034	137559
5.223		3438650	2830968
5.263		65239	44260
5.298		108979	95936
5.341		3590	2274
5.361		12562	9112
5.394		5081	3938
5.414		23745	14111
5.438		568551	489543
5.484		2477845	2529528
5.538		3483	2856
5.565		13051	12131
5.639		57847	51317
5.682		70718	55500
5.708		40053	27800
5.758		350761	329159
5.796		3940	3817
5.863		779147	694010
5.894		42168	30589
5.972		1881	2232
6.063		176880	159915
6.124		35570	34688
6.222	DCB	2054061	1877059
6.4		4894	3910
6.433		5273	5084
6.487		3178	3155
6.64		3512	4289
6.697		3072	3210
7.145		12438	13540
7.746		5796	8709
8.465		1559	3455

7051106 RI ACF ABS8408 T 131340008A 10736 SW-846 8082

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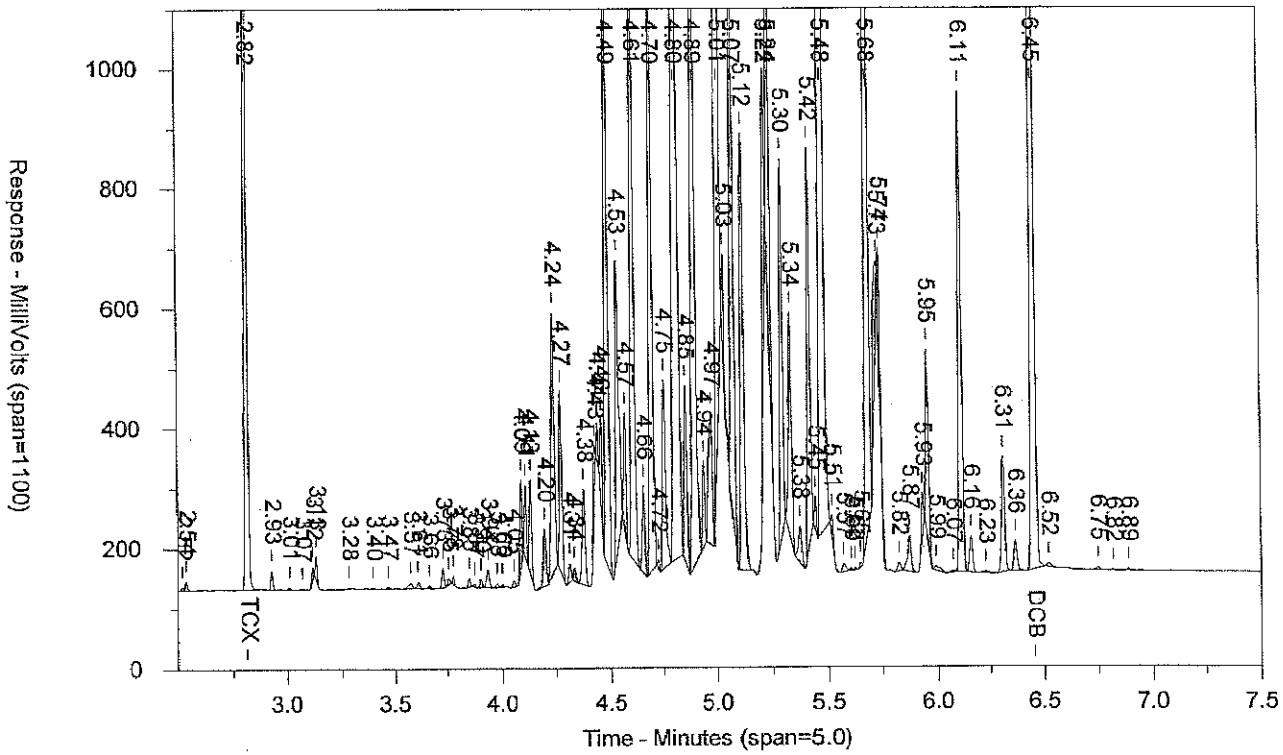

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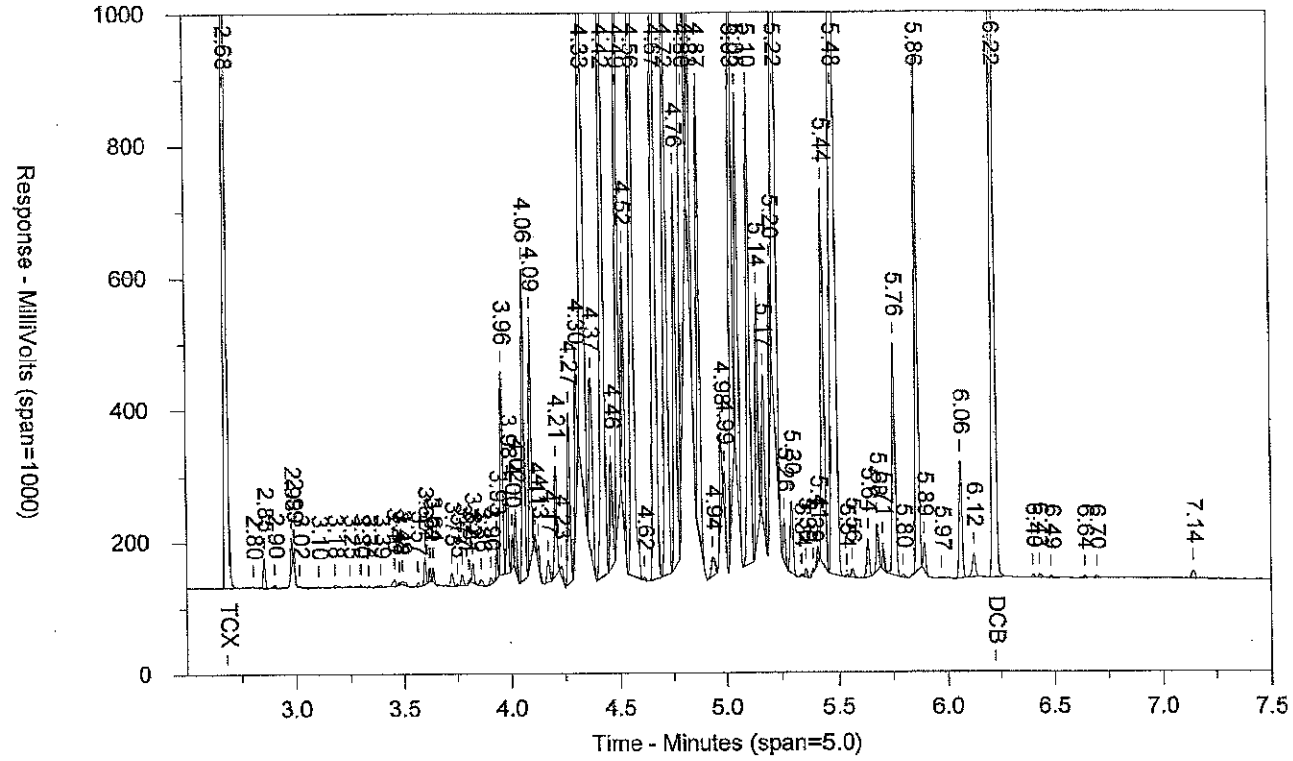

LANCASTER LABORATORIES

Sample Number: 7051106 RI ACF ABS8408 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 3:00:24 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2388158	9.92	TCX	2.68	3201897	10.577	TCX
6.451	2341314	11.663	DCB	6.222	2054061	12.403	DCB

Files:
Area File: BP7127.035.RAW
Area File: BP7127B.035.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 3:09:05 PM
File Reported On: 5/15/2013 at 3:09:13 PM

7051106 RI ACF ABS8408 T 131340008A 10736 SW-846 8082

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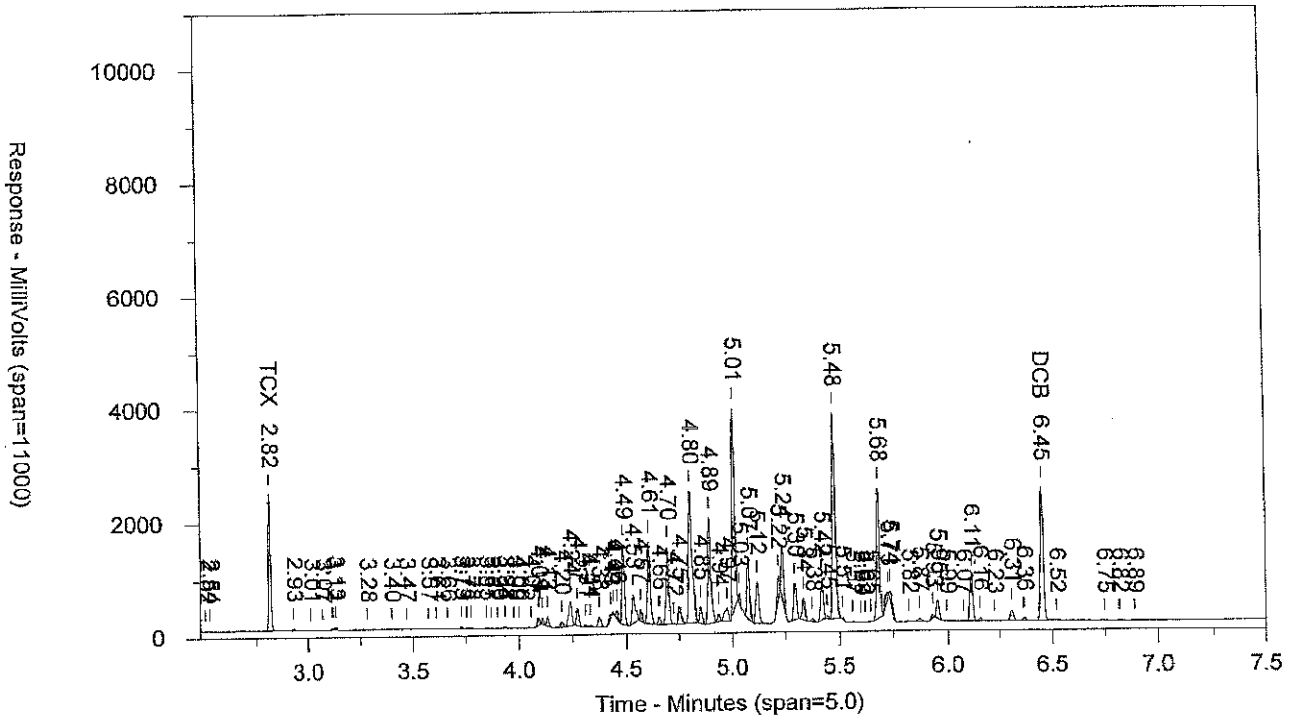

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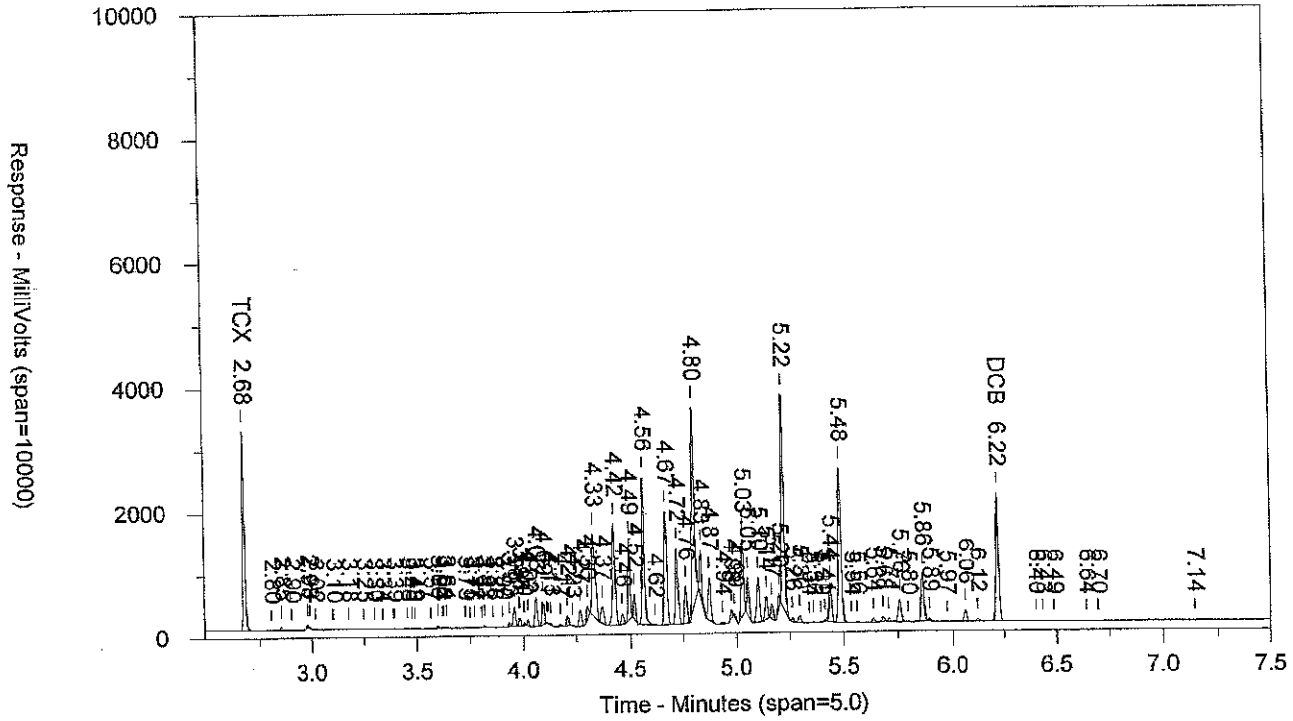

Data Summary

Sample Name: 7051109 ACF DF5 SBFD8 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 50 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 22:54:33
Instrument	19843A
Result file	CP7127.008.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 96% (41 - 146) Conc: 9.695422
%SSR(DCB) 128% (39 - 151) Conc: 12.978289

Analysis Report (B)

Injected on	May 15, 2013 22:54:33
Instrument	19843B
Result file	CP7127B.008.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 105% (41 - 146) Conc: 10.620608
%SSR(DCB) 132% (39 - 151) Conc: 13.41557

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.81	2.84	466829	9.695422	Tetrachloro-m-xylene	2.66	2.68	2.70	643041	10.620608
Decachlorobiphenyl	6.43	6.45	6.47	521072	12.978289	Decachlorobiphenyl	6.21	6.22	6.24	444347	13.41557

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☑ Tetrachloro-m-xylene	B	10.620608				9.11	
☑ Decachlorobiphenyl	B	13.41557				3.31	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.59	4.61	4.63	414816.34375	187.208367			1
4.79	4.80	4.82	639318	243.948619			2
4.99	5.01	5.03	980220	342.844072			3
5.22	5.24	5.26	301420.21875	160.795269			4
5.46	5.48	5.50	1061709.75	218.532768			5
5.67	5.69	5.71	666585.625	230.023468			6

Height summation: **4064069.9375**
Concentration CF: **230.558761** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260							
4.55	4.56	4.59	686172.3125	269.528599			1
4.65	4.67	4.69	536698.4375	228.414101			2
4.78	4.80	4.82	915617.0625	406.716539			3
5.01	5.03	5.05	366699.25	182.778202			4
5.20	5.22	5.24	987841.3125	230.136327			5
5.47	5.48	5.51	729952.6875	251.287798			6

Height summation: **4222981.0625**
Concentration CF: **261.476928** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑ Aroclor-1016			<85	<18			4	40	
☑ Aroclor-1221			<85	<23			3	40	
☑ Aroclor-1232			<85	<40			4	40	
☑ Aroclor-1242			<85	<16.5			4	40	
☑ Aroclor-1248			<85	<16.5			4	40	
☑ Aroclor-1254			<85	<16.5			4	40	
☑ Aroclor-1260	B	261.476928	85	24.5		12.57	4	40	
☐ Aroclor-1262			<85	<16.5			4	40	
☐ Aroclor-1268			<85	<16.5			4	40	
☐ Total PCBs	A	261.476928	85	40		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders, Chemist
Date: MAY 16 2013

Verified by: Valerie L. Temeche, Principal Specialist
Date: MAY 20 2013

Monica M. Souders
Chemist
MAY 16 2013

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **7051109** ACF DF5 SBFD8 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 50 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 22:54:33
Instrument : CP 7--19843A
Result file : cp7127.008.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET
%SSR(TCX) : 96% (41-146) Conc.: 9.695422
%SSR(DCB) : 128% (39-151) Conc.: 12.978289

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**55.76**	
3.59	3.61	3.63	4405.058594	3.375183			4
3.64	3.66	3.68	1857.097168	1.641598			5
3.83	3.85	3.87	4905.733887	5.567211			6
Height Summation:			**11167.889649**				
Amount Avg CF:			**3.527997**	Linear:			
Aroclor-1232					**3**	**60.69**	
3.59	3.61	3.63	4405.058594	6.697651			4
3.64	3.66	3.68	1857.097168	3.560666			5
3.83	3.85	3.87	4905.733887	12.700633			6
Height Summation:			**11167.889649**				
Amount Avg CF:			**7.652983**	Linear:			
Aroclor-1242					**3**	**54.90**	
3.59	3.61	3.63	4405.058594	4.089481			4
3.64	3.66	3.68	1857.097168	2.154115			5
3.83	3.85	3.87	4905.733887	6.955232			6
Height Summation:			**11167.889649**				
Amount Avg CF:			**4.399609**	Linear:			
Aroclor-1248					**6**	**166.04**	
3.71	3.73	3.75	8449.580078	7.19539			1
3.83	3.85	3.87	4905.733887	3.556371			2
3.92	3.94	3.96	9136.110352	7.787883			3
4.09	4.11	4.13	35684.589844	26.368255			4
4.22	4.24	4.26	136178.84375	119.498536			5
4.47	4.49	4.51	403912.09375	399.833187			6
Height Summation:			**598266.951661**				
Amount Avg CF:			**94.039937**	Linear:			
Aroclor-1254					**6**	**82.78**	
4.22	4.24	4.26	136178.84375	63.165147			1
4.41	4.43	4.45	25359.634766	16.202233			2
+ 4.41	4.44	4.45	18929.919922	12.094297			2
4.47	4.49	4.51	403912.09375	128.761518			3
4.68	4.70	4.72	418181.0625	196.023484			4
4.87	4.89	4.91	511203.46875	298.260196			5
4.99	5.01	5.03	980220	439.713708			6
Height Summation:			**2475055.103516**				
Amount Avg CF:			**190.354381**	Linear:			
Aroclor-1260					**6**	**27.21**	
4.59	4.61	4.63	414816.34375	187.208367			1
4.79	4.80	4.82	639318	243.948619			2
4.99	5.01	5.03	980220	342.844072			3
5.22	5.24	5.26	301420.21875	160.795269			4
5.46	5.48	5.50	1061709.75	218.532768			5
5.67	5.69	5.71	666585.625	230.023468			6
Height Summation:			**4064069.937500**				
Amount Avg CF:			**230.558761**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 22:54:33
Instrument : CP 7--19843B
Result file : cp7127B.008.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET
%SSR(TCX) : 105% (41-146) Conc.: 10.620608
%SSR(DCB) : 132% (39-151) Conc.: 13.41557

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**101.07**	
2.95	2.98	2.99	15893.212891	14.678395			1
3.28	3.30	3.32	1239.708984	0.981885			2
3.44	3.46	3.48	4140.021484	3.209795			3
3.47	3.49	3.51	3925.807129	2.944951			4
3.55	3.57	3.59	2072.022705	1.546067			5
3.60	3.62	3.64	7558.43457	7.545854			6
+ 3.60	3.64	3.64	9706.135742	9.68998			6
Height Summation:			**34829.207763**				
Amount Avg CF:			**5.151158**	Linear:			
Aroclor-1221					**2**	**69.70**	
2.83	2.85	2.87	19560.251953	32.050434			1
2.95	2.98	2.99	15893.212891	10.888529			3
Height Summation:			**35453.464844**				
Amount Avg CF:			**21.469482**	Linear:			
Aroclor-1232					**6**	**76.00**	
2.95	2.98	2.99	15893.212891	12.226912			1
3.28	3.30	3.32	1239.708984	1.991347			2
3.44	3.46	3.48	4140.021484	7.305181			3
3.47	3.49	3.51	3925.807129	5.719491			4
3.55	3.57	3.59	2072.022705	3.237844			5
3.60	3.62	3.64	7558.43457	18.503806			6
+ 3.60	3.64	3.64	9706.135742	23.761594			6
Height Summation:			**34829.207763**				
Amount Avg CF:			**8.164097**	Linear:			
Aroclor-1242					**6**	**98.37**	
2.95	2.98	2.99	15893.212891	17.420751			1
3.28	3.30	3.32	1239.708984	1.221259			2
3.44	3.46	3.48	4140.021484	4.05974			3
3.47	3.49	3.51	3925.807129	3.518306			4
3.55	3.57	3.59	2072.022705	1.892663			5
3.60	3.62	3.64	7558.43457	10.027574			6
+ 3.60	3.64	3.64	9706.135742	12.876872			6
Height Summation:			**34829.207763**				
Amount Avg CF:			**6.356716**	Linear:			
Aroclor-1248					**6**	**156.62**	
3.58	3.60	3.62	11212.072266	8.218377			1
3.71	3.73	3.75	10913.739258	6.401501			2
+ 3.81	3.81	3.85	1950.229004	1.669948			3
3.81	3.82	3.85	9579.837891	8.203053			3
3.94	3.96	3.98	102545.25781	44.684343			4
4.08	4.09	4.12	123554.19531	118.346305			5
4.31	4.33	4.35	415724.6875	389.814117			6
Height Summation:			**673529.790041**				
Amount Avg CF:			**95.944616**	Linear:			
Aroclor-1254					**6**	**71.88**	
4.04	4.06	4.08	152103.46875	69.651476			1
4.25	4.27	4.29	85215.03125	47.805879			2
4.31	4.33	4.35	415724.6875	135.687637			3
4.48	4.49	4.52	407398.4375	204.794513			4
4.70	4.72	4.74	379774.96875	256.226235			5
4.78	4.80	4.82	915617.0625	410.294257			6
Height Summation:			**2355833.656250**				
Amount Avg CF:			**187.41**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051109** ACF DF5 SBFD8 Sample ID: AC **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 50 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 22:54:33
Instrument : CP 7--19843A
Result file : cp7127.008.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**41.41**	
5.06	5.07	5.10	313621.125	113.899869			1
5.22	5.24	5.26	301420.21875	124.22144			2
5.46	5.48	5.50	1061709.75	185.736887			3
5.66	5.69	5.70	666585.625	180.89064			4
+ 5.72	5.73	5.76	34204.210938	20.262678			5
5.72	5.74	5.76	64423.765625	38.164834			5
6.09	6.11	6.13	270023.375	136.472213			6
Height Summation:			**2677783.859375**				
Amount Avg CF:			**129.897647**	Linear:			
Aroclor-1268					**6**	**128.47**	
5.66	5.69	5.70	666585.625	97.599796			1
+ 5.72	5.73	5.76	34204.210938	6.118005			2
5.72	5.74	5.76	64423.765625	11.523286			2
5.85	5.87	5.89	16379.214844	3.193429			3
5.92	5.93	5.95	20073.175781	14.37296			4
6.09	6.11	6.13	270023.375	132.409769			5
6.29	6.31	6.33	65992.335938	4.097761			6
Height Summation:			**1103477.492188**				
Amount Avg CF:			**43.866167**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 22:54:33
Instrument : CP 7--19843B
Result file : cp7127B.008.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**29.39**	
4.55	4.56	4.59	686172.3125	269.528599			1
4.65	4.67	4.69	536698.4375	228.414101			2
4.78	4.80	4.82	915617.0625	406.716539			3
5.01	5.03	5.05	366699.25	182.778202			4
5.20	5.22	5.24	987841.3125	230.136327			5
5.47	5.48	5.51	729952.6875	251.287798			6
Height Summation:			**4222981.062500**				
Amount Avg CF:			**261.476928**	Linear:			
Aroclor-1262					**6**	**33.71**	
4.82	4.83	4.86	225988.98437	86.896748			1
5.01	5.03	5.05	366699.25	135.979526			2
5.21	5.22	5.24	987841.3125	188.002221			3
5.42	5.44	5.46	185882.90625	90.653539			4
5.47	5.48	5.51	729952.6875	200.288403			5
5.85	5.86	5.89	258419.46875	141.062974			6
Height Summation:			**2754784.609375**				
Amount Avg CF:			**140.480569**	Linear:			
Aroclor-1268					**6**	**119.26**	
5.42	5.44	5.46	185882.90625	31.261999			1
5.47	5.48	5.51	729952.6875	124.406167			2
5.62	5.64	5.66	17315.205078	3.620388			3
5.69	5.71	5.73	11658.960938	9.577478			4
5.85	5.86	5.89	258419.46875	131.184121			5
6.05	6.06	6.09	61419.078125	4.543215			6
Height Summation:			**1264648.306641**				
Amount Avg CF:			**50.765561**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			85	18		37.40	4	40	
Aroclor-1221			85	23			3	40	
Aroclor-1232			85	40		6.46	4	40	
Aroclor-1242			85	16.5		36.39	4	40	
Aroclor-1248			85	16.5		2.01	4	40	
Aroclor-1254			85	16.5		1.56	4	40	
Aroclor-1260			85	24.5		12.57	4	40	
Aroclor-1262			85	16.5		7.83	4	40	
Aroclor-1268			85	16.5		14.58	4	40	
Total PCBs			85	40					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051109ACF DF5 ACSBFD8 T 131340008A 10736 Injection Volume: 1SW-846 8082
Injected On: 5/15/2013 10:54:32 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.008.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.576		16033	14685
1.888		2214	2360
1.935		6700	6448
1.989		4050	7667
2.027		4716	7365
2.093		17047	12810
2.213		8199	6202
2.338		1457	1341
2.475		1852	1294
2.54		5200	4913
2.736		1448	1259
2.815	TCX	466829	301432
2.928		12048	7768
3.118		7160	3629
3.132		13239	6833
3.434		1349	1242
3.61		4405	3942
3.665		1857	2122
3.728		8450	6051
3.754		2695	1936
3.776		5736	3470
3.849		4906	3447
3.902		4475	3207
3.936		9136	8594
3.973		1996	1598
4.002		1360	811
4.056		4533	3678
4.09		43484	28937
4.11		35685	22652
4.133		50414	40476
4.2		29958	31820
4.241		136179	137776
4.274		97470	77571
4.313		9502	6913
4.335		6708	4294
4.377		48781	46368
4.428		25360	17749
4.441		18930	8502
4.457		43576	26337
4.487		403912	348793
4.533		142507	158623
4.569		63366	42396
4.607		414816	385448
4.657		46158	39554
4.697		418181	393835
4.725		3809	2037
4.753		93265	92594
4.805		639318	804477
4.852		93874	81087
4.893		511204	536411
4.936		43872	32371
4.974		73131	92014
5.009		980220	904807

RT A	Compound A	Height A	Area A
5.032		40994	21111
5.075		313621	294473
5.118		222766	222622
5.219		119037	96121
5.239		301420	239706
5.297		194155	188736
5.337		123046	114855
5.377		17321	19210
5.422		213334	193744
5.446		13720	8634
5.479		1061710	1042442
5.514		9484	6614
5.568		3967	3951
5.603		1679	912
5.625		1040	695
5.649		4659	3762
5.685		666586	660560
5.725		34204	54096
5.739		64424	45628
5.823		9952	9784
5.872		16379	19940
5.932		20073	14890
5.955		107240	94413
6.009		11655	14459
6.112		270023	274396
6.157		18475	17244
6.309		65992	62660
6.365		85472	97397
6.451	DCB	521072	535044
6.536		3360	5215
7.534		2949	4492

LANCASTER LABORATORIES

Sample Number: 7051109ACF DF5 ACSBFD8 T 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 10:54:32 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.008.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		20252	21438
1.843		10525	10805
1.923		4268	3651
1.969		10453	8062
2.01		23983	17521
2.054		3143	4520
2.167		1626	1160
2.211		4196	5427
2.425		8582	8755
2.537		2285	2436
2.679	TCX	643041	404278
2.802		2002	1600
2.851		19560	12306
2.978		15893	7605
3.133		2264	2322
3.246		1618	1395
3.297		1240	1338
3.393		2869	2513
3.455		4140	3824
3.491		3926	5775
3.565		2072	1678
3.598		11212	7116
3.622		7558	4210
3.64		9706	5866
3.727		10914	12823
3.774		8855	10421
3.806		1950	1022
3.822		9580	6068
3.86		3034	3136
3.903		5469	4862
3.933		18551	11642
3.957		102545	70296
3.982		44677	28442
4.004		15850	8561
4.022		27353	17194
4.058		152104	114979
4.091		123554	94362
4.127		7164	5544
4.173		11766	11324
4.209		51073	39092
4.268		85215	73429
4.302		65319	55780
4.329		415725	403707
4.369		86267	84250
4.423		486910	435681
4.461		54754	46786
4.494		407398	314055
4.519		135706	94824
4.562		686172	612627
4.669		536698	516134
4.721		379775	330885
4.762		187347	164698
4.801		915617	832790
4.833		225989	150389

4.873		209159	176208
4.936		10785	12975
4.975		45937	30582
4.991		22397	12887
5.029		366699	306103
5.054		184594	141944
5.104		230151	214317
5.14		122053	98183
5.167		79135	64997
5.201		68611	41724
5.222		987841	838123
5.263		20002	13636
5.298		33082	29661
5.339		1971	1832
5.361		3906	2761
5.414		7751	6862
5.439		185883	163727
5.484		729953	781105
5.566		9234	8143
5.64		17315	14747
5.683		22505	18159
5.709		11659	8315
5.759		123818	112356
5.864		258420	231865
5.894		14010	10261
6.063		61419	51786
6.124		64090	68234
6.222	DCB	444347	416959
6.295		1800	1697
6.399		1676	1362
6.434		1874	1666
7.145		2670	3013
7.746		1617	2692

7051109ACF DF5 ACSBFD8 T 131340008A 10736 SW-846 8082

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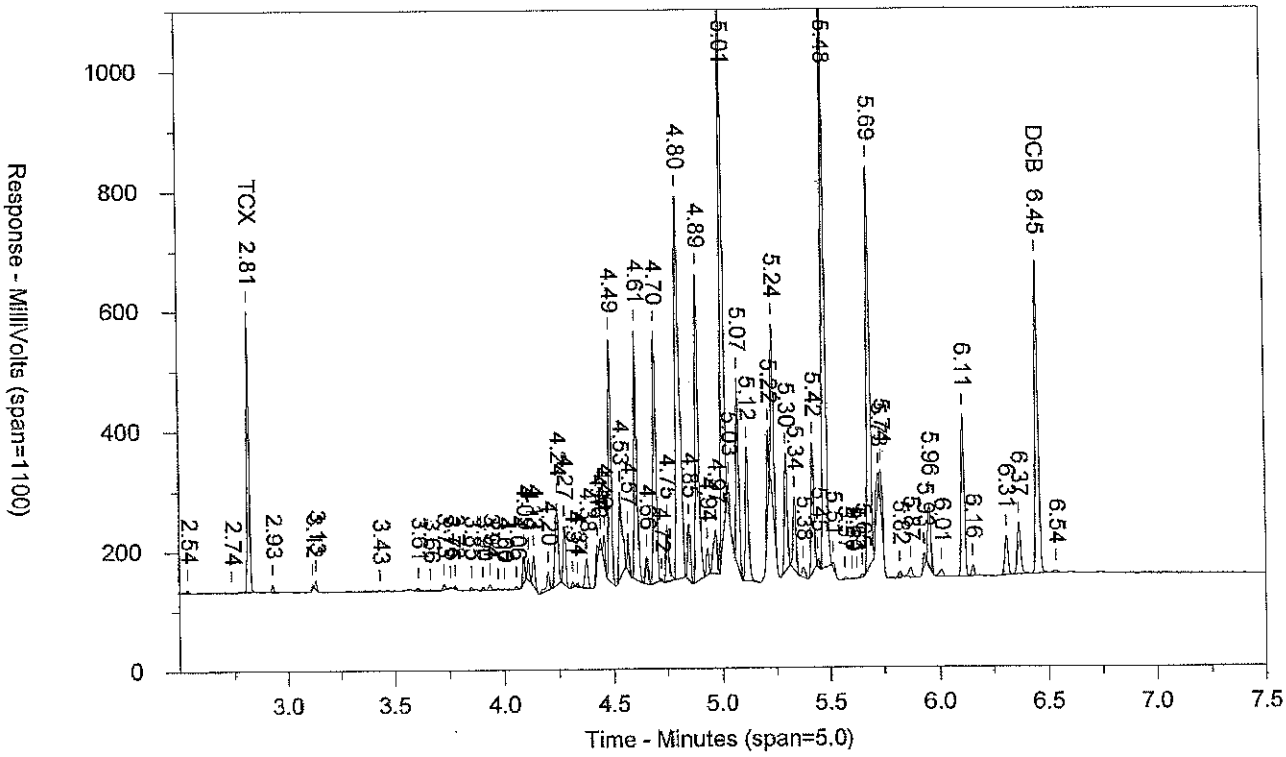

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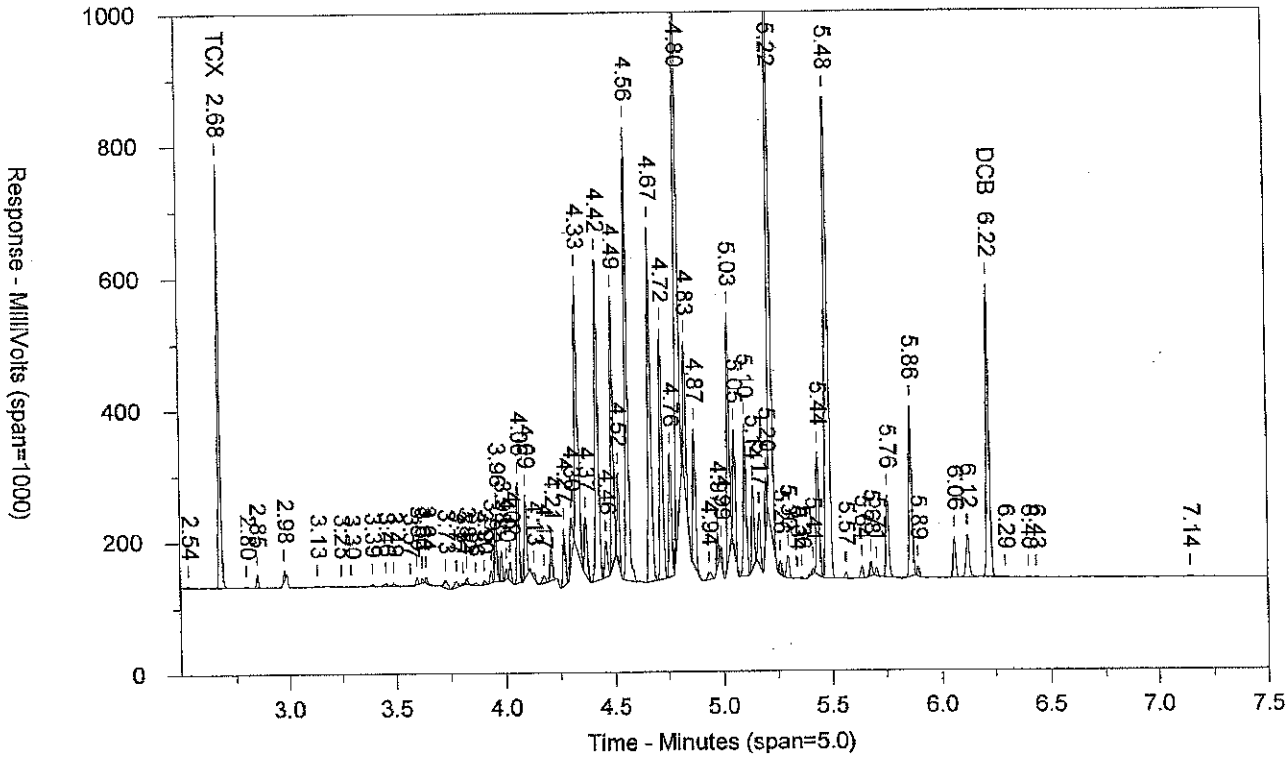

LANCASTER LABORATORIES

Sample Number: 7051109ACF DF5 ACSBFD8 T 131340008A 10736 Sample Weight: 30SW-846 8082
Injected On: 5/15/2013 10:54:32 PM Dilution Factor: 50
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	466829	9.695	TCX	2.679	643041	10.621	TCX
6.451	521072	12.978	DCB	6.222	444347	13.416	DCB

Files:
Area File: cp7127.008.RAW
Area File: cp7127B.008.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 11:03:15 PM
File Reported On: 5/15/2013 at 11:03:23 PM

7051109ACF DF5 ACSBFD8 T 131340008A 10736 SW-846 8082

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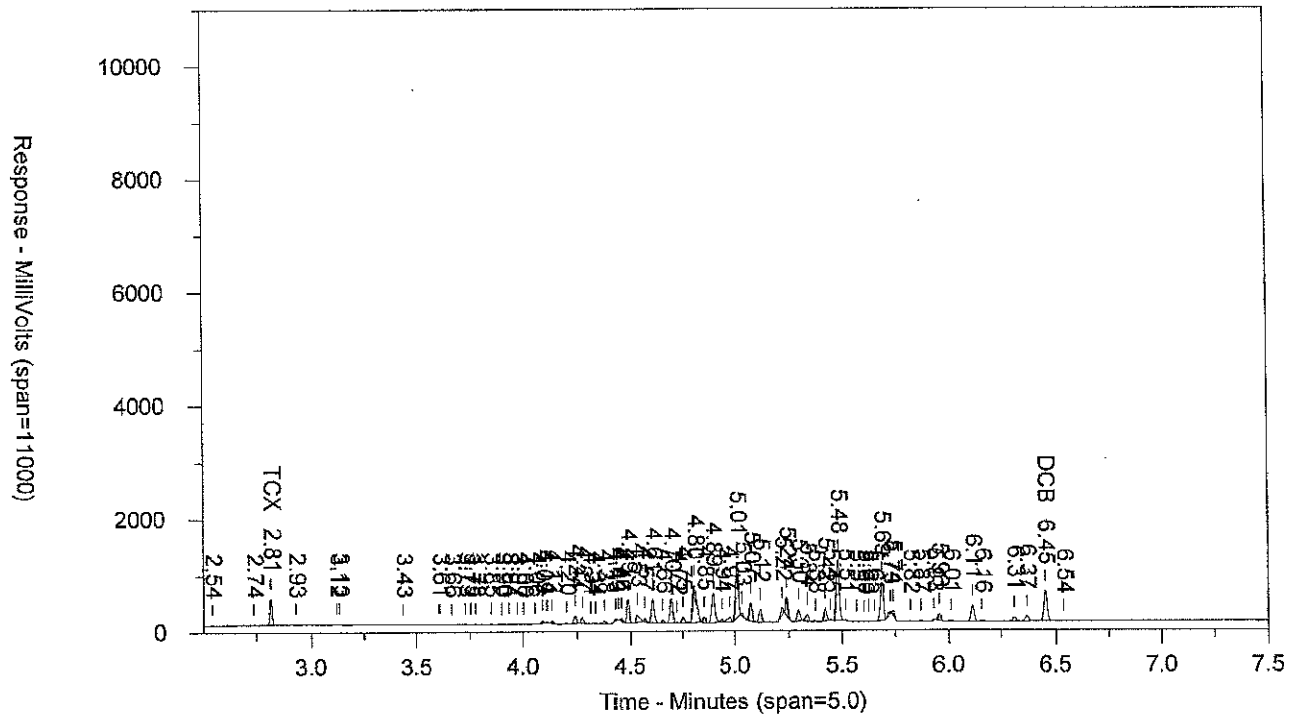

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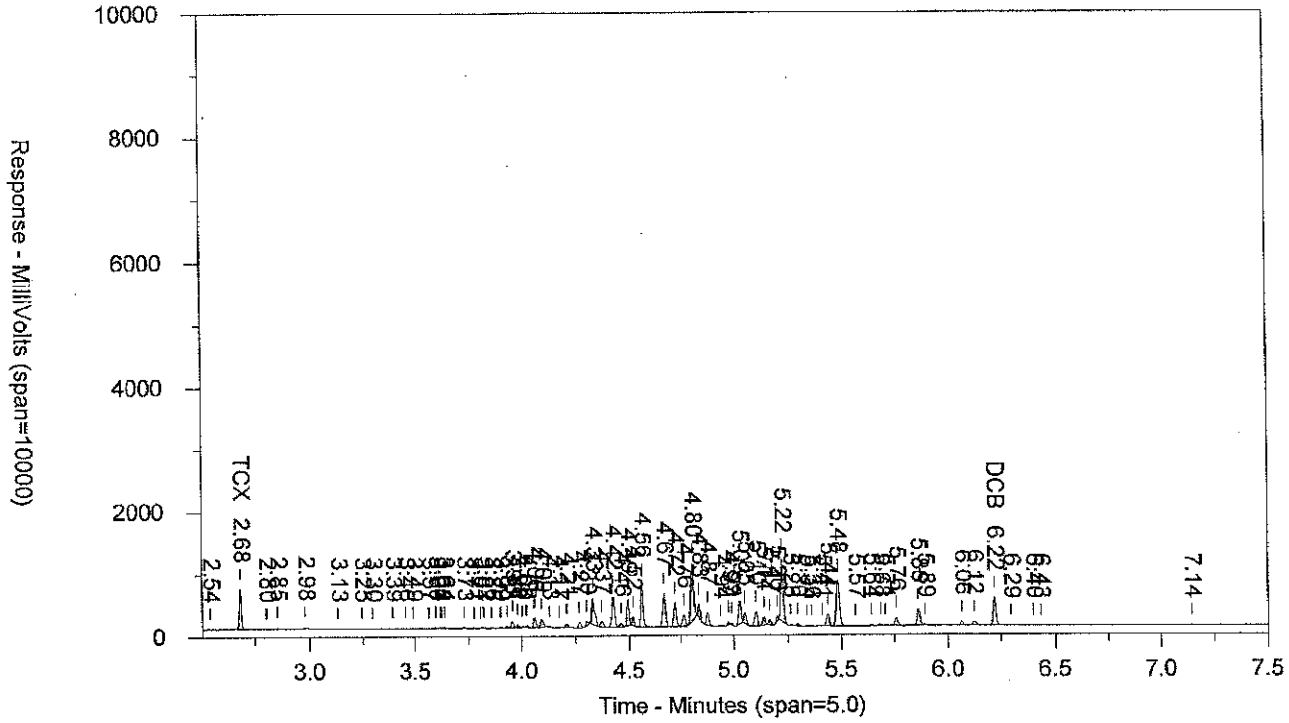

Data Summary

Sample Name: 7051110 RI ACF S8410 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 23:05:58
Instrument 19843A
Result file CP7127.009.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 105% (41 - 146) Conc: 10.543187
%SSR(DCB) 121% (39 - 151) Conc: 12.267231

Analysis Report (B)

Injected on May 15, 2013 23:05:58
Instrument 19843B
Result file CP7127B.009.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 109% (41 - 146) Conc: 10.932931
%SSR(DCB) 127% (39 - 151) Conc: 12.870091

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2538240	10.543187	Tetrachloro-m-xylene	2.66	2.68	2.70	3309757	10.932931
Decachlorobiphenyl	6.43	6.45	6.47	2462619	12.267231	Decachlorobiphenyl	6.21	6.22	6.24	2131399	12.870091

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.932931				3.63	
✓	Decachlorobiphenyl	B	12.870091				4.80	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak	Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**29.68**		**Aroclor-1260**						**32.29**	
4.59	4.61	4.63	632992.5	57.134437			1	4.55	4.56	4.59	1114086.125	87.522643			1
4.79	4.80	4.82	1059537.125	80.858859			2	4.65	4.67	4.69	871276.5625	74.161518			2
4.99	5.01	5.03	1621200	113.406951			3	4.78	4.80	4.82	1537567.375	136.597298			3
5.22	5.24	5.26	463372.25	49.438001			4	5.01	5.03	5.05	555574.1875	55.38427			4
5.46	5.48	5.50	1848084.5	76.078612			5	5.20	5.22	5.24	1616221.5	75.305877			5
5.67	5.68	5.71	1067808	73.695228			6	5.47	5.48	5.51	1181510.625	81.34752			6
Height summation:			**6692994.375**					Height summation:			**6876236.375**				
Concentration		CF:	**75.102015**	L:				Concentration		CF:	**85.053188**	L:			

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260	B	85.053188	17	4.9		12.43	4	40	
☐	Aroclor-1262			<17	<3.3			4	40	
☐	Aroclor-1268			<17	<3.3			4	40	
☐	Total PCBs	A	85.053188	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: MAY 16 2013
Monica M. Souders
Chemist

Verified by: Valerie F. Tomaszko
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051110** RI ACF S8410 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:05:58
Instrument : CP 7--19843A
Result file : cp7127.009.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.543187
%SSR(DCB) : 121% (39-151) Conc.: 12.267231

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**50.36**	
3.55	3.57	3.59	4897.771484	0.953725			3
3.59	3.61	3.63	7044.693359	1.079537			4
3.64	3.66	3.68	2844.466797	0.502878			5
3.83	3.85	3.87	8044.033203	1.825734			6
Height Summation:			**22830.964843**				
Amount Avg CF:			**1.090469**	Linear:			
Aroclor-1221					**1**		
3.01	3.01	3.05	3863.84668	2.423234			2
Height Summation:			**3863.846680**				
Amount Avg CF:			**2.423234**	Linear:			
Aroclor-1232					**4**	**55.48**	
3.55	3.57	3.59	4897.771484	1.971204			3
3.59	3.61	3.63	7044.693359	2.142214			4
3.64	3.66	3.68	2844.466797	1.090756			5
3.83	3.85	3.87	8044.033203	4.165098			6
Height Summation:			**22830.964843**				
Amount Avg CF:			**2.342318**	Linear:			
Aroclor-1242					**4**	**50.56**	
3.55	3.57	3.59	4897.771484	1.136688			3
3.59	3.61	3.63	7044.693359	1.308003			4
3.64	3.66	3.68	2844.466797	0.65988			5
3.83	3.85	3.87	8044.033203	2.280928			6
Height Summation:			**22830.964843**				
Amount Avg CF:			**1.346375**	Linear:			
Aroclor-1248					**6**	**162.98**	
3.71	3.73	3.75	20813.992188	3.544905			1
3.83	3.85	3.87	8044.033203	1.166291			2
3.92	3.93	3.96	14760.067383	2.516381			3
4.09	4.11	4.13	62421.898438	9.225027			4
4.22	4.24	4.26	211024.17187	37.035238			5
4.47	4.49	4.51	628001.125	124.331851			6
Height Summation:			**945065.288087**				
Amount Avg CF:			**29.636616**	Linear:			
Aroclor-1254					**6**	**85.16**	
4.22	4.24	4.26	211024.17187	19.576275			1
4.41	4.43	4.45	39551.777344	5.053914			2
+ 4.41	4.44	4.45	26309.310547	3.361796			2
4.47	4.49	4.51	628001.125	40.039593			3
4.68	4.70	4.72	659984.125	61.873862			4
4.87	4.89	4.91	872180.625	101.774256			5
4.99	5.01	5.03	1621200	145.449769			6
Height Summation:			**4031941.824219**				
Amount Avg CF:			**62.294612**	Linear:			
Aroclor-1260					**6**	**29.68**	
4.59	4.61	4.63	632992.5	57.134437			1
4.79	4.80	4.82	1059537.125	80.858859			2
4.99	5.01	5.03	1621200	113.406951			3
5.22	5.24	5.26	463372.25	49.438001			4
5.46	5.48	5.50	1848084.5	76.078612			5
5.67	5.68	5.71	1067808	73.695228			6
Height Summation:			**6692994.375000**				
Amount Avg CF:			**75.102015**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:05:58
Instrument : CP 7--19843B
Result file : cp7127B.009.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 109% (41-146) Conc.: 10.932931
%SSR(DCB) : 127% (39-151) Conc.: 12.870091

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**106.69**	
2.95	2.98	2.99	26739.476563	4.939122			1
3.28	3.30	3.32	2418.289795	0.383071			2
3.44	3.46	3.48	6713.252441	1.040969			3
* 3.47	3.48	3.51	3041.998535	0.456392			4
+* 3.44	3.48	3.48	3041.998535	0.471698			3
3.55	3.56	3.59	4107.072266	0.612909			5
3.60	3.62	3.64	14241.056641	2.843471			6
+ 3.60	3.64	3.64	14953.136719	2.98565			6
Height Summation:			**57261.146241**				
Amount Avg CF:			**1.712656**	Linear:			
Aroclor-1221					**3**	**73.36**	
2.83	2.85	2.87	28039.009766	9.188659			1
2.90	2.90	2.94	4793.234375	2.207928			2
2.95	2.98	2.99	26739.476563	3.663873			3
Height Summation:			**59571.720704**				
Amount Avg CF:			**5.020153**	Linear:			
Aroclor-1232					**6**	**88.63**	
2.95	2.98	2.99	26739.476563	4.114225			1
3.28	3.30	3.32	2418.289795	0.776901			2
3.44	3.46	3.48	6713.252441	2.369144			3
* 3.47	3.48	3.51	3041.998535	0.886375			4
+* 3.44	3.48	3.48	3041.998535	1.073538			3
3.55	3.56	3.59	4107.072266	1.283582			5
3.60	3.62	3.64	14241.056641	6.972707			6
+ 3.60	3.64	3.64	14953.136719	7.321356			6
Height Summation:			**57261.146241**				
Amount Avg CF:			**2.733822**	Linear:			
Aroclor-1242					**6**	**104.24**	
2.95	2.98	2.99	26739.476563	5.861896			1
3.28	3.30	3.32	2418.289795	0.47646			2
3.44	3.46	3.48	6713.252441	1.316614			3
* 3.47	3.48	3.51	3041.998535	0.545248			4
+* 3.44	3.48	3.48	3041.998535	0.596602			3
3.55	3.56	3.59	4107.072266	0.750311			5
3.60	3.62	3.64	14241.056641	3.778646			6
+ 3.60	3.64	3.64	14953.136719	3.967586			6
Height Summation:			**57261.146241**				
Amount Avg CF:			**2.121529**	Linear:			
Aroclor-1248					**6**	**155.84**	
3.58	3.60	3.62	28289.529297	4.147209			1
3.71	3.73	3.75	12778.74707	1.499086			2
+ 3.81	3.81	3.85	3077.945313	0.527119			3
3.81	3.82	3.85	14799.015625	2.534429			3
3.94	3.96	3.98	162761.40625	14.184735			4
4.08	4.09	4.12	184656.70312	35.37466			5
+ 4.08	4.11	4.12	9543.874023	1.828319			5
4.31	4.33	4.35	643600.125	120.697386			6
Height Summation:			**1046885.526367**				
Amount Avg CF:			**29.739584**	Linear:			

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **7051110** RI ACF S8410 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:05:58
Instrument : CP 7--19843A
Result file : cp7127.009.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**30.16**	
5.06	5.07	5.10	498392.375	36.200894			1
5.22	5.24	5.26	463372.25	38.193037			2
5.46	5.48	5.50	1848084.5	64.661262			3
5.66	5.68	5.70	1067808	57.953987			4
5.72	5.74	5.76	251125.67187	29.753521			5
6.09	6.11	6.13	421251.5625	42.580857			6
Height Summation:			**4550034.359375**				
Amount Avg CF:			**44.890593**	Linear:			
Aroclor-1268					**6**	**111.28**	
5.66	5.68	5.70	1067808	31.269154			1
5.72	5.74	5.76	251125.67187	8.983619			2
5.85	5.87	5.89	47122.839844	1.837493			3
5.92	5.93	5.95	43998.691406	6.300861			4
6.09	6.11	6.13	421251.5625	41.313329			5
6.29	6.31	6.33	111803.21093	1.388473			6
Height Summation:			**1943109.976563**				
Amount Avg CF:			**15.182155**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:05:58
Instrument : CP 7--19843B
Result file : cp7127B.009.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**75.44**	
4.04	4.06	4.08	233728.48437	21.405868			1
4.25	4.27	4.29	132987.20312	14.921241			2
4.31	4.33	4.35	643600.125	42.012699			3
4.48	4.49	4.52	647173.1875	65.065305			4
4.70	4.72	4.74	596983.4375	80.55445			5
4.78	4.80	4.82	1537567.375	137.798888			6
Height Summation:			**3792039.812500**				
Amount Avg CF:			**60.293075**	Linear:			
Aroclor-1260					**6**	**32.29**	
4.55	4.56	4.59	1114086.125	87.522643			1
4.65	4.67	4.69	871276.5625	74.161518			2
4.78	4.80	4.82	1537567.375	136.597298			3
5.01	5.03	5.05	555574.1875	55.38427			4
5.20	5.22	5.24	1616221.5	75.305877			5
5.47	5.48	5.51	1181510.625	81.34752			6
Height Summation:			**6876236.375000**				
Amount Avg CF:			**85.053188**	Linear:			
Aroclor-1262					**6**	**37.08**	
4.82	4.83	4.86	345633.5	26.580435			1
5.01	5.03	5.05	555574.1875	41.203637			2
5.21	5.22	5.24	1616221.5	61.518632			3
5.42	5.44	5.46	276969.15625	27.015108			4
5.47	5.48	5.51	1181510.625	64.837867			5
5.85	5.86	5.89	401289	43.810182			6
Height Summation:			**4377197.968750**				
Amount Avg CF:			**44.160977**	Linear:			
Aroclor-1268					**6**	**112.68**	
5.42	5.44	5.46	276969.15625	9.316198			1
5.47	5.48	5.51	1181510.625	40.273078			2
5.62	5.64	5.66	45180.890625	1.889349			3
5.69	5.71	5.73	36521.902344	6.000324			4
5.85	5.86	5.89	401289	40.742089			5
6.05	6.06	6.09	100974.50781	1.493832			6
Height Summation:			**2042446.082032**				
Amount Avg CF:			**16.619145**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 44.39	4	40	
Aroclor-1221			17	4.6		** 69.78	3	40	
Aroclor-1232			17	8		15.43	4	40	
Aroclor-1242			17	3.3		** 44.70	4	40	
Aroclor-1248			17	3.3		0.35	4	40	
Aroclor-1254			17	3.3		3.27	4	40	
Aroclor-1260			17	4.9		12.43	4	40	
Aroclor-1262			17	3.3		1.64	4	40	
Aroclor-1268			17	3.3		9.04	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051110 RI ACF ABS8410 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 11:05:57 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.009.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		66026	64640
1.704		922	873
1.864		1253	924
1.888		5638	5377
1.936		36322	30352
1.988		4962	9416
2.027		7734	10694
2.092		59306	40152
2.177		1901	1217
2.213		11189	10527
2.278		5359	6808
2.337		3942	3505
2.459		2872	2063
2.476		3273	2471
2.52		2708	2247
2.54		8474	6312
2.738		3488	3029
2.815	TCX	2538240	1632966
2.928		16046	10315
3.013		3864	2641
3.099		1885	1144
3.119		8480	4704
3.133		22866	12315
3.431		3636	3384
3.468		2695	2165
3.573		4898	5989
3.608		7045	5968
3.662		2844	2719
3.728		20814	15880
3.754		6356	4323
3.776		6789	3967
3.848		8044	5901
3.9		6949	5040
3.935		14760	14916
3.975		2752	2038
4		1758	1228
4.055		8741	7431
4.09		69140	47424
4.109		62422	36662
4.133		78560	58014
4.2		43585	39649
4.24		211024	214724
4.274		142676	116605
4.313		13477	10476
4.335		10479	6943
4.376		78188	74806
4.427		39552	27826
4.44		26309	12093
4.456		68982	43274
4.487		628001	555782
4.533		213319	250194
4.569		98068	69000
4.608		632993	614741

RT A	Compound A	Height A	Area A
4.656		74546	63470
4.696		659984	621853
4.725		6977	4013
4.752		151667	149530
4.804		1059537	1285950
4.851		139943	126835
4.893		872181	870576
4.936		68938	51366
4.971		111690	150067
5.009		1621200	1480561
5.032		62446	35200
5.075		498392	454028
5.117		351737	347055
5.218		191262	151549
5.237		463372	392503
5.297		318007	294685
5.336		184991	179714
5.376		29098	31491
5.421		341478	310453
5.447		24483	14756
5.479		1848085	1695326
5.514		16686	10268
5.567		6545	7016
5.603		2381	1524
5.623		2551	1571
5.647		5151	3695
5.685		1067808	1055901
5.739		251126	520198
5.824		4970	4982
5.871		47123	52372
5.934		43999	31815
5.955		159541	133009
6.008		10325	14639
6.075		2058	2294
6.112		421252	424666
6.156		28792	27506
6.226		1445	1528
6.308		111803	113242
6.365		60014	64005
6.451	DCB	2462619	2466255
6.52		3898	5988
6.747		4557	5386
6.888		3763	4080
7.069		1219	4369
7.533		14087	21161
7.75		5205	7443
8.366		2545	4515

LANCASTER LABORATORIES

Sample Number: 7051110 RI ACF ABS8410 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 11:05:57 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.009.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		83039	94364
1.689		1474	1379
1.723		1234	1721
1.843		51738	48360
1.924		7689	6060
1.969		14680	13530
2.01		84159	61598
2.054		3863	4565
2.109		5126	4212
2.168		2695	2092
2.212		7893	10658
2.266		3241	2198
2.37		1889	2281
2.425		13707	13089
2.537		4913	5088
2.68	TCX	3309757	2076483
2.851		28039	18055
2.9		4793	2374
2.979		26739	13672
2.99		14015	5502
3.017		2987	1861
3.103		1199	724
3.132		5188	5222
3.177		2805	2952
3.247		2148	1822
3.297		2418	2178
3.393		7020	7279
3.455		6713	5923
3.476		3042	1562
3.564		4107	2821
3.597		28290	18460
3.621		14241	8003
3.64		14953	9576
3.728		12779	10213
3.774		9740	6874
3.806		3078	1532
3.821		14799	9041
3.86		4714	5102
3.902		10201	9320
3.933		28746	17773
3.957		162761	112189
3.982		70462	44779
4.004		22620	11888
4.021		42525	26568
4.058		233729	178876
4.091		184657	140213
4.111		9544	3737
4.128		12144	8980
4.172		20121	19242
4.208		80933	60334
4.233		10104	9390
4.267		132987	112250
4.302		102322	83790
4.329		643600	632188

4.368		129034	130982
4.424		766768	680401
4.461		87912	72487
4.494		647173	485003
4.519		200175	143897
4.562		1114086	969366
4.669		871277	815487
4.721		596983	521156
4.763		281725	254057
4.801		1537567	1344307
4.833		345634	234343
4.873		331119	275338
4.935		17960	21421
4.975		64604	44067
4.99		29639	17516
5.029		555574	471128
5.054		284327	213743
5.104		354354	331084
5.14		181775	148490
5.167		120651	100862
5.2		120113	73909
5.222		1616222	1358885
5.263		30519	20898
5.298		59088	51775
5.339		2266	2061
5.36		6285	4438
5.414		12136	6965
5.438		276969	248699
5.484		1181511	1234050
5.539		2280	1778
5.564		4480	3630
5.604		1080	891
5.639		45181	39981
5.682		34248	25747
5.708		36522	28316
5.758		183923	168922
5.863		401289	356419
5.894		20492	15488
5.971		1265	1854
6.063		100975	90691
6.124		42468	41482
6.222	DCB	2131399	1920753
6.292		1531	1332
6.401		2047	1802
6.432		4381	3683
6.489		3141	3056
6.641		3686	4915
6.694		1493	1526
7.143		11902	13254
7.745		4157	6498

7051110 RI ACF ABS8410 T 131340008A 10736 SW-846 8082

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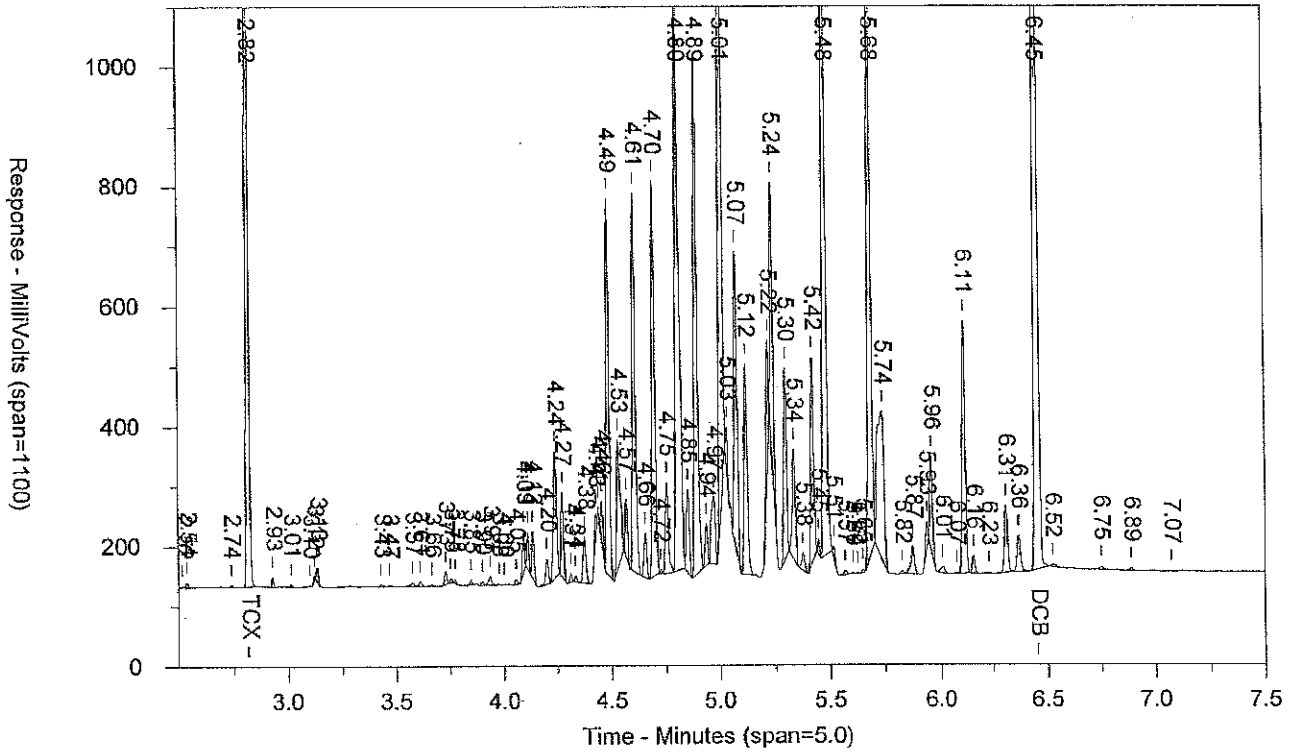

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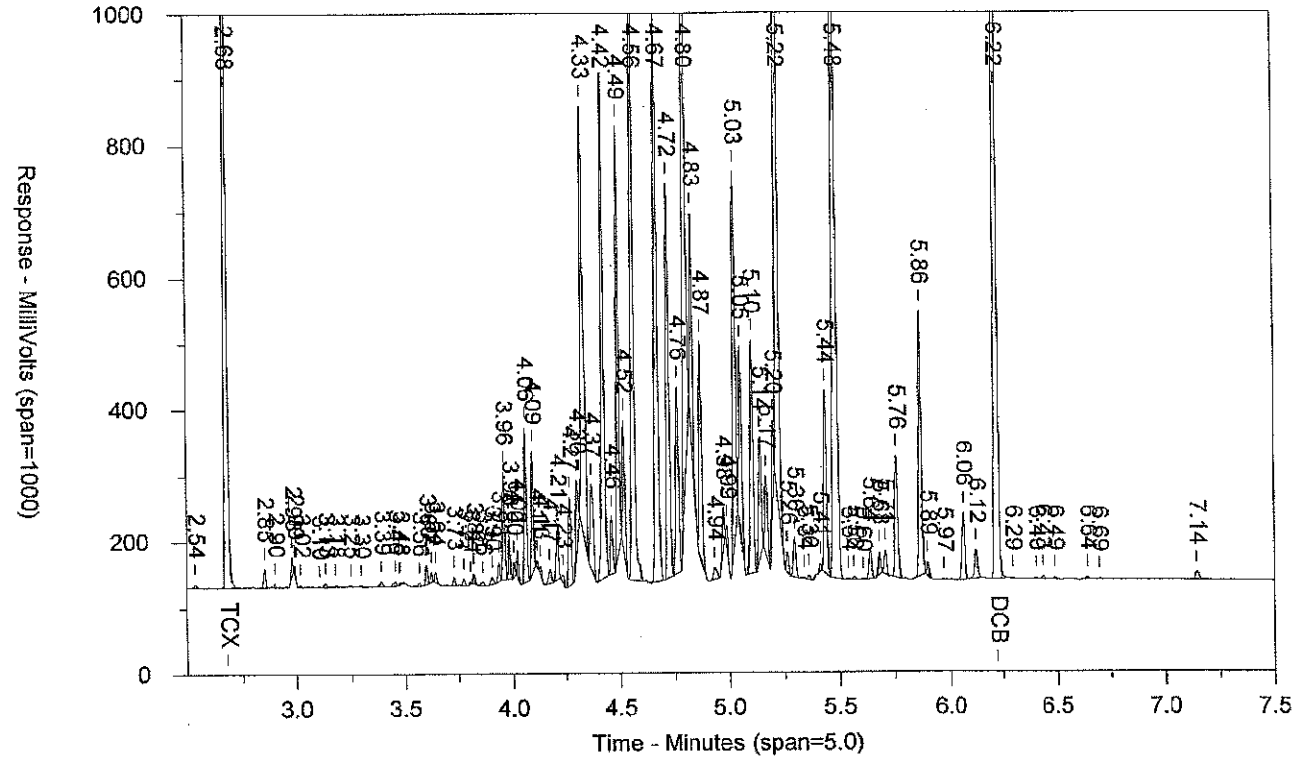

LANCASTER LABORATORIES

Sample Number: 7051110 RI ACF ABS8410 T 131340008A 10736 Sample Weight: 30W-846 8082
Injected On: 5/15/2013 11:05:57 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2538240	10.543	TCX	2.68	3309757	10.933	TCX
6.451	2462619	12.267	DCB	6.222	2131399	12.87	DCB

Files:
Area File: cp7127.009.RAW
Area File: cp7127B.009.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 11:14:39 PM
File Reported On: 5/15/2013 at 11:14:46 PM

7051110 RI ACF ABS8410 T 131340008A 10736 SW-846 8082

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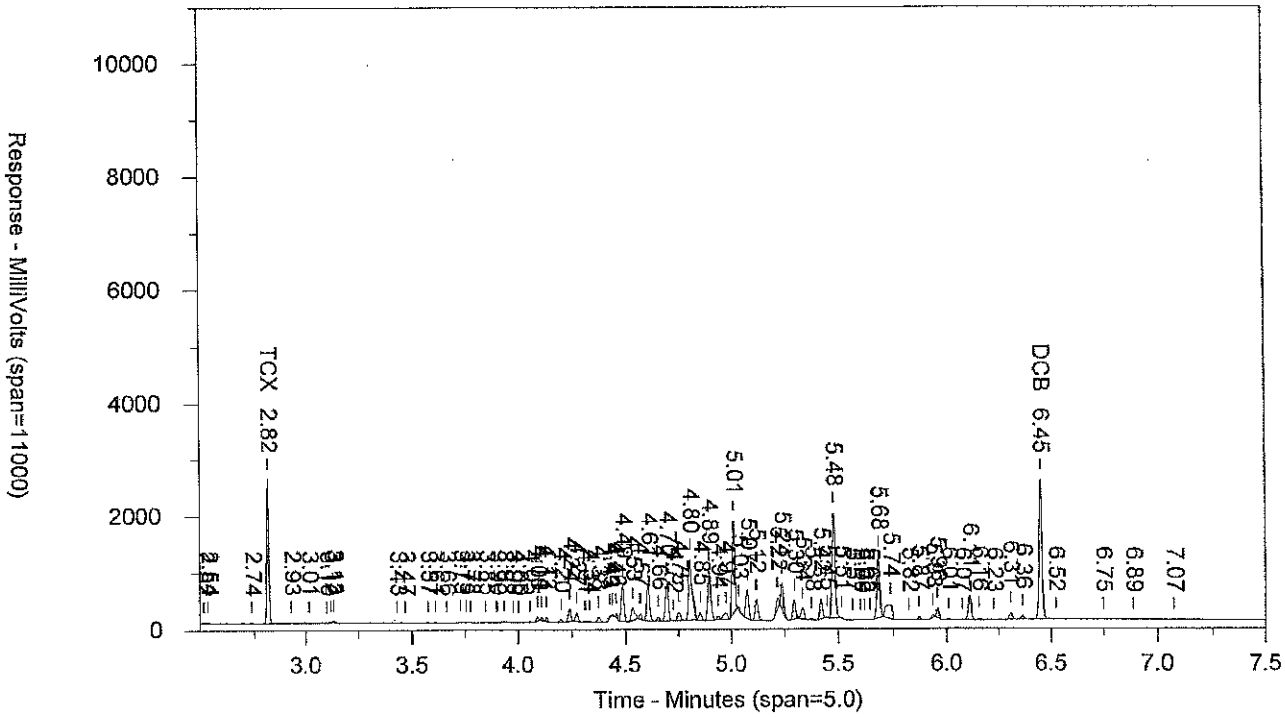

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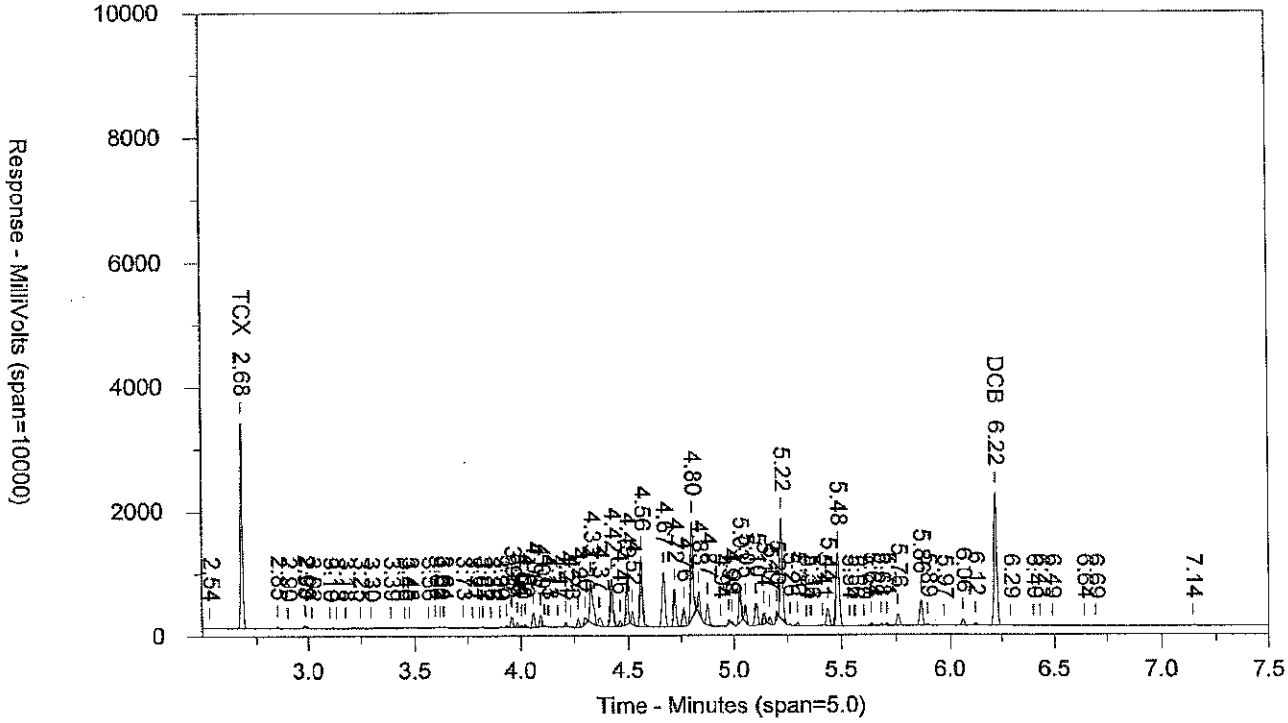

Data Summary

Sample Name: 7051111 RI ACF S8412 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 15:57:10
Instrument 19843A
Result file BP7127.040.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 99% (41 - 146) Conc: 10.015203
%SSR(DCB) 119% (39 - 151) Conc: 12.08377

Analysis Report (B)

Injected on May 15, 2013 15:57:10
Instrument 19843B
Result file BP7127B.040.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 105% (41 - 146) Conc: 10.534377
%SSR(DCB) 124% (39 - 151) Conc: 12.584857

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.81	2.84	2411130	10.015203	Tetrachloro-m-xylene	2.66	2.68	2.70	3189102	10.534377
Decachlorobiphenyl	6.43	6.45	6.47	2425790	12.08377	Decachlorobiphenyl	6.21	6.22	6.24	2084161	12.584857

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.534377				5.05	
✓	Decachlorobiphenyl	B	12.584857				4.06	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260			<17	<4.9			4	40	
	Aroclor-1262			<17	<3.3			4	40	
	Aroclor-1268			<17	<3.3			4	40	
	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomaylo
Analytical Specialist
Date: MAY 20 2013

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **7051111** RI ACF S8412 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:57:10
Instrument : CP 7--19843A
Result file : BP7127.040.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 99% (41-146) Conc.: 10.015203
%SSR(DCB) : 119% (39-151) Conc.: 12.08377

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					5	107.09	
3.38	3.40	3.42	10142.79589	1.943559			2
3.55	3.58	3.59	27404.25390	5.336328			3
3.59	3.61	3.63	4932.720703	0.755896			4
3.64	3.66	3.68	1913.383057	0.33827			5
3.83	3.85	3.87	4611.979492	1.046769			6
Height Summation:			**49005.133056**				
Amount Avg CF:			**1.884164**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3564.585205	2.23555			2
Height Summation:			**3564.585205**				
Amount Avg CF:			**2.23555**	Linear:			
Aroclor-1232					5	106.07	
3.38	3.40	3.42	10142.79589	3.911825			2
3.55	3.58	3.59	27404.25390	11.029378			3
3.59	3.61	3.63	4932.720703	1.499987			4
3.64	3.66	3.68	1913.383057	0.733717			5
3.83	3.85	3.87	4611.979492	2.388024			6
Height Summation:			**49005.133056**				
Amount Avg CF:			**3.912586**	Linear:			
Aroclor-1242					5	103.96	
3.38	3.40	3.42	10142.79589	2.469194			2
3.55	3.58	3.59	27404.25390	6.360052			3
3.59	3.61	3.63	4932.720703	0.915868			4
3.64	3.66	3.68	1913.383057	0.443881			5
3.83	3.85	3.87	4611.979492	1.307751			6
Height Summation:			**49005.133056**				
Amount Avg CF:			**2.299349**	Linear:			
Aroclor-1248					5	103.90	
3.71	3.73	3.75	33581.80468	5.719437			1
3.83	3.85	3.87	4611.979492	0.668683			2
4.09	4.13	4.13	2882.958252	0.426058			4
4.22	4.24	4.26	8077.541504	1.417628			5
4.47	4.49	4.51	10568.93945	2.092442			6
Height Summation:			**59723.223389**				
Amount Avg CF:			**2.06485**	Linear:			
Aroclor-1254					6	81.57	
4.22	4.24	4.26	8077.541504	0.749337			1
4.41	4.44	4.45	1735.379272	0.221746			2
4.47	4.49	4.51	10568.93945	0.673846			3
4.68	4.70	4.72	10488.45312	0.983298			4
4.87	4.89	4.91	16170.99023	1.886984			5
4.99	5.01	5.03	33651.32031	3.019107			6
Height Summation:			**80692.623901**				
Amount Avg CF:			**1.25572**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 15:57:10
Instrument : CP 7--19843B
Result file : BP7127B.040.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.534377
%SSR(DCB) : 124% (39-151) Conc.: 12.584857

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	87.53	
2.95	2.98	2.99	1834.670044	0.338887			1
3.28	3.30	3.32	14299.03808	2.26505			2
3.44	3.45	3.48	1817.381714	0.281806			3
+ 3.47	3.48	3.51	37027.39843	5.555234			4
3.47	3.51	3.51	5069.208496	0.760535			4
3.55	3.57	3.59	2422.054688	0.36145			5
3.60	3.62	3.64	7654.785645	1.528409			6
Height Summation:			**33097.138673**				
Amount Avg CF:			**0.92269**	Linear:			
Aroclor-1221					2	110.50	
2.90	2.90	2.94	4446.626953	2.048268			2
2.95	2.98	2.99	1834.670044	0.251389			3
Height Summation:			**6281.296997**				
Amount Avg CF:			**1.149829**	Linear:			
Aroclor-1232					6	94.37	
2.95	2.98	2.99	1834.670044	0.282288			1
3.28	3.30	3.32	14299.03808	4.593714			2
3.44	3.45	3.48	1817.381714	0.641364			3
+ 3.47	3.48	3.51	37027.39843	10.78901			4
3.47	3.51	3.51	5069.208496	1.477061			4
3.55	3.57	3.59	2422.054688	0.756964			5
3.60	3.62	3.64	7654.785645	3.747937			6
Height Summation:			**33097.138673**				
Amount Avg CF:			**1.916555**	Linear:			
Aroclor-1242					6	88.81	
2.95	2.98	2.99	1834.670044	0.402201			1
3.28	3.30	3.32	14299.03808	2.817247			2
3.44	3.45	3.48	1817.381714	0.356428			3
+ 3.47	3.48	3.51	37027.39843	6.636787			4
3.47	3.51	3.51	5069.208496	0.908604			4
3.55	3.57	3.59	2422.054688	0.442479			5
3.60	3.62	3.64	7654.785645	2.03108			6
Height Summation:			**33097.138673**				
Amount Avg CF:			**1.159673**	Linear:			
Aroclor-1248					5	112.79	
3.58	3.60	3.62	44371.28906	6.504774			1
3.71	3.73	3.75	6553.104492	0.76875			2
3.94	3.96	3.98	4538.865234	0.395564			4
4.08	4.09	4.12	4039.009277	0.773752			5
4.31	4.33	4.35	15700.18359	2.94433			6
Height Summation:			**75202.451660**				
Amount Avg CF:			**2.277434**	Linear:			
Aroclor-1254					6	68.08	
4.04	4.06	4.08	7409.271484	0.678573			1
4.25	4.27	4.29	4748.614258	0.532797			2
4.31	4.33	4.35	15700.18359	1.024871			3
4.48	4.49	4.52	11266.89941	1.132748			4
4.70	4.72	4.74	9489.404297	1.280461			5
4.78	4.80	4.82	32553.68554	2.917506			6
Height Summation:			**81168.058594**				
Amount Avg CF:			**1.261159**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051111** RI ACF S8412 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:57:10
Instrument : CP 7--19843A
Result file : BP7127.040.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	18.57	
4.59	4.61	4.63	17074.875	1.541193			1
4.79	4.80	4.82	26518.06835	2.023733			2
4.99	5.01	5.03	33651.32031	2.353993			3
5.22	5.24	5.26	13257.60937	1.414478			4
5.46	5.48	5.50	42742.53906	1.759548			5
5.67	5.68	5.71	27841.5	1.921493			6
Height Summation:			**161085.912110**				
Amount Avg CF:			**1.83574**	Linear:			
Aroclor-1262					6	20.31	
5.06	5.07	5.10	13466.51953	0.978145			1
5.22	5.24	5.26	13257.60937	1.092746			2
5.46	5.48	5.50	42742.53906	1.495487			3
5.66	5.68	5.70	27841.5	1.511064			4
5.72	5.73	5.76	8107.0625	0.96053			5
6.09	6.11	6.13	12097.05468	1.222792			6
Height Summation:			**117512.285157**				
Amount Avg CF:			**1.210127**	Linear:			
Aroclor-1268					6	119.17	
5.66	5.68	5.70	27841.5	0.815297			1
5.72	5.73	5.76	8107.0625	0.290017			2
5.85	5.87	5.89	27736.93554	1.081565			3
5.92	5.94	5.95	32874.94140	4.707877			4
6.09	6.11	6.13	12097.05468	1.186392			5
6.29	6.31	6.33	24429	0.303381			6
Height Summation:			**133086.494141**				
Amount Avg CF:			**1.397422**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 15:57:10
Instrument : CP 7--19843B
Result file : BP7127B.040.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	19.02	
4.55	4.56	4.59	28508.33789	2.239616			1
4.65	4.67	4.69	21554.90234	1.834715			2
4.78	4.80	4.82	32553.68554	2.892065			3
5.01	5.03	5.05	17919.86718	1.786402			4
5.20	5.22	5.24	41719.5625	1.943872			5
5.47	5.48	5.51	32606.52539	2.244973			6
Height Summation:			**174862.880861**				
Amount Avg CF:			**2.156941**	Linear:			
Aroclor-1262					6	31.51	
4.82	4.83	4.86	11088.99121	0.852783			1
5.01	5.03	5.05	17919.86718	1.32901			2
5.21	5.22	5.24	41719.5625	1.587982			3
5.42	5.44	5.46	7911.215332	0.771647			4
5.47	5.48	5.51	32606.52539	1.789351			5
5.85	5.86	5.89	11627.03222	1.269365			6
Height Summation:			**122873.193849**				
Amount Avg CF:			**1.26669**	Linear:			
Aroclor-1268					6	117.38	
5.42	5.44	5.46	7911.215332	0.266103			1
5.47	5.48	5.51	32606.52539	1.111429			2
5.62	5.64	5.66	28298.45312	1.183369			3
5.69	5.71	5.73	30914.53320	5.079068			4
5.85	5.86	5.89	11627.03222	1.18047			5
6.05	6.06	6.09	22622.8125	0.334685			6
Height Summation:			**133980.571778**				
Amount Avg CF:			**1.525854**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 68.51	4	40	
Aroclor-1221			17	4.6		** 64.14	3	40	
Aroclor-1232			17	8		** 68.48	4	40	
Aroclor-1242			17	3.3		** 65.90	4	40	
Aroclor-1248			17	3.3		9.79	4	40	
Aroclor-1254			17	3.3		0.43	4	40	
Aroclor-1260			17	4.9		16.09	4	40	
Aroclor-1262			17	3.3		4.57	4	40	
Aroclor-1268			17	3.3		8.79	4	40	
Total PCBs			17	8					

Units: ug/kg

Jessica L. Miller
Chemist

MAY 15 2013

LANCASTER LABORATORIES

Sample Number: 7051111 RI ACF ABS8412 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 3:57:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.040.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.574		2352	1942
1.707		1509	2754
1.936		3652	8478
1.998		4824	9774
2.027		11265	15703
2.092		2241	1722
2.114		3808	2801
2.213		19730	16130
2.269		1290	2134
2.471		3525	4020
2.612		1496	1561
2.815	TCX	2411130	1595092
3.012		3565	2182
3.133		2339	2991
3.282		2215	1475
3.336		1898	1379
3.397		10143	7613
3.464		4205	3551
3.58		27404	18609
3.613		4933	4131
3.659		1913	2116
3.7		1317	900
3.728		33582	25205
3.753		6679	4451
3.848		4612	4688
4.09		2523	2761
4.132		2883	3380
4.198		2290	4472
4.24		8078	8213
4.274		2687	1938
4.376		2182	2565
4.441		1735	2685
4.487		10569	10354
4.532		5609	6132
4.571		1815	1319
4.608		17075	15348
4.696		10488	9878
4.766		2610	3024
4.805		26518	31359
4.852		3841	3476
4.893		16171	16101
4.964		5065	6255
5.009		33651	31697
5.075		13467	12722
5.118		8586	8062
5.219		2802	2494
5.238		13258	11197
5.297		9828	9879
5.337		5203	4938
5.377		3003	2662
5.421		8337	8186
5.479		42743	55292
5.652		5074	4953

RT A	Compound A	Height A	Area A
5.585		27842	26044
5.729		8107	15166
5.871		27737	27521
5.935		32875	40798
6.007		6256	7346
6.072		2374	1984
6.111		12097	11718
6.188		1140	2372
6.309		24429	25543
6.365		40565	42569
6.452	DCB	2425790	2378665
6.747		3116	3734
6.889		2592	3113
7.535		9105	13915

LANCASTER LABORATORIES

Sample Number: 7051111 RI ACF ABS8412 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 3:57:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.040.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.528		2399	2666
1.723		2355	2280
1.844		4708	3917
1.923		11565	9155
1.969		26036	21630
2.008		4485	3713
2.055		2490	2485
2.109		5023	4087
2.209		4701	3462
2.267		1350	1180
2.427		1942	2400
2.655		1719	852
2.68	TCX	3189102	2005067
2.803		9882	8302
2.9		4447	2678
2.978		1835	1753
3.017		2878	1949
3.08		1940	1232
3.187		4294	5520
3.227		2109	1331
3.296		14299	10628
3.389		6634	5573
3.445		1817	1680
3.477		37027	25055
3.507		5069	3490
3.565		2422	1776
3.598		44371	29117
3.621		7655	4212
3.727		6553	5925
3.773		2300	2305
3.902		1498	1340
3.957		4539	3158
3.983		2094	1340
4.022		1820	1198
4.059		7409	5548
4.091		4039	3055
4.167		2876	3335
4.212		4329	8379
4.268		4749	4637
4.33		15700	20802
4.369		3162	3051
4.423		20514	17155
4.494		11267	8182
4.519		5806	4090
4.562		28508	26226
4.669		21555	23731
4.722		9489	9154
4.764		5946	6093
4.801		32554	28536
4.833		11089	7927
4.874		8726	6985
4.939		1381	1164
4.976		1910	1435
5.029		17920	14880

5.053		5305	3748
5.104		10728	10097
5.14		4889	3604
5.168		5000	4992
5.201		1874	1220
5.223		41720	35835
5.263		3201	2500
5.298		13057	10818
5.405		1577	1533
5.438		7911	6816
5.484		32607	34569
5.64		28298	27438
5.708		30915	27714
5.76		9474	11999
5.839		1527	1147
5.864		11627	10173
6.063		22623	19518
6.124		29491	28485
6.223	DCB	2084161	1887289
6.488		2687	2680
6.639		2340	2077
7.144		8236	9389

7051111 RI ACF ABS8412 T 131340008A 10736 SW-846 8082

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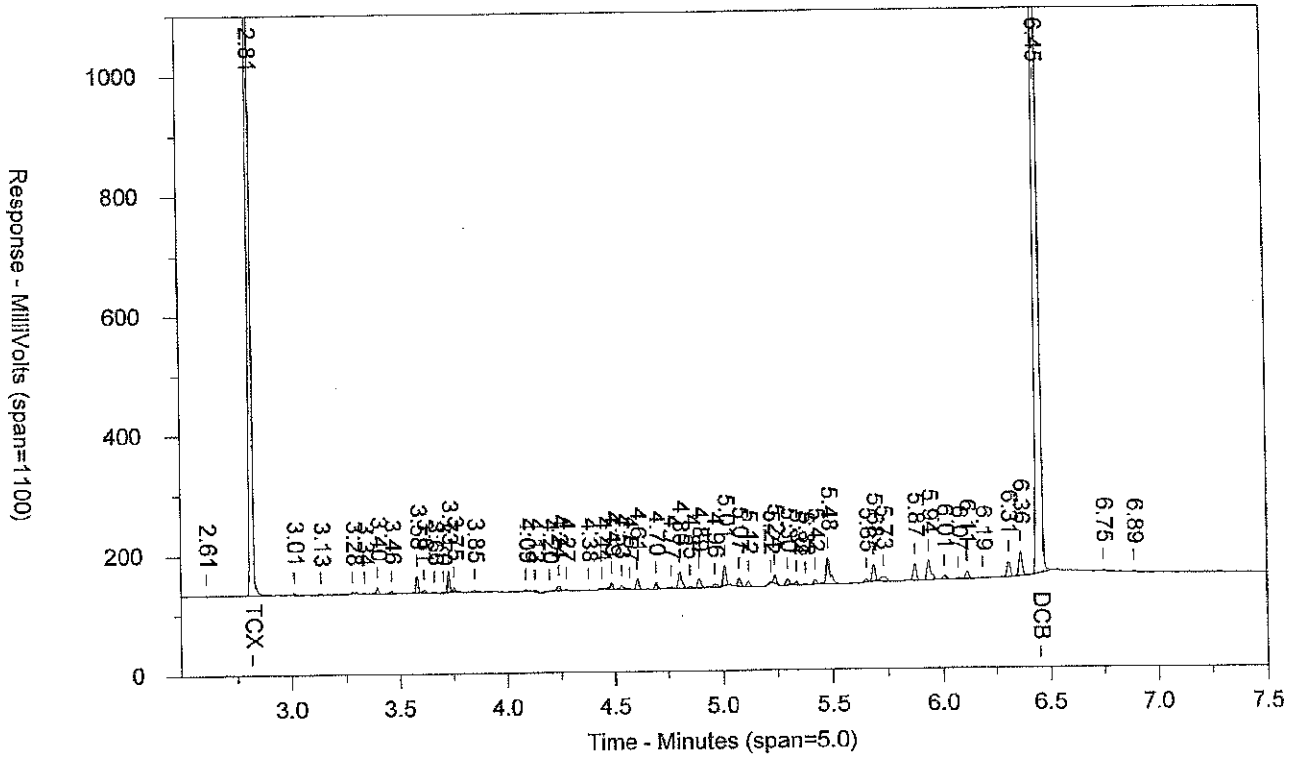

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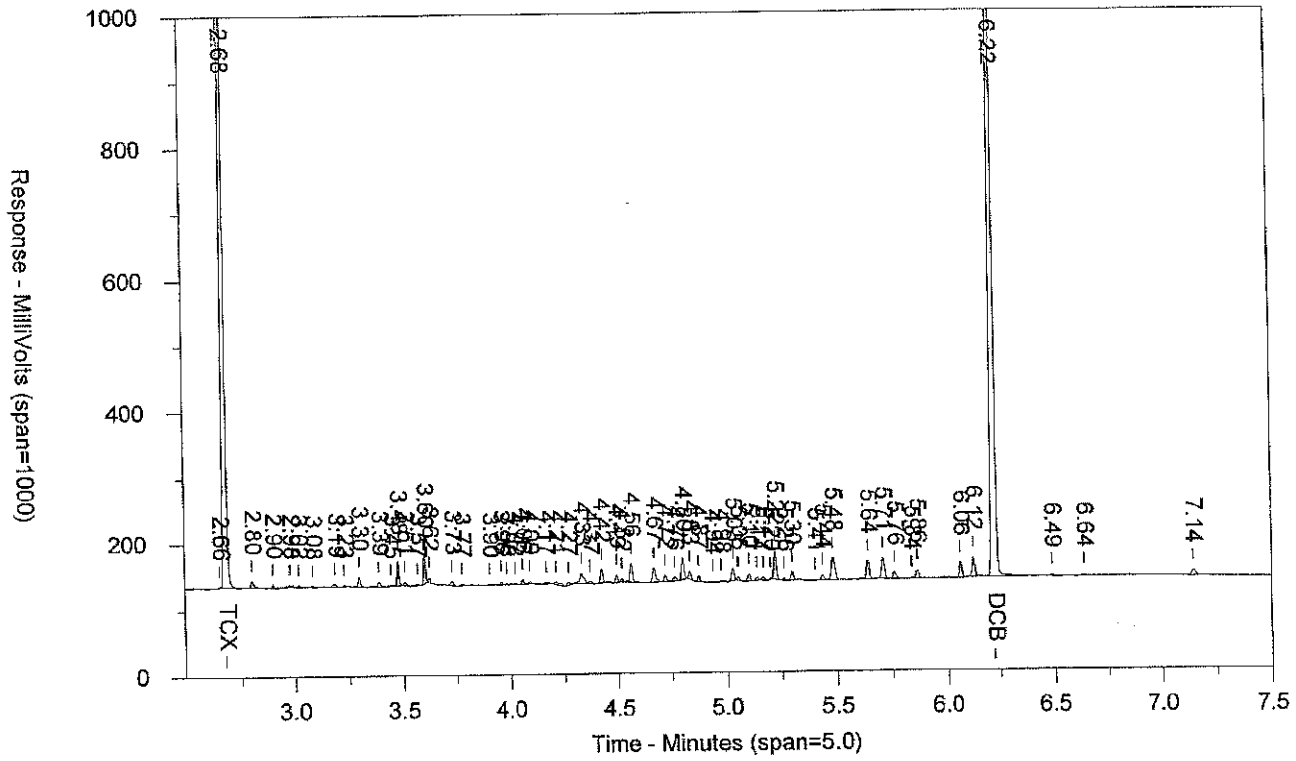

LANCASTER LABORATORIES

Sample Number: 7051111 RI ACF ABS8412 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 3:57:09 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2411130	10.015	TCX	2.68	3189102	10.534	TCX
6.452	2425790	12.084	DCB	6.223	2084161	12.585	DCB

Files:
Area File: BP7127.040.RAW
Area File: BP7127B.040.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 5:32:05 PM
File Reported On: 5/15/2013 at 5:32:33 PM

7051111 RI ACF ABS8412 T 131340008A 10736 SW-846 8082

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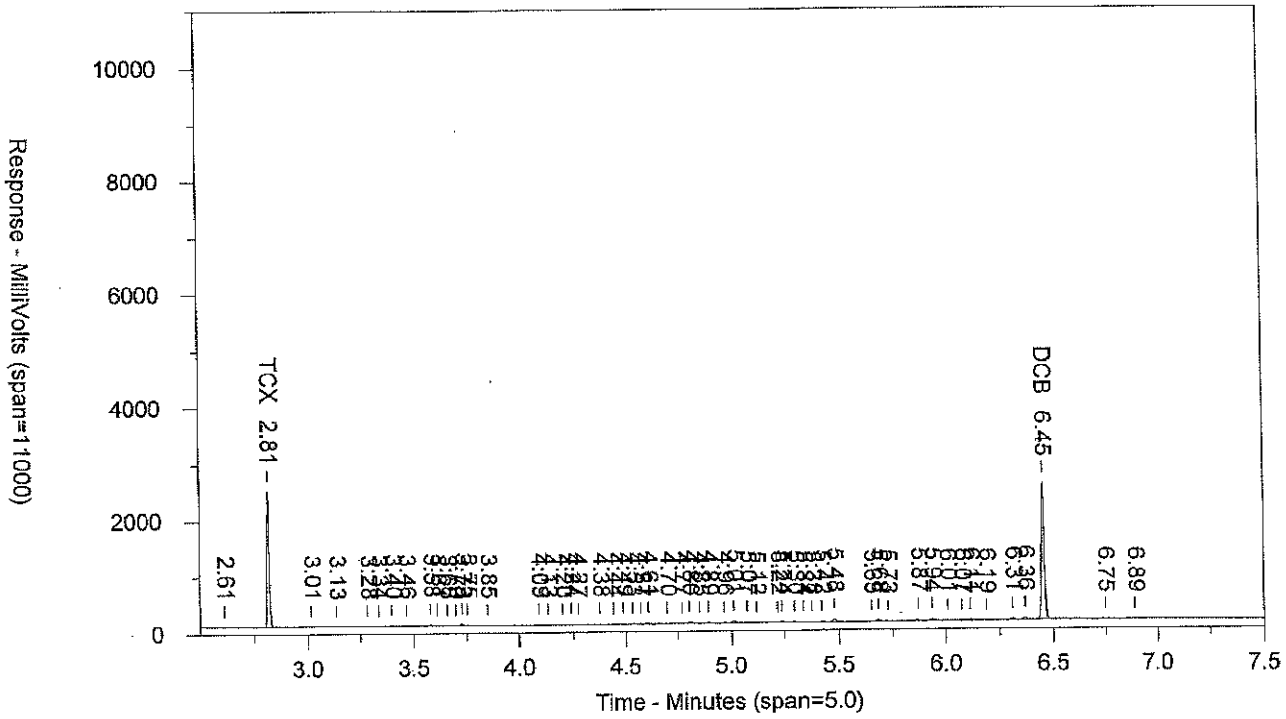

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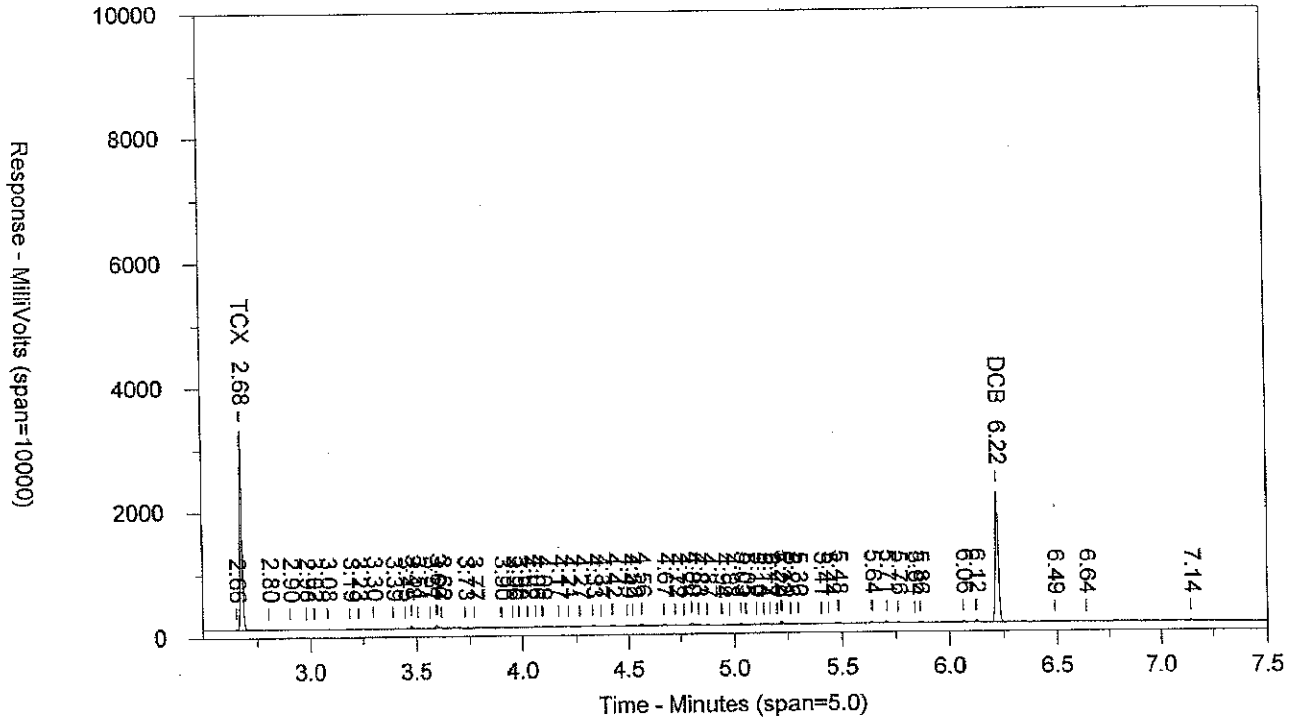

Data Summary

Sample Name: 7051112 RI ACF S8414 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 23:17:22
Instrument 19843A
Result file CP7127.010.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 92% (41 - 146) Conc: 9.2979
%SSR(DCB) 111% (39 - 151) Conc: 11.225656

Analysis Report (B)

Injected on May 15, 2013 23:17:22
Instrument 19843B
Result file CP7127B.010.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 99% (41 - 146) Conc: 9.929317
%SSR(DCB) 117% (39 - 151) Conc: 11.895825

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2238441	9.2979
Decachlorobiphenyl	6.43	6.45	6.47	2253525	11.225656

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3005930	9.929317
Decachlorobiphenyl	6.21	6.22	6.24	1970052	11.895825

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	9.929317				6.57	
✓ Decachlorobiphenyl	B	11.895825				5.80	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**15.98**	
4.59	4.61	4.63	59668.886719	5.385764			1
4.79	4.80	4.82	87264.5625	6.659618			2
4.99	5.01	5.03	106888.03125	7.477082			3
5.22	5.24	5.26	45170.09375	4.819277			4
5.46	5.48	5.50	135486.84375	5.577478			5
5.67	5.68	5.71	86358.851563	5.960093			6

Height summation: **520837.269532**
Concentration CF: **5.979885** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.20**	
4.55	4.56	4.59	93361.953125	7.334518			1
4.65	4.67	4.69	68460.007813	5.827195			2
4.78	4.80	4.82	93903.773438	8.3424			3
5.01	5.03	5.05	56449.519531	5.627359			4
5.20	5.22	5.24	126106.83593	5.875795			5
5.47	5.48	5.51	93373.976563	6.428839			6

Height summation: **531656.066408**
Concentration CF: **6.572684** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260	B	6.572684	<17	4.9	J	9.45	4	40	
☐ Aroclor-1262			<17	<3.3			4	40	
☐ Aroclor-1268			<17	<3.3			4	40	
☐ Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomasko
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051112** RI ACF S8414 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:17:22
Instrument : CP 7--19843A
Result file : cp7127.010.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET
%SSR(TCX) : 92% (41-146) Conc.: 9.2979
%SSR(DCB) : 111% (39-151) Conc.: 11.225656

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**83.11**	
3.38	3.40	3.42	3169.266357	0.607294			2
3.55	3.58	3.59	7691.89502	1.497814			3
3.59	3.61	3.63	1770.385986	0.271296			4
3.64	3.66	3.68	1127.241821	0.199287			5
3.83	3.85	3.87	2393.157227	0.543169			6
Height Summation:			**16151.946411**				
Amount Avg CF:			**0.623772**	Linear:			
Aroclor-1221					**1**		
3.01	3.01	3.05	3131.991455	1.964247			2
Height Summation:			**3131.991455**				
Amount Avg CF:			**1.964247**	Linear:			
Aroclor-1232					**5**	**81.85**	
3.38	3.40	3.42	3169.266357	1.222308			2
3.55	3.58	3.59	7691.89502	3.095754			3
3.59	3.61	3.63	1770.385986	0.538355			4
3.64	3.66	3.68	1127.241821	0.432259			5
3.83	3.85	3.87	2393.157227	1.239146			6
Height Summation:			**16151.946411**				
Amount Avg CF:			**1.305564**	Linear:			
Aroclor-1242					**5**	**79.83**	
3.38	3.40	3.42	3169.266357	0.771536			2
3.55	3.58	3.59	7691.89502	1.785155			3
3.59	3.61	3.63	1770.385986	0.328711			4
3.64	3.66	3.68	1127.241821	0.261506			5
3.83	3.85	3.87	2393.157227	0.678592			6
Height Summation:			**16151.946411**				
Amount Avg CF:			**0.7651**	Linear:			
Aroclor-1248					**5**	**98.74**	
3.71	3.73	3.75	8379.953125	1.42722			1
3.83	3.85	3.87	2393.157227	0.34698			2
3.92	3.94	3.96	2771.92334	0.472573			3
4.22	4.24	4.26	20419.494141	3.583669			5
4.47	4.49	4.51	28167.304688	5.576571			6
Height Summation:			**62131.832521**				
Amount Avg CF:			**2.281403**	Linear:			
Aroclor-1254					**6**	**88.17**	
4.22	4.24	4.26	20419.494141	1.894274			1
4.41	4.44	4.45	10275.516602	1.313002			2
4.47	4.49	4.51	28167.304688	1.795868			3
4.68	4.70	4.72	23728.570313	2.224566			4
4.87	4.89	4.91	41680.664063	4.863693			5
4.99	5.01	5.03	106888.03125	9.589711			6
Height Summation:			**231159.581057**				
Amount Avg CF:			**3.613519**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:17:22
Instrument : CP 7--19843B
Result file : cp7127B.010.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET
%SSR(TCX) : 99% (41-146) Conc.: 9.929317
%SSR(DCB) : 117% (39-151) Conc.: 11.895825

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**96.97**	
2.95	2.98	2.99	14961.935547	2.76366			1
3.28	3.30	3.32	4970.684082	0.787385			2
3.44	3.45	3.48	1527.632324	0.236877			3
* 3.47	3.48	3.51	11048.173828	1.657562			4
+* 3.44	3.48	3.48	11048.173828	1.713149			3
3.55	3.56	3.59	987.014221	0.147295			5
3.60	3.62	3.64	3092.636475	0.617498			6
+ 3.60	3.64	3.64	4824.015625	0.963197			6
Height Summation:			**36588.076477**				
Amount Avg CF:			**1.035046**	Linear:			
Aroclor-1221					**3**	**26.63**	
2.83	2.85	2.87	3747.913086	1.228228			1
2.90	2.90	2.94	4434.331055	2.042605			2
2.95	2.98	2.99	14961.935547	2.050101			3
Height Summation:			**23144.179688**				
Amount Avg CF:			**1.773645**	Linear:			
Aroclor-1232					**6**	**68.83**	
2.95	2.98	2.99	14961.935547	2.302093			1
3.28	3.30	3.32	4970.684082	1.596884			2
3.44	3.45	3.48	1527.632324	0.53911			3
* 3.47	3.48	3.51	11048.173828	3.219207			4
+* 3.44	3.48	3.48	11048.173828	3.898961			3
3.55	3.56	3.59	987.014221	0.308471			5
3.60	3.62	3.64	3092.636475	1.514217			6
+ 3.60	3.64	3.64	4824.015625	2.361935			6
Height Summation:			**36588.076477**				
Amount Avg CF:			**1.579997**	Linear:			
Aroclor-1242					**6**	**93.88**	
2.95	2.98	2.99	14961.935547	3.279993			1
3.28	3.30	3.32	4970.684082	0.979342			2
3.44	3.45	3.48	1527.632324	0.299602			3
* 3.47	3.48	3.51	11048.173828	1.980274			4
+* 3.44	3.48	3.48	11048.173828	2.166787			3
3.55	3.56	3.59	987.014221	0.180315			5
3.60	3.62	3.64	3092.636475	0.820584			6
+ 3.60	3.64	3.64	4824.015625	1.279979			6
Height Summation:			**36588.076477**				
Amount Avg CF:			**1.256685**	Linear:			
Aroclor-1248					**6**	**63.74**	
3.58	3.60	3.62	12011.700195	1.7609			1
3.71	3.72	3.75	7863.733398	0.922501			2
3.81	3.82	3.85	1484.980103	0.254313			3
3.94	3.96	3.98	13658.592773	1.190353			4
4.08	4.09	4.12	10518.56543	2.01504			5
4.31	4.33	4.35	16417.775391	3.078903			6
Height Summation:			**61955.347290**				
Amount Avg CF:			**1.537002**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051112** RI ACF S8414 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:17:22
Instrument : CP 7--19843A
Result file : cp7127.010.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**15.98**	
4.59	4.61	4.63	59668.886719	5.385764			1
4.79	4.80	4.82	87264.5625	6.659618			2
4.99	5.01	5.03	106888.03125	7.477082			3
5.22	5.24	5.26	45170.09375	4.819277			4
5.46	5.48	5.50	135486.84375	5.577478			5
5.57	5.68	5.71	86358.851563	5.960093			6
Height Summation:			**520837.269532**				
Amount Avg CF:			**5.979885**	Linear:			
Aroclor-1262					**6**	**21.47**	
5.06	5.08	5.10	47122.671875	3.422771			1
5.22	5.24	5.26	45170.09375	3.723104			2
5.46	5.48	5.50	135486.84375	4.740449			3
5.66	5.68	5.70	86358.851563	4.687022			4
5.72	5.73	5.76	21876.982422	2.591998			5
6.09	6.11	6.13	35641.878906	3.602744			6
Height Summation:			**371657.322266**				
Amount Avg CF:			**3.794681**	Linear:			
Aroclor-1268					**6**	**66.20**	
5.66	5.68	5.70	86358.851563	2.528889			1
5.72	5.73	5.76	21876.982422	0.782614			2
5.85	5.87	5.89	33184.871094	1.294			3
5.92	5.94	5.95	16219.639648	2.322744			4
6.09	6.11	6.13	35641.878906	3.4955			5
6.29	6.31	6.33	28316.351563	0.351658			6
Height Summation:			**221598.575196**				
Amount Avg CF:			**1.795901**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:17:22
Instrument : CP 7--19843B
Result file : cp7127B.010.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**89.32**	
4.04	4.06	4.08	22727.224609	2.081458			1
4.25	4.27	4.29	13451.316406	1.509245			2
4.31	4.33	4.35	16417.775391	1.071714			3
4.48	4.49	4.52	23185.519531	2.331019			4
4.70	4.72	4.74	20515.757813	2.768311			5
4.78	4.80	4.82	93903.773438	8.415784			6
Height Summation:			**190201.367188**				
Amount Avg CF:			**3.029589**	Linear:			
Aroclor-1260					**6**	**16.20**	
4.55	4.56	4.59	93361.953125	7.334518			1
4.65	4.67	4.69	68460.007813	5.827195			2
4.78	4.80	4.82	93903.773438	8.3424			3
5.01	5.03	5.05	56449.519531	5.627359			4
5.20	5.22	5.24	126106.83593	5.875795			5
5.47	5.48	5.51	93373.976563	6.428839			6
Height Summation:			**531856.066408**				
Amount Avg CF:			**6.572684**	Linear:			
Aroclor-1262					**6**	**26.48**	
4.82	4.83	4.86	39412.574219	3.030966			1
5.01	5.03	5.05	56449.519531	4.186526			2
5.21	5.22	5.24	126106.83593	4.800035			3
5.42	5.44	5.46	24533.964844	2.393002			4
5.47	5.48	5.51	93373.976563	5.124092			5
5.85	5.86	5.89	38381.808594	4.190282			6
Height Summation:			**378258.679689**				
Amount Avg CF:			**3.954151**	Linear:			
Aroclor-1268					**6**	**79.82**	
5.42	5.44	5.46	24533.964844	0.82523			1
5.47	5.48	5.51	93373.976563	3.182754			2
5.62	5.64	5.66	33557.042969	1.40327			3
5.69	5.71	5.73	34342.839844	5.642317			4
5.85	5.86	5.89	38381.808594	3.89683			5
6.05	6.06	6.09	25473	0.376851			6
Height Summation:			**249662.632814**				
Amount Avg CF:			**2.554542**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 49.59	4	40	
Aroclor-1221			17	4.6		10.20	3	40	
Aroclor-1232			17	8		19.02	4	40	
Aroclor-1242			17	3.3		** 48.63	4	40	
Aroclor-1248			17	3.3		38.99	4	40	
Aroclor-1254			17	3.3		17.58	4	40	
Aroclor-1260			17	4.9		9.45	4	40	
Aroclor-1262			17	3.3		4.12	4	40	
Aroclor-1268			17	3.3		34.88	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051112 RI ACF ABS8414 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 11:17:21 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.010.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		3849	3155
1.634		3495	8662
1.703		11388	12889
1.731		7665	9223
1.777		3146	3734
1.812		1456	829
1.889		3202	2378
1.937		5324	4931
1.991		7724	14898
2.027		15136	19628
2.092		5282	3981
2.115		5602	7540
2.177		3033	4224
2.213		14976	14987
2.268		3090	6117
2.336		3819	4388
2.384		7117	7152
2.459		3722	4350
2.519		2031	1999
2.54		2703	1833
2.626		1248	1013
2.737		2279	1779
2.815	TCX	2238441	1459756
2.882		2962	1607
2.93		1191	1035
3.012		3132	2203
3.097		1435	927
3.132		13571	13089
3.284		2684	4477
3.398		3169	2031
3.433		2034	1805
3.468		2488	2310
3.58		7692	6439
3.608		1770	1771
3.661		1127	1641
3.728		8380	6784
3.848		2393	3050
3.902		1155	841
3.938		2772	3908
4.056		3631	3576
4.09		8190	5698
4.133		9263	10473
4.198		10382	23110
4.24		20419	19672
4.275		7732	6636
4.377		5222	7463
4.441		10276	16662
4.486		28167	24036
4.532		21843	24143
4.568		5238	3487
4.607		59669	53394
4.656		2240	1721
4.696		23729	23201

RT A	Compound A	Height A	Area A
4.731		2107	1962
4.804		87265	109377
4.851		19183	17784
4.894		41681	44775
4.937		1858	1295
4.966		9690	13487
5.008		106888	115087
5.075		47123	46746
5.117		32306	30835
5.218		6384	4912
5.238		45170	36966
5.296		29726	29144
5.335		14632	13815
5.375		4717	4554
5.421		23265	23617
5.479		135487	146569
5.589		1667	3494
5.649		2719	2643
5.684		86359	81371
5.727		21877	44369
5.87		33185	34756
5.936		16220	12913
6.008		9512	11946
6.072		3016	2628
6.111		35642	36670
6.157		4538	4386
6.227		1383	2577
6.307		28316	28905
6.364		50002	54646
6.451	DCB	2253525	2267932
6.654		2256	2712
6.746		7156	7795
6.888		11920	30980
6.993		29046	43610
7.051		3852	6842
7.147		2381	10344
7.283		1822	5799
7.532		18586	26379
7.748		6665	10602
8.366		2294	3858

LANCASTER LABORATORIES

Sample Number: 7051112 RI ACF ABS8414 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 11:17:21 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.010.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		4920	6616
1.569		1432	1219
1.666		2030	1510
1.689		8976	6815
1.72		11357	10485
1.808		2265	2177
1.841		9252	9172
1.885		2241	2340
1.923		14671	11255
1.969		17581	15198
2.009		7508	5642
2.057		4723	5543
2.11		6186	6283
2.169		1472	2065
2.205		3086	2753
2.266		4129	2822
2.342		7875	5189
2.37		2230	2795
2.426		3981	2816
2.494		1822	1211
2.537		3187	3543
2.624		1160	979
2.68	TCX	3005930	1885344
2.787		4714	2360
2.803		4043	2139
2.849		3748	2995
2.9		4434	2792
2.978		14962	7620
3.017		3120	2252
3.129		3497	3099
3.185		2850	3039
3.296		4971	2903
3.391		7785	9764
3.446		1528	1704
3.476		11048	7882
3.562		987	1177
3.598		12012	7828
3.621		3093	1632
3.641		4824	3677
3.725		7864	11851
3.775		3977	7022
3.821		1485	1201
3.902		4684	4640
3.956		13659	9336
3.984		3748	2390
4.003		1526	674
4.022		5053	3165
4.058		22727	16902
4.091		10519	7633
4.168		5650	7389
4.21		3825	2606
4.268		13451	12887
4.312		3884	3678
4.33		16418	9357

4.368		11265	11310
4.423		66874	55616
4.459		2602	2128
4.493		23186	16852
4.519		21935	15889
4.562		93362	77708
4.669		68460	71808
4.722		20516	20714
4.762		20055	18707
4.8		93904	83215
4.833		39413	28397
4.873		28463	23040
4.911		2062	1302
4.946		4714	5706
4.975		8787	9696
5.028		56450	49393
5.054		13007	9292
5.103		31385	29728
5.139		14719	10897
5.167		13255	12619
5.2		5309	2970
5.222		126107	111000
5.263		2514	1888
5.298		15516	12863
5.328		2305	3653
5.41		3507	3873
5.438		24534	20778
5.484		93374	98932
5.64		33557	32810
5.684		1962	1164
5.708		34343	30070
5.758		20108	21051
5.862		38382	52956
5.895		2054	1521
5.986		1008	788
6.063		25473	21114
6.124		36298	33755
6.159		1162	725
6.223	DCB	1970052	1771842
6.399		1444	3543
6.432		7188	7555
6.486		8593	8002
6.539		3820	4483
6.638		9128	13620
6.685		1974	4842
6.777		2575	6550
6.853		2640	8828
6.915		21625	20657
7.143		15710	16875
7.742		5339	7329

7051112 RI ACF ABS8414 T 131340008A 10736 SW-846 8082

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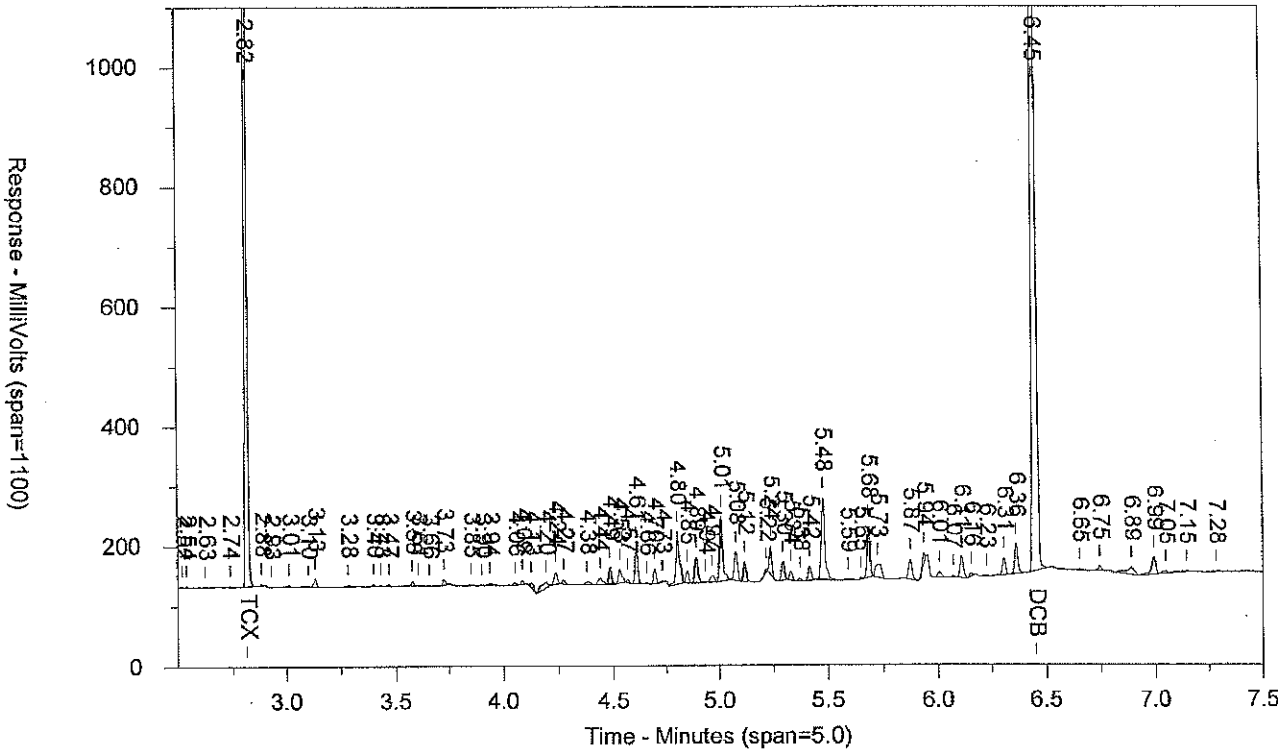

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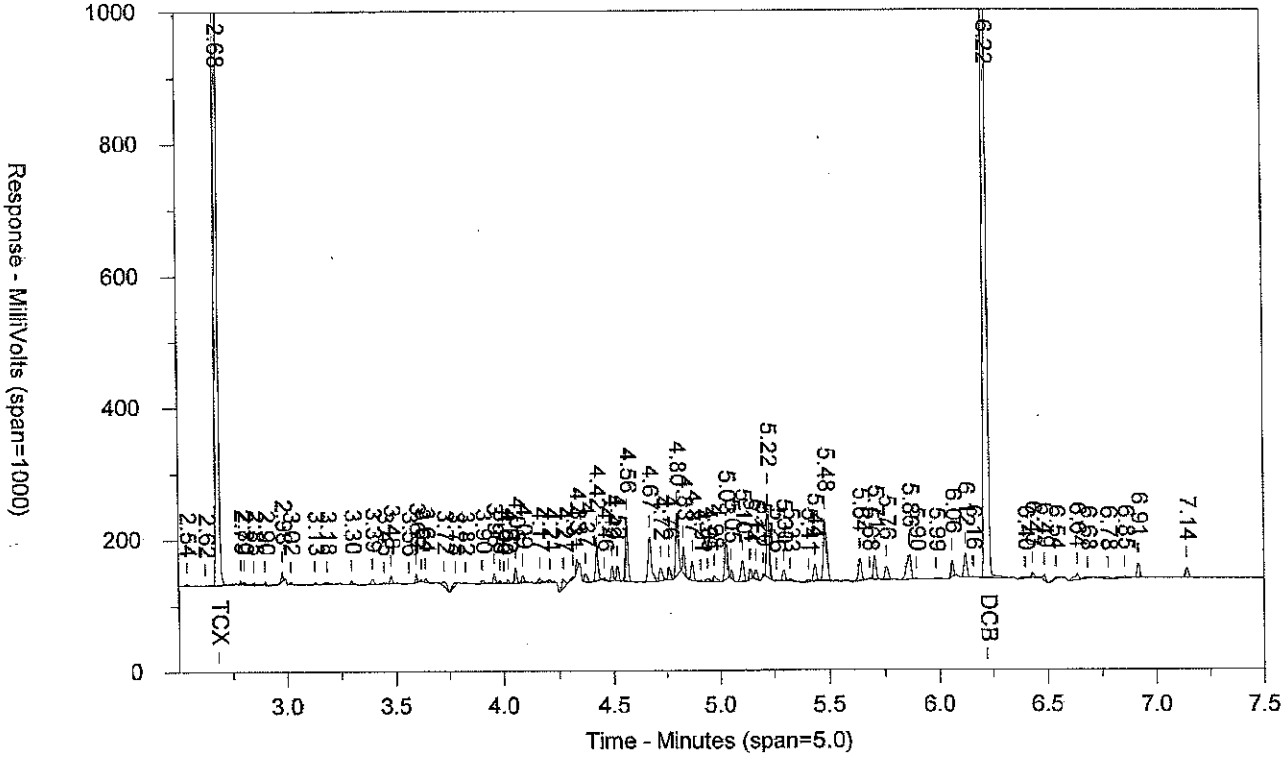

LANCASTER LABORATORIES

Sample Number: 7051112 RI ACF ABS8414 T 131340008A 10736 Sample Weight: 30W-846 8082
Injected On: 5/15/2013 11:17:21 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2238441	9.298	TCX	2.68	3005930	9.929	TCX
6.451	2253525	11.226	DCB	6.223	1970052	11.896	DCB

Files:
Area File: cp7127.010.RAW
Area File: cp7127B.010.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 11:26:02 PM
File Reported On: 5/15/2013 at 11:26:06 PM

7051112 RI ACF ABS8414 T 131340008A 10736 SW-846 8082

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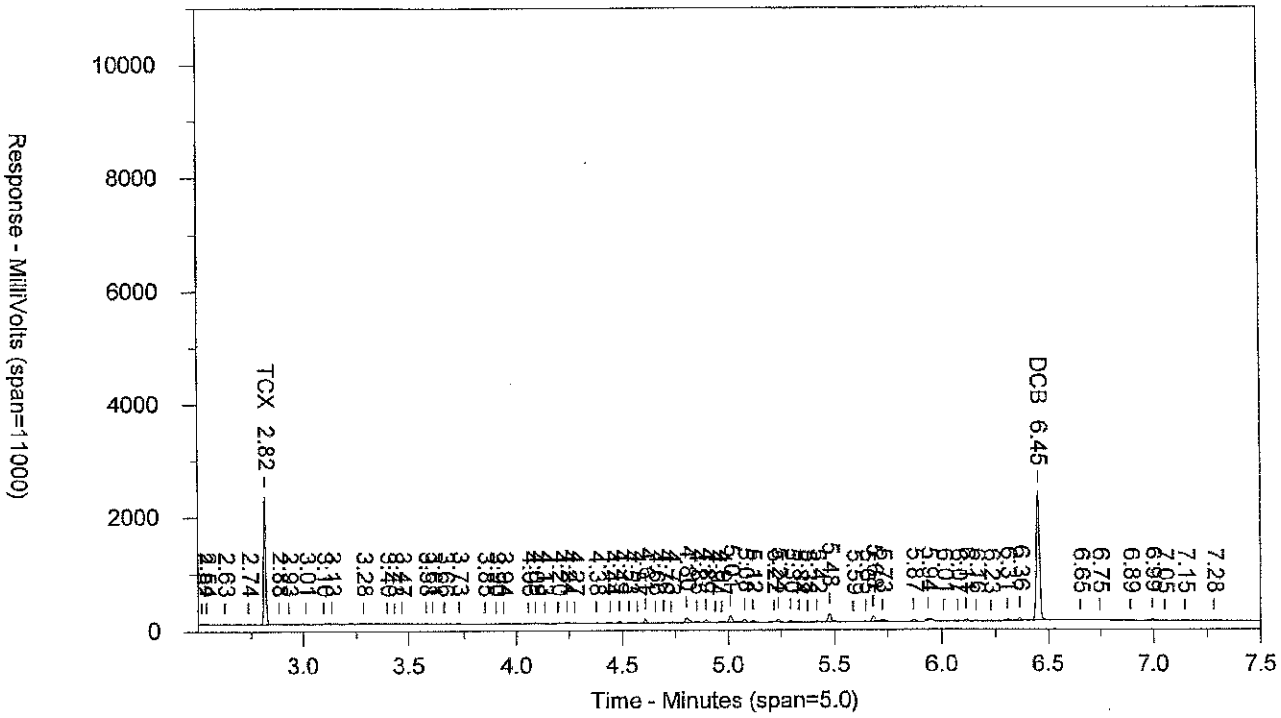

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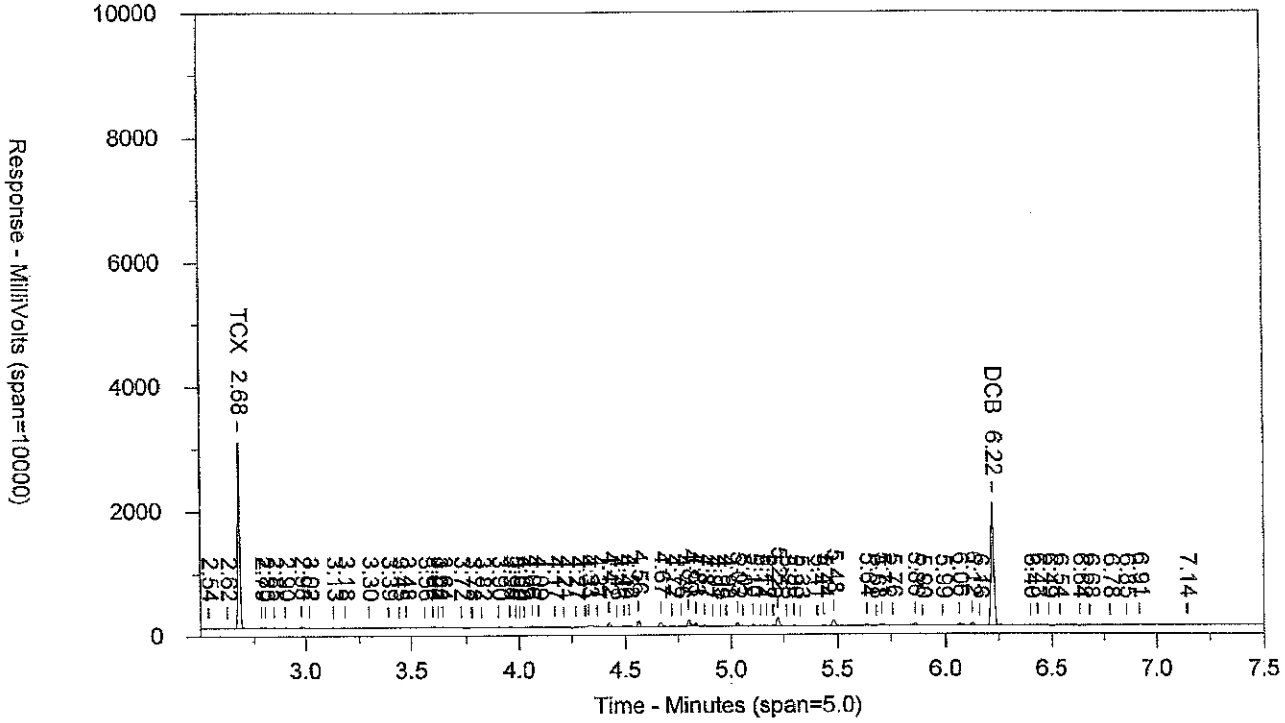

Data Summary

Sample Name: 7051113 RI ACF S8506 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 16:53:54
Instrument	19843A
Result file	BP7127.045.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 102% (41 - 146) Conc: 10.260553
%SSR(DCB) 114% (39 - 151) Conc: 11.581473

Analysis Report (B)

Injected on	May 15, 2013 16:53:54
Instrument	19843B
Result file	BP7127B.045.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 105% (41 - 146) Conc: 10.527741
%SSR(DCB) 123% (39 - 151) Conc: 12.484508

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.81	2.84	2470197	10.260553	Tetrachloro-m-xylene	2.66	2.68	2.70	3187093	10.527741
Decachlorobiphenyl	6.43	6.45	6.47	2324955	11.581473	Decachlorobiphenyl	6.21	6.22	6.24	2067543	12.484508

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	10.527741				2.57	
✓ Decachlorobiphenyl	B	12.484508				7.50	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**41.55**	
4.59	4.61	4.63	45240.492188	4.083445			1
4.79	4.80	4.82	84099.007813	6.418038			2
4.99	5.01	5.03	122750.6875	8.586714			3
5.22	5.24	5.26	25101.962891	2.678173			4
5.46	5.48	5.50	98518.734375	4.055642			5
5.67	5.68	5.71	66293.140625	4.57525			6

Height summation: **442004.025392**
Concentration CF: **5.06621** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**46.07**	
4.55	4.56	4.59	90000.71875	7.070459			1
4.65	4.67	4.69	65897.867188	5.60911			2
4.78	4.80	4.82	125951.65625	11.18953			3
5.01	5.03	5.05	33529.890625	3.342539			4
5.20	5.22	5.24	90288.835938	4.206899			5
5.47	5.48	5.51	73960.867188	5.092238			6

Height summation: **479629.835939**
Concentration CF: **6.085129** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓ Aroclor-1016			<17	<3.6			4	40	
✓ Aroclor-1221			<17	<4.6			3	40	
✓ Aroclor-1232			<17	<8			4	40	
✓ Aroclor-1242			<17	<3.3			4	40	
✓ Aroclor-1248			<17	<3.3			4	40	
✓ Aroclor-1254			<17	<3.3			4	40	
✓ Aroclor-1260	B	6.085129	<17	4.9	J	18.27	4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: Monica M. Souders Chemist
MAY 16 2013

Verified by: Valerie L. Tomayko
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051113** RI ACF S8506 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 16:53:54
Instrument : CP 7--19843A
Result file : BP7127.045.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 102% (41-146) Conc.: 10.260553
%SSR(DCB) : 114% (39-151) Conc.: 11.581473

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	57.78	
3.59	3.61	3.63	2324.949951	0.356278			4
3.83	3.85	3.87	3738.734863	0.848571			6
Height Summation:			**6063.684814**				
Amount Avg CF:			**0.602425**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3519.773926	2.207447			2
Height Summation:			**3519.773926**				
Amount Avg CF:			**2.207447**	Linear:			
Aroclor-1232					2	65.76	
3.59	3.61	3.63	2324.949951	0.706992			4
3.83	3.85	3.87	3738.734863	1.935869			6
Height Summation:			**6063.684814**				
Amount Avg CF:			**1.321431**	Linear:			
Aroclor-1242					2	59.58	
3.59	3.61	3.63	2324.949951	0.431678			4
3.83	3.85	3.87	3738.734863	1.060138			6
Height Summation:			**6063.684814**				
Amount Avg CF:			**0.745908**	Linear:			
Aroclor-1248					6	126.92	
3.71	3.73	3.75	4995.830078	0.850858			1
3.83	3.85	3.87	3738.734863	0.542073			2
3.92	3.93	3.96	2307.201416	0.393345			3
4.09	4.11	4.13	23797.47265	3.516912			4
+ 4.09	4.13	4.13	21487.97851	3.175603			4
4.22	4.24	4.26	48085.52343	8.439122			5
4.47	4.49	4.51	83375.48437	16.506703			6
Height Summation:			**166300.246826**				
Amount Avg CF:			**5.041502**	Linear:			
Aroclor-1254					6	47.38	
4.22	4.24	4.26	48085.52343	4.460794			1
4.41	4.43	4.45	35076.10937	4.482015			2
4.47	4.49	4.51	83375.48437	5.315787			3
4.68	4.70	4.72	107260.3437	10.055714			4
4.87	4.89	4.91	114321.3437	13.340092			5
4.99	5.01	5.03	122750.6875	11.012866			6
Height Summation:			**510869.492188**				
Amount Avg CF:			**8.111211**	Linear:			
Aroclor-1260					6	41.55	
4.59	4.61	4.63	45240.49218	4.083445			1
4.79	4.80	4.82	84099.00781	6.418038			2
4.99	5.01	5.03	122750.6875	8.586714			3
5.22	5.24	5.26	25101.96289	2.678173			4
5.46	5.48	5.50	98518.73437	4.055642			5
5.67	5.68	5.71	66293.14062	4.57525			6
Height Summation:			**442004.025392**				
Amount Avg CF:			**5.06621**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 16:53:54
Instrument : CP 7--19843B
Result file : BP7127B.045.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.527741
%SSR(DCB) : 123% (39-151) Conc.: 12.484508

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					5	56.07	
2.95	2.98	2.99	3537.361084	0.653396			1
3.28	3.31	3.32	1699.708008	0.269243			2
3.44	3.44	3.48	1241.061646	0.192441			3
3.47	3.49	3.51	1896.066406	0.284468			4
3.60	3.62	3.64	3446.471191	0.688147			6
Height Summation:			**11820.668335**				
Amount Avg CF:			**0.417539**	Linear:			
Aroclor-1221					2	91.16	
2.90	2.90	2.94	4869.187012	2.242914			2
2.95	2.98	2.99	3537.361084	0.484693			3
Height Summation:			**8406.548096**				
Amount Avg CF:			**1.363804**	Linear:			
Aroclor-1232					5	69.55	
2.95	2.98	2.99	3537.361084	0.54427			1
3.28	3.31	3.32	1699.708008	0.546049			2
3.44	3.44	3.48	1241.061646	0.437977			3
3.47	3.49	3.51	1896.066406	0.552474			4
3.60	3.62	3.64	3446.471191	1.687461			6
Height Summation:			**11820.668335**				
Amount Avg CF:			**0.753646**	Linear:			
Aroclor-1242					5	57.84	
2.95	2.98	2.99	3537.361084	0.775469			1
3.28	3.31	3.32	1699.708008	0.334883			2
3.44	3.44	3.48	1241.061646	0.243399			3
3.47	3.49	3.51	1896.066406	0.339851			4
3.60	3.62	3.64	3446.471191	0.914468			6
Height Summation:			**11820.668335**				
Amount Avg CF:			**0.521614**	Linear:			
Aroclor-1248					6	125.72	
3.58	3.60	3.62	6792.90332	0.995831			1
3.71	3.73	3.75	5997.519531	0.703574			2
3.81	3.82	3.85	3099.818848	0.530864			3
3.94	3.96	3.98	50456.50390	4.397309			4
4.08	4.09	4.12	42280.375	8.099646			5
+ 4.08	4.11	4.12	6244.355957	1.19623			5
4.31	4.33	4.35	97413.28906	18.268376			6
Height Summation:			**206040.409668**				
Amount Avg CF:			**5.499267**	Linear:			
Aroclor-1254					6	42.67	
4.04	4.06	4.08	55787.25	5.109238			1
4.25	4.27	4.29	48865.31640	5.482717			2
4.31	4.33	4.35	97413.28906	6.35891			3
4.48	4.49	4.52	113375.3437	11.398496			4
4.70	4.72	4.74	105967.7031	14.298839			5
4.78	4.80	4.82	125951.6562	11.287959			6
Height Summation:			**547360.558594**				
Amount Avg CF:			**8.98936**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 7051113 RI ACF S8506 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 16:53:54
Instrument : CP 7--19843A
Result file : BP7127.045.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**5**	**28.54**	
5.06	5.07	5.10	26680.63476	1.937957			1
5.22	5.24	5.26	25101.96289	2.069007			2
5.46	5.48	5.50	98518.73437	3.446999			3
5.66	5.68	5.70	66293.14062	3.59798			4
6.09	6.11	6.13	24591.84765	2.485788			6
Height Summation:			**241186.320313**				
Amount Avg CF:			**2.707546**	Linear:			
Aroclor-1268					**5**	**69.45**	
5.66	5.68	5.70	66293.14062	1.941295			1
5.85	5.87	5.89	30337.99609	1.18299			3
5.92	5.93	5.95	27595.72070	3.951863			4
6.09	6.11	6.13	24591.84765	2.411792			5
6.29	6.31	6.33	26458.12109	0.328581			6
Height Summation:			**175276.826172**				
Amount Avg CF:			**1.963304**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 16:53:54
Instrument : CP 7--19843B
Result file : BP7127B.045.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**46.07**	
4.55	4.56	4.59	90000.71875	7.070459			1
4.65	4.67	4.69	65897.86718	5.60911			2
4.78	4.80	4.82	125951.65625	11.18953			3
5.01	5.03	5.05	33529.89062	3.342539			4
5.20	5.22	5.24	90288.83593	4.206899			5
5.47	5.48	5.51	73960.86718	5.092238			6
Height Summation:			**479629.835939**				
Amount Avg CF:			**6.085129**	Linear:			
Aroclor-1262					**6**	**41.55**	
4.82	4.83	4.86	15856.60937	1.219429			1
5.01	5.03	5.05	33529.89062	2.486713			2
5.21	5.22	5.24	90288.83593	3.436686			3
5.42	5.44	5.46	16317.57714	1.591589			4
5.47	5.48	5.51	73960.86718	4.058757			5
5.85	5.86	5.89	25023.89843	2.73195			6
Height Summation:			**254977.678712**				
Amount Avg CF:			**2.587521**	Linear:			
Aroclor-1268					**6**	**89.10**	
5.42	5.44	5.46	16317.57714	0.548862			1
5.47	5.48	5.51	73960.86718	2.521037			2
5.62	5.64	5.66	30237.40820	1.264451			3
5.69	5.71	5.73	33266.57812	5.465494			4
5.85	5.86	5.89	25023.89843	2.540628			5
6.05	6.06	6.09	24797.25781	0.366854			6
Height Summation:			**203603.586915**				
Amount Avg CF:			**2.117888**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		36.25	4	40	
Aroclor-1221			17	4.6		** 47.25	3	40	
Aroclor-1232			17	8		** 54.72	4	40	
Aroclor-1242			17	3.3		35.39	4	40	
Aroclor-1248			17	3.3		8.69	4	40	
Aroclor-1254			17	3.3		10.27	4	40	
Aroclor-1260			17	4.9		18.27	4	40	
Aroclor-1262			17	3.3		4.53	4	40	
Aroclor-1268			17	3.3		7.58	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051113 RI ACF ABS8506 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 4:53:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.045.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.556		1350	1000
1.861		1000	1308
1.993		3675	6994
2.027		23775	23365
2.093		2381	1948
2.114		3817	2759
2.213		12971	11121
2.46		2823	3598
2.625		1818	1205
2.815	TCX	2470197	1599894
3.012		3520	2311
3.132		4614	5993
3.471		1416	1096
3.608		2325	2581
3.727		4996	3733
3.753		2655	3180
3.847		3739	2881
3.903		993	697
3.934		2307	2218
4.057		1127	869
4.089		17295	11576
4.109		23797	15310
4.131		21488	15594
4.199		7558	9100
4.24		48086	53950
4.273		32313	25038
4.311		1506	934
4.334		3135	2293
4.375		24955	21788
4.426		35076	30804
4.457		22728	15732
4.486		83375	70988
4.532		11330	12091
4.568		18934	14641
4.606		45240	46307
4.656		12269	10788
4.696		107260	98673
4.753		5123	4307
4.804		84099	100527
4.851		7659	6691
4.891		114321	108886
4.935		8741	6437
4.962		10627	14865
5.009		122751	116232
5.074		26681	24492
5.117		20389	22628
5.217		24487	19724
5.239		25102	19628
5.295		19310	17975
5.336		11916	11431
5.376		3570	3692
5.419		30427	27872
5.446		3809	2433

RT A	Compound A	Height A	Area A
5.478		98519	111358
5.646		5850	5995
5.683		66293	62381
5.718		6150	5831
5.837		1661	1724
5.871		30338	30024
5.934		27596	24263
6.007		14202	15813
6.11		24592	24812
6.16		1478	1980
6.308		26458	25470
6.364		138970	159625
6.45	DCB	2324955	2392668
6.535		4124	6105
6.591		2947	5700
6.747		5746	6966
6.887		3506	3336
7.533		14960	23010
8.363		2076	4475

LANCASTER LABORATORIES

Sample Number: 7051113 RI ACF ABS8506 T 131340008A 10736 Injection Volume: 1 uBW-846 8082
Injected On: 5/15/2013 4:53:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.045.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.843		1260	1343
1.923		29946	23494
1.969		17729	16676
2.01		3626	3118
2.056		3427	7305
2.109		5034	3907
2.17		2658	1721
2.211		2190	2049
2.266		3260	2154
2.425		3355	2552
2.495		3182	2101
2.68	TCX	3187093	2022497
2.801		2315	2013
2.9		4869	2838
2.979		3537	1711
3.017		2403	1557
3.314		1700	1013
3.392		1962	1536
3.444		1241	1266
3.487		1896	2537
3.597		6793	4712
3.62		3446	2195
3.727		5998	5146
3.773		1676	1454
3.822		3100	1994
3.905		1265	1136
3.933		11605	7373
3.957		50457	35103
3.983		24676	15889
4.004		2791	1236
4.021		7642	4676
4.058		55787	40535
4.092		42280	33033
4.112		6244	5784
4.171		4722	4589
4.209		28503	22330
4.268		48865	39988
4.301		31363	22152
4.329		97413	80983
4.369		9582	9517
4.424		67761	63418
4.46		15607	12100
4.494		113375	88793
4.519		15380	9840
4.562		90001	71786
4.59		4538	2724
4.668		65898	63584
4.72		105968	89113
4.761		20964	19788
4.801		125952	115670
4.833		15857	9395
4.872		18422	14365
4.936		2717	3093
4.977		2314	1646

4.991		5202	3225
5.029		33530	27008
5.054		34702	27508
5.104		22399	20508
5.139		11564	8890
5.167		8658	7968
5.2		16511	10775
5.222		90289	74743
5.263		2424	1549
5.298		15595	13487
5.403		4998	5109
5.438		16318	13899
5.483		73961	77448
5.64		30237	28928
5.684		1507	924
5.708		33267	28740
5.76		18558	20764
5.863		25024	23752
6.062		24797	21956
6.124		102400	101340
6.222	DCB	2067543	1869394
6.294		3412	3071
6.435		1273	1442
6.488		2745	2637
6.538		2471	2645
6.639		3831	3265
7.143		14215	15398

7051113 RI ACF ABS8506 T 131340008A 10736 SW-846 8082

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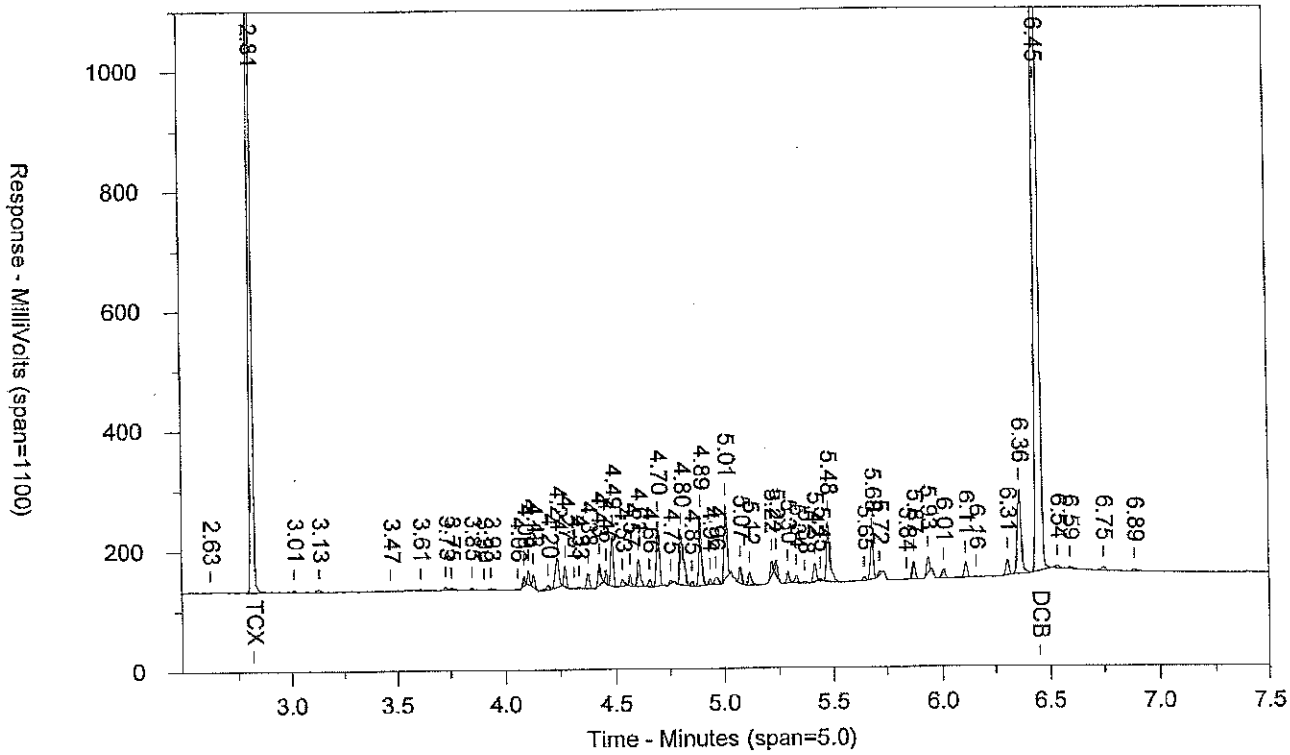

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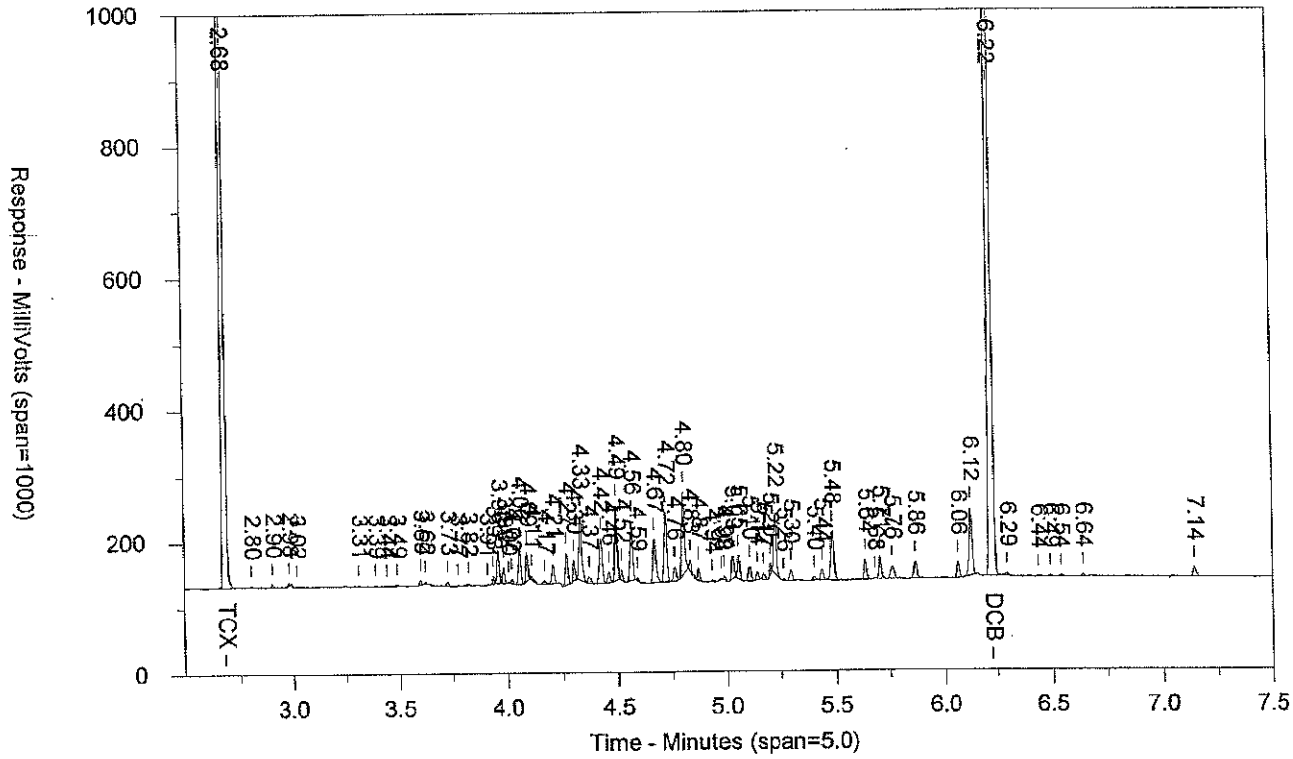

LANCASTER LABORATORIES

Sample Number: 7051113 RI ACF ABS8506 T 131340008A 10736 Sample Weight: 30W-846 8082
Injected On: 5/15/2013 4:53:54 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2470197	10.261	TCX	2.68	3187093	10.528	TCX
6.45	2324955	11.581	DCB	6.222	2067543	12.485	DCB

Files:
Area File: BP7127.045.RAW
Area File: BP7127B.045.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 5:32:06 PM
File Reported On: 5/15/2013 at 5:33:03 PM

7051113 RI ACF ABS8506 T 131340008A 10736 SW-846 8082

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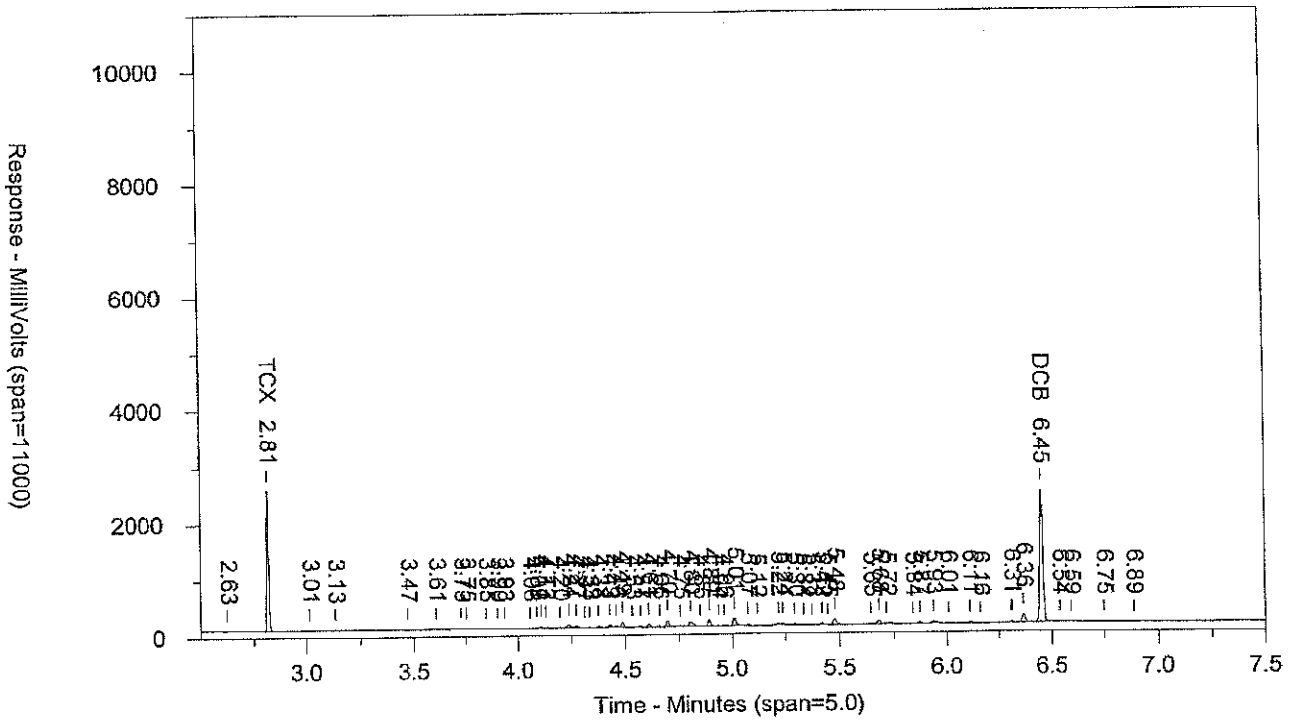

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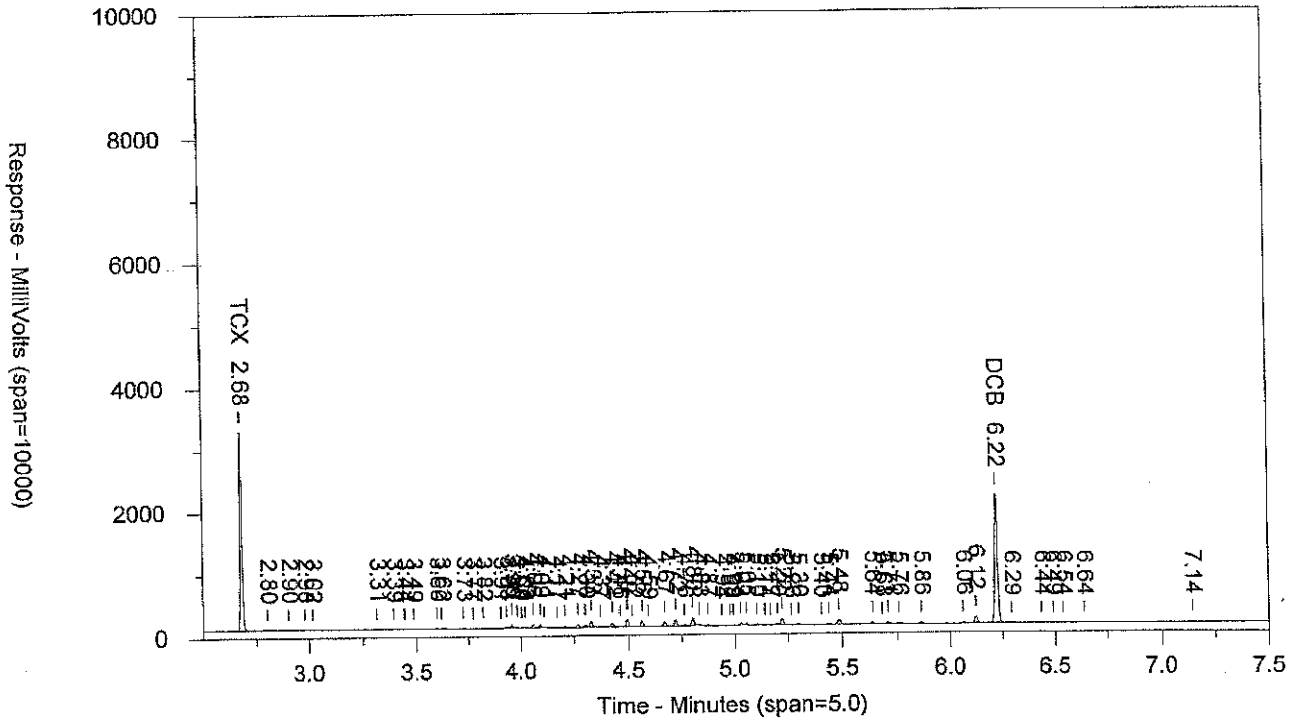

Data Summary

Sample Name: 7051114 RI ACF S8508 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 23:28:47
Instrument 19843A
Result file CP7127.011.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 99% (41 - 146) Conc: 9.929714
%SSR(DCB) 116% (39 - 151) Conc: 11.724559

Analysis Report (B)

Injected on May 15, 2013 23:28:47
Instrument 19843B
Result file CP7127B.011.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 103% (41 - 146) Conc: 10.323637
%SSR(DCB) 119% (39 - 151) Conc: 12.074149

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2390549	9.929714
Decachlorobiphenyl	6.43	6.45	6.47	2353679	11.724559

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3125304	10.323637
Decachlorobiphenyl	6.21	6.22	6.24	1999584	12.074149

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.323637				3.89	
✓	Decachlorobiphenyl	B	12.074149				2.94	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260			<17	<4.9			4	40	
	Aroclor-1262			<17	<3.3			4	40	
	Aroclor-1268			<17	<3.3			4	40	
	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Tomayko
Valerie L. Tomayko
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051114** RI ACF S8508 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:28:47
Instrument : CP 7--19843A
Result file : cp7127.011.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 99% (41-146) Conc.: 9.929714
%SSR(DCB) : 116% (39-151) Conc.: 11.724559

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	21.44	
3.05	3.07	3.09	1036.990112	0.255995			1
3.38	3.40	3.42	915.270813	0.175384			2
3.83	3.85	3.87	1174.626465	0.266602			6
Height Summation:			**3126.887390**				
Amount Avg CF:			**0.23266**	Linear:			
Aroclor-1221					2	116.77	
3.01	3.01	3.05	3234.042725	2.028249			2
3.05	3.07	3.09	1036.990112	0.193677			3
Height Summation:			**4271.032837**				
Amount Avg CF:			**1.110963**	Linear:			
Aroclor-1232					3	50.62	
3.05	3.07	3.09	1036.990112	0.216692			1
3.38	3.40	3.42	915.270813	0.352997			2
3.83	3.85	3.87	1174.626465	0.608207			6
Height Summation:			**3126.887390**				
Amount Avg CF:			**0.392632**	Linear:			
Aroclor-1242					3	19.99	
3.05	3.07	3.09	1036.990112	0.305588			1
3.38	3.40	3.42	915.270813	0.222816			2
3.83	3.85	3.87	1174.626465	0.333071			6
Height Summation:			**3126.887390**				
Amount Avg CF:			**0.287158**	Linear:			
Aroclor-1248					5	57.61	
3.71	3.74	3.75	2741.123291	0.46685			1
3.83	3.85	3.87	1174.626465	0.170307			2
3.92	3.95	3.96	2817.828125	0.4804			3
4.22	4.24	4.26	5841.461914	1.02519			5
4.47	4.49	4.51	4630.030762	0.916655			6
Height Summation:			**17205.070557**				
Amount Avg CF:			**0.61188**	Linear:			
Aroclor-1254					6	55.27	
4.22	4.24	4.26	5841.461914	0.5419			1
4.41	4.43	4.45	2168.540283	0.277095			2
4.47	4.49	4.51	4630.030762	0.295198			3
4.68	4.70	4.72	4893.625488	0.45878			4
4.87	4.89	4.91	7871.118652	0.918476			5
4.99	5.01	5.03	11851.228516	1.063261			6
Height Summation:			**37256.005615**				
Amount Avg CF:			**0.592452**	Linear:			
Aroclor-1260					6	37.88	
4.59	4.61	4.63	6821.896973	0.61575			1
4.79	4.80	4.82	16693.914063	1.274001			2
4.99	5.01	5.03	11851.228516	0.829023			3
5.22	5.24	5.26	6718.740723	0.716834			4
5.46	5.48	5.50	10159.947266	0.418246			5
+ 5.46	5.50	5.50	8380.464844	0.344992			5
5.67	5.68	5.71	10082.330078	0.695836			6
Height Summation:			**62328.057619**				
Amount Avg CF:			**0.758282**	Linear:			

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Analysis Report (B)

Injected on : MAY 15, 2013 23:28:47
Instrument : CP 7--19843B
Result file : cp7127B.011.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 103% (41-146) Conc.: 10.323637
%SSR(DCB) : 119% (39-151) Conc.: 12.074149

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					4	29.45	
2.95	2.97	2.99	1143.713135	0.211258			1
3.28	3.29	3.32	2259.785645	0.357963			2
3.47	3.48	3.51	1662.608276	0.249442			4
3.60	3.62	3.64	2017.717773	0.402872			6
+ 3.60	3.64	3.64	5977.171875	1.193445			6
Height Summation:			**7083.824829**				
Amount Avg CF:			**0.305384**	Linear:			
Aroclor-1221					3	90.15	
2.83	2.85	2.87	3143.536133	1.030168			1
2.90	2.90	2.94	4703.09668	2.166407			2
2.95	2.97	2.99	1143.713135	0.156713			3
Height Summation:			**8990.345948**				
Amount Avg CF:			**1.117763**	Linear:			
Aroclor-1232					4	58.31	
2.95	2.97	2.99	1143.713135	0.175975			1
3.28	3.29	3.32	2259.785645	0.72598			2
3.47	3.48	3.51	1662.608276	0.484449			4
3.60	3.62	3.64	2017.717773	0.987915			6
+ 3.60	3.64	3.64	5977.171875	2.926543			6
Height Summation:			**7083.824829**				
Amount Avg CF:			**0.59358**	Linear:			
Aroclor-1242					4	34.37	
2.95	2.97	2.99	1143.713135	0.250728			1
3.28	3.29	3.32	2259.785645	0.445231			2
3.47	3.48	3.51	1662.608276	0.298006			4
3.60	3.62	3.64	2017.717773	0.535371			6
+ 3.60	3.64	3.64	5977.171875	1.585951			6
Height Summation:			**7083.824829**				
Amount Avg CF:			**0.382334**	Linear:			
Aroclor-1248					5	95.30	
3.58	3.60	3.62	2807.520752	0.411579			1
+ 3.58	3.62	3.62	2017.717773	0.295795			1
3.71	3.72	3.75	8075.753418	0.947374			2
3.94	3.96	3.98	3550.867432	0.30946			4
4.08	4.09	4.12	3071.297363	0.588368			5
4.31	4.33	4.35	13498.9375	2.53152			6
Height Summation:			**31004.376465**				
Amount Avg CF:			**0.95766**	Linear:			
Aroclor-1254					5	36.69	
4.04	4.06	4.08	4694.069336	0.429903			1
4.31	4.33	4.35	13498.9375	0.881179			3
4.48	4.49	4.52	5136.775879	0.51644			4
4.70	4.72	4.74	4821.092285	0.650538			5
4.78	4.80	4.82	11796.079102	1.057181			6
Height Summation:			**39946.954102**				
Amount Avg CF:			**0.707048**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051114** RI ACF S8508 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:28:47
Instrument : CP 7--19843A
Result file : cp7127.011.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**18.10**	
5.06	5.08	5.10	7324.836426	0.532042			1
5.22	5.24	5.26	6718.740723	0.553786			2
5.46	5.48	5.50	10159.947266	0.355479			3
+ 5.46	5.50	5.50	8380.464844	0.293218			3
5.66	5.68	5.70	10082.330078	0.547206			4
5.72	5.73	5.76	5217.707031	0.618197			5
6.09	6.11	6.13	4481.569336	0.453005			6
Height Summation:			**43985.130860**				
Amount Avg CF:			**0.509953**	Linear:			
Aroclor-1268					**6**	**158.23**	
5.66	5.68	5.70	10082.330078	0.295246			1
5.72	5.73	5.76	5217.707031	0.186655			2
5.85	5.87	5.89	33182.835938	1.293921			3
5.92	5.94	5.95	40035.640625	5.73333			4
6.09	6.11	6.13	4481.569336	0.43952			5
6.29	6.31	6.33	23657.626953	0.293802			6
Height Summation:			**116657.709961**				
Amount Avg CF:			**1.373746**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:28:47
Instrument : CP 7--19843B
Result file : cp7127B.011.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**21.62**	
4.55	4.56	4.59	11164.494141	0.877083			1
4.65	4.67	4.69	6075.414551	0.517129			2
4.78	4.80	4.82	11796.079102	1.047962			3
5.01	5.03	5.05	8336.43457	0.831045			4
5.20	5.22	5.24	15932.006836	0.742332			5
5.47	5.48	5.51	12453.457031	0.857426			6
Height Summation:			**65757.886231**				
Amount Avg CF:			**0.812163**	Linear:			
Aroclor-1262					**6**	**29.81**	
4.82	4.83	4.86	4410.289551	0.339167			1
5.01	5.03	5.05	8336.43457	0.618264			2
5.21	5.22	5.24	15932.006836	0.606424			3
5.42	5.44	5.46	3228.115967	0.314865			4
5.47	5.48	5.51	12453.457031	0.68341			5
5.85	5.86	5.89	5227.717773	0.570729			6
Height Summation:			**49588.021728**				
Amount Avg CF:			**0.522143**	Linear:			
Aroclor-1268					**6**	**155.98**	
5.42	5.44	5.46	3228.115967	0.108582			1
5.47	5.48	5.51	12453.457031	0.42449			2
5.62	5.64	5.66	34003.921875	1.421957			3
5.69	5.71	5.73	37666.449219	6.188366			4
5.85	5.86	5.89	5227.717773	0.53076			5
6.05	6.06	6.09	22233.367188	0.328924			6
Height Summation:			**114813.029053**				
Amount Avg CF:			**1.500513**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		27.03	4	40	
Aroclor-1221			17	4.6		0.61	3	40	
Aroclor-1232			17	8		** 40.75	4	40	
Aroclor-1242			17	3.3		28.43	4	40	
Aroclor-1248			17	3.3		** 44.06	4	40	
Aroclor-1254			17	3.3		17.64	4	40	
Aroclor-1260			17	4.9		6.86	4	40	
Aroclor-1262			17	3.3		2.36	4	40	
Aroclor-1268			17	3.3		8.82	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051114 RI ACF ABS8508 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 11:28:47 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.011.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		1519	3376
1.702		1873	2382
1.888		3923	4432
1.936		3568	3133
1.989		6390	12083
2.027		17642	17611
2.065		5140	4418
2.115		3770	2839
2.214		18017	14864
2.283		2069	3892
2.337		2496	2029
2.459		2197	2590
2.738		2373	1915
2.815	TCX	2390549	1545312
3.013		3234	2101
3.073		1037	790
3.124		6578	4257
3.22		1380	1406
3.398		915	783
3.435		2037	2131
3.471		1484	864
3.551		1424	1783
3.741		2741	5802
3.847		1175	1033
3.895		1231	1317
3.95		2818	5375
4.057		3767	4001
4.133		10092	11799
4.197		6474	20347
4.239		5841	6322
4.388		4277	6618
4.432		2169	3013
4.487		4630	3750
4.533		2312	2406
4.608		6822	5946
4.697		4894	4284
4.732		11956	15822
4.804		16694	39122
4.851		2009	1820
4.893		7871	8255
4.964		5049	5462
5.01		11851	11732
5.078		7325	9062
5.117		2999	3045
5.239		6719	10788
5.297		6566	6807
5.336		2050	1832
5.378		2868	2546
5.42		6329	7607
5.479		10160	7802
5.498		8380	5663
5.645		2717	2584
5.684		10082	9853

RT A	Compound A	Height A	Area A
5.727		5218	8141
5.836		979	1050
5.872		33183	33308
5.935		40036	44719
6.009		8857	9791
6.112		4482	4300
6.227		1025	1966
6.309		23658	23712
6.366		41198	43707
6.452	DCB	2353679	2377258
6.529		2758	3704
6.75		4850	5611
6.887		4022	6147
7.533		14088	21238
8.367		2424	4762

LANCASTER LABORATORIES

Sample Number: 7051114 RI ACF ABS8508 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 11:28:47 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.011.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.722		2455	2469
1.841		7560	8411
1.923		22036	16484
1.969		22363	18972
2.004		5710	3886
2.057		4431	5234
2.109		4948	4090
2.171		1866	1055
2.206		5071	5184
2.266		2272	1635
2.495		2162	1312
2.537		3715	2983
2.619		2418	2029
2.68	TCX	3125304	1972181
2.799		1893	1202
2.848		3144	2336
2.9		4703	2763
2.966		1144	542
2.992		10548	6011
3.017		2540	1617
3.131		4364	4239
3.177		1338	1480
3.245		2637	3479
3.289		2260	4056
3.392		7123	6140
3.478		1663	1765
3.596		2808	2952
3.619		2018	1348
3.641		5977	4891
3.696		1535	1632
3.724		8076	13555
3.775		10579	20549
3.9		5571	5507
3.957		3551	2388
3.982		2195	1420
4.058		4694	3598
4.092		3071	4151
4.167		6435	7244
4.21		6090	23226
4.329		13499	58605
4.423		6844	4880
4.446		2689	2596
4.494		5137	3893
4.518		2296	1590
4.562		11164	8714
4.669		6075	4641
4.724		4821	8134
4.775		3897	3571
4.801		11796	9637
4.834		4410	2993
4.874		3114	2358
4.938		6264	6481
5.03		8336	7364
5.103		4010	4022

5.139		1390	907
5.171		3835	3912
5.222		15932	13516
5.298		13986	11640
5.329		2449	2432
5.403		2825	2628
5.439		3228	3048
5.485		12453	14136
5.64		34004	33658
5.709		37666	34454
5.761		8292	9072
5.864		5228	5892
6.063		22233	19832
6.124		30797	30610
6.16		1533	1552
6.222	DCB	1999584	1847946
6.489		2977	3748
6.54		1955	4280
6.641		3903	3595
7.145		12571	16965

7051114 RI ACF ABS8508 T 131340008A 10736 SW-846 8082

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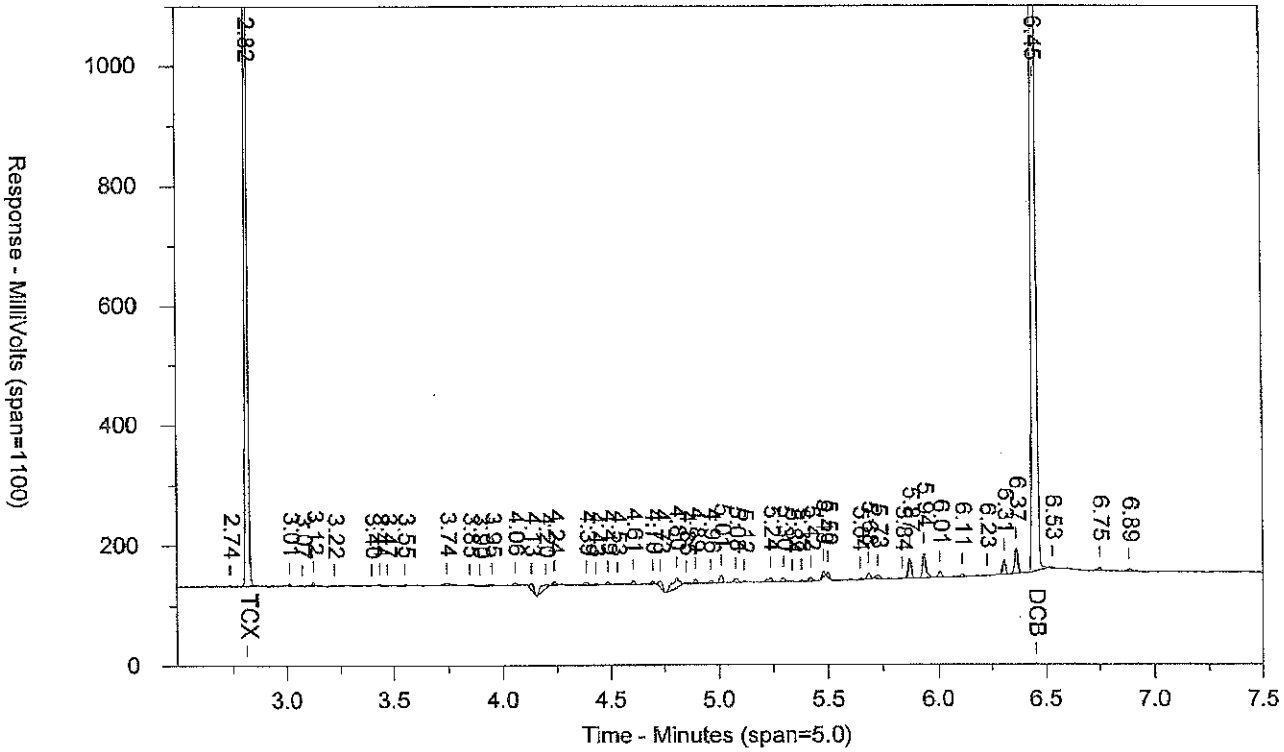

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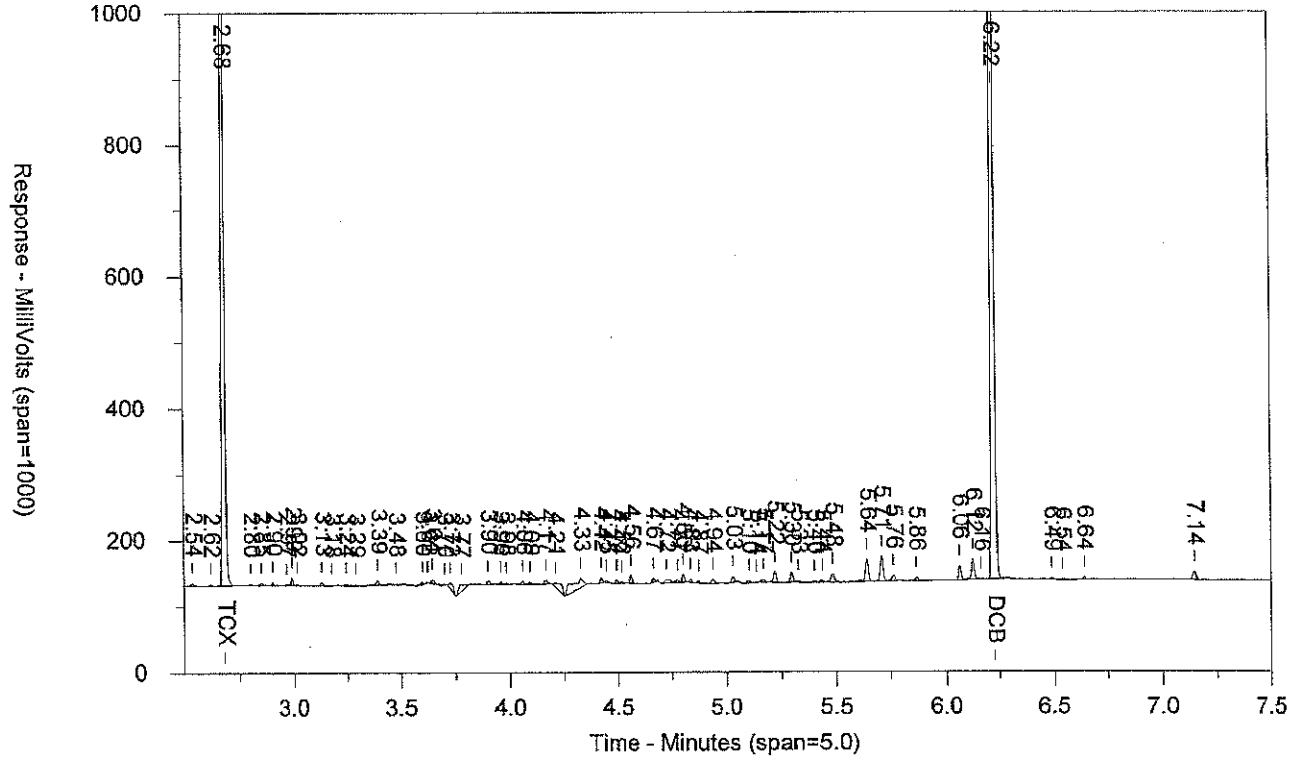

LANCASTER LABORATORIES

Sample Number: 7051114 RI ACF ABS8508 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 11:28:47 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2390549	9.93	TCX	2.68	3125304	10.324	TCX
6.452	2353679	11.725	DCB	6.222	1999584	12.074	DCB

Files:
Area File: cp7127.011.RAW
Area File: cp7127B.011.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 11:37:30 PM
File Reported On: 5/15/2013 at 11:37:34 PM

7051114 RI ACF ABS8508 T 131340008A 10736 SW-846 8082

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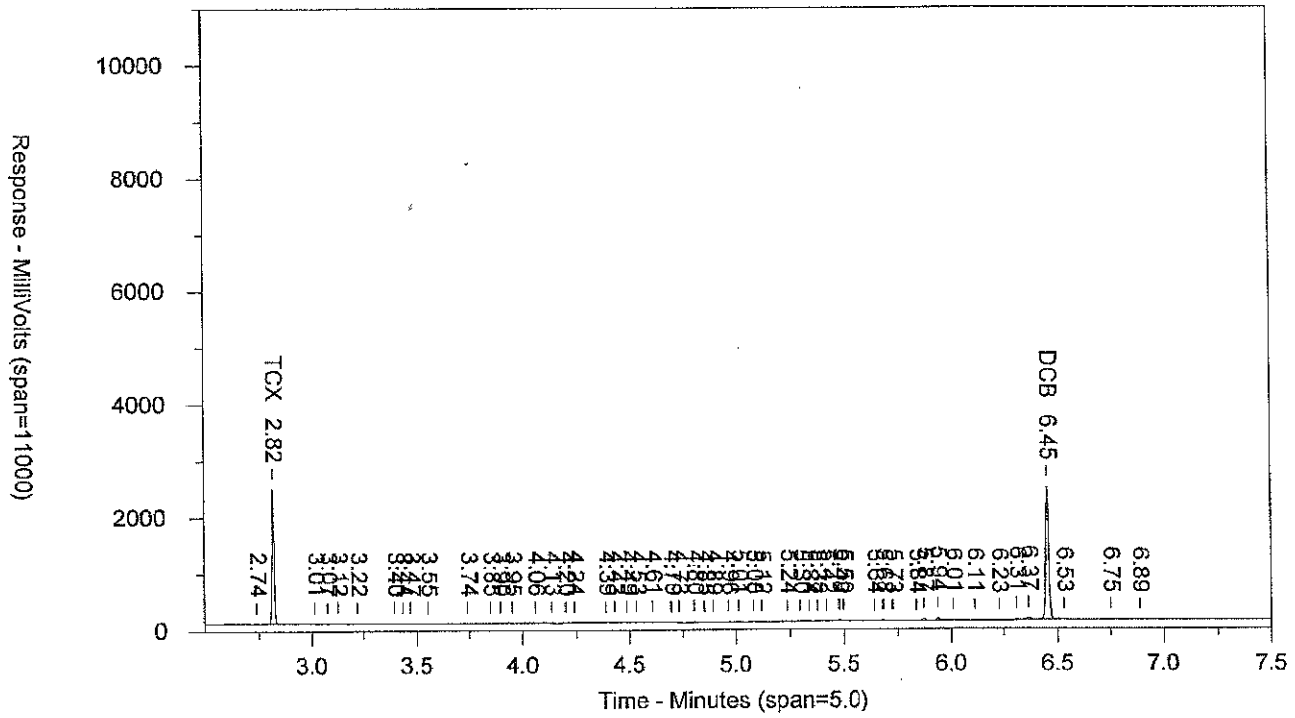

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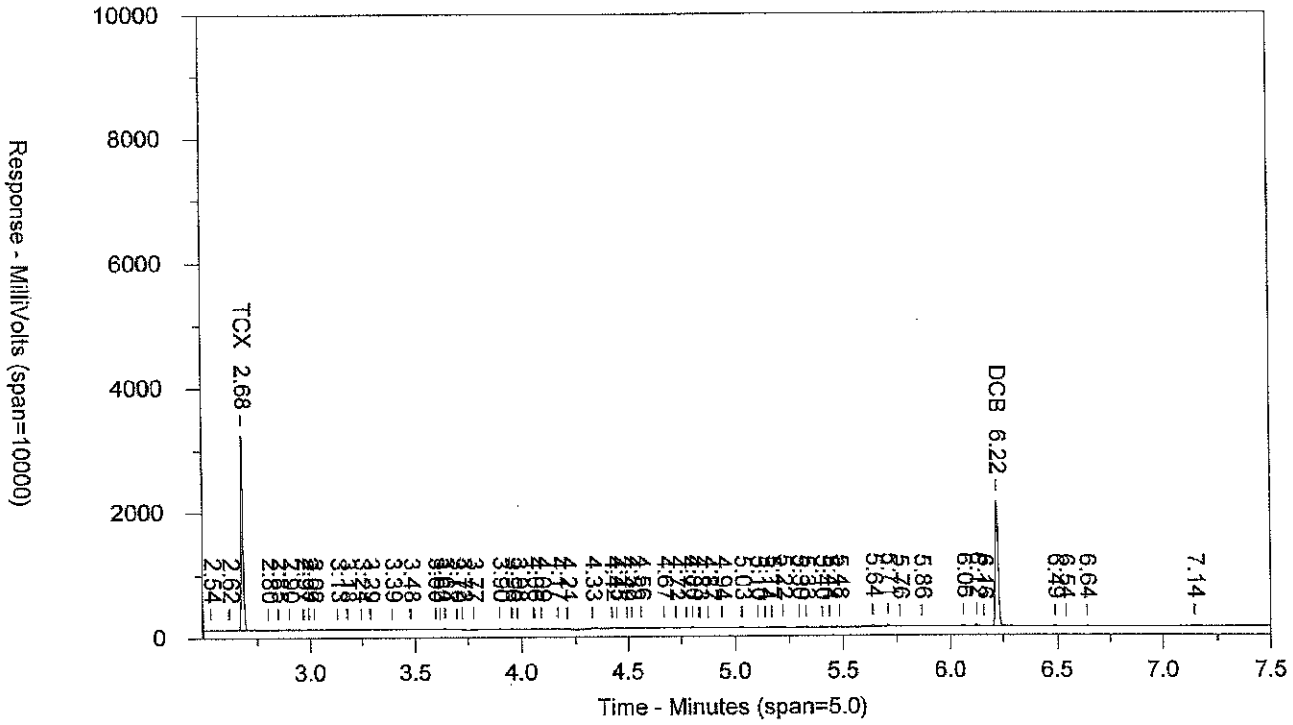

Data Summary

Sample Name: 7051115 RI ACF S8510 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 23:40:15
Instrument	19843A
Result file	CP7127.012.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 102% (41 - 146) Conc: 10.272302
%SSR(DCB) 116% (39 - 151) Conc: 11.726441

Analysis Report (B)

Injected on	May 15, 2013 23:40:15
Instrument	19843B
Result file	CP7127B.012.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 106% (41 - 146) Conc: 10.630353
%SSR(DCB) 124% (39 - 151) Conc: 12.577046

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2473025	10.272302	Tetrachloro-m-xylene	2.66	2.68	2.70	3218157	10.630353
Decachlorobiphenyl	6.43	6.45	6.47	2354057	11.726441	Decachlorobiphenyl	6.21	6.22	6.24	2082868	12.577046

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.630353				3.43	
✓	Decachlorobiphenyl	B	12.577046				7.00	

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260			<17	<4.9			4	40	
☐	Aroclor-1262			<17	<3.3			4	40	
☐	Aroclor-1268			<17	<3.3			4	40	
☐	Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: _____ Verified by: Valerie L. Tomayko
Valerie L. Tomayko
Principal Specialist

Date: Monica M. Souders
Monica M. Souders
Chemist
MAY 16 2013

Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051115** RI ACF S8510 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:40:15
Instrument : CP 7--19843A
Result file : cp7127.012.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 102% (41-146) Conc.: 10.272302
%SSR(DCB) : 116% (39-151) Conc.: 11.726441

LMOL

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**47.84**	
3.38	3.40	3.42	984.567627	0.188663			2
3.55	3.55	3.59	787.197388	0.153288			3
3.59	3.61	3.63	1256.550781	0.192555			4
3.83	3.85	3.87	1755.820923	0.398514			6
Height Summation:			**4784.136719**				
Amount Avg CF:			**0.233255**	Linear:			
Aroclor-1221					**1**		
3.01	3.01	3.05	3431.642822	2.152175			2
Height Summation:			**3431.642822**				
Amount Avg CF:			**2.152175**	Linear:			
Aroclor-1232					**4**	**55.63**	
3.38	3.40	3.42	984.567627	0.379723			2
3.55	3.55	3.59	787.197388	0.316823			3
3.59	3.61	3.63	1256.550781	0.382103			4
3.83	3.85	3.87	1755.820923	0.909142			6
Height Summation:			**4784.136719**				
Amount Avg CF:			**0.496948**	Linear:			
Aroclor-1242					**4**	**49.23**	
3.38	3.40	3.42	984.567627	0.239686			2
3.55	3.55	3.59	787.197388	0.182695			3
3.59	3.61	3.63	1256.550781	0.233306			4
3.83	3.85	3.87	1755.820923	0.497872			6
Height Summation:			**4784.136719**				
Amount Avg CF:			**0.28839**	Linear:			
Aroclor-1248					**5**	**66.95**	
3.71	3.74	3.75	2657.424072	0.452595			1
3.83	3.85	3.87	1755.820923	0.254574			2
4.09	4.09	4.13	2624.936035	0.387926			4
4.22	4.24	4.26	7305.469727	1.282127			5
4.47	4.49	4.51	5727.84082	1.134			6
Height Summation:			**20071.491577**				
Amount Avg CF:			**0.702244**	Linear:			
Aroclor-1254					**6**	**78.57**	
4.22	4.24	4.26	7305.469727	0.677713			1
4.41	4.44	4.45	2887.767578	0.368998			2
4.47	4.49	4.51	5727.84082	0.365191			3
4.68	4.70	4.72	4969.629395	0.465905			4
4.87	4.89	4.91	10048.141602	1.172512			5
4.99	5.01	5.03	23157.896484	2.077665			6
Height Summation:			**54096.745606**				
Amount Avg CF:			**0.854664**	Linear:			
Aroclor-1260					**6**	**22.02**	
4.59	4.61	4.63	13729.453125	1.239232			1
4.79	4.81	4.82	25233.730469	1.925719			2
4.99	5.01	5.03	23157.896484	1.619952			3
5.22	5.24	5.26	12965.198242	1.38328			4
5.46	5.48	5.50	24663.472656	1.015301			5
5.67	5.69	5.71	20048.599609	1.383663			6
Height Summation:			**119798.350585**				
Amount Avg CF:			**1.427858**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:40:15
Instrument : CP 7--19843B
Result file : cp7127B.012.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 106% (41-146) Conc.: 10.630353
%SSR(DCB) : 124% (39-151) Conc.: 12.577046

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**64.98**	
3.47	3.48	3.51	1549.247559	0.232434			4
3.55	3.56	3.59	954.901917	0.142503			5
3.60	3.62	3.64	2556.013184	0.510352			6
+ 3.60	3.64	3.64	5266.469727	1.051541			6
Height Summation:			**5060.162660**				
Amount Avg CF:			**0.295096**	Linear:			
Aroclor-1221					**2**	**50.60**	
2.83	2.85	2.87	3086.333496	1.011422			1
2.90	2.90	2.94	4642.697266	2.138585			2
Height Summation:			**7729.030762**				
Amount Avg CF:			**1.575004**	Linear:			
Aroclor-1232					**3**	**76.72**	
3.47	3.48	3.51	1549.247559	0.451418			4
3.55	3.56	3.59	954.901917	0.298435			5
3.60	3.62	3.64	2556.013184	1.251475			6
+ 3.60	3.64	3.64	5266.469727	2.578569			6
Height Summation:			**5060.162660**				
Amount Avg CF:			**0.667109**	Linear:			
Aroclor-1242					**3**	**70.62**	
3.47	3.48	3.51	1549.247559	0.277687			4
3.55	3.56	3.59	954.901917	0.174449			5
3.60	3.62	3.64	2556.013184	0.678199			6
+ 3.60	3.64	3.64	5266.469727	1.397377			6
Height Summation:			**5060.162660**				
Amount Avg CF:			**0.376778**	Linear:			
Aroclor-1248					**6**	**76.20**	
3.58	3.60	3.62	3052.508057	0.447494			1
3.71	3.73	3.75	8754.90332	1.027045			2
3.81	3.82	3.85	968.351257	0.165837			3
3.94	3.96	3.98	4604.147461	0.401254			4
4.08	4.09	4.12	3460.185791	0.662867			5
4.31	4.33	4.35	9172.708008	1.720201			6
Height Summation:			**30012.803894**				
Amount Avg CF:			**0.73745**	Linear:			
Aroclor-1254					**6**	**59.33**	
4.04	4.06	4.08	6893.357422	0.631324			1
4.25	4.27	4.29	7372.926758	0.827247			2
4.31	4.33	4.35	9172.708008	0.598773			3
4.48	4.49	4.52	5128.006836	0.515558			4
4.70	4.72	4.74	5232.60498	0.706066			5
4.78	4.80	4.82	20954.591797	1.877979			6
Height Summation:			**54754.195801**				
Amount Avg CF:			**0.859491**	Linear:			
Aroclor-1260					**6**	**13.53**	
4.55	4.56	4.59	23591.056641	1.853314			1
4.65	4.67	4.69	15323.18457	1.304282			2
4.78	4.80	4.82	20954.591797	1.861603			3
5.01	5.03	5.05	14840.208008	1.479396			4
5.20	5.22	5.24	33466.996094	1.559354			5
5.47	5.48	5.51	24688	1.69978			6
Height Summation:			**132864.037110**				
Amount Avg CF:			**1.626288**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051115** RI ACF S8510 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:40:15
Instrument : CP 7--19843A
Result file : cp7127.012.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**9.88**	
5.06	5.08	5.10	12475.119141	0.906134			1
5.22	5.24	5.26	12965.198242	1.068645			2
5.46	5.48	5.50	24663.472656	0.862932			3
5.66	5.69	5.70	20048.599609	1.088113			4
5.72	5.73	5.76	7818.359863	0.926324			5
6.09	6.11	6.13	8934.751953	0.903141			6
Height Summation:			**86905.501464**				
Amount Avg CF:			**0.959215**	Linear:			
Aroclor-1268					**6**	**140.23**	
5.66	5.69	5.70	20048.599609	0.587093			1
5.72	5.73	5.76	7818.359863	0.279689			2
5.85	5.87	5.89	33325.480469	1.299483			3
5.92	5.94	5.95	40958.96875	5.865555			4
6.09	6.11	6.13	8934.751953	0.876256			5
6.29	6.31	6.33	25078.992188	0.311453			6
Height Summation:			**136165.152832**				
Amount Avg CF:			**1.536588**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:40:15
Instrument : CP 7--19843B
Result file : cp7127B.012.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**24.60**	
4.82	4.83	4.86	10434.583008	0.802456			1
5.01	5.03	5.05	14840.208008	1.10061			2
5.21	5.22	5.24	33466.996094	1.273862			3
5.42	5.44	5.46	7123.13916	0.694779			4
5.47	5.48	5.51	24688	1.354806			5
5.85	5.86	5.89	9824.727539	1.072601			6
Height Summation:			**100377.653809**				
Amount Avg CF:			**1.049852**	Linear:			
Aroclor-1268					**6**	**135.70**	
5.42	5.44	5.46	7123.13916	0.239596			1
5.47	5.48	5.51	24688	0.841517			2
5.62	5.64	5.66	33087.15625	1.38362			3
5.69	5.71	5.73	37923.992188	6.230679			4
5.85	5.86	5.89	9824.727539	0.997485			5
6.05	6.06	6.09	23759.208984	0.351497			6
Height Summation:			**136406.224121**				
Amount Avg CF:			**1.674066**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		23.41	4	40	
Aroclor-1221			17	4.6		30.97	3	40	
Aroclor-1232			17	8		29.24	4	40	
Aroclor-1242			17	3.3		26.58	4	40	
Aroclor-1248			17	3.3		4.89	4	40	
Aroclor-1254			17	3.3		0.56	4	40	
Aroclor-1260			17	4.9		12.99	4	40	
Aroclor-1262			17	3.3		9.02	4	40	
Aroclor-1268			17	3.3		8.56	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051115 RI ACF ABS8510 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 11:40:14 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.012.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.554		1797	1355
1.7		1548	1510
1.854		1095	1648
1.888		4131	5200
1.99		5886	9808
2.027		10556	14098
2.115		4023	2955
2.213		15658	13575
2.269		1918	3500
2.338		2687	2523
2.458		2159	2523
2.739		2342	1944
2.815	TCX	2473025	1587620
3.013		3432	2061
3.098		1570	1307
3.124		1882	1330
3.397		985	927
3.431		1895	1916
3.554		787	883
3.607		1257	1453
3.745		2657	5934
3.847		1756	1355
4.057		3427	3279
4.092		2625	1924
4.135		8263	9612
4.201		6415	20740
4.24		7305	7607
4.275		2000	1448
4.386		3554	5670
4.441		2888	4400
4.488		5728	4645
4.532		5405	6930
4.608		13729	12337
4.698		4970	4613
4.734		8972	13029
4.805		25234	43571
4.854		3730	3216
4.894		10048	10886
4.964		5212	6176
5.01		23158	24227
5.076		12475	13262
5.119		6425	5873
5.239		12965	19803
5.297		8609	8498
5.336		3541	3368
5.376		3558	3746
5.422		8011	9128
5.48		24663	20315
5.649		1941	1992
5.686		20049	18905
5.729		7818	13433
5.872		33325	33368
5.937		40959	47177

RT A	Compound A	Height A	Area A
6.009		9189	10231
6.077		1162	4114
6.113		8935	8641
6.278		997	982
6.31		25079	24909
6.366		38435	40381
6.453	DCB	2354057	2412482
6.528		2306	2729
6.749		4271	6860
6.891		3894	4144
7.536		14075	20566
8.361		2215	4542

LANCASTER LABORATORIES

Sample Number: 7051115 RI ACF ABS8510 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 11:40:14 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.012.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.69		1674	1283
1.721		2389	2456
1.839		4792	4627
1.923		11553	9566
1.969		20553	19050
2.005		3821	3228
2.056		6533	12613
2.109		5109	3544
2.204		4637	6296
2.266		2414	1600
2.294		1608	2713
2.537		3727	3265
2.622		1213	973
2.68	TCX	3218157	2020475
2.848		3086	2363
2.901		4643	3003
2.992		2918	1459
3.017		2506	1640
3.08		1479	1109
3.131		3787	3785
3.177		2216	2937
3.245		2038	1562
3.393		5916	7667
3.477		1549	1808
3.558		955	781
3.597		3053	2377
3.62		2556	1505
3.642		5266	5500
3.694		1174	905
3.726		8755	14035
3.774		6072	9458
3.824		968	903
3.902		4903	5542
3.957		4604	3082
4.021		1930	1423
4.059		6893	5427
4.092		3460	3885
4.168		5773	6839
4.213		2399	1908
4.272		7373	8128
4.33		9173	14312
4.373		1964	1957
4.424		14569	11192
4.494		5128	3586
4.52		5443	3854
4.563		23591	18949
4.67		15323	17795
4.724		5233	7326
4.774		3696	4782
4.801		20955	18546
4.833		10435	7667
4.874		7131	5753
4.938		4483	4338
4.975		1901	2353

5.029		14840	12758
5.104		8019	7610
5.14		3399	2326
5.169		4502	5238
5.223		33467	31227
5.299		14697	12229
5.329		2245	2453
5.404		2260	2327
5.44		7123	6940
5.484		24688	27668
5.64		33087	30192
5.709		37924	34677
5.76		9382	11583
5.864		9825	10180
6.063		23759	20488
6.125		27489	26287
6.16		1560	1097
6.223	DCB	2082868	1909192
6.489		3065	3155
6.642		3624	3256
7.146		12253	13964

7051115 RI ACF ABS8510 T 131340008A 10736 SW-846 8082

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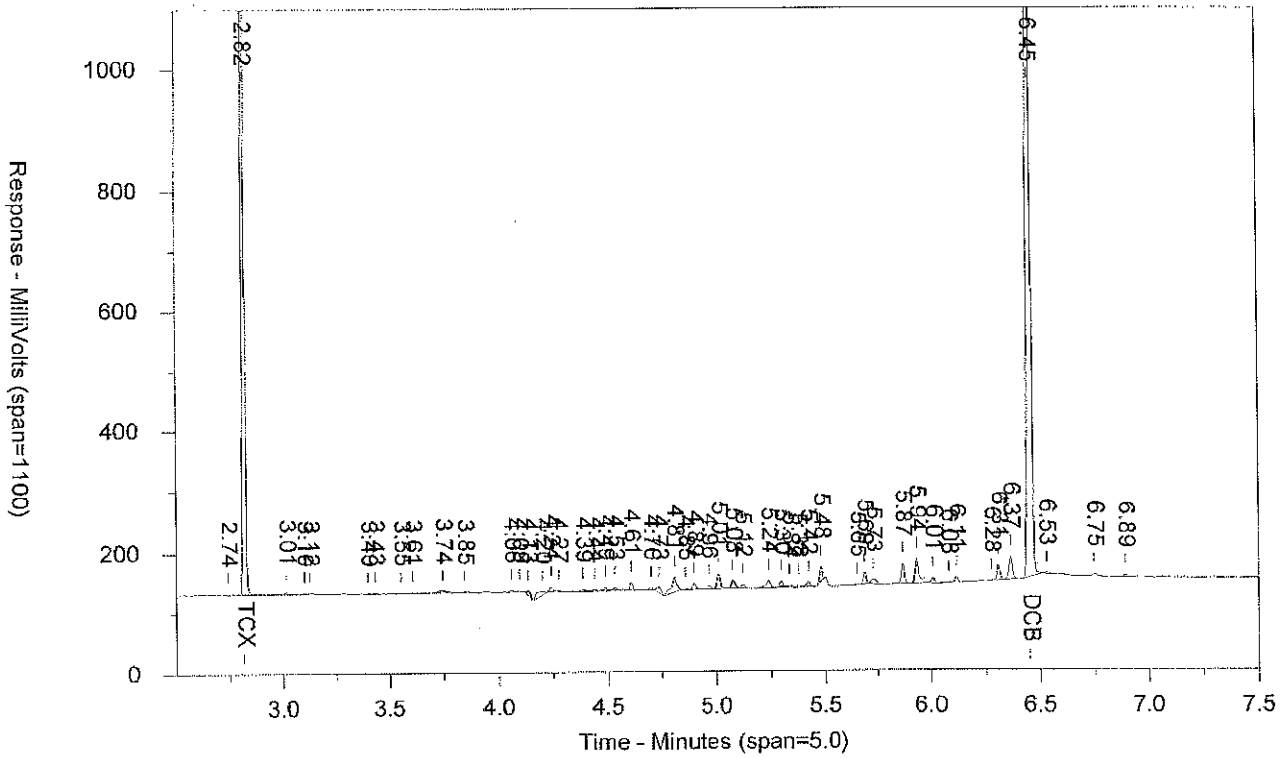

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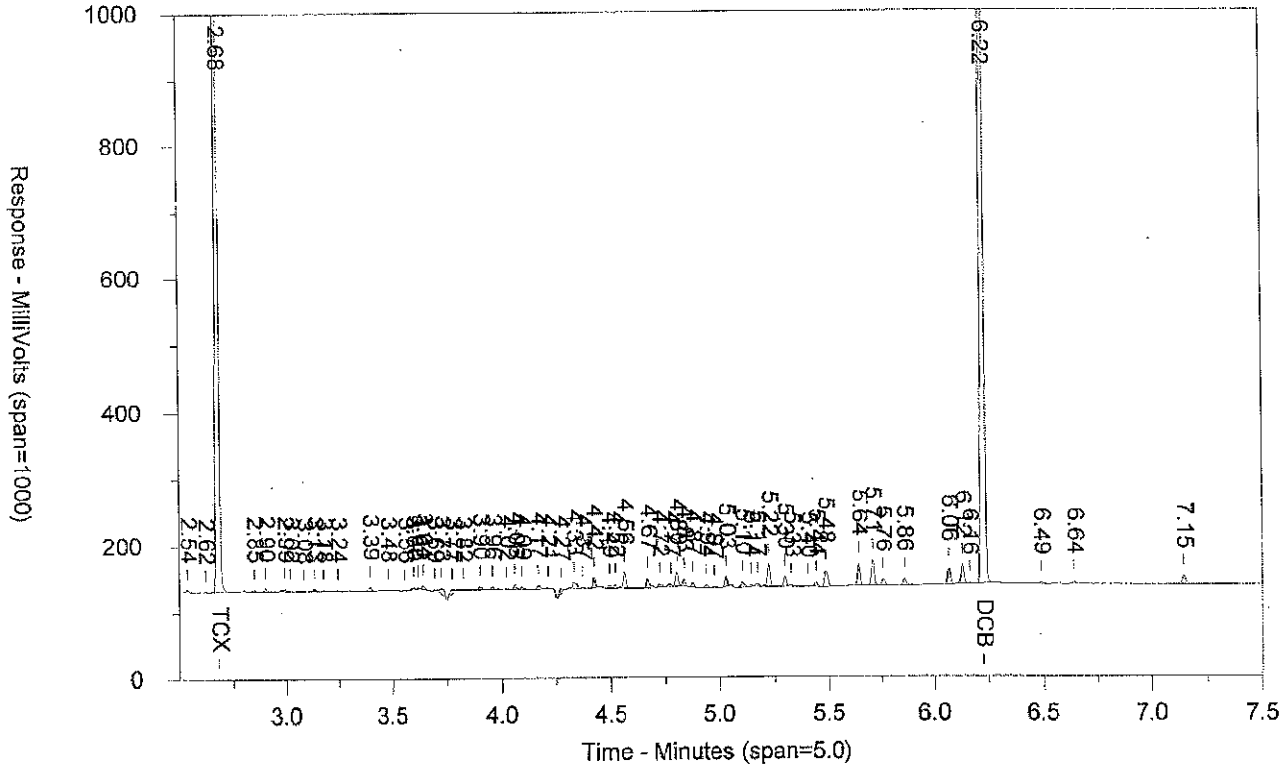

LANCASTER LABORATORIES

Sample Number: 7051115 RI ACF ABS8510 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 11:40:14 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2473025	10.272	TCX	2.68	3218157	10.63	TCX
6.453	2354057	11.726	DCB	6.223	2082868	12.577	DCB

Files:
Area File: cp7127.012.RAW
Area File: cp7127B.012.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 11:48:57 PM
File Reported On: 5/20/2013 at 2:29:32 PM

7051115 RI ACF ABS8510 T 131340008A 10736 SW-846 8082

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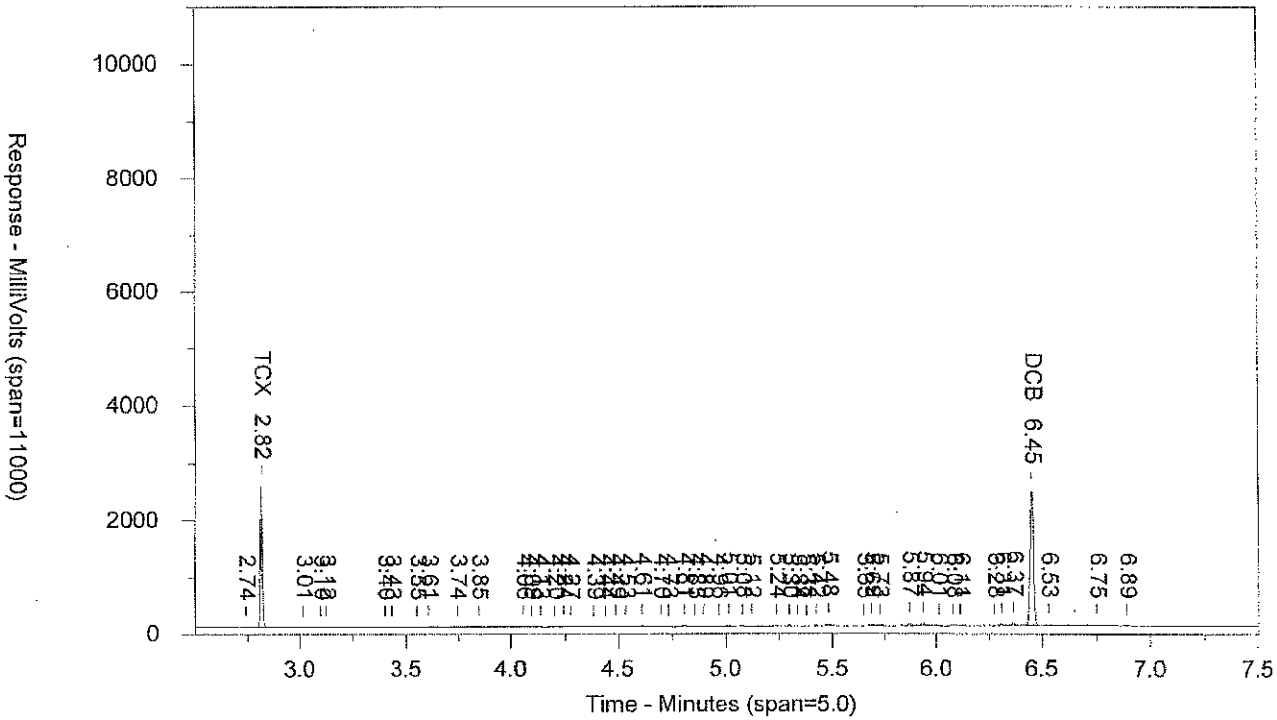

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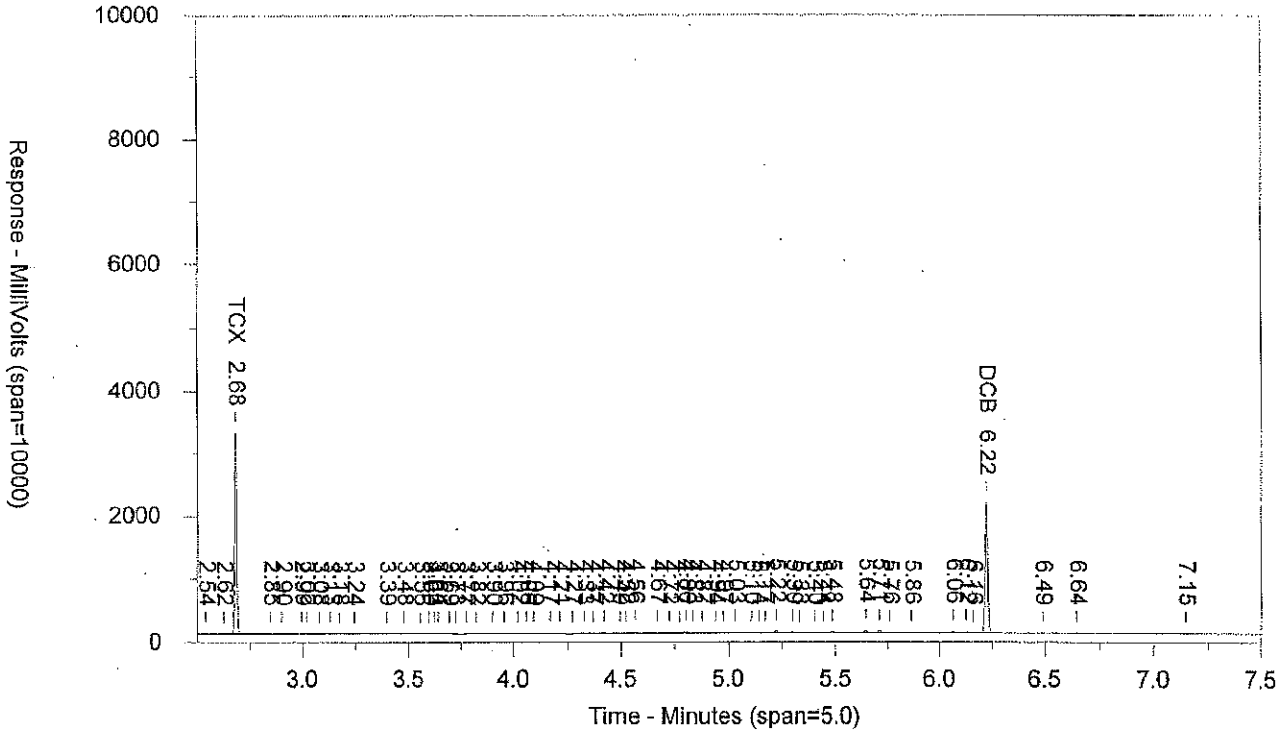

Data Summary

Sample Name: 7051116 RI ACF S8512 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 23:51:47
Instrument	19843A
Result file	CP7127.013.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 105% (41 - 146) Conc: 10.623045
%SSR(DCB) 125% (39 - 151) Conc: 12.660228

Analysis Report (B)

Injected on	May 15, 2013 23:51:47
Instrument	19843B
Result file	CP7127B.013.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 111% (41 - 146) Conc: 11.1373
%SSR(DCB) 129% (39 - 151) Conc: 13.109294

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2557466	10.623045	Tetrachloro-m-xylene	2.66	2.68	2.70	3371626	11.1373
Decachlorobiphenyl	6.43	6.45	6.47	2541512	12.660228	Decachlorobiphenyl	6.21	6.22	6.24	2171013	13.109294

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓ Tetrachloro-m-xylene	B	11.1373				4.73	
☑ Decachlorobiphenyl	B	13.109294				3.49	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.53**	
4.59	4.61	4.63	44949.433594	4.057174			1
4.79	4.81	4.82	88317.070313	6.739941			2
4.99	5.01	5.03	77482.453125	5.420089			3
5.22	5.24	5.26	34479.265625	3.678654			4
5.46	5.48	5.50	130122.25781	5.356639			5
5.67	5.69	5.71	75375.375	5.202064			6

Height summation: **450725.85547**
Concentration CF: **5.07576** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.40**	
4.55	4.56	4.59	86824.59375	6.820943			1
4.65	4.67	4.69	47436.511719	4.037712			2
4.78	4.80	4.82	70704.375	6.281368			3
5.01	5.03	5.05	42670.972656	4.253799			4
5.20	5.22	5.24	126206.89062	5.880457			5
5.47	5.48	5.51	86181.078125	5.933605			6

Height summation: **460024.421875**
Concentration CF: **5.534647** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑ Aroclor-1016			<17	<3.6			4	40	
☑ Aroclor-1221			<17	<4.6			3	40	
☑ Aroclor-1232			<17	<8			4	40	
☑ Aroclor-1242			<17	<3.3			4	40	
☑ Aroclor-1248			<17	<3.3			4	40	
☑ Aroclor-1254			<17	<3.3			4	40	
☑ Aroclor-1260	B	5.534647	<17	4.9	J	8.65	4	40	
☐ Aroclor-1262			<17	<3.3			4	40	
☐ Aroclor-1268			<17	<3.3			4	40	
☐ Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: Monica M. Souders Chemist
MAY 16 2013

Verified by: Valerie L. Tomasko Principal Specialist
Date: MAY 20 2013

5/16/2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051116** RI ACF S8512 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:51:47
Instrument : CP 7–19843A
Result file : cp7127.013.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.623045
%SSR(DCB) : 125% (39-151) Conc.: 12.660228

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.83	3.85	3.87	3554.891113	0.806845			6
Height Summation:			**3554.891113**				
Amount Avg CF:			**0.806845**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3396.049072	2.129852			2
Height Summation:			**3396.049072**				
Amount Avg CF:			**2.129852**	Linear:			
Aroclor-1232					1		
3.83	3.85	3.87	3554.891113	1.840677			6
Height Summation:			**3554.891113**				
Amount Avg CF:			**1.840677**	Linear:			
Aroclor-1242					1		
3.83	3.85	3.87	3554.891113	1.008008			6
Height Summation:			**3554.891113**				
Amount Avg CF:			**1.008008**	Linear:			
Aroclor-1248					5	**98.72**	
3.71	3.73	3.75	3044.275879	0.518481			1
3.83	3.85	3.87	3554.891113	0.515418			2
3.92	3.94	3.96	3296.436279	0.561995			3
4.22	4.24	4.26	23959.421875	4.204935			5
4.47	4.49	4.51	14613.097656	2.893105			6
Height Summation:			**48468.122802**				
Amount Avg CF:			**1.738787**	Linear:			
Aroclor-1254					6	**91.76**	
4.22	4.24	4.26	23959.421875	2.222666			1
4.41	4.43	4.45	8590.697266	1.097717			2
4.47	4.49	4.51	14613.097656	0.93169			3
4.68	4.70	4.72	9587.78125	0.89886			4
4.87	4.90	4.91	27314.048828	3.187261			5
4.99	5.01	5.03	77482.453125	6.95152			6
Height Summation:			**161547.500000**				
Amount Avg CF:			**2.548286**	Linear:			
Aroclor-1260					6	**21.53**	
4.59	4.61	4.63	44949.433594	4.057174			1
4.79	4.81	4.82	88317.070313	6.739941			2
4.99	5.01	5.03	77482.453125	5.420089			3
5.22	5.24	5.26	34479.265625	3.678654			4
5.46	5.48	5.50	130122.25781	5.356639			5
5.67	5.69	5.71	75375.375	5.202064			6
Height Summation:			**450725.855470**				
Amount Avg CF:			**5.07576**	Linear:			
Aroclor-1262					6	**23.20**	
5.06	5.08	5.10	41367.976563	3.004777			1
5.22	5.24	5.26	34479.265625	2.841922			2
5.46	5.48	5.50	130122.25781	4.552751			3
5.66	5.69	5.70	75375.375	4.090907			4
5.72	5.73	5.76	20990.144531	2.486925			5
6.09	6.11	6.13	33724.210938	3.408903			6
Height Summation:			**336059.230470**				
Amount Avg CF:			**3.397698**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 23:51:47
Instrument : CP 7–19843B
Result file : cp7127B.013.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 111% (41-146) Conc.: 11.1373
%SSR(DCB) : 129% (39-151) Conc.: 13.109294

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					4	**38.22**	
2.95	2.98	2.99	1753.345581	0.323865			1
3.28	3.31	3.32	2212.400146	0.350457			2
3.47	3.49	3.51	1914.916748	0.287296			4
3.60	3.62	3.64	3094.646484	0.617899			6
+ 3.60	3.64	3.64	4121.283203	0.822885			6
Height Summation:			**8975.308959**				
Amount Avg CF:			**0.394879**	Linear:			
Aroclor-1221					3	**95.96**	
2.83	2.85	2.87	2785.01123	0.912676			1
2.90	2.90	2.94	5503.205566	2.534965			2
2.95	2.98	2.99	1753.345581	0.240245			3
Height Summation:			**10041.562377**				
Amount Avg CF:			**1.229295**	Linear:			
Aroclor-1232					4	**69.88**	
2.95	2.98	2.99	1753.345581	0.269776			1
3.28	3.31	3.32	2212.400146	0.710756			2
3.47	3.49	3.51	1914.916748	0.557967			4
3.60	3.62	3.64	3094.646484	1.515201			6
+ 3.60	3.64	3.64	4121.283203	2.017863			6
Height Summation:			**8975.308959**				
Amount Avg CF:			**0.763425**	Linear:			
Aroclor-1242					4	**44.33**	
2.95	2.98	2.99	1753.345581	0.384373			1
3.28	3.31	3.32	2212.400146	0.435895			2
3.47	3.49	3.51	1914.916748	0.343229			4
3.60	3.62	3.64	3094.646484	0.821117			6
+ 3.60	3.64	3.64	4121.283203	1.093519			6
Height Summation:			**8975.308959**				
Amount Avg CF:			**0.496154**	Linear:			
Aroclor-1248					6	**51.49**	
3.58	3.60	3.62	4806.299316	0.704597			1
3.71	3.73	3.75	12155.151367	1.425931			2
3.81	3.82	3.85	1679.575928	0.287638			3
3.94	3.96	3.98	21365.830078	1.862042			4
4.08	4.09	4.12	4971.264648	0.952345			5
4.31	4.33	4.35	7660.476074	1.436605			6
Height Summation:			**52638.597411**				
Amount Avg CF:			**1.111526**	Linear:			
Aroclor-1254					6	**104.37**	
4.04	4.06	4.08	25054.150391	2.294568			1
4.25	4.27	4.29	12135.851563	1.36165			2
4.31	4.33	4.35	7660.476074	0.500058			3
4.48	4.49	4.52	8890.527344	0.893833			4
4.70	4.73	4.74	8094.275391	1.092208			5
4.78	4.80	4.82	70704.375	6.336623			6
Height Summation:			**132539.655763**				
Amount Avg CF:			**2.079823**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051116** RI ACF S8512 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 23:51:47
Instrument : CP 7--19843A
Result file : cp7127.013.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**79.34**	
5.66	5.69	5.70	75375.375	2.207255			1
5.72	5.73	5.76	20990.144531	0.750889			2
5.85	5.87	5.89	33974.164063	1.324777			3
5.92	5.94	5.95	33791.75	4.839169			4
6.09	6.11	6.13	33724.210938	3.307428			5
6.29	6.31	6.33	30566.158203	0.379598			6

Height Summation: **228421.802735**
Amount Avg CF: **2.134853** Linear:

Analysis Report (B)

Injected on : MAY 15, 2013 23:51:47
Instrument : CP 7--19843B
Result file : cp7127B.013.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**20.40**	
4.55	4.56	4.59	86824.59375	6.820943			1
4.65	4.67	4.69	47436.511719	4.037712			2
4.78	4.80	4.82	70704.375	6.281368			3
5.01	5.03	5.05	42670.972656	4.253799			4
5.20	5.22	5.24	126206.89062	5.880457			5
5.47	5.48	5.51	86181.078125	5.933605			6

Height Summation: **460024.421875**
Amount Avg CF: **5.534647** Linear:

Aroclor-1262					**6**	**30.01**	
4.82	4.83	4.86	35964.542969	2.7658			1
5.01	5.03	5.05	42670.972656	3.164653			2
5.21	5.22	5.24	126206.89062	4.803844			3
5.42	5.44	5.46	22137.761719	2.15928			4
5.47	5.48	5.51	86181.078125	4.729367			5
5.85	5.86	5.89	33717.933594	3.68111			6

Height Summation: **346879.179688**
Amount Avg CF: **3.550676** Linear:

Aroclor-1268					**6**	**87.58**	
5.42	5.44	5.46	22137.761719	0.744631			1
5.47	5.48	5.51	86181.078125	2.937576			2
5.62	5.64	5.66	36586.566406	1.529957			3
5.69	5.71	5.73	40058.609375	6.581383			4
5.85	5.86	5.89	33717.933594	3.423316			5
6.05	6.06	6.09	27821.613281	0.411597			6

Height Summation: **246503.562500**
Amount Avg CF: **2.604743** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 68.56	4	40	
Aroclor-1221			17	4.6		** 53.62	3	40	
Aroclor-1232			17	8		** 82.74	4	40	
Aroclor-1242			17	3.3		** 68.06	4	40	
Aroclor-1248			17	3.3		** 44.01	4	40	
Aroclor-1254			17	3.3		20.24	4	40	
Aroclor-1260			17	4.9		8.65	4	40	
Aroclor-1262			17	3.3		4.40	4	40	
Aroclor-1268			17	3.3		19.83	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051116 RI ACF ABS8512 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 11:51:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.013.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.704		1325	2611
1.888		3656	3092
1.99		5145	9122
2.027		16581	13514
2.114		3926	2865
2.213		11949	11113
2.284		1668	3290
2.337		2590	2271
2.471		2224	2376
2.627		1461	943
2.738		2169	1723
2.816	TCX	2557466	1657660
3.013		3396	2224
3.096		1694	1451
3.133		1568	2190
3.284		1589	1970
3.433		2280	2043
3.546		1209	2454
3.729		3044	2585
3.848		3555	4749
3.896		1476	1532
3.936		3296	6153
4.06		2763	2993
4.091		13961	10383
4.133		10820	12566
4.2		8177	21799
4.242		23959	22205
4.275		4030	3011
4.38		3983	6213
4.43		8591	13148
4.488		14613	12393
4.533		16972	18220
4.57		3716	2611
4.609		44949	41065
4.697		9588	9706
4.73		7638	11125
4.805		88317	108934
4.853		10543	9127
4.895		27314	31008
4.967		7977	11317
5.01		77482	72899
5.076		41368	41756
5.118		29299	28241
5.217		3563	2796
5.239		34479	31260
5.297		25411	23331
5.336		14832	14354
5.376		5605	5787
5.423		19097	19731
5.48		130122	151385
5.647		1897	1679
5.685		75375	71524
5.731		20990	40684

RT A	Compound A	Height A	Area A
5.873		33974	38415
5.936		33792	29216
6.01		6941	8242
6.113		33724	32610
6.158		2114	2919
6.227		1504	2635
6.31		30566	30395
6.367		30021	32109
6.452	DCB	2541512	2514615
6.598		1377	1876
6.749		4787	5025
6.89		5829	9230
6.996		1463	2855
7.536		19097	28593

LANCASTER LABORATORIES

Sample Number: 7051116 RI ACF ABS8512 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 11:51:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.013.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.69		934	987
1.72		1164	1318
1.839		4633	4443
1.923		22096	16549
1.969		15595	15114
2.004		3561	2678
2.053		6498	12050
2.109		5206	4049
2.171		1691	1028
2.207		5224	5943
2.266		1294	1059
2.427		960	848
2.494		2270	1436
2.537		3852	3684
2.68	TCX	3371626	2098553
2.799		1817	1686
2.847		2785	2500
2.899		5503	3397
2.978		1753	1410
3.017		2418	1566
3.08		1543	1104
3.129		3658	3446
3.174		2293	2261
3.247		2320	3026
3.314		2212	4087
3.392		5873	7586
3.489		1915	1919
3.598		4806	3958
3.621		3095	1862
3.643		4121	4372
3.697		1305	1330
3.726		12155	17878
3.776		8479	14736
3.822		1680	1328
3.901		4460	4174
3.957		21366	14778
3.983		2864	1731
4.023		4968	4903
4.059		25054	18879
4.092		4971	3092
4.165		5150	5994
4.21		3136	2337
4.236		11350	9540
4.27		12136	10906
4.33		7660	4184
4.371		7834	7974
4.424		48623	49237
4.494		8891	6132
4.519		15555	11510
4.563		86825	74334
4.67		47437	48418
4.726		8094	8762
4.764		13941	12592
4.801		70704	64414

4.833		35965	26776
4.874		29312	26063
4.938		4964	5047
4.977		7306	9021
5.029		42671	36027
5.054		5833	4192
5.104		27670	26312
5.14		13689	10772
5.168		10820	10202
5.201		5360	3088
5.223		126207	108768
5.264		2533	1910
5.298		17792	14883
5.405		1979	2013
5.438		22138	18907
5.484		86181	88717
5.64		36587	34658
5.684		2047	1232
5.708		40059	34717
5.76		17534	18889
5.863		33718	28948
5.895		1775	1403
6.063		27822	24762
6.125		23470	23432
6.16		2458	2197
6.223	DCB	2171013	1958378
6.488		4425	5461
6.555		1607	4453
6.641		5665	6371
7.146		18467	23080
8.466		1680	3196

7051116 RI ACF ABS8512 T 131340008A 10736 SW-846 8082

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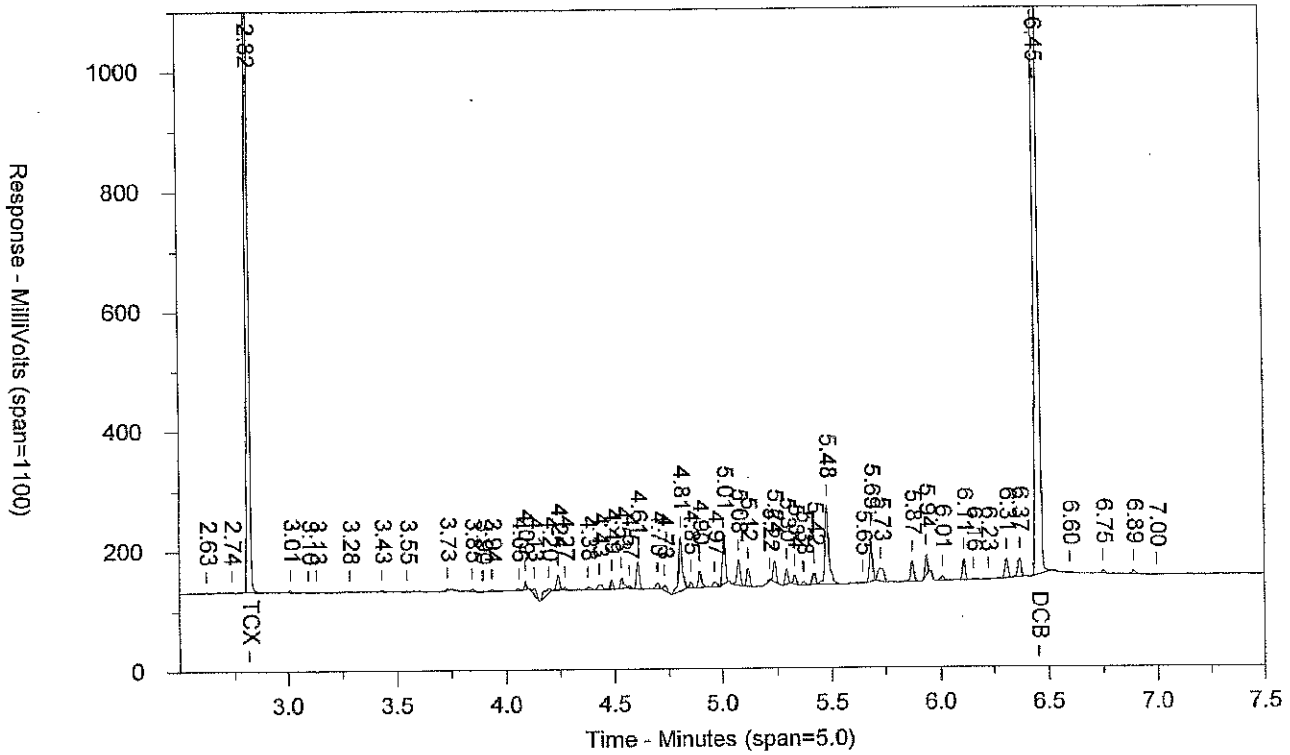

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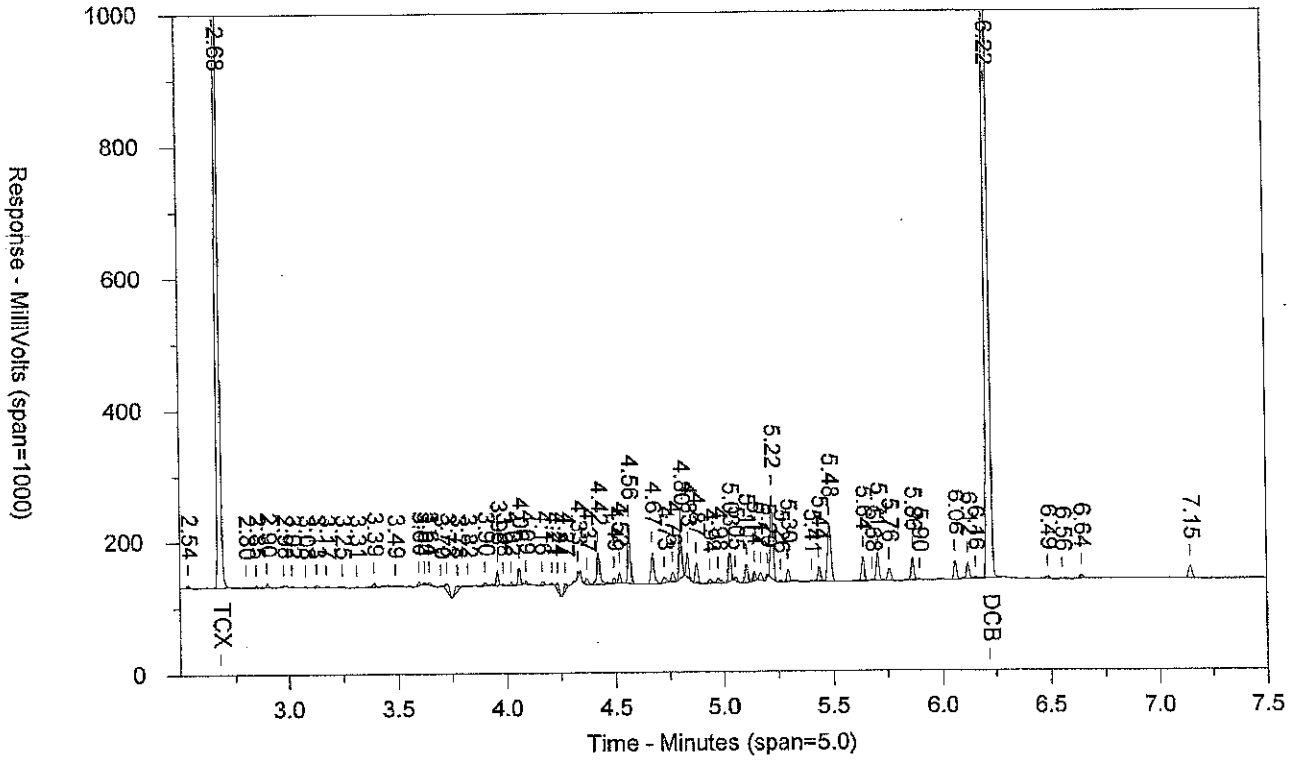

LANCASTER LABORATORIES

Sample Number: 7051116 RI ACF ABS8512 T 131340008A 10736 Sample Weight: 30V-846 8082
Injected On: 5/15/2013 11:51:46 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	2557466	10.623	TCX	2.68	3371626	11.137	TCX
6.452	2541512	12.66	DCB	6.223	2171013	13.109	DCB

Files:
Area File: cp7127.013.RAW
Area File: cp7127B.013.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/16/2013 12:00:30 AM
File Reported On: 5/16/2013 at 12:00:34 AM

7051116 RI ACF ABS8512 T 131340008A 10736 SW-846 8082

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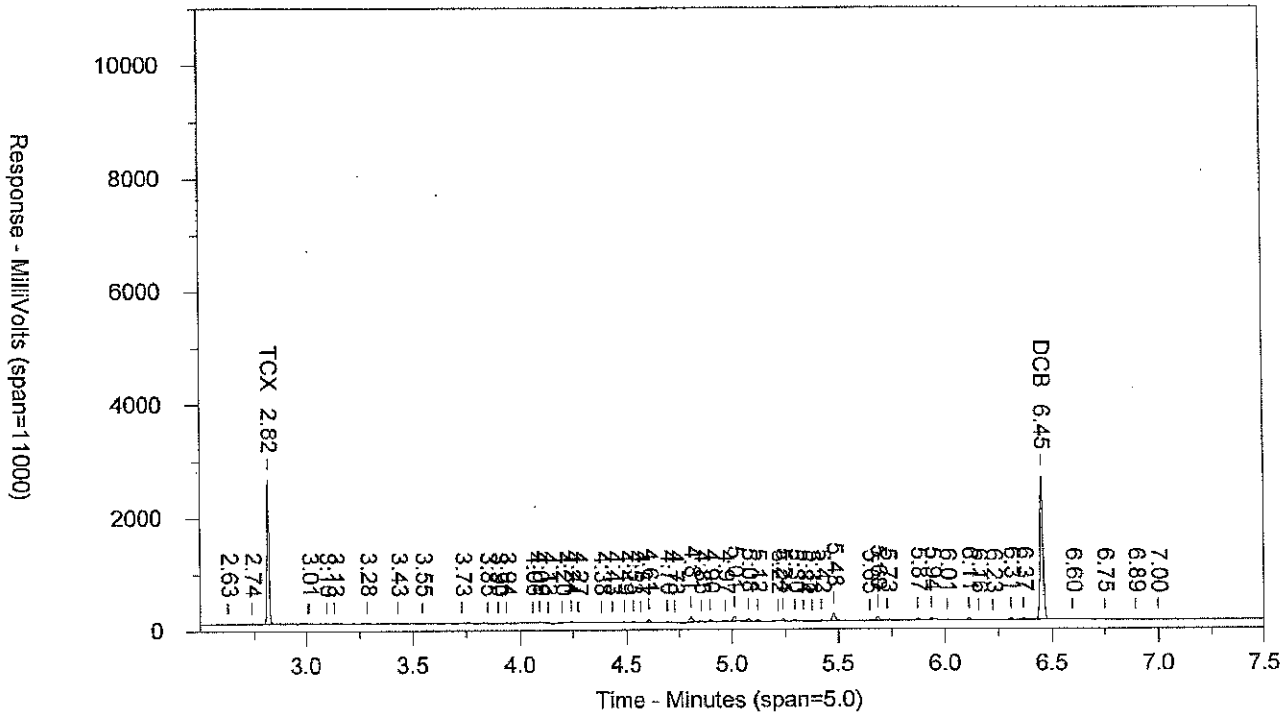

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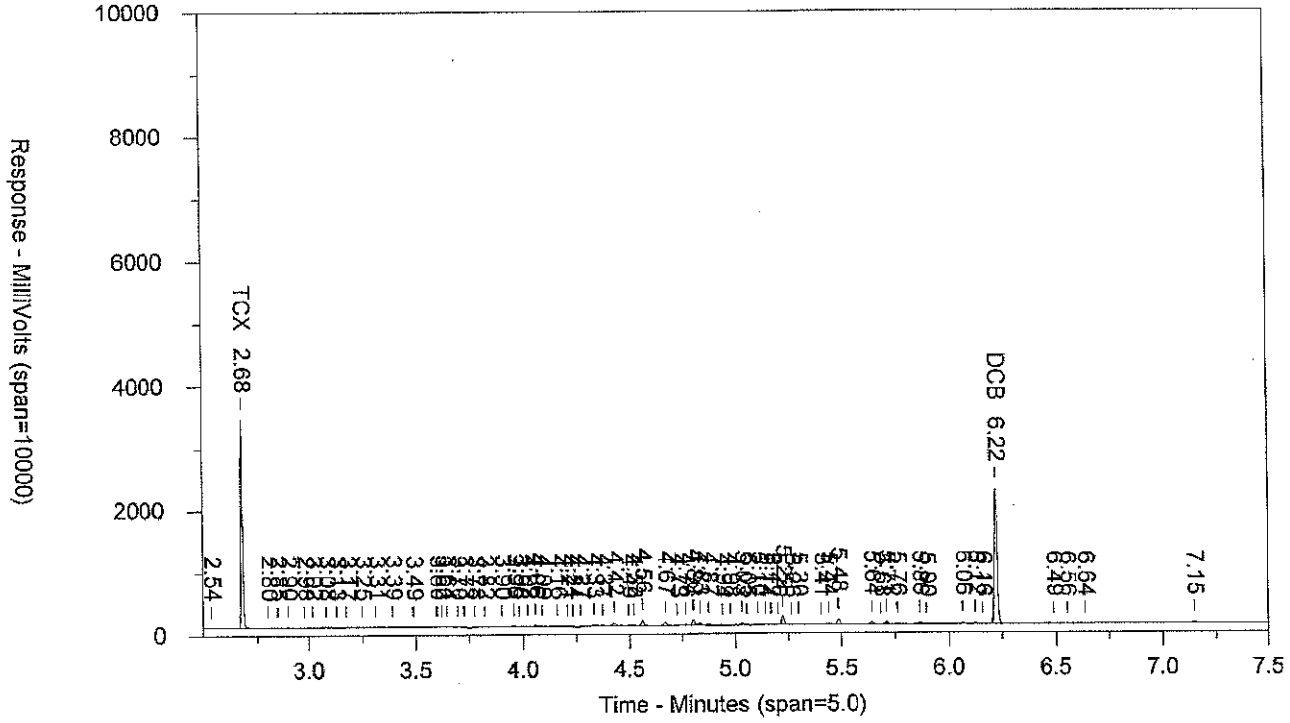

Data Summary

Sample Name: 7051117 RI ACF S8514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 18:02:06
Instrument 19843A
Result file BP7127.051.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 97% (41 - 146) Conc: 9.815682
%SSR(DCB) 114% (39 - 151) Conc: 11.599123

Analysis Report (B)

Injected on May 15, 2013 18:02:06
Instrument 19843B
Result file BP7127B.051.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 101% (41 - 146) Conc: 10.220053
%SSR(DCB) 118% (39 - 151) Conc: 11.964704

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2363096	9.815682	Tetrachloro-m-xylene	2.66	2.68	2.70	3093946	10.220053
Decachlorobiphenyl	6.43	6.45	6.47	2328498	11.599123	Decachlorobiphenyl	6.21	6.22	6.24	1981459	11.964704

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.220053				4.04	
✓	Decachlorobiphenyl	B	11.964704				3.10	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**15.39**	
4.59	4.61	4.63	64668.355469	5.83702			1
4.79	4.80	4.82	112267.79687	8.567747			2
4.99	5.01	5.03	119289.85937	8.344621			3
5.22	5.24	5.26	58242.859375	6.214033			4
5.46	5.48	5.50	187429.07812	7.715743			5
5.67	5.68	5.71	116189.64062	8.018878			6
Height summation:			**658087.589844**				
Concentration		CF:	**7.449674**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.63**	
4.55	4.56	4.59	121171.86718	9.519266			1
4.65	4.67	4.69	72893	6.204523			2
4.78	4.80	4.82	112861.48437	10.0266			3
5.01	5.03	5.05	66901.40625	6.66929			4
5.20	5.22	5.24	172220.67187	8.024413			5
5.47	5.48	5.51	125101.67187	8.613304			6
Height summation:			**671150.101563**				
Concentration		CF:	**8.176233**	L:			

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016			<17	<3.6			4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260	B	8.176233	<17	4.9	J	9.30	4	40	
☐	Aroclor-1262			<17	<3.3			4	40	
☐	Aroclor-1268			<17	<3.3			4	40	
☐	Total PCBs	A	8.176233	<17	8	J	200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Temple
Valerie L. Temple
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: 7051117 RI ACF S8514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 18:02:06
Instrument : CP 7--19843A
Result file : BP7127.051.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 97% (41-146) Conc.: 9.815682
%SSR(DCB) : 114% (39-151) Conc.: 11.599123

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	21.28	
3.59	3.61	3.63	2124.98999	0.325636			4
3.83	3.85	3.87	1943.02356	0.441003			6
Height Summation:			**4068.013550**				
Amount Avg CF:			**0.38332**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3357.833008	2.105885			2
Height Summation:			**3357.833008**				
Amount Avg CF:			**2.105885**	Linear:			
Aroclor-1232					2	30.80	
3.59	3.61	3.63	2124.98999	0.646186			4
3.83	3.85	3.87	1943.02356	1.006073			6
Height Summation:			**4068.013550**				
Amount Avg CF:			**0.82613**	Linear:			
Aroclor-1242					2	23.39	
3.59	3.61	3.63	2124.98999	0.394551			4
3.83	3.85	3.87	1943.02356	0.550954			6
Height Summation:			**4068.013550**				
Amount Avg CF:			**0.472753**	Linear:			
Aroclor-1248					5	100.36	
3.71	3.73	3.75	3202.69873	0.545463			1
3.83	3.85	3.87	1943.02356	0.281716			2
3.92	3.94	3.96	3246.181396	0.553428			3
4.22	4.24	4.26	21414.099609	3.758225			5
4.47	4.49	4.51	16866.580078	3.339251			6
Height Summation:			**46672.583373**				
Amount Avg CF:			**1.695617**	Linear:			
Aroclor-1254					6	111.34	
4.22	4.24	4.26	21414.099609	1.986542			1
4.41	4.44	4.45	10217.889648	1.305639			2
4.47	4.49	4.51	16866.580078	1.075366			3
4.68	4.70	4.72	12557.943359	1.177314			4
4.87	4.90	4.91	34014.402344	3.969121			5
4.99	5.01	5.03	119289.85937	10.70237			6
Height Summation:			**214360.774413**				
Amount Avg CF:			**3.369392**	Linear:			
Aroclor-1260					6	15.39	
4.59	4.61	4.63	64668.355469	5.83702			1
4.79	4.80	4.82	112267.79687	8.567747			2
4.99	5.01	5.03	119289.85937	8.344621			3
5.22	5.24	5.26	58242.859375	6.214033			4
5.46	5.48	5.50	187429.07812	7.715743			5
5.67	5.68	5.71	116189.64062	8.018878			6
Height Summation:			**658087.589844**				
Amount Avg CF:			**7.449674**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 18:02:06
Instrument : CP 7--19843B
Result file : BP7127B.051.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 101% (41-146) Conc.: 10.220053
%SSR(DCB) : 118% (39-151) Conc.: 11.964704

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	23.42	
2.95	2.98	2.99	1849.420776	0.341612			1
3.44	3.46	3.48	1865.153687	0.289214			3
3.60	3.62	3.64	2278.905029	0.455022			6
+ 3.60	3.64	3.64	3822.973389	0.763322			6
Height Summation:			**5993.479492**				
Amount Avg CF:			**0.361949**	Linear:			
Aroclor-1221					3	83.05	
2.83	2.85	2.87	3059.158447	1.002516			1
2.90	2.90	2.94	4561.338379	2.101108			2
2.95	2.98	2.99	1849.420776	0.25341			3
Height Summation:			**9469.917602**				
Amount Avg CF:			**1.119011**	Linear:			
Aroclor-1232					3	60.67	
2.95	2.98	2.99	1849.420776	0.284558			1
3.44	3.46	3.48	1865.153687	0.658223			3
3.60	3.62	3.64	2278.905029	1.115798			6
+ 3.60	3.64	3.64	3822.973389	1.871804			6
Height Summation:			**5993.479492**				
Amount Avg CF:			**0.686193**	Linear:			
Aroclor-1242					3	27.91	
2.95	2.98	2.99	1849.420776	0.405435			1
3.44	3.46	3.48	1865.153687	0.365797			3
3.60	3.62	3.64	2278.905029	0.604673			6
+ 3.60	3.64	3.64	3822.973389	1.014367			6
Height Summation:			**5993.479492**				
Amount Avg CF:			**0.458635**	Linear:			
Aroclor-1248					5	37.88	
3.58	3.60	3.62	2828.256104	0.414619			1
+ 3.58	3.62	3.62	2278.905029	0.334085			1
3.71	3.72	3.75	6353.485352	0.745333			2
3.94	3.96	3.98	13440.90918	1.171382			4
4.08	4.09	4.12	6555.745117	1.255883			5
4.31	4.33	4.35	6241.796875	1.170554			6
+ 4.31	4.34	4.35	14850.26464	2.784941			6
Height Summation:			**35420.192628**				
Amount Avg CF:			**0.951554**	Linear:			
Aroclor-1254					6	132.70	
4.04	4.06	4.08	22681.05664	2.07723			1
4.25	4.27	4.29	10492.98046	1.177318			2
+ 4.31	4.31	4.35	3768.043945	0.245969			3
4.31	4.33	4.35	6241.796875	0.40745			3
+ 4.31	4.34	4.35	14850.26464	0.96939			3
4.48	4.49	4.52	8886.833984	0.893462			4
4.70	4.72	4.74	13828.79296	1.866			5
4.78	4.80	4.82	112861.4843	10.1148			6
Height Summation:			**174992.945313**				
Amount Avg CF:			**2.756043**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051117** RI ACF S8514 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 18:02:06
Instrument : CP 7--19843A
Result file : BP7127.051.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					6	23.22	
5.06	5.07	5.10	60065.92187	4.362908			1
5.22	5.24	5.26	58242.85937	4.800615			2
5.46	5.48	5.50	187429.0781	6.557817			3
5.66	5.68	5.70	116189.6406	6.306052			4
5.72	5.73	5.76	29245.56640	3.465032			5
6.09	6.11	6.13	48504.95312	4.902967			6
Height Summation:			**499678.019531**				
Amount Avg CF:			**5.065899**	Linear:			
Aroclor-1268					6	74.42	
5.66	5.68	5.70	116189.6406	3.402439			1
5.72	5.73	5.76	29245.56640	1.046213			2
5.85	5.87	5.89	28263.69531	1.102105			3
5.92	5.93	5.95	24535.05273	3.513558			4
+ 5.92	5.95	5.95	11480.05468	1.644009			4
6.09	6.11	6.13	48504.95312	4.757018			5
6.29	6.31	6.33	29007.04882	0.360236			6
Height Summation:			**275745.957031**				
Amount Avg CF:			**2.363595**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 18:02:06
Instrument : CP 7--19843B
Result file : BP7127B.051.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	18.63	
4.55	4.56	4.59	121171.8671	9.519266			1
4.65	4.67	4.69	72893	6.204523			2
4.78	4.80	4.82	112861.4843	10.0266			3
5.01	5.03	5.05	66901.40625	6.66929			4
5.20	5.22	5.24	172220.6718	8.024413			5
5.47	5.48	5.51	125101.6718	8.613304			6
Height Summation:			**671150.101563**				
Amount Avg CF:			**8.176233**	Linear:			
Aroclor-1262					6	27.97	
4.82	4.83	4.86	52707.91796	4.053425			1
5.01	5.03	5.05	66901.40625	4.96168			2
5.21	5.22	5.24	172220.6718	6.555277			3
5.42	5.44	5.46	32212.04882	3.141909			4
5.47	5.48	5.51	125101.6718	6.865216			5
5.85	5.86	5.89	46163.09765	5.039794			6
Height Summation:			**495306.814453**				
Amount Avg CF:			**5.102884**	Linear:			
Aroclor-1268					6	73.97	
5.42	5.44	5.46	32212.04882	1.083492			1
5.47	5.48	5.51	125101.6718	4.264227			2
5.62	5.64	5.66	30034.01757	1.255946			3
5.69	5.71	5.73	28978.09375	4.760923			4
5.85	5.86	5.89	46163.09765	4.686849			5
6.05	6.06	6.09	27529.8125	0.40728			6
Height Summation:			**290018.742187**				
Amount Avg CF:			**2.74312**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		5.74	4	40	
Aroclor-1221			17	4.6		** 61.20	3	40	
Aroclor-1232			17	8		18.51	4	40	
Aroclor-1242			17	3.3		3.03	4	40	
Aroclor-1248			17	3.3		** 56.22	4	40	
Aroclor-1254			17	3.3		20.03	4	40	
Aroclor-1260			17	4.9		9.30	4	40	
Aroclor-1262			17	3.3		0.73	4	40	
Aroclor-1268			17	3.3		14.86	4	40	
Total PCBs			17	8					

Units: ug/kg

Jessica L. Miller
Chemist

MAY 15 2013

LANCASTER LABORATORIES

Sample Number: 7051117 RI ACF ABS8514 T 131340008A 10736 Injection Volume:SW846 8082
Injected On: 5/15/2013 6:02:05 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.051.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		1418	1312
1.887		3599	4138
1.936		1004	1056
2.027		9043	16450
2.114		3712	3055
2.214		9840	8952
2.269		1223	2768
2.336		2344	2207
2.738		1932	1623
2.815	TCX	2363096	1508063
3.012		3358	2912
3.101		1429	979
3.133		2301	3783
3.233		1221	1193
3.283		1915	1684
3.433		2320	2488
3.498		1288	1853
3.606		2125	2168
3.729		3203	3519
3.848		1943	3160
3.936		3246	7825
4.055		2671	2665
4.091		8808	6478
4.134		4428	5066
4.199		5055	8225
4.242		21414	19192
4.274		5338	3983
4.379		4184	5785
4.439		10218	16506
4.487		16867	14311
4.533		19672	21721
4.569		5369	3552
4.609		64668	58914
4.659		1032	925
4.697		12558	13566
4.751		8904	11510
4.805		112268	126101
4.852		17725	16955
4.895		34014	33784
4.935		1910	1431
4.974		10638	14873
5.01		119290	129757
5.075		60066	62883
5.118		40630	38669
5.214		8083	7560
5.239		58243	52158
5.297		34505	32433
5.336		23806	23374
5.377		4902	5434
5.422		27168	27303
5.479		187429	206149
5.585		1190	1400
5.648		1364	1208

RT A	Compound A	Height A	Area A
5.685		116190	112683
5.726		29246	59550
5.832		1862	1373
5.872		28264	30676
5.934		24535	19579
5.954		11480	7966
6.009		6333	9154
6.08		1056	1010
6.111		48505	49010
6.157		7496	13721
6.308		29007	32786
6.365		28559	30009
6.45	DCB	2328498	2303397
6.668		1209	2355
6.788		2299	4556
6.887		4685	18426
6.952		3065	2495
6.997		8100	14406
7.045		4093	6825
7.148		6989	10930
7.286		2602	8694
7.532		3626	6389
8.364		2261	4502

LANCASTER LABORATORIES

Sample Number: 7051117 RI ACF ABS8514 T 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 6:02:05 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.051.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.523		1241	1455
1.838		4105	4150
1.923		10784	8305
1.969		13262	12985
2.061		2286	3508
2.109		5385	4886
2.205		3996	4715
2.536		2795	2715
2.621		1951	1854
2.68	TCX	3093946	1906936
2.8		1470	1269
2.848		3059	2235
2.899		4561	2385
2.979		1849	1170
3.017		2678	1947
3.081		1492	862
3.133		3034	3622
3.177		2109	1678
3.247		1654	2076
3.393		5205	5812
3.456		1865	3663
3.513		839	989
3.597		2828	2287
3.62		2279	1516
3.642		3823	5623
3.725		6353	14387
3.775		2055	3544
3.901		3786	3640
3.957		13441	9166
3.983		1758	998
4.022		3988	2608
4.058		22681	16669
4.091		6556	4506
4.167		5078	6174
4.209		2798	2021
4.235		7286	7406
4.268		10493	9752
4.313		3768	2441
4.33		6242	3470
4.342		14850	8417
4.368		12144	12764
4.423		77169	85265
4.495		8887	6440
4.519		22479	16937
4.563		121172	103559
4.67		72893	77652
4.724		13829	13433
4.763		23521	21215
4.801		112862	99869
4.834		52708	38916
4.873		43415	36823
4.937		1631	1847
4.976		11799	13446
5.029		66901	59646

5.055		10754	7215
5.104		41036	38001
5.14		21416	17463
5.166		14729	12888
5.2		8918	5259
5.222		172221	151857
5.264		3848	3124
5.298		15146	12635
5.33		2426	5274
5.411		1987	1946
5.438		32212	28115
5.484		125102	134456
5.64		30034	26542
5.683		2037	1241
5.708		28978	25824
5.759		22758	21877
5.864		46163	41706
5.893		2612	2868
6.005		1938	8590
6.063		27530	25735
6.125		23383	26115
6.222	DCB	1981459	1804184
6.397		1187	2789
6.568		7207	23084
6.616		3425	3348
6.666		1406	3529
6.747		1735	3234
6.856		7745	16594
7.143		1938	1978
7.295		1186	4938
8.463		1358	2132

7051117 Rt ACF ABS8514 T 131340008A 10736 SW-846 8082

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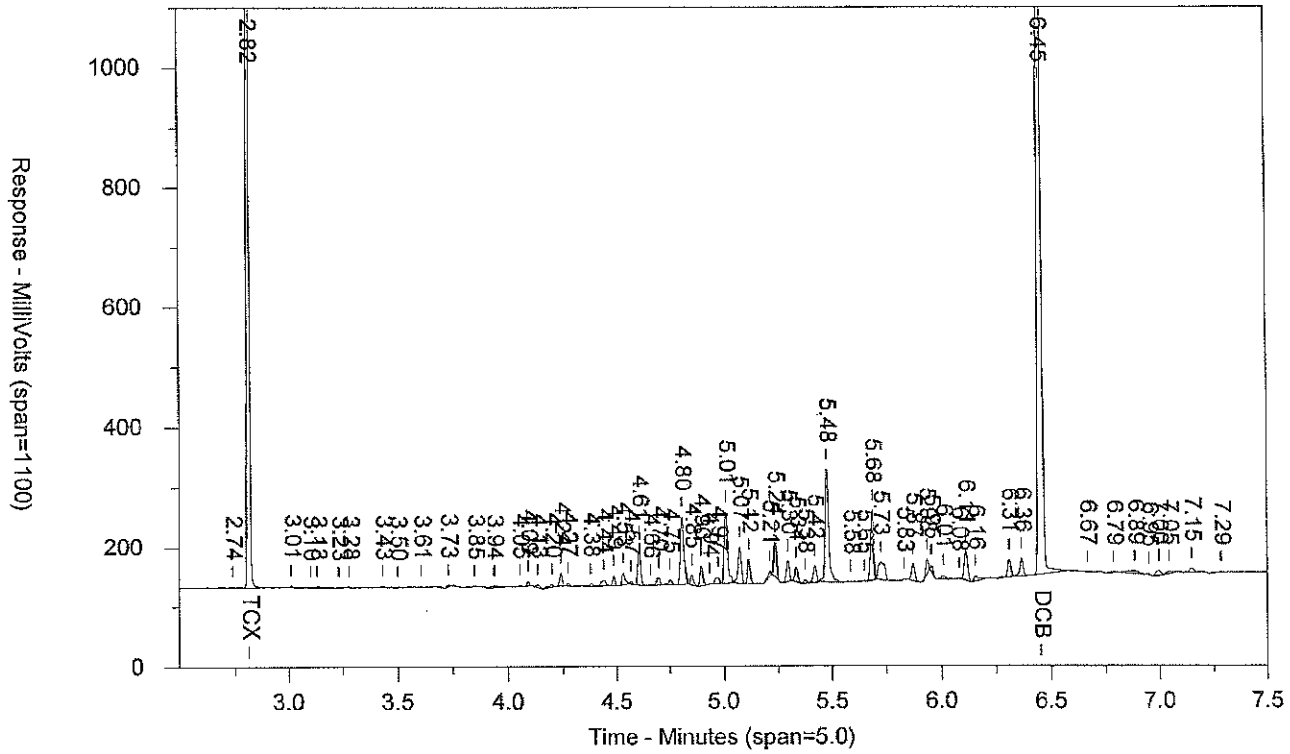

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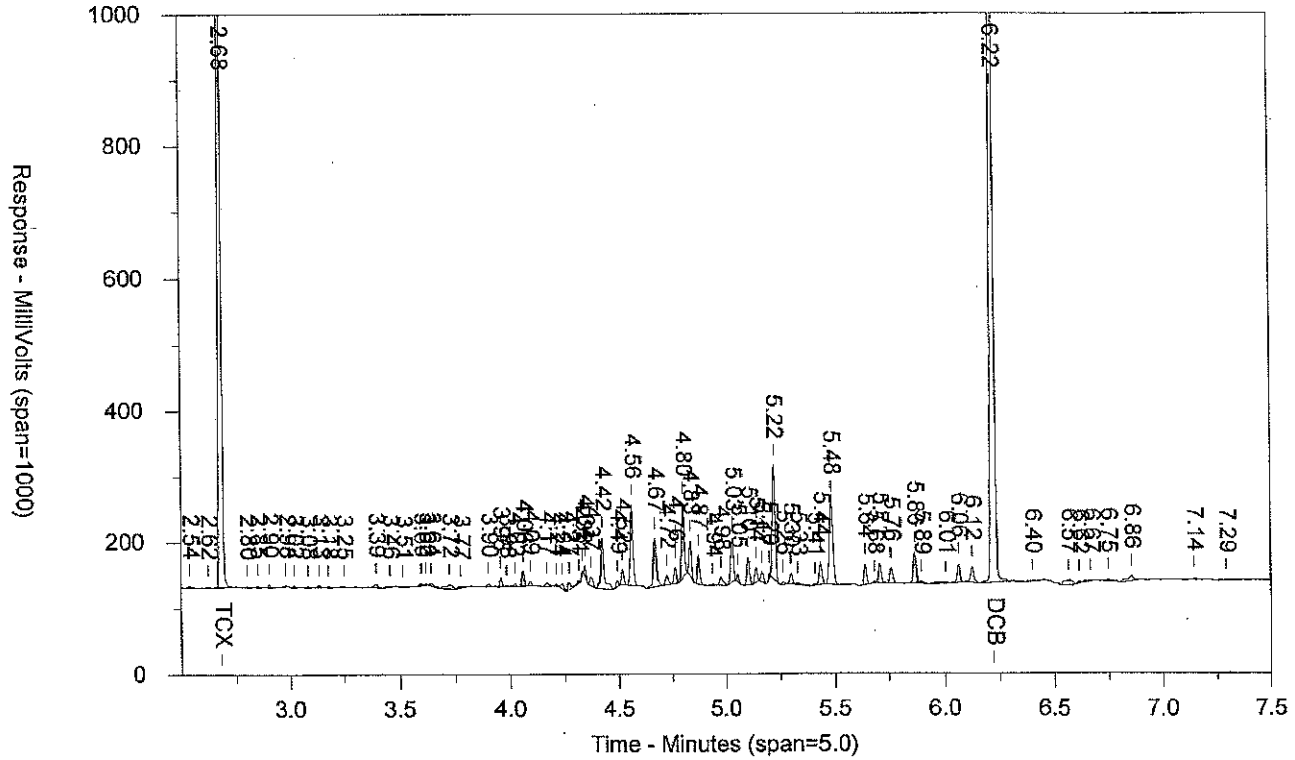

LANCASTER LABORATORIES

Sample Number: 7051117 RI ACF ABS8514 T 131340008A 10736 Sample Weight: SW-846 8082
Injected On: 5/15/2013 6:02:05 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2363096	9.816	TCX	2.68	3093946	10.22	TCX
6.45	2328498	11.599	DCB	6.222	1981459	11.965	DCB

Files:
Area File: BP7127.051.RAW
Area File: BP7127B.051.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 6:10:47 PM
File Reported On: 5/15/2013 at 6:10:51 PM

7051117 RI ACF ABS8514 T 131340008A 10736 SW-846 8082

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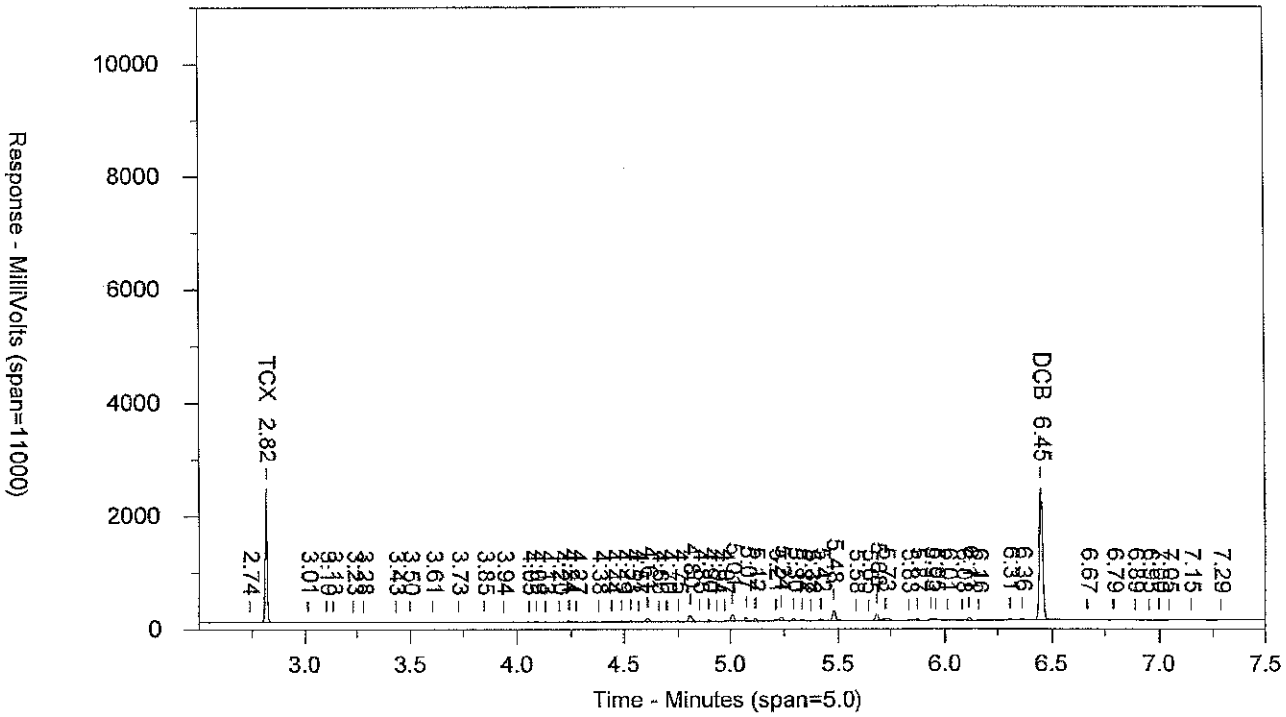

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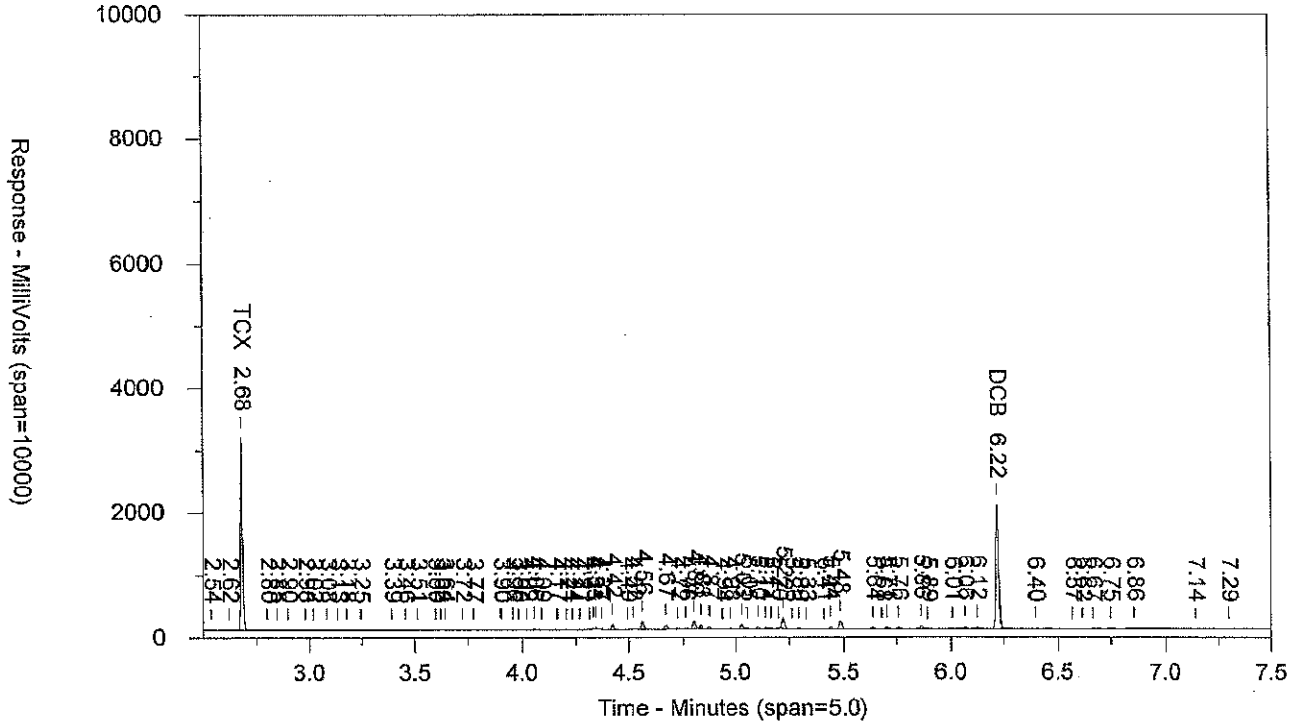

Standards Data

Polychlorinated Biphenyls (PCBs)

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\1p7127.seq
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Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7
Number of Entries: 42

Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	1p7127.01R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
2 CONDITIONER	2	MISC	AA	1p7127.02R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
3 CONDITIONER	3	MISC	AA	1p7127.03R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
4 CONDITIONER	4	MISC	AA	1p7127.04R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
5 IBLKX1324D	5	PIBLK	AA	1p7127.05R	\CP7\PESTDI7.MET	1000	10	1	0	1312699999	
6 AR1611324B	6	ICAL	AA	1p7127.06R	\CP7\PESTDI7.MET	1	1	1	1	1312699999	
7 AR1621324B	7	ICAL	AA	1p7127.07R	\CP7\PESTDI7.MET	1	1	1	2	1312699999	
8 AR1631324B	8	ICAL	AA	1p7127.08R	\CP7\PESTDI7.MET	1	1	1	3	1312699999	
9 AR1641324B	9	ICAL	AA	1p7127.09R	\CP7\PESTDI7.MET	1	1	1	4	1312699999	
10 AR1651324B	10	ICAL	AA	1p7127.10R	\CP7\PESTDI7.MET	1	1	1	5	1312699999	
11 AR4811224B	11	ICAL	AA	1p7127.11R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
12 AR4821224B	12	ICAL	AA	1p7127.12R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
13 AR4831224B	13	ICAL	AA	1p7127.13R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
14 AR4841224B	14	ICAL	AA	1p7127.14R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
15 AR4851224B	15	ICAL	AA	1p7127.15R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
16 AR5411324A	16	ICAL	AA	1p7127.16R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
17 AR5421324A	17	ICAL	AA	1p7127.17R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
18 AR5431324A	18	ICAL	AA	1p7127.18R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
19 AR5441324A	19	ICAL	AA	1p7127.19R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
20 AR5451324A	20	ICAL	AA	1p7127.20R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
21 AR6231224C	21	ICAL	AA	1p7127.21R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
22 AR6831324A	22	ICAL	AA	1p7127.22R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
23 AR2131224C	23	ICAL	AA	1p7127.23R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
24 AR32X1324A	24	ICAL	AA	1p7127.24R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
25 AR4231224D	25	ICAL	AA	1p7127.25R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
26 AR16XX1324A	26	ICAL	AA	1p7127.26R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
27 MD16X1324B	27	ICAL	AA	1p7127.27R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
28 IC16X1324B	28	CCAL	AA	1p7127.28R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
29 IC48X1224B	29	CCAL	AA	1p7127.29R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
30 IC54X1324A	30	CCAL	AA	1p7127.30R	\CP7\PESTDI7.MET	1	1	1	0	1312699999	
31 BLANKA 5/6/13AF	31	BLK	AB	1p7127.31R	PESTDI7.MET	1000	10	1	0	131260008A	10227
32 LCSA 5/6/13AF	32	LCS	AB	1p7127.32R	PESTDI7.MET	1000	10	1	0	131260008A	10227
33 LCSDA 5/6/13AF	33	LCSD	AB	1p7127.33R	PESTDI7.MET	1000	10	1	0	131260008A	10227
34 7041206 RI AF	34	T	AB	1p7127.34R	PESTDI7.MET	985	10	1	0	131260008A	10227
35 7041209 RI AF	35	T	AB	1p7127.35R	PESTDI7.MET	978	10	1	0	131260008A	10227
36 7041212 RI AF	36	T	AB	1p7127.36R	PESTDI7.MET	962	10	1	0	131260008A	10227
37 7041215 RI AF	37	T	AB	1p7127.37R	PESTDI7.MET	1005	10	1	0	131260008A	10227
38 7041218 RI AF	38	T	AB	1p7127.38R	PESTDI7.MET	954	10	1	0	131260008A	10227
39 7042768 RI AF	39	T	AB	1p7127.39R	PESTDI7.MET	1019	10	1	0	131260008A	10227
40 7042769 RI AF	40	T	AB	1p7127.40R	PESTDI7.MET	1017	10	1	0	131260008A	10227
41 AR1631324B	41	CCAL	UX	1p7127.41R	pestdi7.MET	1	1	1	0	1312699999	
42 IBLKX1324D	42	PIBLK	BG	1p7127.42R	pestdi7.MET	1000	10	1	0	1312699999	

Set-up by: 2855 Date: 7 May 13
5/7/2013

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperf\chromperfect-data\Dept-24\Active\CP7\BP7127.seq

Chromatography Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 55

	Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1	CONDITIONER	1	MISC	AA	BP7127.01R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
2	CONDITIONER	2	MISC	AA	BP7127.02R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
3	CONDITIONER	3	MISC	AA	BP7127.03R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
4	CONDITIONER	4	MISC	AA	BP7127.04R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
5	AR1631324B	5	CCAL	YY	BP7127.05R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
6	IBLKX1324D	6	PIBLK	FC	BP7127.06R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
7	7051079ACF DF5	7	T	AC	BP7127.07R	:\CP7\PESTDI7.MET	30.5	50	1	0	131330023A	10736
8	7051079ACF DF10	8	T	AD	BP7127.08R	:\CP7\PESTDI7.MET	30.5	100	1	0	131330023A	10736
9	7051090 RI ACF DF5	9	T	AC	BP7127.09R	:\CP7\PESTDI7.MET	30.3	50	1	0	131330023A	10736
10	7051090ACF DF10	10	T	AF	BP7127.10R	:\CP7\PESTDI7.MET	30.3	100	1	0	131330023A	10736
11	7051094ACF DF10	11	T	AC	BP7127.11R	:\CP7\PESTDI7.MET	30.1	100	1	0	131330023A	10736
12	7051094ACF DF20	12	T	AD	BP7127.12R	:\CP7\PESTDI7.MET	30.1	200	1	0	131330023A	10736
13	AR1631324B	13	CCAL	YZ	BP7127.13R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
14	IBLKX1324D	14	PIBLK	FD	BP7127.14R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
15	BLANKA 5/14/13AF	15	BLK	AB	BP7127.15R	:\CP7\PESTDI7.MET	1000	10	1	0	131340007A	06030
16	LCSA 5/14/13AF	16	LCS	AB	BP7127.16R	:\CP7\PESTDI7.MET	1000	10	1	0	131340007A	06030
17	LCSDA 5/14/13AF	17	LCSD	AB	BP7127.17R	:\CP7\PESTDI7.MET	1000	10	1	0	131340007A	06030
18	7049363R RI AF	18	T	AB	BP7127.18R	:\CP7\PESTDI7.MET	1035	10	1	0	131340007A	06030
19	AR1631324B	19	CCAL	ZA	BP7127.19R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
20	IBLKX1324D	20	PIBLK	FE	BP7127.20R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
21	BLANKA 5/14/13ACF	21	BLK	AB	BP7127.21R	PESTDI7.MET	30	10	1	0	131340008A	10736
22	LCSA 5/14/13ACF	22	LCS	AB	BP7127.22R	PESTDI7.MET	30	10	1	0	131340008A	10736
23	7051098 RI ACF	23	T	AB	BP7127.23R	PESTDI7.MET	30	10	1	0	131340008A	10736
24	7051099 RI ACF	24	T	AB	BP7127.24R	PESTDI7.MET	30	10	1	0	131340008A	10736
25	7051100 RI ACF	25	T	AB	BP7127.25R	PESTDI7.MET	30	10	1	0	131340008A	10736
26	7051101 RI ACF	26	T	AB	BP7127.26R	PESTDI7.MET	30	10	1	0	131340008A	10736
27	7051101ACF DF5	27	T	AC	BP7127.27R	PESTDI7.MET	30	50	1	0	131340008A	10736
28	7051102 RI ACF	28	T	AB	BP7127.28R	PESTDI7.MET	30	10	1	0	131340008A	10736
29	7051103 RI ACF	29	T	AB	BP7127.29R	PESTDI7.MET	30	10	1	0	131340008A	10736
30	7051103ACF DF5	30	T	AC	BP7127.30R	PESTDI7.MET	30	50	1	0	131340008A	10736
31	AR1631324B	31	CCAL	ZG	BP7127.31R	pestdi7.MET	1	1	1	0	1313499999	
32	IBLKX1324D	32	PIBLK	FK	BP7127.32R	pestdi7.MET	1000	10	1	0	1313499999	
33	7051104 RI ACF 2014451	33	T	AB	BP7127.33R	PESTDI7.MET	30	10	1	0	131340008A	10736
34	7051105ACF DF50 5/20/13	34	T	AC	BP7127.34R	PESTDI7.MET	30	500	1	0	131340008A	10736
35	7051106 RI ACF	35	T	AB	BP7127.35R	PESTDI7.MET	30	10	1	0	131340008A	10736
36	7051107MSACF	36	MS	AB	BP7127.36R	PESTDI7.MET	30	10	1	0	131340008A	10736
37	7051108MSDACF	37	MSD	AB	BP7127.37R	PESTDI7.MET	30	10	1	0	131340008A	10736
38	7051109 RI ACF	38	T	AB	BP7127.38R	PESTDI7.MET	30	10	1	0	131340008A	10736
39	7051110 RI ACF	39	T	AB	BP7127.39R	PESTDI7.MET	30	10	1	0	131340008A	10736
40	7051111 RI ACF	40	T	AB	BP7127.40R	PESTDI7.MET	30	10	1	0	131340008A	10736
41	7051112 RI ACF	41	T	AB	BP7127.41R	PESTDI7.MET	30	10	1	0	131340008A	10736
42	7051112ACF DF5	42	T	AC	BP7127.42R	PESTDI7.MET	30	50	1	0	131340008A	10736
43	AR1631324B	43	CCAL	ZH	BP7127.43R	pestdi7.MET	1	1	1	0	1313499999	
44	IBLKX1324D	44	PIBLK	FL	BP7127.44R	pestdi7.MET	1000	10	1	0	1313499999	
45	7051113 RI ACF	45	T	AB	BP7127.45R	PESTDI7.MET	30	10	1	0	131340008A	10736
46	7051114 RI ACF	46	T	AB	BP7127.46R	PESTDI7.MET	30	10	1	0	131340008A	10736
47	7051114ACF DF5	47	T	AC	BP7127.47R	PESTDI7.MET	30	50	1	0	131340008A	10736
48	7051115ACF DF5	48	T	AC	BP7127.48R	PESTDI7.MET	30	50	1	0	131340008A	10736
49	7051116 RI ACF	49	T	AB	BP7127.49R	PESTDI7.MET	30	10	1	0	131340008A	10736
50	7051116ACF DF5	50	T	AC	BP7127.50R	PESTDI7.MET	30	50	1	0	131340008A	10736

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperf\chromperfect-data\Dept-24\Active\CP7\BP7127.seq

Chromatography Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 55

Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 7051117 RI ACF	51	T	AB	BP7127.51R	PESTDI7.MET	30	10	1	0	131340008A	10736
52 7052499ACF DF100	52	T	AC	BP7127.52R	PESTDI7.MET	30	1000	1	0	131340008A	10736
53 7052500ACF DF100	53	T	AC	BP7127.53R	PESTDI7.MET	30	1000	1	0	131340008A	10736
54 AR1631324B	54	CCAL	ZI	BP7127.54R	pestdi7.MET	1	1	1	0	1313499999	
55 IBLKX1324D	55	PIBLK	FM	BP7127.55R	pestdi7.MET	1000	10	1	0	1313499999	

Set-up by: 2855 Date: 15May13

5/15/2013

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperf\chromperfect-data\Dept-24\Active\CP7\cp7127.seq

Chromatography Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 42

Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	cp7127.01R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
2 CONDITIONER	2	MISC	AA	cp7127.02R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
3 CONDITIONER	3	MISC	AA	cp7127.03R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
4 CONDITIONER	4	MISC	AA	cp7127.04R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
5 AR1631324B	5	CCAL	ZN	cp7127.05R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
6 IBLKX1324D	6	PIBLK	FP	cp7127.06R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
7 7051103 RI ACF	7	T	AB	cp7127.07R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
8 7051109ACF DF5	8	T	AC	cp7127.08R	:\CP7\PESTDI7.MET	30	50	1	0	131340008A	10736
9 7051110 RI ACF	9	T	AB	cp7127.09R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
10 7051112 RI ACF	10	T	AB	cp7127.10R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
11 7051114 RI ACF	11	T	AB	cp7127.11R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
12 7051115 RI ACF	12	T	AB	cp7127.12R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
13 7051116 RI ACF	13	T	AB	cp7127.13R	:\CP7\PESTDI7.MET	30	10	1	0	131340008A	10736
14 7052500ACF DF50	14	T	AD	cp7127.14R	:\CP7\PESTDI7.MET	30	500	1	0	131340008A	10736
15 BLANKA 5/15/13ACF	15	BLK	AB	cp7127.15R	:\CP7\PESTDI7.MET	30	10	1	0	131340019A	10736
16 LCSA 5/15/13ACF	16	LCS	AB	cp7127.16R	:\CP7\PESTDI7.MET	30	10	1	0	131340019A	10736
17 AR1631324B	17	CCAL	ZO	cp7127.17R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
18 IBLKX1324D	18	PIBLK	FQ	cp7127.18R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
19 7051118ACF DF5	19	T	AC	cp7127.19R	:\CP7\PESTDI7.MET	30.2	50	1	0	131340019A	10736
20 7051119 RI ACF	20	T	AB	cp7127.20R	:\CP7\PESTDI7.MET	30.4	10	1	0	131340019A	10736
21 7051120 RI ACF	21	T	AB	cp7127.21R	:\CP7\PESTDI7.MET	30.3	10	1	0	131340019A	10736
22 7051121 RI ACF	22	T	AB	cp7127.22R	:\CP7\PESTDI7.MET	30.4	10	1	0	131340019A	10736
23 7051122 RI ACF	23	T	AB	cp7127.23R	:\CP7\PESTDI7.MET	30	10	1	0	131340019A	10736
24 7051123 RI ACF	24	T	AB	cp7127.24R	:\CP7\PESTDI7.MET	30.2	10	1	0	131340019A	10736
25 7051124 RI ACF	25	T	AB	cp7127.25R	:\CP7\PESTDI7.MET	30.1	10	1	0	131340019A	10736
26 7051125 RI ACF	26	T	AB	cp7127.26R	:\CP7\PESTDI7.MET	30	10	1	0	131340019A	10736
27 7051126ACF DF5	27	T	AC	cp7127.27R	:\CP7\PESTDI7.MET	30.3	50	1	0	131340019A	10736
28 7051127ACF DF5	28	T	AC	cp7127.28R	:\CP7\PESTDI7.MET	30.4	50	1	0	131340019A	10736
29 AR1631324B	29	CCAL	ZP	cp7127.29R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
30 IBLKX1324D	30	PIBLK	FR	cp7127.30R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	
31 7051128ACF DF5	31	T	AC	cp7127.31R	:\CP7\PESTDI7.MET	30.5	50	1	0	131340019A	10736
32 7051129 RI ACF	32	T	AB	cp7127.32R	:\CP7\PESTDI7.MET	30.2	10	1	0	131340019A	10736
33 7051130 RI ACF	33	T	AB	cp7127.33R	:\CP7\PESTDI7.MET	30.2	10	1	0	131340019A	10736
34 7051131 RI ACF	34	T	AB	cp7127.34R	:\CP7\PESTDI7.MET	30.2	10	1	0	131340019A	10736
35 7051132 RI ACF	35	T	AB	cp7127.35R	:\CP7\PESTDI7.MET	30.3	10	1	0	131340019A	10736
36 7051133ACF DF5	36	T	AC	cp7127.36R	:\CP7\PESTDI7.MET	30.2	50	1	0	131340019A	10736
37 7051134MSACF DF5	37	MS	AC	cp7127.37R	:\CP7\PESTDI7.MET	30.2	50	1	0	131340019A	10736
38 7051135MSDACF DF5	38	MSD	AC	cp7127.38R	:\CP7\PESTDI7.MET	30.5	50	1	0	131340019A	10736
39 7051136ACF DF5	39	T	AC	cp7127.39R	:\CP7\PESTDI7.MET	30.3	50	1	0	131340019A	10736
40 7051137 RI ACF	40	T	AB	cp7127.40R	:\CP7\PESTDI7.MET	30	10	1	0	131340019A	10736
41 AR1631324B	41	CCAL	ZQ	cp7127.41R	:\CP7\PESTDI7.MET	1	1	1	0	1313499999	
42 IBLKX1324D	42	PIBLK	FS	cp7127.42R	:\CP7\PESTDI7.MET	1000	10	1	0	1313499999	

Set-up by: Monica Mendez 5/16/13

5/15/13

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\Hp7127.seq

Chromatography Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 66

Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	Hp7127.01R	\CP7\PESTDI7.MET	1	1	1	0	1314099999	
~~2 CONDITIONER~~	~~2~~	~~MISC~~	~~AA~~	~~Hp7127.02R~~	~~\CP7\PESTDI7.MET~~	~~1~~	~~1~~	~~1~~	~~0~~	~~1314099999~~	
3 CONDITIONER	3	MISC	AA	Hp7127.03R	\CP7\PESTDI7.MET	1	1	1	0	1314099999	
4 CONDITIONER	4	MISC	AA	Hp7127.04R	\CP7\PESTDI7.MET	1	1	1	0	1314099999	
5 AR1631324B	5	CCAL	BI	Hp7127.05R	pestdi7.MET	1	1	1	0	1314099999	
6 IBLKX1324D	6	PIBLK	HM	Hp7127.06R	pestdi7.MET	1000	10	1	0	1314099999	
7 BLANKA 5/20/13ACF	7	BLK	AB	Hp7127.07R	PESTDI7.MET	30	10	1	0	131370026A	10225
8 LCSA 5/20/13ACF	8	LCS	AB	Hp7127.08R	PESTDI7.MET	30	10	1	0	131370026A	10225
9 AR1631324B	9	CCAL	BJ	Hp7127.09R	pestdi7.MET	1	1	1	0	1314099999	
10 IBLKX1324D	10	PIBLK	HN	Hp7127.10R	pestdi7.MET	1000	10	1	0	1314099999	
11 7059838ACF DF10	11	T	AC	Hp7127.11R	PESTDI7.MET	30.1	100	1	0	131370026A	10225
12 7059839ACF DF10	12	T	AC	Hp7127.12R	PESTDI7.MET	30.2	100	1	0	131370026A	10225
13 7059840ACF DF500	13	T	AC	Hp7127.13R	PESTDI7.MET	30.1	5000	1	0	131370026A	10225
14 7059841 RI ACF	14	T	AB	Hp7127.14R	PESTDI7.MET	30.1	10	1	0	131370026A	10225
15 7059842 RI ACF	15	T	AB	Hp7127.15R	PESTDI7.MET	30.1	10	1	0	131370026A	10225
16 7059843MSACF	16	MS	AB	Hp7127.16R	PESTDI7.MET	30.2	10	1	0	131370026A	10225
17 7059844MSDACF	17	MSD	AB	Hp7127.17R	PESTDI7.MET	30	10	1	0	131370026A	10225
18 7059845ACF DF5	18	T	AC	Hp7127.18R	PESTDI7.MET	30	50	1	0	131370026A	10225
19 7059846ACF DF100	19	T	AC	Hp7127.19R	PESTDI7.MET	30.1	1000	1	0	131370026A	10225
20 7059847ACF DF10	20	T	AC	Hp7127.20R	PESTDI7.MET	30.2	100	1	0	131370026A	10225
21 AR1631324B	21	CCAL	BK	Hp7127.21R	pestdi7.MET	1	1	1	0	1314099999	
22 IBLKX1324D	22	PIBLK	HO	Hp7127.22R	pestdi7.MET	1000	10	1	0	1314099999	
23 7059848 RI ACF	23	T	AB	Hp7127.23R	PESTDI7.MET	30.2	10	1	0	131370026A	10225
24 7059849ACF DF100	24	T	AC	Hp7127.24R	PESTDI7.MET	30	1000	1	0	131370026A	10225
25 7059850ACF DF20	25	T	AC	Hp7127.25R	PESTDI7.MET	30	200	1	0	131370026A	10225
26 7059851ACF DF50	26	T	AC	Hp7127.26R	PESTDI7.MET	30.1	500	1	0	131370026A	10225
27 7059852ACF DF50	27	T	AC	Hp7127.27R	PESTDI7.MET	30	500	1	0	131370026A	10225
28 7059853ACF DF50	28	T	AC	Hp7127.28R	PESTDI7.MET	30.1	500	1	0	131370026A	10225
29 7059854ACF DF500	29	T	AC	Hp7127.29R	PESTDI7.MET	30.3	5000	1	0	131370026A	10225
30 7059855 RI ACF	30	T	AB	Hp7127.30R	PESTDI7.MET	30	10	1	0	131370026A	10225
31 7059856 RI ACF	31	T	AB	Hp7127.31R	PESTDI7.MET	30	10	1	0	131370026A	10225
32 7059857 RI ACF	32	T	AB	Hp7127.32R	PESTDI7.MET	30	10	1	0	131370026A	10225
33 AR1631324B	33	CCAL	BL	Hp7127.33R	pestdi7.MET	1	1	1	0	1314099999	
34 IBLKX1324D	34	PIBLK	HP	Hp7127.34R	pestdi7.MET	1000	10	1	0	1314099999	
35 BLANKA 5/20/13ACF	35	BLK	AB	Hp7127.35R	PESTDI7.MET	30	10	1	0	131400005A	10736
36 LCSA 5/20/13ACF	36	LCS	AB	Hp7127.36R	PESTDI7.MET	30	10	1	0	131400005A	10736
37 7051104R RI ACF	37	T	AB	Hp7127.37R	PESTDI7.MET	30	10	1	0	131400005A	10736
38 7057656 RI ACF	38	T	AB	Hp7127.38R	PESTDI7.MET	30	10	1	0	131400005A	10736
39 7057656MSACF	39	MS	AB	Hp7127.39R	PESTDI7.MET	30	10	1	0	131400005A	10736
40 7057656MSDACF	40	MSD	AB	Hp7127.40R	PESTDI7.MET	30	10	1	0	131400005A	10736
41 AR1631324B	41	CCAL	BM	Hp7127.41R	pestdi7.MET	1	1	1	0	1314099999	
42 IBLKX1324D	42	PIBLK	HQ	Hp7127.42R	pestdi7.MET	1000	10	1	0	1314099999	
43 BLANKA 5/20/13AF	43	BLK	AB	Hp7127.43R	PESTDI7.MET	250	2	1	0	131400007A	10227
44 LCSA 5/20/13AF	44	LCS	AB	Hp7127.44R	PESTDI7.MET	250	2	1	0	131400007A	10227
45 LCSDA 5/20/13AF	45	LCSD	AB	Hp7127.45R	PESTDI7.MET	250	2	1	0	131400007A	10227
46 7057582R RI AF	46	T	AB	Hp7127.46R	PESTDI7.MET	241	2	1	0	131400007A	10227
47 7061669 RI AF	47	T	AB	Hp7127.47R	PESTDI7.MET	246	2	1	0	131400007A	10227
48 AR1631324B	48	CCAL	BN	Hp7127.48R	pestdi7.MET	1	1	1	0	1314099999	
49 IBLKX1324D	49	PIBLK	HR	Hp7127.49R	pestdi7.MET	1000	10	1	0	1314099999	
50 7057668 RI ACF	50	T	AB	Hp7127.50R	PESTDI7.MET	30	10	1	0	131400005A	10736

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Chromatography Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 66

Samplename	VP	Code	ID	FileName	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 7061544ACF DF50	51	T	AC	Hp7127.51R	PESTDI7.MET	15	500	1	0	131400005A	10736
52 7061545ACF DF50	52	T	AC	Hp7127.52R	PESTDI7.MET	15	500	1	0	131400005A	10736
53 7061546 RI ACF	53	T	AB	Hp7127.53R	PESTDI7.MET	15	10	1	0	131400005A	10736
54 7061547 RI ACF	54	T	AB	Hp7127.54R	PESTDI7.MET	30	10	1	0	131400005A	10736
55 7061548 RI ACF	55	T	AB	Hp7127.55R	PESTDI7.MET	30	10	1	0	131400005A	10736
56 7061549 RI ACF	56	T	AB	Hp7127.56R	PESTDI7.MET	30	10	1	0	131400005A	10736
57 7061550ACF DF20	57	T	AC	Hp7127.57R	PESTDI7.MET	15	200	1	0	131400005A	10736
58 7061551 RI ACF	58	T	AB	Hp7127.58R	PESTDI7.MET	30	10	1	0	131400005A	10736
59 AR1631324B	59	CCAL	BO	Hp7127.59R	pestdi7.MET	1	1	1	0	1314099999	
60 IBLKX1324D	60	PIBLK	HU	Hp7127.60R	pestdi7.MET	1000	10	1	0	1314099999	
61 7059838ACF DF50	61	T	AD	Hp7127.61R	PESTDI7.MET	30.1	500	1	0	131370026A	10225
62 7059841ACF DF10	62	T	AC	Hp7127.62R	PESTDI7.MET	30.1	100	1	0	131370026A	10225
63 7059845ACF DF20	63	T	AD	Hp7127.63R	PESTDI7.MET	30	200	1	0	131370026A	10225
64 7059847ACF DF100	64	T	AD	Hp7127.64R	PESTDI7.MET	30.2	1000	1	0	131370026A	10225
65 AR1631324B	65	CCAL	BP	Hp7127.65R	pestdi7.MET	1	1	1	0	1314099999	
66 IBLKX1324D	66	PIBLK	HV	Hp7127.66R	pestdi7.MET	1000	10	1	0	1314099999	

Set-up by: Monica Henderson Date: 5-22-13

5/21/2013

LANCASTER LABORATORIES

Sample Number: IBLKX1324D AAPIBLKAA PIBLK1312699999 Injection VolumeSW846 8082
Injected On: 5/7/2013 1:05:24 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.005.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.551		3367	4004
1.616		2061	2727
1.89		6644	5707
1.995		3587	5764
2.118		2591	1976
2.215		15465	12140
2.342		5223	4265
2.372		158978	101213
2.415		30910	19715
2.651		72408	43317
2.674		5666	4917
2.741		3168	3348
2.817	TCX	1572189	1007357
2.856		8690	5655
3.013		3292	2392
3.102		2742	2173
3.15		1219	858
3.209		50808	30040
3.228		5741	2745
3.272		4772	4237
3.306		12922	8258
3.433		4488	3875
3.464		3015	2713
3.522		26016	17858
3.554		8569	8059
3.611		2030	1845
3.635		2530	1579
3.743		3991	7058
3.786		15252	10607
3.825		1272	902
3.886		1836	1624
3.937		3345	3823
3.972		13745	12074
4.06		4482	6430
4.114		1845	1380
4.195		4365	12791
4.238		2004	1860
4.324		1712	1744
4.389		4702	7555
4.432		3604	4896
4.531		1177	1247
4.57		1832	2023
4.693		2151	2214
4.73		23829	31925
4.777		6233	6989
4.819		1942	2973
4.854		3084	3244
4.894		2296	1987
4.916		4324	3215
4.967		19064	19180
5.091		4084	5384
5.246		6025	9882
5.298		1643	1176

RT A	Compound A	Height A	Area A
5.324		1857	1361
5.379		14795	23519
5.422		2081	1960
5.501		34221	35767
5.539		1641	1838
5.597		877	1178
5.651		7785	8230
5.686		1972	1586
5.731		4131	5360
5.766		11171	12972
5.839		4287	3921
5.875		33233	31361
5.937		59176	69397
6.012		24748	36403
6.087		1834	1941
6.132		2090	3000
6.329		43042	58473
6.37		360235	428890
6.454	DCB	1252612	1285414
6.542		4878	6072
6.589		533175	698456
7.231		2658	3778

LANCASTER LABORATORIES

Sample Number: IBLKX1324D AAPIBLKAA PIBLK1312699999 Injection Volume: 1 SW-846 8082
Injected On: 5/7/2013 1:05:24 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.005.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.552		3030	2974
1.615		1925	1707
1.84		5956	5503
1.938		1656	988
1.971		16744	13272
2.06		4560	8214
2.112		4128	3615
2.205		6075	4701
2.361		2248	1591
2.428		177623	102021
2.472		2351	1097
2.489		32965	18319
2.539		5506	5617
2.611		11345	8057
2.629		5907	2552
2.682	TCX	2018008	1301936
2.786		4374	2237
2.852		4276	4900
2.902		3054	1875
2.929		1182	693
2.991		2337	1479
3.023		2673	2993
3.134		4777	4745
3.187		2973	2386
3.243		12644	8083
3.269		41977	23012
3.343		3759	4704
3.394		11092	7811
3.413		4669	1847
3.441		30724	18149
3.562		1560	1445
3.6		1569	1371
3.618		3228	2418
3.649		6571	6314
3.727		5771	9864
3.78		3293	7437
3.842		1972	1399
3.868		13902	8344
3.905		4883	5584
3.964		1930	1291
4.054		11477	7547
4.1		1506	883
4.17		5649	8752
4.225		1536	869
4.315		3673	21690
4.452		4172	8862
4.543		14648	15985
4.624		985	951
4.69		6960	9241
4.74		6329	10042
4.778		20816	17219
4.943		1914	2321
5.036		3961	5602
5.099		4929	5338

5.158		1712	2302
5.18		15989	14653
5.225		1196	799
5.246		1819	1278
5.302		33922	30109
5.334		2173	2345
5.408		5237	4839
5.49		2539	2288
5.643		34474	35852
5.712		43477	42466
5.767		13478	18335
5.843		2853	2225
5.904		1724	1782
5.959		2383	3259
6.034		27963	24167
6.066		13692	11019
6.129		246558	358960
6.226	DCB	1056085	967959
7.6		2444	6265
7.64		2194	2611
7.679		5368	7986

IBLKX1324D AAPIBLKAA PIBLK1312699999 SW-846 8082

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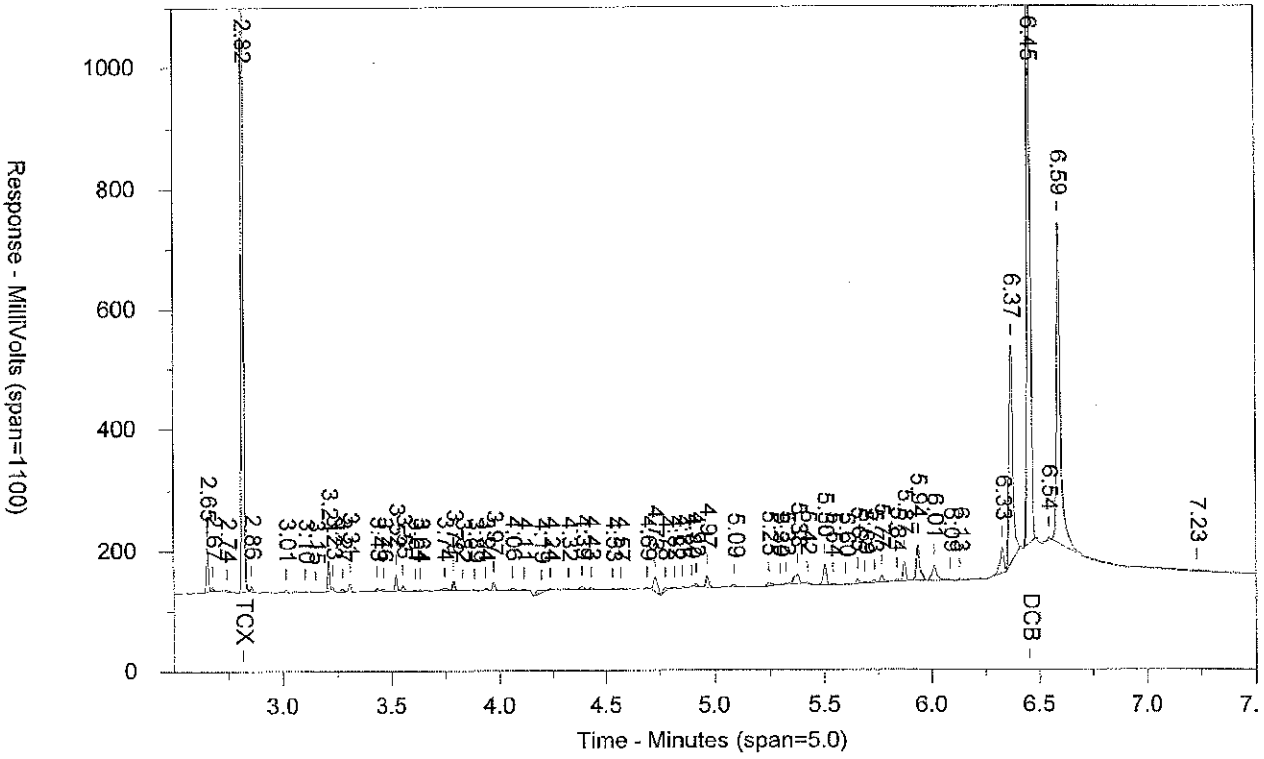

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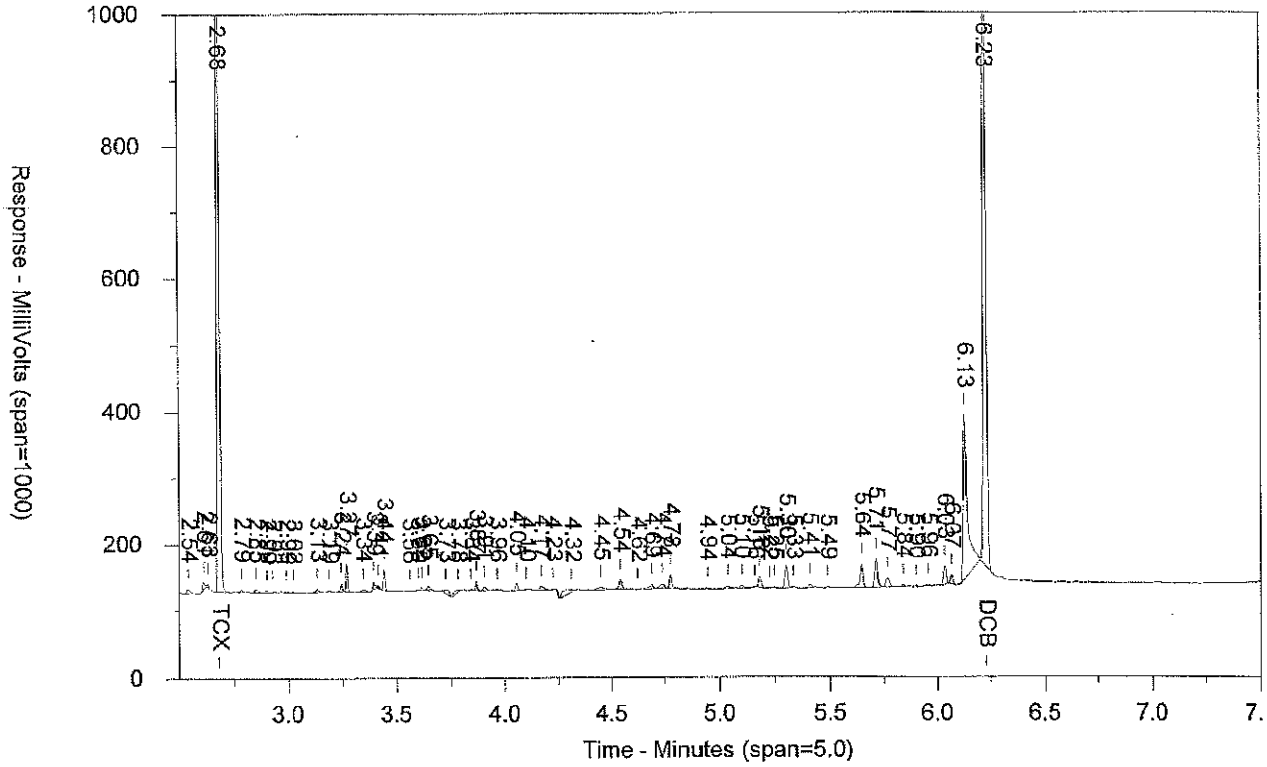

LANCASTER LABORATORIES

Sample Number: IBLKX1324D AAPIBLKAA PIBLK1312699999
Injected On: 5/7/2013 1:05:24 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW846 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	1572189	.196	TCX	2.682	2018008	.2	TCX
6.454	1252612	.187	DCB	6.226	1056085	.191	DCB

Files:
Area File: 1p7127.005.RAW
Area File: 1p7127B.005.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 1:14:06 PM
File Reported On: 5/7/2013 at 4:22:13 PM

IBLKX1324D AAPIBLKAA PIBLK1312699999 SW-846 8082

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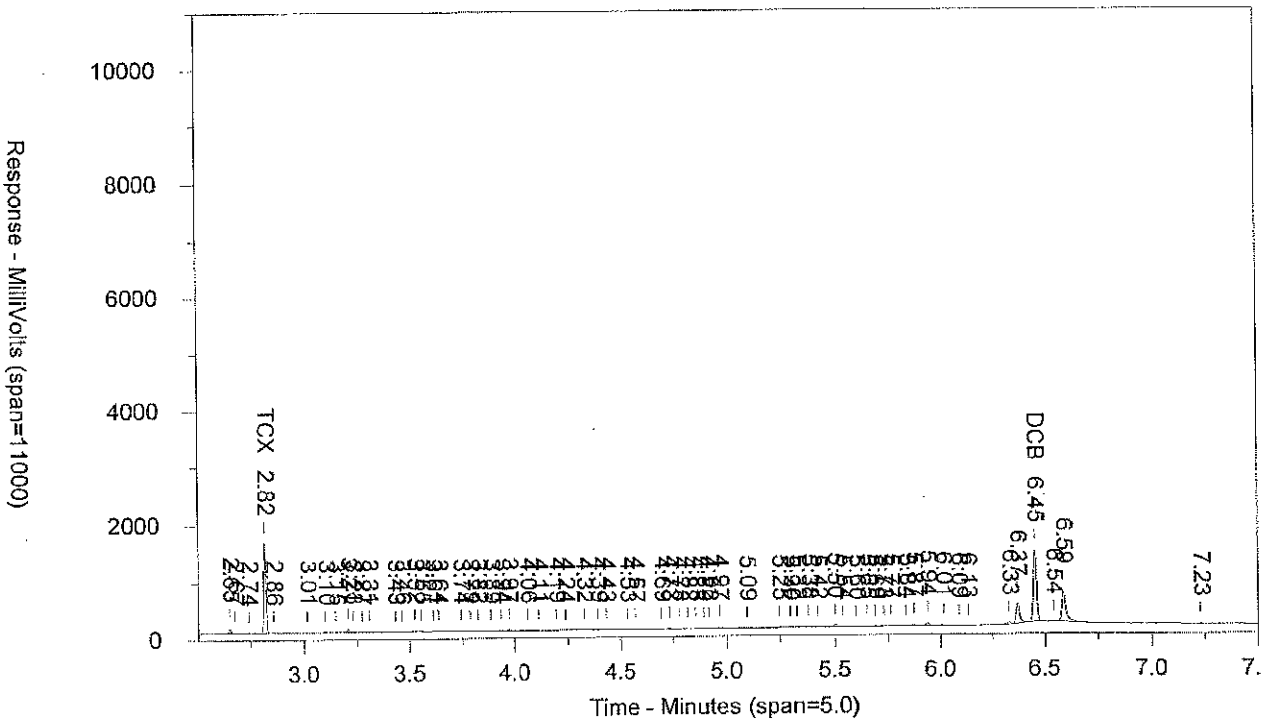

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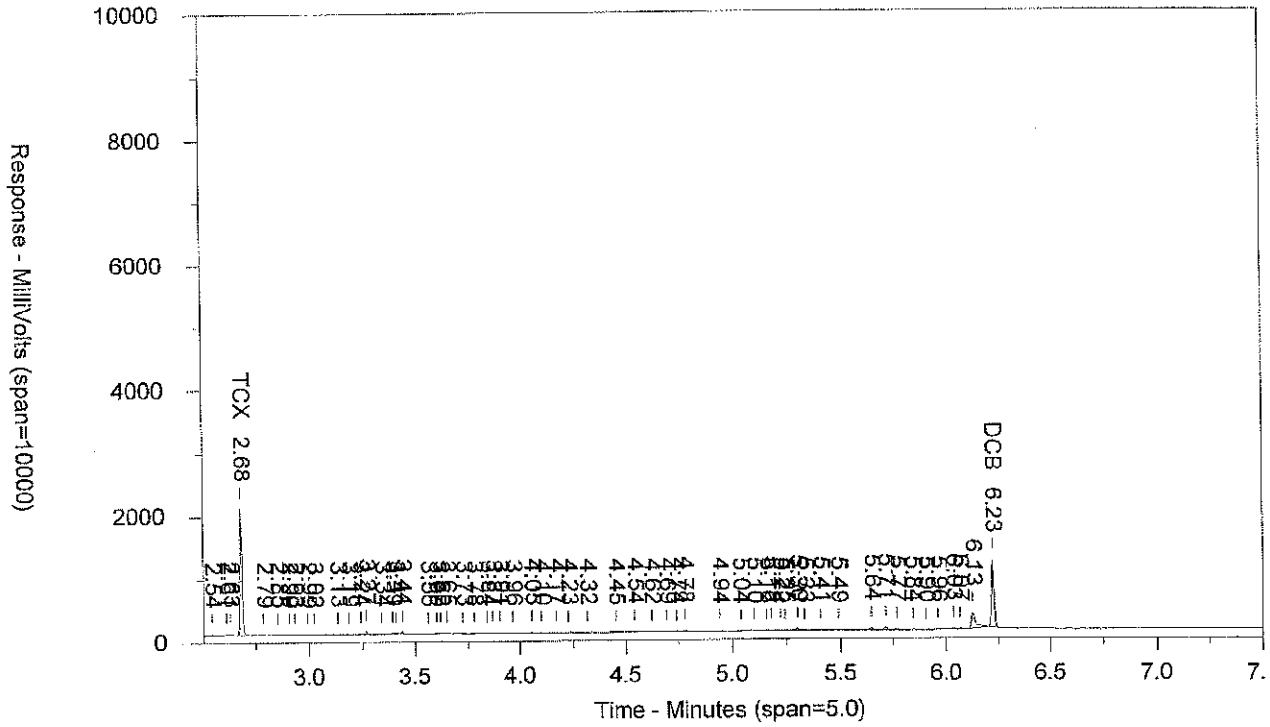

LANCASTER LABORATORIES

Sample Number: AR1611324B AAAR161AA ICAL 1312699999 Injection Volume:SW846 8082
Injected On: 5/7/2013 1:16:48 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.006.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.784		1852	3716
1.997		8662	26425
2.215		33405	23577
2.461		1627	1433
2.672		13657	12992
2.817	TCX	311515	209583
2.911		840	555
2.969		16060	13174
3.026		16318	11207
3.072		79090	54056
3.164		10224	6672
3.285		80587	47960
3.301		34075	18275
3.337		8371	4678
3.368		5824	3159
3.398		96516	73121
3.471		5956	3954
3.507		19704	11032
3.564		39400	21030
3.574		85521	42830
3.61		121602	89264
3.665		102010	73384
3.703		8851	6201
3.73		72008	51376
3.757		57548	48849
3.851		82204	56948
3.874		27066	17190
3.903		31312	21526
3.938		83963	83845
3.975		28090	21813
4.021		3861	2702
4.058		5248	3782
4.093		78007	55430
4.112		21599	11891
4.134		24254	17892
4.202		9856	11604
4.243		78117	74991
4.277		4185	2870
4.335		1747	1877
4.374		24354	24486
4.444		36888	47624
4.489		40293	33853
4.535		95804	101839
4.571		21850	15726
4.61		202510	189957
4.651		4785	4284
4.696		20006	23812
4.729		5969	4474
4.755		26384	28512
4.807		240813	287594
4.854		58849	54404
4.898		109226	123094
4.94		2974	1839

RT A	Compound A	Height A	Area A
4.976		19819	25282
5.012		250522	263857
5.077		168772	158569
5.121		99864	94954
5.217		22084	17914
5.241		169680	158163
5.298		90816	84270
5.338		43667	42243
5.381		12316	12802
5.425		52316	51132
5.482		411286	450554
5.65		4779	4302
5.687		250861	257717
5.742		85708	154974
5.839		1645	1547
5.874		12598	11857
5.936		7036	4869
5.957		46482	39121
6.011		10755	11799
6.114		121191	124679
6.158		7158	6979
6.311		34884	33434
6.368		90257	105438
6.453	DCB	305275	319638
6.539		1710	1401
6.599		3062	7198

LANCASTER LABORATORIES

Sample Number: AR1611324B AAAR161AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 1:16:48 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.006.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.937		1337	8311
1.971		36992	25639
2.06		8596	16127
2.364		1946	1443
2.474		1765	2646
2.571		1655	1172
2.61		32373	38625
2.681	TCX	413957	263607
2.727		11574	9270
2.803		2076	1601
2.854		25780	17465
2.916		21936	13470
2.969		107635	69898
3.082		14670	9863
3.177		131660	136887
3.229		14815	9163
3.25		8932	5023
3.275		10550	6249
3.301		121775	89960
3.336		7618	4561
3.382		29338	15886
3.397		16002	8062
3.448		52030	24677
3.457		114620	53449
3.492		132604	106834
3.567		123742	83683
3.6		86099	53593
3.624		99399	58715
3.642		26308	13305
3.73		109116	78959
3.754		33870	20038
3.776		38125	24908
3.808		27657	14860
3.825		83148	50977
3.868		34655	26669
3.913		9980	9447
3.936		22863	14524
3.96		110430	74979
3.985		22952	14517
4.006		4619	2485
4.024		9270	5695
4.061		81447	61582
4.097		6951	4809
4.114		9629	6450
4.176		1400	1543
4.201		20583	21794
4.27		19817	15468
4.316		24911	15324
4.345		94552	83953
4.372		38704	39801
4.426		216618	183919
4.469		7086	5910
4.497		11021	7565
4.522		44286	33719

4.565		236334	198457
4.673		211774	210589
4.729		30776	26797
4.766		59491	51386
4.804		198465	184669
4.836		143740	118826
4.876		93832	77563
4.941		937	955
4.979		35078	34847
5.032		182013	161701
5.058		15293	9773
5.107		99559	96483
5.143		41588	34077
5.171		30079	26833
5.226		374727	363849
5.267		8020	6203
5.301		23339	21067
5.416		5823	6135
5.442		96392	85525
5.488		256262	281756
5.643		12018	13324
5.686		5150	3715
5.712		12756	10038
5.762		51428	52407
5.867		108699	98527
5.898		5179	3880
6.066		30899	27538
6.128		61756	65437
6.226	DCB	250991	236500

AR1611324B AAAR161AA ICAL 1312699999 SW-846 8082

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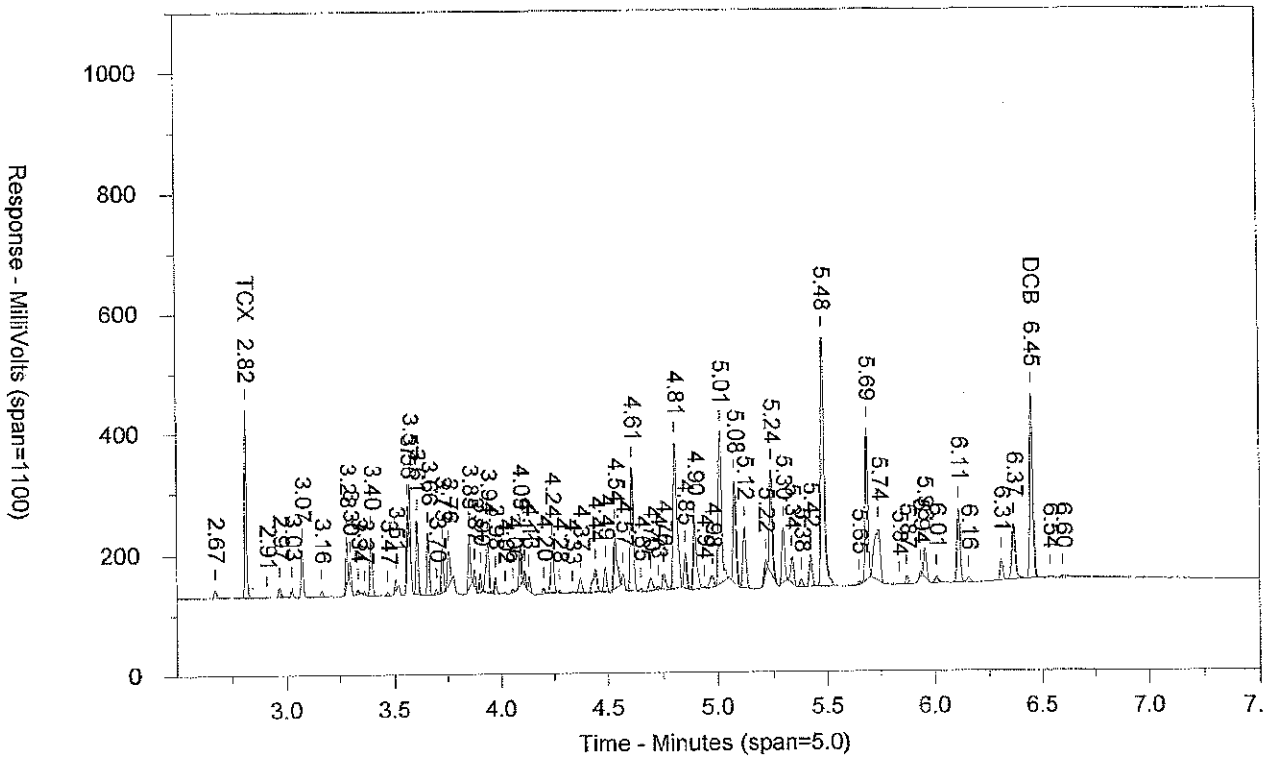

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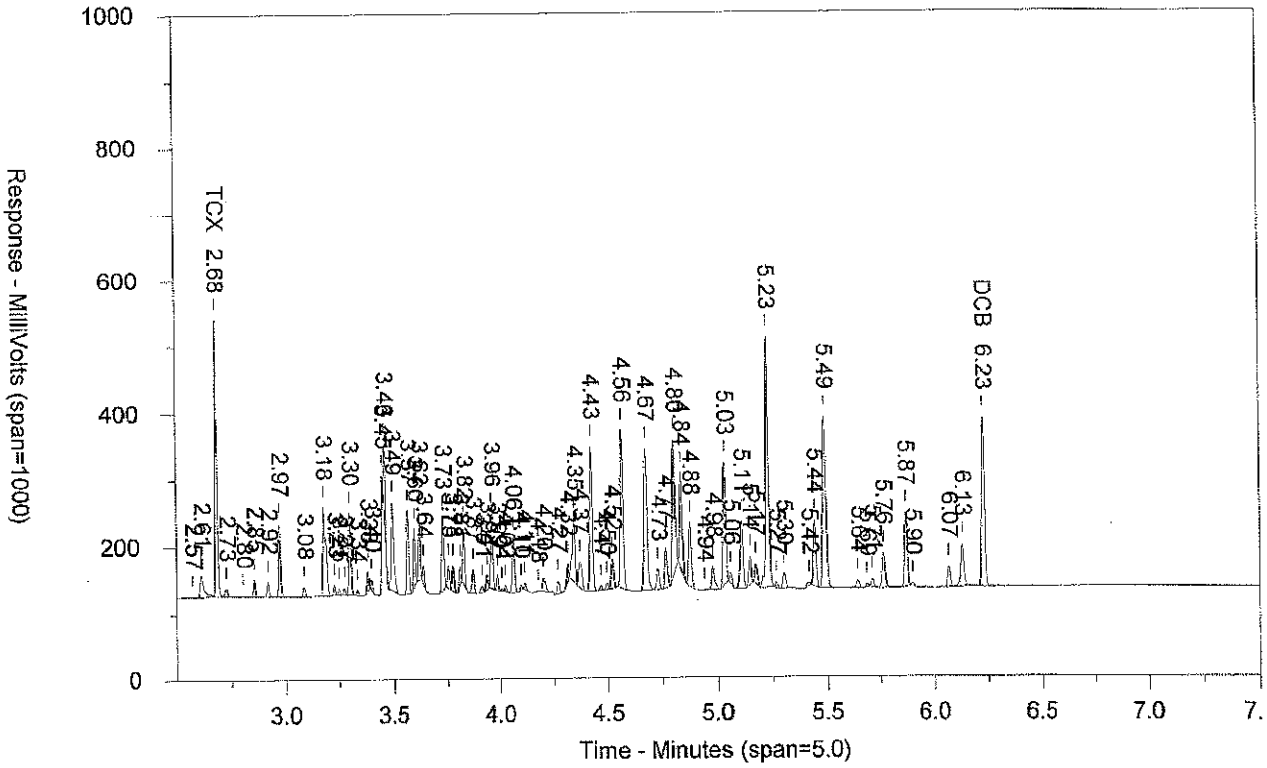

LANCASTER LABORATORIES

Sample Number: AR1611324B AAAR161AA ICAL 1312699999
Injected On: 5/7/2013 1:16:48 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	311515	3.882	TCX	2.681	413957	4.102	TCX
6.453	305275	4.562	DCB	6.226	250991	4.547	DCB

Files:
Area File: 1p7127.006.RAW
Area File: 1p7127B.006.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
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AR1611324B AAAR161AA ICAL 1312699999 SW-846 8082

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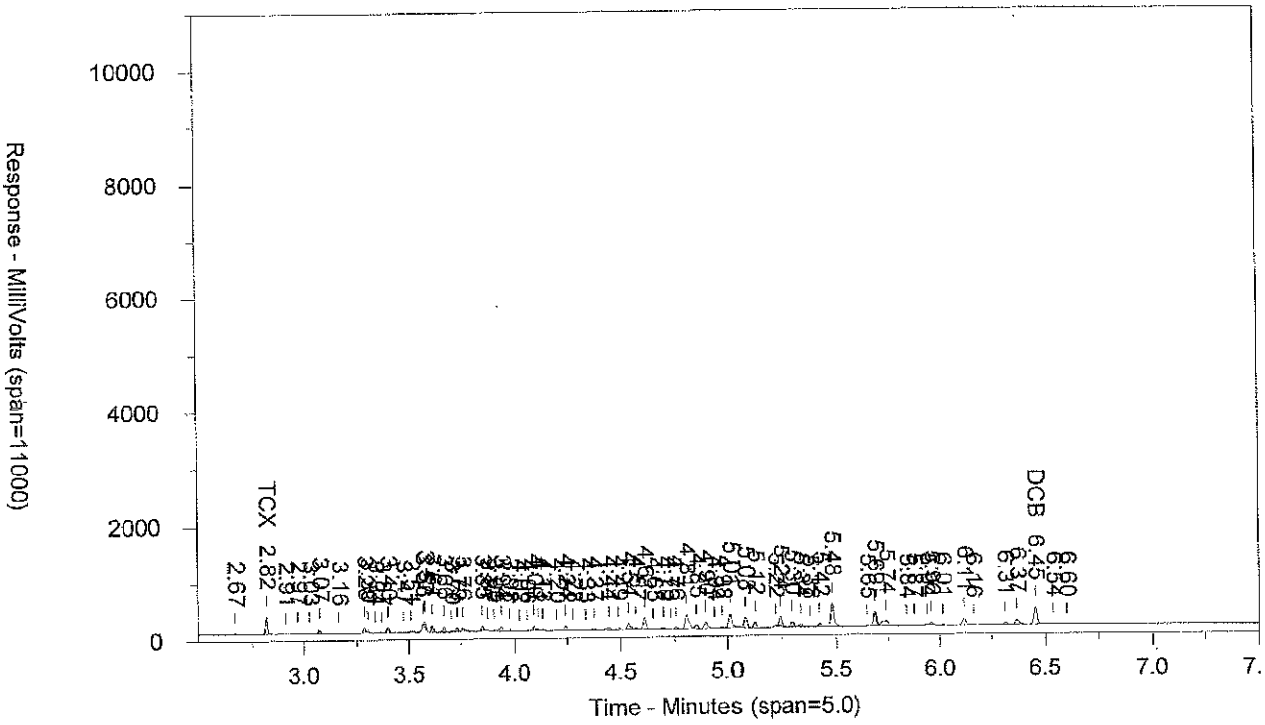

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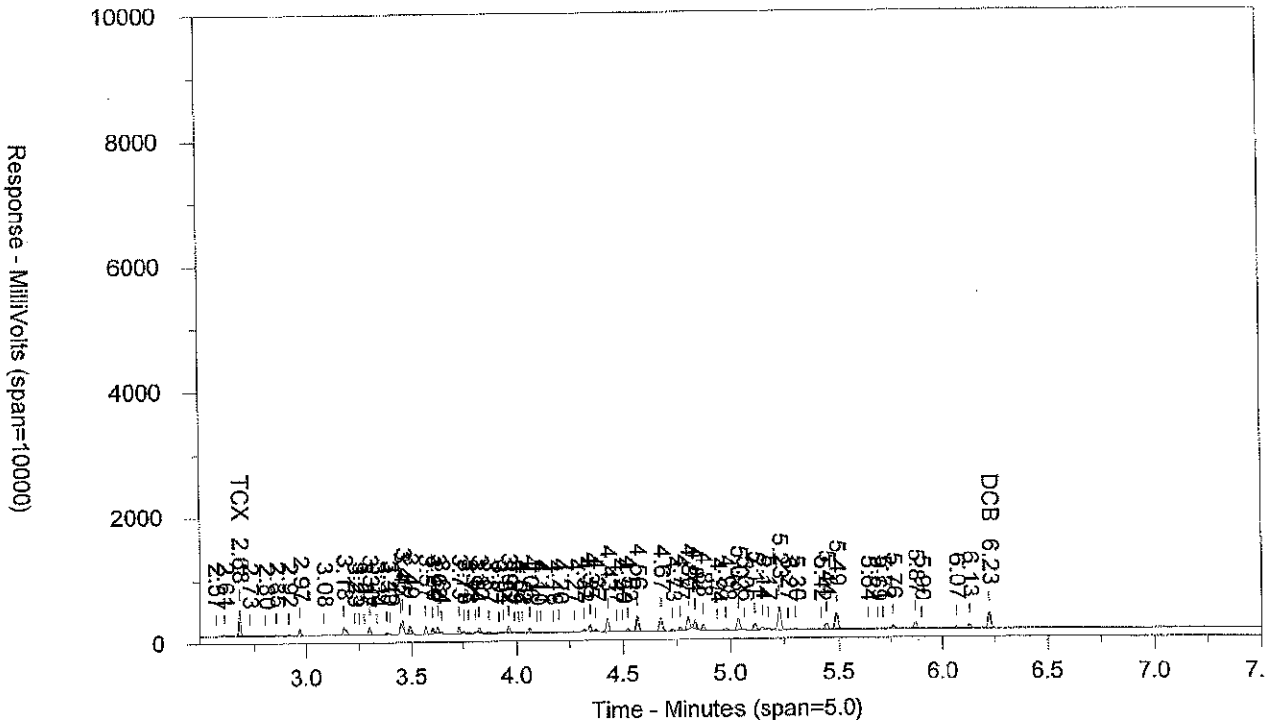

LANCASTER LABORATORIES

Sample Number: AR1621324B AAAR162AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 1:28:06 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.007.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.635		1308	1307
1.787		1758	3291
1.998		11544	35149
2.118		3040	2551
2.215		32815	24596
2.461		4212	5288
2.615		2059	1928
2.651		1300	912
2.673		12717	12282
2.817	TCX	1537613	1009779
2.969		28757	23886
3.025		28767	20454
3.073		138217	97772
3.164		19273	13279
3.285		148748	86859
3.301		67871	33758
3.337		16366	9024
3.367		10913	5857
3.397		177085	133658
3.447		1268	1817
3.471		11327	7885
3.506		35040	19942
3.52		16572	7927
3.563		72776	38787
3.574		164060	84146
3.609		216808	161196
3.665		184021	135778
3.702		16442	11299
3.73		127599	92456
3.757		97025	87245
3.777		22756	10416
3.851		149370	105444
3.874		51769	31506
3.903		57836	39352
3.937		153423	154805
3.975		50972	39678
4.022		7824	6666
4.058		10894	7662
4.092		139905	102063
4.112		39615	21809
4.134		42014	31103
4.202		16981	17818
4.243		140186	136758
4.277		7572	5576
4.334		3676	3653
4.375		46825	48224
4.443		70677	88249
4.489		73390	62955
4.535		166521	186149
4.571		41868	29053
4.61		373738	341547
4.65		9456	8242
4.695		37114	42350

RT A	Compound A	Height A	Area A
4.729		20485	15448
4.755		48654	44095
4.807		423587	526198
4.854		111246	100537
4.896		201484	230567
4.939		5109	2989
4.972		44148	57250
5.011		453656	437388
5.052		7572	3058
5.076		312742	288478
5.119		176204	173990
5.216		46032	38619
5.24		313384	289813
5.298		170294	153544
5.338		88641	81948
5.378		33729	33770
5.425		103492	105110
5.482		771828	856112
5.649		3106	2461
5.687		480667	477562
5.739		158400	297615
5.837		1317	1165
5.873		42966	40890
5.936		31329	22693
5.956		76072	63999
6.011		12514	15074
6.113		221515	222455
6.158		14065	13018
6.277		2573	2626
6.311		75385	72429
6.367		71840	80866
6.452	DCB	1318541	1313909
6.526		4103	7202
6.595		3370	8307
6.759		2067	2697
8.364		2170	4576

LANCASTER LABORATORIES

Sample Number: AR1621324B AAAR162AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 1:28:06 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.007.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.591		1334	1219
1.726		2896	5365
1.937		2307	11855
1.971		37515	28883
2.008		1885	1719
2.061		11353	20723
2.112		3778	3073
2.209		1392	1590
2.364		4060	3528
2.481		3193	4181
2.541		1198	818
2.611		29924	31606
2.682	TCX	1994936	1241406
2.727		19593	15034
2.805		7178	6458
2.855		46184	31721
2.916		39772	26781
2.969		191442	125009
3.082		25307	17069
3.14		1822	1534
3.177		231707	245500
3.229		27040	16774
3.25		16425	9501
3.275		18784	10925
3.301		218346	162072
3.336		14306	8696
3.382		50999	26980
3.397		29460	14600
3.448		71353	42168
3.457		211971	99695
3.492		230329	189453
3.567		227202	153652
3.6		153088	96459
3.624		179135	104898
3.642		48261	23756
3.73		191939	141782
3.754		65370	37582
3.776		70273	44686
3.808		50300	27159
3.824		151267	93932
3.868		61845	47431
3.912		19990	19539
3.936		39111	25414
3.959		194917	135267
3.984		41507	25899
4.006		8177	4218
4.024		16156	10034
4.06		147908	111241
4.097		11340	8496
4.114		17679	12152
4.173		5604	5773
4.201		38423	39840
4.244		6208	3649
4.27		34465	27097

4.315		48110	29055
4.345		172747	154901
4.372		72033	72916
4.426		388833	328454
4.468		11585	9056
4.496		20244	13754
4.521		81209	59269
4.542		6351	2904
4.565		422258	349135
4.672		396191	380071
4.729		58315	53000
4.766		103498	96427
4.804		368628	332614
4.836		263154	206561
4.875		171318	141570
4.939		1265	1274
4.978		64850	64930
5.031		334621	295508
5.057		27679	17534
5.107		183200	177036
5.143		80507	63245
5.171		55328	53818
5.203		8536	5184
5.225		690568	618741
5.266		14084	11178
5.301		61560	52421
5.33		2612	2883
5.417		8170	6396
5.441		176190	156471
5.488		474896	520251
5.609		2997	3244
5.642		38653	33945
5.686		9305	6651
5.711		46037	39253
5.761		99857	95234
5.866		203862	184126
5.897		10158	6981
6.066		62946	56679
6.128		50860	55088
6.225	DCB	1089327	985154
6.403		1312	1368
8.471		1394	2240

AR1621324B AAAR162AA ICAL 1312699999 SW-846 8082

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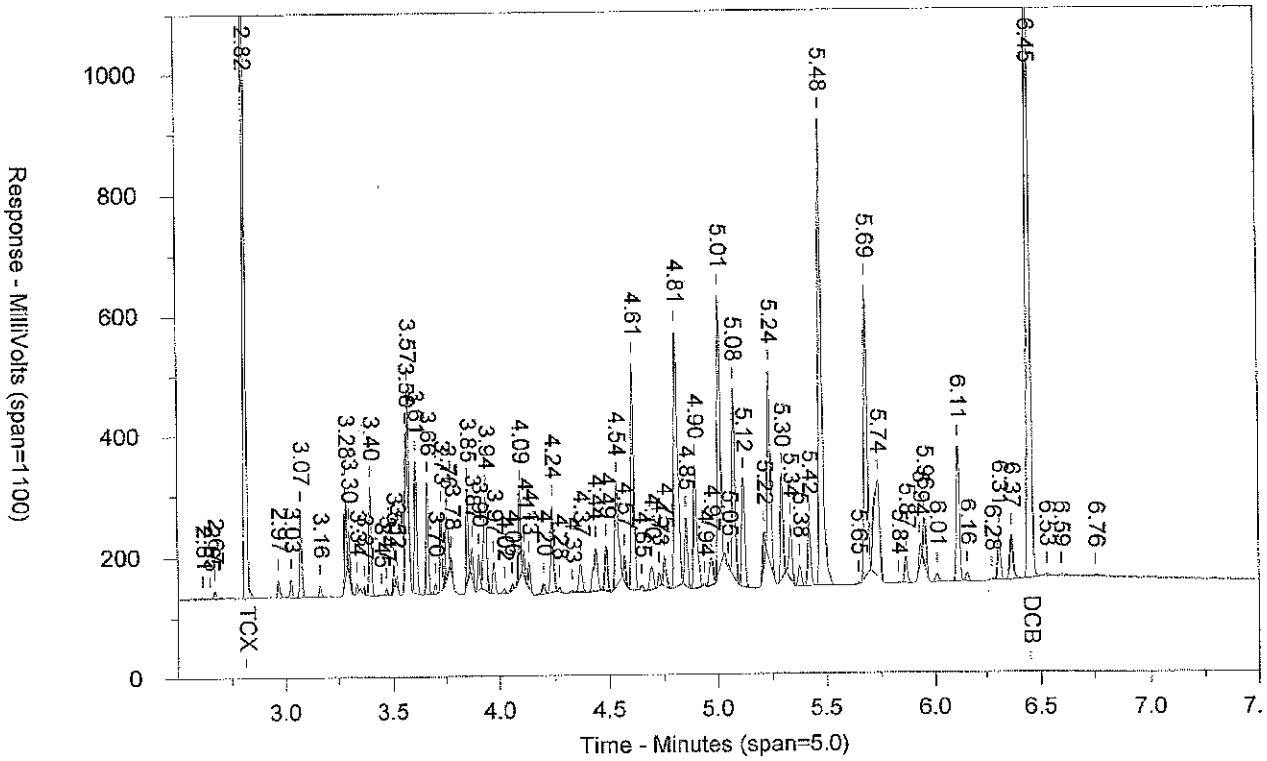

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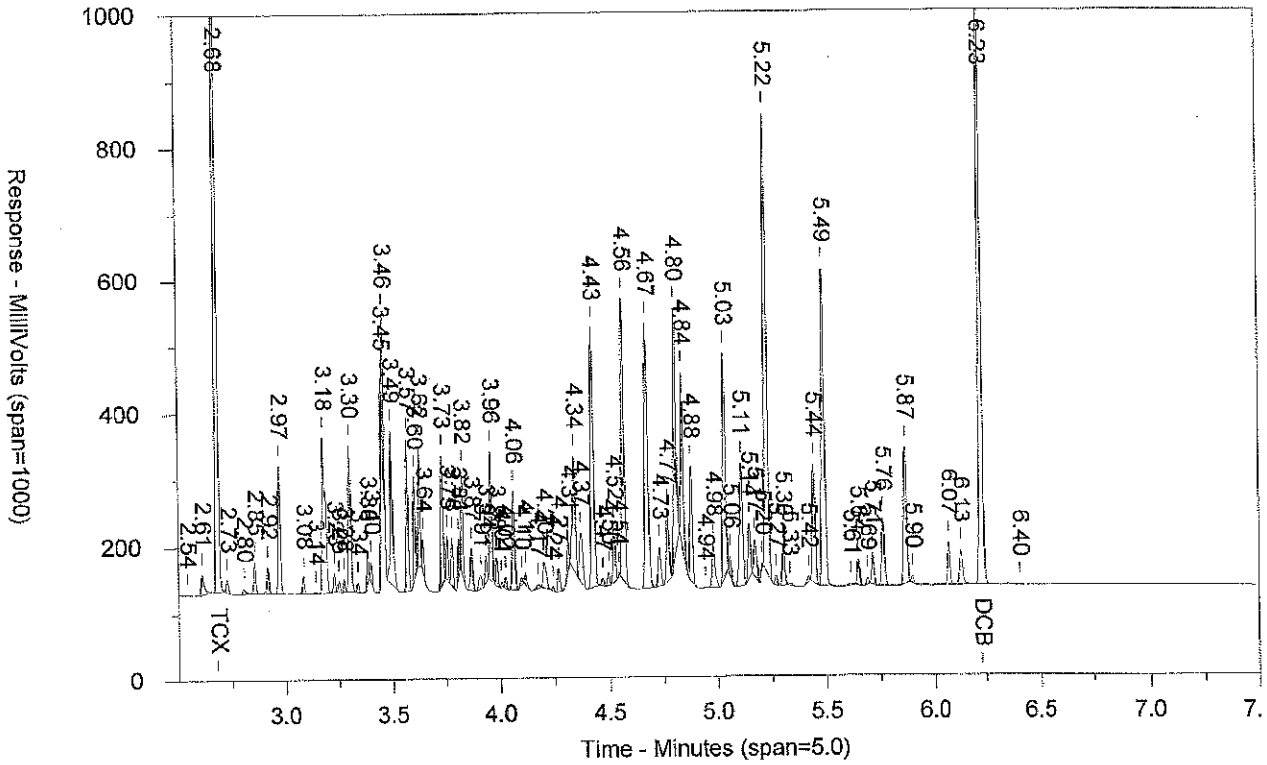

LANCASTER LABORATORIES

Sample Number: AR1621324B AAAR162AA ICAL 1312699999
Injected On: 5/7/2013 1:28:06 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	1537613	19.161	TCX	2.682	1994936	19.769	TCX
6.452	1318541	19.704	DCB	6.225	1089327	19.733	DCB

Files:
Area File: 1p7127.007.RAW
Area File: 1p7127B.007.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 1:36:51 PM
File Reported On: 5/7/2013 at 4:22:35 PM

AR1621324B AAAR162AA ICAL 1312699999 SW-846 8082

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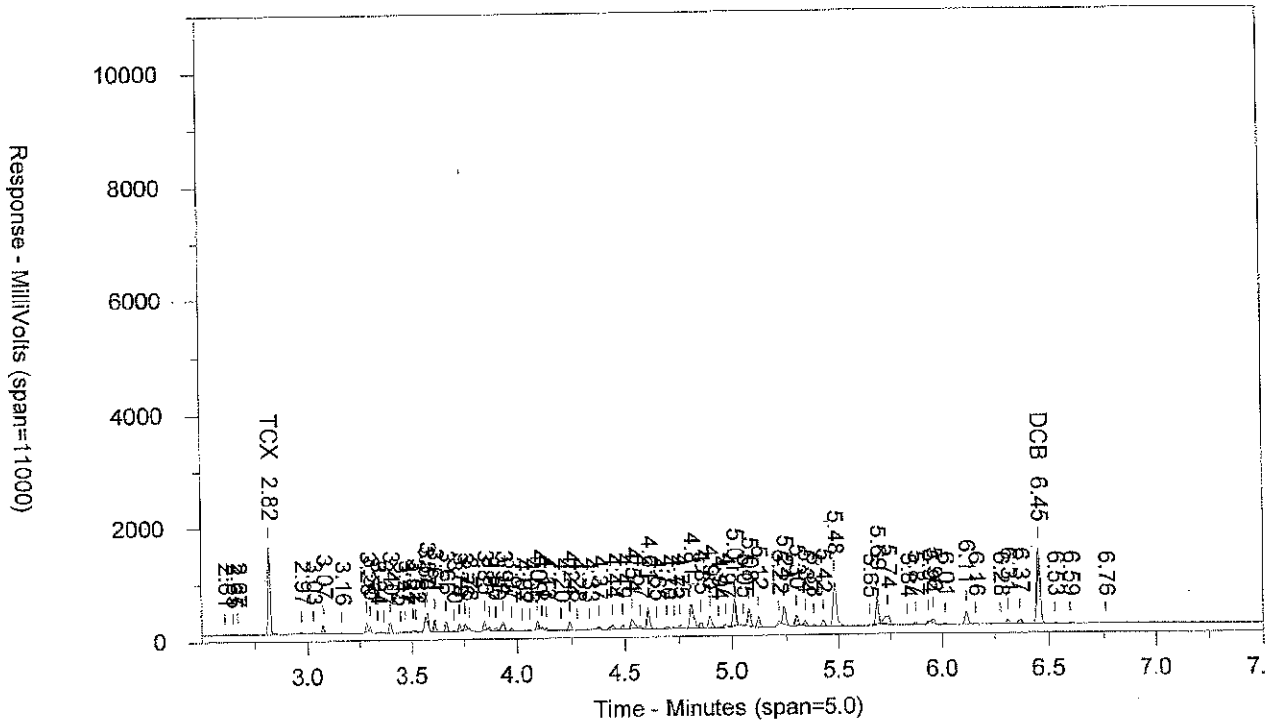

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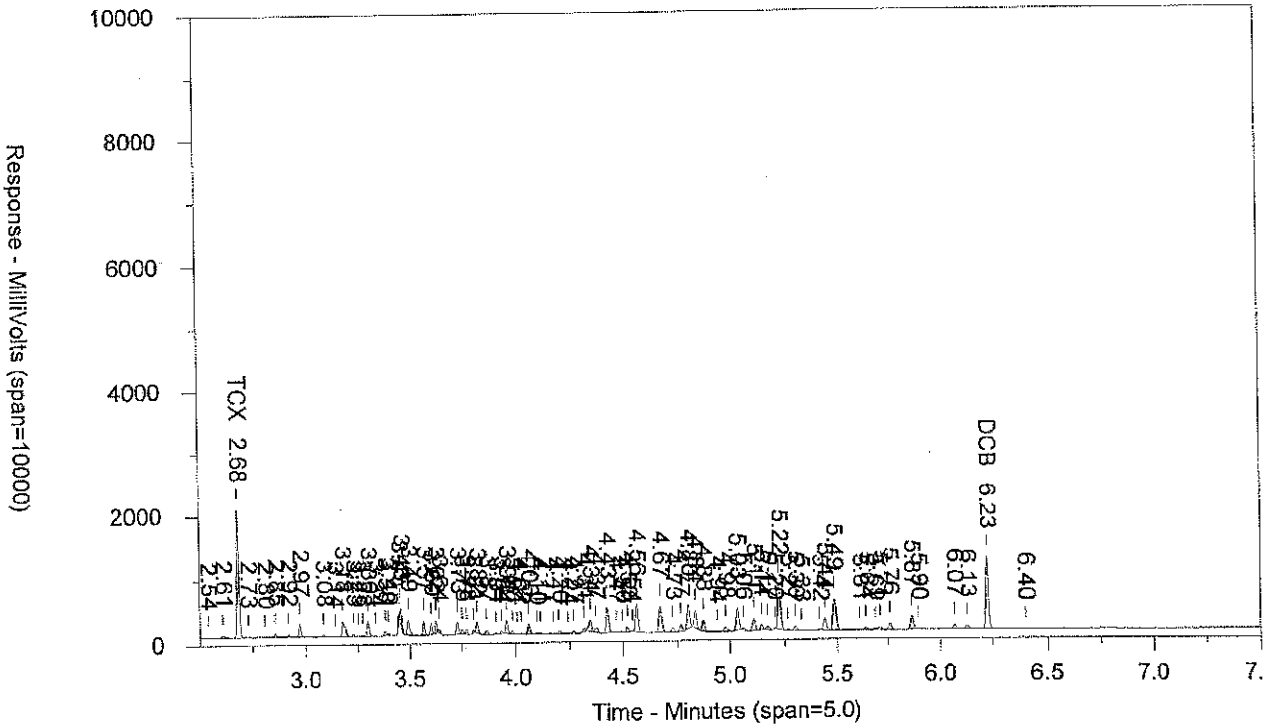

LANCASTER LABORATORIES

Sample Number: AR1631324B AAAR163AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 1:39:21 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.008.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.936		1899	19934
1.997		6049	16146
2.117		6213	6868
2.215		26738	21990
2.46		4858	3678
2.673		6933	5545
2.735		1062	651
2.817	TCX	3220336	2062286
2.969		54378	45528
3.025		55062	40032
3.072		261606	184198
3.164		36030	25570
3.208		1913	1524
3.284		270139	162898
3.301		129287	65717
3.337		29689	16831
3.352		10878	4525
3.367		20171	10913
3.397		342396	252796
3.433		2024	968
3.448		2013	972
3.47		21142	14645
3.505		72439	40460
3.519		33130	15695
3.563		124653	75662
3.572		331521	162398
3.608		423558	311652
3.664		365159	263684
3.701		31987	22210
3.729		240592	174154
3.756		183981	161845
3.777		46193	22892
3.849		285658	197866
3.872		92725	60858
3.902		111710	76915
3.937		289253	295000
3.974		103286	77914
4.02		14786	11750
4.057		17860	13131
4.091		265883	189187
4.111		77911	42995
4.134		84266	60925
4.2		33278	30944
4.242		267896	258003
4.276		14598	10057
4.334		6785	7258
4.373		86414	85398
4.442		132655	178161
4.488		145759	126386
4.534		330069	356547
4.57		81396	57918
4.609		706710	657539
4.649		16407	14994

RT A	Compound A	Height A	Area A
4.695		72796	82487
4.727		37660	28632
4.754		107183	98141
4.805		837548	1013959
4.853		207286	190211
4.895		408104	447650
4.938		8232	5001
4.973		84397	113962
5.011		922528	951039
5.05		13545	5759
5.076		597055	546402
5.118		334106	335661
5.214		87924	71509
5.24		578281	550490
5.298		318410	290865
5.338		161392	157892
5.379		67533	67587
5.423		188232	188721
5.48		1595446	1697103
5.646		1822	1192
5.686		936535	925479
5.741		284757	538347
5.872		84482	80810
5.936		59080	41720
5.956		144633	121004
6.011		6286	6679
6.113		436298	426355
6.158		27318	25305
6.31		145405	143021
6.367		40390	43506
6.452	DCB	2507175	2541660
6.523		2522	3792
6.602		1298	4003
8.363		2115	4086

LANCASTER LABORATORIES

Sample Number: AR1631324B AAAR163AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 1:39:21 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.008.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.971		29455	24255
2.059		4737	8571
2.111		7299	5376
2.204		1424	1990
2.364		7389	5852
2.478		1802	3065
2.54		1854	1312
2.61		14075	11729
2.681	TCX	4015898	2504603
2.727		35990	27879
2.804		3688	3026
2.854		87726	61228
2.916		76246	52868
2.969		349555	233885
3.019		2043	1198
3.082		49122	33607
3.177		427329	456603
3.229		50549	32918
3.251		30606	17632
3.275		35824	21077
3.301		412330	304104
3.336		27186	16637
3.382		101693	54940
3.397		55095	27218
3.448		129443	80138
3.457		417481	188792
3.492		434415	360228
3.567		434304	294411
3.6		274578	177225
3.624		319535	188206
3.641		85854	42923
3.73		360654	265442
3.754		126382	75651
3.776		133385	86281
3.807		94183	49992
3.824		283485	175461
3.868		120018	93139
3.912		33705	31213
3.936		79332	49852
3.959		360880	253173
3.985		83152	51463
4.006		15461	7971
4.023		30871	19402
4.06		269781	208273
4.097		23094	16132
4.114		32731	23318
4.18		3370	3115
4.201		68962	73977
4.245		10702	6418
4.269		62287	47586
4.315		87950	53143
4.345		317541	286363
4.372		136687	138281
4.425		746973	625684

4.469		23965	19799
4.496		38508	26531
4.521		154450	113830
4.543		9993	4577
4.565		802498	665863
4.672		746403	723090
4.728		109519	98130
4.766		199316	186871
4.803		739852	642718
4.836		501915	398611
4.875		325220	268133
4.939		2037	1994
4.978		126346	128337
5.031		654388	556756
5.056		52686	34579
5.106		336788	332347
5.143		151941	120749
5.17		106778	103806
5.203		16074	9670
5.224		1367061	1211415
5.266		27885	22072
5.301		118156	107547
5.417		15751	10741
5.441		328761	292415
5.487		939622	999279
5.642		76099	72055
5.685		17604	12580
5.711		86642	73665
5.761		185296	174436
5.866		373316	338851
5.897		19999	14546
6.065		117559	109008
6.127		26574	26403
6.225	DCB	2110185	1905524
6.406		1927	2014
8.469		1188	2120

AR1631324B AAAR163AA ICAL 1312699999 SW-846 8082

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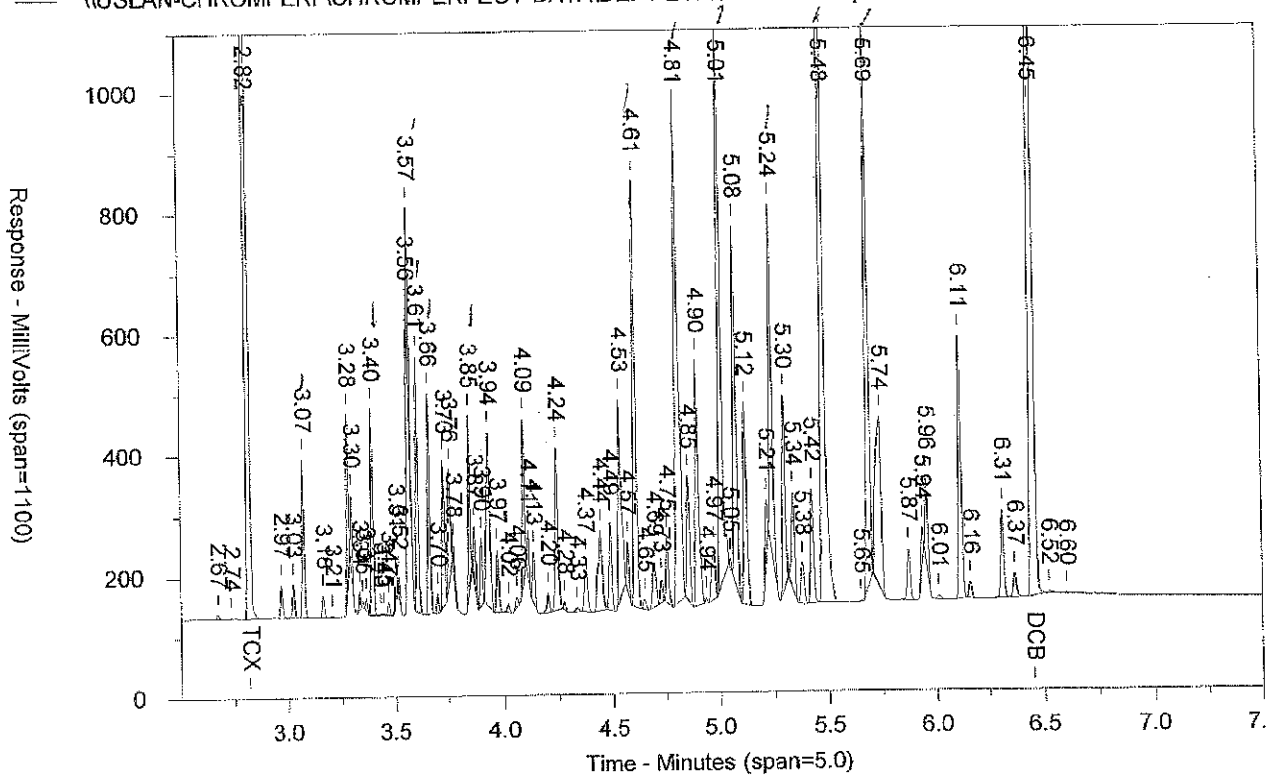

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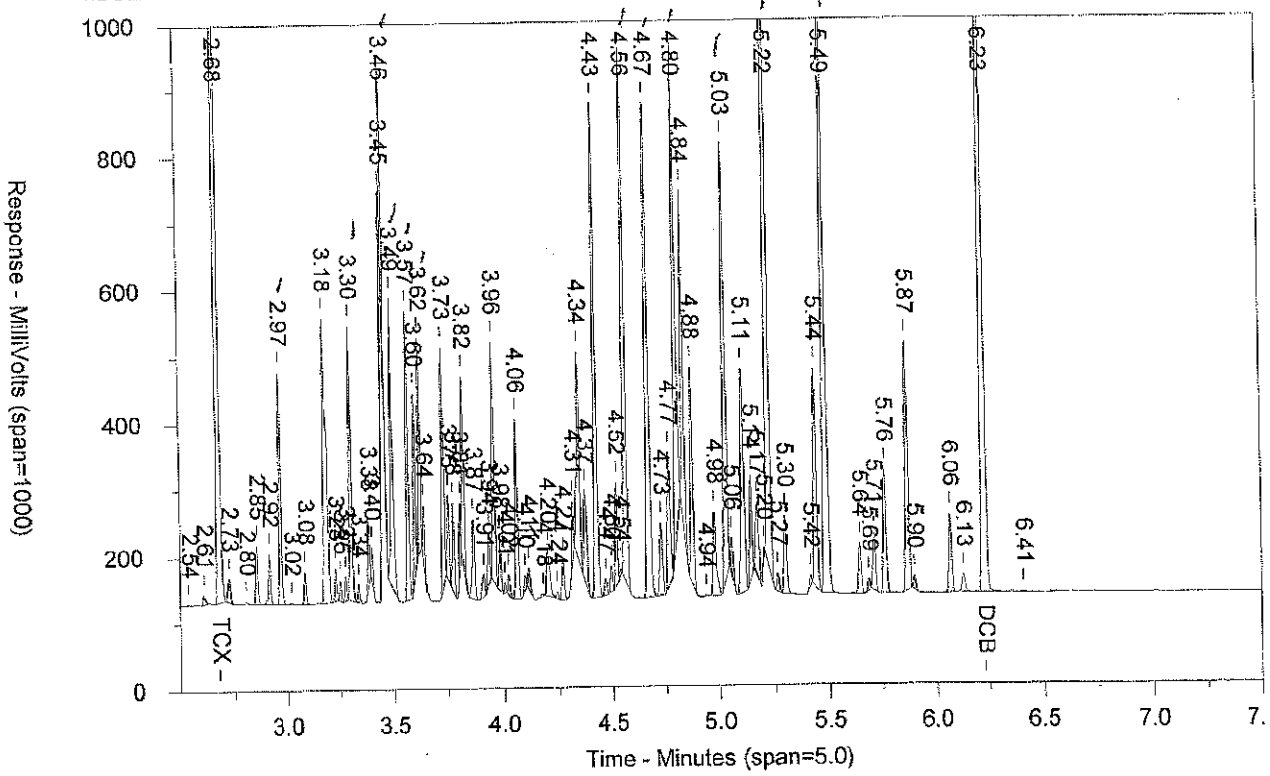

LANCASTER LABORATORIES

Sample Number: AR1631324B AAAR163AA ICAL 1312699999
Injected On: 5/7/2013 1:39:21 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3220336	40.129	TCX	2.681	4015898	39.796	TCX
6.452	2507175	37.468	DCB	6.225	2110185	38.226	DCB

Files:
Area File: 1p7127.008.RAW
Area File: 1p7127B.008.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 1:48:05 PM
File Reported On: 5/7/2013 at 4:22:47 PM

AR1631324B AAAR163AA ICAL 1312699999 SW-846 8082

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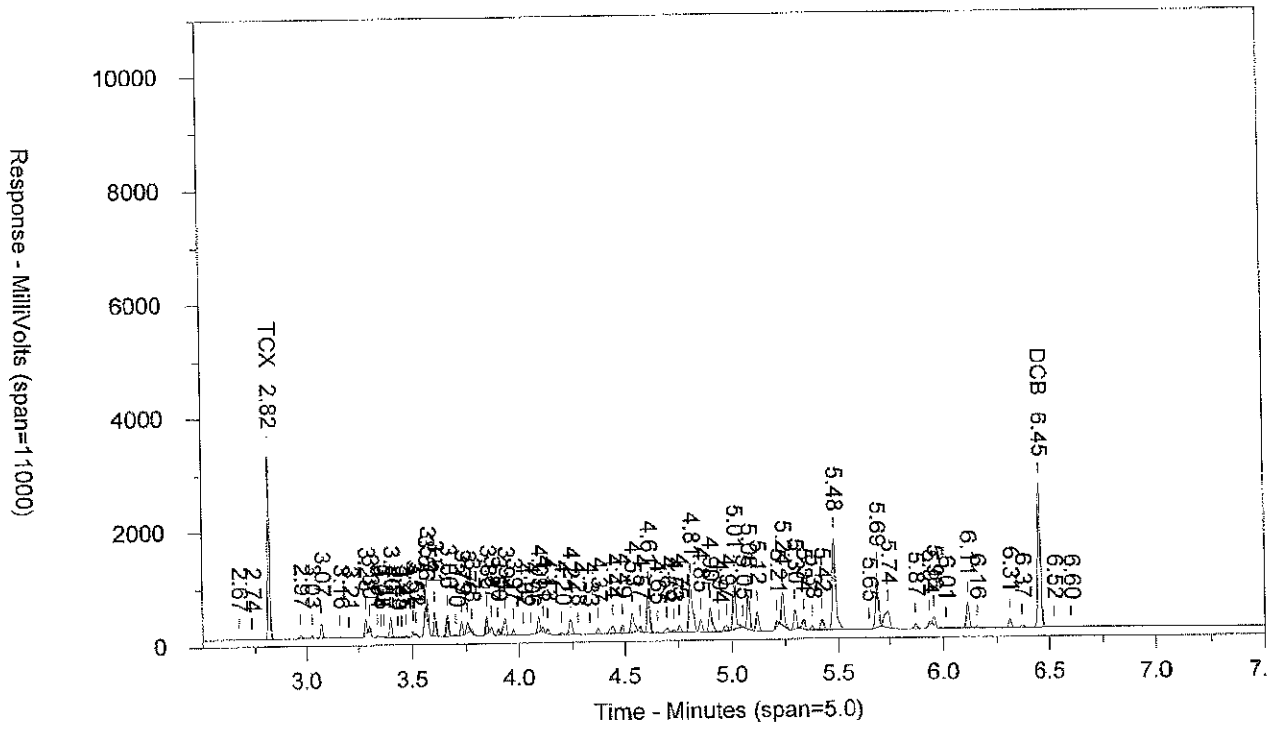

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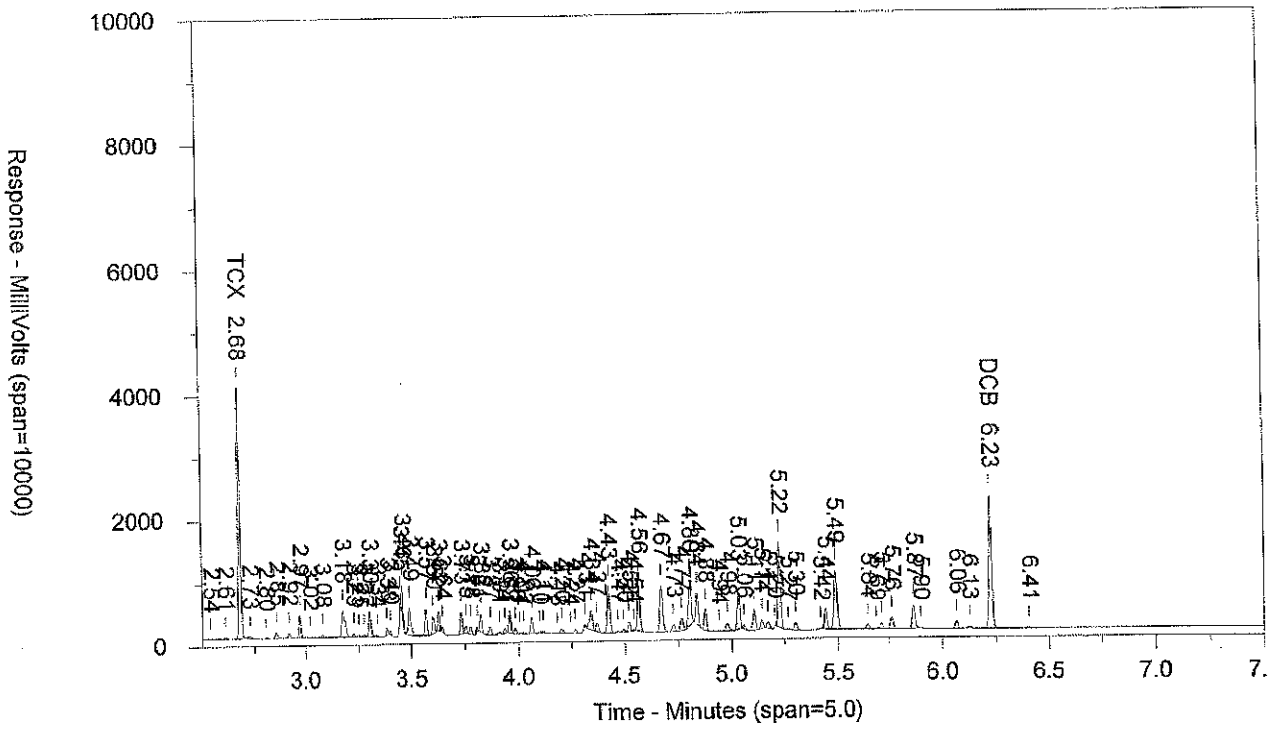

LANCASTER LABORATORIES

Sample Number: AR1641324B AAAR164AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 1:50:36 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.009.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.785		1791	3364
1.996		13703	37079
2.117		8378	7533
2.215		47602	38743
2.322		1466	1656
2.461		11878	11101
2.672		16862	15187
2.736		1906	1238
2.816	TCX	5060875	3193673
2.969		125688	102206
3.025		130039	92342
3.072		625179	432619
3.164		82492	58381
3.204		2390	1840
3.284		634220	379024
3.301		298678	153731
3.337		73301	40496
3.352		21411	8316
3.367		50411	26454
3.397		826558	598880
3.432		3700	1943
3.447		4113	2052
3.47		43229	30305
3.506		160774	92530
3.519		78815	38180
3.563		336998	197509
3.573		866237	408255
3.608		1026607	753153
3.664		911059	645631
3.701		75379	51299
3.729		573604	406021
3.756		442958	371969
3.777		99530	54431
3.85		687314	471162
3.873		236818	141589
3.903		258714	179888
3.936		713888	703454
3.975		224362	179232
4.021		33671	27838
4.057		42153	30348
4.092		639671	459313
4.111		178810	98307
4.134		201329	145534
4.201		79321	73399
4.242		634195	600430
4.276		30592	21397
4.335		13809	12876
4.374		174778	175103
4.443		296935	402058
4.489		341458	297469
4.534		795837	842675
4.57		178623	129276
4.61		1783974	1605872

RT A	Compound A	Height A	Area A
4.649		35079	31972
4.695		170103	197603
4.727		61486	42761
4.754		239788	222263
4.806		2087116	2488616
4.853		478344	441292
4.896		1005621	1093850
4.939		19896	11931
4.974		180969	233390
5.011		2399188	2392999
5.051		31600	12459
5.076		1454889	1327714
5.119		855345	807336
5.215		213218	170886
5.24		1487913	1361958
5.298		748242	678740
5.338		368032	360037
5.378		126796	127993
5.424		446615	447255
5.481		4074835	4237884
5.686		2371682	2297439
5.74		686628	1268448
5.837		1223	776
5.873		139881	139095
5.937		79066	64193
5.957		364167	304919
6.01		6105	7665
6.113		1038047	992141
6.157		64629	61632
6.31		296208	302415
6.367		28970	32830
6.453	DCB	4009492	3856105
6.52		5014	5848
8.365		2241	4363

LANCASTER LABORATORIES

Sample Number: AR1641324B AAAR164AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 1:50:36 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.009.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.879		1095	4140
1.971		51610	41843
2.061		13988	23366
2.112		10240	7596
2.21		2212	1988
2.364		15254	11477
2.429		1679	1255
2.478		2650	3404
2.539		2216	1335
2.571		2288	1267
2.611		39236	46948
2.682	TCX	6083440	3819229
2.727		81757	63587
2.803		3091	2364
2.855		191888	133148
2.916		173675	119570
2.969		814151	537408
3.019		3002	1655
3.082		112038	76600
3.178		1013797	1051868
3.229		120784	77101
3.25		67327	37804
3.275		83992	48441
3.301		969069	704798
3.336		54864	33894
3.382		228270	125723
3.397		132513	65276
3.448		341316	186310
3.457		1018455	466651
3.479		23987	9090
3.492		1001600	713902
3.567		1051889	706344
3.6		650194	401389
3.624		749243	429755
3.641		194087	94136
3.73		874418	619767
3.754		283753	163926
3.776		294828	193154
3.808		200903	108635
3.825		683172	424921
3.868		263152	210071
3.913		71313	64166
3.936		181176	114954
3.959		843324	589977
3.985		191510	120592
4.006		33396	16901
4.024		73722	45906
4.061		624000	478582
4.097		52587	37680
4.114		69554	49412
4.18		6632	5894
4.201		144256	155912
4.245		15193	8686
4.27		148538	112770

4.315		177523	108457
4.345		753488	666880
4.373		307569	315949
4.426		1807141	1498061
4.47		51522	42081
4.496		91656	63209
4.521		355710	266816
4.564		2028016	1683234
4.672		1921147	1757668
4.728		242086	221334
4.766		465223	421219
4.803		1819875	1602065
4.836		1220724	944583
4.875		756370	633977
4.941		5110	4794
4.978		298017	301457
5.032		1597294	1341220
5.057		117675	79236
5.107		777760	766719
5.143		341875	274183
5.17		243409	222421
5.203		39237	24640
5.225		3587814	3058047
5.266		69034	54240
5.301		222786	198867
5.417		36973	24067
5.442		775358	682782
5.488		2356213	2479938
5.606		1204	862
5.642		129419	119712
5.686		43083	32311
5.711		136871	117206
5.762		415157	390372
5.866		898772	797271
5.897		45377	33154
6.066		250709	233789
6.128		21323	19813
6.226	DCB	3245420	2898888
6.404		4866	4387

AR1641324B AAAR164AA ICAL 1312699999 SW-846 8082

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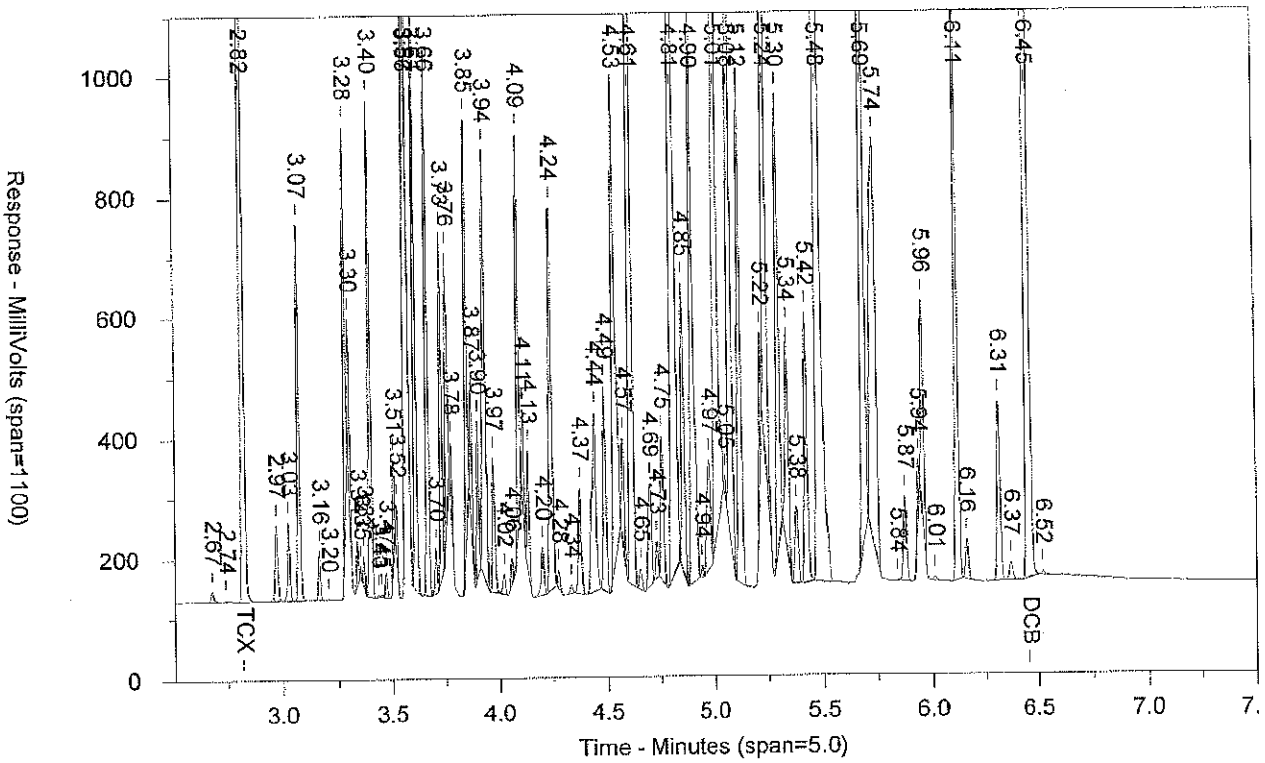

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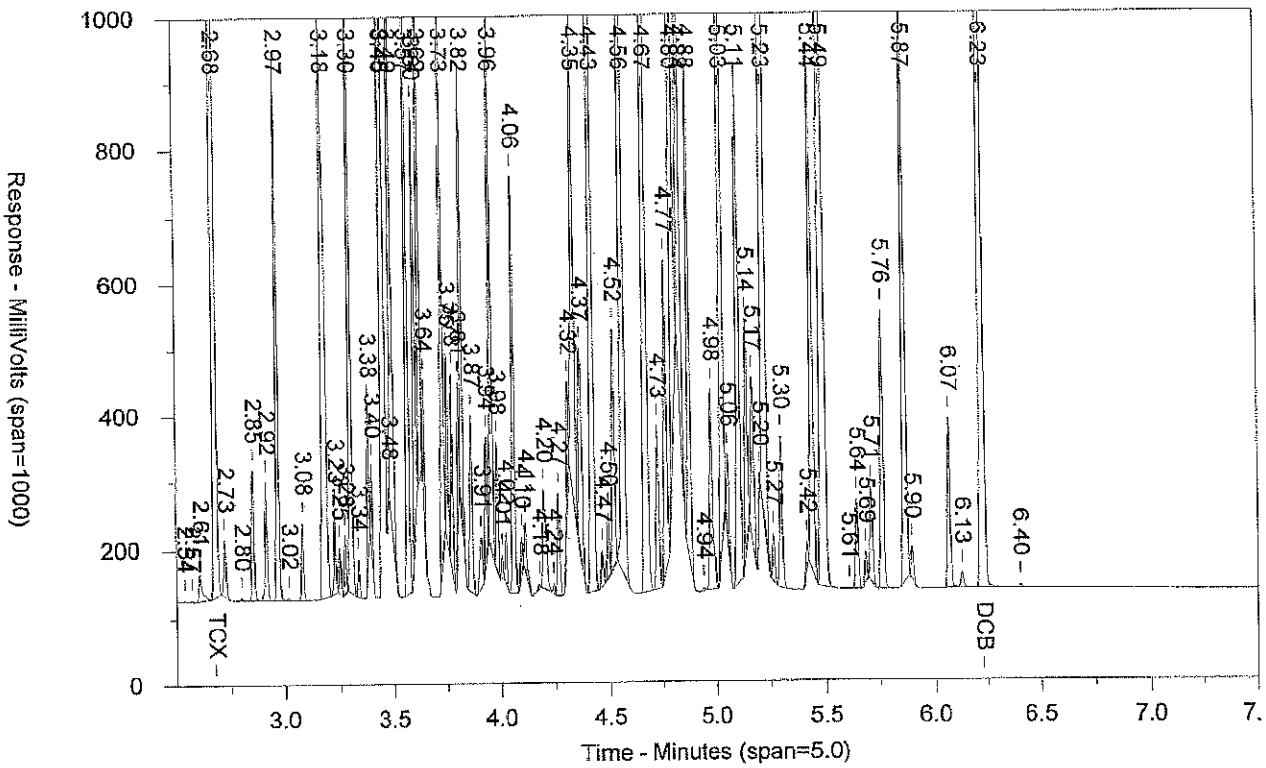

LANCASTER LABORATORIES

Sample Number: AR1641324B AAAR164AA ICAL 1312699999
Injected On: 5/7/2013 1:50:36 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	5060875	63.065	TCX	2.682	6083440	60.285	TCX
6.453	4009492	59.918	DCB	6.226	3245420	58.791	DCB

Files:
Area File: 1p7127.009.RAW
Area File: 1p7127B.009.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 1:59:19 PM
File Reported On: 5/7/2013 at 4:23:03 PM

AR1641324B AAAR164AA ICAL 1312699999 SW-846 8082

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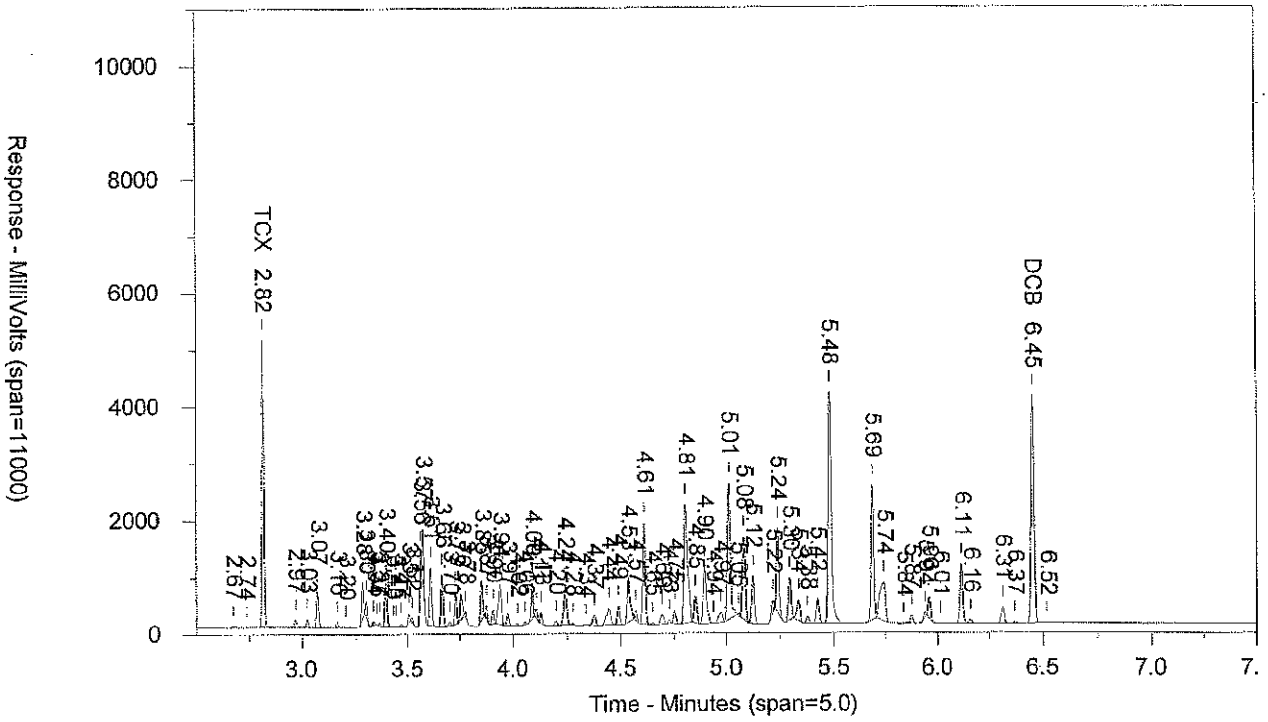

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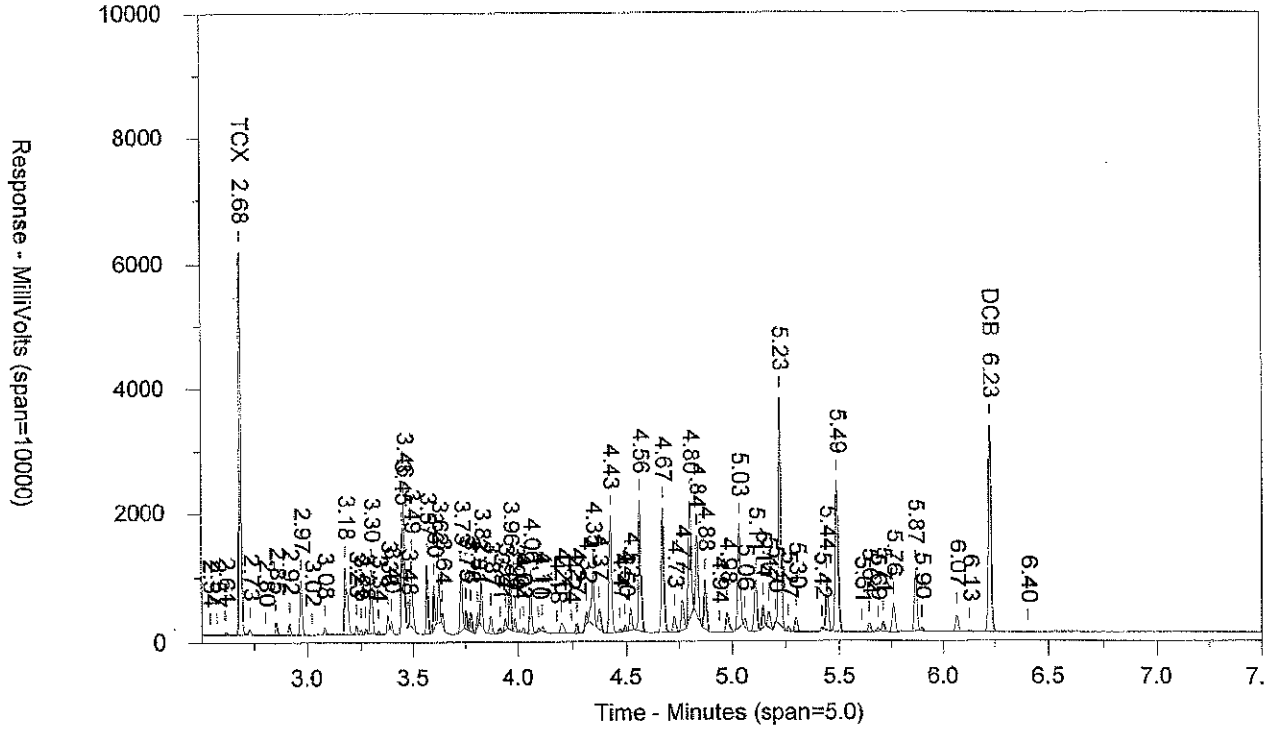

LANCASTER LABORATORIES

Sample Number: AR1651324B AAAR165AA ICAL 1312699999 Injection Volume SW846 8082
Injected On: 5/7/2013 2:02:00 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.010.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.548		889	837
1.638		1526	1957
1.707		2019	5741
1.786		2874	6099
1.996		12670	31140
2.117		10045	7140
2.215		54205	43546
2.461		18079	13336
2.673		14403	12657
2.736		3563	2142
2.817	TCX	6758129	4326988
2.969		213267	175981
3.026		243827	170305
3.073		1229016	833575
3.144		1903	846
3.164		153963	105483
3.204		4020	2804
3.285		1321951	759786
3.301		580118	297463
3.337		139271	78574
3.352		37628	14765
3.367		101039	54619
3.397		1631519	1171988
3.433		7345	3696
3.448		6669	3284
3.471		70539	47298
3.506		317629	180456
3.52		151681	71682
3.563		682301	393811
3.574		1817924	930178
3.609		2104974	1499290
3.665		1898962	1307768
3.702		138495	97402
3.73		1144216	796362
3.757		890331	735148
3.777		220299	111062
3.851		1402497	945733
3.873		453534	284493
3.903		512585	344961
3.937		1461712	1390240
3.975		421627	342135
4.021		66350	52161
4.058		83841	66758
4.092		1316154	932857
4.112		348979	190531
4.134		398066	281431
4.201		158374	139622
4.243		1236066	1174808
4.276		60105	40537
4.335		20659	18694
4.375		238848	243849
4.443		578170	761976
4.489		671882	583700

RT A	Compound A	Height A	Area A
4.535		1678946	1707895
4.571		354047	253460
4.61		3575924	3265996
4.65		54831	49188
4.696		327628	376701
4.728		68973	49151
4.755		466847	444112
4.807		4425128	5080745
4.854		929614	845052
4.897		2168057	2243082
4.939		41013	25145
4.975		336832	416081
5.011		4867684	4491096
5.034		116869	54218
5.051		46046	17651
5.077		2937913	2726904
5.12		1667341	1625721
5.216		420600	358890
5.241		3226654	2840830
5.298		1584606	1376371
5.338		772948	722210
5.38		196630	204476
5.425		902417	892163
5.481		8415391	8716003
5.565		2903	3564
5.687		4899280	4783870
5.74		1330185	2544885
5.836		2234	1672
5.873		211442	211296
5.937		106818	86379
5.957		720622	622174
6.011		2843	2456
6.113		2073067	2006036
6.158		124839	120569
6.31		556542	550422
6.367		22747	26894
6.453	DCB	5427865	5264382
6.521		10278	10978
8.365		2206	4314

LANCASTER LABORATORIES

Sample Number: AR1651324B AAAR165AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:02:00 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.010.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.727		2001	2587
1.809		3067	1538
1.854		1140	2086
1.971		59506	48471
2.062		13402	22472
2.111		13264	9831
2.211		2099	2187
2.363		24985	18520
2.428		2132	1292
2.477		2118	3292
2.539		2613	1751
2.572		2356	1419
2.61		29321	24925
2.637		3690	1697
2.682	TCX	8249099	5129077
2.727		147927	116664
2.803		5334	4220
2.854		323815	228083
2.916		322647	219801
2.969		1579822	1020553
3.019		3974	2142
3.082		204678	141308
3.177		1974364	2022752
3.229		226265	146097
3.251		114967	65137
3.275		157460	91978
3.301		1902762	1360409
3.336		87452	52249
3.382		445159	239641
3.397		239679	120071
3.449		673691	367930
3.458		2211980	1033882
3.479		29964	13113
3.493		1978217	1414419
3.567		2146087	1405742
3.6		1293301	788735
3.624		1471736	836983
3.642		385967	193778
3.73		1723087	1224278
3.754		525328	303988
3.776		564403	363503
3.808		359132	190986
3.825		1384124	858645
3.869		500530	399427
3.913		111680	99994
3.936		359400	228283
3.96		1712681	1167907
3.985		384117	235827
4.006		63516	31554
4.024		142312	88286
4.061		1258780	928180
4.098		93201	67286
4.115		112259	85557
4.157		3227	1623

4.178		12223	10155
4.202		183456	216265
4.245		13218	6958
4.27		276467	215832
4.315		367363	224550
4.345		1530664	1359959
4.373		593670	608823
4.426		3676362	2975691
4.471		86073	71221
4.497		178603	123064
4.522		693940	529613
4.565		4197416	3386622
4.673		3808909	3551435
4.728		463152	417609
4.766		940804	818521
4.804		3765754	3326351
4.836		2506775	1917119
4.876		1539035	1273953
4.942		7416	7367
4.979		588814	595549
5.032		3265774	2730190
5.058		232214	153122
5.107		1578077	1502824
5.143		686535	536296
5.171		462814	418479
5.205		72148	44803
5.226		7358997	6307008
5.267		129887	103791
5.302		378093	340657
5.379		2995	2247
5.418		72365	47307
5.442		1565774	1358918
5.487		4922325	5106400
5.606		2705	1813
5.643		200209	184680
5.686		91957	69182
5.712		195748	169488
5.762		811498	738444
5.867		1816779	1610864
5.898		90840	66177
6.066		470364	434390
6.129		17877	16968
6.226	DCB	4487639	4024483
6.403		9505	8135
8.475		1420	2459

AR1651324B AAAR165AA ICAL 1312699999 SW-846 8082

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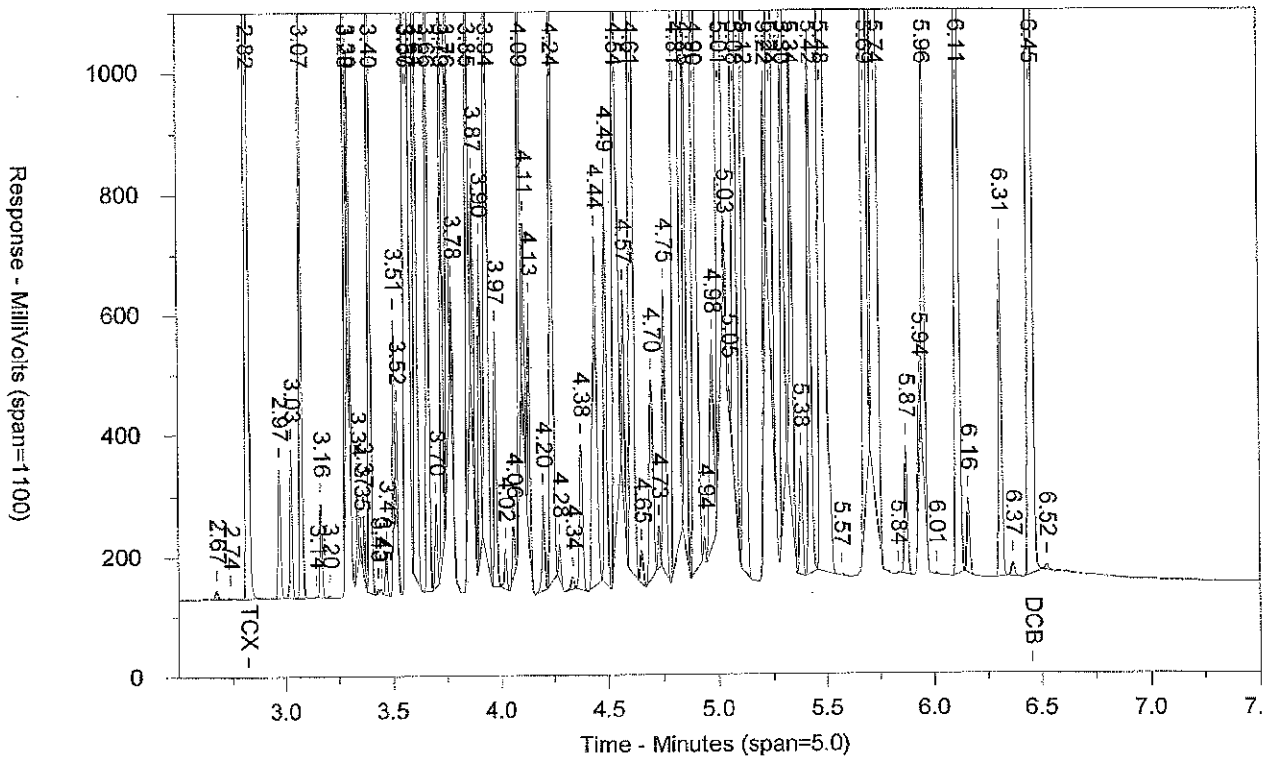

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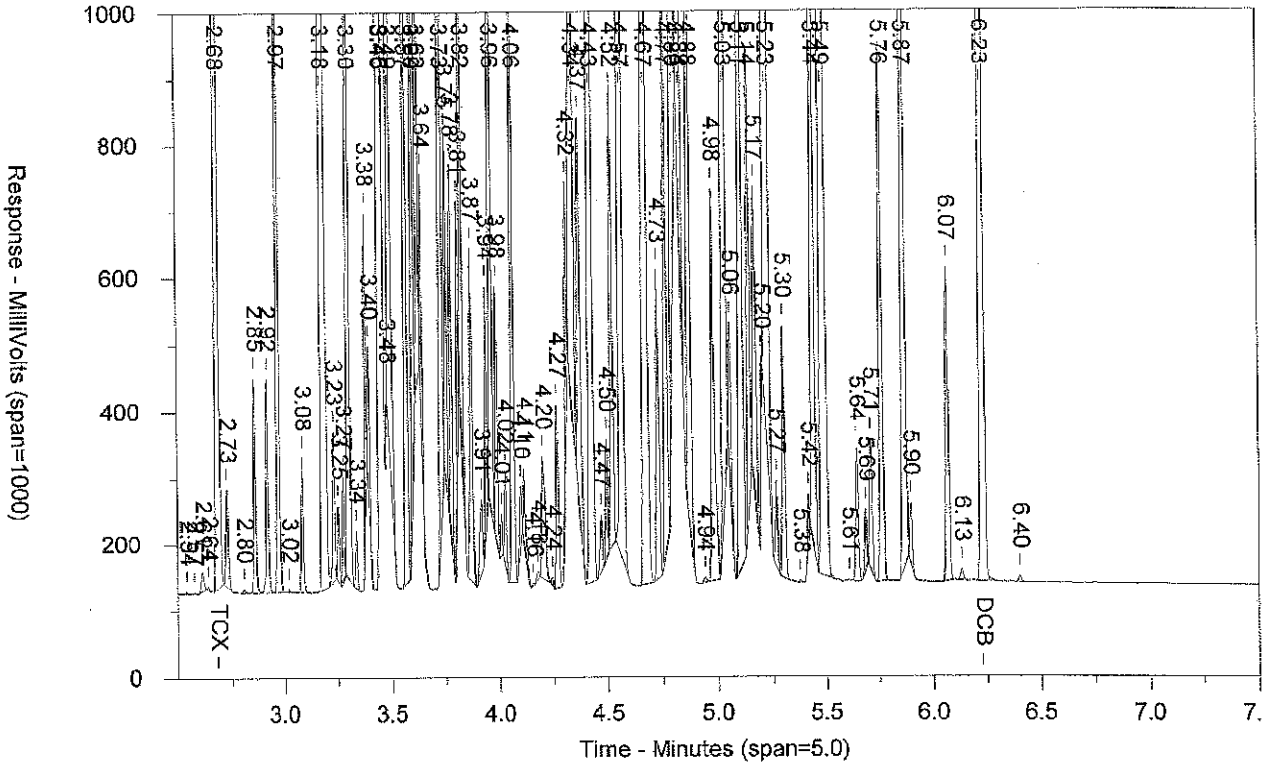

LANCASTER LABORATORIES

Sample Number: AR1651324B AAAR165AA ICAL 1312699999
Injected On: 5/7/2013 2:02:00 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	6758129	84.215	TCX	2.682	8249099	81.746	TCX
6.453	5427865	81.115	DCB	6.226	4487639	81.294	DCB

Files:
Area File: 1p7127.010.RAW
Area File: 1p7127B.010.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 2:10:44 PM
File Reported On: 5/7/2013 at 4:23:23 PM

AR1651324B AAAR165AA ICAL 1312699999 SW-846 8082

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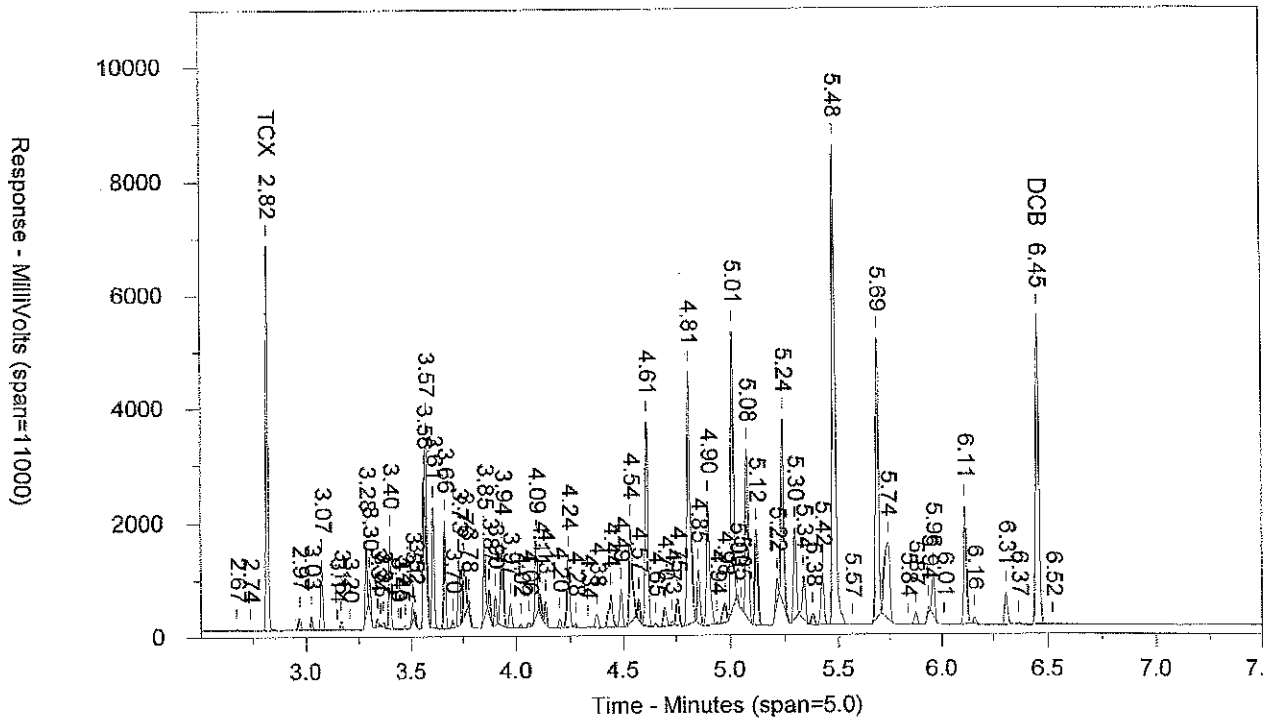

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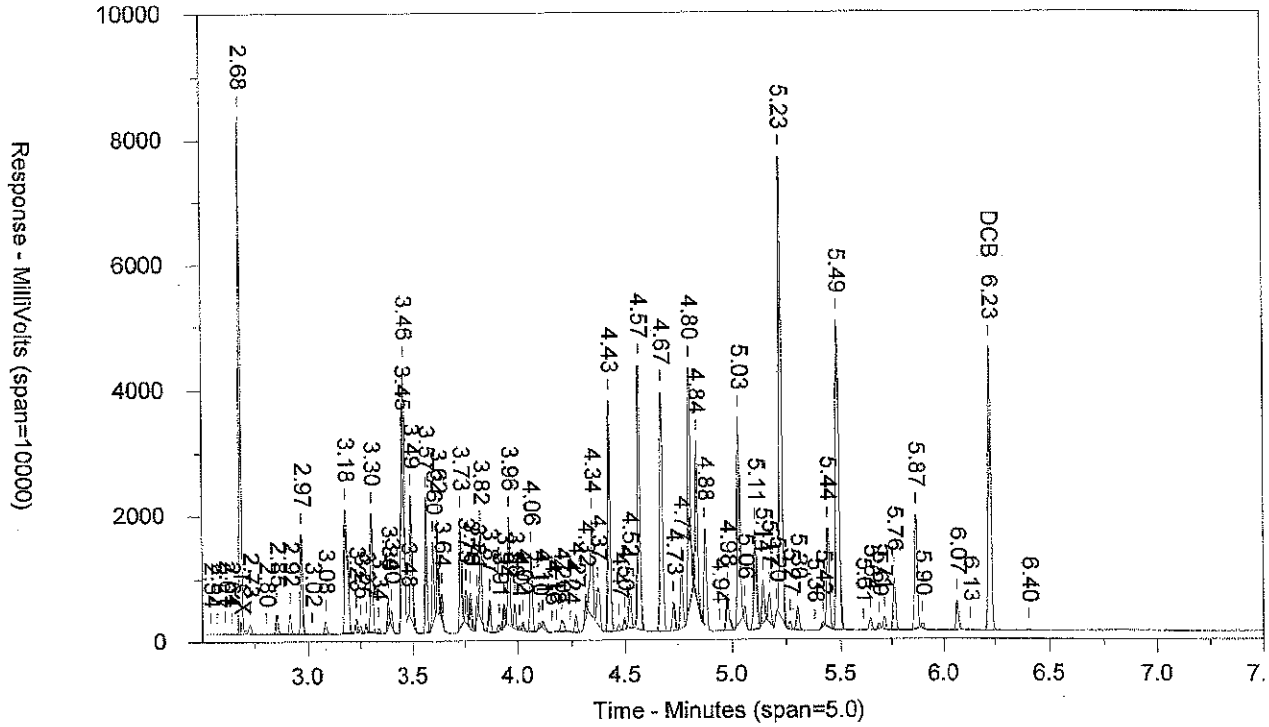

LANCASTER LABORATORIES

Sample Number: AR4811224B AAAR481AA ICAL 1312699999 Injection Volume: SW-846 8082
Injected On: 5/7/2013 2:13:14 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.011.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		3671	3165
1.624		9295	9705
1.705		1510	1532
1.786		3774	7104
1.857		1440	2943
1.996		9791	20212
2.119		842	833
2.215		27393	19030
2.44		1742	1344
2.672		9443	7952
2.817	TCX	319922	203208
2.97		3481	2769
2.998		2845	1684
3.026		1646	1012
3.072		11084	7771
3.164		2916	2181
3.284		42975	25735
3.3		11357	5715
3.336		2690	1397
3.398		40666	30909
3.436		878	816
3.471		4067	3033
3.506		7537	4307
3.562		39132	24079
3.573		33588	15566
3.609		59628	44790
3.664		59878	45538
3.701		10628	7216
3.73		119663	84754
3.756		77538	61137
3.777		23545	12500
3.85		132712	94401
3.873		37534	23784
3.903		47008	32773
3.936		115541	103888
3.975		37629	30135
4.021		4237	3015
4.059		12644	10534
4.091		103244	70580
4.111		126163	79536
4.133		141231	100872
4.201		13648	13724
4.236		109150	95474
4.257		27698	13651
4.275		25867	15902
4.317		1852	1325
4.337		7552	5698
4.378		40413	36966
4.428		57399	48649
4.459		31206	23788
4.489		97785	82932
4.57		39177	39706
4.609		8054	9700

RT A	Compound A	Height A	Area A
4.658		9400	8335
4.699		65286	61020
4.73		2411	2437
4.77		11599	13449
4.806		3773	2585
4.893		67943	64299
4.938		1493	1202
4.964		3646	3068
5.011		14947	12821
5.083		2377	3007
5.222		5433	4770
5.296		2205	3064
5.377		3536	3473
5.423		5747	6733
5.5		7444	9269
5.653		12597	13155
5.686		3390	2850
5.728		2581	4151
5.872		9078	8843
5.937		12027	14206
6.011		7302	35547
6.24		1929	40047
6.311		4275	4119
6.366		22172	26448
6.451	DCB	323000	340329
8.364		2217	4495

LANCASTER LABORATORIES

Sample Number: AR4811224B AAAR481AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:13:14 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.011.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.592		1969	1546
1.629		10168	10704
1.724		2517	3308
1.85		1579	2638
1.936		1369	764
1.971		30066	20881
2.06		10199	17893
2.209		2432	2097
2.477		4074	5472
2.61		23082	23084
2.682	TCX	420149	269631
2.726		1473	1150
2.804		3705	2662
2.855		6441	4471
2.917		1831	1017
2.936		3208	2313
2.969		15433	10192
3.083		4290	3123
3.133		1248	1177
3.178		69606	66009
3.23		4316	2419
3.25		3975	2606
3.301		51068	38888
3.337		6394	4028
3.393		40743	36800
3.448		51583	24494
3.457		49222	20289
3.479		10676	4488
3.492		53622	33646
3.567		76656	52506
3.6		139212	87609
3.624		127043	72485
3.642		37723	20300
3.73		169864	120749
3.754		47712	27804
3.776		55014	36097
3.808		22529	11532
3.824		115013	73106
3.868		46557	35435
3.913		11754	10520
3.936		96784	62110
3.959		220017	151749
3.985		154219	104061
4.006		13232	6511
4.024		11057	6166
4.061		68368	52543
4.098		100728	76962
4.127		55313	33455
4.175		11771	10760
4.211		43096	34456
4.27		70401	56397
4.304		40348	29767
4.332		107750	82853
4.37		1973	1984

4.43		40312	43398
4.463		10763	8226
4.497		69690	56123
4.545		1379	851
4.565		7121	4563
4.591		8115	7552
4.67		9241	6910
4.689		6382	4290
4.723		67315	58753
4.777		2666	2388
4.804		17112	16640
4.853		2244	1532
4.942		2323	2477
5.034		1882	1649
5.057		6387	5099
5.104		1773	2189
5.178		2607	1991
5.204		2377	1489
5.224		3192	2549
5.299		7600	6842
5.408		1809	1756
5.488		3488	3254
5.642		8434	7220
5.708		9884	7787
5.767		6002	13607
5.866		1621	2112
6.064		4321	3911
6.128		16106	15463
6.224	DCB	276420	258102

AR4811224B AAAR481AA ICAL 1312699999 SW-846 8082

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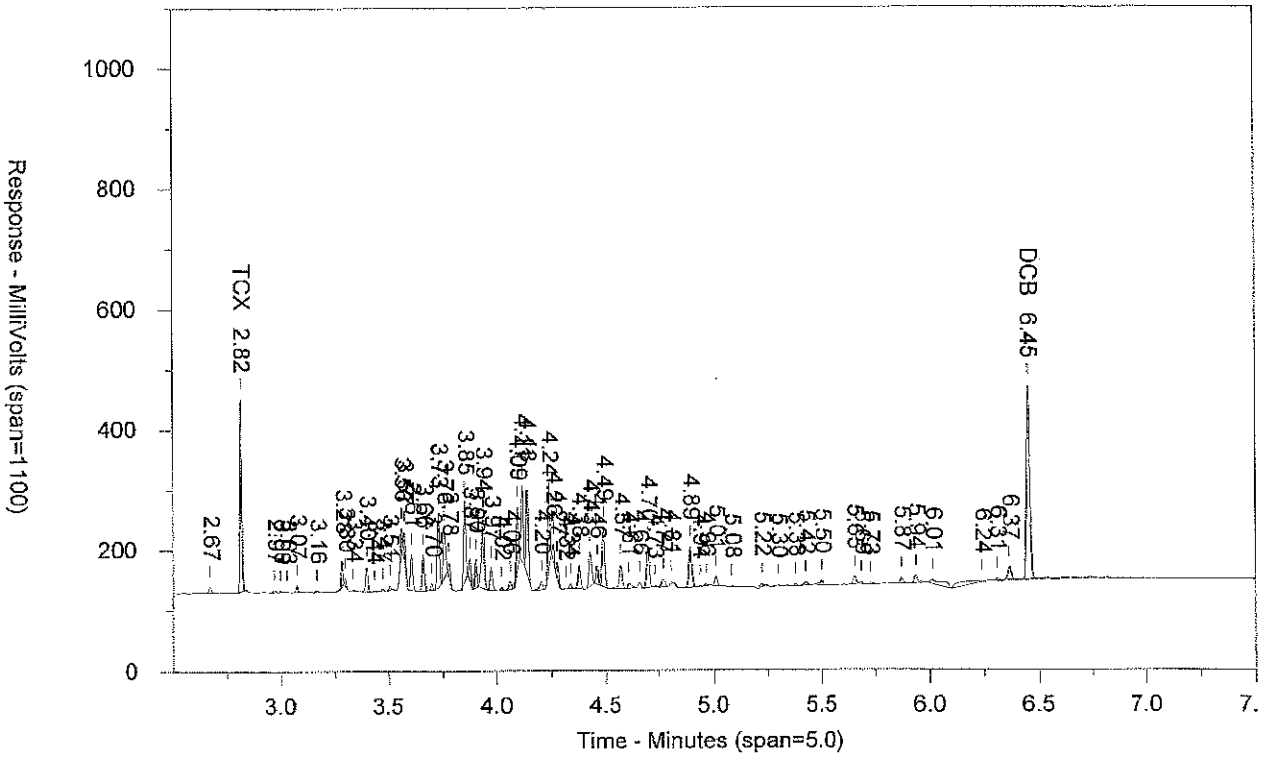

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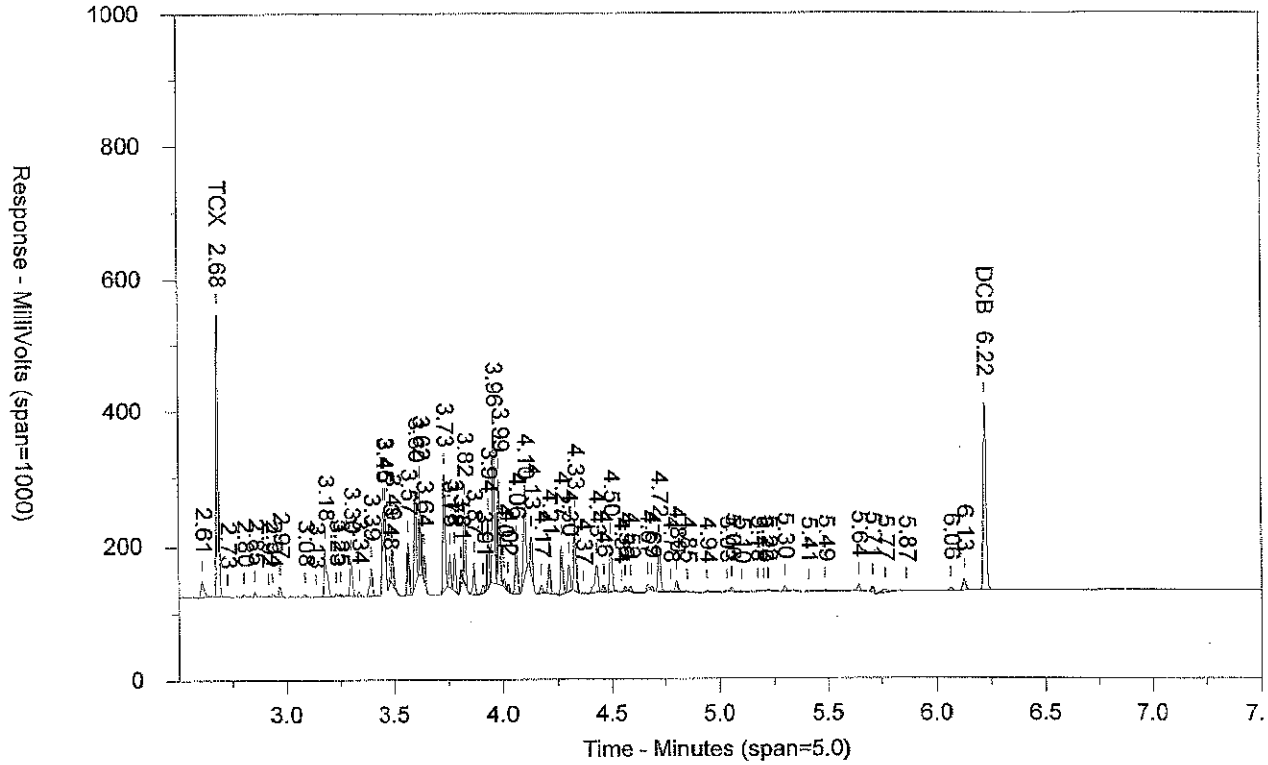

LANCASTER LABORATORIES

Sample Number: AR4811224B AAAR481AA ICAL 1312699999
Injected On: 5/7/2013 2:13:14 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	319922	3.987	TCX	2.682	420149	4.164	TCX
6.451	323000	4.827	DCB	6.224	276420	5.007	DCB

Files:
Area File: 1p7127.011.RAW
Area File: 1p7127B.011.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 2:21:59 PM
File Reported On: 5/7/2013 at 4:23:41 PM

AR4811224B AAAR481AA ICAL 1312699999 SW-846 8082

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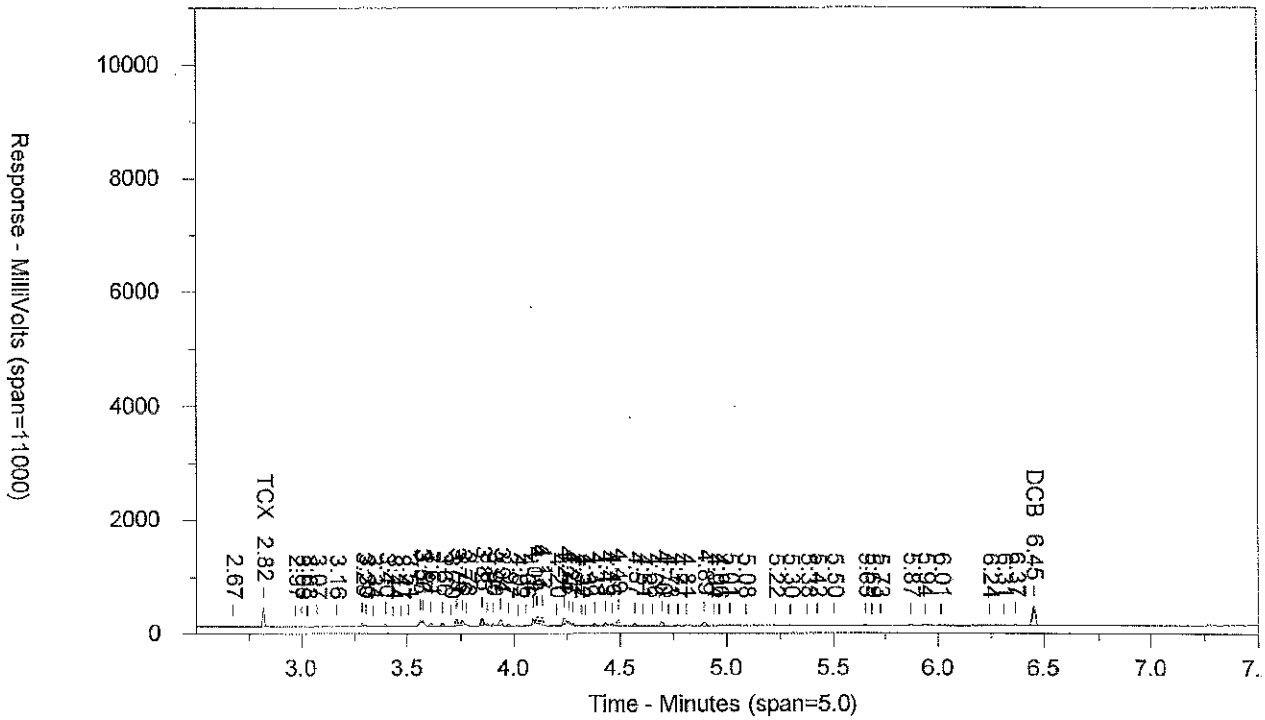

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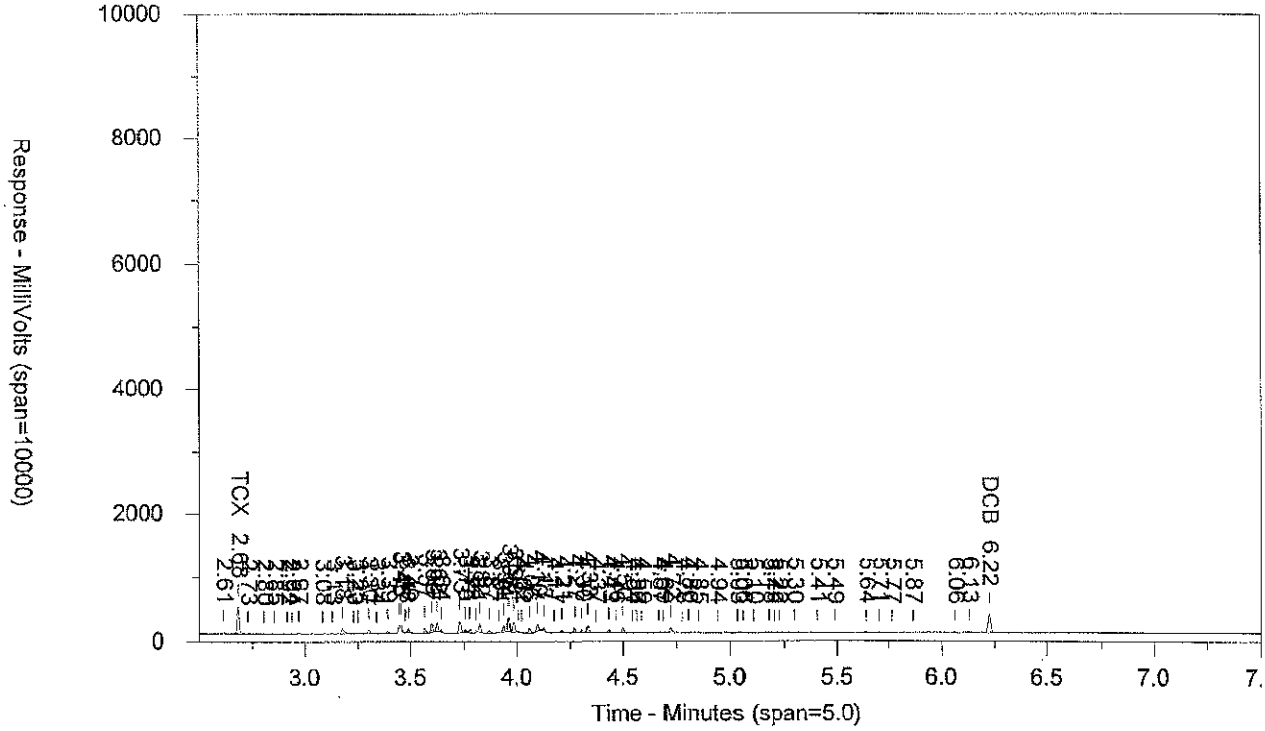

LANCASTER LABORATORIES

Sample Number: AR4821224B AAAR482AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 2:24:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.012.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		3427	3091
1.625		3027	4199
1.703		1992	2150
1.786		1590	2855
1.996		10805	29174
2.118		3180	2962
2.215		27760	20757
2.442		1230	774
2.673		9155	7414
2.817	TCX	1633148	1060067
2.97		5843	5124
3.026		2612	2580
3.073		19856	14261
3.165		5073	3639
3.251		4985	3190
3.285		76893	46947
3.301		21016	10208
3.337		5091	2829
3.398		74030	55030
3.472		6436	4690
3.506		16924	16487
3.563		61875	35750
3.574		56121	29682
3.609		110566	80985
3.664		108956	83164
3.702		19327	12895
3.73		203130	148014
3.756		138797	110403
3.778		44496	23545
3.85		240338	168716
3.873		68130	43054
3.903		86506	59531
3.937		200027	185838
3.975		72394	54891
4.021		7628	5769
4.059		21263	17591
4.092		187058	127598
4.112		235249	143665
4.134		252980	182408
4.201		23778	26323
4.238		189597	166868
4.257		57066	27692
4.277		52161	32059
4.317		2921	2021
4.338		13801	10253
4.379		73640	65878
4.429		101338	89255
4.46		59479	42614
4.489		174747	148278
4.535		2000	1163
4.571		73730	61928
4.611		13465	16911
4.659		17555	15520

RT A	Compound A	Height A	Area A
4.699		120819	110298
4.729		9897	7701
4.775		14603	17353
4.808		5404	4324
4.855		2350	2063
4.894		126255	121599
4.938		2498	1664
4.967		18999	18724
5.012		28048	25246
5.052		2649	1612
5.12		1249	1193
5.221		9679	8026
5.298		2720	2484
5.323		2550	4467
5.378		16435	16306
5.423		7287	9002
5.501		34905	40029
5.653		7736	7921
5.686		5748	5411
5.73		3015	5016
5.874		39382	39038
5.938		52137	61520
6.011		3726	3615
6.31		18370	46274
6.367		19465	21192
6.453	DCB	1372379	1423280
8.365		1951	3432

LANCASTER LABORATORIES

Sample Number: AR4821224B AAAR482AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:24:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.012.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.589		1579	1533
1.624		4819	5191
1.723		2605	2942
1.849		1412	1951
1.971		31106	23355
2.061		11338	19217
2.111		3755	2865
2.209		1939	1720
2.477		2568	3520
2.54		1131	827
2.61		22241	22014
2.682	TCX	2094503	1313090
2.726		2184	1510
2.804		7934	6655
2.855		10341	6902
2.902		2347	1226
2.969		27664	18535
3.082		7565	5147
3.148		6739	4063
3.177		123191	114980
3.229		7784	4553
3.251		5097	3072
3.301		92638	68675
3.336		9112	5595
3.382		9007	4519
3.393		14131	7872
3.457		213410	253881
3.479		15962	7128
3.492		97249	61874
3.568		142171	95128
3.601		236980	153306
3.624		219078	127579
3.642		70273	35963
3.73		300681	212246
3.754		78808	46801
3.776		102347	65821
3.808		40231	21281
3.825		202851	129160
3.869		83279	64341
3.913		19645	16464
3.936		172536	111913
3.96		397864	269600
3.985		273634	184656
4.006		21535	10958
4.025		19756	10879
4.061		124355	94794
4.099		182853	139412
4.128		120900	87262
4.175		18201	15125
4.211		77221	62984
4.27		127435	102497
4.304		75890	53948
4.332		185218	148549
4.372		3981	3792

4.43		77174	80891
4.463		20212	15594
4.497		129866	101433
4.543		9112	6106
4.565		11312	6932
4.592		11924	10095
4.67		17721	14465
4.723		124136	106918
4.777		15256	13044
4.804		28419	26216
4.853		4197	2907
4.942		2557	3091
5.032		4090	3228
5.057		11990	9917
5.099		5409	6257
5.158		1250	2161
5.179		12784	9488
5.203		4145	2710
5.224		4598	3286
5.301		35636	31292
5.406		1540	1420
5.441		2096	1631
5.489		6739	7417
5.643		37227	34031
5.711		44394	39738
5.762		11339	12296
5.868		1804	2265
6.066		16017	13858
6.128		13201	13304
6.225	DCB	1167968	1079017

AR4821224B AAAR482AA ICAL 1312699999 SW-846 8082

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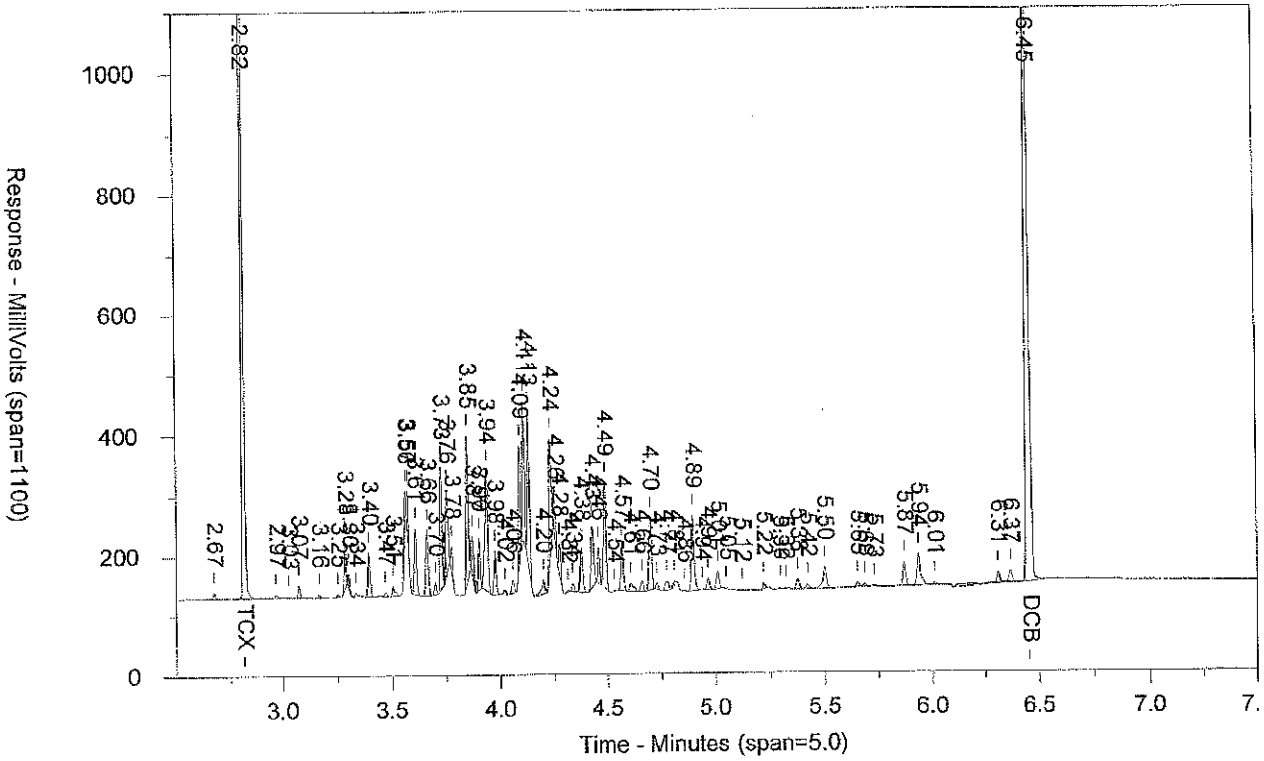

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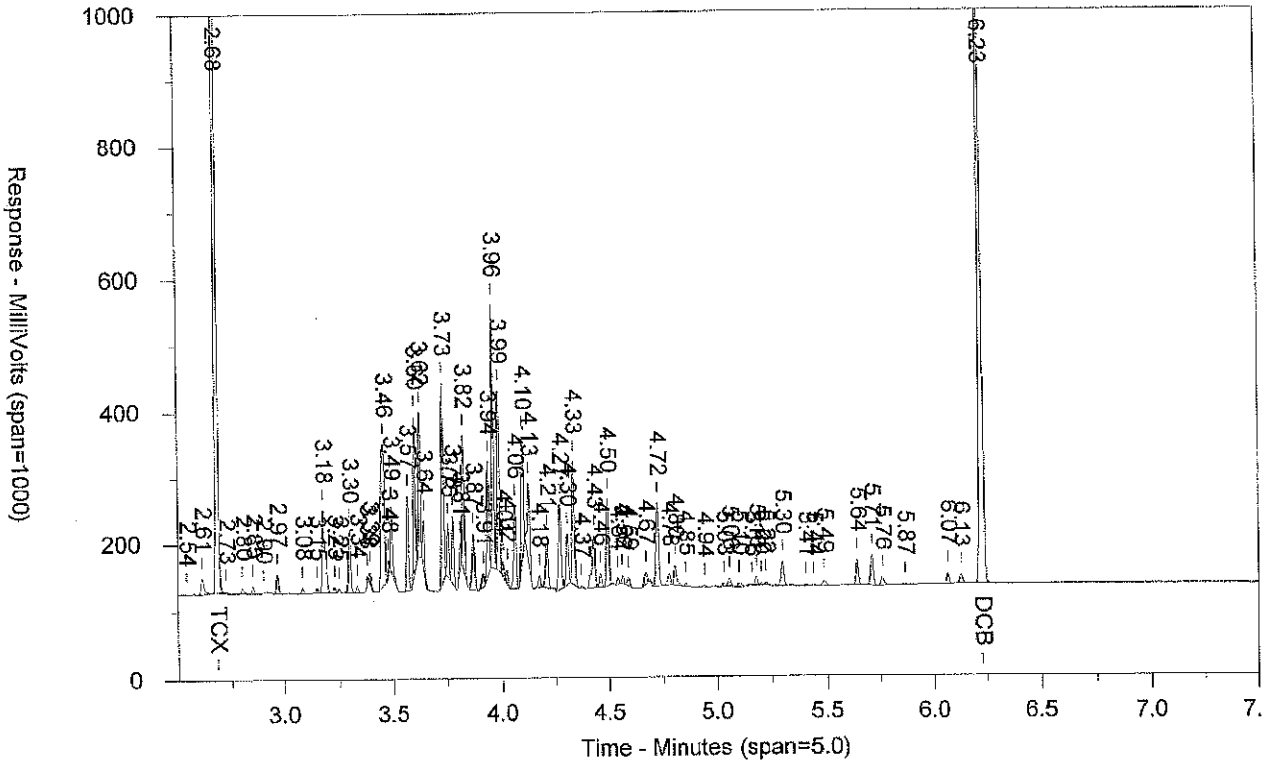

LANCASTER LABORATORIES

Sample Number: AR4821224B AAAR482AA ICAL 1312699999
Injected On: 5/7/2013 2:24:41 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	1633148	20.351	TCX	2.682	2094503	20.756	TCX
6.453	1372379	20.509	DCB	6.225	1167968	21.158	DCB

Files:
Area File: 1p7127.012.RAW
Area File: 1p7127B.012.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 2:33:27 PM
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AR4821224B AAAR482AA ICAL 1312699999 SW-846 8082

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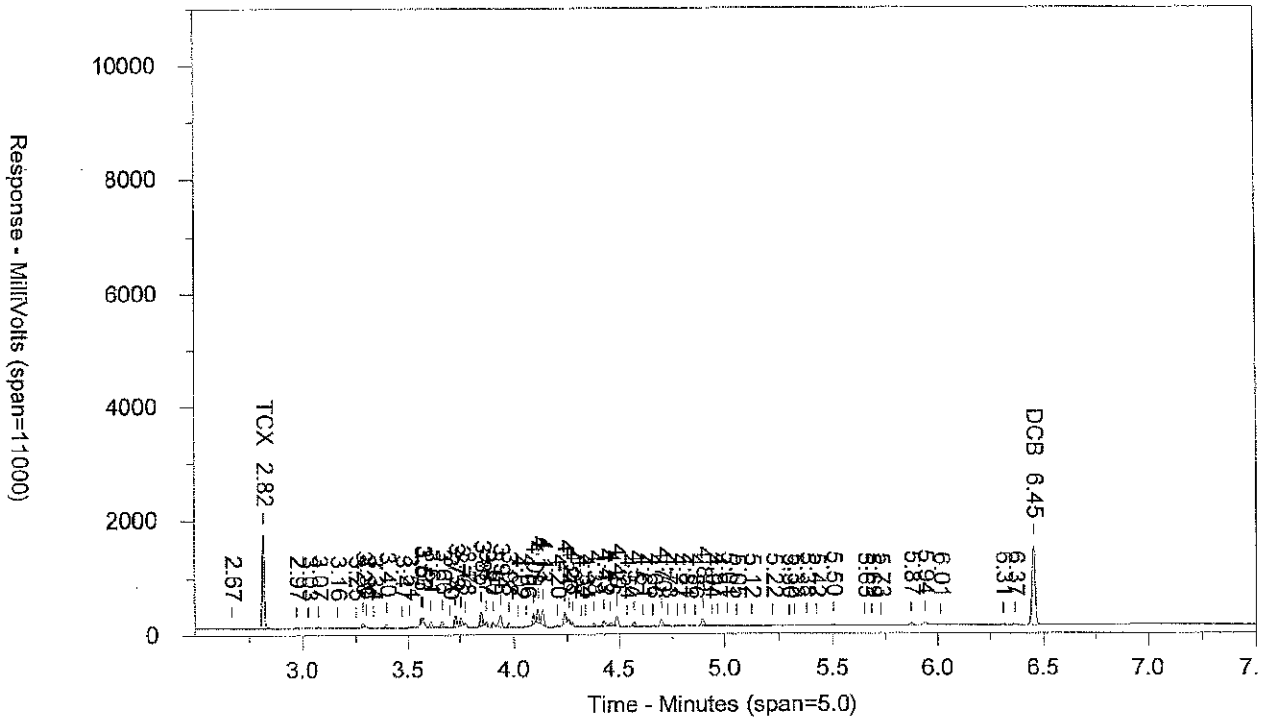

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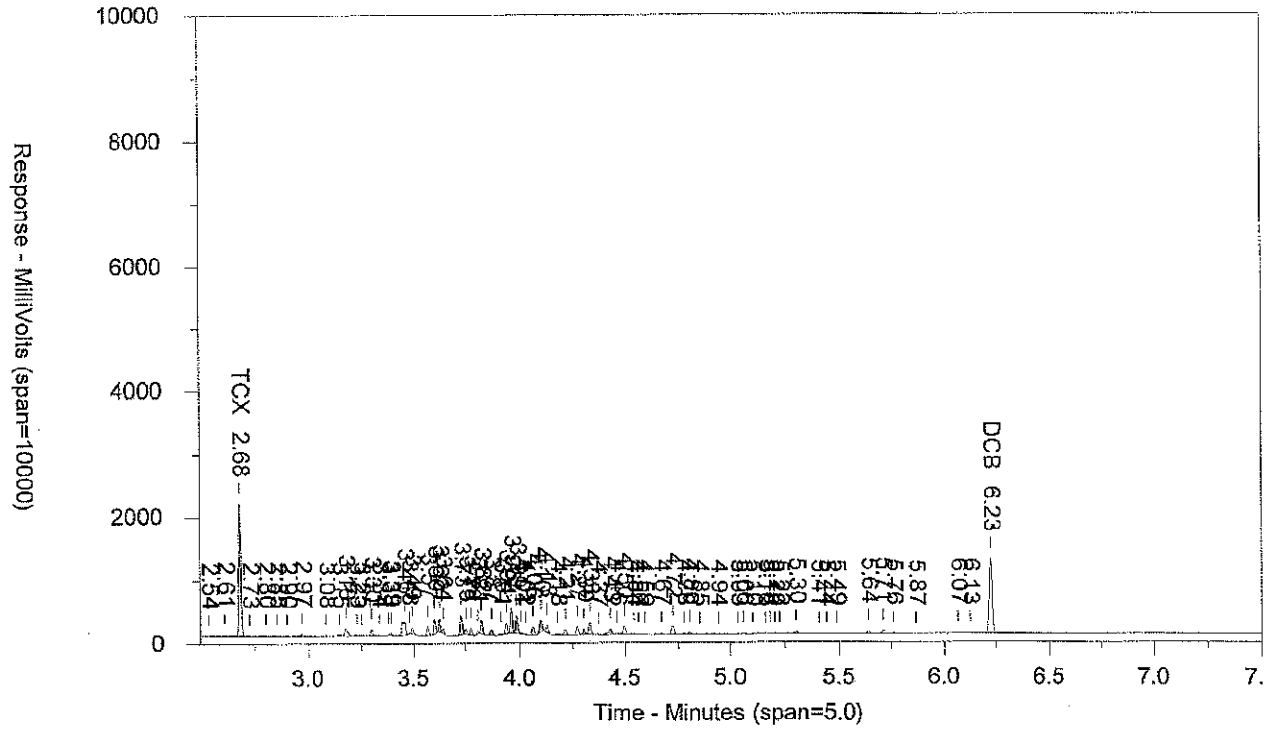

LANCASTER LABORATORIES

Sample Number: AR4831224B AAAR483AA ICAL 1312699999 Injection Volume:SW846 8082
Injected On: 5/7/2013 2:36:08 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.013.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2968	2752
1.639		1824	3181
1.702		2061	2074
1.785		2392	1857
1.996		10884	29022
2.118		5328	5582
2.215		24778	20337
2.44		5613	3782
2.613		1539	1506
2.672		9557	8297
2.817	TCX	3179065	2066061
2.97		9990	8265
3.026		5333	7565
3.073		34081	23997
3.145		1081	649
3.164		9337	6300
3.285		139024	83789
3.301		37722	17943
3.338		8335	4840
3.398		130899	98332
3.471		10224	7192
3.506		24540	14290
3.563		120673	68414
3.573		117910	57274
3.609		191804	143116
3.664		200966	149533
3.702		33386	23292
3.73		358763	259296
3.756		239794	190279
3.777		75281	39539
3.851		427397	302681
3.873		130572	77399
3.903		152313	106490
3.937		362243	334321
3.975		124301	99240
4.021		13569	10483
4.059		35734	30613
4.092		346182	231288
4.112		406078	257657
4.134		478421	332698
4.202		40973	42029
4.237		352902	303547
4.257		96607	47921
4.276		86386	50946
4.316		5983	3793
4.337		25325	18545
4.378		131817	119218
4.429		184970	163100
4.459		110684	80309
4.489		313737	271631
4.534		3807	2447
4.571		130548	113671
4.61		24445	31490

RT A	Compound A	Height A	Area A
4.659		32784	28526
4.699		224763	200805
4.728		18539	15321
4.776		23630	24824
4.808		8463	6942
4.856		4634	3897
4.894		230077	220103
4.938		4339	3080
4.966		33718	33628
5.012		51851	46931
5.051		4162	2707
5.078		2643	2094
5.12		2368	2263
5.222		17159	15322
5.299		4172	3386
5.337		5825	8672
5.379		29028	28631
5.423		11475	10561
5.501		64130	73063
5.654		4876	4471
5.686		10545	10442
5.73		4497	7254
5.874		76080	72082
5.937		95852	112345
6.01		3355	3489
6.059		4069	12441
6.117		4298	5007
6.188		768	1963
6.31		34175	33749
6.367		17616	19438
6.453	DCB	2598623	2648229
8.361		1770	2875

LANCASTER LABORATORIES

Sample Number: AR4831224B AAAR483AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:36:08 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.013.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.591		1755	1803
1.622		3881	3123
1.723		2857	3236
1.808		3441	2207
1.85		1471	1888
1.971		28536	22873
2.061		11413	19413
2.111		6668	5365
2.211		2280	1975
2.309		992	1172
2.367		1244	1217
2.475		10638	10376
2.539		1337	1389
2.61		21481	21220
2.681	TCX	4061635	2516308
2.727		3289	2396
2.804		5949	4470
2.855		17003	11596
2.902		4795	2264
2.916		4889	2450
2.969		47096	31473
3.019		2254	1375
3.082		13355	8747
3.177		207383	202089
3.229		14386	8619
3.251		7449	4434
3.275		2962	1630
3.3		161004	121094
3.336		14140	8802
3.382		28207	15301
3.396		10265	4921
3.457		392265	454672
3.479		29805	13141
3.492		170473	107993
3.568		249269	169182
3.6		428455	268450
3.624		383410	221555
3.642		119404	61216
3.73		529735	374174
3.754		143940	86654
3.776		173694	114031
3.808		72498	37721
3.825		366081	233502
3.869		151403	114911
3.913		33500	28384
3.936		296720	197011
3.96		726760	481969
3.985		502127	332281
4.006		39411	18947
4.024		33781	19467
4.061		217272	166176
4.099		323824	246369
4.114		10708	2917
4.128		193002	112763

4.175		30456	24164
4.211		135699	112042
4.27		221792	179734
4.304		134145	97482
4.333		333664	263656
4.371		7170	6935
4.43		134304	146946
4.463		36919	27616
4.497		224310	181828
4.521		6669	3273
4.543		14121	9130
4.564		21273	13606
4.593		20321	16670
4.671		34645	28836
4.723		228262	194856
4.778		25944	24596
4.804		49896	46804
4.853		7589	5370
4.941		2584	3075
4.993		2018	1542
5.031		6725	5134
5.057		20966	17679
5.099		9422	11007
5.143		2483	1673
5.179		21696	16667
5.203		7510	4796
5.226		8461	5669
5.302		62267	55233
5.41		1474	1497
5.441		3779	3492
5.488		12564	12800
5.643		67774	62307
5.711		81753	70620
5.761		19408	21679
5.867		3349	3732
6.066		30072	26306
6.128		12592	11725
6.226	DCB	2196895	2005495
8.47		1461	2730

AR4831224B AAAR483AA ICAL 1312699999 SW-846 8082

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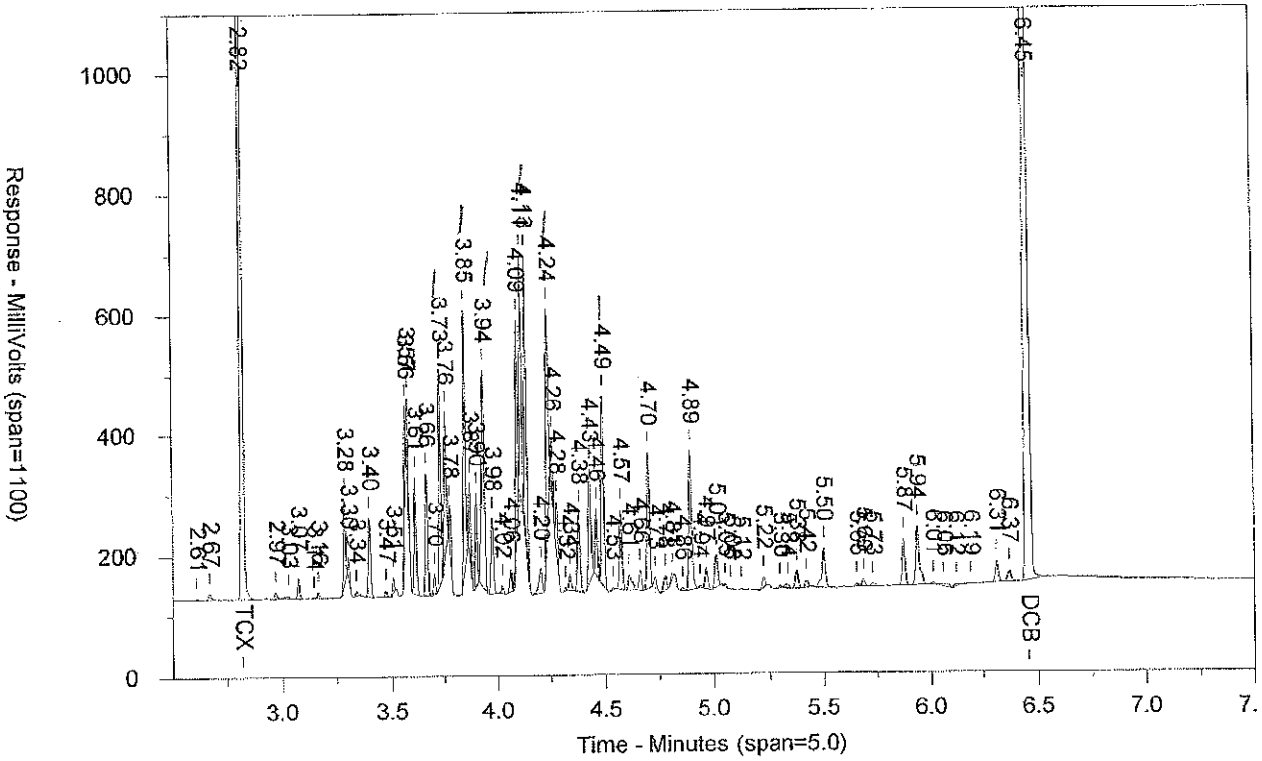

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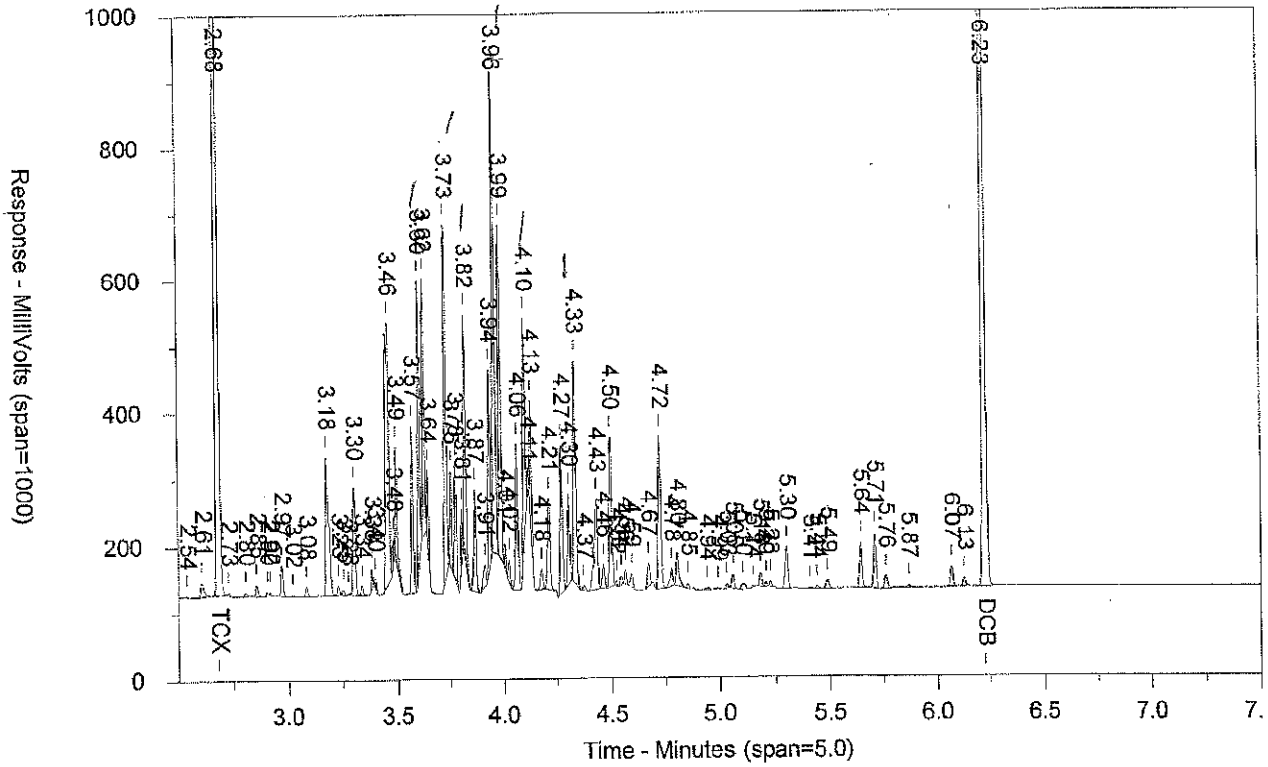

LANCASTER LABORATORIES

Sample Number: AR4831224B AAAR483AA ICAL 1312699999
Injected On: 5/7/2013 2:36:08 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3179065	39.615	TCX	2.681	4061635	40.25	TCX
6.453	2598623	38.834	DCB	6.226	2196895	39.797	DCB

Files:
Area File: 1p7127.013.RAW
Area File: 1p7127B.013.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 2:44:53 PM
File Reported On: 5/7/2013 at 4:24:11 PM

AR4831224B AAAR483AA ICAL 1312699999 SW-846 8082

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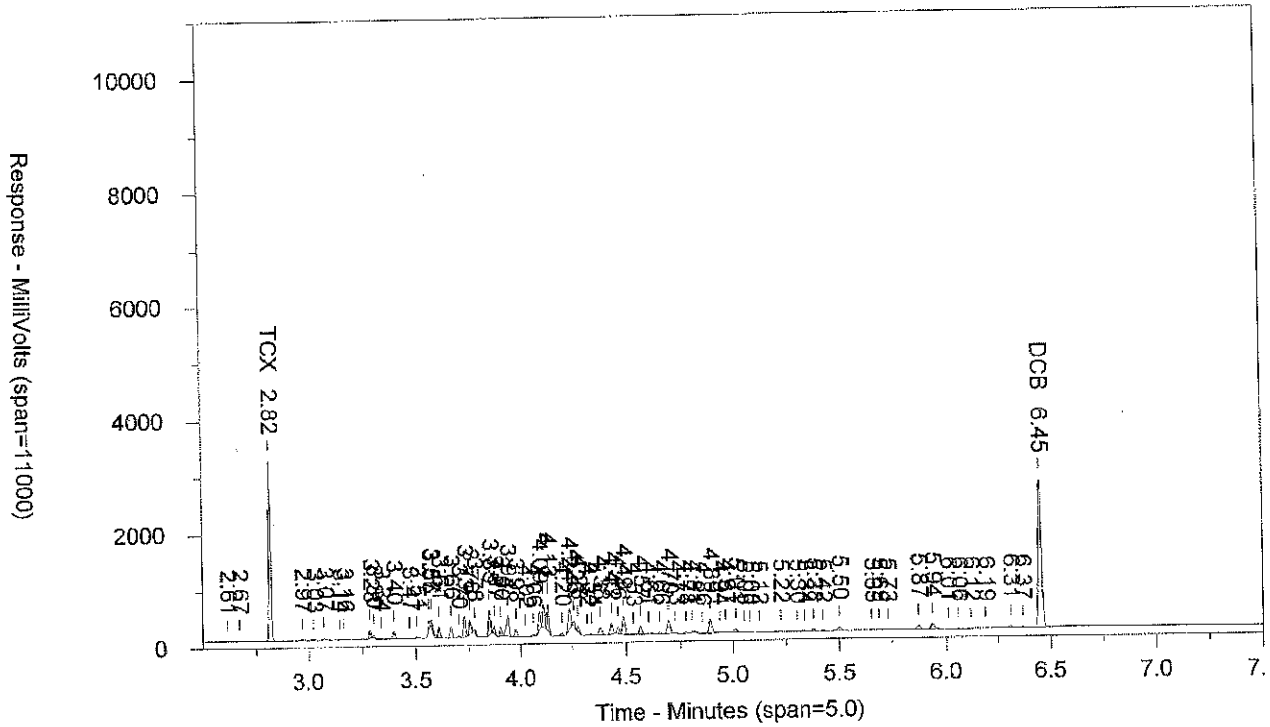

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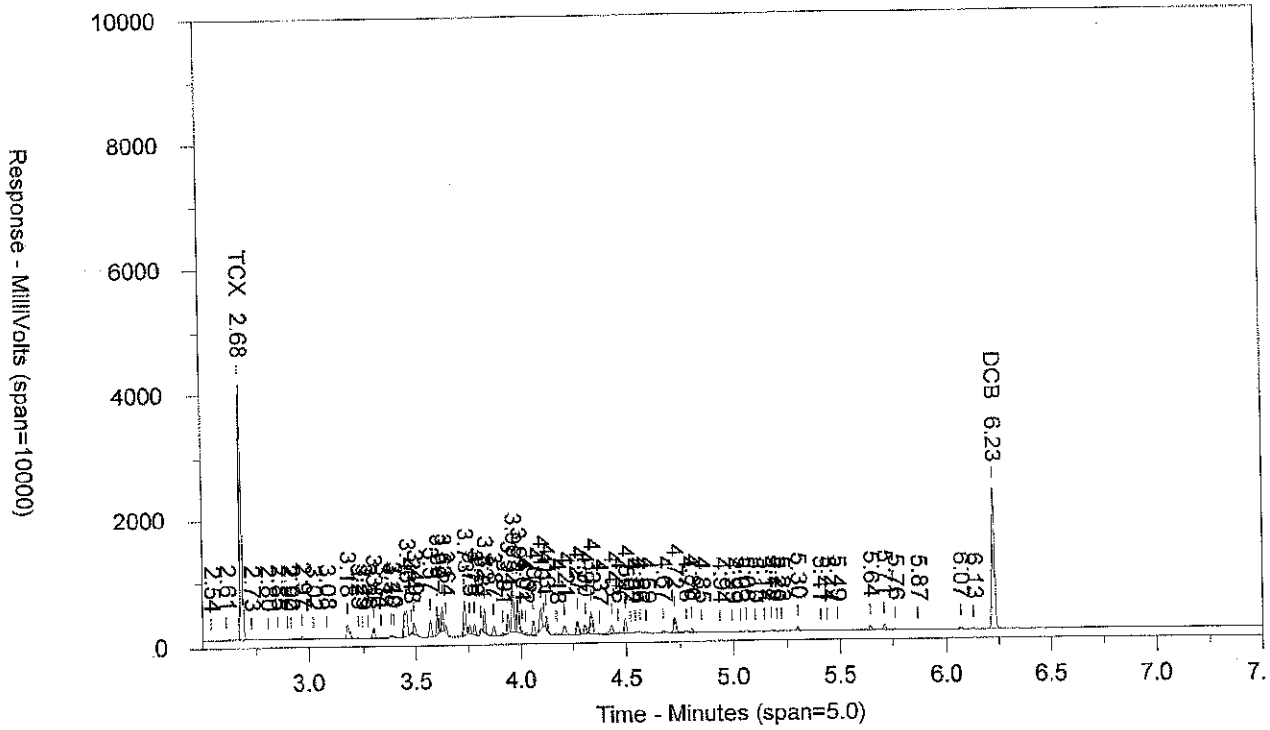

LANCASTER LABORATORIES

Sample Number: AR4841224B AAAR484AA ICAL 1312699999 Injection Volume:SW846 8082
Injected On: 5/7/2013 2:47:23 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.014.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2455	2119
1.626		2441	4331
1.785		3561	6136
1.995		11746	31083
2.117		8022	7298
2.215		31198	26132
2.462		2186	1895
2.613		959	611
2.672		11898	10066
2.817	TCX	5042335	3264655
2.969		25066	20728
3.025		11884	11006
3.073		82533	58469
3.144		1568	795
3.164		22128	15201
3.284		331312	195293
3.3		89420	43826
3.337		21082	11924
3.397		313248	233787
3.448		1726	1536
3.47		24848	17741
3.505		59730	34552
3.562		302334	166992
3.572		309424	142748
3.608		445354	344937
3.663		480349	364270
3.701		80479	55363
3.729		882389	623158
3.756		575049	460736
3.777		185240	99619
3.85		1092156	745226
3.872		290353	179671
3.903		358586	252256
3.936		904334	819958
3.974		293085	233001
4.02		33536	27620
4.059		89865	74816
4.091		822079	563167
4.111		1075607	659747
4.133		1198629	837504
4.2		99023	94012
4.236		887184	749607
4.256		278423	137232
4.275		189154	117773
4.315		14929	9578
4.336		58365	43120
4.377		304878	273553
4.428		446175	380567
4.459		256507	186927
4.488		790907	654093
4.535		8047	6126
4.57		312320	270532
4.609		56745	72345

RT A	Compound A	Height A	Area A
4.658		79153	68593
4.698		530978	478214
4.727		24182	18271
4.776		48754	49941
4.806		26883	19029
4.819		23211	13456
4.853		6944	5677
4.893		567819	534184
4.937		11890	8296
4.964		53667	54556
5.011		118327	110652
5.034		4996	2130
5.05		9007	5394
5.076		6757	5212
5.119		5074	5028
5.22		42279	35503
5.24		6557	4672
5.298		7532	6003
5.323		2886	1926
5.377		45289	44489
5.422		26929	24131
5.447		4150	2810
5.5		95179	119200
5.651		2371	2295
5.685		23780	23001
5.73		7593	13306
5.872		111146	111170
5.936		136706	171263
6.01		2500	2504
6.113		7029	6728
6.31		52227	53098
6.367		13567	14349
6.452	DCB	4001464	3982881
6.576		1504	1810
8.363		1935	3450

LANCASTER LABORATORIES

Sample Number: AR4841224B AAAR484AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:47:23 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.014.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.59		1338	1105
1.623		3660	4092
1.724		1831	2775
1.808		4002	2163
1.856		1734	4716
1.971		34667	30238
2.06		12749	20786
2.112		9843	7611
2.211		1962	1908
2.365		3223	3038
2.478		2366	3456
2.538		2322	1712
2.61		26198	26567
2.682	TCX	6260876	3907834
2.727		8219	5596
2.804		7245	5994
2.855		39871	28848
2.902		6626	3107
2.916		13945	7414
2.969		112473	75244
3.018		3125	1932
3.082		31506	21096
3.177		493997	467201
3.229		33648	20497
3.251		18132	10971
3.275		7253	4019
3.301		378144	283818
3.336		32873	20441
3.382		73641	39127
3.395		21194	10696
3.448		348582	163087
3.457		402368	171982
3.478		65268	28601
3.492		397163	258484
3.567		597039	404447
3.6		1020607	632656
3.624		936724	525826
3.641		270805	140197
3.729		1303796	900342
3.754		344607	202865
3.776		410986	265811
3.807		162818	86641
3.824		886840	559293
3.868		340065	268071
3.913		77658	64552
3.936		736083	470266
3.959		1781024	1179080
3.985		1244233	806950
4.006		82194	39878
4.023		79141	44086
4.06		492539	380724
4.098		824540	668014
4.127		483809	293081
4.175		69794	53803

4.211		309990	255625
4.243		6254	3072
4.27		522614	420173
4.303		305059	225725
4.332		805318	619698
4.371		16243	15778
4.43		306741	339687
4.462		85961	64851
4.496		530035	422277
4.521		13631	6796
4.542		18666	11678
4.564		49540	33008
4.592		47416	39880
4.67		92123	92650
4.723		544826	462305
4.777		37839	42663
4.803		121571	116892
4.852		16292	10913
4.875		3969	2528
4.949		3480	5756
4.993		6748	6902
5.031		13812	10576
5.057		48023	40614
5.1		14668	17967
5.143		4882	3165
5.179		33193	25096
5.203		18571	12246
5.224		19074	13021
5.301		94969	84332
5.414		1223	1526
5.441		7480	6542
5.486		26154	27017
5.642		102389	95372
5.711		128196	115553
5.761		29573	27591
5.865		6931	6062
6.064		46318	39484
6.098		1446	901
6.127		9652	9444
6.225	DCB	3368322	3009326

AR4841224B AAAR484AA ICAL 1312699999 SW-846 8082

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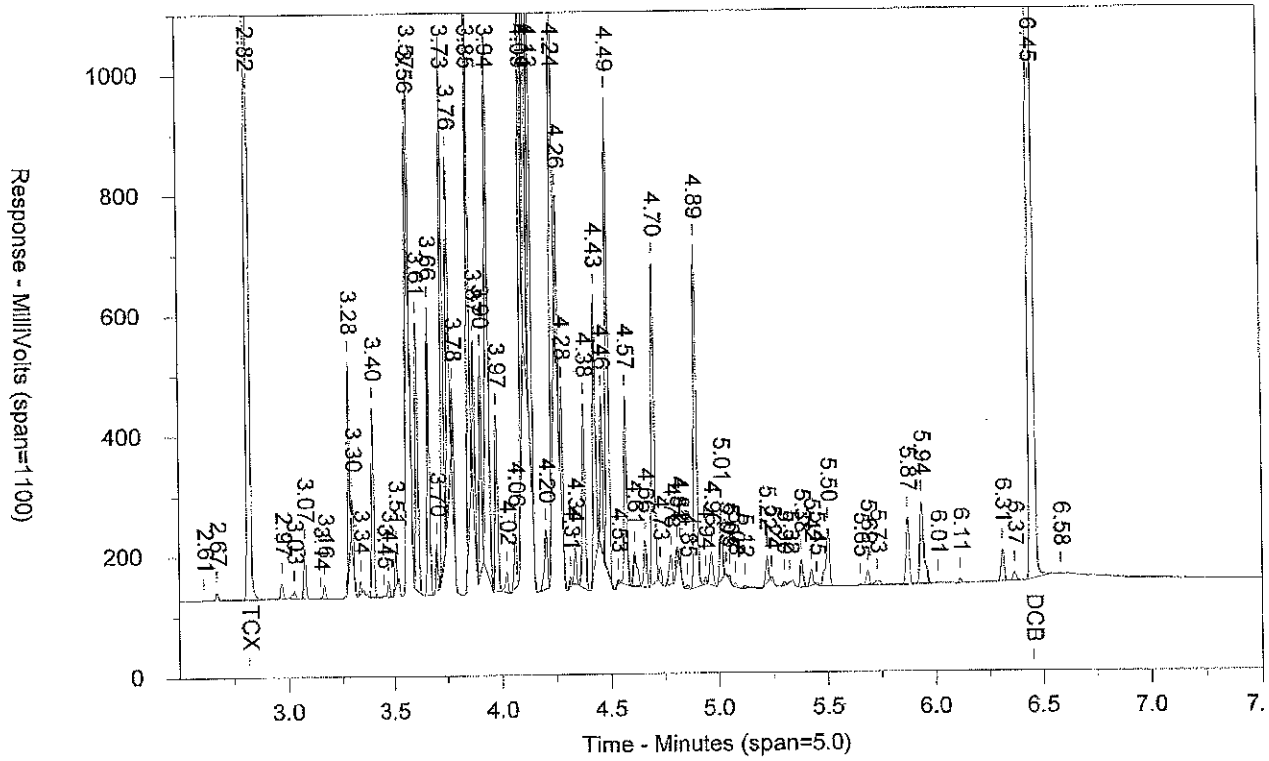

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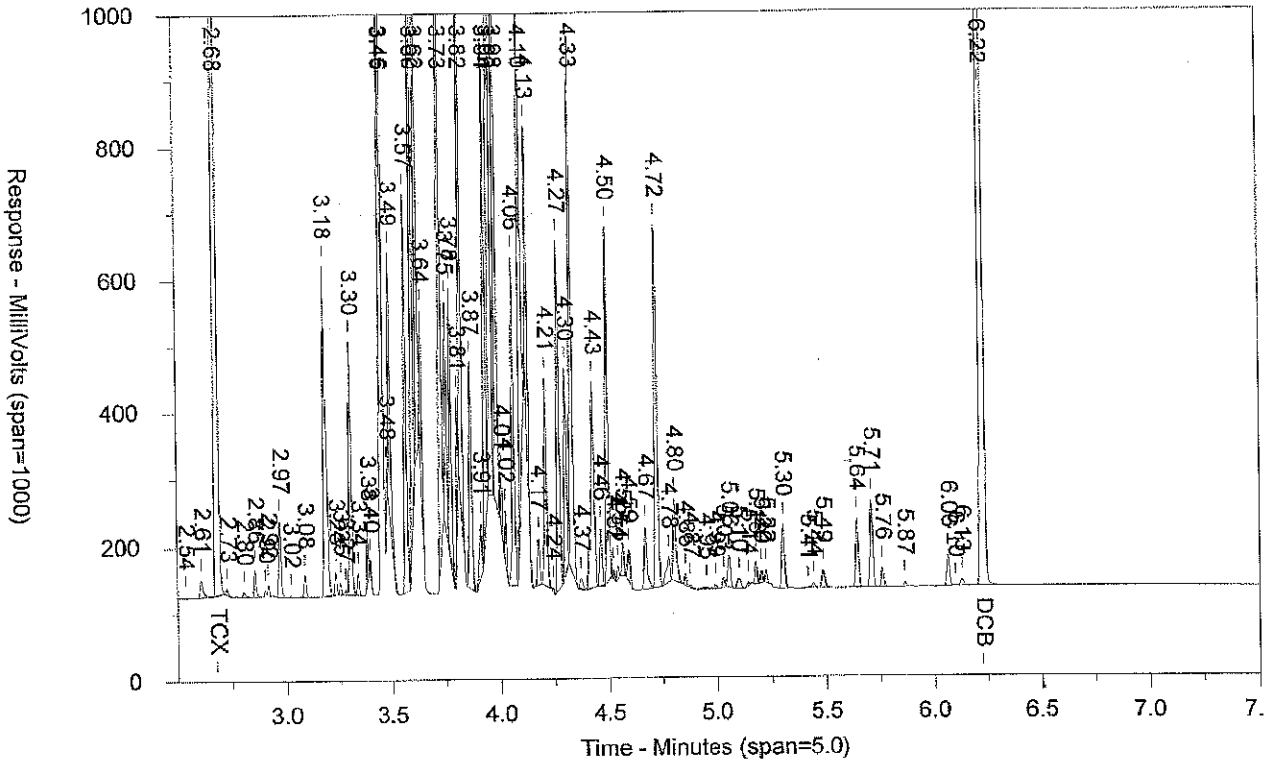

LANCASTER LABORATORIES

Sample Number: AR4841224B AAAR484AA ICAL 1312699999
Injected On: 5/7/2013 2:47:23 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	5042335	62.834	TCX	2.682	6260876	62.044	TCX
6.452	4001464	59.798	DCB	6.225	3368322	61.017	DCB

Files:
Area File: 1p7127.014.RAW
Area File: 1p7127B.014.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 2:56:09 PM
File Reported On: 5/7/2013 at 4:24:21 PM

AR4841224B AAAR484AA ICAL 1312699999 SW-846 8082

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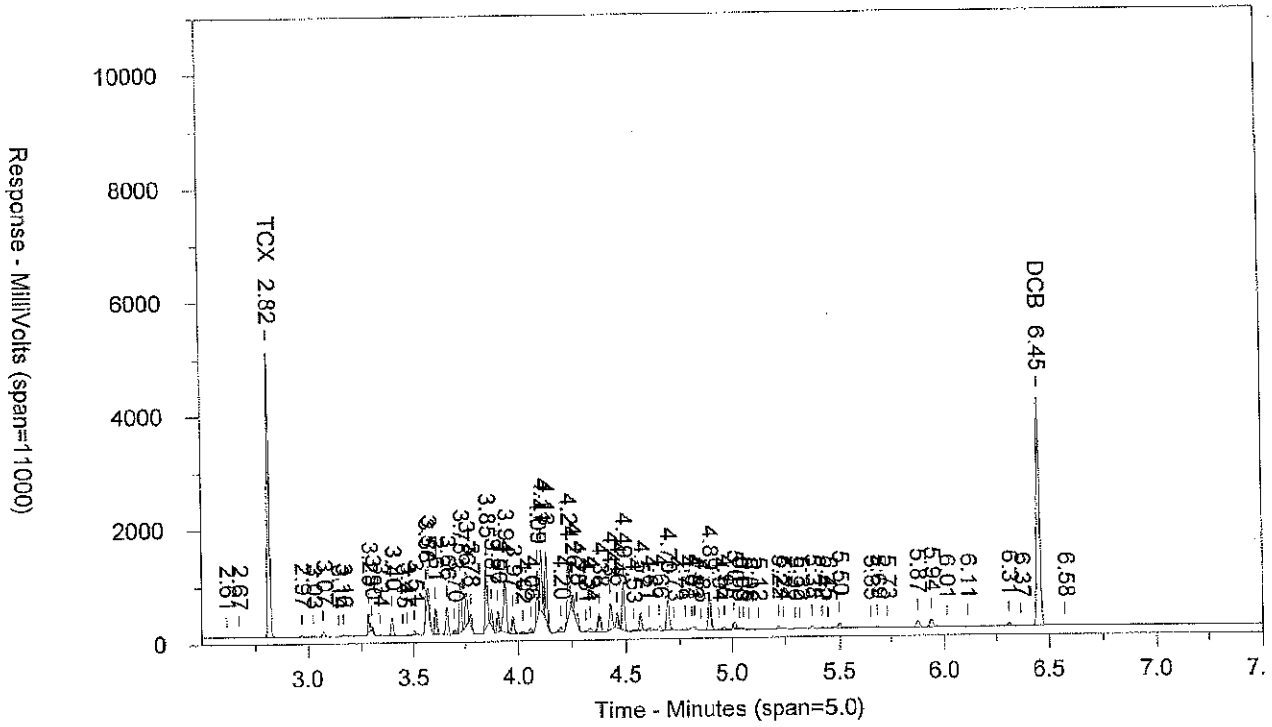

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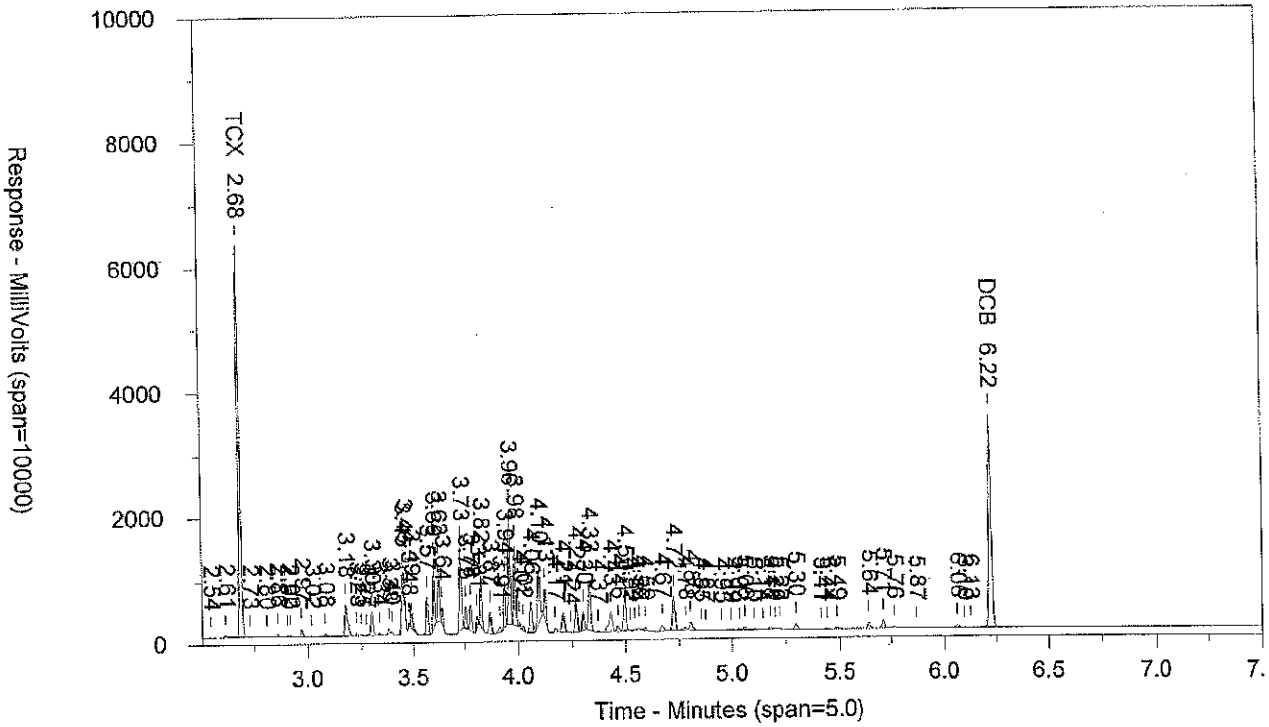

LANCASTER LABORATORIES

Sample Number: AR4851224B AAAR485AA ICAL 1312699999 Injection Volume:SW846 8082
Injected On: 5/7/2013 2:58:40 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.015.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2315	1677
1.623		1976	2800
1.703		856	778
1.785		2843	2627
1.995		14868	34599
2.117		9968	7346
2.215		29419	26446
2.462		3926	3221
2.673		15399	13909
2.817	TCX	6817150	4366722
2.97		47391	39727
3.026		22675	20143
3.072		154621	109304
3.144		1974	1013
3.164		41176	28548
3.284		623476	371774
3.3		164272	82791
3.337		37846	22194
3.352		12872	5329
3.397		601305	444419
3.432		1929	1025
3.448		2849	1387
3.47		46100	32107
3.505		114395	66529
3.519		24046	10304
3.563		607194	322095
3.573		604053	294269
3.608		888251	667297
3.663		928072	712483
3.701		148532	103305
3.729		1802719	1221289
3.755		1174008	911929
3.777		339339	180504
3.85		2116259	1474840
3.873		572460	354730
3.902		671233	481326
3.936		1845020	1620105
3.974		567862	446164
4.02		64499	53422
4.058		168827	142568
4.091		1783389	1138839
4.111		2220282	1355178
4.133		2483612	1717337
4.2		184850	175040
4.236		1878701	1539446
4.256		631533	310847
4.275		360188	203949
4.314		28439	18697
4.336		108379	83333
4.378		589669	520837
4.428		912195	753543
4.459		502019	364655
4.488		1564677	1304663

RT A	Compound A	Height A	Area A
4.534		15804	10938
4.57		588532	522247
4.609		114161	141896
4.658		153090	133152
4.698		1080656	948759
4.727		35570	24848
4.776		96815	119993
4.807		50598	36145
4.819		37536	25260
4.853		10489	8583
4.893		1154055	1079864
4.938		22331	16943
4.964		82109	83933
5.011		227048	215444
5.033		11664	5429
5.05		15013	8794
5.076		11827	9830
5.12		9852	9658
5.158		3828	3322
5.22		78698	69181
5.298		13147	10190
5.337		15447	21122
5.377		60355	60793
5.422		54039	47250
5.447		8529	5701
5.481		15484	11780
5.5		101556	85616
5.648		1238	1086
5.685		43475	42627
5.728		12246	22718
5.873		145140	149059
5.936		183409	228150
6.008		2449	2755
6.112		13006	12152
6.309		70399	71752
6.366		11951	13119
6.451	DCB	5312722	5265954
8.356		1782	2793

LANCASTER LABORATORIES

Sample Number: AR4851224B AAAR485AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 2:58:40 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.015.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.624		3380	3834
1.719		2628	5869
1.808		4285	2961
1.971		33624	31120
2.061		15815	25248
2.112		12822	9792
2.21		2319	3409
2.365		5645	4787
2.478		2206	3207
2.539		2854	1679
2.61		34101	35313
2.682	TCX	8251535	5168998
2.727		15988	11558
2.804		6797	5297
2.855		75146	55236
2.902		7988	3547
2.916		26817	15171
2.969		206558	140602
3.019		4188	2515
3.082		57318	39356
3.177		937034	872186
3.229		63260	39236
3.251		32035	19167
3.275		14255	7740
3.301		722763	531631
3.336		57011	36539
3.382		149135	82908
3.397		46490	20778
3.448		671844	302037
3.457		787743	350404
3.479		113607	48851
3.492		775686	489919
3.567		1159800	778448
3.6		2031374	1216207
3.624		1807877	1027066
3.641		543458	267514
3.73		2546909	1739967
3.754		672611	387841
3.776		778713	499045
3.808		300869	158174
3.824		1799129	1101820
3.868		658851	503346
3.913		145236	121245
3.936		1431222	910871
3.959		3549202	2336911
3.985		2527844	1624700
4.006		154928	73507
4.024		134088	76589
4.061		945503	720850
4.098		1588756	1194665
4.127		1075623	756062
4.156		3301	1385
4.175		131565	98411
4.21		574295	481327

4.243		5829	2872
4.27		1023606	825304
4.303		599192	432286
4.332		1601106	1209621
4.371		29929	29940
4.429		585385	644447
4.462		159201	123132
4.496		1036990	817784
4.521		24907	12429
4.542		19891	12330
4.564		97127	66784
4.592		94787	77276
4.67		168416	168793
4.723		1104035	918955
4.776		53180	65835
4.803		232338	230970
4.852		28403	19596
4.874		7816	4889
4.946		6077	9745
4.993		13487	13718
5.03		23953	18123
5.056		92626	78322
5.102		22679	27846
5.142		8624	5832
5.178		43322	32905
5.203		36975	24378
5.224		34715	23814
5.301		127639	115337
5.416		1702	1391
5.441		13644	11924
5.486		47416	49025
5.642		134884	125299
5.711		166708	156416
5.76		40149	37186
5.865		12884	11599
6.065		59549	51925
6.095		1714	1255
6.127		8664	8048
6.224	DCB	4480863	3970271

AR4851224B AAAR485AA ICAL 1312699999 SW-846 8082

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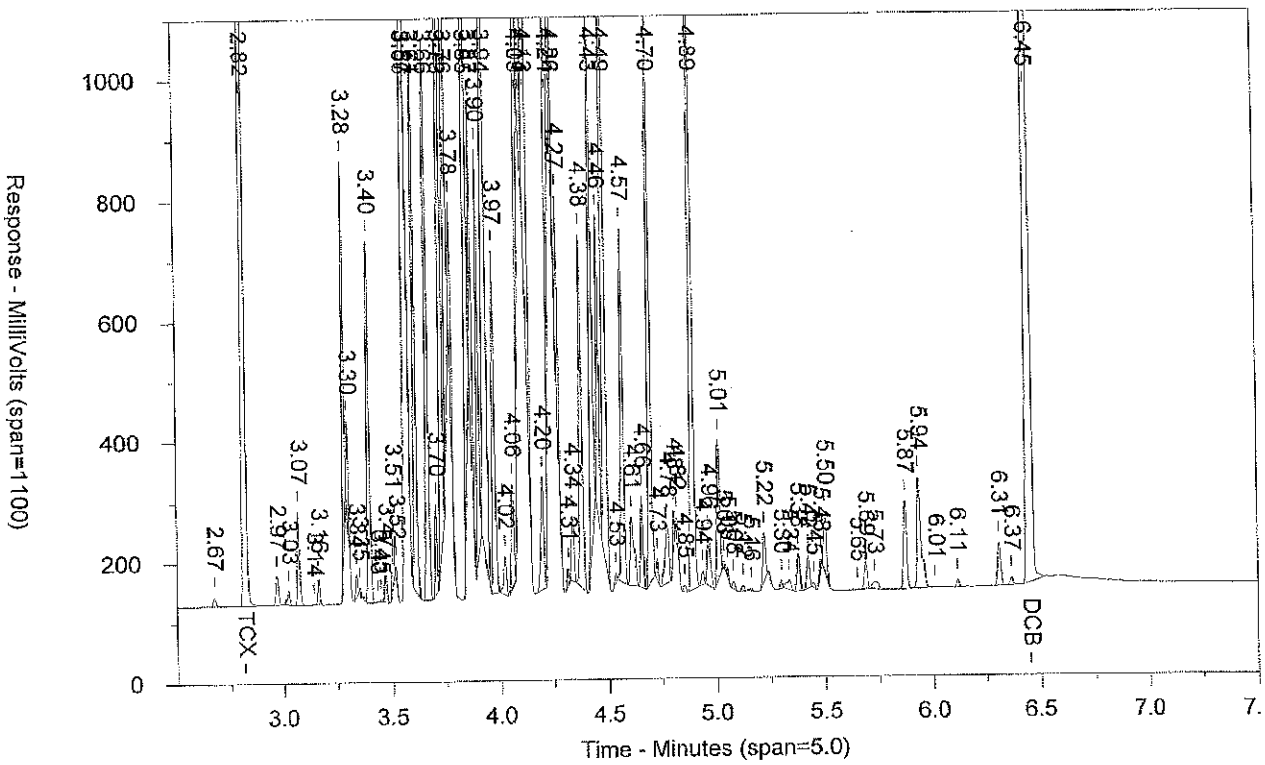

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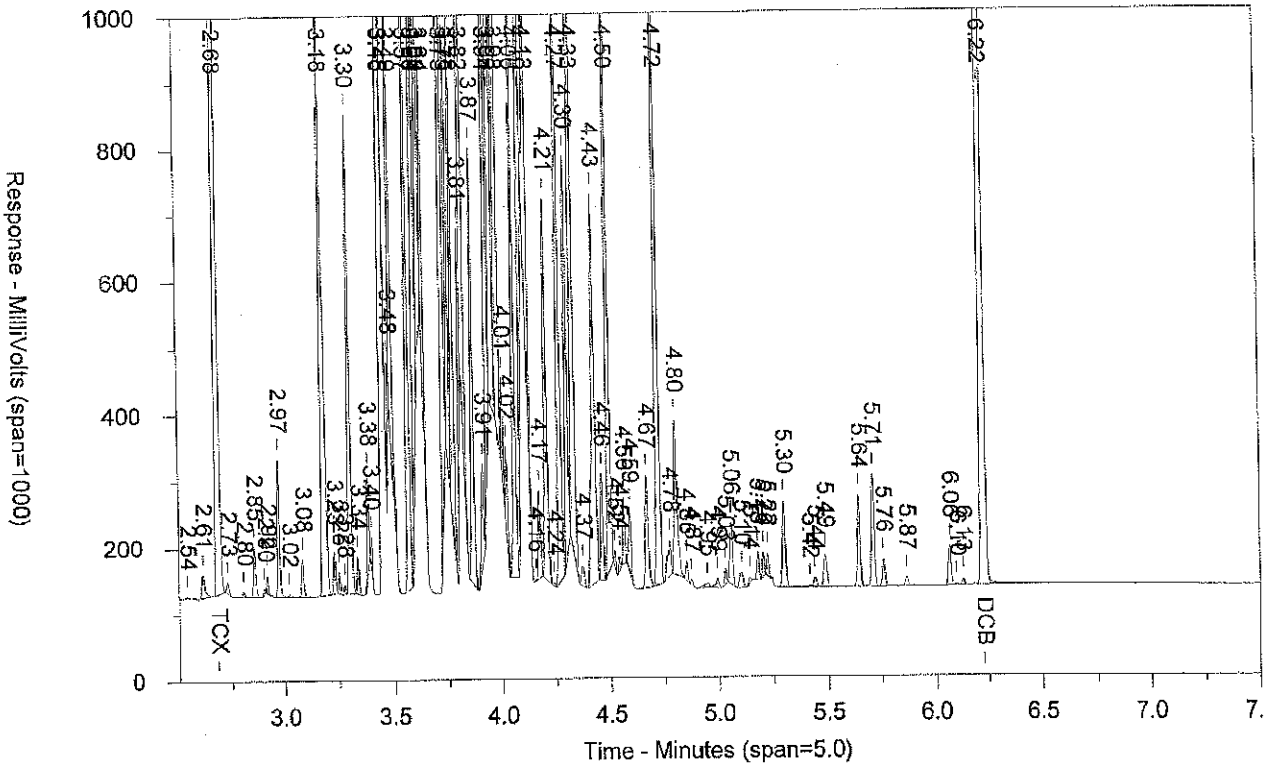

LANCASTER LABORATORIES

Sample Number: AR4851224B AAAR485AA ICAL 1312699999
Injected On: 5/7/2013 2:58:40 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	6817150	84.95	TCX	2.682	8251535	81.77	TCX
6.451	5312722	79.394	DCB	6.224	4480863	81.171	DCB

Files:
Area File: 1p7127.015.RAW
Area File: 1p7127B.015.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 3:07:21 PM
File Reported On: 5/7/2013 at 4:24:35 PM

AR4851224B AAAR485AA ICAL 1312699999 SW-846 8082

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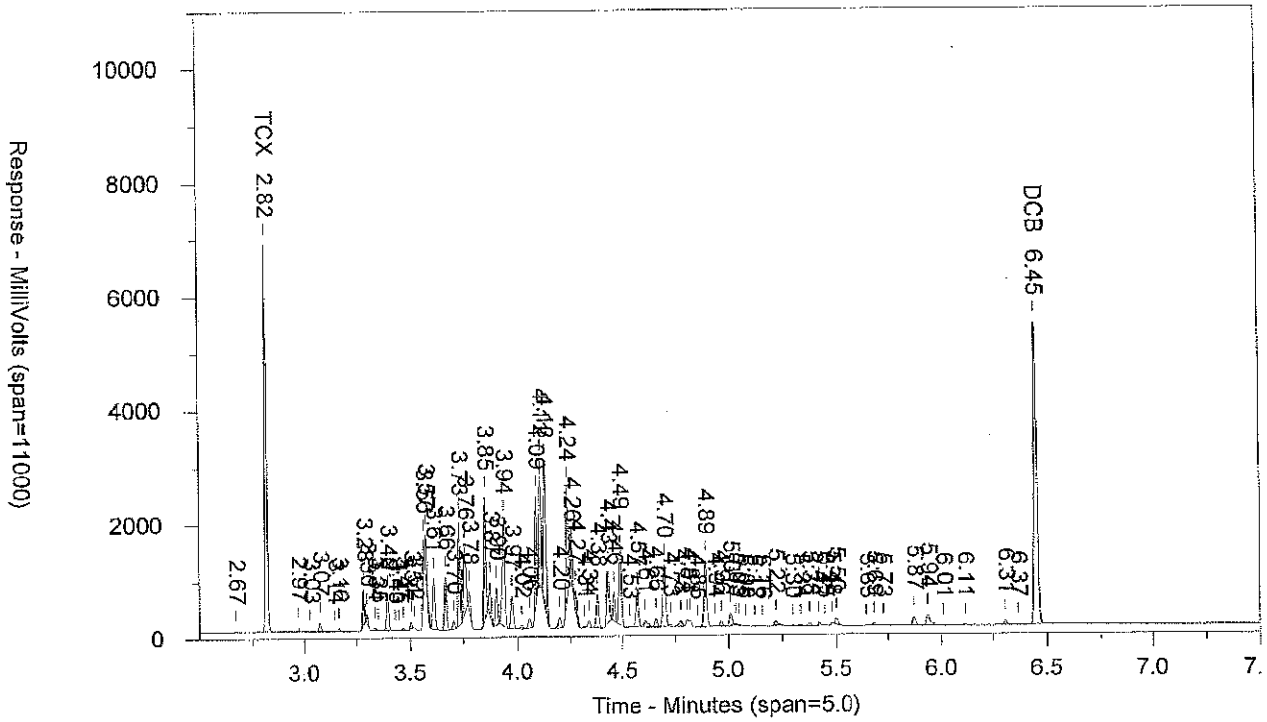

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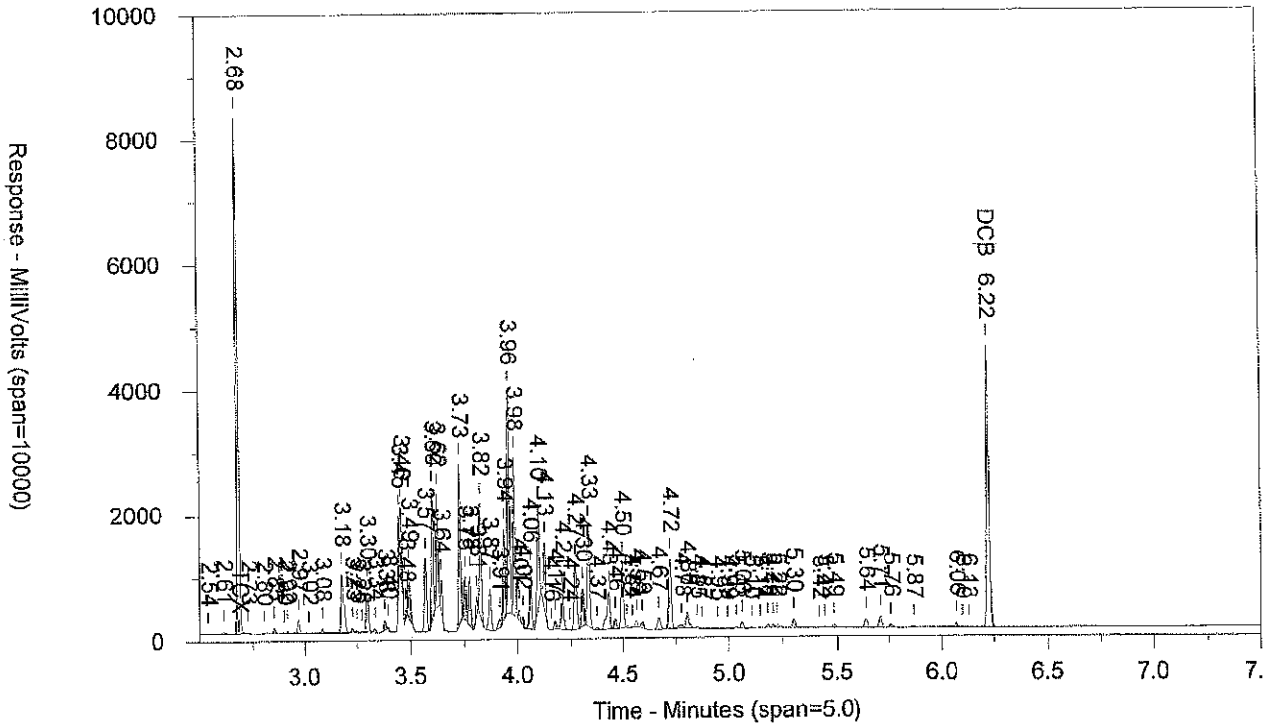

LANCASTER LABORATORIES

Sample Number: AR5411324A AAAR541AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 3:10:05 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.016.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
2		22885	55547
2.215		25291	17922
2.373		1235	810
2.672		10772	9883
2.817	TCX	335420	214030
2.974		979	890
3.072		2321	1862
3.209		1456	1153
3.286		3320	1975
3.353		1196	821
3.398		4173	3099
3.472		2310	1723
3.555		8985	7195
3.609		9571	7702
3.664		4608	3544
3.703		1136	603
3.729		82377	61621
3.755		23801	22709
3.85		52860	39014
3.903		6285	4300
3.936		24497	22763
3.974		6636	5520
4.056		4373	3537
4.092		137203	97184
4.112		53652	30149
4.135		40821	30439
4.201		39846	34177
4.242		194440	210964
4.276		78079	61987
4.316		2569	1563
4.337		13825	10413
4.378		76511	67006
4.429		136826	120974
4.459		33016	20940
4.488		268540	232144
4.535		13012	9193
4.571		38890	29629
4.609		92607	92446
4.658		17604	15623
4.698		184975	176110
4.755		17537	26750
4.806		117960	176414
4.854		3541	2602
4.894		147375	144100
4.938		17261	13059
4.963		18013	24485
5.012		199586	180872
5.034		10739	10359
5.077		6202	4934
5.12		7936	9431
5.22		58681	49713
5.298		8656	8139
5.338		7889	7112

RT A	Compound A	Height A	Area A
5.379		3400	3424
5.423		37946	35827
5.448		4201	2975
5.481		30070	37056
5.653		4289	4382
5.687		27339	26084
5.719		4697	5269
5.872		10054	10461
5.936		15471	17440
6.011		1738	1896
6.113		1601	1225
6.31		4462	4329
6.366		9043	10193
6.451	DCB	344897	355690
8.367		2311	4450

LANCASTER LABORATORIES

Sample Number: AR5411324A AAAR541AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 3:10:05 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.016.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.971		28653	19373
2.064		26906	61893
2.428		1958	1237
2.477		1374	2184
2.61		28887	29787
2.681	TCX	444164	285355
2.803		2762	2098
2.969		3382	2237
3.178		5798	6892
3.25		1796	1129
3.302		5445	4296
3.336		3523	2282
3.393		13182	10137
3.447		6407	6761
3.492		10292	11982
3.568		5921	4146
3.6		105120	68166
3.624		34273	20506
3.729		67386	46904
3.754		3559	1801
3.776		9602	6925
3.808		5776	2850
3.824		23351	13931
3.868		8488	6792
3.906		6037	4959
3.936		22346	13741
3.959		231643	165909
3.985		24868	14640
4.006		20663	11605
4.024		36517	22867
4.061		206902	155762
4.094		84896	58838
4.115		54285	35344
4.175		17319	14295
4.211		84763	70301
4.27		164827	131463
4.304		44826	32631
4.332		278018	222163
4.371		22993	22376
4.427		132668	130795
4.463		21681	17480
4.496		182186	143695
4.521		29778	19406
4.565		119638	98276
4.592		5789	3810
4.67		116852	118698
4.723		131490	111972
4.764		32562	29568
4.804		206372	217241
4.853		15702	10828
4.875		6311	4164
4.941		3569	3770
4.994		10915	10977
5.031		12620	9121

5.057		65961	56620
5.106		9916	9766
5.143		7070	5685
5.172		3458	3117
5.203		30668	22089
5.224		20795	14016
5.301		9038	7822
5.44		1455	1341
5.485		29433	30103
5.642		9746	8608
5.688		1101	829
5.711		13221	11036
5.764		3042	3379
5.865		1858	1677
6.065		4093	3575
6.127		6481	7182
6.225	DCB	286963	268380
8.466		1142	1885

AR5411324A AAAR541AA ICAL 1312699999 SW-846 8082

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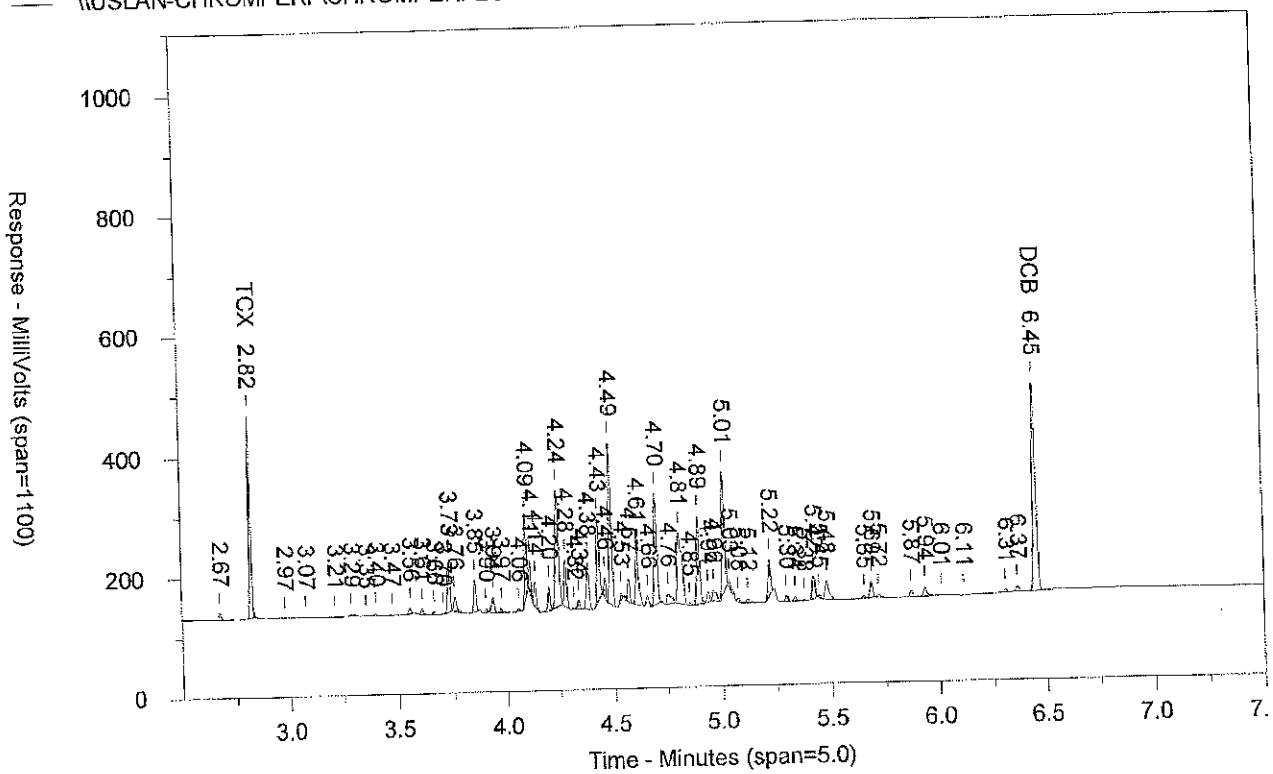

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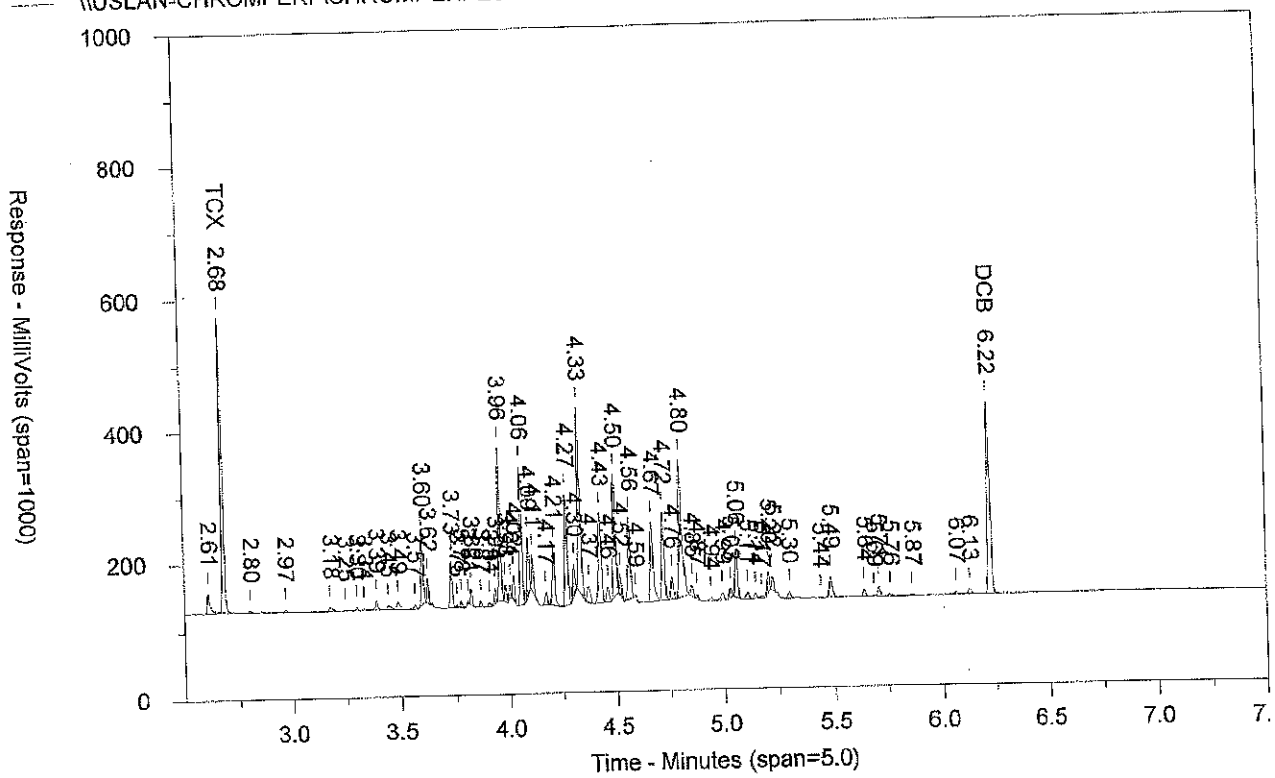

LANCASTER LABORATORIES

Sample Number: AR5411324A AAAR541AA ICAL 1312699999
Injected On: 5/7/2013 3:10:05 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	335420	4.18	TCX	2.681	444164	4.402	TCX
6.451	344897	5.154	DCB	6.225	286963	5.198	DCB

Files:
Area File: 1p7127.016.RAW
Area File: 1p7127B.016.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 3:18:50 PM
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AR5411324A AAAR541AA ICAL 1312699999 SW-846 8082

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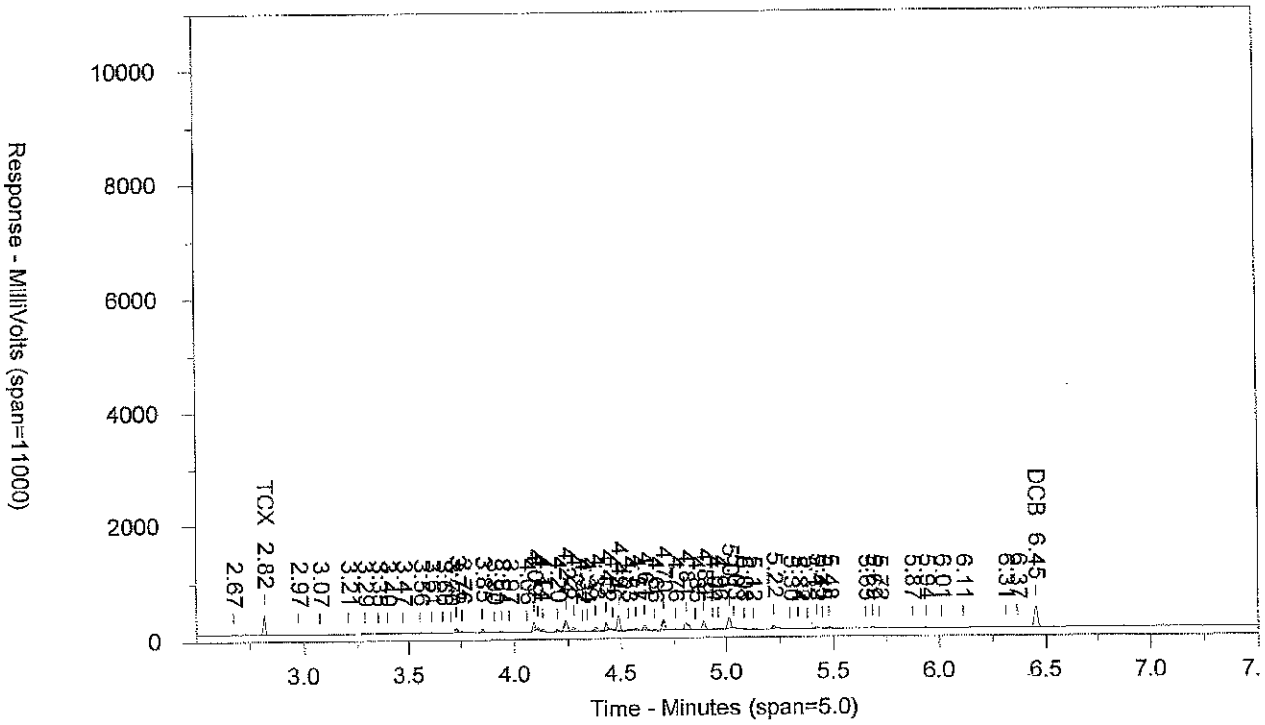

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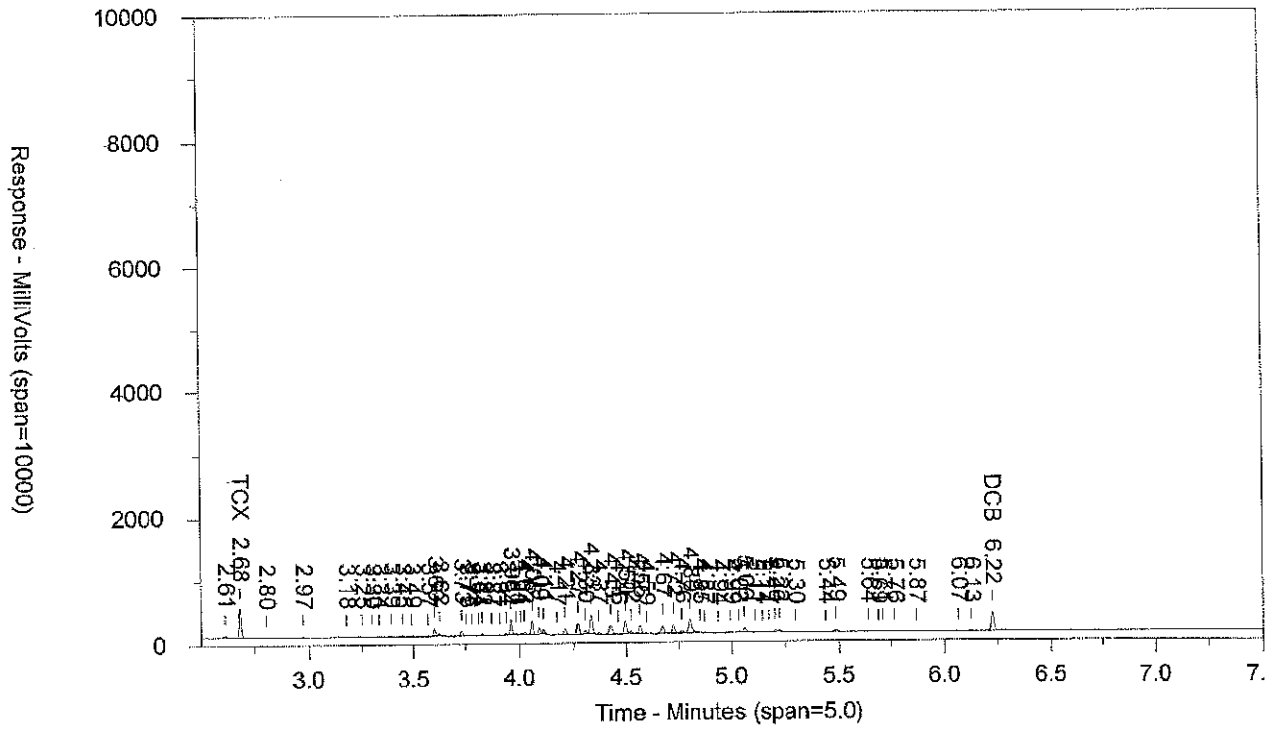

LANCASTER LABORATORIES

Sample Number: AR5421324A AAAR542AA ICAL 1312699999 Injection Volume SW846 8082
Injected On: 5/7/2013 3:21:20 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.017.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.996		19516	49944
2.117		3470	2810
2.215		26561	20114
2.372		1440	907
2.672		9315	8253
2.816	TCX	1759834	1119389
2.968		1695	1348
3.014		2473	2105
3.072		4652	3801
3.208		1713	1027
3.285		6961	4175
3.302		3160	2260
3.352		2855	2042
3.396		9295	7259
3.47		5470	3842
3.505		1828	2279
3.554		13788	11358
3.608		21282	16286
3.661		10214	8095
3.701		2188	1436
3.729		153188	114827
3.756		43839	42899
3.849		100532	73957
3.872		6419	3793
3.902		13019	8921
3.935		44675	45377
3.974		12484	10188
4.021		2557	1639
4.055		9056	6876
4.091		250865	173980
4.11		94476	57012
4.134		78113	57931
4.2		72363	63214
4.241		355832	386671
4.275		144901	115010
4.315		4532	2743
4.336		24094	18659
4.377		143743	125762
4.427		260901	225245
4.458		60524	40322
4.488		493018	429346
4.533		23779	16166
4.548		8724	3940
4.569		76249	57260
4.609		169399	167682
4.657		33214	29193
4.697		339623	322203
4.726		11861	7419
4.754		22934	18324
4.806		209575	319342
4.852		7151	5670
4.893		272924	269974
4.938		29208	23079

RT A	Compound A	Height A	Area A
4.963		41886	53981
5.011		356178	329737
5.033		17804	8917
5.075		11729	8990
5.118		15401	18410
5.22		106417	93270
5.241		15633	9829
5.298		15282	12992
5.337		14959	15912
5.378		15050	15331
5.422		72708	68194
5.447		9724	6666
5.48		38745	31646
5.499		15499	9944
5.652		4622	4238
5.686		52645	48589
5.718		8909	10854
5.872		40366	40286
5.935		56639	65340
6.008		2124	2203
6.114		3488	3464
6.309		18233	18290
6.366		9432	10614
6.451	DCB	1389148	1440879

LANCASTER LABORATORIES

Sample Number: AR5421324A AAAR542AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 3:21:20 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.017.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.592		2426	2622
1.724		1200	1038
1.971		29269	22388
2.063		20098	33179
2.112		3783	3264
2.428		2189	1438
2.49		1664	2491
2.61		23467	22439
2.682	TCX	2188576	1382099
2.804		9455	7977
2.855		2734	1983
2.902		3311	1844
2.97		7167	5069
3.084		1532	1204
3.178		12494	14266
3.251		4789	3028
3.302		11922	9307
3.336		8211	5011
3.392		21293	16443
3.447		11797	12109
3.493		21450	24978
3.568		12843	8931
3.6		192107	125118
3.624		65054	39300
3.73		124267	87691
3.755		7202	3818
3.776		17425	12149
3.808		14501	7559
3.824		42030	24449
3.867		15689	12674
3.907		11658	10218
3.936		40921	24981
3.96		426310	302958
3.985		45516	26161
4.006		38599	21447
4.024		69268	42577
4.061		364986	279851
4.093		154863	107281
4.115		97420	65378
4.175		31510	25202
4.211		153330	130444
4.27		296032	237604
4.304		83579	61277
4.332		493581	405150
4.371		41675	41262
4.427		237565	236472
4.463		38753	31642
4.496		332066	259487
4.521		54044	34469
4.564		202623	174819
4.592		11451	7231
4.67		214902	209293
4.723		245058	207382
4.764		57607	56352

4.804		369501	384288
4.853		28961	19986
4.874		10492	7067
4.939		5754	6003
4.994		20023	19928
5.03		23111	17560
5.057		120985	103920
5.105		20074	20904
5.142		12134	9656
5.177		9073	7839
5.203		58202	41098
5.224		36055	24479
5.301		35557	32057
5.407		878	927
5.441		3107	2557
5.484		54663	55361
5.642		38949	34678
5.684		1650	1092
5.711		47130	41566
5.761		9516	9907
5.864		3020	2569
6.064		15658	13595
6.127		7154	6411
6.224	DCB	1198579	1092373

AR5421324A AAAR542AA ICAL 1312699999 SW-846 8082

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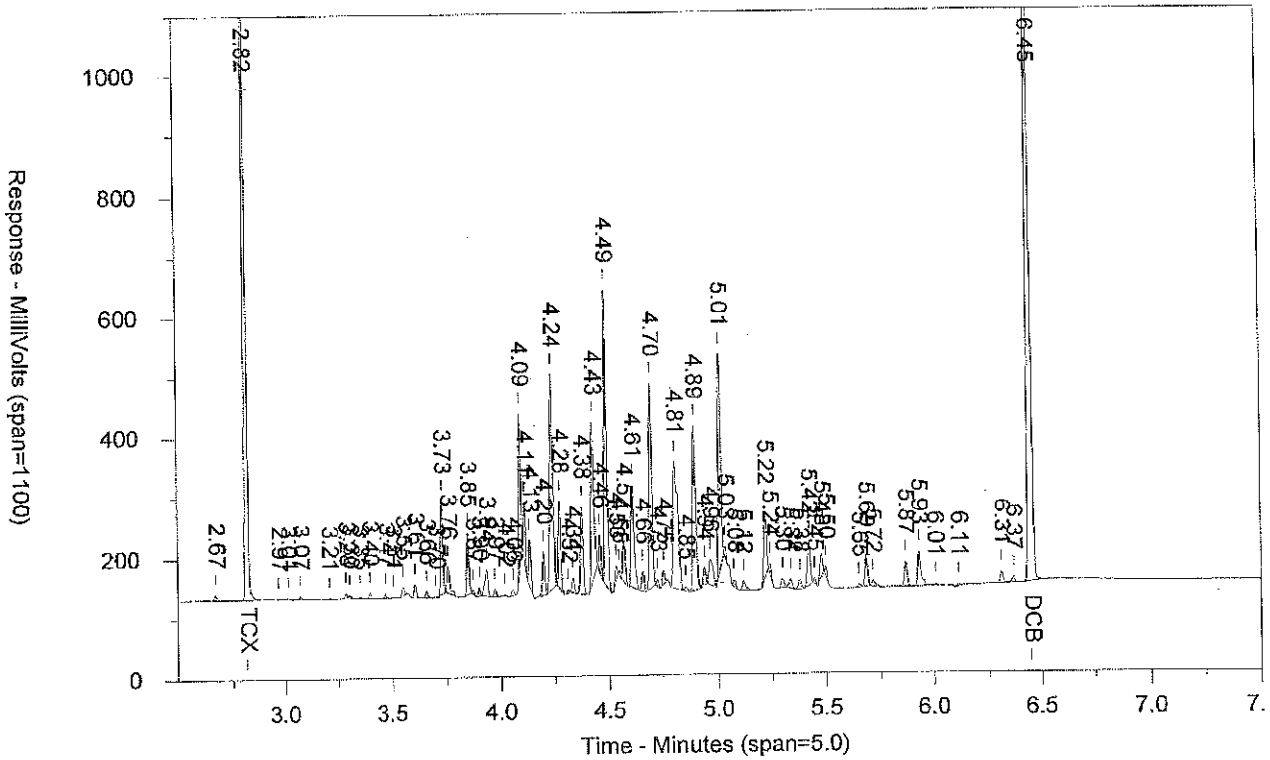

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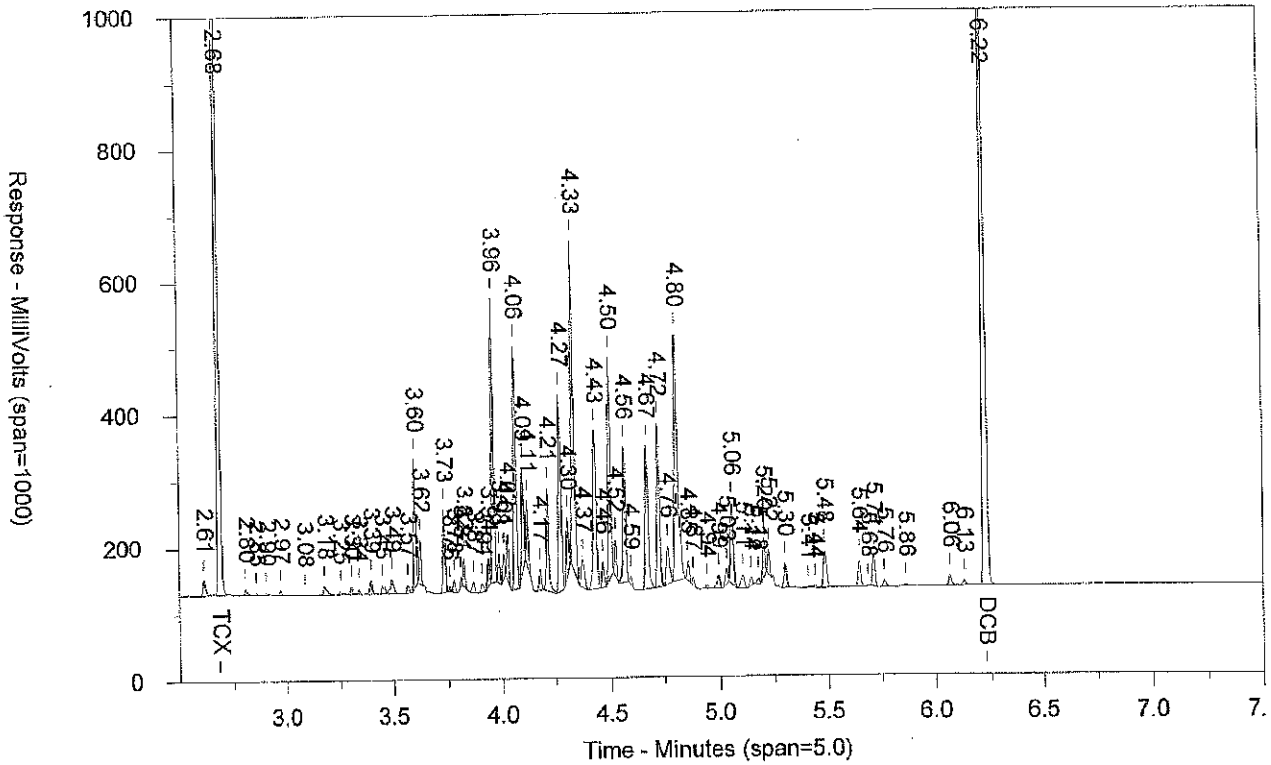

LANCASTER LABORATORIES

Sample Number: AR5421324A AAAR542AA ICAL 1312699999
Injected On: 5/7/2013 3:21:20 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	1759834	21.93	TCX	2.682	2188576	21.688	TCX
6.451	1389148	20.76	DCB	6.224	1198579	21.712	DCB

Files:
Area File: 1p7127.017.RAW
Area File: 1p7127B.017.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 3:30:05 PM
File Reported On: 5/7/2013 at 4:25:13 PM

AR5421324A AAAR542AA ICAL 1312699999 SW-846 8082

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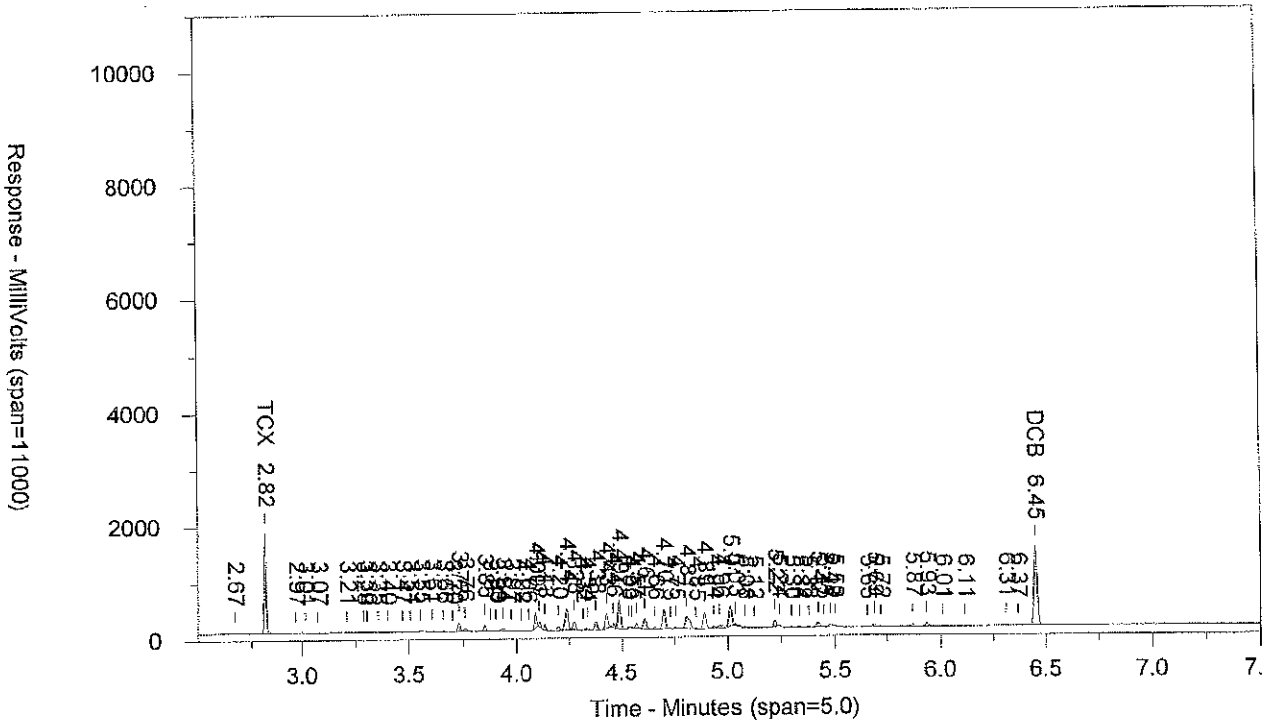

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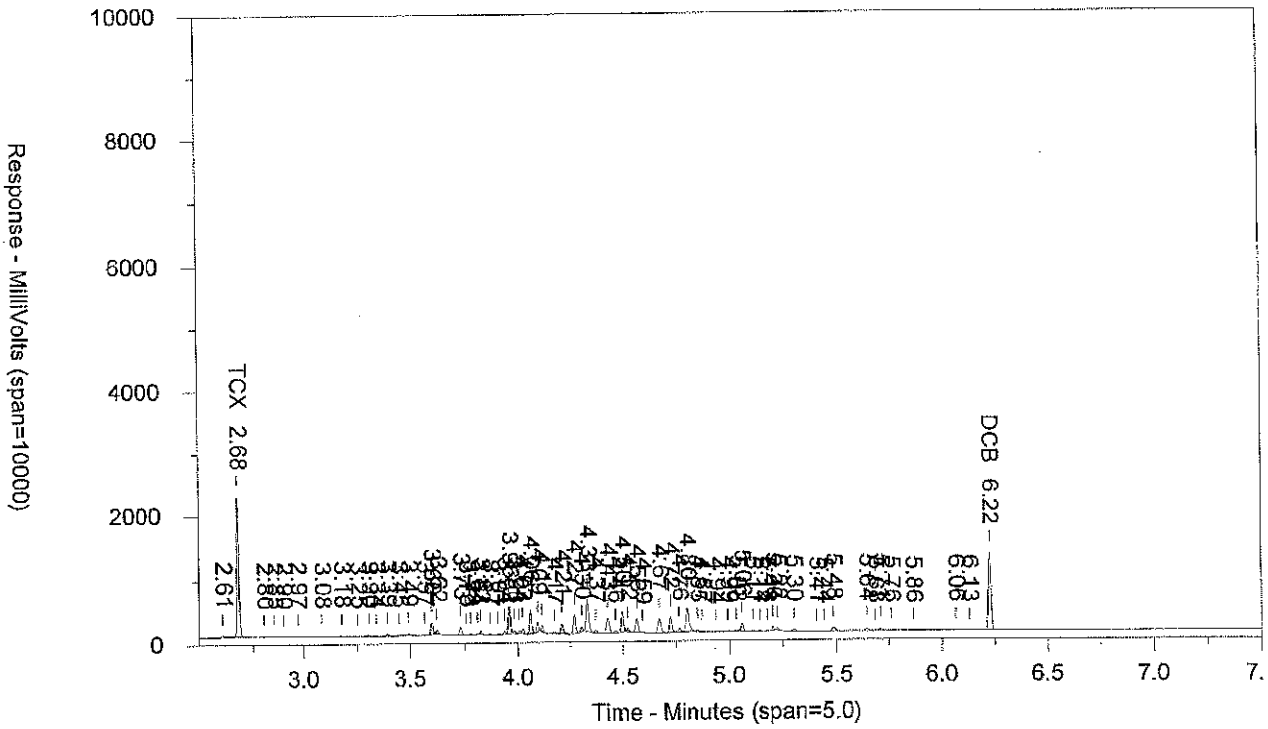

LANCASTER LABORATORIES

Sample Number: AR5431324A AAAR543AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 3:32:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.018.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.998		17962	46196
2.117		6699	6295
2.215		21768	19281
2.672		10336	8230
2.817	TCX	3724093	2366195
2.97		4552	3949
3.014		5212	5034
3.072		12077	9301
3.144		1429	852
3.165		2484	1867
3.285		17938	10755
3.302		7221	4619
3.352		7574	6702
3.397		22597	16512
3.471		14543	11249
3.506		3649	2079
3.562		10494	7835
3.575		7987	6779
3.61		51546	38726
3.663		24936	19309
3.702		5137	3353
3.729		377322	269065
3.756		106493	102415
3.85		237850	177866
3.873		16871	9583
3.903		31512	21476
3.936		111210	112866
3.975		26748	20990
4.02		7108	7409
4.056		21418	16724
4.092		606913	424598
4.111		232175	136278
4.134		184631	139496
4.201		173289	146550
4.242		891969	950509
4.275		340923	273880
4.315		11274	7466
4.336		60228	46591
4.377		350641	301886
4.429		623448	555679
4.459		149450	99728
4.489		1314224	1096367
4.534		56101	39661
4.549		22565	10117
4.57		181217	140091
4.609		401119	402854
4.658		81873	73072
4.698		882990	805415
4.727		27410	16531
4.754		75991	59971
4.776		15489	8578
4.806		502630	769495
4.853		16271	13166

RT A	Compound A	Height A	Area A
4.893		714334	685571
4.938		74817	59985
4.964		103035	131830
5.011		887447	817502
5.034		54684	49517
5.076		26976	20456
5.119		36956	45570
5.221		254880	225268
5.241		38976	25861
5.298		35770	31359
5.337		36859	37463
5.377		30141	31884
5.421		186578	169706
5.447		23706	16163
5.48		104728	87939
5.5		26738	15624
5.651		2560	2292
5.686		126737	122108
5.718		20725	23772
5.872		83965	83325
5.936		118827	132452
6.011		1479	1560
6.112		6804	6637
6.309		34726	36091
6.365		6306	6997
6.451	DCB	2936085	2853852

LANCASTER LABORATORIES

Sample Number: AR5431324A AAAR543AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 3:32:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.018.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.971		24679	24586
2.061		18207	29164
2.111		7626	5964
2.477		1593	2821
2.61		25768	25760
2.681	TCX	4625696	2871505
2.803		3723	2981
2.855		7484	5793
2.901		6541	3357
2.969		16940	12020
3.018		2273	1270
3.084		3618	2860
3.178		30233	34450
3.229		1942	1008
3.251		10497	6644
3.302		28262	21452
3.336		19285	12106
3.393		16144	15568
3.448		27529	29404
3.479		7438	3571
3.493		39892	33736
3.568		32507	22328
3.6		453212	291012
3.624		156510	93656
3.641		12374	5203
3.729		285912	202891
3.754		22558	12344
3.776		41298	29137
3.808		34151	18688
3.824		101044	60060
3.868		32810	27902
3.907		26989	24106
3.936		99014	61114
3.959		1045316	734308
3.985		110196	64900
4.006		96085	52502
4.024		165291	102024
4.061		896144	666076
4.094		356725	246540
4.115		229959	149456
4.175		73999	57747
4.211		352577	294649
4.27		730409	578244
4.304		190620	145470
4.332		1271831	1004366
4.371		99723	99538
4.427		590285	564196
4.463		94042	77063
4.497		798476	629917
4.521		127893	83645
4.565		468659	411477
4.592		26226	16693
4.67		511229	494123
4.724		611081	518816

Jessica L. Miller
Chemist
MAY 07 2013

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4.763		145900	137626
4.804		902022	941314
4.853		73321	49337
4.875		25242	17427
4.939		13481	14220
4.994		48501	48406
5.031		55649	41063
5.057		297745	249082
5.106		44838	47105
5.142		30977	24255
5.176		18429	17019
5.204		133272	98904
5.225		88935	59747
5.301		74183	65697
5.44		7161	6078
5.485		134020	134686
5.642		77095	69485
5.685		4051	2583
5.711		97715	87434
5.761		19056	17640
5.866		6935	6050
6.065		30577	27273
6.127		5187	4766
6.225	DCB	2352196	2147687

AR5431324A AAAR543AA ICAL 1312699999 SW-846 8082

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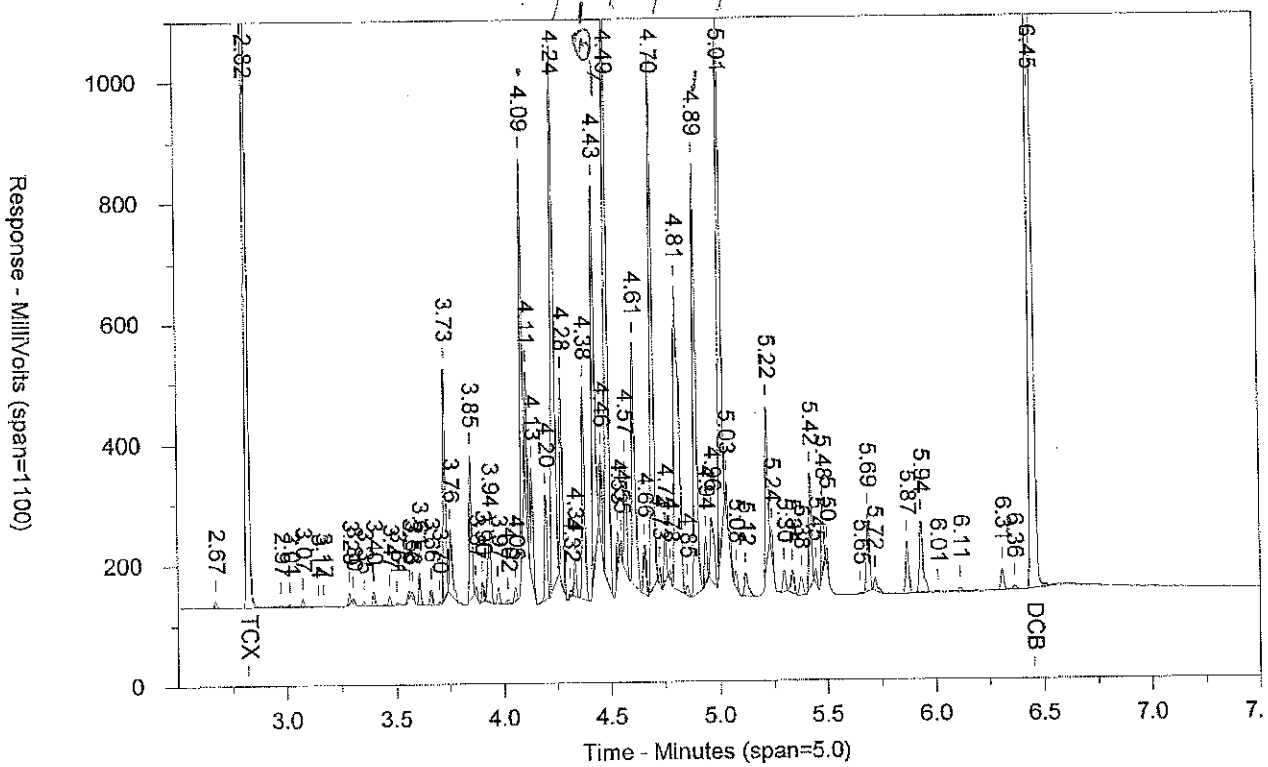

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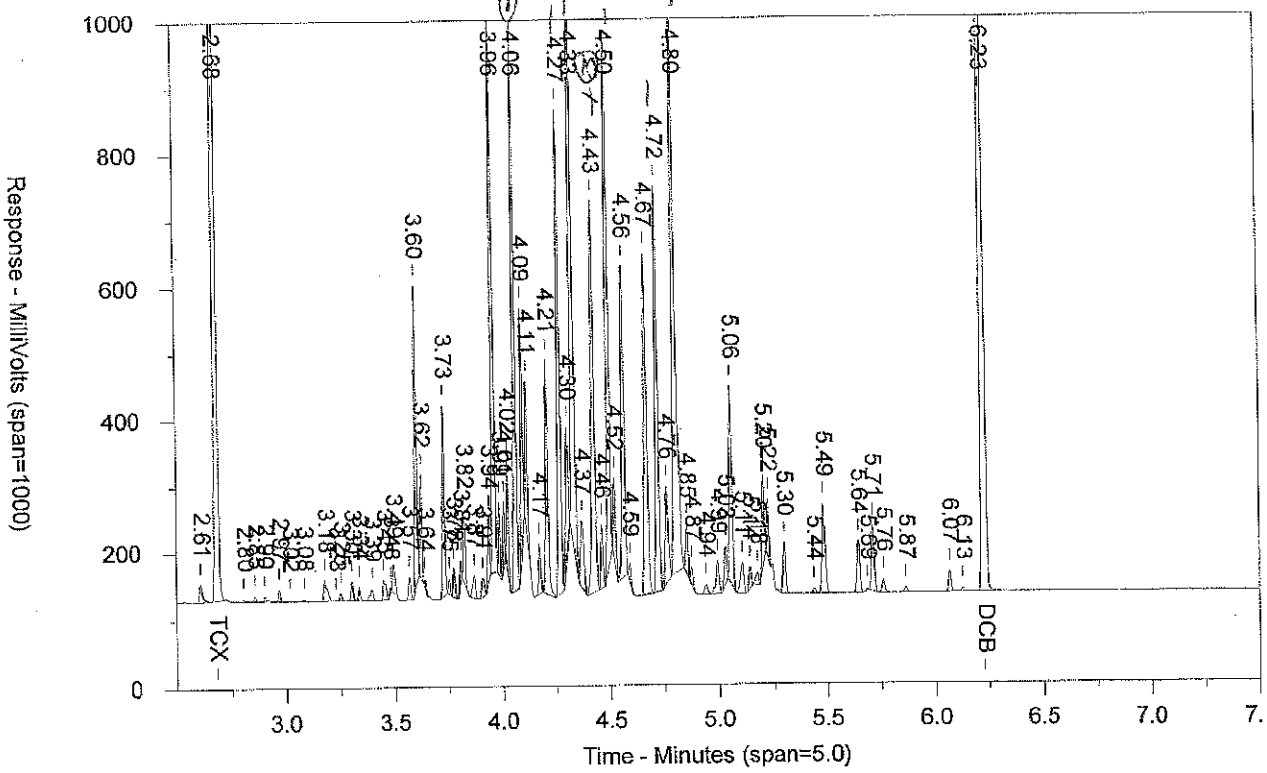

LANCASTER LABORATORIES

Sample Number: AR5431324A AAAR543AA ICAL 1312699999
Injected On: 5/7/2013 3:32:46 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3724093	46.407	TCX	2.681	4625696	45.839	TCX
6.451	2936085	43.877	DCB	6.225	2352196	42.61	DCB

Files:
Area File: 1p7127.018.RAW
Area File: 1p7127B.018.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 3:41:28 PM
File Reported On: 5/7/2013 at 4:25:27 PM

AR5431324A AAAR543AA ICAL 1312699999 SW-846 8082

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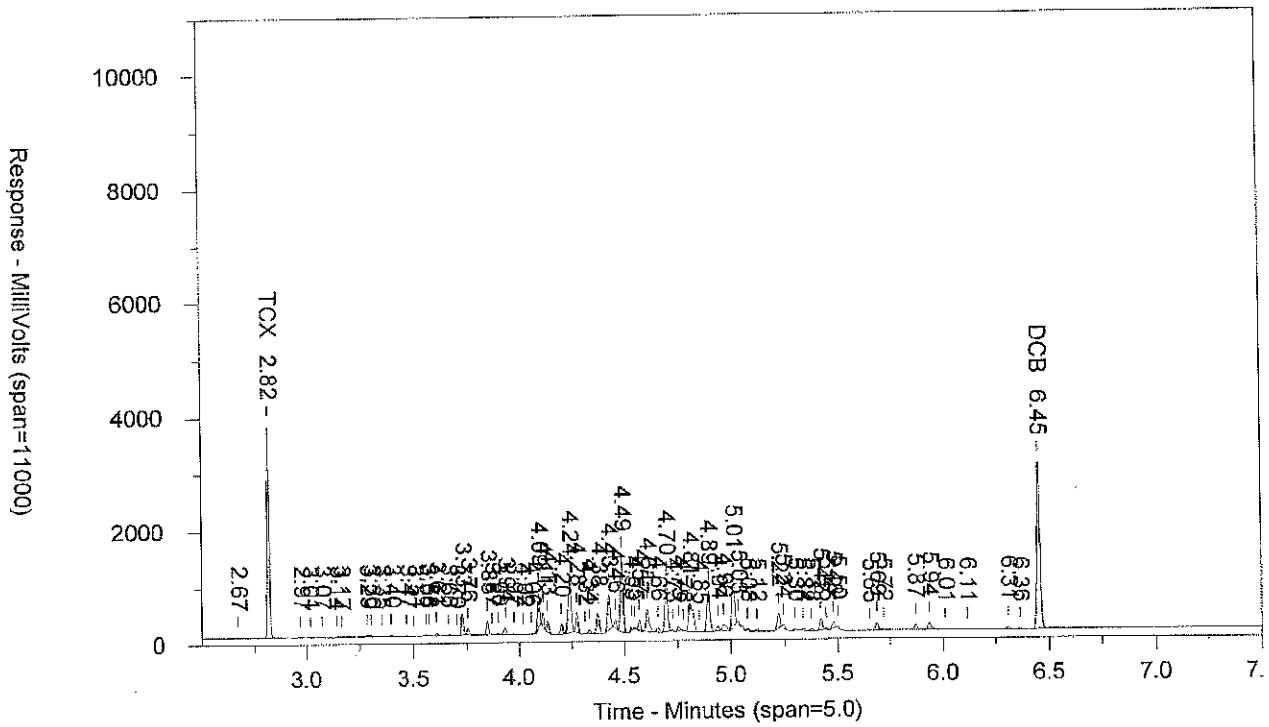

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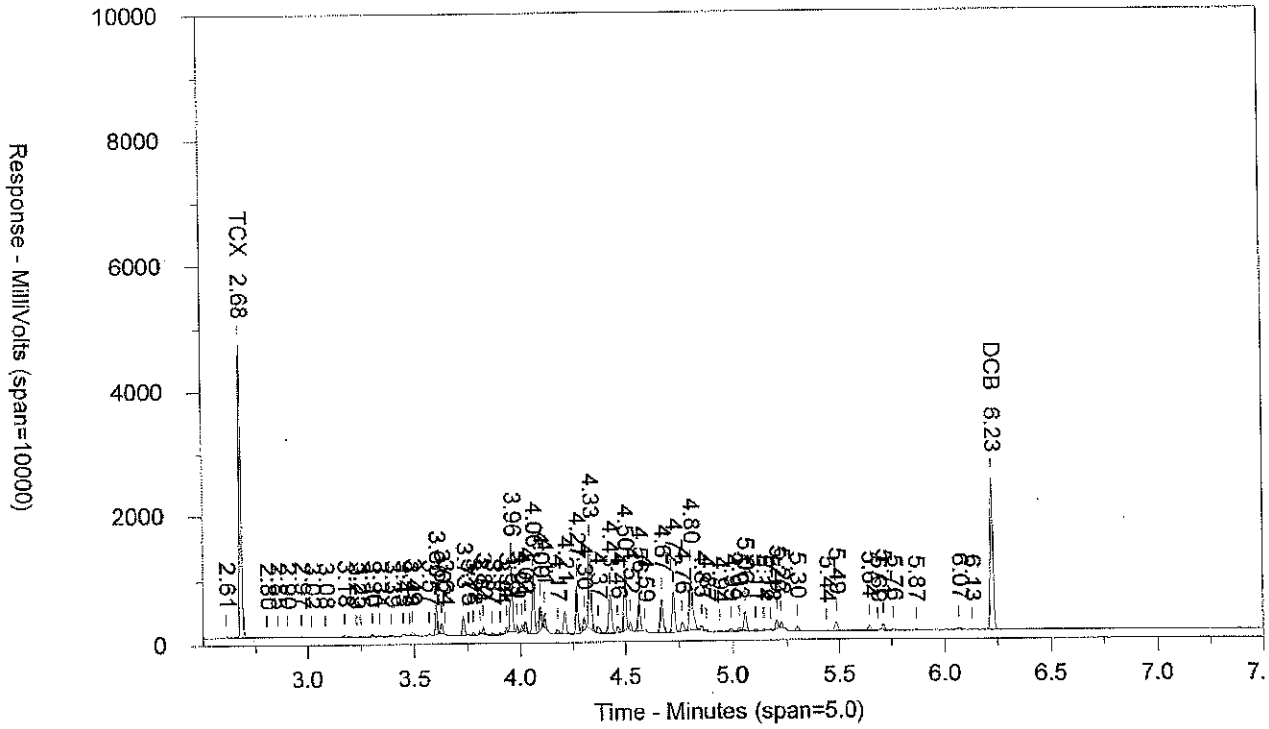

LANCASTER LABORATORIES

Sample Number: AR5441324A AAAR544AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 3:44:18 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.019.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.997		27288	74038
2.117		9738	9430
2.215		18094	19881
2.372		1705	1193
2.462		1286	1344
2.673		15804	13256
2.817	TCX	5410883	3483664
2.97		9054	7782
3.015		4866	2460
3.072		22884	17020
3.144		2090	1360
3.166		4555	3328
3.208		1983	1322
3.285		35171	20997
3.302		14802	9867
3.353		15578	12976
3.397		43641	31877
3.449		2135	1259
3.47		29520	20310
3.506		6601	3914
3.561		19883	18126
3.574		13138	12208
3.61		103329	78042
3.663		49365	37343
3.702		9832	6470
3.729		706447	508709
3.755		196426	194000
3.85		464522	335484
3.873		32435	18670
3.903		62042	41383
3.936		212006	218383
3.975		50588	40972
4.006		2793	1735
4.021		11336	6907
4.056		40475	31716
4.092		1215567	849715
4.111		463051	265733
4.135		359953	261185
4.201		332037	273322
4.243		1735918	1863906
4.276		674009	519369
4.316		21384	14391
4.337		114888	89309
4.378		640516	576534
4.428		1319361	1120077
4.459		303053	199848
4.489		2626620	2206263
4.535		104723	76422
4.548		29528	13515
4.57		349356	266240
4.609		775617	772140
4.658		165269	141663
4.698		1813247	1616219

RT A	Compound A	Height A	Area A
4.727		51088	31667
4.754		130466	106683
4.777		36274	20704
4.807		983618	1492271
4.854		29954	23787
4.894		1433007	1392983
4.938		152836	119515
4.964		175326	238923
5.011		1892636	1670983
5.035		88520	93892
5.077		56807	43277
5.12		72944	86163
5.221		525762	449241
5.243		75732	51588
5.299		73704	63206
5.338		70679	69130
5.379		50151	50415
5.422		375869	338603
5.448		52365	34451
5.481		216829	180666
5.5		34734	20644
5.654		1278	1304
5.687		243600	232288
5.718		41092	49746
5.873		121550	120057
5.936		159876	194642
6.011		4822	6224
6.113		13553	13219
6.157		1289	1056
6.279		1945	2235
6.31		52021	50766
6.367		6883	7469
6.453	DCB	4165277	4106908
6.525		2973	3956
6.753		1692	2708
8.362		2413	4443

LANCASTER LABORATORIES

Sample Number: AR5441324A AAAR544AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 3:44:18 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.019.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.935		1167	4170
1.971		21846	24892
2.061		28534	46658
2.111		11447	8615
2.366		1643	1828
2.428		2423	1722
2.493		1939	2782
2.539		2489	1895
2.61		38892	41226
2.682	TCX	6705334	4178251
2.728		3585	2340
2.803		3349	2733
2.855		15477	11040
2.902		8785	4495
2.916		4438	2288
2.969		32247	22903
3.018		3302	1808
3.083		6778	5149
3.177		59469	68686
3.229		3700	2123
3.251		21257	12980
3.302		54354	41590
3.336		38952	24744
3.393		37050	35199
3.447		50125	54214
3.478		13203	6227
3.492		84365	69855
3.568		62038	43145
3.6		846616	539051
3.624		288063	173462
3.641		22829	9537
3.729		540476	374183
3.754		40591	22708
3.776		78963	55449
3.808		74331	38182
3.824		179072	108004
3.868		65179	54474
3.907		52504	47549
3.936		179183	112626
3.959		2021348	1409811
3.985		197993	116220
4.006		170164	95785
4.024		306469	189531
4.061		1747358	1277192
4.094		667869	464244
4.114		423514	273707
4.175		142343	110358
4.211		670142	550887
4.27		1454813	1115108
4.304		377083	273893
4.332		2545072	1979121
4.371		184096	185623
4.427		1116061	1077210
4.463		179610	145564

4.497		1623036	1235991
4.522		237318	152276
4.565		946602	779008
4.593		56187	34572
4.67		999831	945229
4.723		1220147	1027224
4.764		280178	258432
4.804		1786399	1870733
4.853		133647	93995
4.875		49766	33099
4.939		25010	27611
4.994		95089	94035
5.032		101478	76871
5.057		558739	477430
5.107		85307	82781
5.143		59063	48053
5.176		33324	31262
5.204		265568	196923
5.225		159703	107987
5.244		28213	15567
5.301		110581	104662
5.418		1407	973
5.441		12341	10741
5.486		242559	255814
5.61		1863	1703
5.643		111235	98354
5.687		8458	5666
5.712		140630	122237
5.762		31591	28733
5.867		16596	18397
6.066		44583	39111
6.127		6887	9318
6.225	DCB	3448709	3110874
6.352		1541	2010

AR5441324A AAAR544AA ICAL 1312699999 SW-846 8082

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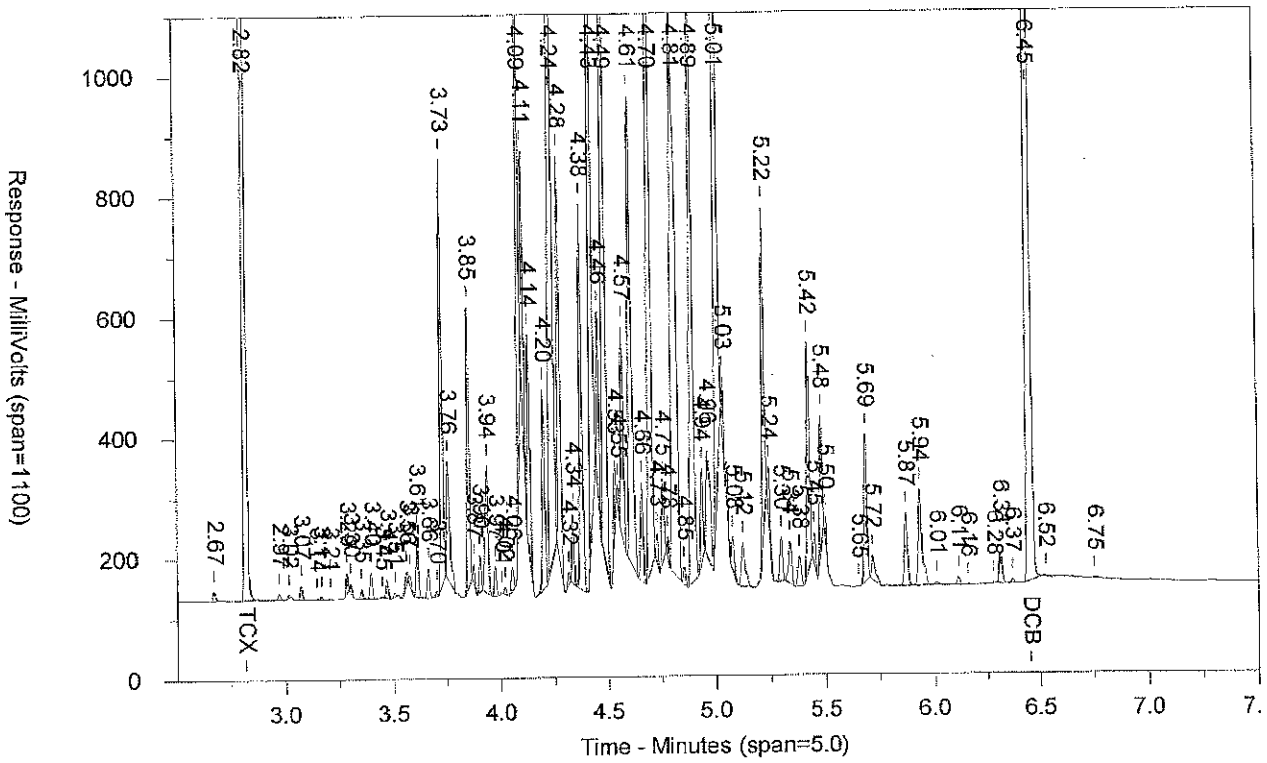

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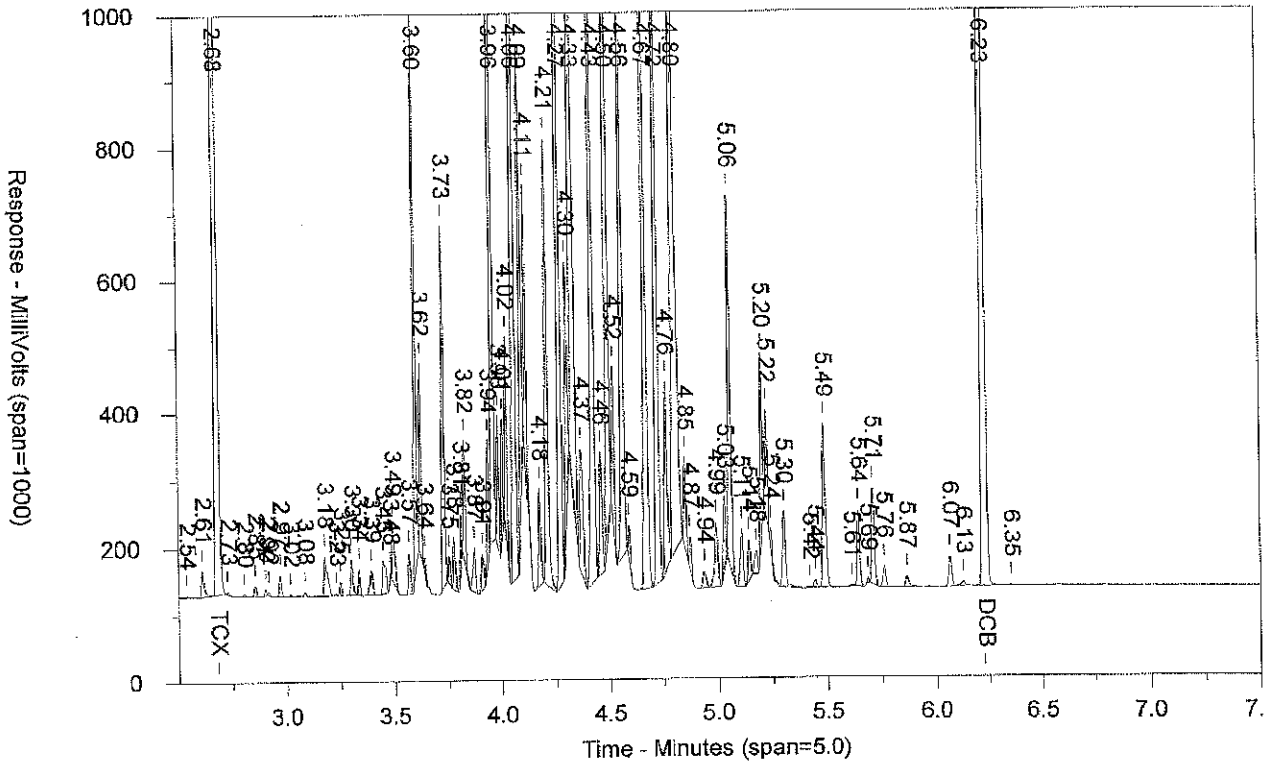

LANCASTER LABORATORIES

Sample Number: AR5441324A AAAR544AA ICAL 1312699999
Injected On: 5/7/2013 3:44:18 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	5410883	67.426	TCX	2.682	6705334	66.448	TCX
6.453	4165277	62.246	DCB	6.225	3448709	62.473	DCB

Files:
Area File: 1p7127.019.RAW
Area File: 1p7127B.019.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 3:53:00 PM
File Reported On: 5/7/2013 at 4:25:41 PM

AR5441324A AAAR544AA ICAL 1312699999 SW-846 8082

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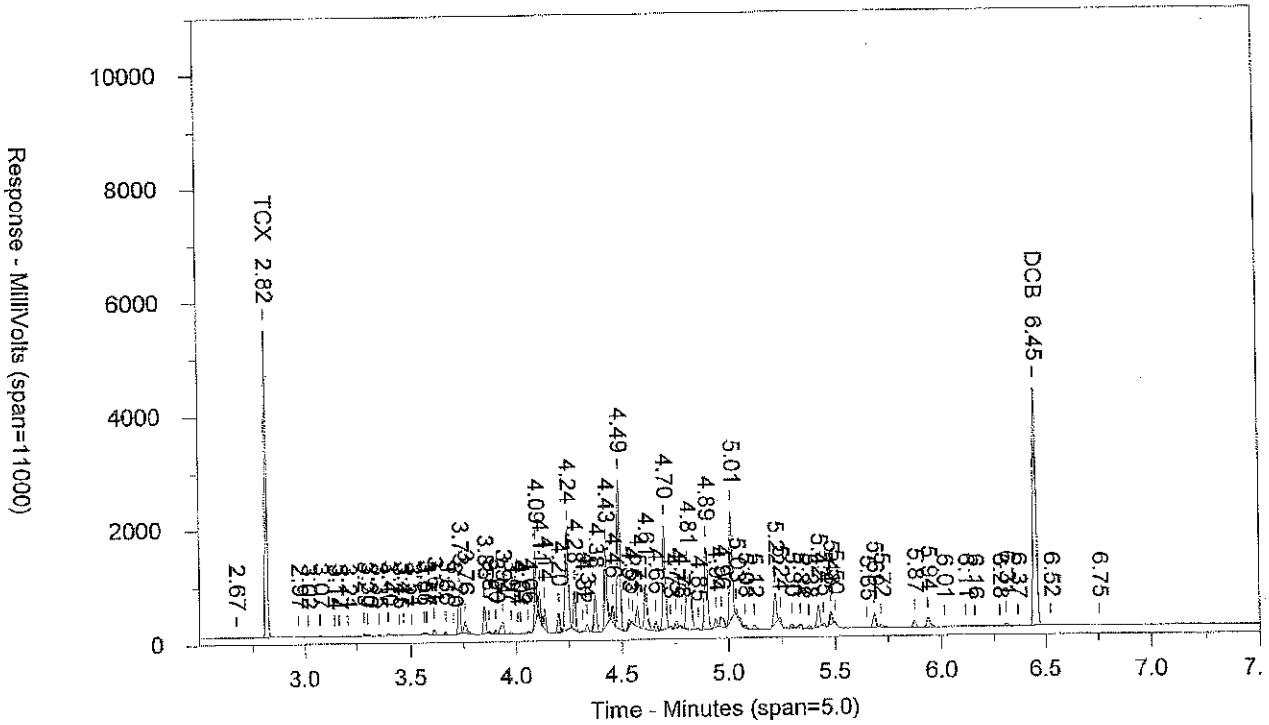

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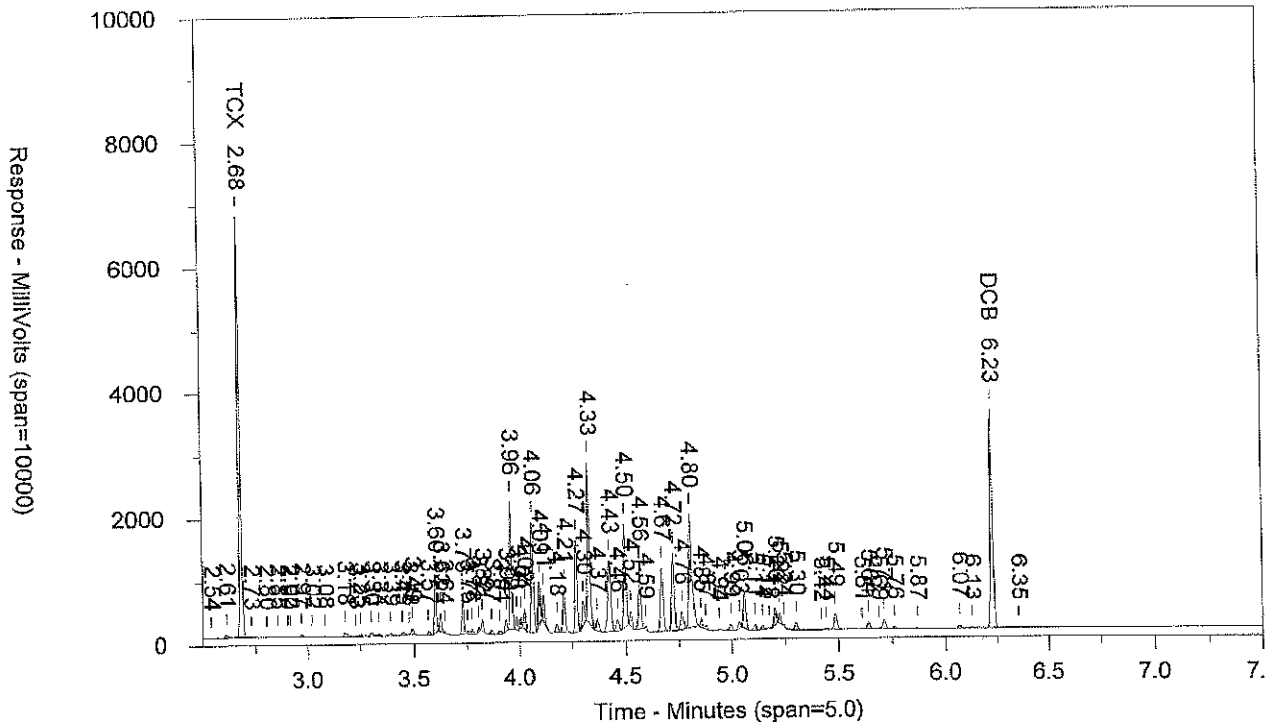

LANCASTER LABORATORIES

Sample Number: AR5451324A AAAR545AA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 3:55:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.020.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.937		1987	22688
1.996		11363	26215
2.052		3097	5101
2.117		11299	8120
2.215		22282	22455
2.321		1534	1523
2.462		2179	1871
2.673		9099	7250
2.756		1412	888
2.817	TCX	7296009	4712058
2.969		18020	15005
3.015		9853	12325
3.072		40567	30292
3.143		2493	1529
3.165		7923	5505
3.208		2371	1552
3.285		66895	39950
3.302		25765	17124
3.352		30914	25253
3.396		78743	57875
3.448		4453	2838
3.471		61879	42351
3.506		12352	6880
3.563		34566	17614
3.575		28058	23481
3.609		200496	150062
3.663		89801	68937
3.702		16935	10840
3.729		1363528	952857
3.756		358820	357677
3.85		841476	624286
3.873		55192	31467
3.903		112596	74694
3.936		397118	402226
3.975		93360	73614
4.005		5507	2929
4.021		20104	12420
4.056		72230	54587
4.092		2402908	1645239
4.111		920194	507737
4.135		678371	486687
4.201		627985	504122
4.243		3479147	3585664
4.275		1264196	975400
4.316		41663	27137
4.337		208174	163971
4.378		1300314	1087473
4.429		2565238	2180601
4.459		569885	371433
4.488		5329723	4325483
4.534		208552	143231
4.548		72914	30723
4.57		675577	507655

RT A	Compound A	Height A	Area A
4.609		1484061	1466080
4.658		296926	261940
4.698		3523493	3165731
4.726		81561	51577
4.755		236294	193734
4.776		67001	38871
4.806		1943418	2849691
4.853		51143	38967
4.894		2882838	2744749
4.939		287581	223486
4.964		293784	412041
5.011		3688300	3250586
5.034		155227	165091
5.076		99643	75898
5.119		133876	166487
5.22		1027155	846933
5.241		157865	101716
5.272		6429	3306
5.297		133007	120629
5.337		128908	122602
5.378		81064	78141
5.422		718147	645063
5.447		92760	65944
5.48		493949	630018
5.57		2131	3088
5.686		452523	429858
5.717		72622	79321
5.779		2341	2970
5.873		147820	148512
5.935		203333	253210
6.113		25435	24177
6.158		2000	2244
6.309		67472	68275
6.366		7133	7781
6.452	DCB	5692200	5580449
6.575		2401	1877
8.364		2115	3719

LANCASTER LABORATORIES

Sample Number: AR5451324A AAAR545AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 3:55:41 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.020.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.815		2641	2429
1.971		24974	26529
2.06		10705	18368
2.111		14639	10873
2.204		1777	1570
2.365		3209	2570
2.429		1909	1207
2.488		1533	2361
2.539		3132	2137
2.572		1627	964
2.61		18583	17343
2.682	TCX	8896445	5592557
2.728		6816	4546
2.804		4173	3058
2.855		28339	20016
2.902		11013	5363
2.917		9006	4609
2.969		59036	40494
3.019		4588	2786
3.083		11186	8431
3.178		111834	124435
3.229		6194	3513
3.251		40591	25480
3.302		102037	74338
3.336		81771	51561
3.382		11558	6095
3.395		10244	5667
3.448		93786	98987
3.479		22762	10720
3.493		159972	137030
3.568		115347	78930
3.6		1592346	992182
3.624		535109	318303
3.641		38674	15204
3.66		10646	5565
3.73		976230	688599
3.754		71367	39289
3.777		140062	99805
3.808		134561	71241
3.824		325148	194614
3.868		114907	97339
3.907		92021	85067
3.936		325561	201393
3.959		3972627	2679164
3.985		362175	212943
4.006		287920	158813
4.024		524433	333398
4.061		3330971	2399550
4.094		1260456	871010
4.115		811803	514982
4.175		240770	188620
4.211		1241160	1013976
4.27		2766228	2119588
4.304		705445	522899

4.332		4858330	3843345
4.371		331878	330658
4.427		2147838	2031933
4.463		331537	264121
4.496		3173193	2387423
4.522		418405	273090
4.565		1768928	1468469
4.593		100972	62273
4.67		1904059	1773139
4.724		2386553	1995225
4.764		512957	467573
4.804		3593420	3615055
4.853		244188	166072
4.875		88222	58043
4.939		45812	50814
4.994		171898	173243
5.031		170126	130363
5.058		1072152	896217
5.106		145388	139306
5.142		114183	91931
5.175		63893	61881
5.203		542396	389331
5.225		308802	202236
5.243		49645	27233
5.266		7334	4036
5.301		136654	128248
5.416		1831	1463
5.441		21043	17618
5.485		453971	465428
5.585		1634	1277
5.642		133292	121466
5.686		16263	11730
5.711		156490	137938
5.761		50479	46107
5.866		25440	21511
5.957		1197	1099
6.065		56480	49764
6.096		2070	1293
6.127		5464	5296
6.226	DCB	4747538	4196863

AR5451324A AAAR545AA ICAL 1312699999 SW-846 8082

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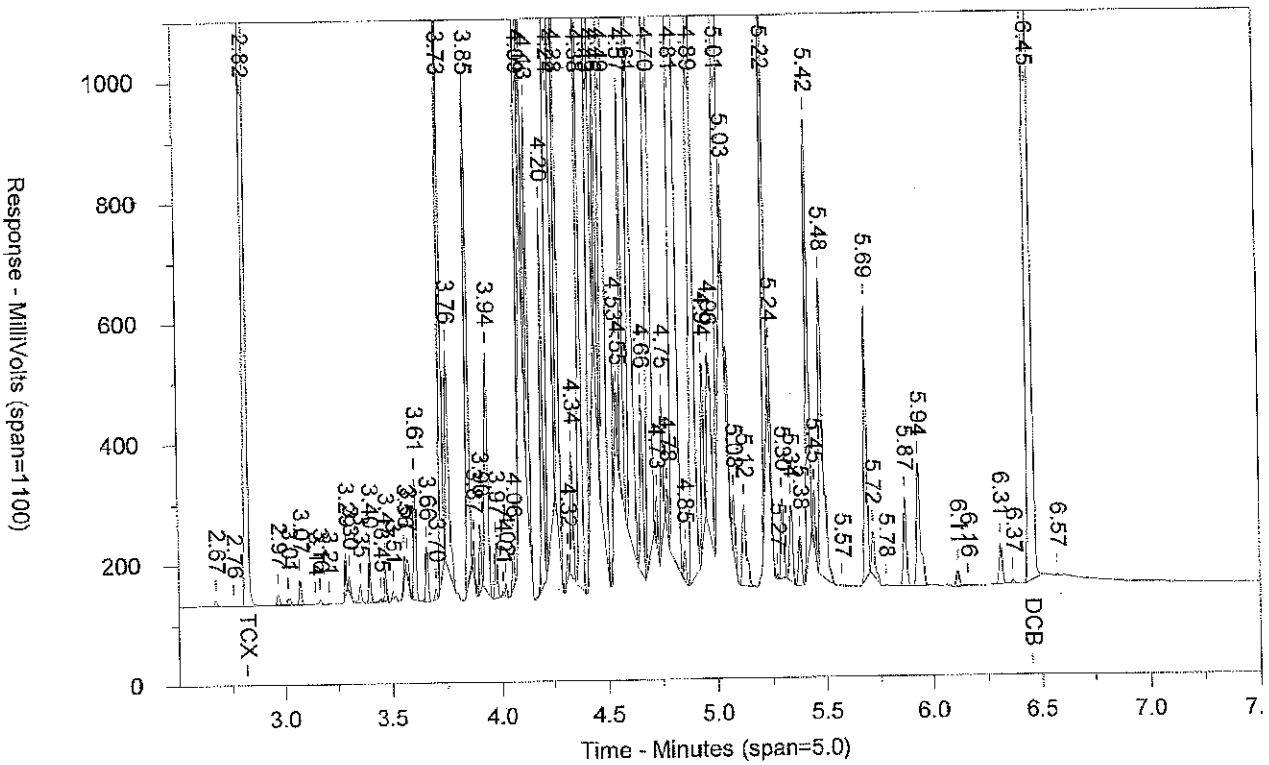

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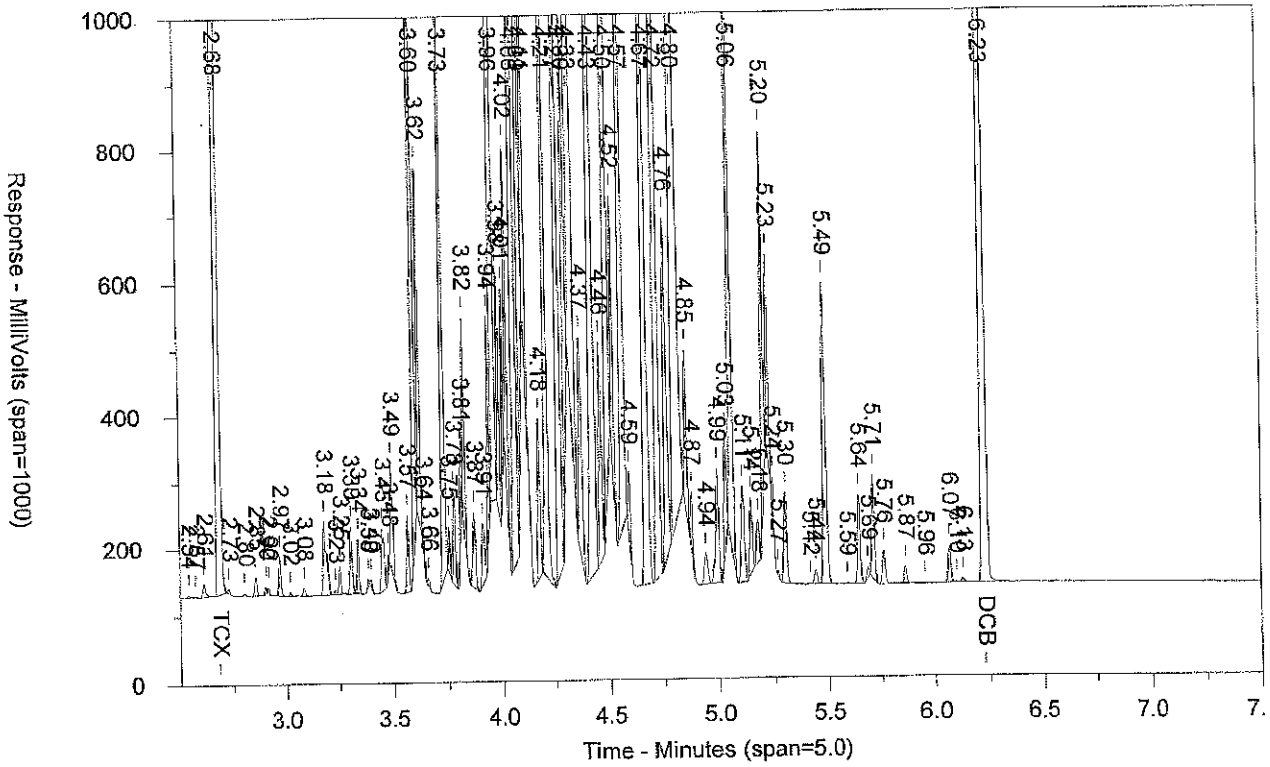

LANCASTER LABORATORIES

Sample Number: AR5451324A AAAR545AA ICAL 1312699999
Injected On: 5/7/2013 3:55:41 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	7296009	90.917	TCX	2.682	8896445	88.161	TCX
6.452	5692200	85.065	DCB	6.226	4747538	86.002	DCB

Files:
Area File: 1p7127.020.RAW
Area File: 1p7127B.020.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 4:04:25 PM
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AR5451324A AAAR545AA ICAL 1312699999 SW-846 8082

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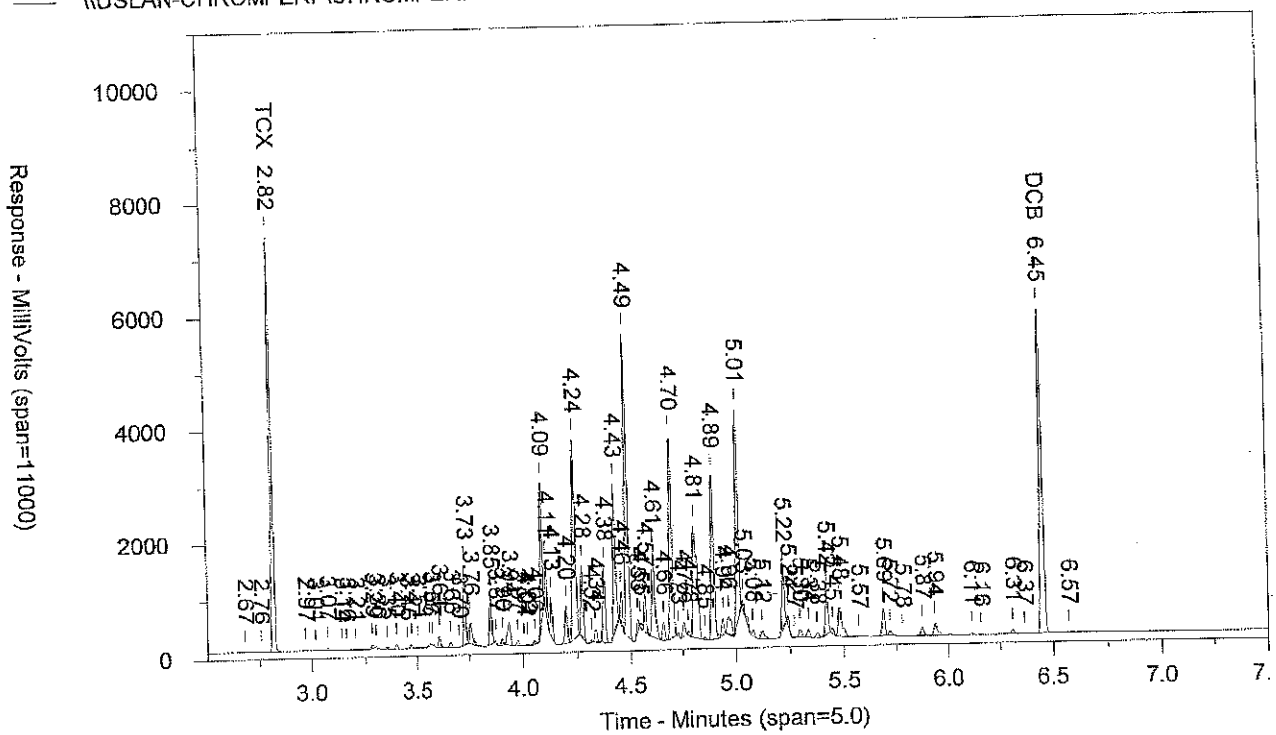

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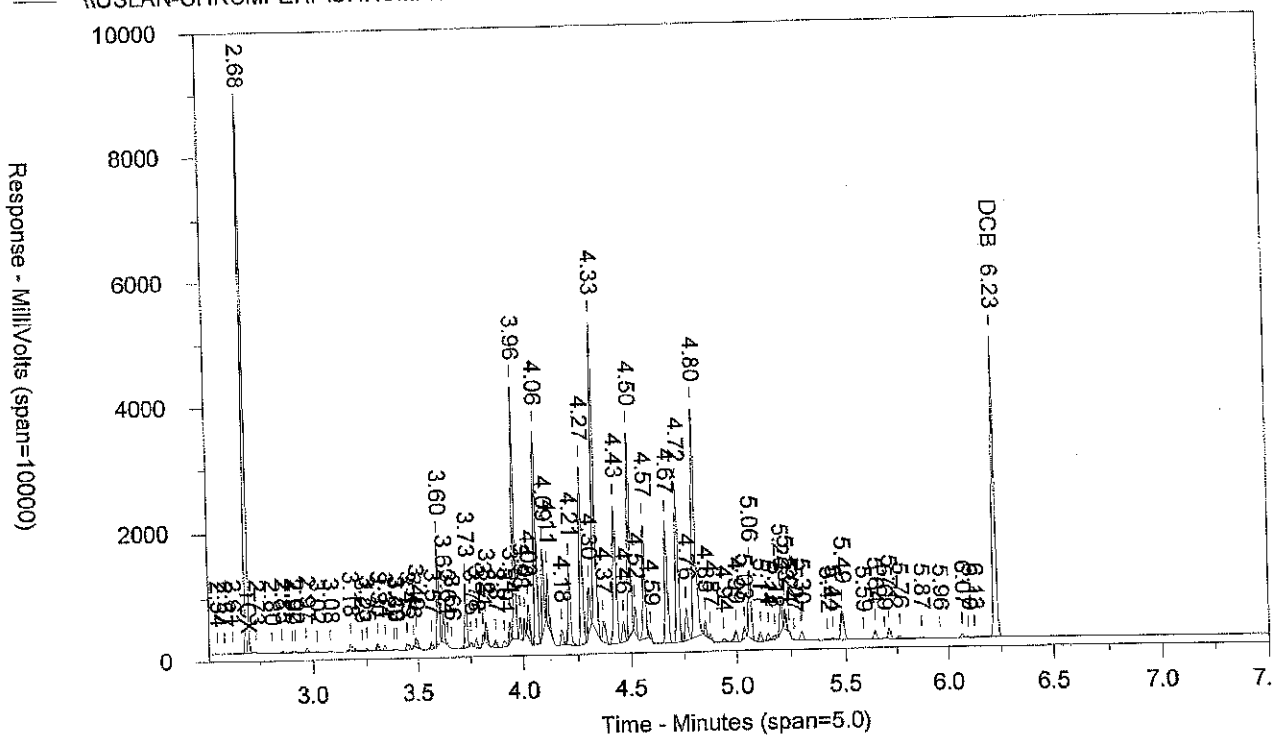

LANCASTER LABORATORIES

Sample Number: AR6231224C AAAR623AA ICAL 1312699999 Injection Volume:SWu846 8082
Injected On: 5/7/2013 4:07:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.021.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.938		4711	3699
1.998		25527	45666
2.215		24227	16546
2.542		1558	1228
2.673		12135	9708
2.754		1324	1870
2.819	TCX	1110	766
2.84		4384	3404
2.972		1397	1214
3.026		1973	1349
3.073		10178	7511
3.166		2305	1629
3.252		870	604
3.285		11020	6366
3.301		5334	3016
3.397		16299	12403
3.435		1192	1237
3.47		3382	2498
3.505		2494	1414
3.563		4747	2591
3.609		20970	16598
3.663		18525	14041
3.701		1993	1425
3.729		18165	12965
3.763		22010	24712
3.85		15212	11175
3.873		4581	2956
3.902		4263	2847
3.927		18273	22578
3.975		6011	4769
4.021		1582	1895
4.056		9478	6737
4.091		97098	74063
4.11		9245	4297
4.135		18809	15854
4.201		13450	17327
4.242		131817	126668
4.276		17731	13434
4.335		5878	6047
4.375		52560	56921
4.443		107786	126464
4.488		59304	50140
4.534		374675	366842
4.571		70610	46852
4.61		612694	558763
4.65		17720	16411
4.695		39923	46451
4.729		8707	6261
4.754		54228	51040
4.806		677480	764569
4.853		329413	306979
4.896		308056	377270
4.938		11302	7485

RT A	Compound A	Height A	Area A
4.976		33579	35227
5.01		592848	590627
5.035		9096	2967
5.052		10008	5226
5.076		917827	877546
5.12		424224	404162
5.214		141979	109607
5.24		808825	809385
5.298		319945	296191
5.321		10051	5609
5.337		92874	71881
5.38		38721	40046
5.424		157688	157031
5.48		1905401	2044374
5.684		1228340	1204322
5.74		562680	906235
5.873		59747	60772
5.956		283993	329637
6.008		3922	4224
6.113		659532	618155
6.158		39868	37136
6.31		258152	259304
6.366		6202	6468
6.453	DCB	6933	8117
6.522		2589	4805

LANCASTER LABORATORIES

Sample Number: AR6231224C AAAR623AA ICAL 1312699999 Injection Volume: 1 uEW-846 8082
Injected On: 5/7/2013 4:07:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.021.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.723		1236	1461
1.845		8349	15307
1.971		28041	20146
2.008		2524	2849
2.062		33580	78733
2.209		1317	1179
2.428		2401	1637
2.61		32019	38811
2.729		1746	1615
2.803		5524	4312
2.855		3087	2262
2.915		2374	1499
2.969		14226	9665
3.084		3172	2664
3.134		1847	2307
3.177		18424	20474
3.229		1840	1038
3.25		3582	2353
3.301		20564	15589
3.336		4733	2962
3.395		10809	11346
3.447		8354	3693
3.457		13743	6332
3.492		21017	22258
3.567		22774	15575
3.599		22428	13740
3.624		32313	20152
3.643		4475	4362
3.729		22229	17525
3.755		3075	1739
3.775		6284	4209
3.808		18485	10951
3.824		8248	4062
3.868		8702	7133
3.906		19057	18545
3.959		130046	107366
3.985		11325	6512
4.006		7820	4430
4.023		11558	7040
4.06		137104	103862
4.095		23687	17414
4.114		15747	10799
4.174		9110	9367
4.201		42557	62421
4.27		37110	30659
4.315		82215	56543
4.345		361957	280061
4.373		105785	105948
4.426		638658	539911
4.468		21155	17580
4.496		24726	16726
4.521		102711	79026
4.565		680186	592338
4.673		711696	651115

4.728		133890	122326
4.767		203707	176561
4.803		429680	383183
4.836		866887	743474
4.876		394799	341496
4.939		3120	2911
4.978		201301	180411
5.031		898908	802440
5.106		388275	410404
5.142		123911	97056
5.17		102593	89574
5.225		1751471	1606660
5.266		24260	18615
5.301		132452	122563
5.417		30320	19397
5.441		683492	602265
5.489		1214836	1221193
5.608		1165	1001
5.643		55469	49408
5.685		9082	6660
5.71		31133	25188
5.761		253384	239036
5.866		610648	538874
5.897		28863	21172
6.066		215816	203425
6.126		5004	5466
6.225	DCB	7287	6488
6.401		1573	1774
8.467		1387	2246

AR6231224C AAAR623AA ICAL 1312699999 SW-846 8082

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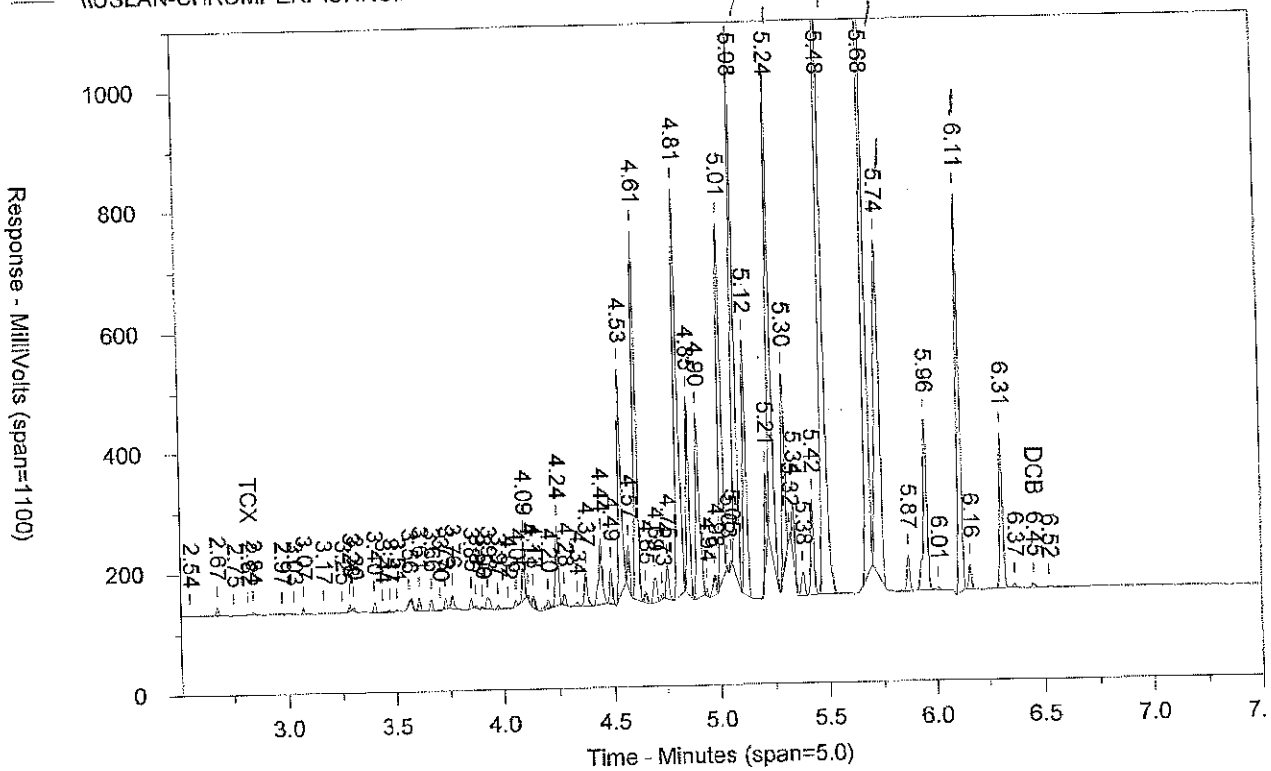

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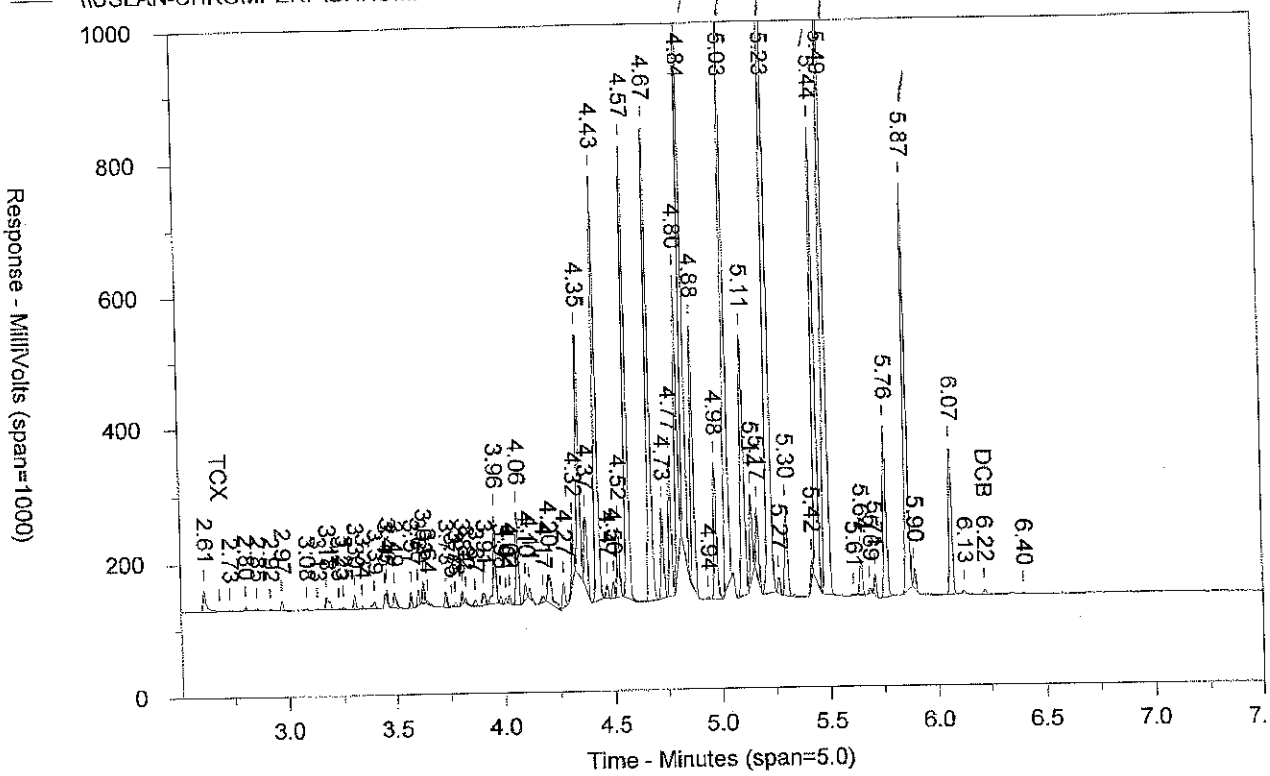

LANCASTER LABORATORIES

Sample Number: AR6231224C AAAR623AA ICAL 1312699999
Injected On: 5/7/2013 4:07:09 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.819	1110	.014	TCX		0		TCX
6.453	6933	.104	DCB	6.225	7287	.132	DCB

Files:
Area File: 1p7127.021.RAW
Area File: 1p7127B.021.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 4:15:51 PM
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AR6231224C AAAR623AA ICAL 1312699999 SW-846 8082

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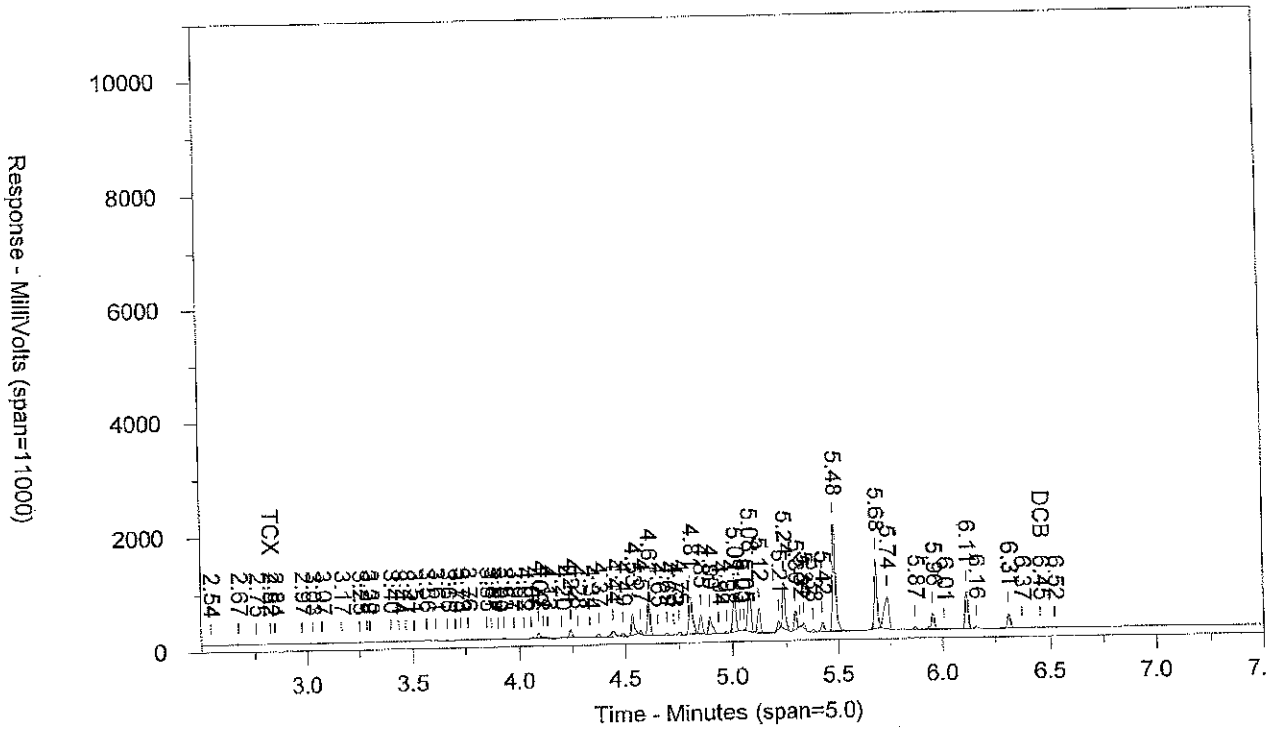

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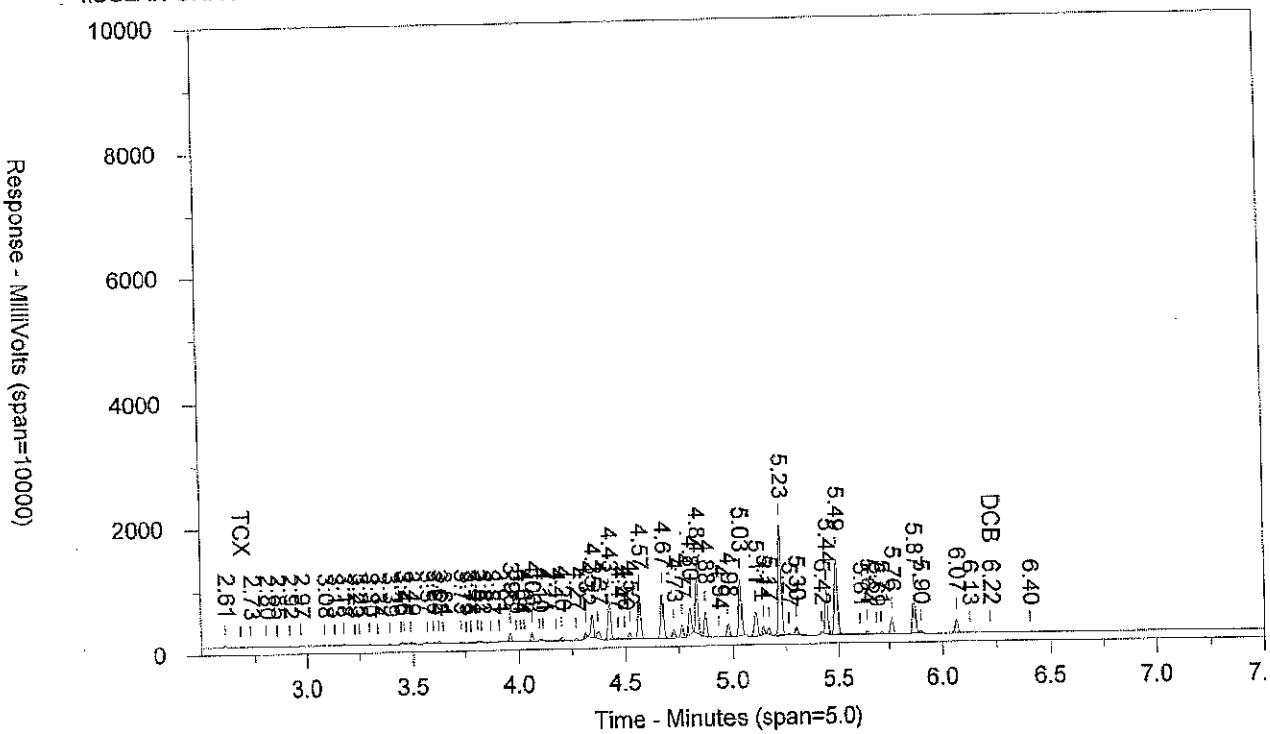

LANCASTER LABORATORIES

Sample Number: AR6831324A AAAR683AA ICAL 1312699999 Injection Volume SW-846 8082
Injected On: 5/7/2013 4:18:25 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.022.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.938		3575	2666
1.996		22296	40337
2.214		25851	17983
2.672		13897	13965
2.754		1397	1713
2.841		4227	4536
3.071		4218	3219
3.165		1671	1514
3.284		2101	1134
3.397		9122	6800
3.469		1989	1600
3.56		2303	2203
3.61		12474	10094
3.662		9204	6952
3.701		3319	2233
3.729		6285	4731
3.762		6687	7379
3.791		2214	2774
3.85		6819	4768
3.872		3109	1941
3.901		1981	1245
3.925		15552	17836
3.975		9502	7496
4.055		2742	1675
4.083		13229	17574
4.11		13668	8888
4.134		10760	9358
4.189		3559	7209
4.236		27964	29740
4.331		7728	8027
4.372		48896	48587
4.427		15423	20717
4.488		5112	4118
4.534		4172	3007
4.57		21756	16929
4.609		20060	17686
4.648		37422	35138
4.69		21084	20646
4.727		63897	62684
4.771		9320	9876
4.82		23880	26216
4.852		50407	47165
4.894		6836	5320
4.911		7856	5468
4.937		2707	1658
4.964		26067	24598
5.008		23787	23111
5.051		34723	24911
5.076		343674	319244
5.119		45764	43949
5.214		24119	17960
5.254		424509	565575
5.298		14366	9644

RT A	Compound A	Height A	Area A
5.32		138113	140705
5.377		57039	59769
5.423		13161	13137
5.479		143127	106129
5.498		109590	77504
5.588		1360	2223
5.683		2276595	2165402
5.741		1863582	2044430
5.871		1709679	1684699
5.935		465531	574043
6.05		3882	11295
6.111		679767	673370
6.156		4370	3550
6.187		2832	2556
6.308		5368162	5106097
6.363		3980	3558
6.45	DCB	1045941	1056102
6.52		4246	4167
6.753		3351	3541
8.36		2261	4564

LANCASTER LABORATORIES

Sample Number: AR6831324A AAAR683AA ICAL 1312699999 Injection Volume: 1 SW-846 8082
Injected On: 5/7/2013 4:18:25 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.022.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.587		1080	1000
1.724		1473	1671
1.846		6074	9241
1.936		1967	4382
1.971		30434	21220
2.009		2742	2516
2.061		28981	69666
2.209		1589	1101
2.428		1843	1375
2.476		1706	2040
2.572		1290	1166
2.61		35993	43830
2.804		4887	4560
2.97		5914	4019
3.084		2278	1799
3.178		4532	6084
3.251		2853	2437
3.303		11548	8929
3.335		2103	1235
3.392		5783	5148
3.456		7063	7999
3.5		11579	14572
3.568		11453	7923
3.599		6514	3845
3.623		11055	7878
3.659		5465	4020
3.729		11098	9596
3.757		1772	1038
3.775		3315	2028
3.807		16817	10290
3.868		12207	8752
3.913		17413	14209
3.943		9231	6855
3.961		16399	11253
3.984		8993	5226
4.006		3364	1932
4.06		3851	3770
4.099		6663	3740
4.114		17298	13109
4.18		4273	3806
4.2		44844	39851
4.243		13363	7834
4.27		11019	10893
4.314		5187	5366
4.332		2128	1008
4.371		5356	5655
4.428		43371	46548
4.467		42785	35397
4.521		14349	9185
4.542		48552	45392
4.672		78309	80918
4.726		25675	24244
4.775		27048	32821
4.804		9707	7505

4.835		360451	353331
4.875		36908	26474
4.94		2551	2639
4.978		35861	31683
5.029		554977	508057
5.057		17330	11460
5.097		160008	169258
5.142		17071	15116
5.177		42233	35128
5.224		215424	195385
5.301		189101	172921
5.381		1330	1023
5.417		18510	11452
5.441		1981990	1733042
5.489		1955832	1753486
5.642		1594231	1423161
5.711		405777	370103
5.76		102544	97081
5.866		656633	584701
5.991		3499	4082
6.066		4506286	3992023
6.126		3765	3274
6.224	DCB	875471	807131
6.402		3795	3374
6.559		3030	2689

AR6831324A AAAR683AA ICAL 1312699999 SW-846 8082

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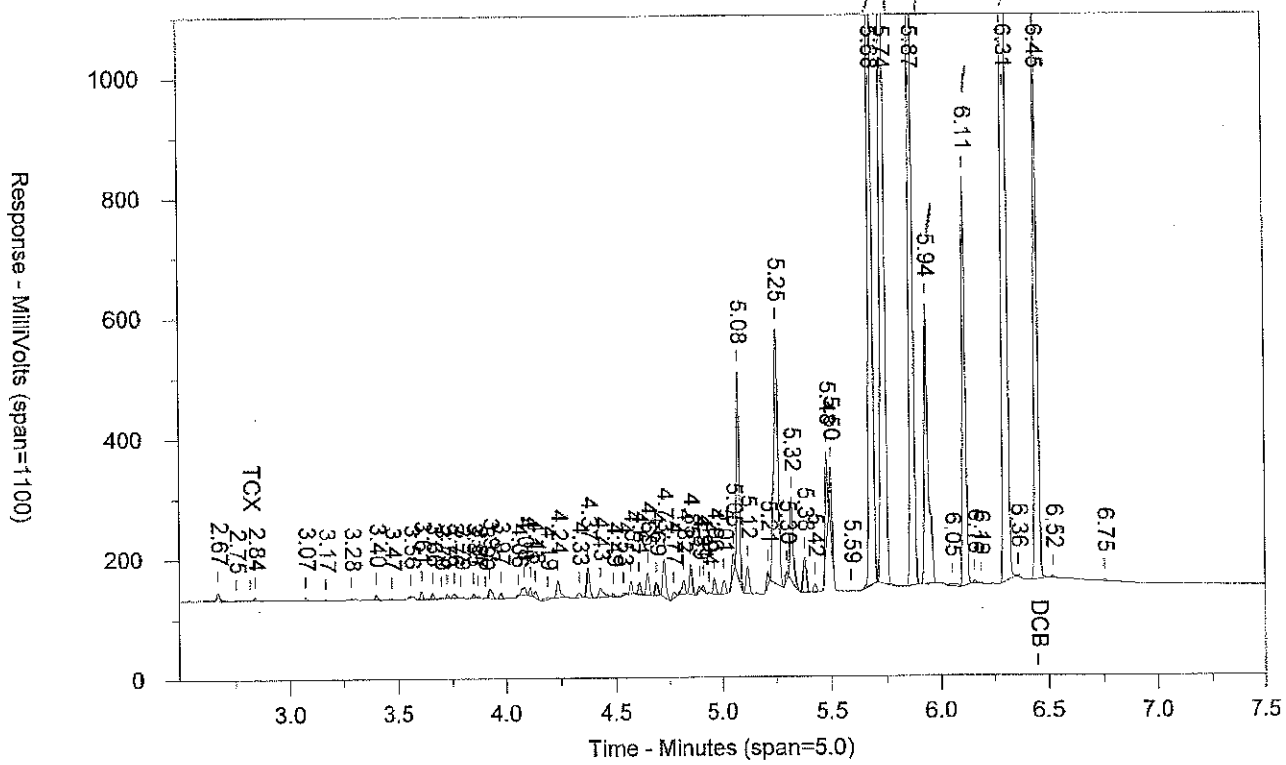

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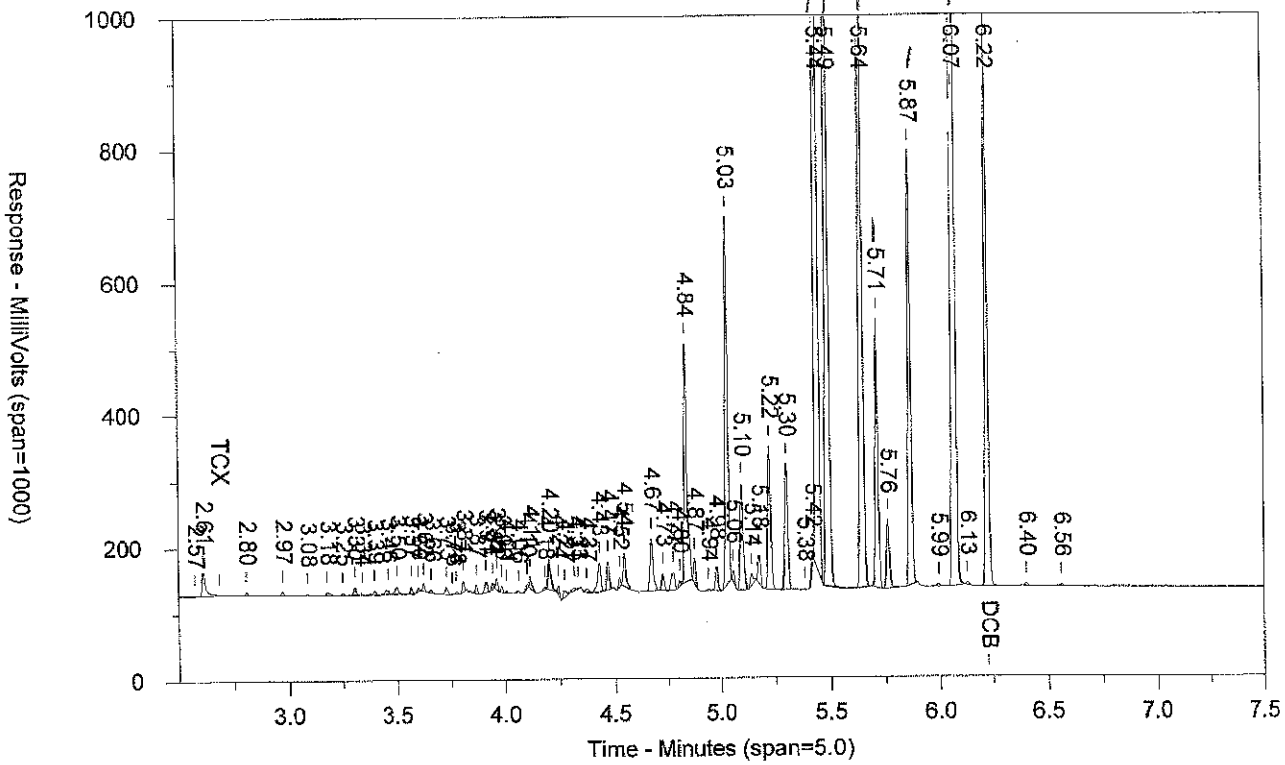

LANCASTER LABORATORIES

Sample Number: AR6831324A AAAR683AA ICAL 1312699999
Injected On: 5/7/2013 4:18:25 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight:SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
6.45	1045941	15.631	DCB	6.224	875471	15.859	DCB

Files:
Area File: 1p7127.022.RAW
Area File: 1p7127B.022.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 4:27:09 PM
File Reported On: 5/7/2013 at 4:49:52 PM

AR6831324A AAAR683AA ICAL 1312699999 SW-846 8082

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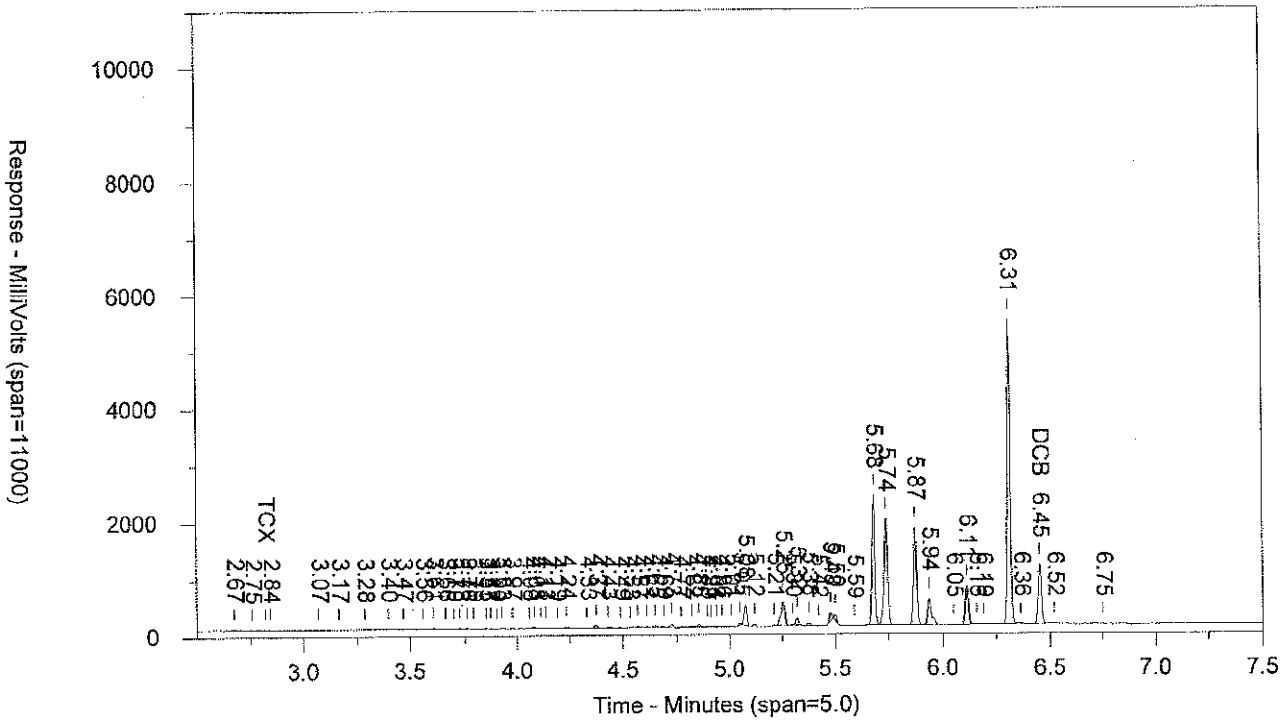

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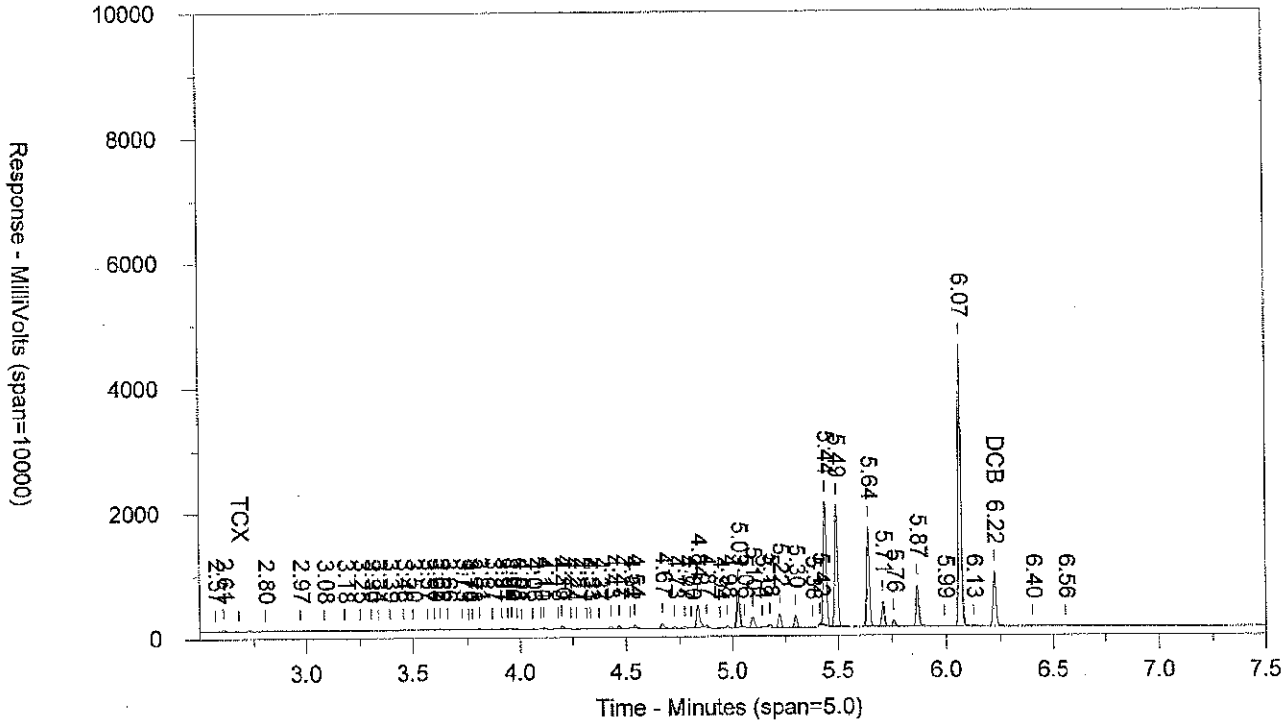

LANCASTER LABORATORIES

Sample Number: AR2131224C AAAR213AA ICAL 1312699999 Injection Volume SW-846 8082
Injected On: 5/7/2013 4:29:50 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.023.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.891		5317	5646
1.997		20606	57066
2.117		6891	6647
2.215		39902	31554
2.339		3286	2424
2.46		110062	77444
2.672		13223	9970
2.736		36277	27168
2.817	TCX	3367472	2175495
2.969		131140	105833
3.025		106300	73914
3.072		356948	250470
3.143		1331	1002
3.164		3337	2180
3.284		19031	10636
3.307		15670	20559
3.367		44877	31014
3.397		27803	19366
3.435		3013	3112
3.469		2816	2019
3.506		6007	3229
3.519		5960	3023
3.573		44769	51207
3.608		36949	28128
3.664		24486	17463
3.702		1551	1122
3.729		10789	7980
3.754		5581	5253
3.85		10149	7282
3.873		2509	1770
3.902		2247	1389
3.938		15809	15586
3.974		3945	3110
4.059		3474	3456
4.091		13238	9331
4.111		10030	6553
4.133		10053	8846
4.2		4566	9696
4.24		19093	21441
4.273		6623	5648
4.333		2557	2531
4.378		12710	15104
4.428		12956	12431
4.488		19134	16057
4.534		1724	1823
4.57		6037	4912
4.608		7002	6986
4.652		1916	1940
4.697		10269	10329
4.728		30662	33669
4.772		8225	8373
4.807		2560	1898
4.854		5016	4614

RT A	Compound A	Height A	Area A
4.893		5639	4116
4.911		5910	3835
4.965		38944	37589
5.01		10122	9429
5.053		2040	1479
5.084		3737	5181
5.221		2543	2060
5.242		2217	3123
5.298		2314	1800
5.323		7064	11610
5.379		30478	31472
5.422		4654	5571
5.5		76108	75866
5.654		2704	2589
5.684		4502	4396
5.731		6255	8411
5.872		80803	80927
5.937		103355	122469
6.006		3104	4001
6.31		35408	36296
6.365		6249	6502
6.451	DCB	2569650	2665644
8.355		1801	3396

LANCASTER LABORATORIES

Sample Number: AR2131224C AAAR213AA ICAL 1312699999 Injection Volume: 1 SW-846 8082
Injected On: 5/7/2013 4:29:50 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.023.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.591		1395	1532
1.726		1039	1356
1.841		4884	4056
1.925		1943	2362
1.971		44120	34778
2.062		21012	35720
2.111		7153	5618
2.205		5899	5360
2.362		148539	104552
2.478		1849	2519
2.539		5771	4511
2.571		2092	1130
2.61		29713	23527
2.637		44720	27160
2.681	TCX	4274570	2649294
2.726		54190	46156
2.804		4843	4048
2.854		203432	140525
2.916		144728	97269
2.969		486543	317723
3.019		2026	1144
3.082		4611	3108
3.135		3535	2776
3.177		18533	9703
3.189		3803	1180
3.219		17901	13368
3.25		4775	2815
3.275		62586	38081
3.301		33347	23408
3.335		3480	2062
3.381		8109	4069
3.397		13930	7839
3.457		57905	58798
3.492		39115	34234
3.566		31496	20118
3.599		14878	9283
3.623		9453	5924
3.645		5549	5715
3.729		14979	12069
3.775		4848	4983
3.808		3834	2018
3.824		14346	10072
3.868		4379	2826
3.906		4882	5205
3.935		4614	2909
3.959		27394	19252
3.984		8212	4969
4.006		1865	994
4.023		2939	1803
4.06		17956	13430
4.095		10067	7199
4.114		7814	6398
4.173		5773	7351
4.211		3929	2482

4.27		16188	13402
4.314		2038	2726
4.332		19710	14496
4.372		2004	2122
4.428		11824	10237
4.496		11635	8236
4.522		2972	1687
4.542		20697	15673
4.67		11265	8315
4.69		5695	3604
4.728		15402	17064
4.778		37494	31028
4.803		8692	6507
4.852		2344	1558
4.942		1555	1359
5.032		6609	5704
5.057		4019	2932
5.098		12317	13240
5.157		4556	5308
5.179		22582	17584
5.225		2343	1906
5.301		71264	63823
5.441		3057	3035
5.489		7175	8827
5.642		75583	67573
5.711		98032	87958
5.761		17072	15407
5.868		1594	1569
6.066		28897	25828
6.126		4820	4745
6.225	DCB	2262648	2016302

AR2131224C AAAR213AA ICAL 1312699999 SW-846 8082

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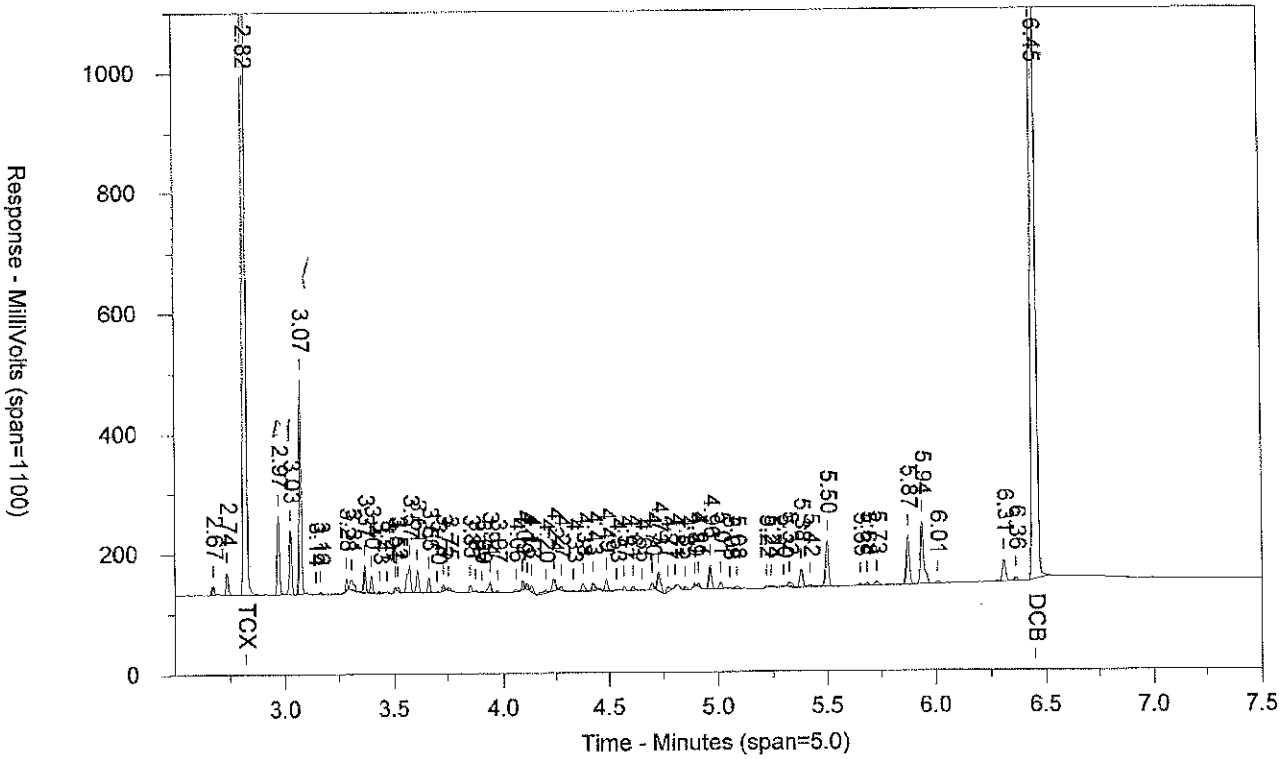

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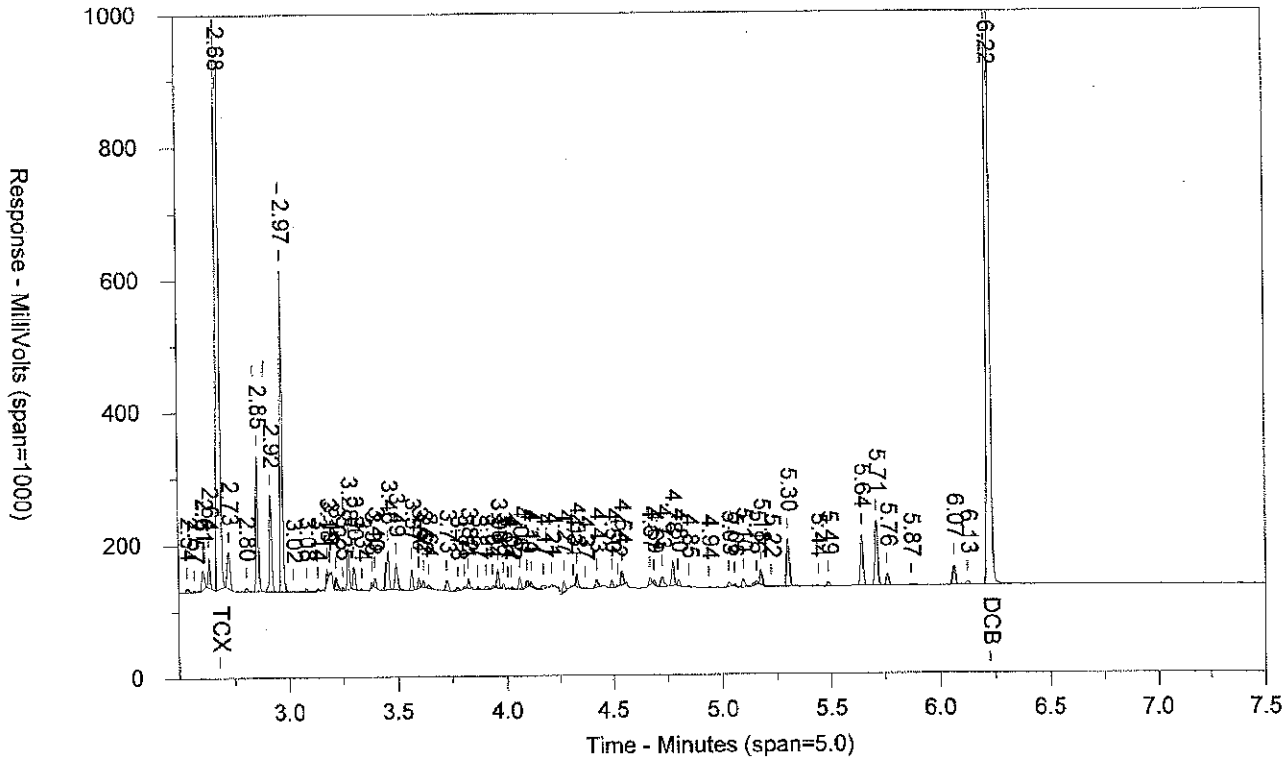

LANCASTER LABORATORIES

Sample Number: AR2131224C AAAR213AA ICAL 1312699999
Injected On: 5/7/2013 4:29:50 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight:SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3367472	41.963	TCX	2.681	4274570	42.36	TCX
6.451	2569650	38.401	DCB	6.225	2262648	40.988	DCB

Files:
Area File: 1p7127.023.RAW
Area File: 1p7127B.023.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 4:38:36 PM
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AR2131224C AAAR213AA ICAL 1312699999 SW-846 8082

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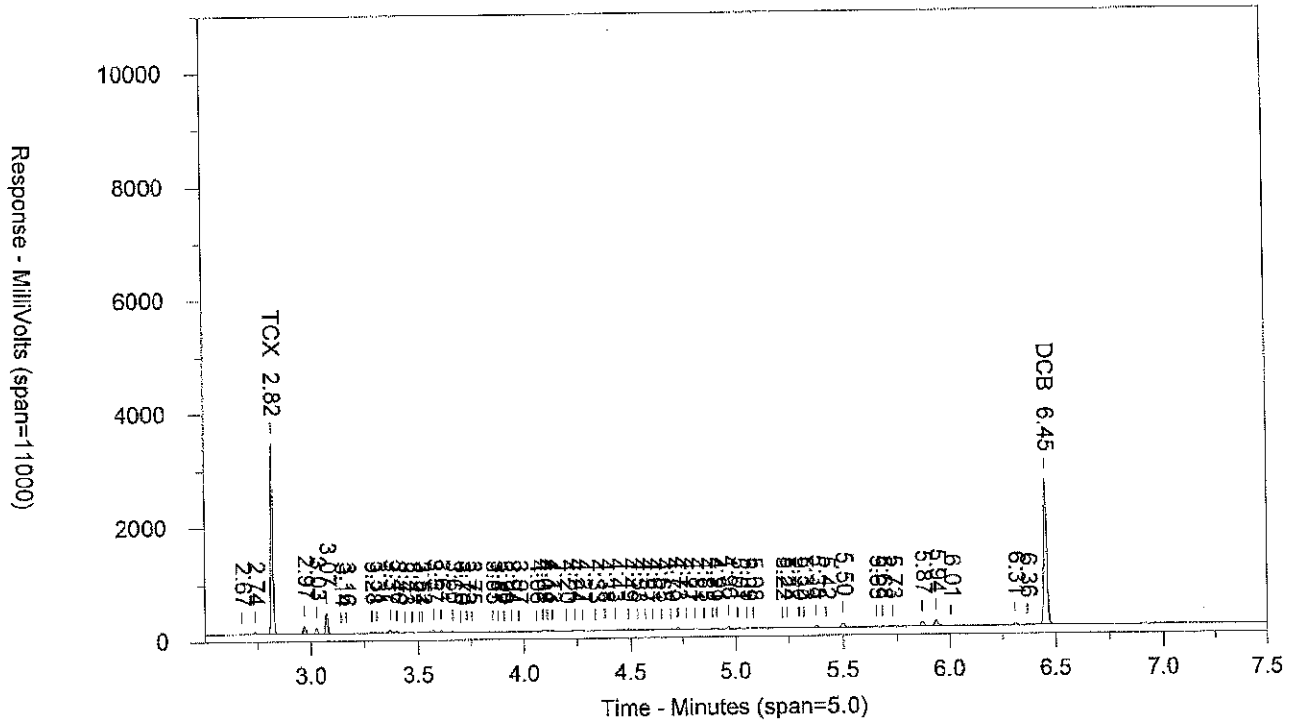

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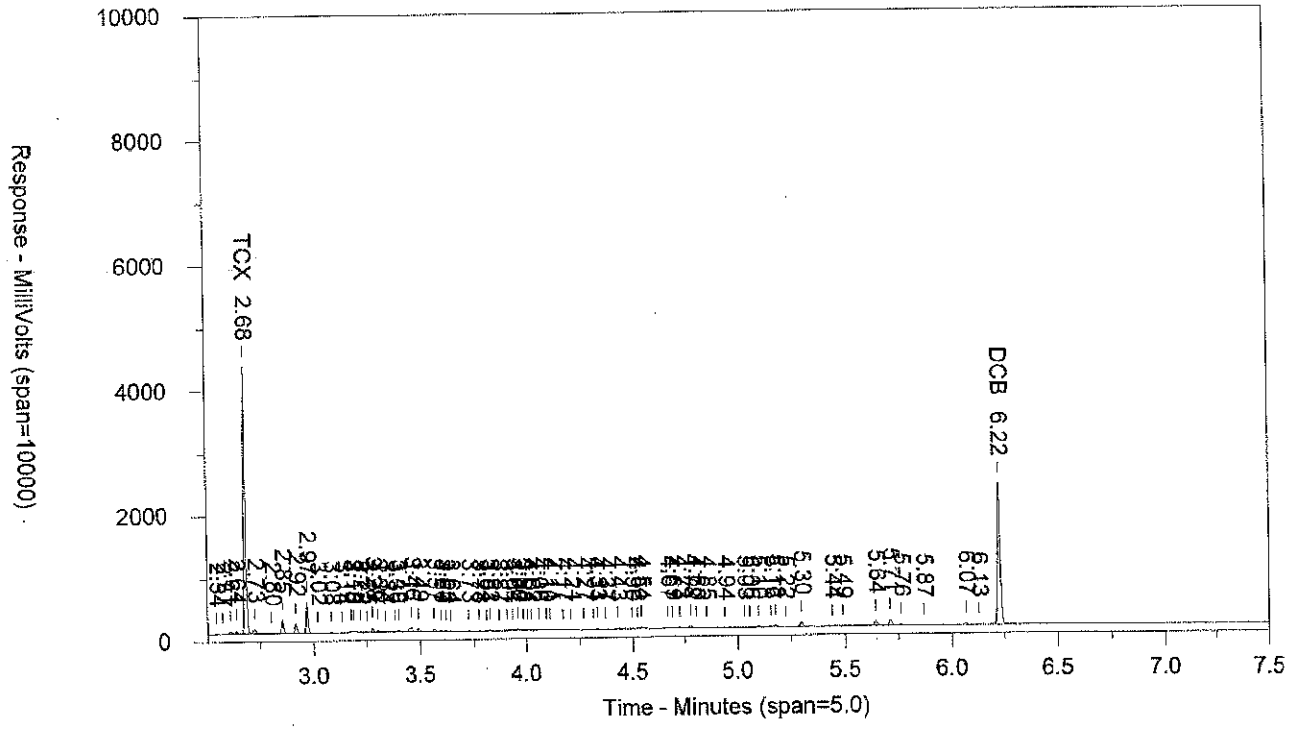

LANCASTER LABORATORIES

Sample Number: AR32X1324A AAAR32XAA ICAL 1312699999 Injection Volume: SW846 8082
Injected On: 5/7/2013 4:41:10 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.024.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.636		1288	1504
1.89		9102	32236
1.997		17950	56511
2.117		6907	8876
2.215		35370	28038
2.34		3885	2985
2.372		6454	3929
2.416		2040	1183
2.46		67218	46805
2.65		2935	1727
2.673		12955	9861
2.736		23258	18126
2.817	TCX	3244271	2107114
2.969		102976	82231
3.025		86606	60545
3.072		319036	224032
3.164		17670	13075
3.209		6861	4778
3.284		137633	80615
3.301		64156	34984
3.337		14543	7683
3.351		3442	1241
3.366		31698	19044
3.397		172857	125443
3.433		4532	4539
3.469		10166	6608
3.505		35224	19508
3.519		17808	8719
3.563		62143	38645
3.572		165644	81289
3.607		219234	159440
3.663		173854	125667
3.701		14586	10178
3.729		104808	74530
3.756		84530	67501
3.777		23892	13155
3.849		128753	90114
3.872		45554	27988
3.902		49478	34215
3.937		135063	136358
3.974		48539	39233
4.02		8718	6945
4.059		14210	11923
4.09		87334	59927
4.111		118506	74805
4.133		137332	101264
4.189		8951	14269
4.235		102440	80255
4.256		45334	26648
4.275		10363	5913
4.336		5603	6700
4.377		28278	29709
4.428		33781	29169

RT A	Compound A	Height A	Area A
4.458		16901	11926
4.488		49480	42297
4.532		1753	1351
4.57		29928	26754
4.609		7001	7345
4.657		5174	5196
4.697		31511	29451
4.728		33859	34549
4.77		9202	9903
4.805		2636	1771
4.853		5262	4789
4.893		35413	42602
4.965		40221	40351
5.01		10325	9498
5.051		2204	1580
5.08		5349	7526
5.12		1465	1194
5.219		2375	1708
5.24		3483	3580
5.299		3069	2592
5.323		2400	1597
5.377		35384	34234
5.421		5577	6531
5.5		73786	79344
5.685		7360	7547
5.728		6955	9929
5.872		76574	77066
5.936		100058	119884
6.012		3167	4016
6.113		1712	1912
6.273		1301	1137
6.308		31617	32297
6.367		6123	6680
6.451	DCB	2516336	2569730
8.36		1709	3046

LANCASTER LABORATORIES

Sample Number: AR32X1324A AAAR32XAA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 4:41:10 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.024.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.595		2094	2406
1.84		6411	7073
1.928		1703	3026
1.971		39467	31536
2.06		16580	28924
2.112		7162	5278
2.205		7165	7255
2.363		94311	64893
2.428		8054	4583
2.489		2680	3387
2.54		6724	5565
2.571		1901	1089
2.61		29710	23892
2.637		26590	15520
2.682	TCX	4153717	2568031
2.727		47385	39623
2.804		1782	1492
2.854		164904	113225
2.916		117874	79863
2.969		433285	285472
3.019		2176	1383
3.082		24717	16776
3.134		4521	3631
3.177		219299	238534
3.229		27763	22437
3.25		15170	8597
3.275		48084	29886
3.301		207516	152196
3.335		13132	7926
3.381		50220	26331
3.397		33883	17605
3.448		83576	43182
3.457		188908	90179
3.492		228797	187261
3.566		213313	142718
3.599		124013	77765
3.623		136160	80250
3.641		45651	24668
3.73		166229	122763
3.754		55651	32718
3.776		62445	39230
3.808		33142	17524
3.824		143887	90892
3.868		58420	46635
3.913		13615	12199
3.935		96270	63406
3.959		184243	126800
3.984		166834	111321
4.023		5846	3089
4.06		39652	35969
4.098		102784	73679
4.127		75530	50514
4.175		9949	10956
4.21		22863	21179

4.244		6944	3954
4.27		40052	32537
4.303		21956	15878
4.331		52423	41083
4.372		1712	1667
4.412		4656	2876
4.429		21099	15285
4.462		6026	5126
4.496		36064	27532
4.521		2678	1386
4.542		25362	19862
4.593		3218	2469
4.671		10586	8647
4.689		4777	2730
4.723		38538	37822
4.777		40349	32800
4.803		7456	5398
5.031		8226	7076
5.057		3955	2881
5.098		11195	12917
5.157		3382	5047
5.179		26200	21056
5.225		6701	5631
5.301		72309	62795
5.44		2920	2728
5.487		8415	8578
5.643		73528	68861
5.711		90843	84045
5.761		19413	17527
5.867		2672	3701
6.065		28296	24948
6.128		4792	4639
6.225	DCB	2169602	1946807

AR32X1324A AAAR32XAA ICAL 1312699999 SW-846 8082

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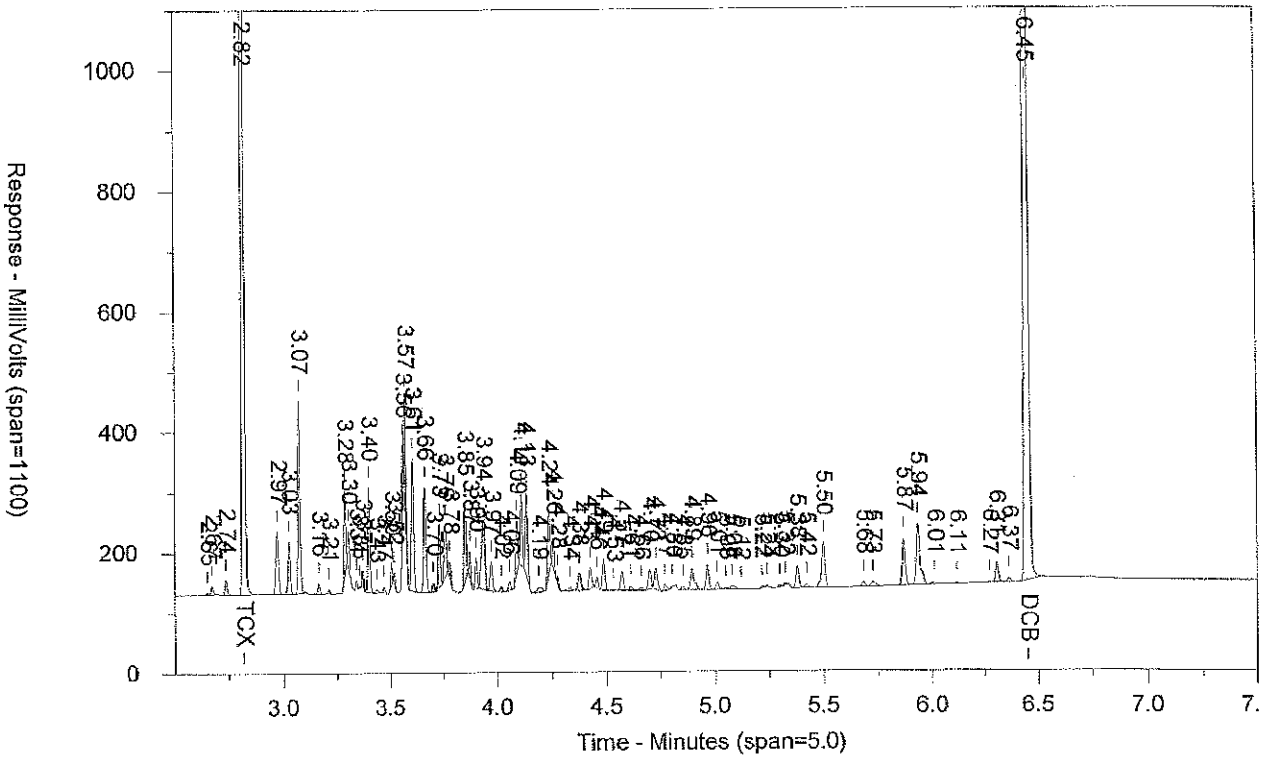

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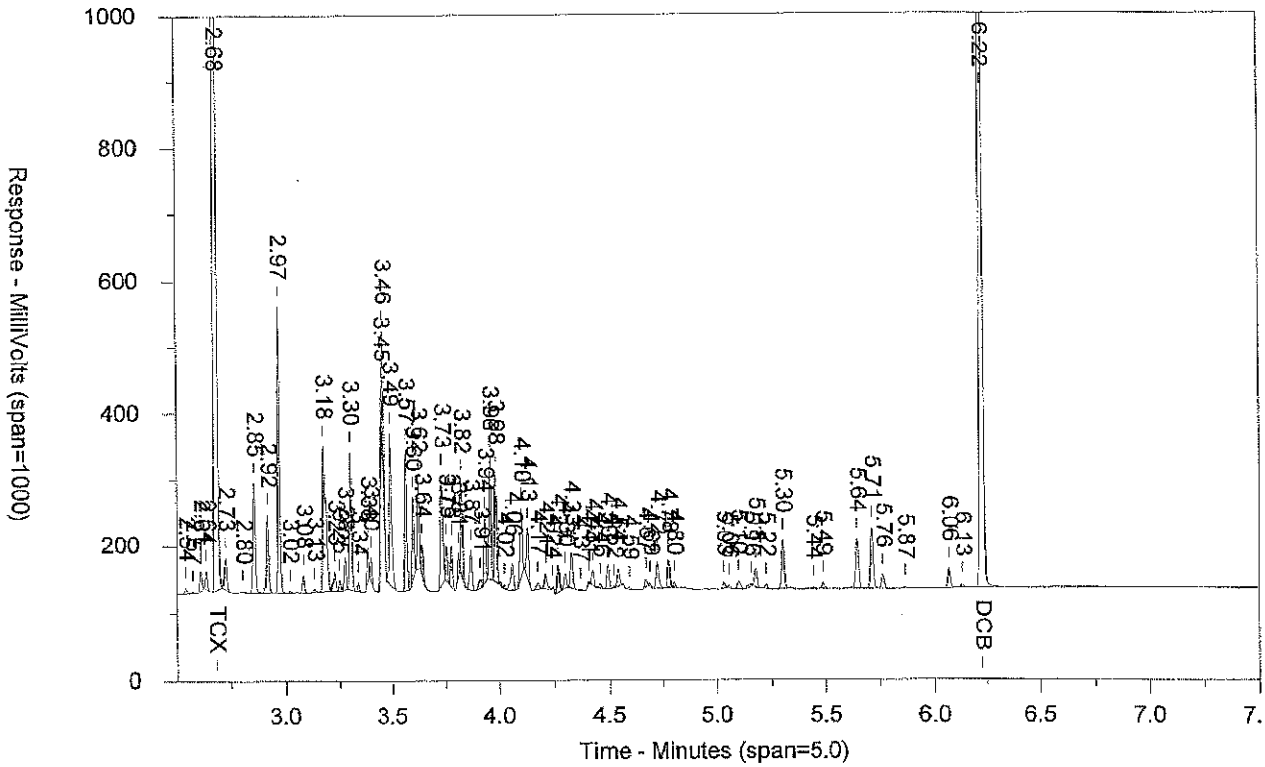

LANCASTER LABORATORIES

Sample Number: AR32X1324A AAAR32XAA ICAL 1312699999
Injected On: 5/7/2013 4:41:10 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3244271	40.428	TCX	2.682	4153717	41.162	TCX
6.451	2516336	37.604	DCB	6.225	2169602	39.302	DCB

Files:
Area File: 1p7127.024.RAW
Area File: 1p7127B.024.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 4:49:52 PM
File Reported On: 5/7/2013 at 5:05:25 PM

AR32X1324A AAAR32XAA ICAL 1312699999 SW-846 8082

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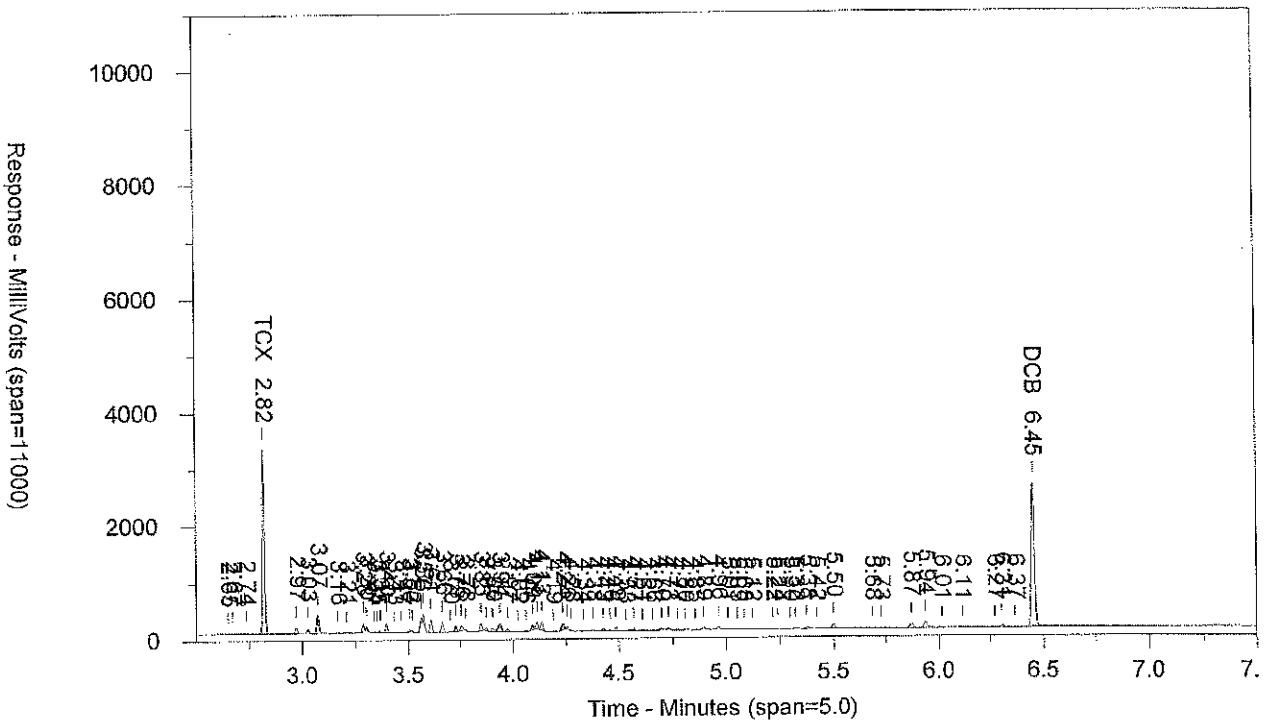

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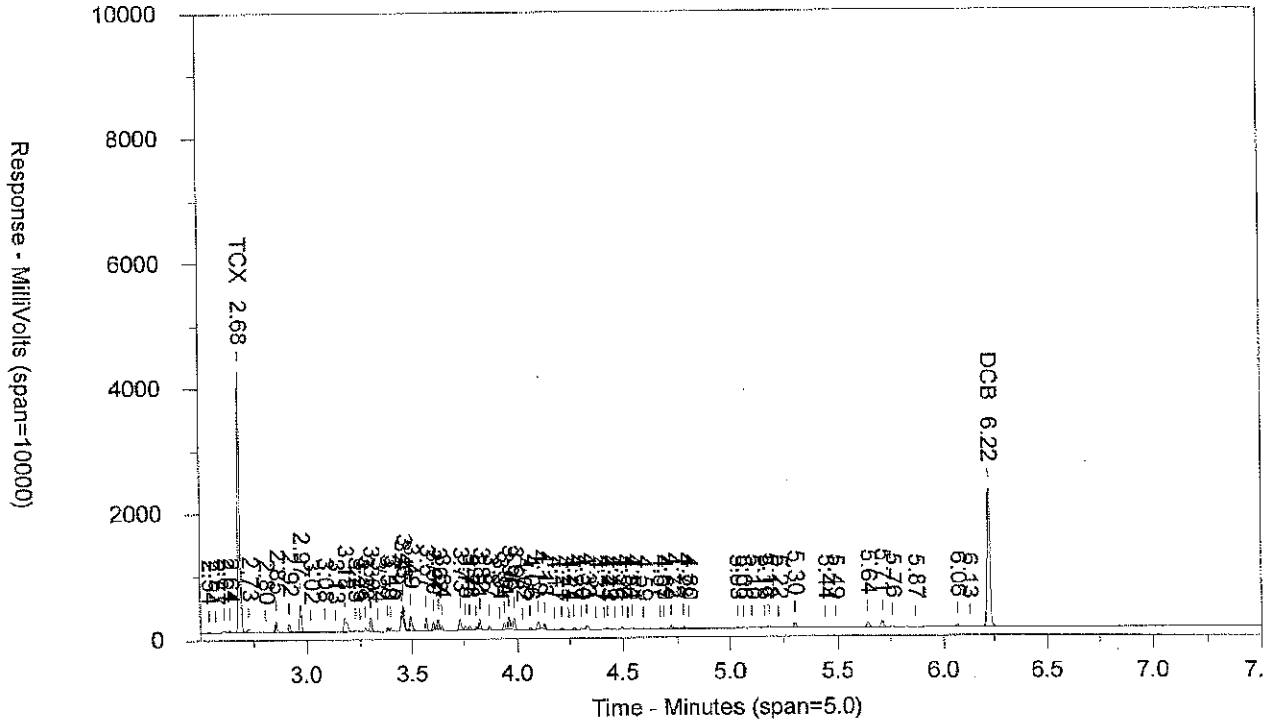

LANCASTER LABORATORIES

Sample Number: AR4231224D AAAR423AA ICAL 1312699999 Injection Volume:SW846 8082
Injected On: 5/7/2013 4:52:29 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.025.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.891		6979	6009
1.996		19337	51865
2.117		6795	6464
2.215		37027	28990
2.339		4213	3309
2.46		3917	3214
2.673		12996	11740
2.739		4733	4379
2.817	TCX	3318716	2137894
2.969		46029	38377
3.026		46687	35345
3.072		226228	156439
3.099		2635	1844
3.164		28719	19840
3.284		226645	134496
3.3		101519	51581
3.337		26467	14782
3.351		7579	3014
3.367		18360	9828
3.396		273849	209332
3.432		5517	5567
3.469		16114	10775
3.505		59753	33133
3.518		24859	12106
3.562		106015	59960
3.572		287254	140680
3.607		359056	264613
3.663		287372	216675
3.701		25927	18354
3.73		188700	141451
3.756		158835	125656
3.777		46943	24223
3.849		235110	166964
3.872		81613	52588
3.902		95215	64770
3.936		248861	245836
3.974		81619	65042
4.02		15940	12393
4.058		25242	20867
4.09		171692	118370
4.11		217300	137542
4.132		265855	190755
4.199		17863	27805
4.235		183942	144920
4.256		80287	47216
4.275		30165	16899
4.315		1957	1254
4.336		9815	7540
4.377		53589	52648
4.427		72790	61195
4.459		38537	28631
4.488		115008	96799
4.57		58438	54770

RT A	Compound A	Height A	Area A
4.608		5055	3348
4.657		12573	11636
4.698		82574	75160
4.728		29060	29451
4.774		13122	14962
4.806		4050	2868
4.853		4541	4034
4.892		84722	86059
4.936		1588	1003
4.964		36183	36033
5.011		22090	20094
5.088		4877	6683
5.219		8845	7243
5.299		2465	1960
5.324		6678	10970
5.377		30736	30837
5.421		9894	10369
5.5		71925	69483
5.653		1639	1611
5.683		4603	4608
5.727		6314	8735
5.872		75552	76960
5.936		99660	118990
6.01		3460	4321
6.189		1821	1968
6.276		1128	1247
6.31		32039	32738
6.366		4655	4945
6.451	DCB	2672853	2646584
8.359		2324	5198

LANCASTER LABORATORIES

Sample Number: AR4231224D AAAR423AA ICAL 1312699999 Injection Volume: 1 uSW-846 8082
Injected On: 5/7/2013 4:52:29 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.025.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.84		6398	5681
1.925		1885	1897
1.971		40083	32412
2.06		20761	34491
2.111		7052	6043
2.205		7545	6795
2.364		5592	4287
2.473		1632	2272
2.539		7125	6333
2.61		31358	33217
2.682	TCX	4231122	2608617
2.727		30168	22819
2.854		79330	56865
2.916		66758	46849
2.969		304105	200479
3.018		2043	1386
3.082		41464	27649
3.134		5344	5112
3.177		364162	386386
3.229		43623	27982
3.25		23394	13571
3.275		31603	17928
3.301		338369	253922
3.335		19860	12219
3.382		84675	45793
3.397		53845	26555
3.448		145656	74519
3.457		339925	159131
3.492		371941	308250
3.566		364922	244540
3.599		234004	147267
3.623		251255	148206
3.64		81089	43295
3.73		305046	226339
3.754		102321	59197
3.776		114618	72719
3.807		68525	34874
3.824		261876	165771
3.868		100637	80381
3.913		23445	19693
3.936		185547	121483
3.959		355134	239435
3.985		304636	203795
4.006		14797	7003
4.024		13118	7011
4.06		85191	70419
4.098		191225	141146
4.127		142466	101307
4.174		17403	16491
4.211		49434	44097
4.27		88510	71023
4.303		50994	37142
4.332		122059	94363
4.37		2307	2319

4.412		9141	5785
4.43		39613	28265
4.462		14751	11581
4.496		92951	70603
4.521		3623	1875
4.542		19034	14292
4.564		6561	3698
4.593		8554	6989
4.671		14880	11955
4.689		4702	2786
4.723		87771	78669
4.778		35102	27673
4.804		21229	19001
4.852		4776	3509
4.942		1810	2056
5.032		5750	4741
5.057		10323	8183
5.098		11306	11817
5.157		4193	4701
5.178		22138	16669
5.203		3924	2297
5.301		66915	58933
5.44		2309	2217
5.488		6571	8101
5.643		74159	69941
5.711		89603	83608
5.761		16690	15591
6.065		28320	25227
6.126		3822	3724
6.225	DCB	2216807	2001268

AR4231224D AAAR423AA ICAL 1312699999 SW-846 8082

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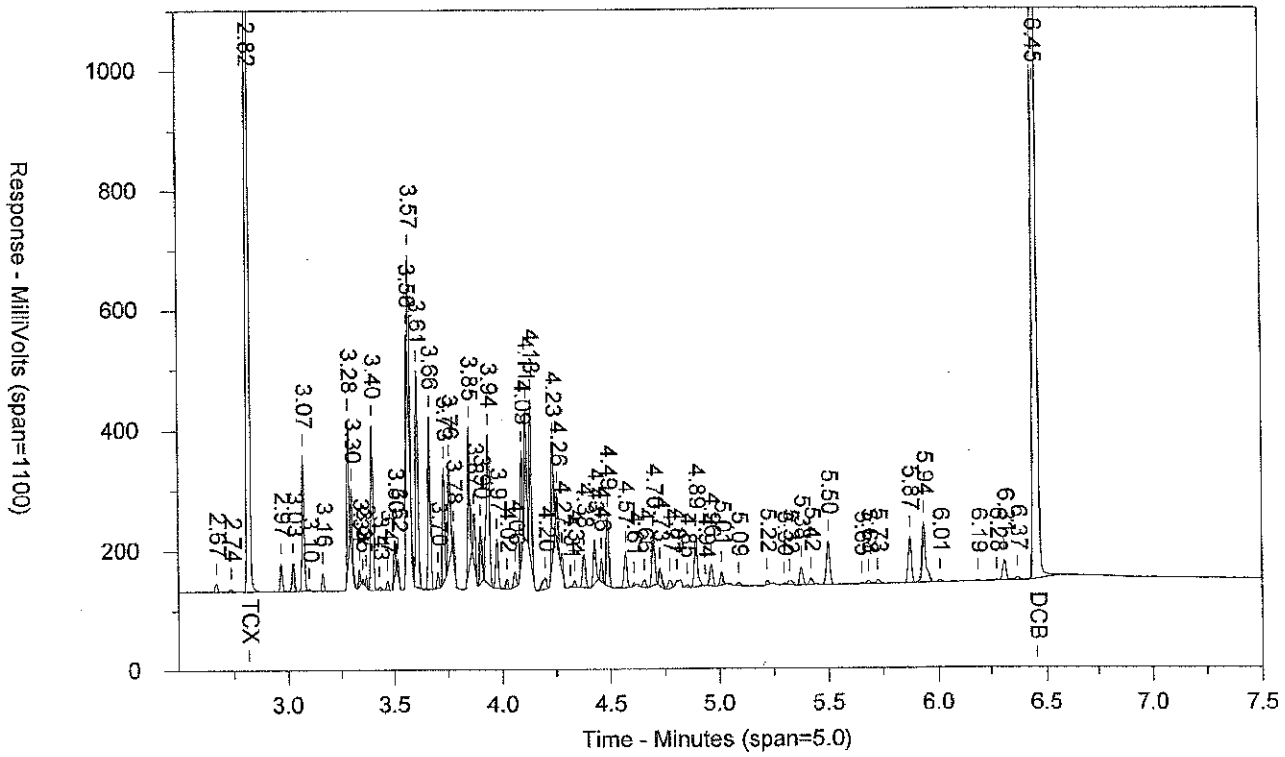

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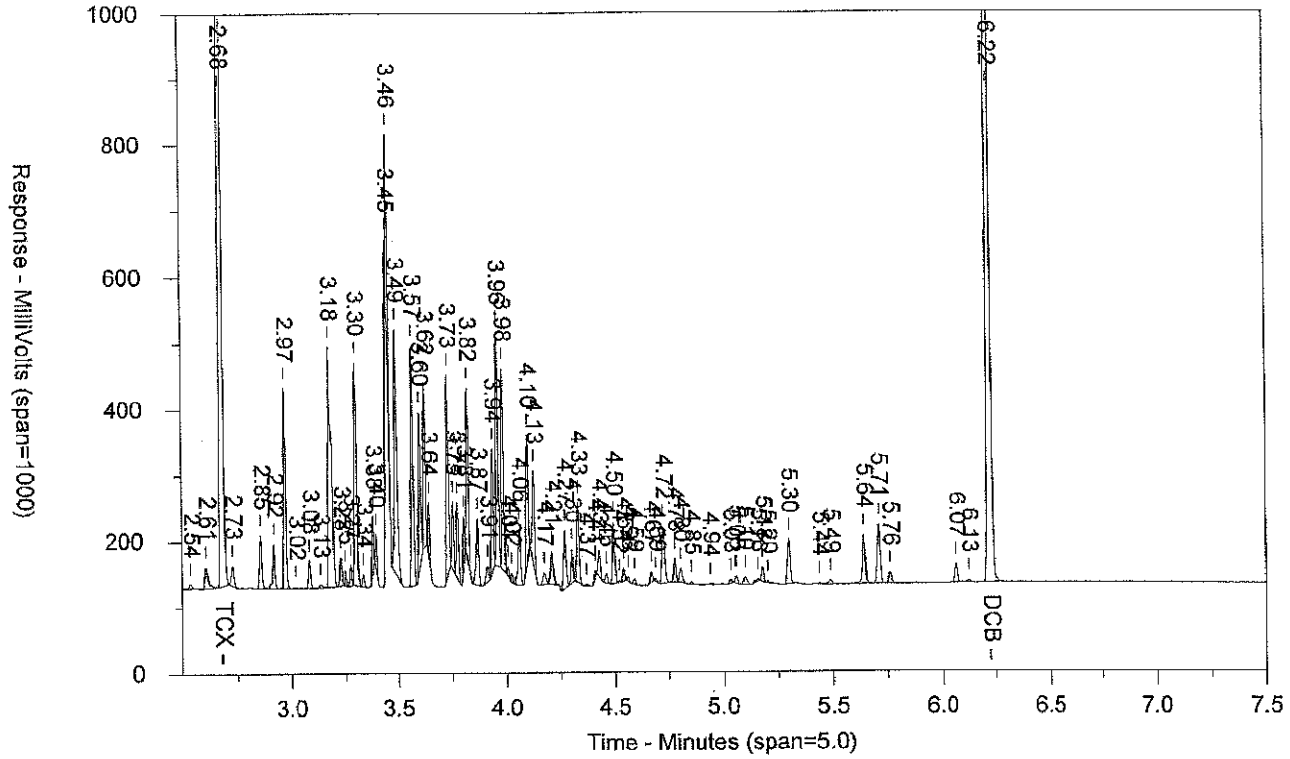

LANCASTER LABORATORIES

Sample Number: AR4231224D AAAR423AA ICAL 1312699999
Injected On: 5/7/2013 4:52:29 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: $W-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3318716	41.355	TCX	2.682	4231122	41.929	TCX
6.451	2672853	39.943	DCB	6.225	2216807	40.157	DCB

Files:
Area File: 1p7127.025.RAW
Area File: 1p7127B.025.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:01:12 PM
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AR4231224D AAAR423AA ICAL 1312699999 SW-846 8082

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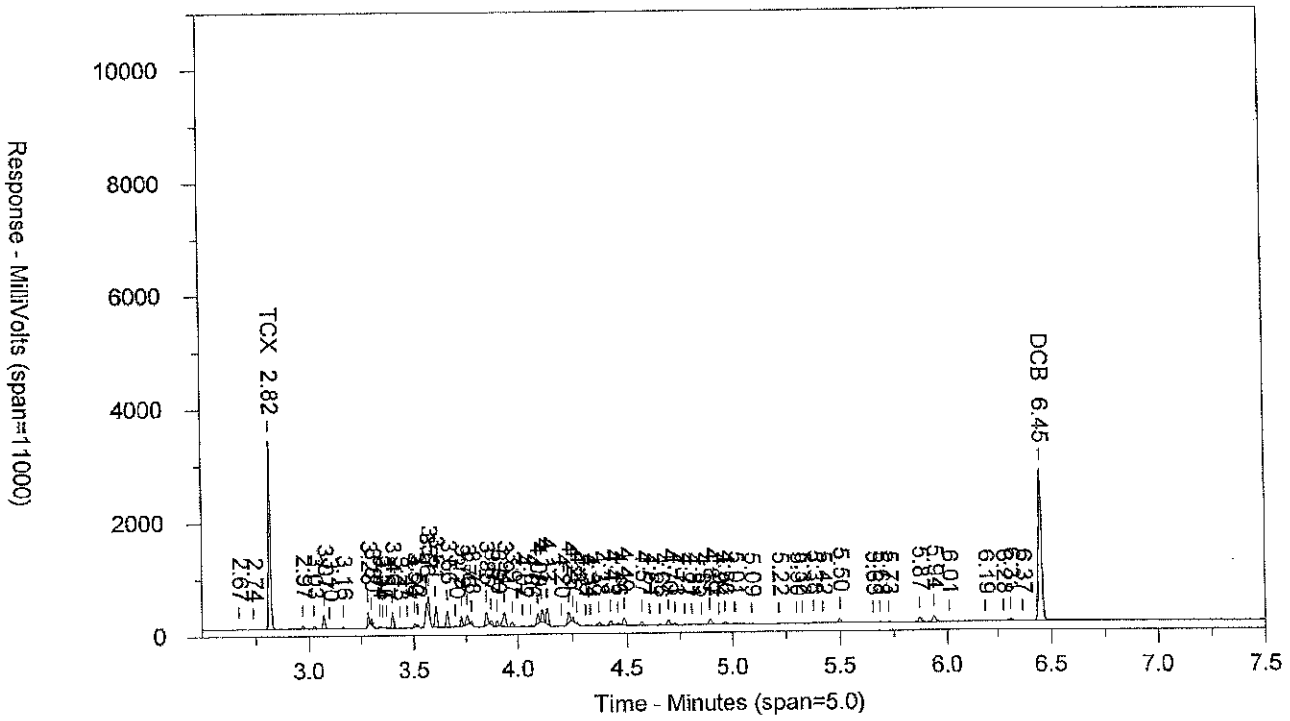

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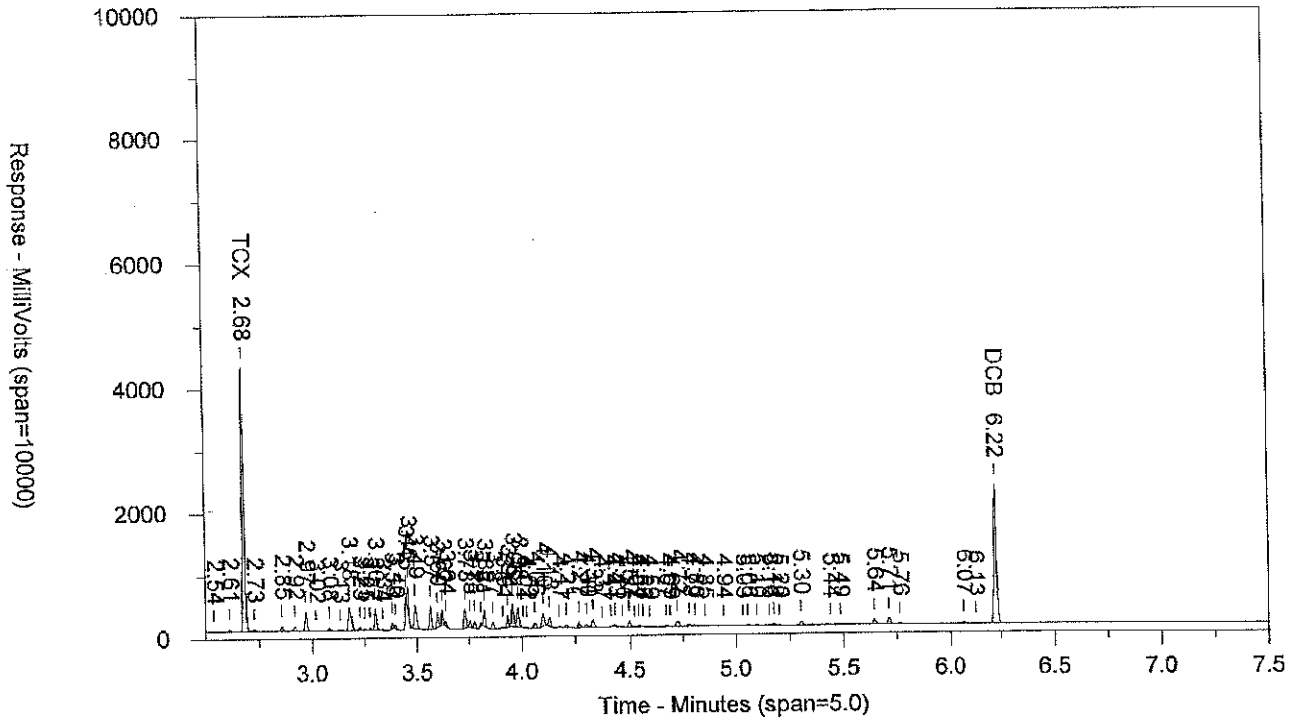

LANCASTER LABORATORIES

Sample Number: AR16XX1324A AAAR16XAA ICAL 1312699999
Injected On: 5/7/2013 5:03:52 PM
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.026.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

Injection Volume: SW-846 8082
Analyst: 2855

RT A	Compound A	Height A	Area A
1.55		2481	2523
1.892		852	7878
1.996		7058	10450
2.117		1414	1004
2.215		15649	11590
2.344		1859	1482
2.372		107268	69630
2.415		23195	15394
2.461		4431	3518
2.651		49809	30437
2.672		4647	2916
2.817	TCX	626050	409259
2.856		3902	2330
2.969		47927	39748
3.026		54723	39928
3.072		263446	182774
3.164		34288	24255
3.209		47514	29211
3.284		273868	160256
3.301		128723	67502
3.336		30349	17249
3.352		7825	3057
3.367		21703	12169
3.397		336311	249498
3.432		2373	1309
3.469		11847	7628
3.506		71367	40140
3.519		39455	18392
3.562		145988	73479
3.572		307962	164808
3.607		411123	305116
3.663		366124	261448
3.701		27082	19582
3.729		237790	168099
3.756		183157	149153
3.777		59783	34985
3.849		293937	200175
3.872		101665	60935
3.902		108865	75734
3.936		279197	278865
3.973		104179	84095
4.019		12076	8695
4.058		15051	12547
4.091		103682	74068
4.111		87089	55162
4.133		80835	56772
4.234		28128	38248
4.338		467020	335651
4.377		2082	2956
4.693		1966	2058
4.728		5258	6031
4.767		8310	8628
4.852		1416	1347

RT A	Compound A	Height A	Area A
4.896		947	836
4.964		6867	6936
5.086		1674	2093
5.299		1467	1344
5.361		10427	13829
5.405		1855	3628
5.5		14336	15768
5.649		1271	1215
5.685		1557	1363
5.725		2283	2803
5.766		1207	1181
5.809		1014	803
5.873		14583	14383
5.936		25186	30270
6.012		4663	7376
6.129		2508	3349
6.326		9381	15829
6.366		91138	112884
6.451	DCB	550601	602779
6.537		1568	1716
6.587		71503	124437
7.229		1685	2648
8.361		2168	4766

LANCASTER LABORATORIES

Sample Number: AR16XX1324A AAAR16XAA ICAL 1312699999 Injection Volume: 1 uISW-846 8082
Injected On: 5/7/2013 5:03:52 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.026.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.554		1744	1852
1.616		2032	1926
1.939		1865	1127
1.971		18266	13169
2.059		9405	16192
2.226		1490	1487
2.362		7059	5169
2.428		126990	73617
2.489		25641	15633
2.61		12845	8857
2.681	TCX	807234	538138
2.727		36244	28864
2.785		2573	1377
2.803		3948	3368
2.854		78596	54694
2.916		77122	52357
2.969		352940	233249
3.082		46581	31480
3.177		437718	458119
3.229		47725	30145
3.251		22684	12469
3.271		59881	43689
3.301		420826	302086
3.336		16154	11041
3.382		101327	56063
3.397		54310	26190
3.448		173641	86721
3.457		425675	196994
3.492		440854	355712
3.566		443364	295994
3.599		276828	171562
3.623		302616	176519
3.641		97173	49665
3.73		365109	268822
3.754		131281	77220
3.776		133005	84936
3.807		72419	36922
3.824		306049	191736
3.867		128839	97730
3.913		15175	12778
3.935		91083	57687
3.959		183069	125430
3.984		89895	56608
4.005		13571	7367
4.055		19143	18684
4.098		10321	6460
4.114		11165	10286
4.168		3700	4617
4.271		2342	2357
4.332		1957	1789
4.4		3311	2254
4.435		33501	23112
4.499		2540	2227
4.542		4947	4701

4.689		9801	10376
4.73		2894	4995
4.777		7671	6093
5.034		1572	2016
5.097		2179	2164
5.181		7982	10455
5.246		1505	1350
5.301		14704	12927
5.333		1396	2305
5.41		1576	1275
5.642		15019	13062
5.711		20043	19606
5.767		3808	4374
5.956		1292	1579
6.034		7712	6447
6.066		6051	4803
6.128		62587	77450
6.225	DCB	476845	453877
7.683		1757	2858

AR16XX1324A AAAR16XAA ICAL 1312699999 SW-846 8082

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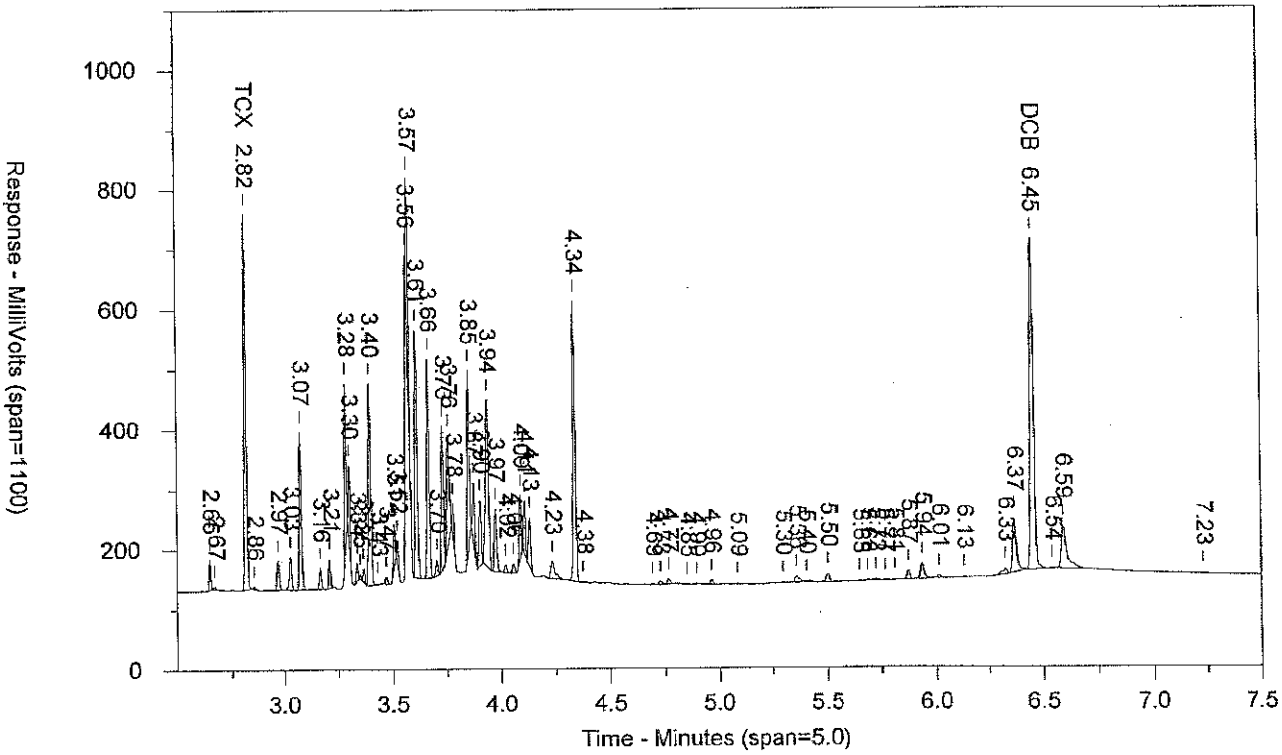

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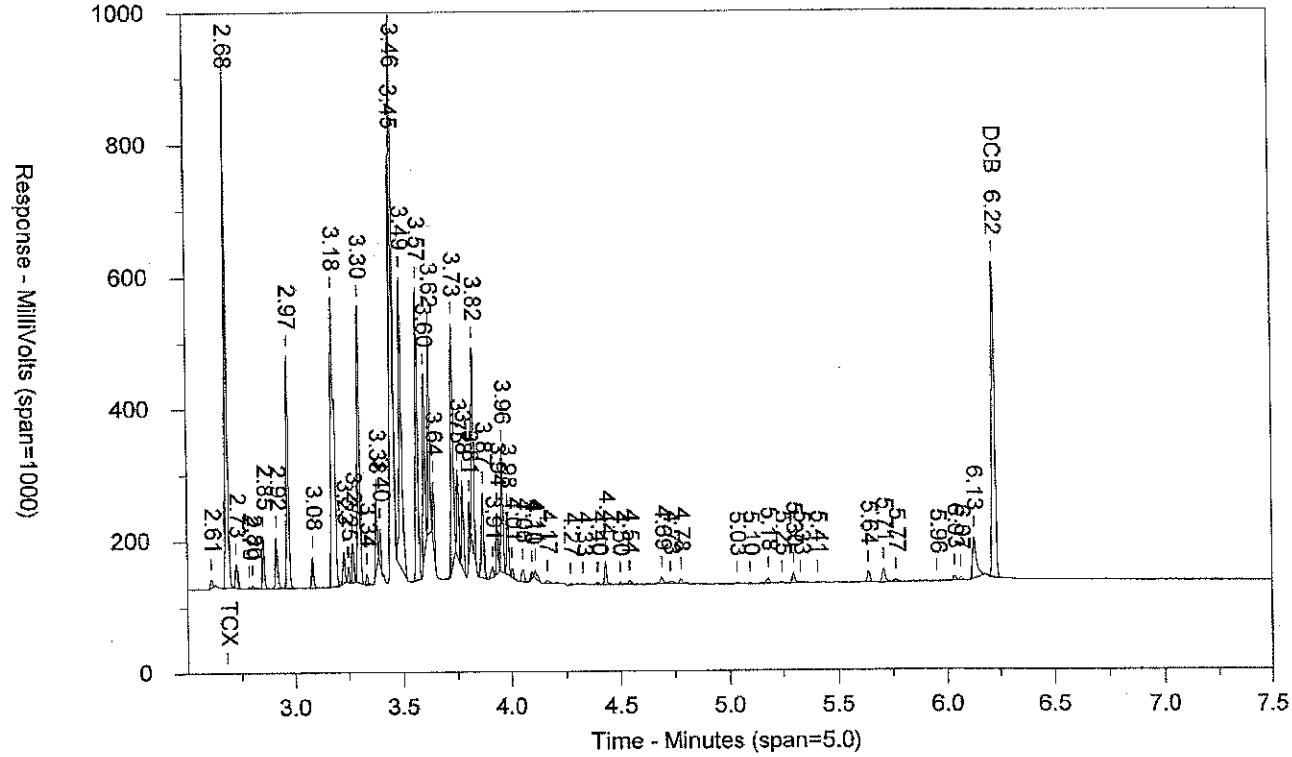

LANCASTER LABORATORIES

Sample Number: AR16XX1324A AAAR16XAA ICAL 1312699999
Injected On: 5/7/2013 5:03:52 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	626050	7.801	TCX	2.681	807234	7.999	TCX
6.451	550601	8.228	DCB	6.225	476845	8.638	DCB

Files:
Area File: 1p7127.026.RAW
Area File: 1p7127B.026.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:12:36 PM
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AR16XX1324A AAAR16XAA ICAL 1312699999 SW-846 8082

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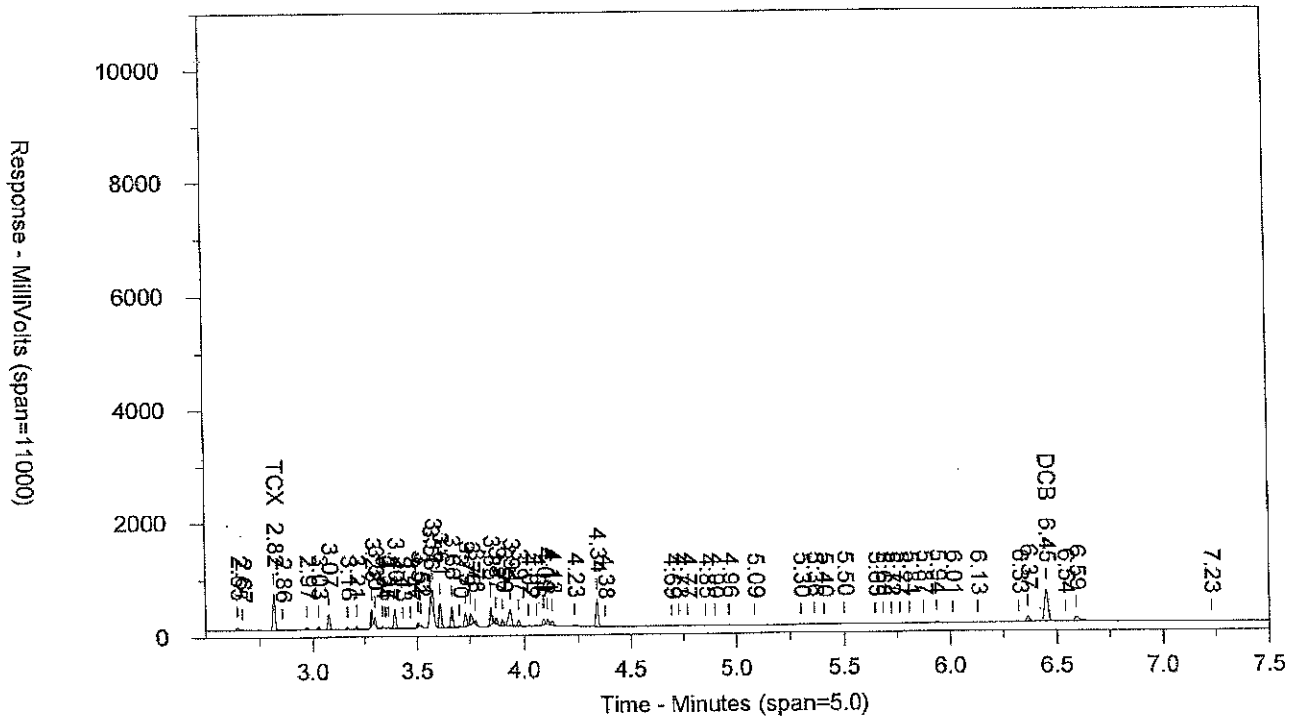

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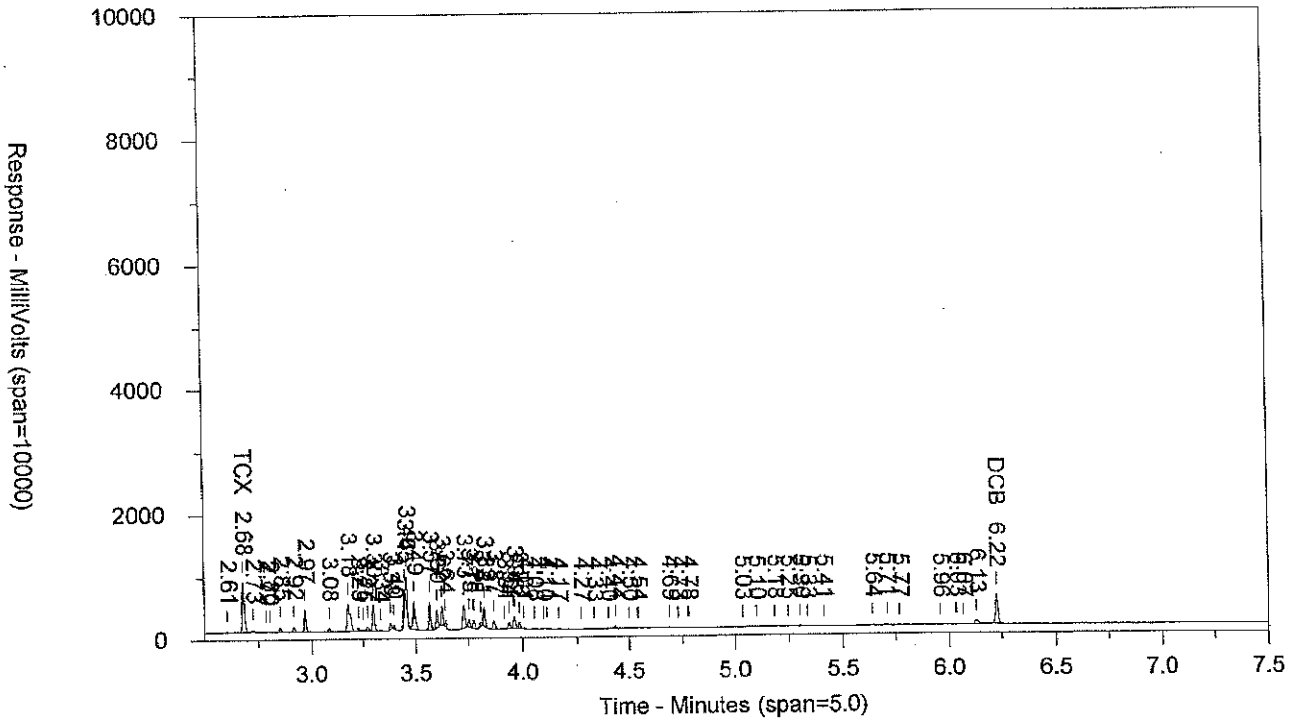

LANCASTER LABORATORIES

Sample Number: MD16X1324B AAMD16XAA ICAL 1312699999 Injection Volume: $\W-846 8082
Injected On: 5/7/2013 5:15:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.027.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.577		766	971
1.64		1346	2063
1.786		1697	1537
1.998		6600	18500
2.215		21748	14987
2.613		1265	975
2.672		6306	5549
2.817	TCX	62949	40052
2.839		2774	1702
2.97		3187	2515
3.026		3191	2294
3.072		16802	11808
3.165		2174	1730
3.284		18911	10873
3.301		8738	4590
3.337		1997	1572
3.397		21591	16010
3.505		4594	2529
3.562		8400	5142
3.572		17827	9148
3.608		27114	20191
3.664		21103	16018
3.701		1695	1093
3.729		16614	12403
3.756		12888	11617
3.849		19187	13555
3.872		5991	3786
3.902		6731	4673
3.937		18267	18689
3.974		6614	5412
4.058		1427	1275
4.091		17182	12589
4.111		5041	2720
4.133		5233	4151
4.201		1787	1589
4.242		18181	17302
4.373		4778	5143
4.442		8099	9542
4.488		7784	6593
4.533		20483	22399
4.569		4521	3216
4.609		46434	42249
4.694		4414	4997
4.765		10098	13892
4.805		51486	63611
4.854		13384	11968
4.896		23395	26542
4.975		4401	5182
5.01		53657	51909
5.076		37224	35753
5.119		20986	20414
5.218		4171	4241
5.24		35876	35090

RT A	Compound A	Height A	Area A
5.298		20978	19598
5.337		9658	8908
5.378		2490	2519
5.425		11524	11448
5.48		92746	100554
5.648		1108	904
5.686		58010	57035
5.741		17889	33455
5.875		2810	3144
5.956		12553	16074
6.008		2875	2961
6.113		27337	27018
6.158		1567	1367
6.309		7996	7611
6.366		23282	26961
6.451	DCB	74325	76539
8.362		2236	4297

LANCASTER LABORATORIES

Sample Number: MD16X1324B AAMD16XAA ICAL 1312699999 Injection Volume: 1 uISW-846 8082
Injected On: 5/7/2013 5:15:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.027.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.808		2310	1619
1.971		24991	17281
2.062		7294	14008
2.428		1379	798
2.609		15016	13805
2.681	TCX	87620	54844
2.727		2476	2017
2.804		4187	3300
2.854		5435	3555
2.916		4438	2613
2.969		24746	15524
3.082		2912	2018
3.177		31202	31590
3.229		3009	1666
3.249		1942	1208
3.274		2707	1879
3.301		27787	20273
3.335		1819	1223
3.381		6443	3260
3.396		3968	1949
3.448		12733	6109
3.457		23637	11219
3.492		30527	25172
3.566		27279	18363
3.6		21026	13396
3.624		24415	14280
3.642		6625	3453
3.729		26147	19324
3.754		7485	4384
3.775		8755	5373
3.807		5863	3100
3.824		19347	11751
3.867		8972	6635
3.911		2462	2391
3.935		5237	3343
3.959		24974	17511
3.985		5658	3439
4.024		2090	1306
4.06		19302	14441
4.098		1644	1107
4.168		2061	1835
4.2		4140	6933
4.27		4901	4096
4.315		5770	3679
4.344		21974	20165
4.372		9064	9336
4.425		50109	42372
4.497		2425	1618
4.521		10636	7750
4.565		57882	48512
4.672		49868	54719
4.728		5897	5081
4.765		12922	11190
4.803		46256	42950

4.835		34013	27567
4.875		21279	17775
4.942		971	977
4.978		7823	7221
5.031		42655	37351
5.057		3453	2312
5.107		23170	21956
5.143		9715	7926
5.17		6718	6056
5.225		90226	84946
5.267		1773	1230
5.301		5352	4553
5.415		1374	1147
5.441		22538	19894
5.487		61507	66153
5.642		2654	2226
5.685		1076	869
5.711		3202	2449
5.761		12467	12172
5.866		25768	22913
6.066		7196	6344
6.128		16350	18018
6.225	DCB	62856	56812

MD16X1324B AAMD16XAA ICAL 1312699999 SW-846 8082

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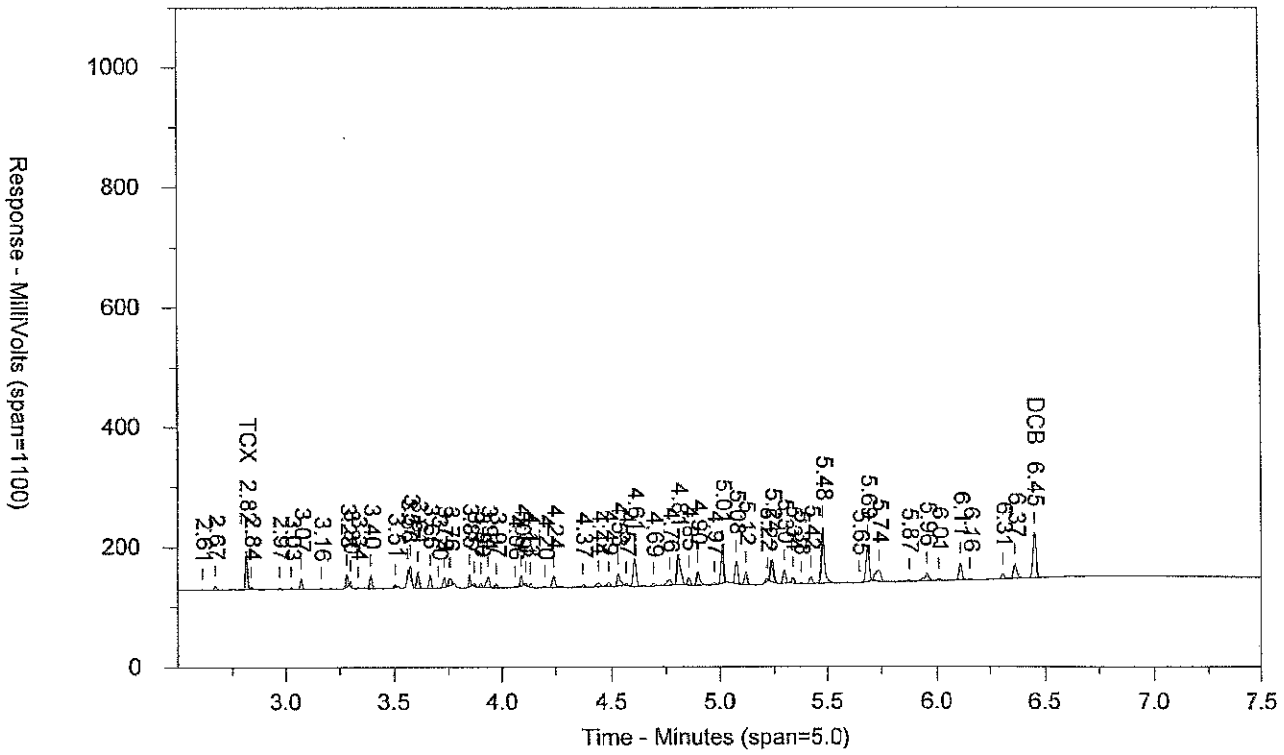

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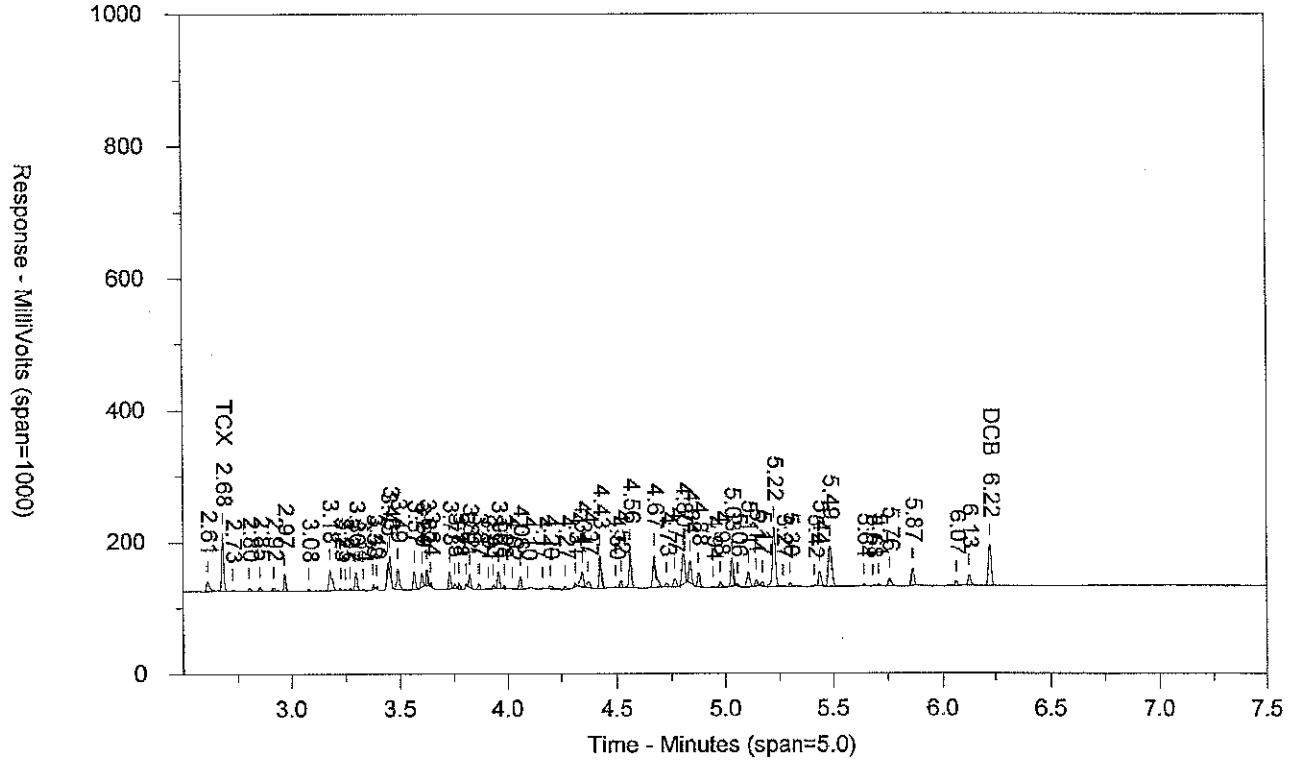

LANCASTER LABORATORIES

Sample Number: MD16X1324B AAMD16XAA ICAL 1312699999
Injected On: 5/7/2013 5:15:16 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	62949	.784	TCX	2.681	87620	.868	TCX
6.451	74325	1.111	DCB	6.225	62856	1.139	DCB

Files:
Area File: 1p7127.027.RAW
Area File: 1p7127B.027.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:24:00 PM
File Reported On: 5/7/2013 at 5:24:06 PM

MD16X1324B AAMD16XAA ICAL 1312699999 SW-846 8082

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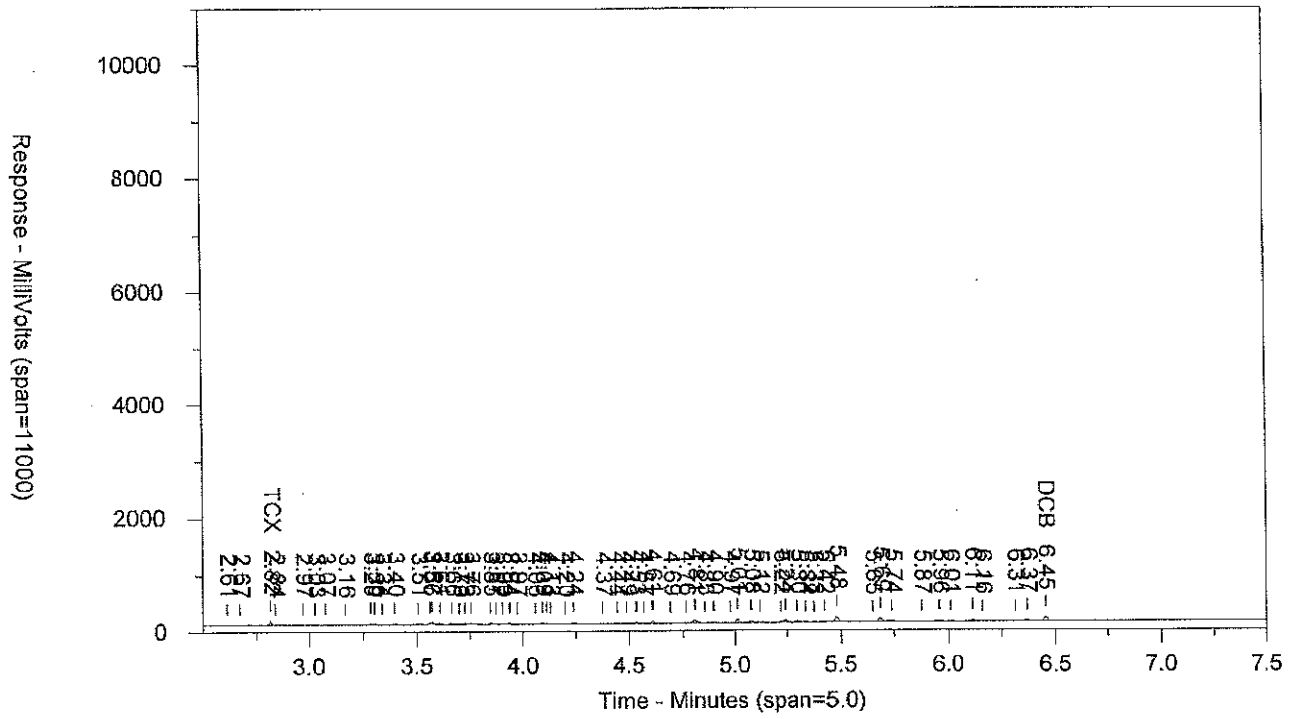

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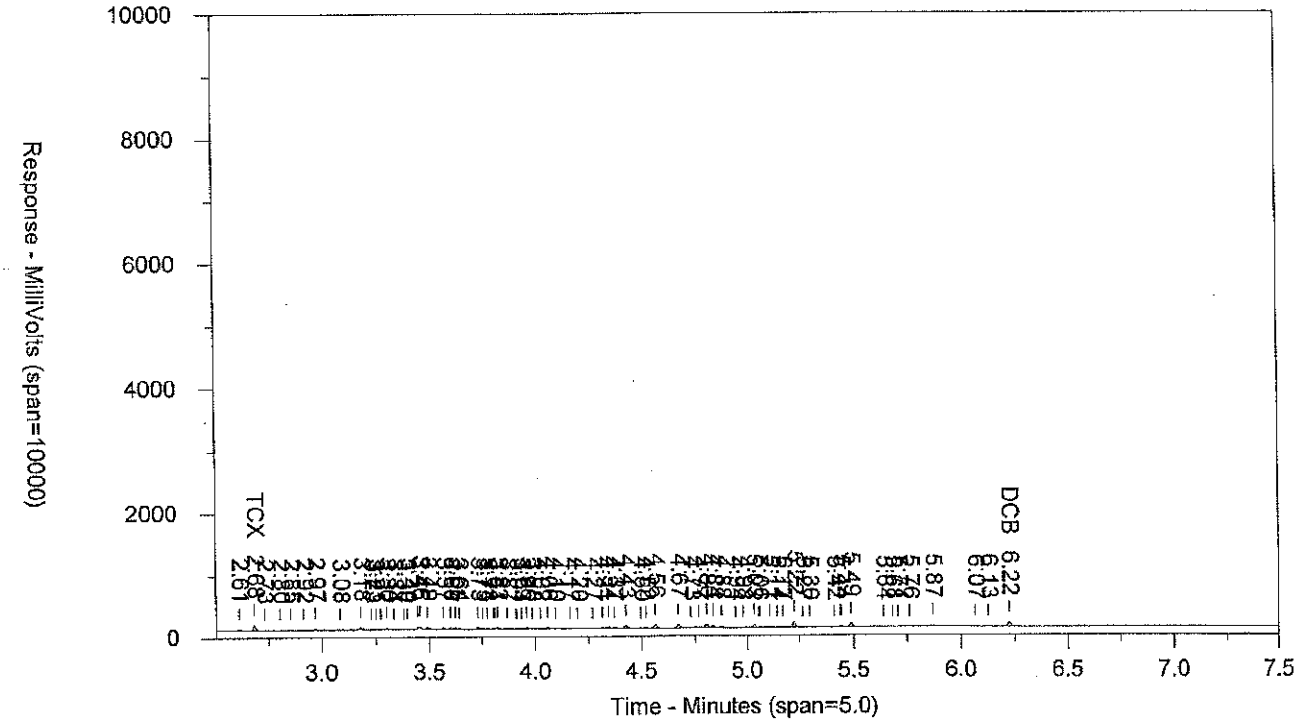

LANCASTER LABORATORIES

Sample Number: IC16X1324B AAIC16XAA CCAL 1312699999 Injection VolumeSW846 8082
Injected On: 5/7/2013 5:26:32 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.028.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.902		1802	11748
1.998		10368	31094
2.117		5774	5626
2.215		18724	16263
2.373		966	709
2.46		4012	2910
2.672		5604	4364
2.816	TCX	3193793	2086722
2.968		48390	39469
3.025		53950	38483
3.072		264089	183066
3.164		35233	25275
3.208		2187	1652
3.284		290683	169831
3.3		126744	65506
3.336		31620	17618
3.351		9030	3515
3.366		21310	11520
3.396		356176	259803
3.432		1684	887
3.469		15412	10675
3.504		76126	42064
3.518		33828	15552
3.562		163348	84553
3.572		359523	176554
3.607		443658	319260
3.663		376872	274732
3.701		29984	20723
3.729		260589	184417
3.756		191789	162141
3.776		57988	28681
3.848		290006	201407
3.872		94970	60646
3.902		104201	71925
3.935		236756	245260
3.974		74253	57009
4.019		6137	4136
4.056		10600	7578
4.091		249008	188550
4.11		32392	16039
4.133		47844	34193
4.2		40754	33298
4.242		302024	284638
4.275		13506	9356
4.337		914321	673805
4.373		59075	57520
4.441		135627	193714
4.487		189704	164917
4.533		326489	357087
4.569		82610	58414
4.608		774739	684845
4.649		11910	10896
4.695		94493	105968

RT A	Compound A	Height A	Area A
4.726		24866	17460
4.753		130173	121010
4.805		889584	1085794
4.852		180422	166583
4.895		421388	473826
4.937		8897	5196
4.973		89026	122760
5.01		985526	940135
5.075		520897	482152
5.119		322134	317217
5.215		81032	67503
5.239		550146	492732
5.297		309102	281861
5.336		169215	163257
5.377		55072	55284
5.423		199888	206917
5.479		1497836	1581589
5.685		890127	882841
5.726		39605	74576
5.739		85807	62663
5.871		96709	99100
5.935		64524	47812
5.955		119832	97418
6.012		2573	2838
6.112		359492	365030
6.156		22799	21743
6.308		146470	151307
6.365		12434	13294
6.451	DCB	2551072	2614896

LANCASTER LABORATORIES

Sample Number: IC16X1324B AAIC16XAA CCAL 1312699999 Injection Volume: 1 SW-846 8082
Injected On: 5/7/2013 5:26:32 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.028.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.971		21580	19244
2.063		10379	16632
2.111		6888	5343
2.363		5546	4320
2.428		1401	1052
2.61		13572	10896
2.682	TCX	4091197	2546149
2.727		33275	25628
2.804		2765	2176
2.854		78129	53788
2.916		75303	53164
2.969		354996	233271
3.019		2055	1336
3.082		48401	33612
3.177		463866	478908
3.229		53061	34042
3.25		27790	15794
3.275		36155	21455
3.301		429379	315592
3.335		20455	12382
3.381		105804	58494
3.397		59253	29055
3.448		145359	79809
3.457		436373	209585
3.492		457943	373620
3.566		459893	310880
3.599		308218	189698
3.623		337213	196545
3.641		96724	47654
3.73		375566	277013
3.754		131095	76734
3.776		127744	79724
3.807		86153	44868
3.824		236223	144925
3.868		88981	67408
3.911		18702	17951
3.936		36252	22535
3.959		320868	228924
3.984		43059	25013
4.006		8011	4018
4.023		42658	27284
4.06		315971	245677
4.096		22678	16170
4.114		27080	19262
4.175		5157	4825
4.202		44969	54201
4.244		4147	2263
4.269		85664	65575
4.315		81978	50294
4.344		323428	310204
4.371		146345	152743
4.425		807223	754703
4.469		19547	16849
4.496		58541	40504

4.521		178679	134610
4.564		862047	744705
4.672		832171	774073
4.727		107303	98307
4.765		214601	195970
4.803		859859	750897
4.835		430634	323627
4.875		308954	257337
4.94		2669	2530
4.978		115653	122271
5.031		592415	518684
5.057		77274	51234
5.106		325862	319367
5.142		158779	128158
5.169		111193	102876
5.203		25694	15854
5.225		1301042	1144768
5.265		28605	23017
5.301		107340	95562
5.417		14047	9435
5.441		273926	247057
5.486		913624	983690
5.609		1215	1108
5.642		90885	82221
5.685		21092	14853
5.71		87116	76297
5.76		162219	151103
5.865		334246	296548
5.896		17626	12682
6.064		131086	119346
6.127		9210	9297
6.224	DCB	2239413	1996222
6.402		1802	1722

IC16X1324B AAIC16XAA CCAL 1312699999 SW-846 8082

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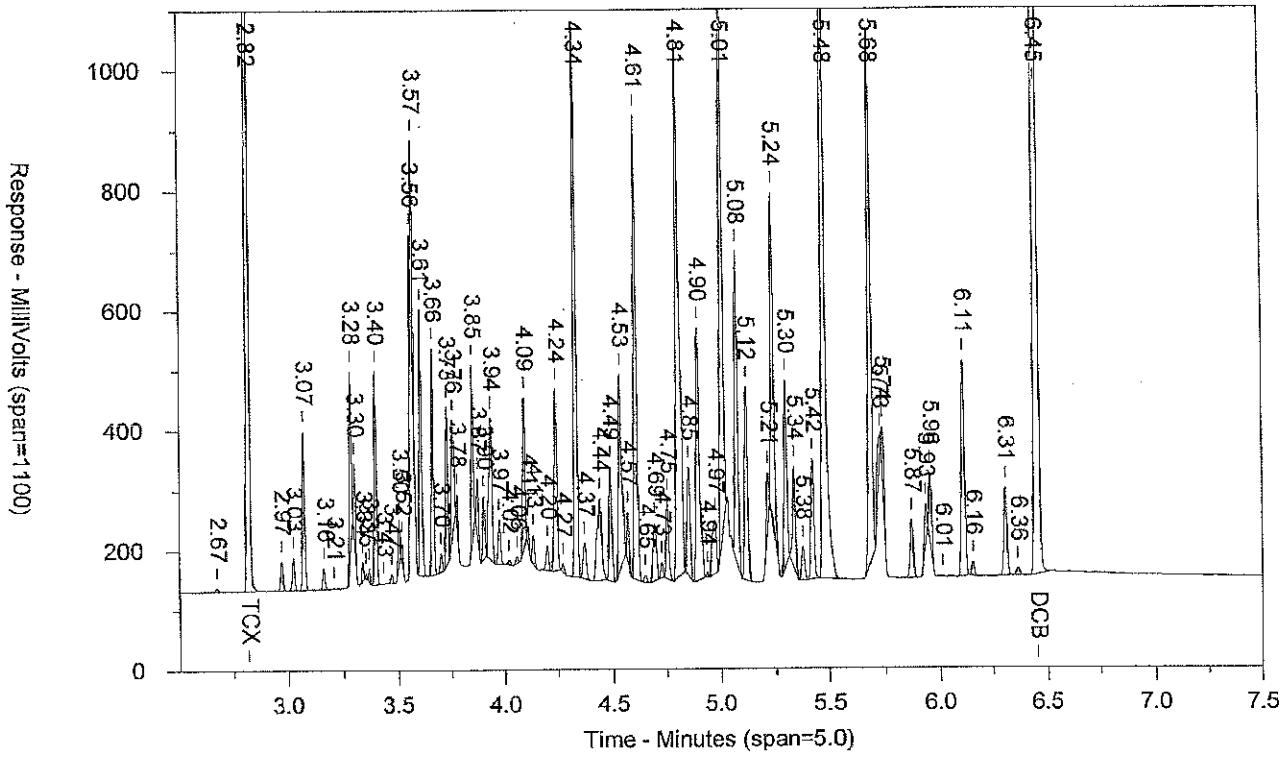

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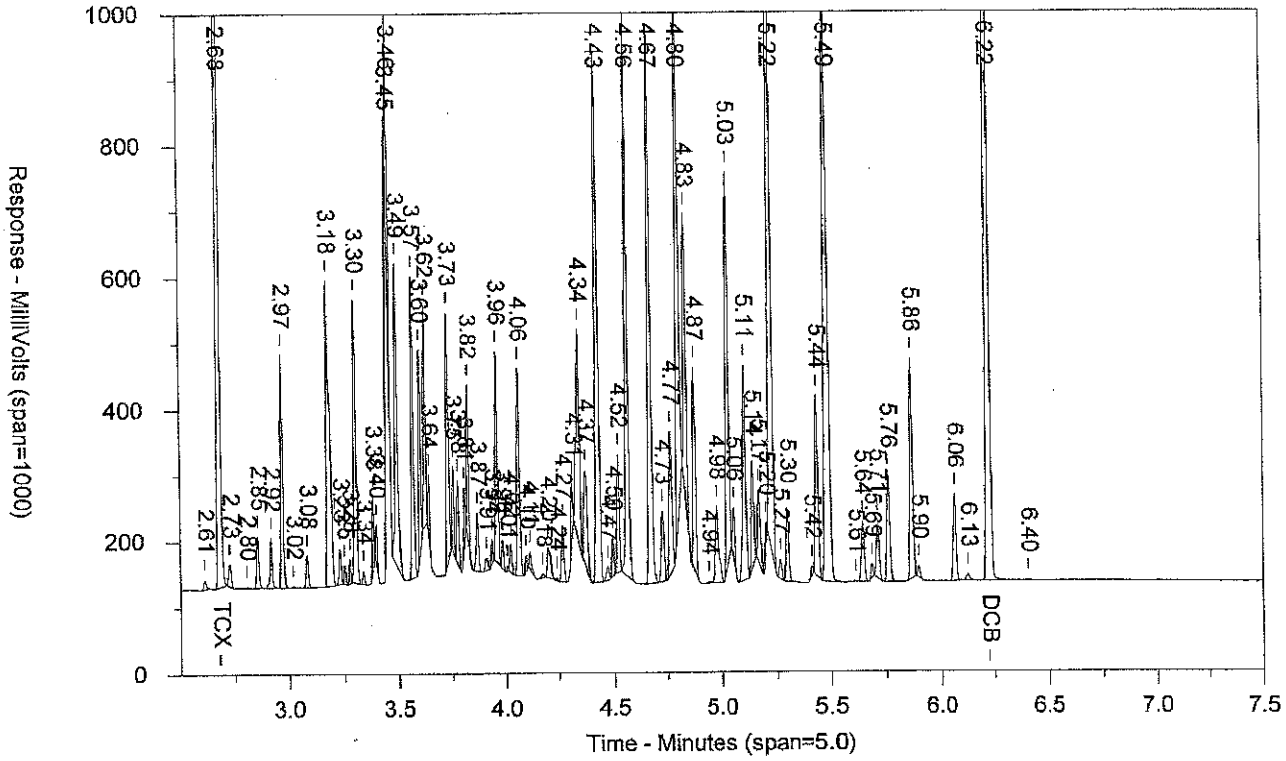

LANCASTER LABORATORIES

Sample Number: IC16X1324B AAIC16XAA CCAL 1312699999
Injected On: 5/7/2013 5:26:32 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	3193793	39.799	TCX	2.682	4091197	40.543	TCX
6.451	2551072	38.124	DCB	6.224	2239413	40.567	DCB

Files:
Area File: 1p7127.028.RAW
Area File: 1p7127B.028.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:35:17 PM
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IC16X1324B AAIC16XAA CCAL 1312699999 SW-846 8082

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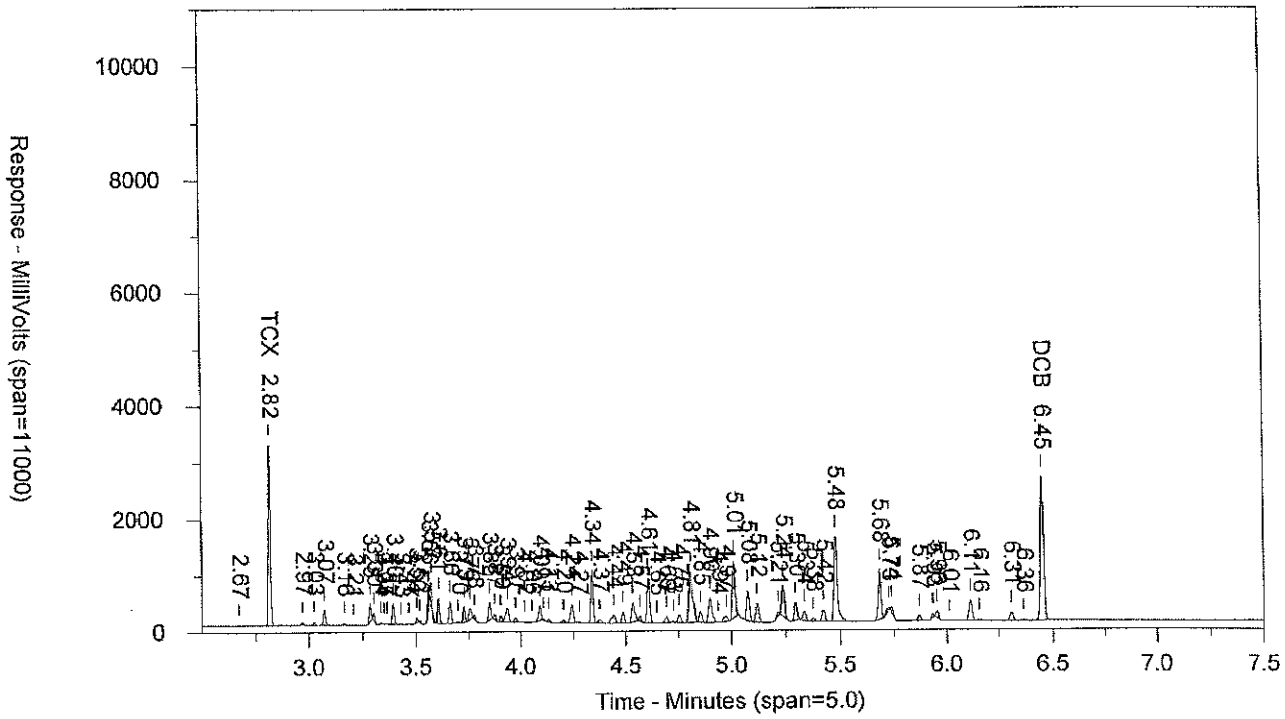

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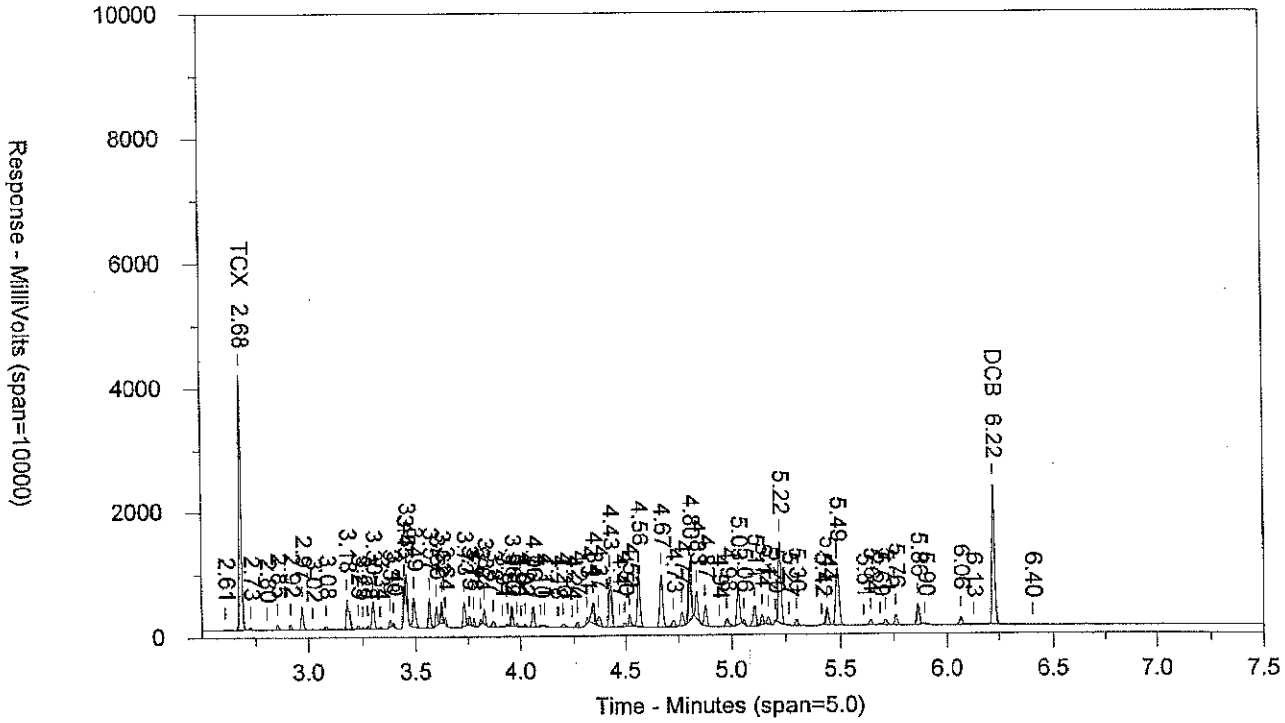

LANCASTER LABORATORIES

Sample Number: IC48X1224B AAIC48XAA CCAL 1312699999 Injection VolumeSW-846 8082
Injected On: 5/7/2013 5:37:57 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.029.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.548		2435	1995
1.632		1075	1694
1.786		1541	1657
1.996		10004	20661
2.116		4883	4030
2.215		22785	19121
2.672		3950	2344
2.688		3278	1505
2.781		945	654
2.817	TCX	3281829	2084937
2.97		7883	6296
3.026		5478	6553
3.073		35408	24765
3.164		8786	7009
3.284		133301	80482
3.301		39787	18620
3.337		8243	4758
3.367		1895	904
3.398		127907	93387
3.471		6154	4740
3.506		23992	13841
3.563		127801	65583
3.573		123137	60904
3.608		173609	132775
3.664		188611	139952
3.701		28403	19381
3.729		330660	241385
3.756		228240	177955
3.777		71490	37563
3.85		412264	287679
3.873		120448	70336
3.903		137943	94420
3.936		348498	308357
3.975		108428	87206
4.021		12341	10239
4.059		38175	31729
4.092		333439	218876
4.111		427140	260932
4.134		458277	330018
4.201		36713	33199
4.236		354578	295724
4.256		104757	52019
4.275		81244	50776
4.337		3241193	2537105
4.378		126442	117214
4.428		185317	159627
4.459		108778	81782
4.489		336123	277836
4.534		3096	1990
4.57		132548	112909
4.609		22803	28099
4.658		30731	26944
4.699		228969	206444

RT A	Compound A	Height A	Area A
4.729		14408	12210
4.775		20569	23625
4.806		11249	8268
4.855		3303	2641
4.893		235533	228185
4.937		5166	3552
4.965		28026	28169
5.012		57452	50954
5.051		3603	2013
5.085		8380	11586
5.221		20074	17660
5.301		9067	7168
5.379		18443	18782
5.421		20089	25002
5.5		55399	61915
5.686		7966	7686
5.729		8573	12813
5.872		62894	62517
5.936		84422	94766
6.011		5906	6850
6.11		1853	1833
6.279		1886	2075
6.309		30065	28570
6.368		10557	11717
6.451	DCB	2675066	2685019

LANCASTER LABORATORIES

Sample Number: IC48X1224B AAIC48XAA CCAL 1312699999 Injection Volume: 1 µl SW-846 8082
Injected On: 5/7/2013 5:37:57 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.029.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.622		3208	2534
1.727		855	755
1.81		2233	1903
1.971		26984	22195
2.062		11354	18078
2.111		6526	5136
2.208		1624	2747
2.364		1355	1441
2.539		1975	1503
2.61		12741	11325
2.682	TCX	4093658	2545322
2.727		3175	2188
2.804		5103	4101
2.855		14791	11199
2.902		4435	2146
2.916		6001	3095
2.936		2582	1536
2.969		51067	34322
3.02		1931	1390
3.082		12900	8401
3.135		3932	3865
3.178		206697	197099
3.229		14455	8752
3.251		5832	3487
3.275		3577	2041
3.301		161578	119033
3.336		8156	5150
3.382		30988	16251
3.397		14183	7138
3.457		398206	460726
3.479		27926	12419
3.492		160608	101111
3.567		239389	163023
3.6		417285	260102
3.624		361925	211945
3.642		115352	60922
3.73		517124	363247
3.754		143846	84308
3.776		160654	105618
3.808		65371	32718
3.824		361309	227122
3.868		138883	106090
3.912		38013	36335
3.936		292893	189154
3.959		709455	476750
3.985		503459	329916
4.006		34614	16984
4.024		32505	17959
4.061		203316	157856
4.099		317294	244280
4.127		209340	149624
4.175		39469	35418
4.211		130321	110140
4.27		226202	179321

4.304		135214	97463
4.332		344446	267731
4.371		5706	5312
4.432		1157020	871698
4.463		32582	24243
4.496		232833	189833
4.521		5664	2835
4.543		7860	5014
4.565		22320	14482
4.593		20319	15904
4.67		40338	45014
4.723		240134	207768
4.777		21698	20184
4.804		58438	54086
4.853		8230	5805
4.946		1911	2358
4.994		2719	1961
5.032		6224	4774
5.056		23336	19108
5.1		8111	9454
5.159		2611	3767
5.178		13588	9856
5.203		9610	6544
5.225		5005	3146
5.301		54109	47720
5.408		4597	4389
5.44		3272	2611
5.486		9421	9503
5.611		1353	1392
5.643		59753	53134
5.712		78420	70157
5.762		13050	12196
5.866		3060	4307
6.065		26223	23379
6.128		8850	9841
6.226	DCB	2269648	2044186

IC48X1224B AAIC48XAA CCAL 1312699999 SW-846 8082

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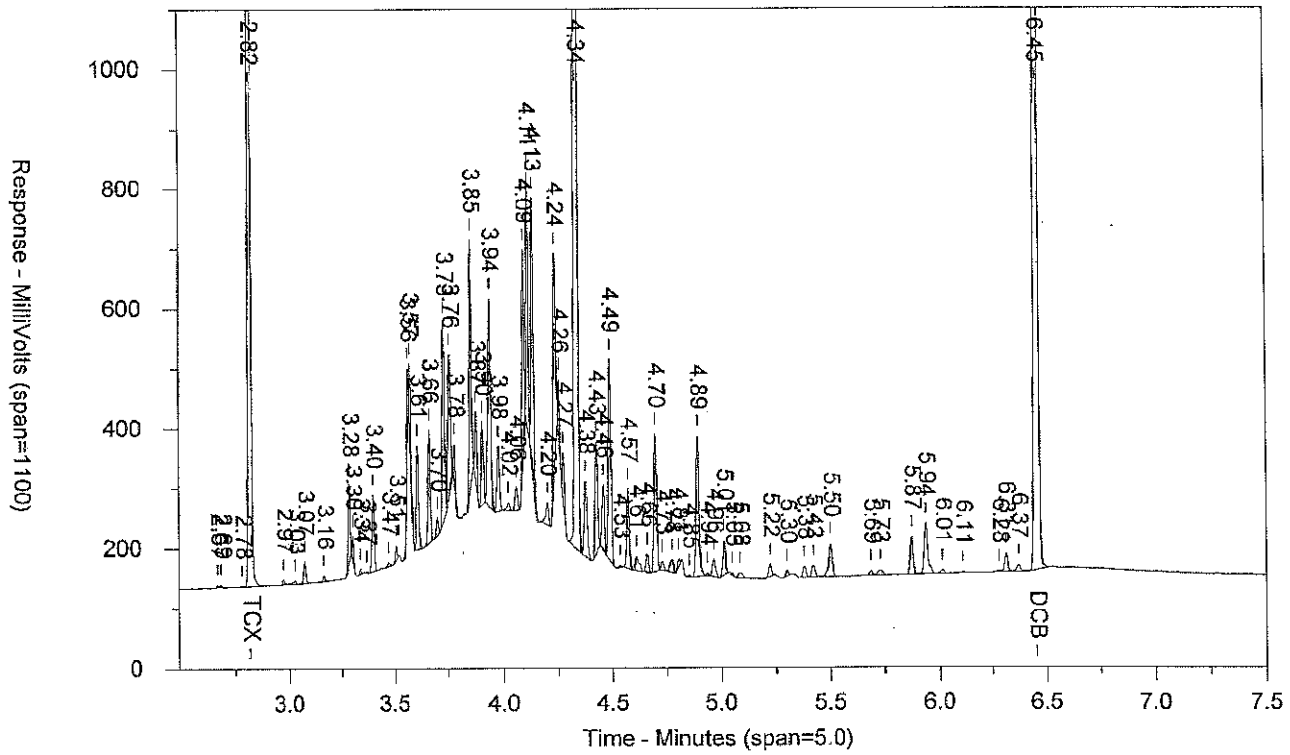

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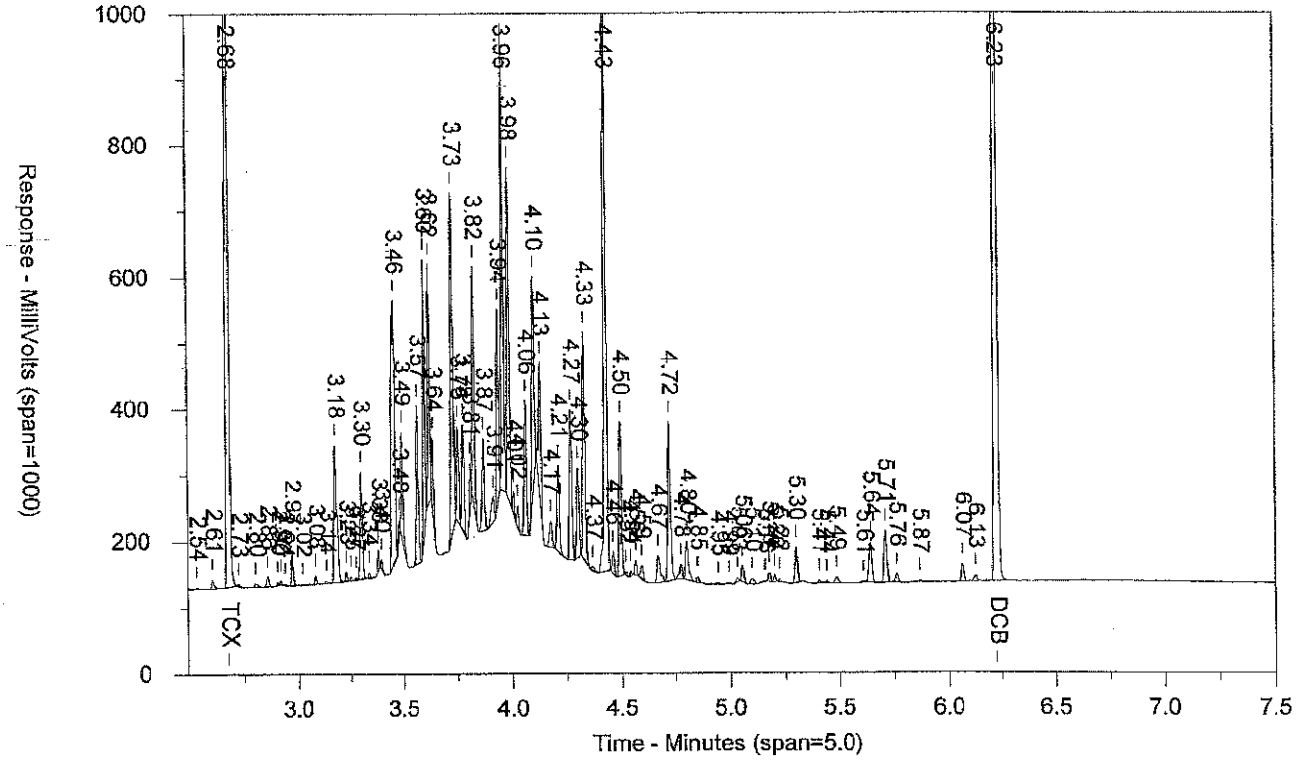

LANCASTER LABORATORIES

Sample Number: IC48X1224B AAIC48XAA CCAL 1312699999
Injected On: 5/7/2013 5:37:57 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3281829	40.896	TCX	2.682	4093658	40.567	TCX
6.451	2675066	39.977	DCB	6.226	2269648	41.115	DCB

Files:
Area File: 1p7127.029.RAW
Area File: 1p7127B.029.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:46:41 PM
File Reported On: 5/7/2013 at 5:46:44 PM

IC48X1224B AAIC48XAA CCAL 1312699999 SW-846 8082

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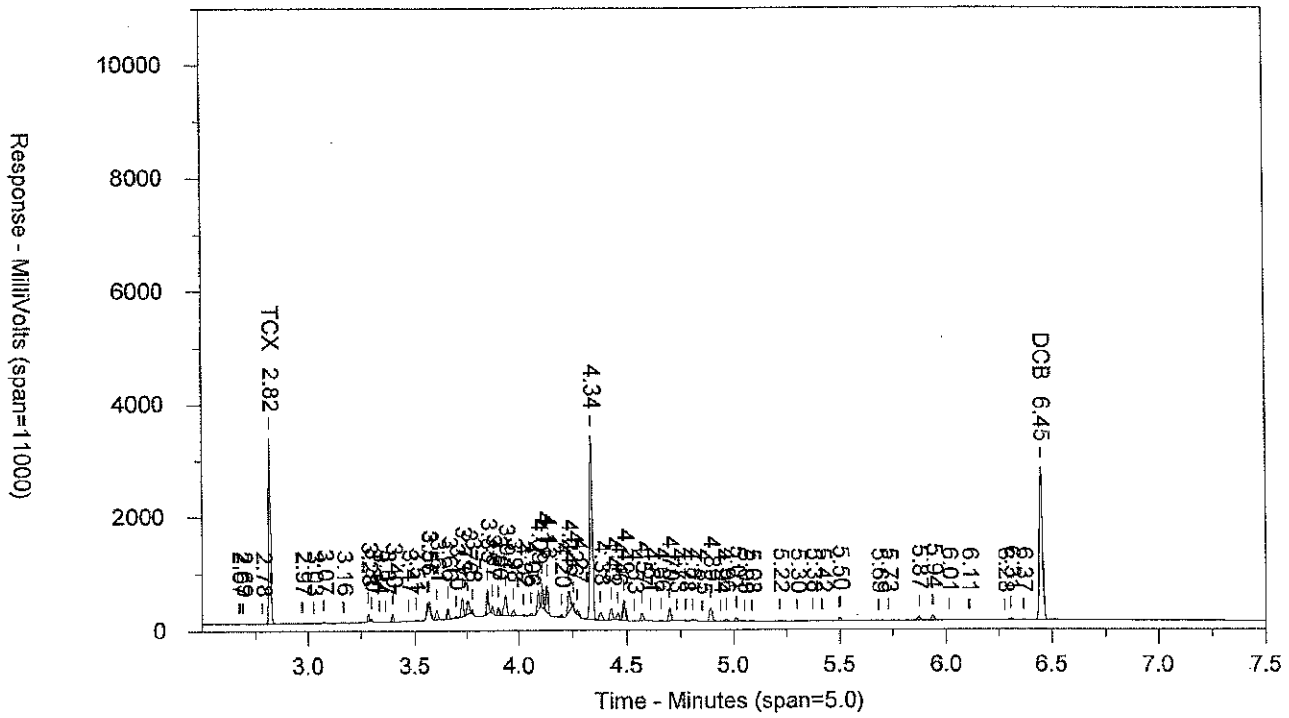

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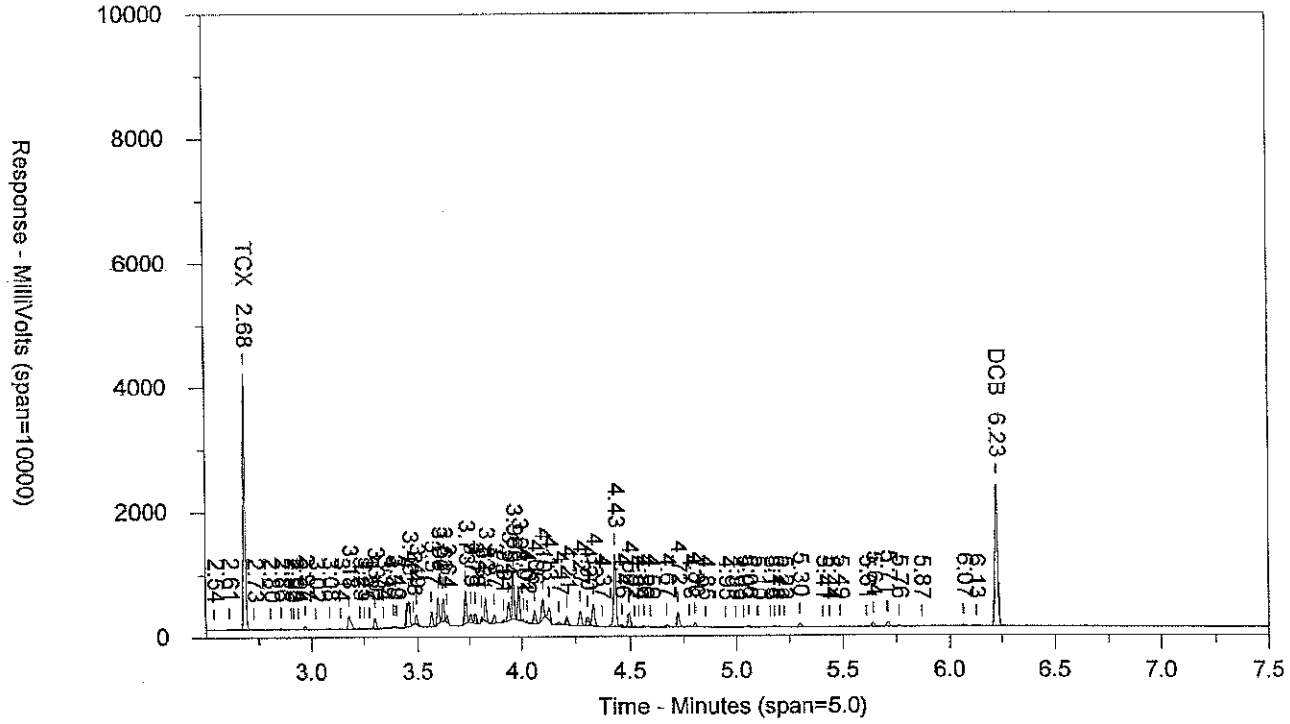

LANCASTER LABORATORIES

Sample Number: IC54X1324A AAIC54XAA CCAL 1312699999 Injection VolumeSW846 8082
Injected On: 5/7/2013 5:49:27 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127.030.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.889		3977	3214
2.003		10649	15964
2.056		2186	3363
2.117		5522	3747
2.215		25866	21015
2.339		2541	2268
2.674		4658	3884
2.74		2143	2067
2.817	TCX	3375402	2140782
2.971		2146	2045
3.015		4575	4141
3.073		7722	5383
3.1		1423	998
3.144		1478	861
3.166		1399	982
3.285		10271	6124
3.302		4201	2401
3.355		3183	3949
3.398		11544	8460
3.471		5248	3501
3.563		8172	4364
3.575		7012	5141
3.61		27426	20104
3.664		14013	11932
3.73		327048	239449
3.756		85317	72336
3.85		209021	155271
3.872		9666	5719
3.903		20535	14034
3.936		90886	78550
3.975		17711	14924
4.021		3735	4492
4.056		18736	15645
4.092		573426	401376
4.111		206690	122539
4.135		160807	120187
4.17		2436	1552
4.201		156124	125395
4.242		830484	879150
4.276		324204	252965
4.338		3122774	2412615
4.378		317758	271485
4.429		621296	529695
4.458		140630	93097
4.489		1211110	1050519
4.535		86094	100952
4.57		167950	128926
4.609		381016	386026
4.657		81401	69501
4.698		823304	783172
4.727		18191	10253
4.754		69502	57133
4.776		16236	8754

RT A	Compound A	Height A	Area A
4.806		479715	741424
4.853		13440	10863
4.894		671232	664884
4.938		74305	59490
4.964		87451	117680
5.011		880789	803131
5.033		40920	47617
5.076		27440	20514
5.119		33484	41025
5.22		261479	223676
5.241		37843	27067
5.299		47559	41745
5.337		31061	30282
5.379		15821	16666
5.421		178196	170281
5.447		22710	15450
5.481		138776	174921
5.653		4045	3713
5.686		125403	118111
5.718		19272	23079
5.784		1242	1645
5.872		53753	54156
5.936		83698	93886
6.012		2779	3288
6.112		6498	5925
6.309		30601	30241
6.367		7498	7669
6.452	DCB	2815250	2833752
6.611		1857	3938
8.361		2362	4695

LANCASTER LABORATORIES

Sample Number: IC54X1324A AAIC54XAA CCAL 1312699999 Injection Volume: 1 SW-846 8082
Injected On: 5/7/2013 5:49:27 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 1p7127B.030.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.584		1179	1373
1.839		4642	6430
1.94		1418	1989
1.971		30379	25029
2.066		12291	15583
2.111		6894	4907
2.204		3975	3826
2.539		3980	3509
2.609		9801	8874
2.682	TCX	4210530	2618372
2.804		5996	5074
2.854		5741	4611
2.902		5771	3100
2.969		11816	8305
3.019		2180	1423
3.082		1900	1356
3.135		2883	2782
3.178		18285	20465
3.229		1360	803
3.252		4561	2887
3.302		16755	12655
3.336		6733	4154
3.397		6577	8641
3.447		22056	23282
3.479		5492	2710
3.493		20080	15043
3.568		16375	11479
3.6		419799	269863
3.623		129270	75784
3.642		11987	5640
3.73		263614	184795
3.755		13394	7102
3.776		27972	19385
3.808		12223	6408
3.824		96366	61392
3.868		23388	20349
3.907		24970	21203
3.936		88798	54413
3.96		978203	686919
3.985		93773	54316
4.006		81361	44536
4.024		146534	92208
4.061		847633	631388
4.094		323094	228771
4.115		209944	134984
4.175		71946	56188
4.211		327685	270908
4.27		701684	555288
4.304		181854	134390
4.332		1250215	971207
4.371		92994	93162
4.431		1400699	1215915
4.463		90919	72652
4.497		813164	620472

4.521		118409	80240
4.565		479620	406318
4.592		24927	16224
4.671		508368	479934
4.723		601897	510796
4.764		146589	132597
4.804		919056	949094
4.853		74000	48669
4.875		26043	17252
4.939		14278	15304
4.994		48055	46909
5.031		51274	37957
5.057		285298	246927
5.106		41442	40553
5.143		30715	24649
5.173		13891	13065
5.204		137081	102733
5.225		89989	58677
5.301		43455	41033
5.407		5900	5717
5.441		6276	4828
5.485		130688	132659
5.643		51085	46041
5.686		4272	2964
5.711		70930	62691
5.762		11390	10606
5.866		7375	6721
6.066		27272	23920
6.128		6081	5804
6.225	DCB	2359306	2157171
6.626		1432	2022

IC54X1324A AAIC54XAA CCAL 1312699999 SW-846 8082

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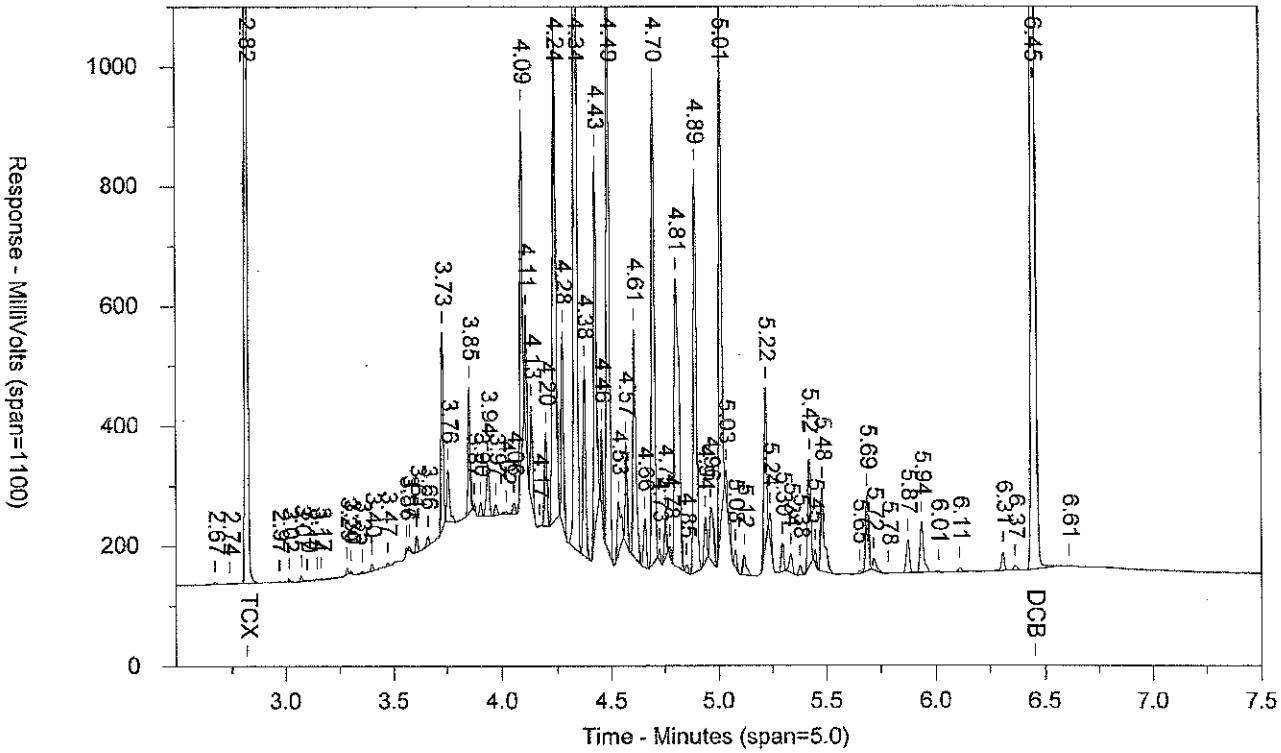

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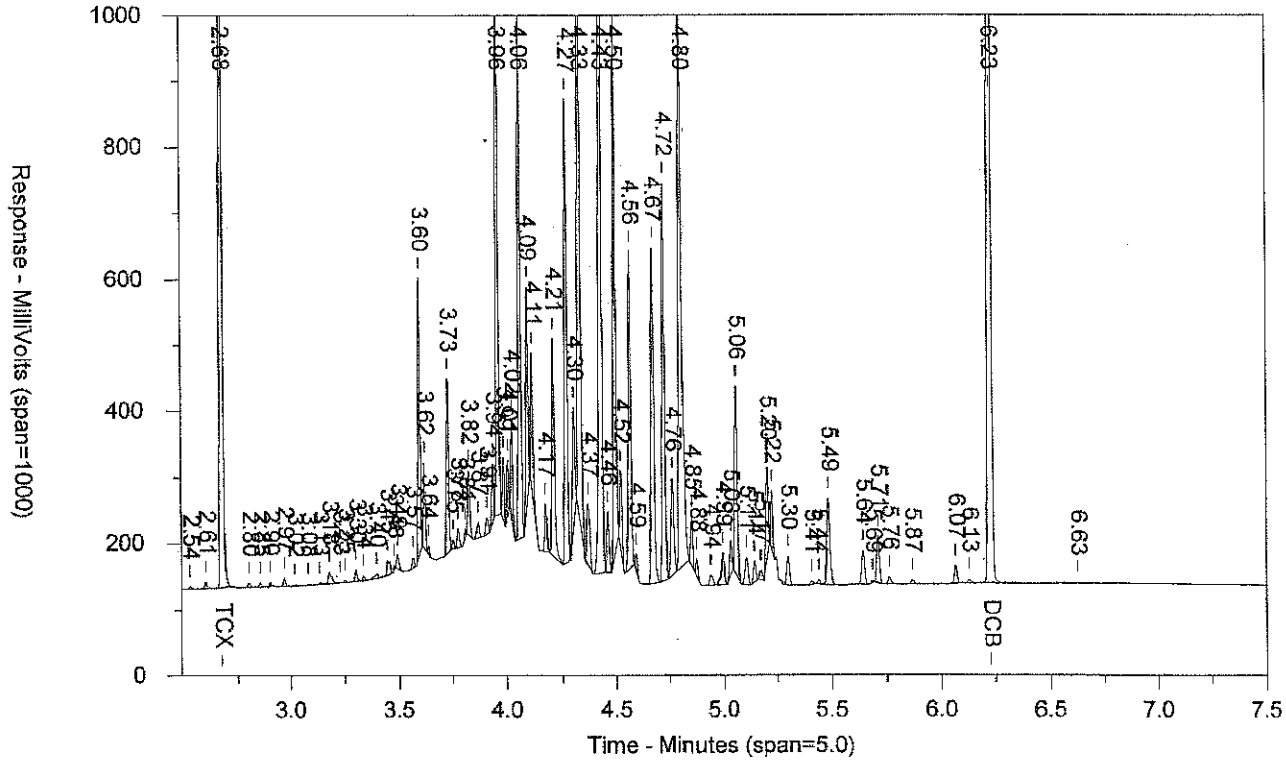

LANCASTER LABORATORIES

Sample Number: IC54X1324A AAIC54XAA CCAL 1312699999
Injected On: 5/7/2013 5:49:27 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.817	3375402	42.062	TCX	2.682	4210530	41.725	TCX
6.452	2815250	42.071	DCB	6.225	2359306	42.739	DCB

Files:
Area File: 1p7127.030.RAW
Area File: 1p7127B.030.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/7/2013 5:58:10 PM
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IC54X1324A AAIC54XAA CCAL 1312699999 SW-846 8082

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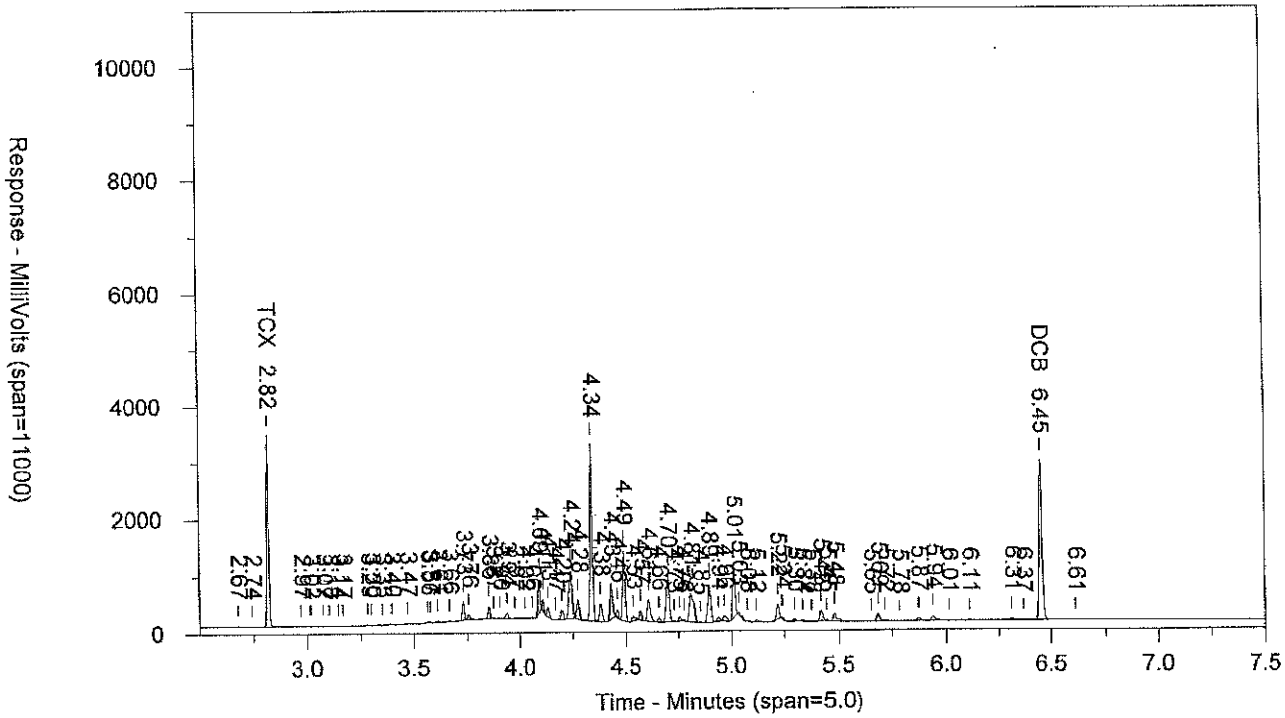

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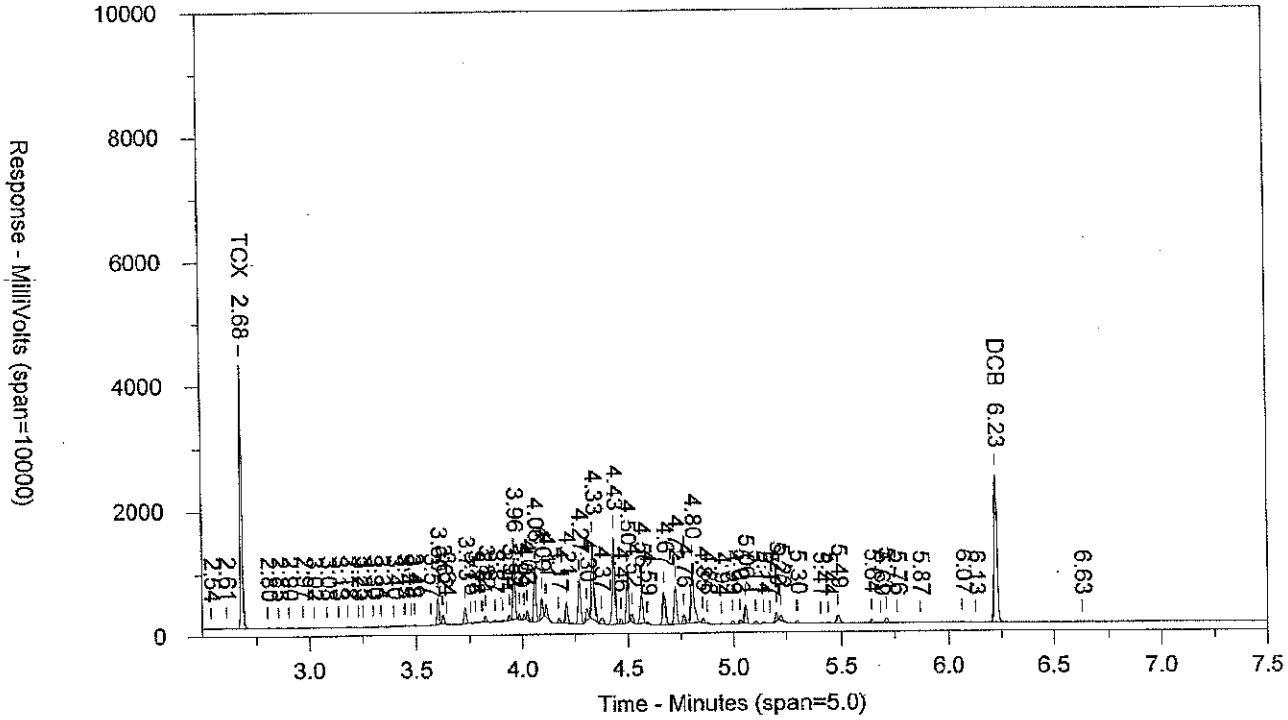

LANCASTER LABORATORIES

Sample Number: AR1631324B ZAAR163ZA CCAL 1313499999 Injection Volume: EPA 608
Injected On: 5/15/2013 11:58:13 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.019.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.993		5703	26392
2.115		4533	3698
2.214		21136	17356
2.459		3495	3279
2.671		9195	7665
2.816	TCX	3175593	2019589
2.967		38124	32038
3.024		52883	38974
3.072		251796	174129
3.163		32102	21923
3.283		260778	155778
3.299		113599	61327
3.336		31055	17514
3.366		23583	13294
3.397		313713	240077
3.433		1463	860
3.469		10556	7264
3.505		71737	40049
3.518		32733	15584
3.562		103413	74119
3.572		343785	176094
3.607		414377	301532
3.663		362757	261552
3.7		29439	20448
3.728		246093	173846
3.755		183530	151522
3.776		56222	30267
3.849		281887	198235
3.872		96468	62589
3.901		111820	76807
3.936		288878	282044
3.973		94239	74397
4.02		14016	10417
4.057		17063	14076
4.09		263690	191278
4.11		77326	42308
4.133		86354	62548
4.2		33288	32525
4.242		252757	244911
4.274		5236	3489
4.336		1342	1100
4.375		15432	14566
4.442		132115	157265
4.487		143575	125656
4.533		337094	365543
4.57		70452	48276
4.608		715671	659419
4.653		2169	1929
4.695		70600	81707
4.725		4520	2885
4.753		100696	96151
4.805		887711	1034921
4.851		202295	188124

RT A	Compound A	Height A	Area A
4.895		411758	457332
4.975		74082	87733
5.009		933418	888192
5.032		25872	11225
5.075		618924	578287
5.118		359698	346021
5.214		87603	74017
5.239		632455	571647
5.297		332979	306563
5.336		163808	159719
5.378		33571	34992
5.422		200802	199038
5.479		1647681	1751712
5.648		1464	1166
5.685		1049734	990397
5.739		305064	571490
5.871		52473	54925
5.934		31595	22174
5.956		171268	147501
6.008		6169	6228
6.112		464576	464994
6.156		28644	28372
6.309		151431	153128
6.366		39147	43100
6.451	DCB	2876864	2924444
8.363		2237	4222

LANCASTER LABORATORIES

Sample Number: AR1631324B ZAAR163ZA CCAL 1313499999 Injection Volume: 1 uEPA 608
Injected On: 5/15/2013 11:58:13 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.019.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.97		26555	22289
2.054		5189	10169
2.109		6456	4693
2.297		1668	3674
2.361		4228	3355
2.426		1234	1066
2.538		1393	1225
2.608		18485	14560
2.68	TCX	3985853	2523463
2.726		31871	23414
2.803		2960	2692
2.853		64037	43304
2.915		76342	52528
2.967		346155	225705
3.018		2332	1414
3.081		45567	30835
3.176		433439	453128
3.228		52328	33689
3.249		23276	13100
3.274		39406	23124
3.299		407368	298431
3.334		14442	8683
3.38		109135	60123
3.396		62514	29922
3.447		137485	74900
3.456		482887	221253
3.491		449271	364755
3.565		453750	305994
3.598		290385	184712
3.622		307191	180408
3.64		97011	51218
3.728		380708	278123
3.752		127245	74973
3.774		135148	88116
3.806		73596	38279
3.822		317421	201408
3.866		119966	92824
3.911		16685	14513
3.934		92650	58679
3.958		374896	267927
3.983		95917	59366
4.004		12172	6090
4.022		33689	21505
4.059		286415	217465
4.096		15059	10072
4.112		19727	16371
4.171		2995	3581
4.209		16886	26793
4.268		60140	47712
4.313		91774	54880
4.343		338002	307530
4.37		137084	145110
4.424		765646	638454
4.47		11205	8452

4.494		43397	29091
4.519		169808	136331
4.563		917917	775689
4.67		796239	759726
4.726		99819	88578
4.763		221972	192993
4.802		814899	731694
4.834		562979	436915
4.874		355560	303340
4.939		1607	1444
4.977		139377	139437
5.03		700623	600267
5.055		52866	33178
5.104		365234	357311
5.141		164233	131478
5.168		117236	99363
5.201		23148	13418
5.224		1604505	1390343
5.265		32341	25635
5.299		77361	68407
5.415		17002	10938
5.44		369148	328785
5.486		1104097	1148700
5.64		52172	49080
5.684		23621	17415
5.708		48925	39829
5.759		198622	189522
5.864		443280	400994
5.895		23102	16981
6.063		137973	124820
6.124		29383	29201
6.222	DCB	2547419	2315423
6.397		1676	1622

AR1631324B ZAAR163ZA CCAL 1313499999 EPA 608

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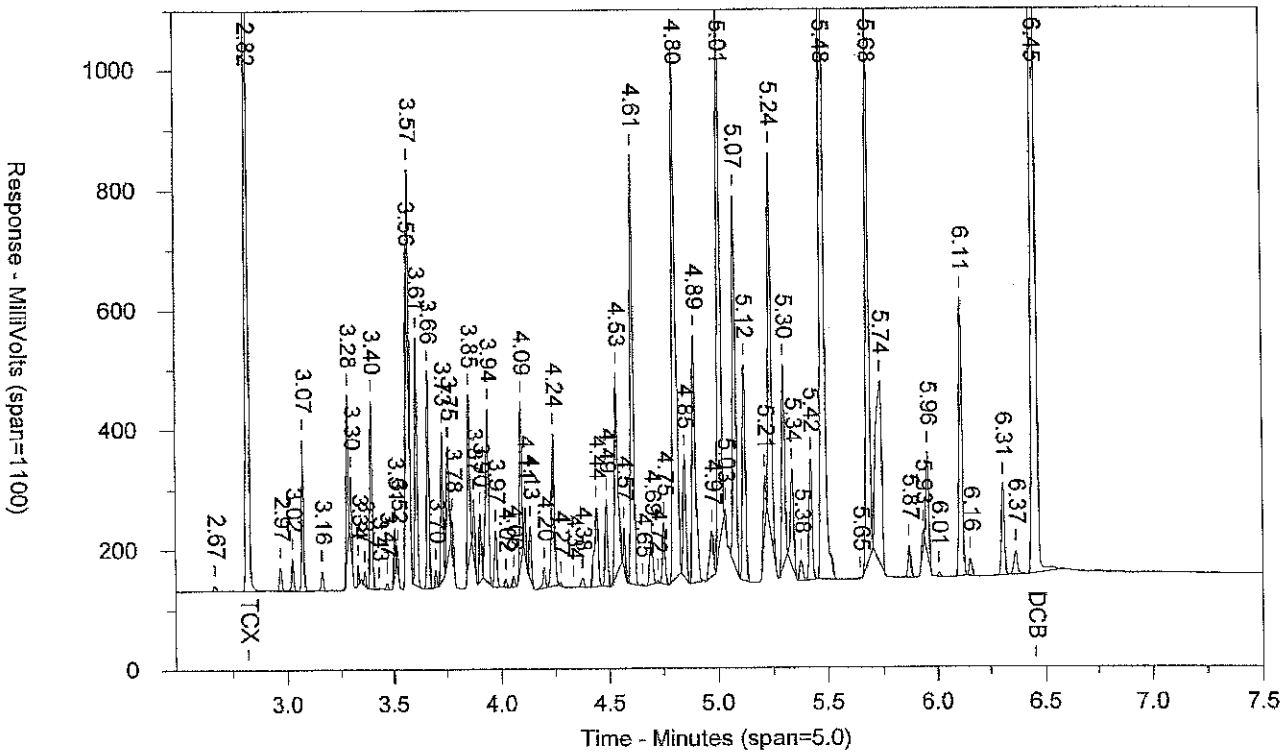

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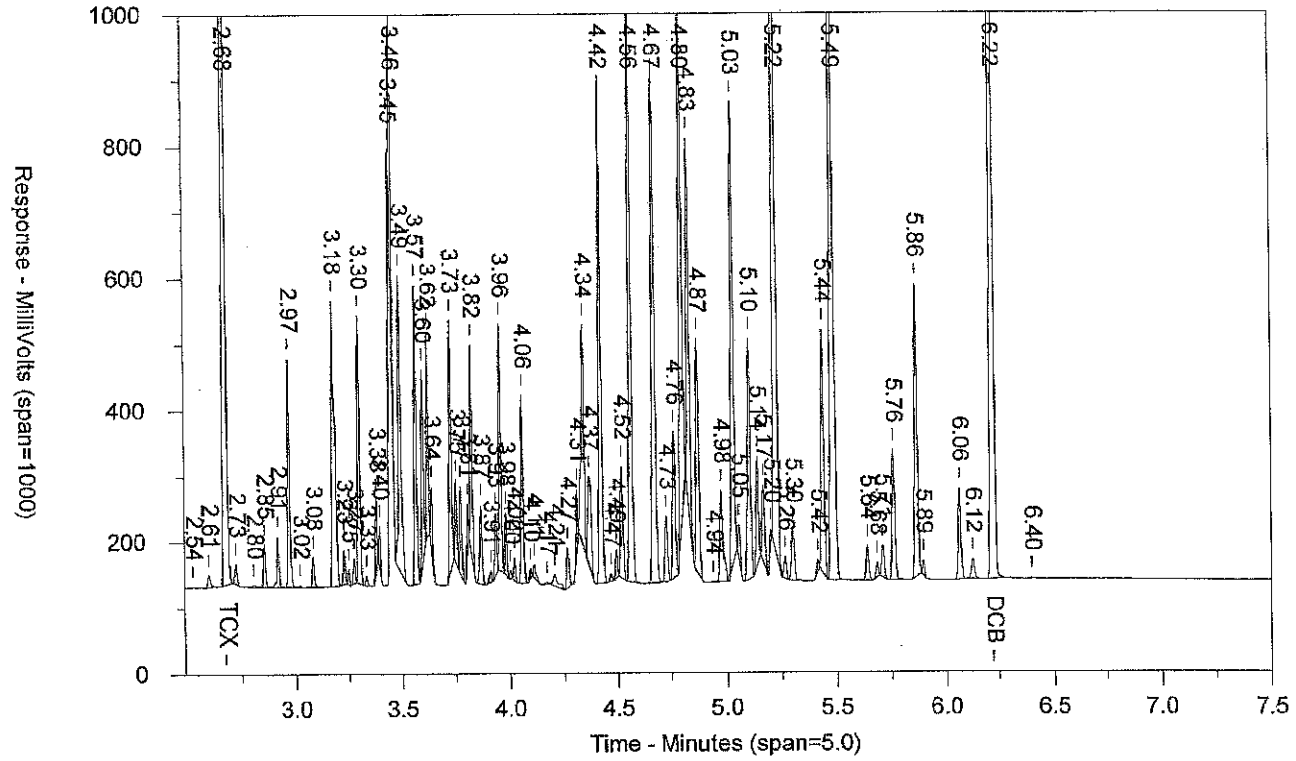

LANCASTER LABORATORIES

Sample Number: AR1631324B ZAAR163ZA CCAL 1313499999
Injected On: 5/15/2013 11:58:13 AM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: EPA 608
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	3175593	39.572	TCX	2.68	3985853	39.499	TCX
6.451	2876864	42.992	DCB	6.222	2547419	46.146	DCB

Files:
Area File: BP7127.019.RAW
Area File: BP7127B.019.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 12:06:55 PM
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AR1631324B ZAAR163ZA CCAL 1313499999 EPA 608

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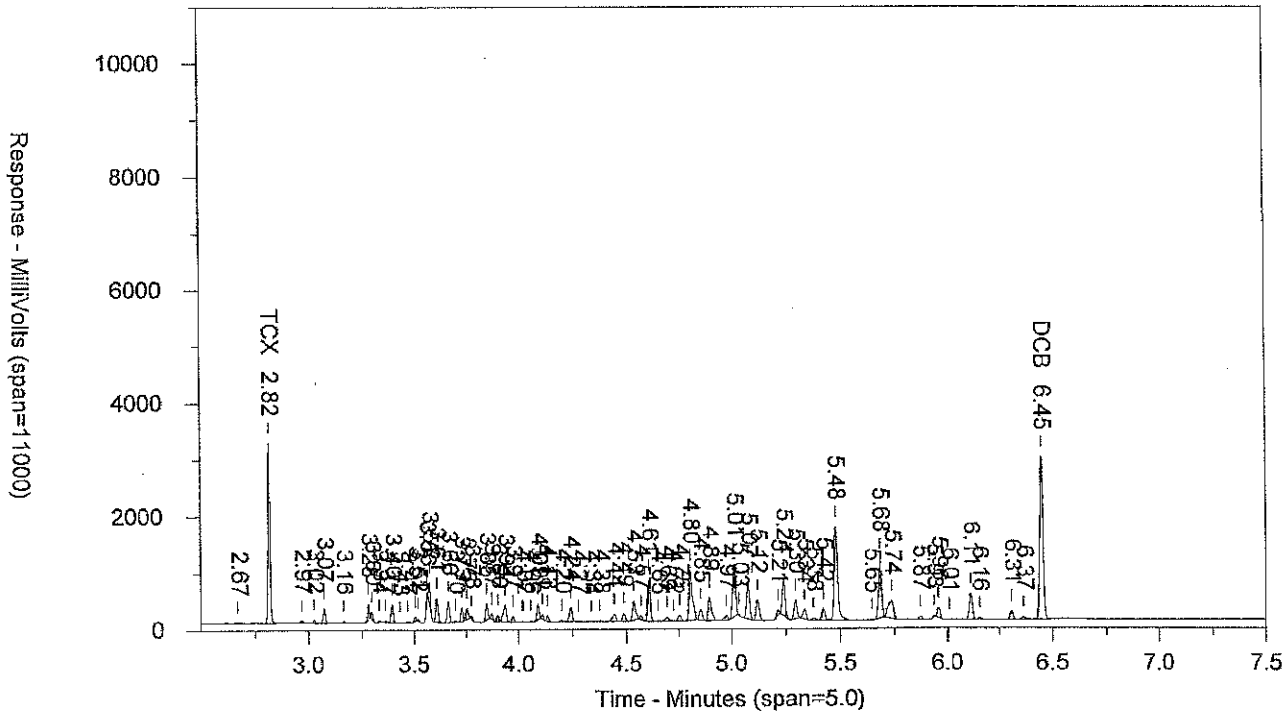

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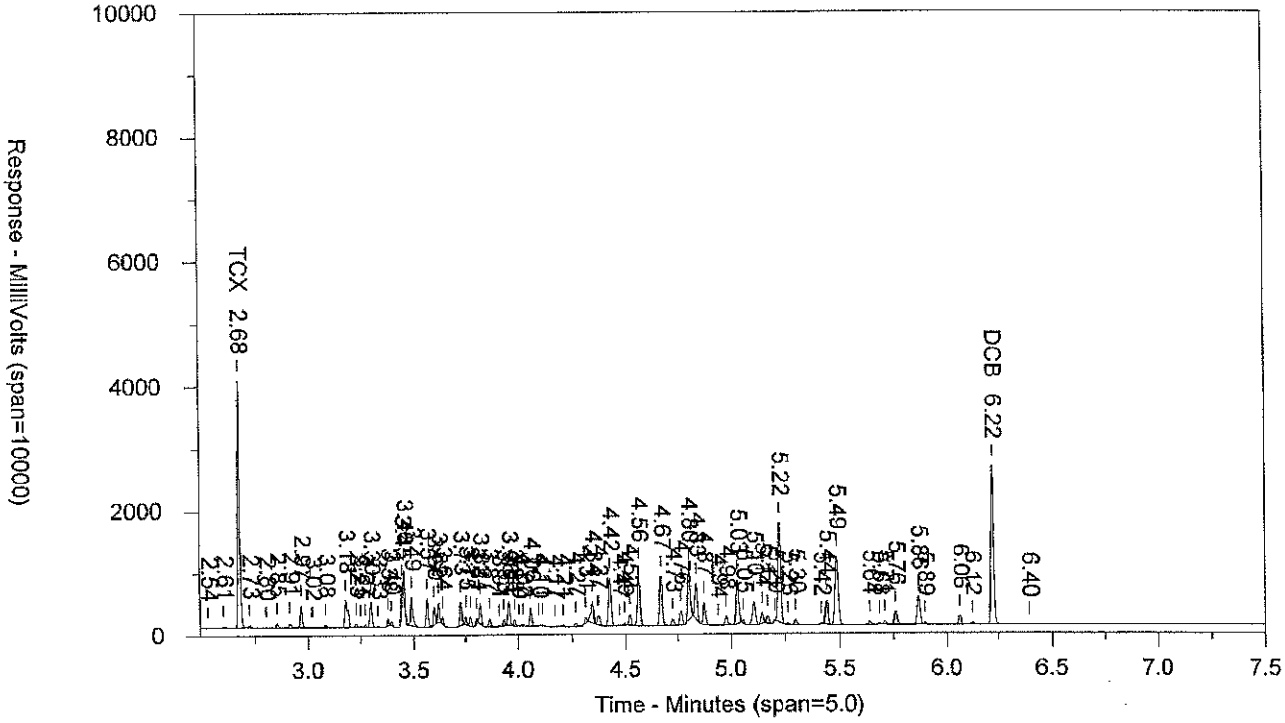

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FEPIBLKFE PIBLK1313499999 Injection Volume SW-846 8082
Injected On: 5/15/2013 12:09:34 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.020.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.547		3037	3765
1.614		1492	2640
1.889		2782	2506
1.987		3774	6056
2.115		2450	1642
2.214		15781	12484
2.34		2320	1919
2.371		115681	74684
2.414		20618	13205
2.65		46047	28230
2.671		7994	5555
2.816	TCX	1586030	1012408
2.855		9577	6028
3.012		2964	2072
3.1		1105	795
3.147		1717	2015
3.208		29940	17575
3.227		9358	5348
3.272		3667	3259
3.305		7687	4595
3.431		2333	1781
3.46		4822	4255
3.52		45276	31455
3.553		3605	3817
3.607		1893	1965
3.632		2197	1512
3.744		2673	5054
3.783		7105	4986
3.821		2338	1895
3.969		6664	5870
4.058		2337	3055
4.195		1240	2982
4.238		2605	4665
4.387		2122	2854
4.429		1530	1469
4.736		5854	8425
4.772		3395	3618
4.802		1838	2679
4.852		1394	1639
4.891		1496	1693
4.964		2168	1964
5.009		1297	1159
5.079		1862	2803
5.242		3919	6085
5.36		8698	9165
5.416		2587	2685
5.497		8697	12090
5.646		4099	3994
5.683		2208	1980
5.762		2060	2725
5.836		4154	3831
5.87		19468	18115
5.934		27845	31044

RT A	Compound A	Height A	Area A
6.008		17541	22144
6.308		14464	26524
6.364		519821	604089
6.45	DCB	1519612	1512835
6.535		7280	8609
6.586		138305	196038
7.227		1961	2600
8.36		2437	4575

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FEPIBLKFE PIBLK1313499999 Injection Volume: 1 SW-846 8082
Injected On: 5/15/2013 12:09:34 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.020.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.551		3057	3268
1.589		1533	1446
1.613		2108	2045
1.837		2726	2296
1.936		1084	1680
1.969		20363	16561
2.052		4048	4936
2.109		3519	2844
2.205		3303	4183
2.296		1488	3088
2.36		2531	1770
2.427		153470	93546
2.487		28042	19037
2.546		3206	3662
2.608		16380	11572
2.628		7466	3476
2.68	TCX	2098231	1333441
2.784		5094	2755
2.857		2032	2547
2.901		3445	2147
2.99		2308	1373
3.022		2531	2652
3.133		2589	2424
3.186		2637	2149
3.242		18481	12308
3.268		35549	20323
3.342		4714	5367
3.401		2807	2848
3.439		59689	37902
3.558		2238	1512
3.593		2053	1650
3.616		2587	1783
3.646		2749	2526
3.727		4362	5676
3.78		1692	2970
3.842		1976	1102
3.866		7252	4643
3.902		2760	3424
3.98		1784	1408
4.052		7064	4739
4.1		1368	1134
4.166		4346	6295
4.236		4238	3743
4.281		3132	6626
4.331		3497	4027
4.448		2360	4091
4.687		4938	5200
4.737		4522	5126
4.776		2082	1586
4.799		2049	1729
5.033		3073	4419
5.101		1410	1116
5.179		3494	3544
5.221		2222	1783

5.298		8667	7310
5.329		2403	2864
5.405		3870	3284
5.434		1636	1360
5.484		3015	2897
5.618		2150	1248
5.639		18548	15260
5.709		22405	22136
5.767		13043	11883
5.84		1494	1141
5.954		8281	7789
6.031		3013	2681
6.063		13841	11717
6.125		419181	455157
6.222	DCB	1280575	1182447
6.294		7072	5959
8.467		1383	2324

IBLKX1324D FEPIBLKFE PIBLK1313499999 SW-846 8082

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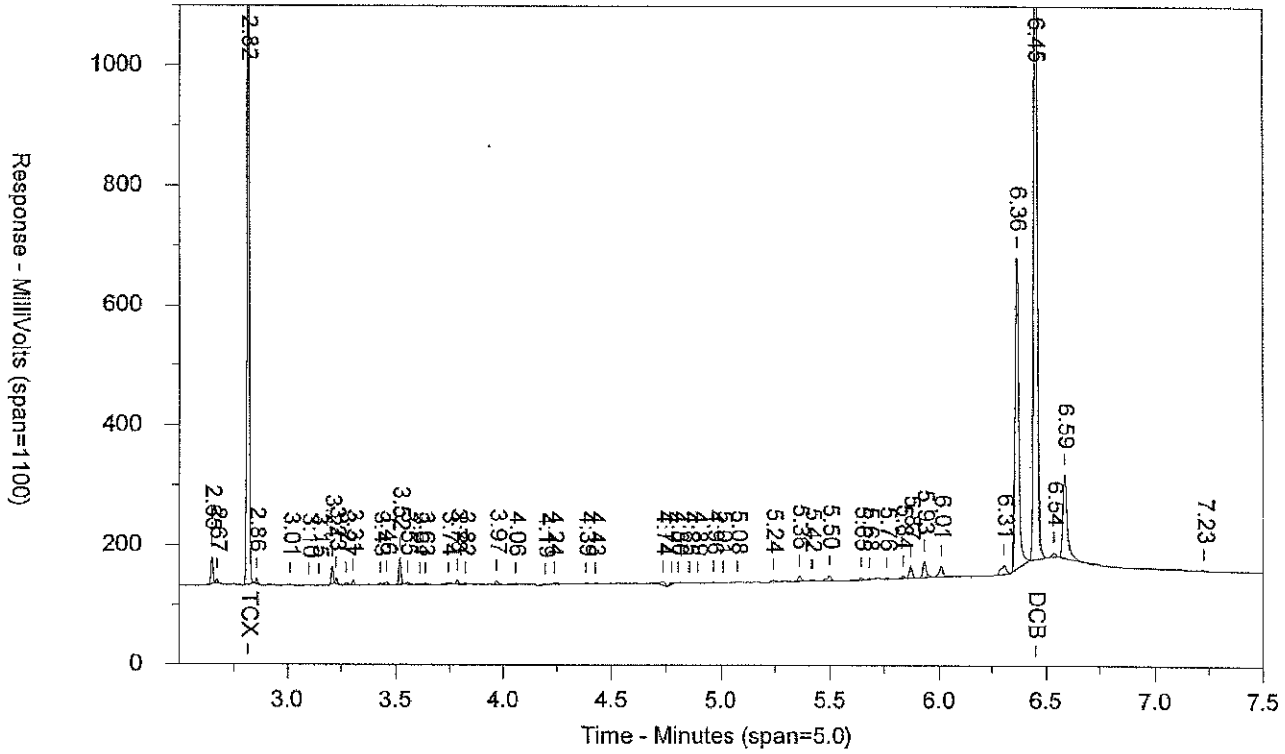

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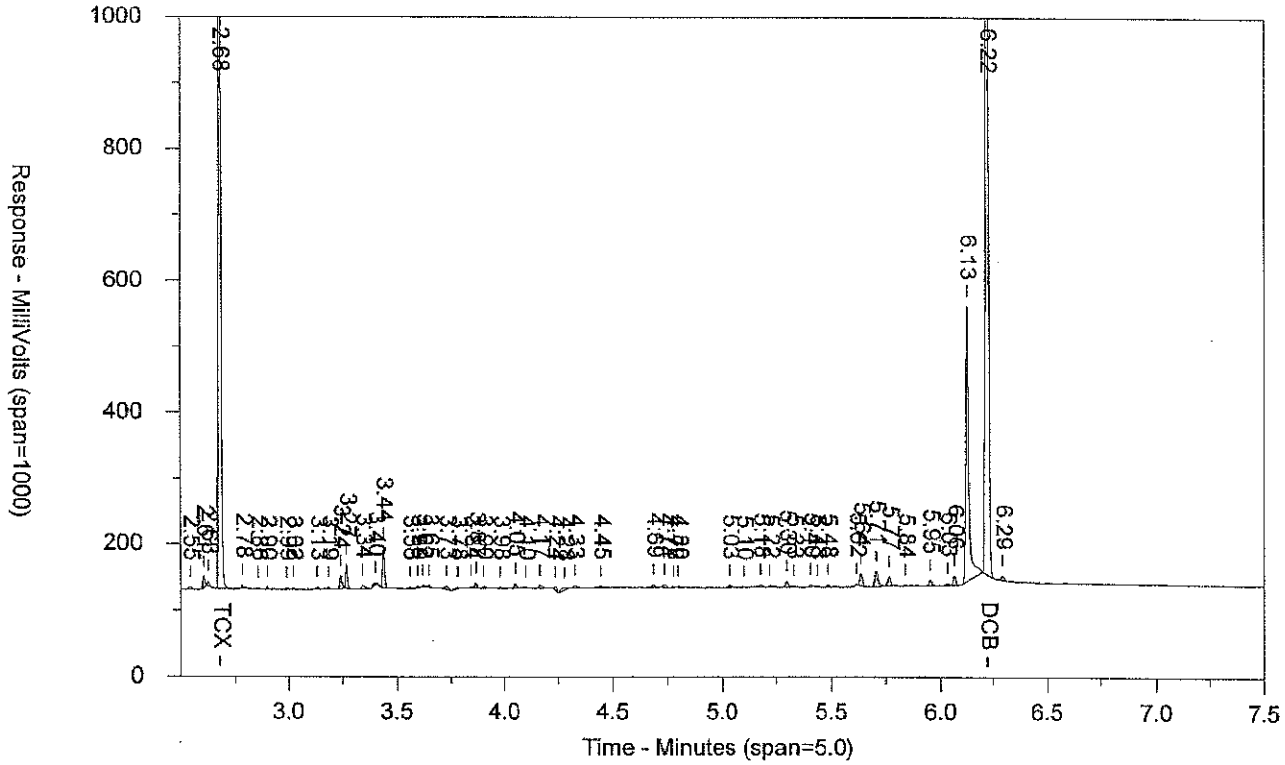

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FEPIBLKFE PIBLK1313499999
Injected On: 5/15/2013 12:09:34 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW0846 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	1586030	.198	TCX	2.68	2098231	.208	TCX
6.45	1519612	.227	DCB	6.222	1280575	.232	DCB

Files:
Area File: BP7127.020.RAW
Area File: BP7127B.020.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 12:18:19 PM
File Reported On: 5/15/2013 at 12:18:25 PM

IBLKX1324D FEPIBLKFE PIBLK1313499999 SW-846 8082

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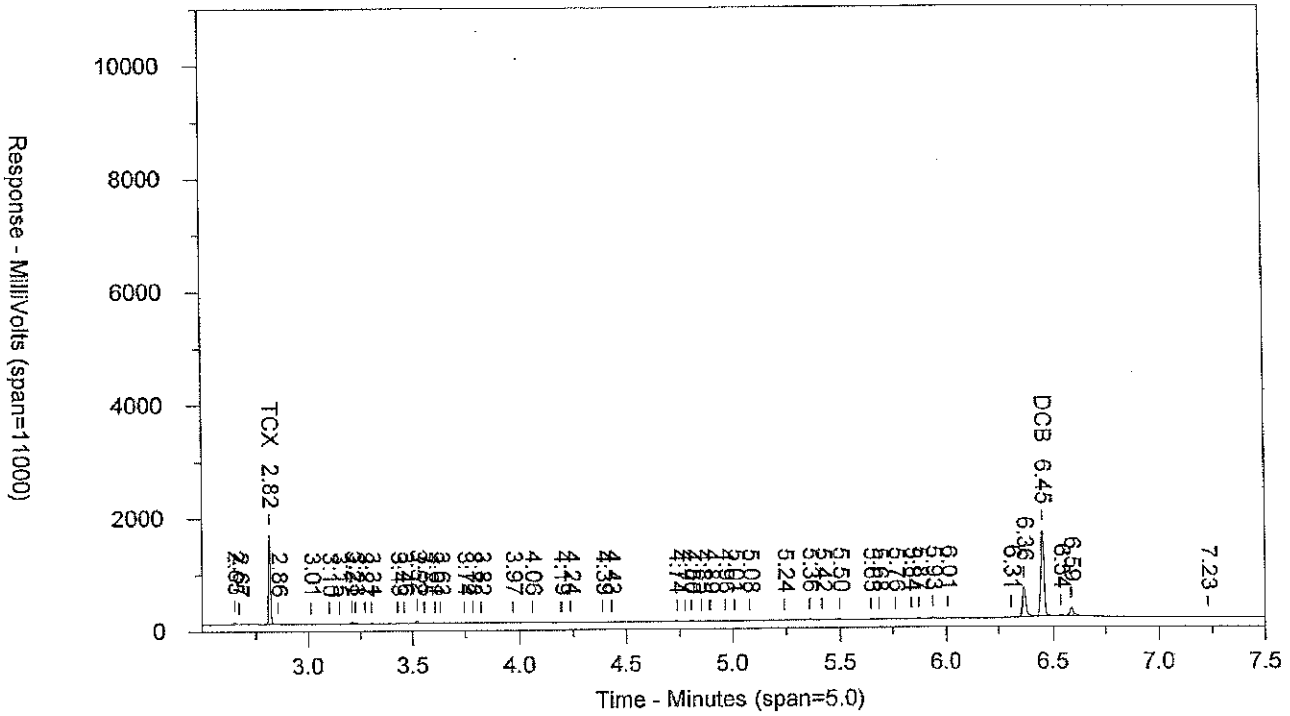

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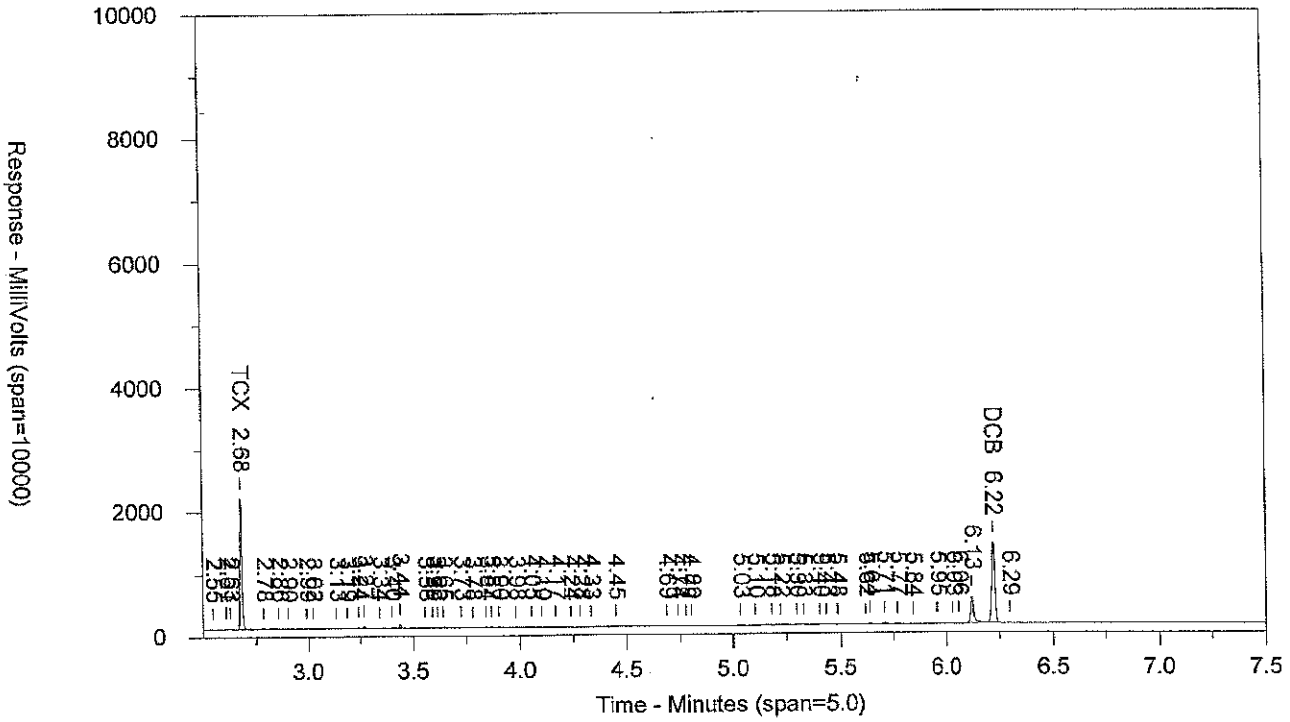

LANCASTER LABORATORIES

Sample Number: AR1631324B ZGAR163ZG CCAL 1313499999 Injection Volume: $W-846 8082
Injected On: 5/15/2013 2:14:52 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.031.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
2.027		4258	19755
2.114		4531	3373
2.213		13927	12433
2.27		835	1488
2.459		2952	3146
2.671		8523	6771
2.815	TCX	3190289	2034709
2.967		38660	32076
3.024		54926	38971
3.071		248022	175102
3.163		32400	22226
3.283		276440	159786
3.299		126825	64655
3.335		30409	17504
3.366		24244	13794
3.395		324049	242059
3.432		1662	907
3.468		10613	7270
3.504		73907	41425
3.518		34163	16137
3.561		140458	87344
3.571		317316	163149
3.606		422830	303782
3.662		354685	264186
3.7		29081	20407
3.727		237156	174570
3.754		179778	150999
3.776		60591	30957
3.848		279204	199802
3.871		100349	61550
3.901		113998	77353
3.935		280398	283472
3.973		96569	74555
4.018		13913	10635
4.057		16314	13707
4.09		263669	192187
4.109		77446	43300
4.132		85833	61025
4.199		32796	29579
4.241		251991	244247
4.273		5337	3247
4.335		1570	1176
4.376		13802	13380
4.441		125002	156916
4.486		146076	125403
4.532		348597	366457
4.568		66678	47769
4.608		730403	659261
4.651		1812	1658
4.694		70459	81949
4.724		5148	3192
4.752		117467	111369
4.804		859170	1034767

RT A	Compound A	Height A	Area A
4.851		206110	188990
4.894		409171	456199
4.935		2896	1361
4.973		76716	87528
5.008		926053	886390
5.032		32252	13993
5.074		618071	578184
5.117		353314	346429
5.213		80530	67945
5.237		622024	569859
5.295		328093	303711
5.336		166279	158082
5.377		34438	35067
5.422		201891	197914
5.478		1731957	1747865
5.644		1143	775
5.684		996673	989452
5.737		294845	573915
5.87		51604	51358
5.934		30601	21882
5.955		169491	146636
6.008		4410	4373
6.111		458714	465295
6.156		29195	28084
6.308		151787	152025
6.365		26085	29094
6.45	DCB	2887480	2875256
6.519		2468	3528

LANCASTER LABORATORIES

Sample Number: AR1631324B ZGAR163ZG CCAL 1313499999 Injection Volume: 1 ulSW-846 8082
Injected On: 5/15/2013 2:14:52 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.031.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.588		1243	1301
1.969		17993	16662
2.109		10138	28511
2.303		1247	2801
2.361		3982	2892
2.426		1199	922
2.608		15915	14095
2.68	TCX	4078831	2534391
2.725		31921	23798
2.802		2409	2098
2.852		64244	43034
2.914		75250	52840
2.967		346200	227247
3.018		2074	1414
3.08		46118	30828
3.176		429837	456282
3.227		52883	33921
3.248		23563	13118
3.273		39279	23337
3.299		415187	300260
3.334		14339	8789
3.38		109914	60105
3.395		61306	30294
3.446		150037	78445
3.455		460915	219227
3.49		450726	367065
3.565		465506	307338
3.598		297845	185287
3.622		310550	181676
3.639		101039	51348
3.728		386735	278391
3.751		139970	81161
3.774		136767	88803
3.805		76854	40686
3.822		325857	203347
3.865		120458	93558
3.91		17125	14199
3.933		94308	59259
3.957		385382	268010
3.982		97740	59609
4.003		12239	6016
4.021		33428	21213
4.058		280950	217324
4.095		14372	9770
4.112		20156	16648
4.168		2617	3014
4.208		14454	17543
4.267		59661	45990
4.313		87320	53067
4.342		334084	304763
4.369		138533	146226
4.423		771632	637199
4.469		11344	8239
4.493		42142	28829

4.519		171003	135376
4.562		938163	771221
4.67		792780	757251
4.725		99207	87827
4.763		217388	194291
4.801		809903	729545
4.833		559950	432478
4.872		355291	303069
4.94		1517	1464
4.976		136197	139115
5.028		685153	600048
5.054		52230	32474
5.104		366001	355925
5.14		162853	132611
5.167		117608	99478
5.2		20137	13496
5.222		1595821	1378905
5.264		31365	24765
5.298		78534	68024
5.414		16546	11526
5.439		369775	327917
5.484		1058327	1140266
5.639		49795	44843
5.683		21791	16670
5.708		47096	38845
5.758		198526	186482
5.864		443327	394853
5.895		22600	16854
6.063		136015	122851
6.124		20714	19111
6.223	DCB	2490231	2268298
6.4		1478	1324

AR1631324B ZGAR163ZG CCAL 1313499999 SW-846 8082

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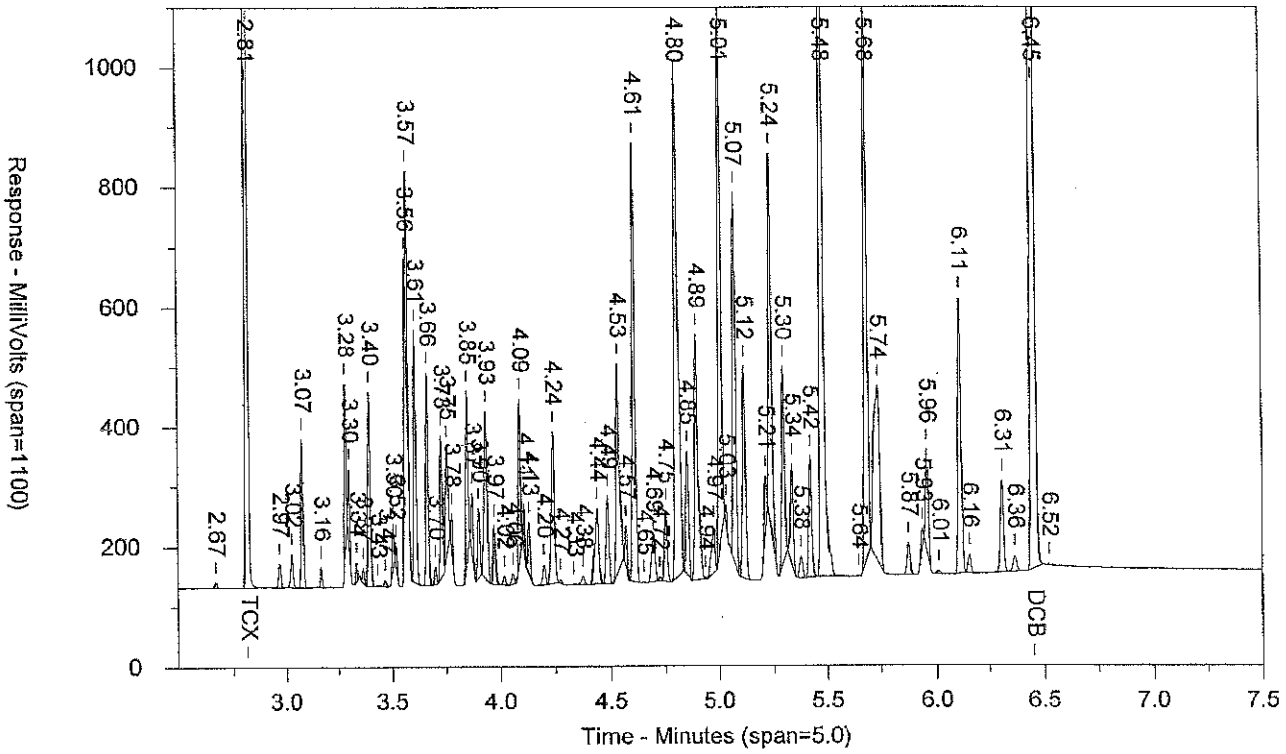

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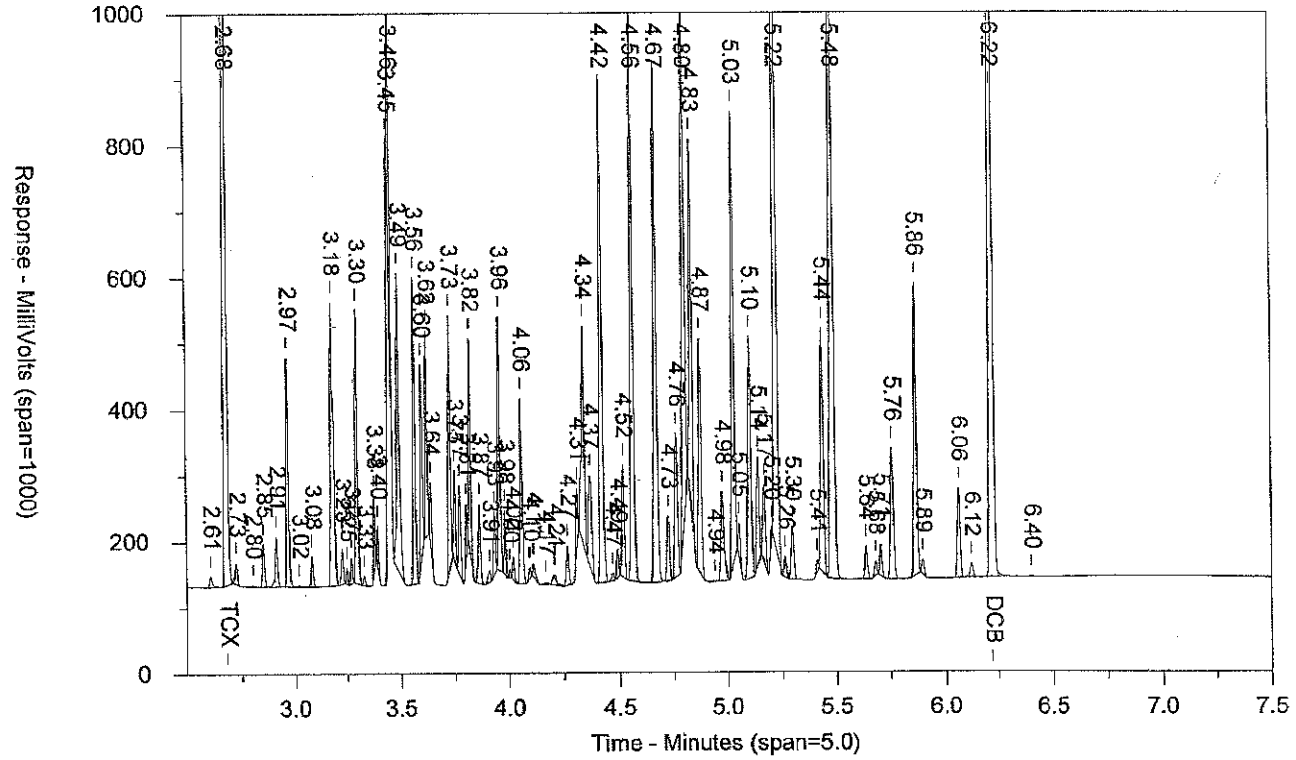

LANCASTER LABORATORIES

Sample Number: AR1631324B ZGAR163ZG CCAL 1313499999
Injected On: 5/15/2013 2:14:52 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3190289	39.755	TCX	2.68	4078831	40.42	TCX
6.45	2887480	43.151	DCB	6.223	2490231	45.111	DCB

Files:
Area File: BP7127.031.RAW
Area File: BP7127B.031.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 2:23:34 PM
File Reported On: 5/15/2013 at 2:23:37 PM

AR1631324B ZGAR163ZG CCAL 1313499999 SW-846 8082

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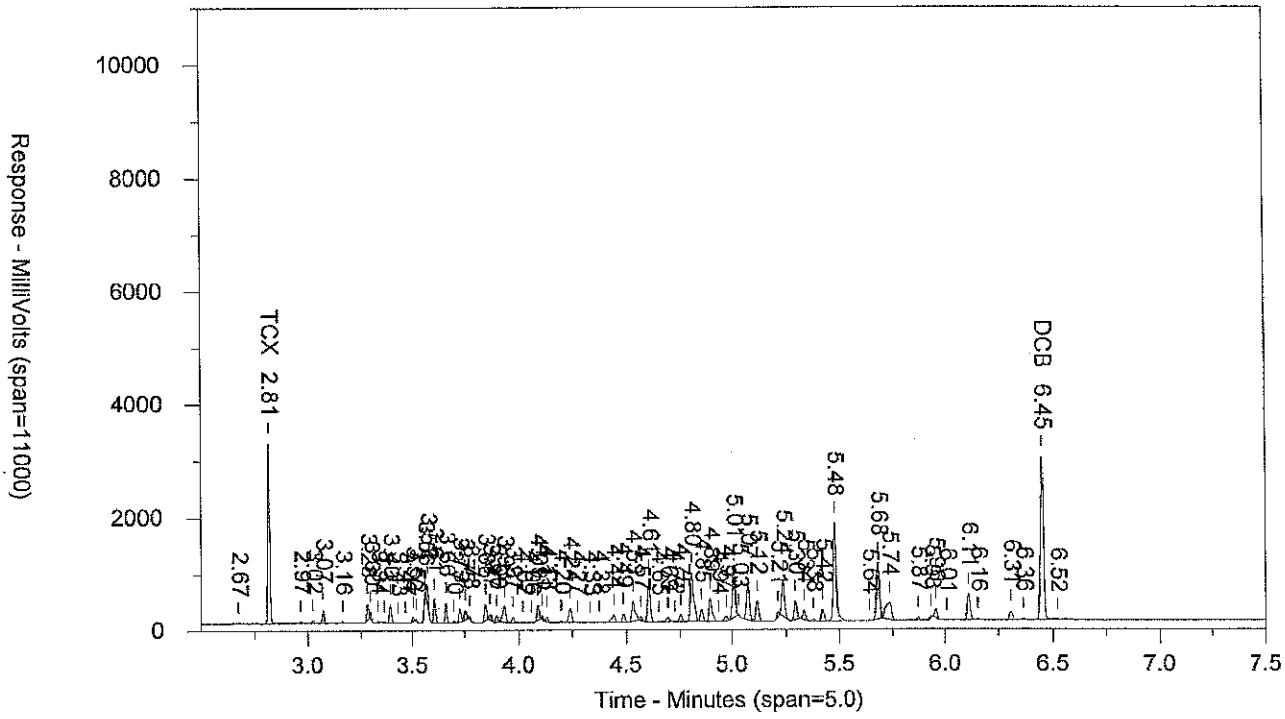

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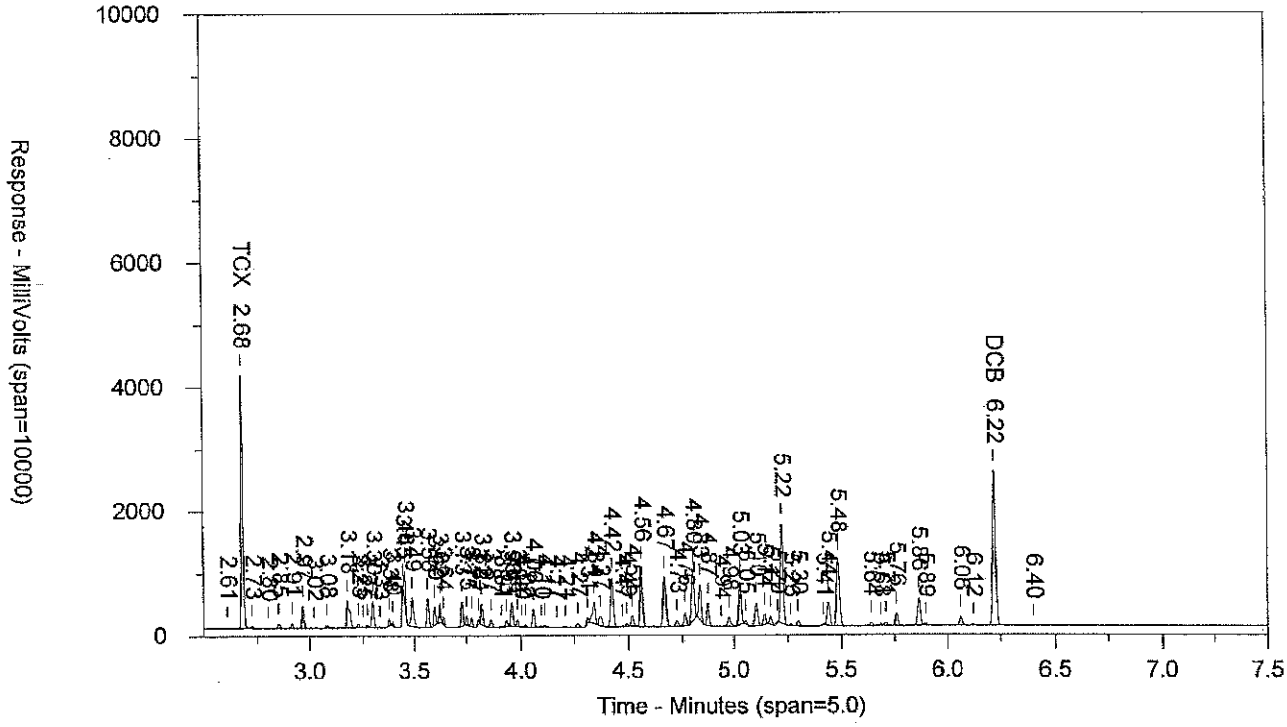

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FKPIBLKFK PIBLK1313499999 Injection VolumeSW-846 8082
Injected On: 5/15/2013 2:26:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.032.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2769	3280
1.615		1377	1596
1.888		1885	1794
2.034		4831	25589
2.115		3744	5924
2.214		15953	13194
2.27		864	1075
2.34		1415	1077
2.371		106670	67552
2.413		18845	12223
2.649		43436	26198
2.671		9183	6313
2.815	TCX	1551277	1004927
2.854		9101	5890
3.012		2794	1949
3.147		1374	1019
3.208		30277	18058
3.227		7846	4515
3.272		3009	3125
3.305		8535	5244
3.43		1733	1220
3.459		4084	3716
3.519		43395	29755
3.552		1909	2836
3.607		2006	2054
3.744		2258	5004
3.783		6967	5232
3.823		1991	1416
3.969		6920	6000
4.057		1312	1513
4.188		1514	3351
4.24		2770	4569
4.392		1428	1899
4.429		1460	1335
4.53		995	1056
4.734		4657	6887
4.77		3826	3762
4.804		2106	2552
4.854		1627	1921
4.962		2374	2220
5.009		1954	1578
5.08		1944	2990
5.246		3517	5720
5.361		7705	8640
5.419		1946	1868
5.498		7761	11916
5.645		3045	2779
5.683		2224	1896
5.724		2362	3568
5.763		2385	2939
5.837		2779	2454
5.871		18149	17325
5.934		26675	30720

RT A	Compound A	Height A	Area A
6.009		12268	16513
6.309		11378	11007
6.366		346422	397277
6.451	DCB	1436263	1517707
6.536		6674	10232
6.585		297788	370326
7.227		2039	2797

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FKPIBLKFK PIBLK1313499999 Injection Volume: 1 GW-846 8082
Injected On: 5/15/2013 2:26:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.032.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.549		2751	2856
1.59		1347	1135
1.613		1829	1736
1.839		1981	1944
1.936		1936	2853
1.969		20100	16281
2.084		1832	7406
2.109		3626	3227
2.205		2524	3737
2.3		889	810
2.36		2316	1888
2.426		140940	85920
2.47		1774	890
2.487		25169	14858
2.547		2898	2884
2.608		17834	12155
2.627		7396	3451
2.68	TCX	2066846	1327891
2.784		4619	2621
2.856		1777	1901
2.9		3580	2029
2.99		2318	1368
3.021		2542	2268
3.186		2817	2776
3.241		15234	10375
3.268		38632	21764
3.341		4257	5026
3.41		9604	10243
3.438		58152	36980
3.557		2027	1228
3.593		2168	1797
3.618		2283	1878
3.724		4119	5577
3.776		1877	2811
3.843		1674	1059
3.865		7879	4834
3.903		1827	2107
3.979		1828	1458
4.051		8023	6082
4.166		3429	4610
4.237		4777	4395
4.328		6265	28474
4.422		1360	936
4.448		1537	1599
4.56		1560	1228
4.686		4352	5028
4.737		4430	5198
4.775		2297	1650
4.8		2156	1757
5.029		3469	4868
5.102		1030	1104
5.18		3434	3351
5.222		2329	1776
5.298		7916	6776

5.329		2698	3022
5.403		2876	2667
5.484		2800	2658
5.639		19009	20919
5.708		20699	22052
5.767		7992	7919
5.84		1566	1119
5.865		1333	1311
5.96		2125	2362
6.031		3533	3001
6.063		13494	11521
6.126		248406	266003
6.223	DCB	1275394	1191451
6.295		5683	4656
7.632		1045	1258
7.675		2954	4373

IBLKX1324D FKPIBLKFK PIBLK1313499999 SW-846 8082

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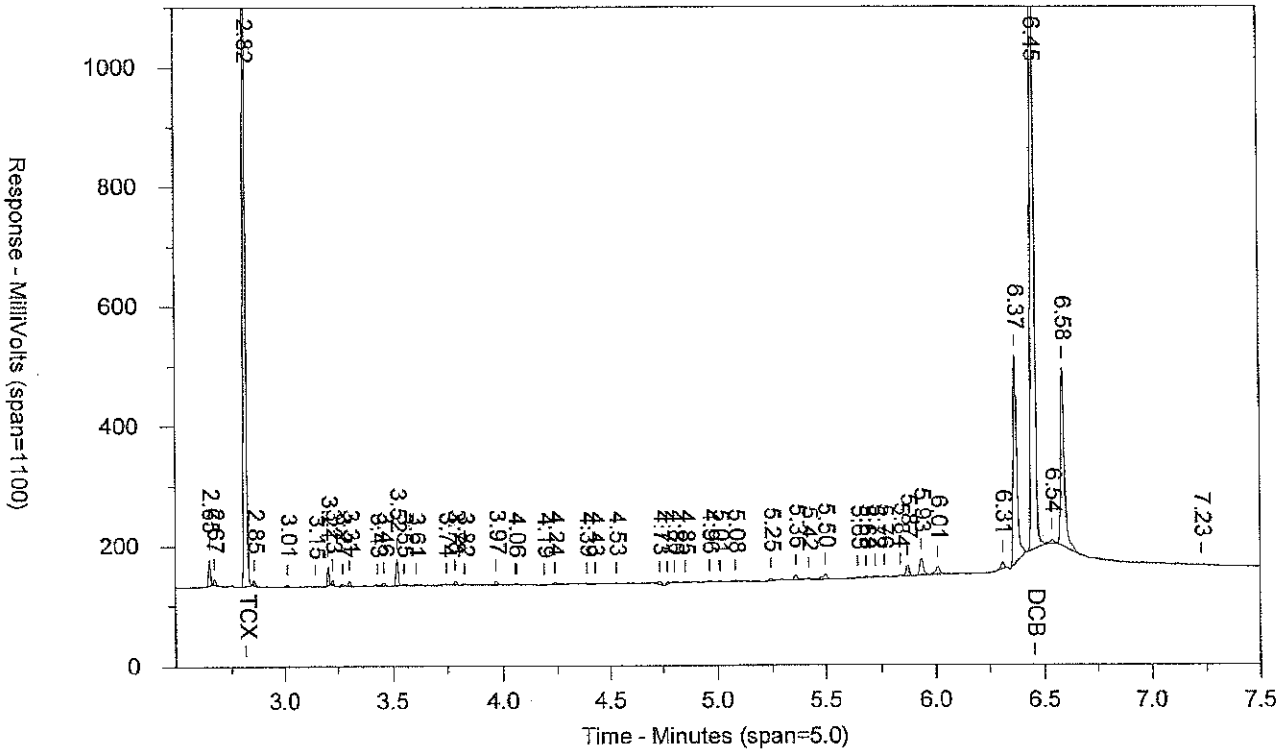

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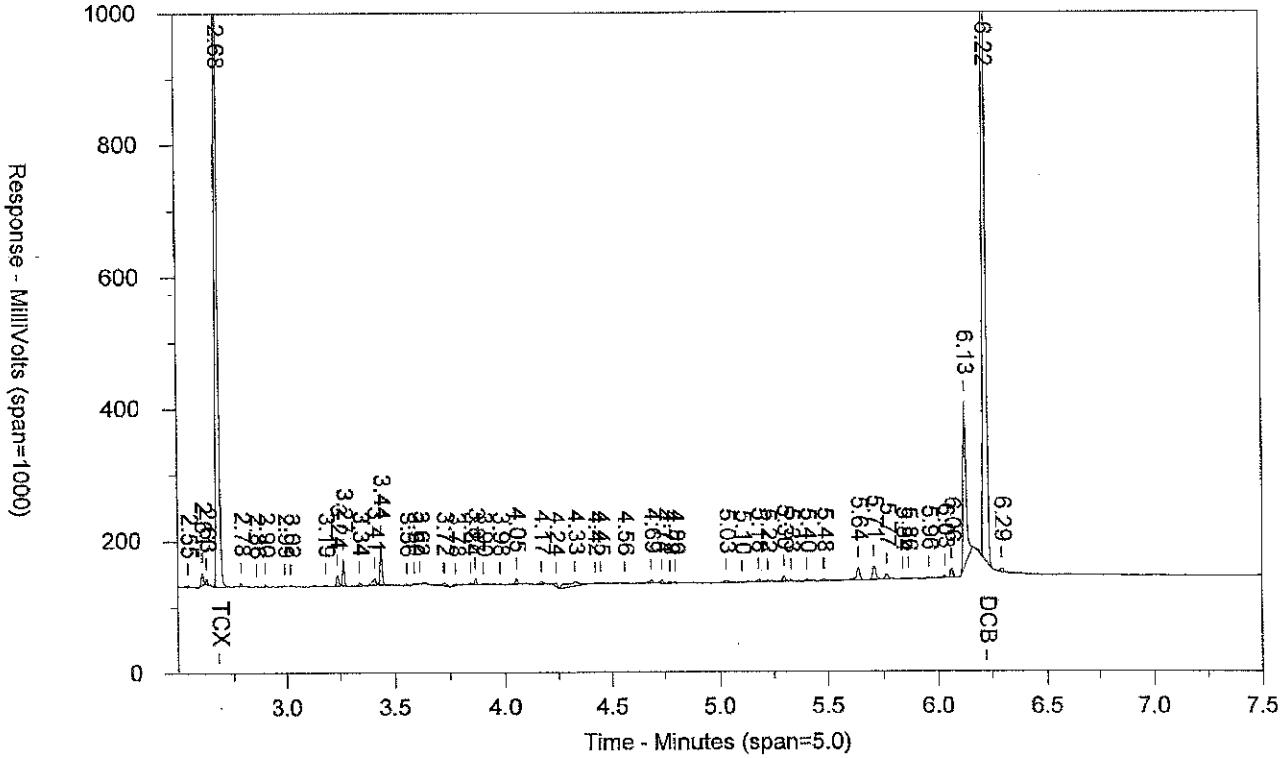

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FKPIBLKFK PIBLK1313499999
Injected On: 5/15/2013 2:26:16 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW0846 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1551277	.193	TCX	2.68	2066846	.205	TCX
6.451	1436263	.215	DCB	6.223	1275394	.231	DCB

Files:
Area File: BP7127.032.RAW
Area File: BP7127B.032.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 2:35:00 PM
File Reported On: 5/15/2013 at 2:35:07 PM

IBLKX1324D FKPIBLKFK PIBLK1313499999 SW-846 8082

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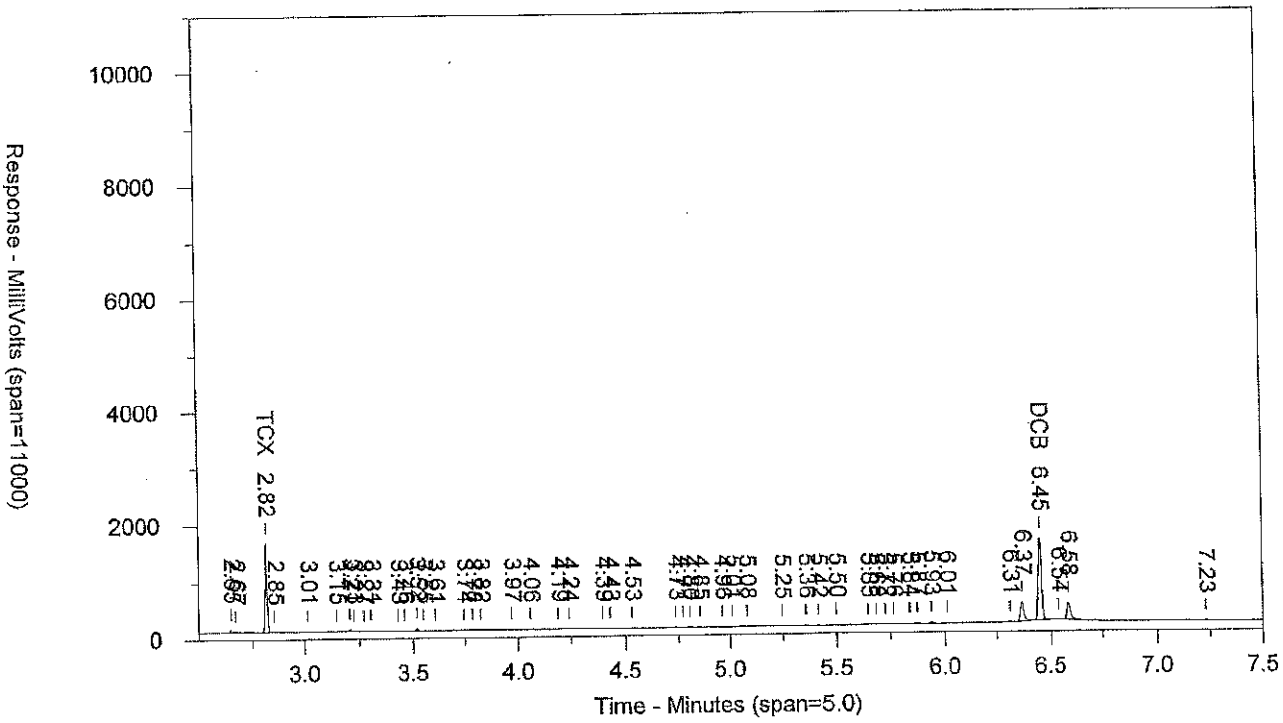

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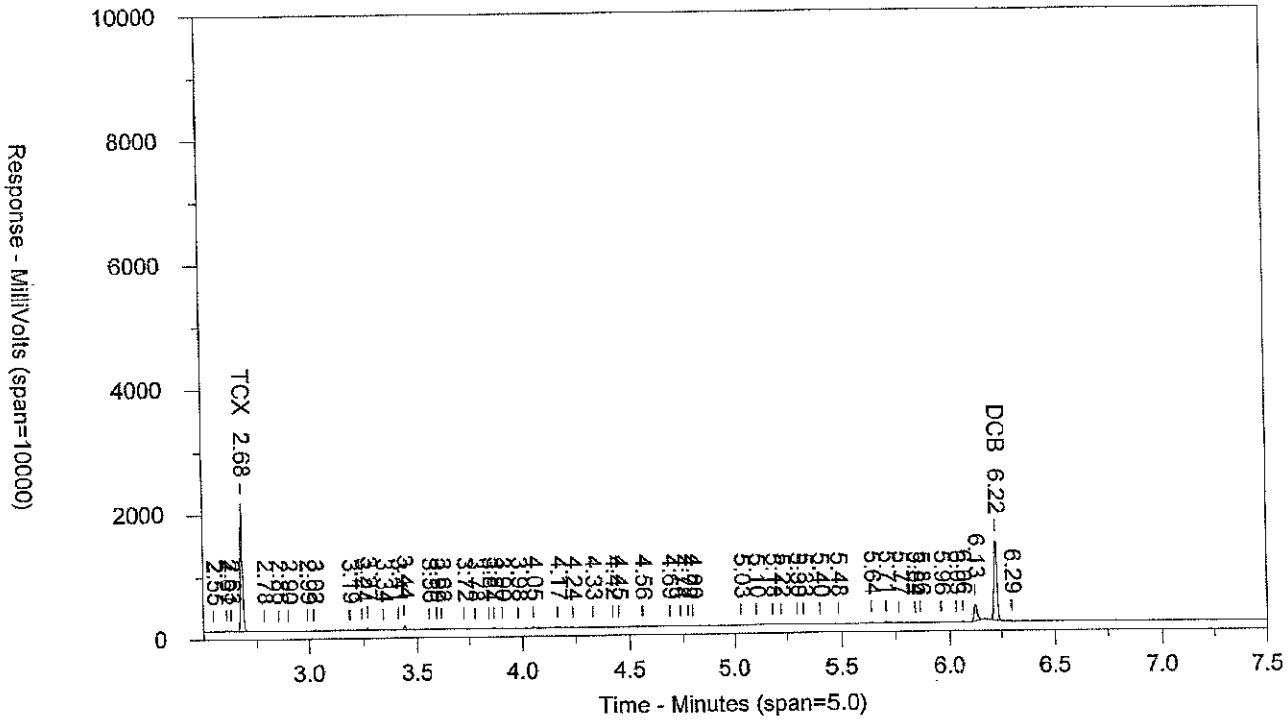

LANCASTER LABORATORIES

Sample Number: AR1631324B ZHAR163ZH CCAL 1313499999 Injection Volume: SW846 8082
Injected On: 5/15/2013 4:31:26 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.043.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.99		4335	6353
2.115		4684	3191
2.213		19378	16229
2.271		1232	1196
2.459		3503	3064
2.671		12238	10296
2.815	TCX	3159501	2036871
2.967		39228	32301
3.024		53790	38995
3.071		255161	174485
3.163		33070	22179
3.283		266329	156485
3.299		119925	62679
3.335		31029	17822
3.366		24688	13743
3.396		315594	242011
3.43		1999	1009
3.468		10628	7351
3.504		72556	40181
3.518		33920	15946
3.561		117478	79473
3.571		333247	166844
3.606		417541	303708
3.662		359524	263625
3.699		29616	20582
3.727		238373	175282
3.754		186556	151613
3.775		59745	31585
3.848		283727	198742
3.871		100108	64127
3.9		108210	76897
3.935		287588	283838
3.972		95007	74924
4.019		13595	10701
4.056		16809	13868
4.09		269972	194984
4.109		75989	42861
4.132		86676	62350
4.199		34144	33394
4.241		259199	245304
4.274		5522	3645
4.333		1694	1208
4.375		15035	14454
4.441		124574	157931
4.486		142691	126198
4.533		340210	366901
4.568		68431	48246
4.608		727266	660278
4.65		2081	1939
4.694		71855	82955
4.724		5467	3381
4.752		111338	101183
4.804		850854	1037768

RT A	Compound A	Height A	Area A
4.852		204217	189987
4.894		402049	459073
4.936		2910	1465
4.974		75400	87130
5.008		978427	887630
5.032		28756	13782
5.074		615724	581704
5.117		369336	347285
5.213		86147	73454
5.237		608715	575048
5.296		324059	305123
5.337		167599	160189
5.377		34007	35618
5.422		193536	198000
5.478		1669758	1752748
5.684		1012134	992843
5.739		296141	572930
5.87		53571	55493
5.935		29616	22124
5.955		169489	146029
6.006		2832	3022
6.112		478595	466373
6.156		29949	28541
6.308		157457	153863
6.366		20471	20930
6.451	DCB	2960379	2902869
8.363		2432	5555

LANCASTER LABORATORIES

Sample Number: AR1631324B ZHAR163ZH CCAL 1313499999 Injection Volume: 1 ulSW-846 8082
Injected On: 5/15/2013 4:31:26 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.043.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.587		1406	1231
1.969		24096	22398
2.055		5398	8070
2.109		6548	4898
2.297		1300	1429
2.36		4338	3158
2.425		1450	1304
2.537		1675	1575
2.608		23053	21356
2.68	TCX	4073382	2544520
2.725		31983	23648
2.801		2221	1626
2.852		66049	44195
2.914		76987	53257
2.967		350131	228758
3.016		2194	1670
3.08		45751	31234
3.175		439925	457495
3.227		52762	34263
3.248		23717	13265
3.273		40032	23619
3.299		409969	301183
3.334		14555	8705
3.38		110324	60587
3.395		61938	30262
3.446		143787	77257
3.455		450823	214214
3.49		450331	367612
3.564		460941	308288
3.597		295361	186941
3.621		313827	181568
3.639		102054	51728
3.727		382727	279707
3.751		123249	74698
3.773		136749	89022
3.805		73377	38558
3.822		313291	200864
3.866		121547	94428
3.91		17258	14208
3.933		92722	59196
3.957		381197	268551
3.982		93045	58833
4.003		12468	6129
4.021		34040	21691
4.058		287272	218292
4.095		15165	9927
4.111		19818	16240
4.168		2434	2779
4.207		16575	24928
4.267		61486	48041
4.312		87236	54239
4.342		334553	306705
4.369		139350	146482
4.423		770249	641355

4.469		11868	8942
4.493		43590	29749
4.518		170414	136939
4.562		920809	776285
4.669		805426	762731
4.725		101519	88938
4.763		219162	194210
4.8		820765	728354
4.833		556058	437739
4.873		356671	304859
4.94		1631	1601
4.976		136943	140461
5.029		693074	603504
5.054		53832	33654
5.104		362667	358490
5.14		164002	133581
5.168		119775	100925
5.201		19856	13237
5.222		1605815	1389048
5.263		31608	25449
5.298		79332	69594
5.414		17916	11668
5.439		370168	327729
5.485		1101462	1144849
5.64		53113	49806
5.683		22570	16845
5.708		50633	41173
5.759		200379	187706
5.864		457814	395360
5.895		23091	17107
6.063		136006	124416
6.124		15177	14197
6.223	DCB	2554365	2270347
6.398		1497	1678

AR1631324B ZHAR163ZH CCAL 1313499999 SW-846 8082

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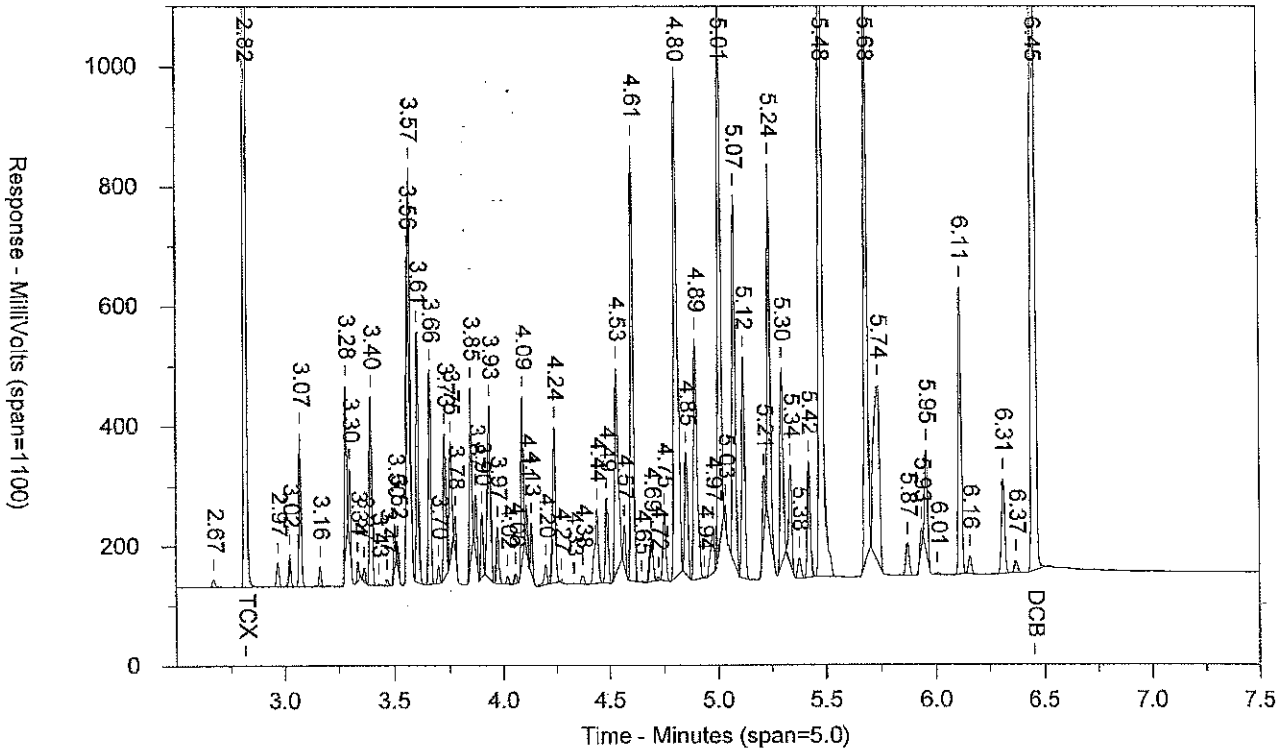

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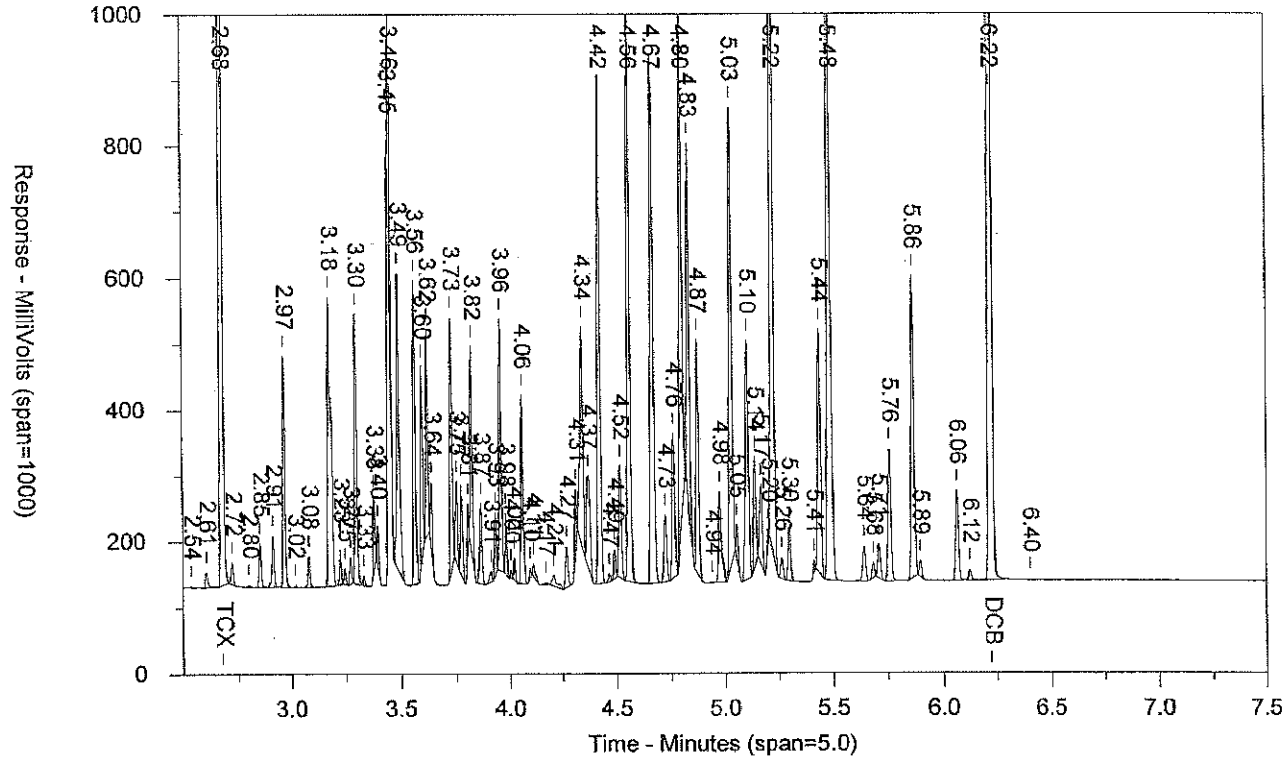

LANCASTER LABORATORIES

Sample Number: AR1631324B ZHAR163ZH CCAL 1313499999
Injected On: 5/15/2013 4:31:26 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3159501	39.371	TCX	2.68	4073382	40.366	TCX
6.451	2960379	44.24	DCB	6.223	2554365	46.272	DCB

Files:
Area File: BP7127.043.RAW
Area File: BP7127B.043.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 5:32:06 PM
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AR1631324B ZHAR163ZH CCAL 1313499999 SW-846 8082

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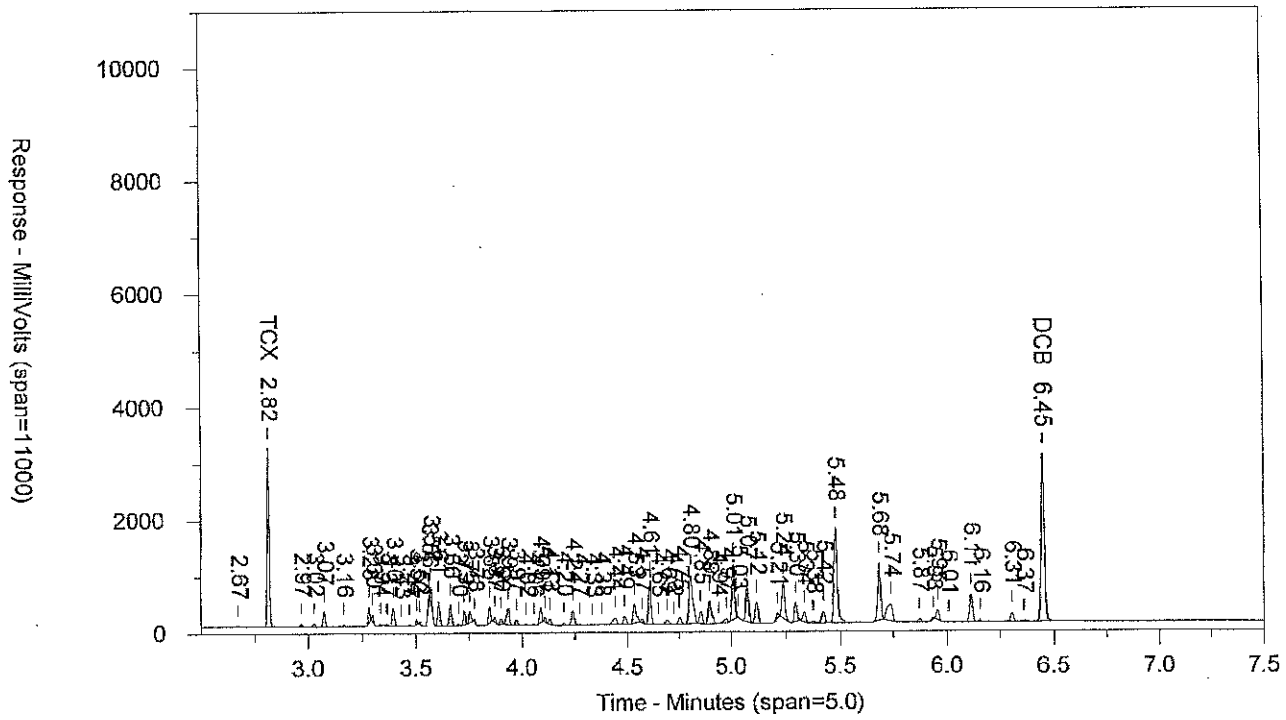

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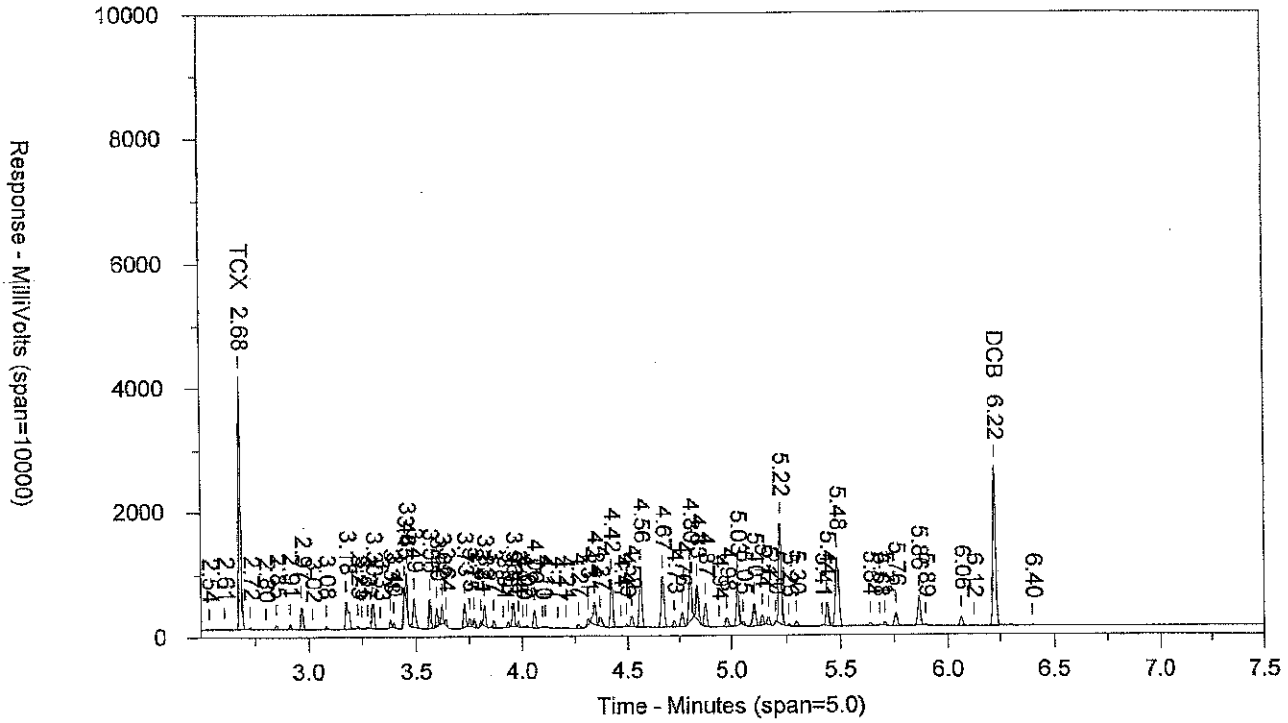

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FLPIBLKFL PIBLK1313499999 Injection Volume SW-846 8082
Injected On: 5/15/2013 4:42:39 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.044.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2886	3096
1.612		1524	2392
1.888		2564	2504
1.986		3767	6067
2.115		2418	1642
2.213		15213	11813
2.34		1867	1513
2.37		106306	67775
2.413		18427	11685
2.649		42603	26051
2.67		7017	4774
2.815	TCX	1563698	1003359
2.854		9308	6050
3.012		2614	1914
3.148		1631	1713
3.207		27879	16271
3.226		9628	5252
3.271		3526	3376
3.305		7346	4611
3.428		2409	1803
3.459		4738	4247
3.519		45843	31131
3.551		3616	4439
3.606		2112	2200
3.63		2108	1414
3.752		2161	4850
3.782		6432	4376
3.822		2345	1915
3.935		1438	1202
3.969		6215	4997
4.239		4777	23032
4.39		1510	1709
4.528		1195	1067
4.609		1479	1192
4.735		5872	8566
4.804		5229	18069
4.855		1392	1721
4.892		1705	2098
4.965		2131	2026
5.009		2002	1670
5.086		1690	2712
5.168		1118	1915
5.244		4119	6073
5.294		1425	1337
5.36		8829	9416
5.418		2208	2781
5.48		1902	1411
5.498		5982	4639
5.646		3482	3282
5.685		2535	2029
5.762		2598	2556
5.837		3181	2852
5.871		19533	18208

RT A	Compound A	Height A	Area A
5.934		28618	32771
6.01		13936	19638
6.308		14854	22507
6.366		409387	484744
6.451	DCB	1497867	1514173
6.534		6422	8340
6.586		225746	304407
7.229		1940	2715
8.366		2324	4072

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FLPIBLKFL PIBLK1313499999 Injection Volume: 1 SW-846 8082
Injected On: 5/15/2013 4:42:39 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.044.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.548		2760	2929
1.615		1573	1570
1.839		2199	1932
1.937		1666	2550
1.97		19750	16201
2.057		5154	11240
2.11		3555	2782
2.205		2822	2385
2.297		1464	2641
2.359		2414	1645
2.427		143290	86511
2.471		1589	843
2.487		24467	14771
2.546		3044	3211
2.608		13620	9232
2.628		7349	3330
2.68	TCX	2052650	1321872
2.784		5466	3955
2.858		1623	1703
2.9		3212	1958
2.99		2278	1470
3.022		2700	2312
3.134		2215	2460
3.186		2996	2518
3.242		18500	12134
3.268		34843	19689
3.341		4503	5084
3.41		7802	10988
3.438		58970	38049
3.558		2071	1546
3.593		2224	1703
3.615		2413	1695
3.645		2542	1868
3.726		5345	7750
3.777		2685	4772
3.841		1720	1123
3.865		7138	4206
3.902		2173	2551
3.979		1827	1596
4.052		6954	4846
4.099		1328	960
4.167		3322	3974
4.236		5390	4712
4.331		7052	35948
4.422		1481	1108
4.443		1591	1742
4.563		1707	1653
4.687		5056	5884
4.738		3950	4322
4.777		1892	1446
4.801		2473	2248
5.029		3295	5814
5.103		1362	1485
5.18		3703	3798

5.223		3112	2399
5.298		8441	7387
5.331		2030	2555
5.405		3213	2781
5.433		1758	1559
5.483		3236	3220
5.64		19782	21382
5.709		22642	23143
5.766		9230	8828
5.84		1550	1200
5.895		1459	1099
5.955		2691	3213
6.031		3712	3228
6.063		13746	11823
6.126		324320	392182
6.222	DCB	1325437	1196206
6.295		6959	5869
7.632		1043	1376

IBLKX1324D FLPIBLKFL PIBLK1313499999 SW-846 8082

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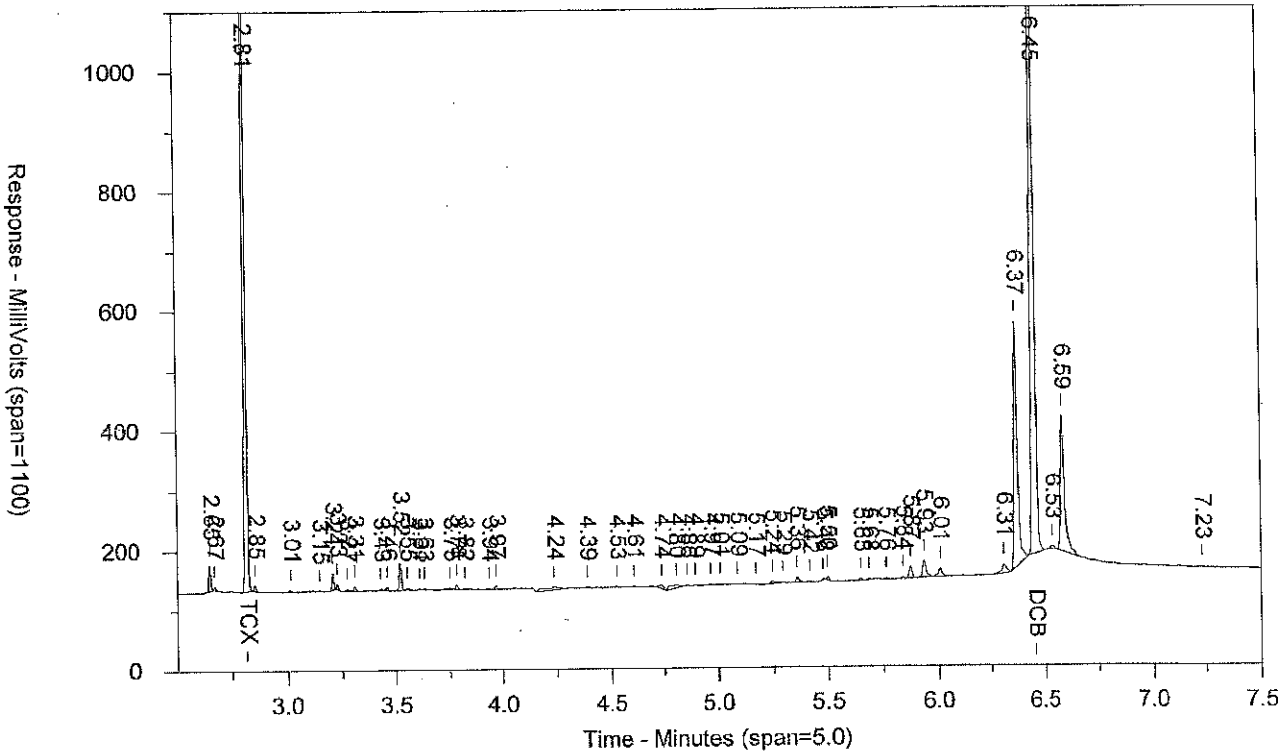

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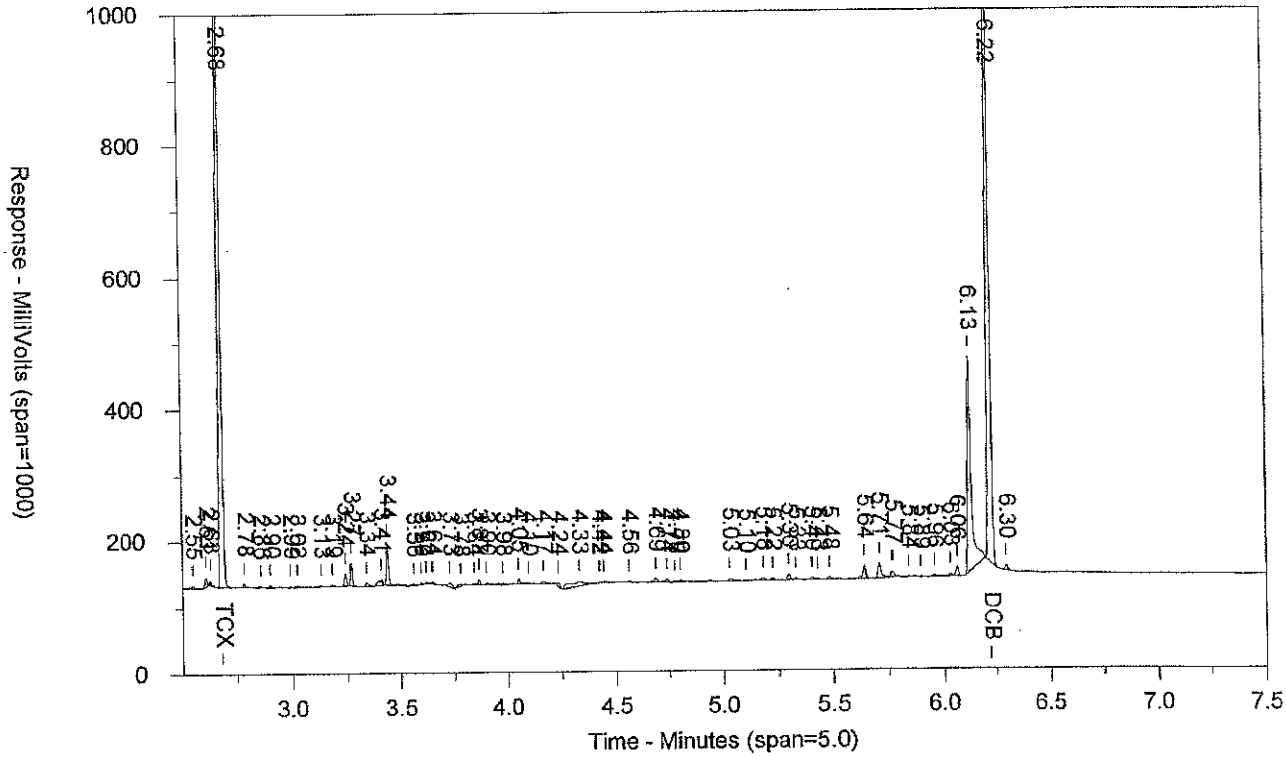

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FLPIBLKFL PIBLK1313499999
Injected On: 5/15/2013 4:42:39 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight:SW0846 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1563698	.195	TCX	2.68	2052650	.203	TCX
6.451	1497867	.224	DCB	6.222	1325437	.24	DCB

Files:
Area File: BP7127.044.RAW
Area File: BP7127B.044.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 5:32:06 PM
File Reported On: 5/15/2013 at 5:32:57 PM

IBLKX1324D FLPIBLKFL PIBLK1313499999 SW-846 8082

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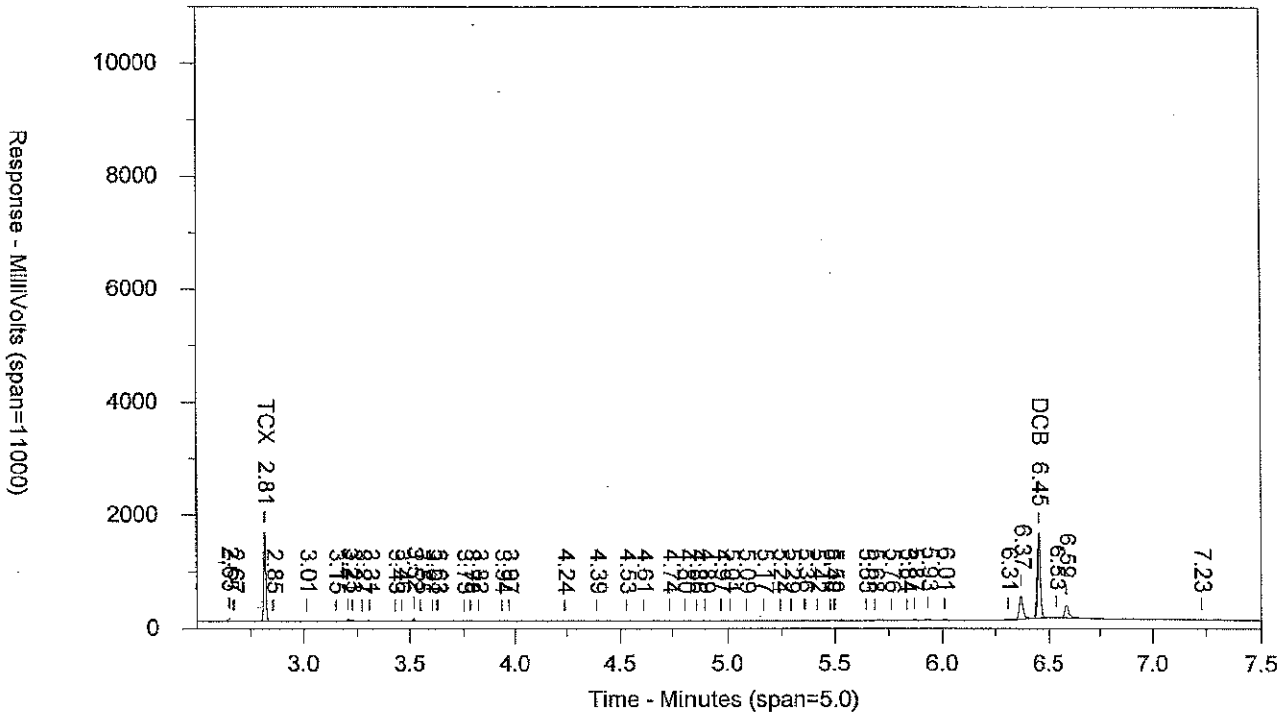

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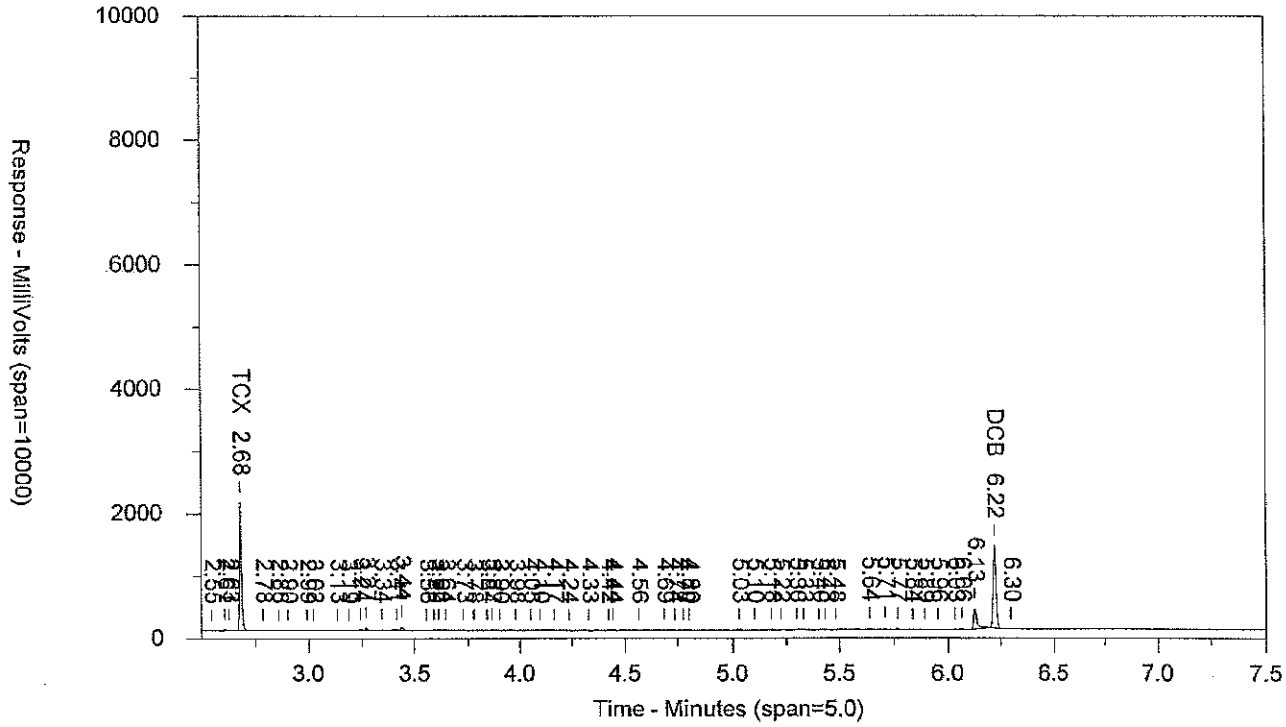

LANCASTER LABORATORIES

Sample Number: AR1631324B ZIAR163ZI CCAL 1313499999 Injection Volume SW-846 8082
Injected On: 5/15/2013 6:36:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.054.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.992		1926	3301
2.115		4926	4089
2.213		17004	14381
2.268		1353	3475
2.459		3359	2852
2.671		9676	7855
2.815	TCX	3151510	2037024
2.967		39136	32305
3.024		52988	38912
3.071		250512	174627
3.162		32821	22222
3.206		1094	886
3.283		270536	158798
3.299		120693	61632
3.335		31852	17935
3.366		24396	13674
3.396		321821	241763
3.432		1707	844
3.469		10655	7126
3.504		74611	41254
3.518		35633	15841
3.561		154505	88196
3.572		347589	174959
3.606		416809	303486
3.662		360765	263738
3.7		29948	20420
3.728		239857	174471
3.754		185128	150971
3.776		55595	29018
3.848		273407	198072
3.872		101675	62990
3.901		114131	76964
3.935		292138	282560
3.973		94510	74703
4.019		13849	10338
4.058		16815	13818
4.09		262720	190812
4.109		79503	42391
4.132		87191	62654
4.199		33492	32484
4.241		250256	244927
4.274		5372	3375
4.334		2537	2300
4.376		14211	14810
4.442		129610	156254
4.487		139303	125291
4.532		336489	365948
4.569		69257	47981
4.608		725761	659684
4.649		1994	2084
4.694		69595	81580
4.724		4873	3019
4.753		116591	108097

RT A	Compound A	Height A	Area A
4.805		869203	1036090
4.852		206806	188923
4.895		412367	457381
4.936		2711	1454
4.974		74288	86339
5.009		954508	1011758
5.074		644891	579354
5.118		349759	347171
5.214		85142	72044
5.239		616873	571002
5.296		334718	304989
5.336		163984	159306
5.377		35033	34948
5.422		198310	199613
5.48		1663775	1750812
5.685		984136	990215
5.738		303702	574821
5.836		1048	718
5.871		54725	54238
5.935		31968	22815
5.955		165851	143847
6.008		5192	5987
6.112		461476	464695
6.157		28351	27752
6.31		152585	153392
6.366		31172	35994
6.451	DCB	2852149	2885855
8.367		2361	4751

LANCASTER LABORATORIES

Sample Number: AR1631324B ZIAR163ZI CCAL 1313499999 Injection Volume: 1 SW-846 8082
Injected On: 5/15/2013 6:36:16 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.054.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.969		22348	19560
2.005		1924	1510
2.056		2464	3852
2.109		6339	4665
2.206		1265	1320
2.296		1336	2922
2.361		4151	3071
2.539		1464	1223
2.608		17767	15261
2.679	TCX	4079217	2540198
2.725		31403	23760
2.803		5153	4173
2.852		65033	43146
2.914		77322	53410
2.967		349958	228521
3.018		2394	1789
3.081		45481	31216
3.175		438146	457072
3.227		52866	34090
3.249		23722	13314
3.273		38610	23483
3.299		412939	300935
3.333		14467	8614
3.38		111167	59871
3.395		61932	29999
3.446		183701	93549
3.455		438319	207675
3.49		452917	366195
3.565		452824	308321
3.598		291335	186394
3.622		313929	182716
3.64		99742	52219
3.728		380344	279602
3.752		128513	76946
3.774		136161	88580
3.806		73310	38979
3.822		320704	203342
3.866		119871	93564
3.911		18020	14898
3.934		95812	59810
3.957		387863	269114
3.983		93404	58874
4.004		11747	5763
4.022		32983	21087
4.059		286418	217619
4.096		14625	9912
4.112		19805	16094
4.171		3401	4012
4.208		16537	21129
4.268		60902	46869
4.313		87691	54077
4.343		342029	311184
4.37		142398	147315
4.424		776424	639217

4.47		10801	8026
4.494		44807	29573
4.519		173366	136310
4.563		908263	776333
4.67		815110	760720
4.726		102504	89363
4.763		221840	194466
4.801		816946	725159
4.833		540257	432655
4.873		361011	303332
4.942		1605	1513
4.976		136734	139247
5.029		686044	600125
5.054		51327	32859
5.104		362852	357447
5.14		164518	133039
5.167		120973	101929
5.201		19333	13289
5.223		1599624	1383722
5.264		30886	24577
5.298		77828	67768
5.415		16766	10884
5.439		377149	327321
5.486		1100891	1141791
5.604		1501	1398
5.64		53127	46547
5.684		22081	16760
5.708		50495	41353
5.759		205414	185106
5.864		439558	395919
5.895		22055	16136
6.064		138645	122797
6.125		23734	22774
6.223	DCB	2493148	2269023
6.399		1344	1134

AR1631324B ZIAR163ZI CCAL 1313499999 SW-846 8082

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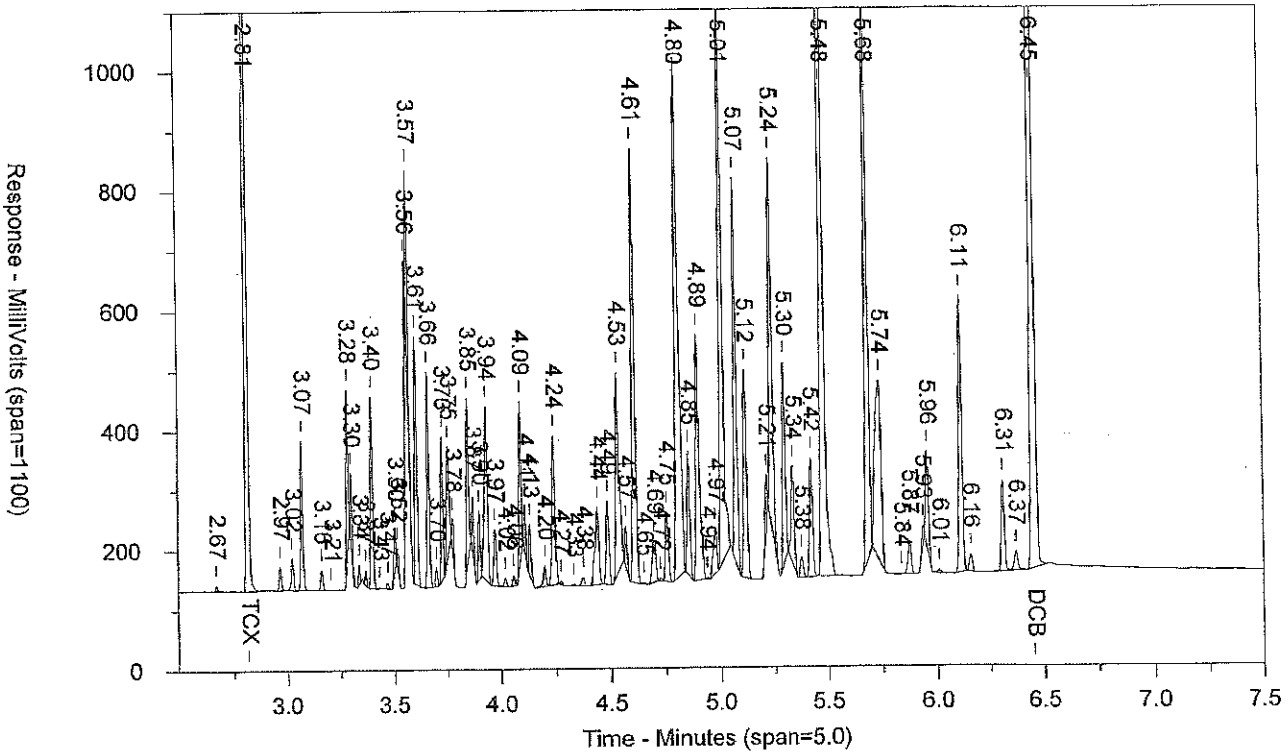

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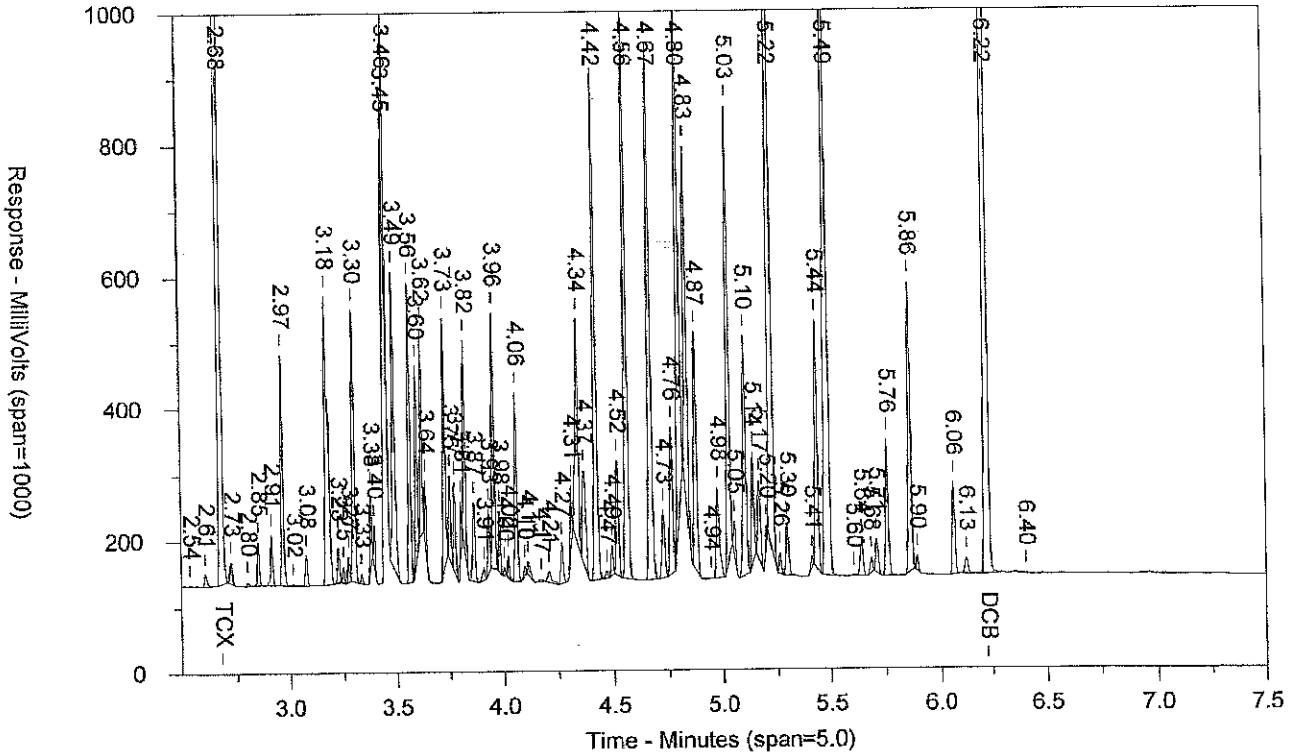

LANCASTER LABORATORIES

Sample Number: AR1631324B ZIAR163ZI CCAL 1313499999
Injected On: 5/15/2013 6:36:16 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight:SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3151510	39.272	TCX	2.679	4079217	40.424	TCX
6.451	2852149	42.623	DCB	6.223	2493148	45.163	DCB

Files:
Area File: BP7127.054.RAW
Area File: BP7127B.054.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 6:44:59 PM
File Reported On: 5/15/2013 at 6:45:07 PM

AR1631324B ZIAR163ZI CCAL 1313499999 SW-846 8082

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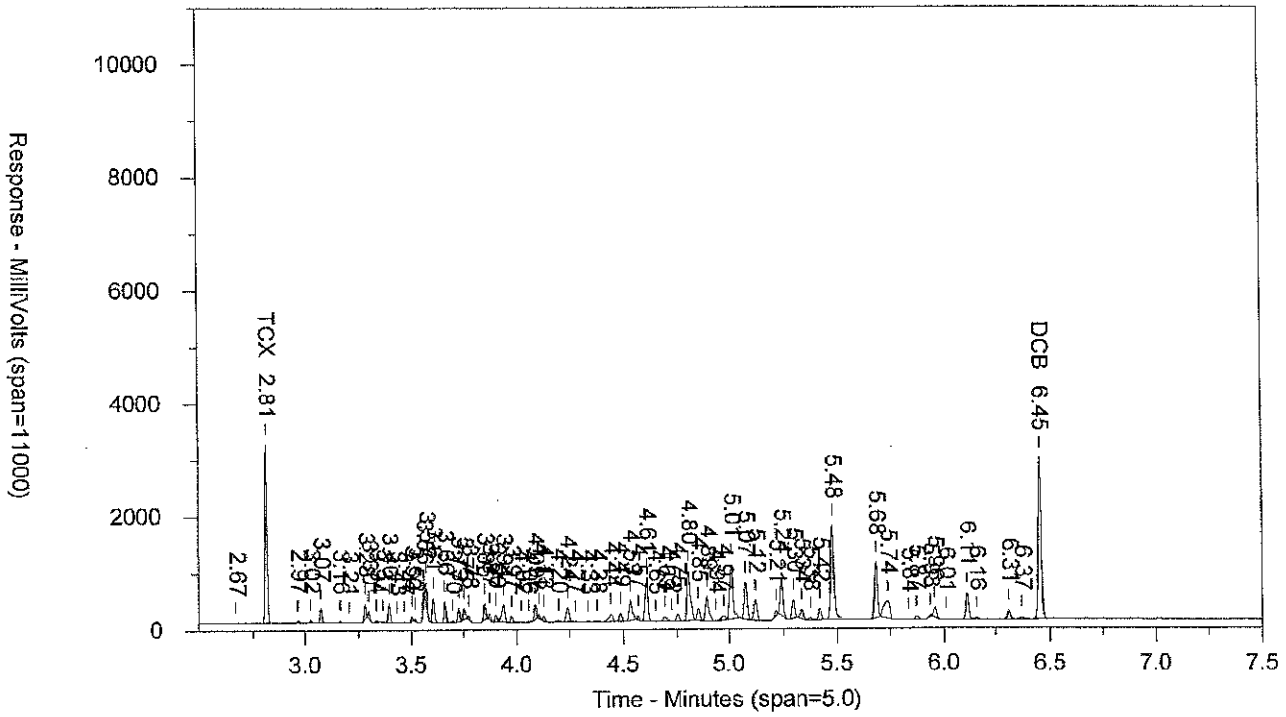

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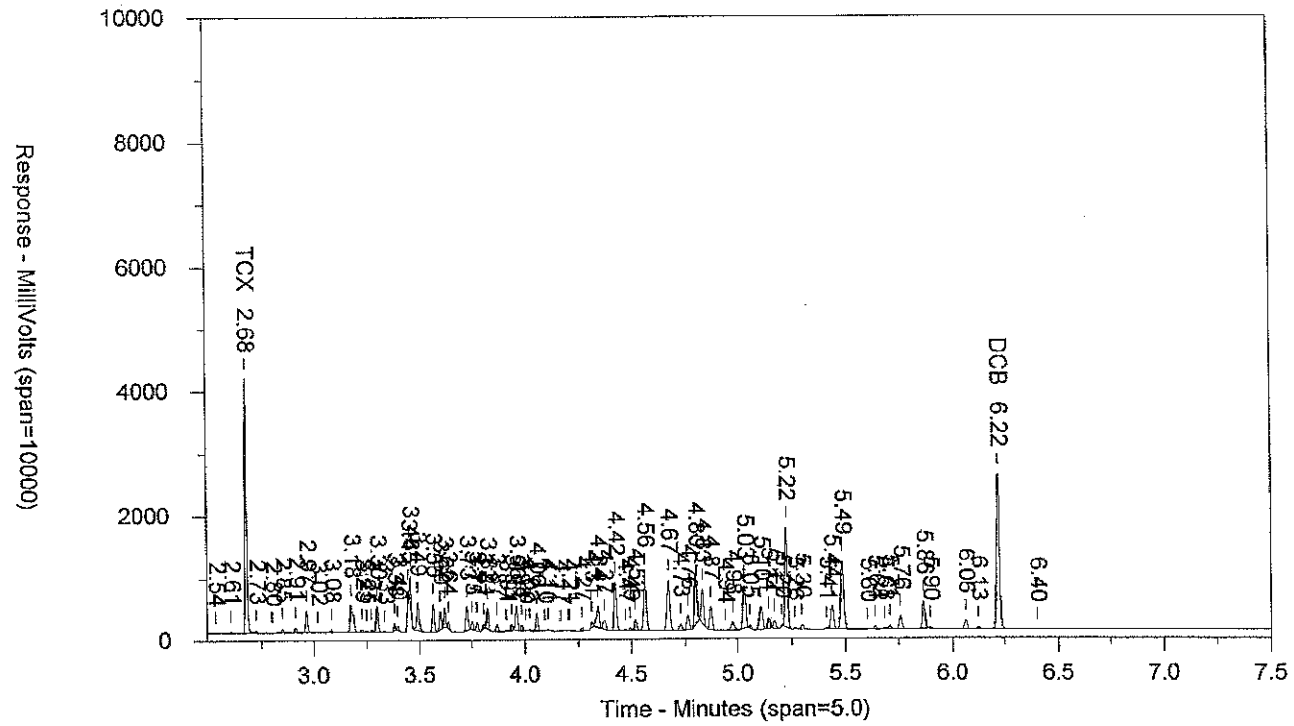

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FMPIBLKFM PIBLK1313499999 Injection Volume:SW846 8082
Injected On: 5/15/2013 6:47:35 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.055.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2744	3343
1.614		1590	2827
1.888		3405	2908
1.991		3653	6368
2.114		2407	1713
2.213		20456	15800
2.338		2675	2093
2.37		104754	66601
2.413		17941	11705
2.649		41244	25285
2.67		10640	7641
2.815	TCX	1581599	1006842
2.854		9320	6032
3.012		2755	2144
3.146		1286	989
3.208		29484	17090
3.227		8047	4427
3.271		3428	3265
3.305		8306	5223
3.431		2873	2048
3.459		4637	3952
3.519		44699	30972
3.552		5909	5624
3.606		2253	2218
3.632		2104	1321
3.742		2845	5642
3.783		6631	4626
3.822		2412	1990
3.936		3524	3136
3.968		6638	5540
4.058		2419	2602
4.191		3147	8204
4.24		3101	5409
4.386		2809	3751
4.432		1515	2103
4.735		9097	12608
4.803		5951	21817
4.851		1610	1971
4.893		1718	2042
4.964		2267	2502
5.08		2564	4310
5.244		5358	9047
5.296		1725	2213
5.359		8599	9610
5.419		2851	3290
5.498		8783	12146
5.545		1957	1986
5.646		4479	4120
5.681		3515	3446
5.725		1958	2318
5.761		3551	3431
5.835		3025	2701
5.872		18675	18375

RT A	Compound A	Height A	Area A
5.934		27797	32552
6.009		15047	21605
6.128		897	1655
6.188		1379	1533
6.309		14188	22536
6.365		404162	482943
6.451	DCB	1477162	1512357
6.533		7623	9441
6.585		362408	438964
7.226		1749	2058
8.368		2124	4756

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FMPIBLKFM PIBLK1313499999 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 6:47:35 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.055.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.55		3011	3129
1.588		2378	2119
1.614		1876	1678
1.84		3657	3436
1.924		2808	3447
1.969		26447	20686
2.056		3545	4854
2.109		4001	4057
2.205		4146	3822
2.358		2358	1626
2.426		142142	85327
2.469		2028	981
2.487		24584	14934
2.539		3455	3933
2.608		19744	14097
2.627		6915	2948
2.679	TCX	2071299	1328491
2.784		4964	2650
2.849		2442	3136
2.9		3495	2049
2.991		2196	1338
3.023		2743	1785
3.133		3069	3483
3.186		2939	1990
3.241		16449	10913
3.268		37596	20732
3.341		4477	5118
3.392		6490	5043
3.439		59032	38328
3.559		1851	1081
3.595		1980	1579
3.616		2817	2249
3.644		6919	5649
3.725		5640	8296
3.776		3067	5420
3.843		1995	1194
3.865		7857	4862
3.902		3493	3787
3.98		1613	1154
4.052		7426	5589
4.164		4696	6973
4.236		6693	5969
4.33		6939	37591
4.421		1174	609
4.446		2388	2611
4.563		1131	840
4.686		5244	5510
4.737		4875	6271
4.775		2191	1591
4.801		1965	1735
4.939		2080	2475
5.029		3262	4168
5.099		1858	1718
5.178		3868	3984

5.221		3428	4354
5.298		8349	7035
5.329		3118	3397
5.405		3872	3063
5.484		2581	2762
5.64		20118	22676
5.708		22907	23478
5.767		9765	9653
5.84		1616	1306
5.955		2753	3511
6.032		4211	3454
6.063		13607	11690
6.127		323913	411137
6.223	DCB	1324485	1187314
6.294		5549	5054
7.558		980	1003
7.634		1426	1676

IBLKX1324D FMPIBLKFM PIBLK1313499999 SW-846 8082

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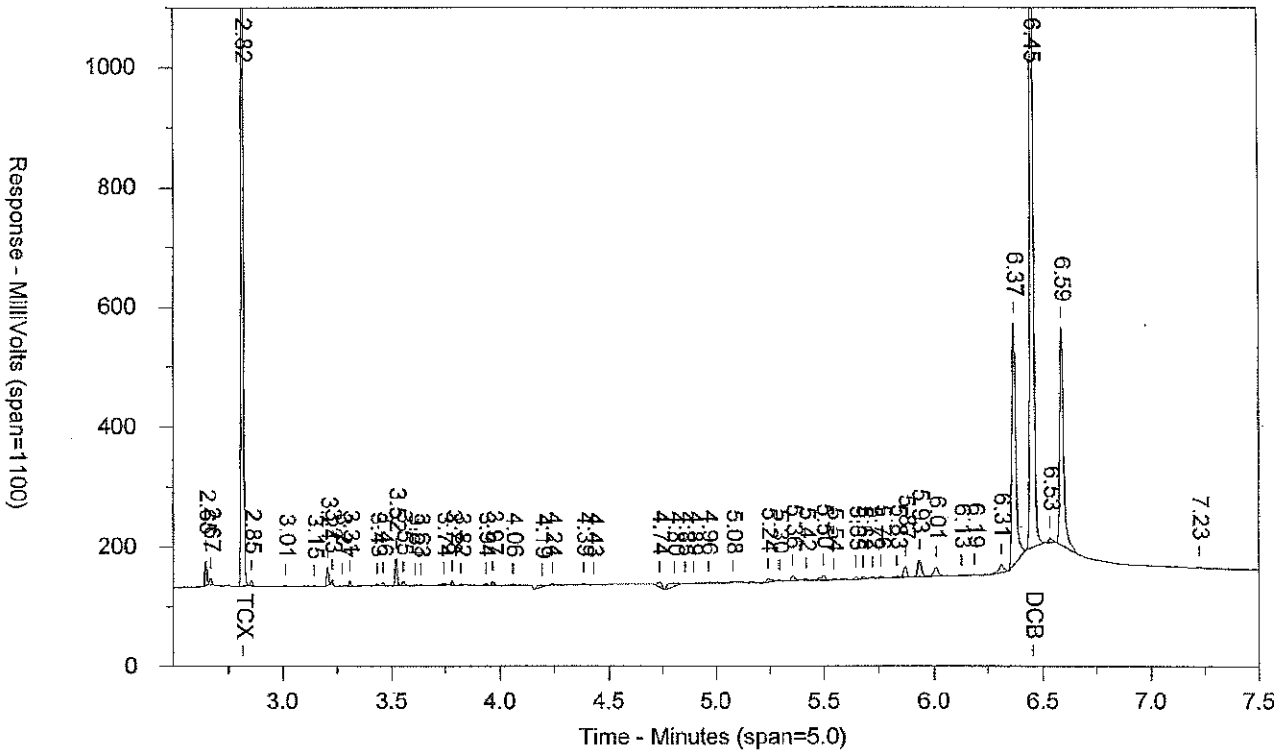

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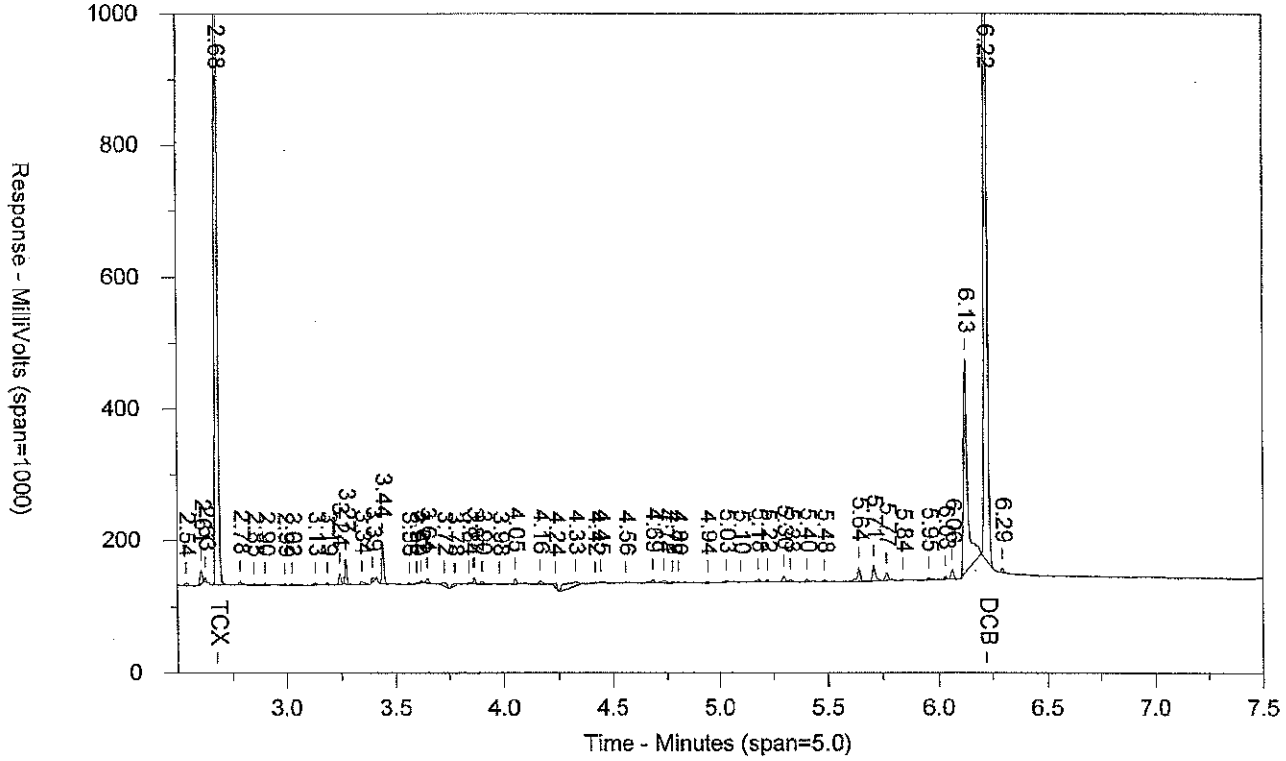

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FMPIBLKFM PIBLK1313499999 Sample Weight: 1000846 8082
Injected On: 5/15/2013 6:47:35 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1581599	.197	TCX	2.679	2071299	.205	TCX
6.451	1477162	.221	DCB	6.223	1324485	.24	DCB

Files:
Area File: BP7127.055.RAW
Area File: BP7127B.055.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 6:56:18 PM
File Reported On: 5/15/2013 at 6:56:25 PM

IBLKX1324D FMPIBLKFM PIBLK1313499999 SW-846 8082

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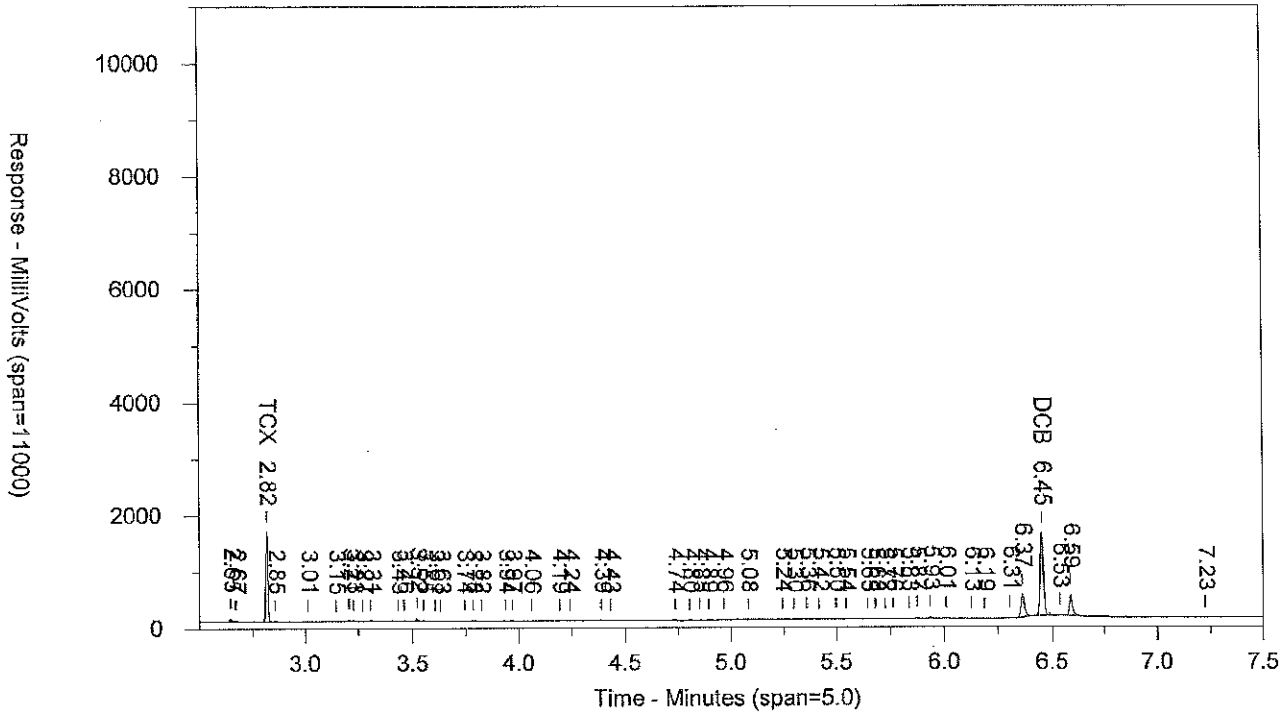

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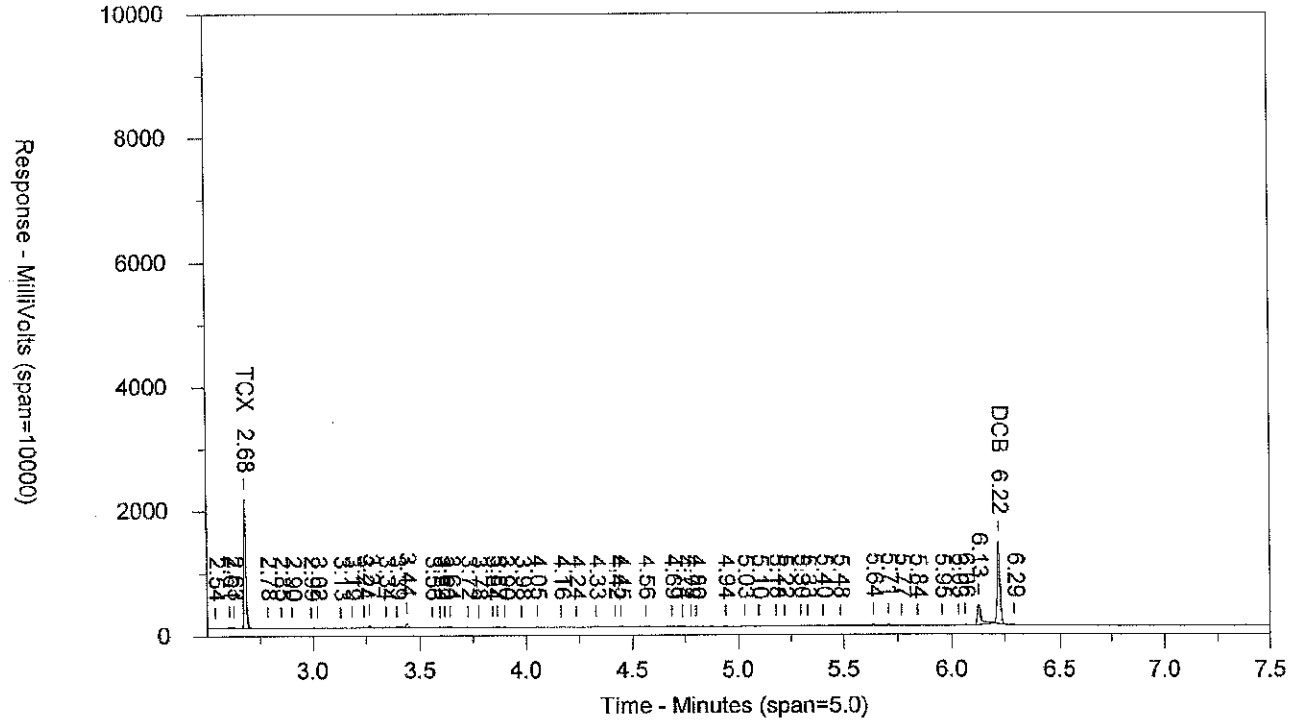

LANCASTER LABORATORIES

Sample Number: AR1631324B ZNAR163ZN CCAL 1313499999 Injection Volume: SW-846 8082
Injected On: 5/15/2013 10:20:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.005.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.989		5808	19896
2.114		4520	3223
2.213		19776	16682
2.458		3277	2514
2.671		8546	6989
2.815	TCX	3144646	2001105
2.967		39689	32163
3.024		53013	38365
3.071		244831	172059
3.162		32668	23496
3.207		1263	1030
3.283		253213	152382
3.299		118159	61634
3.336		30242	17232
3.366		24470	13457
3.396		317026	237432
3.431		1809	925
3.468		10513	7296
3.505		69415	39691
3.518		33320	15395
3.562		138914	74996
3.572		339144	174651
3.607		403643	296894
3.663		353662	257827
3.7		29131	20387
3.728		240281	172079
3.755		181227	148023
3.776		60238	30702
3.849		273303	194033
3.872		98487	60439
3.902		109281	75589
3.936		276693	278081
3.973		93332	73489
4.019		13763	10631
4.057		15680	13368
4.09		260106	188204
4.11		74163	41225
4.132		88266	60492
4.199		34136	31204
4.242		252898	240092
4.274		5543	3452
4.334		1614	1323
4.376		15372	15335
4.442		128032	155124
4.487		142386	123869
4.533		341731	361342
4.569		70018	48583
4.607		701900	647415
4.694		68540	80852
4.724		4748	2982
4.753		106211	102541
4.804		840075	1016553
4.852		201590	185917

RT A	Compound A	Height A	Area A
4.895		405524	449388
4.974		75504	85468
5.009		979229	1027809
5.074		579129	569368
5.118		349090	341071
5.214		90049	71103
5.238		594987	558965
5.297		325232	301311
5.336		156381	157372
5.377		33533	35021
5.422		192296	195311
5.479		1702451	1725517
5.684		997562	978066
5.738		304059	565020
5.871		55923	57775
5.935		31006	23457
5.955		167554	144721
6.009		2984	2931
6.112		472311	459867
6.157		29258	27606
6.309		149079	151884
6.366		19219	21960
6.451	DCB	2856820	2847943
8.366		2480	4972

LANCASTER LABORATORIES

Sample Number: AR1631324B ZNAR163ZN CCAL 1313499999 Injection Volume: 1 ulSW-846 8082
Injected On: 5/15/2013 10:20:09 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.005.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.587		1423	1471
1.969		24743	21540
2.054		5267	7782
2.109		6043	4116
2.295		1563	1524
2.361		4263	3287
2.425		1577	1588
2.608		18319	15084
2.68	TCX	4037487	2506680
2.725		31313	23323
2.801		2098	1613
2.852		64478	43642
2.914		76128	52581
2.967		340060	225447
3.017		2172	1324
3.08		45566	30943
3.175		436622	450426
3.227		52523	33745
3.249		23499	13205
3.273		38808	22766
3.299		402762	296591
3.334		14705	8806
3.38		106350	58888
3.395		62000	29887
3.446		153038	85782
3.455		409549	200242
3.49		439944	360797
3.565		449701	304007
3.599		282262	185032
3.622		312567	179796
3.64		98571	51036
3.728		376484	274980
3.752		128464	76457
3.774		134709	86742
3.806		73405	38674
3.823		314580	199939
3.866		117069	92500
3.911		16342	13936
3.934		93206	58309
3.957		379399	264330
3.983		92599	57416
4.004		12978	6371
4.022		33834	21665
4.059		280084	214743
4.096		14429	9601
4.112		19802	16124
4.171		2240	2455
4.208		16355	23487
4.267		59504	46972
4.313		85041	53857
4.343		326024	301561
4.37		141099	144320
4.423		759758	631054
4.47		11622	8873

4.494		42104	28550
4.519		167023	133774
4.563		916980	761617
4.67		787033	749009
4.726		99136	87794
4.763		216586	192420
4.801		800555	715193
4.833		550711	425909
4.873		351143	299839
4.942		1685	1591
4.975		136713	137602
5.029		684803	594238
5.054		50882	33284
5.104		353257	351912
5.14		159396	130332
5.167		114145	99134
5.201		19426	10993
5.223		1545503	1363923
5.264		31542	24925
5.298		79076	69980
5.414		16608	10858
5.438		365786	323285
5.484		1086155	1130254
5.639		53875	48621
5.683		22412	16573
5.708		50886	41990
5.758		202130	183973
5.863		443320	392201
5.895		23442	17038
6.063		136662	122444
6.125		15211	13991
6.223	DCB	2496497	2264437
6.4		1782	1599

AR1631324B ZNAR163ZN CCAL 1313499999 SW-846 8082

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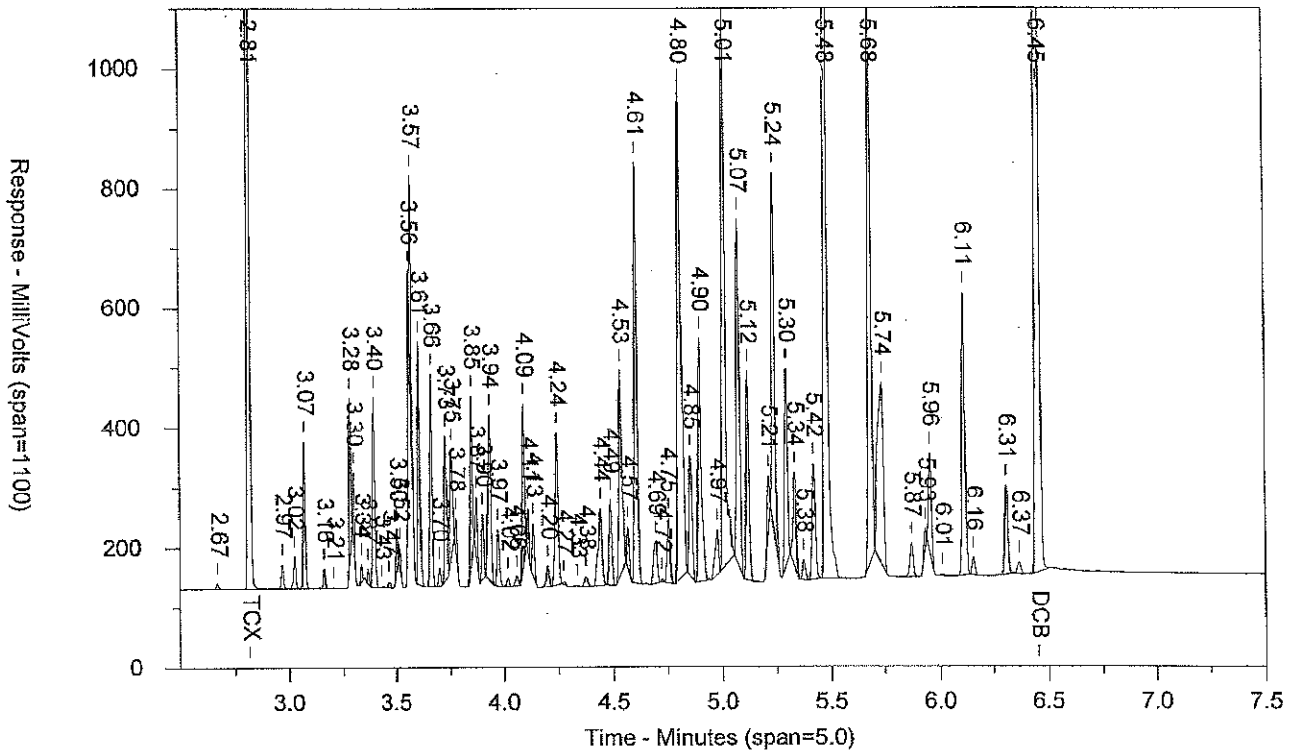

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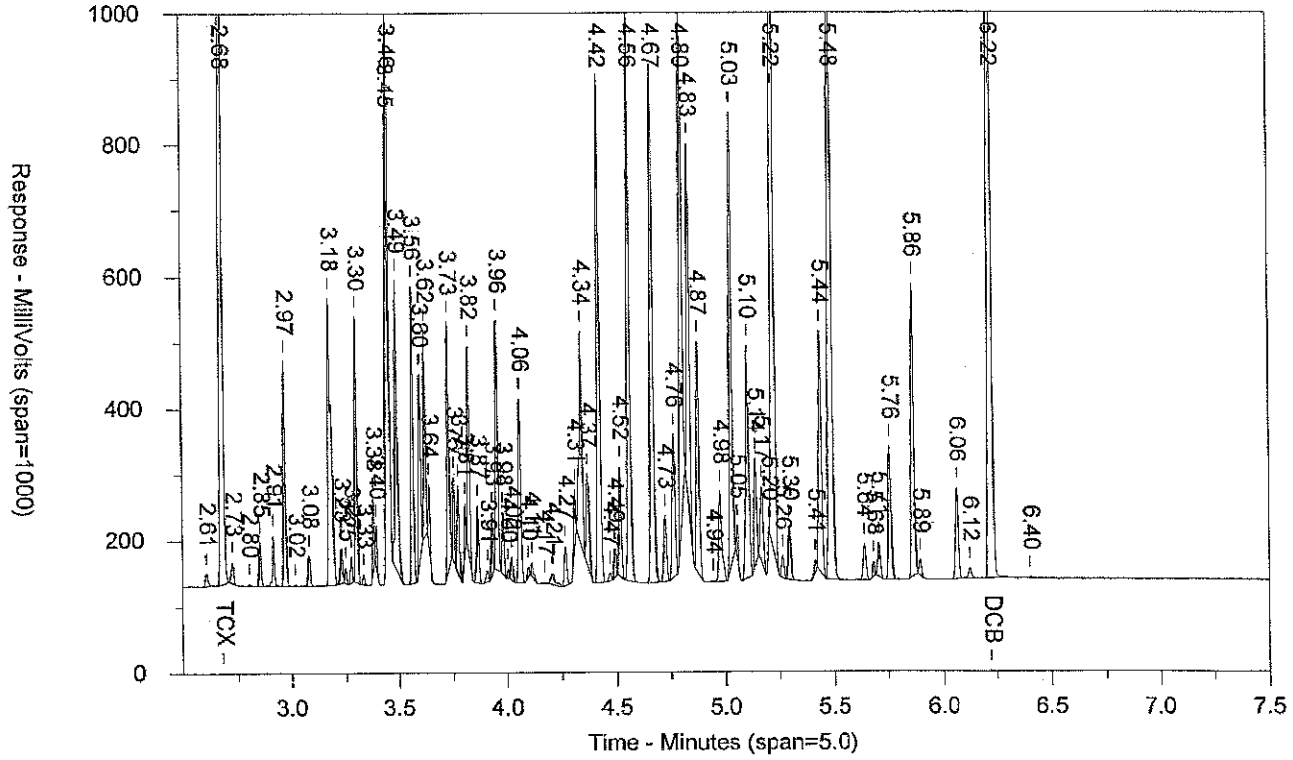

LANCASTER LABORATORIES

Sample Number: AR1631324B ZNAR163ZN CCAL 1313499999
Injected On: 5/15/2013 10:20:09 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3144646	39.186	TCX	2.68	4037487	40.01	TCX
6.451	2856820	42.693	DCB	6.223	2496497	45.224	DCB

Files:
Area File: cp7127.005.RAW
Area File: cp7127B.005.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 10:28:53 PM
File Reported On: 5/15/2013 at 10:29:00 PM

AR1631324B ZNAR163ZN CCAL 1313499999 SW-846 8082

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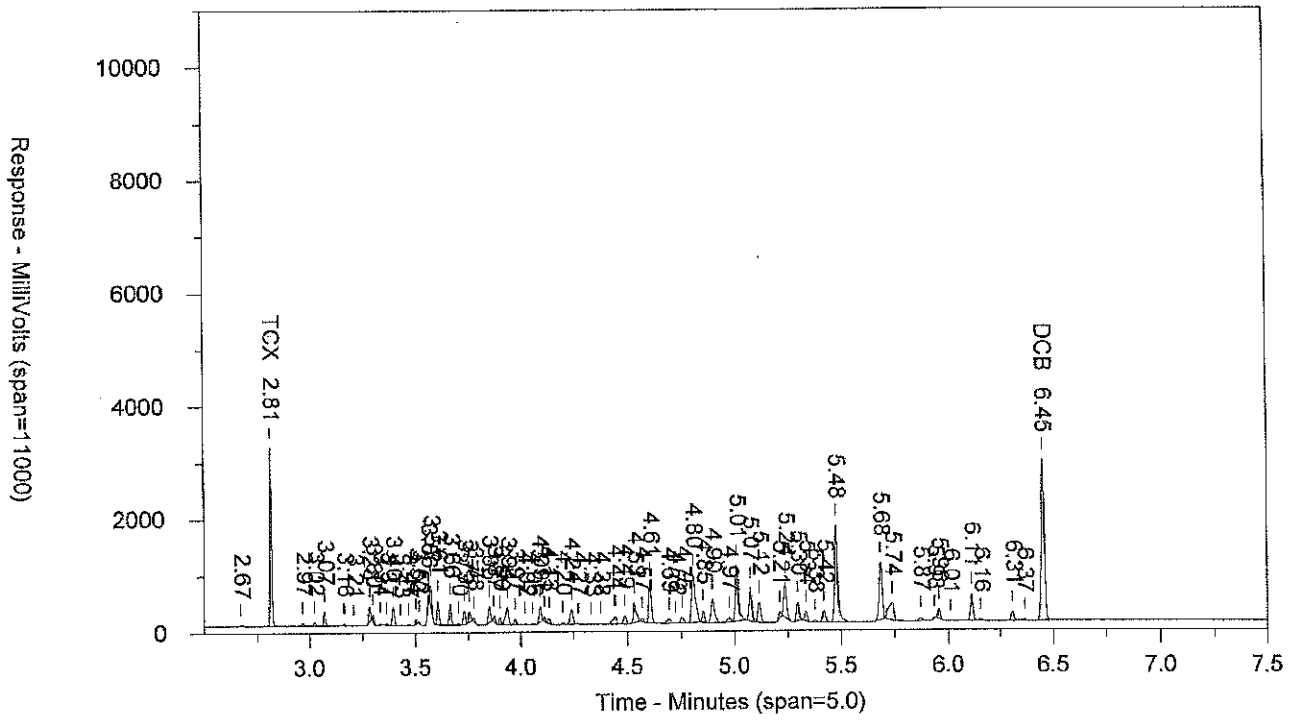

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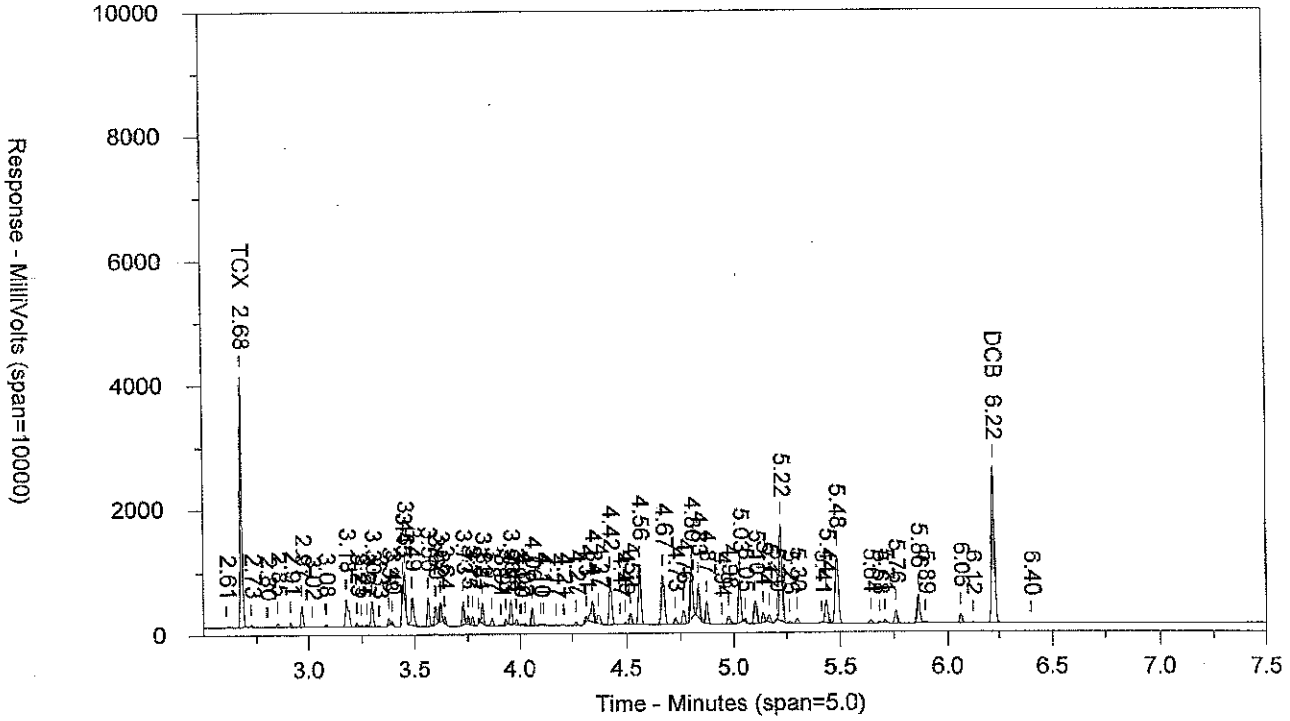

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FPPIBLKFP PIBLK1313499999 Injection VolumeSW-846 8082
Injected On: 5/15/2013 10:31:37 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.006.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.55		2728	3163
1.613		1045	801
1.887		4333	4210
1.987		6636	20536
2.115		2794	2281
2.213		22090	17354
2.27		1431	2092
2.339		3331	2704
2.37		113453	71470
2.413		18969	12151
2.649		44262	27022
2.67		7432	5221
2.751		2994	3835
2.815	TCX	1583022	1013980
2.854		9366	6012
3.012		3010	2060
3.099		1760	1292
3.146		1305	951
3.208		28507	16854
3.227		9939	5781
3.271		4194	3311
3.306		7615	4572
3.431		3290	2404
3.46		4627	4194
3.521		45417	31504
3.553		3736	4095
3.609		1618	1873
3.634		2319	1580
3.744		3241	5433
3.783		7775	5992
3.822		2353	1717
3.937		1434	1149
3.969		7341	6314
4.058		3263	3651
4.197		1484	4374
4.241		2568	4802
4.391		3485	4880
4.533		1477	2496
4.735		8248	12320
4.775		3669	3747
4.804		1670	2541
4.856		1414	1795
4.965		2676	4074
5.01		1337	1081
5.086		3353	5223
5.167		1831	3509
5.245		4260	6403
5.297		1308	1008
5.362		9277	10442
5.421		4295	5715
5.499		8711	11774
5.648		3845	3860
5.685		2390	2057

RT A	Compound A	Height A	Area A
5.725		3426	5100
5.762		3246	3596
5.839		3298	3154
5.872		21487	20560
5.936		31231	35873
6.011		17657	25600
6.118		1043	1566
6.309		15473	24878
6.367		421022	507190
6.452	DCB	1502645	1515405
6.537		7452	8411
6.588		242191	318794
7.122		1508	1680
7.232		1775	2289
8.366		1999	3569

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FPPIBLKFP PIBLK1313499999 Injection Volume: 1 SW-846 8082
Injected On: 5/15/2013 10:31:37 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.006.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.551		2829	2688
1.589		1415	1216
1.613		2088	1748
1.723		1321	1365
1.837		4199	3722
1.936		1885	3348
1.969		27827	23120
2.006		1832	1651
2.052		6837	12695
2.109		3076	2223
2.203		4770	6002
2.3		1425	1854
2.359		2292	1810
2.426		150990	88377
2.47		2118	1086
2.487		24777	14609
2.538		4579	5047
2.608		17427	12147
2.627		7402	3303
2.68	TCX	2102014	1342791
2.784		5096	2783
2.848		2987	3531
2.9		3520	2209
2.99		2104	1321
3.023		2635	2033
3.132		3809	4112
3.187		2837	2075
3.241		18979	12569
3.268		35040	19431
3.34		4711	5608
3.4		3083	3889
3.439		58657	37503
3.558		2080	1111
3.593		1772	1556
3.617		1936	1377
3.645		4918	4755
3.726		4091	5819
3.778		2391	4046
3.843		1850	1077
3.866		8048	4750
3.904		4552	5762
3.98		2087	1674
4.052		7860	5548
4.098		1399	1034
4.168		5725	7974
4.331		5673	28371
4.45		4002	6849
4.54		948	813
4.686		4017	4494
4.738		5840	7234
4.775		2183	1514
4.802		2154	1831
5.032		4469	6572
5.102		1144	1100

5.18		4205	4500
5.222		2169	1686
5.299		9304	7842
5.329		3372	3878
5.405		3285	2924
5.431		1505	1493
5.484		2608	2736
5.62		1958	1582
5.64		20690	17255
5.709		24765	25659
5.766		10182	9961
5.839		1615	1127
5.865		1328	1255
5.896		1302	1218
5.956		2538	2993
6.032		4222	3729
6.063		14237	12207
6.126		323500	386762
6.223	DCB	1282164	1179575
6.295		6286	5558
7.565		769	947

IBLKX1324D FPPIBLKFP PIBLK1313499999 SW-846 8082

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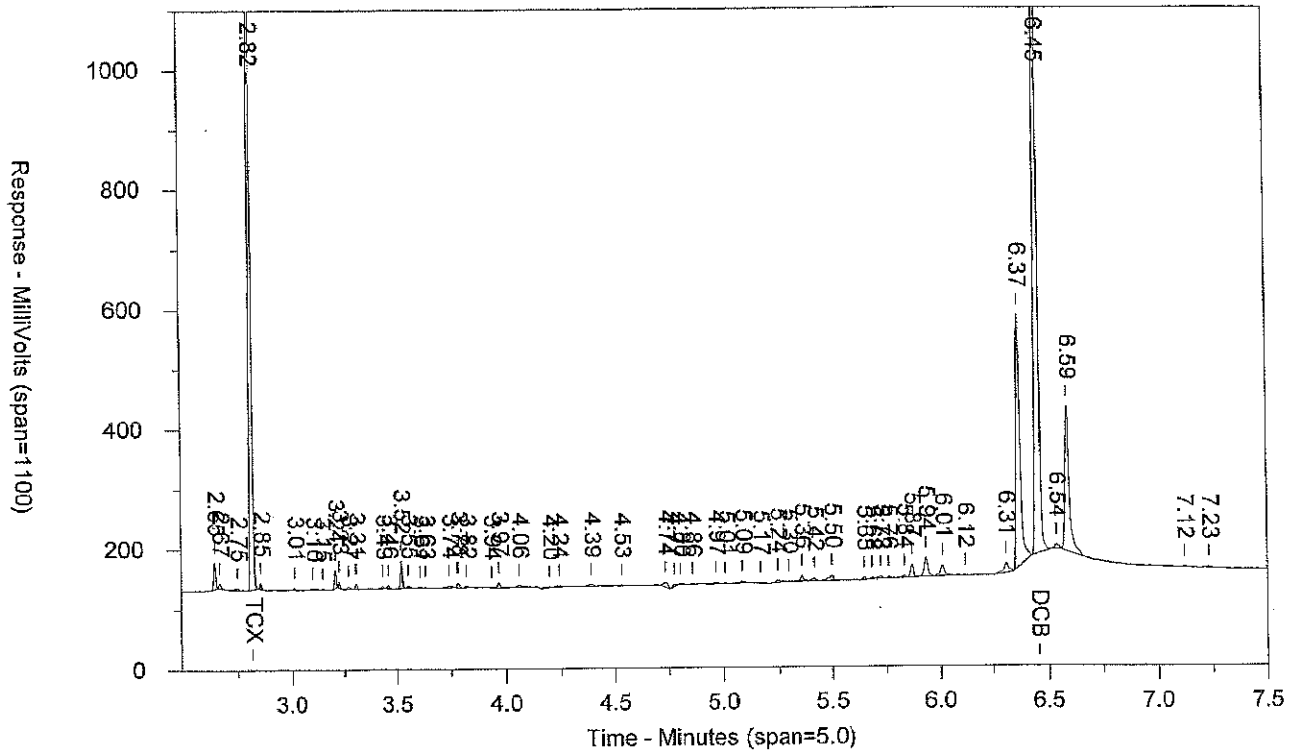

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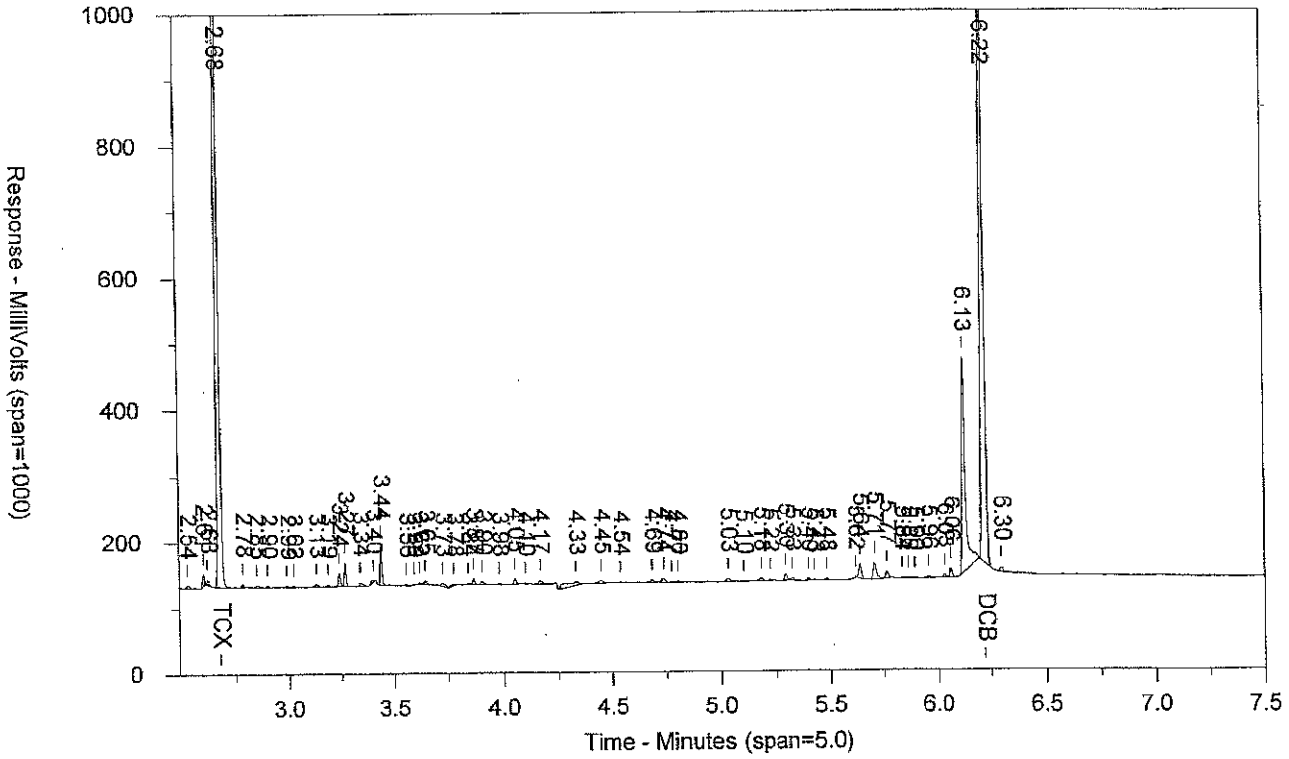

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FPPIBLKFP PIBLK1313499999
Injected On: 5/15/2013 10:31:37 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 100646 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1583022	.197	TCX	2.68	2102014	.208	TCX
6.452	1502645	.225	DCB	6.223	1282164	.232	DCB

Files:
Area File: cp7127.006.RAW
Area File: cp7127B.006.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 10:40:18 PM
File Reported On: 5/15/2013 at 10:40:24 PM

IBLKX1324D FPPIBLKFP PIBLK1313499999 SW-846 8082

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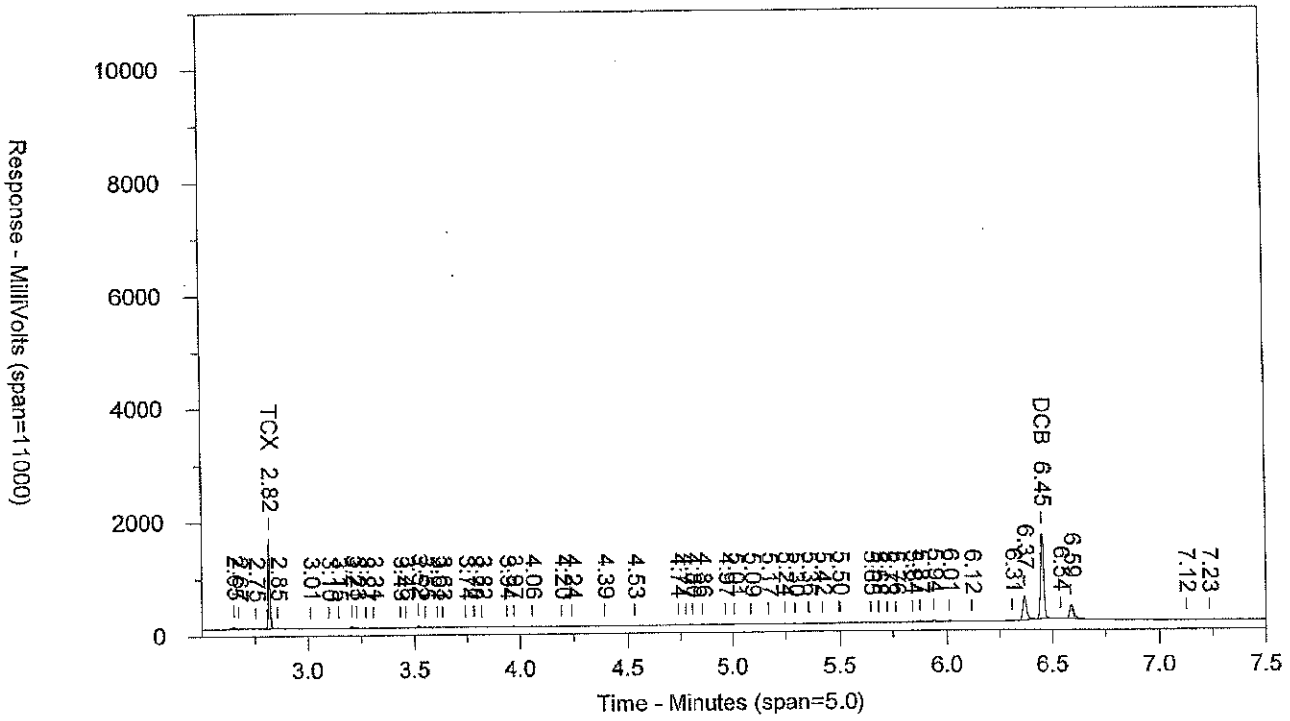

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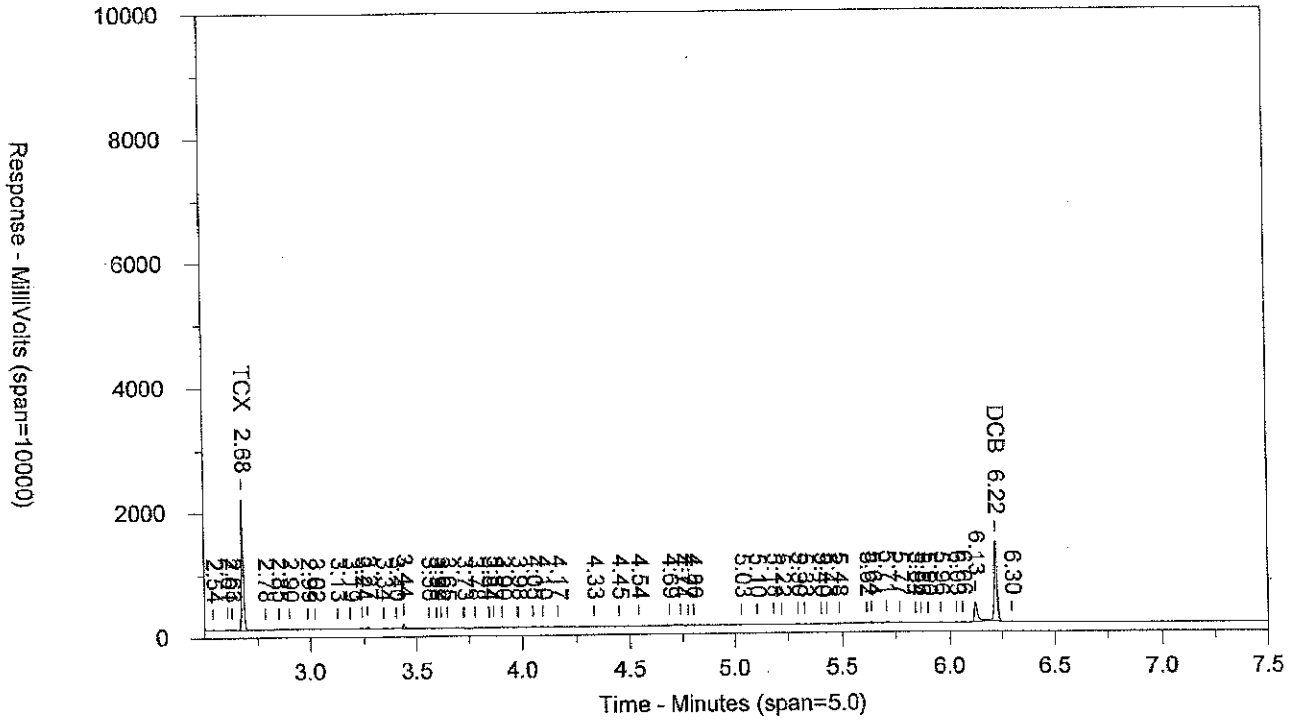

LANCASTER LABORATORIES

Sample Number: AR1631324B ZOAR163ZO CCAL 1313499999 Injection Volume: SW-846 8082
Injected On: 5/16/2013 12:36:46 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.017.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.989		7403	21279
2.115		4961	4461
2.213		20017	16642
2.269		1364	1516
2.458		3089	2772
2.67		8933	7028
2.815	TCX	3154260	2030428
2.967		39925	32997
3.023		53566	39005
3.071		248979	176015
3.162		32659	23842
3.207		1218	1520
3.282		269391	158174
3.299		119290	62520
3.335		31913	17984
3.365		23335	13417
3.395		325978	241725
3.431		1910	1024
3.468		10733	7520
3.503		71518	40949
3.517		31565	14827
3.56		180254	88429
3.57		319235	160502
3.605		417543	303186
3.661		360083	263424
3.7		29876	20756
3.728		240630	174684
3.754		181239	148937
3.775		55668	30300
3.847		280299	198020
3.87		99956	64442
3.9		110887	76892
3.935		288253	282722
3.972		93562	74893
4.018		13803	10386
4.055		17030	14170
4.089		261214	194623
4.109		73173	42808
4.131		86820	61166
4.199		34986	31145
4.24		254392	246145
4.273		6068	3943
4.333		1629	1190
4.373		17749	18026
4.44		130016	159428
4.485		148492	126401
4.531		339537	366246
4.568		70720	49292
4.607		716782	661201
4.648		2734	2667
4.693		71771	82384
4.723		5949	3764
4.751		119358	112149

RT A	Compound A	Height A	Area A
4.803		855336	1036203
4.851		210196	188887
4.893		404291	458238
4.935		4023	2036
4.973		75327	88555
5.008		941078	885754
5.03		25869	11321
5.073		596835	578124
5.116		350741	345935
5.212		93595	71729
5.237		633330	572883
5.295		323801	305191
5.336		165124	159993
5.377		34629	36306
5.421		201998	200626
5.478		1725456	1745125
5.683		1016639	984655
5.739		305418	570432
5.87		60754	61616
5.934		33429	27596
5.954		163776	138151
6.006		4974	5568
6.11		461009	463823
6.155		29671	28019
6.306		151532	155682
6.364		23296	26027
6.45	DCB	2861717	2853064
6.52		2313	3618
8.362		1800	2747

LANCASTER LABORATORIES

Sample Number: AR1631324B ZOAR163ZO CCAL 1313499999 Injection Volume: 1 ulSW-846 8082
Injected On: 5/16/2013 12:36:46 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.017.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.969		24560	22697
2.053		8665	15832
2.11		5879	4100
2.294		1806	2302
2.361		4201	3140
2.427		1756	1562
2.608		19085	17200
2.68	TCX	4081255	2543813
2.725		32186	23989
2.852		66500	44629
2.914		77719	53488
2.967		345081	228789
3.017		2049	1296
3.08		46165	31333
3.176		433066	458349
3.227		53183	34311
3.249		23519	13506
3.273		40054	23265
3.299		409764	300872
3.334		14759	8843
3.38		109101	59563
3.395		60277	30055
3.446		145273	78037
3.455		468395	222462
3.49		453791	366359
3.564		461230	308431
3.597		295393	186836
3.621		311028	183583
3.639		100781	51486
3.728		382661	279242
3.752		138260	80654
3.774		139393	88690
3.805		77446	40667
3.822		321390	201739
3.866		118895	94215
3.91		18029	15604
3.933		92952	58627
3.957		380478	268735
3.982		94654	58954
4.003		12185	5968
4.021		34770	21701
4.058		291025	218103
4.095		14959	10302
4.111		20449	16817
4.172		3833	4614
4.207		15824	16769
4.267		62432	47212
4.312		87081	54192
4.342		343080	309063
4.369		141605	146298
4.423		774987	640205
4.469		11071	8451
4.493		42916	29292
4.518		173297	135820

4.562		945400	771893
4.669		813560	761946
4.725		102807	91798
4.763		221576	194397
4.801		854719	733275
4.833		565092	442123
4.872		353756	301937
4.938		1544	1460
4.975		142335	138943
5.028		684842	600662
5.054		55114	34846
5.103		360658	356991
5.14		167914	132789
5.167		117544	102451
5.2		21877	11993
5.222		1582960	1373125
5.263		31908	25269
5.298		82472	71381
5.414		18019	11337
5.438		365660	325926
5.485		1091524	1136145
5.606		1264	1172
5.64		59943	53309
5.682		22250	16212
5.708		59183	49193
5.758		200255	186211
5.863		432086	393406
5.894		22599	16357
6.063		138994	123551
6.124		19069	18282
6.222	DCB	2498162	2244984
6.4		1552	1601
8.464		1503	2054

AR1631324B ZOAR163ZO CCAL 1313499999 SW-846 8082

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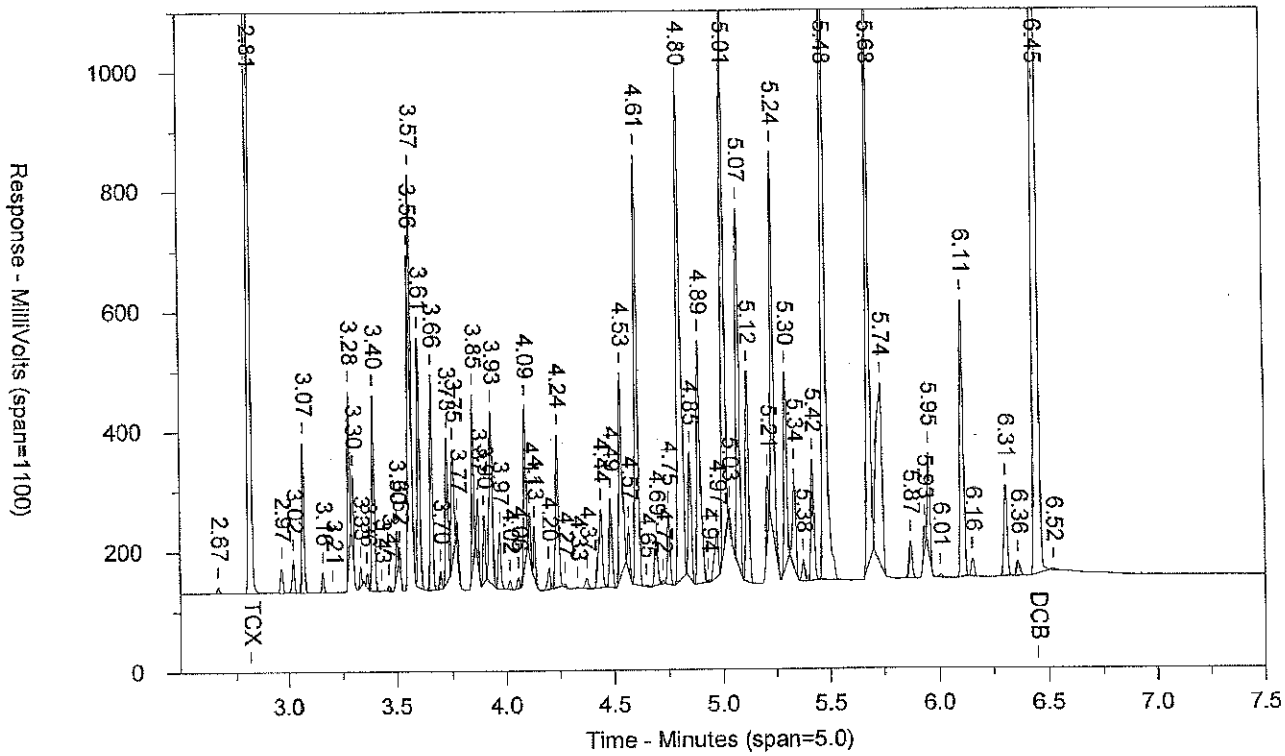

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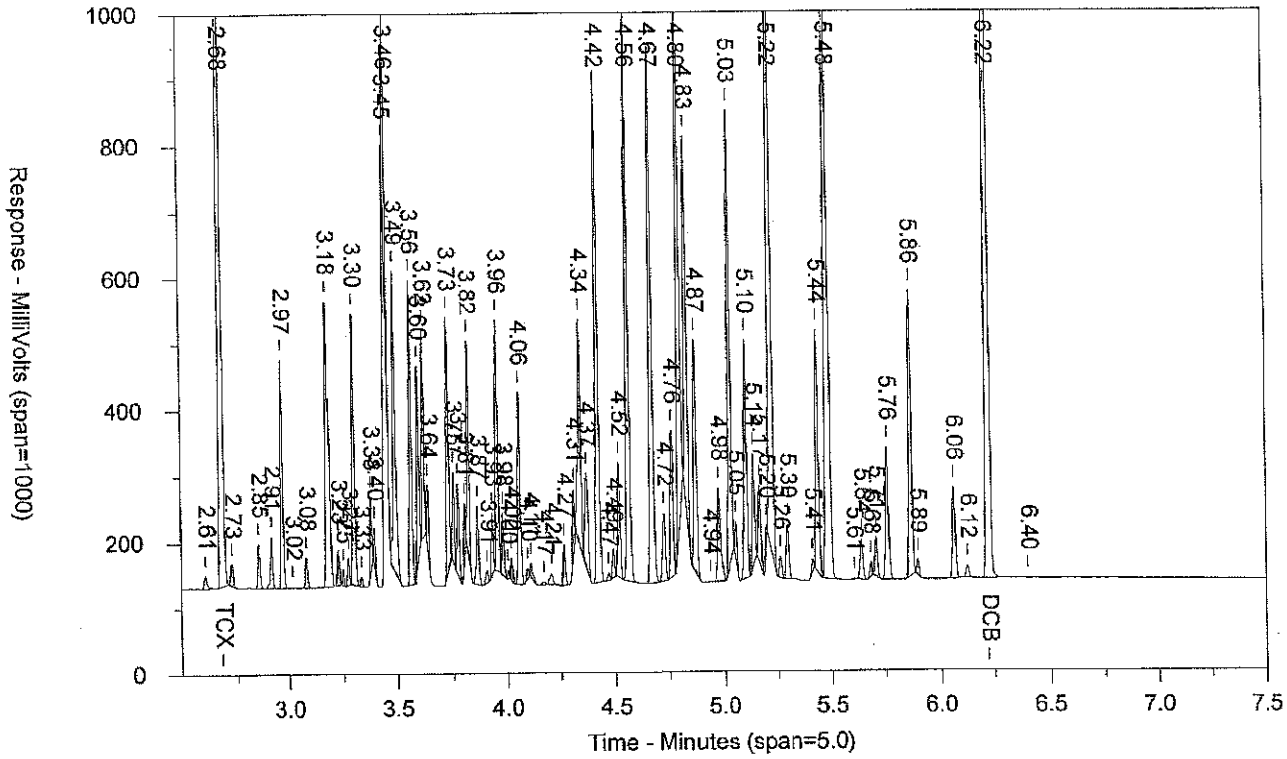

LANCASTER LABORATORIES

Sample Number: AR1631324B ZOAR163ZO CCAL 1313499999
Injected On: 5/16/2013 12:36:46 AM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3154260	39.306	TCX	2.68	4081255	40.444	TCX
6.45	2861717	42.766	DCB	6.222	2498162	45.254	DCB

Files:
Area File: cp7127.017.RAW
Area File: cp7127B.017.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/16/2013 12:45:30 AM
File Reported On: 5/16/2013 at 12:45:34 AM

AR1631324B ZOAR163ZO CCAL 1313499999 SW-846 8082

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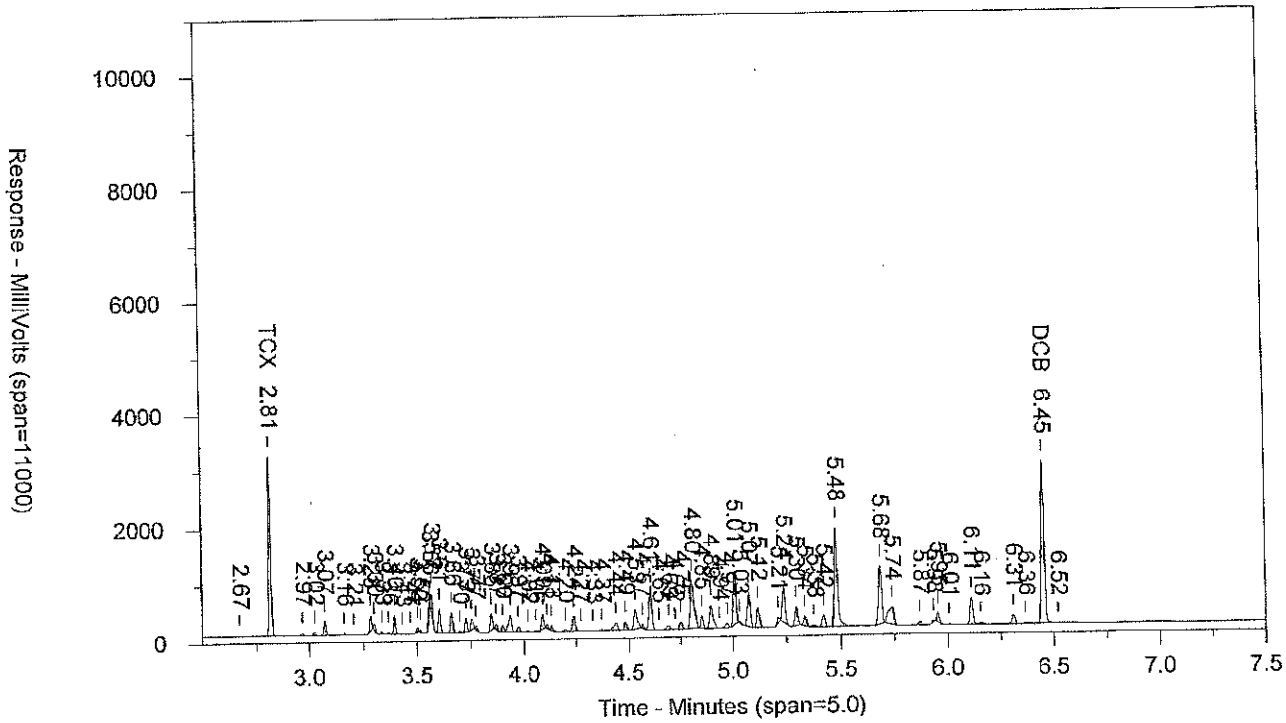

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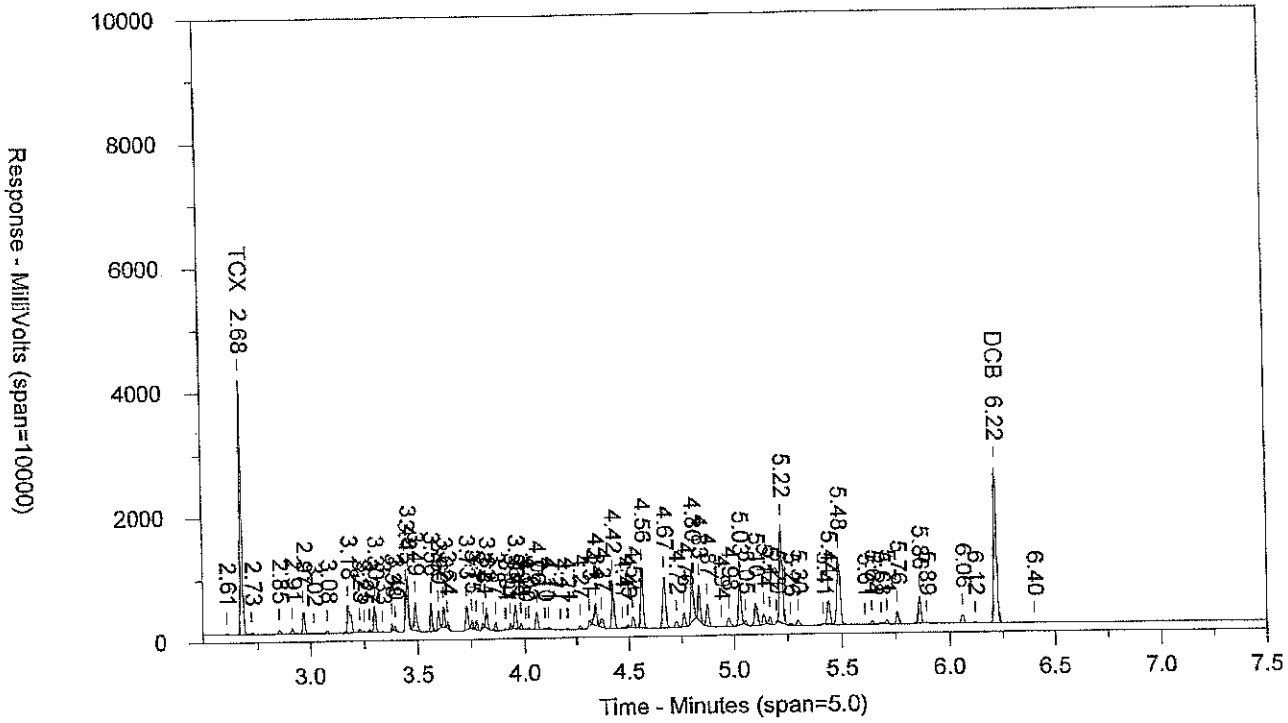

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FQPIBLKFQ PIBLK1313499999 Injection Volume:SW846 8082
Injected On: 5/16/2013 12:48:13 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127.018.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.55		2474	2566
1.616		1313	1855
1.889		1855	1981
1.99		7210	11962
2.115		2339	1690
2.213		14332	11123
2.34		1982	1524
2.37		103628	67150
2.413		17019	10786
2.649		40312	24278
2.67		8846	6158
2.751		2015	1137
2.815	TCX	1565558	1008724
2.854		9639	6191
3.012		3129	2177
3.119		1429	732
3.147		1770	1654
3.208		25028	14583
3.227		11021	5941
3.272		3302	3046
3.305		6046	3606
3.429		2128	1576
3.461		5224	4504
3.519		45437	31248
3.552		3549	3692
3.605		1833	1556
3.632		2232	1583
3.753		1790	4038
3.783		5624	4198
3.822		2480	2032
3.97		4653	4264
4.057		1333	1372
4.197		1568	5165
4.238		2463	4691
4.43		1699	1954
4.734		3761	5699
4.769		3259	2963
4.853		1441	1845
4.892		2020	2564
4.962		3129	4324
5.007		1701	1556
5.077		1281	1931
5.169		1160	2101
5.239		1984	3189
5.296		1503	1524
5.36		8145	9473
5.418		1660	1843
5.498		10973	14257
5.647		4226	4093
5.684		2269	1785
5.724		1993	3309
5.766		887	785
5.837		4247	3816

RT A	Compound A	Height A	Area A
5.872		24878	23887
5.934		33447	38367
6.009		17991	23984
6.115		1009	1498
6.308		16219	21323
6.366		467999	537673
6.45	DCB	1465773	1490085
6.537		5166	6095
6.588		82882	122195
6.729		1989	2604
8.364		1939	3016

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FQPIBLKFQ PIBLK1313499999 Injection Volume: 1 uSW-846 8082
Injected On: 5/16/2013 12:48:13 AM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: cp7127B.018.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.551		2671	2652
1.839		1849	1764
1.924		1598	1928
1.969		17673	15088
2.054		10410	19104
2.109		2966	2236
2.205		2169	1894
2.295		1682	1820
2.359		2509	1669
2.426		135475	83194
2.487		21601	13239
2.547		2958	3077
2.608		19759	14151
2.627		7030	3022
2.68	TCX	2061327	1332012
2.784		5679	3758
2.858		1750	2139
2.9		3499	2052
2.99		2288	1363
3.022		2591	2265
3.186		2825	2387
3.242		19791	12641
3.268		27370	15571
3.341		4556	5236
3.4		3917	3306
3.438		59339	37613
3.558		2221	1533
3.594		1847	1807
3.616		2362	1758
3.645		2076	1800
3.723		4075	6087
3.78		1982	3881
3.843		2023	1290
3.866		5932	3353
3.902		1967	2388
4.052		5046	3411
4.097		1485	1598
4.165		3094	3759
4.236		3154	2852
4.328		4113	16755
4.424		1110	921
4.564		1266	1313
4.687		4314	5385
4.736		3884	4937
4.775		2969	2228
4.8		2322	2037
4.937		1688	1761
5.031		2629	3572
5.1		1547	1588
5.143		795	697
5.181		3221	3325
5.22		2541	2070
5.298		10913	9522
5.33		1759	2165

5.406		3545	3110
5.433		1556	1619
5.482		3230	3256
5.639		25211	27416
5.709		29059	28847
5.767		14529	16071
5.837		1303	975
5.896		1325	1258
5.954		2874	3234
6.03		3130	2567
6.062		14862	12805
6.125		367066	402372
6.223	DCB	1280271	1182423
6.294		7410	6788

IBLKX1324D FQPIBLKFQ PIBLK1313499999 SW-846 8082

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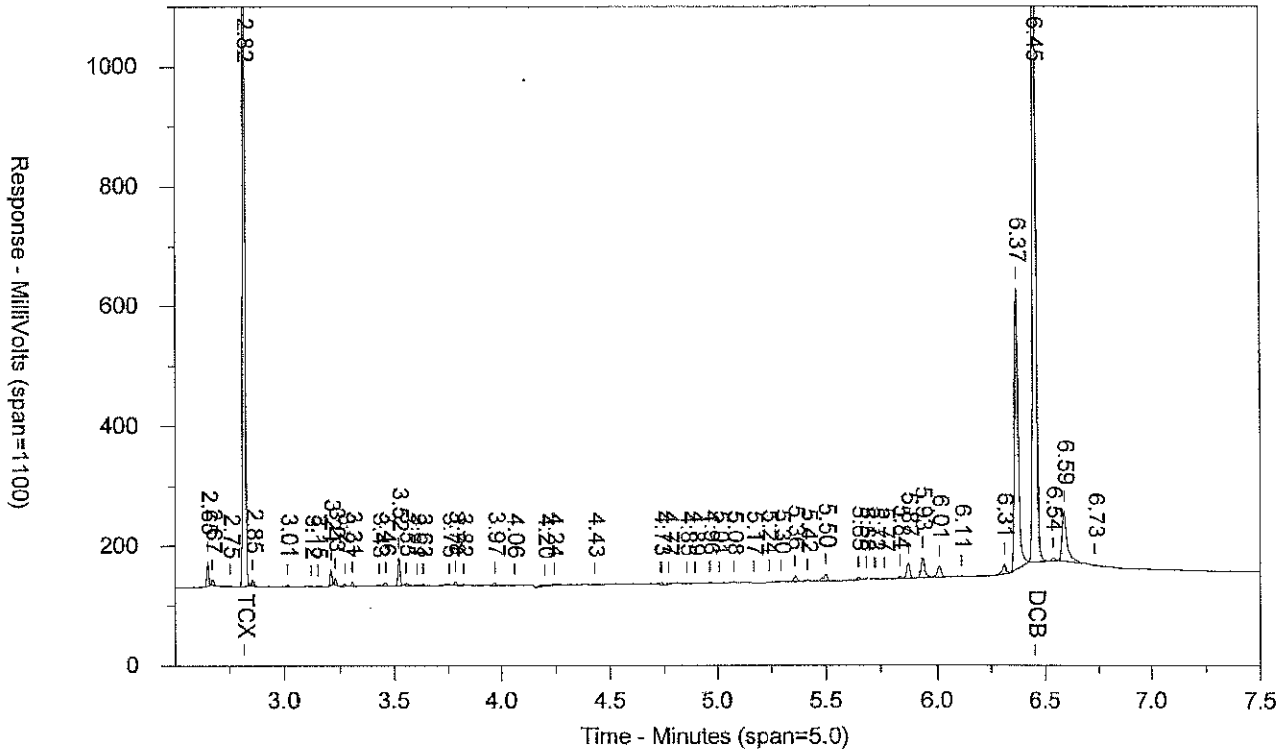

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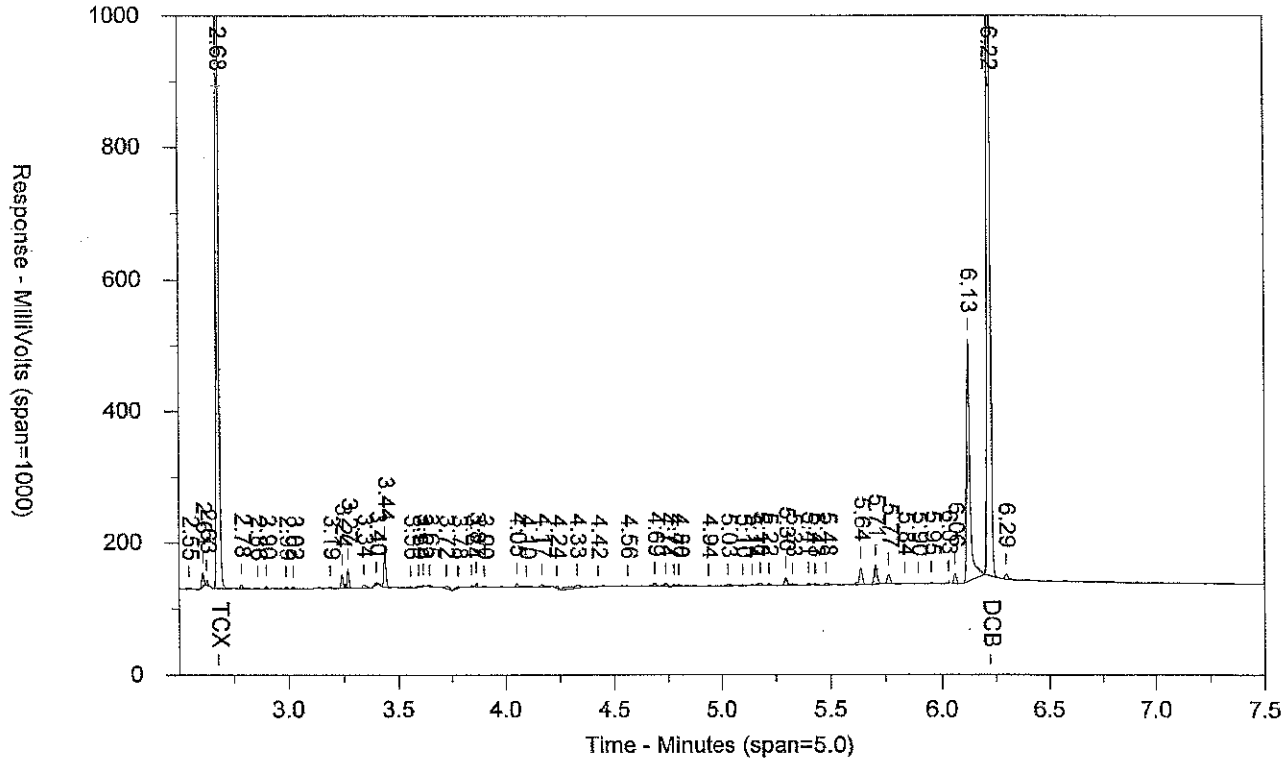

LANCASTER LABORATORIES

Sample Number: IBLKX1324D FQPIBLKFQ PIBLK1313499999
Injected On: 5/16/2013 12:48:13 AM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1565558	.195	TCX	2.68	2061327	.204	TCX
6.45	1465773	.219	DCB	6.223	1280271	.232	DCB

Files:
Area File: cp7127.018.RAW
Area File: cp7127B.018.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/16/2013 12:56:56 AM
File Reported On: 5/16/2013 at 12:57:00 AM

IBLKX1324D FQPIBLKFQ PIBLK1313499999 SW-846 8082

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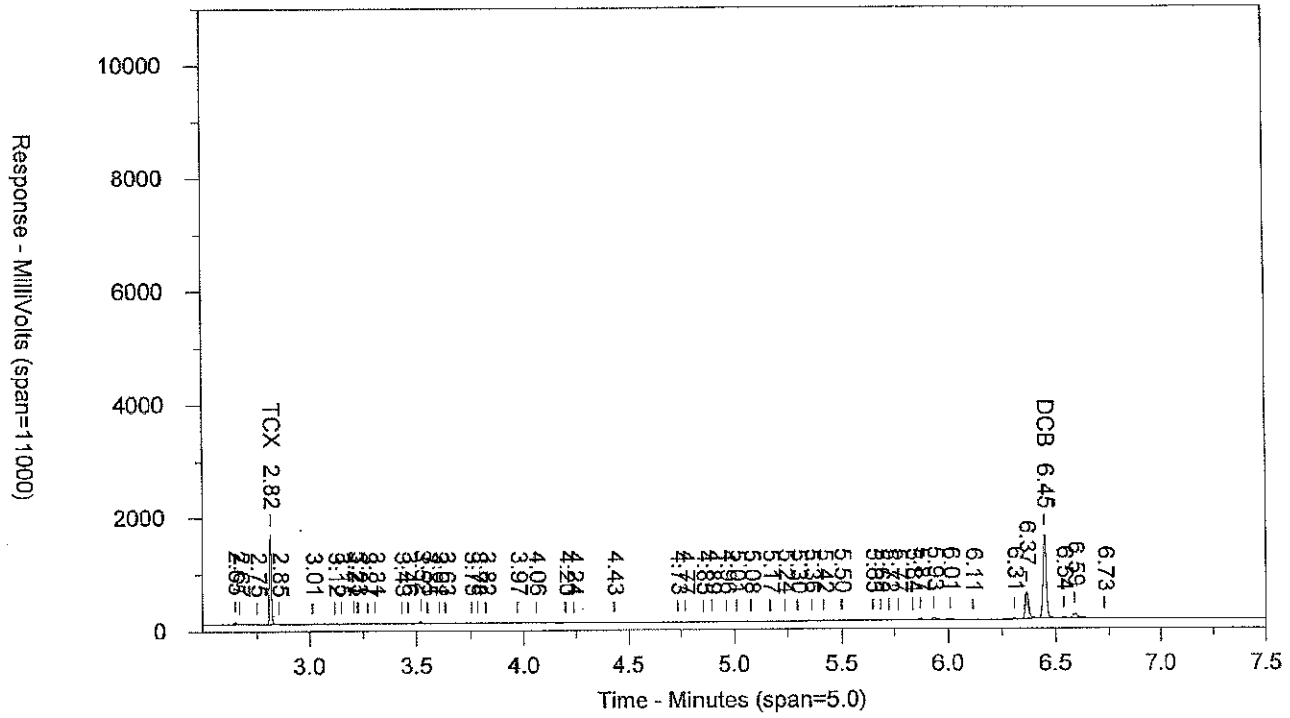

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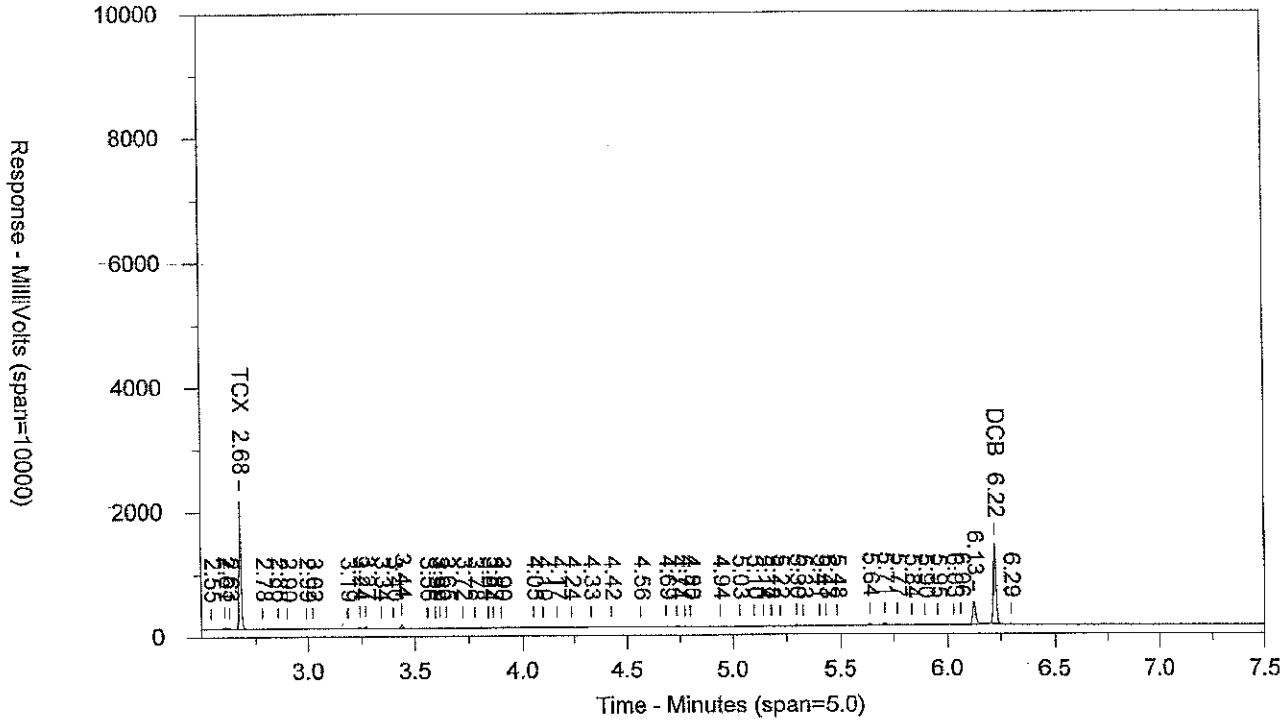


LANCASTER LABORATORIES

Sample Number: AR1631324B BLAR163BL CCAL 1314099999 Injection Volume: SW846 8082
Injected On: 5/21/2013 12:28:38 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.033.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.703		835	887
1.989		4949	11816
2.066		2407	3667
2.115		4938	3436
2.214		27099	21524
2.272		1298	1509
2.458		3621	3730
2.671		5608	4365
2.815	TCX	3180796	2063552
2.967		39704	32929
3.024		55102	39683
3.071		255080	178167
3.163		33618	22856
3.283		273812	161632
3.299		122116	63754
3.336		31764	18170
3.351		7553	2772
3.366		25002	14098
3.396		325284	248528
3.432		1633	869
3.47		11119	7546
3.505		77748	42905
3.519		37420	17070
3.564		131244	78809
3.573		342100	172249
3.608		428498	314592
3.665		373317	274262
3.702		31048	21219
3.729		256193	182342
3.755		191484	156570
3.776		60470	31637
3.85		285229	206892
3.873		104888	67279
3.903		117404	80269
3.937		302000	296132
3.974		102394	78336
4.021		14349	11222
4.059		17186	14396
4.091		273826	200391
4.112		79058	44519
4.134		91274	66370
4.201		36492	40200
4.243		259351	254413
4.276		5096	2950
4.335		1505	1185
4.377		14716	15088
4.443		133843	162094
4.489		150979	129663
4.535		361036	380464
4.57		64905	48322
4.609		736594	685944
4.696		71908	85372
4.726		5346	3333

RT A	Compound A	Height A	Area A
4.753		93904	86445
4.805		888539	1071080
4.853		207341	194367
4.896		414651	472025
4.939		2803	1416
4.975		78188	89630
5.01		976639	914972
5.033		25596	13305
5.076		628196	593475
5.119		366214	354545
5.216		85839	73058
5.24		631524	589604
5.298		331262	307883
5.337		167254	158668
5.378		33817	35370
5.424		193360	199720
5.481		1743129	1775406
5.686		990431	993539
5.741		305748	566892
5.872		51481	52651
5.935		29160	20865
5.955		163928	142560
6.008		2570	2355
6.113		465529	456429
6.158		29217	26947
6.311		150118	159336
6.366		19110	22931
6.453	DCB	2870510	2817695
6.527		6682	10969
6.61		10443	25455
8.367		2227	4433

LANCASTER LABORATORIES

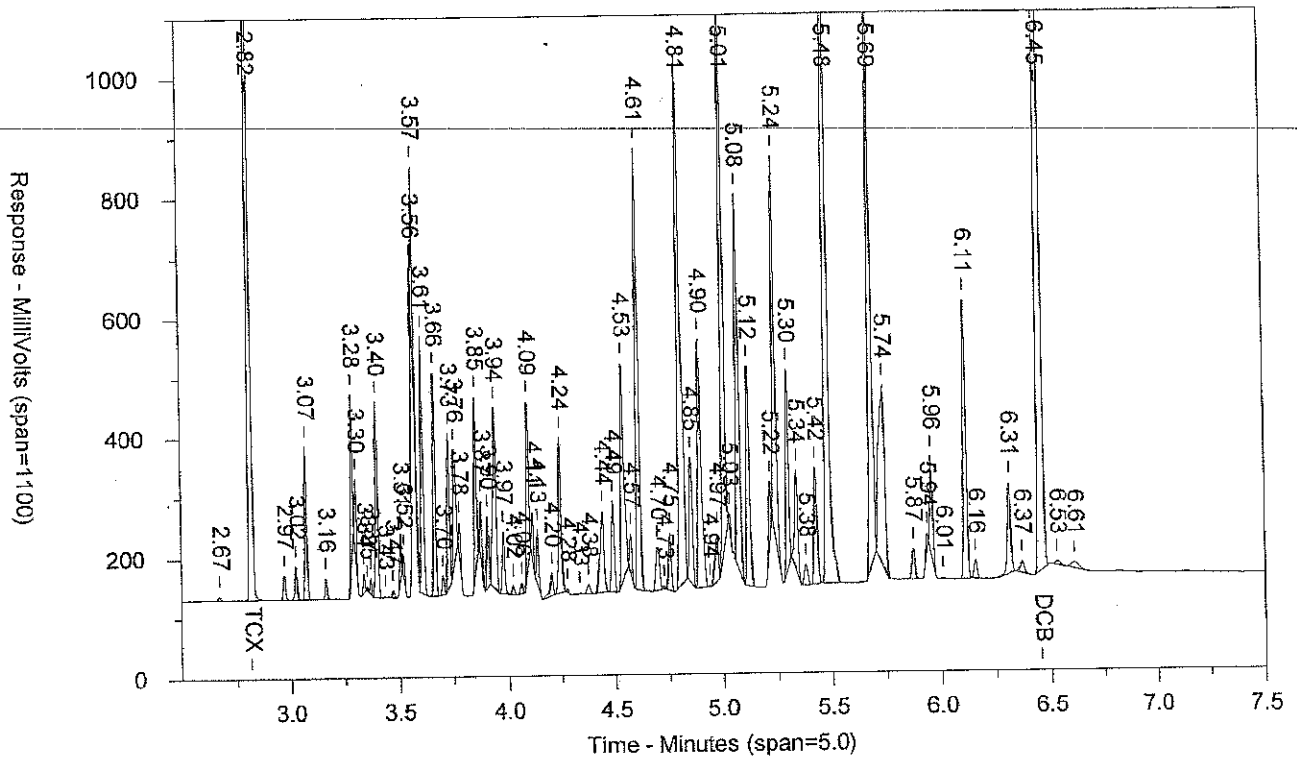
Sample Number: AR1631324B BLAR163BL CCAL 1314099999 Injection Volume: 1 uSW-846 8082
Injected On: 5/21/2013 12:28:38 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.033.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.592		974	828
1.724		1749	2123
1.822		1189	1816
1.969		33671	27510
2.006		2907	2083
2.051		5497	10289
2.109		6252	4312
2.294		2033	3743
2.361		4421	3517
2.426		1549	1454
2.537		1777	1547
2.608		12035	10750
2.679	TCX	4122682	2588147
2.725		32242	24349
2.8		1884	1437
2.852		65937	44499
2.914		78037	54108
2.967		358516	232616
3.017		2334	1446
3.08		47676	32154
3.175		454956	471049
3.227		55258	35375
3.248		24858	14103
3.273		41221	24354
3.299		420345	311518
3.334		15271	9086
3.38		111946	61997
3.395		63636	31505
3.447		153388	86438
3.456		484975	225437
3.491		482081	383618
3.566		488787	322450
3.599		309044	194593
3.623		321971	190986
3.641		106826	55973
3.729		409927	294023
3.752		116108	68718
3.774		144340	93801
3.806		78301	41863
3.823		337123	215054
3.867		127721	98805
3.912		17742	14608
3.934		100026	62791
3.958		403975	282185
3.983		100506	62667
4.005		13222	6482
4.023		36546	23179
4.059		297032	230333
4.097		15407	9928
4.113		19983	17430
4.174		2108	2743
4.209		18879	33677
4.269		64518	50398
4.314		91165	57412

4.344		356332	318385
4.371		144842	152210
4.425		821747	670479
4.471		12047	8777
4.495		45167	30746
4.52		180257	141430
4.564		983913	809939
4.671		846840	792004
4.727		103731	91316
4.764		226651	199271
4.802		832918	753678
4.834		568976	449263
4.874		364109	314052
4.938		1952	2000
4.977		139268	142939
5.03		704329	618911
5.055		54285	34058
5.105		378805	366946
5.141		169632	136403
5.167		122859	102512
5.201		22669	14624
5.224		1628386	1418739
5.265		32118	25592
5.299		80007	69964
5.415		17839	11675
5.439		373260	331031
5.485		1095314	1155493
5.64		52919	47569
5.683		22082	16505
5.709		46310	39081
5.759		198645	182375
5.864		443574	391941
5.895		22657	16585
6.063		132840	122007
6.124		13218	12575
6.223	DCB	2461016	2228768
6.346		8845	40695
6.576		2785	3725
6.624		2539	3971
6.705		4105	5835

AR1631324B BLAR163BL CCAL 1314099999 SW-846 8082

\\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\Hp7127.033.RAW



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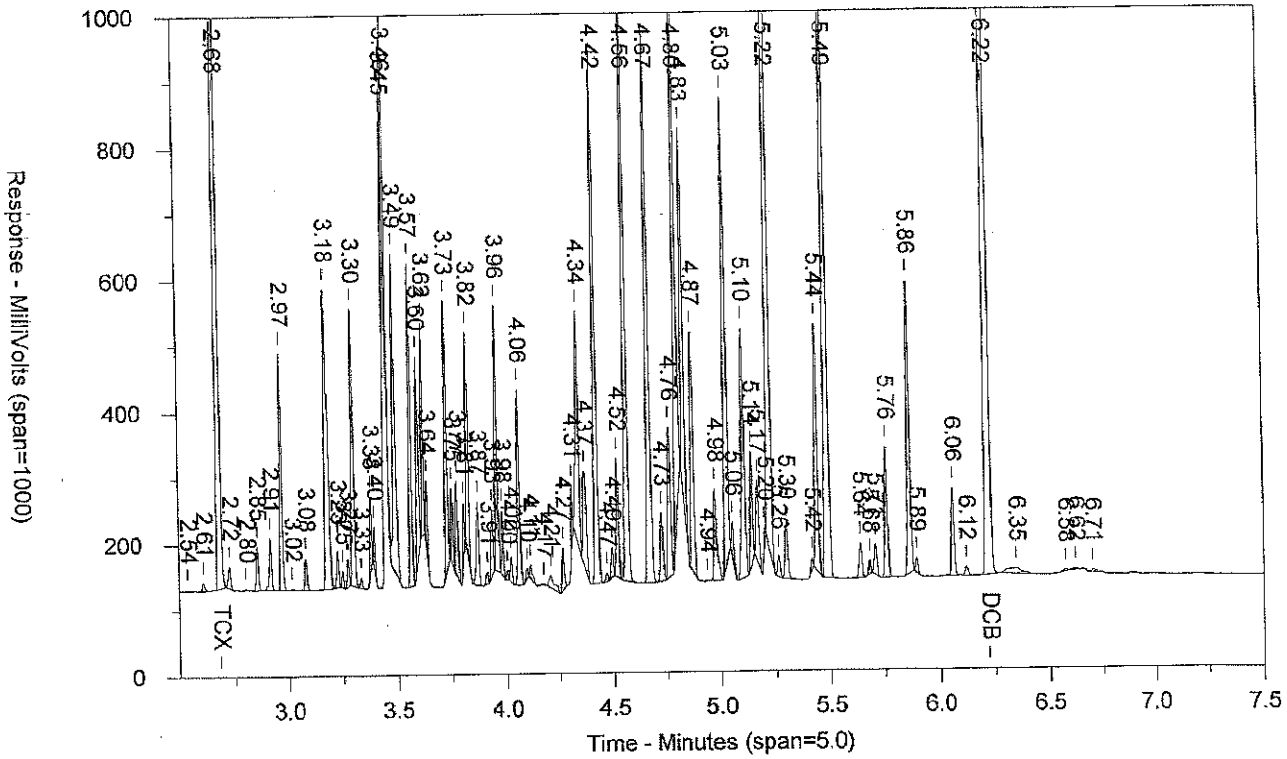

LANCASTER LABORATORIES

Sample Number: AR1631324B BLAR163BL CCAL 1314099999
Injected On: 5/21/2013 12:28:38 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	3180796	39.637	TCX	2.679	4122682	40.855	TCX
6.453	2870510	42.897	DCB	6.223	2461016	44.581	DCB

Files:
Area File: Hp7127.033.RAW
Area File: Hp7127B.033.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 12:37:22 PM
File Reported On: 5/21/2013 at 12:37:26 PM

AR1631324B BLAR163BL CCAL 1314099999 SW-846 8082

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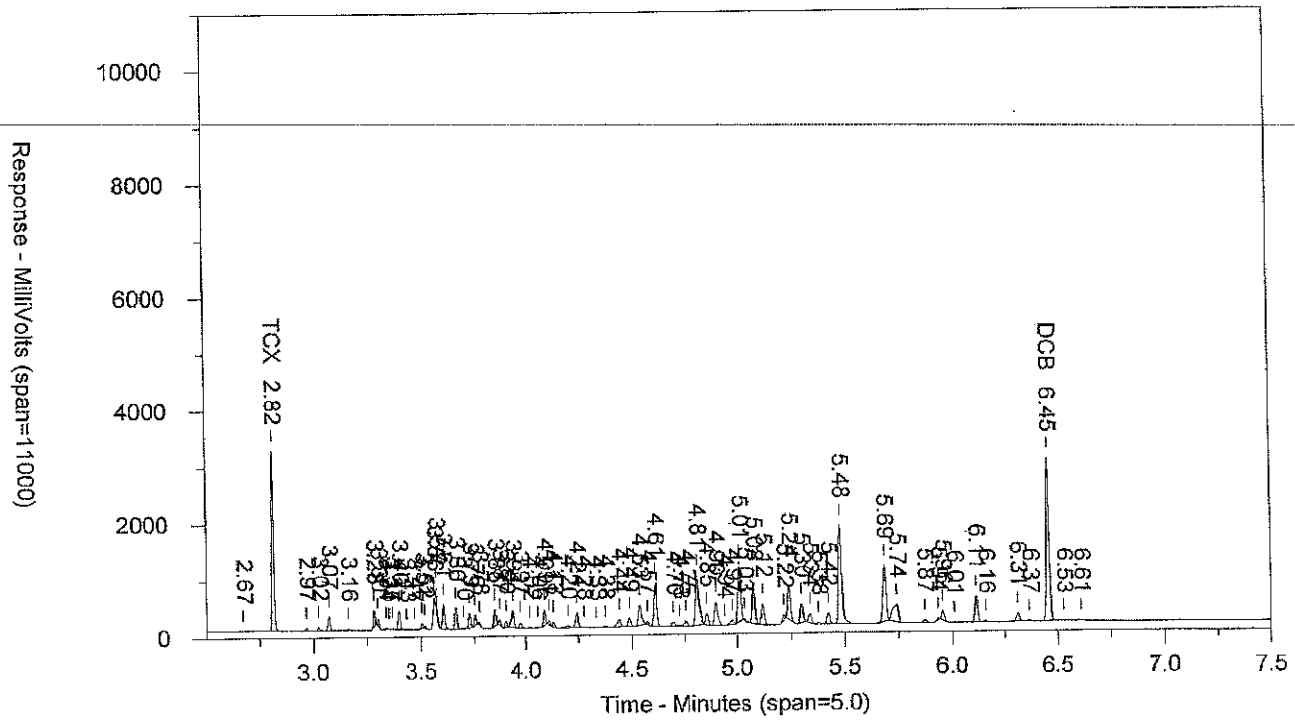

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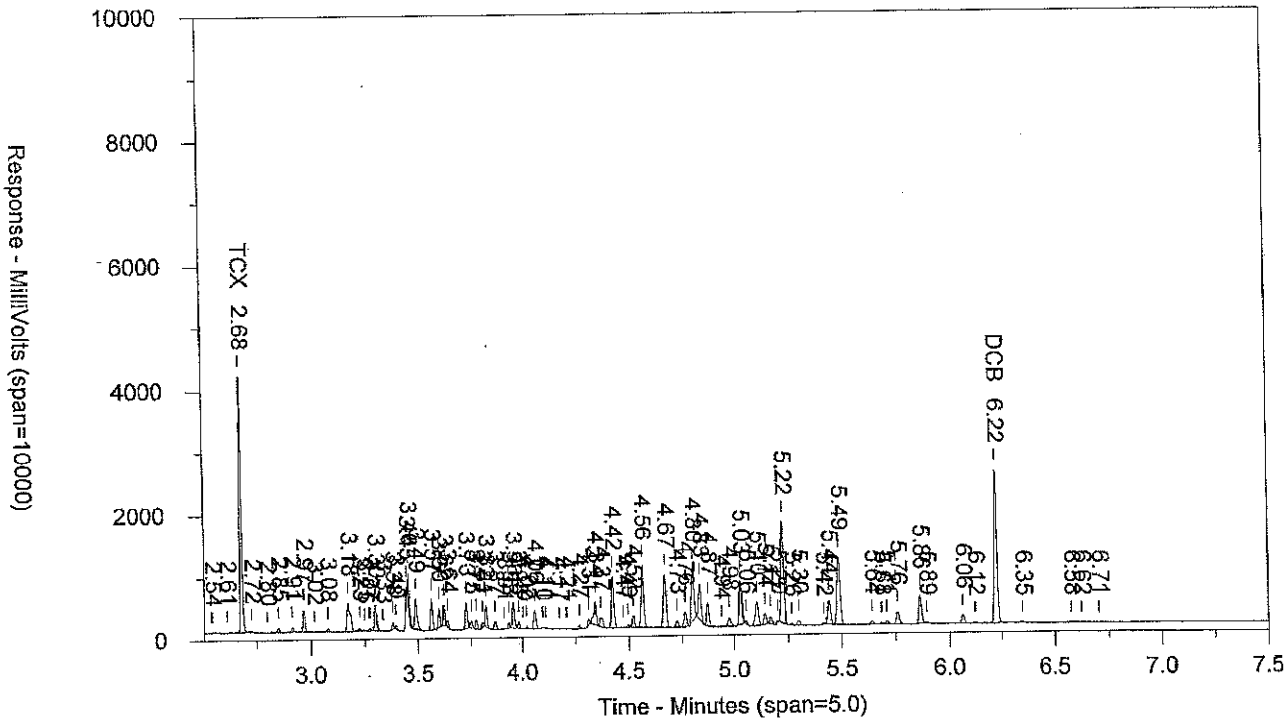

Chrom Perfect Chromatogram Report

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HPPIBLKHP PIBLK1314099999 Injection Volume:SW-846 8082
Injected On: 5/21/2013 12:39:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.034.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.549		2328	1944
1.612		1548	2807
1.815		1227	3844
1.889		5147	7349
1.985		6061	15838
2.114		2606	2121
2.213		27968	21082
2.268		1485	1849
2.339		3181	2545
2.37		114300	72348
2.413		18428	11614
2.649		43555	27214
2.67		4659	3804
2.815	TCX	1576071	998542
2.854		9665	6305
3.011		3112	2031
3.1		1559	1219
3.148		1905	2634
3.207		27699	15919
3.227		11431	6492
3.27		4277	3692
3.305		6928	4227
3.43		3856	3285
3.459		6389	5369
3.52		70559	48004
3.554		6198	6910
3.607		2342	2161
3.633		3685	2409
3.743		3438	6821
3.783		8999	6711
3.822		3748	2648
3.937		1274	1147
3.969		9650	7792
4.056		3052	3157
4.198		1910	6342
4.241		2472	5031
4.295		1206	2030
4.39		3146	4011
4.433		1483	1844
4.526		1534	1678
4.609		1407	1204
4.691		806	646
4.736		8541	11420
4.804		6207	21172
4.856		2070	2532
4.894		2530	2836
4.963		2096	2085
5.009		2227	2137
5.084		3248	5511
5.12		1504	1362
5.242		4689	6947
5.298		1848	1733
5.36		11704	12365

RT A	Compound A	Height A	Area A
5.418		4513	6135
5.479		2828	2109
5.497		5194	3994
5.571		1268	1901
5.605		1107	1099
5.646		2569	2469
5.683		3716	3041
5.724		4017	5954
5.762		2414	2763
5.838		3157	2925
5.871		17547	17321
5.935		26846	30039
6.008		16974	23717
6.113		1263	1838
6.31		14483	23793
6.366		486367	553328
6.452	DCB	1404661	1459011
6.538		5680	6362
6.588		172406	234640
7.236		2137	2768
8.369		2315	4944

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HPPIBLKHP PIBLK1314099999 Injection Volume: 1 uSW-846 8082
Injected On: 5/21/2013 12:39:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
~~Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um~~
Data File: Hp7127B.034.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.55		2756	2880
1.589		1793	1642
1.613		1886	1851
1.837		4042	3440
1.924		2624	3584
1.969		33975	26852
2.052		6042	11331
2.11		3158	2174
2.205		5006	6599
2.295		1725	2111
2.36		2381	1777
2.426		148797	89861
2.47		1995	1002
2.487		23985	14527
2.538		4131	4650
2.608		9296	6292
2.627		7256	3354
2.68	TCX	2069095	1322141
2.783		5667	3133
2.848		3124	3891
2.9		3447	1902
2.99		1974	1305
3.021		2826	2522
3.129		3689	4217
3.186		3474	3028
3.241		21680	14213
3.267		30939	17820
3.342		4911	6564
3.4		9712	15539
3.438		90044	58289
3.477		1388	1887
3.559		2421	1619
3.594		2188	1612
3.618		3041	2324
3.645		4105	3600
3.725		6206	8550
3.777		3007	5089
3.843		2929	1916
3.866		9247	5330
3.901		5259	5717
3.979		2192	1557
4.052		9446	6805
4.097		1920	1410
4.166		5851	6843
4.236		5323	4640
4.33		5826	30359
4.446		3733	5761
4.563		1958	1770
4.669		1112	653
4.686		2774	1732
4.737		7047	8700
4.774		1850	1333
4.802		2947	2640
4.937		2580	2730

4.974		1124	1595
5.031		5064	7735
5.103		1498	1291
5.142		1472	1399
5.182		4998	4985
5.221		3704	2816
5.298		7721	6510
5.328		2947	3685
5.405		3282	3619
5.433		2002	1600
5.483		4324	4457
5.617		1600	1492
5.639		17977	15421
5.708		20725	22168
5.766		11596	13495
5.838		1584	1193
5.864		2198	2124
5.954		3341	3518
6.03		2782	2450
6.062		13531	11670
6.124		378599	419366
6.222	DCB	1257521	1146647
6.294		5641	5343
7.681		2300	3633

IBLKX1324D HPPIBLKHP PIBLK1314099999 SW-846 8082

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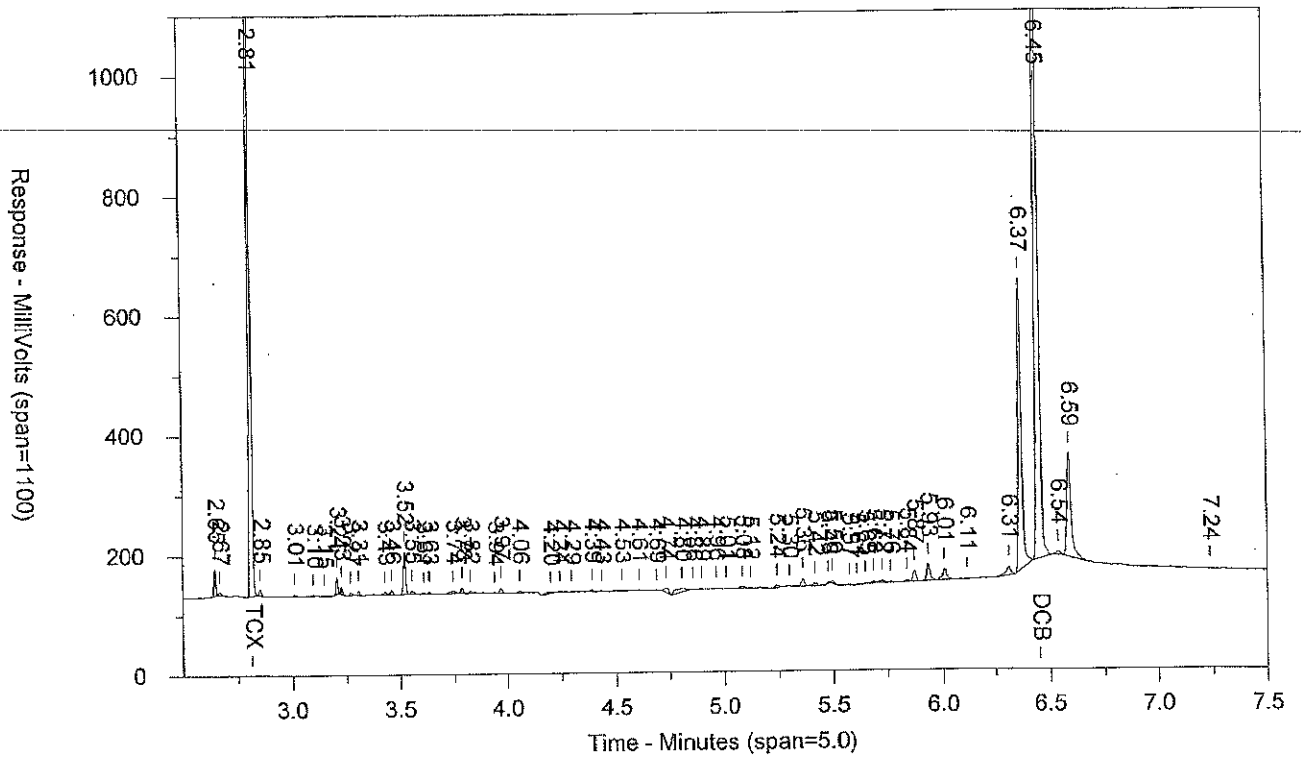

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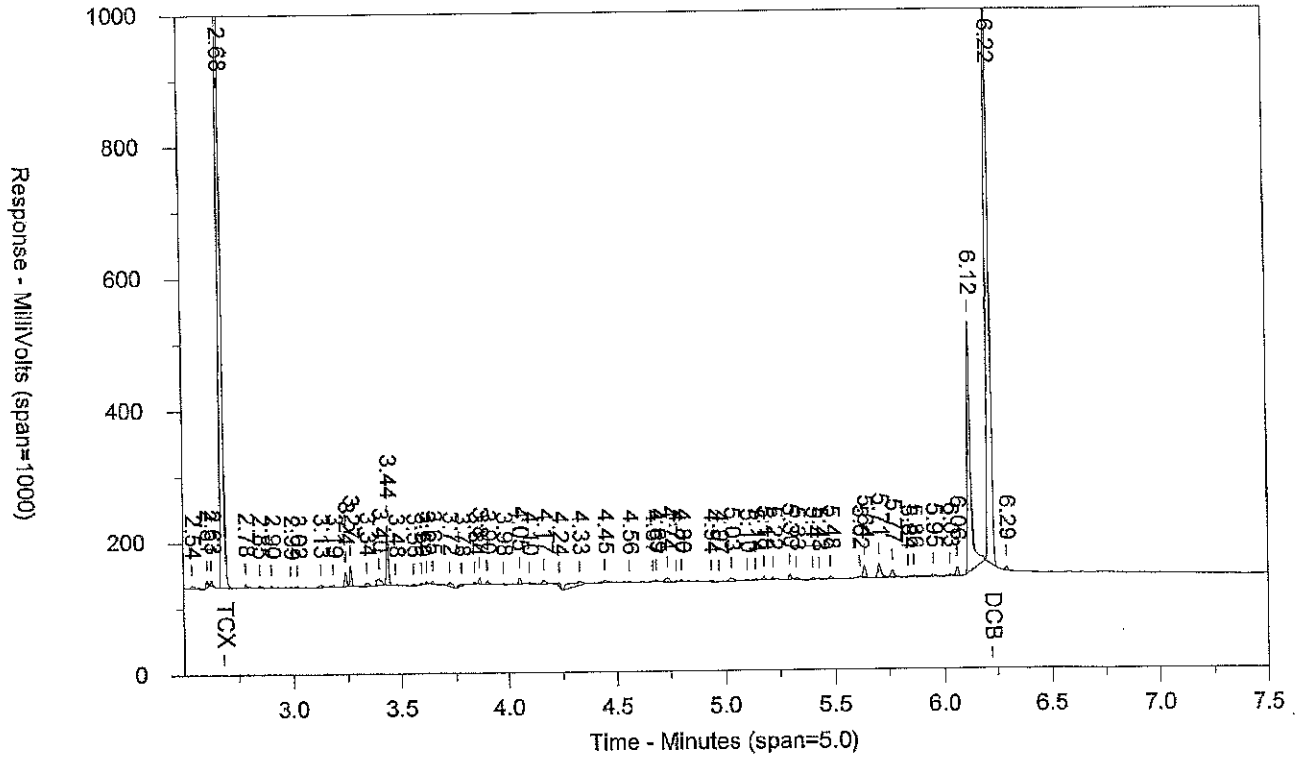

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HPPIBLKHP PIBLK1314099999
Injected On: 5/21/2013 12:39:54 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1576071	.196	TCX	2.68	2069095	.205	TCX
6.452	1404661	.21	DCB	6.222	1257521	.228	DCB

Files:
Area File: Hp7127.034.RAW
Area File: Hp7127B.034.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 12:48:38 PM
File Reported On: 5/21/2013 at 12:48:42 PM

IBLKX1324D HPPIBLKHP PIBLK1314099999 SW-846 8082

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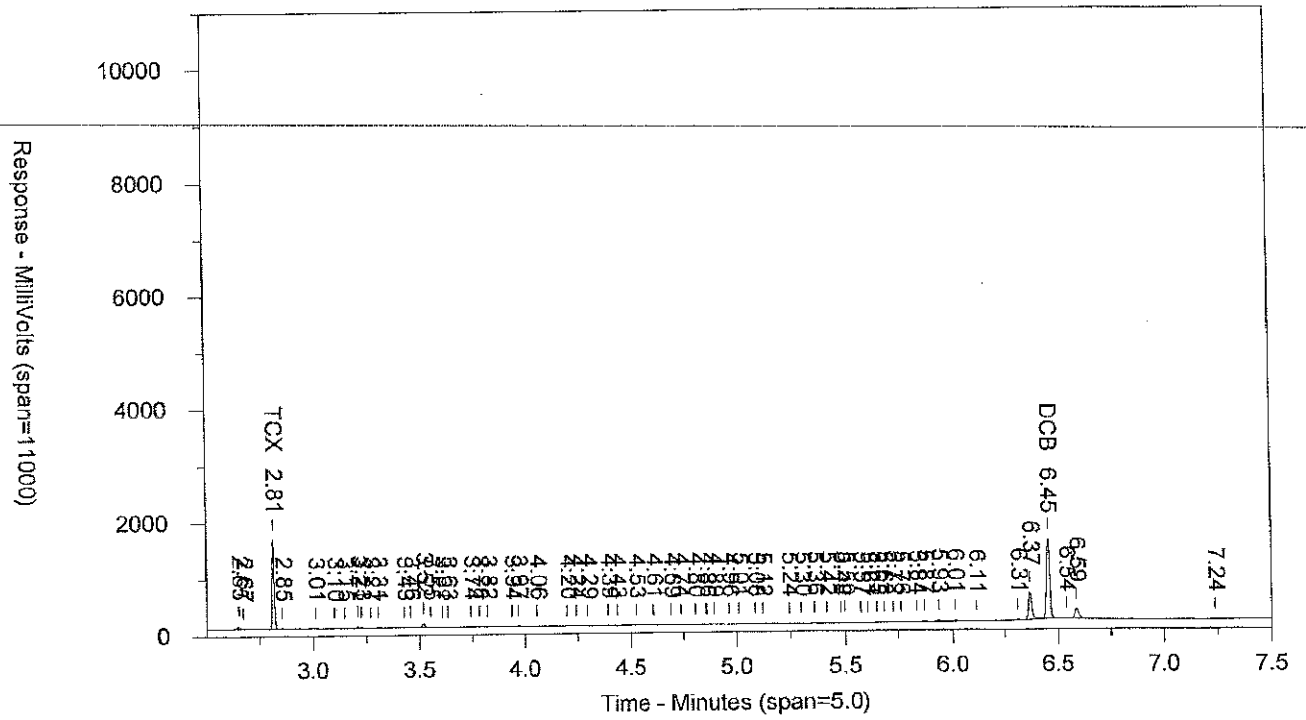

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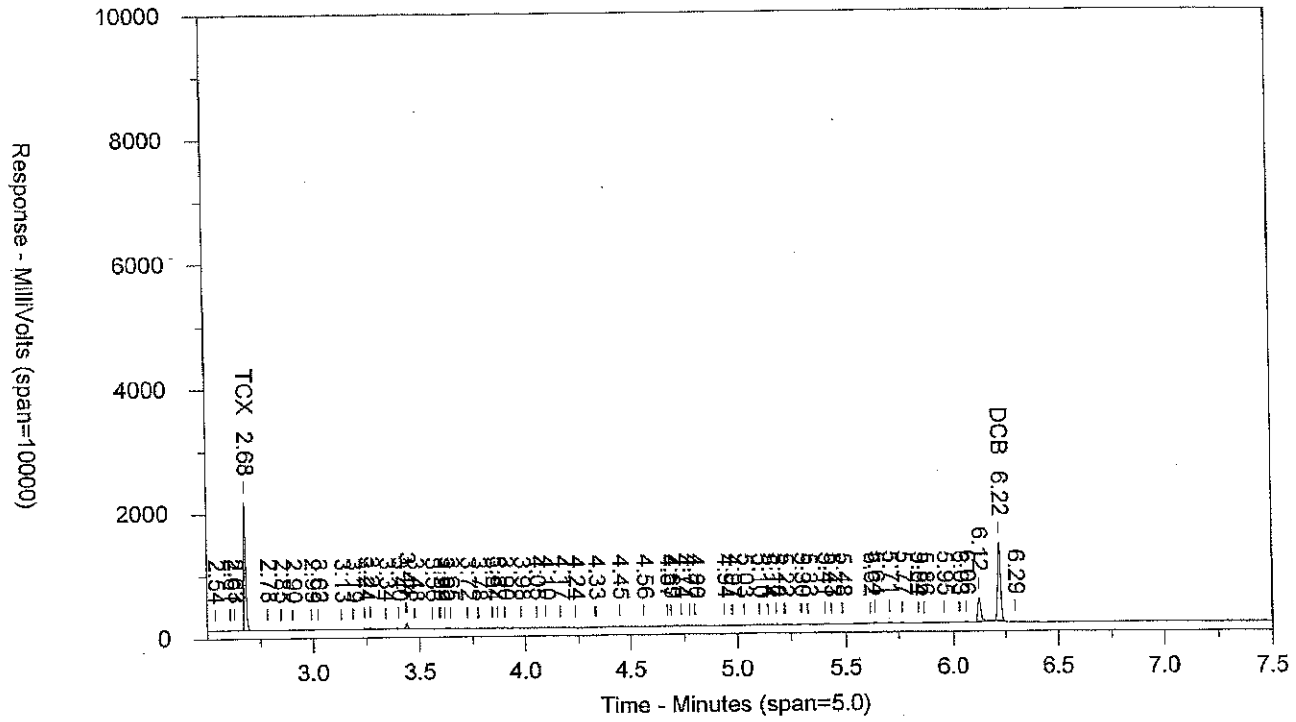

LANCASTER LABORATORIES

Sample Number: AR1631324B BMAR163BM CCAL 1314099999 Injection Volume: SW-846 8082
Injected On: 5/21/2013 1:59:35 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.041.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.987		6075	14017
2.115		4896	3400
2.213		19741	16389
2.269		1495	1600
2.459		3515	3403
2.671		7376	7588
2.737		743	578
2.816	TCX	3220406	2055864
2.967		40015	32964
3.024		55050	39527
3.071		252516	176649
3.163		33320	24378
3.283		272462	160703
3.3		128747	65497
3.336		32037	18227
3.366		25278	14387
3.397		330896	247768
3.434		1934	1233
3.47		11145	7560
3.506		77708	43627
3.52		35397	16782
3.564		145478	78286
3.574		346932	179224
3.609		421104	314454
3.665		382169	272979
3.702		29923	21176
3.73		256789	180822
3.756		196428	156789
3.777		58470	31731
3.85		298274	207931
3.874		105494	65623
3.904		115180	79603
3.937		307480	293748
3.974		99540	77724
4.021		14238	11127
4.06		17180	14312
4.092		272426	199225
4.112		76884	44031
4.134		90030	65048
4.201		35167	34416
4.243		263362	254193
4.276		5236	3354
4.337		1510	1204
4.378		14802	14672
4.443		135401	163570
4.488		147343	130555
4.534		347883	378396
4.571		71453	49555
4.609		743401	684852
4.696		73661	85302
4.726		5925	3483
4.754		107990	97675
4.806		909548	1070707

RT A	Compound A	Height A	Area A
4.853		214707	193159
4.896		409401	471214
4.975		77807	89450
5.011		978655	914581
5.034		30712	13181
5.076		632792	594798
5.119		358964	354463
5.215		89904	71329
5.24		631972	587442
5.298		332308	309684
5.338		165022	163437
5.38		34398	35769
5.424		201945	200016
5.481		1684659	1779608
5.686		1024808	999320
5.741		297639	571975
5.872		54045	54487
5.936		31329	23630
5.956		164962	145112
6.008		3432	3638
6.113		454807	457331
6.158		29240	27756
6.311		146950	149715
6.367		27019	30759
6.453	DCB	2828197	2816177
8.368		2118	3948

LANCASTER LABORATORIES

Sample Number: AR1631324B BMAR163BM CCAL 1314099999 Injection Volume: 1 ul SW-846 8082
Injected On: 5/21/2013 1:59:35 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.041.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.928		750	1199
1.969		24837	21162
2.052		7004	12195
2.11		5951	4121
2.207		1241	879
2.295		2237	2952
2.361		4184	3159
2.427		1846	1605
2.538		1675	1504
2.585		2889	1511
2.608		15695	13516
2.679	TCX	4119904	2577897
2.725		32224	24144
2.852		65508	44297
2.914		78827	54034
2.967		352063	232362
3.017		2222	1367
3.079		46398	31724
3.175		440679	469431
3.227		54644	35289
3.248		23584	13451
3.273		40357	24003
3.298		416280	310225
3.334		14394	8938
3.38		111771	62078
3.396		65187	31513
3.446		147345	87181
3.456		480242	224619
3.491		469144	382570
3.566		473646	321317
3.599		305505	193913
3.623		325883	189285
3.641		102675	53382
3.728		407845	289820
3.752		129647	77151
3.774		143935	93062
3.806		81483	42848
3.823		333951	213964
3.867		126437	98208
3.912		18110	14644
3.934		100673	62586
3.958		399691	281806
3.983		100245	62100
4.005		12958	6295
4.022		36223	22938
4.059		301344	228960
4.097		14781	9722
4.113		20122	16804
4.172		2059	2480
4.209		17772	28112
4.268		64345	50434
4.313		92142	58857
4.343		350573	323318
4.371		150066	152049

4.424		810671	668926
4.47		11953	8693
4.494		43623	30075
4.52		179920	141008
4.563		959274	808452
4.671		839547	790339
4.726		102910	91202
4.764		218651	196680
4.802		852597	754177
4.834		564151	444958
4.874		357166	313914
4.94		1686	1450
4.976		140314	143268
5.03		704041	617764
5.054		51743	32336
5.105		376082	365816
5.141		159932	135016
5.168		120420	103116
5.202		13910	11423
5.223		1589237	1415858
5.264		31504	25434
5.299		79911	71138
5.415		18222	11506
5.439		383617	329326
5.486		1086061	1155498
5.641		54223	48813
5.683		21998	16669
5.709		49451	40460
5.759		200978	183596
5.864		453376	391875
5.895		22435	16419
6.063		136317	121447
6.125		21541	19898
6.223	DCB	2469927	2211997

AR1631324B BMAR163BM CCAL 1314099999 SW-846 8082

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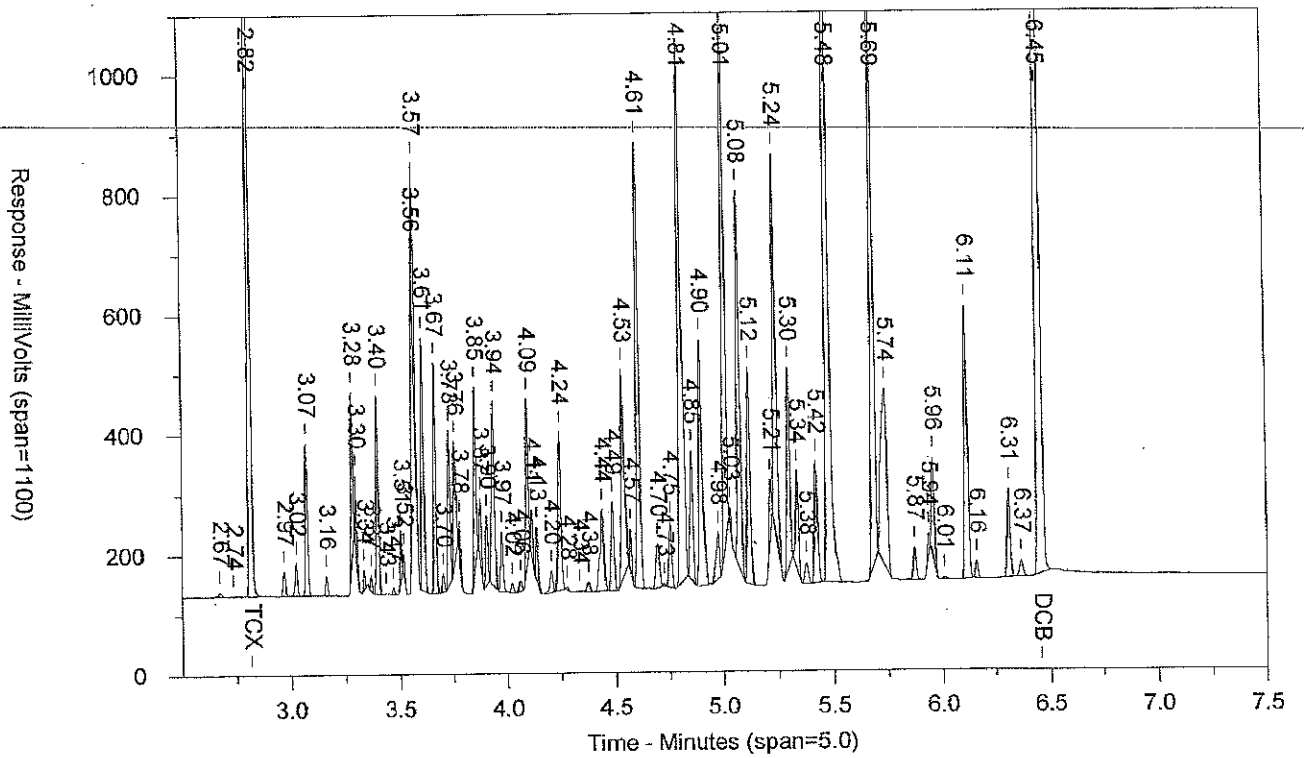

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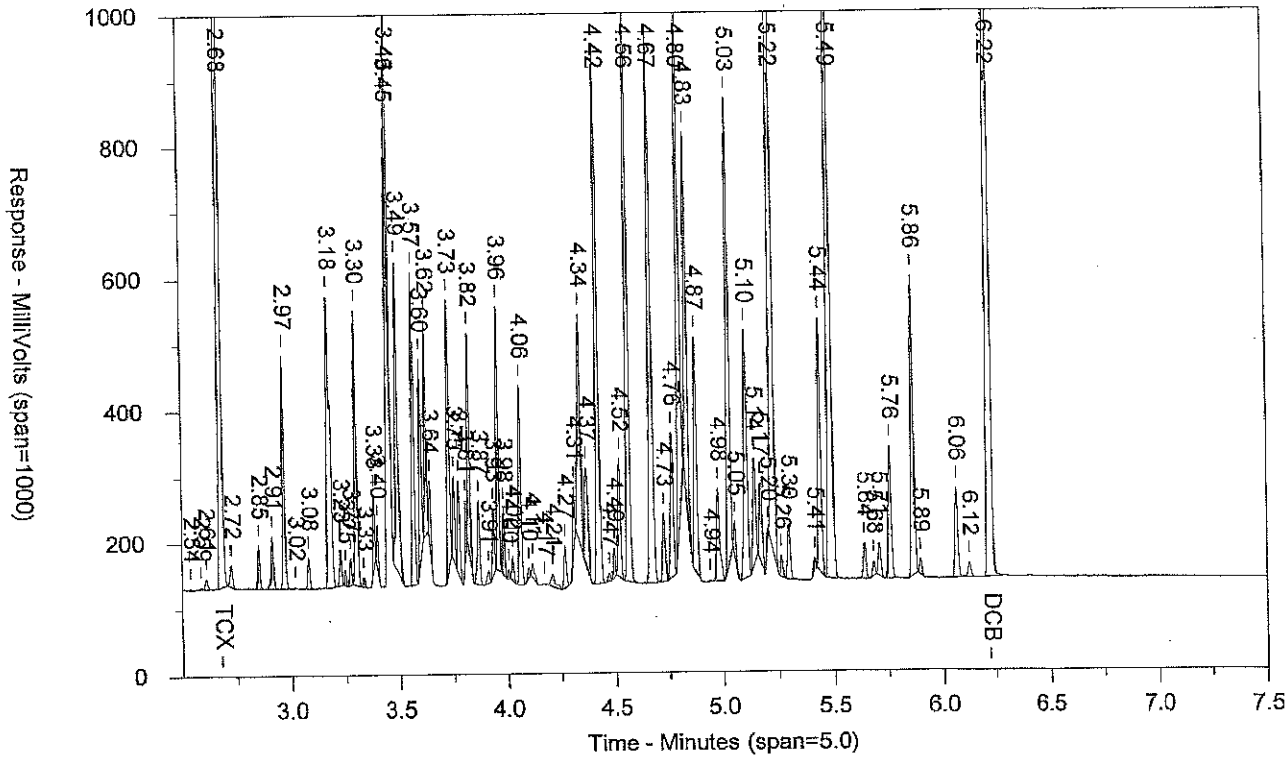

LANCASTER LABORATORIES

Sample Number: AR1631324B BMAR163BM CCAL 1314099999
Injected On: 5/21/2013 1:59:35 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1 SW-846 8082
Dilution Factor: 1

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	3220406	40.13	TCX	2.679	4119904	40.827	TCX
6.453	2828197	42.265	DCB	6.223	2469927	44.743	DCB

Files:
Area File: Hp7127.041.RAW
Area File: Hp7127B.041.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 2:08:16 PM
File Reported On: 5/21/2013 at 2:08:24 PM

AR1631324B BMAR163BM CCAL 1314099999 SW-846 8082

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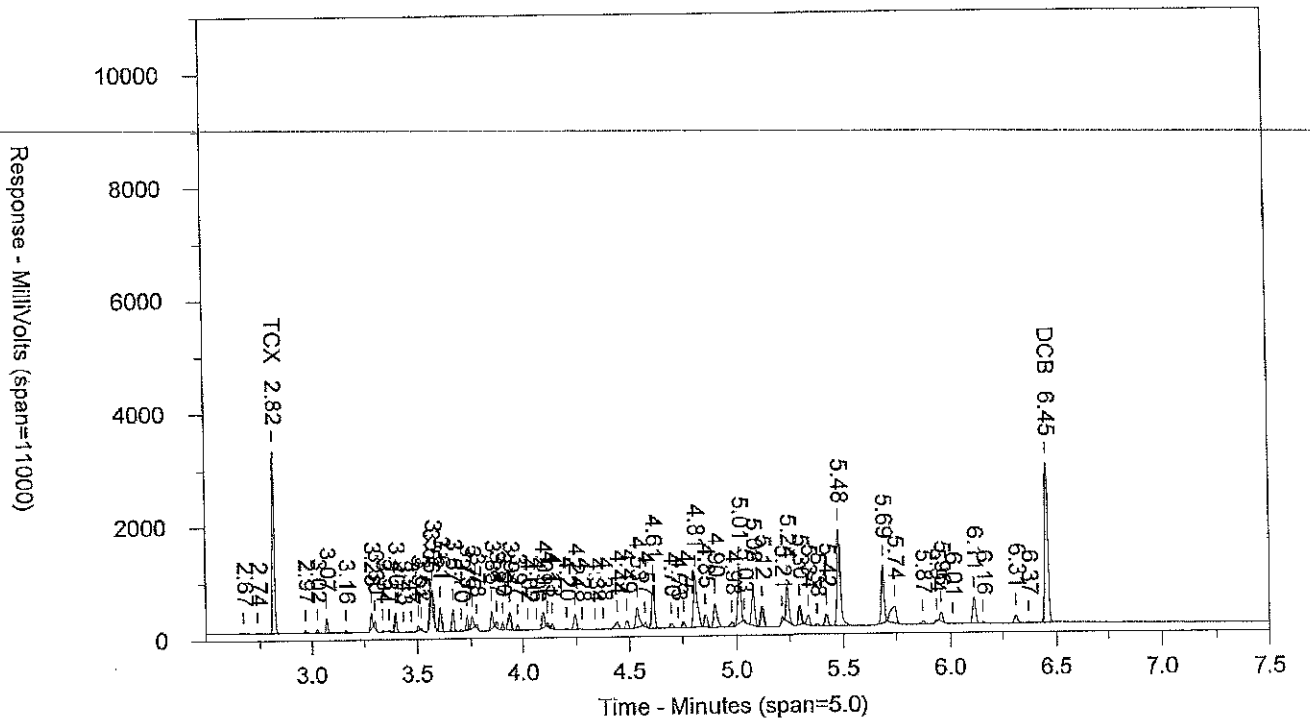

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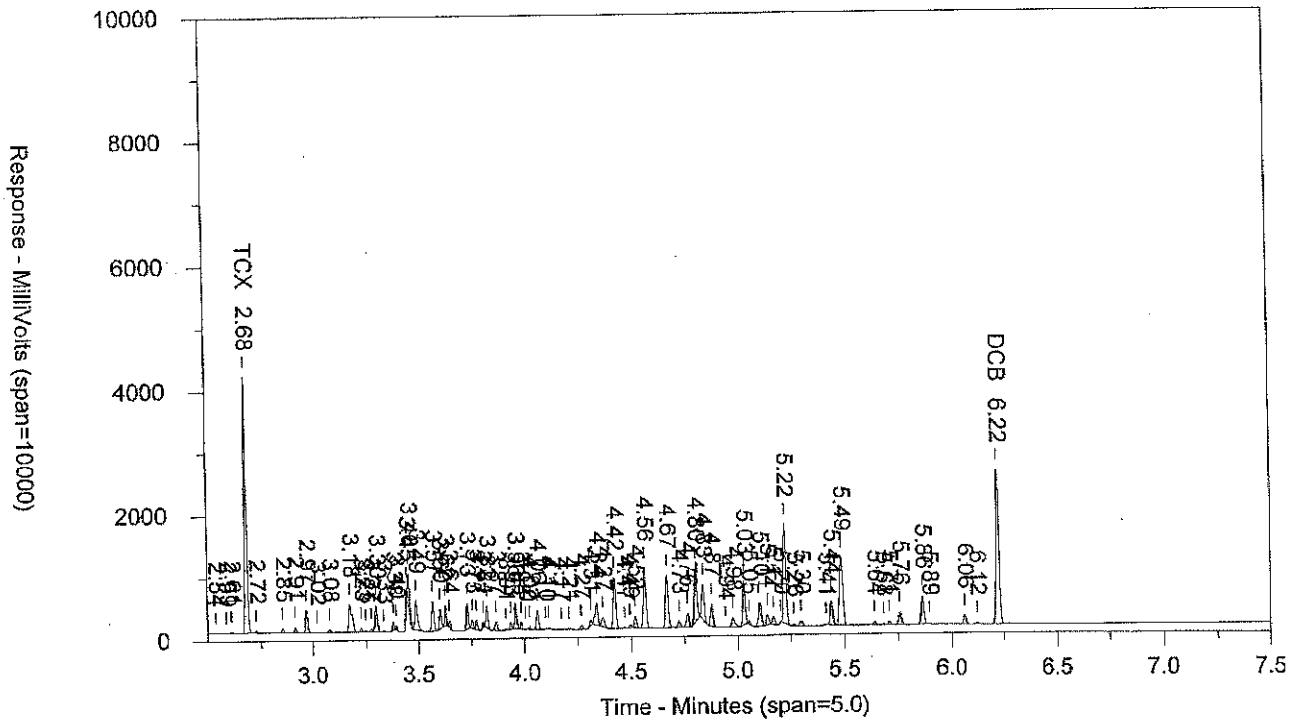

Chrom Perfect Chromatogram Report

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HQPIBLKHQ PIBLK1314099999 Injection Volume:SW846 8082
Injected On: 5/21/2013 2:10:51 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.042.RAW
Method File: PESTD17.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.548		2837	3235
1.612		1184	774
1.888		2663	2240
1.986		4915	7628
2.115		2396	1584
2.213		24641	17933
2.267		1812	2134
2.339		2484	2147
2.37		112389	70938
2.413		17148	10685
2.612		920	570
2.649		40955	24819
2.67		3708	3324
2.751		2377	1414
2.815	TCX	1590690	1020546
2.854		9956	6573
3.012		3120	2102
3.098		1074	869
3.147		1271	882
3.208		20079	11388
3.226		12681	7410
3.27		4138	3815
3.305		3965	2386
3.43		3001	2487
3.461		7300	6081
3.52		72837	49680
3.554		3647	5213
3.607		2324	2179
3.633		3567	2382
3.746		2837	6009
3.784		8704	6453
3.823		3948	3054
3.848		1390	972
3.97		9405	7827
4.06		2050	2380
4.195		2502	7597
4.24		2660	5252
4.392		1915	2519
4.43		1721	2178
4.532		1605	1618
4.607		1589	1307
4.734		8574	13329
4.805		6856	22615
4.861		1780	2390
4.893		2912	3318
4.965		3059	4412
5.01		2849	2438
5.084		1946	2853
5.121		1221	1252
5.24		3661	6339
5.299		1866	2237
5.361		11345	12267
5.42		3874	4965

RT A	Compound A	Height A	Area A
5.48		2845	2025
5.499		5725	4731
5.648		3511	3474
5.686		3387	3293
5.726		3220	5484
5.766		1235	1171
5.838		3332	2953
5.872		20679	20548
5.935		29535	33255
6.01		17356	23310
6.115		1135	1088
6.309		14785	22210
6.368		430199	500434
6.453	DCB	1438673	1474350
6.54		6258	7839
6.591		107350	158132
6.965		1178	2117
8.373		2280	4682

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HQPIBLKHQ PIBLK1314099999 Injection Volume: 1 uSW-846 8082
Injected On: 5/21/2013 2:10:51 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.042.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.551		2951	2885
1.589		1769	1534
1.614		2113	2016
1.726		997	1284
1.84		2843	2581
1.923		2832	4049
1.97		30706	23952
2.053		5970	11655
2.11		3251	2306
2.204		3279	2849
2.295		2242	3703
2.359		2321	1622
2.427		147338	87819
2.47		1625	917
2.487		21916	12291
2.547		3367	4250
2.57		2543	1789
2.608		8166	5242
2.627		7714	3587
2.68	TCX	2118292	1346240
2.783		5979	4217
2.847		1952	3040
2.9		3522	2174
2.927		1146	1112
2.99		2175	1413
3.022		2680	2029
3.13		2514	3089
3.186		3609	3499
3.241		22890	14754
3.267		23374	12963
3.341		5251	6801
3.401		9638	10797
3.439		93380	60219
3.485		1769	2906
3.558		2171	1543
3.595		2517	1994
3.616		3564	2597
3.645		3132	2562
3.725		6924	9488
3.777		3122	5554
3.843		2920	1745
3.866		8905	5167
3.901		2508	2671
3.978		2392	1715
4.052		9376	6422
4.098		1923	1362
4.163		4419	6428
4.33		6784	36703
4.424		1492	987
4.447		1891	1921
4.563		1869	1685
4.618		1200	1249
4.67		1164	903
4.738		5884	7584

4.775		2297	1557
4.8		3586	3187
4.832		1083	799
4.938		1863	2082
5.031		4432	7155
5.104		1736	1719
5.144		1468	1561
5.181		4581	4252
5.222		4170	3386
5.298		8925	7580
5.333		2330	2591
5.407		3374	3087
5.435		2128	2088
5.483		5135	5486
5.64		21754	24571
5.709		24723	25144
5.767		12991	15015
5.839		1400	888
5.863		1807	1895
5.954		3001	3491
6.034		2497	2166
6.063		14441	12246
6.126		336190	373028
6.223	DCB	1245009	1161393
6.296		6964	6224
8.467		1560	2425

IBLKX1324D HQPIBLKHQ PIBLK1314099999 SW-846 8082

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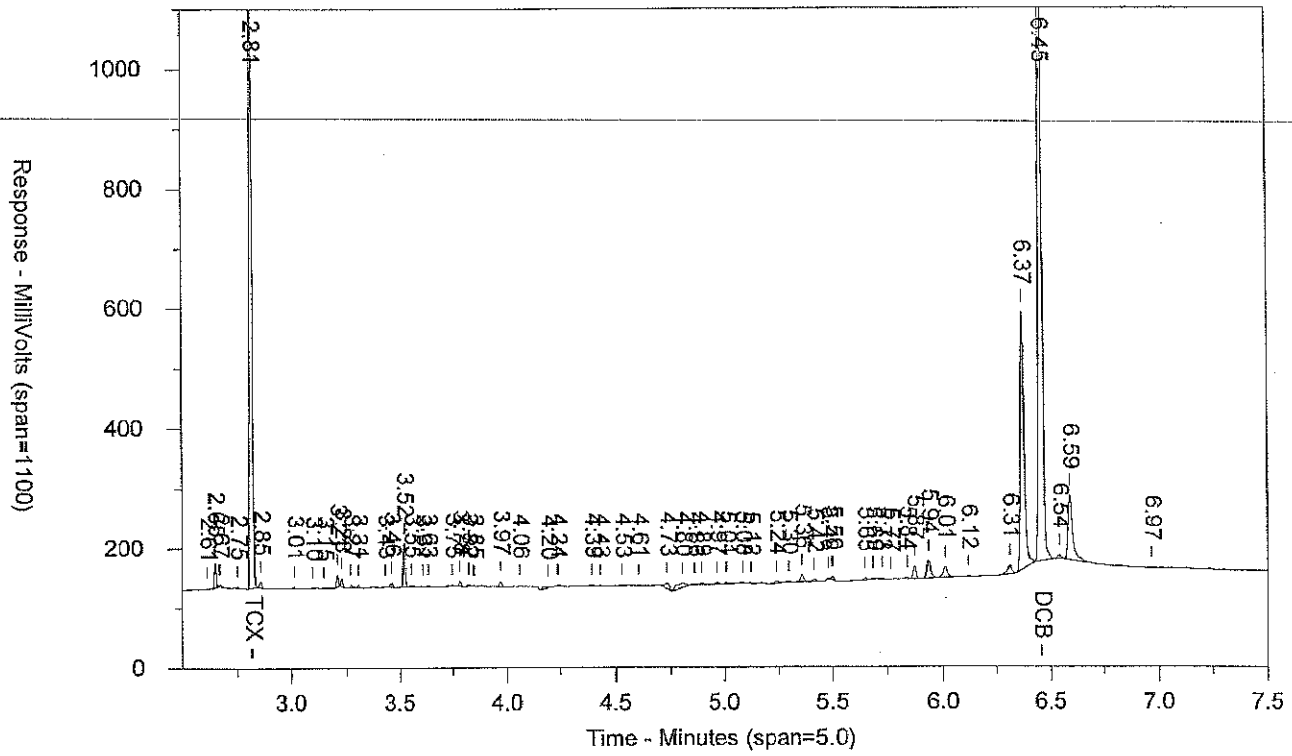

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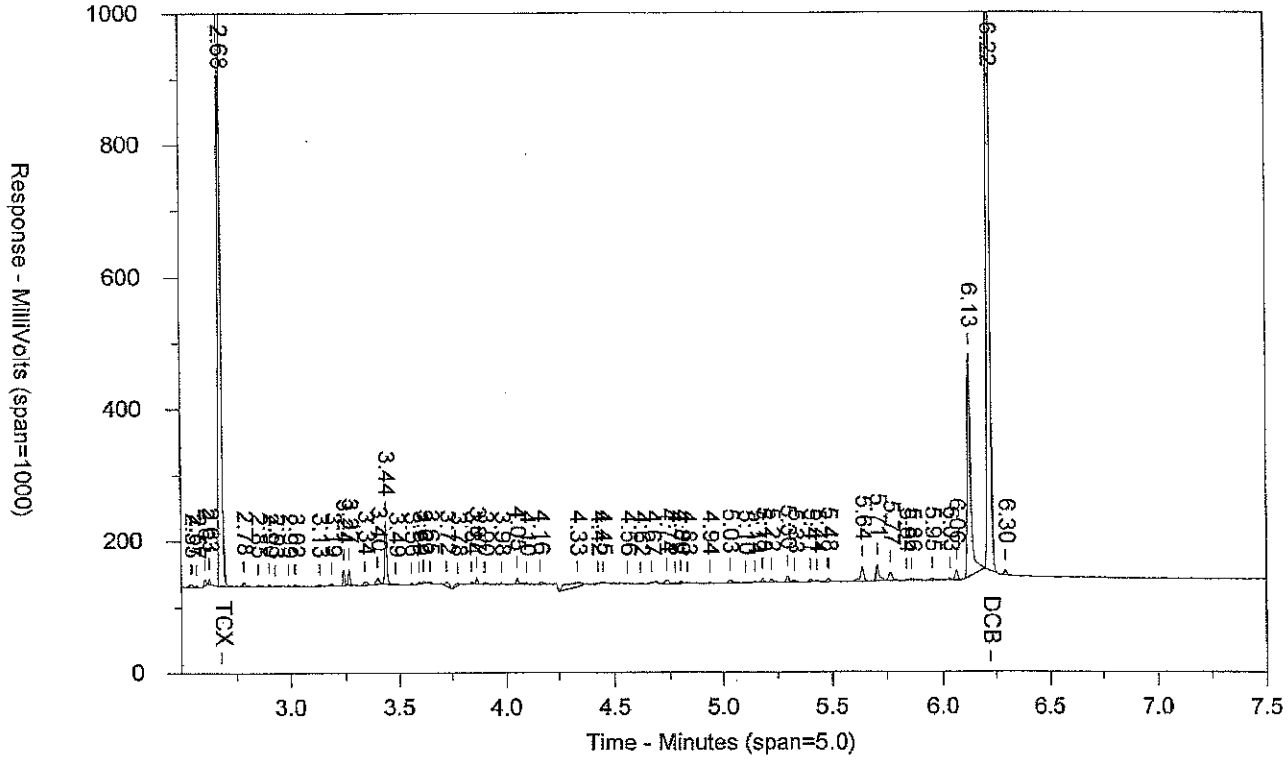

LANCASTER LABORATORIES

Sample Number: IBLKX1324D HQPIBLKHQ PIBLK1314099999
Injected On: 5/21/2013 2:10:51 PM
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Sample Weight: 1000846 8082
Dilution Factor: 10

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	1590690	.198	TCX	2.68	2118292	.21	TCX
6.453	1438673	.215	DCB	6.223	1245009	.226	DCB

Files:
Area File: Hp7127.042.RAW
Area File: Hp7127B.042.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 2:19:34 PM
File Reported On: 5/21/2013 at 2:19:38 PM

IBLKX1324D HQPIBLKHQ PIBLK1314099999 SW-846 8082

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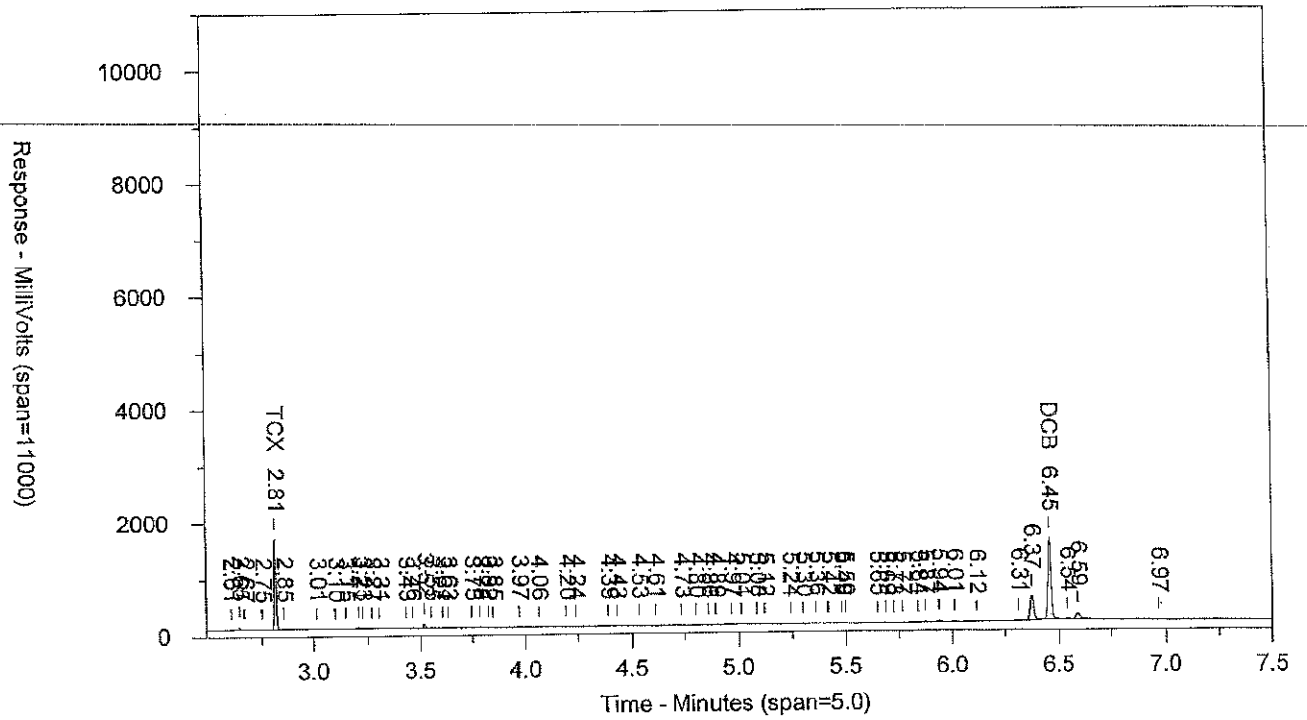

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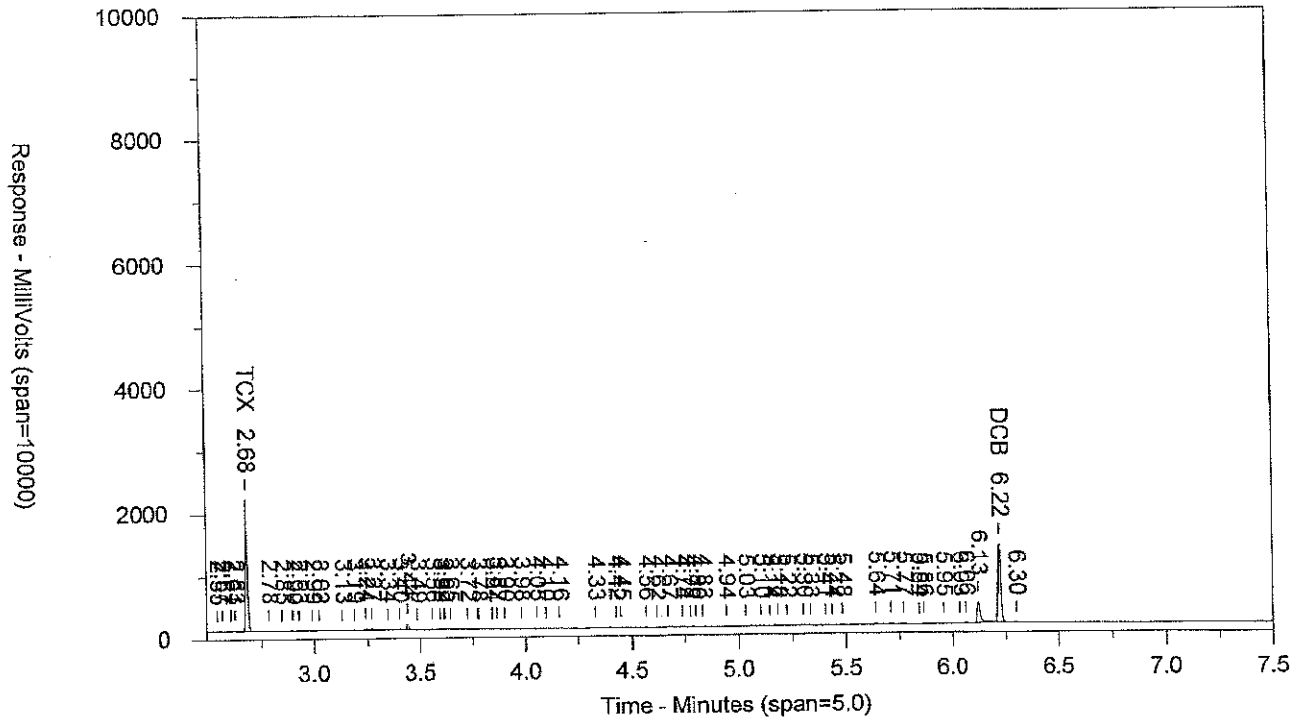

Raw QC Data

Polychlorinated Biphenyls (PCBs)

Data Summary

Sample Name: BLANKA 5/14/13ACF PBLK08134 BLK Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 12:20:54
Instrument 19843A
Result file BP7127.021.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 104% (41 - 146) Conc: 10.47716
%SSR(DCB) 119% (39 - 151) Conc: 12.059111

Analysis Report (B)

Injected on May 15, 2013 12:20:54
Instrument 19843B
Result file BP7127B.021.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 107% (41 - 146) Conc: 10.814158
%SSR(DCB) 125% (39 - 151) Conc: 12.693019

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.81	2.84	2522344	10.47716
Decachlorobiphenyl	6.43	6.45	6.47	2420839	12.059111

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3273801	10.814158
Decachlorobiphenyl	6.21	6.22	6.24	2102074	12.693019

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	10.814158				3.17	
Decachlorobiphenyl	B	12.693019				5.12	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17	<3.6			4	40	
Aroclor-1221			<17	<4.6			3	40	
Aroclor-1232			<17	<8			4	40	
Aroclor-1242			<17	<3.3			4	40	
Aroclor-1248			<17	<3.3			4	40	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260			<17	<4.9			4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Yolanda L. Hamilton
Analytical Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 5/14/13ACF PBLK08134Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:20:54
Instrument : CP 7-19843A
Result file : BP7127.021.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 104% (41-146) Conc.: 10.47716
%SSR(DCB) : 119% (39-151) Conc.: 12.059111

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.59	3.61	3.63	1997.234497	0.306059			4
Height Summation:			**1997.234497**				
Amount Avg CF:			**0.306059**	Linear:			
Aroclor-1221					1		
3.01	3.01	3.05	3309.553223	2.075606			2
Height Summation:			**3309.553223**				
Amount Avg CF:			**2.075606**	Linear:			
Aroclor-1232					1		
3.59	3.61	3.63	1997.234497	0.607337			4
Height Summation:			**1997.234497**				
Amount Avg CF:			**0.607337**	Linear:			
Aroclor-1242					1		
3.59	3.61	3.63	1997.234497	0.370831			4
Height Summation:			**1997.234497**				
Amount Avg CF:			**0.370831**	Linear:			
Aroclor-1248					3	**44.82**	
3.71	3.72	3.75	1680.466431	0.286206			1
4.22	4.24	4.26	3131.289063	0.549549			5
4.47	4.47	4.51	1276.06604	0.252636			6
Height Summation:			**6087.821534**				
Amount Avg CF:			**0.362797**	Linear:			
Aroclor-1254					3	**58.29**	
4.22	4.24	4.26	3131.289063	0.290483			1
4.47	4.47	4.51	1276.06604	0.081358			3
4.99	5.01	5.03	1880.932861	0.168752			6
Height Summation:			**6288.287964**				
Amount Avg CF:			**0.180198**	Linear:			
Aroclor-1260					4	**68.12**	
4.79	4.80	4.82	5387.100586	0.411118			2
4.99	5.01	5.03	1880.932861	0.131576			3
5.46	5.50	5.50	13656.644531	0.562192			5
5.67	5.68	5.71	2020.841919	0.139469			6
Height Summation:			**22945.519897**				
Amount Avg CF:			**0.311089**	Linear:			
Aroclor-1262					2	**88.62**	
5.46	5.50	5.50	13656.644531	0.477822			3
5.66	5.68	5.70	2020.841919	0.109679			4
Height Summation:			**15677.486450**				
Amount Avg CF:			**0.293751**	Linear:			
Aroclor-1268					4	**142.01**	
5.66	5.68	5.70	2020.841919	0.059177			1
5.85	5.87	5.89	30461.410156	1.187802			3
5.92	5.93	5.95	36029.808594	5.159672			4
6.29	6.31	6.33	22856.089844	0.283847			6
Height Summation:			**91368.150513**				
Amount Avg CF:			**1.672625**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:20:54
Instrument : CP 7-19843B
Result file : BP7127B.021.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 107% (41-146) Conc.: 10.814158
%SSR(DCB) : 125% (39-151) Conc.: 12.693019

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	**25.89**	
3.28	3.31	3.32	2212.252441	0.350433			2
3.47	3.49	3.51	1367.442505	0.205158			4
3.60	3.62	3.64	1522.521729	0.303998			6
Height Summation:			**5102.216675**				
Amount Avg CF:			**0.28653**	Linear:			
Aroclor-1221					1		
2.90	2.90	2.94	5015.803711	2.310451			2
Height Summation:			**5015.803711**				
Amount Avg CF:			**2.310451**	Linear:			
Aroclor-1232					3	**30.91**	
3.28	3.31	3.32	2212.252441	0.710709			2
3.47	3.49	3.51	1367.442505	0.398444			4
3.60	3.62	3.64	1522.521729	0.745457			6
Height Summation:			**5102.216675**				
Amount Avg CF:			**0.618203**	Linear:			
Aroclor-1242					3	**28.26**	
3.28	3.31	3.32	2212.252441	0.435866			2
3.47	3.49	3.51	1367.442505	0.2451			4
3.60	3.62	3.64	1522.521729	0.403978			6
Height Summation:			**5102.216675**				
Amount Avg CF:			**0.361648**	Linear:			
Aroclor-1248					3	**91.82**	
3.58	3.59	3.62	1959.940918	0.287325			1
+ 3.58	3.62	3.62	1522.521729	0.2232			1
3.71	3.72	3.75	2813.279053	0.330028			2
4.31	4.33	4.35	7209.64502	1.352059			6
Height Summation:			**11982.864991**				
Amount Avg CF:			**0.656471**	Linear:			
Aroclor-1254					1		
4.31	4.33	4.35	7209.64502	0.470629			3
Height Summation:			**7209.645020**				
Amount Avg CF:			**0.470629**	Linear:			
Aroclor-1260					4	**52.91**	
4.65	4.69	4.69	4694.515625	0.399589			2
5.01	5.03	5.05	1536.309937	0.153152			4
5.20	5.22	5.24	2870.01709	0.133725			5
5.47	5.48	5.51	3316.627441	0.228351			6
Height Summation:			**12417.470093**				
Amount Avg CF:			**0.228704**	Linear:			
Aroclor-1262					4	**24.84**	
5.01	5.03	5.05	1536.309937	0.113939			2
5.21	5.22	5.24	2870.01709	0.109242			3
5.47	5.48	5.51	3316.627441	0.182007			5
5.85	5.86	5.89	1201.262939	0.131146			6
Height Summation:			**8924.217407**				
Amount Avg CF:			**0.134084**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 5/14/13ACF PBLK08134 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:20:54
Instrument : CP 7--19843A
Result file : BP7127.021.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Analysis Report (B)

Injected on : MAY 15, 2013 12:20:54
Instrument : CP 7--19843B
Result file : BP7127B.021.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**157.12**	
5.47	5.48	5.51	3316.627441	0.113051			2
5.62	5.64	5.66	31734.308594	1.327048			3
5.69	5.71	5.73	34226.425781	5.623191			4
5.85	5.86	5.89	1201.262939	0.121962			5
6.05	6.06	6.09	21611.121094	0.319718			6

Height Summation: **92089.745849**
Amount Avg CF: **1.500994** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		6.59	4	40	
Aroclor-1221			17	4.6		10.71	3	40	
Aroclor-1232			17	8		1.77	4	40	
Aroclor-1242			17	3.3		2.51	4	40	
Aroclor-1248			17	3.3		** 57.62	4	40	
Aroclor-1254			17	3.3		** 89.25	4	40	
Aroclor-1260			17	4.9		30.52	4	40	
Aroclor-1262			17	3.3		** 74.64	4	40	
Aroclor-1268			17	3.3		10.82	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 5/14/13ACF ABPBLK08134 BLK 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 12:20:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.021.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.572		2703	2667
2.027		37877	35577
2.099		4368	3044
2.115		3829	2938
2.213		9061	8828
2.285		8663	8573
2.471		1760	2789
2.626		1723	1047
2.815	TCX	2522344	1610555
3.012		3310	2457
3.471		2226	1664
3.606		1997	2015
3.724		1680	2057
3.75		1530	2290
4.195		1422	4194
4.24		3131	5170
4.469		1276	1202
4.802		5387	21056
4.963		4047	4073
5.009		1881	2170
5.376		2294	2405
5.498		13657	16401
5.644		6229	5822
5.682		2021	1854
5.833		1848	1843
5.87		30461	30422
5.934		36030	39429
6.006		15693	16736
6.307		22856	22450
6.363		158764	184481
6.449	DCB	2420839	2376359
6.536		4933	5611
6.593		3809	7182
8.362		2426	4798

LANCASTER LABORATORIES

Sample Number: BLANKA 5/14/13ACF ABPBLK08134 BLK 131340008A 10736Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 12:20:54 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.021.RAW
Method File: PESTDI7B.MET
Calibration File:_1p7127b.CAL

RT B	Compound B	Height B	Area A
1.924		48902	36462
1.97		12255	11921
2.044		6537	8807
2.11		5145	3669
2.171		12423	7492
2.209		1835	1112
2.269		1351	1319
2.301		810	802
2.495		3364	2303
2.68	TCX	3273801	2030021
2.802		3708	3455
2.9		5016	2887
2.99		1391	1042
3.017		3415	2377
3.248		1485	1285
3.314		2212	1916
3.389		2324	5320
3.488		1367	1616
3.593		1960	1658
3.618		1523	1080
3.723		2813	3756
3.804		496	3182
4.163		2072	1983
4.329		7210	39336
4.423		1769	1900
4.542		1736	1256
4.686		4695	5175
4.775		4393	3445
5.027		1536	1318
5.098		1343	1736
5.174		1878	1479
5.22		2870	2716
5.298		13418	11991
5.402		6194	5860
5.484		3317	3505
5.639		31734	30700
5.708		34226	31638
5.764		13931	16371
5.864		1201	1397
6.063		21611	18786
6.124		119960	129868
6.222	DCB	2102074	1881141
6.294		3442	2863
8.469		1408	2526

BLANKA 5/14/13ACF ABPBLK08134 BLK 131340008A 10736 SW-846 8082

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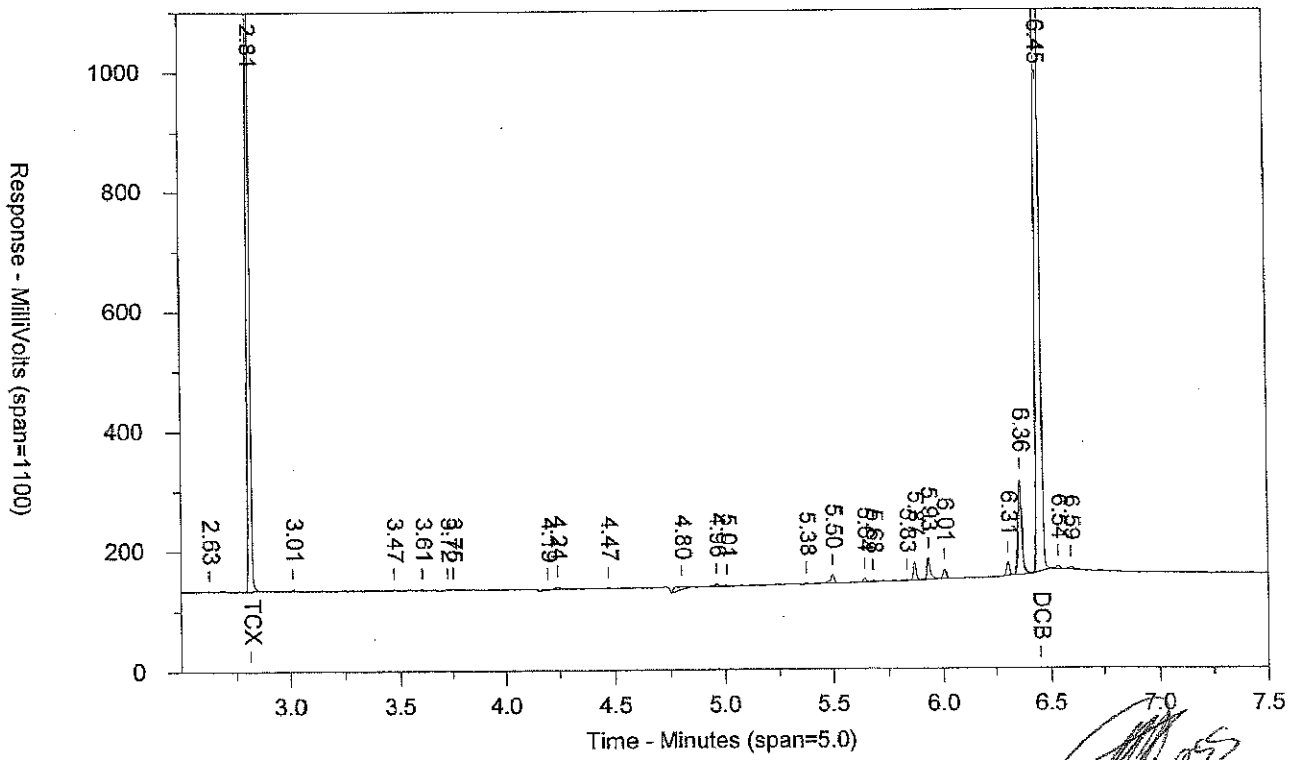

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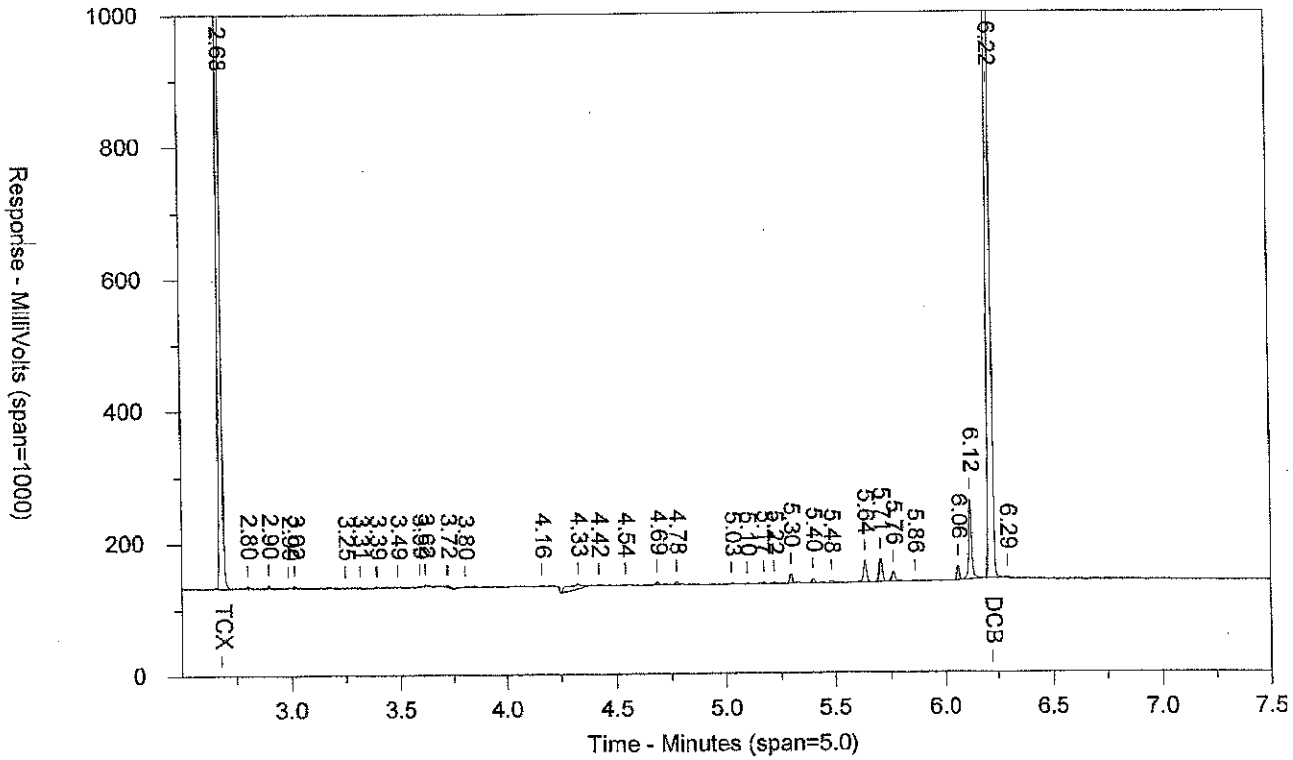

LANCASTER LABORATORIES

Sample Number: BLANKA 5/14/13ACF ABPBLK08134 BLK 131340008A 10736 Sample Weight: 30 SW-846 8082
Injected On: 5/15/2013 12:20:54 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2522344	10.477	TCX	2.68	3273801	10.814	TCX
6.449	2420839	12.059	DCB	6.222	2102074	12.693	DCB

Files:
Area File: BP7127.021.RAW
Area File: BP7127B.021.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 12:29:37 PM
File Reported On: 5/15/2013 at 12:29:45 PM

BLANKA 5/14/13ACF ABPBLK08134 BLK 131340008A 10736 SW-846 8082

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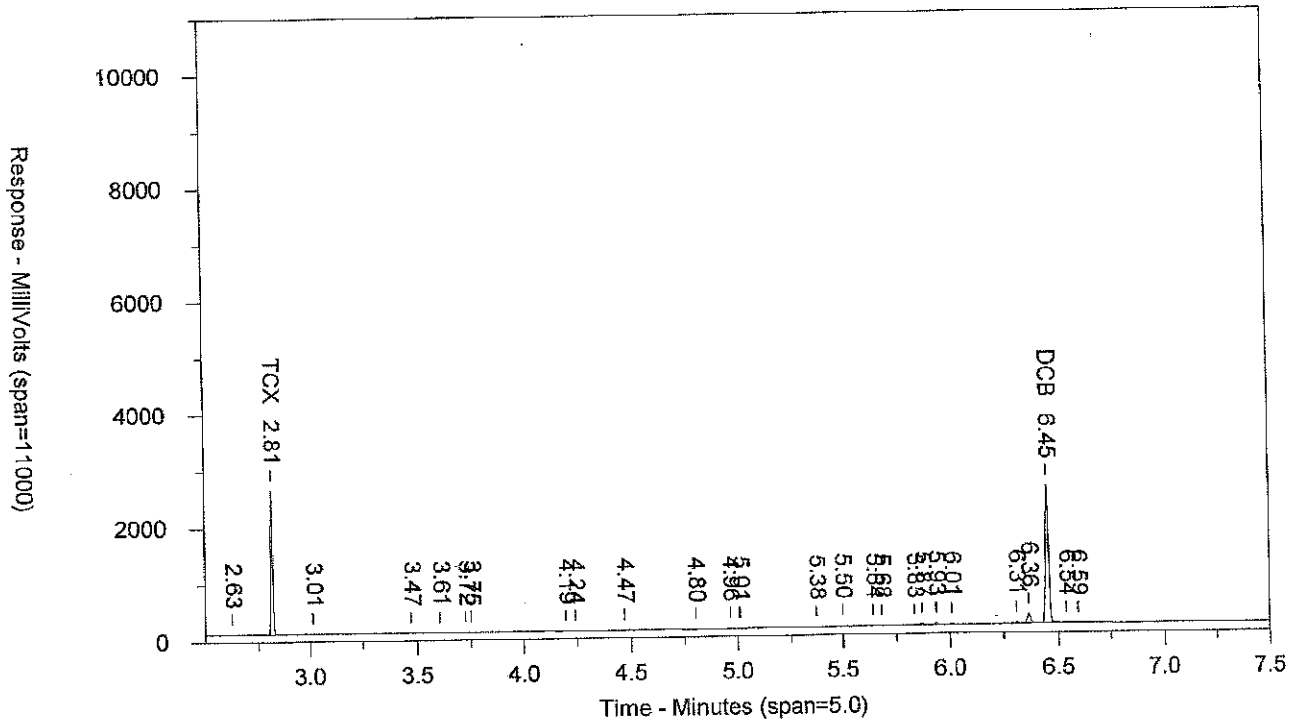

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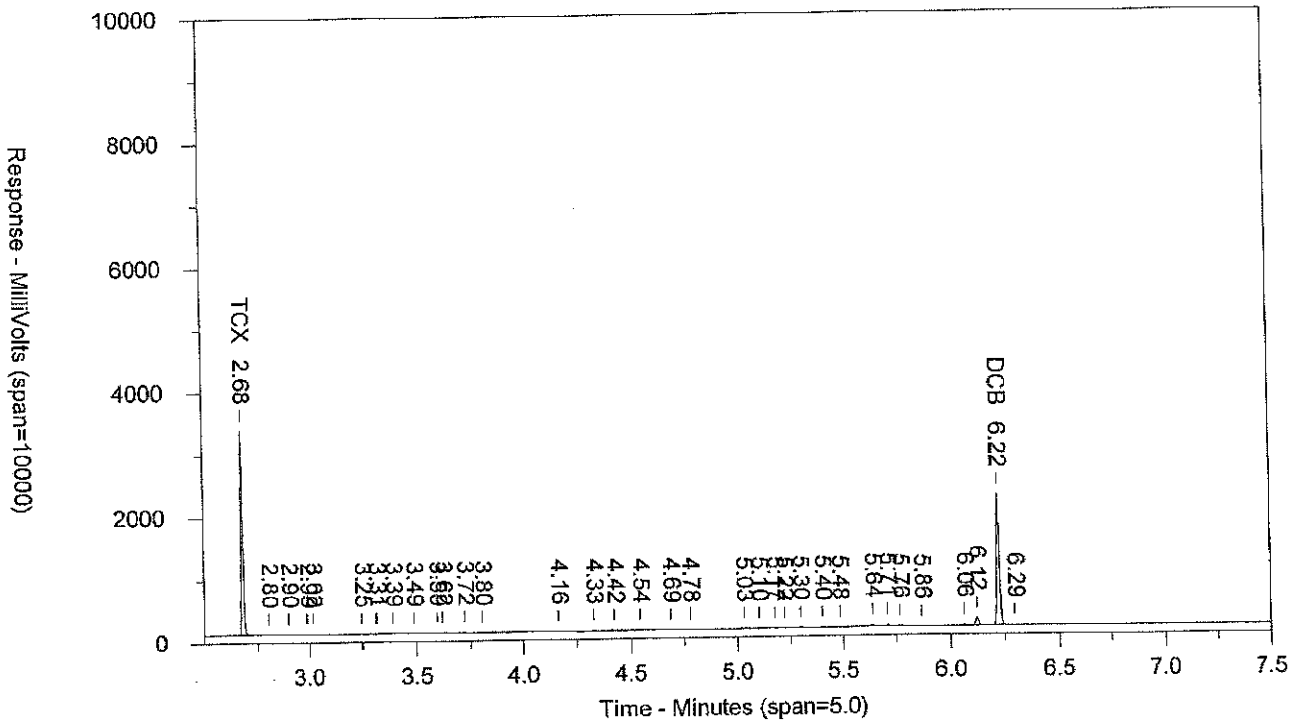

Data Summary

Sample Name: LCSA 5/14/13ACF LCS08134 LCS Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 12:32:20
Instrument 19843A
Result file BP7127.022.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 105% (41 - 146) Conc: 10.60697
%SSR(DCB) 121% (39 - 151) Conc: 12.289998

Analysis Report (B)

Injected on May 15, 2013 12:32:20
Instrument 19843B
Result file BP7127B.022.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 107% (41 - 146) Conc: 10.80219
%SSR(DCB) 128% (39 - 151) Conc: 12.952005

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2553596	10.60697
Decachlorobiphenyl	6.43	6.45	6.47	2467190	12.289998

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3270177	10.80219
Decachlorobiphenyl	6.21	6.22	6.24	2144964	12.952005

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	10.80219				1.82	
Decachlorobiphenyl	B	12.952005				5.25	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**7.19**	
3.05	3.07	3.09	593202.875	146.440037			1
3.38	3.40	3.42	765843.75	146.750724			2
3.55	3.57	3.59	908073.25	176.825721			3
3.59	3.61	3.63	1004742.9375	153.968046			4
3.64	3.66	3.68	863838.5625	152.719573			5
3.83	3.85	3.87	691964	157.053344			6
Height summation:			**4827665.375**				
Concentration		CF:	**155.626241**	L:			
Aroclor-1260						**6.64**	
4.59	4.61	4.63	1862623.875	168.122003			1
4.79	4.81	4.82	2380634	181.678719			2
4.99	5.01	5.03	2724845.25	190.609667			3
5.22	5.24	5.26	1501241.75	160.170125			4
5.46	5.48	5.50	3999030.25	164.624871			5
5.67	5.68	5.71	2455513.5	169.46832			6
Height summation:			**14923888.625**				
Concentration		CF:	**172.445618**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**7.91**	
2.95	2.97	2.99	797529	147.313776			1
3.28	3.30	3.32	963151.5625	152.568725			2
3.44	3.46	3.48	1156968.375	179.40156			3
3.47	3.49	3.51	1109646.75	166.480712			4
3.55	3.57	3.59	1109844.375	165.625004			5
3.60	3.62	3.64	743275.9375	148.407756			6
Height summation:			**5880416**				
Concentration		CF:	**159.966256**	L:			
Aroclor-1260						**10.04**	
4.55	4.56	4.59	2433215.25	191.153472			1
4.65	4.67	4.69	2176081.25	185.224181			2
4.78	4.80	4.82	2372771.25	210.796708			3
5.01	5.03	5.05	1555943.875	155.109466			4
5.20	5.22	5.24	3773838.5	175.837418			5
5.47	5.49	5.51	2603727.25	179.267752			6
Height summation:			**14915577.375**				
Concentration		CF:	**182.898166**	L:			

Data Summary

Sample Name: LCSA 5/14/13ACF LCS08134 LCS Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 12:32:20
Instrument 19843A
Result file BP7127.022.RAW
Calibration file 1P7127
Method file PESTDI7

Analysis Report (B)

Injected on May 15, 2013 12:32:20
Instrument 19843B
Result file BP7127B.022.RAW
Calibration file 1P7127B
Method file PESTDI7B

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
Aroclor-1016	B	159.966256	17	3.6		2.75	4	40	
Aroclor-1221			<17	<4.6			3	40	
Aroclor-1232			<17	<8			4	40	
Aroclor-1242			<17	<3.3			4	40	
Aroclor-1248			<17	<3.3			4	40	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260	B	182.898166	17	4.9		5.88	4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs	A	342.864422	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Monica M. Souders
Chemist
Date: MAY 16 2013

Verified by: Valerie L. Terrazas
Valerie L. Terrazas
Principal Specialist
Date: MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **LCSA** 5/14/13ACF LCS08134 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:32:20
Instrument : CP 7--19843A
Result file : BP7127.022.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.60697
%SSR(DCB) : 121% (39-151) Conc.: 12.289998

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	7.19	
3.05	3.07	3.09	593202.875	146.440037			1
3.38	3.40	3.42	765843.75	146.750724			2
+ 3.55	3.56	3.59	292014.8125	56.862957			3
3.55	3.57	3.59	908073.25	176.825721			3
3.59	3.61	3.63	1004742.9375	153.968046			4
3.64	3.66	3.68	863838.5625	152.719573			5
3.83	3.85	3.87	691964	157.053344			6
Height Summation:			**4827665.375000**				
Amount Avg CF:			**155.626241**	Linear:			
Aroclor-1221					3	38.40	
2.95	2.97	2.99	96407.210938	49.009817			1
E 3.01	3.02	3.05	130211.46093	81.662879			2
E 3.05	3.07	3.09	593202.875	110.791651			3
Height Summation:			**819821.546876**				
Amount Avg CF:			**80.488116**	Linear:			
Aroclor-1232					6	30.01	
E 3.05	3.07	3.09	593202.875	123.957354			1
E 3.38	3.40	3.42	765843.75	295.36698			2
E+ 3.55	3.56	3.59	292014.8125	117.527071			3
E 3.55	3.57	3.59	908073.25	365.471835			3
E 3.59	3.61	3.63	1004742.9375	305.531361			4
E 3.64	3.66	3.68	863838.5625	331.252481			5
E 3.83	3.85	3.87	691964	358.290163			6
Height Summation:			**4827665.375000**				
Amount Avg CF:			**296.645029**	Linear:			
Aroclor-1242					6	6.55	
E 3.05	3.07	3.09	593202.875	174.809742			1
E 3.38	3.40	3.42	765843.75	186.439425			2
E+ 3.55	3.56	3.59	292014.8125	67.771569			3
E 3.55	3.57	3.59	908073.25	210.748037			3
E 3.59	3.61	3.63	1004742.9375	186.55269			4
E 3.64	3.66	3.68	863838.5625	200.399613			5
E 3.83	3.85	3.87	691964	196.210001			6
Height Summation:			**4827665.375000**				
Amount Avg CF:			**192.526585**	Linear:			
Aroclor-1248					6	38.98	
3.71	3.73	3.75	610541.125	103.983431			1
3.83	3.85	3.87	691964	100.326723			2
3.92	3.94	3.96	714609.4375	121.830727			3
4.09	4.11	4.13	174387.625	25.771894			4
4.22	4.24	4.26	735894.25	129.15117			5
4.47	4.49	4.51	444873.09375	88.076109			6
Height Summation:			**3372269.531250**				
Amount Avg CF:			**94.856676**	Linear:			
Aroclor-1254					6	97.27	
4.22	4.24	4.26	735894.25	68.267386			1
4.41	4.44	4.45	310821.21875	39.716642			2
4.47	4.49	4.51	444873.09375	28.363862			3
4.68	4.70	4.72	222798.21875	20.887451			4
4.87	4.90	4.91	1095527.875	127.836519			5
4.99	5.01	5.03	2724845.25	244.465897			6
Height Summation:			**5534759.906250**				
Amount Avg CF:			**88.256293**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:32:20
Instrument : CP 7--19843B
Result file : BP7127B.022.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 107% (41-146) Conc.: 10.80219
%SSR(DCB) : 128% (39-151) Conc.: 12.952005

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	7.91	
2.95	2.97	2.99	797529	147.313776			1
3.28	3.30	3.32	963151.5625	152.568725			2
+ 3.44	3.45	3.48	360885.90625	55.959606			3
3.44	3.46	3.48	1156968.375	179.40156			3
3.47	3.49	3.51	1109646.75	166.480712			4
3.55	3.57	3.59	1109844.375	165.625004			5
3.60	3.62	3.64	743275.9375	148.407756			6
+ 3.60	3.64	3.64	225637.625	45.052412			6
Height Summation:			**5880416.000000**				
Amount Avg CF:			**159.966256**	Linear:			
Aroclor-1221					3	36.15	
2.83	2.85	2.87	155420	50.932662			1
E 2.90	2.91	2.94	178188.6875	82.079804			2
E 2.95	2.97	2.99	797529	109.278317			3
Height Summation:			**1131137.687500**				
Amount Avg CF:			**80.763594**	Linear:			
Aroclor-1232					6	31.73	
E 2.95	2.97	2.99	797529	122.710456			1
E 3.28	3.30	3.32	963151.5625	309.422426			2
E+ 3.44	3.45	3.48	360885.90625	127.358611			3
E 3.44	3.46	3.48	1156968.375	408.300469			3
E 3.47	3.49	3.51	1109646.75	323.327885			4
E 3.55	3.57	3.59	1109844.375	346.859427			5
E 3.60	3.62	3.64	743275.9375	363.922805			6
E+ 3.60	3.64	3.64	225637.625	110.476706			6
Height Summation:			**5880416.000000**				
Amount Avg CF:			**312.423911**	Linear:			
Aroclor-1242					6	8.62	
E 2.95	2.97	2.99	797529	174.836323			1
E 3.28	3.30	3.32	963151.5625	189.763554			2
E+ 3.44	3.45	3.48	360885.90625	70.777555			3
E 3.44	3.46	3.48	1156968.375	226.906597			3
E 3.47	3.49	3.51	1109646.75	198.89297			4
E 3.55	3.57	3.59	1109844.375	202.75463			5
E 3.60	3.62	3.64	743275.9375	197.216888			6
+ 3.60	3.64	3.64	225637.625	59.869489			6
Height Summation:			**5880416.000000**				
Amount Avg CF:			**198.39516**	Linear:			
Aroclor-1248					6	49.00	
3.58	3.60	3.62	704220.4375	103.237817			1
3.71	3.73	3.75	901594.25	105.766802			2
+ 3.81	3.81	3.85	169295.89062	28.993042			3
3.81	3.82	3.85	775434.125	132.798226			3
3.94	3.96	3.98	1025210	89.347544			4
+ 4.08	4.10	4.12	36395.902344	6.972358			5
4.08	4.11	4.12	56086.964844	10.744572			5
+ 4.31	4.31	4.35	185109.09375	34.714387			6
4.31	4.34	4.35	799428.6875	149.920655			6
Height Summation:			**4261974.464844**				
Amount Avg CF:			**98.635936**	Linear:			

Jessica L. Miller
Chemist

 MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **LCSA** 5/14/13ACF LCS08134 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 12:32:20
Instrument : CP 7--19843A
Result file : BP7127.022.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	6.64	
4.59	4.61	4.63	1862623.875	168.122003			1
4.79	4.81	4.82	2380634	181.678719			2
4.99	5.01	5.03	2724845.25	190.609667			3
5.22	5.24	5.26	1501241.75	160.170125			4
5.46	5.48	5.50	3999030.25	164.624871			5
5.67	5.68	5.71	2455513.5	169.46832			6
Height Summation:			**14923888.625000**				
Amount Avg CF:			**172.445618**	Linear:			
Aroclor-1262					6	40.03	
E 5.06	5.08	5.10	1368284.75	99.385814			1
E 5.22	5.24	5.26	1501241.75	123.738489			2
E 5.46	5.48	5.50	3999030.25	139.919112			3
E 5.66	5.68	5.70	2455513.5	133.270023			4
+ 5.72	5.73	5.76	48398.273438	5.734257			5
5.72	5.74	5.76	218606.8125	25.900667			5
E 6.09	6.11	6.13	1006498.5	101.738657			6
Height Summation:			**10549175.562500**				
Amount Avg CF:			**103.992127**	Linear:			
Aroclor-1268					6	128.17	
E 5.66	5.68	5.70	2455513.5	71.906026			1
+ 5.72	5.73	5.76	48398.273438	1.731371			2
5.72	5.74	5.76	218606.8125	7.820309			2
5.85	5.87	5.89	100697.15625	3.934351			3
5.92	5.93	5.95	61116.835938	8.752276			4
E 6.09	6.11	6.13	1006498.5	98.710146			5
6.29	6.31	6.33	350216.625	4.349305			6
Height Summation:			**4192849.429688**				
Amount Avg CF:			**32.578736**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 12:32:20
Instrument : CP 7--19843B
Result file : BP7127B.022.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	108.87	
4.04	4.06	4.08	817049.8125	74.828964			1
4.25	4.27	4.29	193769.0625	21.741001			2
+ 4.31	4.31	4.35	185109.09375	12.083485			3
4.31	4.34	4.35	799428.6875	52.18482			3
4.48	4.49	4.52	156282.10937	15.712244			4
4.70	4.73	4.74	231294.65625	31.209934			5
4.78	4.80	4.82	2372771.25	212.650999			6
Height Summation:			**4570595.578125**				
Amount Avg CF:			**68.05466**	Linear:			
Aroclor-1260					6	10.04	
4.55	4.56	4.59	2433215.25	191.153472			1
4.65	4.67	4.69	2176081.25	185.224181			2
4.78	4.80	4.82	2372771.25	210.796708			3
5.01	5.03	5.05	1555943.875	155.109466			4
5.20	5.22	5.24	3773838.5	175.837418			5
5.47	5.49	5.51	2603727.25	179.267752			6
Height Summation:			**14915577.375000**				
Amount Avg CF:			**182.898166**	Linear:			
Aroclor-1262					6	26.08	
E 4.82	4.83	4.86	1162266.25	89.382372			1
E 5.01	5.03	5.05	1555943.875	115.395115			2
E 5.21	5.22	5.24	3773838.5	143.644533			3
E 5.42	5.44	5.46	742674	72.43918			4
E 5.47	5.49	5.51	2603727.25	142.884979			5
E 5.85	5.86	5.89	920213.1875	100.463026			6
Height Summation:			**10758663.062500**				
Amount Avg CF:			**110.701534**	Linear:			
Aroclor-1268					6	112.49	
5.42	5.44	5.46	742674	24.980752			1
E 5.47	5.49	5.51	2603727.25	88.750883			2
5.62	5.64	5.66	98720.679688	4.128247			3
5.69	5.71	5.73	55649.519531	9.142874			4
E 5.85	5.86	5.89	920213.1875	93.427449			5
6.05	6.06	6.09	316561.28125	4.683255			6
Height Summation:			**4737545.917969**				
Amount Avg CF:			**37.51891**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		2.75	4	40	
Aroclor-1221			17	4.6	E	0.34	3	40	
Aroclor-1232			17	8	E	5.18	4	40	
Aroclor-1242			17	3.3	E	3.00	4	40	
Aroclor-1248			17	3.3		3.91	4	40	
Aroclor-1254			17	3.3		25.85	4	40	
Aroclor-1260			17	4.9		5.88	4	40	
Aroclor-1262			17	3.3	E	6.25	4	40	
Aroclor-1268			17	3.3	E	14.10	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 5/14/13ACF ABLCS08134 LCS 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 12:32:19 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.022.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.57		2243	1970
1.852		1193	1710
1.991		4813	7486
2.027		24307	28130
2.097		3483	3027
2.115		3840	2634
2.214		18426	15291
2.285		4709	4503
2.459		10592	9489
2.541		1415	1170
2.69		1633	1426
2.815	TCX	2553596	1615284
2.967		96407	78384
3.024		130212	89313
3.071		593203	412959
3.124		1785	1144
3.163		77725	52640
3.202		2022	1342
3.283		629364	379218
3.3		286646	151017
3.336		74599	42709
3.351		15116	5463
3.366		55630	30725
3.396		765844	572604
3.432		4092	2226
3.469		27810	19003
3.504		176843	98171
3.518		85173	39866
3.562		292015	183336
3.572		908073	449048
3.608		1004743	740726
3.663		863839	647722
3.7		69924	47923
3.728		610541	425876
3.755		449789	362699
3.776		139289	75049
3.849		691964	479882
3.872		224777	142829
3.902		267156	180615
3.936		714609	684998
3.974		210621	172350
4.02		33316	26386
4.058		39912	33261
4.09		732677	524659
4.11		174388	97978
4.133		204878	147169
4.2		104999	92039
4.242		735894	684993
4.275		16460	10413
4.334		8645	7061
4.376		45441	43469
4.442		310821	420792
4.488		444873	387670

RT A	Compound A	Height A	Area A
4.533		822036	875488
4.57		170742	120002
4.609		1862624	1690705
4.654		5988	5659
4.696		222798	256900
4.725		14329	8349
4.754		305477	289263
4.805		2380634	2757698
4.852		414535	384950
4.896		1095528	1201795
4.937		9275	4946
4.974		205182	242731
5.01		2724845	2497525
5.034		77552	38216
5.076		1368285	1240550
5.119		803845	799270
5.215		193213	165248
5.239		1501242	1282553
5.297		760833	696445
5.337		404798	383907
5.378		76657	79802
5.422		528842	523584
5.479		3999030	4177248
5.566		2420	2531
5.685		2455514	2356544
5.73		48398	177435
5.739		218607	164768
5.834		2375	1882
5.872		100897	102318
5.933		61117	43287
5.955		358610	315775
6.007		9634	9401
6.112		1006499	951948
6.157		66579	61449
6.309		350217	341102
6.366		96101	108091
6.452	DCB	2467190	2437795
6.532		3723	6372
6.592		1868	4131
8.365		2064	3717

LANCASTER LABORATORIES

Sample Number: LCSA 5/14/13ACF ABLCS08134 LCS 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 12:32:19 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.022.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.723		1345	1262
1.924		28523	21615
1.97		23157	19677
2.009		3460	2777
2.047		4369	5214
2.109		4844	3800
2.17		6378	4026
2.21		3237	2231
2.267		4433	3701
2.361		9757	6191
2.426		2843	2005
2.495		1898	1383
2.635		1798	1184
2.68	TCX	3270177	2022798
2.726		76684	59965
2.802		5630	4984
2.852		155420	106480
2.914		178189	118997
2.967		797529	529471
3.017		3167	2047
3.08		108164	73433
3.176		1023234	1068771
3.228		127876	81749
3.249		54405	30997
3.274		93717	54464
3.299		963152	699322
3.334		32014	19872
3.38		252886	137549
3.396		140740	70408
3.424		1822	865
3.447		360886	192541
3.456		1156968	551586
3.491		1109647	861434
3.565		1109844	741329
3.599		704220	446990
3.623		743276	429554
3.64		225638	115591
3.729		901594	656547
3.753		298712	171615
3.774		304522	200258
3.806		169296	90114
3.823		775434	485502
3.867		265745	212665
3.912		40508	33335
3.935		211892	138339
3.958		1025210	695354
3.984		215913	137784
4.005		27201	12972
4.022		108580	69908
4.059		817050	600996
4.096		36396	24663
4.113		56087	44971
4.174		6128	6273
4.21		52201	56550

4.269		193769	150947
4.314		185109	112635
4.343		799429	772862
4.372		342443	355001
4.424		1970736	1609864
4.471		29686	22922
4.495		156282	105979
4.52		438874	349184
4.564		2433215	1980056
4.671		2176081	1953468
4.727		231295	205888
4.764		543325	476122
4.802		2372771	2051531
4.834		1162266	862417
4.874		827215	680362
4.942		4377	4535
4.977		297811	316536
5.03		1555944	1325810
5.055		163873	110265
5.105		831339	780189
5.141		380166	311869
5.169		272590	232563
5.202		78743	47136
5.224		3773839	3253739
5.265		82458	64305
5.299		138856	121229
5.376		1867	1242
5.415		37191	23864
5.44		742674	642857
5.486		2603727	2715080
5.604		2093	1459
5.64		98721	89821
5.683		63698	50972
5.709		55650	43133
5.759		406408	373330
5.864		920213	808749
5.895		51382	35583
6.064		316561	280964
6.126		71613	75652
6.223	DCB	2144964	1932148
6.296		2645	2256
6.4		2560	2642

LCSA 5/14/13ACF ABLCS08134 LCS 131340008A 10736 SW-846 8082

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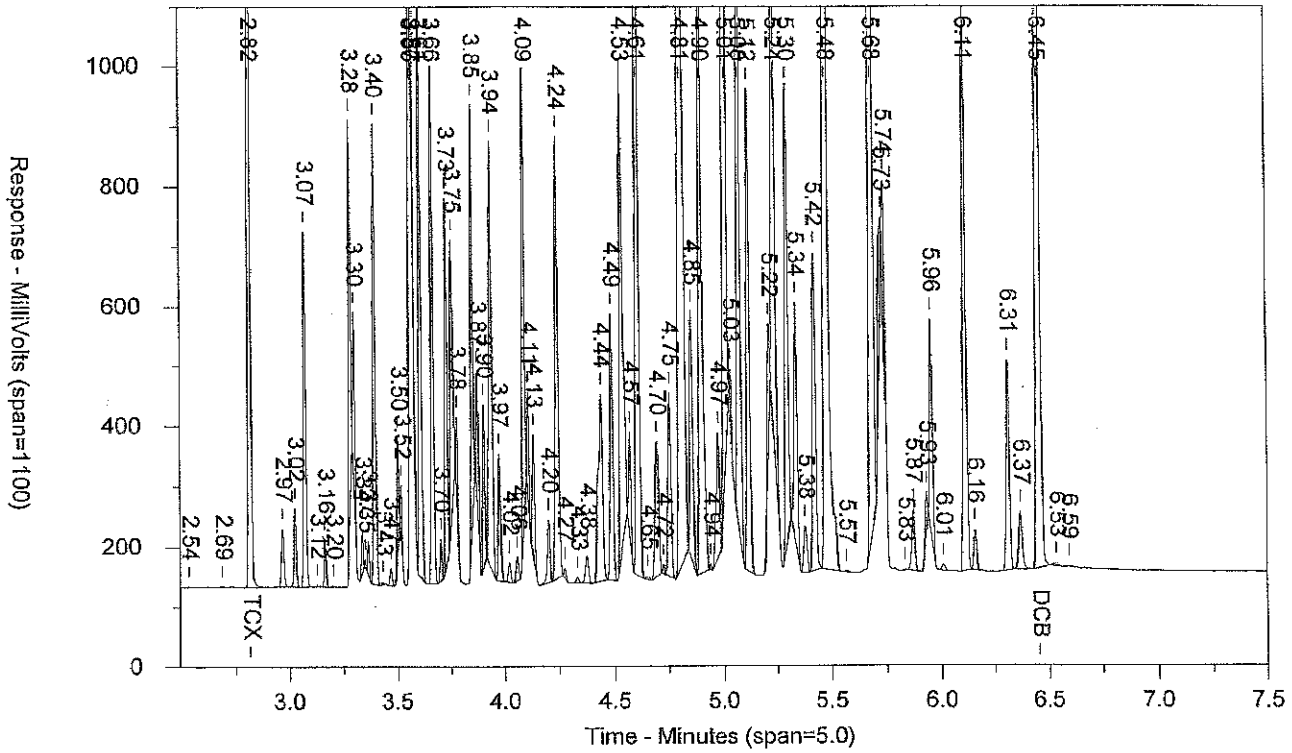

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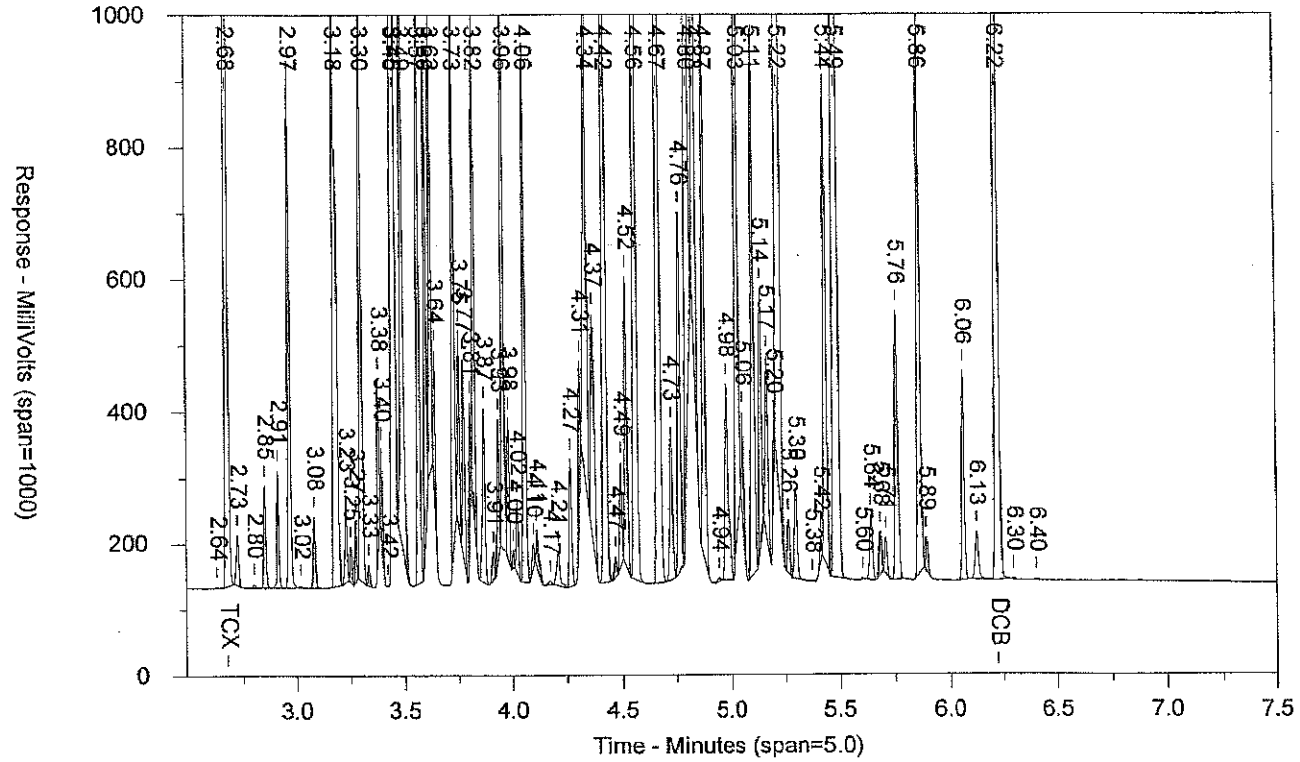

LANCASTER LABORATORIES

Sample Number: LCSA 5/14/13ACF ABLCS08134 LCS 131340008A 10736 Sample Weight: 30 SW-846 8082
Injected On: 5/15/2013 12:32:19 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2553596	10.607	TCX	2.68	3270177	10.802	TCX
6.452	2467190	12.29	DCB	6.223	2144964	12.952	DCB

Files:
Area File: BP7127.022.RAW
Area File: BP7127B.022.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 12:41:03 PM
File Reported On: 5/15/2013 at 12:41:09 PM

LCSA 5/14/13ACF ABLCS08134 LCS 131340008A 10736 SW-846 8082

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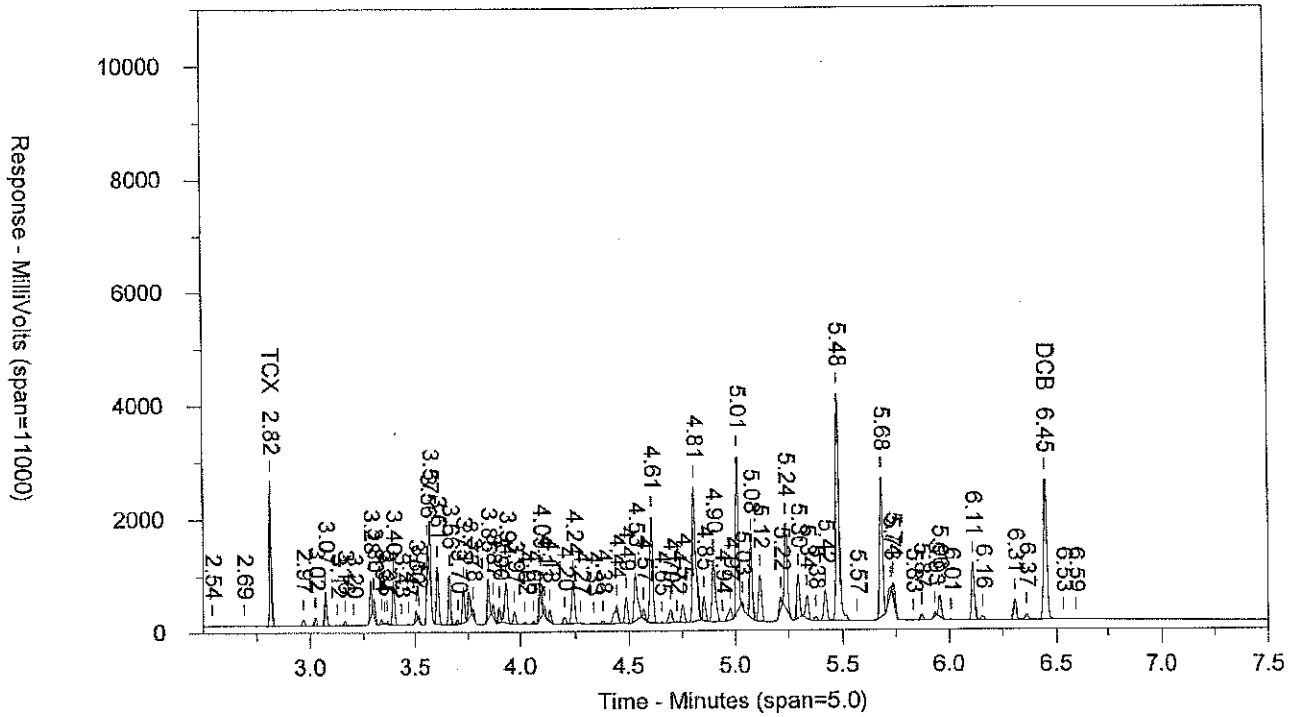

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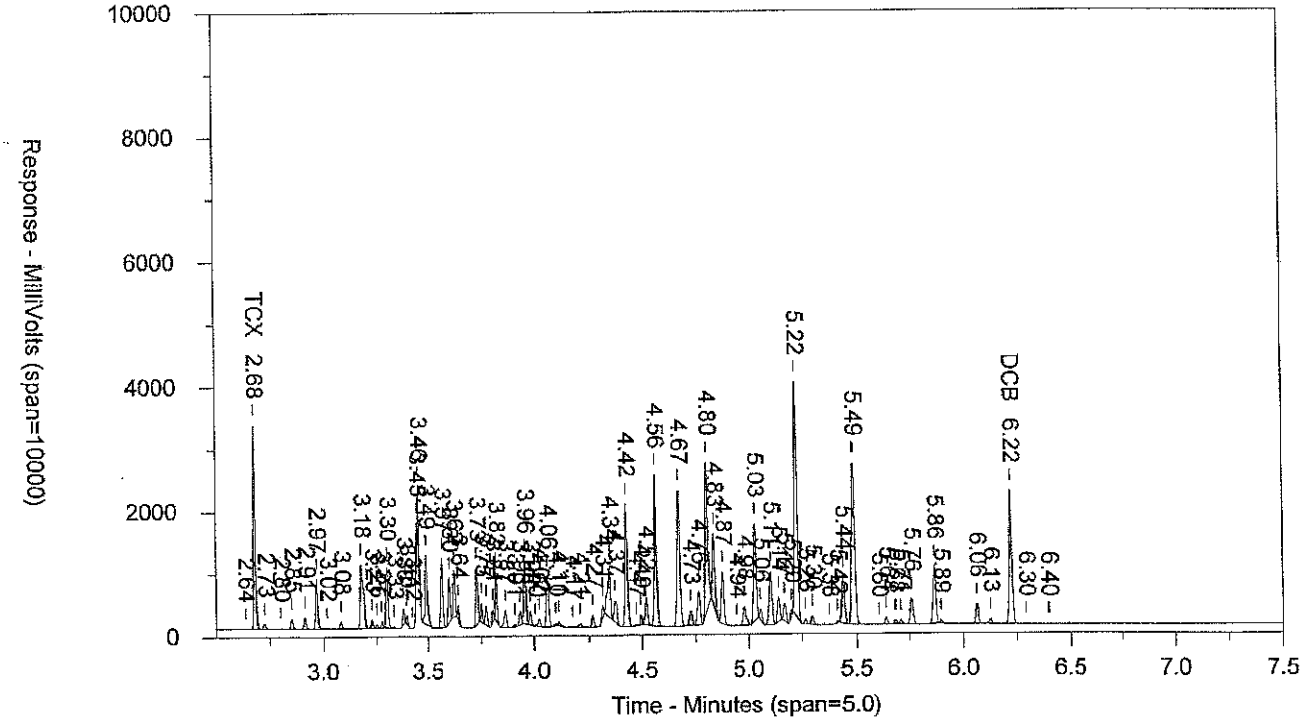


Data Summary

Sample Name: 7051107 MSACF S8408 MS Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 15:11:50
Instrument 19843A
Result file BP7127.036.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 100% (41 - 146) Conc: 10.114132
%SSR(DCB) 116% (39 - 151) Conc: 11.741961

Analysis Report (B)

Injected on May 15, 2013 15:11:50
Instrument 19843B
Result file BP7127B.036.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 104% (41 - 146) Conc: 10.491545
%SSR(DCB) 128% (39 - 151) Conc: 12.999271

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2434946	10.114132
Decachlorobiphenyl	6.43	6.45	6.47	2357172	11.741961

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3176135	10.491545
Decachlorobiphenyl	6.21	6.22	6.24	2152792	12.999271

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
✓	Tetrachloro-m-xylene	B	10.491545				3.66	
✓	Decachlorobiphenyl	B	12.999271				10.16	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**11.31**	
3.05	3.07	3.09	586237.1875	144.720464			1
3.38	3.40	3.42	733067.75	140.470198			2
3.55	3.57	3.59	974300.25	189.721858			3
3.59	3.61	3.63	992475.0625	152.088102			4
3.64	3.66	3.68	856054.625	151.343436			5
3.83	3.85	3.87	679449.75	154.213016			6
Height summation:			**4821584.625**				
Concentration		CF:	**155.426179**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**6.86**	
2.95	2.97	2.99	767962.25	141.85242			1
3.28	3.30	3.32	912036.25	144.471767			2
3.44	3.46	3.48	1089173.5	168.889167			3
3.47	3.49	3.51	1044306.4375	156.67768			4
3.55	3.56	3.59	1059838.375	158.162477			5
3.60	3.62	3.64	727499.875	145.257795			6
Height summation:			**5600816.6875**				
Concentration		CF:	**152.551884**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**12.56**	
4.59	4.61	4.63	2476219.75	223.505685			1
4.79	4.81	4.82	3387077.25	258.485704			2
4.99	5.01	5.03	4096312.75	286.547212			3
5.22	5.24	5.26	1860161.5	198.463905			4
5.46	5.48	5.50	5807678.5	239.080042			5
5.67	5.69	5.71	3391961.5	234.097682			6
Height summation:			**21019411.25**				
Concentration		CF:	**240.030038**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**15.58**	
4.55	4.56	4.59	3320854.25	260.886421			1
4.65	4.67	4.69	2872260.25	244.481704			2
4.78	4.80	4.82	3612823	320.962753			3
5.01	5.03	5.05	1982914.75	197.673484			4
5.20	5.22	5.24	5283896	246.196712			5
5.47	5.49	5.51	3722100.25	256.268219			6
Height summation:			**20794848.5**				
Concentration		CF:	**254.411549**	L:			

Data Summary

Sample Name: 7051107 MSACF S8408 MS Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 15:11:50
Instrument	19843A
Result file	BP7127.036.RAW
Calibration file	1P7127
Method file	PESTDI7

Analysis Report (B)

Injected on	May 15, 2013 15:11:50
Instrument	19843B
Result file	BP7127B.036.RAW
Calibration file	1P7127B
Method file	PESTDI7B

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
☑	Aroclor-1016	A	155.426179	17	3.6		1.87	4	40	
☑	Aroclor-1221			<17	<4.6			3	40	
☑	Aroclor-1232			<17	<8			4	40	
☑	Aroclor-1242			<17	<3.3			4	40	
☑	Aroclor-1248			<17	<3.3			4	40	
☑	Aroclor-1254			<17	<3.3			4	40	
☑	Aroclor-1260	B	254.411549	17	4.9		5.82	4	40	
☐	Aroclor-1262			<17	<3.3			4	40	
☐	Aroclor-1268			<17	<3.3			4	40	
☐	Total PCBs	A	409.837728	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: Monica M. Souders
Chemist
MAY 16 2013

Verified by: Valerie L. Tomaszko
Date: Valerie L. Tomaszko
Principal Operator
MAY 20 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051107** MSACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843A
Result file : BP7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 100% (41-146) Conc.: 10.114132
%SSR(DCB) : 116% (39-151) Conc.: 11.741961

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	11.31	
3.05	3.07	3.09	586237.1875	144.720464			1
3.38	3.40	3.42	733067.75	140.470198			2
+ 3.55	3.56	3.59	340770.4687!	66.356964			3
3.55	3.57	3.59	974300.25	189.721858			3
3.59	3.61	3.63	992475.0625	152.088102			4
3.64	3.66	3.68	856054.625	151.343436			5
3.83	3.85	3.87	679449.75	154.213016			6
Height Summation:			**4821584.625000**				
Amount Avg CF:			**155.426179**	Linear:			
Aroclor-1221					3	39.44	
2.95	2.97	2.99	93532.8125	47.54858			1
E 3.01	3.02	3.05	125249.5937!	78.551015			2
E 3.05	3.07	3.09	586237.1875	109.49068			3
Height Summation:			**805019.593750**				
Amount Avg CF:			**78.530092**	Linear:			
Aroclor-1232					6	31.53	
E 3.05	3.07	3.09	586237.1875	122.501784			1
E 3.38	3.40	3.42	733067.75	282.726088			2
E+ 3.55	3.56	3.59	340770.4687!	137.149738			3
E 3.55	3.57	3.59	974300.25	392.126186			3
E 3.59	3.61	3.63	992475.0625	301.800835			4
E 3.64	3.66	3.68	856054.625	328.267607			5
E 3.83	3.85	3.87	679449.75	351.810443			6
Height Summation:			**4821584.625000**				
Amount Avg CF:			**296.538824**	Linear:			
Aroclor-1242					6	9.93	
E 3.05	3.07	3.09	586237.1875	172.757038			1
E 3.38	3.40	3.42	733067.75	178.460332			2
E+ 3.55	3.56	3.59	340770.4687!	79.08691			3
E 3.55	3.57	3.59	974300.25	226.118174			3
E 3.59	3.61	3.63	992475.0625	184.274888			4
E 3.64	3.66	3.68	856054.625	198.593838			5
E 3.83	3.85	3.87	679449.75	192.66152			6
Height Summation:			**4821584.625000**				
Amount Avg CF:			**192.144298**	Linear:			
Aroclor-1248					6	48.91	
3.71	3.73	3.75	598512.6875	101.934825			1
3.83	3.85	3.87	679449.75	98.512302			2
3.92	3.94	3.96	689120.9375	117.485301			3
4.09	4.11	4.13	229387.2031!	33.900013			4
4.22	4.24	4.26	884301.25	155.196948			5
4.47	4.49	4.51	1042697.125	206.43349			6
Height Summation:			**4123468.953125**				
Amount Avg CF:			**118.91048**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843B
Result file : BP7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 104% (41-146) Conc.: 10.491545
%SSR(DCB) : 128% (39-151) Conc.: 12.999271

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	6.86	
2.95	2.97	2.99	767962.25	141.85242			1
3.28	3.30	3.32	912036.25	144.471767			2
+ 3.44	3.45	3.48	456594.6875	70.800379			3
3.44	3.46	3.48	1089173.5	168.889167			3
3.47	3.49	3.51	1044306.437!	156.67768			4
3.55	3.56	3.59	1059838.375	158.162477			5
3.60	3.62	3.64	727499.875	145.257795			6
+ 3.60	3.64	3.64	235910.9531!	47.103658			6
Height Summation:			**5600816.687500**				
Amount Avg CF:			**152.551884**	Linear:			
Aroclor-1221					3	32.31	
2.83	2.85	2.87	165197.8125	54.136947			1
E 2.90	2.91	2.94	169386.9062!	78.025402			2
E 2.95	2.97	2.99	767962.25	105.227047			3
Height Summation:			**1102546.968750**				
Amount Avg CF:			**79.129799**	Linear:			
Aroclor-1232					6	31.62	
E 2.95	2.97	2.99	767962.25	118.161218			1
E 3.28	3.30	3.32	912036.25	293.001102			2
E+ 3.44	3.45	3.48	456594.6875	161.134763			3
E 3.44	3.46	3.48	1089173.5	384.375287			3
E 3.47	3.49	3.51	1044306.437!	304.289082			4
E 3.55	3.56	3.59	1059838.375	331.231063			5
E 3.60	3.62	3.64	727499.875	356.198529			6
E+ 3.60	3.64	3.64	235910.9531!	115.506734			6
Height Summation:			**5600816.687500**				
Amount Avg CF:			**297.876047**	Linear:			
Aroclor-1242					6	8.05	
E 2.95	2.97	2.99	767962.25	168.354625			1
E 3.28	3.30	3.32	912036.25	179.692633			2
E+ 3.44	3.45	3.48	456594.6875	89.548123			3
E 3.44	3.46	3.48	1089173.5	213.610551			3
E 3.47	3.49	3.51	1044306.437!	187.181379			4
E 3.55	3.56	3.59	1059838.375	193.619162			5
E 3.60	3.62	3.64	727499.875	193.030951			6
+ 3.60	3.64	3.64	235910.9531!	62.595359			6
Height Summation:			**5600816.687500**				
Amount Avg CF:			**189.248217**	Linear:			
Aroclor-1248					6	35.15	
3.58	3.60	3.62	696869.8125	102.160225			1
3.71	3.73	3.75	902783	105.906255			2
+ 3.81	3.81	3.85	169892.5156!	29.095218			3
3.81	3.82	3.85	747865.9375	128.076991			3
3.94	3.96	3.98	1097972.625	95.688842			4
4.08	4.09	4.12	188662.7812!	36.142104			5
+ 4.08	4.11	4.12	54400.3242!!	10.421463			5
4.31	4.33	4.35	394313.7812!	73.947535			6
+ 4.31	4.34	4.35	461321.7812!	86.513863			6
Height Summation:			**4028467.937500**				
Amount Avg CF:			**90.320325**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051107** MSACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843A
Result file : BP7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	96.46	
4.22	4.24	4.26	884301.25	82.034796			1
4.41	4.43	4.45	52408.07812	6.696689			2
+ 4.41	4.44	4.45	194909.125	24.90543			2
4.47	4.49	4.51	1042697.125	66.479448			3
4.68	4.70	4.72	868342.125	81.407536			4
4.87	4.90	4.91	1948499.625	227.369302			5
E 4.99	5.01	5.03	4096312.75	367.510328			6
Height Summation:			**8892560.953125**				
Amount Avg CF:			**138.583017**	Linear:			
Aroclor-1260					6	12.56	
4.59	4.61	4.63	2476219.75	223.505685			1
4.79	4.81	4.82	3387077.25	258.485704			2
4.99	5.01	5.03	4096312.75	286.547212			3
5.22	5.24	5.26	1860161.5	198.463905			4
5.46	5.48	5.50	5807678.5	239.080042			5
5.67	5.69	5.71	3391961.5	234.097682			6
Height Summation:			**21019411.250000**				
Amount Avg CF:			**240.030038**	Linear:			
Aroclor-1262					6	39.65	
E 5.06	5.07	5.10	1763947.875	128.124935			1
E 5.22	5.24	5.26	1860161.5	153.322124			2
E 5.46	5.48	5.50	5807678.5	203.200569			3
E 5.66	5.69	5.70	3391961.5	184.094605			4
+ 5.72	5.72	5.76	76845.92187	9.104751			5
5.72	5.74	5.76	366738.1875	43.451362			5
E 6.09	6.11	6.13	1320747.25	133.503479			6
Height Summation:			**14511234.812500**				
Amount Avg CF:			**140.949512**	Linear:			
Aroclor-1268					6	127.17	
E 5.66	5.69	5.70	3391961.5	99.3285			1
+ 5.72	5.72	5.76	76845.92187	2.74904			2
5.72	5.74	5.76	366738.1875	13.119472			2
5.85	5.87	5.89	107978.3203	4.210471			3
5.92	5.93	5.95	80802.42968	11.571364			4
E 6.09	6.11	6.13	1320747.25	129.529407			5
6.29	6.31	6.33	393690.1875	4.889199			6
Height Summation:			**5661917.875001**				
Amount Avg CF:			**43.774736**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843B
Result file : BP7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	102.38	
4.04	4.06	4.08	961844	88.089844			1
4.25	4.27	4.29	287594.8437	32.268308			2
+ 4.31	4.31	4.35	161485.8906	10.541418			3
4.31	4.33	4.35	394313.7812	25.739874			3
+ 4.31	4.34	4.35	461321.7812	30.113998			3
4.48	4.49	4.52	749686.1875	75.371726			4
4.70	4.72	4.74	740120.375	99.86875			5
E 4.78	4.80	4.82	3612823	323.786131			6
Height Summation:			**6746382.187500**				
Amount Avg CF:			**107.520772**	Linear:			
Aroclor-1260					6	15.58	
4.55	4.56	4.59	3320854.25	260.886421			1
4.65	4.67	4.69	2872260.25	244.481704			2
4.78	4.80	4.82	3612823	320.962753			3
5.01	5.03	5.05	1982914.75	197.673484			4
5.20	5.22	5.24	5283896	246.196712			5
5.47	5.49	5.51	3722100.25	256.268219			6
Height Summation:			**20794848.500000**				
Amount Avg CF:			**254.411549**	Linear:			
Aroclor-1262					6	31.16	
E 4.82	4.83	4.86	1473819.625	113.341925			1
E 5.01	5.03	5.05	1982914.75	147.061008			2
E 5.21	5.22	5.24	5283896	201.122219			3
E 5.42	5.44	5.46	918384.1875	89.577658			4
E 5.47	5.49	5.51	3722100.25	204.258037			5
E 5.85	5.86	5.89	1250754	136.549371			6
Height Summation:			**14631868.812500**				
Amount Avg CF:			**148.651703**	Linear:			
Aroclor-1268					6	118.18	
5.42	5.44	5.46	918384.1875	30.89098			1
E 5.47	5.49	5.51	3722100.25	126.871846			2
5.62	5.64	5.66	108528.7187	4.538394			3
5.69	5.71	5.73	56063.95703	9.210963			4
E 5.85	5.86	5.89	1250754	126.986612			5
6.05	6.06	6.09	365823.25	5.412044			6
Height Summation:			**6421654.363281**				
Amount Avg CF:			**50.651807**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		1.87	4	40	
Aroclor-1221			17	4.6	E	0.76	3	40	
Aroclor-1232			17	8	E	0.45	4	40	
Aroclor-1242			17	3.3	E	1.52	4	40	
Aroclor-1248			17	3.3		27.33	4	40	
Aroclor-1254			17	3.3	E	25.24	4	40	
Aroclor-1260			17	4.9		5.82	4	40	
Aroclor-1262			17	3.3	E	5.32	4	40	
Aroclor-1268			17	3.3	E	14.57	4	40	

Jessica L. Miller
Chemist
MAY 15 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051107** MSACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843A
Result file : BP7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Analysis Report (B)

Injected on : MAY 15, 2013 15:11:50
Instrument : CP 7--19843B
Result file : BP7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051107MSACF ABS8408 MS 131340008A 10736 Injection Volume: 1SW-846 8082
Injected On: 5/15/2013 3:11:50 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.036.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.576		42593	41315
1.708		1152	1136
1.893		3334	4932
1.936		27031	22241
1.979		15632	20080
2.019		15165	17450
2.093		38501	25923
2.176		1959	1268
2.214		16731	14074
2.278		5161	10998
2.379		1228	1052
2.459		6518	4032
2.522		1352	799
2.54		5561	3099
2.611		2772	2175
2.735		1889	1507
2.815	TCX	2434946	1574769
2.928		13949	9008
2.967		93533	75678
3.024		125250	86345
3.071		586237	399141
3.132		28827	39409
3.162		72554	50266
3.202		2072	1442
3.283		612240	362082
3.299		275506	145125
3.335		75402	41830
3.35		15321	5595
3.365		57449	31458
3.396		733068	549216
3.432		3942	2207
3.469		26382	18432
3.504		167846	95592
3.518		82867	38799
3.562		340771	188455
3.572		974300	470220
3.607		992475	718159
3.663		856055	624823
3.7		67012	45812
3.728		598513	422643
3.754		430734	353191
3.776		134530	72605
3.849		679450	466892
3.872		224686	141909
3.901		255634	177303
3.936		689121	669506
3.973		208164	165245
4.02		31833	26052
4.057		40463	34243
4.091		739521	540342
4.11		229387	126988
4.132		268978	189720
4.2		139216	115663

RT A	Compound A	Height A	Area A
4.241		884301	824740
4.275		144397	112327
4.313		13154	9411
4.335		12578	9031
4.376		112183	99718
4.428		52408	43154
4.441		194909	159551
4.487		1042697	891423
4.533		995622	1057657
4.569		244301	174594
4.608		2476220	2189894
4.656		76441	65569
4.697		858342	840438
4.725		16517	9348
4.753		423181	409616
4.805		3387077	3852836
4.853		522155	470240
4.895		1948500	1998396
4.937		66872	44665
4.974		293082	347998
5.009		4096313	3871779
5.033		141722	67464
5.075		1763948	1608934
5.119		1130542	1080051
5.217		329251	254171
5.239		1860162	1552346
5.297		988990	917237
5.337		527498	513897
5.378		98593	100343
5.423		805121	760669
5.447		20120	9374
5.48		5807679	5750639
5.568		8445	8992
5.604		2363	1424
5.624		3522	2161
5.685		3391962	3283115
5.724		76846	151009
5.739		366738	331136
5.826		3741	3967
5.872		107978	116515
5.933		80802	59892
5.956		479875	427548
6.011		5296	8297
6.059		1669	2505
6.113		1320747	1289848
6.157		88400	84583
6.31		393690	402446
6.367		45954	47608
6.453	DCB	2357172	2428741
6.521		5795	8474
6.749		1982	2195
7.537		5939	9048
7.75		2591	4427
8.368		2253	4646

LANCASTER LABORATORIES

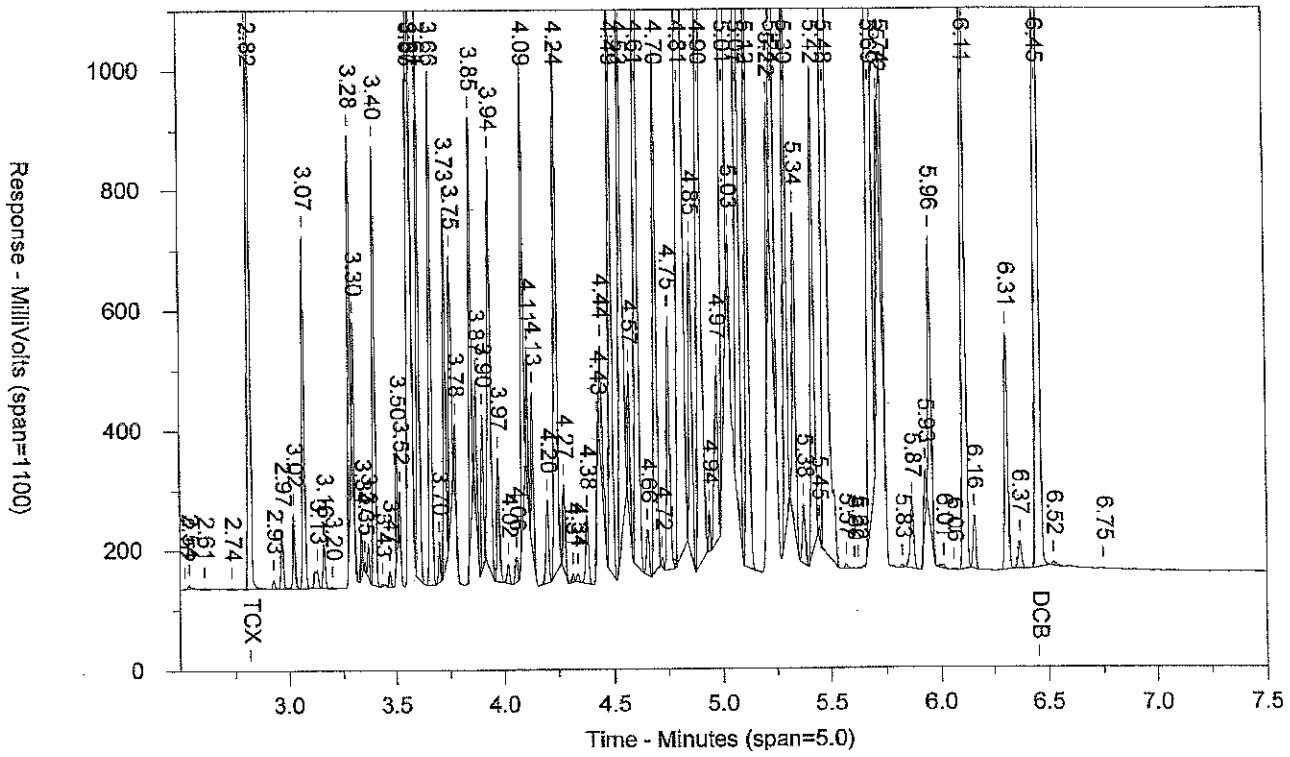
Sample Number: 7051107MSACF ABS8408 MS 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/15/2013 3:11:50 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.036.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		55445	61611
1.594		2568	3161
1.723		1769	2150
1.843		35213	31664
1.923		3965	9146
1.972		32692	28101
2.01		57543	40991
2.044		16914	14841
2.108		5079	4547
2.167		2595	1530
2.212		6224	6922
2.34		1462	1893
2.361		9009	6874
2.425		12627	13061
2.635		2058	1601
2.654		3179	1776
2.679	TCX	3176135	1985163
2.725		72542	57051
2.771		1046	1068
2.802		3056	2221
2.851		165198	110668
2.914		169387	114344
2.966		767962	502369
2.991		27107	12018
3.016		2488	1451
3.08		105696	70735
3.175		997800	1034845
3.227		121213	78812
3.248		52670	29117
3.273		90630	52923
3.298		912036	677293
3.333		31121	19256
3.38		245952	134885
3.395		137622	67423
3.446		456595	220199
3.455		1089174	496215
3.49		1044306	836708
3.565		1059838	716994
3.598		696870	437166
3.622		727500	420900
3.64		235911	118480
3.728		902783	638449
3.752		288886	172285
3.774		303738	198435
3.805		169893	87205
3.822		747866	473232
3.866		256004	208198
3.911		40662	34265
3.934		231417	148776
3.958		1097973	758275
3.983		264127	168359
4.004		45746	22545
4.022		137530	89056
4.059		961844	712083

4.092		188663	144212
4.112		54400	47761
4.173		18754	15455
4.209		111060	88468
4.233		8370	7001
4.268		287595	235128
4.313		161486	119199
4.331		394314	217929
4.342		461322	251805
4.37		430907	445961
4.424		2624661	2139694
4.462		90790	85652
4.494		749686	548077
4.519		565621	420252
4.563		3320854	2776198
4.67		2872260	2616085
4.722		740120	693765
4.763		785651	671576
4.802		3612823	3257732
4.834		1473820	1030204
4.873		1085694	885849
4.936		15800	18434
4.977		369626	436283
5.029		1982915	1671040
5.055		410120	284888
5.104		1077631	1018382
5.14		516533	422530
5.168		365377	302274
5.201		183202	107703
5.223		5283896	4410846
5.264		100962	75557
5.298		165406	148384
5.339		2500	1569
5.361		5612	3664
5.415		43472	26473
5.439		918384	815646
5.485		3722100	3750357
5.533		1793	1623
5.565		3507	2915
5.604		3334	2189
5.64		108529	97010
5.683		96631	75925
5.709		56064	42085
5.76		526224	486768
5.794		2501	2786
5.864		1250754	1080946
5.895		66815	48047
6.063		365823	332141
6.125		33370	33786
6.223	DCB	2152792	1917166
6.4		4517	3703
6.433		2298	2386
6.696		1707	2040
6.743		1162	1449
7.145		5469	5991
7.746		1909	2615
8.678		1884	2445

7051107MSACF ABS8408 MS 131340008A 10736 SW-846 8082

—— \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\BP7127.036.RAW



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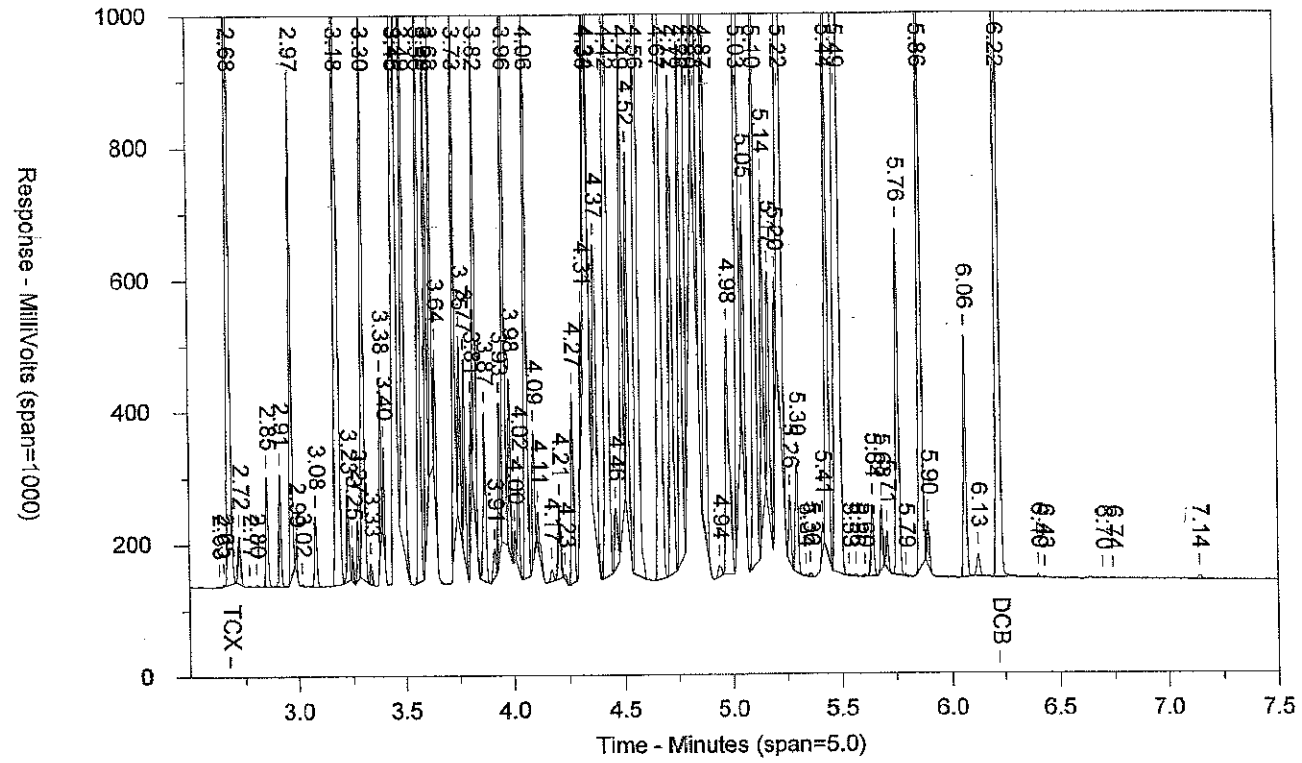

LANCASTER LABORATORIES

Sample Number: 7051107MSACF ABS8408 MS 131340008A 10736 Sample Weight: 30SW-846 8082
Injected On: 5/15/2013 3:11:50 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2434946	10.114	TCX	2.679	3176135	10.492	TCX
6.453	2357172	11.742	DCB	6.223	2152792	12.999	DCB

Files:
Area File: BP7127.036.RAW
Area File: BP7127B.036.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 3:20:33 PM
File Reported On: 5/15/2013 at 3:20:39 PM

7051107MSACF ABS8408 MS 131340008A 10736 SW-846 8082

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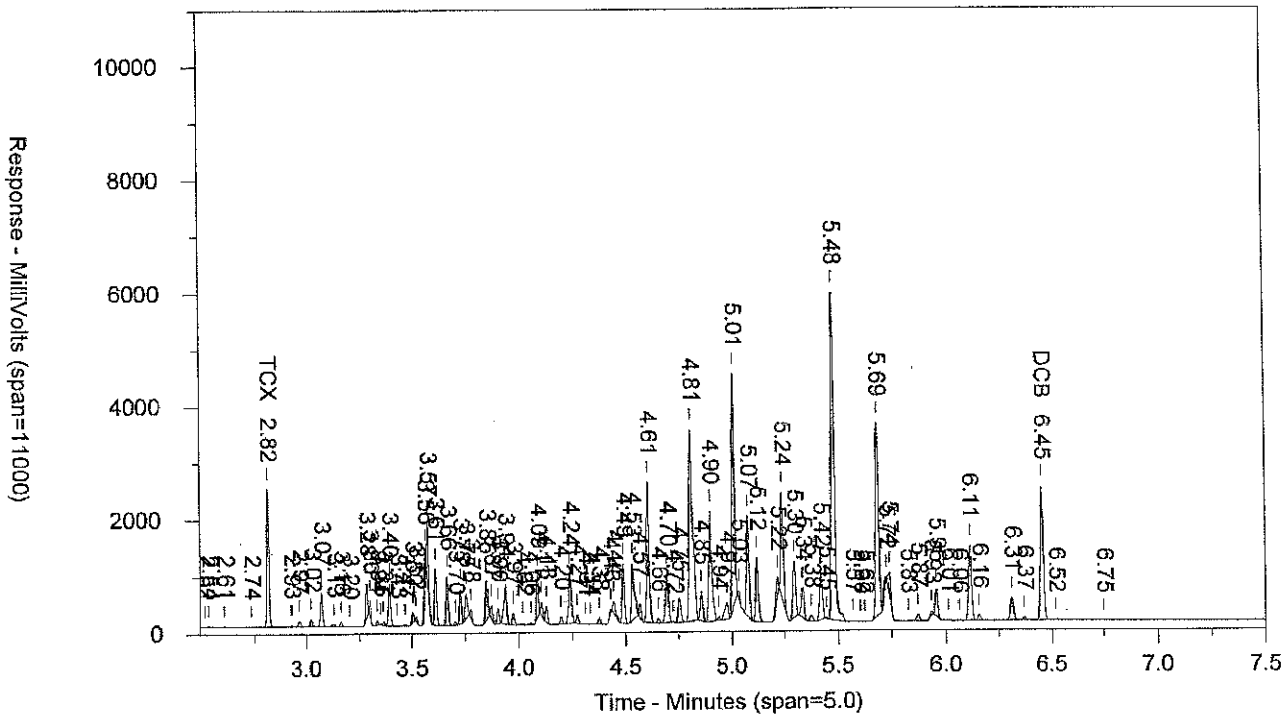

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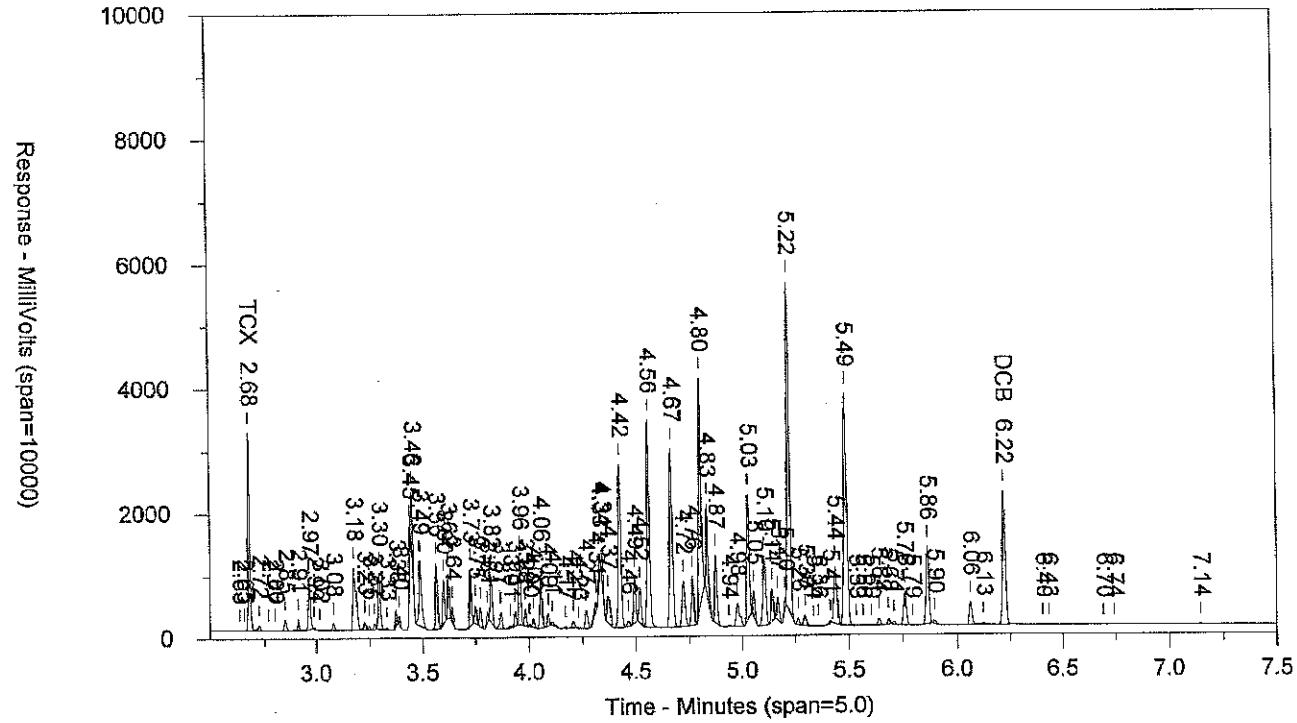


Data Summary

Sample Name: 7051108 MSDACF S8408 MSD Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on May 15, 2013 15:23:18
Instrument 19843A
Result file BP7127.037.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 103% (41 - 146) Conc: 10.386093
%SSR(DCB) 118% (39 - 151) Conc: 11.944782

Analysis Report (B)

Injected on May 15, 2013 15:23:18
Instrument 19843B
Result file BP7127B.037.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 105% (41 - 146) Conc: 10.604429
%SSR(DCB) 130% (39 - 151) Conc: 13.244628

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2500420	10.386093	Tetrachloro-m-xylene	2.66	2.68	2.70	3210309	10.604429
Decachlorobiphenyl	6.43	6.45	6.47	2397888	11.944782	Decachlorobiphenyl	6.21	6.22	6.24	2193425	13.244628

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☑ Tetrachloro-m-xylene	B	10.604429				2.08	
☑ Decachlorobiphenyl	B	13.244628				10.32	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**8.04**	
3.05	3.07	3.09	603686.125	149.027967			1
3.38	3.40	3.42	778368.6875	149.150749			2
3.55	3.57	3.59	931290.75	181.346779			3
3.59	3.61	3.63	998564.0625	153.021188			4
3.64	3.66	3.68	901269.375	159.337033			5
3.83	3.85	3.87	745731.625	169.256848			6
Height summation:			**4958910.625**				
Concentration		CF:	**160.190094**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**7.72**	
2.95	2.97	2.99	802726.9375	148.273901			1
3.28	3.30	3.32	957664.0625	151.699474			2
3.44	3.46	3.48	1182941.625	183.429018			3
3.47	3.49	3.51	1085702.75	162.888384			4
3.55	3.57	3.59	1114870.75	166.375103			5
3.60	3.62	3.64	797310.625	159.196706			6
Height summation:			**5941216.75**				
Concentration		CF:	**161.977098**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**16.34**	
4.59	4.61	4.63	2901365.5	261.879699			1
4.79	4.81	4.82	3932718.75	300.126481			2
4.99	5.01	5.03	5237571	366.381051			3
5.22	5.24	5.26	2112841.25	225.422753			4
5.46	5.48	5.50	6964708.5	286.710568			5
5.67	5.69	5.71	4040249	278.839523			6
Height summation:			**25189454**				
Concentration		CF:	**286.560013**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.10**	
4.55	4.56	4.59	3978155.5	312.52403			1
4.65	4.67	4.69	3341349	284.409708			2
4.78	4.80	4.82	4632155	411.520084			3
5.01	5.03	5.05	2406064.25	239.856557			4
5.20	5.22	5.24	5965373.5	277.949328			5
5.47	5.48	5.51	4320236	297.450126			6
Height summation:			**24643333.25**				
Concentration		CF:	**303.951639**	L:			

Data Summary

Sample Name: 7051108 MSDACF S8408 MSD Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on	May 15, 2013 15:23:18
Instrument	19843A
Result file	BP7127.037.RAW
Calibration file	1P7127
Method file	PESTDI7

Analysis Report (B)

Injected on	May 15, 2013 15:23:18
Instrument	19843B
Result file	BP7127B.037.RAW
Calibration file	1P7127B
Method file	PESTDI7B

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
✓	Aroclor-1016	B	161.977098	17	3.6		1.11	4	40	
✓	Aroclor-1221			<17	<4.6			3	40	
✓	Aroclor-1232			<17	<8			4	40	
✓	Aroclor-1242			<17	<3.3			4	40	
✓	Aroclor-1248			<17	<3.3			4	40	
✓	Aroclor-1254			<17	<3.3			4	40	
✓	Aroclor-1260	B	303.951639	17	4.9		5.89	4	40	
	Aroclor-1262			<17	<3.3			4	40	
	Aroclor-1268			<17	<3.3			4	40	
	Total PCBs	A	465.928737	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Date: MAY 16 2013
Monica M. Souders
Chemist

Verified by: Valerie L. Tomayko
Date: MAY 20 2013

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **7051108** MSDACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:23:18
Instrument : CP 7--19843A
Result file : BP7127.037.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 103% (41-146) Conc.: 10.386093
%SSR(DCB) : 118% (39-151) Conc.: 11.944782

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	8.04	
3.05	3.07	3.09	603686.125	149.027967			1
3.38	3.40	3.42	778368.6875	149.150749			2
+ 3.55	3.56	3.59	325305.625	63.345553			3
3.55	3.57	3.59	931290.75	181.346779			3
3.59	3.61	3.63	998564.0625	153.021188			4
3.64	3.66	3.68	901269.375	159.337033			5
3.83	3.85	3.87	745731.625	169.256848			6
Height Summation:			**4958910.625000**				
Amount Avg CF:			**160.190094**	Linear:			
Aroclor-1221					3	40.60	
2.95	2.97	2.99	94407.50781	47.993243			1
E 3.01	3.02	3.05	125320.7890	78.595666			2
E 3.05	3.07	3.09	603686.125	112.749593			3
Height Summation:			**823414.421876**				
Amount Avg CF:			**79.779501**	Linear:			
Aroclor-1232					6	31.03	
E 3.05	3.07	3.09	603686.125	126.147963			1
E 3.38	3.40	3.42	778368.6875	300.197538			2
E+ 3.55	3.56	3.59	325305.625	130.92561			3
E 3.55	3.57	3.59	931290.75	374.816172			3
E 3.59	3.61	3.63	998564.0625	303.652433			4
E 3.64	3.66	3.68	901269.375	345.605914			5
E 3.83	3.85	3.87	745731.625	386.130356			6
Height Summation:			**4958910.625000**				
Amount Avg CF:			**306.091729**	Linear:			
Aroclor-1242					6	8.03	
E 3.05	3.07	3.09	603686.125	177.89903			1
E 3.38	3.40	3.42	778368.6875	189.488535			2
E+ 3.55	3.56	3.59	325305.625	75.497788			3
E 3.55	3.57	3.59	931290.75	216.136416			3
E 3.59	3.61	3.63	998564.0625	185.405445			4
E 3.64	3.66	3.68	901269.375	209.083087			5
E 3.83	3.85	3.87	745731.625	211.456091			6
Height Summation:			**4958910.625000**				
Amount Avg CF:			**198.244767**	Linear:			
Aroclor-1248					6	63.36	
3.71	3.73	3.75	591338.6875	100.712995			1
3.83	3.85	3.87	745731.625	108.122402			2
3.92	3.94	3.96	710383.8125	121.110319			3
4.09	4.11	4.13	262235.875	38.754557			4
4.22	4.24	4.26	978644.75	171.754453			5
4.47	4.49	4.51	1506459.75	298.249353			6
Height Summation:			**4794794.500000**				
Amount Avg CF:			**139.784013**	Linear:			

Jessica L. Miller
Chemist

MAY 15 2013

Analysis Report (B)

Injected on : MAY 15, 2013 15:23:18
Instrument : CP 7--19843B
Result file : BP7127B.037.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 105% (41-146) Conc.: 10.604429
%SSR(DCB) : 130% (39-151) Conc.: 13.244628

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	7.72	
2.95	2.97	2.99	802726.9375	148.273901			1
3.28	3.30	3.32	957664.0625	151.699474			2
+ 3.44	3.45	3.48	373333.5312	57.889757			3
3.44	3.46	3.48	1182941.625	183.429018			3
3.47	3.49	3.51	1085702.75	162.888384			4
3.55	3.57	3.59	1114870.75	166.375103			5
3.60	3.62	3.64	797310.625	159.196706			6
+ 3.60	3.64	3.64	237810.7812	47.482991			6
Height Summation:			**5941216.750000**				
Amount Avg CF:			**161.977098**	Linear:			
Aroclor-1221					3	31.42	
2.83	2.85	2.87	176836.5	57.95106			1
E 2.90	2.91	2.94	175890.0312	81.020964			2
E 2.95	2.97	2.99	802726.9375	109.990544			3
Height Summation:			**1155453.468750**				
Amount Avg CF:			**82.987523**	Linear:			
Aroclor-1232					6	32.75	
E 2.95	2.97	2.99	802726.9375	123.510228			1
E 3.28	3.30	3.32	957664.0625	307.65951			2
E+ 3.44	3.45	3.48	373333.5312	131.751446			3
E 3.44	3.46	3.48	1182941.625	417.466571			3
E 3.47	3.49	3.51	1085702.75	316.351103			4
E 3.55	3.57	3.59	1114870.75	348.430319			5
E 3.60	3.62	3.64	797310.625	390.379272			6
E+ 3.60	3.64	3.64	237810.7812	116.436928			6
Height Summation:			**5941216.750000**				
Amount Avg CF:			**317.299501**	Linear:			
Aroclor-1242					6	9.69	
E 2.95	2.97	2.99	802726.9375	175.975828			1
E 3.28	3.30	3.32	957664.0625	188.682388			2
E+ 3.44	3.45	3.48	373333.5312	73.218804			3
E 3.44	3.46	3.48	1182941.625	232.000515			3
E 3.47	3.49	3.51	1085702.75	194.601249			4
E 3.55	3.57	3.59	1114870.75	203.672885			5
E 3.60	3.62	3.64	797310.625	211.554165			6
+ 3.60	3.64	3.64	237810.7812	63.099449			6
Height Summation:			**5941216.750000**				
Amount Avg CF:			**201.081172**	Linear:			
Aroclor-1248					6	53.60	
3.58	3.60	3.62	713274.5	104.565131			1
3.71	3.73	3.75	929432.25	109.032501			2
+ 3.81	3.81	3.85	170825.3125	29.254965			3
3.81	3.82	3.85	778095.0625	133.253929			3
3.94	3.96	3.98	1214871.25	105.876614			4
4.08	4.09	4.12	288939.6875	55.352138			5
+ 4.08	4.11	4.12	52263.27734	10.012069			5
4.31	4.33	4.35	1370778.375	257.068574			6
Height Summation:			**5295391.125000**				
Amount Avg CF:			**127.524815**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **7051108** MSDACF S8408 Sample ID: AB **Batchnumber: 131340008A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: ASY17 State: DE
Analyses: 10736

Analysis Report (A)

Injected on : MAY 15, 2013 15:23:18
Instrument : CP 7--19843A
Result file : BP7127.037.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	92.96	
4.22	4.24	4.26	978644.75	90.786847			1
4.41	4.43	4.45	86590.375	11.064492			2
+ 4.41	4.44	4.45	219784.0625	28.083942			2
4.47	4.49	4.51	1506459.75	96.047654			3
4.68	4.70	4.72	1378620.875	129.24644			4
4.87	4.89	4.91	2595885.25	302.912359			5
E 4.99	5.01	5.03	5237571	469.900995			6
Height Summation:			**11783772.000000**				
Amount Avg CF:			**183.326465**	Linear:			
Aroclor-1260					6	16.34	
4.59	4.61	4.63	2901365.5	261.879699			1
4.79	4.81	4.82	3932718.75	300.126481			2
E 4.99	5.01	5.03	5237571	366.381051			3
5.22	5.24	5.26	2112841.25	225.422753			4
5.46	5.48	5.50	6964708.5	286.710568			5
5.67	5.69	5.71	4040249	278.839523			6
Height Summation:			**25189454.000000**				
Amount Avg CF:			**286.560013**	Linear:			
Aroclor-1262					6	28.72	
E 5.06	5.08	5.10	2026293	147.18046			1
E 5.22	5.24	5.26	2112841.25	174.149023			2
E 5.46	5.48	5.50	6964708.5	243.683036			3
E 5.66	5.69	5.70	4040249	219.279624			4
E 5.72	5.74	5.76	888172.8125	105.231252			5
E 6.09	6.11	6.13	1569975.625	158.695926			6
Height Summation:			**17602240.187500**				
Amount Avg CF:			**174.70322**	Linear:			
Aroclor-1268					6	119.65	
E 5.66	5.69	5.70	4040249	118.312626			1
5.72	5.74	5.76	888172.8125	31.772962			2
5.85	5.87	5.89	110863.3437	4.322969			3
5.92	5.93	5.95	86483.38281	12.384909			4
E 6.09	6.11	6.13	1569975.625	153.971937			5
6.29	6.31	6.33	446622	5.546554			6
Height Summation:			**7142366.164063**				
Amount Avg CF:			**54.385326**	Linear:			

Analysis Report (B)

Injected on : MAY 15, 2013 15:23:18
Instrument : CP 7--19843B
Result file : BP7127B.037.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	86.28	
4.04	4.06	4.08	1077448	98.677359			1
4.25	4.27	4.29	355021.46875	39.833614			2
+ 4.31	4.31	4.35	160319.95312	10.465309			3
4.31	4.33	4.35	1370778.375	89.48118			3
4.48	4.49	4.52	1229175	123.57843			4
4.70	4.72	4.74	1211199.25	163.434164			5
E 4.78	4.80	4.82	4632155	415.140056			6
Height Summation:			**9875777.093750**				
Amount Avg CF:			**155.024134**	Linear:			
Aroclor-1260					6	19.10	
4.55	4.56	4.59	3978155.5	312.52403			1
4.65	4.67	4.69	3341349	284.409708			2
E 4.78	4.80	4.82	4632155	411.520084			3
5.01	5.03	5.05	2406064.25	239.856557			4
5.20	5.22	5.24	5965373.5	277.949328			5
5.47	5.48	5.51	4320236	297.450126			6
Height Summation:			**24643333.250000**				
Amount Avg CF:			**303.951639**	Linear:			
Aroclor-1262					6	31.15	
E 4.82	4.83	4.86	1606853.75	123.572719			1
E 5.01	5.03	5.05	2406064.25	178.443493			2
E 5.21	5.22	5.24	5965373.5	227.061462			3
E 5.42	5.44	5.46	1065220.875	103.899863			4
E 5.47	5.48	5.51	4320236	237.081987			5
E 5.85	5.86	5.89	1491565.125	162.839598			6
Height Summation:			**16855313.500000**				
Amount Avg CF:			**172.149854**	Linear:			
Aroclor-1268					6	120.09	
5.42	5.44	5.46	1065220.875	35.830012			1
E 5.47	5.48	5.51	4320236	147.259956			2
5.62	5.64	5.66	110628.21875	4.626189			3
5.69	5.71	5.73	54892.58984	9.018515			4
E 5.85	5.86	5.89	1491565.125	151.435695			5
6.05	6.06	6.09	407813.90625	6.03326			6
Height Summation:			**7450356.714844**				
Amount Avg CF:			**59.033938**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		1.11	4	40	
Aroclor-1221			17	4.6	E	3.94	3	40	
Aroclor-1232			17	8	E	3.60	4	40	
Aroclor-1242			17	3.3	E	1.42	4	40	
Aroclor-1248			17	3.3		9.17	4	40	
Aroclor-1254			17	3.3	E	16.73	4	40	
Aroclor-1260			17	4.9	E	5.89	4	40	
Aroclor-1262			17	3.3	E	1.47	4	40	
Aroclor-1268			17	3.3	E	8.20	4	40	
Total PCBs			17	8					

Jessica L. Miller
Chemist
MAY 15 2013

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 7051108MSDACF ABS8408 MSD 131340008A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/15/2013 3:23:17 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127.037.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.575		46840	45268
1.703		2236	2375
1.936		22181	18396
2.027		9569	18651
2.093		44435	30039
2.177		3002	2503
2.213		14249	12826
2.279		5676	6643
2.459		9808	7019
2.476		5160	3922
2.521		3245	2302
2.54		11725	9151
2.687		278426	155890
2.739		1624	1826
2.779		1629	2002
2.815	TCX	2500420	1611674
2.928		24149	15330
2.967		94408	75305
3.024		125321	86121
3.071		603686	408206
3.119		13340	7044
3.133		30313	15363
3.163		74843	49719
3.203		2201	1722
3.284		635369	374339
3.299		280921	146551
3.336		77105	43401
3.351		14338	5354
3.366		54816	30761
3.396		778369	561992
3.433		3578	1961
3.469		27190	18688
3.505		176224	95351
3.519		84279	38403
3.563		325306	154119
3.573		931291	468052
3.608		998564	735246
3.664		901269	641834
3.701		64772	43919
3.729		591339	425313
3.755		472308	363526
3.777		142726	76850
3.85		745732	483966
3.872		230516	144705
3.902		256440	173080
3.937		710384	678626
3.974		206852	158085
4.02		29328	22379
4.058		41663	33141
4.091		822499	562421
4.11		262236	148085
4.133		309799	222177
4.2		145618	136135

RT A	Compound A	Height A	Area A
4.242		978645	924035
4.275		218684	164198
4.337		3229869	2533225
4.377		139524	121402
4.428		86590	57556
4.442		219784	193558
4.488		1506460	1261108
4.534		1105313	1185412
4.57		297300	210393
4.609		2901366	2557806
4.658		121207	106298
4.697		1378621	1277238
4.725		21060	11567
4.753		482079	456860
4.805		3932719	4624048
4.853		584589	529869
4.894		2595885	2599038
4.937		103493	70876
4.975		333561	419087
5.01		5237571	4832894
5.033		213867	106719
5.076		2026293	1862314
5.119		1317055	1267037
5.218		434093	369316
5.24		2112841	1753487
5.297		1170768	1070205
5.337		660194	600696
5.378		112089	113006
5.423		1035340	945193
5.448		32505	17644
5.48		6964709	6491681
5.515		40805	28508
5.567		12431	13193
5.603		3410	2037
5.625		3425	2210
5.65		6614	4344
5.686		4040249	3918155
5.739		888173	1838302
5.823		8981	8889
5.872		110863	124937
5.933		86483	67264
5.957		568897	500567
5.993		4253	7784
6.06		1882	2768
6.112		1569976	1515743
6.156		101899	98100
6.309		446622	445211
6.366		41959	44076
6.451	DCB	2397888	2475138
6.52		7690	9606
6.75		3393	3947
6.889		2764	2860
7.534		14115	20798
7.751		6967	11448
8.368		2091	4580

LANCASTER LABORATORIES

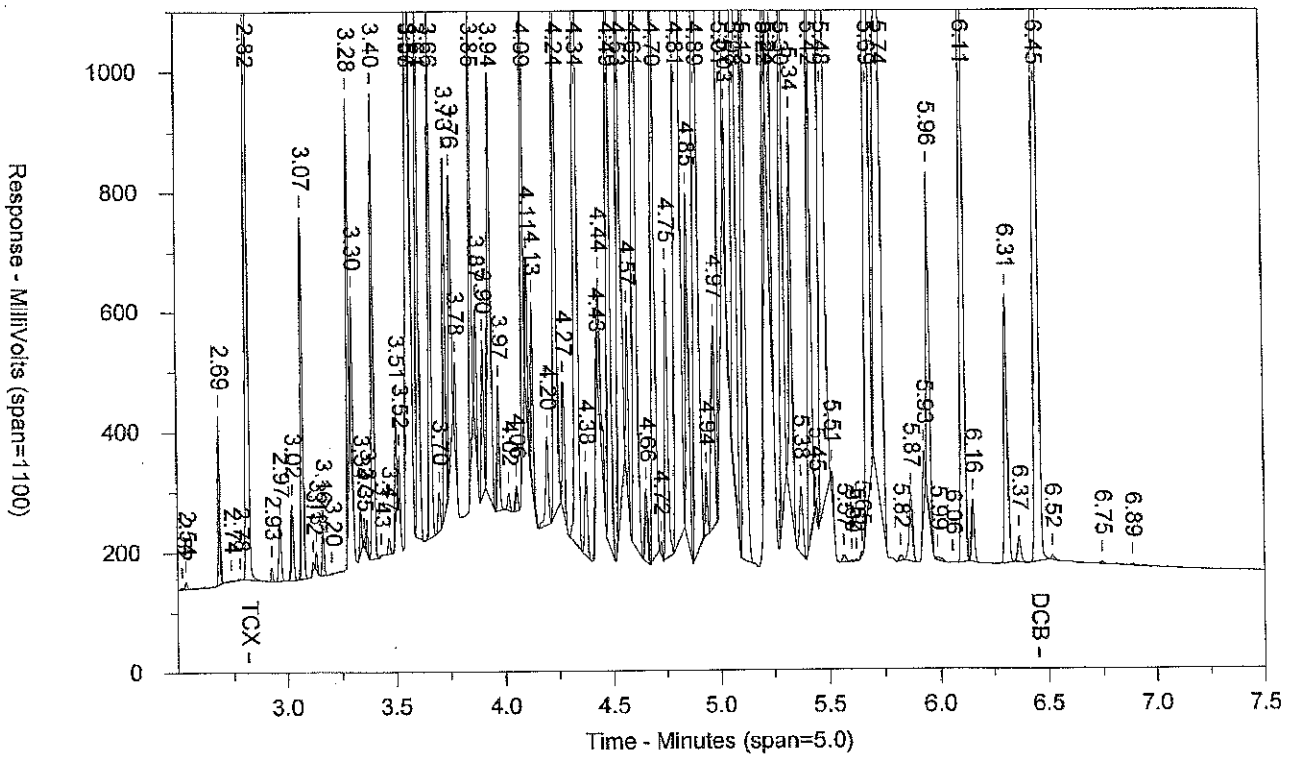
Sample Number: 7051108MSDACF ABS8408 MSD 131340008A 10736 Injection Volume: 1 ul SW-846 8082
Analyst: 2855
Injected On: 5/15/2013 3:23:17 PM
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: BP7127B.037.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.525		59177	65218
1.722		3378	3939
1.843		29216	27197
1.923		10871	9237
1.969		19446	17008
2.009		64519	46601
2.109		8029	20739
2.167		3888	2862
2.212		8328	8352
2.266		4025	3046
2.361		10015	9041
2.425		19473	18028
2.635		1849	1375
2.679	TCX	3210309	2025451
2.725		66304	45860
2.742		36064	15767
2.803		4946	4617
2.852		176837	120612
2.914		175890	115375
2.967		802727	583353
3.017		3106	1914
3.08		106861	71174
3.175		1010956	1060220
3.227		122941	79457
3.249		54435	30256
3.273		89736	52875
3.299		957664	694122
3.334		30742	17866
3.38		255184	137702
3.396		135617	66971
3.447		373334	206773
3.456		1182942	545583
3.491		1085703	854177
3.566		1114871	735636
3.599		713275	448834
3.623		797311	456160
3.64		237811	119800
3.728		929432	656072
3.753		286190	164313
3.774		303993	196404
3.806		170825	90397
3.823		778095	494469
3.867		259126	204744
3.911		38941	32363
3.934		245097	151408
3.958		1214871	824337
3.983		310720	191020
4.004		50200	25041
4.023		144031	93699
4.059		1077448	790998
4.093		288940	214738
4.113		52263	51198
4.174		25636	20877
4.209		146287	112352

4.233		13038	12487
4.269		355022	287639
4.313		160320	156456
4.331		1370778	1716102
4.371		489188	506386
4.426		3659504	3430501
4.462		137152	126784
4.495		1229175	888091
4.519		678259	487189
4.563		3978156	3322358
4.618		3109	2050
4.67		3341349	3092713
4.723		1211199	1059301
4.763		916234	803953
4.802		4632155	4061687
4.834		1606854	1135961
4.874		1263166	1025630
4.937		23776	27487
4.976		419863	512098
5.03		2406064	1914562
5.055		595673	424578
5.104		1262768	1185803
5.141		609836	493002
5.169		421883	345514
5.202		232815	145934
5.223		5965374	5156891
5.264		119012	89131
5.299		187892	166265
5.339		3445	2069
5.361		8976	6093
5.415		48926	31042
5.439		1065221	941699
5.485		4320236	4463776
5.535		2566	2513
5.565		7535	6542
5.603		3118	1963
5.64		110628	101043
5.683		111973	92280
5.709		54893	39326
5.759		630177	566616
5.798		3488	3596
5.864		1491565	1267494
5.895		73371	55017
5.969		1506	2047
6.063		407814	367672
6.125		29371	28701
6.223	DCB	2193425	1945358
6.4		6474	5366
6.434		4552	4493
6.489		2748	2938
6.64		3843	7332
6.697		2461	3070
7.145		13136	15417
7.746		5721	8159
8.677		2881	4524

7051108MSDACF ABS8408 MSD 131340008A 10736 SW-846 8082

—— \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\BP7127.037.RAW



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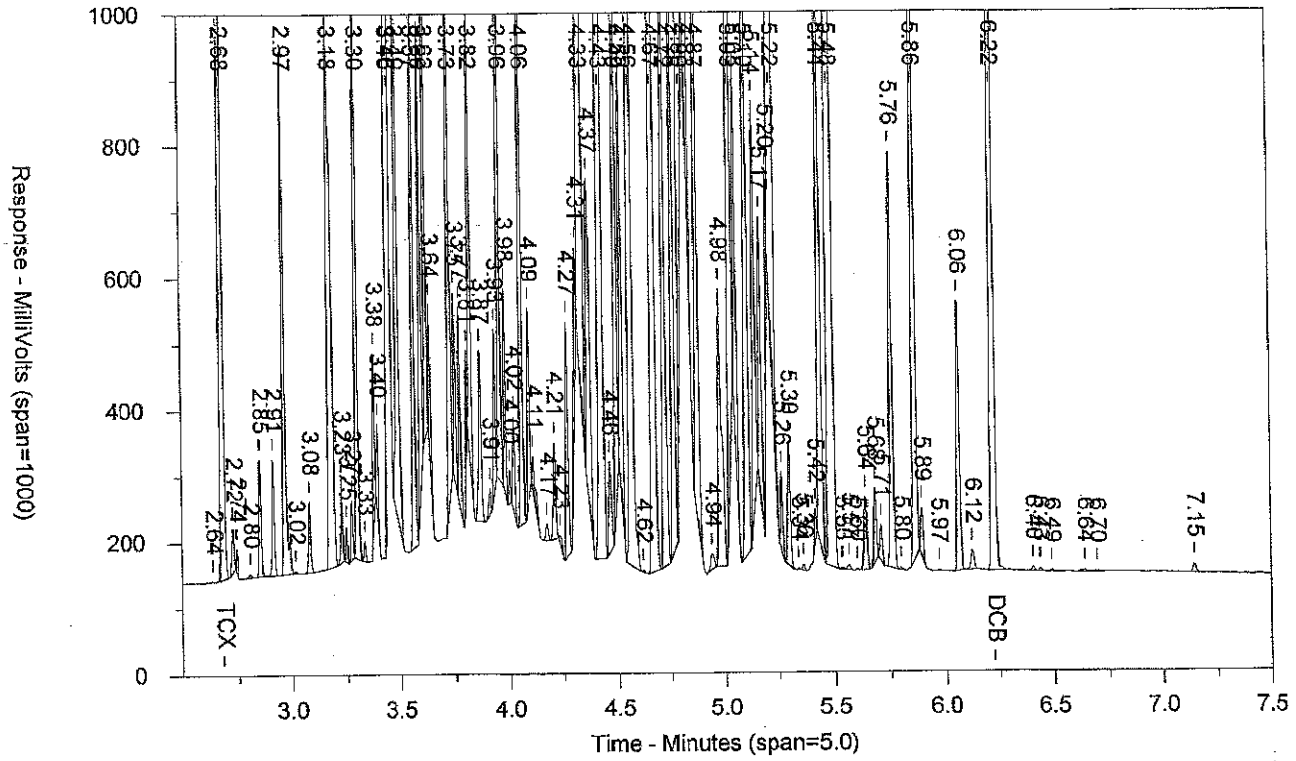

LANCASTER LABORATORIES

Sample Number: 7051108MSDACF ABS8408 MSD 131340008A 10736 Sample Weight: 30 SW-846 8082
Injected On: 5/15/2013 3:23:17 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2500420	10.386	TCX	2.679	3210309	10.604	TCX
6.451	2397888	11.945	DCB	6.223	2193425	13.245	DCB

Files:
Area File: BP7127.037.RAW
Area File: BP7127B.037.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/15/2013 3:32:01 PM
File Reported On: 5/15/2013 at 5:32:11 PM

7051108MSDACF ABS8408 MSD 131340008A 10736 SW-846 8082

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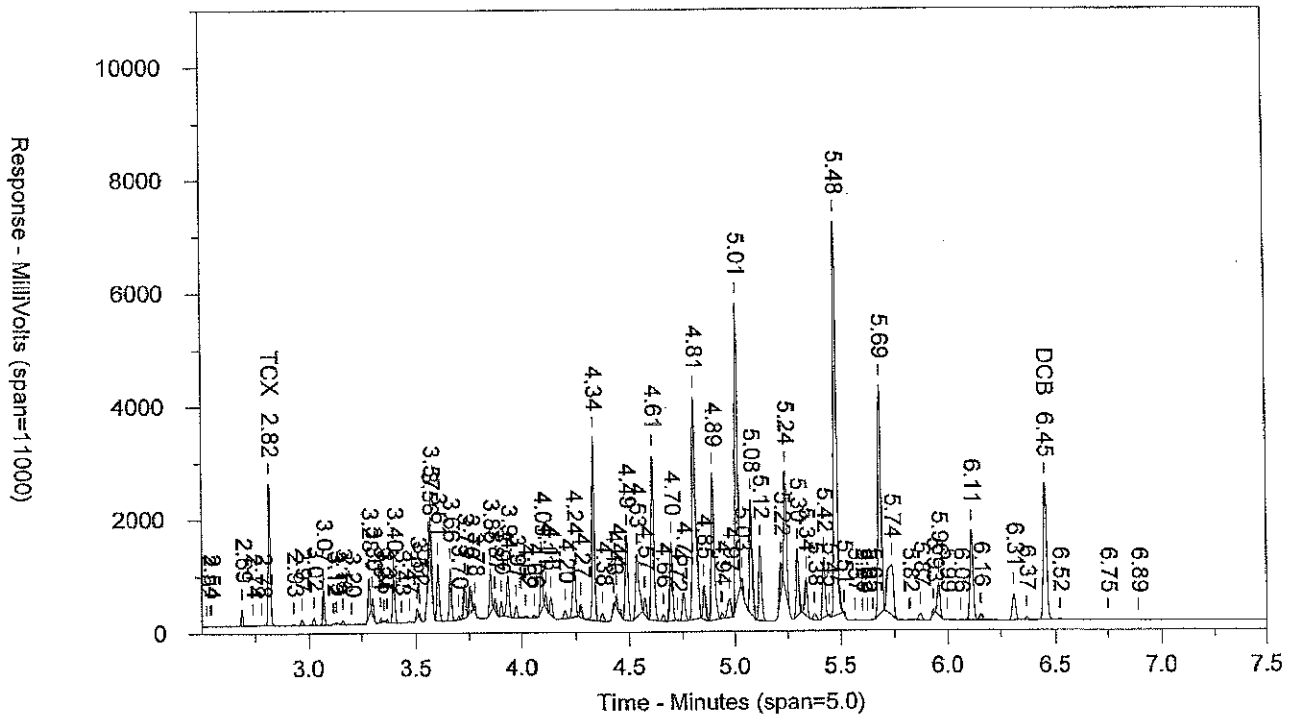

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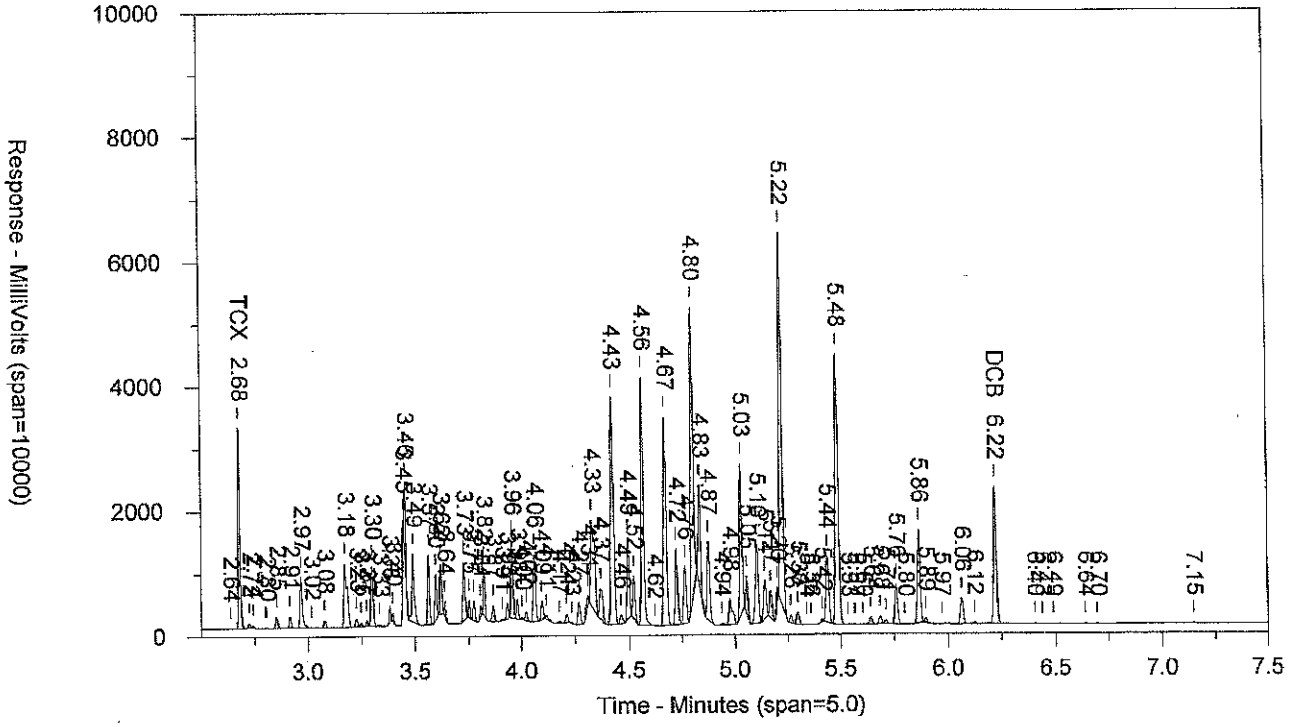

Data Summary

Sample Name: BLANKA 5/20/13ACF PBLK05140 BLK Sample ID: AB **Batchnumber:** 131400005A
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on	May 21, 2013 12:51:19
Instrument	19843A
Result file	HP7127.035.RAW
Calibration file	1P7127
Method file	PESTDI7

%SSR(TCX) 102% (41 - 146) Conc: 10.281133
%SSR(DCB) 109% (39 - 151) Conc: 11.029994

Analysis Report (B)

Injected on	May 21, 2013 12:51:19
Instrument	19843B
Result file	HP7127B.035.RAW
Calibration file	1P7127B
Method file	PESTDI7B

%SSR(TCX) 106% (41 - 146) Conc: 10.658093
%SSR(DCB) 114% (39 - 151) Conc: 11.538076

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2475152	10.281133	Tetrachloro-m-xylene	2.66	2.68	2.70	3226555	10.658093
Decachlorobiphenyl	6.43	6.45	6.47	2214246	11.029994	Decachlorobiphenyl	6.21	6.22	6.24	1910805	11.538076

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	10.658093				3.60	
Decachlorobiphenyl	B	11.538076				4.50	

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
Aroclor-1016			<17	<3.6			4	40	
Aroclor-1221			<17	<4.6			3	40	
Aroclor-1232			<17	<8			4	40	
Aroclor-1242			<17	<3.3			4	40	
Aroclor-1248			<17	<3.3			4	40	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260			<17	<4.9			4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs			<17	<8					

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: _____ Verified by: Valerie L. Tomayko
Valerie L. Tomayko
Analyzed Specialist

Date: Monica M. Souders
Monica M. Souders
Chemist
MAY 21 2013

Date: MAY 21 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 5/20/13ACF PBLK05140Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 12:51:19
Instrument : CP 7--19843A
Result file : Hp7127.035.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 102% (41-146) Conc.: 10.281133
%SSR(DCB) : 109% (39-151) Conc.: 11.029994

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	12.48	
3.59	3.61	3.63	1803.617065	0.276389			4
3.83	3.85	3.87	1453.40564	0.329876			6
Height Summation:			**3257.022705**				
Amount Avg CF:			**0.303133**	Linear:			
Aroclor-1232					2	22.19	
3.59	3.61	3.63	1803.617065	0.54846			4
3.83	3.85	3.87	1453.40564	0.752555			6
Height Summation:			**3257.022705**				
Amount Avg CF:			**0.650508**	Linear:			
Aroclor-1242					2	14.62	
3.59	3.61	3.63	1803.617065	0.334881			4
3.83	3.85	3.87	1453.40564	0.412121			6
Height Summation:			**3257.022705**				
Amount Avg CF:			**0.373501**	Linear:			
Aroclor-1248					3	38.70	
3.71	3.72	3.75	1492.287109	0.254157			1
3.83	3.85	3.87	1453.40564	0.210727			2
4.22	4.24	4.26	2441.353516	0.428463			5
Height Summation:			**5387.046265**				
Amount Avg CF:			**0.297782**	Linear:			
Aroclor-1254					1		
4.22	4.24	4.26	2441.353516	0.226479			1
Height Summation:			**2441.353516**				
Amount Avg CF:			**0.226479**	Linear:			
Aroclor-1260					2	53.66	
4.79	4.80	4.82	2813.966553	0.214749			2
5.46	5.50	5.50	11596.049805	0.477365			5
Height Summation:			**14410.016358**				
Amount Avg CF:			**0.346057**	Linear:			
Aroclor-1262					2	79.76	
5.06	5.08	5.10	1557.119385	0.113102			1
5.46	5.50	5.50	11596.049805	0.405726			3
Height Summation:			**13153.169190**				
Amount Avg CF:			**0.259414**	Linear:			
Aroclor-1268					3	113.63	
5.85	5.87	5.89	27683.052734	1.079464			3
5.92	5.94	5.95	30056.373047	4.304242			4
6.29	6.31	6.33	20979.84375	0.260547			6
Height Summation:			**78719.269531**				
Amount Avg CF:			**1.881418**	Linear:			

Analysis Report (B)

Injected on : MAY 21, 2013 12:51:19
Instrument : CP 7--19843B
Result file : Hp7127B.035.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 106% (41-146) Conc.: 10.658093
%SSR(DCB) : 114% (39-151) Conc.: 11.538076

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	96.00	
3.28	3.31	3.32	10604.423828	1.679801			2
3.60	3.62	3.64	1609.501587	0.321365			6
Height Summation:			**12213.925415**				
Amount Avg CF:			**1.000583**	Linear:			
Aroclor-1221					1		
2.90	2.90	2.94	4337.834473	1.998155			2
Height Summation:			**4337.834473**				
Amount Avg CF:			**1.998155**	Linear:			
Aroclor-1232					2	88.29	
3.28	3.31	3.32	10604.423828	3.406781			2
3.60	3.62	3.64	1609.501587	0.788044			6
Height Summation:			**12213.925415**				
Amount Avg CF:			**2.097413**	Linear:			
Aroclor-1242					2	93.42	
3.28	3.31	3.32	10604.423828	2.089321			2
3.60	3.62	3.64	1609.501587	0.427057			6
Height Summation:			**12213.925415**				
Amount Avg CF:			**1.258189**	Linear:			
Aroclor-1248					4	60.21	
3.58	3.59	3.62	2098.166016	0.307588			1
+ 3.58	3.62	3.62	1609.501587	0.235951			1
3.71	3.72	3.75	3375.362549	0.395967			2
3.81	3.81	3.85	1159.856201	0.198633			3
4.31	4.33	4.35	4165.019531	0.781086			6
Height Summation:			**10798.404297**				
Amount Avg CF:			**0.420819**	Linear:			
Aroclor-1254					1		
4.31	4.33	4.35	4165.019531	0.271883			3
Height Summation:			**4165.019531**				
Amount Avg CF:			**0.271883**	Linear:			
Aroclor-1260					4	34.65	
4.65	4.69	4.69	2339.35083	0.199121			2
5.01	5.03	5.05	1242.791748	0.123892			4
5.20	5.22	5.24	1832.984253	0.085406			5
5.47	5.48	5.51	2457.001709	0.169166			6
Height Summation:			**7872.128540**				
Amount Avg CF:			**0.144396**	Linear:			
Aroclor-1262					4	27.80	
5.01	5.03	5.05	1242.791748	0.09217			2
5.21	5.22	5.24	1832.984253	0.069769			3
5.47	5.48	5.51	2457.001709	0.134833			5
5.85	5.86	5.89	1098.557617	0.119934			6
Height Summation:			**6631.335327**				
Amount Avg CF:			**0.104177**	Linear:			

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: BLANKA 5/20/13ACF PBLK05140Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 12:51:19
Instrument : CP 7--19843A
Result file : Hp7127.035.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Analysis Report (B)

Injected on : MAY 21, 2013 12:51:19
Instrument : CP 7--19843B
Result file : Hp7127B.035.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**157.66**	
5.47	5.48	5.51	2457.001709	0.08375			2
5.62	5.64	5.66	27750.539063	1.160457			3
5.69	5.71	5.73	30396.232422	4.993914			4
5.85	5.86	5.89	1098.557617	0.111534			5
6.05	6.06	6.09	19966.513672	0.295388			6

Height Summation: **81668.844483**
Amount Avg CF: **1.329009** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		** 106.99	4	40	
Aroclor-1221			17	4.6			3	40	
Aroclor-1232			17	8		** 105.31	4	40	
Aroclor-1242			17	3.3		** 108.44	4	40	
Aroclor-1248			17	3.3		34.24	4	40	
Aroclor-1254			17	3.3		18.22	4	40	
Aroclor-1260			17	4.9		** 82.23	4	40	
Aroclor-1262			17	3.3		** 85.39	4	40	
Aroclor-1268			17	3.3		34.41	4	40	
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 5/20/13ACF ABPBLK05140 BLK 131400005A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/21/2013 12:51:19 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.035.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.571		5078	4453
1.889		1585	1395
1.989		4497	8058
2.027		87710	65306
2.096		2104	1576
2.115		3662	2746
2.213		13309	11700
2.285		23427	15838
2.46		2695	3703
2.592		1936	1155
2.626		8826	5970
2.69		1702	1456
2.766		2624	2043
2.816	TCX	2475152	1575738
2.944		950	1711
2.999		1941	966
3.472		8823	6147
3.539		6264	5174
3.609		1804	2810
3.725		1492	1233
3.847		1453	1217
4.091		1402	940
4.198		1271	3962
4.243		2441	4472
4.518		2799	3173
4.727		2968	5680
4.803		2814	10884
4.965		3930	3836
5.079		1557	1670
5.379		2399	2440
5.431		870	1214
5.5		11596	13296
5.648		5491	6282
5.838		1232	1093
5.872		27683	26910
5.938		30056	34065
6.009		11633	12751
6.311		20980	20569
6.367		130090	153594
6.454	DCB	2214246	2224894
6.54		4386	5154
6.596		5471	11105
6.737		1215	2262
8.367		2185	3949

LANCASTER LABORATORIES

Sample Number: BLANKA 5/20/13ACF ABPBLK05140 BLK 131400005A 10736Injection Volume: 1 ul SW-846 8082
Injected On: 5/21/2013 12:51:19 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.035.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.59		1337	1660
1.723		1466	1374
1.804		1971	1328
1.854		1362	763
1.924		116044	85469
1.969		16691	16085
2.007		2777	2752
2.052		5112	10444
2.11		4801	3511
2.17		35373	21475
2.21		2260	1564
2.275		2276	2700
2.316		2864	1996
2.382		855	737
2.424		1353	1513
2.452		3501	1978
2.495		13356	8615
2.653		4266	2448
2.679	TCX	3226555	1995490
2.799		5094	4082
2.9		4338	2221
2.99		1083	1014
3.016		3497	2452
3.247		1605	1369
3.314		10604	6891
3.391		9286	6245
3.593		2098	1567
3.619		1610	1212
3.725		3375	4391
3.812		1160	5220
3.905		2253	2094
4.167		1819	1650
4.215		5199	9996
4.33		4165	19271
4.541		1425	929
4.688		2339	1825
4.776		3819	2962
4.937		1592	2146
5.03		1243	1150
5.098		1248	1608
5.175		1739	1428
5.222		1833	1493
5.299		12296	10577
5.403		4399	4278
5.483		2457	2803
5.64		27751	27945
5.708		30396	27457
5.766		10360	12057
5.862		1099	1193
6.063		19967	17446
6.124		101447	102904
6.223	DCB	1910805	1753932
6.295		2599	2128
8.465		1359	2567

BLANKA 5/20/13ACF ABPBLK05140 BLK 131400005A 10736 SW-846 8082

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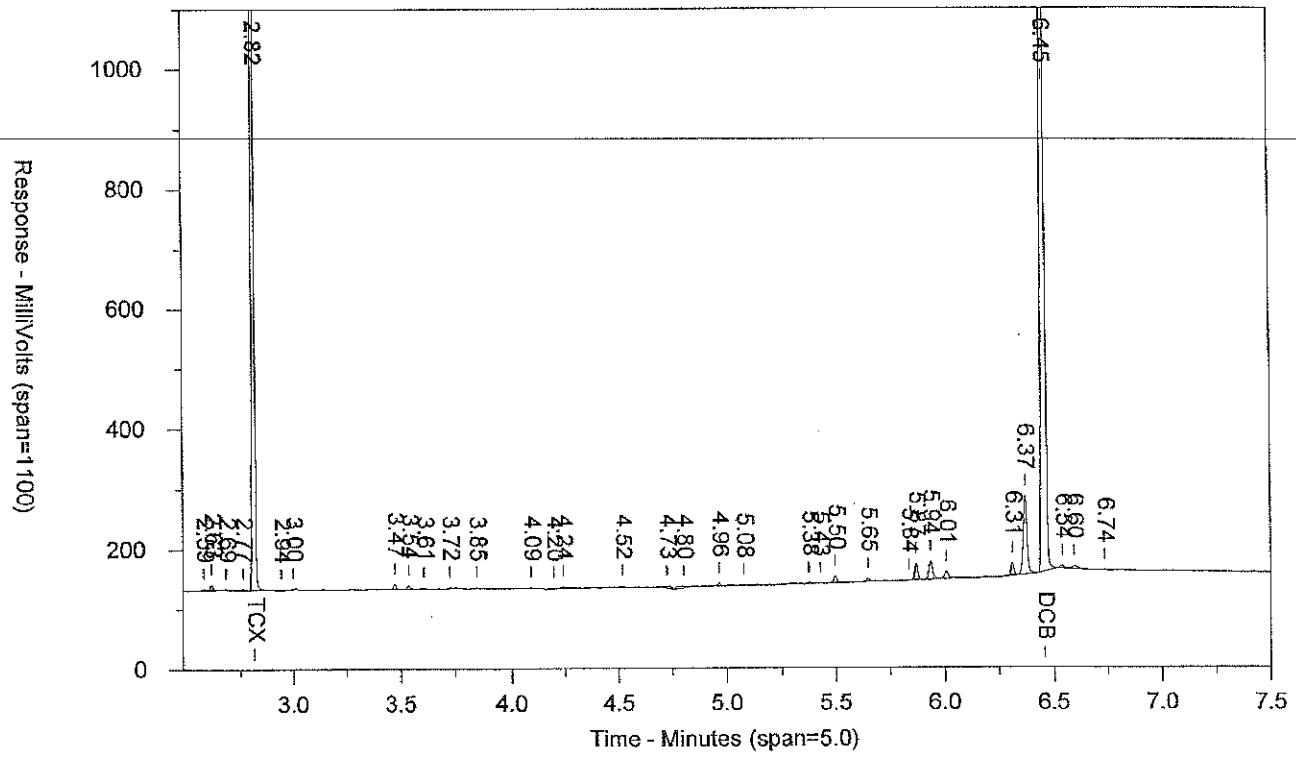

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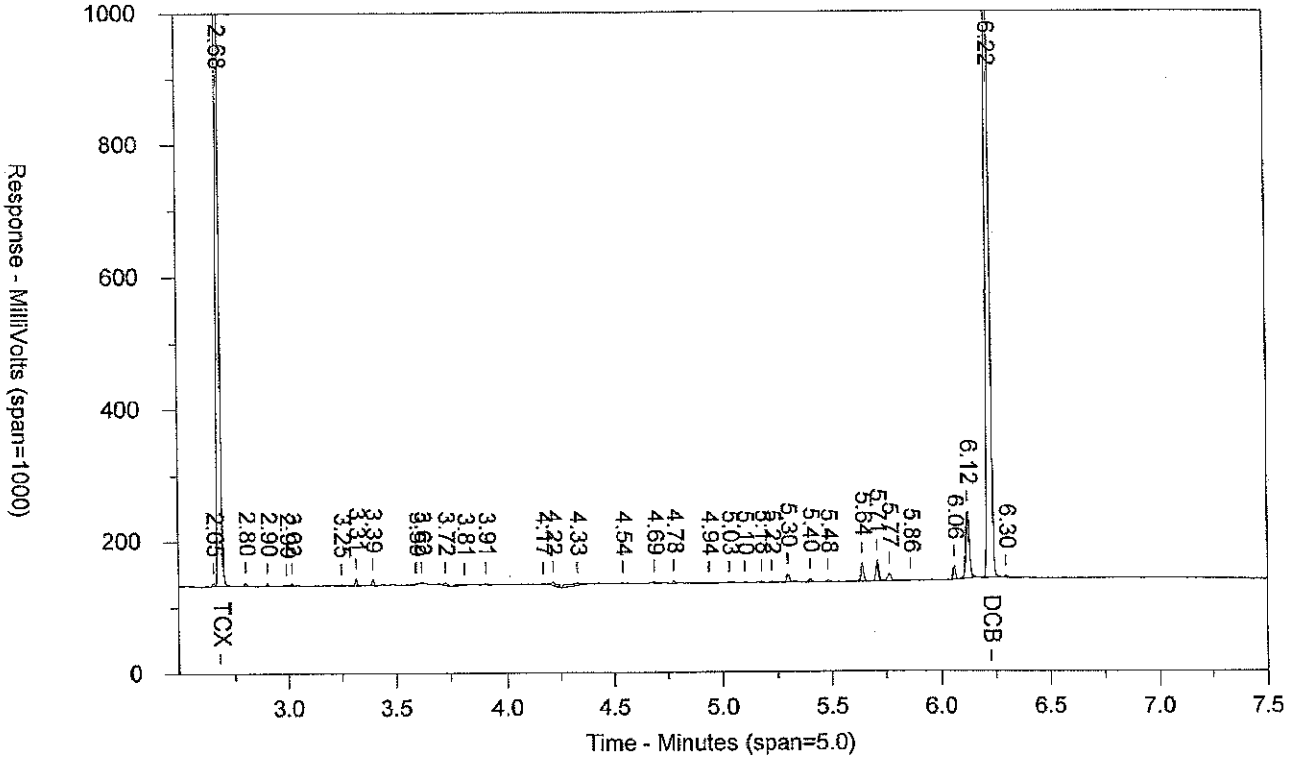

LANCASTER LABORATORIES

Sample Number: BLANKA 5/20/13ACF ABPBLK05140 BLK 131400005A 10736 Sample Weight: 30 SW-846 8082
Injected On: 5/21/2013 12:51:19 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.816	2475152	10.281	TCX	2.679	3226555	10.658	TCX
6.454	2214246	11.03	DCB	6.223	1910805	11.538	DCB

Files:
Area File: Hp7127.035.RAW
Area File: Hp7127B.035.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 1:00:02 PM
File Reported On: 5/21/2013 at 1:00:10 PM

BLANKA 5/20/13ACF ABPBLK05140 BLK 131400005A 10736 SW-846 8082

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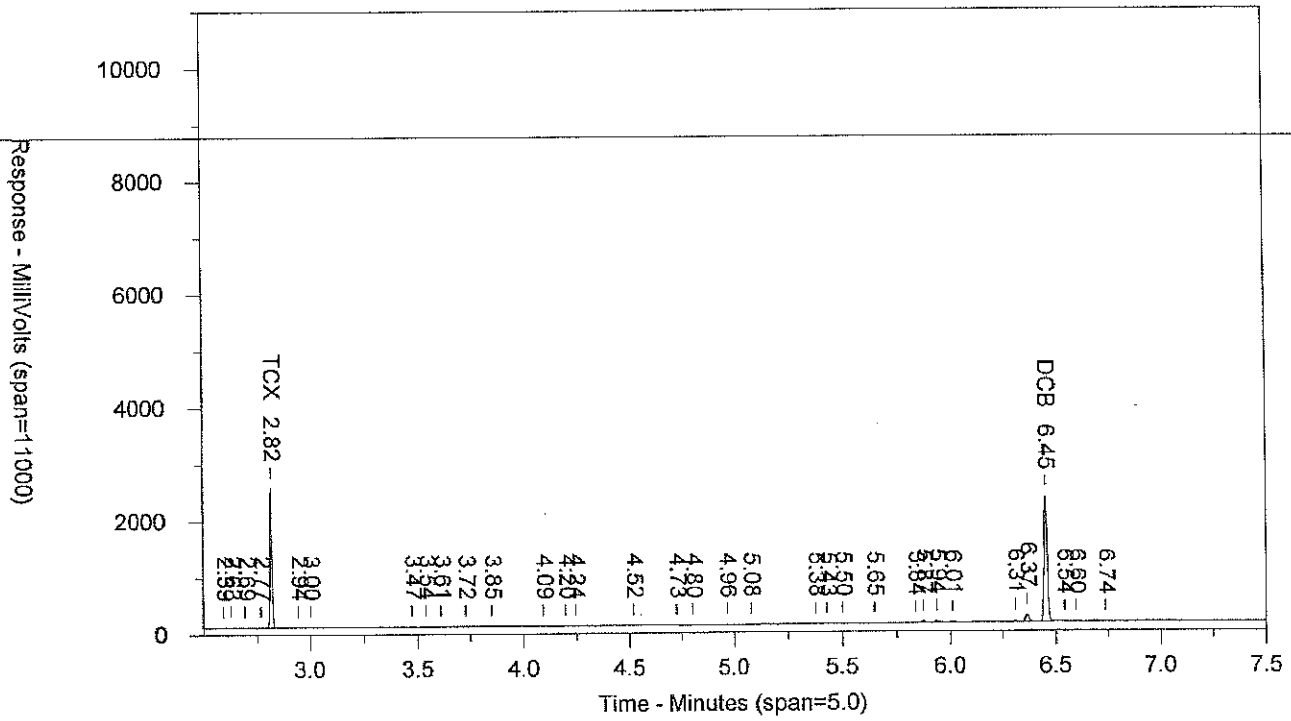

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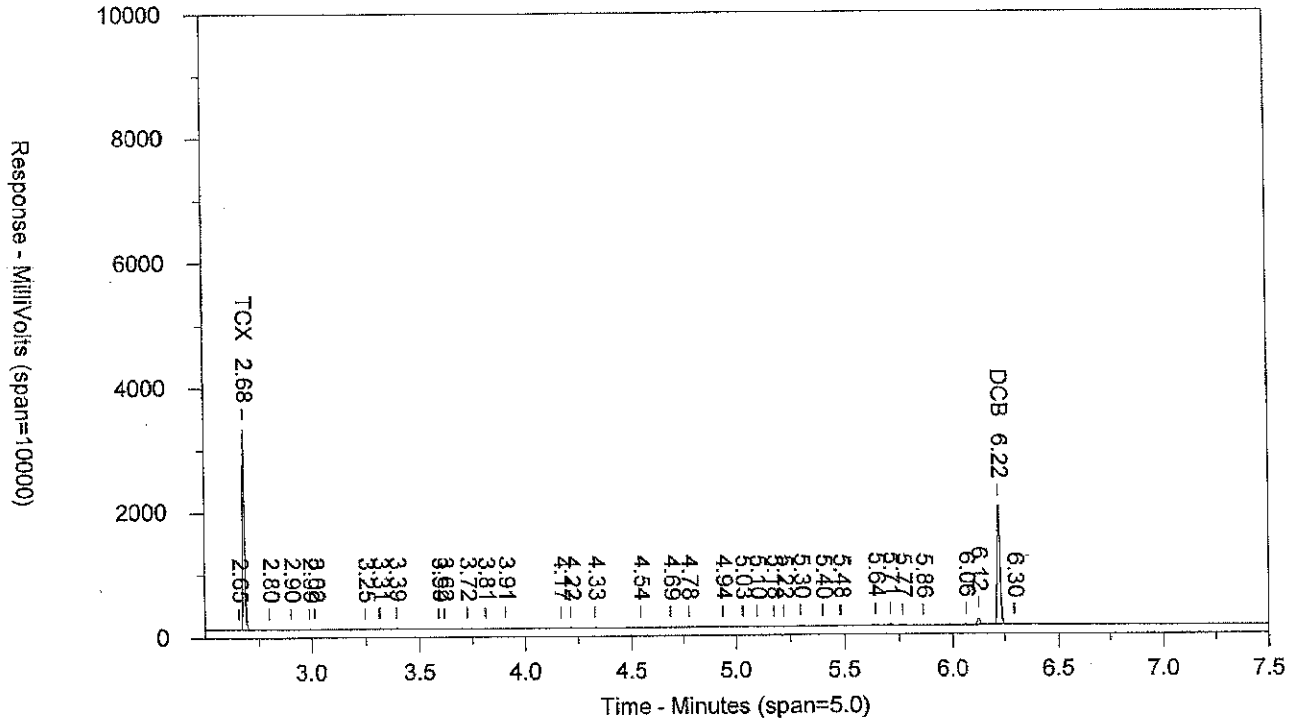

Data Summary

Sample Name: LCSA 5/20/13ACF LCS05140 LCS Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on May 21, 2013 13:02:46
Instrument 19843A
Result file HP7127.036.RAW
Calibration file 1P7127
Method file PESTDI7

%SSR(TCX) 102% (41 - 146) Conc: 10.283482
%SSR(DCB) 108% (39 - 151) Conc: 10.986693

Analysis Report (B)

Injected on May 21, 2013 13:02:46
Instrument 19843B
Result file HP7127B.036.RAW
Calibration file 1P7127B
Method file PESTDI7B

%SSR(TCX) 103% (41 - 146) Conc: 10.379963
%SSR(DCB) 119% (39 - 151) Conc: 12.062191

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.80	2.82	2.84	2475717	10.283482
Decachlorobiphenyl	6.43	6.45	6.47	2205554	10.986693

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.66	2.68	2.70	3142356	10.379963
Decachlorobiphenyl	6.21	6.22	6.24	1997603	12.062191

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	10.379963				0.93	
Decachlorobiphenyl	B	12.062191				9.33	

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**6.76**	
3.05	3.07	3.09	597326.125	147.457916			1
3.38	3.40	3.42	777561.75	148.996124			2
3.55	3.57	3.59	907626.8125	176.738788			3
3.59	3.61	3.63	1003908.5	153.840176			4
3.64	3.67	3.68	903150.8125	159.669656			5
3.83	3.85	3.87	706550.0625	160.363907			6
Height summation:			**4896124.0625**				
Concentration		CF:	**157.844428**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**8.53**	
2.95	2.97	2.99	802490.375	148.230205			1
3.28	3.30	3.32	974441.9375	154.357185			2
3.44	3.46	3.48	1189087	184.381931			3
3.47	3.49	3.51	1038112.1875	155.748355			4
3.55	3.57	3.59	1129640.875	168.579288			5
3.60	3.62	3.64	756587.0625	151.06555			6
Height summation:			**5890359.4375**				
Concentration		CF:	**160.393752**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.80**	
4.59	4.61	4.63	1880383.375	169.724991			1
4.79	4.81	4.82	2333793.25	178.104055			2
4.99	5.01	5.03	2618118.75	183.143885			3
5.22	5.24	5.26	1402868.75	149.674537			4
5.46	5.48	5.50	4156747.25	171.11748			5
5.67	5.69	5.71	2410764.5	166.379949			6
Height summation:			**14802675.875**				
Concentration		CF:	**169.690816**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.49**	
4.55	4.56	4.59	2427200.25	190.680933			1
4.65	4.67	4.69	2100512	178.79186			2
4.78	4.80	4.82	2410357.25	214.135843			3
5.01	5.03	5.05	1559652.5	155.479172			4
5.20	5.22	5.24	3810617.25	177.55108			5
5.47	5.49	5.51	2618554.5	180.288615			6
Height summation:			**14926893.75**				
Concentration		CF:	**182.821251**	L:			

Data Summary

Sample Name: LCSA 5/20/13ACF LCS05140 LCS Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 3172 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on May 21, 2013 13:02:46
Instrument 19843A
Result file HP7127.036.RAW
Calibration file 1P7127
Method file PESTDI7

Analysis Report (B)

Injected on May 21, 2013 13:02:46
Instrument 19843B
Result file HP7127B.036.RAW
Calibration file 1P7127B
Method file PESTDI7B

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Max %RSD	Comments
Aroclor-1016	B	160.393752	17	3.6		1.60	4	40	
Aroclor-1221			<17	<4.6			3	40	
Aroclor-1232			<17	<8			4	40	
Aroclor-1242			<17	<3.3			4	40	
Aroclor-1248			<17	<3.3			4	40	
Aroclor-1254			<17	<3.3			4	40	
Aroclor-1260	B	182.821251	17	4.9		7.45	4	40	
Aroclor-1262			<17	<3.3			4	40	
Aroclor-1268			<17	<3.3			4	40	
Total PCBs	A	343.215003	17	8		200.00			

Units: ug/kg

%RPD = High - Low Amount divided by the Average times 100

Reviewed by: Monica M. Souders
Chemist
Date: MAY 21 2013

Verified by: Valerie L. Tomczyk
Date: MAY 21 2013

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: **LCSA** 5/20/13ACF LCS05140 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7–19843A
Result file : Hp7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

%SSR(TCX) : 102% (41-146) Conc.: 10.283482
%SSR(DCB) : 108% (39-151) Conc.: 10.986693

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**6.76**	
3.05	3.07	3.09	597326.125	147.457916			1
3.38	3.40	3.42	777561.75	148.996124			2
+ 3.55	3.56	3.59	441452.78125	85.962456			3
3.55	3.57	3.59	907626.8125	176.738788			3
3.59	3.61	3.63	1003908.5	153.840176			4
3.64	3.67	3.68	903150.8125	159.669656			5
3.83	3.85	3.87	706550.0625	160.363907			6
Height Summation:			**4896124.062500**				
Amount Avg CF:			**157.844428**	Linear:			
Aroclor-1221					**3**	**38.32**	
2.95	2.97	2.99	97490.640625	49.560592			1
E 3.01	3.02	3.05	130132.66406	81.613461			2
E 3.05	3.07	3.09	597326.125	111.561745			3
Height Summation:			**824949.429688**				
Amount Avg CF:			**80.911933**	Linear:			
Aroclor-1232					**6**	**30.23**	
E 3.05	3.07	3.09	597326.125	124.81896			1
E 3.38	3.40	3.42	777561.75	299.886322			2
E+ 3.55	3.56	3.59	441452.78125	177.671304			3
E 3.55	3.57	3.59	907626.8125	365.292158			3
E 3.59	3.61	3.63	1003908.5	305.277618			4
E 3.64	3.67	3.68	903150.8125	346.327381			5
E 3.83	3.85	3.87	706550.0625	365.842641			6
Height Summation:			**4896124.062500**				
Amount Avg CF:			**301.240847**	Linear:			
Aroclor-1242					**6**	**7.06**	
E 3.05	3.07	3.09	597326.125	176.024814			1
E 3.38	3.40	3.42	777561.75	189.292092			2
E+ 3.55	3.56	3.59	441452.78125	102.453527			3
E 3.55	3.57	3.59	907626.8125	210.644427			3
E 3.59	3.61	3.63	1003908.5	186.397758			4
E 3.64	3.67	3.68	903150.8125	209.519557			5
E 3.83	3.85	3.87	706550.0625	200.345955			6
Height Summation:			**4896124.062500**				
Amount Avg CF:			**195.370767**	Linear:			
Aroclor-1248					**6**	**39.26**	
3.71	3.73	3.75	619572.8125	105.521649			1
3.83	3.85	3.87	706550.0625	102.441532			2
3.92	3.94	3.96	722469.5	123.170756			3
+ 4.09	4.09	4.13	735835.375	108.745511			4
4.09	4.11	4.13	175449.78125	25.928865			4
4.22	4.24	4.26	746828.5	131.070157			5
4.47	4.49	4.51	440610.84375	87.232267			6
Height Summation:			**3411481.500000**				
Amount Avg CF:			**95.894204**	Linear:			

Analysis Report (B)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7–19843B
Result file : Hp7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

%SSR(TCX) : 103% (41-146) Conc.: 10.379963
%SSR(DCB) : 119% (39-151) Conc.: 12.062191

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**8.53**	
2.95	2.97	2.99	802490.375	148.230205			1
3.28	3.30	3.32	974441.9375	154.357185			2
+ 3.44	3.45	3.48	371006.03125	57.528851			3
3.44	3.46	3.48	1189087	184.381931			3
+ 3.47	3.48	3.51	23548.400391	3.532975			4
3.47	3.49	3.51	1038112.1875	155.748356			4
3.55	3.57	3.59	1129640.875	168.579288			5
3.60	3.62	3.64	756587.0625	151.06555			6
+ 3.60	3.64	3.64	231822.0625	46.287241			6
Height Summation:			**5890359.437500**				
Amount Avg CF:			**160.393752**	Linear:			
Aroclor-1221					**3**	**36.96**	
2.83	2.85	2.87	153534.65625	50.314816			1
E 2.90	2.91	2.94	177785.01562	81.893859			2
E 2.95	2.97	2.99	802490.375	109.95813			3
Height Summation:			**1133810.046875**				
Amount Avg CF:			**80.722268**	Linear:			
Aroclor-1232					**6**	**32.60**	
E 2.95	2.97	2.99	802490.375	123.47383			1
E 3.28	3.30	3.32	974441.9375	313.049576			2
E+ 3.44	3.45	3.48	371006.03125	130.930058			3
E 3.44	3.46	3.48	1189087	419.635307			3
+ 3.47	3.48	3.51	23548.400391	6.861512			4
E 3.47	3.49	3.51	1038112.1875	302.484207			4
E 3.55	3.57	3.59	1129640.875	353.046423			5
E 3.60	3.62	3.64	756587.0625	370.440199			6
E+ 3.60	3.64	3.64	231822.0625	113.504731			6
Height Summation:			**5890359.437500**				
Amount Avg CF:			**313.688257**	Linear:			
Aroclor-1242					**6**	**9.99**	
E 2.95	2.97	2.99	802490.375	175.923968			1
E 3.28	3.30	3.32	974441.9375	191.988024			2
E+ 3.44	3.45	3.48	371006.03125	72.762331			3
E 3.44	3.46	3.48	1189087	233.205756			3
+ 3.47	3.48	3.51	23548.400391	4.220813			4
E 3.47	3.49	3.51	1038112.1875	186.071122			4
E 3.55	3.57	3.59	1129640.875	206.371202			5
E 3.60	3.62	3.64	756587.0625	200.748791			6
+ 3.60	3.64	3.64	231822.0625	61.510434			6
Height Summation:			**5890359.437500**				
Amount Avg CF:			**199.051477**	Linear:			
Aroclor-1248					**6**	**50.34**	
3.58	3.60	3.62	728601.4375	106.812041			1
3.71	3.73	3.75	976903.5	114.601395			2
+ 3.81	3.81	3.85	159720.45312	27.353185			3
3.81	3.82	3.85	782518.1875	134.011418			3
3.94	3.96	3.98	1057210.75	92.136425			4
4.08	4.10	4.12	35240.972656	6.751108			5
+ 4.08	4.11	4.12	57845.730469	11.081499			5
+ 4.31	4.31	4.35	183794.3125	34.46782			6
4.31	4.34	4.35	816333.9375	153.090977			6
Height Summation:			**4396808.785156**				
Amount Avg CF:			**101.233894**	Linear:			

Lancaster Laboratories Multiple Component Peak Data Report

Sample Name: **LCSA** 5/20/13ACF LCS05140 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7–19843A
Result file : Hp7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	94.80	
4.22	4.24	4.26	746828.5	69.281733			1
4.41	4.44	4.45	310661.65625	39.696253			2
4.47	4.49	4.51	440610.84375	28.092113			3
4.68	4.70	4.72	222035.84375	20.815978			4
4.87	4.90	4.91	1115437.125	130.159718			5
4.99	5.01	5.03	2618118.75	234.890679			6
Height Summation:			**5453692.718750**				
Amount Avg CF:			**87.156079**	Linear:			
Aroclor-1260					6	6.80	
4.59	4.61	4.63	1880383.375	169.724991			1
4.79	4.81	4.82	2333793.25	178.104055			2
4.99	5.01	5.03	2618118.75	183.143885			3
5.22	5.24	5.26	1402868.75	149.674537			4
5.46	5.48	5.50	4156747.25	171.11748			5
5.67	5.69	5.71	2410764.5	166.379949			6
Height Summation:			**14802675.875000**				
Amount Avg CF:			**169.690816**	Linear:			
Aroclor-1262					6	44.18	
E 5.06	5.08	5.10	1368657	99.412852			1
E 5.22	5.24	5.26	1402868.75	115.630184			2
E 5.46	5.48	5.50	4156747.25	145.437356			3
E 5.66	5.69	5.70	2410764.5	130.841325			4
+ 5.72	5.73	5.76	69495.609375	8.233882			5
5.72	5.74	5.76	156316.53125	18.520477			5
E 6.09	6.11	6.13	940370.625	95.054334			6
Height Summation:			**10435724.656250**				
Amount Avg CF:			**100.816088**	Linear:			
Aroclor-1268					6	130.91	
E 5.66	5.69	5.70	2410764.5	70.595619			1
+ 5.72	5.73	5.76	69495.609375	2.486094			2
5.72	5.74	5.76	156316.53125	5.591974			2
5.85	5.87	5.89	95339.570313	3.71764			3
5.92	5.94	5.95	50688.335938	7.258856			4
E 6.09	6.11	6.13	940370.625	92.224799			5
6.29	6.31	6.33	318131.875	3.950848			6
Height Summation:			**3971611.437501**				
Amount Avg CF:			**30.556623**	Linear:			

Analysis Report (B)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7–19843B
Result file : Hp7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	110.00	
4.04	4.06	4.08	815023	74.64334			1
4.25	4.27	4.29	194699.76562	21.845426			2
+ 4.31	4.31	4.35	183794.3125	11.997659			3
4.31	4.34	4.35	816333.9375	53.288355			3
4.48	4.49	4.52	150121.57812	15.092878			4
4.70	4.73	4.74	228140.95312	30.784387			5
4.78	4.80	4.82	2410357.25	216.019508			6
Height Summation:			**4614676.484375**				
Amount Avg CF:			**68.612316**	Linear:			
Aroclor-1260					6	10.49	
4.55	4.56	4.59	2427200.25	190.680933			1
4.65	4.67	4.69	2100512	178.79186			2
4.78	4.80	4.82	2410357.25	214.135843			3
5.01	5.03	5.05	1559652.5	155.479172			4
5.20	5.22	5.24	3810617.25	177.55108			5
5.47	5.49	5.51	2618554.5	180.288615			6
Height Summation:			**14926893.750000**				
Amount Avg CF:			**182.821251**	Linear:			
Aroclor-1262					6	26.86	
E 4.82	4.83	4.86	1177639.625	90.564639			1
E 5.01	5.03	5.05	1559652.5	115.670161			2
E 5.21	5.22	5.24	3810617.25	145.044451			3
E 5.42	5.44	5.46	721878.625	70.410834			4
E 5.47	5.49	5.51	2618554.5	143.698656			5
E 5.85	5.86	5.89	915946.3125	99.997196			6
Height Summation:			**10804288.812500**				
Amount Avg CF:			**110.897656**	Linear:			
Aroclor-1268					6	113.77	
5.42	5.44	5.46	721878.625	24.281274			1
E 5.47	5.49	5.51	2618554.5	89.256286			2
5.62	5.64	5.66	98025.84375	4.09919			3
5.69	5.71	5.73	52306.230469	8.593592			4
E 5.85	5.86	5.89	915946.3125	92.994241			5
6.05	6.06	6.09	292313.53125	4.32453			6
Height Summation:			**4699025.042969**				
Amount Avg CF:			**37.258186**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		1.60	4	40	
Aroclor-1221			17	4.6	E	0.23	3	40	
Aroclor-1232			17	8	E	4.05	4	40	
Aroclor-1242			17	3.3	E	1.87	4	40	
Aroclor-1248			17	3.3		5.42	4	40	
Aroclor-1254			17	3.3		23.81	4	40	
Aroclor-1260			17	4.9		7.45	4	40	
Aroclor-1262			17	3.3	E	9.52	4	40	
Aroclor-1268			17	3.3	E	19.76	4	40	

Lancaster Laboratories-Multiple Component Peak Data Report

Sample Name: LCSA 5/20/13ACF LCS05140 Sample ID: AB **Batchnumber: 131400005A**
Sample Amount: 30 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7--19843A
Result file : Hp7127.036.RAW
Calibration file : 1p7127.CAL
Method file : PESTDI7.MET

Analysis Report (B)

Injected on : MAY 21, 2013 13:02:46
Instrument : CP 7--19843B
Result file : Hp7127B.036.RAW
Calibration file : 1p7127b.CAL
Method file : PESTDI7B.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Total PCBs			17	8					

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 5/20/13ACF ABLCS05140 LCS 131400005A 10736 Injection Volume: 1 uSW-846 8082
Injected On: 5/21/2013 1:02:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @20c/min, to 330c @ 30c/min for 2 min.
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127.036.RAW
Method File: PESTDI7.MET
Calibration File: 1p7127.CAL

RT A	Compound A	Height A	Area A
1.572		3566	3477
1.89		1432	1253
1.989		4475	7829
2.027		73850	55230
2.115		3690	2883
2.213		13704	12030
2.284		20658	13903
2.385		1112	1775
2.459		9334	7492
2.592		1882	1259
2.626		7090	5403
2.734		1466	943
2.765		2302	2000
2.815	TCX	2475717	1567420
2.967		97491	79267
3.024		130133	89758
3.071		597326	410658
3.163		79113	53105
3.203		1982	1210
3.283		642892	380236
3.3		294244	153594
3.337		75823	43150
3.351		15404	5607
3.367		55075	31136
3.397		777562	575711
3.433		4215	2119
3.47		33032	22975
3.506		173881	98171
3.52		82211	38885
3.564		441453	230472
3.574		907627	444314
3.609		1003909	746717
3.665		903151	652817
3.703		72435	48687
3.73		619573	427698
3.756		460230	366259
3.777		128362	68748
3.851		706550	480352
3.874		230317	145790
3.903		259852	181303
3.938		722470	689324
3.975		214491	174171
4.021		32721	26366
4.06		39196	33505
4.093		735835	527406
4.112		175450	100886
4.134		210613	149831
4.201		104928	93062
4.244		746829	687983
4.276		15024	9595
4.338		4655	3607
4.378		44891	42373
4.443		310662	421148

RT A	Compound A	Height A	Area A
4.489		440611	389360
4.535		808407	878387
4.571		166230	120268
4.61		1880383	1706027
4.657		5810	5324
4.696		222036	257620
4.726		14447	8754
4.755		308905	285970
4.807		2333793	2771922
4.854		424252	387766
4.897		1115437	1201908
4.939		8639	4516
4.976		202853	239519
5.011		2618119	2495884
5.034		71446	38351
5.077		1368657	1247437
5.12		837264	795929
5.216		191838	170145
5.24		1402869	1268908
5.299		734157	694560
5.338		408381	382746
5.379		79574	79324
5.424		521771	517154
5.48		4156747	3915497
5.516		29637	14618
5.687		2410765	2320898
5.731		69496	167060
5.74		156317	113114
5.837		2195	1674
5.872		95340	96970
5.935		50688	36829
5.957		345064	306369
6.009		6320	5391
6.113		940371	925133
6.157		61680	59258
6.311		318132	330070
6.367		77885	84763
6.454	DCB	2205554	2264379
6.537		2793	2774
8.362		2128	4164

LANCASTER LABORATORIES

Sample Number: LCSA 5/20/13ACF ABLCS05140 LCS 131400005A 10736 Injection Volume: 1 ul SW-846 8082
Injected On: 5/21/2013 1:02:46 PM Analyst: 2855
Instrument ID: CP7-19843A
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: Hp7127B.036.RAW
Method File: PESTDI7B.MET
Calibration File: 1p7127b.CAL

RT B	Compound B	Height B	Area A
1.722		1813	2619
1.803		2143	1612
1.852		1229	1134
1.923		96645	72511
1.969		17632	17010
2.006		3072	2597
2.052		5540	11431
2.109		4431	3473
2.17		30209	18801
2.208		1990	1430
2.266		2195	2096
2.315		2844	4064
2.36		9888	7576
2.424		1324	1316
2.451		2926	1719
2.495		10554	6802
2.635		1673	951
2.653		3781	1922
2.68	TCX	3142356	1980124
2.725		77102	60434
2.8		5043	4023
2.852		153535	105652
2.914		177785	117647
2.967		802490	528847
3.017		3075	2106
3.08		110651	73771
3.175		1043156	1075609
3.227		127897	83195
3.249		56280	31870
3.273		95755	55276
3.299		974442	712201
3.334		34083	20701
3.38		258437	140625
3.396		141441	70228
3.447		371006	187098
3.456		1189087	573094
3.478		23548	9132
3.491		1038112	745190
3.566		1129641	752629
3.6		728601	457125
3.624		756587	435871
3.641		231822	117620
3.729		976904	664631
3.753		291206	171820
3.774		320462	204344
3.806		159721	88805
3.824		782518	492005
3.868		271066	218286
3.913		40585	33903
3.935		217714	140430
3.958		1057211	709323
3.984		218393	139556
4.005		27077	13198
4.023		110451	71557

4.06		815023	612620
4.097		35241	23027
4.113		57846	47387
4.174		5989	5591
4.21		49412	54078
4.269		194700	152231
4.314		183794	112603
4.344		816334	787529
4.372		367292	367715
4.425		2036010	1635117
4.471		30272	23092
4.495		150122	106106
4.52		448153	353311
4.564		2427200	2004316
4.671		2100512	1977840
4.727		228141	206809
4.764		545929	478361
4.802		2410357	2084506
4.834		1177640	876845
4.874		820157	684640
4.942		3934	3906
4.976		298513	316335
5.03		1559653	1318308
5.055		151134	104809
5.105		826060	783097
5.14		397662	318862
5.168		278873	237515
5.202		68236	41549
5.224		3810617	3223613
5.264		78812	62103
5.299		134729	120084
5.377		2025	1381
5.415		34837	23320
5.439		721879	633613
5.485		2618555	2678163
5.604		2131	1400
5.641		98026	87802
5.683		62688	49681
5.709		52306	41041
5.759		402050	367120
5.864		915946	785429
5.895		45451	34358
6.064		292314	271809
6.124		56307	55964
6.223	DCB	1997603	1791545
6.879		1100	1412
8.469		1307	2498

LCSA 5/20/13ACF ABLCS05140 LCS 131400005A 10736 SW-846 8082

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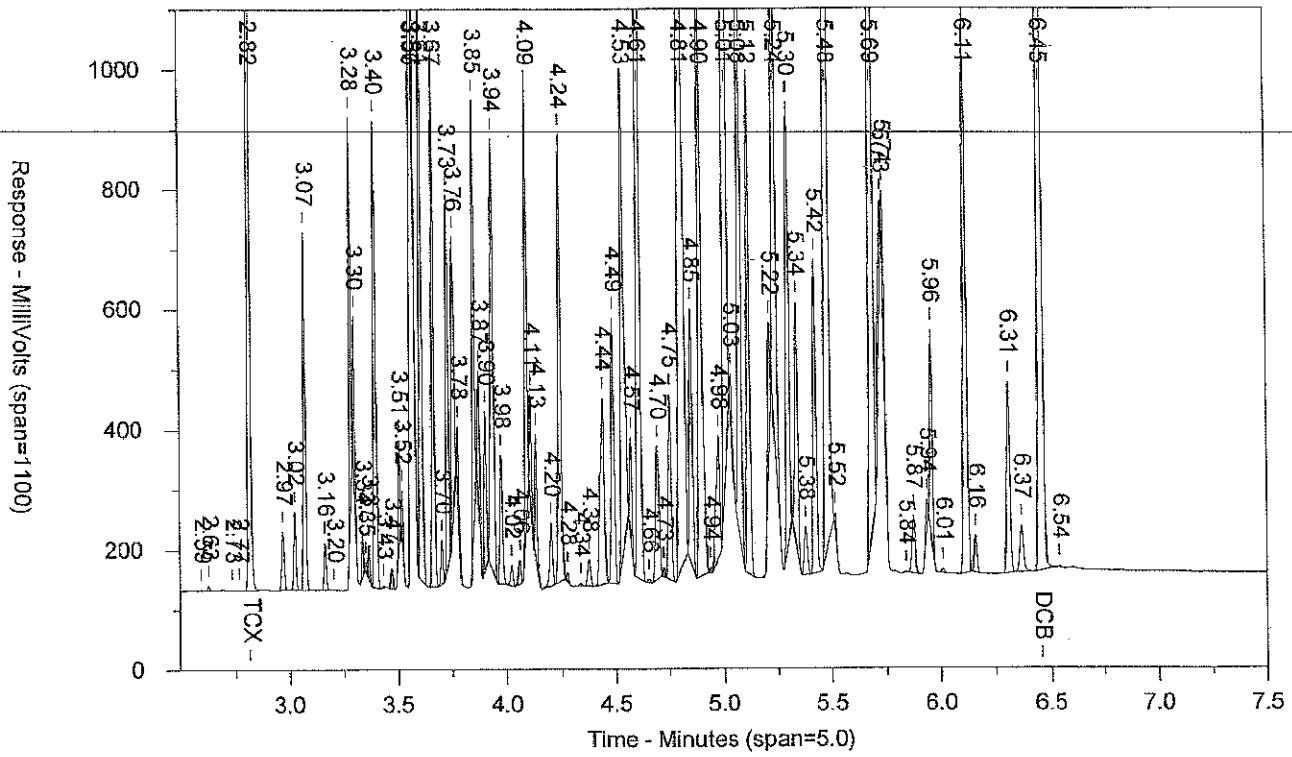

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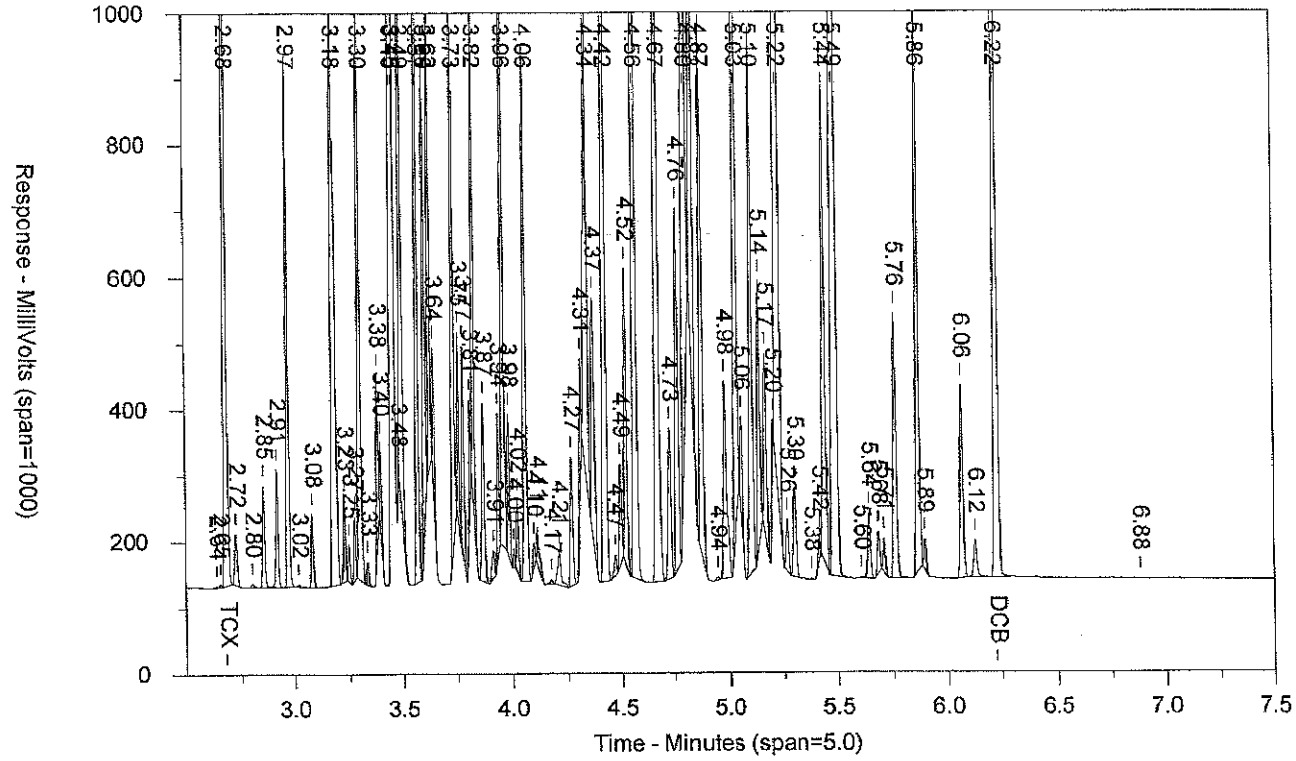


LANCASTER LABORATORIES

Sample Number: LCSA 5/20/13ACF ABLCS05140 LCS 131400005A 10736 Sample Weight: 30 SW-846 8082
Injected On: 5/21/2013 1:02:46 PM Dilution Factor: 10
Instrument ID: CP7-19843A
Oven Parameters: 140c to 300 @ 10c/min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Injection Volume: 1 ul

Threshold: 6
Calibration Type: external
Quantitation: Height

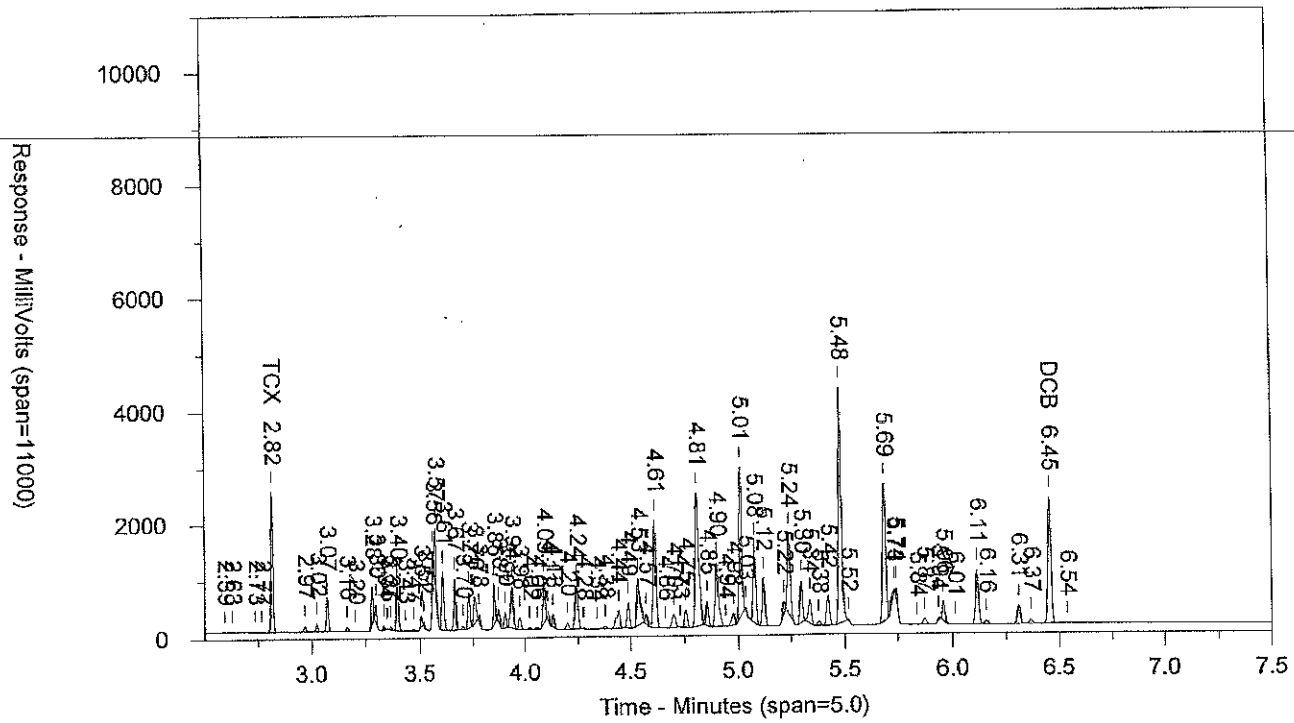
Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.815	2475717	10.283	TCX	2.68	3142356	10.38	TCX
6.454	2205554	10.987	DCB	6.223	1997603	12.062	DCB

Files:
Area File: Hp7127.036.RAW
Area File: Hp7127B.036.RAW
Method A: PESTDI7.MET
Method B: PESTDI7B.MET
Calibration File A: 1p7127.CAL
Calibration File B: 1p7127b.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 5/21/2013 1:11:28 PM
File Reported On: 5/21/2013 at 1:11:36 PM

LCSA 5/20/13ACF ABLCS05140 LCS 131400005A 10736 SW-846 8082

—— \\USLAN-CHROMPERF\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\Hp7127.036.RAW



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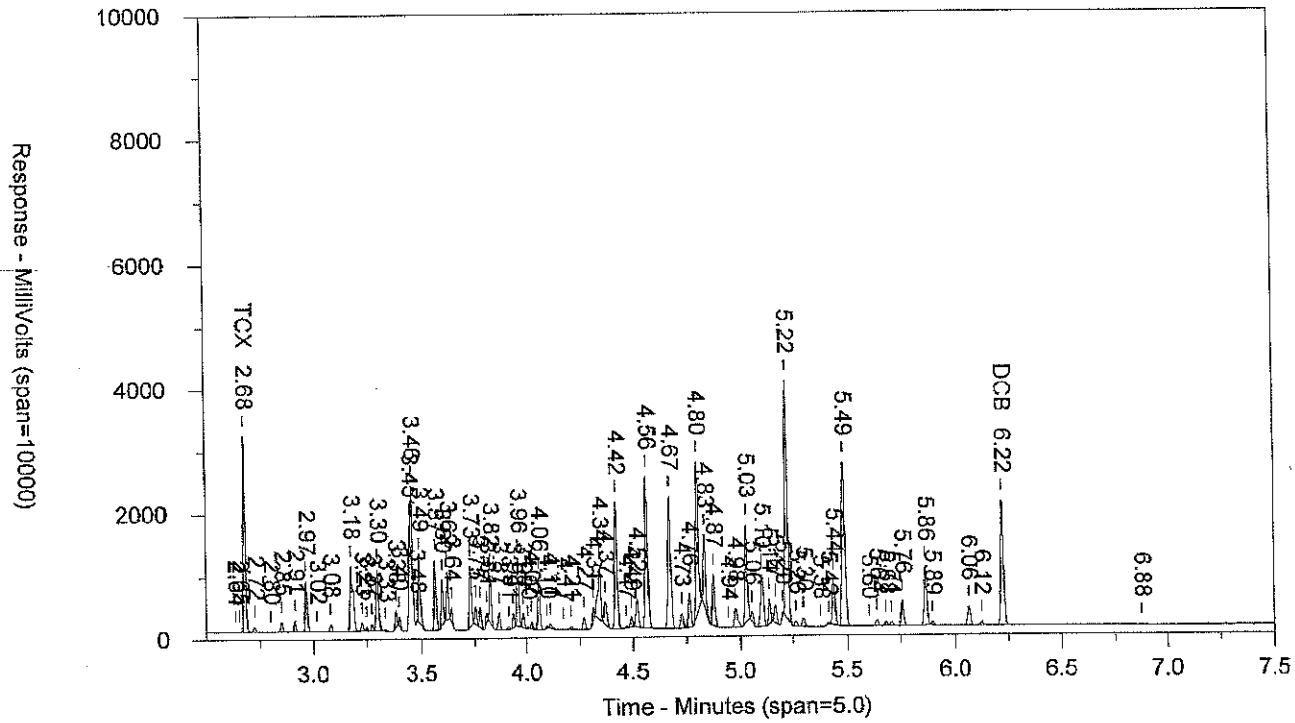

Extraction/Distillation/Digestion Logs

Polychlorinated Biphenyls (PCBs)

Organic Extraction Batchlog Assigned to: 504 Sally Appleyard

131340008A

Reviewed by: MJ3in Start Date: 5/14/13 Start time: 1814

Tech 1: SLA-504 Tech 2:

(3) SA/504 5/14/13 1850502/3A

Dept: 24	Prep Analysis: 10497 PCB Microwave Soil Extraction							PCBs in Soil (microwave)			
QC	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
7051107MS	S8408	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z	34	wet, gritty
7051108MSD	S8408	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z	34	↓
BLANKA	PBLK08134	30	SS1312824A	1.0			10	Z	Z		
LCSA	LCS08134	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z		

Solvent Used	Lot No.
1:1 Methylene Chloride/Acetone	~~1850502/3A~~
Hexane	34879
Sodium Sulfate	13134A

Spike Solutions: Witness: N/A

MS1310224B PCB SPIKE

SS1312824A SW846 SURROGATE STANDARI

	Sample #	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	FV (mL	pH	pH	BC	Comments	Analyses	Due Date	Prio
1	7051098	S6514	30	SS1312824A	1.0	10	Z	Z	34	wet, gritty	10736	05/21/2013	N
2	7051099	S8306	30	SS1312824A	1.0	10	Z	Z	34	moist gritty	10736	05/21/2013	N
3	7051100	S8308	30	SS1312824A	1.0	10	Z	Z	34	wet, gritty	10736	05/21/2013	N
4	7051101	S8310	30	SS1312824A	1.0	10	Z	Z	34	wet, gritty, stones	10736	05/21/2013	N
5	7051102	S8312	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
6	7051103	S8314	30	SS1312824A	1.0	10	Z	Z	34	moist, gritty	10736	05/21/2013	N
7	7051104	S8316	30	SS1312824A	1.0	10	Z	Z	34	moist clumpy	10736	05/21/2013	N
8	7051105	S8406	30	SS1312824A	1.0	10	Z	Z	34	moist, gritty	10736	05/21/2013	N
9	7051106BKG	S8408	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
10	7051109	SBFD8	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
11	7051110	S8410	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
12	7051111	S8412	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
13	7051112	S8414	30	SS1312824A	1.0	10	Z	Z	34	salt SLA	10736	05/21/2013	N
14	7051113	S8506	30	SS1312824A	1.0	10	Z	Z	34	moist, gritty	10736	05/21/2013	N
15	7051114	S8508	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
16	7051115	S8510	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
17	7051116	S8512	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
18	7051117	S8514	30	SS1312824A	1.0	10	Z	Z	34		10736	05/21/2013	N
19	7052499	1339A	30	SS1312824A	1.0	10	Z	Z	34		10736	05/22/2013	N
20	7052500	1339B	30	SS1312824A	1.0	10	Z	Z	34		10736	05/22/2013	N

N/A SLA 5/14/13

Rack ID:		Work Station	Micro
Internal Standard		Balance #	17604

S-bath ID	97 C	S-bath ID	C	N-Evap	C	M-vap	C	131340008A

Documented temps are NIST corrected.

DF = Dilution Factor FV = Final Volume

Prep-Process Worksheet

Acid Cleanup

Prep: 10497 PCB Microwave Soil Extraction

Batch No: 131340008A

Verified: MJ 3/12
Start Date: 5/15/13
Start Time: 12:15
Tech 1: SLA-504
Tech 2:

	Sample #	QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051098		10	10				10736
2	7051099		10	10				10736
3	7051100		10	10				10736
4	7051101		10	10				10736
5	7051102		10	10				10736
6	7051103		10	10				10736
7	7051104		10	10				10736
8	7051105		10	10				10736
9	7051106		10	10				10736
10	7051107	MS	10	10				10736
11	7051108	MSD	10	10				10736
12	7051109		10	10				10736
13	7051110		10	10				10736
14	7051111		10	10				10736
15	7051112		10	10				10736
16	7051113		10	10				10736
17	7051114		10	10				10736
18	7051115		10	10				10736
19	7051116		10	10				10736
20	7051117		10	10				10736
21	7052499		10	10				10736
22	7052500		10	10				10736
23	BLANKA		10	10				
24	LCSA		10	10				

MJ SLA 5/16/13

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		H2SO4	130536

Page 1 of 1

Prep-Process Worksheet

Florisil
Prep: 10497 PCB Microwave Soil Extraction
Batch: 131340008A

Verified: [illegible]
Start Date: 5/15/13
Start Time: 1230
Tech 1: SLA-504
Tech 2:

	Sample #	QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051098		2	2				10736
2	7051099		2	2				10736
3	7051100		2	2				10736
4	7051101		2	2				10736
5	7051102		2	2				10736
6	7051103		2	2				10736
7	7051104		2	2				10736
8	7051105		2	2				10736
9	7051106		2	2				10736
10	7051107	MS	2	2				10736
11	7051108	MSD	2	2				10736
12	7051109		2	2				10736
13	7051110		2	2				10736
14	7051111		2	2				10736
15	7051112		2	2				10736
16	7051113		2	2				10736
17	7051114		2	2				10736
18	7051115		2	2				10736
19	7051116		2	2				10736
20	7051117		2	2				10736
21	7052499		2	2				10736
22	7052500		2	2				10736
23	BLANKA		2	2				
24	LCSA		2	2				

[illegible] SLA 5/15/13

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Florisil	01/6/10 B

S-Evap/bath	C	S-Evap/bath	C	N-Evap	C

The documented temperatures are NIST corrected.

Prep-Process Worksheet

Copper

Prep: 10497 PCB Microwave Soil Extraction

Batch No: 131340008A

Verified: [illegible]
Start Date: 5/15/13
Start Time: 1:45
Tech 1: [illegible]
Tech 2:

	Sample #	QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051098		1	1				10736
2	7051099		1	1				10736
3	7051100		1	1				10736
4	7051101		1	1				10736
5	7051102		1	1				10736
6	7051103		1	1				10736
7	7051104		1	1				10736
8	7051105		1	1				10736
9	7051106		1	1				10736
10	7051107	MS	1	1				10736
11	7051108	MSD	1	1				10736
12	7051109		1	1				10736
13	7051110		1	1				10736
14	7051111		1	1				10736
15	7051112		1	1				10736
16	7051113		1	1				10736
17	7051114		1	1				10736
18	7051115		1	1				10736
19	7051116		1	1				10736
20	7051117		1	1				10736
21	7052499		1	1				10736
22	7052500		1	1				10736
23	BLANKA		1	1				
24	LCSA		1	1				

[illegible] 6/15/13

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Copper	115050AU

Page 1 of 1

Organic Extraction Batchlog Assigned to: 1364 JoElla Rice

Reviewed by: MJSM Start Date: 5-20-13 Start time: 16:50

Tech 1: MBLK Tech 2:

131400005A

Dept: 24 Prep Analysis: 10497 PCB Microwave Soil Extraction PCBs in Soil (microwave)

QC	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
7057656MSD	WSTE-MSD	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z	20A	moist soil
7057656MS	WSTE-MS	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z	20A	↓
BLANKA	PBLK05140	30	SS1312824A	1.0	—	—	10	Z	Z	–	Na2 SO4
LCSA	LCS05140	30	SS1312824A	1.0	MS1310224B	1.0	10	Z	Z	–	↓

Solvent Used	Lot No.
1:1 Methylene Chloride/Acetone	185050213A
Hexane	34879
Sodium Sulfate	13137A

Spike Solutions: MS1310224B SS1312824A

Witness: N/A PCB SPIKE SW846 SURROGATE STANDARI

N/A MBLK 5-20-13

Sample #	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	List	Due Date	Prio
1 7051104 R	S8316	30	SS1312824A	1.0	10	Z	Z	34A	wet soil	10736	1525	05/21/2013	N
2 7057656	WSTE-	30	SS1312824A	1.0	10	Z	Z	20A	moist soil	10736	1525	05/24/2013	P
3 7057668	WC01-	30	SS1312824A	1.0	10	Z	Z	20A	mud/stones	10736	1525	05/24/2013	P
4 7061544 ✓	DNJ01	15	SS1312824A	1.0	10	Z	Z	20A	wet mud	10736	1525	05/24/2013	S
5 7061545 ✓	DNJ02	15	SS1312824A	1.0	10	Z	Z	20A	↓	10736	1525	05/24/2013	S
6 7061546 ✓	DNJ03	15	SS1312824A	1.0	10	Z	Z	20A	↓	10736	1525	05/24/2013	S
7 7061547	DNJ04	30	SS1312824A	1.0	10	Z	Z	20A	mud	10736	1525	05/24/2013	S
8 7061548	DNJ05	30	SS1312824A	1.0	10	Z	Z	20A	↓	10736	1525	05/24/2013	S
9 7061549	DNJ06	30	SS1312824A	1.0	10	Z	Z	20A	↓	10736	1525	05/24/2013	S
10 7061550 ✓	DNJ07	15	SS1312824A	1.0	10	Z	Z	20A	wet mud	10736	1525	05/24/2013	S
11 7061551	DNJ08	30	SS1312824A	1.0	10	Z	Z	20A	mud	10736	1525	05/24/2013	S

N/A MBLK 5-20-13

✓ Reduced volume due to poor sample matrix

Rack ID:		Work Station	Micro 17425
Internal Standard		Balance #	17609

S-bath ID 13	97 C	S-bath ID	C	N-Evap	C	M-vap	C	131400005A

Documented temps are NIST corrected.

DF = Dilution Factor FV = Final Volume

Prep-Process Worksheet

Acid Cleanup

Prep: 10497 PCB-Microwave Soil Extraction

Batch No: 131400005A

Verified: MJSM
Start Date: 5-20-13
Start Time: 20:00
Tech 1: DBLY
Tech 2:

	Sample #	QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051104		10	10				10736
2	7057656		10	10				10736
3	7057656	MS	10	10				10736
4	7057656	MSD	10	10				10736
5	7057668		10	10				10736
6	7061544		10	10				10736
7	7061545		10	10				10736
8	7061546		10	10				10736
9	7061547		10	10				10736
10	7061548		10	10				10736
11	7061549		10	10				10736
12	7061550		10	10				10736
13	7061551		10	10				10736
14	BLANKA		10	10				
15	LCSA		10	10				

N/A DBLY 5-20-13

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		H_2SO_4	130536

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Prep-Process Worksheet

Florisil
Prep: 10497 PCB Microwave Soil Extraction
Batch: 131400005A

Verified: NJ3M
Start Date: 5-20-13
Start Time: 21:00
Tech 1: DBL4
Tech 2:

	Sample #	QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051104		2	2				10736
2	7057656		2	2				10736
3	7057656	MS	2	2				10736
4	7057656	MSD	2	2				10736
5	7057668		2	2				10736
6	7061544		2	2				10736
7	7061545		2	2				10736
8	7061546		2	2				10736
9	7061547		2	2				10736
10	7061548		2	2				10736
11	7061549		2	2				10736
12	7061550		2	2				10736
13	7061551		2	2				10736
14	BLANKA		2	2				
15	LCSA		2	2				

W/A DBL4 5-20-13

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Florisil	016180-BV

S-Evap/bath	C	S-Evap/bath	C	N-Evap	C

The documented temperatures are NIST corrected.

Prep-Process Worksheet

Copper

Prep: 10497 PCB Microwave Soil Extraction

Batch No: 131400005A

Verified: MJ 3/12
Start Date: 5-20-13
Start Time: 21:15
Tech 1: MLH
Tech 2:

Sample #		QC	Aliquot (mL)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	7051104		1	1				10736
2	7057656		1	1				10736
3	7057656	MS	1	1				10736
4	7057656	MSD	1	1				10736
5	7057668		1	1				10736
6	7061544		1	1				10736
7	7061545		1	1				10736
8	7061546		1	1				10736
9	7061547		1	1				10736
10	7061548		1	1				10736
11	7061549		1	1				10736
12	7061550		1	1				10736
13	7061551		1	1				10736
14	BLANKA		1	1				
15	LCSA		1	1				

N/A MLH 5-20-13

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Copper	212201-AW

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Moisture Data

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CLIENT: **Stantec**
SDG: ASY17

MOISTURE

SAMPLE NUMBERS:

Sample #	Sample Code
7051098	S6514
7051099	S8306
7051100	S8308
7051101	S8310
7051102	S8312
7051103	S8314
7051104	S8316
7051105	S8406
7051106	S8408BKG
7051107	S8408MS
7051108	S8408MSD
7051109	SBFD8FD
7051110	S8410
7051111	S8412
7051112	S8414
7051113	S8506
7051114	S8508
7051115	S8510
7051116	S8512
7051117	S8514

COMMENTS:

Method defined actions are taken for any failed matrix QC.

Laboratory Compliance Quality Control

Analysis Name	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 13134820004A	Sample number(s): 7051098-7051102, 7051104-7051117				
Moisture	100		99-101		
Moisture Duplicate	100		99-101		
Moisture	100		99-101		
Batch number: 13135820001A	Sample number(s): 7051103				
Moisture	100		99-101		

eurofins | Lancaster Laboratories

CLIENT: Stantec
SDG: ASY17

MOISTURE

Sample Matrix Quality Control

Analysis Name	BKG Conc	DUP Conc	RPD	RPD Max
Batch number: 13134820004A	Sample number(s):	7051098-7051102, 7051104-7051117		
Moisture	12.4	12.9	4	13
Moisture Duplicate	12.4	12.9	4	15
Moisture	12.4	12.9	4	15
Batch number: 13135820001A	Sample number(s):	7051103		
Moisture	34.4	36.3	5	13

* - Outside of specification

(1) - The result for one or both determinations was less than five times the LOQ.

Moisture Data Report

Batch #: 13134820004

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
LCS 89.5% Std.			1.0816	5.0212	1.6146	89.39	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051098	A	00111	1.0933	6.6892	6.2437	23.00	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051099	A	00111	1.0915	8.2977	8.6663	8.71	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051100	A	00111	1.0970	7.8994	8.0969	11.39	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051101	A	00111	1.1109	8.6626	8.5563	14.05	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051102	A	00111	1.0561	8.9343	8.7534	13.85	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051104	A	00111	1.1253	5.5780	2.6698	72.31	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051105	A	00111	1.1195	8.4429	8.8363	8.60	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051106BKG	A	00111	1.1094	7.8134	7.9534	12.41	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051107MS	A	00118				12.41	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051108MSD	A	00118				12.41	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051108MSD	A	00121	1.0972	7.2496	7.4144	12.86	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051109FD	A	00111	1.1285	9.1419	9.1889	11.83	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051110	A	00111	1.0929	8.1035	7.6989	18.48	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051111	A	00111	1.0888	8.8609	8.9684	11.07	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051112	A	00111	1.0706	8.7975	8.3974	16.72	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051113	A	00111	1.1079	6.9800	7.2966	11.34	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051114	A	00111	1.0795	7.6237	7.8195	11.59	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051115	A	00111	1.1117	8.7830	8.5973	14.77	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051116	A	00111	1.0897	9.4291	9.2741	13.20	5/14/13 (1201/SWF)	5/15/13 (0236/CW)
7051117	A	00111	1.0921	8.7911	8.3655	17.26	5/14/13 (1201/SWF)	5/15/13 (0236/CW)

Batch #: 13135820001

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
LCS 89.5% Std.			1.1013	5.0107	1.6308	89.43	5/15/13 (0189/WCS)	5/16/13 (0236/CW)
7051103BKG	A	00111	1.0968	5.5536	4.7396	34.41	5/15/13 (0189/WCS)	5/16/13 (0236/CW)
7051103DUP	A	00111	1.0802	5.7936	4.7685	36.34	5/15/13 (0189/WCS)	5/16/13 (0236/CW)