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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 09/11/17

SDG# ATG66

GROUP	SAMPLE NUMBERS
1848864	9202639-9202658

PA Cert. # 36-00037
NY Cert. # 10670
NJ Cert. # PA011
NC Cert. # 521
TX Cert. # T104704194-13-10
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:** **10/09/2017**

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 (717) 556-7252.

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Sample Reference List for SDG Number ATG66
with a Data Package Type of I

11289 - Stantec

Project: Amtrak Wilmington

Lab Sample Number	Client Sample ID	Collection Date	Date Received
9202639	T1-105W	09/11/2017 10:21	09/11/2017 16:55
9202640	T1-105E	09/11/2017 10:22	09/11/2017 16:55
9202641	T1-106W	09/11/2017 10:23	09/11/2017 16:55
9202642	T1-106E	09/11/2017 10:24	09/11/2017 16:55
9202643	T1-107W	09/11/2017 10:25	09/11/2017 16:55
9202644	T1-107E	09/11/2017 10:26	09/11/2017 16:55
9202645	T1-108W	09/11/2017 10:27	09/11/2017 16:55
9202646	T1-108E	09/11/2017 10:28	09/11/2017 16:55
9202647	T1-109W	09/11/2017 10:29	09/11/2017 16:55
9202648	T1-109E	09/11/2017 10:30	09/11/2017 16:55
9202649	T1-110W	09/11/2017 10:31	09/11/2017 16:55
9202650	T1-110E	09/11/2017 10:32	09/11/2017 16:55
9202651	T1-111W	09/11/2017 10:33	09/11/2017 16:55
9202652	T1-111E	09/11/2017 10:34	09/11/2017 16:55
9202653	T1-112W	09/11/2017 10:35	09/11/2017 16:55
9202654	T1-112WMS	09/11/2017 10:35	09/11/2017 16:55
9202655	T1-112WMSD	09/11/2017 10:35	09/11/2017 16:55
9202656	DUP-11	09/11/2017 10:35	09/11/2017 16:55
9202657	T1-112E	09/11/2017 10:36	09/11/2017 16:55
9202658	T1-113W	09/11/2017 10:37	09/11/2017 16:55

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14248 PCB 10g Sonication Ext

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

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

10225 PCBs in Solids by 8082/3550

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.

00111 Moisture
00118 Moisture
00121 Moisture Duplicate

A well-mixed sample is heated by reflected infrared in an aluminum pan and dried to a constant weight. The decrease in weight in weight after drying is calculated as the moisture content.

Reference: %Moisture- for use as Dry Wt Calculation

Analysis Reports / Field Chain of Custody

ANALYSIS REPORT

Prepared by:	Prepared for:
Eurofins Lancaster Laboratories Environmental 2425 New Holland Pike Lancaster, PA 17601	Stantec 1060 Andrew Drive Suite 140 West Chester PA 19380

Report Date: September 21, 2017

Project: Amtrak Wilmington

Account #: 11289
Group Number: 1848864
SDG: ATG66
PO Number: 213402048
State of Sample Origin: DE

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To	Stantec	Attn: Jon Zerbe
Electronic Copy To	Stantec	Attn: Paul Miller
Electronic Copy To	Stantec	Attn: Steve Baggett

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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SAMPLE INFORMATION

Client Sample Description	Collection Information	ELLE#
T1-105W Grab Soil	09/11/2017 10:21	9202639
T1-105E Grab Soil	09/11/2017 10:22	9202640
T1-106W Grab Soil	09/11/2017 10:23	9202641
T1-106E Grab Soil	09/11/2017 10:24	9202642
T1-107W Grab Soil	09/11/2017 10:25	9202643
T1-107E Grab Soil	09/11/2017 10:26	9202644
T1-108W Grab Soil	09/11/2017 10:27	9202645
T1-108E Grab Soil	09/11/2017 10:28	9202646
T1-109W Grab Soil	09/11/2017 10:29	9202647
T1-109E Grab Soil	09/11/2017 10:30	9202648
T1-110W Grab Soil	09/11/2017 10:31	9202649
T1-110E Grab Soil	09/11/2017 10:32	9202650
T1-111W Grab Soil	09/11/2017 10:33	9202651
T1-111E Grab Soil	09/11/2017 10:34	9202652
T1-112W Grab Soil	09/11/2017 10:35	9202653
T1-112WMS Grab Soil	09/11/2017 10:35	9202654
T1-112WMSD Grab Soil	09/11/2017 10:35	9202655
DUP-11 Grab Soil	09/11/2017 10:35	9202656
T1-112E Grab Soil	09/11/2017 10:36	9202657
T1-113W Grab Soil	09/11/2017 10:37	9202658

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

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Analysis Report

Sample Description: T1-105W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202639
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:21 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-105W SDG#: ATG66-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.7	D1	2.7	50
10225	PCB-1221	11104-28-2	< 2.7	D1	2.7	50
10225	PCB-1232	11141-16-5	< 2.7	D1	2.7	50
10225	PCB-1242	53469-21-9	< 2.7	D1	2.7	50
10225	PCB-1248	12672-29-6	< 2.7	D1	2.7	50
10225	PCB-1254	11097-69-1	< 2.7	D1	2.7	50
10225	PCB-1260	11096-82-5	5.6	D2	2.7	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	6.1		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560011A	09/18/2017 13:31	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560011A	09/13/2017 17:55	Sally L Appleyard	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-105E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202640
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:22 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-105E SDG#: ATG66-02

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.8	D1	2.8	50
10225	PCB-1221	11104-28-2	< 2.8	D1	2.8	50
10225	PCB-1232	11141-16-5	< 2.8	D1	2.8	50
10225	PCB-1242	53469-21-9	< 2.8	D1	2.8	50
10225	PCB-1248	12672-29-6	< 2.8	D1	2.8	50
10225	PCB-1254	11097-69-1	8.2	D2	2.8	50
10225	PCB-1260	11096-82-5	4.1	D1	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	9.8		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560011A	09/18/2017 13:42	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560011A	09/13/2017 17:55	Sally L Appleyard	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-106W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202641
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:23 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-106W SDG#: ATG66-03

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.6	D1	2.6	50
10225	PCB-1221	11104-28-2	< 2.6	D1	2.6	50
10225	PCB-1232	11141-16-5	< 2.6	D1	2.6	50
10225	PCB-1242	53469-21-9	< 2.6	D1	2.6	50
10225	PCB-1248	12672-29-6	< 2.6	D1	2.6	50
10225	PCB-1254	11097-69-1	< 2.6	D1	2.6	50
10225	PCB-1260	11096-82-5	7.1	D2	2.6	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	6.1		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560011A	09/18/2017 13:53	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560011A	09/13/2017 17:55	Sally L Appleyard	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-106E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202642
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:24 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-106E SDG#: ATG66-04

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.8	D1	2.8	50
10225	PCB-1221	11104-28-2	< 2.8	D1	2.8	50
10225	PCB-1232	11141-16-5	< 2.8	D1	2.8	50
10225	PCB-1242	53469-21-9	< 2.8	D1	2.8	50
10225	PCB-1248	12672-29-6	< 2.8	D1	2.8	50
10225	PCB-1254	11097-69-1	9.3	D2	2.8	50
10225	PCB-1260	11096-82-5	5.8	D1	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	8.8		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560011A	09/18/2017 14:05	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560011A	09/13/2017 17:55	Sally L Appleyard	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-107W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202643
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:25 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-107W SDG#: ATG66-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.6	D1	2.6	50
10225	PCB-1221	11104-28-2	< 2.6	D1	2.6	50
10225	PCB-1232	11141-16-5	< 2.6	D1	2.6	50
10225	PCB-1242	53469-21-9	< 2.6	D1	2.6	50
10225	PCB-1248	12672-29-6	< 2.6	D1	2.6	50
10225	PCB-1254	11097-69-1	< 2.6	D1	2.6	50
10225	PCB-1260	11096-82-5	7.0	D1	2.6	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	4.5		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 08:38	Jessica L Miller	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-107E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202644
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:26 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-107E SDG#: ATG66-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 1.1	D1	1.1	20
10225	PCB-1221	11104-28-2	< 1.1	D1	1.1	20
10225	PCB-1232	11141-16-5	< 1.1	D1	1.1	20
10225	PCB-1242	53469-21-9	< 1.1	D1	1.1	20
10225	PCB-1248	12672-29-6	< 1.1	D1	1.1	20
10225	PCB-1254	11097-69-1	< 1.1	D1	1.1	20
10225	PCB-1260	11096-82-5	3.2	D2	1.1	20
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	10.9		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 08:49	Jessica L Miller	20
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-108W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202645
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:27 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-108W SDG#: ATG66-07

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 1.1	D1	1.1	20
10225	PCB-1221	11104-28-2	< 1.1	D1	1.1	20
10225	PCB-1232	11141-16-5	< 1.1	D1	1.1	20
10225	PCB-1242	53469-21-9	< 1.1	D1	1.1	20
10225	PCB-1248	12672-29-6	< 1.1	D1	1.1	20
10225	PCB-1254	11097-69-1	< 1.1	D1	1.1	20
10225	PCB-1260	11096-82-5	4.3	D1	1.1	20
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	9.2		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 09:00	Jessica L Miller	20
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-108E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202646
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:28 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-108E SDG#: ATG66-08

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 1.1	D1	1.1	20
10225	PCB-1221	11104-28-2	< 1.1	D1	1.1	20
10225	PCB-1232	11141-16-5	< 1.1	D1	1.1	20
10225	PCB-1242	53469-21-9	< 1.1	D1	1.1	20
10225	PCB-1248	12672-29-6	< 1.1	D1	1.1	20
10225	PCB-1254	11097-69-1	< 1.1	D1	1.1	20
10225	PCB-1260	11096-82-5	2.9	D1	1.1	20
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	10.6		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 09:12	Jessica L Miller	20
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-109W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202647
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:29 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

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1060 Andrew Drive
Suite 140
West Chester PA 19380

-109W SDG#: ATG66-09

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.7	D1	2.7	50
10225	PCB-1221	11104-28-2	< 2.7	D1	2.7	50
10225	PCB-1232	11141-16-5	< 2.7	D1	2.7	50
10225	PCB-1242	53469-21-9	< 2.7	D1	2.7	50
10225	PCB-1248	12672-29-6	< 2.7	D1	2.7	50
10225	PCB-1254	11097-69-1	< 2.7	D1	2.7	50
10225	PCB-1260	11096-82-5	4.0	D2	2.7	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	5.0		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 09:23	Jessica L Miller	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-109E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202648
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:30 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-109E SDG#: ATG66-10

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.8	D1	2.8	50
10225	PCB-1221	11104-28-2	< 2.8	D1	2.8	50
10225	PCB-1232	11141-16-5	< 2.8	D1	2.8	50
10225	PCB-1242	53469-21-9	< 2.8	D1	2.8	50
10225	PCB-1248	12672-29-6	< 2.8	D1	2.8	50
10225	PCB-1254	11097-69-1	< 2.8	D1	2.8	50
10225	PCB-1260	11096-82-5	9.6	D1	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	10.9		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 09:35	Jessica L Miller	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-110W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202649
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:31 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-110W SDG#: ATG66-11

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.52	D1	0.52	10
10225	PCB-1221	11104-28-2	< 0.52	D1	0.52	10
10225	PCB-1232	11141-16-5	< 0.52	D1	0.52	10
10225	PCB-1242	53469-21-9	< 0.52	D1	0.52	10
10225	PCB-1248	12672-29-6	< 0.52	D1	0.52	10
10225	PCB-1254	11097-69-1	1.2	D1	0.52	10
10225	PCB-1260	11096-82-5	1.4	D2	0.52	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	4.8		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 09:46	Jessica L Miller	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-110E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202650
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:32 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-110E SDG#: ATG66-12

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.56	D1	0.56	10
10225	PCB-1221	11104-28-2	< 0.56	D1	0.56	10
10225	PCB-1232	11141-16-5	< 0.56	D1	0.56	10
10225	PCB-1242	53469-21-9	< 0.56	D1	0.56	10
10225	PCB-1248	12672-29-6	< 0.56	D1	0.56	10
10225	PCB-1254	11097-69-1	< 0.56	D1	0.56	10
10225	PCB-1260	11096-82-5	3.0	D1	0.56	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 10:21	Jessica L Miller	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-111W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202651
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:33 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-111W SDG#: ATG66-13

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.57	D1	0.57	10
10225	PCB-1221	11104-28-2	< 0.57	D1	0.57	10
10225	PCB-1232	11141-16-5	< 0.57	D1	0.57	10
10225	PCB-1242	53469-21-9	< 0.57	D1	0.57	10
10225	PCB-1248	12672-29-6	< 0.57	D1	0.57	10
10225	PCB-1254	11097-69-1	< 0.57	D1	0.57	10
10225	PCB-1260	11096-82-5	2.6	D1	0.57	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	11.7		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/20/2017 03:37	Kirby B Turner	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-111E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202652
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:34 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
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-111E SDG#: ATG66-14

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 1.2	D1	1.2	20
10225	PCB-1221	11104-28-2	< 1.2	D1	1.2	20
10225	PCB-1232	11141-16-5	< 1.2	D1	1.2	20
10225	PCB-1242	53469-21-9	< 1.2	D1	1.2	20
10225	PCB-1248	12672-29-6	< 1.2	D1	1.2	20
10225	PCB-1254	11097-69-1	< 1.2	D1	1.2	20
10225	PCB-1260	11096-82-5	3.9	D1	1.2	20
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	12.6		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 10:50	Jessica L Miller	20
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-112W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202653
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:35 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
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-112W SDG#: ATG66-15BKG

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.55	D1	0.55	10
10225	PCB-1221	11104-28-2	< 0.55	D1	0.55	10
10225	PCB-1232	11141-16-5	< 0.55	D1	0.55	10
10225	PCB-1242	53469-21-9	< 0.55	D1	0.55	10
10225	PCB-1248	12672-29-6	< 0.55	D1	0.55	10
10225	PCB-1254	11097-69-1	1.2	D2	0.55	10
10225	PCB-1260	11096-82-5	0.90	D2	0.55	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	8.8		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:02	Jessica L Miller	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-112WMS Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202654
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:35 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-112W SDG#: ATG66-16MS

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.55	D1	0.55	10
10225	PCB-1221	11104-28-2	< 0.55	D1	0.55	10
10225	PCB-1232	11141-16-5	< 0.55	D1	0.55	10
10225	PCB-1242	53469-21-9	< 0.55	D1	0.55	10
10225	PCB-1248	12672-29-6	< 0.55	D1	0.55	10
10225	PCB-1254	11097-69-1	< 0.55	D1	0.55	10
10225	PCB-1260	11096-82-5	0.92	D1	0.55	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00118	Moisture	n.a.	8.8		0.50	1

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:13	Jessica L Miller	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00118	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-112WMSD Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202655
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:35 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-112W SDG#: ATG66-17MSD

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	0.64	D1	0.55	10
10225	PCB-1221	11104-28-2	< 0.55	D1	0.55	10
10225	PCB-1232	11141-16-5	< 0.55	D1	0.55	10
10225	PCB-1242	53469-21-9	< 0.55	D1	0.55	10
10225	PCB-1248	12672-29-6	< 0.55	D1	0.55	10
10225	PCB-1254	11097-69-1	< 0.55	D1	0.55	10
10225	PCB-1260	11096-82-5	3.3	D2	0.55	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00118	Moisture	n.a.	8.8		0.50	1
00121	Moisture Duplicate	n.a.	8.3		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:25	Jessica L Miller	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00118	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1
00121	Moisture Duplicate	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: DUP-11 Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202656
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:35 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

DUP11 SDG#: ATG66-16FD

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 2.7	D1	2.7	50
10225	PCB-1221	11104-28-2	< 2.7	D1	2.7	50
10225	PCB-1232	11141-16-5	< 2.7	D1	2.7	50
10225	PCB-1242	53469-21-9	< 2.7	D1	2.7	50
10225	PCB-1248	12672-29-6	< 2.7	D1	2.7	50
10225	PCB-1254	11097-69-1	7.5	D1	2.7	50
10225	PCB-1260	11096-82-5	< 2.7	D1	2.7	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	6.4		0.50	1

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

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:36	Jessica L Miller	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Analysis Report

Sample Description: T1-112E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202657
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:36 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-112E SDG#: ATG66-17

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 1.2	D1	1.2	20
10225	PCB-1221	11104-28-2	< 1.2	D1	1.2	20
10225	PCB-1232	11141-16-5	< 1.2	D1	1.2	20
10225	PCB-1242	53469-21-9	< 1.2	D1	1.2	20
10225	PCB-1248	12672-29-6	< 1.2	D1	1.2	20
10225	PCB-1254	11097-69-1	< 1.2	D1	1.2	20
10225	PCB-1260	11096-82-5	3.0	D2	1.2	20
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	8.2		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:48	Jessica L Miller	20
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

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Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: T1-113W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202658
ELLE Group # 1848864
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 10:37 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 16:32

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-113W SDG#: ATG66-18

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Limit of Quantitation	Dilution Factor
Pesticides/PCBs	**SW-846 8082**		**mg/kg**		**mg/kg**	
10225	PCB-1016	12674-11-2	< 0.27	D1	0.27	5
10225	PCB-1221	11104-28-2	< 0.27	D1	0.27	5
10225	PCB-1232	11141-16-5	< 0.27	D1	0.27	5
10225	PCB-1242	53469-21-9	< 0.27	D1	0.27	5
10225	PCB-1248	12672-29-6	< 0.27	D1	0.27	5
10225	PCB-1254	11097-69-1	< 0.27	D1	0.27	5
10225	PCB-1260	11096-82-5	1.0	D1	0.27	5
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	8.3		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.

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
10225	PCBs in Solids by 8082/3550	SW-846 8082	1	172560012A	09/18/2017 11:59	Jessica L Miller	5
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560012A	09/13/2017 17:15	Elizabeth E Donovan	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820006B	09/15/2017 01:17	Scott W Freisher	1

Quality Control Summary

Client Name: Stantec
Reported: 09/21/2017 16:32

Group Number: 1848864

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.

Method Blank

Analysis Name	Result mg/kg	LOQ mg/kg
Batch number: 172560011A	Sample number(s): 9202639-9202642	
PCB-1016	< 0.051	0.051
PCB-1221	< 0.051	0.051
PCB-1232	< 0.051	0.051
PCB-1242	< 0.051	0.051
PCB-1248	< 0.051	0.051
PCB-1254	< 0.051	0.051
PCB-1260	< 0.051	0.051
Batch number: 172560012A	Sample number(s): 9202643-9202658	
PCB-1016	< 0.051	0.051
PCB-1221	< 0.051	0.051
PCB-1232	< 0.051	0.051
PCB-1242	< 0.051	0.051
PCB-1248	< 0.051	0.051
PCB-1254	< 0.051	0.051
PCB-1260	< 0.051	0.051

LCS/LCSD

Analysis Name	LCS Spike Added mg/kg	LCS Conc mg/kg	LCSD Spike Added mg/kg	LCSD Conc mg/kg	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 172560011A	Sample number(s): 9202639-9202642								
PCB-1016	0.501	0.460			92		80-121		
PCB-1260	0.501	0.500			100		84-125		
Batch number: 172560012A	Sample number(s): 9202643-9202658								
PCB-1016	0.501	0.418			83		80-121		
PCB-1260	0.501	0.429			86		84-125		
	%	%	%	%					
Batch number: 17257820006B	Sample number(s): 9202639-9202658								
Moisture	89.5	89.42			100		99-101		
Moisture	89.5	89.42			100		99-101		
Moisture Duplicate	89.5	89.42			100		99-101		

*- 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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Stantec
Reported: 09/21/2017 16:32

Group Number: 1848864

MS/MSD

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

Analysis Name	Unspiked Conc mg/kg	MS Spike Added mg/kg	MS Conc mg/kg	MSD Spike Added mg/kg	MSD Conc mg/kg	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 172560011A	Sample number(s): 9202639-9202642 UNSPK: P202634									
PCB-1016	< 0.99	0.485	0.427	0.498	0.274	88	55*	80-121	44	50
PCB-1260	3.54	0.485	5.62	0.498	2.08	430 (2)	-293 (2)	84-125	92*	50
Batch number: 172560012A	Sample number(s): 9202643-9202658 UNSPK: 9202653									
PCB-1016	< 0.50	0.492	0.500	0.493	0.584	102	118	80-121	15	50
PCB-1260	0.822	0.492	0.837	0.493	3.00	3*	442*	84-125	113*	50

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc %	DUP Conc %	DUP RPD	DUP RPD Max
Batch number: 17257820006B	Sample number(s): 9202639-9202658 BKG: 9202653, P202653			
Moisture	8.84	8.32	6*	5
Moisture	8.84	8.32	6*	5
Moisture Duplicate	8.84	8.32	6*	5

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. For dual column analyses, the surrogate (at least one surrogate for multi-surrogate tests) must be within the acceptance limits on at least one of the two columns.

Analysis Name: PCBs in Solids by 8082/3550
Batch number: 172560011A

	Tetrachloro-m-xylene-D1	Decachlorobiphenyl-D1	Tetrachloro-m-xylene-D2	Decachlorobiphenyl-D2
9202639	87	115	95	123
9202640	81	112	89	115
9202641	72	116	89	107
9202642	72	98	81	97
Blank	104	95	105	96
LCS	97	94	97	102
MS	70	93	77	92
MSD	44*	53	50*	57

*- 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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Stantec
Reported: 09/21/2017 16:32

Group Number: 1848864

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. For dual column analyses, the surrogate (at least one surrogate for multi-surrogate tests) must be within the acceptance limits on at least one of the two columns.

Analysis Name: PCBs in Solids by 8082/3550
Batch number: 172560011A

Limits:	61-152	48-164	61-152	48-164

Analysis Name: PCBs in Solids by 8082/3550
Batch number: 172560012A

	Tetrachloro-m-xylene-D1	Decachlorobiphenyl-D1	Tetrachloro-m-xylene-D2	Decachlorobiphenyl-D2
9202643	67	102	74	96
9202644	82	116	81	104
9202645	59*	114	67	90
9202646	93	132	93	119
9202647	102	126	99	116
9202648	76	143	83	105
9202649	96	122	97	115
9202650	95	127	98	118
9202651	69	120	73	106
9202652	68	114	74	107
9202653	95	125	97	114
9202654	95	123	95	110
9202655	94	118	91	107
9202656	103	135	108	128
9202657	102	132	103	125
9202658	72	111	75	101
Blank	100	92	102	84
LCS	93	88	97	95
MS	95	123	95	110
MSD	94	118	91	107
Limits:	61-152	48-164	61-152	48-164

*- 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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Environmental Analysis Request/Chain of Custody

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Acct. # 11289 Group # 1848864 Sample # 9202639-58

COC # 536839
4 of 12

Client Information

Client: Stantec	Acct. #:
Project Name/#: Amtrak Wilmington	PWSID #:
Project Manager: Paul Miller	P.O. #:
Sampler: Jon Zerbe	Quote #:
State where samples were collected: DE	For Compliance: Yes ☐ No ☐

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

Analysis Requested

Preservation Codes: PCBs 3550B

For Lab Use Only
FSC: ____
SCR#: ____

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

Sample Identification	Collected Date	Collected Time	Grab	Composite	Soil	Water	Other	Total # of Containers	PCBs 3550B	Remarks
TI-105W	9-11-17	1021	X		X			1	X	
TI-105E		1022	X		X			1	X	
TI-106W		1023	X		X			1	X	
TI-106E		1024	X		X			1	X	
TI-107W		1025	X		X			1	X	
TI-107E		1026	X		X			1	X	
TI-108W		1027	X		X			1	X	
TI-108E		1028	X		X			1	X	
TI-109W		1029	X		X			1	X	
TI-109E	9-11-17	1030	X		X			1	X	

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

Date results are needed: ____

E-mail address: ____

Relinquished by	Date	Time	Received by	Date	Time
[signature]	9-11-17	1450	[signature]	9-11-17	1450
[signature]	9-11-17	1655			
			[signature]	9-11-17	1655

Data Package Options (circle if required)

Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only)
Type III (Reduced non-CLP) NJ DKQP TX TRRP-13
NYSDEC Category A or B MA MCP CT RCP

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 0.8-1.2 °C

Environmental Analysis Request/Chain of Custody

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Acct. # 11289 Group # 1848864 Sample # 9202639-58

COC # 536840 5 of 12

Client Information

Client: Stantec

Acct. #:

Project Name/#: Amtrak Wilmington

PWSID #:

Project Manager: Paul Miller

P.O. #:

Sampler: Jon Zerbe

Quote #:

State where samples were collected: DE

For Compliance: Yes ☐ No ☐

Matrix

Soil ☒ Sediment ☐ Tissue ☐ Water: Potable ☐ Ground ☐ NPDES ☐ Surface ☐ Other: ____

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

Sample Identification	Collected Date	Collected Time	Grab	Composite	Total # of Containers	PCBs 3550B	Remarks
T1-110W	9-11-17	1031	X		1	X	
T1-110E		1032	X		1	X	
T1-111W		1033	X		1	X	
T1-111E		1034	X		1	X	
T1-112W		1035	X		1	X	
T1-112W MS		1035	X		1	X	
T1-112W MSD		1035	X		1	X	
DUP-11		1035	X		1	X	
T1-112E		1036	X		1	X	
T1-113W	9-11-17	1037	X		1	X	

Turnaround Time (TAT) Requested (please circle)

Standard Rush

(Rush TAT is subject to laboratory approval and surcharge.)

Date results are needed: ____

E-mail address: ____

Data Package Options (circle if required)

Type I (EPA Level 3 Equivalent/non-CLP) Type VI (Raw Data Only)

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

NYSDEC Category A or B MA MCP CT RCP

Relinquished by	Date	Time	Received by	Date	Time
[signature]	9-11-17	1450	[signature]	9-11-17	1450
[signature]	9-11-17	1659			
			[signature]	9-11-17	1653

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 0.8-1.2 °C

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Sample Administration Receipt Documentation Log

Doc Log ID: 194045

Group Number(s): 1848864

Client: Stantec

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	09/11/2017 16:55
Number of Packages:	2	Number of Projects:	2
State/Province of Origin:	DE		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	Yes		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Cory Jeremiah (10469) at 20:08 on 09/11/2017

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT42-01	1.2	DT	Wet	Y	Bagged	N
2	DT42-01	0.8	DT	Wet	Y	Bagged	N

Missing Sample Details

Sample ID on COC	Comments
TI-101W	
TI-101E	

2425 New Holland Pike
Lancaster, PA 17605-2425
T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.cor

Explanation of Symbols and Abbreviations

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

BMQL	Below Minimum Quantitation Level	**mg**	milligram(s)
C	degrees Celsius	**mL**	milliliter(s)
cfu	colony forming units	**MPN**	Most Probable Number
CP Units	cobalt-chloroplatinate units	**N.D.**	non-detect
F	degrees Fahrenheit	**ng**	nanogram(s)
g	gram(s)	**NTU**	nephelometric turbidity units
IU	International Units	**pg/L**	picogram/liter
kg	kilogram(s)	**RL**	Reporting Limit
L	liter(s)	**TNTC**	Too Numerous To Count
lb.	pound(s)	**µg**	microgram(s)
m3	cubic meter(s)	**µL**	microliter(s)
meq	milliequivalents	**umhos/cm**	micromhos/cm

<	less than
>	greater than
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 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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) 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.

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Polychlorinated Biphenyls (PCBs) Data

Case Narrative/Conformance Summary

Polychlorinated Biphenyls (PCBs)

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Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ATG66

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

Sample #	Client ID	Matrix Liquid	Matrix Solid	DF	Comments
9202639	T1-105W		X	50	
9202640	T1-105E		X	50	
9202641	T1-106W		X	50	
9202642	T1-106E		X	50	
9202643	T1-107W		X	50	
9202644	T1-107E		X	20	
9202645	T1-108W		X	20	
9202646	T1-108E		X	20	
9202647	T1-109W		X	50	
9202648	T1-109E		X	50	
9202649	T1-110W		X	10	
9202650	T1-110E		X	10	
9202651	T1-111W		X	10	
9202652	T1-111E		X	20	
9202653	T1-112W		X	10	Unspiked
9202654	T1-112WMS		X	10	Matrix Spike
9202655	T1-112WMSD		X	10	Matrix Spike Duplicate
9202656	DUP-11		X	50	Field Duplicate Sample
9202657	T1-112E		X	20	
9202658	T1-113W		X	5	

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.

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Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ATG66

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

CALIBRATION/STANDARDIZATION:

(Sample number(s): 9202639-9202658: Analysis: 10225)
For dual column analyses in which the calibration (initial and/or 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:

MS/MSD

Please note that US EPA Methods for organic compounds do not require action by the laboratory based on out-of-specification MS/MSD results.

Batch#: 172560012A (Sample number(s): 9202643-9202658, UNSPK: 9202653)
The relative percent difference(s) for the following analyte(s) in the MS/MSD is outside the acceptance window: PCB-1260
The recovery(ies) for the following analyte(s) in the MS were below the acceptance window: PCB-1260
The recovery(ies) for the following analyte(s) in the MSD exceeded the acceptance window indicating a positive bias:PCB-1260

Surrogate

Surrogate recoveries that are noncompliant are confirmed unless attributed to a dilution or otherwise noted. For dual column analyses, the surrogate (for multi-surrogate tests, at least one surrogate) must be within the acceptance limits on at least one of the two columns.

Batch#: 172560012A (Sample number(s): 9202643-9202658, UNSPK: 9202653)
The recovery(ies) for the following surrogate(s) were below the acceptance window: Tetrachloro-m-xylene-D1 (9202645)

SAMPLE ANALYSIS:

No problems were encountered with the analysis of the samples.

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Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ATG66

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

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: ATG66

Fraction: Polychlorinated Biphenyls (PCBs)

Analysis	Batch Number	Sample Number	Analysis Date
PCBs in Solids by 8082/3550	172560011A	PBLK11256	09/18/2017 09:33:00
		LCS11256	09/18/2017 09:44:00
		9202639	09/18/2017 13:31:00
		9202640	09/18/2017 13:42:00
		9202641	09/18/2017 13:53:00
		9202642	09/18/2017 14:05:00
PCBs in Solids by 8082/3550	172560012A	PBLK12256	09/18/2017 08:15:00
		LCS12256	09/18/2017 08:26:00
		9202643	09/18/2017 08:38:00
		9202644	09/18/2017 08:49:00
		9202645	09/18/2017 09:00:00
		9202646	09/18/2017 09:12:00
		9202647	09/18/2017 09:23:00
		9202648	09/18/2017 09:35:00
		9202649	09/18/2017 09:46:00
		9202650	09/18/2017 10:21:00
		9202651	09/20/2017 03:37:00
		9202652	09/18/2017 10:50:00
		9202653 UNSPK	09/18/2017 11:02:00
		9202654 MS	09/18/2017 11:13:00
		9202655 MSD	09/18/2017 11:25:00
		9202656	09/18/2017 11:36:00
		9202657	09/18/2017 11:48:00
		9202658	09/18/2017 11:59:00

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Quality Control Summary
Method Blank
Pesticide Residue Analysis
SDG: ATG66
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

172560011A / PBLK11256 **Analyte**	**Analysis Date**	**Blank Results**	**Units**	**MDL**	**LOQ**
PCB-1016	09/18/17	N.D.	mg/kg	0.0099	0.051
PCB-1221	09/18/17	N.D.	mg/kg	0.015	0.051
PCB-1232	09/18/17	N.D.	mg/kg	0.012	0.051
PCB-1242	09/18/17	N.D.	mg/kg	0.012	0.051
PCB-1248	09/18/17	N.D.	mg/kg	0.0099	0.051
PCB-1254	09/18/17	N.D.	mg/kg	0.013	0.051
PCB-1260	09/18/17	N.D.	mg/kg	0.012	0.051

172560012A / PBLK12256 **Analyte**	**Analysis Date**	**Blank Results**	**Units**	**MDL**	**LOQ**
PCB-1016	09/18/17	N.D.	mg/kg	0.0099	0.051
PCB-1221	09/18/17	N.D.	mg/kg	0.015	0.051
PCB-1232	09/18/17	N.D.	mg/kg	0.012	0.051
PCB-1242	09/18/17	N.D.	mg/kg	0.012	0.051
PCB-1248	09/18/17	N.D.	mg/kg	0.0099	0.051
PCB-1254	09/18/17	N.D.	mg/kg	0.013	0.051
PCB-1260	09/18/17	N.D.	mg/kg	0.012	0.051

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Quality Control Summary
Surrogates
Pesticide Residue Analysis
SDG: ATG66
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

172560011A	Decachlorobiphenyl-D1		Decachlorobiphenyl-D2		Tetrachloro-m-xylene-D1		Tetrachloro-m-xylene-D2	
	Spike Added	27.1 ug/kg	Spike Added	27.1 ug/kg	Spike Added	30.6 ug/kg	Spike Added	30.6 ug/kg
Sample	% Recovery	Limits	% Recovery	Limits	% Recovery	Limits	% Recovery	Limits
PBLK11256	95	48 - 164	96	48 - 164	104	61 - 152	105	61 - 152
LCS11256	94	48 - 164	102	48 - 164	97	61 - 152	97	61 - 152
9202639	115	48 - 164	123	48 - 164	87	61 - 152	95	61 - 152
9202640	112	48 - 164	115	48 - 164	81	61 - 152	89	61 - 152
9202641	116	48 - 164	107	48 - 164	72	61 - 152	89	61 - 152
9202642	98	48 - 164	97	48 - 164	72	61 - 152	81	61 - 152

172560012A	Decachlorobiphenyl-D1		Decachlorobiphenyl-D2		Tetrachloro-m-xylene-D1		Tetrachloro-m-xylene-D2	
	Spike Added	27.1 ug/kg	Spike Added	27.1 ug/kg	Spike Added	30.6 ug/kg	Spike Added	30.6 ug/kg
Sample	% Recovery	Limits	% Recovery	Limits	% Recovery	Limits	% Recovery	Limits
PBLK12256	92	48 - 164	84	48 - 164	100	61 - 152	102	61 - 152
LCS12256	88	48 - 164	95	48 - 164	93	61 - 152	97	61 - 152
9202643	102	48 - 164	96	48 - 164	67	61 - 152	74	61 - 152
9202644	116	48 - 164	104	48 - 164	82	61 - 152	81	61 - 152
9202645	114	48 - 164	90	48 - 164	59 *	61 - 152	67	61 - 152
9202646	132	48 - 164	119	48 - 164	93	61 - 152	93	61 - 152
9202647	126	48 - 164	116	48 - 164	102	61 - 152	99	61 - 152
9202648	143	48 - 164	105	48 - 164	76	61 - 152	83	61 - 152
9202649	122	48 - 164	115	48 - 164	96	61 - 152	97	61 - 152
9202650	127	48 - 164	118	48 - 164	95	61 - 152	98	61 - 152
9202651	120	48 - 164	106	48 - 164	69	61 - 152	73	61 - 152
9202652	114	48 - 164	107	48 - 164	68	61 - 152	74	61 - 152
9202653 UNSPK	125	48 - 164	114	48 - 164	95	61 - 152	97	61 - 152
9202654 MS	123	48 - 164	110	48 - 164	95	61 - 152	95	61 - 152
9202655 MSD	118	48 - 164	107	48 - 164	94	61 - 152	91	61 - 152
9202656	135	48 - 164	128	48 - 164	103	61 - 152	108	61 - 152
9202657	132	48 - 164	125	48 - 164	102	61 - 152	103	61 - 152
9202658	111	48 - 164	101	48 - 164	72	61 - 152	75	61 - 152

Surrogate recoveries that are noncompliant are confirmed unless attributed to a dilution or otherwise noted. For dual column analyses, the surrogate (for multi-surrogate tests, at least one surrogate) must be within the acceptance limits on at least one of the two columns.

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Quality Control Summary
Matrix Spike/Matrix Spike Duplicate

SDG: ATG66
Matrix: SOLID

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

UNSPK: 9202653 MS: 9202654 MSD: 9202655 **Analyte**	Batch: **172560012A** (Sample number(s): 9202643-9202658)								
	Spike Added mg/kg MS/MSD	**Unspiked Conc mg/kg**	**MS Conc mg/kg**	**MSD Conc mg/kg**	**MS %Rec**	**MSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	0.492 / 0.493	0	0.500	0.584	102	118	80-121	15	50
PCB-1260	0.492 / 0.493	0.822	0.837	3.00	3 *	442 *	84-125	113 *	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.

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

SDG: ATG66
Matrix: SOLID

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

LCS: LCS11256	Batch: **172560011A** (Sample number(s): 9202639-9202642)							
Analyte	**Spike Added mg/kg**	**LCS Conc mg/kg**	**LCSD Conc mg/kg**	**LCS %Rec**	**LCSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	0.501	0.460	NA	92	NA	80-121	NA	NA
PCB-1260	0.501	0.500	NA	100	NA	84-125	NA	NA

LCS: LCS12256	Batch: **172560012A** (Sample number(s): 9202643-9202658)							
Analyte	**Spike Added mg/kg**	**LCS Conc mg/kg**	**LCSD Conc mg/kg**	**LCS %Rec**	**LCSD %Rec**	**%Rec Limits**	**%RPD**	**%RPD Limits**
PCB-1016	0.501	0.418	NA	83	NA	80-121	NA	NA
PCB-1260	0.501	0.429	NA	86	NA	84-125	NA	NA

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	RT OF STANDARDS						MIDPOINT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	RT	FROM	TO
Tetrachloro-m-xylene	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.93	2.99
Decachlorobiphenyl	6.65	6.64	6.64	6.64	6.64	6.64	6.64	6.61	6.67

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	CALIBRATION FACTORS							%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	MEAN	
Tetrachloro-m-xylene	1.15E+05	1.06E+05	1.14E+05	1.18E+05	1.14E+05	1.15E+05	1.14E+05	4
Decachlorobiphenyl	1.21E+05	1.10E+05	1.00E+05	1.05E+05	1.02E+05	1.01E+05	1.06E+05	8

Average % RSD: 6

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.21	3.19	3.23	2120	1856	1	25.25	53542	9.06
	1				1919		2	50.5	96931	
	1				1911		3	101	193047	
	1				1819		4	202	367481	
	1				1712		5	505	864455	
	1				1651		6	1010	1667471	
	2	3.43	3.41	3.45	2146	1866	1	25.25	54184	10.16
	2				1995		2	50.5	100739	
	2				1920		3	101	193884	
	2				1793		4	202	362126	
	2				1683		5	505	849910	
	2				1659		6	1010	1675375	
	3	3.54	3.52	3.56	2698	2346	1	25.25	68115	8.94
	3				2373		2	50.5	119844	
	3				2412		3	101	243602	
	3				2326		4	202	469884	
	3				2161		5	505	1091233	
	3				2108		6	1010	2129489	
	4	3.76	3.74	3.78	3242	2939	1	25.25	81853	5.92
	4				2901		2	50.5	146512	
	4				2974		3	101	300346	
	4				2973		4	202	600534	
	4				2768		5	505	1397923	
	4				2775		6	1010	2803036	
	5	3.81	3.79	3.83	2755	2575	1	25.25	69554	4.45
	5				2569		2	50.5	129729	
	5				2624		3	101	265000	
	5				2558		4	202	516720	
	5				2404		5	505	1213788	
	5				2539		6	1010	2564393	
	6	4.01	3.99	4.03	2168	1906	1	25.25	54740	7.89
	6				1924		2	50.5	97168	
	6				1952		3	101	197177	
	6				1820		4	202	367705	
	6				1731		5	505	873917	
	6				1843		6	1010	1861264	
Aroclor-1221	1	3.11	3.09	3.13	951	951	1	200.24	190363	.00
	2	3.16	3.14	3.18	881	881	1	200.24	176400	.00
	3	3.21	3.19	3.23	2632	2632	1	200.24	527105	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1232	1	3.21	3.19	3.23	2201	2201	1	200.6	441536	.00
	2	3.42	3.40	3.44	853	853	1	200.6	171129	.00
	3	3.54	3.52	3.56	1095	1095	1	200.6	219729	.00
	4	3.75	3.73	3.77	1361	1361	1	200.6	272931	.00
	5	3.81	3.79	3.83	1130	1130	1	200.6	226722	.00
	6	4.01	3.99	4.03	792	792	1	200.6	158826	.00
Aroclor-1242	1	3.21	3.19	3.23	2612	2612	1	200	522476	.00
	2	3.43	3.41	3.45	2522	2522	1	200	504367	.00
	3	3.54	3.52	3.56	3200	3200	1	200	640053	.00
	4	3.76	3.74	3.78	4066	4066	1	200	813267	.00
	5	3.82	3.80	3.84	3549	3549	1	200	709869	.00
	6	4.01	3.99	4.03	2600	2600	1	200	520019	.00

6F
INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1248	1	3.76	3.74	3.78	1429	1235	1	25.08	35845	8.96
	1				1284		2	50.16	64383	
	1				1216		3	100.32	122011	
	1				1208		4	200.64	242432	
	1				1154		5	501.6	578637	
	1				1119		6	1003.2	1122857	
	2	3.82	3.80	3.84	1601	1432	1	25.08	40147	6.71
	2				1471		2	50.16	73784	
	2				1422		3	100.32	142649	
	2				1402		4	200.64	281361	
	2				1365		5	501.6	684586	
	2				1329		6	1003.2	1333217	
	3	3.88	3.86	3.90	2799	2364	1	25.08	70211	10.30
	3				2494		2	50.16	125116	
	3				2239		3	100.32	224628	
	3				2274		4	200.64	456169	
	3				2238		5	501.6	1122783	
	3				2140		6	1003.2	2146979	
	4	4.01	3.99	4.03	3165	2702	1	25.08	79381	9.77
	4				2855		2	50.16	143217	
	4				2549		3	100.32	255681	
	4				2607		4	200.64	523060	
	4				2588		5	501.6	1298046	
	4				2448		6	1003.2	2455378	
	5	4.10	4.08	4.12	2686	2397	1	25.08	67359	7.65
	5				2570		2	50.16	128922	
	5				2253		3	100.32	226036	
	5				2300		4	200.64	461460	
	5				2282		5	501.6	1144780	
	5				2290		6	1003.2	2297446	
	6	4.28	4.26	4.30	2694	2451	1	25.08	67561	6.95
	6				2548		2	50.16	127824	
	6				2214		3	100.32	222077	
	6				2338		4	200.64	469065	
	6				2394		5	501.6	1200913	
	6				2516		6	1003.2	2524186	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.26	4.24	4.28	3095	2653	1	25.15	77830	10.52
	1				2865		2	50.3	144114	
	1				2561		3	100.6	257601	
	1				2513		4	251.5	632053	
	1				2573		5	503	1294217	
	1				2314		6	1006	2327792	
	2	4.41	4.39	4.43	5301	4529	1	25.15	133330	9.60
	2				4583		2	50.3	230503	
	2				4424		3	100.6	445086	
	2				4118		4	251.5	1035794	
	2				4615		5	503	2321306	
	2				4130		6	1006	4154307	
	3	4.67	4.65	4.69	6913	6307	1	25.15	173872	5.68
	3				6298		2	50.3	316784	
	3				6080		3	100.6	611659	
	3				5963		4	251.5	1499619	
	3				6519		5	503	3279059	
	3				6066		6	1006	6102711	
	4	4.88	4.86	4.90	5181	4599	1	25.15	130301	7.02
	4				4609		2	50.3	231820	
	4				4461		3	100.6	448751	
	4				4302		4	251.5	1081906	
	4				4697		5	503	2362705	
	4				4345		6	1006	4370853	
	5	5.08	5.06	5.10	4089	3583	1	25.15	102827	7.72
	5				3609		2	50.3	181527	
	5				3474		3	100.6	349443	
	5				3342		4	251.5	840560	
	5				3633		5	503	1827566	
	5				3351		6	1006	3370989	
	6	5.19	5.17	5.21	5649	4994	1	25.15	142073	10.27
	6				5184		2	50.3	260734	
	6				5119		3	100.6	514946	
	6				4244		4	251.5	1067328	
	6				5234		5	503	2632537	
	6				4532		6	1006	4559478	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.99	4.97	5.01	6615	5826	1	25.21	166776	7.30
	1				5630		2	50.41	283826	
	1				5606		3	100.82	565175	
	1				5726		4	201.64	1154669	
	1				5419		5	504.1	2731492	
	1				5959		6	1008.2	6007472	
	2	5.19	5.17	5.21	7801	7201	1	25.21	196658	5.22
	2				6804		2	50.41	343004	
	2				6903		3	100.82	695986	
	2				7267		4	201.64	1465256	
	2				6995		5	504.1	3526154	
	2				7436		6	1008.2	7496748	
	3	5.26	5.24	5.28	4015	3483	1	25.21	101224	7.99
	3				3433		2	50.41	173067	
	3				3455		3	100.82	348381	
	3				3463		4	201.64	698368	
	3				3207		5	504.1	1616739	
	3				3326		6	1008.2	3352840	
	4	5.42	5.40	5.44	4145	3682	1	25.21	104494	6.71
	4				3707		2	50.41	186894	
	4				3593		3	100.82	362228	
	4				3538		4	201.64	713472	
	4				3433		5	504.1	1730683	
	4				3678		6	1008.2	3708028	
	5	5.66	5.64	5.68	10851	10227	1	25.21	273544	4.44
	5				9530		2	50.41	480406	
	5				10082		3	100.82	1016502	
	5				10404		4	201.64	2097824	
	5				10021		5	504.1	5051686	
	5				10477		6	1008.2	10562870	
	6	5.86	5.84	5.88	6885	6304	1	25.21	173568	4.75
	6				6222		2	50.41	313639	
	6				6125		3	100.82	617501	
	6				6183		4	201.64	1246720	
	6				6068		5	504.1	3058814	
	6				6343		6	1008.2	6394905	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Calibration File: 25PCBS1725702

GC Column (1) : MR-1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	5.27	5.25	5.29	5822	5822	1	200.8	1169090	.00
	2	5.43	5.41	5.45	5145	5145	1	200.8	1033216	.00
	3	5.66	5.64	5.68	12941	12941	1	200.8	2598482	.00
	4	5.87	5.85	5.89	7782	7782	1	200.8	1562656	.00
	5	5.92	5.90	5.94	3826	3826	1	200.8	768288	.00
	6	6.29	6.27	6.31	4681	4681	1	200.8	939898	.00
Aroclor-1268	1	5.86	5.84	5.88	14108	14108	1	201	2835739	.00
	2	5.92	5.90	5.94	12359	12359	1	201	2484219	.00
	3	6.05	6.03	6.07	11787	11787	1	201	2369089	.00
	4	6.12	6.10	6.14	3089	3089	1	201	620921	.00
	5	6.29	6.27	6.31	5176	5176	1	201	1040302	.00
	6	6.49	6.47	6.51	39314	39314	1	201	7902152	.00

File Name: V:\CP25\25PCBS1725702.CAL
Version: 8

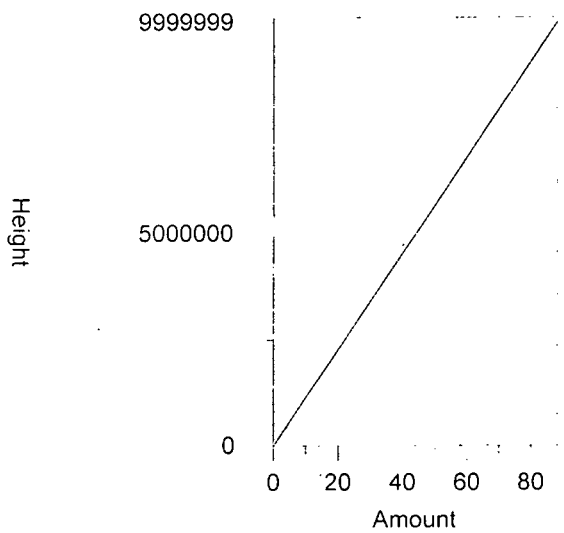
Creator:
Description:
Reason for change:

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: 2.96 minutes
Search window: 0.03 minutes
No retention time reference component
No response proxy component
Group number: 0

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

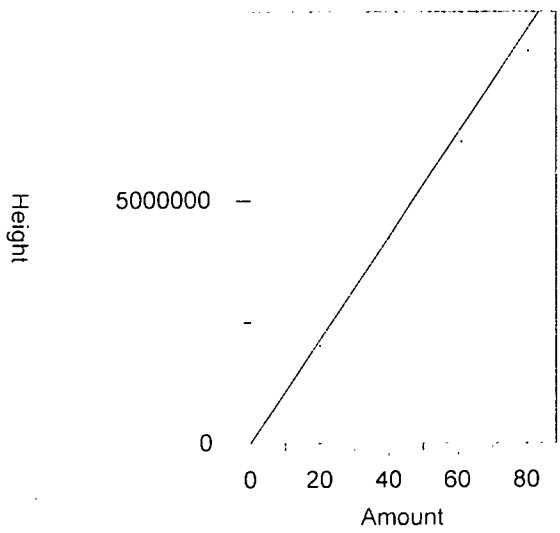
Single peak quantification by height

Y = 113668.2 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.999284
Average error: 2.241%
Average CF: 113668.2
RSD: 3.602%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2	230300.4	115150.2	1.304	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.007.BNE
2	4	424253.9	106063.5	-6.690	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.008.BNE
3	20	2276417	113820.9	0.134	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.009.BNE
4	40	4734539	118363.5	4.131	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.010.BNE
5	60.8	6908737	113630.5	-0.033	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.011.BNE
6	80	9198455	114980.7	1.155	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.012.BNE

2 DCB



Expected retention time:	6.638 minutes
Search window:	0.03 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 = 106487.4 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9934807
Average error:	5.699%
Average CF:	106487.4
RSD:	7.542%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2.01	243072.4	120931.5	13.564	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.00
2	4.02	443205.8	110250.2	3.534	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.00
3	20.12	2014977	100148	-5.953	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.00
4	40.24	4239454	105354.2	-1.064	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.01
5	61.16	6219145	101686.5	-4.508	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.01
6	80.48	8092601	100554.2	-5.572	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.01

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	RT OF STANDARDS						MIDPOINT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	RT	FROM	TO
Tetrachloro-m-xylene	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.61	2.67
Decachlorobiphenyl	6.14	6.13	6.13	6.13	6.13	6.13	6.13	6.10	6.16

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	CALIBRATION FACTORS							%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	MEAN	
Tetrachloro-m-xylene	1.75E+05	1.64E+05	1.80E+05	1.85E+05	1.82E+05	1.85E+05	1.79E+05	4
Decachlorobiphenyl	1.67E+05	1.49E+05	1.41E+05	1.49E+05	1.47E+05	1.54E+05	1.51E+05	6

Average % RSD: 5

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1016	1	2.93	2.91	2.95	3526	2951	1	25.25	89040	11.77
	1				3079		2	50.5	155478	
	1				3034		3	101	306403	
	1				2852		4	202	576153	
	1				2637		5	505	1331796	
	1				2575		6	1010	2601226	
	2	3.13	3.11	3.15	2930	2430	1	25.25	73973	12.38
	2				2448		2	50.5	123606	
	2				2554		3	101	257920	
	2				2396		4	202	483945	
	2				2119		5	505	1070167	
	2				2132		6	1010	2152935	
	3	3.25	3.23	3.27	4059	3497	1	25.25	102489	9.48
	3				3598		2	50.5	181696	
	3				3568		3	101	360376	
	3				3412		4	202	689228	
	3				3156		5	505	1593902	
	3				3189		6	1010	3221021	
	4	3.45	3.43	3.47	4079	3660	1	25.25	103002	6.69
	4				3624		2	50.5	182987	
	4				3767		3	101	380510	
	4				3597		4	202	726578	
	4				3357		5	505	1695241	
	4				3538		6	1010	3572932	
	5	3.52	3.50	3.54	4340	3917	1	25.25	109578	5.84
	5				3821		2	50.5	192974	
	5				3923		3	101	396251	
	5				3904		4	202	788629	
	5				3652		5	505	1844478	
	5				3860		6	1010	3898437	
	6	3.56	3.54	3.58	3107	2658	1	25.25	78454	9.99
	6				2716		2	50.5	137138	
	6				2756		3	101	278398	
	6				2533		4	202	511608	
	6				2356		5	505	1189770	
	6				2482		6	1010	2507195	
Aroclor-1221	1	2.81	2.79	2.83	1690	1690	1	200.24	338481	.00
	2	2.87	2.85	2.89	1009	1009	1	200.24	202042	.00
	3	2.93	2.91	2.95	4125	4125	1	200.24	825970	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1232	1	2.93	2.91	2.95	3430	3430	1	200.6	688011	.00
	2	3.13	3.11	3.15	1135	1135	1	200.6	227666	.00
	3	3.25	3.23	3.27	1587	1587	1	200.6	318336	.00
	4	3.45	3.43	3.47	1674	1674	1	200.6	335814	.00
	5	3.52	3.50	3.54	1736	1736	1	200.6	348153	.00
	6	3.55	3.53	3.57	1033	1033	1	200.6	207202	.00
Aroclor-1242	1	2.93	2.91	2.95	4021	4021	1	200	804150	.00
	2	3.13	3.11	3.15	2846	2846	1	200	569158	.00
	3	3.25	3.23	3.27	4725	4725	1	200	944978	.00
	4	3.45	3.43	3.47	4957	4957	1	200	991328	.00
	5	3.52	3.50	3.54	5180	5180	1	200	1035972	.00
	6	3.56	3.54	3.58	3321	3321	1	200	664260	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1248	1	3.45	3.43	3.47	1730	1468	1	25.08	43379	10.77
	1				1562		2	50.16	78326	
	1				1443		3	100.32	144736	
	1				1402		4	200.64	281332	
	1				1399		5	501.6	701787	
	1				1273		6	1003.2	1277205	
	2	3.52	3.50	3.54	2636	2238	1	25.08	66101	9.94
	2				2334		2	50.16	117098	
	2				2206		3	100.32	221303	
	2				2144		4	200.64	430084	
	2				2097		5	501.6	1051816	
	2				2014		6	1003.2	2020299	
	3	3.56	3.54	3.58	4495	3748	1	25.08	112746	11.00
	3				3893		2	50.16	195254	
	3				3656		3	100.32	366805	
	3				3597		4	200.64	721796	
	3				3545		5	501.6	1778372	
	3				3303		6	1003.2	3313367	
	4	3.68	3.66	3.70	5572	4648	1	25.08	139735	9.95
	4				4580		2	50.16	229727	
	4				4427		3	100.32	444140	
	4				4514		4	200.64	905678	
	4				4497		5	501.6	2255803	
	4				4297		6	1003.2	4310944	
	5	3.77	3.75	3.79	3581	3180	1	25.08	89805	6.68
	5				3232		2	50.16	162135	
	5				3001		3	100.32	301087	
	5				3111		4	200.64	624257	
	5				3119		5	501.6	1564392	
	5				3033		6	1003.2	3042802	
	6	3.91	3.89	3.93	5882	5800	1	25.08	147512	4.91
	6				6036		2	50.16	302753	
	6				5345		3	100.32	536171	
	6				5558		4	200.64	1115190	
	6				6046		5	501.6	3032516	
	6				5933		6	1003.2	5952468	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.27	4.25	4.29	9296	8853	1	25.15	233801	5.57
	1				8423		2	50.3	423698	
	1				8411		3	100.6	846127	
	1				8446		4	251.5	2124178	
	1				9519		5	503	4788273	
	1				9020		6	1006	9074043	
	2	4.36	4.34	4.38	4916	4159	1	25.15	123645	10.20
	2				4298		2	50.3	216186	
	2				4105		3	100.6	412997	
	2				3792		4	251.5	953575	
	2				4088		5	503	2056254	
	2				3755		6	1006	3777118	
	3	4.43	4.41	4.45	6773	6121	1	25.15	170340	6.30
	3				5853		2	50.3	294389	
	3				5940		3	100.6	597612	
	3				5833		4	251.5	1466951	
	3				6414		5	503	3226353	
	3				5910		6	1006	5945448	
	4	4.50	4.48	4.52	4335	3657	1	25.15	109037	10.76
	4				3826		2	50.3	192453	
	4				3661		3	100.6	368300	
	4				3456		4	251.5	869080	
	4				3465		5	503	1742959	
	4				3201		6	1006	3220632	
	5	4.65	4.63	4.67	4620	4300	1	25.15	116199	4.52
	5				4256		2	50.3	214056	
	5				4187		3	100.6	421260	
	5				4042		4	251.5	1016620	
	5				4362		5	503	2193934	
	5				4334		6	1006	4359890	
	6	4.73	4.71	4.75	7578	6808	1	25.15	190598	6.08
	6				6715		2	50.3	337782	
	6				6629		3	100.6	666844	
	6				6566		4	251.5	1651252	
	6				6933		5	503	3487076	
	6				6425		6	1006	6463337	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.49	4.47	4.51	9160	8311	1	25.21	230917	5.45
	1				8046		2	50.41	405583	
	1				8067		3	100.82	813300	
	1				8196		4	201.64	1652587	
	1				7936		5	504.1	4000449	
	1				8464		6	1008.2	8533178	
	2	4.60	4.58	4.62	6832	6593	1	25.21	172232	2.48
	2				6402		2	50.41	322735	
	2				6487		3	100.82	654044	
	2				6530		4	201.64	1316680	
	2				6558		5	504.1	3305790	
	2				6747		6	1008.2	6802277	
	3	4.73	4.71	4.75	8279	8036	1	25.21	208713	6.77
	3				7132		2	50.41	359507	
	3				7885		3	100.82	794919	
	3				8333		4	201.64	1680328	
	3				7871		5	504.1	3967668	
	3				8717		6	1008.2	8788362	
	4	4.95	4.93	4.97	6207	5515	1	25.21	156467	6.88
	4				5101		2	50.41	257132	
	4				5568		3	100.82	561406	
	4				5369		4	201.64	1082526	
	4				5305		5	504.1	2674116	
	4				5542		6	1008.2	5587798	
	5	5.14	5.12	5.16	13743	12970	1	25.21	346454	5.00
	5				12011		2	50.41	605451	
	5				12776		3	100.82	1288040	
	5				12909		4	201.64	2602999	
	5				12722		5	504.1	6413202	
	5				13662		6	1008.2	13774250	
	6	5.40	5.38	5.42	9345	9013	1	25.21	235579	3.40
	6				8729		2	50.41	440037	
	6				8787		3	100.82	885885	
	6				8842		4	201.64	1782895	
	6				8924		5	504.1	4498504	
	6				9450		6	1008.2	9527196	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Calibration File: 25PCBS1725702B

GC Column (2) : MR-2 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/14/2017 9/14/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	AVERAGE CF	LEVEL	AMOUNT	PEAK HEIGHT	%RSD
Aroclor-1262	1	4.76	4.74	4.78	8076	8076	1	200.8	1621756	.00
	2	4.95	4.93	4.97	8059	8059	1	200.8	1618276	.00
	3	5.14	5.12	5.16	17056	17056	1	200.8	3424826	.00
	4	5.36	5.34	5.38	6551	6551	1	200.8	1315463	.00
	5	5.40	5.38	5.42	11433	11433	1	200.8	2295833	.00
	6	5.78	5.76	5.80	6319	6319	1	200.8	1268800	.00
Aroclor-1268	1	5.35	5.33	5.37	19084	19084	1	201	3835848	.00
	2	5.40	5.38	5.42	18726	18726	1	201	3763970	.00
	3	5.55	5.53	5.57	15694	15694	1	201	3154453	.00
	4	5.62	5.60	5.64	4096	4096	1	201	823204	.00
	5	5.77	5.75	5.79	7082	7082	1	201	1423443	.00
	6	5.97	5.95	5.99	58535	58535	1	201	11765620	.00

File Name: V:\CP25\25PCBS1725702b.CAL
Version: 8

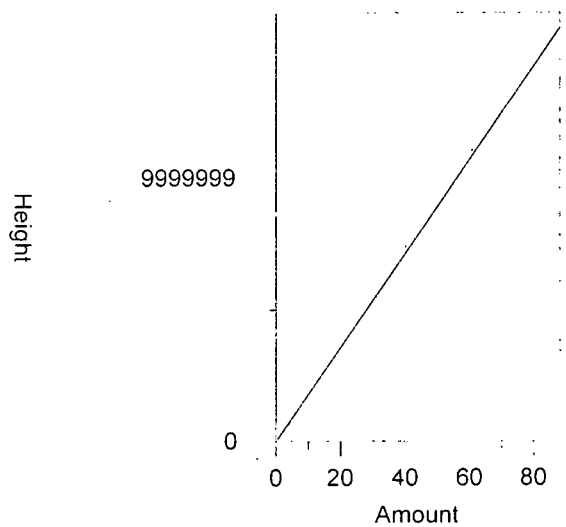
Creator:
Description:
Reason for change:

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: 2.643 minutes
Search window: 0.03 minutes
No retention time reference component
No response proxy component
Group number: 0

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

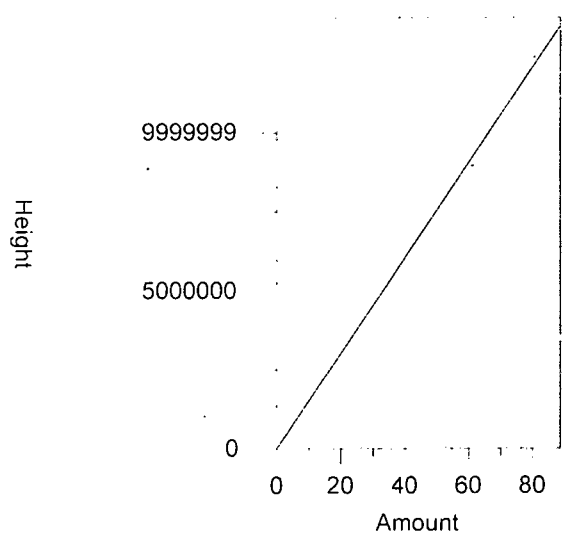
Single peak quantification by height

Y = 178747 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9976563
Average error: 3.347%
Average CF: 178747
RSD: 4.472%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2	350334.7	175167.3	-2.003	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.00
2	4	657512.3	164378.1	-8.039	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.00
3	20	3603264	180163.2	0.792	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.00
4	40	7408689	185217.2	3.620	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.01
5	60.8	1.107079E+07	182085.4	1.868	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.01
6	80	1.483767E+07	185470.9	3.762	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002B.01

2 DCB



Expected retention time:	6.132 minutes
Search window:	0.03 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 = 150996.8 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9985425
Average error:	4.087%
Average CF:	150996.8
RSD:	5.739%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2.01	334748.4	166541.5	10.295	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700
2	4.02	598426.4	148862.3	-1.414	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700
3	20.12	2839013	141104	-6.552	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700
4	40.24	5981400	148643.1	-1.559	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700
5	61.16	8982236	146864.5	-2.737	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700
6	80.48	1.239115E+07	153965.6	1.966	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs1725700

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	RT OF STANDARDS						MIDPOINT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	RT	FROM	TO
Tetrachloro-m-xylene	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.97	3.03
Decachlorobiphenyl	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.65	6.71

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	CALIBRATION FACTORS							%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	MEAN	
Tetrachloro-m-xylene	3.92E+05	3.54E+05	3.70E+05	3.92E+05	3.87E+05	3.77E+05	3.79E+05	4
Decachlorobiphenyl	1.59E+05	1.49E+05	1.32E+05	1.28E+05	1.20E+05	1.22E+05	1.35E+05	12

Average % RSD: 8

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1016	1	3.25	3.23	3.27	6574	1	25.25	197596	11.52
	1					2	50.5	346123	
	1					3	101	668664	
	1					4	202	1311878	
	1					5	505	3051780	
	1					6	1010	5664226	
	2	3.47	3.45	3.49	6729	1	25.25	199049	10.67
	2					2	50.5	356111	
	2					3	101	684995	
	2					4	202	1353604	
	2					5	505	3057455	
	2					6	1010	5962817	
	3	3.58	3.56	3.60	8022	1	25.25	234242	9.55
	3					2	50.5	424020	
	3					3	101	814739	
	3					4	202	1570260	
	3					5	505	3824135	
	3					6	1010	7116544	
	4	3.76	3.74	3.78	7854	1	25.25	195907	4.07
	4					2	50.5	370412	
	4					3	101	779542	
	4					4	202	1663440	
	4					5	505	4059212	
	4					6	1010	8119403	
	5	3.80	3.78	3.82	9217	1	25.25	263704	7.28
	5					2	50.5	475690	
	5					3	101	908764	
	5					4	202	1841288	
	5					5	505	4310326	
	5					6	1010	8880937	
	6	3.93	3.91	3.95	5654	1	25.25	167327	11.03
	6					2	50.5	306260	
	6					3	101	568798	
	6					4	202	1120595	
	6					5	505	2600442	
	6					6	1010	4952902	
Aroclor-1221	1	3.15	3.13	3.17	3044	1	200.1	609085	.00
	2	3.20	3.18	3.22	2784	1	200.1	557136	.00
	3	3.25	3.23	3.27	8480	1	200.1	1696944	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1232	1	3.25	3.23	3.27	7713	1	200.6	1547194	.00
	2	3.47	3.45	3.49	3221	1	200.6	646069	.00
	3	3.58	3.56	3.60	3859	1	200.6	774145	.00
	4	3.76	3.74	3.78	3620	1	200.6	726204	.00
	5	3.80	3.78	3.82	4518	1	200.6	906247	.00
	6	3.93	3.91	3.95	2274	1	200.6	456206	.00
Aroclor-1242	1	3.25	3.23	3.27	8803	1	200	1760538	.00
	2	3.47	3.45	3.49	8849	1	200	1769878	.00
	3	3.58	3.56	3.60	10548	1	200	2109666	.00
	4	3.76	3.74	3.78	11623	1	200	2324592	.00
	5	3.80	3.78	3.82	12750	1	200	2549986	.00
	6	3.93	3.91	3.95	7196	1	200	1439267	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1248	1	3.80	3.78	3.82	4544	1	25.08	140299	14.15
	1					2	50.16	243769	
	1					3	100.32	474314	
	1					4	200.64	832524	
	1					5	501.6	2016771	
	1					6	1003.2	3923484	
	2	3.86	3.84	3.88	4834	1	25.08	145633	12.29
	2					2	50.16	256504	
	2					3	100.32	501384	
	2					4	200.64	906294	
	2					5	501.6	2120118	
	2					6	1003.2	4353800	
	3	3.93	3.91	3.95	8048	1	25.08	238256	11.12
	3					2	50.16	426500	
	3					3	100.32	833772	
	3					4	200.64	1504185	
	3					5	501.6	3593707	
	3					6	1003.2	7338840	
	4	4.05	4.03	4.07	9088	1	25.08	269398	10.72
	4					2	50.16	469572	
	4					3	100.32	950298	
	4					4	200.64	1683775	
	4					5	501.6	4155262	
	4					6	1003.2	8303367	
	5	4.14	4.12	4.16	7868	1	25.08	233903	10.34
	5					2	50.16	403789	
	5					3	100.32	805095	
	5					4	200.64	1465920	
	5					5	501.6	3558466	
	5					6	1003.2	7431829	
	6	4.32	4.30	4.34	8405	1	25.08	234215	6.38
	6					2	50.16	419988	
	6					3	100.32	858438	
	6					4	200.64	1569701	
	6					5	501.6	3990821	
	6					6	1003.2	8405661	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.31	4.29	4.33	9062	1	25.15	265058	9.13
	1					2	50.3	463097	
	1					3	100.6	935490	
	1					4	251.5	2148495	
	1					5	503	4212779	
	1					6	1006	8461865	
	2	4.65	4.63	4.67	9611	1	25.15	258636	4.54
	2					2	50.3	498819	
	2					3	100.6	967920	
	2					4	251.5	2289712	
	2					5	503	4650526	
	2					6	1006	9551047	
	3	4.71	4.69	4.73	20333	1	25.15	558591	4.76
	3					2	50.3	997152	
	3					3	100.6	1999076	
	3					4	251.5	4915956	
	3					5	503	10106780	
	3					6	1006	20573340	
	4	4.93	4.91	4.95	12429	1	25.15	342600	5.66
	4					2	50.3	624806	
	4					3	100.6	1240974	
	4					4	251.5	2876281	
	4					5	503	6146375	
	4					6	1006	12614900	
	5	5.13	5.11	5.15	7112	1	25.15	190521	4.65
	5					2	50.3	358291	
	5					3	100.6	713857	
	5					4	251.5	1664608	
	5					5	503	3479452	
	5					6	1006	7383292	
	6	5.25	5.23	5.27	9342	1	25.15	265236	7.99
	6					2	50.3	496877	
	6					3	100.6	912798	
	6					4	251.5	2164034	
	6					5	503	4371353	
	6					6	1006	9315971	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.84	4.82	4.86	14554	1	25.21	401073	4.84
	1					2	50.41	743327	
	1					3	100.82	1420301	
	1					4	201.64	2855469	
	1					5	504.1	7150358	
	1					6	1008.2	14354970	
	2	5.04	5.02	5.06	14286	1	25.21	384699	4.40
	2					2	50.41	686166	
	2					3	100.82	1404227	
	2					4	201.64	2823861	
	2					5	504.1	7089278	
	2					6	1008.2	14973330	
	3	5.25	5.23	5.27	13556	1	25.21	356198	3.18
	3					2	50.41	655155	
	3					3	100.82	1332955	
	3					4	201.64	2704916	
	3					5	504.1	6870037	
	3					6	1008.2	14061570	
	4	5.47	5.45	5.49	7850	1	25.21	215854	6.16
	4					2	50.41	384497	
	4					3	100.82	789554	
	4					4	201.64	1459466	
	4					5	504.1	3822787	
	4					6	1008.2	8326508	
	5	5.71	5.69	5.73	19224	1	25.21	500577	3.69
	5					2	50.41	938427	
	5					3	100.82	1915731	
	5					4	201.64	3686137	
	5					5	504.1	9840190	
	5					6	1008.2	20236460	
	6	5.91	5.89	5.93	12572	1	25.21	361314	7.34
	6					2	50.41	644840	
	6					3	100.82	1242937	
	6					4	201.64	2407153	
	6					5	504.1	5984682	
	6					6	1008.2	12270570	

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Calibration File: 07PCBS1725001

GC Column (1) : ZB MR1 ID: 0.32 (mm)

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1262	1	5.31	5.29	5.33	11647	1	200.8	2338664	.00
	2	5.47	5.45	5.49	10354	1	200.8	2079036	.00
	3	5.71	5.69	5.73	22718	1	200.8	4561816	.00
	4	5.91	5.89	5.93	15506	1	200.8	3113592	.00
	5	5.97	5.95	5.99	7802	1	200.8	1566639	.00
	6	6.33	6.31	6.35	6996	1	200.8	1404776	.00
Aroclor-1268	1	5.91	5.89	5.93	27816	1	201	5591006	.00
	2	5.97	5.95	5.99	24053	1	201	4834672	.00
	3	6.10	6.08	6.12	23083	1	201	4639698	.00
	4	6.16	6.14	6.18	6060	1	201	1218157	.00
	5	6.33	6.31	6.35	7113	1	201	1429771	.00
	6	6.53	6.51	6.55	46819	1	201	9410568	.00

File Name: V:\CP7\07pcbs1725001.CAL
Version: 8

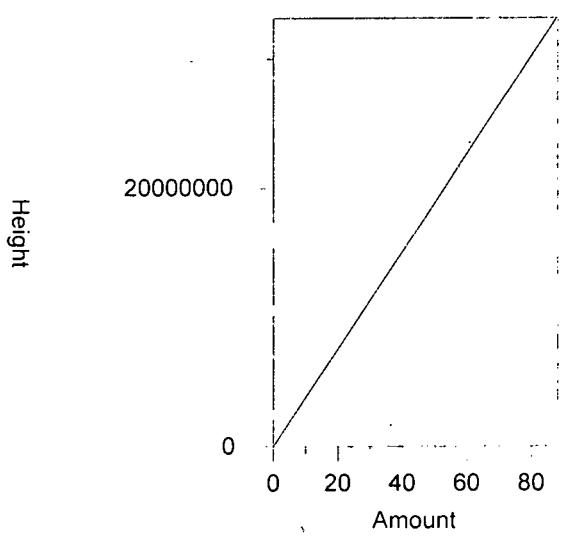
Creator:
Description:
Reason for change:

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: 2.999 minutes
Search window: 0.03 minutes
No retention time reference component
No response proxy component
Group number: 0

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

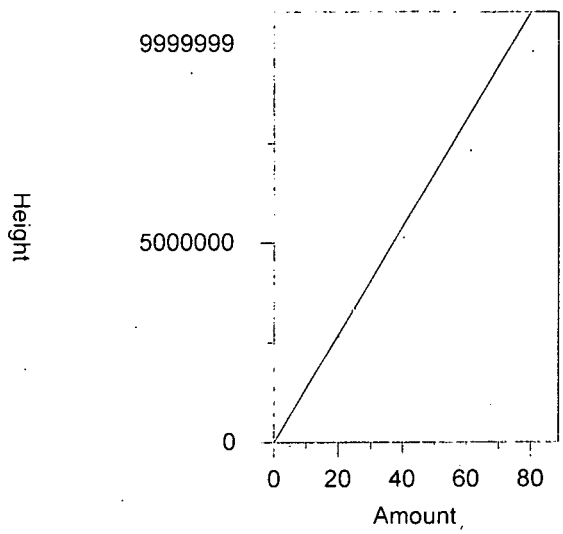
Single peak quantification by height

Y = 378502.9 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.999175
Average error: 3.063%
Average CF: 378502.9
RSD: 3.925%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2	783218.1	391609.1	3.463	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0007.
2	4	1414990	353747.5	-6.540	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0008.
3	20	7404398	370219.9	-2.188	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0009.
4	40	1.567273E+07	391818.3	3.518	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0010.
5	60.8	2.35211E+07	386860.2	2.208	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0011.
6	80	3.0141E+07	376762.5	-0.460	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0012.

2 DCB



Expected retention time:	6.679 minutes
Search window:	0.03 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 = 134978.9 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9715669
Average error:	9.522%
Average CF:	134978.9
RSD:	11.734%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2.01	319745	159077.1	17.853	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.000
2	4.02	600746.2	149439.3	10.713	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.000
3	20.12	2656202	132018	-2.194	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.000
4	40.24	5136052	127635.5	-5.440	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.001
5	61.16	7322093	119720.3	-11.304	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.001
6	80.48	9817195	121983	-9.628	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.001

6D

INITIAL CALIBRATION - RETENTION TIME SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	RT OF STANDARDS						MIDPOINT	RT WINDOW	
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	RT	FROM	TO
Tetrachloro-m-xylene	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.62	2.68
Decachlorobiphenyl	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.13	6.19

6E

INITIAL CALIBRATION - CALIBRATION FACTOR SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	CALIBRATION FACTORS							%RSD
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	MEAN	
Tetrachloro-m-xylene	3.99E+05	3.64E+05	3.89E+05	3.90E+05	3.98E+05	3.92E+05	3.89E+05	3
Decachlorobiphenyl	1.83E+05	1.67E+05	1.57E+05	1.57E+05	1.45E+05	1.47E+05	1.59E+05	9

Average % RSD: 6

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1016	1	2.94	2.92	2.96	6726	1	25.25	201372	12.49
	1					2	50.5	364749	
	1					3	101	691963	
	1					4	202	1345072	
	1					5	505	3033606	
	1					6	1010	5695418	
	2	3.14	3.12	3.16	8554	1	25.25	257916	13.13
	2					2	50.5	461335	
	2					3	101	889610	
	2					4	202	1717056	
	2					5	505	3843472	
	2					6	1010	7123490	
	3	3.27	3.25	3.29	8455	1	25.25	248538	10.39
	3					2	50.5	443372	
	3					3	101	874149	
	3					4	202	1678713	
	3					5	505	3982540	
	3					6	1010	7326357	
	4	3.42	3.40	3.44	9061	1	25.25	234582	3.20
	4					2	50.5	437246	
	4					3	101	935046	
	4					4	202	1842106	
	4					5	505	4698704	
	4					6	1010	8825775	
	5	3.46	3.44	3.48	8511	1	25.25	240362	6.63
	5					2	50.5	434549	
	5					3	101	852437	
	5					4	202	1698858	
	5					5	505	4185390	
	5					6	1010	7880640	
	6	3.59	3.57	3.61	7010	1	25.25	203515	8.53
	6					2	50.5	358346	
	6					3	101	711838	
	6					4	202	1401445	
	6					5	505	3353200	
	6					6	1010	6342038	
Aroclor-1221	1	2.82	2.80	2.84	3663	1	200.1	733034	.00
	2	2.88	2.86	2.90	2298	1	200.1	459804	.00
	3	2.94	2.92	2.96	9033	1	200.1	1807416	.00

6F

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1232	1	2.94	2.92	2.96	8228	1	200.6	1650608	.00
	2	3.14	3.12	3.16	4319	1	200.6	866316	.00
	3	3.27	3.25	3.29	4177	1	200.6	837906	.00
	4	3.42	3.40	3.44	4170	1	200.6	836506	.00
	5	3.46	3.44	3.48	4247	1	200.6	851850	.00
	6	3.59	3.57	3.61	2947	1	200.6	591234	.00
Aroclor-1242	1	2.94	2.92	2.96	9301	1	200	1860148	.00
	2	3.14	3.12	3.16	7553	1	200	1510613	.00
	3	3.27	3.25	3.29	11051	1	200	2210237	.00
	4	3.42	3.40	3.44	13157	1	200	2631488	.00
	5	3.46	3.44	3.48	11780	1	200	2355990	.00
	6	3.59	3.57	3.61	8861	1	200	1772266	.00

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1248	1	3.46	3.44	3.48	3898	1	25.08	117271	12.37
	1					2	50.16	204459	
	1					3	100.32	409498	
	1					4	200.64	745458	
	1					5	501.6	1723511	
	1					6	1003.2	3413511	
	2	3.53	3.51	3.55	5344	1	25.08	155384	10.56
	2					2	50.16	273953	
	2					3	100.32	574532	
	2					4	200.64	1021441	
	2					5	501.6	2337675	
	2					6	1003.2	4941948	
	3	3.57	3.55	3.59	9202	1	25.08	270792	10.84
	3					2	50.16	485565	
	3					3	100.32	957950	
	3					4	200.64	1742696	
	3					5	501.6	4141484	
	3					6	1003.2	8268068	
	4	3.69	3.67	3.71	11064	1	25.08	317618	9.04
	4					2	50.16	569135	
	4					3	100.32	1154113	
	4					4	200.64	2153936	
	4					5	501.6	5140846	
	4					6	1003.2	9913679	
	5	3.78	3.76	3.80	7650	1	25.08	217644	7.37
	5					2	50.16	392180	
	5					3	100.32	770118	
	5					4	200.64	1450078	
	5					5	501.6	3666750	
	5					6	1003.2	7213186	
	6	3.92	3.90	3.94	14552	1	25.08	411710	6.77
	6					2	50.16	727872	
	6					3	100.32	1466791	
	6					4	200.64	2851387	
	6					5	501.6	6993338	
	6					6	1003.2	13655940	

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1254	1	4.22	4.20	4.24	11541	1	25.15	316238	5.50
	1					2	50.3	597165	
	1					3	100.6	1177319	
	1					4	251.5	2807490	
	1					5	503	5481992	
	1					6	1006	11099250	
	2	4.28	4.26	4.30	20406	1	25.15	562832	6.11
	2					2	50.3	1074113	
	2					3	100.6	2058443	
	2					4	251.5	4899861	
	2					5	503	9771787	
	2					6	1006	19445050	
	3	4.37	4.35	4.39	9585	1	25.15	272916	8.90
	3					2	50.3	518578	
	3					3	100.6	972408	
	3					4	251.5	2287037	
	3					5	503	4454693	
	3					6	1006	8784515	
	4	4.44	4.42	4.46	12604	1	25.15	348961	6.74
	4					2	50.3	670129	
	4					3	100.6	1263308	
	4					4	251.5	2929522	
	4					5	503	5995598	
	4					6	1006	12373430	
	5	4.66	4.64	4.68	8873	1	25.15	239925	4.45
	5					2	50.3	447172	
	5					3	100.6	901461	
	5					4	251.5	2093836	
	5					5	503	4386771	
	5					6	1006	8856384	
	6	4.74	4.72	4.76	14059	1	25.15	377727	5.59
	6					2	50.3	751289	
	6					3	100.6	1432641	
	6					4	251.5	3372104	
	6					5	503	6756052	
	6					6	1006	13400100	

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1260	1	4.37	4.35	4.39	14903	1	25.21	415911	5.61
	1					2	50.41	744101	
	1					3	100.82	1495484	
	1					4	201.64	2958760	
	1					5	504.1	7387740	
	1					6	1008.2	14114620	
	2	4.51	4.49	4.53	17096	1	25.21	467912	4.25
	2					2	50.41	850231	
	2					3	100.82	1675260	
	2					4	201.64	3415482	
	2					5	504.1	8430357	
	2					6	1008.2	17010030	
	3	4.62	4.60	4.64	13824	1	25.21	361109	2.56
	3					2	50.41	682487	
	3					3	100.82	1344837	
	3					4	201.64	2811927	
	3					5	504.1	7070690	
	3					6	1008.2	13882450	
	4	4.74	4.72	4.76	16682	1	25.21	440426	3.54
	4					2	50.41	797026	
	4					3	100.82	1631334	
	4					4	201.64	3395300	
	4					5	504.1	8521979	
	4					6	1008.2	17023370	
	5	5.16	5.14	5.18	21538	1	25.21	563581	3.38
	5					2	50.41	1029369	
	5					3	100.82	2112827	
	5					4	201.64	4458896	
	5					5	504.1	10882510	
	5					6	1008.2	21972460	
	6	5.42	5.40	5.44	12754	1	25.21	335705	3.53
	6					2	50.41	607827	
	6					3	100.82	1277236	
	6					4	201.64	2524940	
	6					5	504.1	6463348	
	6					6	1008.2	13248180	

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Calibration File: 07PCBS1725001B

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

ICAL Date(s) Analyzed: 9/7/2017 9/8/2017

COMPOUND	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR	LEVEL	AMOUNT (ng)	PEAK HEIGHT	%RSD
Aroclor-1262	1	4.78	4.76	4.80	16311	1	200.8	3275284	.00
	2	4.97	4.95	4.99	15179	1	200.8	3047896	.00
	3	5.16	5.14	5.18	28007	1	200.8	5623768	.00
	4	5.38	5.36	5.40	10129	1	200.8	2033996	.00
	5	5.42	5.40	5.44	17087	1	200.8	3430987	.00
	6	5.80	5.78	5.82	7313	1	200.8	1468412	.00
Aroclor-1268	1	5.38	5.36	5.40	29022	1	201	5833378	.00
	2	5.42	5.40	5.44	27826	1	201	5593044	.00
	3	5.58	5.56	5.60	23264	1	201	4676043	.00
	4	5.64	5.62	5.66	5663	1	201	1138296	.00
	5	5.80	5.78	5.82	7975	1	201	1603028	.00
	6	6.00	5.98	6.02	54885	1	201	11031980	.00

File Name: V:\CP7\07pcbs1725001b.CAL
Version: 8

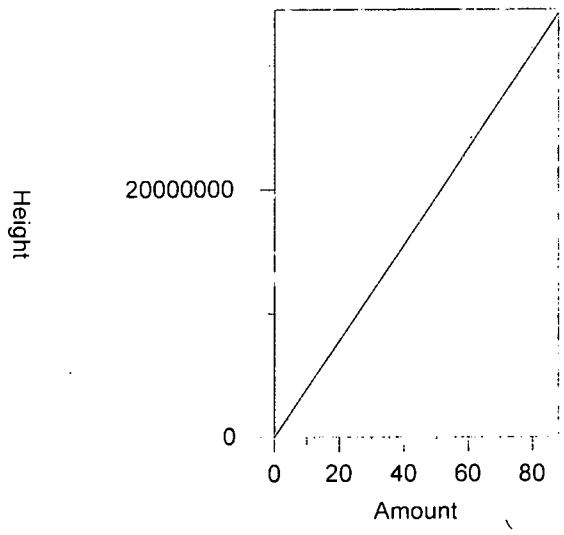
Creator:
Description:
Reason for change:

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: 2.653 minutes
Search window: 0.03 minutes
No retention time reference component
No response proxy component
Group number: 0

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

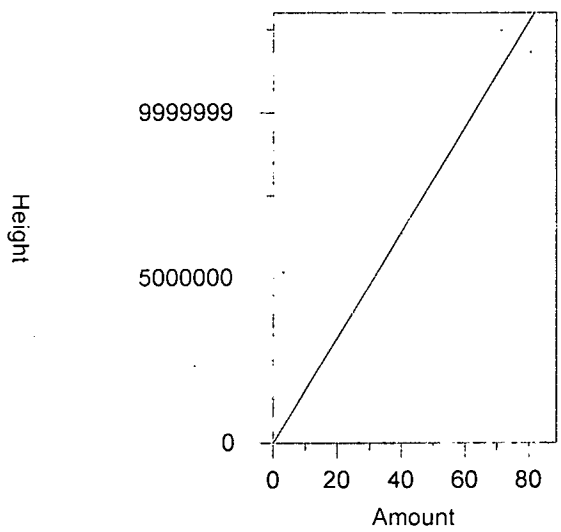
Single peak quantification by height

Y = 388622.5 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9994587
Average error: 2.116%
Average CF: 388622.5
RSD: 3.297%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2	798335.3	399167.7	2.713	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.000
2	4	1455788	363947	-6.349	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.000
3	20	7774236	388711.8	0.023	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.000
4	40	1.558321E+07	389580.3	0.246	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.001
5	60.8	2.418814E+07	397831.3	2.370	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.001
6	80	3.139977E+07	392497.1	0.997	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.001

2 DCB



Expected retention time:	6.159 minutes
Search window:	0.03 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 = 159304.2 X + 0

Average CF fit with equal weighting, forced to origin

Coefficient of determination:	0.9832096
Average error:	6.581%
Average CF:	159304.2
RSD:	8.910%

Level	Amount	Response	Cal Factor	Error, %	Source
1	2.01	368631.7	183398.8	15.125	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E
2	4.02	669980.2	166661.7	4.619	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E
3	20.12	3155403	156829.2	-1.554	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E
4	40.24	6323942	157155.6	-1.349	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E
5	61.16	8862076	144899.9	-9.042	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E
6	80.48	1.18209E+07	146880	-7.799	\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001E

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/14/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 21:41

Lab File ID: 25PCBS17257002.032.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: IC16XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	42.18	40.00	5
Decachlorobiphenyl	6.64	6.61	6.67	39.16	40.24	-3
Aroclor-1016	3.21	3.19	3.23	199.35	201.00	-1
	3.43	3.41	3.45	205.30	201.00	2
	3.54	3.52	3.56	204.51	201.00	2
	3.76	3.74	3.78	200.93	201.00	0
	3.82	3.79	3.83	203.58	201.00	1
	4.01	3.99	4.03	197.33	201.00	-2
Aroclor-1260	4.99	4.97	5.01	186.97	201.80	-7
	5.19	5.17	5.21	186.48	201.80	-8
	5.26	5.24	5.28	186.36	201.80	-8
	5.42	5.40	5.44	191.77	201.80	-5
	5.66	5.64	5.68	194.13	201.80	-4
	5.86	5.84	5.88	193.76	201.80	-4

Compounds 14 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/14/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 21:41

Lab File ID: 25PCBS17257002B.032.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: IC16XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	41.98	40.00	5
Decachlorobiphenyl	6.13	6.10	6.16	39.84	40.24	-1
Aroclor-1016	2.92	2.91	2.95	198.45	201.00	-1
	3.13	3.11	3.15	194.51	201.00	-3
	3.25	3.23	3.27	198.70	201.00	-1
	3.45	3.43	3.47	191.28	201.00	-5
	3.52	3.50	3.54	198.73	201.00	-1
	3.56	3.54	3.58	195.66	201.00	-3
Aroclor-1260	4.50	4.47	4.51	189.33	201.80	-6
	4.60	4.58	4.62	194.16	201.80	-4
	4.73	4.71	4.75	180.62	201.80	-10
	4.95	4.93	4.97	182.35	201.80	-10
	5.14	5.12	5.16	193.51	201.80	-4
	5.40	5.38	5.42	186.14	201.80	-8

Compounds 14 Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/14/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 21:52

Lab File ID: 25PCBS17257002.033.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: IC48XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	40.37	40.00	1
Decachlorobiphenyl	6.64	6.61	6.67	36.63	40.24	-9
Aroclor-1248	3.76	3.74	3.78	184.01	200.60	-8
	3.82	3.80	3.84	190.32	200.60	-5
	3.89	3.86	3.90	193.41	200.60	-4
	4.01	3.99	4.03	201.87	200.60	1
	4.10	4.08	4.12	189.48	200.60	-6
	4.28	4.26	4.30	205.35	200.60	2

Compounds 8 Average of %D: 5

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/14/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 21:52

Lab File ID: 25PCBS17257002B.033.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: IC48XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	40.13	40.00	0
Decachlorobiphenyl	6.13	6.10	6.16	36.56	40.24	-9
Aroclor-1248	3.45	3.43	3.47	179.87	200.60	-10
	3.52	3.50	3.54	185.72	200.60	-7
	3.56	3.54	3.58	193.69	200.60	-3
	3.68	3.66	3.70	198.73	200.60	-1
	3.77	3.75	3.79	195.13	200.60	-3
	3.91	3.89	3.93	189.43	200.60	-6

Compounds 8 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/14/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 22:03

Lab File ID: 25PCBS17257002.034.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: IC54XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	19.50	20.00	-2
Decachlorobiphenyl	6.64	6.61	6.67	18.25	20.12	-9
Aroclor-1254	4.26	4.24	4.28	234.24	250.00	-6
	4.41	4.39	4.43	236.24	250.00	-6
	4.67	4.65	4.69	245.05	250.00	-2
	4.88	4.86	4.90	243.29	250.00	-3
	5.08	5.06	5.10	241.95	250.00	-3
	5.19	5.17	5.21	243.05	250.00	-3

Compounds 8 Average of %D: 4

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/14/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 22:03

Lab File ID: 25PCBS17257002B.034.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: IC54XAA Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	19.89	20.00	-1
Decachlorobiphenyl	6.13	6.10	6.16	18.99	20.12	-6
Aroclor-1254	4.27	4.25	4.29	249.86	250.00	0
	4.36	4.34	4.38	238.18	250.00	-5
	4.43	4.41	4.45	242.51	250.00	-3
	4.50	4.48	4.52	234.22	250.00	-6
	4.65	4.63	4.67	249.35	250.00	0
	4.73	4.71	4.75	226.74	250.00	-9

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 Date Analyzed: 09/08/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 4:20

Lab File ID: 07PCBS17250001.0032.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: IC16XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	40.16	40.00	0
Decachlorobiphenyl	6.68	6.65	6.71	38.42	40.24	-5
Aroclor-1016	3.25	3.23	3.27	191.91	201.00	-5
	3.47	3.45	3.49	196.13	201.00	-2
	3.58	3.56	3.60	196.05	201.00	-2
	3.76	3.74	3.78	212.84	201.00	6
	3.80	3.78	3.82	205.44	201.00	2
	3.93	3.91	3.95	200.37	201.00	0
Aroclor-1260	4.84	4.82	4.86	191.79	201.80	-5
	5.04	5.02	5.06	187.66	201.80	-7
	5.24	5.23	5.27	180.71	201.80	-10
	5.47	5.45	5.49	193.20	201.80	-4
	5.71	5.69	5.73	189.75	201.80	-6
	5.91	5.89	5.93	175.65	201.80	-13

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/08/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 4:20

Lab File ID: 07PCBS17250001B.0032.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: IC16XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	41.47	40.00	4
Decachlorobiphenyl	6.16	6.13	6.19	37.21	40.24	-8
Aroclor-1016	2.94	2.92	2.96	195.56	201.00	-3
	3.14	3.12	3.16	209.67	201.00	4
	3.27	3.25	3.29	204.34	201.00	2
	3.42	3.40	3.44	213.04	201.00	6
	3.46	3.44	3.48	210.47	201.00	5
	3.59	3.57	3.61	209.97	201.00	4
Aroclor-1260	4.37	4.35	4.39	192.46	201.80	-5
	4.51	4.49	4.53	197.74	201.80	-2
	4.61	4.60	4.64	198.05	201.80	-2
	4.74	4.72	4.76	186.91	201.80	-7
	5.16	5.14	5.18	201.01	201.80	0
	5.42	5.40	5.44	198.04	201.80	-2

Compounds 14 Average of %D: 4

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/08/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 4:31

Lab File ID: 07PCBS17250001.0033.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: IC48XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	39.66	40.00	-1
Decachlorobiphenyl	6.68	6.65	6.71	37.03	40.24	-8
Aroclor-1248	3.80	3.78	3.82	178.33	200.60	-11
	3.86	3.84	3.88	182.37	200.60	-9
	3.93	3.91	3.95	186.26	200.60	-7
	4.05	4.03	4.07	190.07	200.60	-5
	4.14	4.12	4.16	197.45	200.60	-2
	4.32	4.30	4.34	192.37	200.60	-4

Compounds 8 Average of %D: 6

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/08/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 4:31

Lab File ID: 07PCBS17250001B.0033.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: IC48XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	40.26	40.00	1
Decachlorobiphenyl	6.16	6.13	6.19	37.89	40.24	-6
Aroclor-1248	3.46	3.44	3.48	183.62	200.60	-8
	3.53	3.51	3.55	186.44	200.60	-7
	3.56	3.55	3.59	191.21	200.60	-5
	3.69	3.67	3.71	193.68	200.60	-3
	3.78	3.76	3.80	203.95	200.60	2
	3.92	3.90	3.94	206.29	200.60	3

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 Date Analyzed: 09/08/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 4:42

Lab File ID: 07PCBS17250001.0034.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: IC54XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	19.60	20.00	-2
Decachlorobiphenyl	6.68	6.65	6.71	17.92	20.12	-11
Aroclor-1254	4.31	4.29	4.33	224.16	250.00	-10
	4.65	4.63	4.67	230.69	250.00	-8
	4.71	4.69	4.73	227.28	250.00	-9
	4.93	4.91	4.95	215.79	250.00	-14
	5.13	5.11	5.15	224.98	250.00	-10
	5.25	5.23	5.27	229.70	250.00	-8

Compounds 8 Average of %D: 9

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/08/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 4:42

Lab File ID: 07PCBS17250001B.0034.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: IC54XAA Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	20.44	20.00	2
Decachlorobiphenyl	6.16	6.13	6.19	18.97	20.12	-6
Aroclor-1254	4.22	4.20	4.24	237.11	250.00	-5
	4.28	4.26	4.30	232.77	250.00	-7
	4.37	4.35	4.39	229.23	250.00	-8
	4.44	4.42	4.46	228.74	250.00	-9
	4.66	4.64	4.68	230.27	250.00	-8
	4.74	4.72	4.76	234.57	250.00	-6

Compounds 8 Average of %D: 6

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/18/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 7:39

Lab File ID: 25PCBS17257004.074.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: AR164AD Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	40.67	40.00	2
Decachlorobiphenyl	6.64	6.61	6.67	37.31	40.24	-7
Aroclor-1016	3.21	3.19	3.23	200.71	202.00	-1
	3.43	3.41	3.45	197.24	202.00	-2
	3.54	3.52	3.56	197.38	202.00	-2
	3.76	3.74	3.78	193.00	202.00	-4
	3.82	3.79	3.83	200.07	202.00	-1
	4.01	3.99	4.03	187.87	202.00	-7
Aroclor-1260	4.99	4.97	5.01	188.33	201.64	-7
	5.19	5.17	5.21	194.83	201.64	-3
	5.26	5.24	5.28	187.96	201.64	-7
	5.42	5.40	5.44	186.52	201.64	-8
	5.66	5.64	5.68	184.82	201.64	-8
	5.86	5.84	5.88	180.74	201.64	-10

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/18/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 7:39

Lab File ID: 25PCBS17257004B.074.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: AR164AD Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	41.61	40.00	4
Decachlorobiphenyl	6.13	6.10	6.16	37.56	40.24	-7
Aroclor-1016	2.93	2.91	2.95	197.92	202.00	-2
	3.13	3.11	3.15	200.31	202.00	-1
	3.25	3.23	3.27	197.40	202.00	-2
	3.45	3.43	3.47	194.23	202.00	-4
	3.52	3.50	3.54	195.81	202.00	-3
	3.56	3.54	3.58	199.82	202.00	-1
Aroclor-1260	4.49	4.47	4.51	197.81	201.64	-2
	4.60	4.58	4.62	202.62	201.64	0
	4.73	4.71	4.75	196.76	201.64	-2
	4.95	4.93	4.97	189.72	201.64	-6
	5.14	5.12	5.16	201.36	201.64	0
	5.40	5.38	5.42	195.73	201.64	-3

Compounds 14 Average of %D: 3

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAM Sample ID: AM **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 07:51:11
Instrument : CP25--18274A
Result file : 25PCBS17257004.075.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 101% (53-140) Conc.: 0.203082
%SSR(DCB) : 89% (45-143) Conc.: 0.179927

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**29.92**	
3.41	3.41	3.45	730.6144	0.003916			2
3.52	3.53	3.56	1190.586	0.005074			3
3.74	3.76	3.78	987.105	0.003359			4
3.99	4.00	4.03	463.114	0.002429			6
Height Summation:			**3371.4194**				
Amount Avg CF:			**0.003695**	Linear:			
Aroclor-1221					**2**	**138.16**	
3.09	3.11	3.13	379.9508	0.003997			1
3.14	3.16	3.18	30218.37	0.343023			2
Height Summation:			**30598.3208**				
Amount Avg CF:			**0.17351**	Linear:			
Aroclor-1232					**4**	**26.23**	
3.40	3.41	3.44	730.6144	0.008564			2
3.52	3.53	3.56	1190.586	0.010869			3
3.73	3.76	3.77	987.105	0.007255			4
3.99	4.00	4.03	463.114	0.005849			6
Height Summation:			**3371.4194**				
Amount Avg CF:			**0.008135**	Linear:			
Aroclor-1242					**4**	**30.15**	
3.41	3.41	3.45	730.6144	0.002897			2
3.52	3.53	3.56	1190.586	0.00372			3
3.74	3.76	3.78	987.105	0.002428			4
3.99	4.00	4.03	463.114	0.001781			6
Height Summation:			**3371.4194**				
Amount Avg CF:			**0.002707**	Linear:			
Aroclor-1248					**4**	**82.00**	
3.74	3.76	3.78	987.105	0.007993			1
3.99	4.00	4.03	463.114	0.001714			4
4.08	4.10	4.12	397.7575	0.001659			5
4.26	4.29	4.30	2572.631	0.010498			6
Height Summation:			**4420.6075**				
Amount Avg CF:			**0.005466**	Linear:			
Aroclor-1254					**6**	**73.21**	
4.24	4.25	4.28	678.2149	0.002556			1
4.39	4.40	4.43	432.8374	0.000956			2
4.65	4.65	4.68	2630.847	0.004172			3
4.86	4.89	4.90	414.7632	0.000902			4
5.06	5.08	5.10	672.8813	0.001878			5
5.17	5.21	5.21	304.1506	0.000609			6
Height Summation:			**5133.6944**				
Amount Avg CF:			**0.001845**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 07:51:11
Instrument : CP25--18274B
Result file : 25PCBS17257004B.075.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 101% (53-140) Conc.: 0.204204
%SSR(DCB) : 89% (45-143) Conc.: 0.180448

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**2**	**21.26**	
2.91	2.92	2.95	1374.805	0.004659			1
3.11	3.12	3.15	836.092	0.003441			2
+ 3.11	3.14	3.15	621.3682	0.002558			2
Height Summation:			**2210.897**				
Amount Avg CF:			**0.00405**	Linear:			
Aroclor-1221					**2**	**139.59**	
2.85	2.86	2.89	51504.1	0.510447			2
2.91	2.92	2.95	1374.805	0.003333			3
Height Summation:			**52878.905**				
Amount Avg CF:			**0.25689**	Linear:			
Aroclor-1232					**2**	**41.75**	
2.91	2.92	2.95	1374.805	0.004008			1
3.11	3.12	3.15	836.092	0.007367			2
+ 3.11	3.14	3.15	621.3682	0.005475			2
Height Summation:			**2210.897**				
Amount Avg CF:			**0.005688**	Linear:			
Aroclor-1242					**2**	**10.71**	
2.91	2.92	2.95	1374.805	0.003419			1
3.11	3.12	3.15	836.092	0.002938			2
+ 3.11	3.14	3.15	621.3682	0.002183			2
Height Summation:			**2210.897**				
Amount Avg CF:			**0.003179**	Linear:			
Aroclor-1248					**2**	**13.39**	
3.75	3.77	3.79	1674.381	0.005266			5
3.89	3.92	3.93	2526.016	0.004355			6
Height Summation:			**4200.397**				
Amount Avg CF:			**0.004811**	Linear:			
Aroclor-1254					**2**	**37.78**	
4.25	4.28	4.29	1866.53	0.002108			1
4.71	4.72	4.75	2481.854	0.003646			6
Height Summation:			**4348.384**				
Amount Avg CF:			**0.002877**	Linear:			
Aroclor-1260					**3**	**88.57**	
4.58	4.61	4.62	6043.028	0.009166			2
4.71	4.72	4.75	2481.854	0.003088			3
5.38	5.40	5.42	1332.553	0.001479			6
Height Summation:			**9857.435**				
Amount Avg CF:			**0.004578**	Linear:			
Aroclor-1262					**2**	**66.32**	
4.74	4.77	4.78	2603.559	0.003224			1
5.38	5.40	5.42	1332.553	0.001165			5
Height Summation:			**3936.112**				
Amount Avg CF:			**0.002195**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAM Sample ID: AM **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 07:51:11
Instrument : CP25--18274A
Result file : 25PCBS17257004.075.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**5**	**124.44**	
4.97	5.01	5.01	2942.394	0.005051			1
5.17	5.21	5.21	304.1506	0.000422			2
5.40	5.41	5.44	507.5345	0.001378			4
+ 5.40	5.42	5.44	467.2158	0.001269			4
5.64	5.66	5.68	388.2798	0.00038			5
5.84	5.85	5.88	447.654	0.00071			6
Height Summation:			**4590.0129**				
Amount Avg CF:			**0.001588**	Linear:			
Aroclor-1262					**4**	**107.18**	
5.41	5.42	5.45	467.2158	0.000908			2
+ 5.64	5.66	5.68	388.2798	0.0003			3
5.64	5.68	5.68	6293.312	0.004863			3
5.85	5.85	5.89	447.654	0.000575			4
5.90	5.93	5.94	438.0294	0.001145			5
Height Summation:			**7646.2112**				
Amount Avg CF:			**0.001873**	Linear:			
Aroclor-1268					**6**	**153.93**	
5.84	5.85	5.88	447.654	0.000317			1
5.90	5.93	5.94	438.0294	0.000354			2
6.03	6.05	6.07	14070.75	0.011938			3
6.10	6.11	6.14	12708.48	0.041139			4
6.27	6.27	6.31	1719.198	0.003322			5
6.47	6.49	6.51	16717.31	0.004252			6
Height Summation:			**46101.4214**				
Amount Avg CF:			**0.01022**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 07:51:11
Instrument : CP25--18274B
Result file : 25PCBS17257004B.075.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**4**	**125.74**	
5.38	5.40	5.42	1332.553	0.000712			2
5.53	5.55	5.57	21152.56	0.013478			3
5.60	5.62	5.64	18013.47	0.043983			4
5.95	5.97	5.99	25418.32	0.004342			6
Height Summation:			**65916.903**				
Amount Avg CF:			**0.015629**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						9.19	4	40	
Aroclor-1221						38.75	3	5	
Aroclor-1232						35.40	4	10	
Aroclor-1242						16.04	4	30	
Aroclor-1248						12.75	4	40	
Aroclor-1254						** 43.69	4	40	
Aroclor-1260						** 96.97	4	40	
Aroclor-1262						15.82	4	40	
Aroclor-1268						** 41.85	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/18/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 11:49

Lab File ID: 25PCBS17257004.096.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: AR164AE Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	39.97	40.00	0
Decachlorobiphenyl	6.64	6.61	6.67	37.34	40.24	-7
Aroclor-1016	3.21	3.19	3.23	193.85	202.00	-4
	3.43	3.41	3.45	195.99	202.00	-3
	3.54	3.52	3.56	193.22	202.00	-4
	3.76	3.74	3.78	191.69	202.00	-5
	3.82	3.79	3.83	196.52	202.00	-3
	4.01	3.99	4.03	193.74	202.00	-4
Aroclor-1260	4.99	4.97	5.01	192.14	201.64	-5
	5.19	5.17	5.21	189.61	201.64	-6
	5.26	5.24	5.28	187.26	201.64	-7
	5.42	5.40	5.44	189.50	201.64	-6
	5.66	5.64	5.68	187.81	201.64	-7
	5.86	5.84	5.88	184.66	201.64	-8

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/18/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 11:49

Lab File ID: 25PCBS17257004B.096.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: AR164AE Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	40.97	40.00	2
Decachlorobiphenyl	6.13	6.10	6.16	38.17	40.24	-5
Aroclor-1016	2.93	2.91	2.95	198.01	202.00	-2
	3.13	3.11	3.15	190.18	202.00	-6
	3.25	3.23	3.27	190.11	202.00	-6
	3.45	3.43	3.47	193.16	202.00	-4
	3.52	3.50	3.54	189.94	202.00	-6
	3.56	3.54	3.58	194.06	202.00	-4
Aroclor-1260	4.50	4.47	4.51	195.47	201.64	-3
	4.60	4.58	4.62	199.33	201.64	-1
	4.73	4.71	4.75	197.11	201.64	-2
	4.95	4.93	4.97	194.45	201.64	-4
	5.14	5.12	5.16	197.61	201.64	-2
	5.40	5.38	5.42	198.78	201.64	-1

Compounds 14 Average of %D: 3

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAN Sample ID: AN **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 12:00:52
Instrument : CP25--18274A
Result file : 25PCBS17257004.097.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 98% (53-140) Conc.: 0.198126
%SSR(DCB) : 95% (45-143) Conc.: 0.191396

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**46.05**	
3.19	3.22	3.23	410.5669	0.002213			1
3.41	3.42	3.45	1103.651	0.005915			2
3.52	3.54	3.56	1138.816	0.004854			3
3.74	3.77	3.78	854.7863	0.002909			4
3.79	3.81	3.83	578.6555	0.002248			5
Height Summation:			**4086.4757**				
Amount Avg CF:			**0.003627**	Linear:			
Aroclor-1221					**2**	**140.14**	
3.14	3.16	3.18	30231.24	0.343169			2
3.19	3.22	3.23	410.5669	0.00156			3
Height Summation:			**30641.8069**				
Amount Avg CF:			**0.172364**	Linear:			
Aroclor-1232					**5**	**59.81**	
3.19	3.22	3.23	410.5669	0.001865			1
3.40	3.42	3.44	1103.651	0.012937			2
3.52	3.54	3.56	1138.816	0.010397			3
3.73	3.77	3.77	854.7863	0.006283			4
3.79	3.81	3.83	578.6555	0.00512			5
Height Summation:			**4086.4757**				
Amount Avg CF:			**0.00732**	Linear:			
Aroclor-1242					**5**	**47.43**	
3.19	3.22	3.23	410.5669	0.001572			1
3.41	3.42	3.45	1103.651	0.004376			2
3.52	3.54	3.56	1138.816	0.003559			3
3.74	3.77	3.78	854.7863	0.002102			4
3.80	3.81	3.84	578.6555	0.00163			5
Height Summation:			**4086.4757**				
Amount Avg CF:			**0.002648**	Linear:			
Aroclor-1248					**3**	**32.85**	
3.74	3.77	3.78	854.7863	0.006921			1
3.80	3.81	3.84	578.6555	0.004042			2
4.26	4.26	4.30	1002.604	0.004091			6
Height Summation:			**2436.0458**				
Amount Avg CF:			**0.005018**	Linear:			
Aroclor-1254					**5**	**55.72**	
4.24	4.26	4.28	1002.604	0.003779			1
4.39	4.41	4.43	812.3347	0.001794			2
4.65	4.65	4.68	3228.681	0.00512			3
4.86	4.88	4.90	552.4817	0.001201			4
5.06	5.08	5.10	844.8722	0.002358			5
Height Summation:			**6440.9736**				
Amount Avg CF:			**0.00285**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 12:00:52
Instrument : CP25--18274B
Result file : 25PCBS17257004B.097.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.207144
%SSR(DCB) : 97% (45-143) Conc.: 0.195855

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**14.01**	
3.11	3.11	3.15	671.3398	0.002763			2
+ 3.11	3.13	3.15	465.9104	0.001918			2
+ 3.11	3.14	3.15	434.6814	0.001789			2
3.23	3.26	3.27	1064.562	0.003044			3
3.43	3.45	3.47	1327.532	0.003627			4
Height Summation:			**3063.4338**				
Amount Avg CF:			**0.003145**	Linear:			
Aroclor-1221					**2**	**135.85**	
2.79	2.80	2.83	1774.01	0.010495			1
2.85	2.86	2.89	52658.57	0.521889			2
Height Summation:			**54432.58**				
Amount Avg CF:			**0.266192**	Linear:			
Aroclor-1232					**3**	**14.81**	
3.11	3.11	3.15	671.3398	0.005915			2
+ 3.11	3.13	3.15	465.9104	0.004105			2
+ 3.11	3.14	3.15	434.6814	0.00383			2
3.23	3.26	3.27	1064.562	0.006708			3
3.43	3.45	3.47	1327.532	0.00793			4
Height Summation:			**3063.4338**				
Amount Avg CF:			**0.006851**	Linear:			
Aroclor-1242					**3**	**9.11**	
3.11	3.11	3.15	671.3398	0.002359			2
+ 3.11	3.13	3.15	465.9104	0.001637			2
+ 3.11	3.14	3.15	434.6814	0.001527			2
3.23	3.26	3.27	1064.562	0.002253			3
3.43	3.45	3.47	1327.532	0.002678			4
+ 3.43	3.47	3.47	547.4988	0.001105			4
Height Summation:			**3063.4338**				
Amount Avg CF:			**0.00243**	Linear:			
Aroclor-1248					**3**	**12.73**	
3.43	3.45	3.47	1327.532	0.009043			1
3.66	3.67	3.70	4942.255	0.010633			4
3.75	3.78	3.79	2642.304	0.00831			5
Height Summation:			**8912.091**				
Amount Avg CF:			**0.009329**	Linear:			
Aroclor-1254					**2**	**60.89**	
4.25	4.28	4.29	3924.654	0.004433			1
4.48	4.48	4.51	4073.7	0.011138			4
Height Summation:			**7998.354**				
Amount Avg CF:			**0.007786**	Linear:			
Aroclor-1260					**2**	**37.62**	
4.47	4.48	4.51	4073.7	0.004901			1
4.58	4.62	4.62	5573.208	0.008454			2
Height Summation:			**9646.908**				
Amount Avg CF:			**0.006678**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAN Sample ID: AN **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 12:00:52
Instrument : CP25--18274A
Result file : 25PCBS17257004.097.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**2**	**79.55**	
5.24	5.25	5.28	447.8158	0.001286			3
5.40	5.42	5.44	132.55	0.00036			4
Height Summation:			**580.3658**				
Amount Avg CF:			**0.000823**	Linear:			
Aroclor-1262					**4**	**131.43**	
5.41	5.42	5.45	132.55	0.000258			2
5.85	5.88	5.89	301.5453	0.000387			4
+ 5.90	5.91	5.94	442.7102	0.001157			5
5.90	5.93	5.94	528.9755	0.001383			5
6.27	6.28	6.31	2602.187	0.005559			6
Height Summation:			**3565.2578**				
Amount Avg CF:			**0.001897**	Linear:			
Aroclor-1268					**5**	**134.63**	
+ 5.90	5.91	5.94	442.7102	0.000358			2
5.90	5.93	5.94	528.9755	0.000428			2
6.03	6.06	6.07	15172.91	0.012873			3
6.10	6.12	6.14	14246.12	0.046116			4
6.27	6.28	6.31	2602.187	0.005028			5
6.47	6.49	6.51	18290.37	0.004652			6
Height Summation:			**50840.5625**				
Amount Avg CF:			**0.01382**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 12:00:52
Instrument : CP25--18274B
Result file : 25PCBS17257004B.097.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**2**	**78.35**	
4.74	4.76	4.78	1239.121	0.001534			1
5.34	5.38	5.38	3501.963	0.005346			4
Height Summation:			**4741.084**				
Amount Avg CF:			**0.00344**	Linear:			
Aroclor-1268					**3**	**104.65**	
5.53	5.55	5.57	22613.23	0.014409			3
5.60	5.62	5.64	20679.07	0.050492			4
5.95	5.97	5.99	26317.04	0.004496			6
Height Summation:			**69609.34**				
Amount Avg CF:			**0.023132**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						14.26	4	40	
Aroclor-1221						** 42.79	3	5	
Aroclor-1232						6.62	4	10	
Aroclor-1242						8.57	4	30	
Aroclor-1248						** 60.09	4	40	
Aroclor-1254						** 92.81	4	40	
Aroclor-1260						** 156.12	4	40	
Aroclor-1262						** 57.83	4	40	
Aroclor-1268						** 50.40	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274A Date Analyzed: 09/18/17

GC Column (1) : MR-1 ID: .32 (mm) Time Analyzed: 14:16

Lab File ID: 25PCBS17257004.109.RAW Initial Calibration: 25PCBS1725702

Lab Standard ID: AR164AF Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.96	2.93	2.99	40.87	40.00	2
Decachlorobiphenyl	6.65	6.61	6.67	38.07	40.24	-5
Aroclor-1016	3.21	3.19	3.23	196.79	202.00	-3
	3.43	3.41	3.45	193.13	202.00	-4
	3.55	3.52	3.56	192.56	202.00	-5
	3.76	3.74	3.78	192.91	202.00	-4
	3.82	3.79	3.83	195.75	202.00	-3
	4.01	3.99	4.03	193.99	202.00	-4
Aroclor-1260	4.99	4.97	5.01	191.87	201.64	-5
	5.20	5.17	5.21	193.19	201.64	-4
	5.27	5.24	5.28	183.02	201.64	-9
	5.43	5.40	5.44	186.75	201.64	-7
	5.66	5.64	5.68	190.68	201.64	-5
	5.86	5.84	5.88	190.32	201.64	-6

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 18274B Date Analyzed: 09/18/17

GC Column (2) : MR-2 ID: .32 (mm) Time Analyzed: 14:16

Lab File ID: 25PCBS17257004B.109.RAW Initial Calibration: 25PCBS1725702B

Lab Standard ID: AR164AF Init. Calib Date(s): 09/14/17 09/15/17

Calibration: 25PCBS1725702B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.64	2.61	2.67	41.42	40.00	4
Decachlorobiphenyl	6.13	6.10	6.16	38.74	40.24	-4
Aroclor-1016	2.93	2.91	2.95	203.89	202.00	1
	3.13	3.11	3.15	191.68	202.00	-5
	3.25	3.23	3.27	193.90	202.00	-4
	3.45	3.43	3.47	191.98	202.00	-5
	3.52	3.50	3.54	195.81	202.00	-3
	3.56	3.54	3.58	191.65	202.00	-5
Aroclor-1260	4.50	4.47	4.51	187.74	201.64	-7
	4.60	4.58	4.62	193.28	201.64	-4
	4.73	4.71	4.75	198.40	201.64	-2
	4.95	4.93	4.97	193.99	201.64	-4
	5.14	5.12	5.16	205.72	201.64	2
	5.40	5.38	5.42	195.02	201.64	-3

Compounds 14 Average of %D: 4

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAO Sample ID: AO **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 14:28:19
Instrument : CP25--18274A
Result file : 25PCBS17257004.110.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 101% (53-140) Conc.: 0.203474
%SSR(DCB) : 95% (45-143) Conc.: 0.191068

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**35.38**	
3.41	3.41	3.45	1096.234	0.005875			2
3.52	3.53	3.56	1008.857	0.0043			3
3.74	3.76	3.78	1122.535	0.00382			4
3.79	3.82	3.83	608.7349	0.002364			5
Height Summation:			**3836.3609**				
Amount Avg CF:			**0.00409**	Linear:			
Aroclor-1221					**2**	**138.91**	
3.09	3.12	3.13	291.3447	0.003065			1
3.14	3.16	3.18	30078.9	0.34144			2
Height Summation:			**30370.2447**				
Amount Avg CF:			**0.172252**	Linear:			
Aroclor-1232					**4**	**34.52**	
3.40	3.41	3.44	1096.234	0.01285			2
3.52	3.53	3.56	1008.857	0.00921			3
3.73	3.76	3.77	1122.535	0.00825			4
3.79	3.82	3.83	608.7349	0.005386			5
Height Summation:			**3836.3609**				
Amount Avg CF:			**0.008924**	Linear:			
Aroclor-1242					**4**	**36.31**	
3.41	3.41	3.45	1096.234	0.004347			2
3.52	3.53	3.56	1008.857	0.003152			3
3.74	3.76	3.78	1122.535	0.002761			4
3.80	3.82	3.84	608.7349	0.001715			5
Height Summation:			**3836.3609**				
Amount Avg CF:			**0.002994**	Linear:			
Aroclor-1248					**4**	**61.68**	
3.74	3.76	3.78	1122.535	0.009089			1
3.80	3.82	3.84	608.7349	0.004252			2
3.86	3.90	3.90	601.9645	0.002546			3
4.26	4.30	4.30	2888.274	0.011786			6
Height Summation:			**5221.5084**				
Amount Avg CF:			**0.006918**	Linear:			
Aroclor-1254					**6**	**60.39**	
4.24	4.25	4.28	777.1319	0.002929			1
4.39	4.41	4.43	518.2558	0.001144			2
4.65	4.65	4.68	2784.452	0.004415			3
4.86	4.88	4.90	421.1587	0.000916			4
5.06	5.07	5.10	1696.954	0.004736			5
5.17	5.20	5.21	1005.018	0.002013			6
Height Summation:			**7202.9704**				
Amount Avg CF:			**0.002692**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 14:28:19
Instrument : CP25--18274B
Result file : 25PCBS17257004B.110.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.206647
%SSR(DCB) : 101% (45-143) Conc.: 0.204198

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**2**	**33.37**	
+ 3.11	3.12	3.15	1702.069	0.007006			2
+ 3.11	3.14	3.15	768.4926	0.003163			2
3.11	3.15	3.15	1921.998	0.007911			2
3.50	3.52	3.54	1915.519	0.004891			5
Height Summation:			**3837.517**				
Amount Avg CF:			**0.006401**	Linear:			
Aroclor-1221					**1**		
2.85	2.86	2.89	50967.12	0.505125			2
Height Summation:			**50967.12**				
Amount Avg CF:			**0.505125**	Linear:			
Aroclor-1232					**2**	**29.82**	
+ 3.11	3.12	3.15	1702.069	0.014997			2
+ 3.11	3.14	3.15	768.4926	0.006771			2
3.11	3.15	3.15	1921.998	0.016935			2
3.50	3.52	3.54	1915.519	0.011037			5
Height Summation:			**3837.517**				
Amount Avg CF:			**0.013986**	Linear:			
Aroclor-1242					**2**	**41.35**	
+ 3.11	3.12	3.15	1702.069	0.005981			2
+ 3.11	3.14	3.15	768.4926	0.0027			2
3.11	3.15	3.15	1921.998	0.006754			2
3.50	3.52	3.54	1915.519	0.003698			5
Height Summation:			**3837.517**				
Amount Avg CF:			**0.005226**	Linear:			
Aroclor-1248					**2**	**2.35**	
3.50	3.52	3.54	1915.519	0.008558			2
3.66	3.68	3.70	4111.746	0.008847			4
Height Summation:			**6027.265**				
Amount Avg CF:			**0.008702**	Linear:			
Aroclor-1254					**1**		
4.25	4.27	4.29	3473.833	0.003924			1
Height Summation:			**3473.833**				
Amount Avg CF:			**0.003924**	Linear:			
Aroclor-1260					**2**	**69.68**	
4.47	4.47	4.51	4112.178	0.004948			1
5.12	5.14	5.16	2181.005	0.001682			5
Height Summation:			**6293.183**				
Amount Avg CF:			**0.003315**	Linear:			
Aroclor-1262					**2**	**104.99**	
5.12	5.14	5.16	2181.005	0.001279			3
5.34	5.38	5.38	5665.26	0.008648			4
Height Summation:			**7846.265**				
Amount Avg CF:			**0.004963**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAO Sample ID: AO **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 14:28:19
Instrument : CP25--18274A
Result file : 25PCBS17257004.110.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	68.81	
4.97	5.01	5.01	2995.439	0.005142			1
5.17	5.20	5.21	1005.018	0.001396			2
5.24	5.26	5.28	753.0502	0.002162			3
5.40	5.43	5.44	1762.052	0.004785			4
5.64	5.66	5.68	820.4708	0.000802			5
5.84	5.86	5.88	1085.349	0.001722			6
Height Summation:			**8421.379**				
Amount Avg CF:			**0.002668**	Linear:			
Aroclor-1262					6	79.40	
5.25	5.26	5.29	753.0502	0.001293			1
5.41	5.43	5.45	1762.052	0.003424			2
+ 5.41	5.45	5.45	376.9708	0.000733			2
5.64	5.66	5.68	820.4708	0.000634			3
5.85	5.86	5.89	1085.349	0.001395			4
5.90	5.93	5.94	261.1358	0.000683			5
6.27	6.27	6.31	2059.372	0.0044			6
Height Summation:			**6741.4298**				
Amount Avg CF:			**0.001971**	Linear:			
Aroclor-1268					6	151.35	
5.84	5.86	5.88	1085.349	0.000769			1
5.90	5.93	5.94	261.1358	0.000211			2
6.03	6.05	6.07	13520.81	0.011471			3
6.10	6.12	6.14	12766.28	0.041326			4
6.27	6.27	6.31	2059.372	0.003979			5
6.47	6.49	6.51	17468.38	0.004443			6
Height Summation:			**47161.3268**				
Amount Avg CF:			**0.010367**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 14:28:19
Instrument : CP25--18274B
Result file : 25PCBS17257004B.110.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					3	102.66	
5.53	5.55	5.57	20392.78	0.012994			3
5.60	5.62	5.64	18673.37	0.045594			4
5.95	5.97	5.99	27196.66	0.004646			6
Height Summation:			**66262.81**				
Amount Avg CF:			**0.021078**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						** 44.06	4	40	
Aroclor-1221						** 98.28	3	5	
Aroclor-1232						** 44.19	4	10	
Aroclor-1242						** 54.31	4	30	
Aroclor-1248						22.84	4	40	
Aroclor-1254						37.24	4	40	
Aroclor-1260						21.62	4	40	
Aroclor-1262						** 86.29	4	40	
Aroclor-1268						** 68.13	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/18/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 5:46

Lab File ID: 07PCBS17250008.0070.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164ZT Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	42.03	40.00	5
Decachlorobiphenyl	6.68	6.65	6.71	37.75	40.24	-6
Aroclor-1016	3.25	3.23	3.27	194.50	202.00	-4
	3.47	3.45	3.49	194.62	202.00	-4
	3.58	3.56	3.60	201.02	202.00	0
	3.76	3.74	3.78	217.01	202.00	7
	3.80	3.78	3.82	195.77	202.00	-3
	3.93	3.91	3.95	192.57	202.00	-5
Aroclor-1260	4.84	4.82	4.86	191.35	201.64	-5
	5.04	5.02	5.06	195.67	201.64	-3
	5.24	5.23	5.27	190.23	201.64	-6
	5.47	5.45	5.49	204.71	201.64	2
	5.71	5.69	5.73	194.11	201.64	-4
	5.91	5.89	5.93	179.56	201.64	-11

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/18/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 5:46

Lab File ID: 07PCBS17250008B.0070.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164ZT Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	42.62	40.00	7
Decachlorobiphenyl	6.16	6.13	6.19	38.27	40.24	-5
Aroclor-1016	2.94	2.92	2.96	202.81	202.00	0
	3.14	3.12	3.16	206.86	202.00	2
	3.26	3.25	3.29	199.35	202.00	-1
	3.42	3.40	3.44	198.12	202.00	-2
	3.45	3.44	3.48	193.66	202.00	-4
	3.59	3.57	3.61	192.52	202.00	-5
Aroclor-1260	4.37	4.35	4.39	198.17	201.64	-2
	4.51	4.49	4.53	188.09	201.64	-7
	4.61	4.60	4.64	184.57	201.64	-8
	4.74	4.72	4.76	185.41	201.64	-8
	5.16	5.14	5.18	190.20	201.64	-6
	5.42	5.40	5.44	197.63	201.64	-2

Compounds 14 Average of %D: 4

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAD Sample ID: AD **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 05:57:43
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0071.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 104% (53-140) Conc.: 0.208826
%SSR(DCB) : 91% (45-143) Conc.: 0.184229

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**21.04**	
3.23	3.26	3.27	2261.462	0.00344			1
3.45	3.45	3.49	1862.075	0.002767			2
3.78	3.80	3.82	4244.333	0.004605			5
+ 3.91	3.92	3.95	676.2397	0.001196			6
3.91	3.93	3.95	2048.435	0.003623			6
Height Summation:			**10416.305**				
Amount Avg CF:			**0.003609**	Linear:			
Aroclor-1221					**3**	**166.42**	
3.13	3.13	3.17	2711.672	0.008909			1
3.18	3.20	3.22	119962	0.430853			2
3.23	3.26	3.27	2261.462	0.002667			3
Height Summation:			**124935.134**				
Amount Avg CF:			**0.147476**	Linear:			
Aroclor-1232					**4**	**44.74**	
3.23	3.26	3.27	2261.462	0.002932			1
3.45	3.45	3.49	1862.075	0.005782			2
3.78	3.80	3.82	4244.333	0.009395			5
+ 3.91	3.92	3.95	676.2397	0.002974			6
3.91	3.93	3.95	2048.435	0.009007			6
Height Summation:			**10416.305**				
Amount Avg CF:			**0.006779**	Linear:			
Aroclor-1242					**4**	**18.90**	
3.23	3.26	3.27	2261.462	0.002569			1
3.45	3.45	3.49	1862.075	0.002104			2
3.78	3.80	3.82	4244.333	0.003329			5
+ 3.91	3.92	3.95	676.2397	0.00094			6
3.91	3.93	3.95	2048.435	0.002846			6
Height Summation:			**10416.305**				
Amount Avg CF:			**0.002712**	Linear:			
Aroclor-1248					**5**	**63.01**	
3.78	3.80	3.82	4244.333	0.009341			1
3.84	3.85	3.88	2261.178	0.004678			2
+ 3.84	3.86	3.88	1578.3	0.003265			2
+ 3.84	3.87	3.88	1840.457	0.003808			2
+ 3.91	3.92	3.95	676.2397	0.00084			3
3.91	3.93	3.95	2048.435	0.002545			3
4.03	4.05	4.07	1473.16	0.001621			4
4.30	4.33	4.34	5765.195	0.00686			6
Height Summation:			**15792.301**				
Amount Avg CF:			**0.005009**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 05:57:43
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0071.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 105% (53-140) Conc.: 0.212133
%SSR(DCB) : 91% (45-143) Conc.: 0.184693

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**31.42**	
3.12	3.15	3.16	2818.297	0.003295			2
3.40	3.42	3.44	4998.332	0.005516			4
3.57	3.59	3.61	4471.444	0.006379			6
Height Summation:			**12288.073**				
Amount Avg CF:			**0.005063**	Linear:			
Aroclor-1221					**2**	**137.84**	
2.80	2.82	2.84	2422.729	0.006613			1
2.86	2.87	2.90	118420.1	0.515347			2
Height Summation:			**120842.829**				
Amount Avg CF:			**0.26098**	Linear:			
Aroclor-1232					**3**	**38.94**	
3.12	3.15	3.16	2818.297	0.006526			2
3.40	3.42	3.44	4998.332	0.011986			4
3.57	3.59	3.61	4471.444	0.015171			6
Height Summation:			**12288.073**				
Amount Avg CF:			**0.011228**	Linear:			
Aroclor-1242					**3**	**17.66**	
3.12	3.15	3.16	2818.297	0.003731			2
3.40	3.42	3.44	4998.332	0.003799			4
3.57	3.59	3.61	4471.444	0.005046			6
Height Summation:			**12288.073**				
Amount Avg CF:			**0.004192**	Linear:			
Aroclor-1248					**2**	**35.62**	
3.76	3.78	3.80	2995.496	0.003916			5
3.90	3.92	3.94	3405.344	0.00234			6
Height Summation:			**6400.84**				
Amount Avg CF:			**0.003128**	Linear:			
Aroclor-1254					**5**	**14.34**	
4.26	4.28	4.30	5936.167	0.002909			2
4.35	4.37	4.39	3729.757	0.003891			3
4.42	4.44	4.46	4883.006	0.003874			4
4.64	4.66	4.68	2662.035	0.003			5
4.72	4.74	4.76	5403.846	0.003844			6
Height Summation:			**22614.811**				
Amount Avg CF:			**0.003504**	Linear:			
Aroclor-1260					**6**	**25.16**	
4.35	4.37	4.39	3729.757	0.002503			1
4.49	4.51	4.53	4492.028	0.002628			2
4.60	4.61	4.64	3757.418	0.002718			3
4.72	4.74	4.76	5403.846	0.003239			4
5.14	5.16	5.18	4319.834	0.002006			5
5.40	5.42	5.44	5220.438	0.004093			6
Height Summation:			**26923.321**				
Amount Avg CF:			**0.002864**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAD Sample ID: AD **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 05:57:43
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0071.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**4**	**36.40**	
4.69	4.72	4.73	3445.068	0.001694			3
4.91	4.93	4.95	4604.719	0.003705			4
+ 4.91	4.95	4.95	1887.562	0.001519			4
5.11	5.13	5.15	1673.594	0.002353			5
5.23	5.24	5.27	3626.199	0.003882			6
Height Summation:			**13349.58**				
Amount Avg CF:			**0.002908**	Linear:			
Aroclor-1260					**4**	**31.81**	
4.82	4.84	4.86	2949.584	0.002027			1
5.02	5.04	5.06	6085.721	0.00426			2
5.23	5.24	5.27	3626.199	0.002675			3
5.89	5.91	5.93	4694.702	0.003734			6
Height Summation:			**17356.206**				
Amount Avg CF:			**0.003174**	Linear:			
Aroclor-1262					**3**	**50.64**	
5.89	5.91	5.93	4694.702	0.003028			4
5.95	5.96	5.99	5530.71	0.007089			5
6.31	6.33	6.35	2317.281	0.003312			6
Height Summation:			**12542.693**				
Amount Avg CF:			**0.004476**	Linear:			
Aroclor-1268					**6**	**172.63**	
5.89	5.91	5.93	4694.702	0.001688			1
5.95	5.96	5.99	5530.71	0.002299			2
6.08	6.10	6.12	79646.41	0.034504			3
6.14	6.16	6.18	89109.67	0.147034			4
6.31	6.33	6.35	2317.281	0.003258			5
6.51	6.53	6.55	46543.31	0.009941			6
Height Summation:			**227842.083**				
Amount Avg CF:			**0.033121**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 05:57:43
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0071.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**4**	**28.42**	
4.95	4.96	4.99	3183.582	0.002097			2
5.14	5.16	5.18	4319.834	0.001542			3
5.36	5.37	5.40	2157.378	0.00213			4
5.40	5.42	5.44	5220.438	0.003055			5
Height Summation:			**14881.232**				
Amount Avg CF:			**0.002206**	Linear:			
Aroclor-1268					**5**	**160.83**	
5.36	5.37	5.40	2157.378	0.000743			1
5.40	5.42	5.44	5220.438	0.001876			2
5.56	5.57	5.60	60442.78	0.025981			3
5.62	5.64	5.66	67842.15	0.119795			4
5.98	6.00	6.02	46378.73	0.00845			6
Height Summation:			**182041.476**				
Amount Avg CF:			**0.031369**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						33.54	4	40	
Aroclor-1221						** 55.58	3	40	
Aroclor-1232						** 49.41	4	40	
Aroclor-1242						** 42.87	4	40	
Aroclor-1248						** 46.24	4	40	
Aroclor-1254						18.56	4	40	
Aroclor-1260						10.25	4	40	
Aroclor-1262						** 67.94	4	40	
Aroclor-1268						5.43	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/18/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 9:58

Lab File ID: 07PCBS17250008.0092.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164ZU Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	41.83	40.00	5
Decachlorobiphenyl	6.68	6.65	6.71	37.93	40.24	-6
Aroclor-1016	3.25	3.23	3.27	197.59	202.00	-2
	3.47	3.45	3.49	198.80	202.00	-2
	3.58	3.56	3.60	194.19	202.00	-4
	3.76	3.74	3.78	206.23	202.00	2
	3.80	3.78	3.82	196.99	202.00	-2
	3.93	3.91	3.95	200.32	202.00	-1
Aroclor-1260	4.84	4.82	4.86	186.97	201.64	-7
	5.04	5.02	5.06	183.94	201.64	-9
	5.25	5.23	5.27	183.71	201.64	-9
	5.47	5.45	5.49	188.29	201.64	-7
	5.71	5.69	5.73	186.88	201.64	-7
	5.91	5.89	5.93	175.60	201.64	-13

Compounds 14 Average of %D: 5

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/18/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 9:58

Lab File ID: 07PCBS17250008B.0092.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164ZU Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	42.00	40.00	5
Decachlorobiphenyl	6.16	6.13	6.19	36.79	40.24	-9
Aroclor-1016	2.94	2.92	2.96	201.15	202.00	0
	3.14	3.12	3.16	203.48	202.00	1
	3.26	3.25	3.29	201.34	202.00	0
	3.42	3.40	3.44	197.54	202.00	-2
	3.46	3.44	3.48	192.12	202.00	-5
	3.59	3.57	3.61	194.58	202.00	-4
Aroclor-1260	4.37	4.35	4.39	190.09	201.64	-6
	4.51	4.49	4.53	186.11	201.64	-8
	4.61	4.60	4.64	185.49	201.64	-8
	4.74	4.72	4.76	184.09	201.64	-9
	5.16	5.14	5.18	186.58	201.64	-7
	5.42	5.40	5.44	195.55	201.64	-3

Compounds 14 Average of %D: 5

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAE Sample ID: AE **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 10:09:44
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0093.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 99% (53-140) Conc.: 0.200011
%SSR(DCB) : 97% (45-143) Conc.: 0.195002

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**15.34**	
3.45	3.45	3.49	1941.5	0.002885			2
3.56	3.57	3.60	3510.418	0.004376			3
3.74	3.76	3.78	3184.436	0.004055			4
3.78	3.80	3.82	3228.95	0.003503			5
+ 3.91	3.91	3.95	1255.839	0.002221			6
3.91	3.92	3.95	2075.299	0.003671			6
Height Summation:			**13940.603**				
Amount Avg CF:			**0.003698**	Linear:			
Aroclor-1221					**1**		
3.18	3.20	3.22	117290	0.421257			2
Height Summation:			**117290**				
Amount Avg CF:			**0.421257**	Linear:			
Aroclor-1232					**5**	**17.27**	
3.45	3.45	3.49	1941.5	0.006028			2
3.56	3.57	3.60	3510.418	0.009096			3
3.74	3.76	3.78	3184.436	0.008796			4
3.78	3.80	3.82	3228.95	0.007147			5
+ 3.91	3.91	3.95	1255.839	0.005522			6
3.91	3.92	3.95	2075.299	0.009125			6
Height Summation:			**13940.603**				
Amount Avg CF:			**0.008039**	Linear:			
Aroclor-1242					**5**	**15.37**	
3.45	3.45	3.49	1941.5	0.002194			2
3.56	3.57	3.60	3510.418	0.003328			3
3.74	3.76	3.78	3184.436	0.00274			4
3.78	3.80	3.82	3228.95	0.002533			5
+ 3.91	3.91	3.95	1255.839	0.001745			6
3.91	3.92	3.95	2075.299	0.002884			6
Height Summation:			**13940.603**				
Amount Avg CF:			**0.002736**	Linear:			
Aroclor-1248					**5**	**50.83**	
3.78	3.80	3.82	3228.95	0.007106			1
3.84	3.84	3.88	2428.265	0.005024			2
+ 3.84	3.86	3.88	2055.975	0.004253			2
+ 3.91	3.91	3.95	1255.839	0.00156			3
3.91	3.92	3.95	2075.299	0.002579			3
4.03	4.05	4.07	1586.068	0.001745			4
4.30	4.33	4.34	5200.566	0.006188			6
Height Summation:			**14519.148**				
Amount Avg CF:			**0.004528**	Linear:			
Aroclor-1254					**3**	**52.33**	
4.91	4.92	4.95	1556.721	0.001252			4
5.11	5.12	5.15	1951.512	0.002744			5
5.23	5.25	5.27	3794.67	0.004062			6
Height Summation:			**7302.903**				
Amount Avg CF:			**0.002686**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:09:44
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0093.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 106% (53-140) Conc.: 0.213514
%SSR(DCB) : 92% (45-143) Conc.: 0.185097

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**38.19**	
3.12	3.16	3.16	3567.763	0.004171			2
3.40	3.42	3.44	5711.282	0.006303			4
3.44	3.46	3.48	2493.132	0.002929			5
Height Summation:			**11772.177**				
Amount Avg CF:			**0.004468**	Linear:			
Aroclor-1221					**2**	**132.36**	
2.80	2.81	2.84	5911.561	0.016137			1
2.86	2.87	2.90	112092.9	0.487812			2
Height Summation:			**118004.461**				
Amount Avg CF:			**0.251975**	Linear:			
Aroclor-1232					**2**	**56.56**	
3.40	3.42	3.44	5711.282	0.013696			4
3.44	3.46	3.48	2493.132	0.005871			5
Height Summation:			**8204.414**				
Amount Avg CF:			**0.009784**	Linear:			
Aroclor-1242					**3**	**37.77**	
3.12	3.16	3.16	3567.763	0.004724			2
3.40	3.42	3.44	5711.282	0.004341			4
3.44	3.46	3.48	2493.132	0.002116			5
Height Summation:			**11772.177**				
Amount Avg CF:			**0.003727**	Linear:			
Aroclor-1248					**4**	**42.54**	
3.44	3.46	3.48	2493.132	0.006396			1
3.55	3.56	3.59	4313.473	0.004688			3
3.67	3.69	3.71	3700.394	0.003345			4
3.90	3.91	3.94	3318.954	0.002281			6
Height Summation:			**13825.953**				
Amount Avg CF:			**0.004177**	Linear:			
Aroclor-1254					**4**	**45.40**	
4.26	4.27	4.30	2705.386	0.001326			2
4.35	4.37	4.39	3892.835	0.004061			3
4.42	4.44	4.46	2927.657	0.002323			4
4.72	4.74	4.76	5545.506	0.003944			6
Height Summation:			**15071.384**				
Amount Avg CF:			**0.002914**	Linear:			
Aroclor-1260					**6**	**16.06**	
4.35	4.37	4.39	3892.835	0.002612			1
4.49	4.51	4.53	4808.204	0.002812			2
4.60	4.61	4.64	3988.843	0.002885			3
4.72	4.74	4.76	5545.506	0.003324			4
5.14	5.16	5.18	6114.498	0.002839			5
5.40	5.42	5.44	5048.761	0.003958			6
Height Summation:			**29398.647**				
Amount Avg CF:			**0.003072**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAE Sample ID: AE **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 10:09:44
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0093.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	42.50	
4.82	4.84	4.86	4510.344	0.003099			1
5.02	5.04	5.06	6305.079	0.004413			2
5.23	5.25	5.27	3794.67	0.002799			3
5.45	5.47	5.49	5221.396	0.006651			4
5.69	5.71	5.73	4365.014	0.002271			5
5.89	5.91	5.93	7419.051	0.005901			6
+ 5.89	5.93	5.93	1858.801	0.001479			6
Height Summation:			**31615.554**				
Amount Avg CF:				**0.004189** Linear:			
Aroclor-1262					5	33.45	
5.45	5.47	5.49	5221.396	0.005043			2
5.69	5.71	5.73	4365.014	0.001921			3
5.89	5.91	5.93	7419.051	0.004785			4
+ 5.89	5.93	5.93	1858.801	0.001199			4
5.95	5.96	5.99	2599.723	0.003332			5
6.31	6.33	6.35	3332.675	0.004764			6
Height Summation:			**22937.859**				
Amount Avg CF:				**0.003969** Linear:			
Aroclor-1268					6	172.88	
5.89	5.91	5.93	7419.051	0.002667			1
+ 5.89	5.93	5.93	1858.801	0.000668			1
5.95	5.96	5.99	2599.723	0.001081			2
6.08	6.10	6.12	84577.66	0.036641			3
6.14	6.16	6.18	95211.5	0.157102			4
6.31	6.33	6.35	3332.675	0.004685			5
6.51	6.53	6.55	46056.6	0.009837			6
Height Summation:			**239197.209**				
Amount Avg CF:				**0.035336** Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:09:44
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0093.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					6	31.03	
4.76	4.77	4.80	1900.627	0.001165			1
4.95	4.96	4.99	4576.688	0.003015			2
5.14	5.16	5.18	6114.498	0.002183			3
+ 5.36	5.37	5.40	2340.61	0.002311			4
5.36	5.39	5.40	3027.419	0.002989			4
5.40	5.42	5.44	5048.761	0.002955			5
5.78	5.80	5.82	2473.514	0.003382			6
Height Summation:			**23141.507**				
Amount Avg CF:				**0.002615** Linear:			
Aroclor-1268					6	173.68	
+ 5.36	5.37	5.40	2340.61	0.000807			1
5.36	5.39	5.40	3027.419	0.001043			1
5.40	5.42	5.44	5048.761	0.001814			2
5.56	5.57	5.60	66309.1	0.028503			3
5.62	5.64	5.66	71443.72	0.126155			4
5.78	5.80	5.82	2473.514	0.003101			5
5.98	6.00	6.02	48624.97	0.008859			6
Height Summation:			**196927.484**				
Amount Avg CF:				**0.028246** Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						18.86	4	40	
Aroclor-1221						** 50.29	3	40	
Aroclor-1232						19.58	4	40	
Aroclor-1242						30.68	4	40	
Aroclor-1248						8.06	4	40	
Aroclor-1254						8.12	4	40	
Aroclor-1260						30.77	4	40	
Aroclor-1262						** 41.13	4	40	
Aroclor-1268						22.30	4	40	

Units: ug/kg

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/18/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 12:22

Lab File ID: 07PCBS17250008.0104.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164ZV Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	41.93	40.00	5
Decachlorobiphenyl	6.68	6.65	6.71	38.25	40.24	-5
Aroclor-1016	3.25	3.23	3.27	197.03	202.00	-2
	3.47	3.45	3.49	201.81	202.00	0
	3.58	3.56	3.60	203.08	202.00	1
	3.76	3.74	3.78	210.37	202.00	4
	3.80	3.78	3.82	198.17	202.00	-2
	3.93	3.91	3.95	199.07	202.00	-1
Aroclor-1260	4.84	4.82	4.86	192.68	201.64	-4
	5.04	5.02	5.06	186.67	201.64	-7
	5.25	5.23	5.27	191.17	201.64	-5
	5.47	5.45	5.49	196.49	201.64	-3
	5.71	5.69	5.73	192.43	201.64	-5
	5.91	5.89	5.93	179.53	201.64	-11

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 Date Analyzed: 09/18/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 12:22

Lab File ID: 07PCBS17250008B.0104.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164ZV Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	41.74	40.00	4
Decachlorobiphenyl	6.16	6.13	6.19	37.80	40.24	-6
Aroclor-1016	2.94	2.92	2.96	200.34	202.00	-1
	3.14	3.12	3.16	203.15	202.00	1
	3.26	3.25	3.29	198.81	202.00	-2
	3.42	3.40	3.44	211.48	202.00	5
	3.46	3.44	3.48	202.41	202.00	0
	3.59	3.57	3.61	186.44	202.00	-8
Aroclor-1260	4.37	4.35	4.39	192.59	201.64	-4
	4.51	4.49	4.53	186.78	201.64	-7
	4.61	4.60	4.64	184.67	201.64	-8
	4.74	4.72	4.76	184.92	201.64	-8
	5.16	5.14	5.18	192.57	201.64	-4
	5.42	5.40	5.44	194.56	201.64	-4

Compounds 14 Average of %D: 4

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX1724B** PIBLKAF ID: AF **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 12:34:09
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0105.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.207856
%SSR(DCB) : 97% (45-143) Conc.: 0.196352

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**58.86**	
3.23	3.26	3.27	7091.99	0.010787			1
3.45	3.45	3.49	1798.908	0.002673			2
3.78	3.80	3.82	4013.018	0.004354			5
+ 3.91	3.92	3.95	638.7064	0.00113			6
3.91	3.93	3.95	3363.219	0.005948			6
Height Summation:			**16267.135**				
Amount Avg CF:			**0.005941**	Linear:			
Aroclor-1221					**2**	**136.00**	
3.18	3.20	3.22	119152.6	0.427946			2
3.23	3.26	3.27	7091.99	0.008363			3
Height Summation:			**126244.59**				
Amount Avg CF:			**0.218155**	Linear:			
Aroclor-1232					**5**	**38.10**	
3.23	3.26	3.27	7091.99	0.009195			1
3.45	3.45	3.49	1798.908	0.005585			2
3.74	3.74	3.78	5395.104	0.014903			4
3.78	3.80	3.82	4013.018	0.008883			5
+ 3.91	3.92	3.95	638.7064	0.002808			6
3.91	3.93	3.95	3363.219	0.014789			6
Height Summation:			**21662.239**				
Amount Avg CF:			**0.010671**	Linear:			
Aroclor-1242					**5**	**50.33**	
3.23	3.26	3.27	7091.99	0.008057			1
3.45	3.45	3.49	1798.908	0.002033			2
3.74	3.74	3.78	5395.104	0.004642			4
3.78	3.80	3.82	4013.018	0.003147			5
+ 3.91	3.92	3.95	638.7064	0.000888			6
3.91	3.93	3.95	3363.219	0.004674			6
Height Summation:			**21662.239**				
Amount Avg CF:			**0.00451**	Linear:			
Aroclor-1248					**4**	**31.50**	
3.78	3.80	3.82	4013.018	0.008832			1
+ 3.84	3.84	3.88	1399.177	0.002895			2
3.84	3.86	3.88	2641.012	0.005464			2
+ 3.91	3.92	3.95	638.7064	0.000794			3
3.91	3.93	3.95	3363.219	0.004179			3
4.30	4.33	4.34	5858.829	0.006971			6
Height Summation:			**15876.078**				
Amount Avg CF:			**0.006361**	Linear:			
Aroclor-1254					**2**	**96.85**	
4.91	4.93	4.95	1231.453	0.000991			4
5.23	5.25	5.27	4947.954	0.005296			6
Height Summation:			**6179.407**				
Amount Avg CF:			**0.003144**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 12:34:09
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0105.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 107% (53-140) Conc.: 0.215553
%SSR(DCB) : 93% (45-143) Conc.: 0.187163

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**40.10**	
3.12	3.16	3.16	7685.178	0.008985			2
3.40	3.42	3.44	5111.004	0.00564			4
3.57	3.59	3.61	2867.396	0.00409			6
Height Summation:			**15663.578**				
Amount Avg CF:			**0.006238**	Linear:			
Aroclor-1221					**2**	**131.24**	
2.80	2.82	2.84	6888.359	0.018804			1
2.86	2.87	2.90	115718.7	0.503591			2
Height Summation:			**122607.059**				
Amount Avg CF:			**0.261197**	Linear:			
Aroclor-1232					**3**	**31.11**	
3.12	3.16	3.16	7685.178	0.017795			2
3.40	3.42	3.44	5111.004	0.012257			4
3.57	3.59	3.61	2867.396	0.009729			6
Height Summation:			**15663.578**				
Amount Avg CF:			**0.01326**	Linear:			
Aroclor-1242					**3**	**66.48**	
3.12	3.16	3.16	7685.178	0.010175			2
3.40	3.42	3.44	5111.004	0.003884			4
3.57	3.59	3.61	2867.396	0.003236			6
Height Summation:			**15663.578**				
Amount Avg CF:			**0.005765**	Linear:			
Aroclor-1248					**4**	**34.04**	
3.51	3.53	3.55	2649.981	0.004959			2
3.67	3.69	3.71	3140.432	0.002839			4
3.76	3.78	3.80	1905.574	0.002491			5
3.90	3.92	3.94	4221.96	0.002901			6
Height Summation:			**11917.947**				
Amount Avg CF:			**0.003297**	Linear:			
Aroclor-1254					**4**	**74.35**	
4.26	4.28	4.30	2023.026	0.000991			2
4.35	4.37	4.39	4965.437	0.00518			3
4.42	4.45	4.46	1424.694	0.00113			4
4.72	4.74	4.76	5131.464	0.00365			6
Height Summation:			**13544.621**				
Amount Avg CF:			**0.002738**	Linear:			
Aroclor-1260					**6**	**26.80**	
4.35	4.37	4.39	4965.437	0.003332			1
4.49	4.51	4.53	5736.748	0.003356			2
4.60	4.61	4.64	5169.253	0.003739			3
4.72	4.74	4.76	5131.464	0.003076			4
5.14	5.16	5.18	7705.378	0.003578			5
5.40	5.42	5.44	7479.953	0.005865			6
Height Summation:			**36188.233**				
Amount Avg CF:			**0.003824**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX1724B** PIBLKAF ID: AF **Batchnumber: 1725999999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 12:34:09
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0105.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**5**	**29.22**	
4.82	4.84	4.86	5156.386	0.003543			1
5.02	5.05	5.06	7480.39	0.005236			2
5.23	5.25	5.27	4947.954	0.00365			3
5.45	5.48	5.49	2865.473	0.00365			4
5.89	5.91	5.93	8196.07	0.006519			6
Height Summation:			**28646.273**				
Amount Avg CF:			**0.00452**	Linear:			
Aroclor-1262					**5**	**32.98**	
5.29	5.31	5.33	3259.897	0.002799			1
5.45	5.48	5.49	2865.473	0.002768			2
5.89	5.91	5.93	8196.07	0.005286			4
5.95	5.96	5.99	3207.749	0.004111			5
6.31	6.34	6.35	3987.664	0.0057			6
Height Summation:			**21516.853**				
Amount Avg CF:			**0.004133**	Linear:			
Aroclor-1268					**6**	**172.18**	
5.89	5.91	5.93	8196.07	0.002947			1
5.95	5.96	5.99	3207.749	0.001334			2
6.08	6.10	6.12	91564.9	0.039668			3
6.14	6.17	6.18	102442.2	0.169033			4
6.31	6.34	6.35	3987.664	0.005606			5
6.51	6.54	6.55	48058.09	0.010265			6
Height Summation:			**257456.673**				
Amount Avg CF:			**0.038142**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 12:34:09
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0105.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**29.42**	
4.76	4.77	4.80	2885.654	0.001769			1
4.95	4.96	4.99	4944.874	0.003258			2
5.14	5.16	5.18	7705.378	0.002751			3
5.36	5.37	5.40	2784.236	0.002749			4
5.40	5.42	5.44	7479.953	0.004378			5
5.78	5.80	5.82	2812.254	0.003846			6
Height Summation:			**28612.349**				
Amount Avg CF:			**0.003125**	Linear:			
Aroclor-1268					**6**	**173.75**	
5.36	5.37	5.40	2784.236	0.000959			1
5.40	5.42	5.44	7479.953	0.002688			2
5.56	5.57	5.60	68659.03	0.029513			3
5.62	5.64	5.66	76020.47	0.134237			4
5.78	5.80	5.82	2812.254	0.003526			5
5.98	6.00	6.02	50056.04	0.00912			6
Height Summation:			**207811.983**				
Amount Avg CF:			**0.030007**	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		4.89	4	40	
Aroclor-1221			17	4.6		17.96	3	40	
Aroclor-1232			17	8		21.64	4	40	
Aroclor-1242			17	3.3		24.42	4	40	
Aroclor-1248			17	3.3		** 63.44	4	40	
Aroclor-1254			17	3.3		13.79	4	40	
Aroclor-1260			17	4.9		16.67	4	40	
Aroclor-1262			17	3.3		27.77	4	40	
Aroclor-1268			17	3.3		23.87	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/20/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 1:31

Lab File ID: 07PCBS1725010.0029.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164BC Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	41.88	40.00	5
Decachlorobiphenyl	6.68	6.65	6.71	37.21	40.24	-8
Aroclor-1016	3.25	3.23	3.27	201.52	202.00	0
	3.46	3.45	3.49	210.92	202.00	4
	3.58	3.56	3.60	206.46	202.00	2
	3.76	3.74	3.78	212.75	202.00	5
	3.80	3.78	3.82	206.50	202.00	2
	3.93	3.91	3.95	201.79	202.00	0
Aroclor-1260	4.84	4.82	4.86	198.93	201.64	-1
	5.04	5.02	5.06	189.08	201.64	-6
	5.24	5.23	5.27	192.64	201.64	-4
	5.47	5.45	5.49	208.96	201.64	4
	5.70	5.69	5.73	189.10	201.64	-6
	5.91	5.89	5.93	185.87	201.64	-8

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 Date Analyzed: 09/20/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 1:31

Lab File ID: 07PCBS1725010B.0029.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164BC Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	43.08	40.00	8
Decachlorobiphenyl	6.16	6.13	6.19	38.63	40.24	-4
Aroclor-1016	2.93	2.92	2.96	208.19	202.00	3
	3.14	3.12	3.16	211.88	202.00	5
	3.26	3.25	3.29	208.82	202.00	3
	3.42	3.40	3.44	212.40	202.00	5
	3.46	3.44	3.48	205.69	202.00	2
	3.59	3.57	3.61	197.58	202.00	-2
Aroclor-1260	4.37	4.35	4.39	200.01	201.64	-1
	4.51	4.49	4.53	194.80	201.64	-3
	4.61	4.60	4.64	191.80	201.64	-5
	4.74	4.72	4.76	181.98	201.64	-10
	5.16	5.14	5.18	182.71	201.64	-9
	5.42	5.40	5.44	193.83	201.64	-4

Compounds 14 Average of %D: 5

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKBY Sample ID: BY **Batchnumber: 1726199999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 20, 2017 01:43:18
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0030.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 102% (53-140) Conc.: 0.206268
%SSR(DCB) : 90% (45-143) Conc.: 0.182092

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**34.88**	
3.23	3.25	3.27	2913.126	0.004431			1
3.45	3.48	3.49	1702.697	0.00253			2
3.74	3.77	3.78	2196.478	0.002797			4
+ 3.91	3.92	3.95	740.437	0.00131			6
3.91	3.94	3.95	2974.985	0.005262			6
Height Summation:			**9787.286**				
Amount Avg CF:			**0.003755**	Linear:			
Aroclor-1221					**2**	**139.12**	
3.18	3.20	3.22	116561.9	0.418642			2
3.23	3.25	3.27	2913.126	0.003435			3
Height Summation:			**119475.026**				
Amount Avg CF:			**0.211038**	Linear:			
Aroclor-1232					**4**	**58.55**	
3.23	3.25	3.27	2913.126	0.003777			1
3.45	3.48	3.49	1702.697	0.005287			2
3.74	3.77	3.78	2196.478	0.006067			4
+ 3.91	3.92	3.95	740.437	0.003256			6
3.91	3.94	3.95	2974.985	0.013081			6
Height Summation:			**9787.286**				
Amount Avg CF:			**0.007053**	Linear:			
Aroclor-1242					**4**	**39.11**	
3.23	3.25	3.27	2913.126	0.003309			1
3.45	3.48	3.49	1702.697	0.001924			2
3.74	3.77	3.78	2196.478	0.00189			4
+ 3.91	3.92	3.95	740.437	0.001029			6
3.91	3.94	3.95	2974.985	0.004134			6
Height Summation:			**9787.286**				
Amount Avg CF:			**0.002814**	Linear:			
Aroclor-1248					**4**	**69.61**	
+ 3.84	3.86	3.88	962.0319	0.00199			2
3.84	3.87	3.88	1415.265	0.002928			2
+ 3.91	3.92	3.95	740.437	0.00092			3
3.91	3.94	3.95	2974.985	0.003696			3
4.03	4.07	4.07	2068.359	0.002276			4
4.30	4.33	4.34	7677.802	0.009135			6
Height Summation:			**14136.411**				
Amount Avg CF:			**0.004509**	Linear:			
Aroclor-1254					**2**	**96.06**	
4.91	4.91	4.95	974.5216	0.000784			4
5.11	5.12	5.15	2919.431	0.004105			5
Height Summation:			**3893.9526**				
Amount Avg CF:			**0.002445**	Linear:			

Analysis Report (B)

Injected on : Sep 20, 2017 01:43:18
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0030.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 107% (53-140) Conc.: 0.215526
%SSR(DCB) : 94% (45-143) Conc.: 0.188829

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**7.15**	
3.12	3.16	3.16	2931.898	0.003428			2
3.40	3.42	3.44	3523.133	0.003888			4
3.57	3.60	3.61	2729.194	0.003893			6
Height Summation:			**9184.225**				
Amount Avg CF:			**0.003736**	Linear:			
Aroclor-1221					**2**	**137.59**	
2.80	2.82	2.84	2545.584	0.006949			1
2.86	2.87	2.90	116172.9	0.505568			2
Height Summation:			**118718.484**				
Amount Avg CF:			**0.256258**	Linear:			
Aroclor-1232					**3**	**15.42**	
3.12	3.16	3.16	2931.898	0.006789			2
3.40	3.42	3.44	3523.133	0.008449			4
3.57	3.60	3.61	2729.194	0.00926			6
Height Summation:			**9184.225**				
Amount Avg CF:			**0.008166**	Linear:			
Aroclor-1242					**3**	**19.08**	
3.12	3.16	3.16	2931.898	0.003882			2
3.40	3.42	3.44	3523.133	0.002678			4
3.57	3.60	3.61	2729.194	0.00308			6
Height Summation:			**9184.225**				
Amount Avg CF:			**0.003213**	Linear:			
Aroclor-1248					**1**		
3.90	3.91	3.94	2352.222	0.001616			6
Height Summation:			**2352.222**				
Amount Avg CF:			**0.001616**	Linear:			
Aroclor-1254					**2**	**51.30**	
4.26	4.27	4.30	4920.257	0.002411			2
4.42	4.45	4.46	6499.286	0.005157			4
Height Summation:			**11419.543**				
Amount Avg CF:			**0.003784**	Linear:			
Aroclor-1260					**1**		
5.14	5.16	5.18	2082.531	0.000967			5
Height Summation:			**2082.531**				
Amount Avg CF:			**0.000967**	Linear:			
Aroclor-1262					**2**	**128.91**	
5.14	5.16	5.18	2082.531	0.000744			3
5.36	5.39	5.40	16270.99	0.016063			4
Height Summation:			**18353.521**				
Amount Avg CF:			**0.008403**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKBY Sample ID: BY **Batchnumber: 1726199999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 20, 2017 01:43:18
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0030.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**4**	**19.50**	
4.82	4.84	4.86	5724.176	0.003933			1
5.02	5.04	5.06	4018.516	0.002813			2
5.45	5.46	5.49	2006.365	0.002556			4
+ 5.45	5.47	5.49	1380.404	0.001758			4
5.89	5.91	5.93	4321.807	0.003438			6
Height Summation:			**16070.864**				
Amount Avg CF:			**0.003185**	Linear:			
Aroclor-1262					**3**	**31.87**	
5.45	5.46	5.49	2006.365	0.001938			2
+ 5.45	5.47	5.49	1380.404	0.001333			2
5.89	5.91	5.93	4321.807	0.002787			4
5.95	5.96	5.99	2913.204	0.003734			5
Height Summation:			**9241.376**				
Amount Avg CF:			**0.00282**	Linear:			
Aroclor-1268					**5**	**162.27**	
5.89	5.91	5.93	4321.807	0.001554			1
5.95	5.96	5.99	2913.204	0.001211			2
6.08	6.10	6.12	82473.28	0.035729			3
6.14	6.16	6.18	93576.89	0.154405			4
6.51	6.53	6.55	39630.39	0.008465			6
Height Summation:			**222915.571**				
Amount Avg CF:			**0.040273**	Linear:			

Analysis Report (B)

Injected on : Sep 20, 2017 01:43:18
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0030.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**4**	**138.20**	
5.36	5.39	5.40	16270.99	0.005606			1
5.56	5.57	5.60	64873.68	0.027886			3
5.62	5.64	5.66	74905.91	0.132269			4
5.98	6.00	6.02	44129.07	0.00804			6
Height Summation:			**200179.65**				
Amount Avg CF:			**0.04345**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						0.50	4	40	
Aroclor-1221						19.35	3	40	
Aroclor-1232						14.62	4	40	
Aroclor-1242						13.23	4	40	
Aroclor-1248						** 94.44	4	40	
Aroclor-1254						** 43.01	4	40	
Aroclor-1260						** 106.84	4	40	
Aroclor-1262						** 99.50	4	40	
Aroclor-1268						7.59	4	40	

Units: ug/kg

7E
CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843A Date Analyzed: 09/20/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 5:42

Lab File ID: 07PCBS1725010.0051.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164BD Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	43.29	40.00	8
Decachlorobiphenyl	6.68	6.65	6.71	35.20	40.24	-13
Aroclor-1016	3.25	3.23	3.27	211.20	202.00	5
	3.47	3.45	3.49	209.06	202.00	3
	3.58	3.56	3.60	213.19	202.00	6
	3.76	3.74	3.78	210.06	202.00	4
	3.80	3.78	3.82	202.46	202.00	0
	3.93	3.91	3.95	208.06	202.00	3
Aroclor-1260	4.84	4.82	4.86	204.39	201.64	1
	5.04	5.02	5.06	189.00	201.64	-6
	5.25	5.23	5.27	185.72	201.64	-8
	5.47	5.45	5.49	195.64	201.64	-3
	5.71	5.69	5.73	186.98	201.64	-7
	5.91	5.89	5.93	178.86	201.64	-11

Compounds 14 Average of %D: 6

7E

CALIBRATION VERIFICATION SUMMARY

Lab Name: Lancaster Laboratories Contract:

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

Instrument: 19843B Date Analyzed: 09/20/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 5:42

Lab File ID: 07PCBS1725010B.0051.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164BD Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001B

COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	2.65	2.62	2.68	44.25	40.00	11
Decachlorobiphenyl	6.16	6.13	6.19	35.59	40.24	-12
Aroclor-1016	2.94	2.92	2.96	206.76	202.00	2
	3.14	3.12	3.16	208.95	202.00	3
	3.26	3.25	3.29	205.91	202.00	2
	3.42	3.40	3.44	198.09	202.00	-2
	3.46	3.44	3.48	199.94	202.00	-1
	3.59	3.57	3.61	198.14	202.00	-2
Aroclor-1260	4.37	4.35	4.39	194.73	201.64	-3
	4.51	4.49	4.53	183.55	201.64	-9
	4.61	4.60	4.64	187.95	201.64	-7
	4.74	4.72	4.76	179.58	201.64	-11
	5.16	5.14	5.18			
	5.42	5.40	5.44	182.35	201.64	-10

Compounds 14 Average of %D: 6

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17**24B PIBLKBZ Sample ID: BZ **Batchnumber: 1726199999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 20, 2017 05:54:14
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0052.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.207629
%SSR(DCB) : 89% (45-143) Conc.: 0.18006

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	50.39	
3.74	3.76	3.78	2537.369	0.003231			4
3.78	3.79	3.82	1181.552	0.001282			5
3.91	3.92	3.95	2325.521	0.004113			6
+ 3.91	3.95	3.95	991.2567	0.001753			6
Height Summation:			6044.442				
Amount Avg CF:			0.002875	Linear:			
Aroclor-1221					1		
3.18	3.20	3.22	118458.5	0.425453			2
Height Summation:			118458.5				
Amount Avg CF:			0.425453	Linear:			
Aroclor-1232					3	57.74	
3.74	3.76	3.78	2537.369	0.007009			4
3.78	3.79	3.82	1181.552	0.002615			5
3.91	3.92	3.95	2325.521	0.010226			6
+ 3.91	3.95	3.95	991.2567	0.004359			6
Height Summation:			6044.442				
Amount Avg CF:			0.006617	Linear:			
Aroclor-1242					3	54.59	
3.74	3.76	3.78	2537.369	0.002183			4
3.78	3.79	3.82	1181.552	0.000927			5
3.91	3.92	3.95	2325.521	0.003232			6
Height Summation:			6044.442				
Amount Avg CF:			0.002114	Linear:			
Aroclor-1248					5	51.87	
3.78	3.79	3.82	1181.552	0.0026			1
3.84	3.84	3.88	1594.793	0.003299			2
3.91	3.92	3.95	2325.521	0.002889			3
4.03	4.05	4.07	1135.452	0.001249			4
4.30	4.33	4.34	4825.612	0.005742			6
Height Summation:			11062.93				
Amount Avg CF:			0.003156	Linear:			
Aroclor-1254					3	17.40	
4.63	4.64	4.67	2333.963	0.002428			2
5.11	5.11	5.15	1222.692	0.001719			5
5.23	5.24	5.27	2121.346	0.002271			6
Height Summation:			5678.001				
Amount Avg CF:			0.002139	Linear:			
Aroclor-1260					4	35.11	
5.02	5.04	5.06	2553.717	0.001788			2
5.23	5.24	5.27	2121.346	0.001565			3
5.45	5.47	5.49	1672.177	0.00213			4
5.89	5.91	5.93	4144.81	0.003297			6
Height Summation:			10492.05				
Amount Avg CF:			0.002195	Linear:			

Analysis Report (B)

Injected on : Sep 20, 2017 05:54:14
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0052.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 107% (53-140) Conc.: 0.215772
%SSR(DCB) : 89% (45-143) Conc.: 0.179137

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					1		
3.12	3.16	3.16	2284.127	0.00267			2
Height Summation:			2284.127				
Amount Avg CF:			0.00267	Linear:			
Aroclor-1221					1		
2.86	2.87	2.90	119695.6	0.520898			2
Height Summation:			119695.6				
Amount Avg CF:			0.520898	Linear:			
Aroclor-1232					1		
3.12	3.16	3.16	2284.127	0.005289			2
Height Summation:			2284.127				
Amount Avg CF:			0.005289	Linear:			
Aroclor-1242					1		
3.12	3.16	3.16	2284.127	0.003024			2
Height Summation:			2284.127				
Amount Avg CF:			0.003024	Linear:			
Aroclor-1248					1		
3.90	3.93	3.94	1911.506	0.001314			6
Height Summation:			1911.506				
Amount Avg CF:			0.001314	Linear:			
Aroclor-1254					1		
4.26	4.27	4.30	3464.839	0.001698			2
Height Summation:			3464.839				
Amount Avg CF:			0.001698	Linear:			
Aroclor-1260					3	31.06	
4.49	4.51	4.53	2050.331	0.001199			2
4.60	4.61	4.64	2931.554	0.002121			3
5.14	5.16	5.18	2983.917	0.001385			5
Height Summation:			7965.802				
Amount Avg CF:			0.001568	Linear:			
Aroclor-1262					2	45.57	
4.95	4.96	4.99	3154.665	0.002078			2
5.14	5.16	5.18	2983.917	0.001065			3
Height Summation:			6138.582				
Amount Avg CF:			0.001572	Linear:			
Aroclor-1268					3	120.59	
5.56	5.57	5.60	78623.43	0.033796			3
5.62	5.64	5.66	91641.77	0.161821			4
5.98	6.00	6.02	47706.95	0.008692			6
Height Summation:			217972.15				
Amount Avg CF:			0.068103	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKBZ Sample ID: BZ **Batchnumber: 1726199999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 20, 2017 05:54:14
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0052.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**4**	**34.85**	
5.45	5.47	5.49	1672.177	0.001615			2
5.89	5.91	5.93	4144.81	0.002673			4
5.95	5.95	5.99	2861.573	0.003668			5
6.31	6.33	6.35	2687.751	0.003842			6

Height Summation: **11366.311**
Amount Avg CF: **0.002949** Linear:

Aroclor-1268					**6**	**177.09**	
5.89	5.91	5.93	4144.81	0.00149			1
5.95	5.95	5.99	2861.573	0.00119			2
6.08	6.10	6.12	102800.8	0.044535			3
6.14	6.16	6.18	113194.8	0.186775			4
6.31	6.33	6.35	2687.751	0.003778			5
6.51	6.53	6.55	47066.02	0.010053			6

Height Summation: **272755.754**
Amount Avg CF: **0.041304** Linear:

Analysis Report (B)

Injected on : Sep 20, 2017 05:54:14
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0052.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						7.39	4	40	
Aroclor-1221						20.17	3	40	
Aroclor-1232						22.30	4	40	
Aroclor-1242						35.44	4	40	
Aroclor-1248						** 82.45	4	40	
Aroclor-1254						23.01	4	40	
Aroclor-1260						33.29	4	40	
Aroclor-1262						** 60.94	4	40	
Aroclor-1268						** 48.99	4	40	

Units: ug/kg

Eurofins Lancaster Laboratories
Pesticide Residue Analysis
Runlog for 25PCBS17257002
Instrument CP25--18274A

Data Directory Path is - \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
2855	25PCBS17257002.001	CONDITIONER		9/14/17 15:48	1725699999	1.00
2855	25PCBS17257002.002	CONDITIONER		9/14/17 16:00	1725699999	1.00
2855	25PCBS17257002.003	CONDITIONER		9/14/17 16:11	1725699999	1.00
2855	25PCBS17257002.004	CONDITIONER		9/14/17 16:22	1725699999	1.00
2855	25PCBS17257002.005	IBLKX1724B	PIBLKAA	9/14/17 16:33	1725699999	10.00
2855	25PCBS17257002.006	EVALX1724A	EVALXAA	9/14/17 16:45	1725699999	1.00
2855	25PCBS17257002.007	AR1611724B	AR161AA	9/14/17 16:57	1725699999	1.00
2855	25PCBS17257002.008	AR1621724B	AR162AA	9/14/17 17:08	1725699999	1.00
2855	25PCBS17257002.009	AR1631724B	AR163AA	9/14/17 17:19	1725699999	1.00
2855	25PCBS17257002.010	AR1641724B	AR164AA	9/14/17 17:30	1725699999	1.00
2855	25PCBS17257002.011	AR1651724B	AR165AA	9/14/17 17:42	1725699999	1.00
2855	25PCBS17257002.012	AR1661724A	AR166AA	9/14/17 17:53	1725699999	1.00
2855	25PCBS17257002.013	AR4811724C	AR481AA	9/14/17 18:04	1725699999	1.00
2855	25PCBS17257002.014	AR4821724C	AR482AA	9/14/17 18:16	1725699999	1.00
2855	25PCBS17257002.015	AR4831724C	AR483AA	9/14/17 18:27	1725699999	1.00
2855	25PCBS17257002.016	AR4841724C	AR484AA	9/14/17 18:38	1725699999	1.00
2855	25PCBS17257002.017	AR4851724C	AR485AA	9/14/17 18:49	1725699999	1.00
2855	25PCBS17257002.018	AR4861724B	AR486AA	9/14/17 19:01	1725699999	1.00
2855	25PCBS17257002.019	AR5411724B	AR541AA	9/14/17 19:12	1725699999	1.00
2855	25PCBS17257002.020	AR5421724B	AR542AA	9/14/17 19:24	1725699999	1.00
2855	25PCBS17257002.021	AR5431724B	AR543AA	9/14/17 19:35	1725699999	1.00
2855	25PCBS17257002.022	AR5441724B	AR544AA	9/14/17 19:46	1725699999	1.00
2855	25PCBS17257002.023	AR5451724B	AR545AA	9/14/17 19:58	1725699999	1.00
2855	25PCBS17257002.024	AR5461724A	AR546AA	9/14/17 20:09	1725699999	1.00
2855	25PCBS17257002.025	AR6231724A	AR623AA	9/14/17 20:21	1725699999	1.00
2855	25PCBS17257002.026	AR6831724B	AR683AA	9/14/17 20:32	1725699999	1.00
2855	25PCBS17257002.027	AR2131724A	AR213AA	9/14/17 20:44	1725699999	1.00
2855	25PCBS17257002.028	AR3241724A	AR324AA	9/14/17 20:55	1725699999	1.00
2855	25PCBS17257002.029	AR4231724A	AR423AA	9/14/17 21:06	1725699999	1.00
2855	25PCBS17257002.030	AR16XX1724B	AR16XAA	9/14/17 21:18	1725699999	1.00
2855	25PCBS17257002.031	MD16X1724B	MD16XAA	9/14/17 21:29	1725699999	1.00
2855	25PCBS17257002.032	IC16X1724C	IC16XAA	9/14/17 21:41	1725699999	1.00
2855	25PCBS17257002.033	IC48X1724B	IC48XAA	9/14/17 21:52	1725699999	1.00
2855	25PCBS17257002.034	IC54X1724A	IC54XAA	9/14/17 22:03	1725699999	1.00
2855	25PCBS17257002.035	BLANKA 9/12/17 AF	PBLK10255	9/14/17 22:15	172550010A	10.00
2855	25PCBS17257002.036	LCSA 9/12/17 AF	LCS10255	9/14/17 22:26	172550010A	10.00
2855	25PCBS17257002.037	LCSDA 9/12/17 AF	LCSD10255	9/14/17 22:37	172550010A	10.00
2855	25PCBS17257002.038	9199740 AF	PRERO	9/14/17 22:48	172550010A	10.00
2855	25PCBS17257002.039	9199741 AF	POSRO	9/14/17 23:00	172550010A	10.00
2855	25PCBS17257002.040	BLANKA 9/13/17 AF	PBLK07256	9/14/17 23:11	172560007A	2.00
2855	25PCBS17257002.041	LCSA 9/13/17 AF	LCS07256	9/14/17 23:22	172560007A	2.00
2855	25PCBS17257002.042	LCSDA 9/13/17 AF	LCSD07256	9/14/17 23:33	172560007A	2.00
2855	25PCBS17257002.043	9197273 AF	T1-E1	9/14/17 23:45	172560007A	2.00
2855	25PCBS17257002.044	9197274 AF	T1-E2	9/14/17 23:56	172560007A	2.00
2855	25PCBS17257002.045	BLANKA 9/13/17 AF	PBLK08256	9/15/17 0:08	172560008A	2.00
2855	25PCBS17257002.046	LCSA 9/13/17 AF	LCS08256	9/15/17 0:19	172560008A	2.00
2855	25PCBS17257002.047	LCSDA 9/13/17 AF	LCSD08256	9/15/17 0:30	172560008A	2.00
2855	25PCBS17257002.048	9200763 AF	IRW2A	9/15/17 0:42	172560008A	2.00
2855	25PCBS17257002.049	BLANKA 9/11/17 ACF	PBLK04254	9/15/17 0:53	172540004A	10.00
2855	25PCBS17257002.050	LCSA 9/11/17 ACF	LCS04254	9/15/17 1:05	172540004A	10.00
2855	25PCBS17257002.051	AR1641724B	AR164YV	9/15/17 1:16	1725699999	1.00
2855	25PCBS17257002.052	IBLKX1724B	PIBLKZB	9/15/17 1:27	1725699999	10.00
2855	25PCBS17257002.053	9198627 ACF DF50	41G01	9/15/17 1:39	172540004A	500.00
2855	25PCBS17257002.054	9198631 ACF DF50	41G05	9/15/17 1:50	172540004A	500.00
2855	25PCBS17257002.055	AR1641724B	AR164YW	9/15/17 2:02	1725699999	1.00

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
2855	25PCBS17257002.056	IBLKX1724B	PIBLKZC	9/15/17 2:13	1725699999	10.00
2855	25PCBS17257002.057	9199809 ACF	3411A	9/15/17 2:24	172540004A	10.00
2855	25PCBS17257002.058	9199809 ACF DF5	3411A	9/15/17 2:36	172540004A	50.00
2855	25PCBS17257002.059	9200176 ACF	MTVWA	9/15/17 2:47	172540004A	10.00
2855	25PCBS17257002.060	9200176 ACF DF5	MTVWA	9/15/17 2:58	172540004A	50.00
2855	25PCBS17257002.061	9200223 ACF	SOILC	9/15/17 3:10	172540004A	10.00
2855	25PCBS17257002.062	9200343 ACF	2615-	9/15/17 3:21	172540004A	10.00
2855	25PCBS17257002.063	9200344 ACF DF5	2702-	9/15/17 3:33	172540004A	50.00
2855	25PCBS17257002.064	9200346 ACF	2715-	9/15/17 3:44	172540004A	10.00
2855	25PCBS17257002.065	9200347 ACF DF5	2802-	9/15/17 3:55	172540004A	50.00
2855	25PCBS17257002.066	9200349 ACF	-2815	9/15/17 4:06	172540004A	10.00
2855	25PCBS17257002.067	9200350 ACF	TB202	9/15/17 4:18	172540004A	10.00
2855	25PCBS17257002.068	9200352 ACF	TB215	9/15/17 4:29	172540004A	10.00
2855	25PCBS17257002.069	9200353 ACF	2902-	9/15/17 4:41	172540004A	10.00
2855	25PCBS17257002.070	9200355 ACF	2915-	9/15/17 4:52	172540004A	10.00
2855	25PCBS17257002.071	9200355 ACF DF5	2915-	9/15/17 5:03	172540004A	50.00
2855	25PCBS17257002.072	9200356 ACF	-3002	9/15/17 5:15	172540004A	10.00
2855	25PCBS17257002.073	9200358 ACF	-3015	9/15/17 5:26	172540004A	10.00
2855	25PCBS17257002.074	9200361 ACF	-3115	9/15/17 5:38	172540004A	10.00
2855	25PCBS17257002.075	9200362 ACF	23202	9/15/17 5:49	172540004A	10.00
2855	25PCBS17257002.076	9200363 ACF	23215	9/15/17 6:00	172540004A	10.00
2855	25PCBS17257002.077	9200363MS ACF	23215MS	9/15/17 6:12	172540004A	10.00
2855	25PCBS17257002.078	9200363MSD ACF	23215MSD	9/15/17 6:23	172540004A	10.00
2855	25PCBS17257002.079	9200364 ACF	TB302	9/15/17 6:34	172540004A	10.00
2855	25PCBS17257002.080	AR1641724B	AR164YX	9/15/17 6:46	1725699999	1.00
2855	25PCBS17257002.081	IBLKX1724B	PIBLKZD	9/15/17 6:57	1725699999	10.00

Eurofins Lancaster Laboratories
Pesticide Residue Analysis
Runlog for 07PCBS17250001
Instrument CP 7--19843A

Data Directory Path is - \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
2855	07PCBS17250001.0001	CONDITIONER		9/7/17 22:25	1724999999	1.00
2855	07PCBS17250001.0002	CONDITIONER		9/7/17 22:37	1724999999	1.00
2855	07PCBS17250001.0003	CONDITIONER		9/7/17 22:48	1724999999	1.00
2855	07PCBS17250001.0004	CONDITIONER		9/7/17 22:59	1724999999	1.00
2855	07PCBS17250001.0005	IBLKX1724A	PIBLKAA	9/7/17 23:11	1724999999	10.00
2855	07PCBS17250001.0006	EVALX1724A	EVALXAA	9/7/17 23:22	1724999999	1.00
2855	07PCBS17250001.0007	AR1611724B	AR161AA	9/7/17 23:33	1724999999	1.00
2855	07PCBS17250001.0008	AR1621724B	AR162AA	9/7/17 23:45	1724999999	1.00
2855	07PCBS17250001.0009	AR1631724B	AR163AA	9/7/17 23:56	1724999999	1.00
2855	07PCBS17250001.0010	AR1641724B	AR164AA	9/8/17 0:08	1724999999	1.00
2855	07PCBS17250001.0011	AR1651724B	AR165AA	9/8/17 0:19	1724999999	1.00
2855	07PCBS17250001.0012	AR1661724A	AR166AA	9/8/17 0:30	1724999999	1.00
2855	07PCBS17250001.0013	AR4811724C	AR481AA	9/8/17 0:42	1724999999	1.00
2855	07PCBS17250001.0014	AR4821724C	AR482AA	9/8/17 0:53	1724999999	1.00
2855	07PCBS17250001.0015	AR4831724C	AR483AA	9/8/17 1:05	1724999999	1.00
2855	07PCBS17250001.0016	AR4841724C	AR484AA	9/8/17 1:16	1724999999	1.00
2855	07PCBS17250001.0017	AR4851724C	AR485AA	9/8/17 1:28	1724999999	1.00
2855	07PCBS17250001.0018	AR4861724B	AR486AA	9/8/17 1:39	1724999999	1.00
2855	07PCBS17250001.0019	AR5411724B	AR541AA	9/8/17 1:51	1724999999	1.00
2855	07PCBS17250001.0020	AR5421724B	AR542AA	9/8/17 2:02	1724999999	1.00
2855	07PCBS17250001.0021	AR5431724B	AR543AA	9/8/17 2:14	1724999999	1.00
2855	07PCBS17250001.0022	AR5441724B	AR544AA	9/8/17 2:25	1724999999	1.00
2855	07PCBS17250001.0023	AR5451724B	AR545AA	9/8/17 2:37	1724999999	1.00
2855	07PCBS17250001.0024	AR5461724A	AR546AA	9/8/17 2:48	1724999999	1.00
2855	07PCBS17250001.0025	AR6231724A	AR623AA	9/8/17 2:59	1724999999	1.00
2855	07PCBS17250001.0026	AR6831724B	AR683AA	9/8/17 3:11	1724999999	1.00
2855	07PCBS17250001.0027	AR2131724A	AR213AA	9/8/17 3:22	1724999999	1.00
2855	07PCBS17250001.0028	AR3231724A	AR323AA	9/8/17 3:34	1724999999	1.00
2855	07PCBS17250001.0029	AR4231724A	AR423AA	9/8/17 3:45	1724999999	1.00
2855	07PCBS17250001.0030	AR16XX1724B	AR16XAA	9/8/17 3:57	1724999999	1.00
2855	07PCBS17250001.0031	MD16X1724B	MD16XAA	9/8/17 4:08	1724999999	1.00
2855	07PCBS17250001.0032	IC16X1724C	IC16XAA	9/8/17 4:20	1724999999	1.00
2855	07PCBS17250001.0033	IC48X1724B	IC48XAA	9/8/17 4:31	1724999999	1.00
2855	07PCBS17250001.0034	IC54X1724A	IC54XAA	9/8/17 4:42	1724999999	1.00

Eurofins Lancaster Laboratories
Pesticide Residue Analysis
Runlog for 25PCBS17257004
Instrument CP25--18274A

Data Directory Path is - \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
9065	25PCBS17257004.001	CONDITIONER		9/17/17 17:50	1725999999	1.00
9065	25PCBS17257004.002	CONDITIONER		9/17/17 18:01	1725999999	1.00
9065	25PCBS17257004.003	CONDITIONER		9/17/17 18:12	1725999999	1.00
9065	25PCBS17257004.004	CONDITIONER		9/17/17 18:23	1725999999	1.00
9065	25PCBS17257004.005	AR1641724B	AR164ZW	9/17/17 18:35	1725999999	1.00
9065	25PCBS17257004.006	IBLKX1724B	PIBLKAG	9/17/17 18:46	1725999999	10.00
9065	25PCBS17257004.007	9198627 ACF	41G01	9/17/17 18:58	172540004A	10.00
9065	25PCBS17257004.008	9198627 ACF DF5	41G01	9/17/17 19:09	172540004A	50.00
9065	25PCBS17257004.009	9198627 ACF DF10	41G01	9/17/17 19:20	172540004A	100.00
9065	25PCBS17257004.010	9198631 ACF DF5	41G05	9/17/17 19:32	172540004A	50.00
9065	25PCBS17257004.011	9198631 ACF DF10	41G05	9/17/17 19:43	172540004A	100.00
9065	25PCBS17257004.012	BLANKA 9/14/17 ACI	PBLK36256	9/17/17 19:54	172560036A	10.00
9065	25PCBS17257004.013	LCSA 9/14/17 ACF	LCS36256	9/17/17 20:06	172560036A	10.00
9065	25PCBS17257004.014	AR1641724B	AR164ZX	9/17/17 20:17	1725999999	1.00
9065	25PCBS17257004.015	IBLKX1724B	PIBLKAH	9/17/17 20:28	1725999999	10.00
9065	25PCBS17257004.016	9197671 ACF DF50	D3436	9/17/17 20:40	172560036A	500.00
9065	25PCBS17257004.017	9197671MS ACF DF	D3436MS	9/17/17 20:51	172560036A	500.00
9065	25PCBS17257004.018	9197671MSD ACF D	D3436MSD	9/17/17 21:02	172560036A	500.00
9065	25PCBS17257004.019	9197673 ACF	D1-25	9/17/17 21:14	172560036A	10.00
9065	25PCBS17257004.020	9197676 ACF	D2022	9/17/17 21:26	172560036A	10.00
9065	25PCBS17257004.021	9197677 ACF	D2830	9/17/17 21:37	172560036A	10.00
9065	25PCBS17257004.022	9197679 ACF	DR33C	9/17/17 21:48	172560036A	10.00
9065	25PCBS17257004.023	9197681 ACF	DR09C	9/17/17 21:59	172560036A	10.00
9065	25PCBS17257004.024	9199757 ACF	24D02	9/17/17 22:11	172560036A	10.00
9065	25PCBS17257004.025	9199757 ACF DF5	24D02	9/17/17 22:23	172560036A	50.00
9065	25PCBS17257004.026	AR1641724B	AR164ZY	9/17/17 22:34	1725999999	1.00
9065	25PCBS17257004.027	IBLKX1724B	PIBLKAI	9/17/17 22:45	1725999999	10.00
9065	25PCBS17257004.028	9199759 ACF	24D04	9/17/17 22:57	172560036A	10.00
9065	25PCBS17257004.029	9199761 ACF	24D06	9/17/17 23:08	172560036A	10.00
9065	25PCBS17257004.030	AR1641724B	AR164ZZ	9/17/17 23:19	1725999999	1.00
9065	25PCBS17257004.031	IBLKX1724B	PIBLKAJ	9/17/17 23:31	1725999999	10.00
9065	25PCBS17257004.032	9205491 ACF	1WC--	9/17/17 23:42	172560036A	10.00
9065	25PCBS17257004.033	CONDITIONER		9/17/17 23:53	1725999999	1.00
9065	25PCBS17257004.034	BLANKA 9/15/17 AF	PBLK44257	9/18/17 0:05	172570044A	2.00
9065	25PCBS17257004.035	LCSA 9/15/17 AF	LCS44257	9/18/17 0:16	172570044A	2.00
9065	25PCBS17257004.036	LCSDA 9/15/17 AF	LCSD44257	9/18/17 0:27	172570044A	2.00
9065	25PCBS17257004.037	9199076 RI AF	WWD-1	9/18/17 0:39	172570044A	2.00
9065	25PCBS17257004.038	9200175 RI AF	AMTEB	9/18/17 0:50	172570044A	2.00
9065	25PCBS17257004.039	9201389 RI AF	POHSW	9/18/17 1:01	172570044A	2.00
9065	25PCBS17257004.040	9202716 RI AF	911-E	9/18/17 1:12	172570044A	2.00
9065	25PCBS17257004.041	9203911 RI AF	422-1	9/18/17 1:24	172570044A	2.00
9065	25PCBS17257004.042	9203912 RI AF	422-2	9/18/17 1:35	172570044A	2.00
9065	25PCBS17257004.043	9203913 RI AF	422-3	9/18/17 1:47	172570044A	2.00
9065	25PCBS17257004.044	9203914 RI AF	422-4	9/18/17 1:58	172570044A	2.00
9065	25PCBS17257004.045	9203915 RI AF	422-5	9/18/17 2:09	172570044A	2.00
9065	25PCBS17257004.046	9203916 RI AF	422-6	9/18/17 2:21	172570044A	2.00
9065	25PCBS17257004.047	9203917 RI AF	422-7	9/18/17 2:32	172570044A	2.00
9065	25PCBS17257004.048	9203918 RI AF	422-8	9/18/17 2:43	172570044A	2.00
9065	25PCBS17257004.049	BLANKA 9/15/17 CAI	PBLK21258	9/18/17 2:55	172580021A	2.00
9065	25PCBS17257004.050	LCSA 9/15/17 CAF	LCS21258	9/18/17 3:06	172580021A	2.00
9065	25PCBS17257004.051	LCSDA 9/15/17 CAF	LCSD21258	9/18/17 3:18	172580021A	2.00
9065	25PCBS17257004.052	AR1641724B	AR164AC	9/18/17 3:29	1725999999	1.00
9065	25PCBS17257004.053	IBLKX1724B	PIBLKAL	9/18/17 3:40	1725999999	10.00
9065	25PCBS17257004.054	9197694 CAF	COND-	9/18/17 3:52	172580021A	2.00
9065	25PCBS17257004.055	9197694 CAF DF5	COND-	9/18/17 4:03	172580021A	10.00
9065	25PCBS17257004.056	9197694 CAF DF10	COND-	9/18/17 4:15	172580021A	20.00

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
9065	25PCBS17257004.057	BLANKA 9/15/17 AC	IPBLK33257	9/18/17 4:26	172570033A	10.00
9065	25PCBS17257004.058	LCSA 9/15/17 ACF	LCS33257	9/18/17 4:37	172570033A	10.00
9065	25PCBS17257004.059	9206469 RI ACF	IRQ01	9/18/17 4:48	172570033A	10.00
9065	25PCBS17257004.060	9206470 RI ACF	IRQ02	9/18/17 5:00	172570033A	10.00
9065	25PCBS17257004.061	9206470MS ACF	IRQ02MS	9/18/17 5:11	172570033A	10.00
9065	25PCBS17257004.062	9206470MSD ACF	IRQ02MSD	9/18/17 5:23	172570033A	10.00
9065	25PCBS17257004.063	9206471 RI ACF	IRQ03	9/18/17 5:34	172570033A	10.00
9065	25PCBS17257004.064	9206472 RI ACF	IRQ04	9/18/17 5:45	172570033A	10.00
9065	25PCBS17257004.065	9206472 ACF DF5	IRQ04	9/18/17 5:57	172570033A	50.00
9065	25PCBS17257004.066	9206473 ACF DF5	IRQ05	9/18/17 6:08	172570033A	50.00
9065	25PCBS17257004.067	9206474 ACF DF5	IRQ06	9/18/17 6:20	172570033A	50.00
9065	25PCBS17257004.068	CONDITIONER		9/18/17 6:31	1725999999	1.00
9065	25PCBS17257004.069	9206474 ACF DF10	IRQ06	9/18/17 6:43	172570033A	100.00
9065	25PCBS17257004.070	CONDITIONER		9/18/17 6:54	1725999999	1.00
9065	25PCBS17257004.071	9206475 RI ACF	IRQ07	9/18/17 7:05	172570033A	10.00
9065	25PCBS17257004.072	9206475 ACF DF5	IRQ07	9/18/17 7:16	172570033A	50.00
9065	25PCBS17257004.073	9206476 RI ACF	IRQ08	9/18/17 7:28	172570033A	10.00
9065	25PCBS17257004.074	AR1641724B	AR164AD	9/18/17 7:39	1725999999	1.00
9065	25PCBS17257004.075	IBLKX1724B	PIBLKAM	9/18/17 7:51	1725999999	10.00
9065	25PCBS17257004.076	9206477 RI ACF	IRQ09	9/18/17 8:02	172570033A	10.00
9065	25PCBS17257004.077	9206478 RI ACF	IRQ10	9/18/17 8:13	172570033A	10.00
9065	25PCBS17257004.078	9206478 ACF DF5	IRQ10	9/18/17 8:24	172570033A	50.00
9065	25PCBS17257004.079	9206479 RI ACF	IRQ11	9/18/17 8:36	172570033A	10.00
9065	25PCBS17257004.080	9206480 RI ACF	IRQ12	9/18/17 8:47	172570033A	10.00
9065	25PCBS17257004.081	9206481 RI ACF	IRQ13	9/18/17 8:59	172570033A	10.00
9065	25PCBS17257004.082	9206482 RI ACF	IRQ14	9/18/17 9:10	172570033A	10.00
9065	25PCBS17257004.083	9206483 RI ACF	IRQ15	9/18/17 9:21	172570033A	10.00
9065	25PCBS17257004.084	BLANKA 9/13/17 AC	IPBLK11256	9/18/17 9:33	172560011A	10.00
9065	25PCBS17257004.085	LCSA 9/13/17 ACF	LCS11256	9/18/17 9:44	172560011A	10.00
9065	25PCBS17257004.086	9202620 ACF DF500	T199E	9/18/17 9:55	172560011A	5,000.00
9065	25PCBS17257004.087	9202620 ACF DF100	T199E	9/18/17 10:07	172560011A	10,000.00
9065	25PCBS17257004.088	9202621 ACF DF100	-100W	9/18/17 10:18	172560011A	1,000.00
9065	25PCBS17257004.089	9202622 ACF DF100	-100E	9/18/17 10:29	172560011A	1,000.00
9065	25PCBS17257004.090	9202625 ACF DF500	-102W	9/18/17 10:40	172560011A	5,000.00
9065	25PCBS17257004.091	9202626 ACF DF100	-102E	9/18/17 10:52	172560011A	1,000.00
9065	25PCBS17257004.092	9202627 ACF DF50	-103W	9/18/17 11:04	172560011A	500.00
9065	25PCBS17257004.093	9202628 ACF DF100	-103E	9/18/17 11:15	172560011A	1,000.00
9065	25PCBS17257004.094	9202629 ACF DF10	-104W	9/18/17 11:26	172560011A	100.00
9065	25PCBS17257004.095	9202630 ACF DF50	-104E	9/18/17 11:37	172560011A	500.00
9065	25PCBS17257004.096	AR1641724B	AR164AE	9/18/17 11:49	1725999999	1.00
9065	25PCBS17257004.097	IBLKX1724B	PIBLKAN	9/18/17 12:00	1725999999	10.00
9065	25PCBS17257004.098	9202631 ACF DF100	-113E	9/18/17 12:12	172560011A	1,000.00
9065	25PCBS17257004.099	9202632 ACF DF100	DUP12	9/18/17 12:23	172560011A	1,000.00
9065	25PCBS17257004.100	9202633 ACF DF100	-114E	9/18/17 12:34	172560011A	1,000.00
9065	25PCBS17257004.101	9202634 ACF DF20	-115W	9/18/17 12:45	172560011A	200.00
9065	25PCBS17257004.102	9202635MS ACF DF	-115W	9/18/17 12:57	172560011A	200.00
9065	25PCBS17257004.103	9202636MSD ACF D	-115W	9/18/17 13:08	172560011A	200.00
9065	25PCBS17257004.104	9202637 ACF DF50	DUP13	9/18/17 13:20	172560011A	500.00
9065	25PCBS17257004.105	9202639 ACF DF50	-105W	9/18/17 13:31	172560011A	500.00
9065	25PCBS17257004.106	9202640 ACF DF50	-105E	9/18/17 13:42	172560011A	500.00
9065	25PCBS17257004.107	9202641 ACF DF50	-106W	9/18/17 13:53	172560011A	500.00
9065	25PCBS17257004.108	9202642 ACF DF50	-106E	9/18/17 14:05	172560011A	500.00
9065	25PCBS17257004.109	AR1641724B	AR164AF	9/18/17 14:16	1725999999	1.00
9065	25PCBS17257004.110	IBLKX1724B	PIBLKAO	9/18/17 14:28	1725999999	10.00

Eurofins Lancaster Laboratories
Pesticide Residue Analysis
Runlog for 07PCBS17250008
Instrument CP 7--19843A

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Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
0492	07PCBS17250008.0001	CONDITIONER		9/17/17 16:38	1725999999	1.00
0492	07PCBS17250008.0002	CONDITIONER		9/17/17 16:50	1725999999	1.00
0492	07PCBS17250008.0003	CONDITIONER		9/17/17 17:01	1725999999	1.00
0492	07PCBS17250008.0004	CONDITIONER		9/17/17 17:13	1725999999	1.00
0492	07PCBS17250008.0005	AR1641724B	AR164ZQ	9/17/17 17:24	1725999999	1.00
0492	07PCBS17250008.0006	IBLKX1724B	PIBLKZZ	9/17/17 17:36	1725999999	10.00
0492	07PCBS17250008.0007	BLANKA 9/16/17 CAF	PBLK01259	9/17/17 17:47	172590001A	10.00
0492	07PCBS17250008.0008	LCSA 9/16/17 CAF	LCS01259	9/17/17 17:58	172590001A	10.00
0492	07PCBS17250008.0009	9211608 RI CAF	SFD2P	9/17/17 18:10	172590001A	10.00
0492	07PCBS17250008.0010	9211608 CAF DF5	SFD2P	9/17/17 18:21	172590001A	50.00
0492	07PCBS17250008.0011	9211609 RI CAF	C2PCB	9/17/17 18:33	172590001A	10.00
0492	07PCBS17250008.0012	9211609 CAF DF5	C2PCB	9/17/17 18:44	172590001A	50.00
0492	07PCBS17250008.0013	9211609MS CAF	C2PCBMS	9/17/17 18:56	172590001A	10.00
0492	07PCBS17250008.0014	9211609MS CAF DF5	C2PCBMS	9/17/17 19:07	172590001A	50.00
0492	07PCBS17250008.0015	9211609MSD CAF	C2PCBMSD	9/17/17 19:19	172590001A	10.00
0492	07PCBS17250008.0016	9211609MSD CAF DF5	C2PCBMSD	9/17/17 19:30	172590001A	50.00
0492	07PCBS17250008.0017	BLANKA 9/16/17 ACF	PBLK02259	9/17/17 19:41	172590002A	10.00
0492	07PCBS17250008.0018	LCSA 9/16/17 ACF	LCS02259	9/17/17 19:53	172590002A	10.00
0492	07PCBS17250008.0019	9211796 ACF DF50	130T1	9/17/17 20:04	172590002A	500.00
0492	07PCBS17250008.0020	9211796MS ACF DF50	130T1MS	9/17/17 20:16	172590002A	500.00
0492	07PCBS17250008.0021	9211796MSD ACF DF5	130T1MSD	9/17/17 20:27	172590002A	500.00
0492	07PCBS17250008.0022	9211797 ACF DF5	134T1	9/17/17 20:38	172590002A	50.00
0492	07PCBS17250008.0023	9211797 ACF DF10	134T1	9/17/17 20:50	172590002A	100.00
0492	07PCBS17250008.0024	BLANKA 9/10/17 ACF	PBLK39251	9/17/17 21:01	172510039A	10.00
0492	07PCBS17250008.0025	LCSA 9/10/17 ACF	LCS39251	9/17/17 21:12	172510039A	10.00
0492	07PCBS17250008.0026	AR1641724B	AR164ZR	9/17/17 21:24	1725999999	1.00
0492	07PCBS17250008.0027	IBLKX1724B	PIBLKAB	9/17/17 21:35	1725999999	10.00
0492	07PCBS17250008.0028	9197259 ACF DF20	T120W	9/17/17 21:46	172510039A	200.00
0492	07PCBS17250008.0029	9197260 ACF DF50	T120E	9/17/17 21:58	172510039A	500.00
0492	07PCBS17250008.0030	9197261 ACF DF50	T121W	9/17/17 22:09	172510039A	500.00
0492	07PCBS17250008.0031	9197262 ACF DF50	T121E	9/17/17 22:21	172510039A	500.00
0492	07PCBS17250008.0032	9197263 ACF DF20	T122W	9/17/17 22:32	172510039A	200.00
0492	07PCBS17250008.0033	9197264 ACF DF50	T122E	9/17/17 22:43	172510039A	500.00
0492	07PCBS17250008.0034	9197265 ACF DF20	T123W	9/17/17 22:55	172510039A	200.00
0492	07PCBS17250008.0035	9197266 ACF DF20	T123E	9/17/17 23:06	172510039A	200.00
0492	07PCBS17250008.0036	9197267 ACF DF10	T124W	9/17/17 23:17	172510039A	100.00
0492	07PCBS17250008.0037	9197268 ACF DF100	T124E	9/17/17 23:29	172510039A	1,000.00
0492	07PCBS17250008.0038	9197269 ACF DF50	T125W	9/17/17 23:40	172510039A	500.00
0492	07PCBS17250008.0039	9197270 ACF DF20	T125E	9/17/17 23:52	172510039A	200.00
0492	07PCBS17250008.0040	9197271 ACF DF20	T126W	9/18/17 0:03	172510039A	200.00
0492	07PCBS17250008.0041	9197272 ACF DF50	T126E	9/18/17 0:14	172510039A	500.00
0492	07PCBS17250008.0042	9197275 ACF DF100	T1-OS	9/18/17 0:26	172510039A	1,000.00
0492	07PCBS17250008.0043	9197276MS ACF DF10	T1-OS	9/18/17 0:37	172510039A	1,000.00
0492	07PCBS17250008.0044	9197277MSD ACF DF1	T1-OS	9/18/17 0:49	172510039A	1,000.00
0492	07PCBS17250008.0045	9197278 ACF DF100	T1-D1	9/18/17 1:00	172510039A	1,000.00
0492	07PCBS17250008.0046	9197307 ACF DF50	T1-1W	9/18/17 1:11	172510039A	500.00
0492	07PCBS17250008.0047	9197308 ACF DF5	T1-1E	9/18/17 1:23	172510039A	50.00
0492	07PCBS17250008.0048	AR1641724B	AR164ZS	9/18/17 1:34	1725999999	1.00
0492	07PCBS17250008.0049	IBLKX1724B	PIBLKAC	9/18/17 1:46	1725999999	10.00
0492	07PCBS17250008.0050	9197309 ACF DF5	T1-5E	9/18/17 1:57	172510039A	50.00
0492	07PCBS17250008.0051	9197310 ACF DF100	T1-6W	9/18/17 2:09	172510039A	1,000.00
0492	07PCBS17250008.0052	BLANKA 9/13/17 ACF	PBLK24255	9/18/17 2:20	172550024A	10.00
0492	07PCBS17250008.0053	LCSA 9/13/17 ACF	LCS24255	9/18/17 2:31	172550024A	10.00
0492	07PCBS17250008.0054	9200158 ACF DF10	T154W	9/18/17 2:43	172550024A	100.00
0492	07PCBS17250008.0055	9200159MS ACF DF10	T154W	9/18/17 2:54	172550024A	100.00

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
0492	07PCBS17250008.0056	9200160MSD ACF DF1	T154W	9/18/17 3:05	172550024A	100.00
0492	07PCBS17250008.0057	9200161 ACF DF10	AMD10	9/18/17 3:17	172550024A	100.00
0492	07PCBS17250008.0058	9200172 ACF DF50	T159E	9/18/17 3:28	172550024A	500.00
0492	07PCBS17250008.0059	9200173 ACF DF50	T160W	9/18/17 3:40	172550024A	500.00
0492	07PCBS17250008.0060	9200174 ACF DF100	T160E	9/18/17 3:51	172550024A	1,000.00
0492	07PCBS17250008.0061	9202597 ACF DF50	T190W	9/18/17 4:03	172550024A	500.00
0492	07PCBS17250008.0062	9202598 ACF DF200	T190E	9/18/17 4:14	172550024A	2,000.00
0492	07PCBS17250008.0063	9202599 ACF DF5	T191W	9/18/17 4:26	172550024A	50.00
0492	07PCBS17250008.0064	9202600 ACF DF500	T191E	9/18/17 4:37	172550024A	5,000.00
0492	07PCBS17250008.0065	9202601 ACF DF500	T192W	9/18/17 4:48	172550024A	5,000.00
0492	07PCBS17250008.0066	9202602 ACF DF500	T192E	9/18/17 5:00	172550024A	5,000.00
0492	07PCBS17250008.0067	9202602 ACF DF1000	T192E	9/18/17 5:12	172550024A	10,000.00
0492	07PCBS17250008.0068	9202603 ACF DF100	T193W	9/18/17 5:23	172550024A	1,000.00
0492	07PCBS17250008.0069	9202604 ACF DF2000	T193E	9/18/17 5:34	172550024A	20,000.00
0492	07PCBS17250008.0070	AR1641724B	AR164ZT	9/18/17 5:46	1725999999	1.00
0492	07PCBS17250008.0071	IBLKX1724B	PIBLKAD	9/18/17 5:57	1725999999	10.00
0492	07PCBS17250008.0072	9202604 ACF DF5000	T193E	9/18/17 6:09	172550024A	50,000.00
0492	07PCBS17250008.0073	9202604 ACF DF10000	T193E	9/18/17 6:20	172550024A	100,000.00
0492	07PCBS17250008.0074	9202605 ACF DF50	T194W	9/18/17 6:32	172550024A	500.00
0492	07PCBS17250008.0075	9202606 ACF DF1000	T194E	9/18/17 6:43	172550024A	10,000.00
0492	07PCBS17250008.0076	9202606 ACF DF2000	T194E	9/18/17 6:54	172550024A	20,000.00
0492	07PCBS17250008.0077	9202606 ACF DF5000	T194E	9/18/17 7:06	172550024A	50,000.00
0492	07PCBS17250008.0078	9202607 ACF DF100	T195W	9/18/17 7:17	172550024A	1,000.00
0492	07PCBS17250008.0079	9202608 ACF DF500	T195E	9/18/17 7:29	172550024A	5,000.00
0492	07PCBS17250008.0080	9202609 ACF DF20	T196W	9/18/17 7:40	172550024A	200.00
0492	07PCBS17250008.0081	9202610 ACF DF200	T196E	9/18/17 7:52	172550024A	2,000.00
0492	07PCBS17250008.0082	9202611 ACF DF100	T197W	9/18/17 8:03	172550024A	1,000.00
0492	07PCBS17250008.0083	BLANKA 9/13/17 ACF	PBLK12256	9/18/17 8:15	172560012A	10.00
0492	07PCBS17250008.0084	LCSA 9/13/17 ACF	LCS12256	9/18/17 8:26	172560012A	10.00
0492	07PCBS17250008.0085	9202643 ACF DF50	-107W	9/18/17 8:38	172560012A	500.00
0492	07PCBS17250008.0086	9202644 ACF DF20	-107E	9/18/17 8:49	172560012A	200.00
0492	07PCBS17250008.0087	9202645 ACF DF20	-108W	9/18/17 9:00	172560012A	200.00
0492	07PCBS17250008.0088	9202646 ACF DF20	-108E	9/18/17 9:12	172560012A	200.00
0492	07PCBS17250008.0089	9202647 ACF DF50	-109W	9/18/17 9:23	172560012A	500.00
0492	07PCBS17250008.0090	9202648 ACF DF50	-109E	9/18/17 9:35	172560012A	500.00
0492	07PCBS17250008.0091	9202649 ACF DF10	-110W	9/18/17 9:46	172560012A	100.00
0492	07PCBS17250008.0092	AR1641724B	AR164ZU	9/18/17 9:58	1725999999	1.00
0492	07PCBS17250008.0093	IBLKX1724B	PIBLKAE	9/18/17 10:09	1725999999	10.00
0492	07PCBS17250008.0094	9202650 ACF DF10	-110E	9/18/17 10:21	172560012A	100.00
0492	07PCBS17250008.0095	9202651 ACF DF10	-111W	9/18/17 10:39	172560012A	100.00
0492	07PCBS17250008.0096	9202652 ACF DF20	-111E	9/18/17 10:50	172560012A	200.00
0492	07PCBS17250008.0097	9202653 ACF DF10	-112W	9/18/17 11:02	172560012A	100.00
0492	07PCBS17250008.0098	9202654MS ACF DF10	-112W	9/18/17 11:13	172560012A	100.00
0492	07PCBS17250008.0099	9202655MSD ACF DF1	-112W	9/18/17 11:25	172560012A	100.00
0492	07PCBS17250008.0100	9202656 ACF DF50	DUP11	9/18/17 11:36	172560012A	500.00
0492	07PCBS17250008.0101	9202657 ACF DF20	-112E	9/18/17 11:48	172560012A	200.00
0492	07PCBS17250008.0102	9202658 ACF DF5	-113W	9/18/17 11:59	172560012A	50.00
0492	07PCBS17250008.0103	9202659 ACF DF100	-115E	9/18/17 12:11	172560012A	1,000.00
0492	07PCBS17250008.0104	AR1641724B	AR164ZV	9/18/17 12:22	1725999999	1.00
0492	07PCBS17250008.0105	IBLKX1724B	PIBLKAF	9/18/17 12:34	1725999999	10.00

Eurofins Lancaster Laboratories
Pesticide Residue Analysis
Runlog for 07PCBS1725010
Instrument CP 7--19843A

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0492	07PCBS1725010.0001	CONDITIONER		9/19/17 20:11	1726199999	1.00
0492	07PCBS1725010.0002	CONDITIONER		9/19/17 20:22	1726199999	1.00
0492	07PCBS1725010.0003	CONDITIONER		9/19/17 20:34	1726199999	1.00
0492	07PCBS1725010.0004	CONDITIONER		9/19/17 20:45	1726199999	1.00
0492	07PCBS1725010.0005	AR1641724B	AR164BA	9/19/17 20:57	1726199999	1.00
0492	07PCBS1725010.0006	IBLKX1724B	PIBLKBW	9/19/17 21:08	1726199999	10.00
0492	07PCBS1725010.0007	BLANKA 9/13/17 RI A	PBLK20255	9/19/17 21:20	172550020A	10.00
0492	07PCBS1725010.0008	LCSA 9/13/17 ACF	LCS20255	9/19/17 21:31	172550020A	10.00
0492	07PCBS1725010.0009	AR1641724B	AR164BB	9/19/17 21:43	1726199999	1.00
0492	07PCBS1725010.0010	IBLKX1724B	PIBLKBX	9/19/17 21:54	1726199999	10.00
0492	07PCBS1725010.0011	9193844 RI ACF	90510	9/19/17 22:05	172550020A	10.00
0492	07PCBS1725010.0012	9199688 RI ACF	14381	9/19/17 22:17	172550020A	10.00
0492	07PCBS1725010.0013	9199689 RI ACF	42181	9/19/17 22:29	172550020A	10.00
0492	07PCBS1725010.0014	9200061 RI ACF	93474	9/19/17 22:40	172550020A	10.00
0492	07PCBS1725010.0015	9200062 RI ACF	93473	9/19/17 22:51	172550020A	10.00
0492	07PCBS1725010.0016	9201387 RI ACF	POHSS	9/19/17 23:03	172550020A	10.00
0492	07PCBS1725010.0017	9203372 ACF DF10	LVR83	9/19/17 23:14	172550020A	100.00
0492	07PCBS1725010.0018	CONDITIONER		9/19/17 23:25	1726199999	1.00
0492	07PCBS1725010.0019	9203372 ACF DF20	LVR83	9/19/17 23:37	172550020A	200.00
0492	07PCBS1725010.0020	CONDITIONER		9/19/17 23:48	1726199999	1.00
0492	07PCBS1725010.0021	9203372 ACF DF50	LVR83	9/20/17 0:00	172550020A	500.00
0492	07PCBS1725010.0022	CONDITIONER		9/20/17 0:11	1726199999	1.00
0492	07PCBS1725010.0023	9203692 RI ACF	78371	9/20/17 0:23	172550020A	10.00
0492	07PCBS1725010.0024	9203692MS RI ACF	78371MS	9/20/17 0:34	172550020A	10.00
0492	07PCBS1725010.0025	9203692MSD RI ACF	78371MSD	9/20/17 0:46	172550020A	10.00
0492	07PCBS1725010.0026	9203693 RI ACF DF1	78372	9/20/17 0:57	172550020A	100.00
0492	07PCBS1725010.0027	CONDITIONER		9/20/17 1:09	1726199999	1.00
0492	07PCBS1725010.0028	9203694 RI ACF	78373	9/20/17 1:20	172550020A	10.00
0492	07PCBS1725010.0029	AR1641724B	AR164BC	9/20/17 1:31	1726199999	1.00
0492	07PCBS1725010.0030	IBLKX1724B	PIBLKBY	9/20/17 1:43	1726199999	10.00
0492	07PCBS1725010.0031	9202601 ACF DF100	T192W	9/20/17 1:54	172550024A	1,000.00
0492	07PCBS1725010.0032	9202605 ACF DF5	T194W	9/20/17 2:06	172550024A	50.00
0492	07PCBS1725010.0033	9202605 ACF DF10	T194W	9/20/17 2:17	172550024A	100.00
0492	07PCBS1725010.0034	9202606 ACF DF100	T194E	9/20/17 2:29	172550024A	1,000.00
0492	07PCBS1725010.0036	9202607 ACF DF20	T195W	9/20/17 2:51	172550024A	200.00
0492	07PCBS1725010.0037	9202611 ACF DF20	T197W	9/20/17 3:03	172550024A	200.00
0492	07PCBS1725010.0038	9202611 ACF DF50	T197W	9/20/17 3:14	172550024A	500.00
0492	07PCBS1725010.0039	9202666 ACF DF10	-119W	9/20/17 3:25	172560030A	100.00
0492	07PCBS1725010.0040	9202651 RI ACF DF1	-111W	9/20/17 3:37	172560012A	100.00
0492	07PCBS1725010.0041	BLANKA 9/13/17 RI A	PBLK21255	9/20/17 3:48	172550021A	10.00
0492	07PCBS1725010.0042	LCSA 9/13/17 ACF	LCS21255	9/20/17 3:59	172550021A	10.00
0492	07PCBS1725010.0043	9200151 RI ACF DF5	T152W	9/20/17 4:11	172550021A	500.00
0492	07PCBS1725010.0044	9200152MS RI ACF D	T152W	9/20/17 4:23	172550021A	500.00
0492	07PCBS1725010.0045	9200153MSD RI ACF	T152W	9/20/17 4:34	172550021A	500.00
0492	07PCBS1725010.0046	9200154 RI ACF DF2	T152E	9/20/17 4:45	172550021A	200.00
0492	07PCBS1725010.0047	9200155 RI ACF DF5	AMTD9	9/20/17 4:57	172550021A	500.00
0492	07PCBS1725010.0048	9200156 RI ACF DF5	T153W	9/20/17 5:08	172550021A	500.00
0492	07PCBS1725010.0049	9200157 RI ACF DF5	T153E	9/20/17 5:19	172550021A	500.00
0492	07PCBS1725010.0050	9200162 RI ACF DF5	T154E	9/20/17 5:31	172550021A	500.00
0492	07PCBS1725010.0051	AR1641724B	AR164BD	9/20/17 5:42	1726199999	1.00
0492	07PCBS1725010.0052	IBLKX1724B	PIBLKBZ	9/20/17 5:54	1726199999	10.00
0492	07PCBS1725010.0053	9200166 RI ACF DF2	T156E	9/20/17 6:05	172550021A	200.00
0492	07PCBS1725010.0054	9200167 RI ACF DF2	T157W	9/20/17 6:17	172550021A	200.00
0492	07PCBS1725010.0055	9200168 RI ACF DF5	T157E	9/20/17 6:28	172550021A	500.00
0492	07PCBS1725010.0056	9200169 RI ACF DF5	T158W	9/20/17 6:40	172550021A	500.00
0492	07PCBS1725010.0057	9200170 RI ACF DF5	T158E	9/20/17 6:51	172550021A	500.00

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
0492	07PCBS1725010.0058	9200171 RI ACF DF5	T159W	9/20/17 7:02	172550021A	500.00
0492	07PCBS1725010.0059	BLANKA 9/12/17 RI A	PBLK32254	9/20/17 7:14	172540032A	10.00
0492	07PCBS1725010.0060	LCSA 9/12/17 ACF	LCS32254	9/20/17 7:25	172540032A	10.00
0492	07PCBS1725010.0061	9200112 RI ACF DF1	T140E	9/20/17 7:37	172540032A	100.00
0492	07PCBS1725010.0062	9200113 RI ACF DF2	T141W	9/20/17 7:48	172540032A	200.00
0492	07PCBS1725010.0063	9200114 RI ACF DF5	T141E	9/20/17 8:00	172540032A	500.00
0492	07PCBS1725010.0064	9200115 RI ACF DF1	T142W	9/20/17 8:11	172540032A	100.00
0492	07PCBS1725010.0065	9200116 RI ACF DF2	T142E	9/20/17 8:22	172540032A	200.00
0492	07PCBS1725010.0066	9200117 RI ACF DF2	T143W	9/20/17 8:34	172540032A	200.00
0492	07PCBS1725010.0067	9200118 RI ACF DF2	T143E	9/20/17 8:45	172540032A	200.00
0492	07PCBS1725010.0068	9200119 RI ACF DF1	T144W	9/20/17 8:57	172540032A	100.00
0492	07PCBS1725010.0069	9200120 RI ACF DF1	T144E	9/20/17 9:08	172540032A	100.00
0492	07PCBS1725010.0070	9200121 RI ACF DF5	T145W	9/20/17 9:20	172540032A	500.00
0492	07PCBS1725010.0071	9200122MS RI ACF D	T145W	9/20/17 9:31	172540032A	500.00
0492	07PCBS1725010.0072	9200123MSD RI ACF	T145W	9/20/17 9:43	172540032A	500.00
0492	07PCBS1725010.0073	AR1641724B	AR164BE	9/20/17 9:54	1726199999	1.00
0492	07PCBS1725010.0074	IBLKX1724B	PIBLKCA	9/20/17 10:05	1726199999	10.00
0492	07PCBS1725010.0075	9200124 RI ACF DF5	AMTD7	9/20/17 10:17	172540032A	500.00
0492	07PCBS1725010.0076	9200125 RI ACF DF1	T145E	9/20/17 10:28	172540032A	100.00
0492	07PCBS1725010.0077	9200126 RI ACF DF2	T146W	9/20/17 10:40	172540032A	200.00
0492	07PCBS1725010.0078	9200127 RI ACF DF1	T146E	9/20/17 10:51	172540032A	100.00
0492	07PCBS1725010.0079	9200128 RI ACF DF1	T147W	9/20/17 11:03	172540032A	100.00
0492	07PCBS1725010.0080	9200129 RI ACF DF1	T147E	9/20/17 11:14	172540032A	100.00
0492	07PCBS1725010.0081	9200130 RI ACF DF2	T148W	9/20/17 11:26	172540032A	200.00
0492	07PCBS1725010.0082	9200131 RI ACF DF1	T148E	9/20/17 11:37	172540032A	100.00
0492	07PCBS1725010.0083	AR1641724B	AR164BF	9/20/17 11:49	1726199999	1.00
0492	07PCBS1725010.0084	IBLKX1724B	PIBLKCB	9/20/17 12:00	1726199999	10.00

Sample Data

Polychlorinated Biphenyls (PCBs)

Lancaster Laboratories Environmental

LOQ/MDL Summary
Pesticide Residue Analysis

SDG: ATG66

Fraction: Polychlorinated Biphenyls (PCBs)

10225: PCBs in Solids by 8082/3550 Analyte Name	Default MDL	Default LOQ	Units
PCB-1016	0.0099	0.051	mg/kg
PCB-1221	0.015	0.051	mg/kg
PCB-1232	0.012	0.051	mg/kg
PCB-1242	0.012	0.051	mg/kg
PCB-1248	0.0099	0.051	mg/kg
PCB-1254	0.013	0.051	mg/kg
PCB-1260	0.012	0.051	mg/kg

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202639 ACF DF50 -105W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 13:31:21
Instrument	18274A
Result file	25PCBS17257004.105.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 87% (61 - 152) Conc: 26.12354
%SSR(DCB) 115% (48 - 164) Conc: 30.68929

Analysis Report (B)

Injected on	Sep 18, 2017 13:31:21
Instrument	18274B
Result file	25PCBS17257004B.105.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 95% (61 - 152) Conc: 28.42043
%SSR(DCB) 123% (48 - 164) Conc: 32.87777

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	60339	26.12354
Decachlorobiphenyl	6.61	6.64	6.67	66406	30.68929

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.61	2.64	2.67	103227	28.42043
Decachlorobiphenyl	6.10	6.13	6.16	100877	32.87777

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	28.42043				8.42	
☑	Tetrachloro-m-xylene-D1	A	26.12354					
☑	Tetrachloro-m-xylene-D2	B	28.42043					
☐	Decachlorobiphenyl	B	32.87777				6.89	
☑	Decachlorobiphenyl-D1	A	30.68929					
☑	Decachlorobiphenyl-D2	B	32.87777					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**22.33**	
4.97	4.99	5.01	645379	5451.689799			1
5.17	5.19	5.21	1054431	7206.164586			2
5.24	5.26	5.28	292823.8	4137.003439			3
5.40	5.42	5.44	314139.8	4198.198946			4
5.64	5.66	5.68	986213.5	4745.461576			5
5.84	5.86	5.88	622512.3	4859.542633			6

Height summation: **3915499.4**
Concentration CF: **5099.67683** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.66**	
4.47	4.49	4.51	892695.8	5285.821951			1
4.58	4.60	4.62	684026.5	5106.09199			2
4.71	4.73	4.75	1269550	7774.719686			3
4.93	4.95	4.97	454819.8	4058.365223			4
5.12	5.14	5.16	1170129	4439.734703			5
5.38	5.40	5.42	926784.7	5060.585336			6

Height summation: **5398005.8**
Concentration CF: **5287.553148** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2509.8426	<487.2047	D1		4	
☑	PCB-1221			<2509.8426	<752.9528	D1		3	
☑	PCB-1232			<2509.8426	<605.315	D1		4	
☑	PCB-1242			<2509.8426	<605.315	D1		4	
☑	PCB-1248			<2509.8426	<487.2047	D1		4	
☑	PCB-1254			<2509.8426	<649.6063	D1		4	
☑	PCB-1260	B	5287.553148	2509.8426	575.7874	D2	3.62	4	

Units: ug/kg

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

Valerie L. Torrington
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:40

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202639** ACF DF50 -105W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:31:21
Instrument : CP25--18274A
Result file : 25PCBS17257004.105.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 87% (61-152) Conc.: 26.12354
%SSR(DCB) : 115% (48-164) Conc.: 30.68929

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**131.05**	
3.19	3.21	3.23	506.7119	13.439023			1
3.41	3.41	3.45	1039.565	27.419572			2
3.52	3.54	3.56	2441.001	51.19784			3
3.74	3.77	3.78	4539.416	76.015175			4
3.79	3.82	3.83	1447.21	27.662511			5
3.99	4.01	4.03	11518.85	297.363454			6
Height Summation:			**21492.7539**				
Amount Avg CF:			**82.182929**	Linear:			
Aroclor-1221					**2**	**67.92**	
3.14	3.16	3.18	482.9373	26.978593			2
3.19	3.21	3.23	506.7119	9.473078			3
Height Summation:			**989.6492**				
Amount Avg CF:			**18.225836**	Linear:			
Aroclor-1232					**6**	**140.95**	
3.19	3.21	3.23	506.7119	11.329277			1
3.40	3.41	3.44	1039.565	59.970167			2
3.52	3.54	3.56	2441.001	109.66999			3
3.73	3.77	3.77	4539.416	164.192888			4
3.79	3.82	3.83	1447.21	63.015171			5
3.99	4.01	4.03	11518.85	715.969875			6
Height Summation:			**21492.7539**				
Amount Avg CF:			**187.357895**	Linear:			
Aroclor-1242					**6**	**131.55**	
3.19	3.21	3.23	506.7119	9.545552			1
3.41	3.41	3.45	1039.565	20.286694			2
3.52	3.54	3.56	2441.001	37.536892			3
3.74	3.77	3.78	4539.416	54.938036			4
3.80	3.82	3.84	1447.21	20.065946			5
3.99	4.01	4.03	11518.85	218.019934			6
Height Summation:			**21492.7539**				
Amount Avg CF:			**60.065509**	Linear:			
Aroclor-1248					**6**	**139.41**	
3.74	3.77	3.78	4539.416	180.884194			1
3.80	3.82	3.84	1447.21	49.748299			2
3.86	3.88	3.90	25056.54	521.576658			3
3.99	4.01	4.03	11518.85	209.806654			4
4.08	4.10	4.12	15630.22	320.915062			5
4.26	4.26	4.30	109623.1	2201.379366			6
Height Summation:			**167815.336**				
Amount Avg CF:			**580.718372**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:31:21
Instrument : CP25--18274B
Result file : 25PCBS17257004B.105.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 95% (61-152) Conc.: 28.42043
%SSR(DCB) : 123% (48-164) Conc.: 32.87777

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**142.89**	
+ 3.11	3.12	3.15	791.7881	16.038165			2
3.11	3.13	3.15	1130.493	22.898845			2
3.23	3.25	3.27	5840.896	82.196296			3
3.43	3.43	3.47	11060.21	148.705416			4
+ 3.43	3.46	3.47	6392.449	85.946993			4
3.50	3.52	3.54	4283.474	53.820033			5
3.54	3.55	3.58	39704.38	735.022376			6
Height Summation:			**62019.453**				
Amount Avg CF:			**208.528593**	Linear:			
Aroclor-1221					**1**		
2.85	2.86	2.89	2275.935	111.005712			2
Height Summation:			**2275.935**				
Amount Avg CF:			**111.005712**	Linear:			
Aroclor-1232					**5**	**151.26**	
+ 3.11	3.12	3.15	791.7881	34.333495			2
3.11	3.13	3.15	1130.493	49.020408			2
3.23	3.25	3.27	5840.896	181.134403			3
3.43	3.43	3.47	11060.21	325.141047			4
+ 3.43	3.46	3.47	6392.449	187.921166			4
3.50	3.52	3.54	4283.474	121.459984			5
3.53	3.55	3.57	39704.38	1891.697547			6
Height Summation:			**62019.453**				
Amount Avg CF:			**513.690678**	Linear:			
Aroclor-1242					**5**	**146.26**	
+ 3.11	3.12	3.15	791.7881	13.69249			2
3.11	3.13	3.15	1130.493	19.549755			2
3.23	3.25	3.27	5840.896	60.836479			3
3.43	3.43	3.47	11060.21	109.81263			4
+ 3.43	3.46	3.47	6392.449	63.468201			4
3.50	3.52	3.54	4283.474	40.696252			5
3.54	3.55	3.58	39704.38	588.310514			6
Height Summation:			**62019.453**				
Amount Avg CF:			**163.841126**	Linear:			
Aroclor-1248					**6**	**102.81**	
3.43	3.43	3.47	11060.21	370.765396			1
+ 3.43	3.46	3.47	6392.449	214.290586			1
3.50	3.52	3.54	4283.474	94.17478			2
3.54	3.55	3.58	39704.38	521.28439			3
3.66	3.68	3.70	21442.58	227.039877			4
3.75	3.77	3.79	23766.38	367.846824			5
3.89	3.90	3.93	189271.8	1605.98848			6
Height Summation:			**289528.824**				
Amount Avg CF:			**531.183291**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202639** ACF DF50 -105W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:31:21
Instrument : CP25--18274A
Result file : 25PCBS17257004.105.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	73.26	
4.24	4.26	4.28	109623.1	2033.178455			1
4.39	4.41	4.43	187987.8	2042.906954			2
4.65	4.66	4.68	478554.5	3734.345512			3
4.86	4.88	4.90	282648.4	3024.510852			4
5.06	5.08	5.10	327545.2	4498.961893			5
5.17	5.19	5.21	1054431	10391.712697			6
Height Summation:			**2440790**				
Amount Avg CF:			**4287.602727**	Linear:			
Aroclor-1260					6	22.33	
4.97	4.99	5.01	645379	5451.689799			1
5.17	5.19	5.21	1054431	7206.164586			2
5.24	5.26	5.28	292823.8	4137.003439			3
5.40	5.42	5.44	314139.8	4198.198946			4
5.64	5.66	5.68	986213.5	4745.461576			5
5.84	5.86	5.88	622512.3	4859.542633			6
Height Summation:			**3915499.4**				
Amount Avg CF:			**5099.67683**	Linear:			
Aroclor-1262					6	33.23	
5.25	5.26	5.29	292823.8	2475.132378			1
5.41	5.42	5.45	314139.8	3004.497486			2
5.64	5.66	5.68	986213.5	3750.517837			3
5.85	5.86	5.89	622512.3	3936.629639			4
5.90	5.92	5.94	102529.8	1318.760909			5
6.27	6.29	6.31	256088.3	2692.458491			6
Height Summation:			**2574307.5**				
Amount Avg CF:			**2862.999457**	Linear:			
Aroclor-1268					6	95.55	
5.84	5.86	5.88	622512.3	2171.471004			1
5.90	5.92	5.94	102529.8	408.256008			2
6.03	6.05	6.07	5883.488	24.565514			3
+ 6.10	6.10	6.14	20124.36	320.595988			4
6.10	6.13	6.14	127847.9	2036.711916			4
6.27	6.29	6.31	256088.3	2435.0207			5
6.47	6.49	6.51	51777.21	64.813522			6
Height Summation:			**1166638.998**				
Amount Avg CF:			**1190.139777**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:31:21
Instrument : CP25--18274B
Result file : 25PCBS17257004B.105.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	61.21	
+ 4.25	4.25	4.29	55455.75	308.283147			1
4.25	4.27	4.29	629738.7	3500.770041			1
4.34	4.36	4.38	722690.8	8551.557703			2
4.41	4.43	4.45	325446.7	2616.783879			3
4.48	4.49	4.51	892695.8	12011.591885			4
4.63	4.65	4.67	258237.3	2955.344453			5
4.71	4.73	4.75	1269550	9177.701811			6
Height Summation:			**4098359.3**				
Amount Avg CF:			**6468.958296**	Linear:			
Aroclor-1260					6	24.66	
4.47	4.49	4.51	892695.8	5285.821951			1
4.58	4.60	4.62	684026.5	5106.09199			2
4.71	4.73	4.75	1269550	7774.719686			3
4.93	4.95	4.97	454819.8	4058.365223			4
5.12	5.14	5.16	1170129	4439.734703			5
5.38	5.40	5.42	926784.7	5060.585336			6
Height Summation:			**5398005.8**				
Amount Avg CF:			**5287.553148**	Linear:			
Aroclor-1262					6	32.51	
4.74	4.76	4.78	308573.9	1880.241703			1
4.93	4.95	4.97	454819.8	2777.325454			2
+ 4.93	4.97	4.97	242251.1	1479.289482			2
5.12	5.14	5.16	1170129	3376.254965			3
5.34	5.35	5.38	217900.8	1636.892626			4
5.38	5.40	5.42	926784.7	3989.133461			5
5.76	5.77	5.80	345396.7	2690.078905			6
Height Summation:			**3423604.9**				
Amount Avg CF:			**2724.987852**	Linear:			
Aroclor-1268					5	109.10	
5.33	5.35	5.37	217900.8	561.913918			1
5.38	5.40	5.42	926784.7	2435.5949			2
5.53	5.55	5.57	28296.07	88.730803			3
5.75	5.77	5.79	345396.7	2400.21672			5
5.95	5.97	5.99	73980.43	62.197709			6
Height Summation:			**1592358.7**				
Amount Avg CF:			**1109.73081**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2509.8426	487.2047		** 86.92	4	40	
Aroclor-1221			2509.8426	752.9528		** 143.59	3	5	
Aroclor-1232			2509.8426	605.315		** 93.10	4	10	
Aroclor-1242			2509.8426	605.315		** 92.70	4	30	
Aroclor-1248			2509.8426	487.2047		8.91	4	40	
Aroclor-1254			2509.8426	649.6063		** 40.56	4	40	
Aroclor-1260			2509.8426	575.7874		3.62	4	40	
Aroclor-1262			2509.8426	487.2047		4.94	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202639 ACF DF50 -105W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 13:31:21
Instrument	: CP25--18274A
Result file	: 25PCBS17257004.105.RAW
Calibration file	: 25PCBS1725702.CAL
Method file	: 25PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 13:31:21
Instrument	: CP25--18274B
Result file	: 25PCBS17257004B.105.RAW
Calibration file	: 25PCBS1725702B.CAL
Method file	: 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1268			2509.8426	487.2047		6.99	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:31:21 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.105.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.014		406	167
2.073		3523	5876
2.102		5712	9197
2.166		4040	3457
2.233		6476	4576
2.317		375	150
2.357		1276	899
2.393		1923	3141
2.516		2544	3683
2.567		1077	845
2.664		911	408
2.681		2911	1849
2.739		349	195
2.782		705	1018
2.831		556	742
2.924		1261	1644
2.959	TCX	60339	40054
3.065		816	947
3.155		483	304
3.208		507	414
3.262		6009	3516
3.279		3810	2256
3.412		1040	1428
3.516		734	883
3.543		2441	1801
3.638		1062	2115
3.729		7949	10216
3.765		4539	3738
3.816		1447	1096
3.854		2658	2184
3.885		25057	18106
3.911		26327	17614
3.934		27223	19056
4.009		11519	8315
4.033		11385	7749
4.064		20147	15355
4.098		15630	13814
4.142		2839	2852
4.173		3282	3519
4.223		6462	5226
4.258		109623	109022
4.301		75267	68409
4.371		64386	54792
4.413		187988	204179
4.448		111587	94605
4.489		15711	11361
4.511		12497	8653
4.553		62535	57088
4.602		56594	37531
4.619		38274	46751
4.664		478555	435871
4.714		156617	192477
4.75		30657	19058
4.791		450964	448916

RT A	Compound A	Height A	Area A
4.836		33469	28405
4.876		282648	286445
4.909		4080	2290
4.937		142040	144866
4.989		645379	881642
5.041		82115	72252
5.078		327545	358877
5.122		37586	26273
5.159		79216	105468
5.193		1054431	1085095
5.234		20422	10015
5.26		292824	274699
5.303		201994	208398
5.374		1561	1413
5.398		179912	147638
5.422		314140	261687
5.478		191540	189020
5.516		122640	115565
5.56		9650	8195
5.599		150331	151659
5.631		9049	6121
5.657		986214	981876
5.743		4299	4299
5.774		1596	1077
5.8		2068	2083
5.861		622512	596560
5.891		47501	30619
5.915		102530	116430
5.998		451	557
6.027		12687	9896
6.053		5883	4655
6.104		20124	16174
6.133		127848	121854
6.167		1915	1398
6.197		3842	3354
6.234		1514	1544
6.26		4064	2992
6.288		256088	254531
6.333		17821	18274
6.406		1237	1254
6.449		513	235
6.492		51777	55897
6.549		1128	1232
6.619		1639	3319
6.642	DCB	66406	63343
6.678		3983	3138
6.703		1568	1947
6.768		767	269
6.806		1021	1035
6.889		3963	4759
6.92		5032	7335
6.99		892	715

LANCASTER LABORATORIES

Sample Number: 9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:31:21 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.105.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		10692	18290
2.14		1769	1459
2.193		1505	1262
2.215		1232	866
2.257		3115	4042
2.342		2144	2050
2.392		6779	4847
2.452		2210	10098
2.642	TCX	103227	64020
2.732		2326	3105
2.859		2276	1949
2.948		15412	19496
3.015		1481	2713
3.07		538	104
3.097		1065	285
3.104		601	218
3.117		792	317
3.134		1130	402
3.152		820	400
3.202		1169	1747
3.253		5841	8953
3.299		3218	4915
3.382		1723	1331
3.412		9464	6420
3.432		11060	6387
3.462		6392	3527
3.521		4283	4588
3.555		39704	24639
3.578		46544	24545
3.597		48001	27866
3.682		21443	14511
3.705		18566	10489
3.726		32214	22304
3.772		23766	16739
3.811		7507	6019
3.853		8241	6964
3.883		11539	6537
3.905		189272	126313
3.931		69867	40486
3.95		49884	26594
3.969		88919	55645
4.004		295203	210363
4.036		179069	220513
4.116		34583	33742
4.15		92988	79015
4.206		138836	107411
4.248		55456	57976
4.267		629739	591381
4.304		129280	119483
4.358		722691	595666
4.396		55594	49427
4.428		325447	232178
4.452		222188	166319
4.494		892696	782284

RT B	Compound B	Height B	Area B
4.596		684027	683393
4.648		258237	216758
4.688		259586	232533
4.726		1269551	1103747
4.757		308574	213420
4.795		270847	209262
4.855		9786	13578
4.895		81766	121134
4.946		454820	350055
4.971		242251	177192
5.02		305370	282735
5.056		150759	121286
5.085		109290	87115
5.117		97316	59334
5.139		1170129	1045214
5.181		27237	19091
5.212		39333	32834
5.275		8692	7741
5.308		4954	3435
5.331		8151	4928
5.353		217901	191403
5.398		926785	960020
5.551		28296	24487
5.596		36879	37030
5.642		29991	20543
5.669		145011	121830
5.707		5729	5372
5.747		8048	5554
5.774		345397	294723
5.806		20994	15980
5.859		1746	1447
5.973		73980	68475
6.133	DCB	100877	92444
6.168		6175	5752
6.259		9693	29069
6.338		5920	7366
6.446		2262	3882
6.499		1985	2798
6.578		3041	2007
6.612		3209	2874
6.703		1962	2658

9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082

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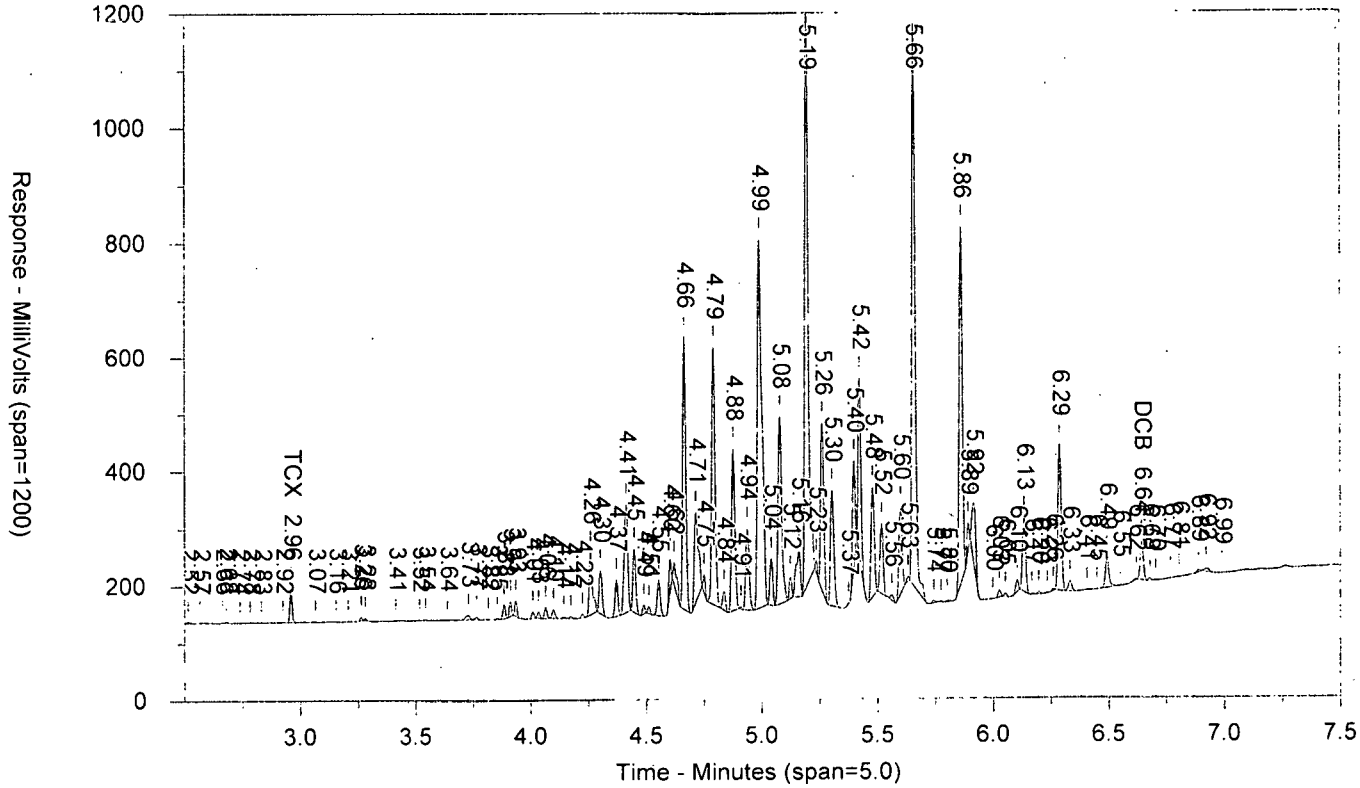

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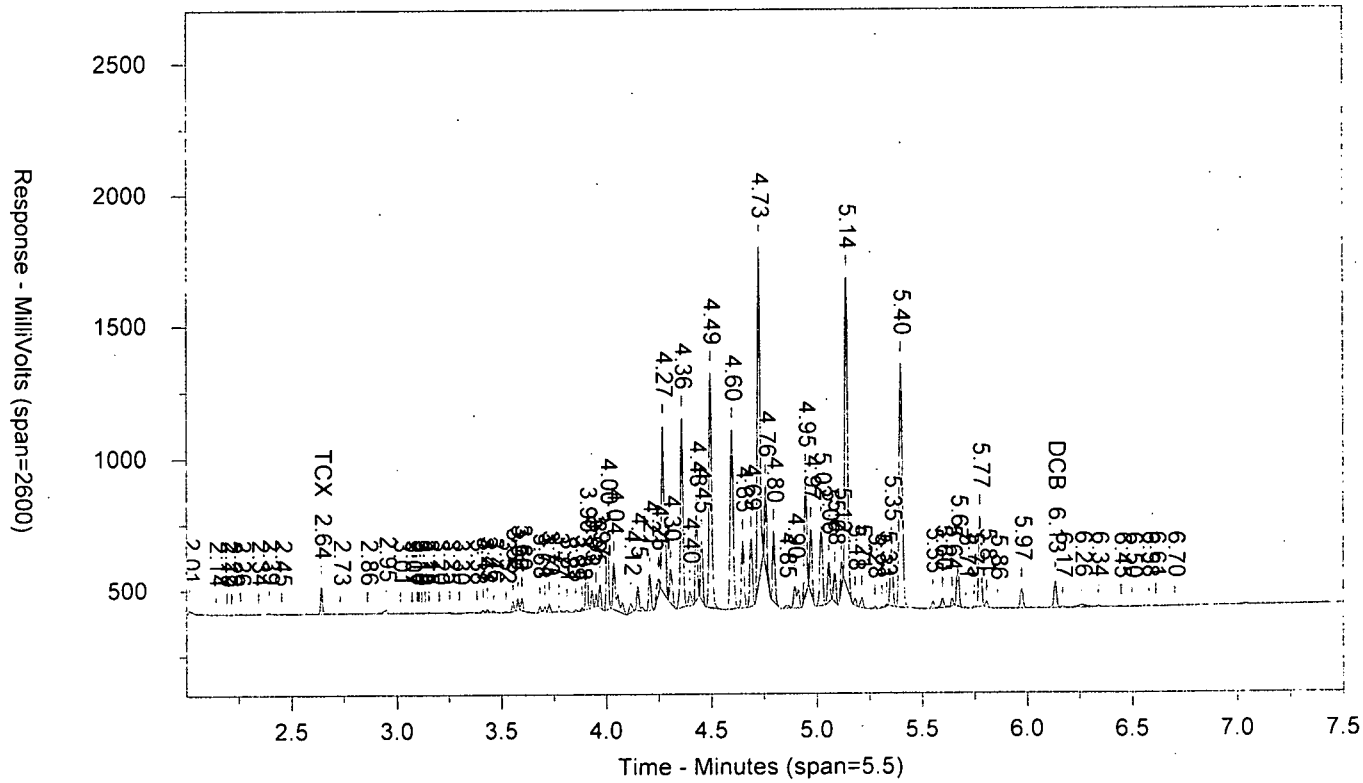

LANCASTER LABORATORIES

Sample Number: 9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:31:21 PM Sample Weight: 10.16
Instrument ID: CP25-18274 Dilution Factor: 500
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	60339	26.124	TCX	2.642	103227	28.42	TCX
6.642	66406	30.689	DCB	6.133	100877	32.878	DCB

Files:
Area File: 25PCBS17257004.105.RAW
Area File: 25PCBS17257004B.105.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 1:39:52 PM
File Reported On: 9/18/2017 at 1:40:05 PM

9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082

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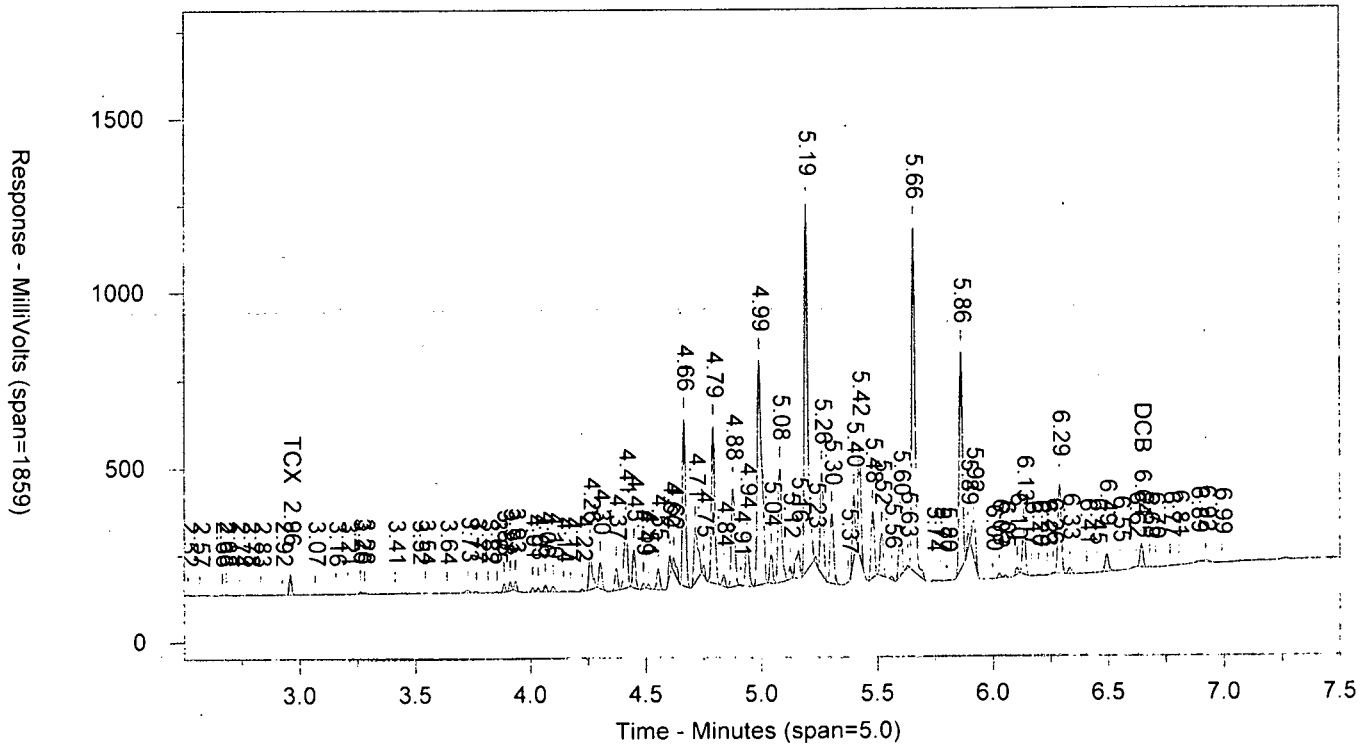

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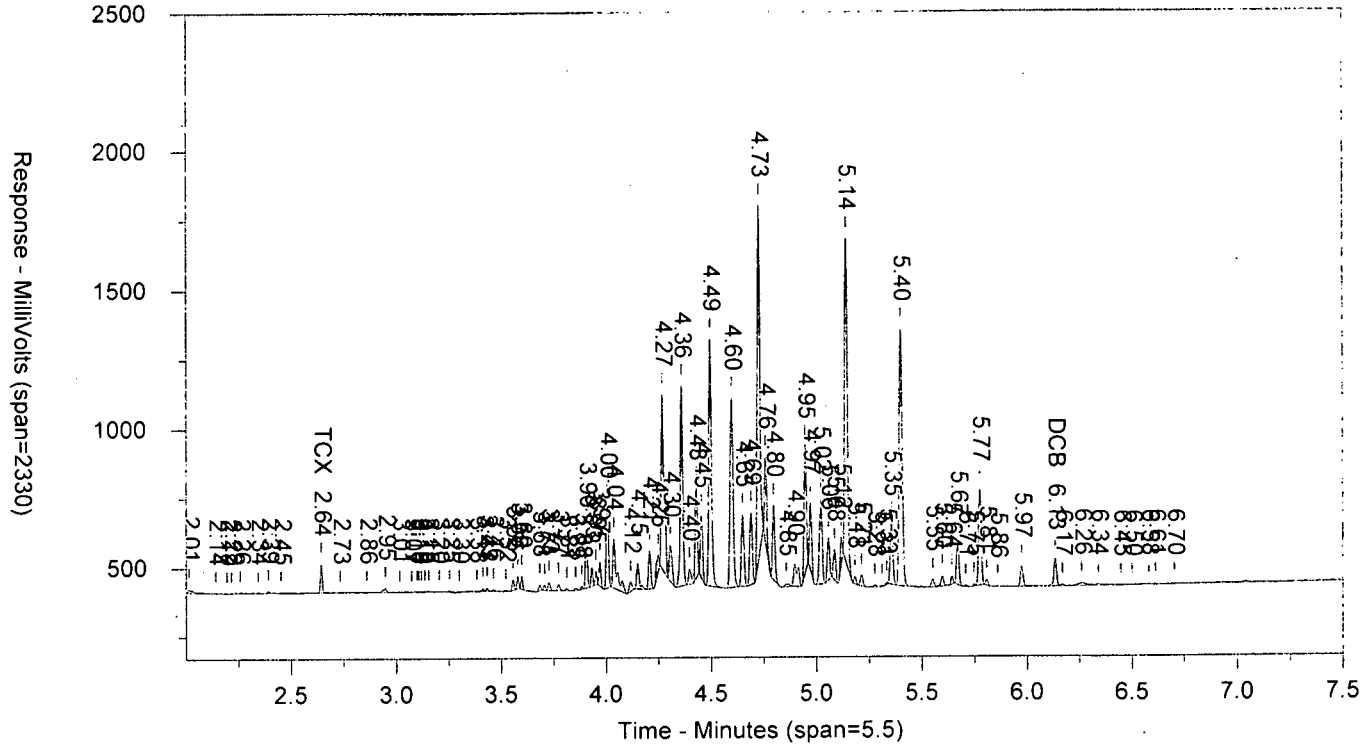

9202639 ACF DF50 AC-105W T 172560011A 10225 SW-846 8082

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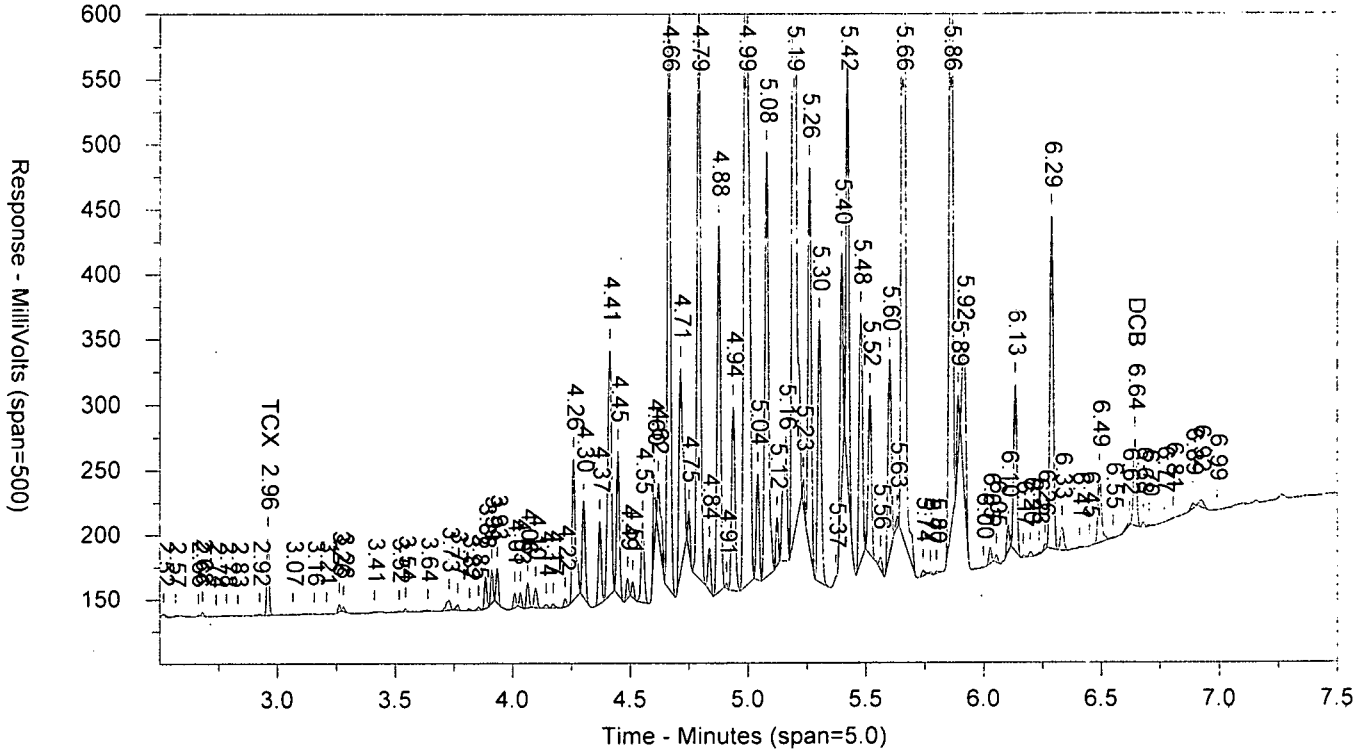

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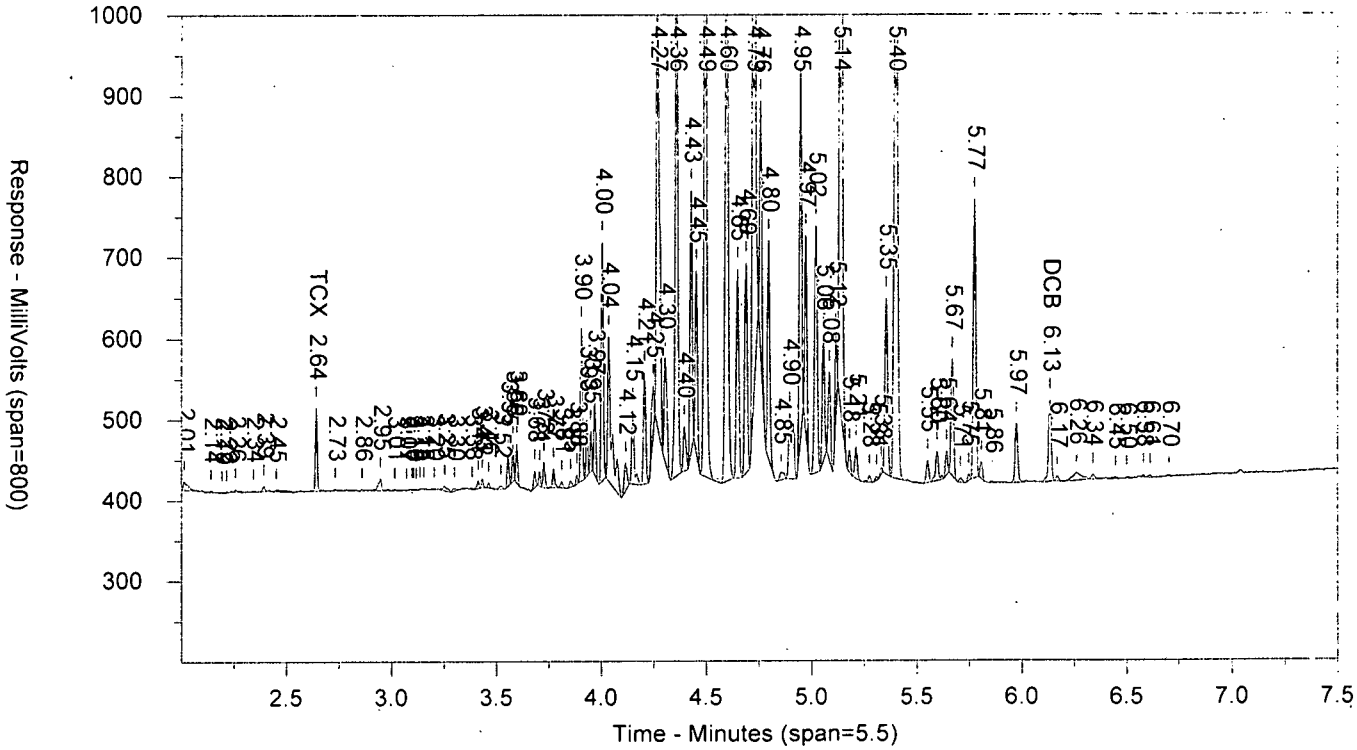

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Data Summary

Sample Name: 9202640 ACF DF50 -105E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.2 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 13:42:34
Instrument	18274A
Result file	25PCBS17257004.106.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 81% (61 - 152) Conc: 24.36201
%SSR(DCB) 112% (48 - 164) Conc: 29.69391

Analysis Report (B)

Injected on	Sep 18, 2017 13:42:34
Instrument	18274B
Result file	25PCBS17257004B.106.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 89% (61 - 152) Conc: 26.66831
%SSR(DCB) 115% (48 - 164) Conc: 30.60703

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	56491	24.36201
Decachlorobiphenyl	6.61	6.64	6.67	64505	29.69391

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.61	2.64	2.67	97244	26.66831
Decachlorobiphenyl	6.10	6.13	6.16	94280	30.60703

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	26.66831				9.04	
☑	Tetrachloro-m-xylene-D1	A	24.36201					
☑	Tetrachloro-m-xylene-D2	B	26.66831					
☐	Decachlorobiphenyl	B	30.60703				3.03	
☑	Decachlorobiphenyl-D1	A	29.69391					
☑	Decachlorobiphenyl-D2	B	30.60703					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**17.01**	
4.24	4.26	4.28	283622.8	5239.720197			1
4.39	4.41	4.43	441685	4781.070064			2
4.65	4.66	4.68	848211.6	6592.966012			3
Height summation:			**1573519.4**				
Concentration		CF:	**5537.918758**	L:			
Aroclor-1260						**5.47**	
5.40	5.42	5.44	266314.3	3545.096614			4
5.64	5.66	5.68	748338.1	3586.731866			5
5.84	5.86	5.88	503197.4	3912.725532			6
Height summation:			**1517849.8**				
Concentration		CF:	**3681.518004**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**30.11**	
4.25	4.27	4.29	1161047	6429.046061			1
4.34	4.36	4.38	840761.2	9909.663375			2
4.41	4.43	4.45	721807.6	5781.00001			3
Height summation:			**2723615.8**				
Concentration		CF:	**7373.236482**	L:			
Aroclor-1260						**10.00**	
4.93	4.95	4.97	360228	3201.715717			4
5.12	5.14	5.16	939840.9	3551.985249			5
5.38	5.40	5.42	719421.7	3912.901961			6
Height summation:			**2019490.6**				
Concentration		CF:	**3555.534309**	L:			

Valerie L. Turnagle
Principal Operations

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:43

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Data Summary

Sample Name: 9202640 ACF DF50 -105E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.2 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 13:42:34
Instrument	18274A
Result file	25PCBS17257004.106.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 13:42:34
Instrument	18274B
Result file	25PCBS17257004B.106.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2500	<485.2941	D1		4	
☑	PCB-1221			<2500	<750	D1		3	
☑	PCB-1232			<2500	<602.9412	D1		4	
☑	PCB-1242			<2500	<602.9412	D1		4	
☑	PCB-1248			<2500	<485.2941	D1		4	
☑	PCB-1254	B	7373.236482	2500	647.0588	D2	28.43	4	
☑	PCB-1260	A	3681.518004	2500	573.5294	D1	3.48	4	

Units: ug/kg

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

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:43

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202640** ACF DF50 -105E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.2 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274A
Result file : 25PCBS17257004.106.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 81% (61-152) Conc.: 24.36201
%SSR(DCB) : 112% (48-164) Conc.: 29.69391

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**125.89**	
+ 3.19	3.19	3.23	369.3746	9.758143			1
3.19	3.21	3.23	2780.814	73.46358			1
+ 3.41	3.41	3.45	791.7236	20.800614			2
+ 3.41	3.43	3.45	714.3134	18.766849			2
3.41	3.44	3.45	3493.266	91.777075			2
+ 3.52	3.52	3.56	1882.007	39.318637			3
3.52	3.54	3.56	7988	166.884221			3
3.74	3.77	3.78	14364.91	239.605488			4
3.79	3.81	3.83	6975.705	132.813337			5
3.99	4.01	4.03	39289.53	1010.296479			6
Height Summation:			**74892.225**				
Amount Avg CF:			**285.806697**	Linear:			
Aroclor-1221					**1**		
+ 3.19	3.19	3.23	369.3746	6.87845			3
3.19	3.21	3.23	2780.814	51.783986			3
Height Summation:			**2780.814**				
Amount Avg CF:			**51.783986**	Linear:			
Aroclor-1232					**6**	**146.28**	
+ 3.19	3.19	3.23	369.3746	8.226246			1
3.19	3.21	3.23	2780.814	61.930785			1
3.40	3.41	3.44	791.7236	45.493646			2
+ 3.40	3.43	3.44	714.3134	41.045537			2
+ 3.52	3.52	3.56	1882.007	84.223758			3
3.52	3.54	3.56	7988	357.479744			3
3.73	3.77	3.77	14364.91	517.548202			4
3.79	3.81	3.83	6975.705	302.548639			5
3.99	4.01	4.03	39289.53	2432.517629			6
Height Summation:			**72190.6826**				
Amount Avg CF:			**619.586441**	Linear:			
Aroclor-1242					**6**	**126.49**	
3.19	3.21	3.23	2780.814	52.180162			1
+ 3.41	3.41	3.45	791.7236	15.38958			2
+ 3.41	3.43	3.45	714.3134	13.884875			2
3.41	3.44	3.45	3493.266	67.902353			2
3.52	3.54	3.56	7988	122.355064			3
3.74	3.77	3.78	14364.91	173.168776			4
3.80	3.81	3.84	6975.705	96.340684			5
3.99	4.01	4.03	39289.53	740.725763			6
Height Summation:			**74892.225**				
Amount Avg CF:			**208.7788**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274B
Result file : 25PCBS17257004B.106.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 89% (61-152) Conc.: 26.66831
%SSR(DCB) : 115% (48-164) Conc.: 30.60703

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**156.58**	
+ 2.91	2.92	2.95	1742.559	28.949673			1
2.91	2.94	2.95	2545.336	42.286456			1
+ 3.11	3.12	3.15	704.4485	14.21309			2
+ 3.11	3.13	3.15	1812.772	36.574839			2
3.11	3.14	3.15	1872.663	37.783212			2
3.23	3.25	3.27	20874.72	292.608521			3
3.43	3.43	3.47	41738.8	558.980822			4
+ 3.43	3.46	3.47	24202.58	324.12954			4
3.50	3.52	3.54	10431.48	130.553132			5
3.54	3.56	3.58	125861.1	2320.850687			6
Height Summation:			**203324.099**				
Amount Avg CF:			**563.843805**	Linear:			
Aroclor-1221					**2**	**90.55**	
2.85	2.86	2.89	2838.99	137.924962			2
+ 2.91	2.92	2.95	1742.559	20.708273			3
2.91	2.94	2.95	2545.336	30.248338			3
Height Summation:			**5384.326**				
Amount Avg CF:			**84.08665**	Linear:			
Aroclor-1232					**6**	**166.86**	
+ 2.91	2.92	2.95	1742.559	24.905363			1
2.91	2.94	2.95	2545.336	36.378978			1
+ 3.11	3.12	3.15	704.4485	30.426488			2
+ 3.11	3.13	3.15	1812.772	78.297117			2
3.11	3.14	3.15	1872.663	80.883924			2
3.23	3.25	3.27	20874.72	644.815792			3
3.43	3.43	3.47	41738.8	1222.198995			4
+ 3.43	3.46	3.47	24202.58	708.70195			4
3.50	3.52	3.54	10431.48	294.629717			5
3.53	3.56	3.57	125861.1	5973.080134			6
Height Summation:			**203324.099**				
Amount Avg CF:			**1375.331257**	Linear:			
Aroclor-1242					**6**	**160.49**	
+ 2.91	2.92	2.95	1742.559	21.244683			1
2.91	2.94	2.95	2545.336	31.031865			1
+ 3.11	3.12	3.15	704.4485	12.134342			2
+ 3.11	3.13	3.15	1812.772	31.225555			2
3.11	3.14	3.15	1872.663	32.257196			2
3.23	3.25	3.27	20874.72	216.570246			3
3.43	3.43	3.47	41738.8	412.783581			4
+ 3.43	3.46	3.47	24202.58	239.35589			4
3.50	3.52	3.54	10431.48	98.718316			5
3.54	3.56	3.58	125861.1	1857.604482			6
Height Summation:			**203324.099**				
Amount Avg CF:			**441.494281**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202640** ACF DF50 -105E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.2 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274A
Result file : 25PCBS17257004.106.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	121.40	
3.74	3.77	3.78	14364.91	570.160438			1
3.80	3.81	3.84	6975.705	238.851692			2
3.86	3.88	3.90	81566.41	1691.227108			3
3.99	4.01	4.03	39289.53	712.821032			4
4.08	4.10	4.12	54823.75	1121.210833			5
4.26	4.26	4.30	283622.8	5673.19209			6
Height Summation:			**480643.105**				
Amount Avg CF:			**1667.910532**	Linear:			
Aroclor-1254					6	35.82	
4.24	4.26	4.28	283622.8	5239.720197			1
4.39	4.41	4.43	441685	4781.070064			2
4.65	4.66	4.68	848211.6	6592.966012			3
4.86	4.88	4.90	567616.3	6050.022787			4
5.06	5.08	5.10	388653.2	5317.369733			5
5.17	5.19	5.21	1129442	11087.316251			6
Height Summation:			**3659230.9**				
Amount Avg CF:			**6511.410841**	Linear:			
Aroclor-1260					6	39.32	
4.97	4.99	5.01	725583.7	6105.164367			1
5.17	5.19	5.21	1129442	7688.532973			2
5.24	5.26	5.28	218397.2	3073.407254			3
5.40	5.42	5.44	266314.3	3545.096614			4
5.64	5.66	5.68	748338.1	3586.731866			5
5.84	5.86	5.88	503197.4	3912.725532			6
Height Summation:			**3591272.7**				
Amount Avg CF:			**4651.943101**	Linear:			
Aroclor-1262					6	36.57	
5.25	5.26	5.29	218397.2	1838.792236			1
5.41	5.42	5.45	266314.3	2537.096026			2
5.64	5.66	5.68	748338.1	2834.729904			3
5.85	5.86	5.89	503197.4	3169.629832			4
5.90	5.92	5.94	73154.3	937.236838			5
6.27	6.29	6.31	183845.8	1925.335987			6
Height Summation:			**1993247.1**				
Amount Avg CF:			**2207.136804**	Linear:			
Aroclor-1268					6	96.74	
5.84	5.86	5.88	503197.4	1748.388826			1
5.90	5.92	5.94	73154.3	290.14552			2
6.03	6.05	6.07	3530.805	14.684469			3
+ 6.10	6.10	6.14	17845.68	283.180043			4
6.10	6.13	6.14	119048.7	1889.096742			4
6.27	6.29	6.31	183845.8	1741.246151			5
6.47	6.49	6.51	38297.11	47.751444			6
Height Summation:			**921074.115**				
Amount Avg CF:			**955.218859**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274B
Result file : 25PCBS17257004B.106.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	86.12	
3.43	3.43	3.47	41738.8	1393.70005			1
+ 3.43	3.46	3.47	24202.58	808.148221			1
3.50	3.52	3.54	10431.48	228.443048			2
3.54	3.56	3.58	125861.1	1645.967897			3
3.66	3.68	3.70	66803.14	704.555999			4
3.75	3.77	3.79	81085.34	1250.085888			5
3.89	3.91	3.93	480039.8	4057.208209			6
Height Summation:			**805959.66**				
Amount Avg CF:			**1546.660182**	Linear:			
Aroclor-1254					6	40.22	
4.25	4.27	4.29	1161047	6429.046061			1
4.34	4.36	4.38	840761.2	9909.663375			2
4.41	4.43	4.45	721807.6	5781.00001			3
4.48	4.50	4.51	1018156	13645.986505			4
4.63	4.65	4.67	412112.8	4697.845976			5
4.71	4.73	4.75	1435452	10336.329475			6
Height Summation:			**5589336.6**				
Amount Avg CF:			**8466.645234**	Linear:			
Aroclor-1260					6	40.48	
4.47	4.50	4.51	1018156	6005.05376			1
4.58	4.60	4.62	734425.1	5460.806084			2
4.71	4.73	4.75	1435452	8756.2296			3
4.93	4.95	4.97	360228	3201.715717			4
5.12	5.14	5.16	939840.9	3551.985249			5
5.38	5.40	5.42	719421.7	3912.901961			6
Height Summation:			**5207523.7**				
Amount Avg CF:			**5148.115395**	Linear:			
Aroclor-1262					6	36.56	
4.74	4.76	4.78	205922	1249.829512			1
4.93	4.95	4.97	360228	2191.080908			2
+ 4.93	4.97	4.97	322654.3	1962.539493			2
5.12	5.14	5.16	939840.9	2701.154154			3
5.34	5.35	5.38	164062.2	1227.618529			4
5.38	5.40	5.42	719421.7	3084.443223			5
5.76	5.77	5.80	248228	1925.711124			6
Height Summation:			**2637702.8**				
Amount Avg CF:			**2063.306242**	Linear:			
Aroclor-1268					5	106.92	
5.33	5.35	5.37	164062.2	421.417951			1
5.38	5.40	5.42	719421.7	1883.229593			2
5.53	5.55	5.57	35373.55	110.489365			3
5.75	5.77	5.79	248228	1718.211324			5
5.95	5.97	5.99	55798.4	46.727529			6
Height Summation:			**1222883.85**				
Amount Avg CF:			**836.015153**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2500	485.2941		** 65.45	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202640 ACF DF50 -105E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.2 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274A
Result file : 25PCBS17257004.106.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 13:42:34
Instrument : CP25--18274B
Result file : 25PCBS17257004B.106.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1221			2500	750		** 47.55	3	5	
Aroclor-1232			2500	602.9412		** 75.77	4	10	
Aroclor-1242			2500	602.9412		** 71.57	4	30	
Aroclor-1248			2500	485.2941		7.54	4	40	
Aroclor-1254			2500	647.0588		26.11	4	40	
Aroclor-1260			2500	573.5294		10.13	4	40	
Aroclor-1262			2500	485.2941		6.74	4	40	
Aroclor-1268			2500	485.2941		13.31	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:42:34 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.106.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.04		644	1028
2.075		2699	4074
2.103		5473	9416
2.166		3050	2767
2.233		4579	3011
2.308		821	773
2.358		1346	1397
2.394		925	739
2.46		323	151
2.486		373	310
2.511		2645	3657
2.568		1185	1454
2.667		551	471
2.681		2321	1796
2.79		1777	2616
2.819		370	205
2.879		1170	1065
2.924		1150	1244
2.959	TCX	56491	38224
3.05		1788	1806
3.134		2243	2654
3.19		369	300
3.213		2781	2577
3.262		5544	3216
3.28		2763	3193
3.371		1979	2040
3.413		792	612
3.425		714	264
3.444		3493	2660
3.48		633	351
3.497		304	117
3.521		1882	1495
3.543		7988	5252
3.594		2725	2794
3.667		3155	3110
3.73		29144	37525
3.765		14365	10801
3.814		6976	6384
3.856		9270	6656
3.885		81566	59297
3.911		93253	63750
3.935		98519	69594
4.008		39290	27397
4.033		42642	30359
4.064		70044	54188
4.098		54824	47714
4.143		10599	10821
4.172		9076	9311
4.223		18750	14145
4.259		283623	295643
4.302		237310	212532
4.371		124687	106270
4.414		441685	485969
4.448		273084	236940

RT A	Compound A	Height A	Area A
4.488		36032	26169
4.511		36745	25820
4.552		152591	146592
4.603		142997	110592
4.619		14374	5175
4.633		33493	22396
4.665		848212	753323
4.714		159825	182130
4.749		55435	36230
4.79		507414	512136
4.835		77135	69380
4.877		567616	563985
4.91		7033	3999
4.937		154436	156044
4.988		725584	1008880
5.041		66082	56088
5.078		388653	442856
5.122		56098	41899
5.16		91953	122035
5.193		1129442	1177697
5.234		27499	15486
5.26		218397	203594
5.302		170630	174639
5.373		3268	2009
5.397		222419	182339
5.421		266314	210115
5.478		162917	153673
5.516		121465	115458
5.559		9719	10774
5.597		180082	181132
5.63		23288	18734
5.656		748338	708837
5.692		8220	5361
5.742		1821	1316
5.776		1051	584
5.817		1822	2315
5.861		503197	490410
5.89		46782	29544
5.916		73154	78778
5.959		703	695
5.991		518	270
6.025		18463	16150
6.054		3531	2687
6.083		1291	1003
6.102		17846	12951
6.131		119049	114210
6.196		7823	8979
6.235		986	920
6.259		7756	5807
6.286		183846	183930
6.332		13237	13567
6.386		246	486
6.405		833	663
6.431		560	495
6.464		596	416
6.49		38297	40809
6.551		891	1079
6.614		1454	3166
6.64	DCB	64505	63057
6.676		6671	5426
6.701		1241	1017
6.759		697	517
6.81		819	1396
6.843		453	216
6.887		4890	5531
6.922		5258	7227

RT A	Compound A	Height A	Area A
6.977		807	426

LANCASTER LABORATORIES

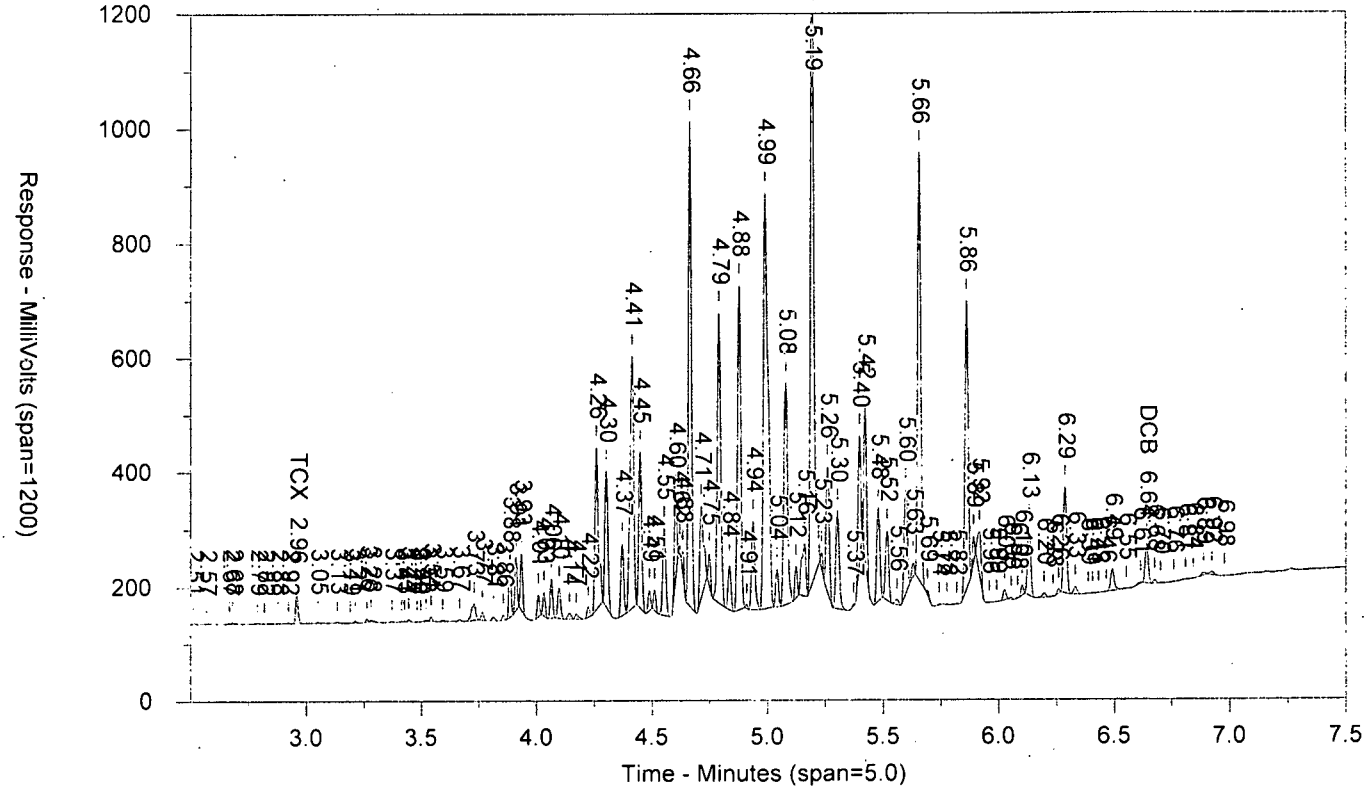
Sample Number: 9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:42:34 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 25PCBS17257004B.106.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		12490	19690
2.075		4464	4430
2.096		4523	3777
2.132		5136	9811
2.194		2603	2628
2.217		2647	1395
2.239		2656	2070
2.257		5322	10228
2.316		2674	2465
2.346		2015	2357
2.372		2658	1132
2.391		6245	4236
2.47		4179	6077
2.516		3302	3243
2.564		5669	6762
2.619		1444	720
2.642	TCX	97244	56683
2.668		2260	2565
2.703		3071	1396
2.746		4095	6084
2.79		2643	4359
2.835		3678	2654
2.861		2839	2761
2.923		1743	1018
2.939		2545	1213
2.948		6558	2830
3.01		2496	5348
3.073		403	60
3.088		884	342
3.117		704	228
3.132		1813	524
3.144		1873	992
3.171		2160	1510
3.185		784	193
3.252		20875	23062
3.299		7522	10566
3.337		3506	7894
3.413		34116	21329
3.432		41739	24119
3.462		24203	14719
3.483		2165	1102
3.521		10431	7946
3.556		125861	77711
3.578		147773	81680
3.597		161336	94668
3.683		66803	43527
3.706		64870	35765
3.727		107759	74488
3.773		81085	58666
3.812		19838	16057
3.853		23999	19324
3.884		44246	25901
3.906		480040	333462
3.931		243993	143789

RT B	Compound B	Height B	Area B
3.97		168259	188299
4.005		679462	477458
4.037		446735	555734
4.116		86317	77223
4.15		231334	184531
4.207		307336	231667
4.241		104176	94523
4.267		1161047	954668
4.306		149261	138098
4.359		840761	711523
4.396		121532	99930
4.428		721808	516069
4.452		250327	174581
4.495		1018156	885677
4.56		2852	1907
4.597		734425	717921
4.648		412113	333069
4.688		273269	246921
4.725		1435452	1255686
4.758		205922	146613
4.796		212595	162555
4.857		13388	18567
4.912		89460	125277
4.947		360228	271186
4.971		322654	245685
5.021		264017	239808
5.057		135548	107422
5.085		91161	71843
5.117		188929	121917
5.139		939841	756461
5.181		23704	15964
5.212		33480	28038
5.31		2265	1444
5.329		7436	3963
5.353		164062	142457
5.397		719422	763377
5.55		35374	30291
5.597		32292	29808
5.642		56330	42728
5.669		110992	90146
5.707		7195	7566
5.748		15104	10548
5.775		248228	209910
5.806		16351	11763
5.853		3407	3127
5.972		55798	55855
6.132	DCB	94280	85718
6.167		10935	9961
6.261		9410	27162
6.336		11271	13156
6.438		2124	2327
6.499		3132	3326
6.577		7114	14154
6.754		935	8548
6.864		1458	4727

9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25PCBS17257004.106.RAW



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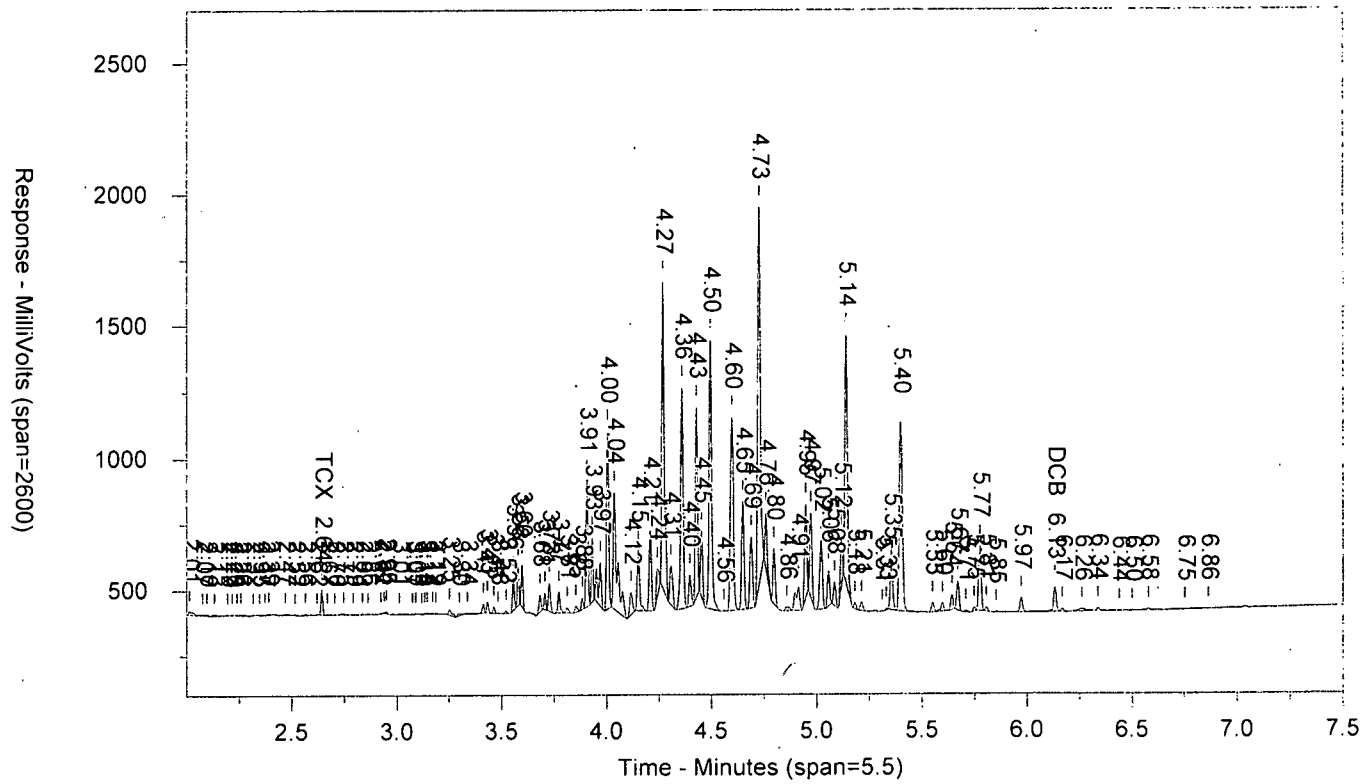

LANCASTER LABORATORIES

Sample Number: 9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:42:34 PM Sample Weight: 10.2
Instrument ID: CP25-18274 Dilution Factor: 500
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	56491	24.362	TCX	2.642	97244	26.668	TCX
6.64	64505	29.694	DCB	6.132	94280	30.607	DCB

Files:
Area File: 25PCBS17257004.106.RAW
Area File: 25PCBS17257004B.106.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 1:51:05 PM
File Reported On: 9/18/2017 at 1:51:21 PM

9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082

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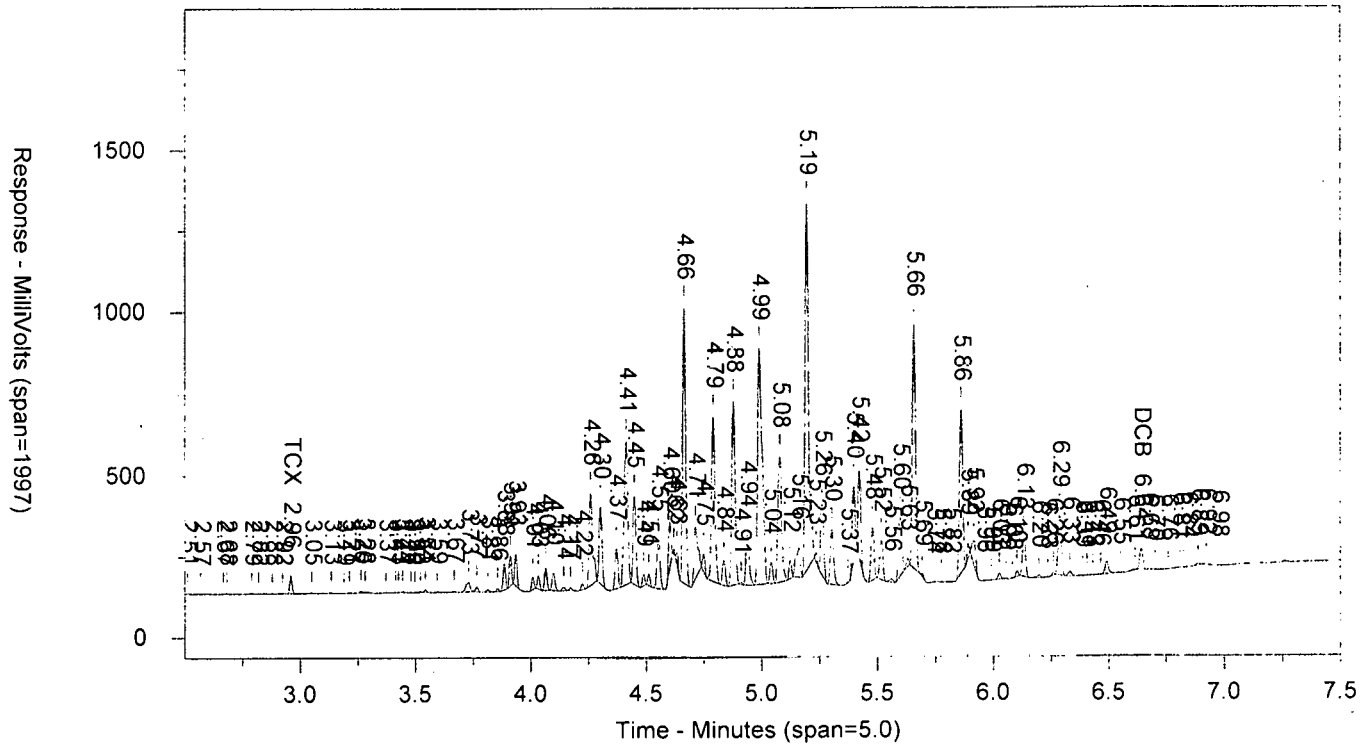

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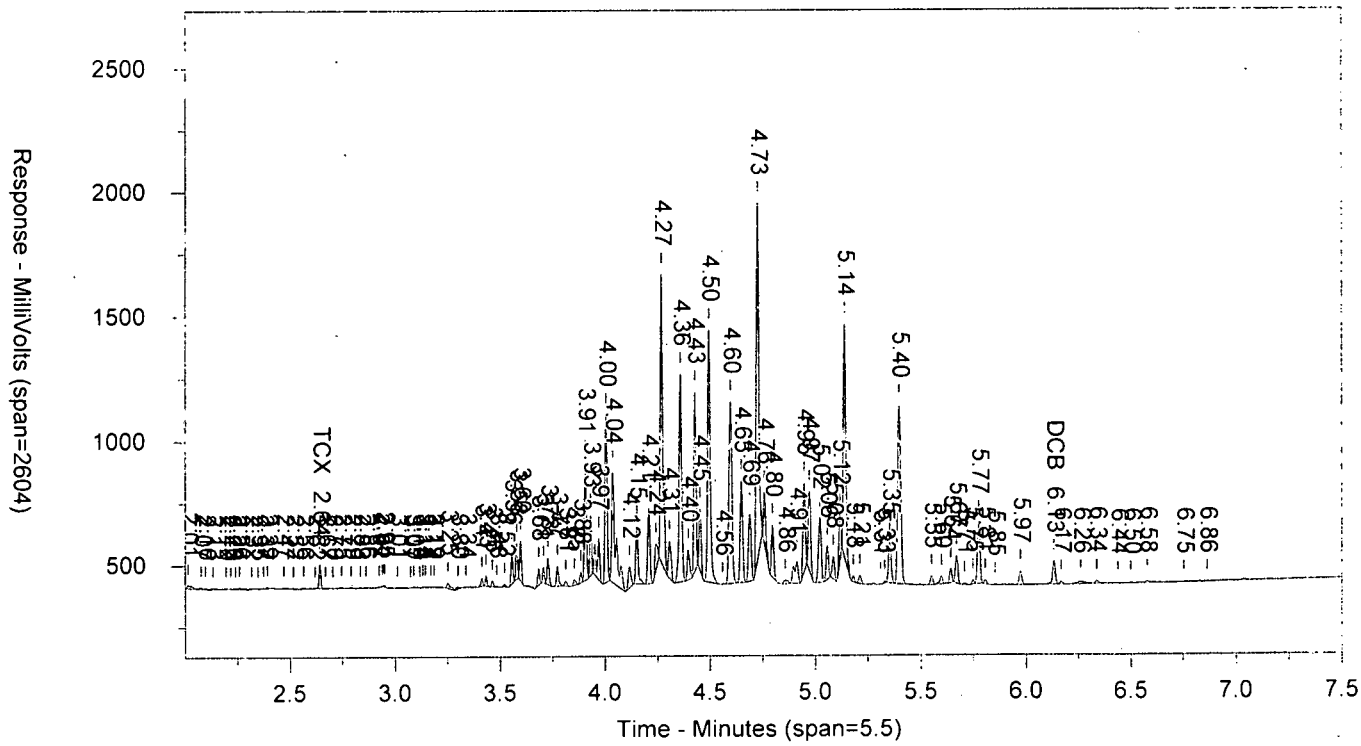

9202640 ACF DF50 AC-105E T 172560011A 10225 SW-846 8082

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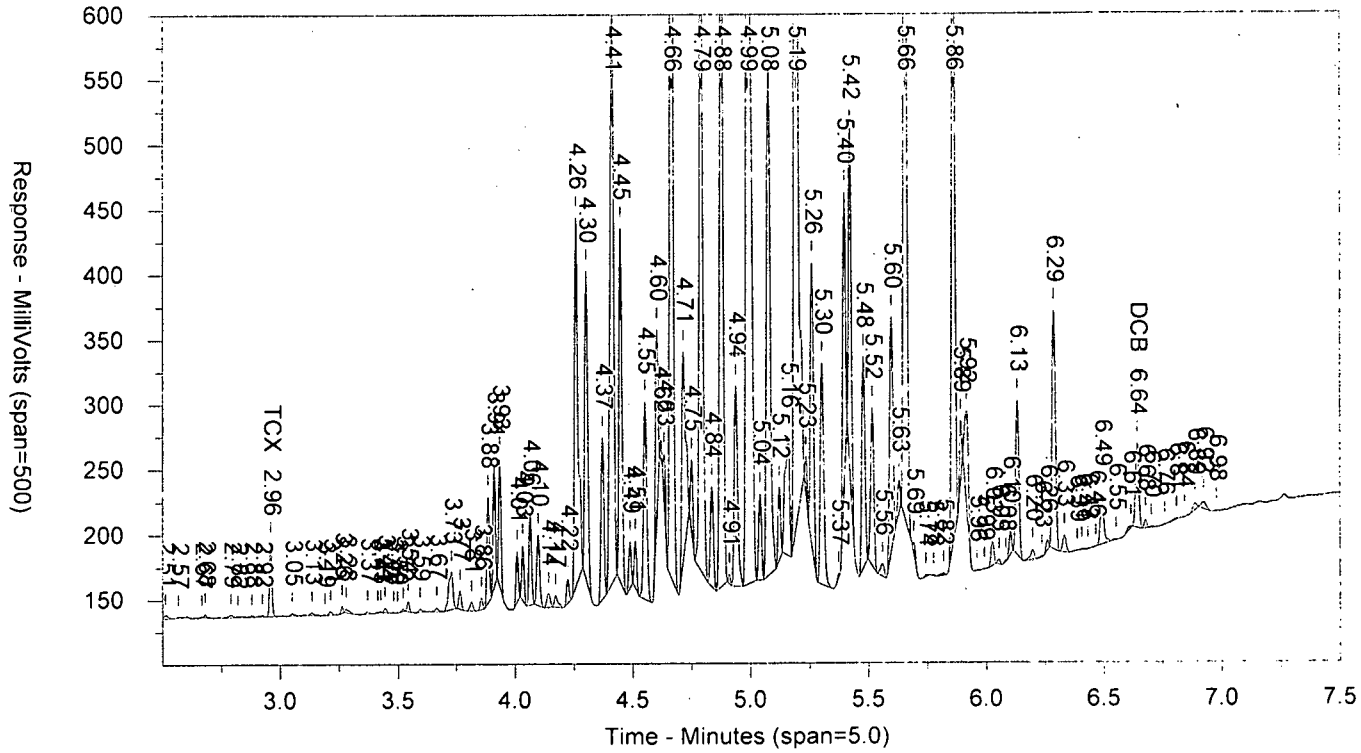

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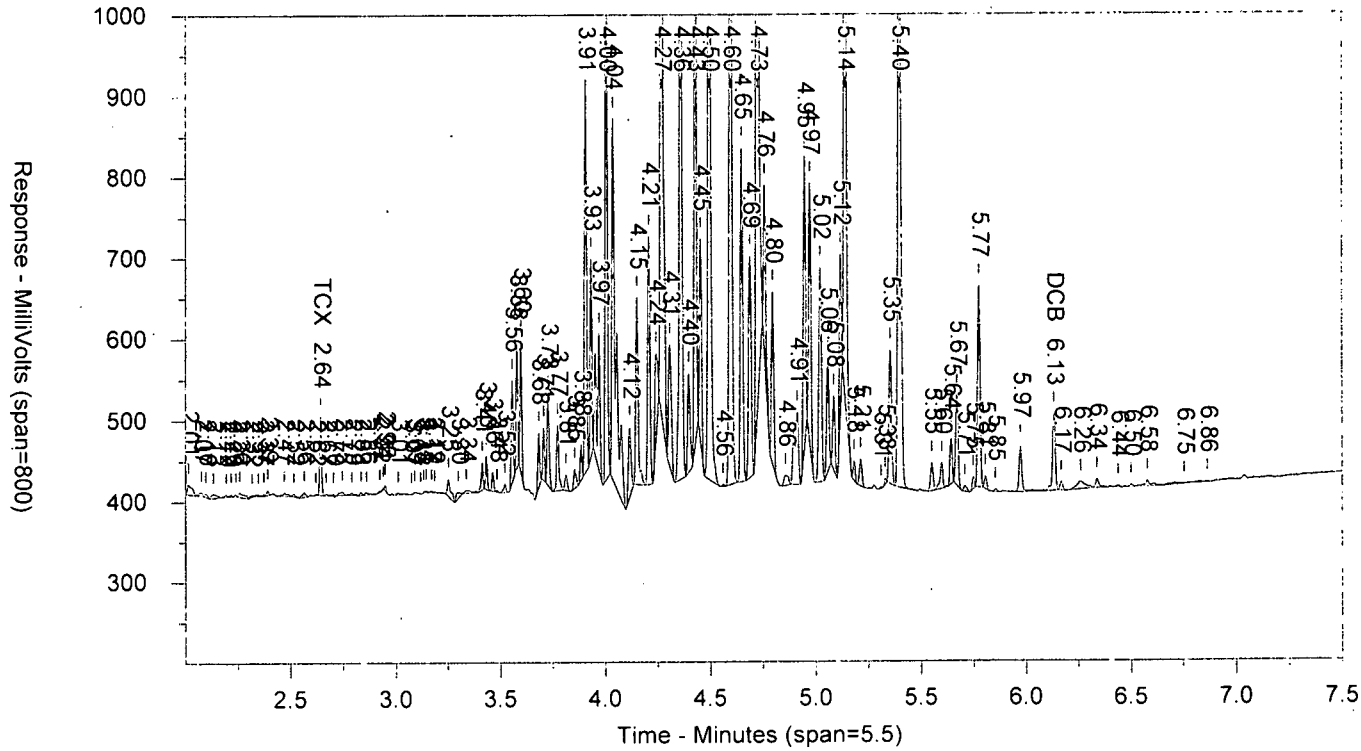

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Data Summary

Sample Name: 9202641 ACF DF50 -106W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.4 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 13:53:51
Instrument	18274A
Result file	25PCBS17257004.107.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 72% (61 - 152) Conc: 21.24767
%SSR(DCB) 116% (48 - 164) Conc: 30.20767

Analysis Report (B)

Injected on	Sep 18, 2017 13:53:51
Instrument	18274B
Result file	25PCBS17257004B.107.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 89% (61 - 152) Conc: 26.24269
%SSR(DCB) 107% (48 - 164) Conc: 27.90948

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	50236	21.24767	Tetrachloro-m-xylene	2.61	2.64	2.67	97569	26.24269
Decachlorobiphenyl	6.61	6.64	6.67	66908	30.20767	Decachlorobiphenyl	6.10	6.13	6.16	87656	27.90948

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	26.24269				21.04	
☑	Tetrachloro-m-xylene-D1	A	21.24767					
☑	Tetrachloro-m-xylene-D2	B	26.24269					
☐	Decachlorobiphenyl	A	30.20767				7.91	
☑	Decachlorobiphenyl-D1	A	30.20767					
☑	Decachlorobiphenyl-D2	B	27.90948					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.14**	
4.97	4.99	5.01	829123.6	6842.202958			1
5.17	5.19	5.21	1286259	8587.659308			2
5.24	5.26	5.28	388770	5365.777042			3
5.40	5.42	5.44	424737.3	5545.246073			4
5.64	5.66	5.68	1310474	6160.221038			5
5.84	5.86	5.88	816438.4	6226.317331			6

Height summation: **5055802.3**
Concentration CF: **6454.570625** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.41**	
4.47	4.50	4.51	1195465	6915.224326			1
4.58	4.60	4.62	851946.2	6212.812491			2
4.71	4.73	4.75	1572687	9408.87276			3
4.93	4.95	4.97	595063.3	5187.227552			4
5.12	5.14	5.16	1701499	6306.891264			5
5.38	5.40	5.42	1163360	6205.780252			6

Height summation: **7080020.5**
Concentration CF: **6706.134774** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2451.9232	<475.9616	D1		4	
☑	PCB-1221			<2451.9232	<735.5769	D1		3	
☑	PCB-1232			<2451.9232	<591.3462	D1		4	
☑	PCB-1242			<2451.9232	<591.3462	D1		4	
☑	PCB-1248			<2451.9232	<475.9616	D1		4	
☑	PCB-1254			<2451.9232	<634.6154	D1		4	
☑	PCB-1260	B	6706.134774	2451.9232	562.5	D2	3.82	4	

Units: ug/kg

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

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:45

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202641** ACF DF50 -106W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.4 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274A
Result file : 25PCBS17257004.107.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 72% (61-152) Conc.: 21.24767
%SSR(DCB) : 116% (48-164) Conc.: 30.20767

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**121.14**	
3.19	3.21	3.23	2278.246	59.029295			1
+ 3.41	3.42	3.45	1631.002	42.026564			2
3.41	3.44	3.45	2216.738	57.119415			2
3.52	3.52	3.56	3283.634	67.281985			3
+ 3.52	3.54	3.56	1964.944	40.261897			3
3.74	3.77	3.78	5521.219	90.322439			4
3.79	3.81	3.83	4563.152	85.208977			5
3.99	4.01	4.03	19454.03	490.623583			6
Height Summation:			**37317.019**				
Amount Avg CF:			**141.597616**	Linear:			
Aroclor-1221					**2**	**35.81**	
3.09	3.10	3.13	490.2681	24.793543			1
3.19	3.21	3.23	2278.246	41.609355			3
Height Summation:			**2768.5141**				
Amount Avg CF:			**33.201449**	Linear:			
Aroclor-1232					**6**	**139.29**	
+ 3.19	3.19	3.23	412.609	9.012394			1
3.19	3.21	3.23	2278.246	49.762489			1
3.40	3.42	3.44	1631.002	91.917557			2
3.52	3.52	3.56	3283.634	144.123552			3
+ 3.52	3.54	3.56	1964.944	86.244298			3
3.73	3.77	3.77	5521.219	195.0966			4
3.79	3.81	3.83	4563.152	194.105958			5
3.99	4.01	4.03	19454.03	1181.287413			6
Height Summation:			**36731.283**				
Amount Avg CF:			**309.382262**	Linear:			
Aroclor-1242					**6**	**127.79**	
3.19	3.21	3.23	2278.246	41.92769			1
+ 3.41	3.42	3.45	1631.002	31.093849			2
3.41	3.44	3.45	2216.738	42.260474			2
3.52	3.54	3.56	1964.944	29.51895			3
3.74	3.77	3.78	5521.219	65.278247			4
3.80	3.81	3.84	4563.152	61.809237			5
3.99	4.01	4.03	19454.03	359.713743			6
Height Summation:			**35998.329**				
Amount Avg CF:			**100.084723**	Linear:			
Aroclor-1248					**6**	**136.85**	
3.74	3.77	3.78	5521.219	214.929474			1
3.80	3.81	3.84	4563.152	153.239944			2
3.86	3.89	3.90	41809.3	850.218033			3
3.99	4.01	4.03	19454.03	346.162553			4
4.08	4.10	4.12	25277.34	507.010262			5
4.26	4.26	4.30	174435.9	3422.071279			6
Height Summation:			**271060.941**				
Amount Avg CF:			**915.605257**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274B
Result file : 25PCBS17257004B.107.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 89% (61-152) Conc.: 26.24269
%SSR(DCB) : 107% (48-164) Conc.: 27.90948

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**111.48**	
2.91	2.94	2.95	20339.81	331.413268			1
+ 3.11	3.12	3.15	1071.553	21.204095			2
3.11	3.14	3.15	1244.085	24.618191			2
+ 3.11	3.14	3.15	866.4536	17.145549			2
3.23	3.25	3.27	27914.15	383.758096			3
3.43	3.43	3.47	15305.86	201.039557			4
+ 3.43	3.46	3.47	10385.46	136.41104			4
3.50	3.52	3.54	5507.81	67.606297			5
3.54	3.56	3.58	60505.29	1094.248241			6
Height Summation:			**130817.005**				
Amount Avg CF:			**350.447275**	Linear:			
Aroclor-1221					**2**	**38.70**	
2.85	2.86	2.89	2837.193	135.186935			2
2.91	2.94	2.95	20339.81	237.066463			3
Height Summation:			**23177.003**				
Amount Avg CF:			**186.126699**	Linear:			
Aroclor-1232					**6**	**136.20**	
2.91	2.94	2.95	20339.81	285.114368			1
+ 3.11	3.12	3.15	1071.553	45.392392			2
3.11	3.14	3.15	1244.085	52.701075			2
+ 3.11	3.14	3.15	866.4536	36.704112			2
3.23	3.25	3.27	27914.15	845.680364			3
3.43	3.43	3.47	15305.86	439.568469			4
+ 3.43	3.46	3.47	10385.46	298.25967			4
3.50	3.52	3.54	5507.81	152.572549			5
3.53	3.56	3.57	60505.29	2816.222718			6
Height Summation:			**130817.005**				
Amount Avg CF:			**765.309924**	Linear:			
Aroclor-1242					**6**	**115.99**	
2.91	2.94	2.95	20339.81	243.207233			1
+ 3.11	3.12	3.15	1071.553	18.102872			2
3.11	3.14	3.15	1244.085	21.017636			2
+ 3.11	3.14	3.15	866.4536	14.637912			2
3.23	3.25	3.27	27914.15	284.033373			3
3.43	3.43	3.47	15305.86	148.459169			4
+ 3.43	3.46	3.47	10385.46	100.733755			4
3.50	3.52	3.54	5507.81	51.120794			5
3.54	3.56	3.58	60505.29	875.834213			6
Height Summation:			**130817.005**				
Amount Avg CF:			**270.61207**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202641** ACF DF50 -106W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.4 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274A
Result file : 25PCBS17257004.107.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	68.24	
4.24	4.26	4.28	174435.9	3160.600895			1
4.39	4.41	4.43	277184.7	2942.717314			2
4.65	4.67	4.68	557966.2	4253.548149			3
4.86	4.88	4.90	344217.9	3598.341977			4
5.06	5.08	5.10	387092.2	5194.166467			5
5.17	5.19	5.21	1286259	12383.909249			6
Height Summation:			**3027155.9**				
Amount Avg CF:			**5255.547342**	Linear:			
Aroclor-1260					6	18.14	
4.97	4.99	5.01	829123.6	6842.202958			1
5.17	5.19	5.21	1286259	8587.659308			2
5.24	5.26	5.28	388770	5365.777042			3
5.40	5.42	5.44	424737.3	5545.246073			4
5.64	5.66	5.68	1310474	6160.221038			5
5.84	5.86	5.88	816438.4	6226.317331			6
Height Summation:			**5055802.3**				
Amount Avg CF:			**6454.570625**	Linear:			
Aroclor-1262					6	33.83	
5.25	5.26	5.29	388770	3210.2967			1
5.41	5.42	5.45	424737.3	3968.529862			2
5.64	5.66	5.68	1310474	4868.655771			3
5.85	5.86	5.89	816438.4	5043.829677			4
5.90	5.92	5.94	132886.1	1669.767021			5
6.27	6.29	6.31	323149.5	3319.121392			6
Height Summation:			**3396455.3**				
Amount Avg CF:			**3680.033404**	Linear:			
Aroclor-1268					6	95.41	
5.84	5.86	5.88	816438.4	2782.209885			1
5.90	5.92	5.94	132886.1	516.918885			2
6.03	6.05	6.07	7546.415	30.78166			3
+ 6.10	6.10	6.14	25283.03	393.482565			4
6.10	6.13	6.14	160236	2493.77042			4
6.27	6.29	6.31	323149.5	3001.765607			5
6.47	6.49	6.51	65339.37	79.902853			6
Height Summation:			**1505595.785**				
Amount Avg CF:			**1484.224885**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274B
Result file : 25PCBS17257004B.107.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	103.63	
3.43	3.43	3.47	15305.86	501.249469			1
+ 3.43	3.46	3.47	10385.46	340.111978			1
3.50	3.52	3.54	5507.81	118.298108			2
3.54	3.56	3.58	60505.29	776.05056			3
3.66	3.68	3.70	43527.94	450.249861			4
3.75	3.77	3.79	38943.48	588.842436			5
3.89	3.91	3.93	303093.5	2512.427305			6
Height Summation:			**466883.88**				
Amount Avg CF:			**824.519623**	Linear:			
Aroclor-1254					6	64.24	
+ 4.25	4.25	4.29	78503.73	426.337821			1
4.25	4.27	4.29	773237	4199.293177			1
4.34	4.36	4.38	928316.9	10731.225722			2
4.41	4.43	4.45	416657.2	3272.858604			3
4.48	4.50	4.51	1195465	15714.273612			4
4.63	4.65	4.67	305027.9	3410.272378			5
4.71	4.73	4.75	1572687	11106.744944			6
Height Summation:			**5191391**				
Amount Avg CF:			**8072.44474**	Linear:			
Aroclor-1260					6	21.41	
4.47	4.50	4.51	1195465	6915.224326			1
4.58	4.60	4.62	851946.2	6212.812491			2
4.71	4.73	4.75	1572687	9408.87276			3
4.93	4.95	4.97	595063.3	5187.227552			4
5.12	5.14	5.16	1701499	6306.891264			5
5.38	5.40	5.42	1163360	6205.780252			6
Height Summation:			**7080020.5**				
Amount Avg CF:			**6706.134774**	Linear:			
Aroclor-1262					6	32.28	
4.74	4.76	4.78	428155.7	2548.687508			1
4.93	4.95	4.97	595063.3	3549.857719			2
+ 4.93	4.97	4.97	272270.9	1624.235533			2
5.12	5.14	5.16	1701499	4796.158864			3
5.34	5.35	5.38	287698.3	2111.344163			4
5.38	5.40	5.42	1163360	4891.862109			5
5.76	5.77	5.80	431528.6	3283.347033			6
Height Summation:			**4607304.9**				
Amount Avg CF:			**3530.209566**	Linear:			
Aroclor-1268					6	123.65	
5.33	5.35	5.37	287698.3	724.784052			1
5.38	5.40	5.42	1163360	2986.762545			2
5.53	5.55	5.57	34006.47	104.176608			3
5.60	5.62	5.64	6759.492	79.348607			4
5.75	5.77	5.79	431528.6	2929.558843			5
5.95	5.97	5.99	93062.61	76.435152			6
Height Summation:			**2016415.472**				
Amount Avg CF:			**1150.177635**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202641** ACF DF50 -106W Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.4 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274A
Result file : 25PCBS17257004.107.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 13:53:51
Instrument : CP25--18274B
Result file : 25PCBS17257004B.107.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2451.9232	475.9616		** 84.89	4	40	
Aroclor-1221			2451.9232	735.5769		** 139.45	3	5	
Aroclor-1232			2451.9232	591.3462		** 84.85	4	10	
Aroclor-1242			2451.9232	591.3462		** 92.00	4	30	
Aroclor-1248			2451.9232	475.9616		10.47	4	40	
Aroclor-1254			2451.9232	634.6154		** 42.27	4	40	
Aroclor-1260			2451.9232	562.5		3.82	4	40	
Aroclor-1262			2451.9232	475.9616		4.16	4	40	
Aroclor-1268			2451.9232	475.9616		25.36	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:53:51 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.107.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.073		3629	5016
2.104		5263	9566
2.164		2495	2170
2.233		8238	5954
2.309		1063	700
2.359		1490	1696
2.394		1382	921
2.468		321	219
2.516		3349	4802
2.57		1573	2215
2.665		1420	737
2.681		3905	2823
2.724		348	357
2.743		716	356
2.791		1627	2428
2.834		973	949
2.881		1094	821
2.905		754	532
2.927		794	577
2.959	TCX	50236	34911
3.014		799	979
3.052		1333	894
3.099		490	360
3.133		1750	1457
3.188		413	201
3.215		2278	2373
3.263		3490	1907
3.28		7398	5936
3.372		1988	2135
3.415		1631	1326
3.445		2217	1876
3.522		3284	3406
3.543		1965	2043
3.596		2426	2202
3.638		1059	1016
3.668		2783	2404
3.731		11069	14991
3.766		5521	4022
3.814		4563	4221
3.858		3326	2376
3.885		41809	31163
3.913		37810	26155
3.936		35662	23986
4.009		19454	13685
4.033		16400	11503
4.065		25831	20134
4.099		25277	23365
4.144		4622	4690
4.174		6438	6539
4.224		8931	6425
4.26		174436	180739
4.303		103161	95401
4.372		82809	71496
4.414		277185	296003

RT A	Compound A	Height A	Area A
4.449		149701	129236
4.489		19627	14639
4.511		17889	13142
4.554		90682	86012
4.603		81812	60916
4.62		46042	58347
4.665		557966	517236
4.714		208949	250096
4.75		44016	29322
4.79		600974	584740
4.836		40210	35427
4.877		344218	346409
4.91		5344	3057
4.937		177375	182040
4.989		829124	1113152
5.041		115870	102125
5.079		387092	448725
5.123		41206	27475
5.159		98445	131372
5.193		1286259	1312618
5.235		25306	11981
5.26		388770	366257
5.303		269343	270821
5.373		5249	4304
5.398		213789	169808
5.422		424737	353470
5.478		261164	247770
5.517		162103	155660
5.559		14644	13712
5.599		173485	187570
5.629		9715	6273
5.657		1310474	1291715
5.742		2480	1817
5.759		879	395
5.775		1122	636
5.804		963	1014
5.86		816438	769017
5.89		59573	36967
5.916		132886	146854
5.959		655	625
5.991		1753	1938
6.026		13680	11208
6.052		7546	6102
6.102		25283	19974
6.131		160236	153521
6.164		996	488
6.196		4357	3849
6.238		419	280
6.26		2920	2378
6.287		323150	329337
6.33		23000	22696
6.382		715	548
6.41		963	1151
6.457		567	214
6.489		65339	68630
6.544		4588	4975
6.639	DCB	66908	82255
6.674		3560	2767
6.701		1463	1221
6.763		575	456
6.803		5087	6720
6.838		541	183
6.886		3708	4585
6.921		4453	6202
6.973		926	613

LANCASTER LABORATORIES

Sample Number: 9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:53:51 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.107.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.014		11017	18772
2.076		3899	3565
2.096		2854	2544
2.141		3674	7329
2.192		2702	3505
2.217		1857	1398
2.235		2555	1609
2.258		3770	6409
2.313		2052	1898
2.337		2929	3097
2.391		14456	34698
2.474		11898	43117
2.563		4783	5174
2.621		1707	1187
2.642	TCX	97569	60471
2.669		12513	13489
2.702		4729	2306
2.728		4481	5013
2.747		4027	3366
2.791		4893	9094
2.836		3581	2278
2.865		2837	4390
2.937		20340	28261
2.981		3932	3537
3.012		3003	2566
3.046		2696	3328
3.075		1183	390
3.092		3789	3963
3.12		1072	293
3.136		1244	749
3.142		866	348
3.154		579	249
3.173		2187	1191
3.22		3380	4883
3.254		27914	59134
3.309		12799	32184
3.339		3006	2726
3.381		2247	1503
3.413		12986	8897
3.433		15306	9666
3.463		10385	6409
3.486		2723	1455
3.521		5508	5650
3.557		60505	35979
3.579		68145	36043
3.598		74606	80820
3.683		43528	36315
3.707		26484	14830
3.727		44135	32866
3.774		38943	31516
3.813		10109	7333
3.855		11604	9444
3.884		16949	9025
3.906		303094	204873

RT B	Compound B	Height B	Area B
3.932		96574	56638
3.952		72500	39190
3.97		109525	66809
4.006		422158	308208
4.037		242417	226003
4.076		45316	38390
4.117		61283	61260
4.151		137234	118218
4.207		211248	149163
4.249		78504	81187
4.268		773237	733741
4.306		170027	159037
4.359		928317	774950
4.396		69323	65285
4.429		416657	288861
4.453		315386	219116
4.496		1195465	1008139
4.598		851946	851833
4.649		305028	260659
4.689		331068	289426
4.725		1572687	1311584
4.758		428156	298323
4.796		347447	277732
4.867		10140	13932
4.896		108850	153356
4.947		595063	467742
4.971		272271	196158
5.021		406242	364299
5.057		193005	154334
5.085		135877	109553
5.117		117510	71706
5.139		1701499	1370244
5.181		39386	28304
5.212		51729	41854
5.277		6131	4177
5.308		3205	2308
5.33		14497	8645
5.353		287698	241501
5.397		1163360	1197743
5.551		34006	29412
5.596		41688	35731
5.619		6759	3594
5.642		32739	23034
5.669		184748	157517
5.707		5693	5871
5.747		9090	6130
5.774		431529	374510
5.805		29177	21364
5.902		2076	7312
5.972		93063	81485
6.131	DCB	87656	81594
6.167		7773	7992
6.254		10455	35223
6.337		21124	23590
6.467		1621	928
6.497		1857	1886
6.555		2042	1781
6.576		3576	1826
6.606		3911	3271
6.667		2051	1720
6.697		1819	2287
6.756		1447	2168

9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082

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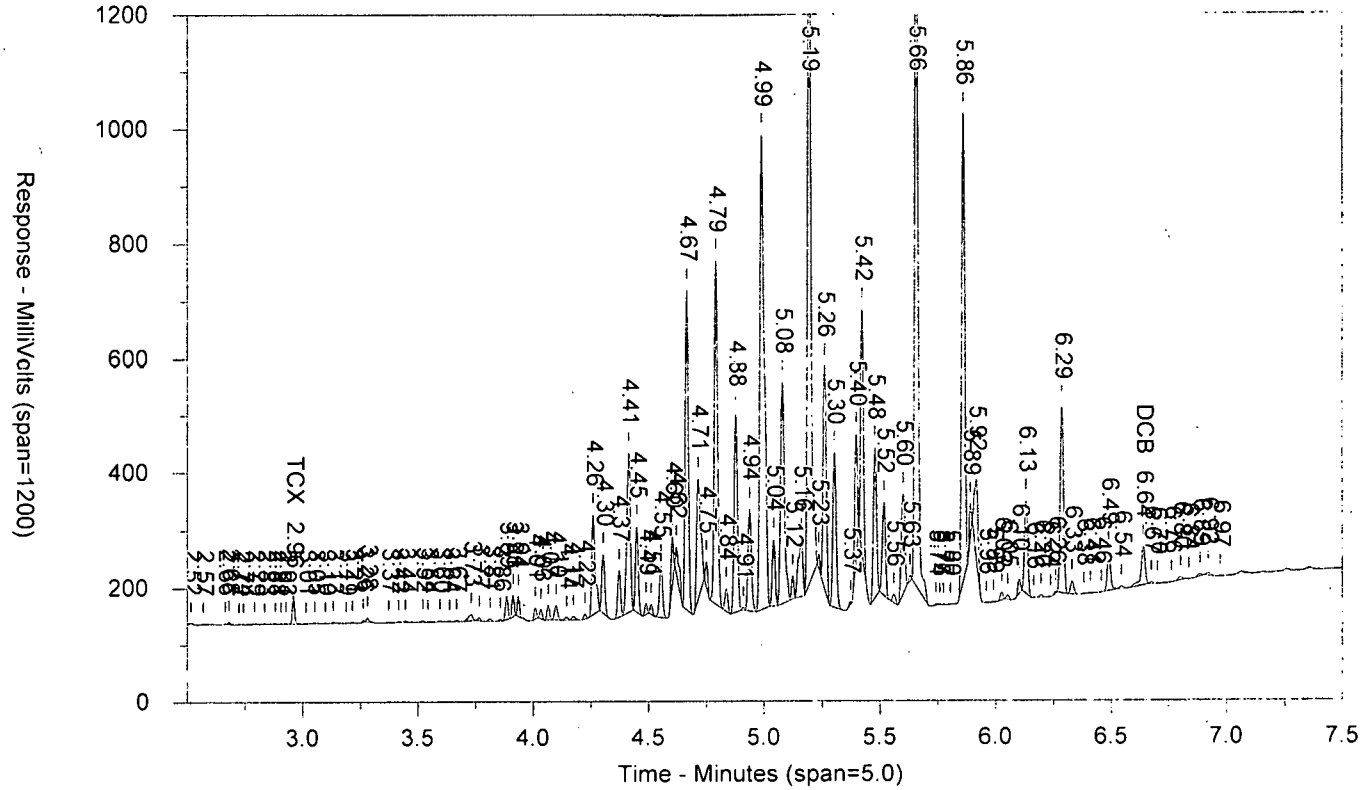

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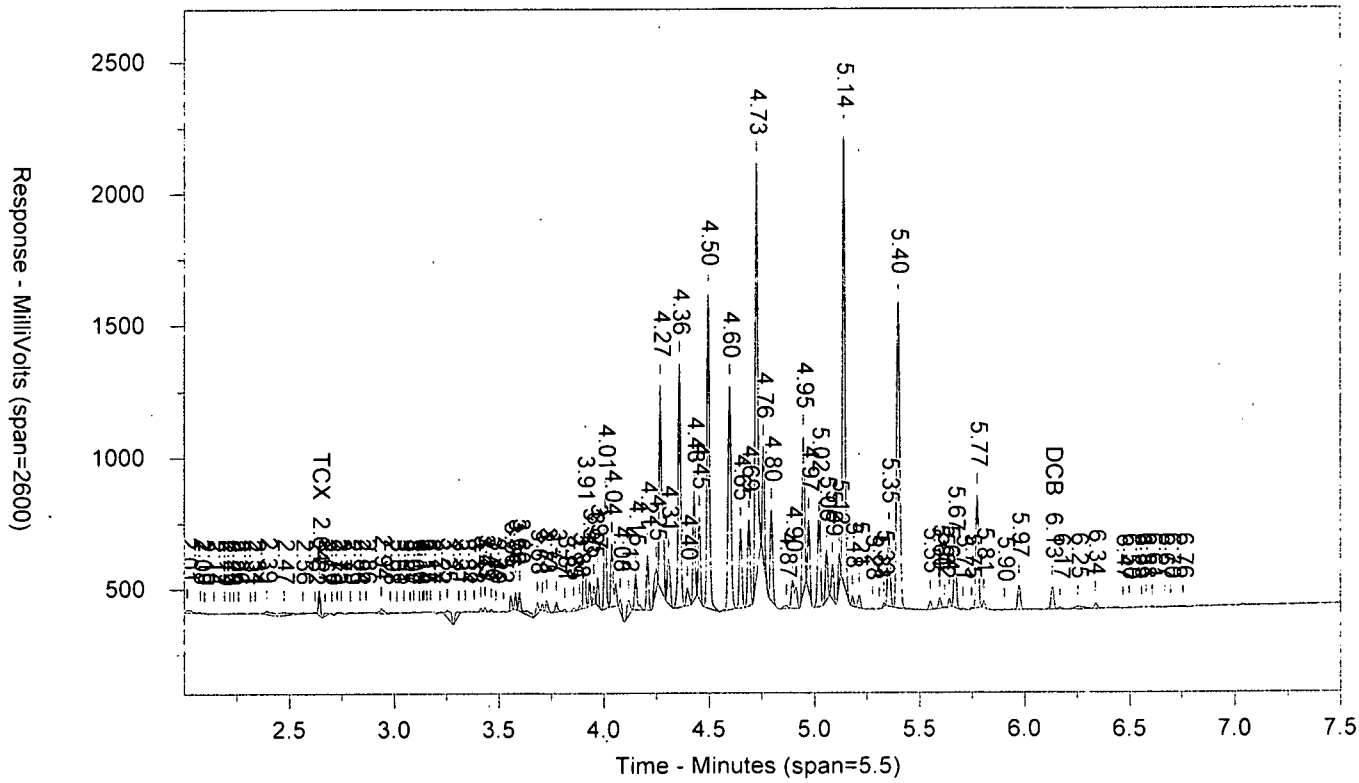

LANCASTER LABORATORIES

Sample Number: 9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 1:53:51 PM Sample Weight: 10.4
Instrument ID: CP25-18274 Dilution Factor: 500
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	50236	21.248	TCX	2.642	97569	26.243	TCX
6.639	66908	30.208	DCB	6.131	87656	27.909	DCB

Files:
Area File: 25PCBS17257004.107.RAW
Area File: 25PCBS17257004B.107.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 2:02:22 PM
File Reported On: 9/18/2017 at 2:02:37 PM

9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082

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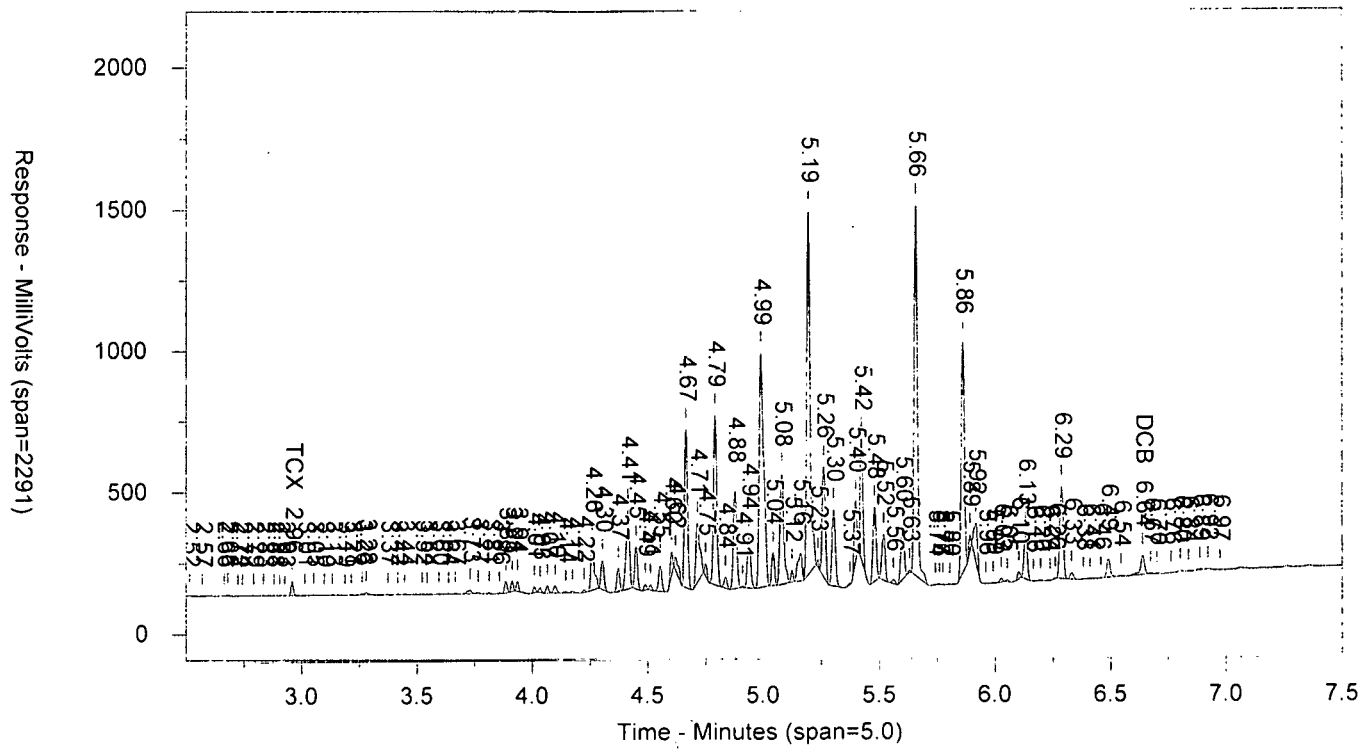

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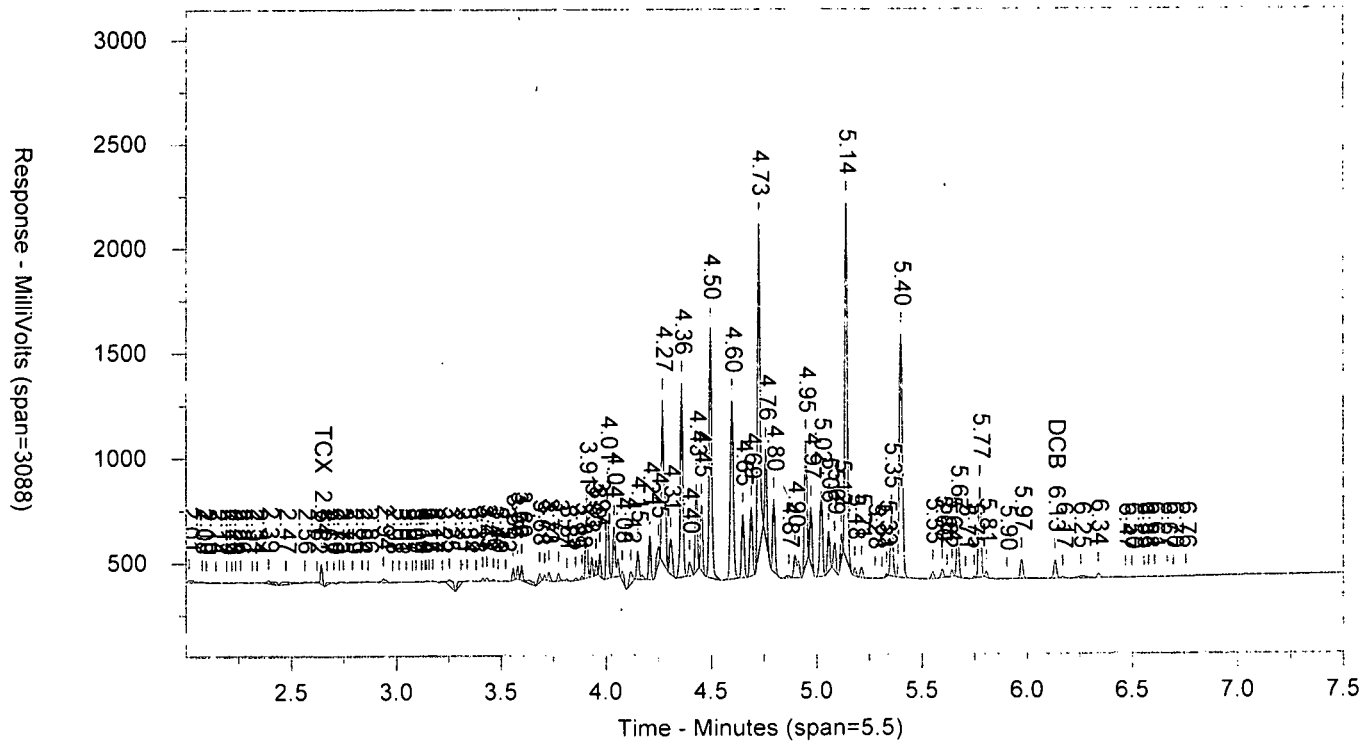

9202641 ACF DF50 AC-106W T 172560011A 10225 SW-846 8082

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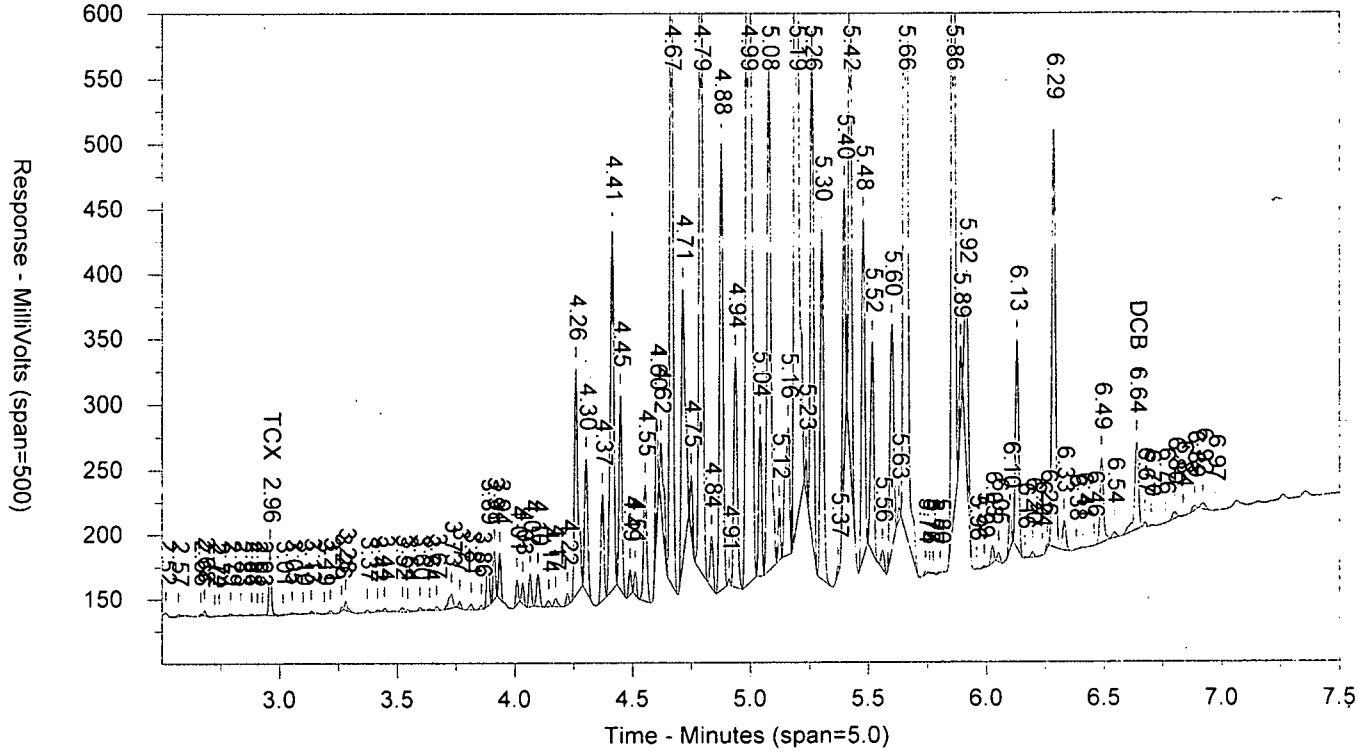

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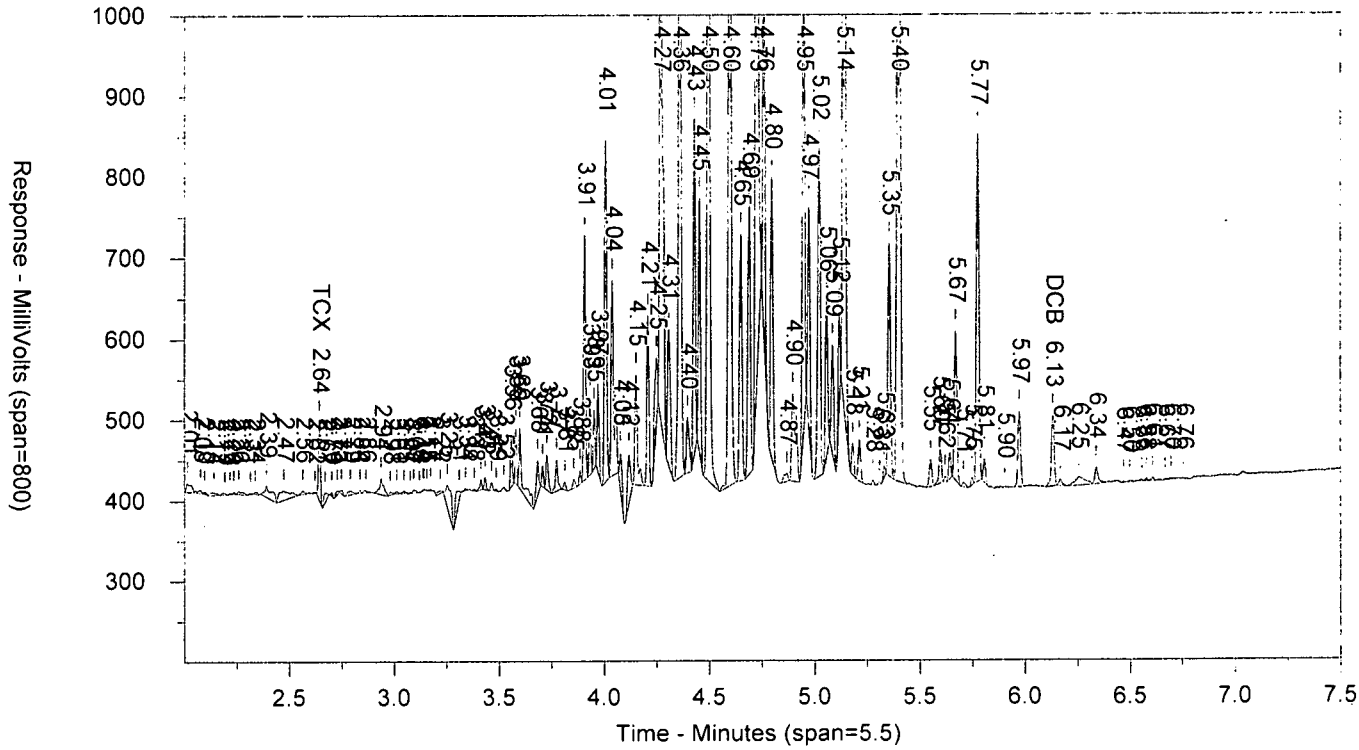

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Data Summary

Sample Name: 9202642 ACF DF50 -106E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.15 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 14:05:09
Instrument	18274A
Result file	25PCBS17257004.108.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 72% (61 - 152) Conc: 21.74669
%SSR(DCB) 98% (48 - 164) Conc: 26.07716

Analysis Report (B)

Injected on	Sep 18, 2017 14:05:09
Instrument	18274B
Result file	25PCBS17257004B.108.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 81% (61 - 152) Conc: 24.49412
%SSR(DCB) 97% (48 - 164) Conc: 26.00343

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	50180	21.74669
Decachlorobiphenyl	6.61	6.64	6.67	56371	26.07716

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.61	2.64	2.67	88878	24.49412
Decachlorobiphenyl	6.10	6.13	6.16	79707	26.00343

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	24.49412				11.88	
☑	Tetrachloro-m-xylene-D1	A	21.74669					
☑	Tetrachloro-m-xylene-D2	B	24.49412					
☐	Decachlorobiphenyl	A	26.07716				0.28	
☑	Decachlorobiphenyl-D1	A	26.07716					
☑	Decachlorobiphenyl-D2	B	26.00343					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**9.30**	
4.24	4.26	4.28	423110.1	7855.149914			1
4.39	4.41	4.43	678554.1	7381.269564			2
4.86	4.88	4.90	825707.4	8844.279488			4
Height summation:			**1927371.6**				
Concentration		CF:	**8026.899655**	L:			
Aroclor-1260						**8.36**	
5.40	5.42	5.44	361549.9	4836.55314			4
5.64	5.66	5.68	1109278	5342.882011			5
5.84	5.86	5.88	731960.8	5719.564322			6
Height summation:			**2202788.7**				
Concentration		CF:	**5299.666491**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**16.73**	
4.25	4.27	4.29	1766184	9828.037668			1
4.41	4.43	4.45	1059249	8525.379332			3
4.63	4.65	4.67	611310.3	7002.909486			5
Height summation:			**3436743.3**				
Concentration		CF:	**8452.108829**	L:			
Aroclor-1260						**8.94**	
4.93	4.95	4.97	515281.5	4602.395973			4
5.12	5.14	5.16	1339114	5085.907917			5
5.38	5.40	5.42	1007524	5506.871759			6
Height summation:			**2861919.5**				
Concentration		CF:	**5065.05855**	L:			

Valerie L. Tomaylo
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:48

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Data Summary

Sample Name: 9202642 ACF DF50 -106E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.15 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 14:05:09
Instrument	18274A
Result file	25PCBS17257004.108.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 14:05:09
Instrument	18274B
Result file	25PCBS17257004B.108.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2512.3152	<487.6847	D1		4	
☑	PCB-1221			<2512.3152	<753.6946	D1		3	
☑	PCB-1232			<2512.3152	<605.9113	D1		4	
☑	PCB-1242			<2512.3152	<605.9113	D1		4	
☑	PCB-1248			<2512.3152	<487.6847	D1		4	
☑	PCB-1254	B	8452.108829	2512.3152	650.2463	D2	5.16	4	
☑	PCB-1260	A	5299.666491	2512.3152	576.3547	D1	4.53	4	

Units: ug/kg

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

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:48

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202642** ACF DF50 -106E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.15 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274A
Result file : 25PCBS17257004.108.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 72% (61-152) Conc.: 21.74669
%SSR(DCB) : 98% (48-164) Conc.: 26.07716

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**144.24**	
3.19	3.21	3.23	2211.737	58.717527			1
+ 3.41	3.43	3.45	1202.173	31.739761			2
3.41	3.44	3.45	2681.342	70.792768			2
3.52	3.54	3.56	12530.47	263.074474			3
3.74	3.77	3.78	22449.89	376.306914			4
3.79	3.82	3.83	8542.848	163.452057			5
3.99	4.01	4.03	66593.14	1720.820727			6
Height Summation:			**115009.427**				
Amount Avg CF:			**442.194078**	Linear:			
Aroclor-1221					**3**	**31.33**	
3.09	3.11	3.13	432.1571	22.393084			1
3.14	3.15	3.18	514.5523	28.773039			2
3.19	3.21	3.23	2211.737	41.389592			3
Height Summation:			**3158.4464**				
Amount Avg CF:			**30.851905**	Linear:			
Aroclor-1232					**6**	**156.36**	
3.19	3.21	3.23	2211.737	49.499664			1
3.40	3.43	3.44	1202.173	69.418983			2
3.52	3.54	3.56	12530.47	563.527186			3
3.73	3.77	3.77	22449.89	812.823482			4
3.79	3.82	3.83	8542.848	372.343611			5
3.99	4.01	4.03	66593.14	4143.265708			6
Height Summation:			**113530.258**				
Amount Avg CF:			**1001.813106**	Linear:			
Aroclor-1242					**6**	**144.78**	
3.19	3.21	3.23	2211.737	41.706245			1
+ 3.41	3.43	3.45	1202.173	23.483037			2
3.41	3.44	3.45	2681.342	52.376866			2
3.52	3.54	3.56	12530.47	192.879193			3
3.74	3.77	3.78	22449.89	271.966257			4
3.80	3.82	3.84	8542.848	118.565524			5
3.99	4.01	4.03	66593.14	1261.665534			6
Height Summation:			**115009.427**				
Amount Avg CF:			**323.19327**	Linear:			
Aroclor-1248					**6**	**121.02**	
3.74	3.77	3.78	22449.89	895.452425			1
3.80	3.82	3.84	8542.848	293.95241			2
3.86	3.89	3.90	123514.3	2573.60537			3
3.99	4.01	4.03	66593.14	1214.135883			4
4.08	4.10	4.12	76022.84	1562.416318			5
4.26	4.26	4.30	423110.1	8504.991237			6
Height Summation:			**720233.118**				
Amount Avg CF:			**2507.425607**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274B
Result file : 25PCBS17257004B.108.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 81% (61-152) Conc.: 24.49412
%SSR(DCB) : 97% (48-164) Conc.: 26.00343

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**153.79**	
2.91	2.94	2.95	15937.99	266.087116			1
+ 3.11	3.12	3.15	702.6843	14.247335			2
3.11	3.13	3.15	2007.833	40.709987			2
+ 3.11	3.14	3.15	1790.046	36.294228			2
3.23	3.25	3.27	26348.3	371.153055			3
3.43	3.43	3.47	59042.26	794.610046			4
+ 3.43	3.46	3.47	35247.69	474.374941			4
3.50	3.52	3.54	14935.61	187.844489			5
3.54	3.56	3.58	190546.1	3530.936209			6
Height Summation:			**308818.093**				
Amount Avg CF:			**865.223484**	Linear:			
Aroclor-1221					**1**		
2.91	2.94	2.95	15937.99	190.337375			3
Height Summation:			**15937.99**				
Amount Avg CF:			**190.337375**	Linear:			
Aroclor-1232					**6**	**169.18**	
2.91	2.94	2.95	15937.99	228.914371			1
+ 3.11	3.12	3.15	702.6843	30.499798			2
3.11	3.13	3.15	2007.833	87.14938			2
+ 3.11	3.14	3.15	1790.046	77.696402			2
3.23	3.25	3.27	26348.3	817.902876			3
3.43	3.43	3.47	59042.26	1737.396994			4
+ 3.43	3.46	3.47	35247.69	1037.210138			4
3.50	3.52	3.54	14935.61	423.923716			5
3.53	3.56	3.57	190546.1	9087.428607			6
Height Summation:			**308818.093**				
Amount Avg CF:			**2063.785991**	Linear:			
Aroclor-1242					**6**	**158.07**	
2.91	2.94	2.95	15937.99	195.267714			1
+ 3.11	3.12	3.15	702.6843	12.163579			2
3.11	3.13	3.15	2007.833	34.755913			2
+ 3.11	3.14	3.15	1790.046	30.985985			2
3.23	3.25	3.27	26348.3	274.703922			3
3.43	3.43	3.47	59042.26	586.785749			4
+ 3.43	3.46	3.47	35247.69	350.305733			4
3.50	3.52	3.54	14935.61	142.039425			5
3.54	3.56	3.58	190546.1	2826.154635			6
Height Summation:			**308818.093**				
Amount Avg CF:			**676.617893**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202642 ACF DF50 -106E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.15 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274A
Result file : 25PCBS17257004.108.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	36.62	
4.24	4.26	4.28	423110.1	7855.149914			1
4.39	4.41	4.43	678554.1	7381.269564			2
4.65	4.67	4.68	1289088	10069.161915			3
4.86	4.88	4.90	825707.4	8844.279488			4
5.06	5.08	5.10	567477.8	7802.209675			5
5.17	5.19	5.21	1708745	16856.751636			6
Height Summation:			**5492682.4**				
Amount Avg CF:			**9801.470365**	Linear:			
Aroclor-1260					6	41.33	
4.97	4.99	5.01	1070804	9054.280761			1
5.17	5.19	5.21	1708745	11689.365384			2
5.24	5.26	5.28	331798.3	4692.252042			3
5.40	5.42	5.44	361549.9	4836.55314			4
5.64	5.66	5.68	1109278	5342.882011			5
5.84	5.86	5.88	731960.8	5719.564322			6
Height Summation:			**5314136**				
Amount Avg CF:			**6889.14961**	Linear:			
Aroclor-1262					6	37.87	
5.25	5.26	5.29	331798.3	2807.332681			1
5.41	5.42	5.45	361549.9	3461.344242			2
5.64	5.66	5.68	1109278	4222.681812			3
5.85	5.86	5.89	731960.8	4633.318017			4
5.90	5.92	5.94	102248.3	1316.435898			5
6.27	6.29	6.31	247304.3	2602.667043			6
Height Summation:			**2884139.6**				
Amount Avg CF:			**3173.963282**	Linear:			
Aroclor-1268					6	96.57	
5.84	5.86	5.88	731960.8	2555.768932			1
5.90	5.92	5.94	102248.3	407.536242			2
6.03	6.05	6.07	5180.647	21.652231			3
+ 6.10	6.10	6.14	24832.29	395.986557			4
6.10	6.13	6.14	160939.9	2566.418034			4
6.27	6.29	6.31	247304.3	2353.814608			5
6.47	6.49	6.51	54360.8	68.114642			6
Height Summation:			**1301994.747**				
Amount Avg CF:			**1328.884115**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274B
Result file : 25PCBS17257004B.108.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	90.34	
3.43	3.43	3.47	59042.26	1981.191514			1
+ 3.43	3.46	3.47	35247.69	1182.75324			1
3.50	3.52	3.54	14935.61	328.691982			2
3.54	3.56	3.58	190546.1	2504.171285			3
3.66	3.68	3.70	108589.5	1150.907986			4
3.75	3.77	3.79	110609.6	1713.659219			5
3.89	3.91	3.93	752909.1	6394.79645			6
Height Summation:			**1236632.17**				
Amount Avg CF:			**2345.569739**	Linear:			
Aroclor-1254					6	41.63	
4.25	4.27	4.29	1766184	9828.037668			1
4.34	4.36	4.38	1247805	14779.750125			2
4.41	4.43	4.45	1059249	8525.379332			3
4.48	4.50	4.51	1567406	21110.875619			4
4.63	4.65	4.67	611310.3	7002.909486			5
4.71	4.73	4.75	2194533	15880.124935			6
Height Summation:			**8446487.3**				
Amount Avg CF:			**12854.512861**	Linear:			
Aroclor-1260					6	44.27	
4.47	4.50	4.51	1567406	9290.053376			1
4.58	4.60	4.62	1036702	7746.35346			2
4.71	4.73	4.75	2194533	13452.552992			3
4.93	4.95	4.97	515281.5	4602.395973			4
5.12	5.14	5.16	1339114	5085.907917			5
5.38	5.40	5.42	1007524	5506.871759			6
Height Summation:			**7660560.5**				
Amount Avg CF:			**7614.02258**	Linear:			
Aroclor-1262					6	37.99	
4.74	4.76	4.78	270067.9	1647.233343			1
4.93	4.95	4.97	515281.5	3149.630647			2
+ 4.93	4.97	4.97	468894.4	2866.091976			2
5.12	5.14	5.16	1339114	3867.645931			3
5.34	5.35	5.38	234051.3	1759.949033			4
5.38	5.40	5.42	1007524	4340.92994			5
5.76	5.78	5.80	332518.5	2592.330164			6
Height Summation:			**3698557.2**				
Amount Avg CF:			**2892.953176**	Linear:			
Aroclor-1268					5	106.21	
5.33	5.35	5.37	234051.3	604.156828			1
5.38	5.40	5.42	1007524	2650.386839			2
5.53	5.55	5.57	52515.76	164.841142			3
5.75	5.78	5.79	332518.5	2313.000631			5
5.95	5.97	5.99	72469.27	60.987255			6
Height Summation:			**1699078.83**				
Amount Avg CF:			**1158.674539**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2512.3155	487.6848		** 64.71	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202642 ACF DF50 -106E Sample ID: AC **Batchnumber: 172560011A**
Sample Amount: 10.15 g Total Volume: 500 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274A
Result file : 25PCBS17257004.108.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 14:05:09
Instrument : CP25--18274B
Result file : 25PCBS17257004B.108.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1221			2512.3155	753.6946		** 144.21	3	5	
Aroclor-1232			2512.3155	605.9114		** 69.28	4	10	
Aroclor-1242			2512.3155	605.9114		** 70.70	4	30	
Aroclor-1248			2512.3155	487.6848		6.67	4	40	
Aroclor-1254			2512.3155	650.2464		26.95	4	40	
Aroclor-1260			2512.3155	576.3547		10.00	4	40	
Aroclor-1262			2512.3155	487.6848		9.26	4	40	
Aroclor-1268			2512.3155	487.6848		13.68	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 2:05:09 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.108.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.034		710	688
2.076		3426	4270
2.102		5166	8177
2.166		1372	1444
2.233		9050	7391
2.311		606	536
2.345		509	226
2.357		1128	665
2.397		860	779
2.481		520	297
2.512		2713	3602
2.569		1003	922
2.664		957	527
2.681		4047	2653
2.742		425	130
2.767		342	252
2.787		1009	992
2.834		709	514
2.878		612	555
2.909		437	285
2.923		583	312
2.959	TCX	50180	33871
3.049		1543	2201
3.109		432	404
3.129		856	814
3.154		515	420
3.21		2212	2439
3.263		3506	1951
3.28		6815	4212
3.371		833	834
3.427		1202	1056
3.444		2681	1900
3.518		1075	979
3.543		12530	8964
3.594		784	426
3.612		915	805
3.653		478	409
3.668		1500	1091
3.731		42190	53040
3.766		22450	17237
3.815		8543	6789
3.857		13710	10151
3.885		123514	92592
3.913		136107	94363
3.935		141905	101076
4.009		66593	46841
4.034		63268	44395
4.066		102691	81562
4.099		76023	67873
4.143		16400	16330
4.173		10381	11205
4.224		27858	21608
4.261		423110	451136
4.303		328066	300559

RT A	Compound A	Height A	Area A
4.373		188824	163364
4.414		678554	739738
4.449		409724	352004
4.49		55723	40045
4.512		59955	42155
4.554		236438	222090
4.604		261696	256828
4.634		54159	34757
4.666		1289088	1156628
4.715		223907	262589
4.75		81407	55846
4.792		759242	754991
4.837		118664	103585
4.878		825707	822810
4.91		11915	6710
4.939		218094	228386
4.99		1070804	1502624
5.042		95974	82514
5.079		567478	656084
5.124		88382	64156
5.16		129258	172441
5.194		1708745	1760356
5.236		40145	21747
5.261		331798	291129
5.303		230959	246677
5.375		2512	2446
5.399		323975	269272
5.422		361550	288438
5.479		230206	216747
5.517		170213	166415
5.559		16238	16807
5.597		268358	259478
5.632		35791	27540
5.658		1109278	1011154
5.694		13426	8453
5.745		1993	1563
5.777		1104	683
5.815		2184	3038
5.862		731961	687858
5.891		64562	43485
5.917		102248	109667
5.967		970	1073
6.027		29558	25159
6.053		5181	3828
6.083		1799	1152
6.104		24832	18292
6.132		160940	159903
6.198		11444	12152
6.237		1255	1036
6.26		12495	8775
6.287		247304	251012
6.333		17773	17920
6.391		212	240
6.407		814	412
6.456		779	305
6.492		54361	55229
6.56		481	1173
6.607		5054	6024
6.642	DCB	56371	55620
6.677		9491	8069
6.705		907	573
6.734		519	194
6.773		599	396
6.818		1023	2754
6.888		6547	7162
6.925		4719	6738

RT A	Compound A	Height A	Area A
6.973		1228	932

LANCASTER LABORATORIES

Sample Number: 9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 2:05:09 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.108.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.012		11417	16570
2.069		3991	3679
2.097		4030	3101
2.124		4799	8527
2.191		2247	1925
2.215		2396	1349
2.239		2475	1572
2.257		3222	1753
2.315		2930	2837
2.337		3487	3770
2.392		8503	5395
2.444		1436	929
2.469		3317	3229
2.516		3264	3777
2.564		5073	5249
2.619		1433	736
2.642	TCX	88878	52045
2.742		3413	5901
2.835		4279	3086
2.937		15938	19931
3.014		1218	1709
3.065		289	64
3.079		615	105
3.092		1059	731
3.105		1314	346
3.117		703	285
3.134		2008	870
3.144		1790	1165
3.167		859	500
3.182		1996	5415
3.252		26348	26247
3.298		7041	10100
3.342		3596	5122
3.413		44667	27702
3.433		59042	35765
3.463		35248	22103
3.522		14936	12811
3.556		190546	120852
3.579		219165	118763
3.597		226259	130433
3.684		108590	64861
3.707		94669	52109
3.727		158385	108808
3.773		110610	81146
3.813		30352	26075
3.854		35491	27268
3.884		56177	33815
3.906		752909	514580
3.932		326062	194078
3.952		185095	99225
3.97		253822	151323
4.005		1022643	725636
4.037		652430	624594
4.077		88342	61347

RT B	Compound B	Height B	Area B
4.116		122929	103306
4.151		356470	282163
4.207		481252	359548
4.242		155148	134158
4.268		1766184	1445097
4.306		214091	201180
4.359		1247805	1059424
4.397		175843	143298
4.429		1059249	741399
4.453		360380	252593
4.495		1567406	1305517
4.597		1036702	1065982
4.648		611310	492760
4.689		402329	359039
4.726		2194533	1869567
4.758		270068	197294
4.797		306272	234253
4.856		19015	26201
4.896		58809	37192
4.913		91056	58848
4.947		515282	383047
4.972		468894	355851
5.021		376611	339862
5.057		188379	151785
5.086		128456	101731
5.118		277798	178543
5.14		1339114	1079809
5.181		32632	22550
5.213		46515	40917
5.276		5438	4552
5.308		2959	2059
5.331		9394	5594
5.354		234051	197739
5.397		1007524	1051704
5.551		52516	43558
5.597		44562	41683
5.642		82260	61498
5.67		140765	121794
5.707		9424	9756
5.748		22097	14961
5.775		332519	280861
5.806		23465	17112
5.855		4485	3598
5.892		1645	3595
5.973		72469	63070
6.05		1583	1682
6.11		3881	2507
6.132	DCB	79707	65824
6.168		16889	16304
6.261		10867	33929
6.338		11192	12651
6.441		4110	5575
6.471		1990	1613
6.502		3072	3758
6.579		8616	7478
6.64		2876	2516
6.672		2929	2991
6.721		1193	1586
6.858		2976	9673
6.905		2029	2955

9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082

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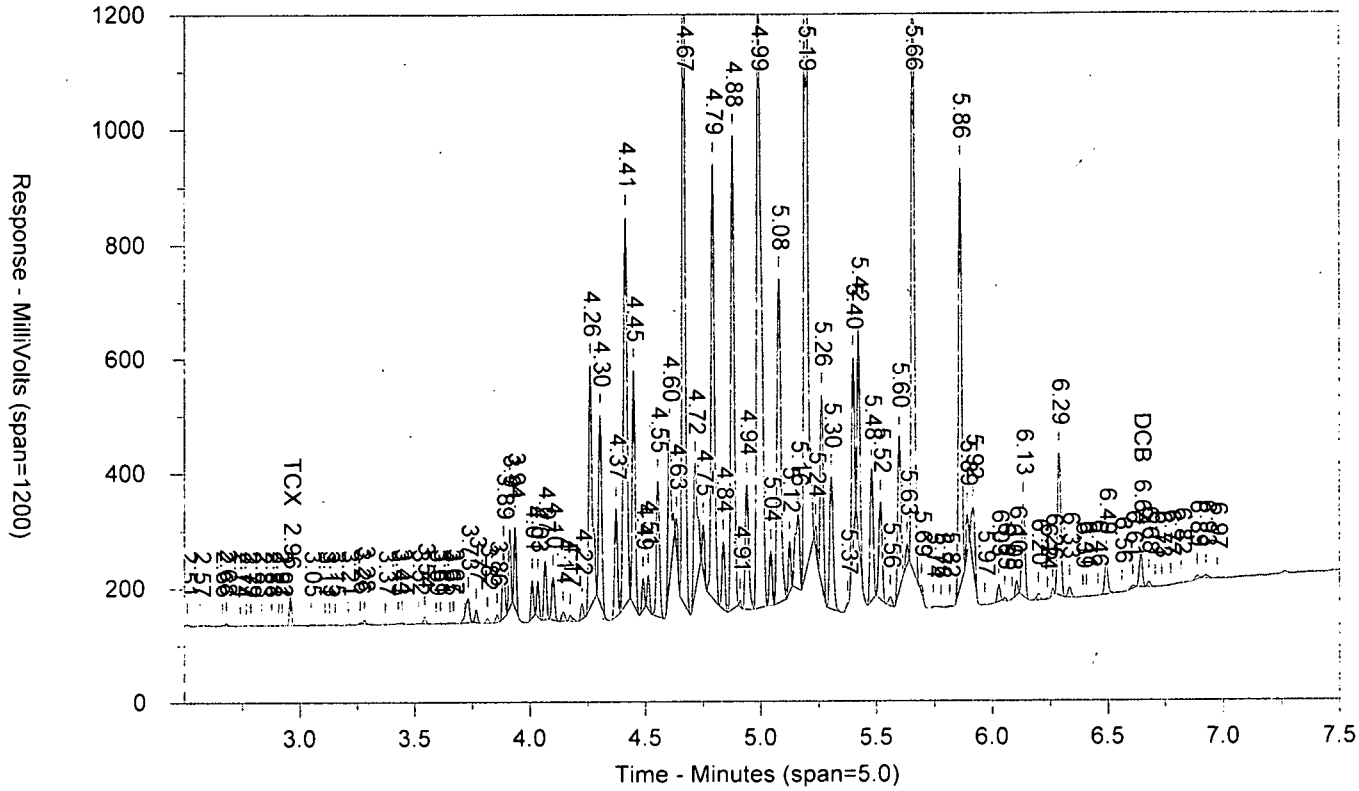

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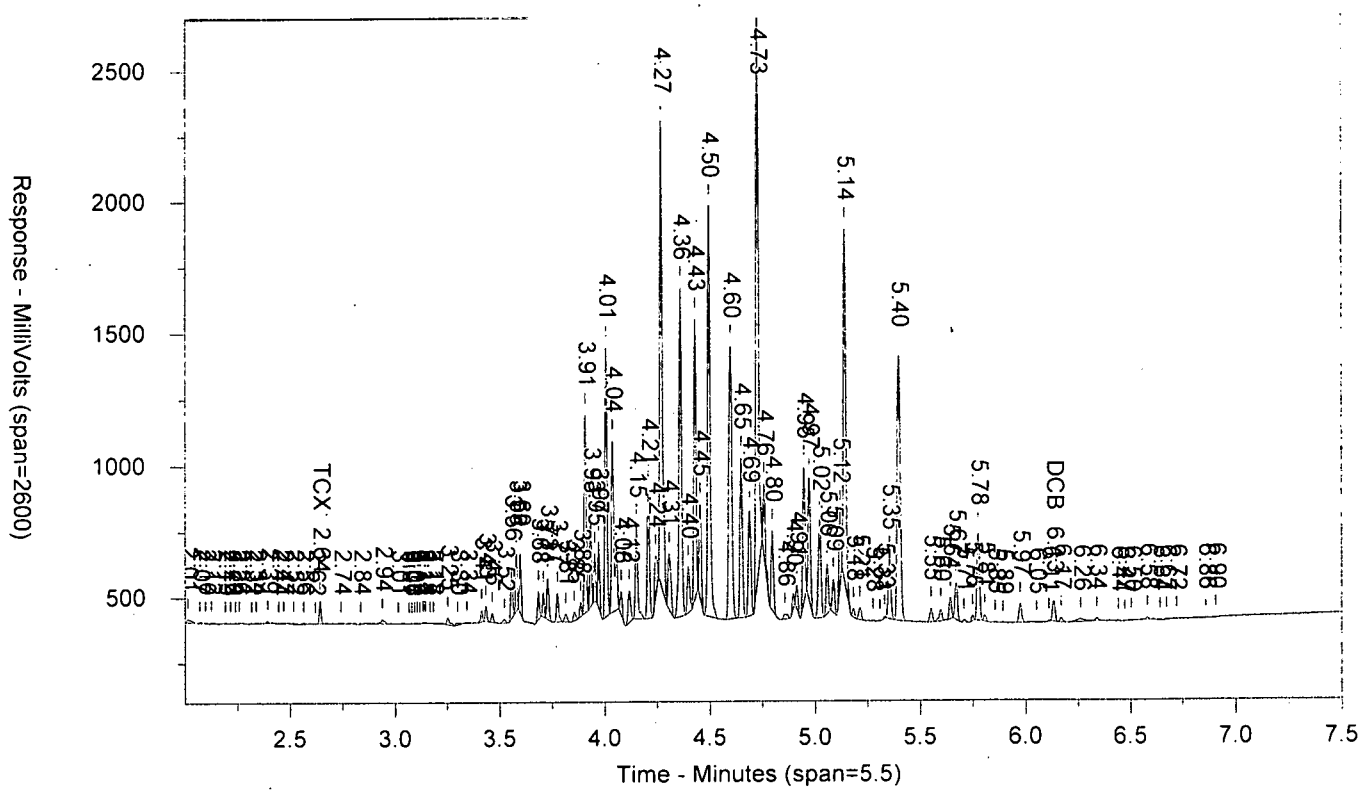


LANCASTER LABORATORIES

Sample Number: 9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 2:05:09 PM Sample Weight: 10.15
Instrument ID: CP25-18274 Dilution Factor: 500
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

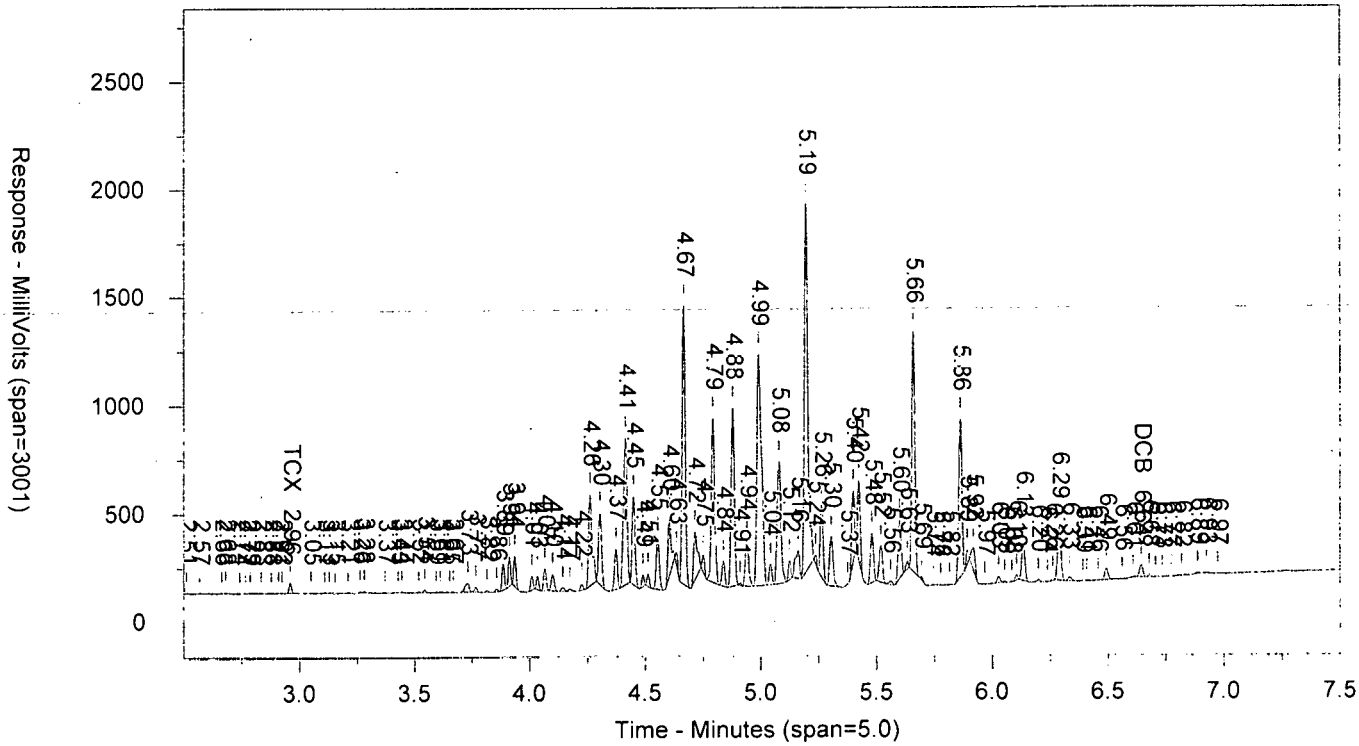
Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	50180	21.747	TCX	2.642	88878	24.494	TCX
6.642	56371	26.077	DCB	6.132	79707	26.003	DCB

Files:
Area File: 25PCBS17257004.108.RAW
Area File: 25PCBS17257004B.108.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 2:13:42 PM
File Reported On: 9/18/2017 at 2:13:55 PM

9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25PCBS17257004.108.RAW



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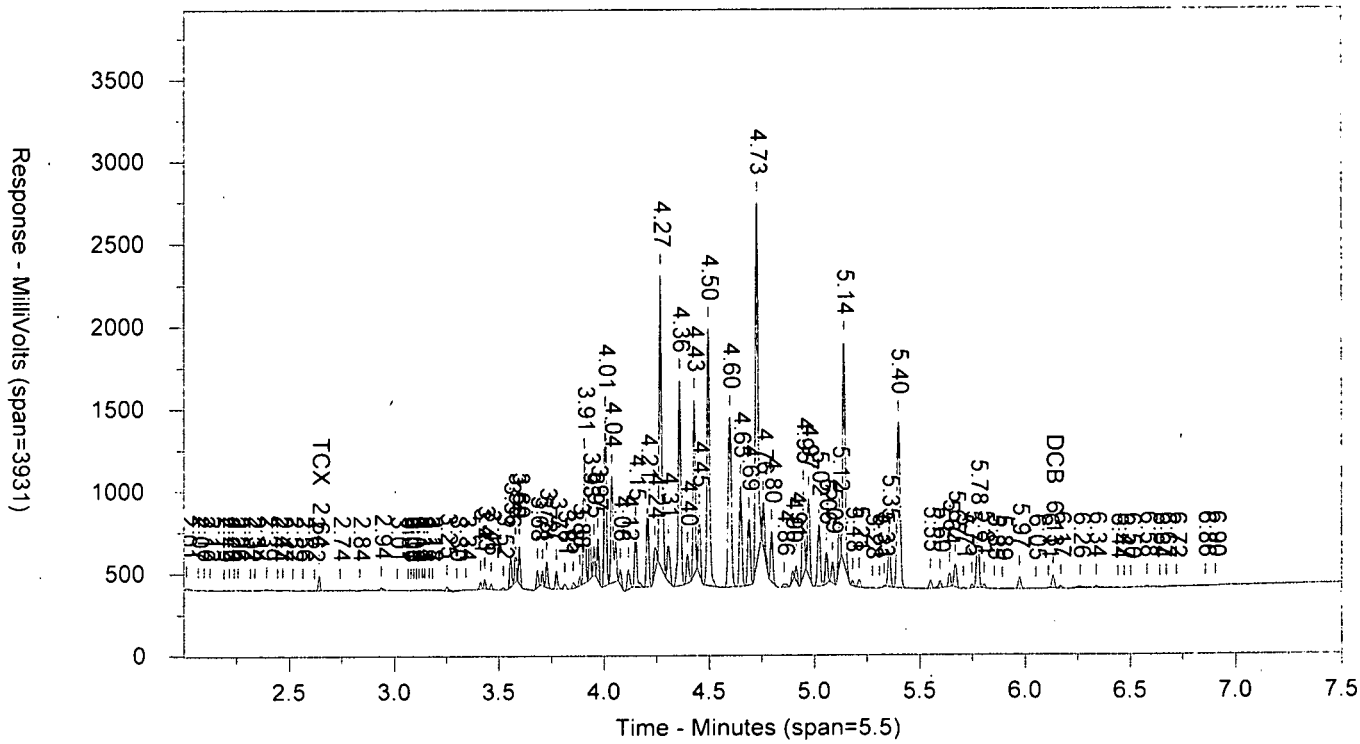
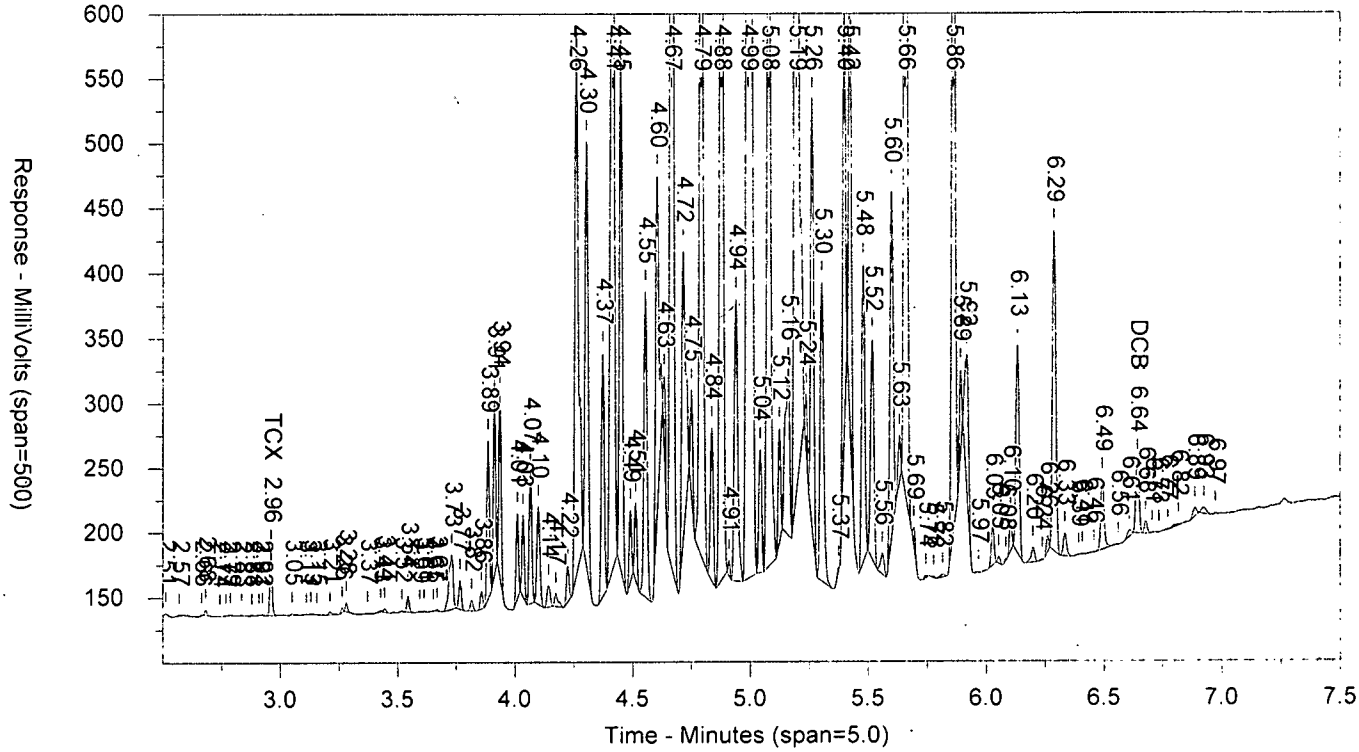


9202642 ACF DF50 AC-106E T 172560011A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25PCBS17257004.108.RAW



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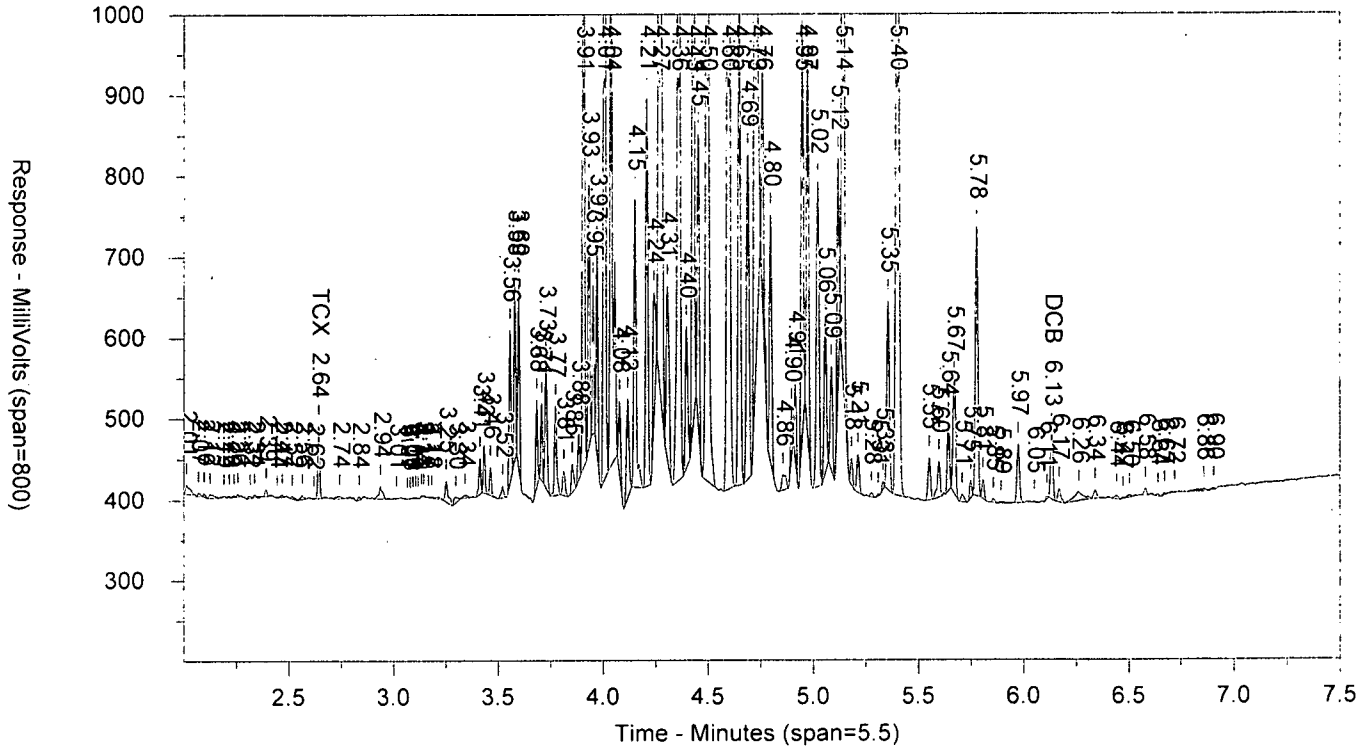

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Data Summary

Sample Name: 9202643 ACF DF50 -107W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 500 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 08:38:02
Instrument	19843A
Result file	07PCBS17250008.0085.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 67% (61 - 152) Conc: 20.08878
%SSR(DCB) 102% (48 - 164) Conc: 27.04567

Analysis Report (B)

Injected on	Sep 18, 2017 08:38:02
Instrument	19843B
Result file	07PCBS17250008B.0085.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 74% (61 - 152) Conc: 22.00573
%SSR(DCB) 96% (48 - 164) Conc: 25.39598

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	155875	20.08878
Decachlorobiphenyl	6.65	6.68	6.71	74837	27.04567

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	175314	22.00573
Decachlorobiphenyl	6.13	6.16	6.19	82937	25.39598

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	22.00573				9.11	
☑	Tetrachloro-m-xylene-D1	A	20.08878					
☑	Tetrachloro-m-xylene-D2	B	22.00573					
☐	Decachlorobiphenyl	A	27.04567				6.29	
☑	Decachlorobiphenyl-D1	A	27.04567					
☑	Decachlorobiphenyl-D2	B	25.39598					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.87**	
4.82	4.84	4.86	1741518	5836.877465			1
5.02	5.04	5.06	1955566	6677.191169			2
5.23	5.25	5.27	2247406	8087.06158			3
5.45	5.47	5.49	970265.3	6029.159082			4
5.69	5.71	5.73	2669938	6774.755291			5
5.89	5.91	5.93	1700079	6596.370544			6

Height summation: **11284772.3**
Concentration CF: **6666.902522** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.77**	
4.35	4.37	4.39	1913373	6262.665312			1
4.49	4.51	4.53	2252644	6427.467875			2
4.60	4.61	4.64	1568234	5533.868556			3
4.72	4.74	4.76	2668719	7803.82305			4
5.14	5.16	5.18	2677905	6065.131687			5
5.40	5.42	5.44	1670478	6388.903441			6

Height summation: **12751353**
Concentration CF: **6413.64332** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2487.8048	<482.9268	D1		4	
☑	PCB-1221			<2487.8048	<746.3415	D1		3	
☑	PCB-1232			<2487.8048	<600	D1		4	
☑	PCB-1242			<2487.8048	<600	D1		4	
☑	PCB-1248			<2487.8048	<482.9268	D1		4	
☑	PCB-1254			<2487.8048	<643.9024	D1		4	
☑	PCB-1260	A	6666.902522	2487.8048	570.7317	D1	3.87	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:37

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202643** ACF DF50 -107W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0085.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 67% (61-152) Conc.: 20.08878
%SSR(DCB) : 102% (48-164) Conc.: 27.04567

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**145.79**	
3.23	3.26	3.27	5204.08	38.613764			1
3.45	3.45	3.49	3023.328	21.91584			2
+ 3.45	3.47	3.49	2641.833	19.150416			2
3.74	3.77	3.78	32362.21	200.999929			4
3.78	3.81	3.82	25454.32	134.709358			5
3.91	3.93	3.95	114075.8	984.207418			6
Height Summation:			**180119.738**				
Amount Avg CF:			**276.089262**	Linear:			
Aroclor-1221					**3**	**39.10**	
3.13	3.17	3.17	2993.15	47.967138			1
3.18	3.18	3.22	3877.571	67.934716			2
+ 3.18	3.21	3.22	3863.898	67.695166			2
3.23	3.26	3.27	5204.08	29.93434			3
Height Summation:			**12074.801**				
Amount Avg CF:			**48.612064**	Linear:			
Aroclor-1232					**5**	**155.65**	
3.23	3.26	3.27	5204.08	32.913666			1
+ 3.45	3.45	3.49	3023.328	45.791348			2
+ 3.45	3.47	3.49	2641.833	40.013222			2
3.45	3.49	3.49	4817.249	72.962089			2
3.74	3.77	3.78	32362.21	436.070394			4
3.78	3.81	3.82	25454.32	274.847623			5
3.91	3.93	3.95	114075.8	2446.862685			6
Height Summation:			**181913.659**				
Amount Avg CF:			**652.731291**	Linear:			
Aroclor-1242					**5**	**151.36**	
3.23	3.26	3.27	5204.08	28.838635			1
3.45	3.45	3.49	3023.328	16.665489			2
+ 3.45	3.47	3.49	2641.833	14.562575			2
3.74	3.77	3.78	32362.21	135.821201			4
3.78	3.81	3.82	25454.32	97.386742			5
3.91	3.93	3.95	114075.8	773.264887			6
Height Summation:			**180119.738**				
Amount Avg CF:			**210.395391**	Linear:			
Aroclor-1248					**6**	**123.79**	
3.78	3.81	3.82	25454.32	273.266932			1
3.84	3.86	3.88	14377.12	145.09159			2
3.91	3.93	3.95	114075.8	691.398176			3
4.03	4.06	4.07	52172.14	280.034525			4
4.12	4.15	4.16	68733.56	426.119053			5
4.30	4.31	4.34	429237.3	2491.323662			6
+ 4.30	4.33	4.34	49730.01	288.636497			6
Height Summation:			**704050.24**				
Amount Avg CF:			**717.872323**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0085.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 74% (61-152) Conc.: 22.00573
%SSR(DCB) : 96% (48-164) Conc.: 25.39598

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**120.92**	
2.92	2.96	2.96	37724.00	273.014024			1
3.12	3.14	3.16	3263.19	18.609587			2
3.25	3.26	3.29	21934.11	126.551766			3
+ 3.40	3.42	3.44	24574.39	132.291304			4
* 3.44	3.44	3.48	29436.53	168.718068			5
* 3.40	3.44	3.44	29436.53	158.46566			4
+ 3.44	3.46	3.48	3260.256	18.686445			5
+ 3.44	3.47	3.48	15677.86	89.859037			5
3.57	3.59	3.61	140035.3	974.441568			6
+ 3.57	3.61	3.61	114197.3	794.646751			6
Height Summation:			**261830.54**				
Amount Avg CF:			**286.733546**	Linear:			
Aroclor-1221					**3**	**68.18**	
2.80	2.82	2.84	4476.085	59.602906			1
2.86	2.87	2.90	3764.751	79.920233			2
2.92	2.95	2.96	37724.88	203.733747			3
Height Summation:			**45965.716**				
Amount Avg CF:			**114.418962**	Linear:			
Aroclor-1232					**6**	**145.97**	
2.92	2.95	2.96	37724.88	223.645925			1
3.12	3.14	3.16	3263.19	36.858961			2
3.25	3.26	3.29	21934.11	256.154379			3
+ 3.40	3.42	3.44	24574.39	287.468825			4
* 3.44	3.44	3.48	29436.53	338.143119			5
* 3.40	3.44	3.44	29436.53	344.345666			4
+ 3.44	3.46	3.48	3260.256	37.451192			5
+ 3.44	3.47	3.48	15677.86	180.094613			5
3.57	3.59	3.61	140035.3	2317.689177			6
+ 3.57	3.61	3.61	114197.3	1890.05091			6
Height Summation:			**261830.54**				
Amount Avg CF:			**586.139538**	Linear:			
Aroclor-1242					**6**	**125.63**	
2.92	2.95	2.96	37724.88	197.859315			1
3.12	3.14	3.16	3263.19	21.074888			2
3.25	3.26	3.29	21934.11	96.818267			3
+ 3.40	3.42	3.44	24574.39	91.108204			4
* 3.44	3.44	3.48	29436.53	121.895958			5
* 3.40	3.44	3.44	29436.53	109.134322			4
+ 3.44	3.46	3.48	3260.256	13.500641			5
+ 3.44	3.47	3.48	15677.86	64.921639			5
3.57	3.59	3.61	140035.3	770.876408			6
+ 3.57	3.61	3.61	114197.3	628.641524			6
Height Summation:			**261830.54**				
Amount Avg CF:			**219.60986**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202643** ACF DF50 -107W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0085.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	87.32	
4.29	4.31	4.32	429237.3	2310.473694			1
4.63	4.66	4.67	171815.3	872.04644			2
+ 4.63	4.67	4.67	171434.9	870.115725			2
4.69	4.72	4.73	1398810	3355.906568			3
4.91	4.93	4.95	708923.4	2782.289866			4
5.11	5.13	5.15	839442	5757.939271			5
5.23	5.25	5.27	2247406	11734.823441			6
Height Summation:			**5795634**				
Amount Avg CF:			**4468.913213**	Linear:			
Aroclor-1260					6	11.87	
4.82	4.84	4.86	1741518	5836.877465			1
5.02	5.04	5.06	1955566	6677.191169			2
5.23	5.25	5.27	2247406	8087.06158			3
5.45	5.47	5.49	970265.3	6029.159082			4
5.69	5.71	5.73	2669938	6774.755291			5
5.89	5.91	5.93	1700079	6596.370544			6
Height Summation:			**11284772.3**				
Amount Avg CF:			**6666.902522**	Linear:			
Aroclor-1262					6	32.08	
5.29	5.31	5.33	878043.4	3677.545035			1
5.45	5.47	5.49	970265.3	4571.285412			2
5.69	5.71	5.73	2669938	5732.885393			3
5.89	5.91	5.93	1700079	5348.318319			4
5.95	5.97	5.99	310552.3	1941.671087			5
6.31	6.33	6.35	585369.8	4081.624812			6
Height Summation:			**7114247.8**				
Amount Avg CF:			**4225.55501**	Linear:			
Aroclor-1268					6	97.16	
5.89	5.91	5.93	1700079	2981.407508			1
5.95	5.97	5.99	310552.3	629.81055			2
6.08	6.10	6.12	20522.38	43.36908			3
+ 6.14	6.15	6.18	49349.12	397.208327			4
6.14	6.18	6.18	337240.6	2714.430862			4
6.31	6.33	6.35	585369.8	4014.264873			5
6.51	6.53	6.55	104760.6	109.15015			6
Height Summation:			**3058524.68**				
Amount Avg CF:			**1748.738837**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0085.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	104.06	
3.44	3.44	3.48	29436.53	368.375944			1
+ 3.44	3.46	3.48	3260.256	40.799642			1
+ 3.44	3.47	3.48	15677.86	196.196579			1
3.51	3.53	3.55	15859.8	144.780237			2
3.55	3.57	3.59	118779.2	629.676518			3
3.67	3.69	3.71	65321.18	288.009249			4
+ 3.76	3.77	3.80	17409.52	111.010628			5
3.76	3.78	3.80	51841.94	330.566628			5
3.90	3.92	3.94	544890.8	1826.516059			6
Height Summation:			**826129.45**				
Amount Avg CF:			**597.987439**	Linear:			
Aroclor-1254					6	86.29	
4.20	4.22	4.24	333108.1	1407.998058			1
+ 4.26	4.26	4.30	174674.8	417.568377			2
4.26	4.28	4.30	892135.2	2132.69142			2
+ 4.26	4.29	4.30	282980.9	676.479235			2
4.35	4.37	4.39	1913373	9737.761878			3
4.42	4.44	4.46	518508.3	2006.775389			4
4.64	4.66	4.68	451449.3	2481.76806			5
4.72	4.74	4.76	2668719	9259.456969			6
Height Summation:			**6777292.9**				
Amount Avg CF:			**4504.408629**	Linear:			
Aroclor-1260					6	11.77	
4.35	4.37	4.39	1913373	6262.665312			1
4.49	4.51	4.53	2252644	6427.467875			2
4.60	4.61	4.64	1568234	5533.868556			3
4.72	4.74	4.76	2668719	7803.82305			4
5.14	5.16	5.18	2677905	6065.131687			5
5.40	5.42	5.44	1670478	6388.903441			6
Height Summation:			**12751353**				
Amount Avg CF:			**6413.64332**	Linear:			
Aroclor-1262					6	28.33	
4.76	4.77	4.80	919842.3	2750.896565			1
4.95	4.96	4.99	1157227	3719.017837			2
5.14	5.16	5.18	2677905	4664.204862			3
5.36	5.37	5.40	454564.9	2189.049846			4
5.40	5.42	5.44	1670478	4769.046262			5
5.78	5.80	5.82	533322.8	3557.558686			6
Height Summation:			**7413340**				
Amount Avg CF:			**3608.295676**	Linear:			
Aroclor-1268					6	123.98	
5.36	5.37	5.40	454564.9	764.043306			1
5.40	5.42	5.44	1670478	2928.429148			2
5.56	5.57	5.60	42009.2	88.086248			3
5.62	5.64	5.66	10005.85	86.186843			4
5.78	5.80	5.82	533322.8	3262.054696			5
5.98	6.00	6.02	104077.8	92.501087			6
Height Summation:			**2814458.55**				
Amount Avg CF:			**1203.550221**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202643 ACF DF50 -107W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0085.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 08:38:02
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0085.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2487.8048	482.9268		3.78	4	40	
Aroclor-1221			2487.8048	746.3415		** 80.73	3	40	
Aroclor-1232			2487.8048	600		10.75	4	40	
Aroclor-1242			2487.8048	600		4.29	4	40	
Aroclor-1248			2487.8048	482.9268		18.22	4	40	
Aroclor-1254			2487.8048	643.9024		0.79	4	40	
Aroclor-1260			2487.8048	570.7317		3.87	4	40	
Aroclor-1262			2487.8048	482.9268		15.76	4	40	
Aroclor-1268			2487.8048	482.9268		36.93	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:38:02 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0085.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.641		21862	20429
1.748		14910	11820
1.985		2930	1415
2		3612	4160
2.069		8823	12485
2.113		9451	13313
2.148		14110	23224
2.201		7405	5199
2.271		21156	12189
2.345		7874	13946
2.38		12747	17397
2.412		4503	3146
2.447		5322	9306
2.5		4490	3703
2.516		6288	6743
2.552		7072	5810
2.676		5577	6826
2.704		6586	5651
2.721		11262	5860
2.76		4087	3155
2.805		9909	8421
2.829		4633	4124
2.874		7163	5091
2.949		8033	6356
2.977		5240	4607
3	TCX	155875	102815
3.05		3979	2992
3.072		5462	6953
3.109		3304	1461
3.166		2993	1151
3.183		3878	2890
3.211		3864	2207
3.228		2331	1121
3.259		5204	5754
3.306		6581	4102
3.321		28116	15716
3.424		4491	7285
3.446		3023	1785
3.47		2642	1133
3.485		4817	2898
3.553		10327	23516
3.61		8679	25050
3.659		10316	6741
3.679		3031	2324
3.773		32362	45470
3.807		25454	24885
3.86		14377	16643
3.903		15734	11746
3.93		114076	80206
3.957		94569	65817
3.98		67848	42568
4.056		52172	34939
4.081		40052	28500

RT A	Compound A	Height A	Area A
4.113		73643	52787
4.147		68734	67814
4.192		13186	12138
4.222		10941	7617
4.251		8060	5166
4.273		29479	20324
4.309		429237	318094
4.327		49730	23173
4.354		266437	230827
4.397		1134	1123
4.422		225732	185995
4.465		710387	677920
4.499		387014	316509
4.54		54210	30504
4.563		51827	38476
4.605		262745	245126
4.656		171815	119431
4.673		171435	182465
4.718		1398810	1224675
4.767		539009	408286
4.782		69656	32575
4.804		173510	113154
4.844		1741519	1645436
4.89		97525	88397
4.931		708923	684665
4.963		26795	15817
4.991		466021	424287
5.043		1955566	2501571
5.094		316436	278198
5.133		839442	896299
5.177		80699	54877
5.213		209678	263320
5.247		2247407	2004927
5.269		100167	49606
5.289		46704	23565
5.313		878043	749025
5.355		566073	561915
5.451		356760	288476
5.474		970265	770981
5.53		581109	559694
5.568		377831	362518
5.61		43338	42471
5.651		346930	336653
5.682		30128	19811
5.708		2669938	2513454
5.792		8570	6798
5.853		4686	3296
5.912		1700079	1568872
5.942		91520	73883
5.966		310552	334032
6.077		29309	23776
6.101		20522	16207
6.13		2224	981
6.152		49349	35846
6.181		337241	311733
6.241		7197	7102
6.283		1636	852
6.306		6990	4830
6.334		585370	574665
6.379		38252	34122
6.535		104761	99125
6.651		2564	1409
6.682	DCB	74837	76035
6.717		3820	2773
6.846		1899	518
6.934		1879	1344

RT A	Compound A	Height A	Area A
7.115		2025	537
7.184		1300	535
7.237		1477	489
7.442		1829	1272
7.502		1455	378
7.559		1235	456
7.62		1025	483
7.683		1080	579
7.807		1722	594
7.819		1509	636
7.886		1531	1179
7.911		1565	419
8.151		1431	454
8.191		1805	656
8.365		1087	418
8.555		1669	498
8.586		2287	1392

LANCASTER LABORATORIES

Sample Number: 9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:38:02 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0085.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.525		13497	17279
1.615		2811	2064
1.751		3689	5863
1.771		3853	9378
1.832		4212	2713
1.864		3112	1791
1.91		7554	5000
1.966		6012	5150
1.993		24923	17796
2.03		12010	18945
2.079		5247	7899
2.105		5321	4177
2.147		4242	7468
2.168		3652	2056
2.204		3239	3171
2.224		2711	1577
2.246		2398	1556
2.267		12350	16331
2.345		12414	28390
2.401		16549	10077
2.464		3279	2767
2.498		1945	1393
2.527		3556	3170
2.573		4441	6560
2.602		2547	2126
2.629		2730	1800
2.651	TCX	175314	104892
2.679		4240	5752
2.712		4116	1808
2.737		6621	8022
2.821		4476	2640
2.845		2207	1166
2.867		3765	3489
2.908		3281	2193
2.948		37725	32507
2.991		3958	2677
3.026		1856	998
3.073		2507	2254
3.107		2629	2345
3.144		3263	1553
3.217		3007	1439
3.264		21934	32896
3.305		22179	27956
3.362		6878	7688
3.392		3030	2254
3.423		24574	16223
3.442		29437	15418
3.458		3260	1487
3.472		15678	8410
3.531		15860	12613
3.566		118779	70729
3.589		140035	75645
3.607		114197	60774
3.692		65321	43021

3.715		45105	24351
3.736		80210	55476
3.767		17410	8453
3.783		51842	32967
3.823		23771	18711
3.866		30309	23744
3.896		24193	13501
3.917		544891	367148
3.943		142039	83122
3.962		137174	76539
3.981		203588	128310
4.017		718010	511091
4.049		339861	217734
4.066		113286	58809
4.089		62272	43358
4.129		74053	64623
4.163		221931	168931
4.183		25175	14210
4.22		333108	241644
4.262		174675	158341
4.281		892135	524780
4.295		282981	127551
4.319		360608	325723
4.373		1913373	1517025
4.41		100333	101858
4.443		518508	358473
4.467		566596	414968
4.511		2252644	1785770
4.612		1568234	1599317
4.665		451449	387835
4.705		600297	518558
4.741		2668719	2272097
4.774		919842	639645
4.813		695886	540863
4.872		14376	17522
4.913		158407	110060
4.93		57778	32609
4.964		1157227	888064
4.988		409616	288681
5.039		739958	650490
5.074		365027	288324
5.104		250991	198760
5.137		128385	78709
5.159		2677905	2254859
5.2		52254	37029
5.231		86736	70129
5.271		4559	3040
5.295		7532	5148
5.33		4613	3042
5.351		21439	12284
5.373		454565	384892
5.417		1670478	1863462
5.573		42009	36058
5.619		48851	40885
5.642		10006	5403
5.664		31650	22076
5.691		259367	217882
5.73		3256	2847
5.771		7280	4607
5.798		533323	458224
5.83		29106	21033
5.999		104078	90164
6.157	DCB	82937	74959
6.195		5996	6241
6.36		9389	10188
6.599		3033	2456
6.771		1696	2201

7.625	4999	7055
8.195	3566	6385
8.293	9379	17715
8.516	4879	9380

9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082

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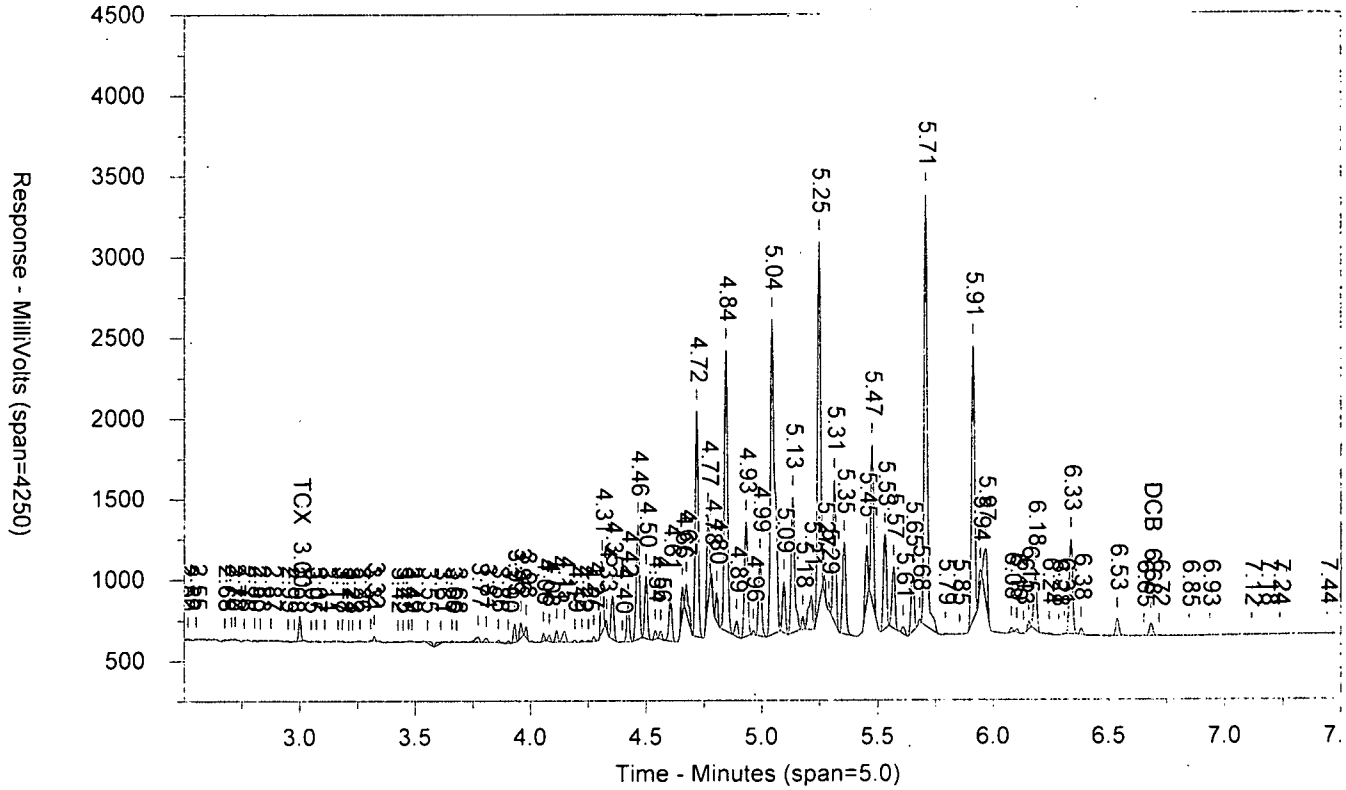

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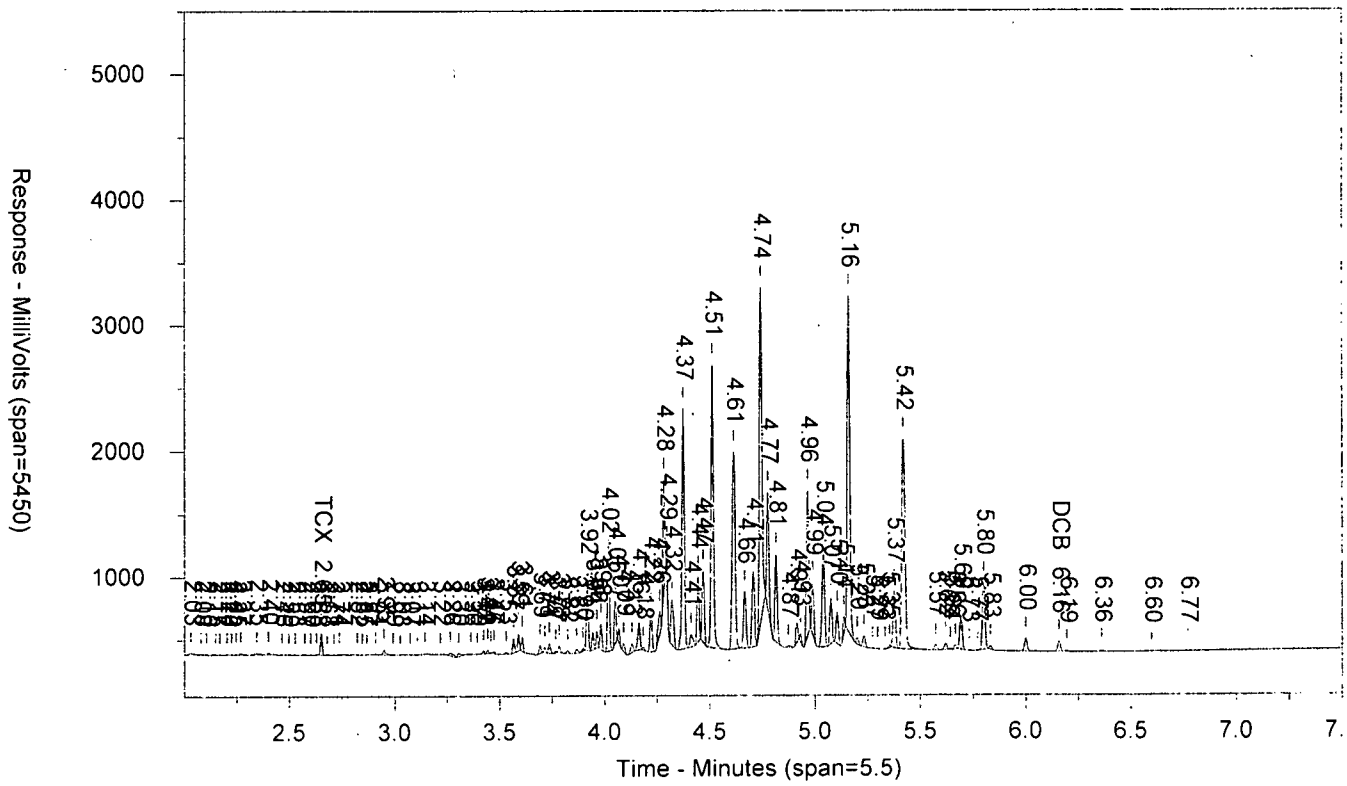

LANCASTER LABORATORIES

Sample Number: 9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:38:02 AM
Sample Weight: 10.25
Instrument ID: CP7-19843A
Dilution Factor: 500
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	155875	20.089	TCX	2.651	175314	22.006	TCX
6.682	74837	27.046	DCB	6.157	82937	25.396	DCB

Files:
Area File: 07pcbs17250008.0085.RAW
Area File: 07pcbs17250008B.0085.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:03:42 AM

9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082

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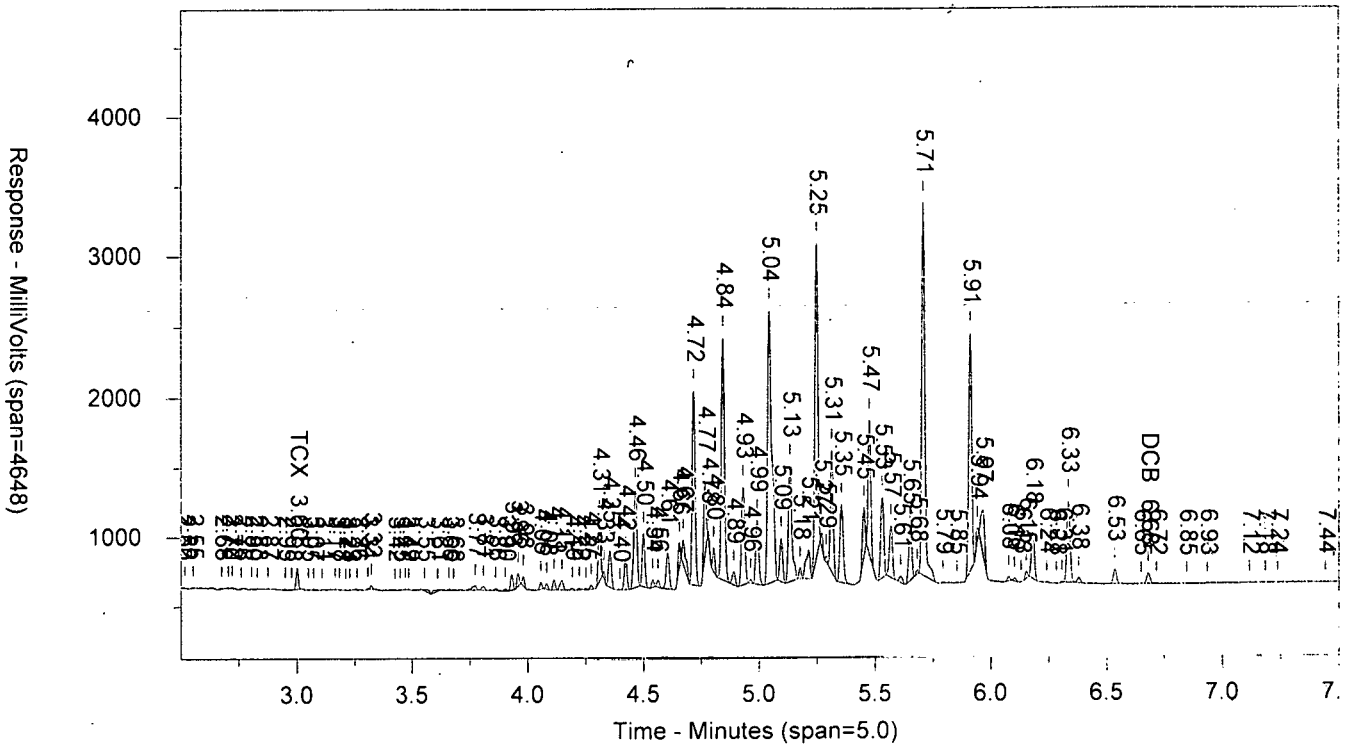

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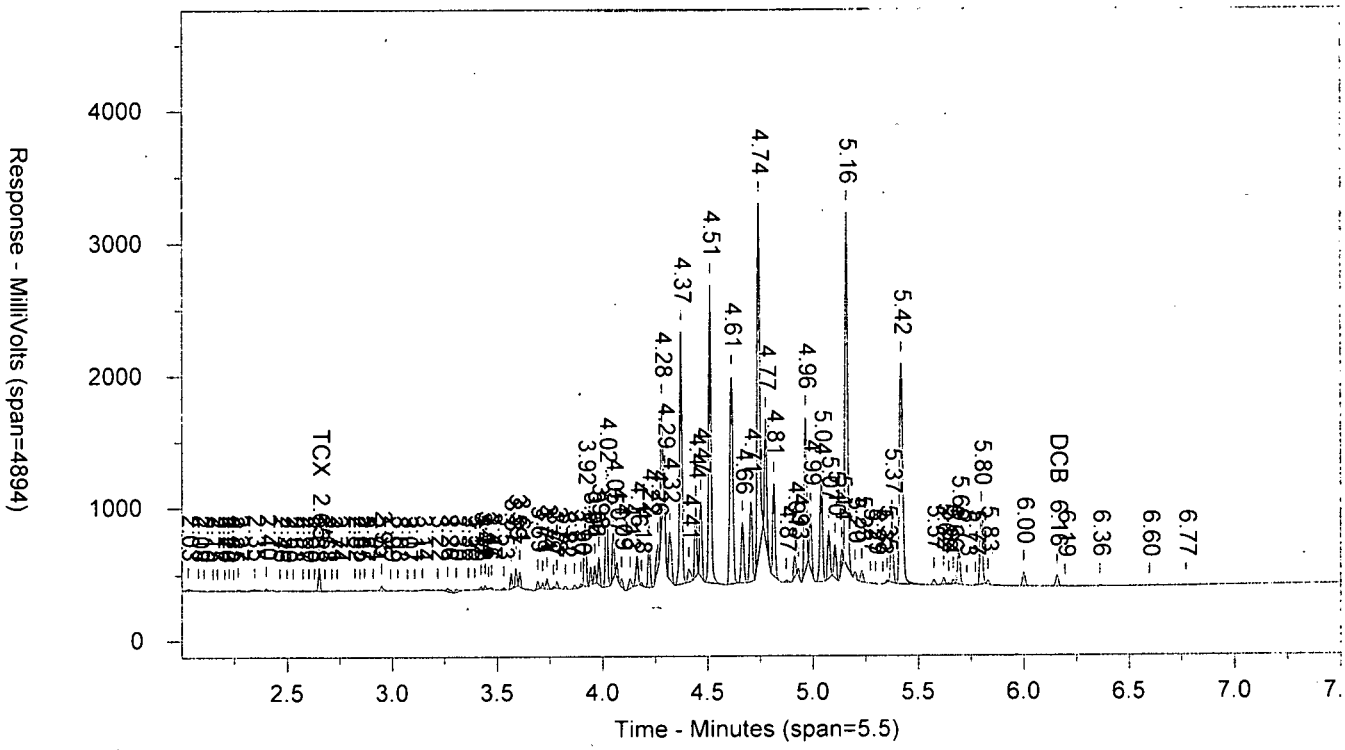

9202643 ACF DF50 AC-107W T 172560012A 10225 SW-846 8082

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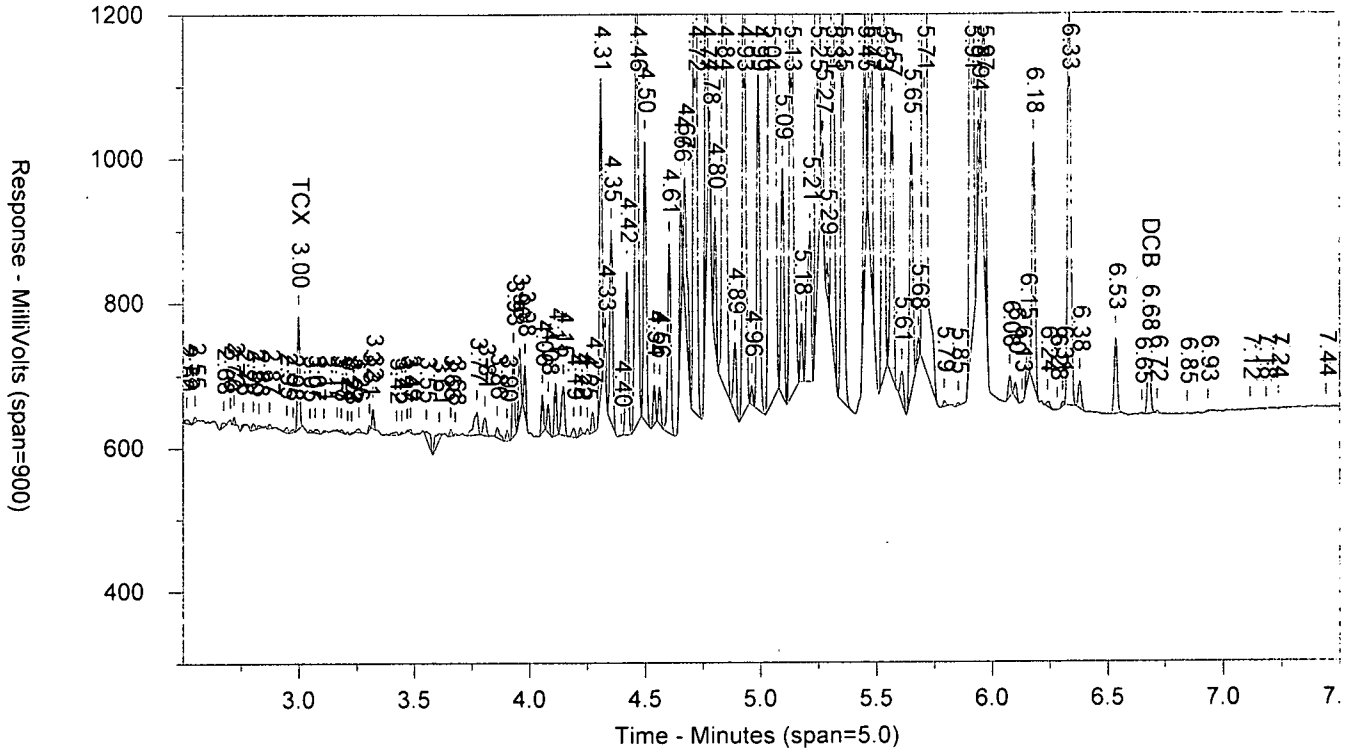

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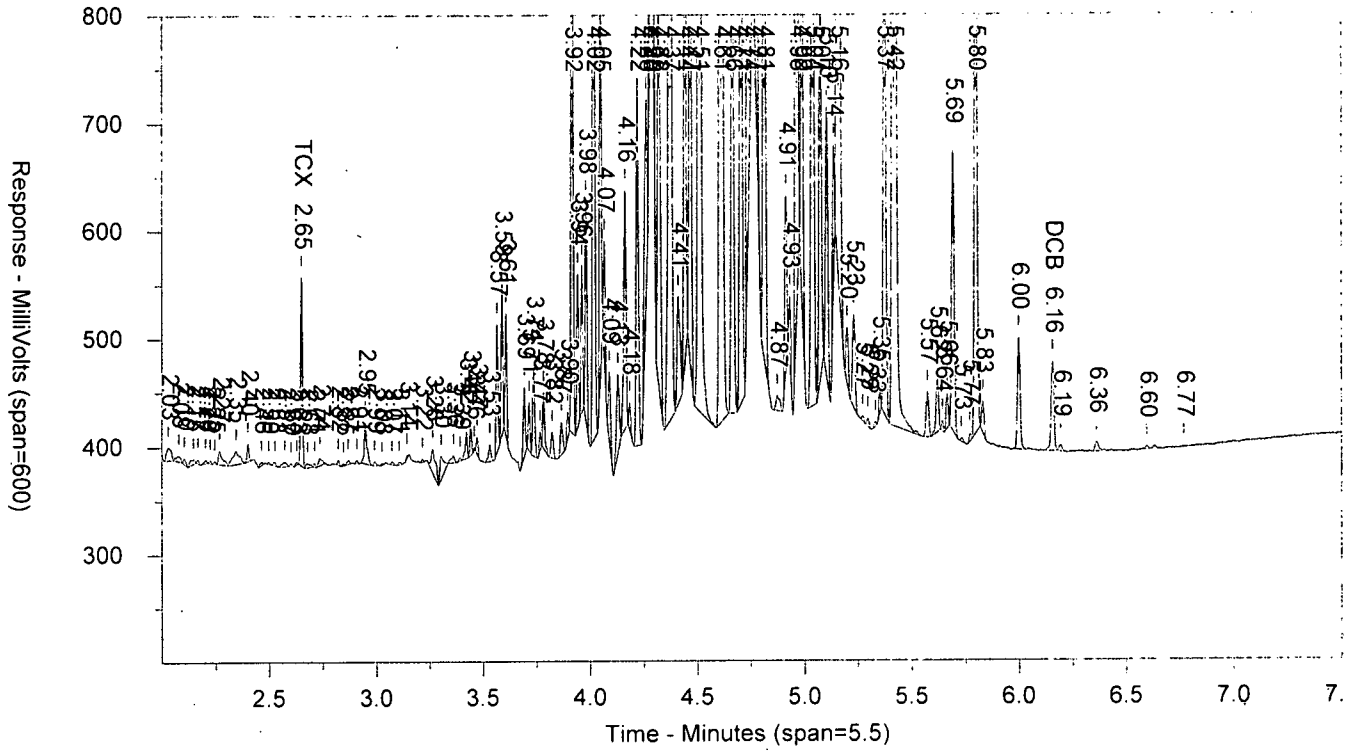

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202644 ACF DF20 -107E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.08 g Total Volume: 200 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 08:49:30
Instrument	19843A
Result file	07PCBS17250008.0086.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 82% (61 - 152) Conc: 24.90029
%SSR(DCB) 116% (48 - 164) Conc: 31.1377

Analysis Report (B)

Injected on	Sep 18, 2017 08:49:30
Instrument	19843B
Result file	07PCBS17250008B.0086.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 81% (61 - 152) Conc: 24.49218
%SSR(DCB) 104% (48 - 164) Conc: 27.91702

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	475012	24.90029	Tetrachloro-m-xylene	2.62	2.65	2.68	479718	24.49218
Decachlorobiphenyl	6.65	6.68	6.71	211828	31.1377	Decachlorobiphenyl	6.13	6.16	6.19	224144	27.91702

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	24.90029				1.65	
☑	Tetrachloro-m-xylene-D1	A	24.90029					
☑	Tetrachloro-m-xylene-D2	B	24.49218					
☐	Decachlorobiphenyl	A	31.1377				10.91	
☑	Decachlorobiphenyl-D1	A	31.1377					
☑	Decachlorobiphenyl-D2	B	27.91702					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**24.38**	
4.82	4.84	4.86	2121452	2892.072281			1
5.02	5.04	5.06	2266181	3147.308039			2
5.23	5.25	5.27	2741367	4012.358402			3
5.45	5.47	5.49	848390.8	2144.299865			4
5.69	5.71	5.73	2255200	2327.559671			5
5.89	5.91	5.93	1546653	2440.912176			6

Height summation: **11779243.8**
Concentration CF: **2827.418406** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**23.12**	
4.35	4.37	4.39	2292174	3051.62011			1
4.49	4.51	4.53	2531502	2937.980787			2
4.60	4.61	4.64	1784501	2561.28611			3
4.72	4.74	4.76	3368325	4006.28535			4
5.14	5.16	5.18	2369935	2183.256833			5
5.40	5.42	5.44	1507564	2345.225711			6

Height summation: **13854001**
Concentration CF: **2847.60915** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<1011.9048	<196.4286	D1		4	
☑	PCB-1221			<1011.9048	<303.5714	D1		3	
☑	PCB-1232			<1011.9048	<244.0476	D1		4	
☑	PCB-1242			<1011.9048	<244.0476	D1		4	
☑	PCB-1248			<1011.9048	<196.4286	D1		4	
☑	PCB-1254			<1011.9048	<261.9048	D1		4	
☑	PCB-1260	B	2847.60915	1011.9048	232.1429	D2	0.71	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:39

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202644** ACF DF20 -107E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.08 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0086.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 82% (61-152) Conc.: 24.90029
%SSR(DCB) : 116% (48-164) Conc.: 31.1377

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**148.84**	
3.23	3.25	3.27	3639.18	10.983102			1
+ 3.45	3.47	3.49	5104.673	15.050957			2
3.45	3.48	3.49	8775.804	25.875163			2
3.56	3.58	3.60	20118.89	49.760927			3
3.74	3.77	3.78	85601.54	216.253246			4
3.78	3.81	3.82	56232.96	121.046026			5
3.91	3.93	3.95	231713.7	813.145284			6
Height Summation:			**406082.074**				
Amount Avg CF:			**206.177291**	Linear:			
Aroclor-1221					**1**		
3.23	3.25	3.27	3639.18	8.514371			3
Height Summation:			**3639.18**				
Amount Avg CF:			**8.514371**	Linear:			
Aroclor-1232					**6**	**159.35**	
3.23	3.25	3.27	3639.18	9.361796			1
+ 3.45	3.47	3.49	5104.673	31.447738			2
3.45	3.48	3.49	8775.804	54.064029			2
3.56	3.58	3.60	20118.89	103.438472			3
3.74	3.77	3.78	85601.54	469.162545			4
3.78	3.81	3.82	56232.96	246.970315			5
3.91	3.93	3.95	231713.7	2021.580834			6
Height Summation:			**406082.074**				
Amount Avg CF:			**484.096332**	Linear:			
Aroclor-1242					**6**	**154.63**	
3.23	3.25	3.27	3639.18	8.202714			1
+ 3.45	3.47	3.49	5104.673	11.445218			2
3.45	3.48	3.49	8775.804	19.676282			2
3.56	3.58	3.60	20118.89	37.843367			3
3.74	3.77	3.78	85601.54	146.128289			4
3.78	3.81	3.82	56232.96	87.508977			5
3.91	3.93	3.95	231713.7	638.866041			6
Height Summation:			**406082.074**				
Amount Avg CF:			**156.370945**	Linear:			
Aroclor-1248					**6**	**122.31**	
3.78	3.81	3.82	56232.96	245.54995			1
+ 3.84	3.84	3.88	2483.512	10.194359			2
3.84	3.86	3.88	25344.47	104.034379			2
3.91	3.93	3.95	231713.7	571.228337			3
4.03	4.06	4.07	117305.5	256.102977			4
4.12	4.15	4.16	134567.6	339.332882			5
4.30	4.31	4.34	862824.8	2036.941903			6
+ 4.30	4.33	4.34	73576.67	173.698533			6
Height Summation:			**1427989.03**				
Amount Avg CF:			**592.198405**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0086.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 81% (61-152) Conc.: 24.49218
%SSR(DCB) : 104% (48-164) Conc.: 27.91702

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**130.92**	
2.92	2.95	2.96	32003.82	94.41404			1
3.12	3.15	3.16	11500.37	26.67654			2
3.25	3.26	3.29	32295.66	75.790658			3
+ 3.40	3.42	3.44	51491.85	112.748396			4
* 3.40	3.44	3.44	71365.66	156.264801			4
* 3.44	3.44	3.48	71365.66	166.374817			5
+ 3.44	3.46	3.48	7453.541	17.376446			5
+ 3.44	3.47	3.48	41765.64	97.368268			5
3.57	3.59	3.61	280788	794.730982			6
+ 3.57	3.61	3.61	239154.9	676.894342			6
Height Summation:			**499319.17**				
Amount Avg CF:			**219.041973**	Linear:			
Aroclor-1221					**3**	**41.17**	
2.80	2.82	2.84	5469.616	29.62438			1
2.86	2.87	2.90	5605.924	48.405088			2
2.92	2.95	2.96	32003.82	70.300797			3
Height Summation:			**43079.36**				
Amount Avg CF:			**49.443422**	Linear:			
Aroclor-1232					**6**	**148.48**	
2.92	2.95	2.96	32003.82	77.171735			1
3.12	3.15	3.16	11500.37	52.836722			2
3.25	3.26	3.29	32295.66	153.408441			3
+ 3.40	3.42	3.44	51491.85	245.002112			4
* 3.44	3.44	3.48	71365.66	333.446798			5
* 3.40	3.44	3.44	71365.66	339.563201			4
+ 3.44	3.46	3.48	7453.541	34.825704			5
+ 3.44	3.47	3.48	41765.64	195.14454			5
3.57	3.59	3.61	280788	1890.251253			6
+ 3.57	3.61	3.61	239154.9	1609.979235			6
Height Summation:			**499319.17**				
Amount Avg CF:			**474.446358**	Linear:			
Aroclor-1242					**6**	**134.86**	
2.92	2.95	2.96	32003.82	68.273753			1
3.12	3.15	3.16	11500.37	30.21051			2
3.25	3.26	3.29	32295.66	57.983547			3
+ 3.40	3.42	3.44	51491.85	77.649124			4
* 3.40	3.44	3.44	71365.66	107.618603			4
* 3.44	3.44	3.48	71365.66	120.202999			5
+ 3.44	3.46	3.48	7453.541	12.554189			5
+ 3.44	3.47	3.48	41765.64	70.346931			5
3.57	3.59	3.61	280788	628.70816			6
+ 3.57	3.61	3.61	239154.9	535.488116			6
Height Summation:			**499319.17**				
Amount Avg CF:			**168.832929**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202644** ACF DF20 -107E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.08 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0086.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	67.00	
4.29	4.31	4.32	862824.8	1889.07638			1
4.63	4.65	4.67	352819.5	728.37274			2
+ 4.63	4.67	4.67	147482.6	304.468164			2
4.69	4.72	4.73	2524469	2463.45424			3
4.91	4.93	4.95	1143000	1824.620782			4
5.11	5.13	5.15	1007329	2810.418833			5
5.23	5.25	5.27	2741367	5822.17867			6
Height Summation:			**8631809.3**				
Amount Avg CF:			**2589.686941**	Linear:			
Aroclor-1260					6	24.38	
4.82	4.84	4.86	2121452	2892.072281			1
5.02	5.04	5.06	2266181	3147.308039			2
5.23	5.25	5.27	2741367	4012.358402			3
5.45	5.47	5.49	848390.8	2144.299865			4
5.69	5.71	5.73	2255200	2327.559671			5
5.89	5.91	5.93	1546653	2440.912176			6
Height Summation:			**11779243.8**				
Amount Avg CF:			**2827.418406**	Linear:			
Aroclor-1262					6	33.78	
5.29	5.31	5.33	750420.4	1278.409453			1
5.45	5.47	5.49	848390.8	1625.799976			2
5.69	5.71	5.73	2255200	1969.611044			3
5.89	5.91	5.93	1546653	1979.084592			4
5.95	5.96	5.99	253980.9	645.900017			5
6.31	6.33	6.35	491849.5	1394.948992			6
Height Summation:			**6146494.6**				
Amount Avg CF:			**1482.292346**	Linear:			
Aroclor-1268					6	96.26	
5.89	5.91	5.93	1546653	1103.236066			1
5.95	5.96	5.99	253980.9	209.507495			2
6.08	6.10	6.12	19324.61	16.610647			3
+ 6.14	6.15	6.18	47141.79	154.336385			4
6.14	6.18	6.18	341290.7	1117.343508			4
6.31	6.33	6.35	491849.5	1371.927846			5
6.51	6.53	6.55	89932.29	38.112316			6
Height Summation:			**2743031**				
Amount Avg CF:			**642.789646**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0086.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	102.05	
3.44	3.44	3.48	71365.66	363.259733			1
+ 3.44	3.46	3.48	7453.541	37.939414			1
+ 3.44	3.47	3.48	41765.64	212.592096			1
3.51	3.53	3.55	27571.23	102.374323			2
3.55	3.57	3.59	254656.2	549.104092			3
3.67	3.69	3.71	130985.7	234.908982			4
+ 3.76	3.77	3.80	23488.85	60.920413			5
3.76	3.78	3.80	107325.8	278.35897			5
3.90	3.92	3.94	1118137	1524.517321			6
Height Summation:			**1710041.59**				
Amount Avg CF:			**508.753904**	Linear:			
Aroclor-1254					6	66.22	
4.20	4.22	4.24	558421	960.067856			1
+ 4.26	4.26	4.30	202887	197.27629			2
4.26	4.28	4.30	2441250	2373.738794			2
4.35	4.37	4.39	2292174	4744.93662			3
4.42	4.44	4.46	864486.9	1360.895552			4
4.64	4.66	4.68	641554.2	1434.52752			5
4.72	4.74	4.76	3368325	4753.570983			6
Height Summation:			**10166211.1**				
Amount Avg CF:			**2604.622887**	Linear:			
Aroclor-1260					6	23.12	
4.35	4.37	4.39	2292174	3051.62011			1
4.49	4.51	4.53	2531502	2937.980787			2
4.60	4.61	4.64	1784501	2561.28611			3
4.72	4.74	4.76	3368325	4006.28535			4
5.14	5.16	5.18	2369935	2183.256833			5
5.40	5.42	5.44	1507564	2345.225711			6
Height Summation:			**13854001**				
Amount Avg CF:			**2847.60915**	Linear:			
Aroclor-1262					6	31.73	
4.76	4.77	4.80	726906.4	884.224819			1
4.95	4.96	4.99	995953.2	1301.88301			2
5.14	5.16	5.18	2369935	1678.967195			3
5.36	5.37	5.40	386443.8	756.953884			4
5.40	5.42	5.44	1507564	1750.611825			5
5.78	5.80	5.82	459849.3	1247.673			6
Height Summation:			**6446651.7**				
Amount Avg CF:			**1270.052289**	Linear:			
Aroclor-1268					6	107.02	
5.36	5.37	5.40	386443.8	264.19935			1
5.40	5.42	5.44	1507564	1074.961829			2
5.56	5.57	5.60	59423.89	50.681342			3
+ 5.62	5.64	5.66	9269.857	32.477556			4
5.62	5.66	5.66	75180.89	263.401215			4
5.78	5.80	5.82	459849.3	1144.036663			5
5.98	6.00	6.02	87809.89	31.74355			6
Height Summation:			**2576271.77**				
Amount Avg CF:			**471.503991**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202644 ACF DF20 -107E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.08 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0086.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 08:49:30
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0086.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1011.9048	196.4286		6.05	4	40	
Aroclor-1221			1011.9048	303.5714		** 141.24	3	40	
Aroclor-1232			1011.9048	244.0476		2.01	4	40	
Aroclor-1242			1011.9048	244.0476		7.66	4	40	
Aroclor-1248			1011.9048	196.4286		15.16	4	40	
Aroclor-1254			1011.9048	261.9048		0.58	4	40	
Aroclor-1260			1011.9048	232.1429		0.71	4	40	
Aroclor-1262			1011.9048	196.4286		15.42	4	40	
Aroclor-1268			1011.9048	196.4286		30.74	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:49:30 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0086.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.64		54657	57993
1.705		4783	3103
1.747		43648	37632
2.068		5044	3305
2.112		13656	16120
2.15		14858	29040
2.202		21797	22335
2.27		36339	23132
2.381		8732	10990
2.436		8015	8314
2.518		3550	3409
2.549		7287	5899
2.633		4499	5276
2.67		3306	2002
2.7		5950	3384
2.72		18417	11539
2.807		6284	5289
2.839		2972	1747
2.873		6739	3887
2.917		1563	865
2.946		3243	2922
2.999	TCX	475012	319422
3.178		1840	732
3.252		3639	4665
3.303		11796	6618
3.32		25072	13953
3.468		5105	2838
3.485		8776	5104
3.537		5151	4012
3.583		20119	12238
3.61		3247	1973
3.657		15414	9230
3.691		4933	8838
3.772		85602	101533
3.807		56233	54541
3.84		2484	1136
3.86		25344	17524
3.882		1670	595
3.901		27497	20049
3.929		231714	167020
3.956		216077	150224
3.979		202286	131668
4.055		117306	79573
4.08		100228	69652
4.112		183777	134348
4.145		134568	126894
4.19		33026	30853
4.22		21985	14879
4.251		4425	2118
4.272		61628	44003
4.308		862825	635966
4.326		73577	35645
4.352		560958	498595

RT A	Compound A	Height A	Area A
4.421		404790	340243
4.463		1285015	1316711
4.498		718262	598367
4.539		112116	80172
4.562		118219	84180
4.604		467648	422849
4.655		352820	242930
4.672		147483	76074
4.686		76348	41447
4.717		2524469	2217521
4.765		573630	410233
4.779		49804	36665
4.802		229095	155255
4.843		2121452	1956993
4.889		171523	153975
4.93		1143000	1074572
4.962		44493	29103
4.99		542495	501105
5.042		2266181	3074430
5.093		281082	246968
5.131		1007329	1043439
5.175		147775	106453
5.2		44838	33513
5.212		144959	97362
5.246		2741367	2448075
5.268		121468	61720
5.287		94128	47818
5.311		750420	642954
5.354		514143	516869
5.425		5915	3439
5.45		550523	449822
5.473		848391	669632
5.529		556431	511935
5.567		378467	363423
5.609		48412	54860
5.648		395159	374407
5.681		61592	53200
5.707		2255200	2141473
5.793		10045	11798
5.85		1847	1354
5.867		3011	2321
5.91		1546653	1446126
5.94		139511	94460
5.964		253981	280207
6.076		50624	42826
6.1		19325	14166
6.13		6165	4005
6.151		47142	34112
6.179		341291	314541
6.243		20707	19845
6.28		2114	1189
6.305		16976	12442
6.333		491850	490507
6.378		34500	31589
6.496		1832	517
6.533		89932	84154
6.619		1614	1713
6.647		6709	5013
6.68	DCB	211828	210131
6.715		6004	4258
6.797		1892	969
6.848		977	805
6.936		3278	2938
7.009		1720	1145
7.057		1753	639
7.153		1790	1092

RT A	Compound A	Height A	Area A
7.181		1069	412
7.197		1979	559
7.229		1223	489
7.293		1691	1028
7.382		1502	1053
7.412		1549	869
7.452		1626	1202
7.508		2232	2458
7.531		1807	637
7.722		2010	1303
7.735		1405	451
7.812		1418	867
7.853		1019	594
7.982		1868	612
8.026		1140	543
8.052		1953	690
8.088		3466	4343
8.356		1275	425
8.438		1652	652

LANCASTER LABORATORIES

Sample Number: 9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:49:30 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0086.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		40907	45375
1.614		5841	4453
1.713		2932	2805
1.742		2342	3580
1.833		7924	6546
1.864		2766	2498
1.91		21335	20920
1.941		3689	2587
1.966		4611	5627
1.994		35846	24453
2.03		9758	13931
2.148		3403	5187
2.197		2173	4497
2.268		8146	8804
2.326		1957	1630
2.346		8717	11392
2.401		18709	11353
2.528		3376	6681
2.652	TCX	479718	296534
2.741		3983	12083
2.819		5470	3108
2.847		2388	1793
2.868		5606	4220
2.948		32004	35991
3.047		3151	1874
3.104		1842	1508
3.154		11500	15361
3.196		1573	1527
3.217		6457	3713
3.263		32296	28884
3.303		15236	12921
3.362		8511	10660
3.422		51492	30969
3.442		71366	38340
3.457		7454	2556
3.473		41766	22785
3.531		27571	20697
3.565		254656	155911
3.588		280788	152667
3.606		239155	133083
3.692		130986	78456
3.714		104119	56919
3.735		194045	135015
3.766		23489	11638
3.783		107326	71550
3.822		49377	38529
3.865		65920	48059
3.895		53453	30323
3.917		1118137	721891
3.942		292390	170999
3.961		306415	171755
3.981		384295	231089
4.017		1272028	899537
4.049		651768	408810

4.067		267516	141281
4.089		119742	73052
4.128		139406	109024
4.162		415002	300364
4.183		39298	23667
4.22		558421	412874
4.261		202887	204363
4.28		2441250	2058563
4.319		415732	392458
4.373		2292174	1883852
4.41		182826	163289
4.442		864487	596192
4.467		697141	497742
4.51		2531502	2079596
4.611		1784501	1879785
4.664		641554	549546
4.704		692755	609314
4.742		3368325	2844237
4.774		726906	498043
4.813		605924	462138
4.873		25838	33385
4.912		137255	90523
4.93		99642	65206
4.964		995953	754366
4.988		681392	478281
5.039		685799	604594
5.075		339952	268682
5.104		227717	179853
5.136		256299	161688
5.158		2369935	1919362
5.199		52745	35023
5.23		82157	66004
5.271		5183	3560
5.296		9103	5939
5.327		3949	2338
5.35		17130	9948
5.373		386444	329837
5.417		1507564	1638822
5.572		59424	48189
5.618		48345	42836
5.642		9270	4851
5.664		75181	54576
5.69		218930	178546
5.729		5049	6031
5.771		16134	10370
5.798		459849	379515
5.829		25588	18952
5.879		2325	2038
5.939		2032	829
5.998		87810	75210
6.156	DCB	224144	196105
6.193		11213	11100
6.242		2177	2200
6.284		2408	4402
6.36		14487	12617
6.465		2467	3141
6.525		2285	1859
6.6		3538	2843
6.63		3706	5771
6.761		2637	2555
6.886		2022	5134
7.121		1419	1837
7.261		1937	1328
7.622		9529	15924
8.19		3950	7329
8.294		7876	16312
8.432		1638	3668

8.511	5331	10668

9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082

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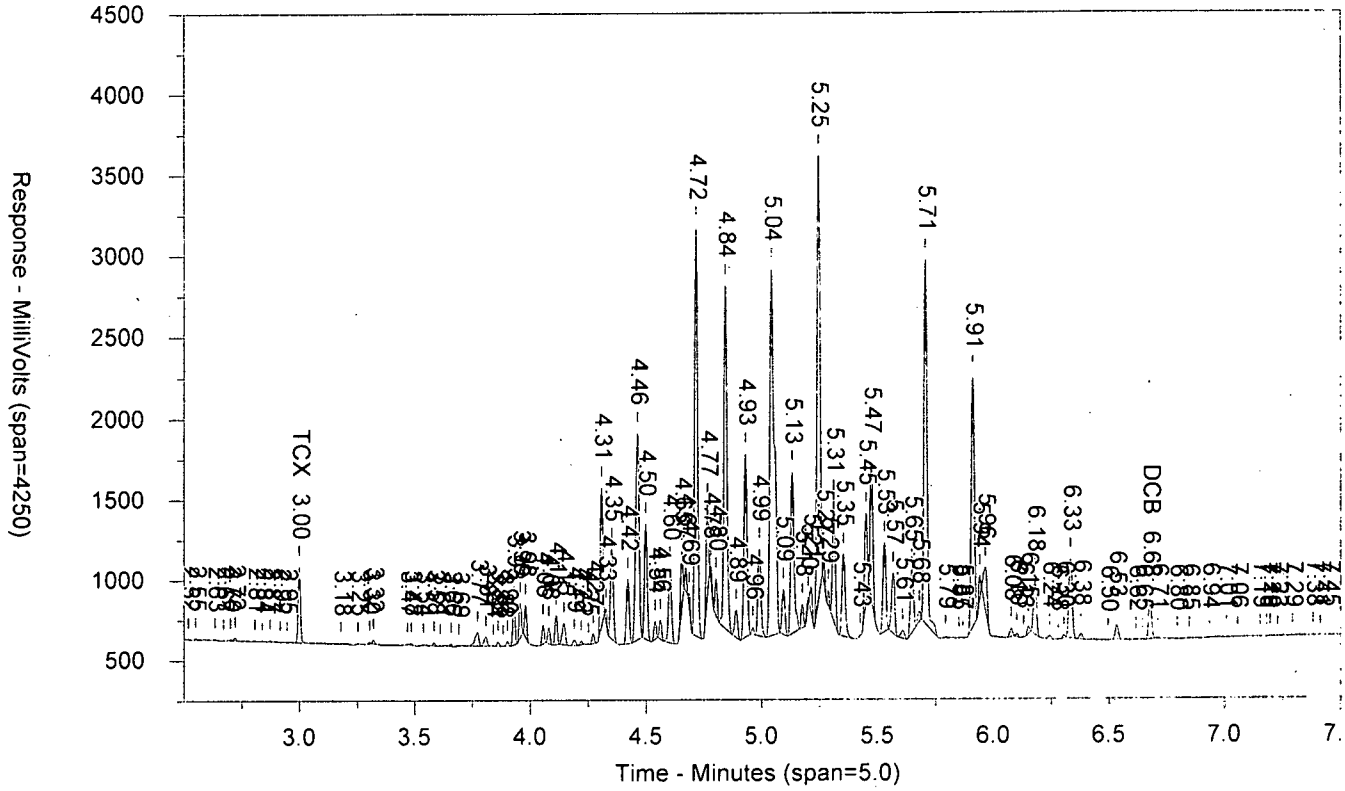

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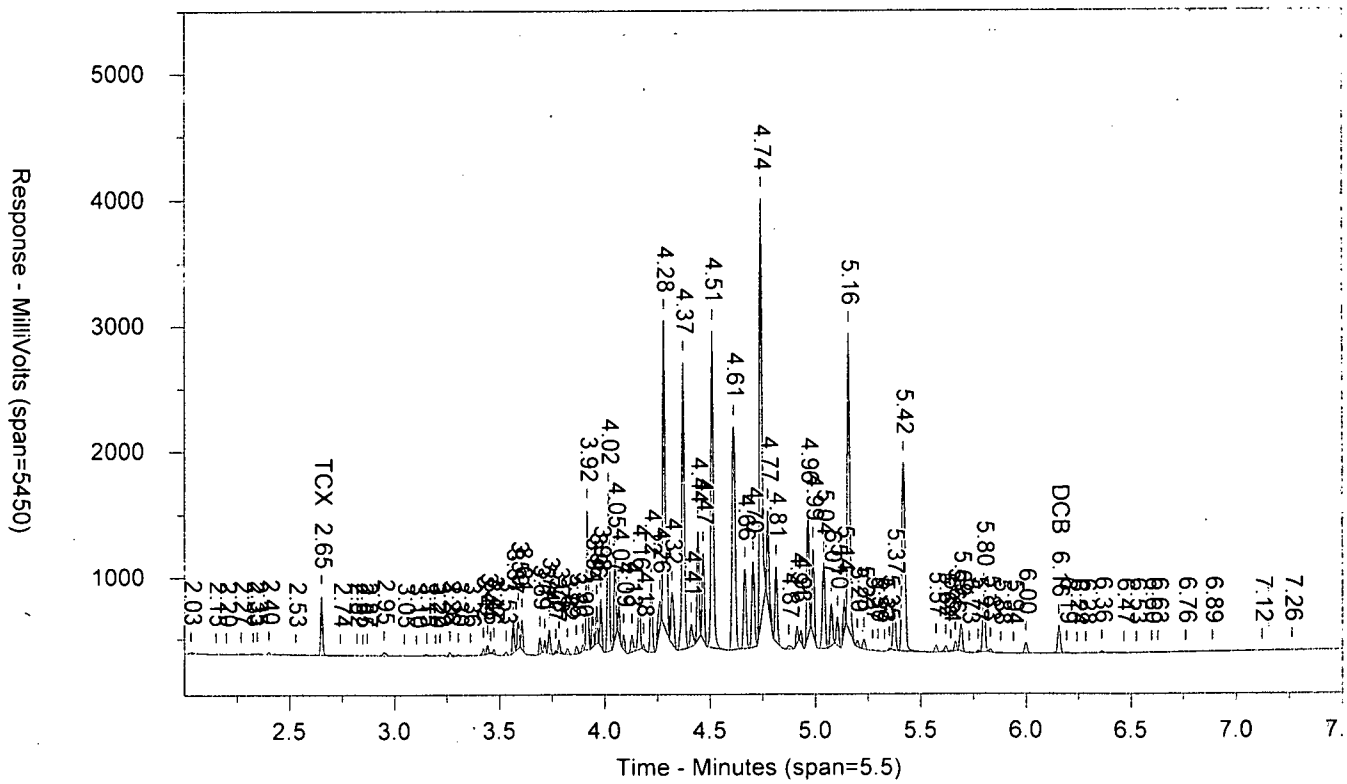

LANCASTER LABORATORIES

Sample Number: 9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:49:30 AM
Sample Weight: 10.08
Instrument ID: CP7-19843A
Dilution Factor: 200
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	475012	24.9	TCX	2.652	479718	24.492	TCX
6.68	211828	31.138	DCB	6.156	224144	27.917	DCB

Files:
Area File: 07pcbs17250008.0086.RAW
Area File: 07pcbs17250008B.0086.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:03:58 AM

9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082

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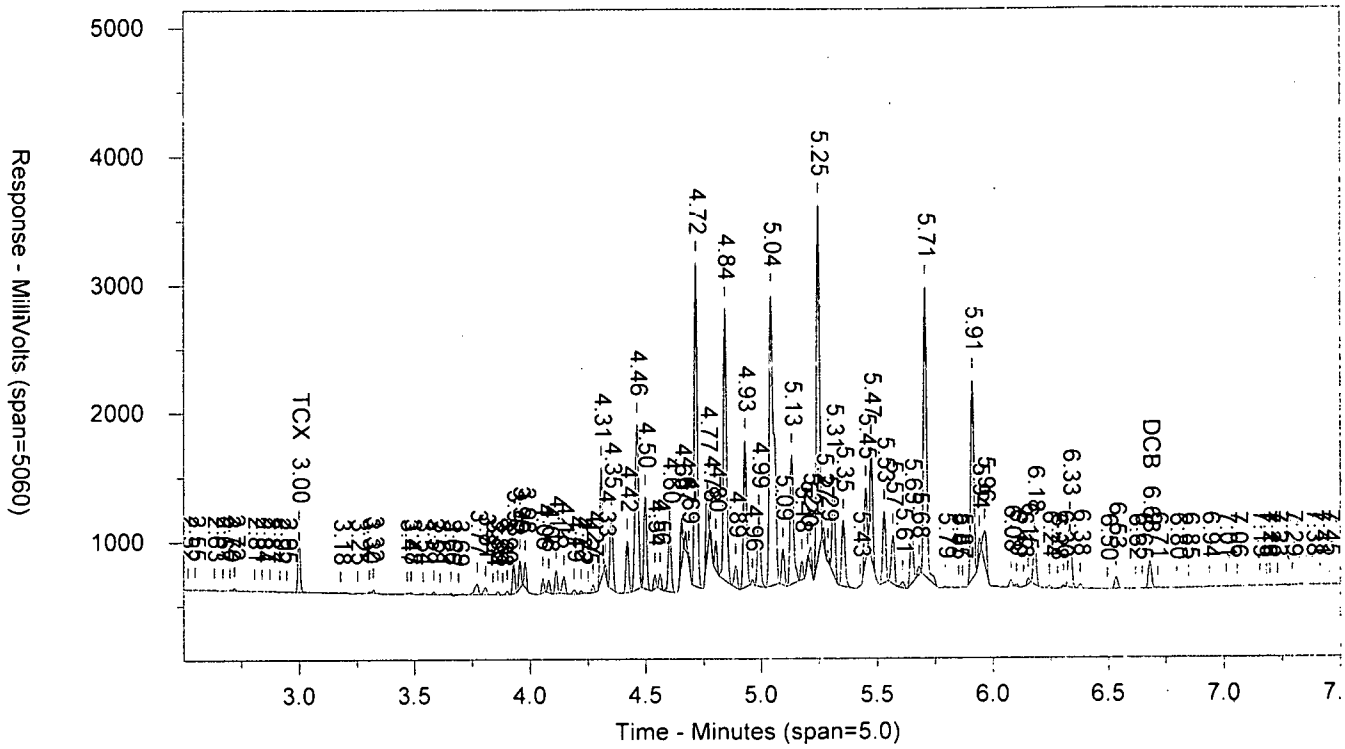

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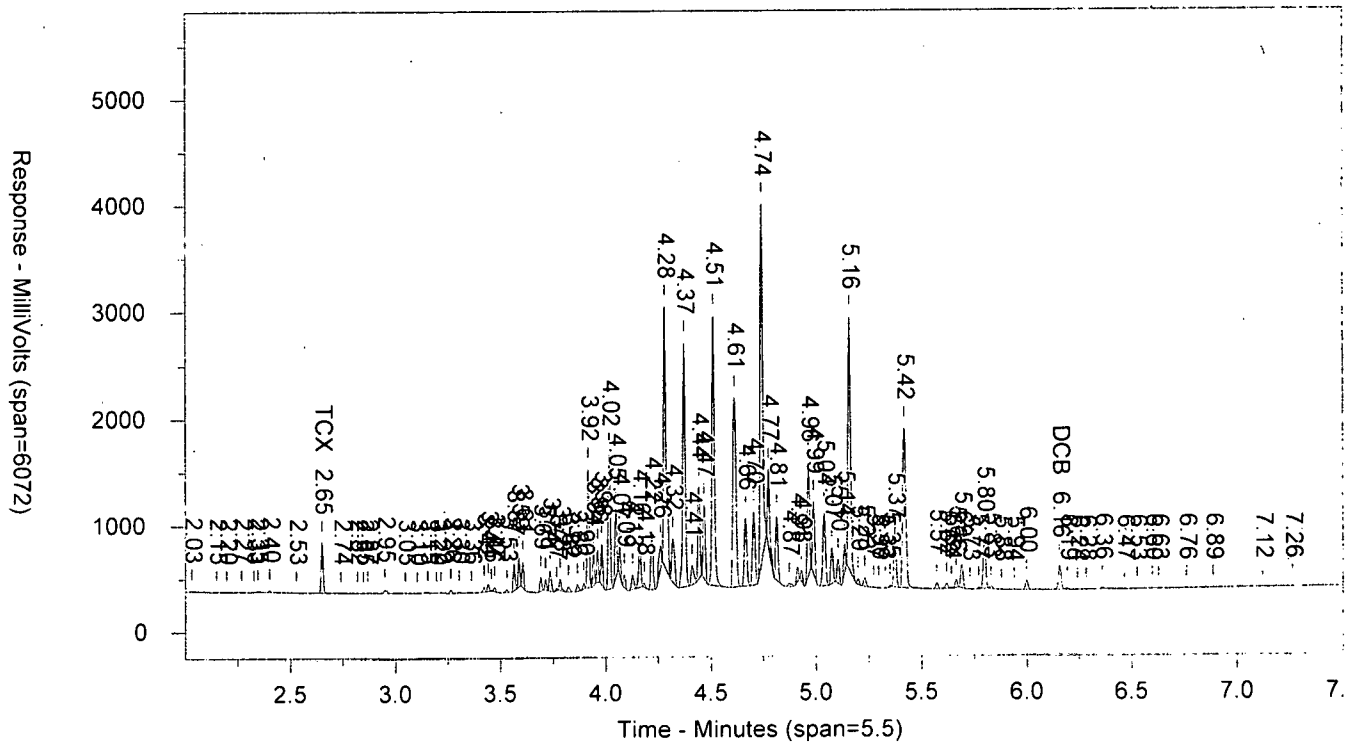

9202644 ACF DF20 AC-107E T 172560012A 10225 SW-846 8082

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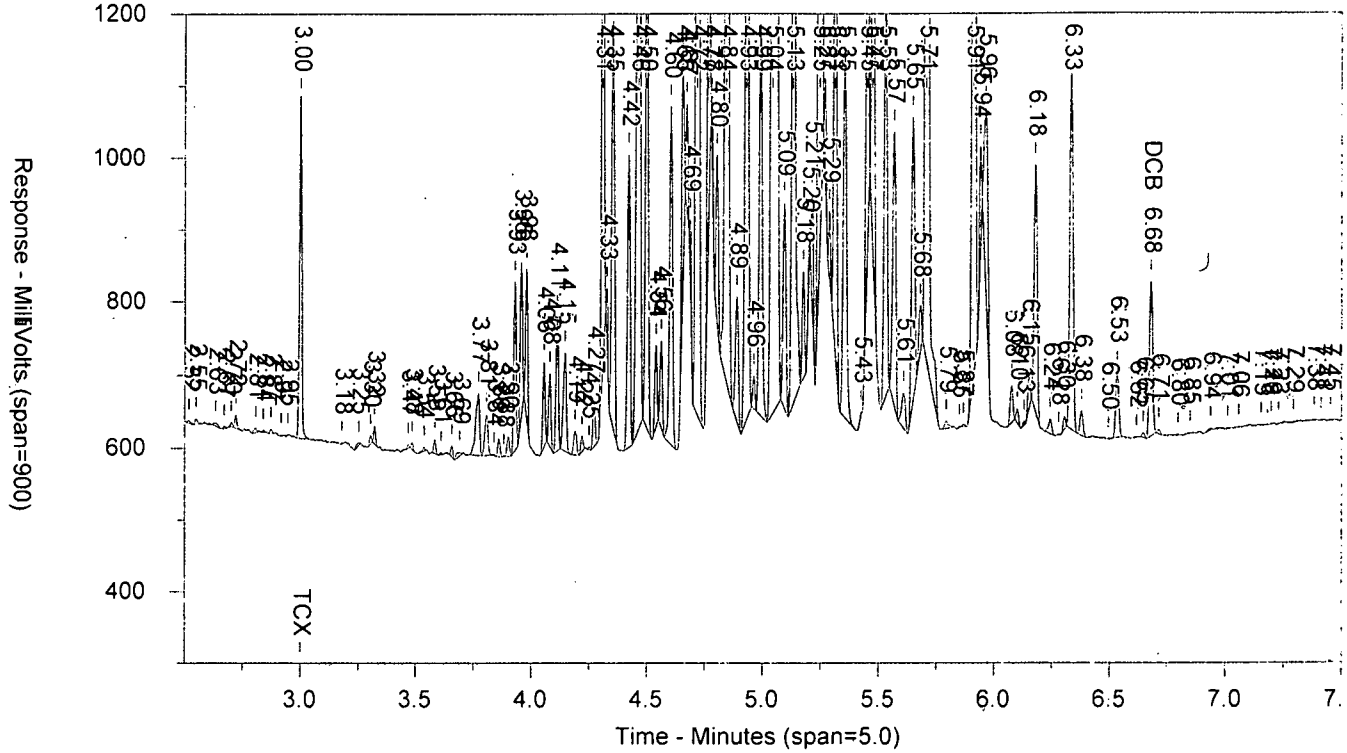

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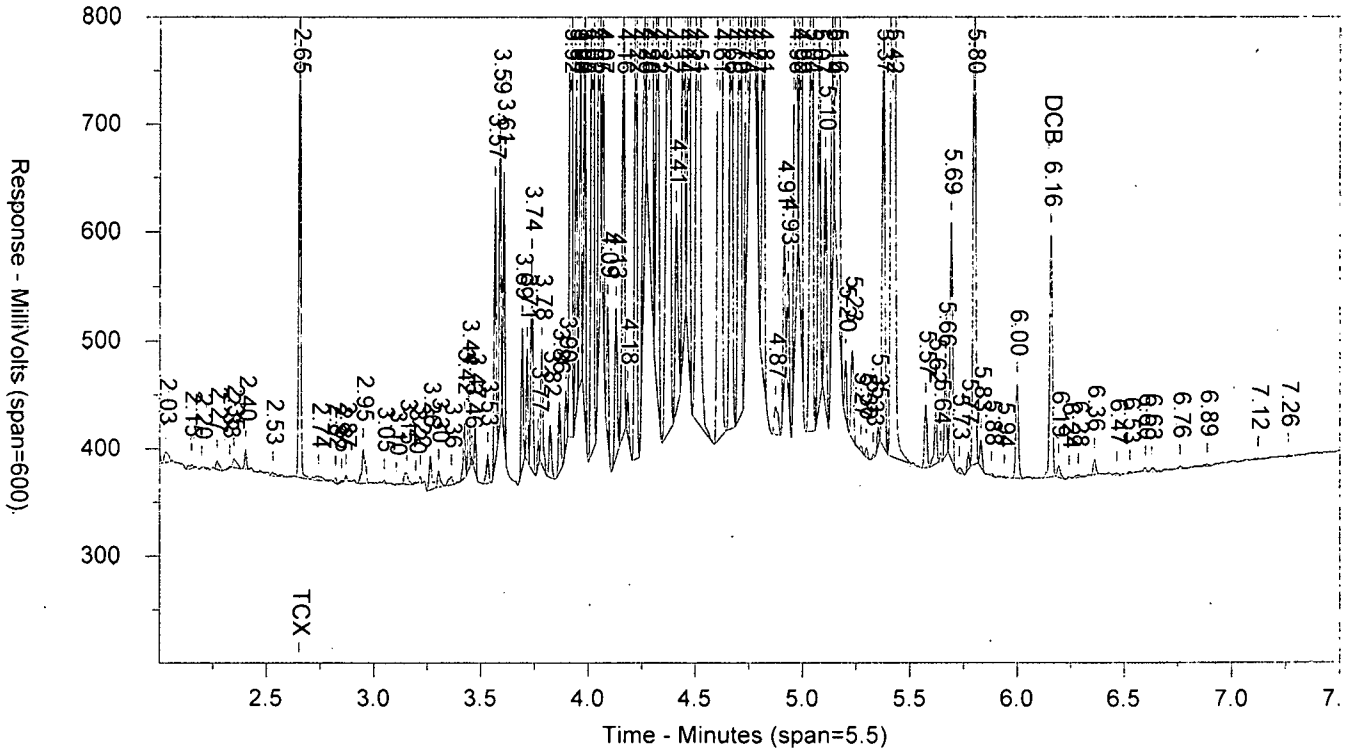

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Data Summary

Sample Name: 9202645 ACF DF20 -108W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.4 g Total Volume: 200 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:00:59
Instrument	19843A
Result file	07PCBS17250008.0087.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) * 59% (61 - 152) Conc: 17.47102
%SSR(DCB) 114% (48 - 164) Conc: 29.72891

Analysis Report (B)

Injected on	Sep 18, 2017 09:00:59
Instrument	19843B
Result file	07PCBS17250008B.0087.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 67% (61 - 152) Conc: 19.55328
%SSR(DCB) 90% (48 - 164) Conc: 23.44506

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	343867	17.47102	Tetrachloro-m-xylene	2.62	2.65	2.68	395140	19.55328
Decachlorobiphenyl	6.65	6.68	6.71	208664	29.72891	Decachlorobiphenyl	6.13	6.16	6.19	194215	23.44506

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	19.55328				11.25	
☑	Tetrachloro-m-xylene-D1	A	17.47102					
☑	Tetrachloro-m-xylene-D2	B	19.55328					
☐	Decachlorobiphenyl	A	29.72891				23.64	
☑	Decachlorobiphenyl-D1	A	29.72891					
☑	Decachlorobiphenyl-D2	B	23.44506					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.99**	
4.82	4.84	4.86	2656486	3510.028618			1
5.02	5.04	5.06	2716719	3656.929349			2
5.23	5.25	5.27	3225647	4575.900474			3
5.45	5.47	5.49	1485696	3639.541826			4
5.69	5.70	5.73	4013034	4014.35516			5
5.89	5.91	5.93	2507912	3836.178012			6

Height summation: **16605494**
Concentration CF: **3872.155573** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.76**	
4.35	4.37	4.39	2807968	3623.282807			1
4.49	4.51	4.53	3191525	3590.013817			2
4.60	4.61	4.64	2251212	3131.734138			3
4.72	4.74	4.76	3662710	4222.382931			4
5.14	5.16	5.18	4356552	3889.900461			5
5.40	5.42	5.44	2496121	3763.584884			6

Height summation: **18766088**
Concentration CF: **3703.483173** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<980.7692	<190.3846	D1		4	
☑	PCB-1221			<980.7692	<294.2308	D1		3	
☑	PCB-1232			<980.7692	<236.5385	D1		4	
☑	PCB-1242			<980.7692	<236.5385	D1		4	
☑	PCB-1248			<980.7692	<190.3846	D1		4	
☑	PCB-1254			<980.7692	<253.8461	D1		4	
☑	PCB-1260	A	3872.155573	980.7692	225	D1	4.45	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:41

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202645** ACF DF20 -108W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.4 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0087.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : *59% (61-152) Conc.: 17.47102
%SSR(DCB) : 114% (48-164) Conc.: 29.72891

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**141.49**	
3.23	3.24	3.27	8174.776	23.912476			1
+ 3.23	3.26	3.27	7137.318	20.877752			1
3.45	3.48	3.49	14960.74	42.75397			2
+ 3.74	3.74	3.78	5952.692	14.57544			4
3.74	3.77	3.78	45560.04	111.555849			4
3.78	3.81	3.82	31632.09	65.995553			5
3.91	3.93	3.95	168419	572.841815			6
Height Summation:			**268746.646**				
Amount Avg CF:			**163.411933**	Linear:			
Aroclor-1221					**3**	**62.69**	
+ 3.13	3.14	3.17	4300.15	27.167486			1
3.13	3.16	3.17	10447.1	66.002683			1
+ 3.18	3.18	3.22	11606.02	80.1615			2
3.18	3.21	3.22	13096.73	90.45767			2
3.23	3.24	3.27	8174.776	18.53754			3
+ 3.23	3.26	3.27	7137.318	16.184947			3
Height Summation:			**31718.606**				
Amount Avg CF:			**58.332631**	Linear:			
Aroclor-1232					**5**	**153.90**	
3.23	3.24	3.27	8174.776	20.382557			1
+ 3.23	3.26	3.27	7137.318	17.795814			1
3.45	3.48	3.49	14960.74	89.33091			2
+ 3.74	3.74	3.78	5952.692	31.621492			4
3.74	3.77	3.78	45560.04	242.020997			4
3.78	3.81	3.82	31632.09	134.650785			5
3.91	3.93	3.95	168419	1424.15637			6
Height Summation:			**268746.646**				
Amount Avg CF:			**382.108324**	Linear:			
Aroclor-1242					**6**	**144.89**	
3.23	3.24	3.27	8174.776	17.858999			1
+ 3.23	3.26	3.27	7137.318	15.592519			1
3.45	3.48	3.49	14960.74	32.511454			2
3.56	3.56	3.60	34430.49	62.770581			3
+ 3.74	3.74	3.78	5952.692	9.849027			4
3.74	3.77	3.78	45560.04	75.381367			4
3.78	3.81	3.82	31632.09	47.710805			5
3.91	3.93	3.95	168419	450.066169			6
Height Summation:			**303177.136**				
Amount Avg CF:			**114.383229**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0087.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 67% (61-152) Conc.: 19.55328
%SSR(DCB) : 90% (48-164) Conc.: 23.44506

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**102.83**	
2.92	2.95	2.96	88965.34	254.379904			1
3.12	3.15	3.16	10608.21	23.849924			2
3.25	3.26	3.29	32250.56	73.356055			3
+ 3.40	3.42	3.44	32965.02	69.960421			4
* 3.44	3.44	3.48	44646.86	100.882635			5
* 3.40	3.44	3.44	44646.86	94.75235			4
+ 3.44	3.47	3.48	23400.65	52.87537			5
3.57	3.59	3.61	186453.1	511.491477			6
+ 3.57	3.61	3.61	165930	455.191042			6
Height Summation:			**407570.93**				
Amount Avg CF:			**176.452058**	Linear:			
Aroclor-1221					**2**	**59.29**	
2.86	2.87	2.90	9261.169	77.506265			2
2.92	2.95	2.96	88965.34	189.411553			3
Height Summation:			**98226.509**				
Amount Avg CF:			**133.458909**	Linear:			
Aroclor-1232					**6**	**128.61**	
2.92	2.95	2.96	88965.34	207.923933			1
3.12	3.15	3.16	10608.21	47.238202			2
3.25	3.26	3.29	32250.56	148.480542			3
+ 3.40	3.42	3.44	32965.02	152.0239			4
* 3.40	3.44	3.44	44646.86	205.896728			4
* 3.44	3.44	3.48	44646.86	202.188001			5
+ 3.44	3.47	3.48	23400.65	105.972304			5
3.57	3.59	3.61	186453.1	1216.571932			6
+ 3.57	3.61	3.61	165930	1082.662507			6
Height Summation:			**407570.93**				
Amount Avg CF:			**338.04989**	Linear:			
Aroclor-1242					**6**	**105.67**	
2.92	2.95	2.96	88965.34	183.950086			1
3.12	3.15	3.16	10608.21	27.009438			2
3.25	3.26	3.29	32250.56	56.120957			3
+ 3.40	3.42	3.44	32965.02	48.18131			4
* 3.44	3.44	3.48	44646.86	72.886002			5
* 3.40	3.44	3.44	44646.86	65.255358			4
+ 3.44	3.47	3.48	23400.65	38.201563			5
3.57	3.59	3.61	186453.1	404.638642			6
+ 3.57	3.61	3.61	165930	360.099617			6
Height Summation:			**407570.93**				
Amount Avg CF:			**134.976747**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202645** ACF DF20 -108W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.4 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0087.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	127.99	
3.78	3.81	3.82	31632.09	133.876388			1
+ 3.84	3.84	3.88	1289.102	5.12871			2
3.84	3.86	3.88	25286.16	100.601334			2
3.91	3.93	3.95	168419	402.41699			3
4.03	4.05	4.07	74547.8	157.745971			4
4.12	4.14	4.16	91680.14	224.072159			5
4.30	4.31	4.34	649283.8	1485.654364			6
+ 4.30	4.32	4.34	59194.94	135.446504			6
Height Summation:			**1040848.99**				
Amount Avg CF:			**417.394534**	Linear:			
Aroclor-1254					6	90.22	
4.29	4.31	4.32	649283.8	1377.807861			1
+ 4.29	4.32	4.32	59194.94	125.614182			1
+ 4.63	4.65	4.67	210125.9	420.443732			2
4.63	4.67	4.67	268380	537.005143			2
4.69	4.72	4.73	1730224	1636.454678			3
4.91	4.93	4.95	881622.6	1364.068859			4
5.11	5.13	5.15	1215595	3287.121886			5
5.23	5.25	5.27	3225647	6639.912856			6
Height Summation:			**7970752.4**				
Amount Avg CF:			**2473.728547**	Linear:			
Aroclor-1260					6	9.99	
4.82	4.84	4.86	2656486	3510.028618			1
5.02	5.04	5.06	2716719	3656.929349			2
5.23	5.25	5.27	3225647	4575.900474			3
5.45	5.47	5.49	1485696	3639.541826			4
5.69	5.70	5.73	4013034	4014.35516			5
5.89	5.91	5.93	2507912	3836.178012			6
Height Summation:			**16605494**				
Amount Avg CF:			**3872.155573**	Linear:			
Aroclor-1262					6	32.70	
5.29	5.31	5.33	1279762	2113.108247			1
5.45	5.47	5.49	1485696	2759.486727			2
5.69	5.70	5.73	4013034	3396.999164			3
5.89	5.91	5.93	2507912	3110.36213			4
5.95	5.97	5.99	459596.8	1132.839614			5
6.31	6.33	6.35	855853.6	2352.625325			6
Height Summation:			**10601854.4**				
Amount Avg CF:			**2477.570201**	Linear:			
Aroclor-1268					6	96.81	
5.89	5.91	5.93	2507912	1733.864078			1
5.95	5.97	5.99	459596.8	367.453759			2
6.08	6.10	6.12	32843.34	27.362156			3
+ 6.14	6.15	6.18	77427.67	245.688958			4
6.14	6.18	6.18	492382.5	1562.399379			4
6.31	6.33	6.35	855853.6	2313.79944			5
6.51	6.53	6.55	161181.2	66.205072			6
Height Summation:			**4509769.44**				
Amount Avg CF:			**1011.847314**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0087.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	106.48	
3.44	3.44	3.48	44646.86	220.265301			1
+ 3.44	3.47	3.48	23400.65	115.447116			1
3.51	3.53	3.55	23576.92	84.849476			2
3.55	3.56	3.59	163306.5	341.295915			3
3.67	3.69	3.71	91683.97	159.366245			4
+ 3.76	3.77	3.80	18273.77	45.936345			5
3.76	3.78	3.80	79318.34	199.389322			5
3.90	3.92	3.94	822391.7	1086.784049			6
Height Summation:			**1224924.29**				
Amount Avg CF:			**348.658385**	Linear:			
Aroclor-1254					6	91.97	
4.20	4.22	4.24	428267.2	713.644945			1
+ 4.26	4.26	4.30	262024.1	246.938668			2
4.26	4.28	4.30	1063692	1002.452393			2
+ 4.26	4.29	4.30	460998.1	434.457201			2
4.35	4.37	4.39	2807968	5633.809797			3
4.42	4.44	4.46	673943.1	1028.292817			4
4.64	4.66	4.68	583811.2	1265.246506			5
4.72	4.74	4.76	3662710	5009.97688			6
Height Summation:			**9220391.5**				
Amount Avg CF:			**2442.237223**	Linear:			
Aroclor-1260					6	9.76	
4.35	4.37	4.39	2807968	3623.282807			1
4.49	4.51	4.53	3191525	3590.013817			2
4.60	4.61	4.64	2251212	3131.734138			3
4.72	4.74	4.76	3662710	4222.382931			4
5.14	5.16	5.18	4356552	3889.900461			5
5.40	5.42	5.44	2496121	3763.584884			6
Height Summation:			**18766088**				
Amount Avg CF:			**3703.483173**	Linear:			
Aroclor-1262					6	29.65	
4.76	4.77	4.80	1408740	1660.895267			1
4.95	4.96	4.99	1718451	2177.195229			2
5.14	5.16	5.18	4356552	2991.409515			3
5.36	5.37	5.40	683315.3	1297.273108			4
5.40	5.42	5.44	2496121	2809.356971			5
5.78	5.80	5.82	831601.9	2186.894905			6
Height Summation:			**11494781.2**				
Amount Avg CF:			**2187.170833**	Linear:			
Aroclor-1268					6	120.17	
5.36	5.37	5.40	683315.3	452.786781			1
5.40	5.42	5.44	2496121	1725.083463			2
5.56	5.57	5.60	64324.47	53.172911			3
+ 5.62	5.64	5.66	16468.48	55.923072			4
5.62	5.66	5.66	42917.34	145.73716			4
5.78	5.80	5.82	831601.9	2005.243321			5
5.98	6.00	6.02	156465.8	54.822479			6
Height Summation:			**4274745.81**				
Amount Avg CF:			**739.474352**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202645 ACF DF20 -108W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.4 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0087.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 09:00:59
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0087.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			980.7693	190.3846		7.67	4	40	
Aroclor-1221			980.7693	294.2308		** 78.34	3	40	
Aroclor-1232			980.7693	236.5385		12.24	4	40	
Aroclor-1242			980.7693	236.5385		16.52	4	40	
Aroclor-1248			980.7693	190.3846		17.95	4	40	
Aroclor-1254			980.7693	253.8462		1.28	4	40	
Aroclor-1260			980.7693	225		4.45	4	40	
Aroclor-1262			980.7693	190.3846		12.45	4	40	
Aroclor-1268			980.7693	190.3846		31.10	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:00:59 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0087.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.546		2923	974
1.589		3048	8239
1.64		37347	34150
1.672		4668	3684
1.687		2591	921
1.747		21489	16939
1.798		6370	9308
1.875		10609	5111
1.894		18564	14470
1.92		15910	16455
1.947		18905	22237
1.985		21897	19005
2.004		24483	28249
2.07		28875	42225
2.095		13853	9370
2.116		26286	30307
2.143		22710	27081
2.159		21542	17958
2.176		29402	32167
2.2		31384	27949
2.216		22074	26014
2.242		12167	9434
2.269		31857	17028
2.29		10801	5981
2.325		12444	6614
2.345		32633	45639
2.38		33801	25597
2.411		16300	11485
2.447		48287	52189
2.459		47011	63445
2.5		26752	30374
2.516		30700	36049
2.549		26732	30675
2.585		14410	14784
2.606		9560	4544
2.624		6158	3692
2.675		16184	14073
2.699		19634	21188
2.72		13442	5319
2.734		17056	9179
2.76		13360	9821
2.773		12793	14788
2.805		30168	25472
2.833		18900	22421
2.857		12804	5610
2.874		19845	14489
2.898		7261	5798
2.948		10335	7731
2.961		21633	11007
2.999	TCX	343867	226774
3.051		15044	12228
3.073		19207	25133
3.114		13536	16701

RT A	Compound A	Height A	Area A
3.136		4300	1932
3.164		10447	5879
3.184		11606	9823
3.208		13097	6681
3.228		6356	3501
3.242		8175	5284
3.262		7137	3881
3.304		12686	7856
3.32		67310	35179
3.366		3166	1080
3.378		5066	2338
3.396		7266	3811
3.42		13198	11351
3.443		8039	4855
3.482		14961	15267
3.512		5528	7282
3.534		5337	3010
3.559		34430	46177
3.608		17058	43912
3.632		5536	3472
3.656		14736	9251
3.678		9989	7195
3.71		10489	12153
3.742		5953	5172
3.771		45560	45179
3.806		31632	29655
3.841		1289	1286
3.859		25286	38157
3.901		39997	32502
3.928		168419	119810
3.955		138431	97975
3.978		86046	50861
4.002		10457	7067
4.022		2120	2630
4.054		74548	49159
4.079		60765	42958
4.111		100602	69425
4.145		91680	93724
4.189		22027	19504
4.219		24120	22994
4.249		14153	9414
4.271		48465	37396
4.307		649284	489989
4.325		59195	27127
4.351		362114	322809
4.42		297862	281835
4.463		959362	914722
4.498		460027	392149
4.538		64314	47238
4.561		73883	51891
4.603		334995	311124
4.654		210126	134898
4.671		268380	251310
4.716		1730225	1513668
4.765		801435	605673
4.779		99415	46174
4.801		262045	172044
4.841		2656486	2351952
4.888		127841	116576
4.929		881623	873427
4.961		37139	22554
4.989		591324	550757
5.041		2716719	3519372
5.093		459042	418354
5.131		1215595	1249399
5.174		88764	58128

RT A	Compound A	Height A	Area A
5.211		279807	368113
5.245		3225647	2838575
5.268		129833	63281
5.286		83268	39957
5.311		1279762	1132996
5.352		869403	851262
5.449		503572	390933
5.473		1485696	1217441
5.528		936736	826044
5.566		561390	546964
5.607		77818	85425
5.649		509230	496028
5.679		42220	27158
5.705		4013034	3856127
5.791		11574	10759
5.851		4181	3076
5.909		2507912	2381538
5.94		170144	118709
5.965		459597	491521
6.041		2134	474
6.075		45037	35311
6.099		32843	26071
6.15		77428	57948
6.179		492383	451290
6.241		10886	10059
6.28		2118	973
6.304		8583	5365
6.332		855854	853334
6.377		64804	57848
6.533		161181	160142
6.648		4678	3766
6.68	DCB	208664	201875
6.824		1458	451
6.847		2789	2339
6.929		6481	5948
6.986		1206	636
7.1		1703	620
7.163		1742	893
7.208		2880	4574
7.315		1640	427
7.495		1848	484
7.86		3749	6287
7.894		1827	398
7.952		1310	329
8.091		15352	25926
8.395		1633	576
8.47		1366	983
8.498		1562	825
8.614		1495	762
8.641		1841	859

LANCASTER LABORATORIES

Sample Number: 9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:00:59 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0087.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.527		19328	23153
1.566		7621	8339
1.615		13733	12304
1.683		15939	28026
1.711		10895	10882
1.749		14248	20361
1.772		14378	19203
1.804		13779	13924
1.831		12136	9074
1.875		15063	31188
1.911		28932	31265
1.939		15848	12274
1.965		15477	16112
1.993		43711	40095
2.041		20756	38941
2.061		6192	2573
2.083		13281	12554
2.105		14669	10616
2.138		21049	38138
2.204		10091	10091
2.225		6583	3562
2.246		6579	4420
2.267		11841	6701
2.328		4880	6041
2.346		14059	12521
2.401		28704	17743
2.42		6781	14183
2.466		4591	2318
2.481		4963	2932
2.498		6553	3649
2.525		10577	7224
2.574		13671	16119
2.601		5356	3530
2.63		4142	2564
2.652	TCX	395140	236031
2.713		9294	4172
2.742		14537	25757
2.798		3916	3795
2.847		5325	3143
2.87		9261	8976
2.905		4989	2523
2.948		88965	77406
2.987		5154	3053
3.029		3188	2246
3.046		3438	3203
3.112		5515	5725
3.155		10608	20431
3.218		5442	7106
3.263		32251	47862
3.304		20209	14276
3.36		6857	8774
3.392		4331	3345
3.422		32965	20173
3.442		44647	23333

3.472	23401	13594
3.531	23577	21801
3.564	163307	95494
3.587	186453	101992
3.605	165930	91217
3.69	91684	60159
3.713	65538	35496
3.734	116872	80521
3.766	18274	8831
3.782	79318	50237
3.822	29310	22123
3.865	41518	31776
3.894	34187	19325
3.915	822392	538639
3.941	205715	122621
3.96	195320	108465
3.98	247539	155493
4.016	1021934	716940
4.048	438313	272159
4.065	153304	83141
4.087	78945	48784
4.108	6428	2233
4.127	97501	76954
4.161	295202	226274
4.182	37368	21516
4.218	428267	302677
4.261	262024	205860
4.279	1063692	581499
4.293	460998	211713
4.318	483377	463549
4.371	2807968	2157980
4.409	129751	134712
4.442	673943	459969
4.466	786806	574010
4.509	3191525	2519105
4.569	2925	2481
4.612	2251213	2217058
4.664	583811	495988
4.703	814317	718586
4.74	3662710	3093906
4.773	1408740	972556
4.812	1014796	817876
4.871	5792	3346
4.883	7877	4107
4.912	253230	173279
4.929	75770	41525
4.963	1718451	1350888
4.987	524593	352046
5.038	1061692	957868
5.074	526905	425542
5.103	366231	289553
5.135	186382	111898
5.157	4356552	3459152
5.199	90891	63678
5.231	132654	106136
5.271	5555	3485
5.295	5768	3518
5.35	33848	19885
5.373	683315	569067
5.416	2496121	2739982
5.571	64324	55893
5.618	82819	65139
5.641	16468	10131
5.664	42917	28817
5.69	399387	333111
5.729	4612	4661
5.77	9141	5574

5.797		831602	698055
5.829		47108	35115
5.998		156466	141385
6.157	DCB	194215	173251
6.194		7324	7057
6.359		41676	39957
6.522		1627	2265
6.598		7276	6557
6.633		3037	3005
6.808		1185	645
7.066		3241	3605
7.622		23139	38728
8.076		1608	1461
8.191		5073	10138
8.292		8413	18012
8.518		6591	13951

9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082

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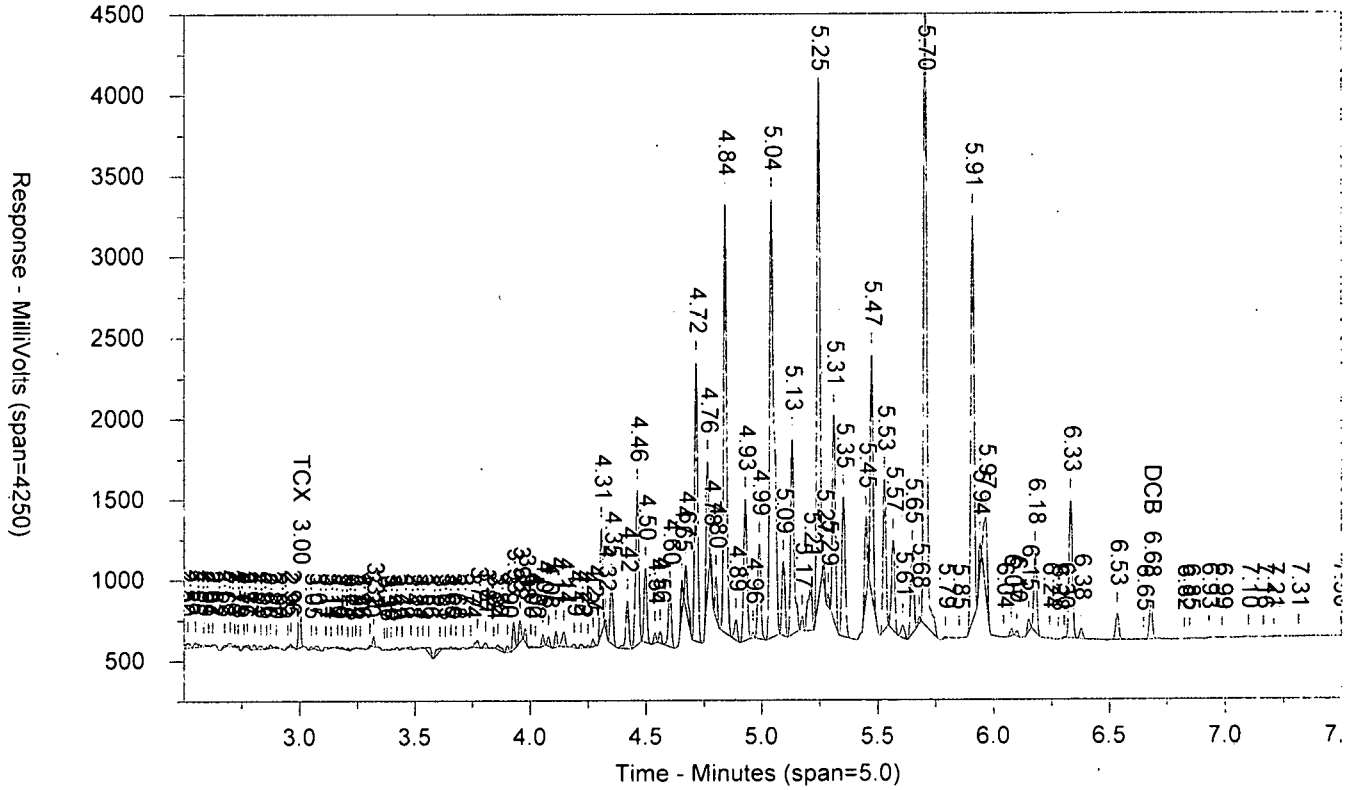

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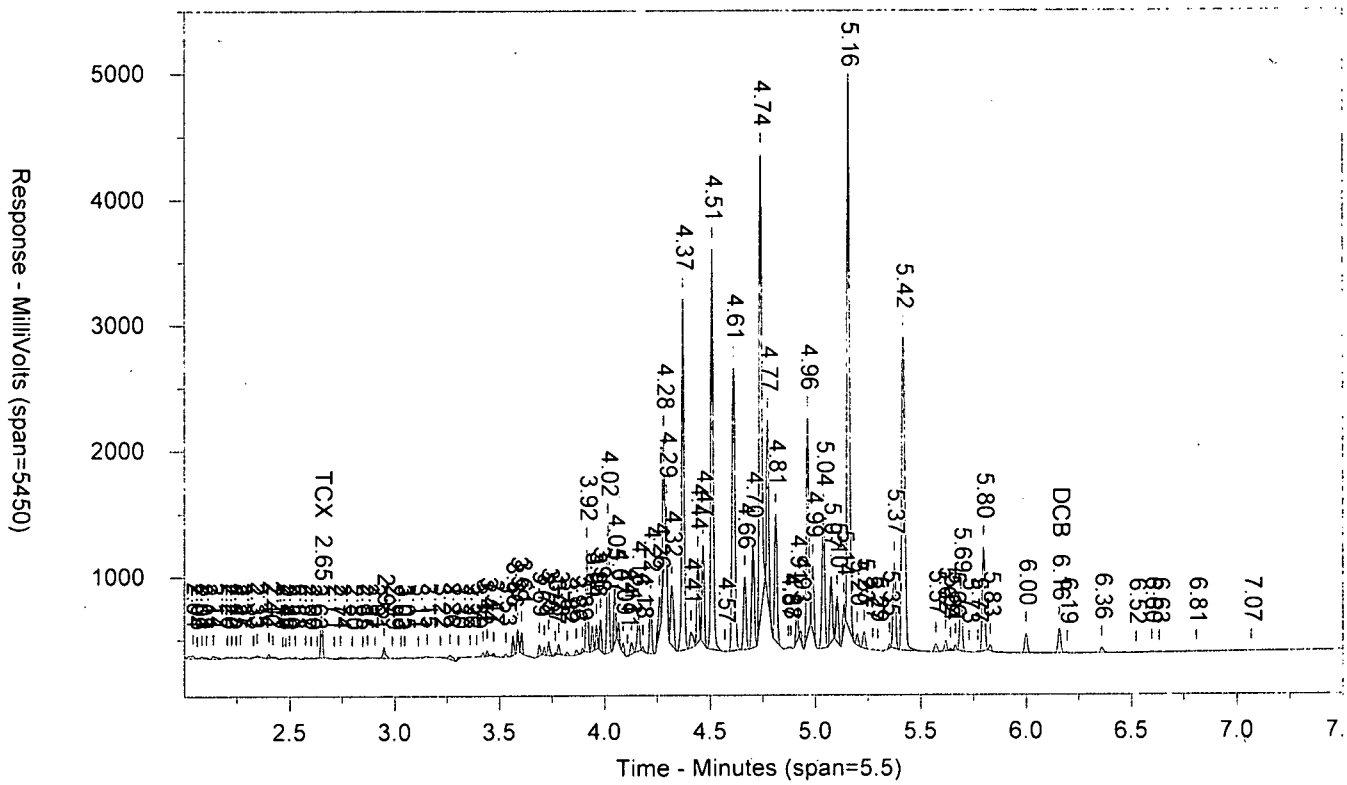

LANCASTER LABORATORIES

Sample Number: 9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:00:59 AM
Sample Weight: 10.4
Instrument ID: CP7-19843A
Dilution Factor: 200
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	343867	17.471	TCX	2.652	395140	19.553	TCX
6.68	208664	29.729	DCB	6.157	194215	23.445	DCB

Files:
Area File: 07pcbs17250008.0087.RAW
Area File: 07pcbs17250008B.0087.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:04:15 AM

9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082

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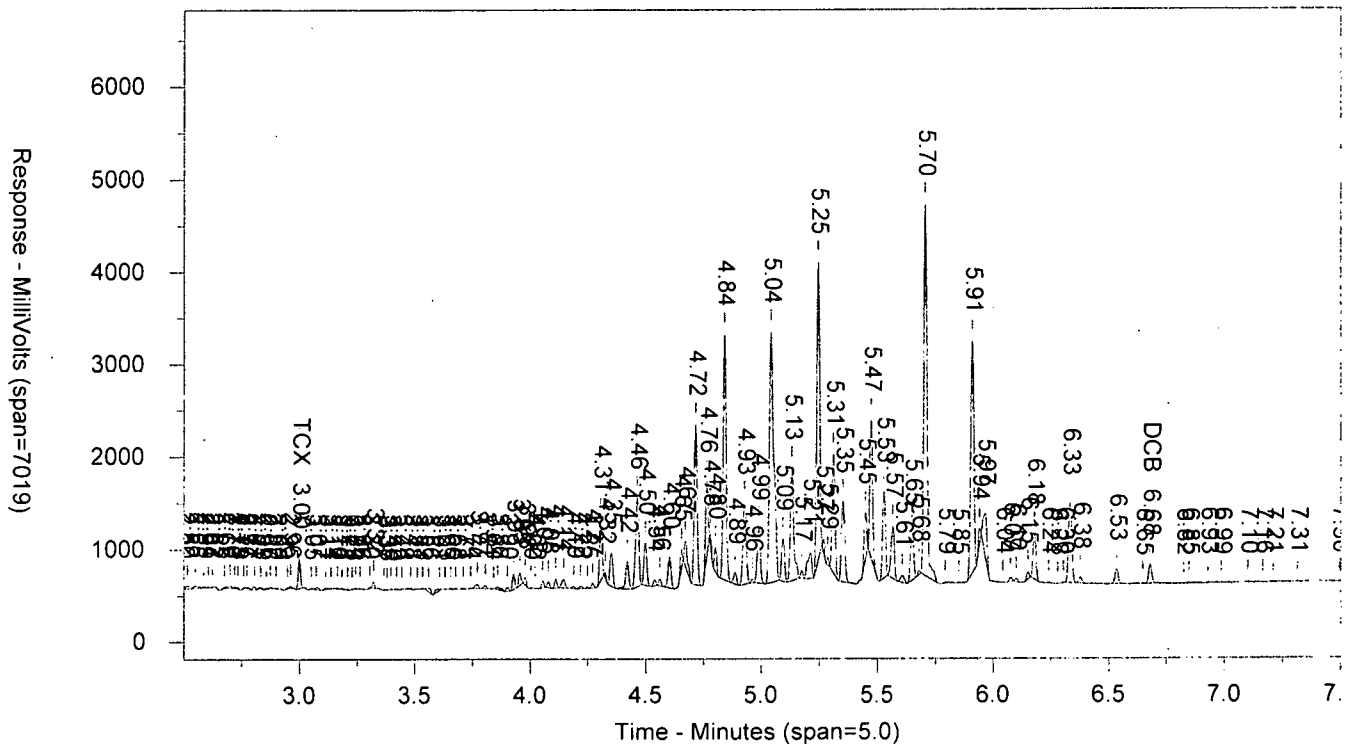

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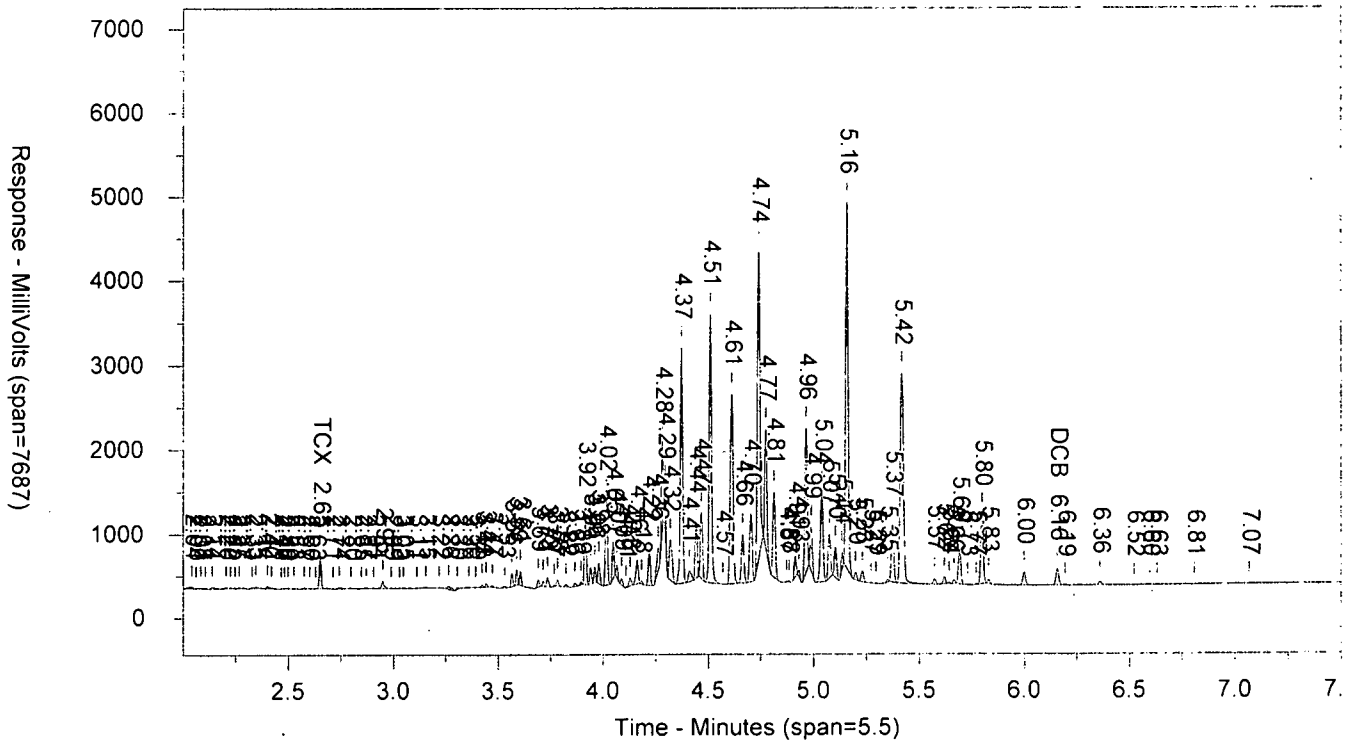

9202645 ACF DF20 AC-108W T 172560012A 10225 SW-846 8082

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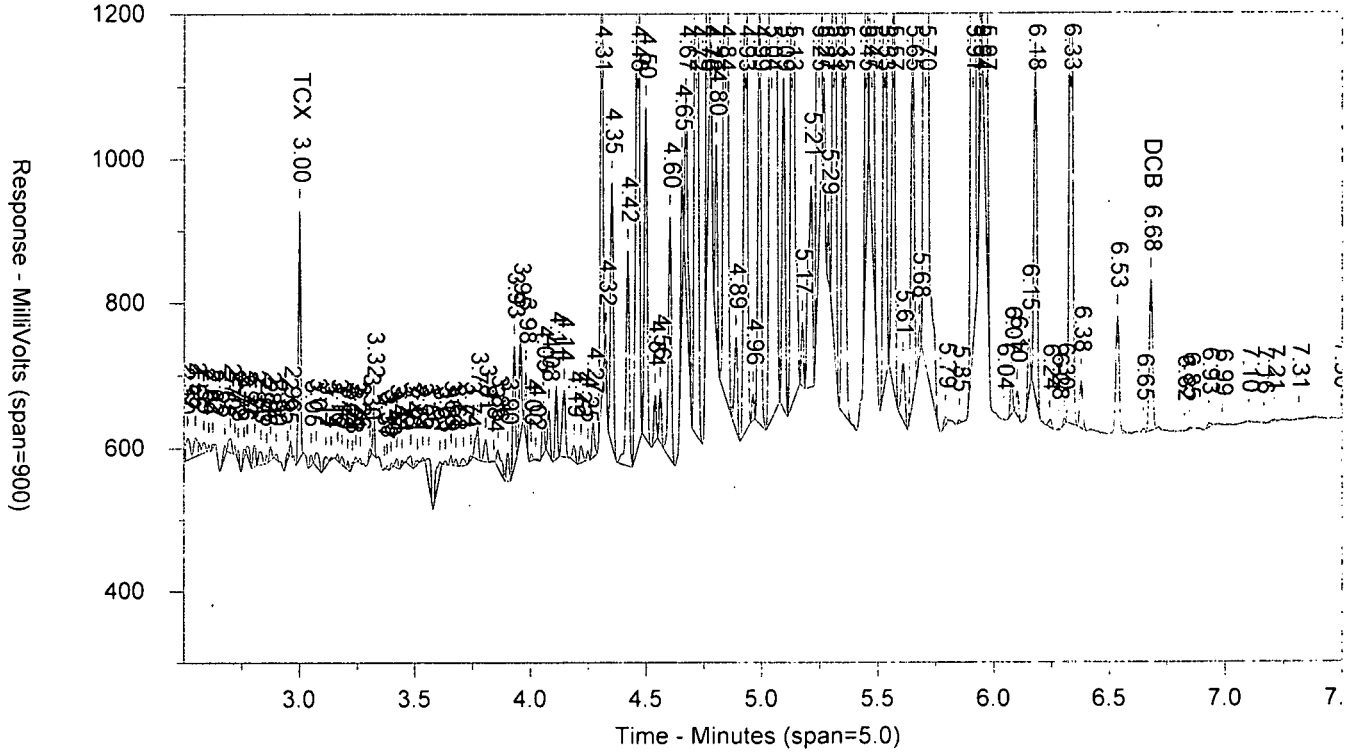

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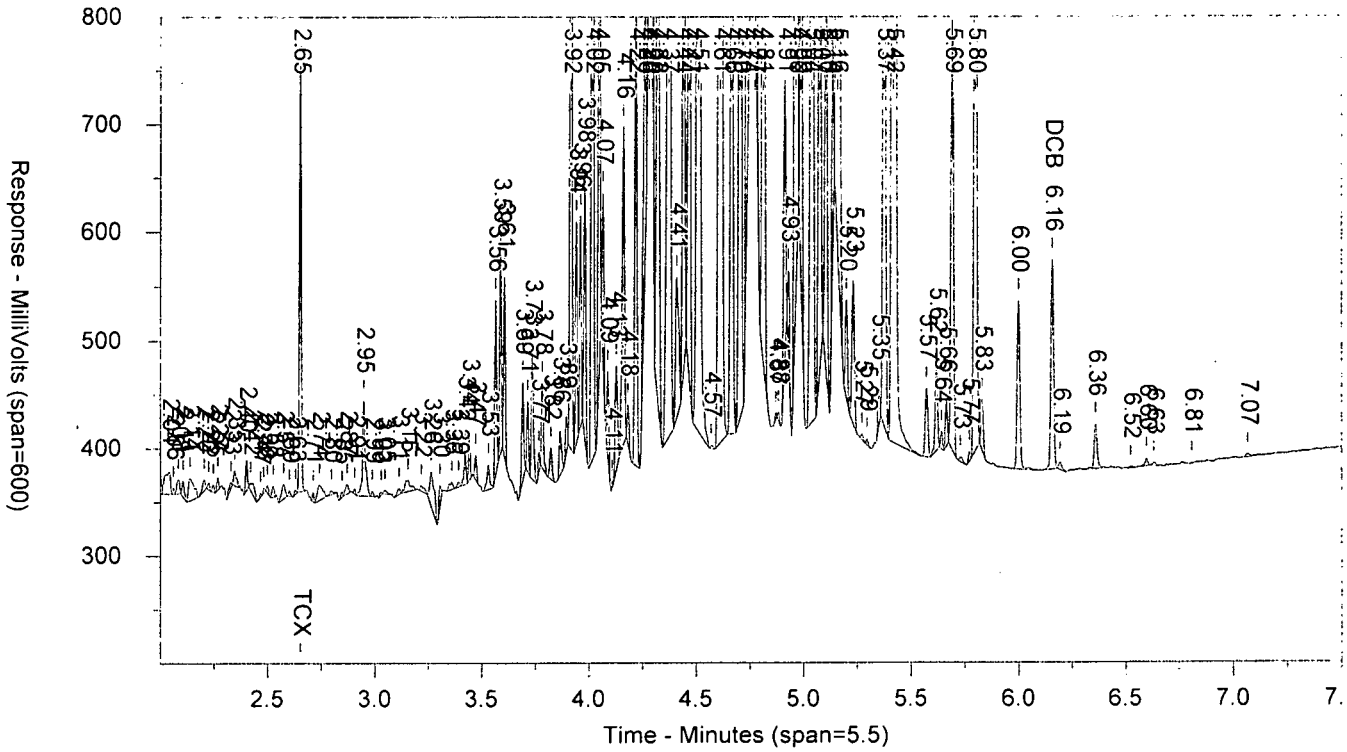

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Data Summary

Sample Name: 9202646 ACF DF20 -108E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.35 g Total Volume: 200 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:12:27
Instrument	19843A
Result file	07PCBS17250008.0088.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 93% (61 - 152) Conc: 27.43058
%SSR(DCB) 132% (48 - 164) Conc: 34.67105

Analysis Report (B)

Injected on	Sep 18, 2017 09:12:27
Instrument	19843B
Result file	07PCBS17250008B.0088.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 93% (61 - 152) Conc: 27.34181
%SSR(DCB) 119% (48 - 164) Conc: 31.0739

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	537297	27.43058
Decachlorobiphenyl	6.65	6.68	6.71	242183	34.67105

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	549877	27.34181
Decachlorobiphenyl	6.13	6.16	6.19	256173	31.0739

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	27.43058				0.32	
☑	Tetrachloro-m-xylene-D1	A	27.43058					
☑	Tetrachloro-m-xylene-D2	B	27.34181					
☐	Decachlorobiphenyl	A	34.67105				10.94	
☑	Decachlorobiphenyl-D1	A	34.67105					
☑	Decachlorobiphenyl-D2	B	31.0739					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.50**	
4.82	4.84	4.86	1953356	2593.447831			1
5.02	5.04	5.06	2212582	2992.707102			2
5.23	5.25	5.27	2495512	3557.233582			3
5.45	5.47	5.49	830585.6	2044.533108			4
5.69	5.71	5.73	2240362	2251.926134			5
5.89	5.91	5.93	1493321	2295.263869			6

Height summation: **11225718.6**
Concentration CF: **2622.518604** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.25**	
4.35	4.37	4.39	2150476	2788.28825			1
4.49	4.51	4.53	2459752	2780.23932			2
4.60	4.61	4.64	1678134	2315.784528			3
4.72	4.74	4.76	3009270	3485.85428			4
5.14	5.16	5.18	2284662	2049.795493			5
5.40	5.42	5.44	1441859	2184.499067			6

Height summation: **13024153**
Concentration CF: **2605.74349** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<985.5073	<191.3044	D1		4	
☑	PCB-1221			<985.5073	<295.6522	D1		3	
☑	PCB-1232			<985.5073	<237.6812	D1		4	
☑	PCB-1242			<985.5073	<237.6812	D1		4	
☑	PCB-1248			<985.5073	<191.3044	D1		4	
☑	PCB-1254			<985.5073	<255.0725	D1		4	
☑	PCB-1260	A	2622.518604	985.5073	226.087	D1	0.64	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:42

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202646** ACF DF20 -108E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.35 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0088.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 93% (61-152) Conc.: 27.43058
%SSR(DCB) : 132% (48-164) Conc.: 34.67105

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**148.92**	
3.23	3.26	3.27	6121.844	17.993843			1
+ 3.45	3.45	3.49	2617.133	7.515228			2
+ 3.45	3.47	3.49	6176.93	17.737362			2
3.45	3.48	3.49	11495.04	33.00858			2
3.56	3.58	3.60	18632.36	44.88203			3
3.74	3.77	3.78	100966.5	248.415415			4
3.78	3.81	3.82	61946.05	129.86538			5
3.91	3.93	3.95	265866.8	908.658568			6
Height Summation:			**465028.594**				
Amount Avg CF:			**230.470636**	Linear:			
Aroclor-1221					**2**	**62.16**	
3.18	3.21	3.22	5162.259	35.827401			2
3.23	3.26	3.27	6121.844	13.94927			3
Height Summation:			**11284.103**				
Amount Avg CF:			**24.888335**	Linear:			
Aroclor-1232					**6**	**159.86**	
3.23	3.26	3.27	6121.844	15.337623			1
+ 3.45	3.45	3.49	2617.133	15.702452			2
+ 3.45	3.47	3.49	6176.93	37.060763			2
3.45	3.48	3.49	11495.04	68.968719			2
3.56	3.58	3.60	18632.36	93.296667			3
3.74	3.77	3.78	100966.5	538.938538			4
3.78	3.81	3.82	61946.05	264.964451			5
3.91	3.93	3.95	265866.8	2259.0388			6
Height Summation:			**465028.594**				
Amount Avg CF:			**540.0908**	Linear:			
Aroclor-1242					**6**	**154.74**	
3.23	3.26	3.27	6121.844	13.438676			1
+ 3.45	3.45	3.49	2617.133	5.714814			2
+ 3.45	3.47	3.49	6176.93	13.488045			2
3.45	3.48	3.49	11495.04	25.100756			2
3.56	3.58	3.60	18632.36	34.132948			3
3.74	3.77	3.78	100966.5	167.861154			4
3.78	3.81	3.82	61946.05	93.884839			5
3.91	3.93	3.95	265866.8	713.908219			6
Height Summation:			**465028.594**				
Amount Avg CF:			**174.721099**	Linear:			
Aroclor-1248					**6**	**110.16**	
3.78	3.81	3.82	61946.05	263.4406			1
3.84	3.86	3.88	24679.15	98.660667			2
3.91	3.93	3.95	265866.8	638.325688			3
4.03	4.05	4.07	137641.4	292.661447			4
4.12	4.15	4.16	169101.7	415.292028			5
4.30	4.31	4.34	829480.8	1907.13986			6
+ 4.30	4.33	4.34	104419.2	240.080323			6
Height Summation:			**1488715.9**				
Amount Avg CF:			**602.586715**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0088.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 93% (61-152) Conc.: 27.34181
%SSR(DCB) : 119% (48-164) Conc.: 31.0739

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**129.14**	
2.92	2.95	2.96	40524.83	116.433016			1
3.12	3.14	3.16	5010.344	11.318931			2
3.25	3.26	3.29	35775.21	81.766214			3
+ 3.40	3.42	3.44	65369.95	139.402387			4
* 3.40	3.44	3.44	92222.48	196.665805			4
* 3.44	3.44	3.48	92222.48	209.389685			5
+ 3.44	3.47	3.48	52994.05	120.322154			5
3.57	3.59	3.61	327686.8	903.276539			6
+ 3.57	3.61	3.61	313042.7	862.909725			6
Height Summation:			**593442.144**				
Amount Avg CF:			**253.141698**	Linear:			
Aroclor-1221					**3**	**49.02**	
2.80	2.82	2.84	5388.888	28.42574			1
2.86	2.87	2.90	7760.891	65.264283			2
2.92	2.95	2.96	40524.83	86.69615			3
Height Summation:			**53674.609**				
Amount Avg CF:			**60.128724**	Linear:			
Aroclor-1232					**6**	**146.86**	
2.92	2.95	2.96	40524.83	95.169509			1
3.12	3.14	3.16	5010.344	22.41877			2
3.25	3.26	3.29	35775.21	165.503608			3
+ 3.40	3.42	3.44	65369.95	302.921199			4
* 3.44	3.44	3.48	92222.48	419.65678			5
* 3.40	3.44	3.44	92222.48	427.354529			4
+ 3.44	3.47	3.48	52994.05	241.148496			5
3.57	3.59	3.61	327686.8	2148.424622			6
+ 3.57	3.61	3.61	313042.7	2052.412988			6
Height Summation:			**593442.144**				
Amount Avg CF:			**546.421303**	Linear:			
Aroclor-1242					**6**	**134.46**	
2.92	2.95	2.96	40524.83	84.196365			1
3.12	3.14	3.16	5010.344	12.818404			2
3.25	3.26	3.29	35775.21	62.555138			3
+ 3.40	3.42	3.44	65369.95	96.005563			4
* 3.44	3.44	3.48	92222.48	151.280515			5
* 3.40	3.44	3.44	92222.48	135.442526			4
+ 3.44	3.47	3.48	52994.05	86.930727			5
3.57	3.59	3.61	327686.8	714.578069			6
+ 3.57	3.61	3.61	313042.7	682.644061			6
Height Summation:			**593442.144**				
Amount Avg CF:			**193.478503**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202646** ACF DF20 -108E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.35 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0088.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	60.46	
4.29	4.31	4.32	829480.8	1768.696916			1
4.63	4.65	4.67	390561.4	785.254809			2
+ 4.63	4.67	4.67	128086	257.527107			2
4.69	4.72	4.73	2369082	2251.51442			3
4.91	4.93	4.95	1268750	1972.525491			4
5.11	5.13	5.15	1007842	2738.497478			5
5.23	5.25	5.27	2495512	5161.764581			6
Height Summation:			**8361228.2**				
Amount Avg CF:			**2446.375616**	Linear:			
Aroclor-1260					6	21.50	
4.82	4.84	4.86	1953356	2593.447831			1
5.02	5.04	5.06	2212582	2992.707102			2
5.23	5.25	5.27	2495512	3557.233582			3
5.45	5.47	5.49	830585.6	2044.533108			4
5.69	5.71	5.73	2240362	2251.926134			5
5.89	5.91	5.93	1493321	2295.263869			6
Height Summation:			**11225718.6**				
Amount Avg CF:			**2622.518604**	Linear:			
Aroclor-1262					6	33.01	
5.29	5.31	5.33	719570.2	1193.874547			1
5.45	5.47	5.49	830585.6	1550.157202			2
5.69	5.71	5.73	2240362	1905.608968			3
5.89	5.91	5.93	1493321	1860.993362			4
5.95	5.97	5.99	262244.6	649.517677			5
6.31	6.33	6.35	489463.9	1351.969648			6
Height Summation:			**6035547.3**				
Amount Avg CF:			**1418.686901**	Linear:			
Aroclor-1268					6	96.00	
5.89	5.91	5.93	1493321	1037.406387			1
5.95	5.97	5.99	262244.6	210.680937			2
6.08	6.10	6.12	18560.08	15.53731			3
+ 6.14	6.15	6.18	47373.63	151.049434			4
6.14	6.18	6.18	331895.8	1058.240052			4
6.31	6.33	6.35	489463.9	1329.6578			5
6.51	6.53	6.55	90905.32	37.519683			6
Height Summation:			**2686390.7**				
Amount Avg CF:			**614.840362**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0088.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	91.09	
3.44	3.44	3.48	92222.48	457.177609			1
+ 3.44	3.47	3.48	52994.05	262.709191			1
3.51	3.53	3.55	27651.61	99.994361			2
3.55	3.57	3.59	287779.5	604.338778			3
3.67	3.69	3.71	156117.9	272.677071			4
+ 3.76	3.77	3.80	18330.19	46.300772			5
3.76	3.78	3.80	140569.8	355.069441			5
3.90	3.92	3.94	1139680	1513.353737			6
Height Summation:			**1844021.29**				
Amount Avg CF:			**550.435166**	Linear:			
Aroclor-1254					6	60.76	
4.20	4.22	4.24	583820.5	977.551643			1
+ 4.26	4.26	4.30	192529	182.321132			2
4.26	4.28	4.30	2058260	1949.131264			2
4.35	4.37	4.39	2150476	4335.484282			3
4.42	4.44	4.46	1062508	1628.991316			4
4.64	4.66	4.68	630884.9	1373.870653			5
4.72	4.74	4.76	3009270	4136.064785			6
Height Summation:			**9495219.4**				
Amount Avg CF:			**2400.182324**	Linear:			
Aroclor-1260					6	20.25	
4.35	4.37	4.39	2150476	2788.28825			1
4.49	4.51	4.53	2459752	2780.23932			2
4.60	4.61	4.64	1678134	2345.784528			3
4.72	4.74	4.76	3009270	3485.85428			4
5.14	5.16	5.18	2284662	2049.795493			5
5.40	5.42	5.44	1441859	2184.499067			6
Height Summation:			**13024153**				
Amount Avg CF:			**2605.74349**	Linear:			
Aroclor-1262					6	30.53	
4.76	4.77	4.80	719841.7	852.788612			1
4.95	4.96	4.99	991768.4	1262.59329			2
5.14	5.16	5.18	2284662	1576.332815			3
5.36	5.37	5.40	380006.6	724.927207			4
5.40	5.42	5.44	1441859	1630.636181			5
5.78	5.80	5.82	448756.3	1185.812402			6
Height Summation:			**6266894**				
Amount Avg CF:			**1205.515084**	Linear:			
Aroclor-1268					6	123.36	
5.36	5.37	5.40	380006.6	253.021091			1
5.40	5.42	5.44	1441859	1001.290879			2
5.56	5.57	5.60	49638.46	41.231156			3
5.62	5.64	5.66	8474.621	28.916836			4
5.78	5.80	5.82	448756.3	1087.314435			5
5.98	6.00	6.02	82639.09	29.09496			6
Height Summation:			**2411374.071**				
Amount Avg CF:			**406.811559**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202646 ACF DF20 -108E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.35 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0088.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 09:12:27
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0088.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			985.5073	191.3044		9.38	4	40	
Aroclor-1221			985.5073	295.6522		** 82.90	3	40	
Aroclor-1232			985.5073	237.6812		1.17	4	40	
Aroclor-1242			985.5073	237.6812		10.19	4	40	
Aroclor-1248			985.5073	191.3044		9.05	4	40	
Aroclor-1254			985.5073	255.0725		1.91	4	40	
Aroclor-1260			985.5073	226.087		0.64	4	40	
Aroclor-1262			985.5073	191.3044		16.25	4	40	
Aroclor-1268			985.5073	191.3044		** 40.72	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:12:27 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0088.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.64		45993	49055
1.703		10262	10349
1.747		33591	28576
1.789		2308	1014
1.875		2893	1582
1.897		5711	3957
1.92		3949	2120
1.985		4559	2622
2.005		5834	5205
2.054		8564	5632
2.07		11969	12509
2.113		17779	29744
2.155		21206	35225
2.174		21401	26706
2.201		41000	61728
2.269		40960	33498
2.292		17092	26789
2.344		13643	19652
2.38		13547	10828
2.412		6319	3963
2.445		20569	23872
2.462		20709	26201
2.497		10802	13708
2.516		11629	13894
2.55		13032	16090
2.587		8302	8619
2.607		4837	2344
2.627		9530	16224
2.676		4919	4853
2.701		9791	8987
2.719		11109	5452
2.774		11273	16596
2.806		12857	11002
2.825		2226	911
2.856		4326	1878
2.874		8669	6406
2.948		6298	4304
3	TCX	537297	369167
3.047		2792	1156
3.071		3807	1908
3.111		4804	4331
3.209		5162	2873
3.258		6122	10976
3.304		8016	4608
3.32		31081	17359
3.397		3764	2102
3.423		4970	3417
3.447		2617	1496
3.468		6177	3296
3.485		11495	6843
3.536		5351	2881
3.584		18632	10670
3.609		3775	2390

RT A	Compound A	Height A	Area A
3.633		3921	3085
3.657		16177	9896
3.679		4064	2638
3.709		3512	2586
3.771		100967	118862
3.808		61946	54299
3.86		24679	17537
3.902		33117	24227
3.929		265867	191895
3.955		264736	184194
3.979		236299	164059
4.055		137641	93699
4.08		127908	87850
4.111		201907	149253
4.145		169102	149824
4.189		35319	32054
4.22		20390	13587
4.249		5055	2425
4.272		62224	44625
4.308		829481	625551
4.326		104419	50402
4.351		619499	547819
4.42		381633	321532
4.463		1323450	1337564
4.498		739208	629653
4.539		110434	79504
4.561		118808	84381
4.603		463284	420333
4.655		390561	277761
4.671		128086	61360
4.685		76637	46519
4.716		2369082	1996032
4.766		524764	409825
4.78		70779	36767
4.802		250546	158949
4.842		1953357	1812086
4.889		189386	171039
4.93		1268750	1230489
4.962		35293	22022
4.989		469881	450999
5.042		2212582	2831275
5.094		278518	246720
5.131		1007842	1043582
5.175		118783	83992
5.212		226622	297822
5.246		2495512	2201719
5.268		111215	54096
5.287		71367	36635
5.311		719570	637121
5.354		492326	501467
5.426		4458	3521
5.45		452152	362737
5.473		830586	659954
5.529		533820	491612
5.567		368828	352492
5.608		44802	51185
5.649		399754	394380
5.681		47221	37367
5.706		2240362	2111862
5.794		5398	4982
5.871		2148	3880
5.91		1493321	1387532
5.941		129352	86404
5.965		262245	279086
6.075		41072	34276
6.099		18560	14132

RT A	Compound A	Height A	Area A
6.132		2846	1840
6.152		47374	34810
6.179		331896	295352
6.242		15153	16088
6.279		2106	1226
6.305		10956	8094
6.333		489464	481173
6.377		33480	30684
6.421		1616	923
6.459		1508	351
6.533		90905	85585
6.614		1093	696
6.624		1118	396
6.648		3880	2224
6.681	DCB	242183	244883
6.714		4516	3432
6.839		1440	766
6.94		2668	4933
6.96		1639	701
6.996		1179	395
7.023		1359	436
7.051		1733	1010
7.077		1651	694
7.103		1407	750
7.257		1721	1466
7.349		1133	781
7.375		1532	1276
7.408		1994	1578
7.439		1457	641
7.513		1389	1363
7.653		1800	780
7.822		1096	435
7.864		1934	2448
7.962		1159	381
8.024		1664	1563
8.096		7646	12313
8.141		1513	1843
8.169		1874	813
8.332		1618	544
8.371		1517	622
8.497		1828	1430
8.6		1447	423

LANCASTER LABORATORIES

Sample Number: 9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:12:27 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0088.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		29027	26641
1.591		2371	1303
1.615		8152	5250
1.685		5026	5452
1.713		4344	3161
1.748		6398	9954
1.773		7204	10501
1.803		6331	6218
1.832		9294	8512
1.864		6792	11913
1.91		31985	25696
1.94		5905	4332
1.965		6992	6981
1.993		31989	23711
2.042		11034	20370
2.084		5485	5345
2.104		6898	5263
2.136		3951	2853
2.202		4934	4763
2.248		3570	2085
2.267		7413	4604
2.328		3077	3757
2.346		10751	14118
2.401		16657	9942
2.468		4222	4225
2.525		4180	2571
2.574		6066	6971
2.602		2725	2078
2.628		2617	1498
2.652	TCX	549877	349650
2.712		3263	1471
2.739		4433	5614
2.821		5389	3210
2.848		2657	1899
2.87		7761	6219
2.907		2397	1787
2.948		40525	36716
2.986		2622	1527
3.027		1918	1078
3.047		3248	2158
3.11		2531	2191
3.144		5010	2326
3.217		7017	9346
3.264		35775	22819
3.303		17146	16331
3.362		9901	12506
3.39		2552	1634
3.423		65370	40518
3.442		92222	53785
3.472		52994	28595
3.531		27652	21633
3.565		287780	177251
3.588		327687	179448
3.607		313043	174642

3.692		156118	93929
3.714		127102	70914
3.735		210772	147639
3.767		18330	8351
3.783		140570	92573
3.823		49965	39940
3.865		58373	45348
3.896		74302	43983
3.916		1139680	736929
3.942		400984	231783
3.961		276177	154830
3.981		345958	215673
4.017		1402441	954684
4.049		693825	438553
4.066		233554	121911
4.089		118641	73081
4.128		140610	112879
4.162		431941	307269
4.182		30465	16818
4.22		583821	440641
4.262		192529	202402
4.28		2058260	1862961
4.319		372827	360711
4.372		2150476	1721933
4.41		188345	165110
4.442		1062508	737552
4.467		603440	432103
4.51		2459752	1970570
4.612		1678134	1705894
4.664		630885	552803
4.704		618654	540589
4.742		3009270	2523012
4.774		719842	491712
4.813		601237	464496
4.871		20186	25698
4.913		132003	87204
4.93		88704	52226
4.964		991768	745516
4.988		510842	380036
5.039		671750	581795
5.074		323966	263687
5.104		226041	175931
5.136		245447	160189
5.159		2284663	1869711
5.2		51654	36047
5.23		78315	63801
5.269		4913	3892
5.294		4724	3569
5.325		3004	1760
5.351		17764	10291
5.373		380007	322724
5.417		1441859	1600713
5.572		49638	40936
5.618		49162	39542
5.642		8475	4487
5.664		59077	42890
5.691		216899	179059
5.73		3659	3911
5.772		11132	7371
5.798		448756	377860
5.829		24276	18383
5.908		1446	1483
5.998		82639	74225
6.157	DCB	256173	222560
6.194		8588	8371
6.29		1942	6471
6.359		20826	18335

6.43	2168	1241
6.529	2331	5056
6.6	5211	4131
6.736	1273	4384
6.758	1760	1207
6.833	1294	1646
6.926	1817	1525
7.622	11535	16803
8.197	3721	7344
8.29	8460	16049
8.513	5252	9851

9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082

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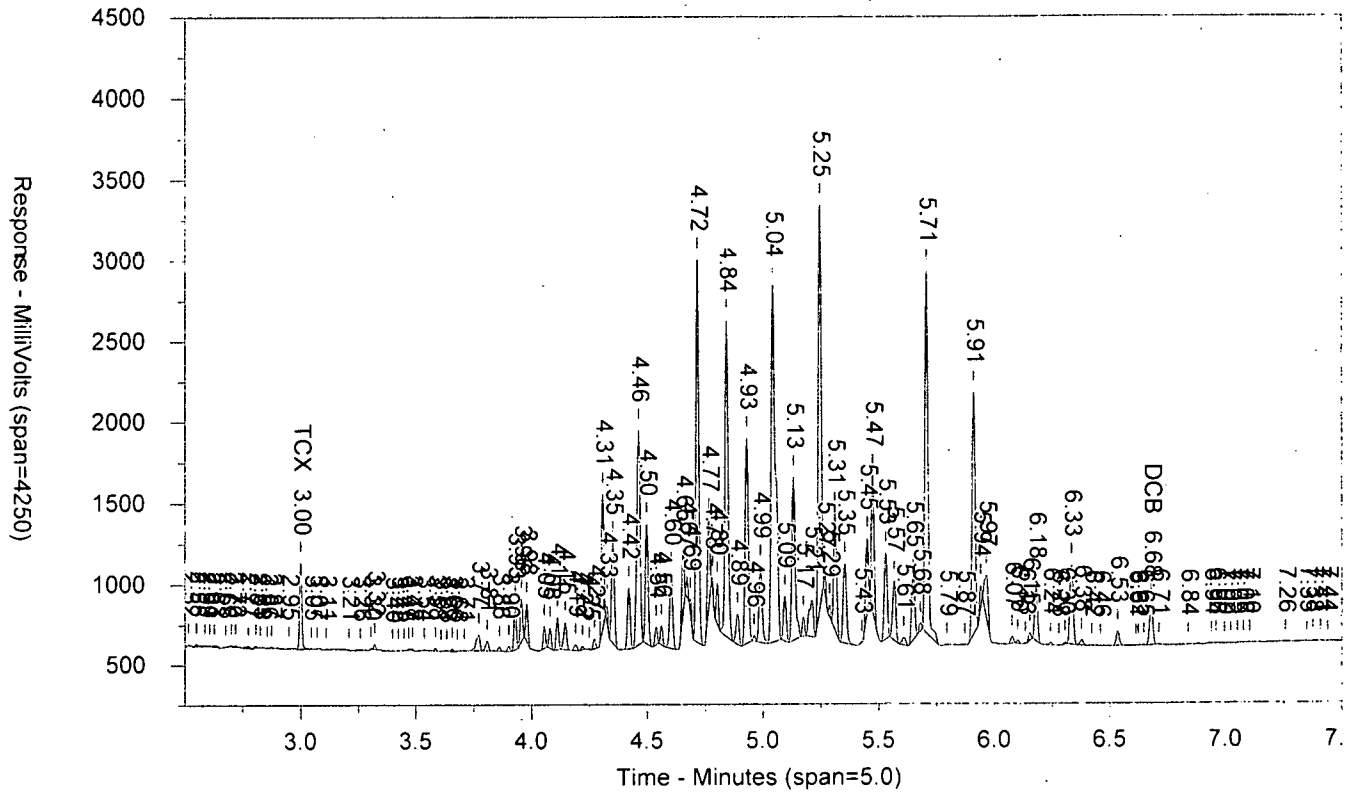

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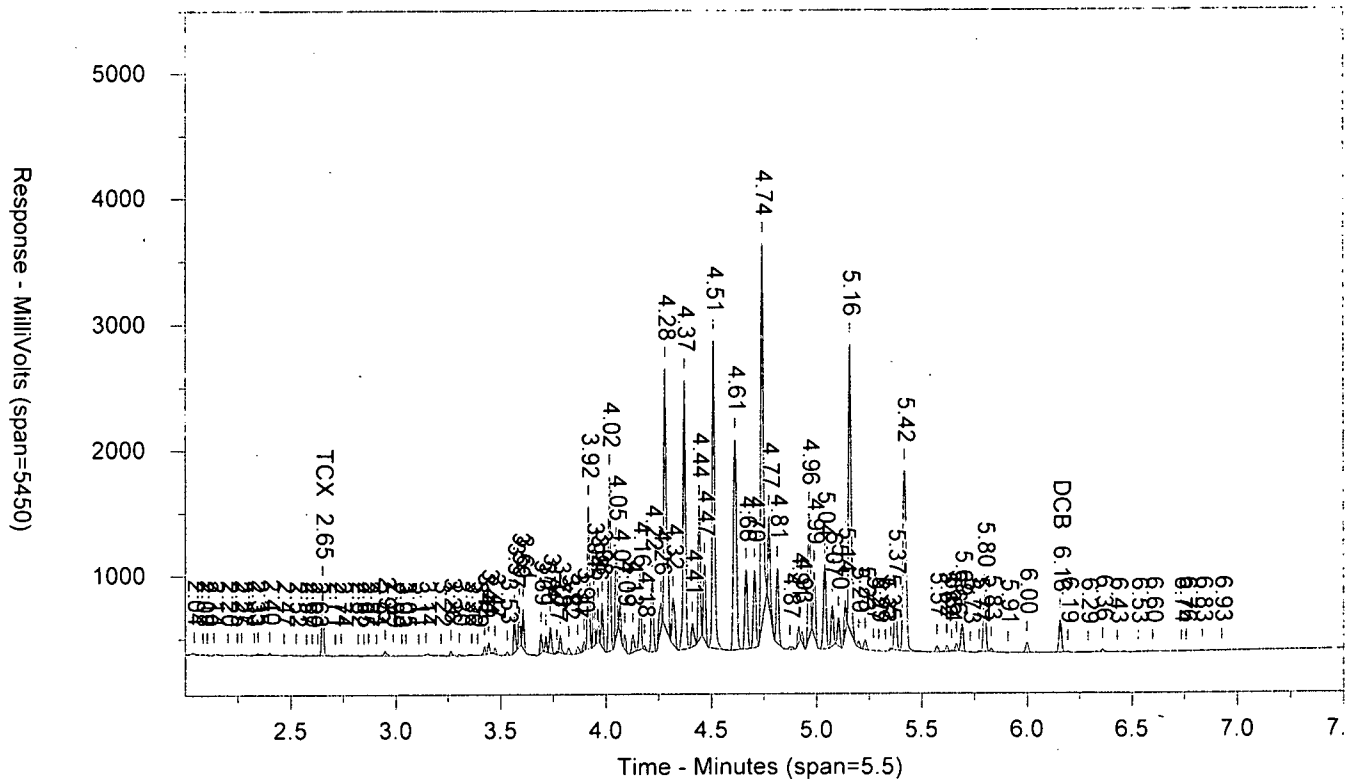

LANCASTER LABORATORIES

Sample Number: 9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:12:27 AM
Sample Weight: 10.35
Instrument ID: CP7-19843A
Dilution Factor: 200
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	537297	27.431	TCX	2.652	549877	27.342	TCX
6.681	242183	34.671	DCB	6.157	256173	31.074	DCB

Files:
Area File: 07pcbs17250008.0088.RAW
Area File: 07pcbs17250008B.0088.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:04:38 AM

9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082

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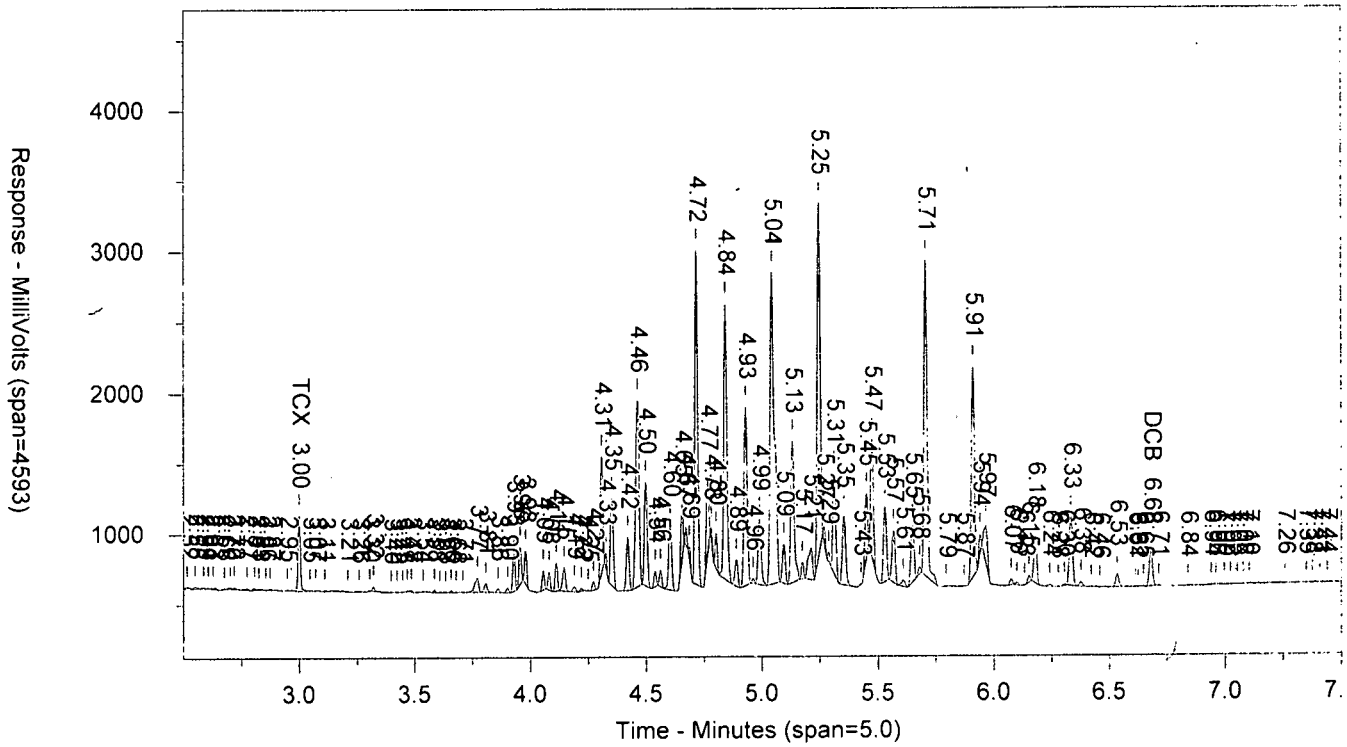

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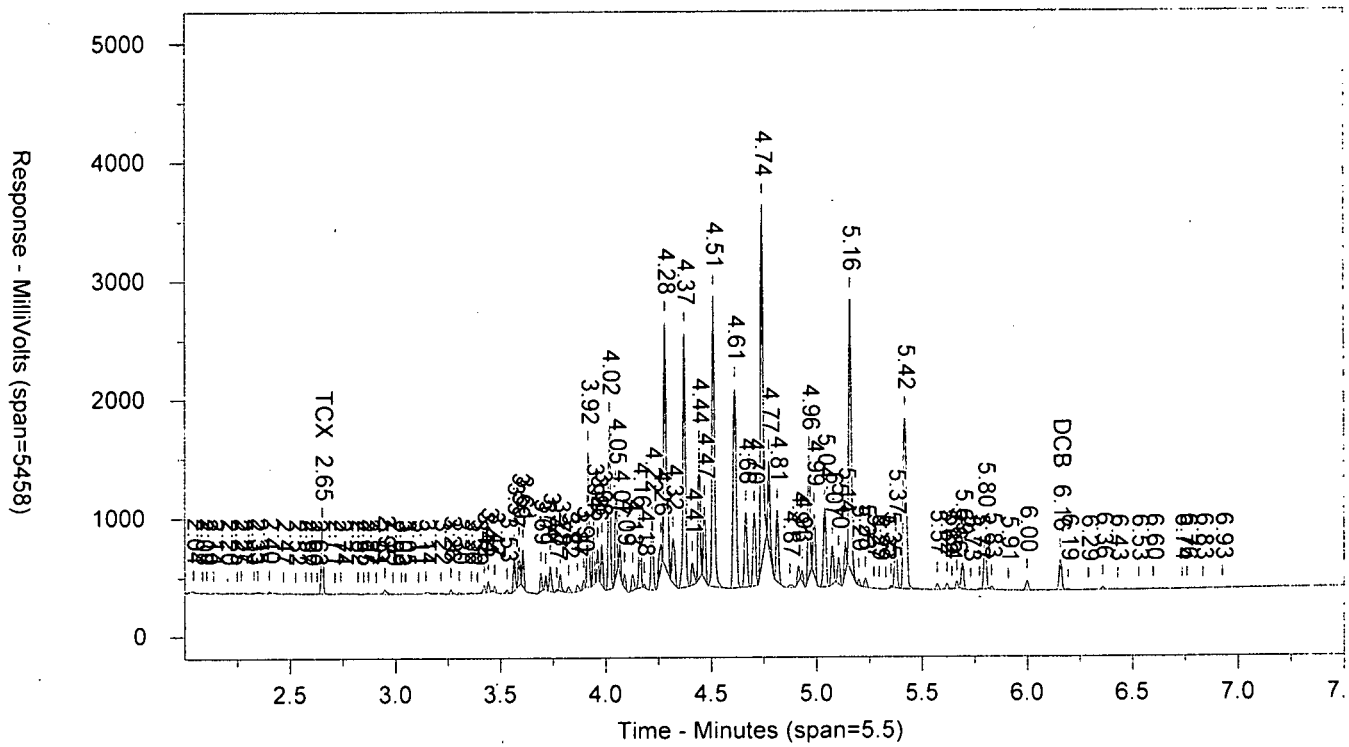

9202646 ACF DF20 AC-108E T 172560012A 10225 SW-846 8082

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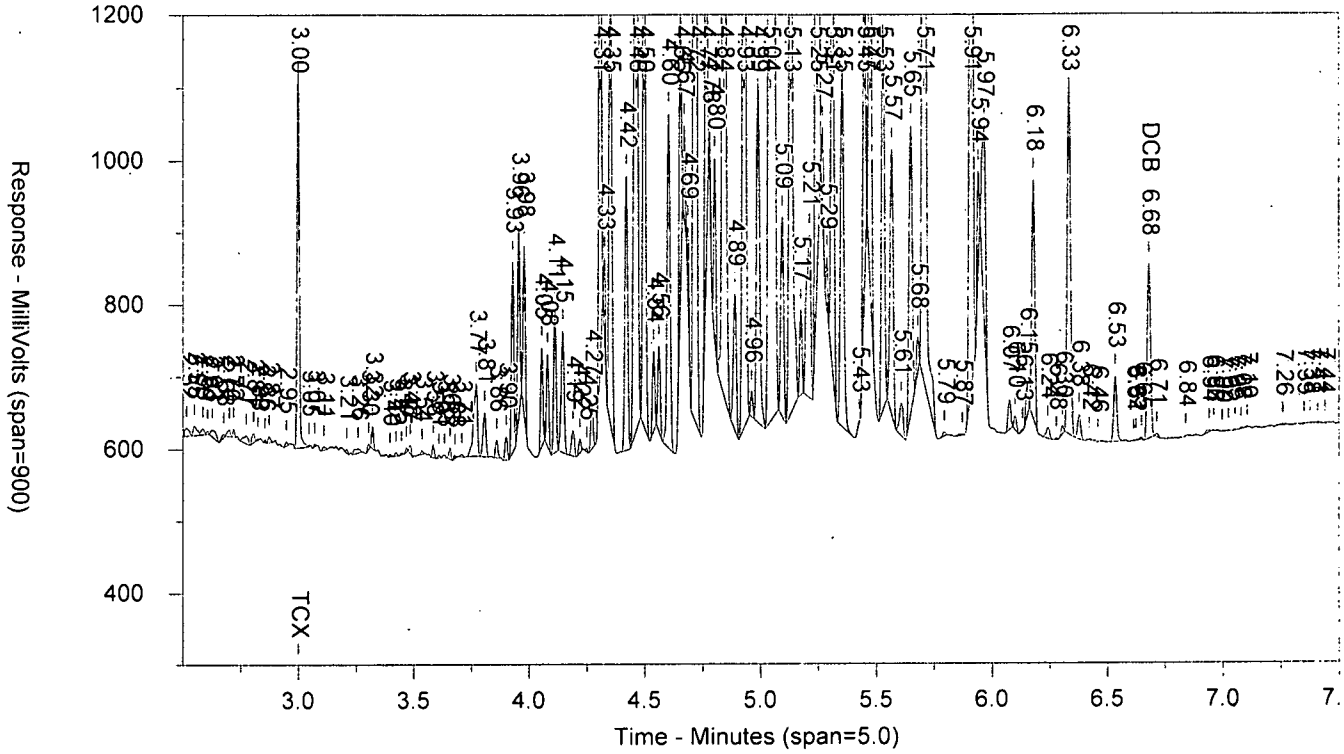

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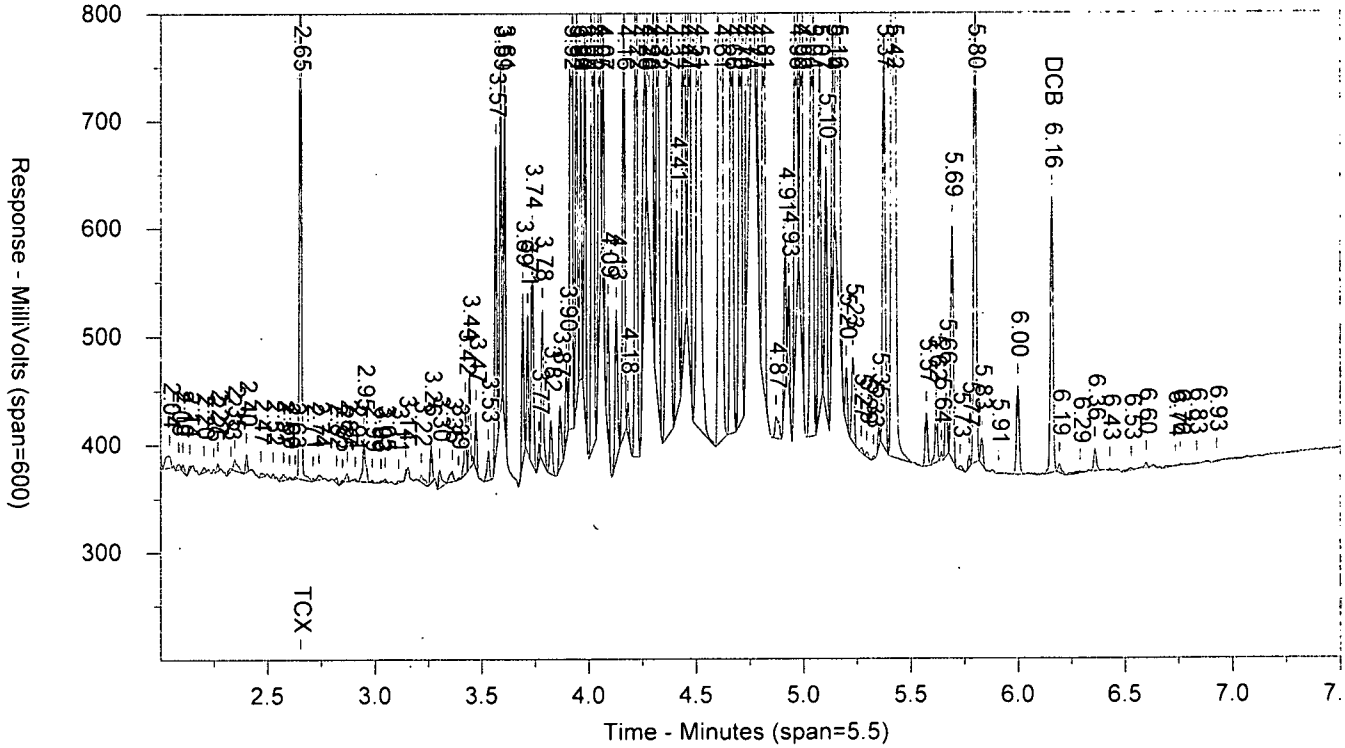

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Data Summary

Sample Name: 9202647 ACF DF50 -109W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:23:54
Instrument	19843A
Result file	07PCBS17250008.0089.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 102% (61 - 152) Conc: 30.7868
%SSR(DCB) 126% (48 - 164) Conc: 33.85226

Analysis Report (B)

Injected on	Sep 18, 2017 09:23:54
Instrument	19843B
Result file	07PCBS17250008B.0089.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 99% (61 - 152) Conc: 29.93881
%SSR(DCB) 116% (48 - 164) Conc: 31.20789

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	235622	30.7868
Decachlorobiphenyl	6.65	6.68	6.71	92392	33.85226

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	235258	29.93881
Decachlorobiphenyl	6.13	6.16	6.19	100525	31.20789

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	30.7868				2.79	
☑	Tetrachloro-m-xylene-D1	A	30.7868					
☑	Tetrachloro-m-xylene-D2	B	29.93881					
☐	Decachlorobiphenyl	A	33.85226				8.13	
☑	Decachlorobiphenyl-D1	A	33.85226					
☑	Decachlorobiphenyl-D2	B	31.20789					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**23.24**	
4.82	4.84	4.86	1062948	3611.91347			1
5.02	5.04	5.06	1132393	3920.046496			2
5.23	5.25	5.27	1457560	5317.510612			3
5.45	5.47	5.49	457307.3	2881.0254			4
5.69	5.71	5.73	1258373	3237.237313			5
5.89	5.91	5.93	838093.5	3296.864689			6

Height summation: **6206674.8**
Concentration CF: **3710.76633** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.80**	
4.35	4.37	4.39	1141854	3789.159171			1
4.49	4.51	4.53	1325355	3834.001536			2
4.60	4.61	4.64	969374.6	3468.0258			3
4.72	4.74	4.76	1776654	5267.203933			4
5.14	5.16	5.18	1327804	3048.960171			5
5.40	5.42	5.44	846917.5	3283.97151			6

Height summation: **7387959.1**
Concentration CF: **3781.88702** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2522.2552	<489.6142	D1		4	
☑	PCB-1221			<2522.2552	<756.6765	D1		3	
☑	PCB-1232			<2522.2552	<608.3086	D1		4	
☑	PCB-1242			<2522.2552	<608.3086	D1		4	
☑	PCB-1248			<2522.2552	<489.6142	D1		4	
☑	PCB-1254			<2522.2552	<652.819	D1		4	
☑	PCB-1260	B	3781.88702	2522.2552	578.635	D2	1.90	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:44

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202647** ACF DF50 -109W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:23:54
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0089.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 102% (61-152) Conc.: 30.7868
%SSR(DCB) : 126% (48-164) Conc.: 33.85226

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**2**	**76.69**	
3.78	3.80	3.82	10494.67	56.308993			5
3.91	3.93	3.95	21692.91	189.750808			6
Height Summation:			**32187.58**				
Amount Avg CF:			**123.029901**	Linear:			
Aroclor-1232					**3**	**99.23**	
3.74	3.74	3.78	5446.2	74.40202			4
3.78	3.80	3.82	10494.67	114.887289			5
3.91	3.93	3.95	21692.91	471.744232			6
Height Summation:			**37633.78**				
Amount Avg CF:			**220.344514**	Linear:			
Aroclor-1242					**3**	**96.07**	
3.74	3.74	3.78	5446.2	23.173717			4
3.78	3.80	3.82	10494.67	40.708007			5
3.91	3.93	3.95	21692.91	149.082028			6
Height Summation:			**37633.78**				
Amount Avg CF:			**70.987917**	Linear:			
Aroclor-1248					**6**	**156.19**	
3.78	3.80	3.82	10494.67	114.226555			1
3.84	3.86	3.88	6483.719	66.338743			2
3.91	3.93	3.95	21692.91	133.29849			3
4.03	4.06	4.07	9249.175	50.332515			4
4.12	4.14	4.16	26304.86	165.337291			5
4.30	4.31	4.34	205727.7	1210.593057			6
+ 4.30	4.33	4.34	15778.39	92.847047			6
Height Summation:			**279953.034**				
Amount Avg CF:			**290.021109**	Linear:			
Aroclor-1254					**6**	**83.44**	
4.29	4.31	4.32	205727.7	1122.713783			1
4.63	4.65	4.67	142835.4	734.998316			2
+ 4.63	4.67	4.67	70606.09	363.322798			2
4.69	4.72	4.73	1134620	2759.778819			3
4.91	4.93	4.95	529484.4	2106.827319			4
5.11	5.13	5.15	562238.9	3909.939032			5
5.23	5.25	5.27	1457560	7716.034751			6
Height Summation:			**4032466.4**				
Amount Avg CF:			**3058.382003**	Linear:			
Aroclor-1260					**6**	**23.24**	
4.82	4.84	4.86	1062948	3611.91347			1
5.02	5.04	5.06	1132393	3920.046496			2
5.23	5.25	5.27	1457560	5317.510612			3
5.45	5.47	5.49	457307.3	2881.0254			4
5.69	5.71	5.73	1258373	3237.237313			5
5.89	5.91	5.93	838093.5	3296.864689			6
Height Summation:			**6206674.8**				
Amount Avg CF:			**3710.76633**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:23:54
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0089.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 99% (61-152) Conc.: 29.93881
%SSR(DCB) : 116% (48-164) Conc.: 31.20789

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**137.13**	
2.92	2.95	2.96	7142.13	52.51845			1
3.12	3.15	3.16	2464.654	14.250268			2
3.25	3.26	3.29	1902.088	11.126319			3
3.40	3.42	3.44	4229.156	23.082081			4
3.44	3.46	3.48	7335.372	42.625534			5
3.57	3.59	3.61	33947.66	239.497415			6
Height Summation:			**57021.06**				
Amount Avg CF:			**63.850011**	Linear:			
Aroclor-1221					**3**	**32.05**	
2.80	2.82	2.84	2100.14	28.352416			1
2.86	2.87	2.90	2519.854	54.233617			2
2.92	2.95	2.96	7142.13	39.105295			3
Height Summation:			**11762.124**				
Amount Avg CF:			**40.563776**	Linear:			
Aroclor-1232					**6**	**161.46**	
2.92	2.95	2.96	7142.13	42.927301			1
3.12	3.15	3.16	2464.654	28.224704			2
3.25	3.26	3.29	1902.088	22.520866			3
3.40	3.42	3.44	4229.156	50.157331			4
3.44	3.46	3.48	7335.372	85.429683			5
3.57	3.59	3.61	33947.66	569.639662			6
Height Summation:			**57021.06**				
Amount Avg CF:			**133.149925**	Linear:			
Aroclor-1242					**6**	**139.11**	
2.92	2.95	2.96	7142.13	37.977738			1
3.12	3.15	3.16	2464.654	16.13807			2
3.25	3.26	3.29	1902.088	8.512176			3
3.40	3.42	3.44	4229.156	15.896487			4
3.44	3.46	3.48	7335.372	30.796229			5
3.57	3.59	3.61	33947.66	189.465344			6
Height Summation:			**57021.06**				
Amount Avg CF:			**49.797674**	Linear:			
Aroclor-1248					**6**	**145.03**	
3.44	3.46	3.48	7335.372	93.067811			1
3.51	3.53	3.55	5812.119	53.792136			2
3.55	3.56	3.59	25727.28	138.275006			3
3.67	3.69	3.71	12470.88	55.747093			4
+ 3.76	3.77	3.80	14474.07	93.570972			5
3.76	3.78	3.80	18103.9	117.036847			5
3.90	3.92	3.94	258599.1	878.847939			6
Height Summation:			**328048.651**				
Amount Avg CF:			**222.794472**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202647** ACF DF50 -109W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:23:54
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0089.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**32.14**	
5.29	5.31	5.33	425458.8	1806.642563			1
5.45	5.47	5.49	457307.3	2184.382466			2
5.69	5.71	5.73	1258373	2739.392009			3
5.89	5.91	5.93	838093.5	2673.088435			4
5.95	5.96	5.99	150420.8	953.501801			5
6.31	6.33	6.35	270989.2	1915.699832			6
Height Summation:			**3400642.6**				
Amount Avg CF:			**2045.451184**	Linear:			
Aroclor-1268					**6**	**95.36**	
5.89	5.91	5.93	838093.5	1490.106881			1
5.95	5.96	5.99	150420.8	309.282812			2
6.08	6.10	6.12	11662.6	24.987371			3
+ 6.14	6.15	6.18	20665.15	168.635965			4
6.14	6.18	6.18	186593.4	1522.677461			4
6.31	6.33	6.35	270989.2	1884.084623			5
6.51	6.53	6.55	52522.45	55.48097			6
Height Summation:			**1510281.95**				
Amount Avg CF:			**881.103353**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:23:54
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0089.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**68.23**	
4.20	4.22	4.24	252943.3	1083.958743			1
+ 4.26	4.26	4.30	98383.08	238.446236			2
4.26	4.28	4.30	1083590	2626.243829			2
4.35	4.37	4.39	1141854	5891.729461			3
4.42	4.44	4.46	418797.6	1643.3117			4
4.64	4.66	4.68	381814.1	2128.025752			5
4.72	4.74	4.76	1776654	6249.686577			6
Height Summation:			**5055653**				
Amount Avg CF:			**3270.492677**	Linear:			
Aroclor-1260					**6**	**20.80**	
4.35	4.37	4.39	1141854	3789.159171			1
4.49	4.51	4.53	1325355	3834.001536			2
4.60	4.61	4.64	969374.6	3468.0258			3
4.72	4.74	4.76	1776654	5267.203933			4
5.14	5.16	5.18	1327804	3048.960171			5
5.40	5.42	5.44	846917.5	3283.97151			6
Height Summation:			**7387959.1**				
Amount Avg CF:			**3781.88702**	Linear:			
Aroclor-1262					**6**	**29.79**	
4.76	4.77	4.80	412594.4	1250.998885			1
4.95	4.96	4.99	572496.2	1865.327194			2
5.14	5.16	5.18	1327804	2344.709989			3
5.36	5.37	5.40	239579.9	1169.722495			4
5.40	5.42	5.44	846917.5	2451.345868			5
5.78	5.80	5.82	251747	1702.546319			6
Height Summation:			**3651139**				
Amount Avg CF:			**1797.441792**	Linear:			
Aroclor-1268					**5**	**106.30**	
5.36	5.37	5.40	239579.9	408.267835			1
5.40	5.42	5.44	846917.5	1505.247024			2
5.56	5.57	5.60	27230.62	57.888719			3
5.78	5.80	5.82	251747	1561.126521			5
5.98	6.00	6.02	50496.91	45.501556			6
Height Summation:			**1415971.93**				
Amount Avg CF:			**715.606331**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2522.2552	489.6142		** 63.33	4	40	
Aroclor-1221			2522.2552	756.6765			3	40	
Aroclor-1232			2522.2552	608.3086		** 49.33	4	40	
Aroclor-1242			2522.2552	608.3086		35.09	4	40	
Aroclor-1248			2522.2552	489.6142		26.22	4	40	
Aroclor-1254			2522.2552	652.819		6.70	4	40	
Aroclor-1260			2522.2552	578.635		1.90	4	40	
Aroclor-1262			2522.2552	489.6142		12.91	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202647** ACF DF50 -109W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 09:23:54
Instrument	: CP 7--19843A
Result file	: 07PCBS17250008.0089.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 09:23:54
Instrument	: CP 7--19843B
Result file	: 07PCBS17250008B.0089.RAW
Calibration file	: 07PCBS1725001B.CAL
Method file	: 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1268			2522.2552	489.6142		20.73	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:23:54 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0089.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.642		4770	4926
1.748		6803	5694
1.797		1958	937
2.111		2715	2220
2.147		14308	25119
2.202		19777	16965
2.27		9071	5297
2.434		7466	6874
2.553		5382	4506
2.719		6072	4458
2.999	TCX	235622	154136
3.32		7407	5019
3.539		2923	2646
3.609		2029	1827
3.659		7853	5522
3.74		5446	3481
3.802		10495	9931
3.858		6484	4523
3.896		844	279
3.902		1669	339
3.929		21693	15914
3.966		20638	22978
4.057		9249	7107
4.111		12721	8847
4.143		26305	30415
4.189		3191	2329
4.219		4370	2392
4.249		8714	5958
4.27		11482	7572
4.308		205728	154758
4.326		15778	8509
4.354		91597	79962
4.421		156394	129932
4.464		456284	458269
4.498		218330	187815
4.54		26966	19119
4.562		32096	22184
4.604		173497	157778
4.655		142835	97686
4.672		70606	36106
4.686		54740	30489
4.717		1134620	1014640
4.766		283431	209590
4.78		48160	22217
4.802		103587	63895
4.842		1062948	988005
4.889		64495	55794
4.93		529484	522432
4.961		13436	7564
4.99		258894	253916
5.043		1132393	1539043
5.093		158540	139840
5.133		562239	611904

RT A	Compound A	Height A	Area A
5.176		74116	51337
5.213		124309	164815
5.246		1457561	1275501
5.268		60519	27434
5.287		36878	18617
5.312		425459	372132
5.354		291966	291764
5.426		3033	1455
5.451		263371	211327
5.473		457307	367770
5.53		311049	280826
5.568		200005	181138
5.589		5667	2234
5.608		17719	14641
5.65		206920	204231
5.681		33528	21977
5.707		1258373	1239696
5.793		9914	7803
5.827		5044	3935
5.85		3798	2534
5.911		838094	810500
5.941		58870	37419
5.964		150421	163963
6.076		21061	17145
6.101		11663	8110
6.128		2648	1685
6.153		20665	15996
6.18		186593	175407
6.215		4187	2295
6.243		7628	6615
6.306		7493	5063
6.335		270989	280982
6.38		16203	14915
6.534		52522	51500
6.599		1081	412
6.646		2574	2500
6.681	DCB	92392	93785
6.717		3505	2855
6.95		1809	2832
7.068		1340	484
7.101		1417	1369
7.162		1242	303
7.196		1459	411
7.345		1525	626
7.395		1731	413
7.412		1504	690
7.505		1933	1066
7.605		1204	629
7.655		1281	721
7.681		2303	626
7.769		1512	360
7.863		1319	292
7.933		1707	417
7.969		1864	886
8.039		1597	812
8.295		1620	520
8.308		1589	447
8.451		1461	590
8.529		1977	592
8.652		1586	430

LANCASTER LABORATORIES

Sample Number: 9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:23:54 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0089.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.527		4266	3342
1.91		20058	18036
1.959		2646	2081
1.993		9625	6337
2.03		10479	16274
2.151		4371	2702
2.269		7315	8269
2.345		8273	12436
2.401		7101	4807
2.51		2189	3085
2.628		2056	1383
2.651	TCX	235258	143026
2.824		2100	1619
2.868		2520	1681
2.947		7142	6594
3.148		2465	4517
3.216		3324	1991
3.264		1902	996
3.303		6881	5235
3.361		6127	4553
3.422		4229	3514
3.459		7335	7186
3.531		5812	3931
3.565		25727	15414
3.59		33948	26675
3.692		12471	8916
3.714		5125	2687
3.736		14630	9709
3.767		14474	7864
3.783		18104	10759
3.822		12547	9706
3.865		15491	12543
3.895		12410	7370
3.916		258599	169139
3.942		28573	15914
3.961		59563	32471
3.981		155926	99543
4.017		466167	330957
4.048		211449	132644
4.066		54155	26817
4.088		28881	17173
4.128		35356	29135
4.162		145059	109253
4.183		12640	6902
4.22		252943	188392
4.262		98383	112370
4.28		1083590	975350
4.318		226422	193648
4.372		1141854	936042
4.41		70763	66840
4.442		418798	298909
4.467		340052	242515
4.51		1325355	1101277
4.612		969375	1013705

4.664		381814	327349
4.704		369518	326208
4.742		1776654	1542129
4.774		412594	286140
4.813		334540	269120
4.872		14942	18036
4.913		78721	52634
4.931		43116	26348
4.965		572496	447226
4.989		338392	247898
5.04		411819	352559
5.074		192829	150847
5.105		127618	101019
5.137		122207	75418
5.159		1327805	1109990
5.199		23201	15275
5.231		44998	37165
5.295		9677	6491
5.328		6298	4298
5.353		7392	5191
5.374		239580	198221
5.417		846918	1003885
5.573		27231	24023
5.62		23168	20144
5.666		31648	22290
5.691		126070	105245
5.771		7171	4697
5.798		251747	220083
5.829		11375	7878
5.998		50497	46328
6.158	DCB	100525	91776
6.193		4660	4311
6.36		4677	8250
6.636		2888	2769
6.941		1611	1622
7.625		3236	3802
7.724		1394	3252
7.925		1426	1527
8.193		2637	5499
8.295		7838	13904
8.514		4707	8281

9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082

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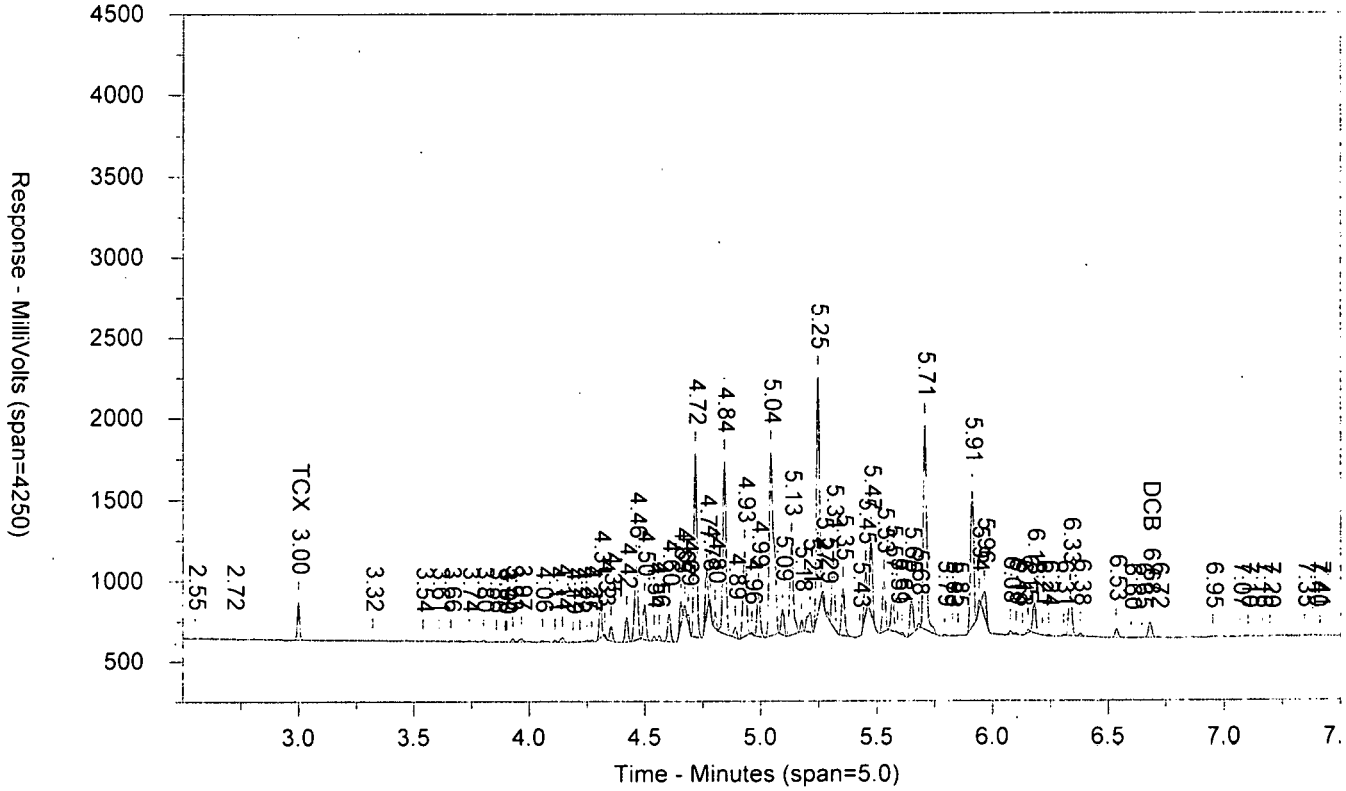

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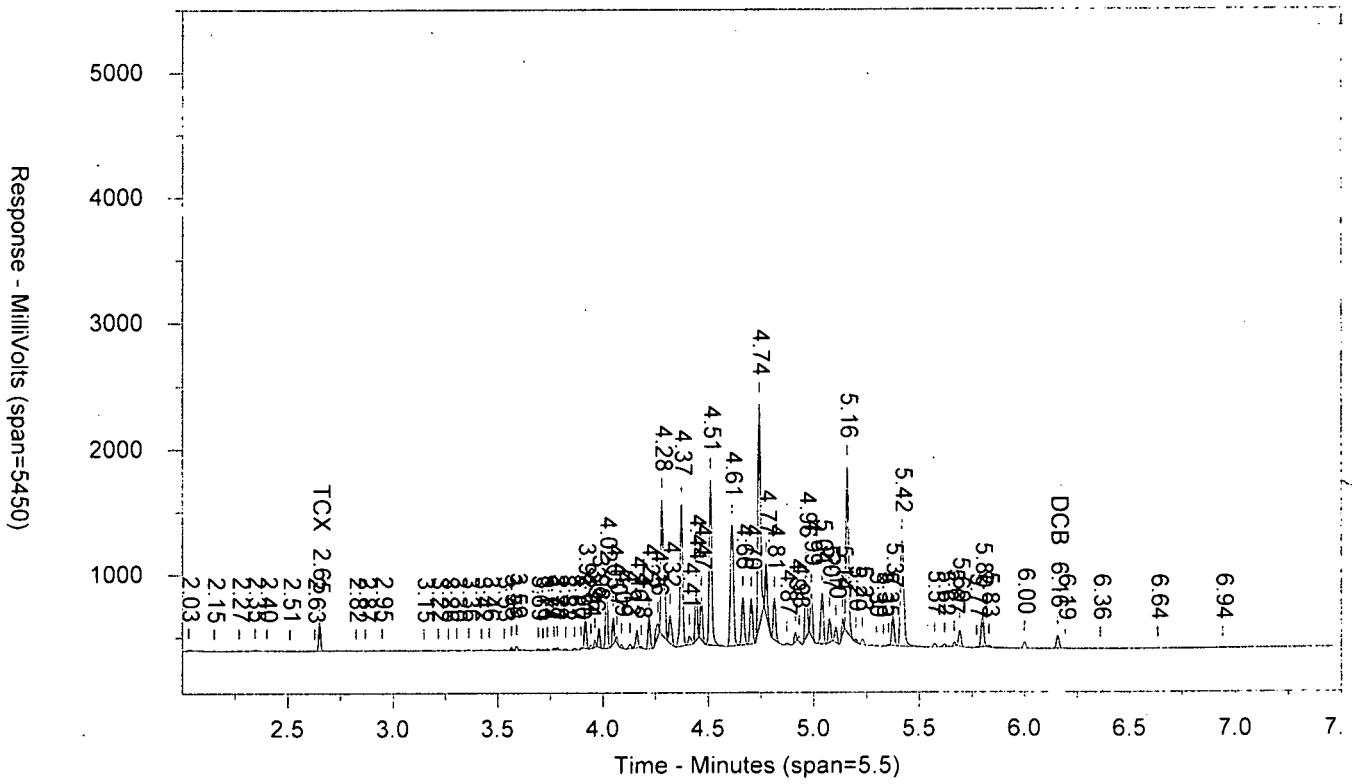

LANCASTER LABORATORIES

Sample Number: 9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:23:54 AM
Sample Weight: 10.11
Instrument ID: CP7-19843A
Dilution Factor: 500
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	235622	30.787	TCX	2.651	235258	29.939	TCX
6.681	92392	33.852	DCB	6.158	100525	31.208	DCB

Files:
Area File: 07pcbs17250008.0089.RAW
Area File: 07pcbs17250008B.0089.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:04:58 AM

9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082

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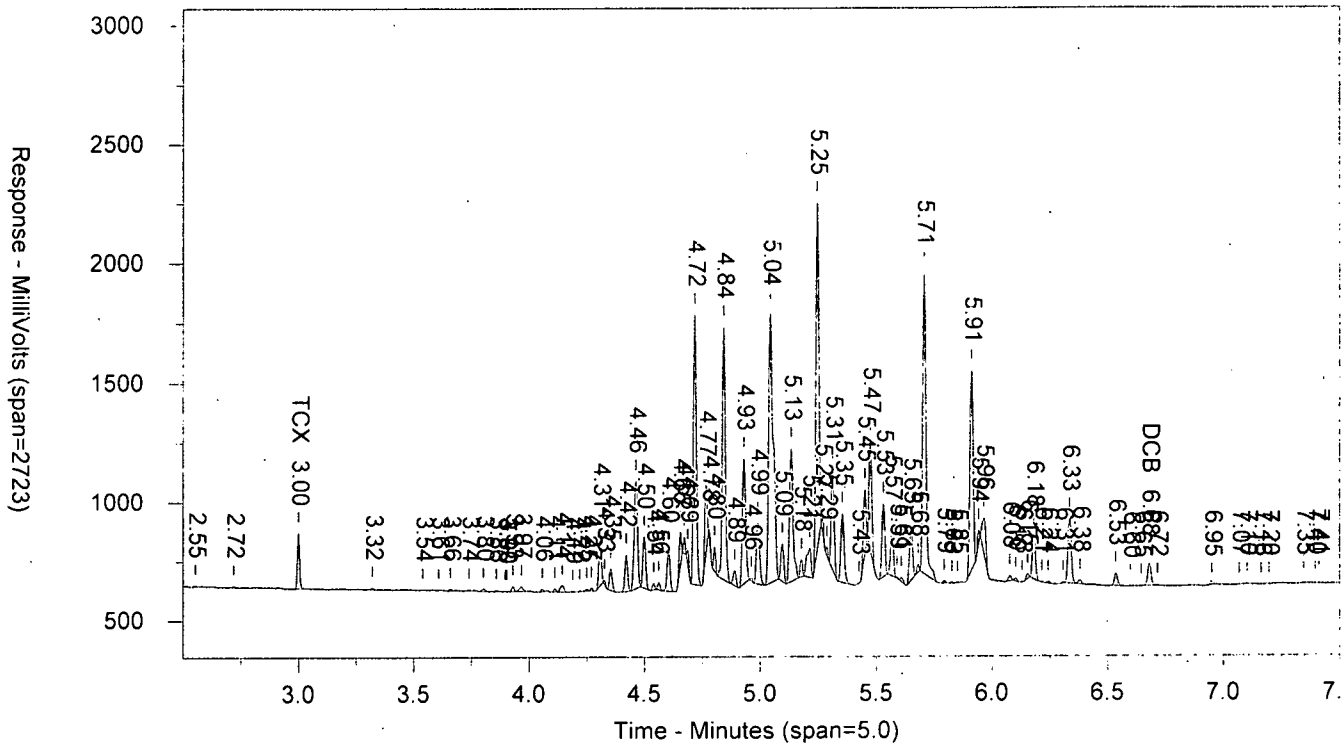

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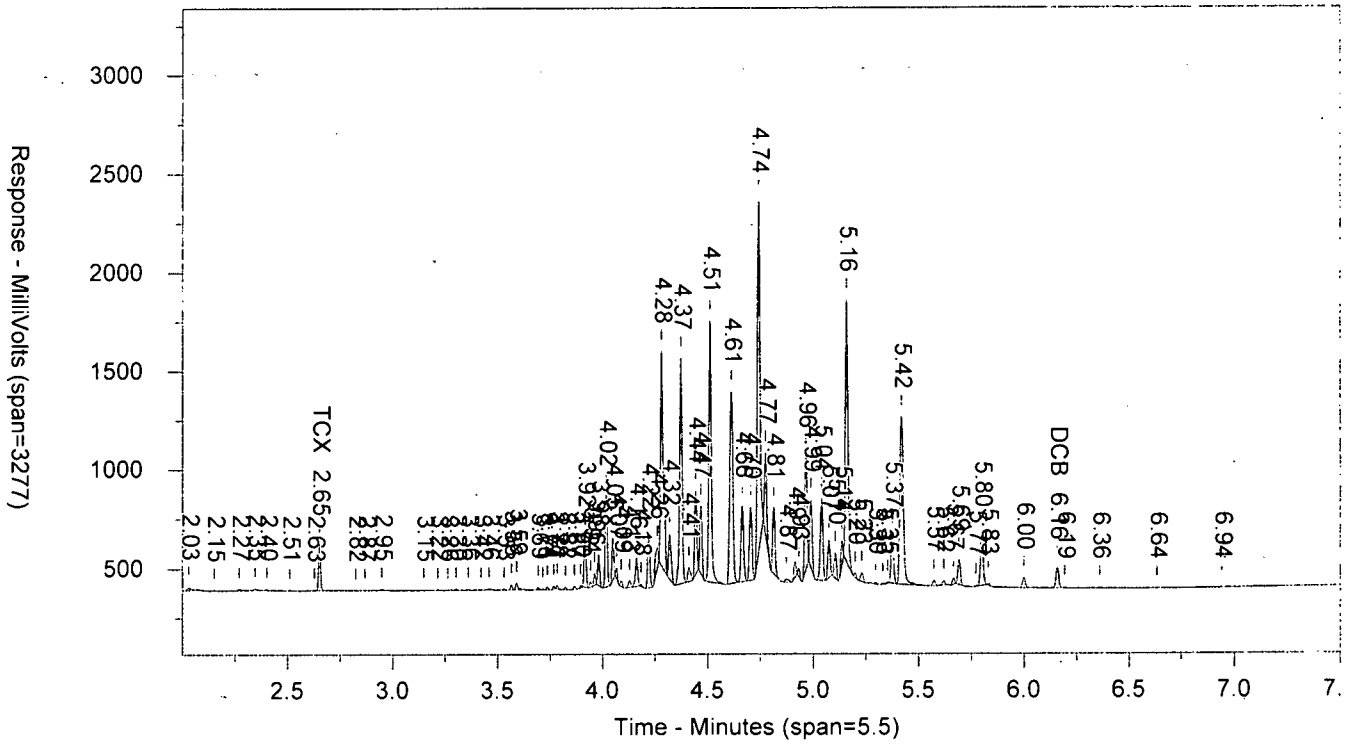

9202647 ACF DF50 AC-109W T 172560012A 10225 SW-846 8082

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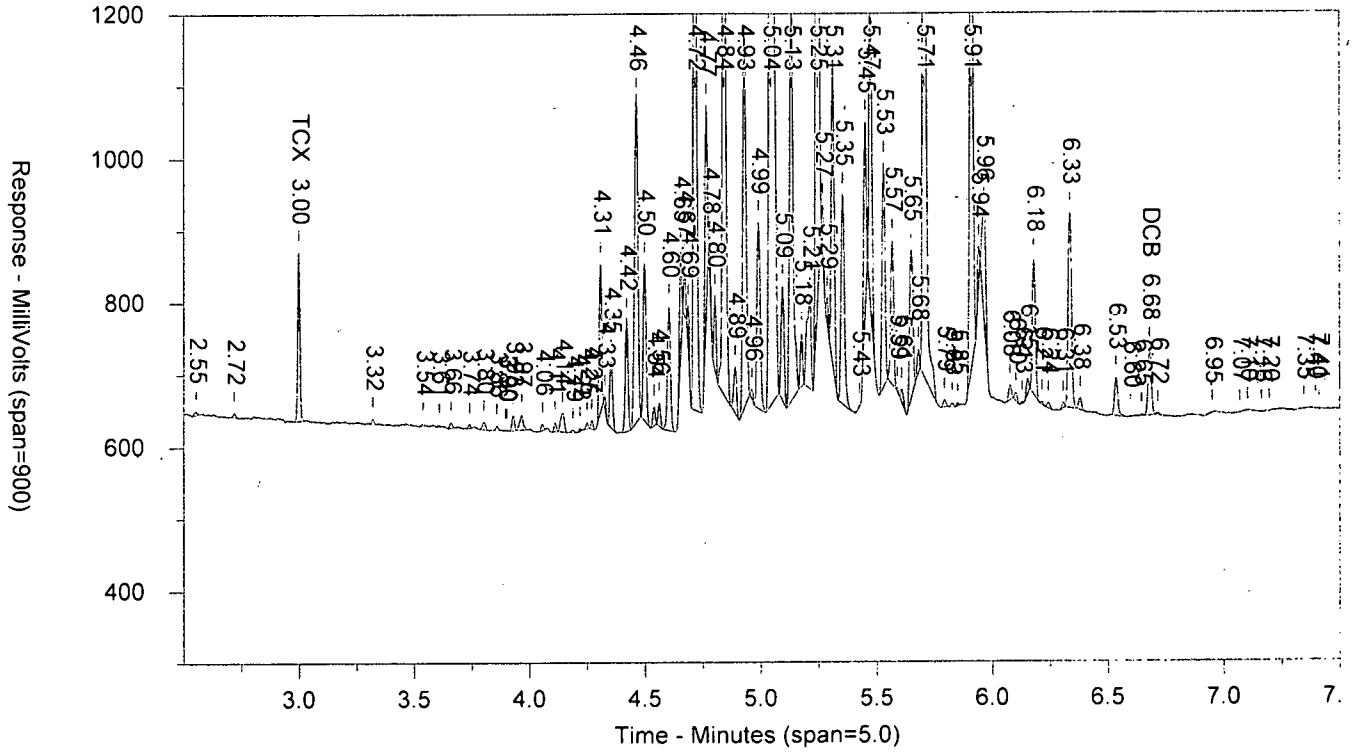

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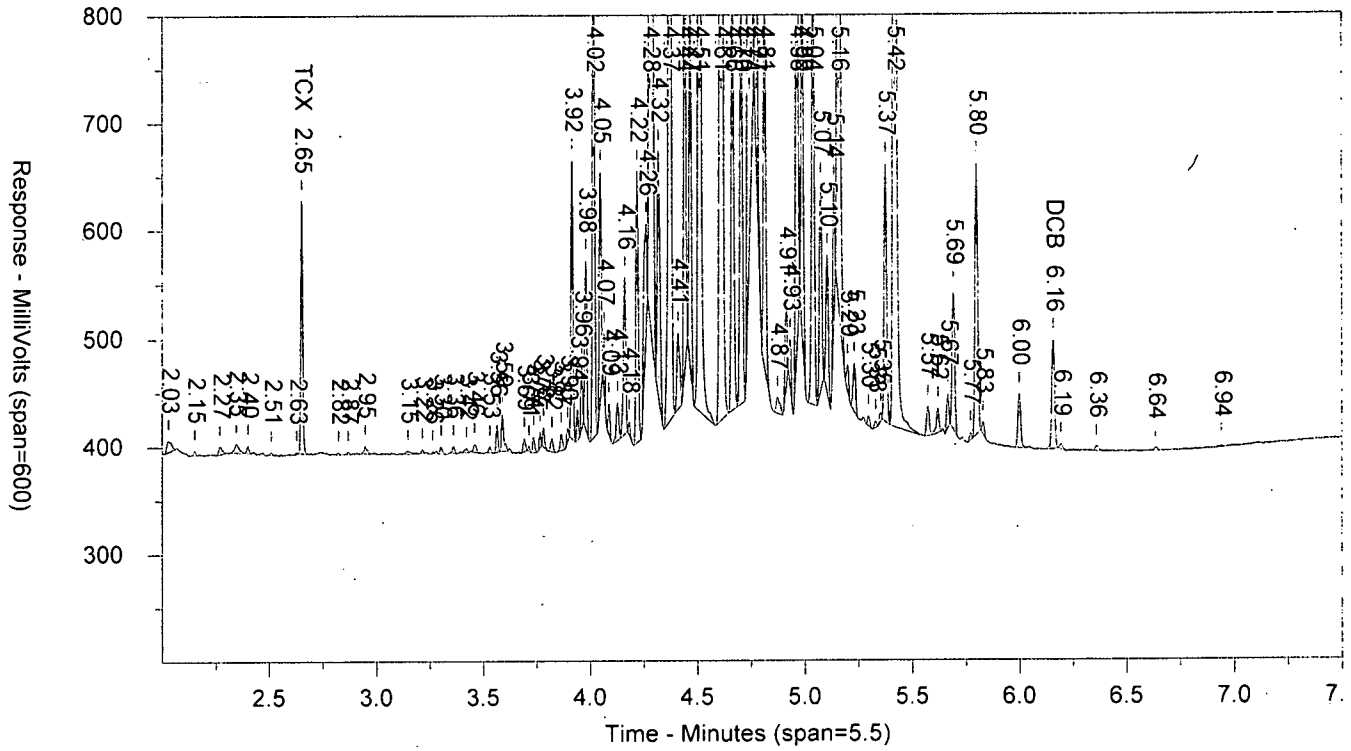

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Data Summary

Sample Name: 9202648 ACF DF50 -109E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.24 g Total Volume: 500 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:35:19
Instrument	19843A
Result file	07PCBS17250008.0090.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 76% (61 - 152) Conc: 22.80606
%SSR(DCB) 143% (48 - 164) Conc: 38.01676

Analysis Report (B)

Injected on	Sep 18, 2017 09:35:19
Instrument	19843B
Result file	07PCBS17250008B.0090.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 83% (61 - 152) Conc: 24.63015
%SSR(DCB) 105% (48 - 164) Conc: 27.70279

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	176787	22.80606	Tetrachloro-m-xylene	2.62	2.65	2.68	196031	24.63015
Decachlorobiphenyl	6.65	6.68	6.71	105092	38.01676	Decachlorobiphenyl	6.13	6.16	6.19	90382	27.70279

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	24.63015				7.69	
☑	Tetrachloro-m-xylene-D1	A	22.80606					
☑	Tetrachloro-m-xylene-D2	B	24.63015					
☐	Decachlorobiphenyl	A	38.01676				31.39	
☑	Decachlorobiphenyl-D1	A	38.01676					
☑	Decachlorobiphenyl-D2	B	27.70279					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**21.10**	
4.82	4.84	4.86	2444966	8202.558595			1
5.02	5.04	5.06	2806329	9591.440243			2
5.23	5.25	5.27	3238888	11666.190218			3
5.45	5.47	5.49	1068286	6644.73536			4
5.69	5.71	5.73	2987272	7587.367382			5
5.89	5.91	5.93	1968310	7644.575048			6

Height summation: **14514051**
Concentration CF: **8556.144474** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.03**	
4.35	4.37	4.39	2697481	8837.753104			1
4.49	4.51	4.53	3177721	9075.844047			2
4.60	4.61	4.64	2081043	7350.602479			3
4.72	4.74	4.76	3781776	11069.404959			4
5.14	5.16	5.18	3082847	6989.095083			5
5.40	5.42	5.44	1958022	7495.956195			6

Height summation: **16778890**
Concentration CF: **8469.775978** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2490.2344	<483.3984	D1		4	
☑	PCB-1221			<2490.2344	<747.0703	D1		3	
☑	PCB-1232			<2490.2344	<600.5859	D1		4	
☑	PCB-1242			<2490.2344	<600.5859	D1		4	
☑	PCB-1248			<2490.2344	<483.3984	D1		4	
☑	PCB-1254			<2490.2344	<644.5313	D1		4	
☑	PCB-1260	A	8556.144474	2490.2344	571.2891	D1	1.01	4	

Units: ug/kg

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

Valerie L Tomayko
Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:45

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202648 ACF DF50 -109E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.24 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0090.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 76% (61-152) Conc.: 22.80606
%SSR(DCB) : 143% (48-164) Conc.: 38.01676

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**148.30**	
3.23	3.24	3.27	6813.727	50.606559			1
+ 3.45	3.47	3.49	10379.62	75.314434			2
3.45	3.48	3.49	16840.98	122.198006			2
3.56	3.58	3.60	21368.85	130.066718			3
3.74	3.77	3.78	124753.7	775.595136			4
3.78	3.81	3.82	91391.68	484.135396			5
3.91	3.93	3.95	344479.8	2974.957596			6
Height Summation:			**605648.737**				
Amount Avg CF:			**756.259902**	Linear:			
Aroclor-1221					**3**	**70.78**	
+ 3.13	3.13	3.17	3235.451	51.900801			1
+ 3.13	3.15	3.17	2356.335	37.798648			1
3.13	3.16	3.17	6917.597	110.967165			1
3.18	3.21	3.22	11823.92	207.356377			2
3.23	3.24	3.27	6813.727	39.23145			3
Height Summation:			**25555.244**				
Amount Avg CF:			**119.184997**	Linear:			
Aroclor-1232					**6**	**159.16**	
3.23	3.24	3.27	6813.727	43.136106			1
+ 3.45	3.47	3.49	10379.62	157.363327			2
3.45	3.48	3.49	16840.98	255.322703			2
3.56	3.58	3.60	21368.85	270.370817			3
3.74	3.77	3.78	124753.7	1682.65769			4
3.78	3.81	3.82	91391.68	987.78188			5
3.91	3.93	3.95	344479.8	7396.11651			6
Height Summation:			**605648.737**				
Amount Avg CF:			**1772.564284**	Linear:			
Aroclor-1242					**6**	**154.13**	
3.23	3.24	3.27	6813.727	37.795437			1
+ 3.45	3.47	3.49	10379.62	57.271448			2
3.45	3.48	3.49	16840.98	92.923182			2
3.56	3.58	3.60	21368.85	98.916215			3
3.74	3.77	3.78	124753.7	524.091045			4
3.78	3.81	3.82	91391.68	350.000696			5
3.91	3.93	3.95	344479.8	2337.34293			6
Height Summation:			**605648.737**				
Amount Avg CF:			**573.511584**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0090.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 83% (61-152) Conc.: 24.63015
%SSR(DCB) : 105% (48-164) Conc.: 27.70279

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**121.60**	
2.92	2.95	2.96	71158.06	516.606001			1
3.12	3.14	3.16	9828.88	56.10768			2
+ 3.12	3.15	3.16	9763.716	55.735695			2
3.25	3.26	3.29	52873.51	305.358661			3
+ 3.40	3.42	3.44	86689.64	467.132044			4
* 3.40	3.44	3.44	111482.7	600.730854			4
* 3.44	3.44	3.48	111482.7	639.596924			5
+ 3.44	3.46	3.48	9070.716	52.04038			5
+ 3.44	3.47	3.48	80753.8	463.299526			5
+ 3.57	3.59	3.61	398201.9	2773.610755			6
3.57	3.61	3.61	403921.1	2813.446915			6
Height Summation:			**760746.95**				
Amount Avg CF:			**821.974506**	Linear:			
Aroclor-1221					**3**	**72.14**	
2.80	2.82	2.84	7902.365	105.329519			1
2.86	2.87	2.90	6664.513	141.616159			2
2.92	2.95	2.96	71158.06	384.66539			3
Height Summation:			**85724.938**				
Amount Avg CF:			**210.537023**	Linear:			
Aroclor-1232					**6**	**142.23**	
2.92	2.95	2.96	71158.06	422.261154			1
3.12	3.14	3.16	9828.88	111.129324			2
+ 3.12	3.15	3.16	9763.716	110.392554			2
3.25	3.26	3.29	52873.51	618.078758			3
+ 3.40	3.42	3.44	86689.64	1015.077299			4
* 3.44	3.44	3.48	111482.7	1281.873965			5
* 3.40	3.44	3.44	111482.7	1305.387334			4
+ 3.44	3.46	3.48	9070.716	104.298826			5
+ 3.44	3.47	3.48	80753.8	928.540426			5
+ 3.57	3.59	3.61	398201.9	6596.975987			6
3.57	3.61	3.61	403921.1	6691.725473			6
Height Summation:			**760746.95**				
Amount Avg CF:			**1738.409335**	Linear:			
Aroclor-1242					**6**	**126.55**	
2.92	2.95	2.96	71158.06	373.574			1
3.12	3.14	3.16	9828.88	63.540534			2
+ 3.12	3.15	3.16	9763.716	63.11927			2
3.25	3.26	3.29	52873.51	233.614255			3
+ 3.40	3.42	3.44	86689.64	321.710954			4
* 3.40	3.44	3.44	111482.7	413.71963			4
* 3.44	3.44	3.48	111482.7	462.097989			5
+ 3.44	3.46	3.48	9070.716	37.598297			5
+ 3.44	3.47	3.48	80753.8	334.726093			5
+ 3.57	3.59	3.61	398201.9	2194.191182			6
3.57	3.61	3.61	403921.1	2225.705392			6
Height Summation:			**760746.95**				
Amount Avg CF:			**628.708634**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202648 ACF DF50 -109E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.24 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0090.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	109.91	
3.78	3.81	3.82	91391.68	982.100995			1
3.84	3.86	3.88	34925.91	352.81089			2
+ 3.84	3.88	3.88	3485.636	35.210832			2
3.91	3.93	3.95	344479.8	2089.884936			3
4.03	4.06	4.07	181885.2	977.224165			4
4.12	4.15	4.16	203940.8	1265.581569			5
4.30	4.31	4.34	1091699	6342.486035			6
+ 4.30	4.33	4.34	132122.9	767.599538			6
Height Summation:			**1948322.39**				
Amount Avg CF:			**2001.681432**	Linear:			
Aroclor-1254					6	62.42	
4.29	4.31	4.32	1091699	5882.072796			1
4.63	4.65	4.67	515169.6	2617.290417			2
+ 4.63	4.67	4.67	139886.5	710.685561			2
4.69	4.72	4.73	2683801	6445.036065			3
4.91	4.93	4.95	1568509	6161.890635			4
5.11	5.13	5.15	1316010	9035.65174			5
5.23	5.25	5.27	3238888	16928.359094			6
Height Summation:			**10414076.6**				
Amount Avg CF:			**7845.050124**	Linear:			
Aroclor-1260					6	21.10	
4.82	4.84	4.86	2444966	8202.558595			1
5.02	5.04	5.06	2806329	9591.440243			2
5.23	5.25	5.27	3238888	11666.190218			3
5.45	5.47	5.49	1068286	6644.73536			4
5.69	5.71	5.73	2987272	7587.367382			5
5.89	5.91	5.93	1968310	7644.575048			6
Height Summation:			**14514051**				
Amount Avg CF:			**8556.144474**	Linear:			
Aroclor-1262					6	33.98	
5.29	5.31	5.33	943892.2	3957.202939			1
5.45	5.47	5.49	1068286	5038.012998			2
5.69	5.71	5.73	2987272	6420.528236			3
5.89	5.91	5.93	1968310	6198.199524			4
5.95	5.96	5.99	334033.1	2090.519999			5
6.31	6.33	6.35	640708.6	4471.850033			6
Height Summation:			**7942501.9**				
Amount Avg CF:			**4696.052288**	Linear:			
Aroclor-1268					6	96.65	
5.89	5.91	5.93	1968310	3455.171794			1
5.95	5.96	5.99	334033.1	678.091958			2
6.08	6.10	6.12	20665.43	43.714029			3
+ 6.14	6.15	6.18	60727.28	489.267839			4
6.14	6.18	6.18	403883.2	3254.008091			4
6.31	6.33	6.35	640708.6	4398.050122			5
6.51	6.53	6.55	118535.5	123.622836			6
Height Summation:			**3486135.83**				
Amount Avg CF:			**1992.109805**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0090.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	91.78	
3.44	3.44	3.48	111482.7	1396.484229			1
+ 3.44	3.46	3.48	9070.716	113.624014			1
+ 3.44	3.47	3.48	80753.8	1011.559714			1
3.51	3.53	3.55	41581.74	379.960233			2
3.55	3.57	3.59	361443.8	1917.969912			3
3.67	3.69	3.71	204296.8	901.64979			4
+ 3.76	3.77	3.80	27817.38	177.548862			5
3.76	3.78	3.80	174024.4	1110.738476			5
3.90	3.92	3.94	1466926	4922.051284			6
Height Summation:			**2359755.44**				
Amount Avg CF:			**1771.475654**	Linear:			
Aroclor-1254					6	60.00	
4.20	4.22	4.24	799981.8	3384.705429			1
+ 4.26	4.26	4.30	238481.2	570.657335			2
4.26	4.28	4.30	2415969	5781.128368			2
4.35	4.37	4.39	2697481	13741.742689			3
4.42	4.44	4.46	1340316	5192.472011			4
4.64	4.66	4.68	821714.8	4521.652939			5
4.72	4.74	4.76	3781776	13134.16235			6
Height Summation:			**11857238.6**				
Amount Avg CF:			**7625.977298**	Linear:			
Aroclor-1260					6	18.03	
4.35	4.37	4.39	2697481	8837.753104			1
4.49	4.51	4.53	3177721	9075.844047			2
4.60	4.61	4.64	2081043	7350.602479			3
4.72	4.74	4.76	3781776	11069.404959			4
5.14	5.16	5.18	3082847	6989.095083			5
5.40	5.42	5.44	1958022	7495.956195			6
Height Summation:			**16778890**				
Amount Avg CF:			**8469.775978**	Linear:			
Aroclor-1262					6	31.23	
4.76	4.77	4.80	997929.1	2987.3388			1
4.95	4.96	4.99	1270766	4087.889979			2
5.14	5.16	5.18	3082847	5374.75078			3
5.36	5.37	5.40	492717.4	2375.098148			4
5.40	5.42	5.44	1958022	5595.414331			5
5.78	5.80	5.82	599555.4	4003.272471			6
Height Summation:			**8401836.9**				
Amount Avg CF:			**4070.627418**	Linear:			
Aroclor-1268					6	113.95	
5.36	5.37	5.40	492717.4	828.97968			1
5.40	5.42	5.44	1958022	3435.859817			2
5.56	5.57	5.60	56087.81	117.721583			3
+ 5.62	5.64	5.66	10382.74	89.520577			4
5.62	5.66	5.66	64329.7	554.654348			4
5.78	5.80	5.82	599555.4	3670.745844			5
5.98	6.00	6.02	109758.6	97.645267			6
Height Summation:			**3280470.91**				
Amount Avg CF:			**1450.934423**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202648 ACF DF50 -109E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.24 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0090.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 09:35:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0090.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2490.2344	483.3984		8.33	4	40	
Aroclor-1221			2490.2344	747.0703		** 55.41	3	40	
Aroclor-1232			2490.2344	600.5859		1.95	4	40	
Aroclor-1242			2490.2344	600.5859		9.18	4	40	
Aroclor-1248			2490.2344	483.3984		12.20	4	40	
Aroclor-1254			2490.2344	644.5313		2.83	4	40	
Aroclor-1260			2490.2344	571.2891		1.01	4	40	
Aroclor-1262			2490.2344	483.3984		14.27	4	40	
Aroclor-1268			2490.2344	483.3984		31.44	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:35:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0090.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.525		6183	4697
1.58		3294	3865
1.641		74702	71023
1.693		3449	2670
1.748		38078	30270
1.794		7073	6707
1.875		5385	2817
1.895		12379	7965
1.919		7998	5856
1.944		5511	4355
1.985		10914	7453
2.004		14756	12218
2.052		18280	11709
2.069		26193	28900
2.114		28597	45504
2.141		20603	24374
2.158		20495	16666
2.176		26969	29799
2.197		20274	17613
2.216		19694	22650
2.241		8469	5491
2.269		36807	20683
2.291		8417	4292
2.324		8787	4760
2.347		22339	30497
2.381		28928	22105
2.412		13971	9241
2.447		36271	45944
2.499		17366	20790
2.516		19703	23940
2.549		18142	23769
2.586		11822	10031
2.606		7207	3510
2.625		4893	3309
2.676		9552	7963
2.7		18188	18741
2.719		14136	6192
2.735		9391	4562
2.759		6511	3182
2.771		8737	11710
2.804		21198	18368
2.825		4281	2678
2.856		8709	3529
2.873		15497	11321
2.895		6550	5749
2.949		8381	5800
2.962		6284	2538
2.976		7665	2710
2.999	TCX	176787	113708
3.05		9858	8651
3.072		14040	17191
3.115		7026	8219
3.134		3235	1390

RT A	Compound A	Height A	Area A
3.149		2356	1098
3.164		6918	4064
3.182		9154	8710
3.208		11824	6295
3.226		6658	2880
3.244		6814	6286
3.276		3807	1563
3.305		6015	4563
3.32		57304	31502
3.342		8380	5880
3.379		4805	4275
3.396		4167	1893
3.42		9708	8887
3.445		7065	5157
3.468		10380	5801
3.484		16841	9946
3.503		2849	1083
3.536		6713	3899
3.585		21369	13110
3.608		4331	2102
3.635		5803	3037
3.657		22532	14711
3.678		7135	5540
3.709		7772	6799
3.771		124754	160055
3.807		91392	81808
3.86		34926	24714
3.877		3486	2128
3.901		44134	33076
3.929		344480	249064
3.956		322303	216644
3.979		288781	203606
4.055		181885	127786
4.08		136492	96018
4.111		215952	157320
4.146		203941	192672
4.189		46575	44547
4.219		30505	27203
4.25		7848	3874
4.272		78595	56419
4.308		1091699	807234
4.326		132123	64827
4.352		724476	613047
4.392		3069	2110
4.421		450561	382933
4.464		1742384	1712586
4.498		875730	735941
4.538		120211	85466
4.562		134223	97410
4.603		572067	518011
4.655		515170	376637
4.672		139887	68466
4.685		77970	47086
4.717		2683801	2274354
4.765		708573	546239
4.801		312093	212132
4.842		2444967	2264162
4.889		224276	199330
4.93		1568509	1493577
4.962		42195	26127
4.989		562558	524095
5.042		2806329	3589063
5.093		374426	328319
5.131		1316010	1355250
5.175		120286	84002
5.213		269457	343416

RT A	Compound A	Height A	Area A
5.246		3238888	2775827
5.268		129242	66168
5.287		83513	41618
5.311		943892	836215
5.353		647850	656165
5.449		514328	393390
5.472		1068286	847136
5.529		694746	627283
5.567		475543	459841
5.607		66233	75002
5.648		559040	524116
5.679		58127	43136
5.706		2987273	2855532
5.794		6458	6355
5.868		1792	2039
5.911		1968310	1803587
5.94		185017	117035
5.965		334033	357439
6.075		48237	40787
6.099		20665	15321
6.129		3682	2245
6.152		60727	47097
6.18		403883	367009
6.243		17633	18262
6.282		1824	996
6.305		12280	8289
6.333		640709	626030
6.378		45375	40906
6.418		1786	1113
6.534		118536	108517
6.62		1432	1503
6.648		5859	5032
6.682	DCB	105092	102289
6.715		6398	4451
6.854		1651	1632
6.934		7205	8105
7.014		1296	815
7.094		1285	424
7.146		1305	1380
7.195		1643	678
7.244		1552	756
7.381		1295	523
7.465		2734	1970
7.52		741	1710
7.54		1323	372
7.748		1684	457
7.775		1784	739
7.897		1661	712
7.921		1389	355
7.981		1237	459
8.094		7740	15023
8.275		1484	490
8.303		1881	381
8.325		1530	845
8.375		2006	1301
8.405		1641	571
8.526		1698	1011
8.586		2330	991

LANCASTER LABORATORIES

Sample Number: 9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:35:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0090.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		34830	37935
1.567		7051	7073
1.591		3891	2532
1.615		11350	11275
1.683		10474	16284
1.71		6994	5925
1.75		12195	18782
1.77		13624	17247
1.805		11113	12330
1.832		15687	13399
1.869		13583	20947
1.912		16353	18450
1.939		12867	9913
1.966		12433	12263
1.994		43627	38466
2.04		17437	34669
2.06		6757	3189
2.086		9889	9500
2.104		11416	8999
2.137		13714	17225
2.203		9563	9043
2.225		6286	3531
2.247		4752	3058
2.267		12717	6948
2.327		6176	6249
2.346		13834	23803
2.401		26267	15565
2.418		4155	5521
2.48		3767	2119
2.498		5287	3033
2.525		6860	4187
2.574		10337	10862
2.6		4245	3907
2.628		2620	1559
2.652	TCX	196031	116525
2.712		5433	2645
2.739		8418	10880
2.798		1824	1125
2.822		7902	4987
2.846		4185	2467
2.869		6665	6439
2.907		5123	2957
2.948		71158	55799
2.988		4133	2577
3.01		3540	1733
3.047		6972	11289
3.072		3518	3337
3.109		4037	3482
3.143		9829	4720
3.154		9764	4158
3.194		2364	1311
3.217		8295	9166
3.263		52874	47098
3.303		26188	23919

3.348	6918	3978
3.391	4318	3101
3.423	86690	58016
3.442	111483	59053
3.456	9071	2963
3.472	80754	44258
3.531	41582	33097
3.565	361444	224050
3.588	398202	217216
3.606	403921	224390
3.691	204297	126919
3.715	140740	76281
3.735	226269	165594
3.766	27817	13386
3.783	174024	115589
3.823	63647	50821
3.865	72637	55614
3.895	94825	53898
3.916	1466926	955670
3.942	425438	255005
3.962	329351	180744
3.981	403893	247236
4.017	1845129	1238066
4.049	809209	519564
4.066	283877	147547
4.089	123406	76076
4.128	156837	122425
4.162	499857	377452
4.183	35562	18750
4.219	799982	575409
4.262	238481	248080
4.28	2415969	2155798
4.319	456546	443150
4.372	2697481	2141440
4.41	219158	190695
4.442	1340316	905346
4.467	719511	509748
4.51	3177721	2548101
4.612	2081043	2135633
4.663	821715	682449
4.704	735141	644707
4.742	3781776	3127439
4.774	997929	670735
4.813	811632	629435
4.873	20145	25173
4.912	174254	117950
4.929	93856	56044
4.964	1270766	987362
4.988	572858	410559
5.038	850413	742413
5.074	417427	340290
5.104	283187	224898
5.136	312918	191502
5.157	3082847	2481305
5.199	67445	46919
5.23	102054	81793
5.27	5049	3410
5.35	24581	14530
5.373	492717	422297
5.417	1958022	2091624
5.572	56088	47177
5.619	64153	52222
5.641	10383	5506
5.664	64330	44894
5.691	289453	239906
5.732	4188	3966
5.771	11342	7321

5.798		599555	500263
5.829		33865	24945
5.998		109759	95528
6.157	DCB	90382	78568
6.194		9509	9548
6.289		2126	7847
6.333		2086	998
6.36		24703	21757
6.524		2287	2441
6.6		10827	9958
6.695		2079	1761
6.765		2208	2475
6.888		1986	2851
7.123		1621	3338
7.327		1653	1819
7.622		10903	15175
8.086		1343	2282
8.196		2806	5344
8.293		8899	15266
8.507		1716	1249

9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082

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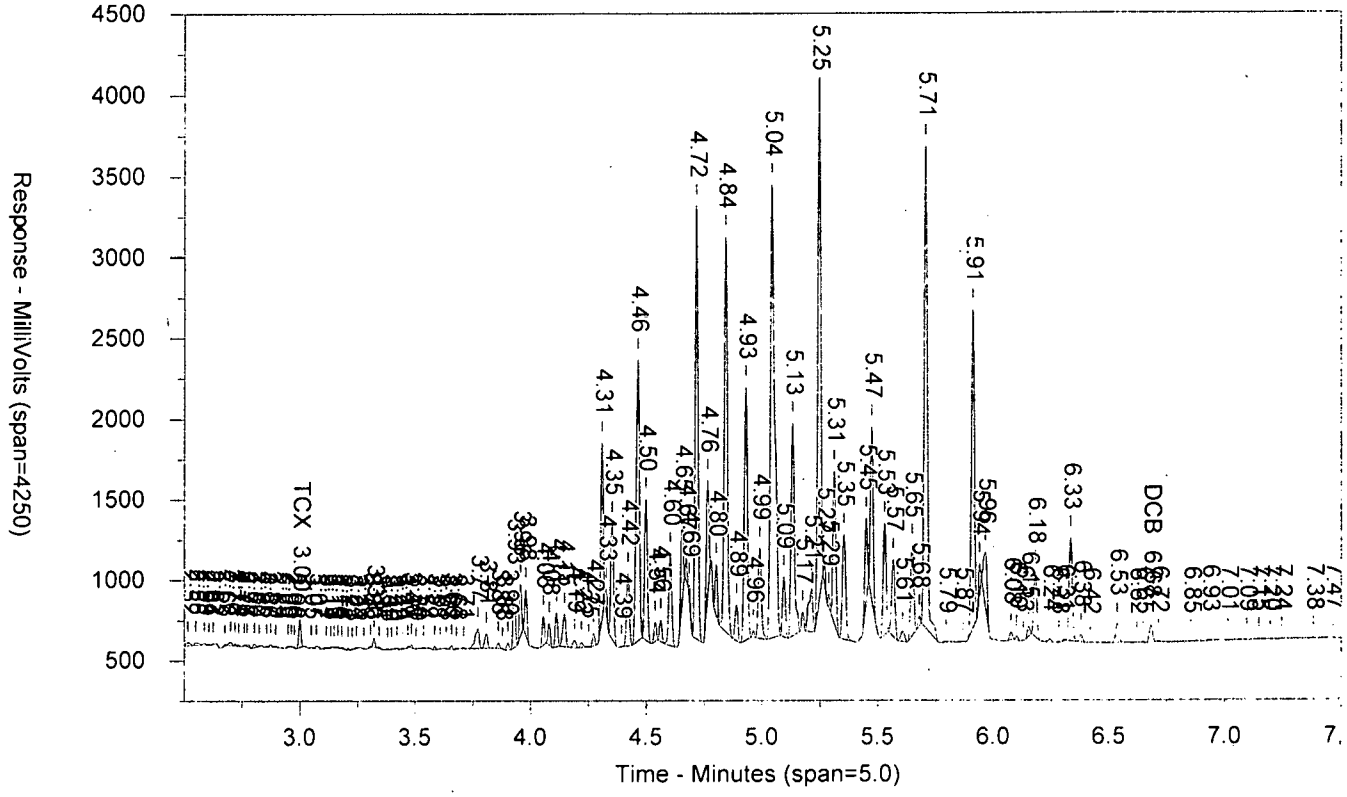

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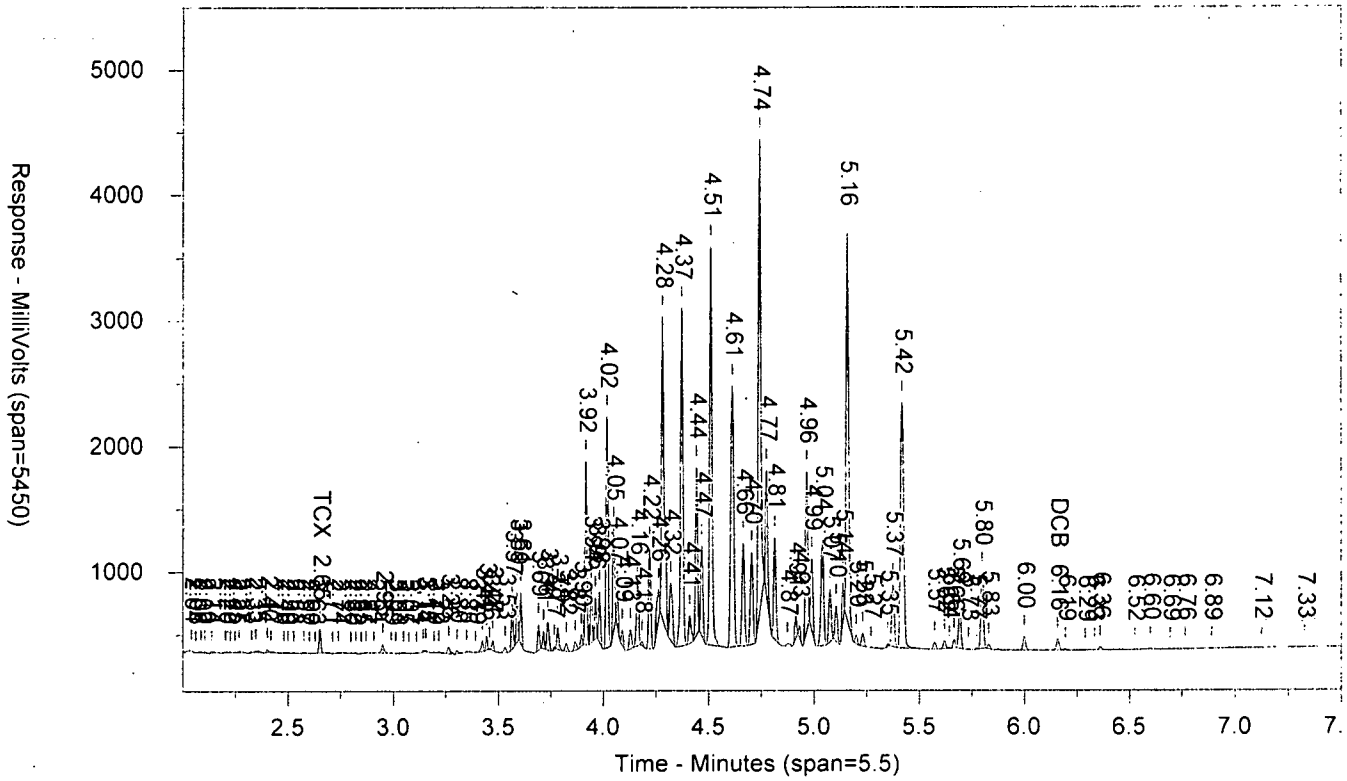

LANCASTER LABORATORIES

Sample Number: 9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:35:19 AM
Sample Weight: 10.24
Instrument ID: CP7-19843A
Dilution Factor: 500
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	176787	22.806	TCX	2.652	196031	24.63	TCX
6.682	105092	38.017	DCB	6.157	90382	27.703	DCB

Files:
Area File: 07pcbs17250008.0090.RAW
Area File: 07pcbs17250008B.0090.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:05:18 AM

9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082

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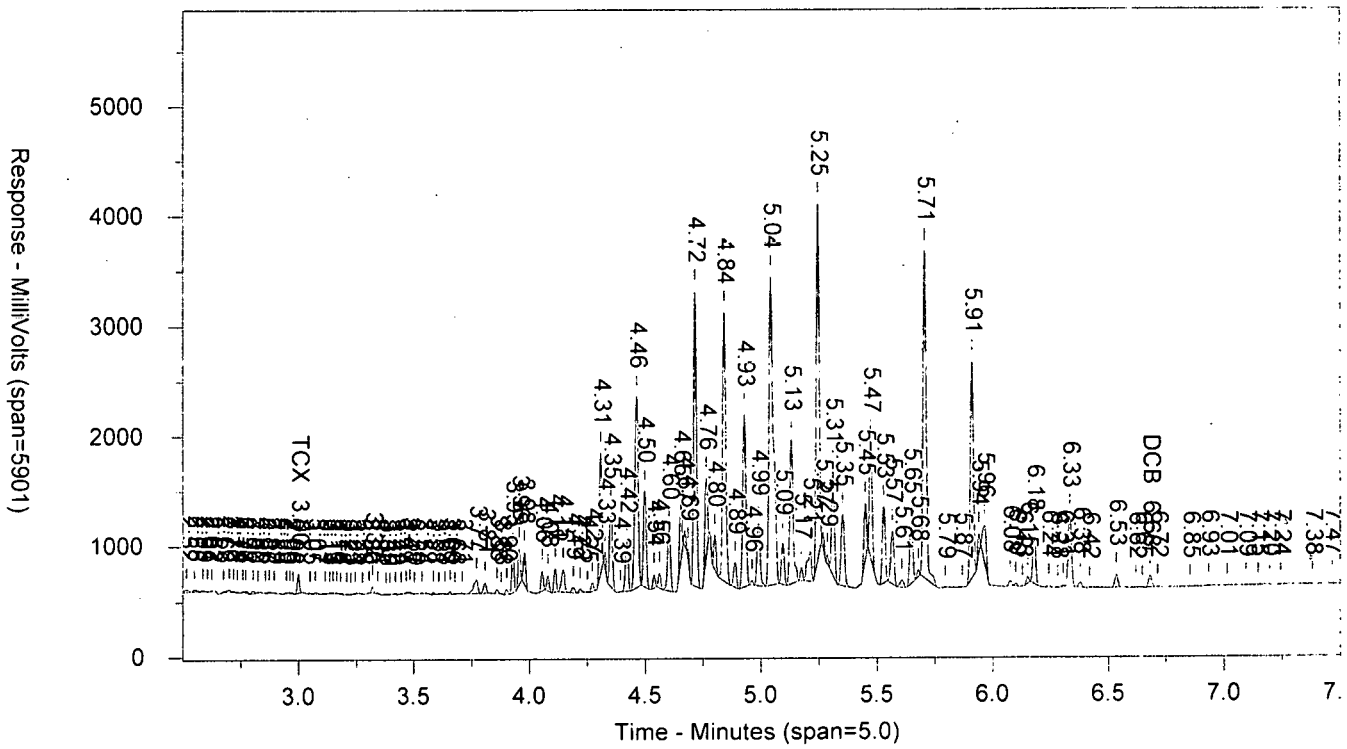

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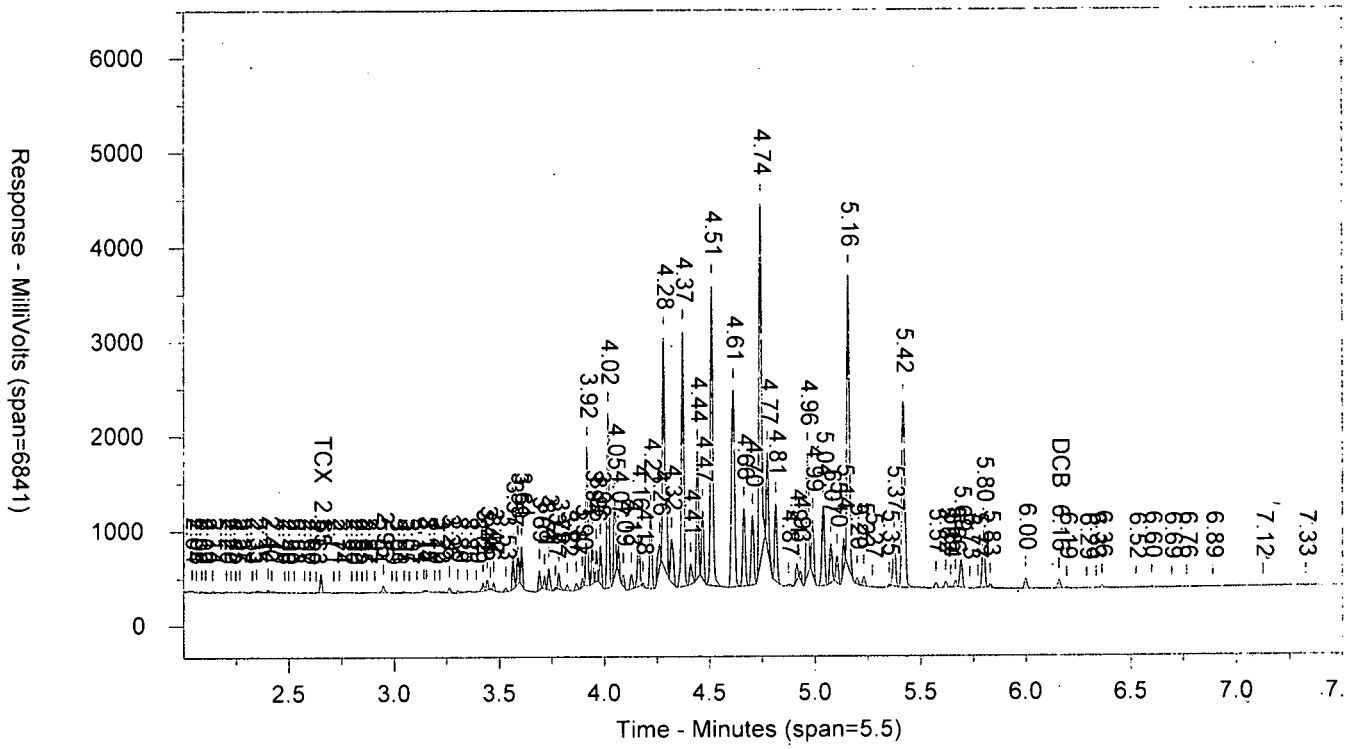

9202648 ACF DF50 AC-109E T 172560012A 10225 SW-846 8082

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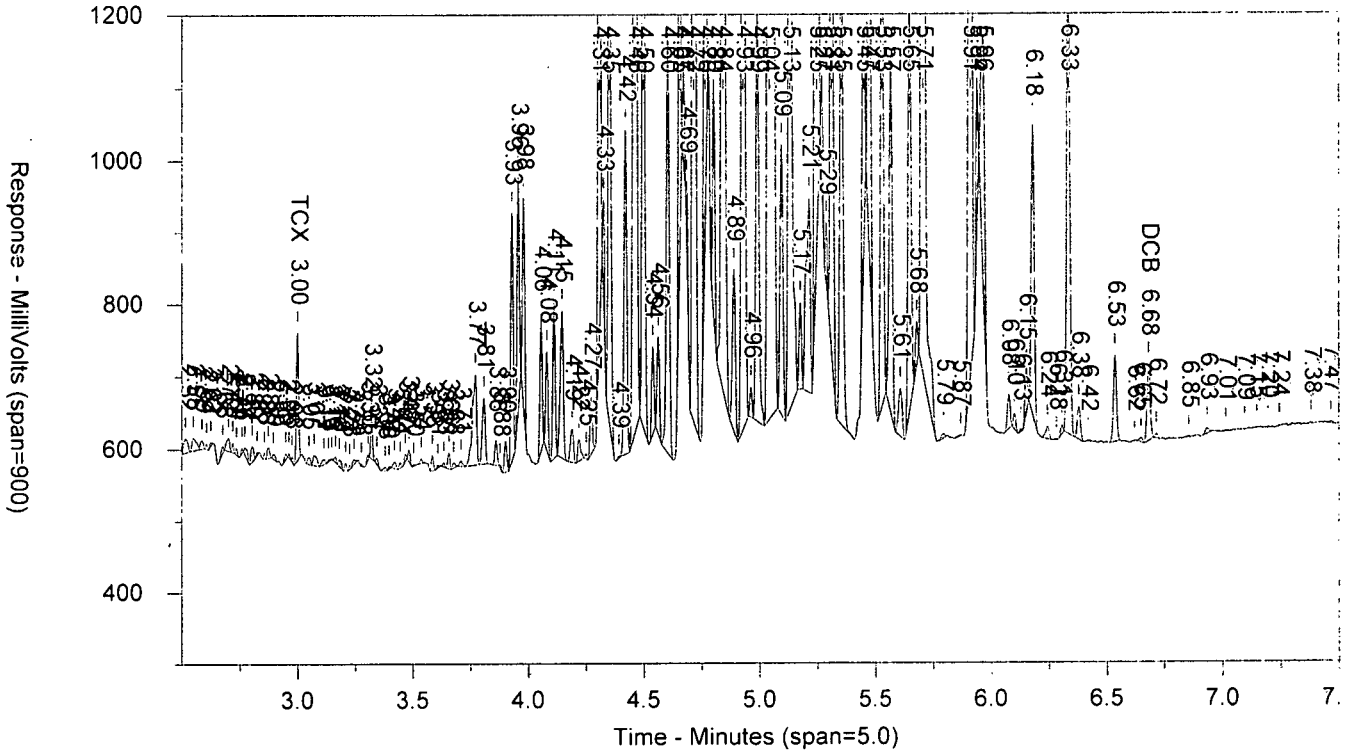

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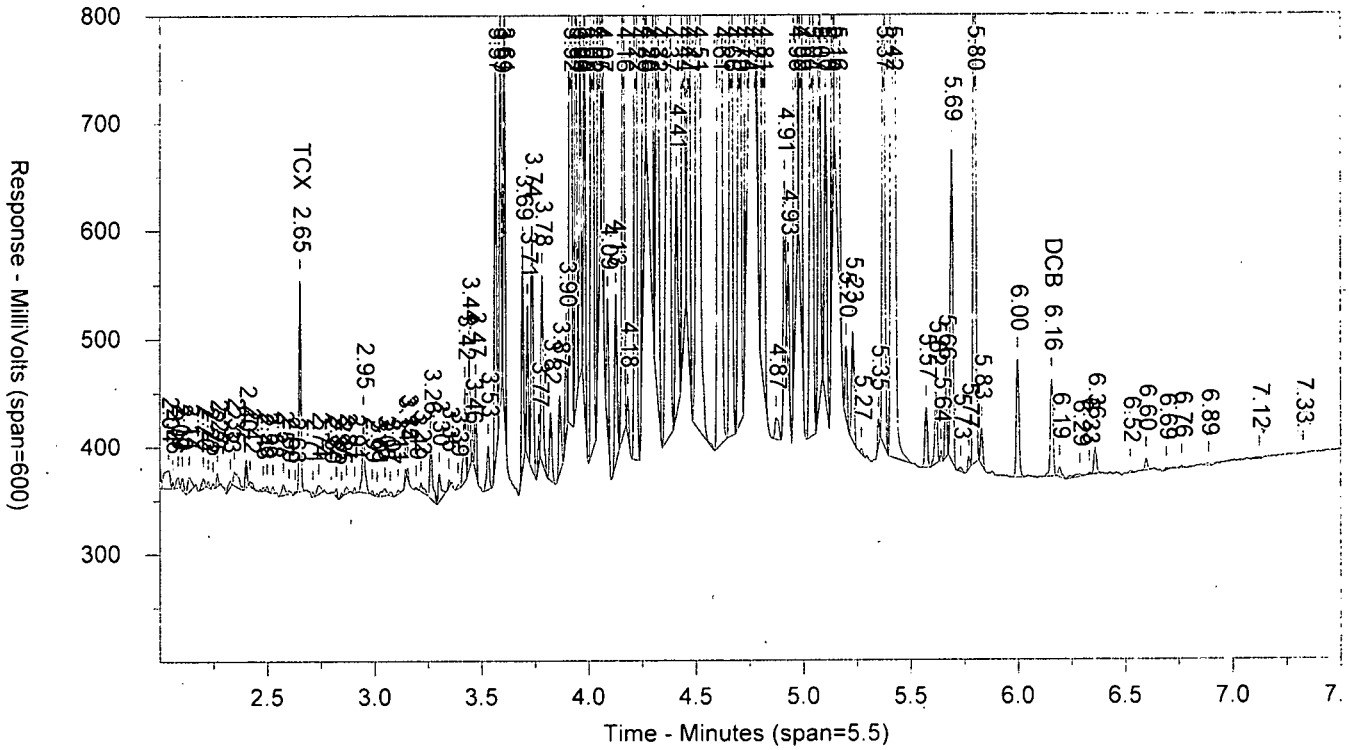

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Data Summary

Sample Name: 9202649 ACF DF10 -110W Sample ID: AC **Batchnumber: 172560012A**

Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE

Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:46:51
Instrument	19843A
Result file	07PCBS17250008.0091.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 96% (61 - 152) Conc: 28.55061

%SSR(DCB) 122% (48 - 164) Conc: 32.31462

Analysis Report (B)

Injected on	Sep 18, 2017 09:46:51
Instrument	19843B
Result file	07PCBS17250008B.0091.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 97% (61 - 152) Conc: 28.81024

%SSR(DCB) 115% (48 - 164) Conc: 30.48292

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1107665	28.55061
Decachlorobiphenyl	6.65	6.68	6.71	447084	32.31462

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1147621	28.81024
Decachlorobiphenyl	6.13	6.16	6.19	497746	30.48292

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	28.81024				0.91	
☑	Tetrachloro-m-xylene-D1	A	28.55061					
☑	Tetrachloro-m-xylene-D2	B	28.81024					
☐	Decachlorobiphenyl	A	32.31462				5.83	
☑	Decachlorobiphenyl-D1	A	32.31462					
☑	Decachlorobiphenyl-D2	B	30.48292					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**60.23**	
4.29	4.31	4.32	980520.9	1055.578229			1
4.63	4.66	4.67	521887.3	529.766513			2
4.69	4.72	4.73	4012661	1925.367335			3
Height summation:			**5515069.2**				
Concentration		CF:	**1170.237359**	L:			
Aroclor-1260						**9.86**	
5.45	5.47	5.49	872619.1	1084.478518			4
5.69	5.71	5.73	2482798	1259.980485			5
5.89	5.91	5.93	1694063	1314.605648			6
Height summation:			**5049480.1**				
Concentration		CF:	**1219.688217**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**55.51**	
4.20	4.22	4.24	823006.8	695.745301			1
4.26	4.28	4.30	3782901	1808.640777			2
4.42	4.44	4.46	1043279	807.557611			4
Height summation:			**5649186.8**				
Concentration		CF:	**1103.98123**	L:			
Aroclor-1260						**10.41**	
4.60	4.61	4.64	2151520	1518.425041			3
5.14	5.16	5.18	2749198	1245.320346			5
5.40	5.42	5.44	1721627	1316.90554			6
Height summation:			**6622345**				
Concentration		CF:	**1360.216976**	L:			

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:47

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Data Summary

Sample Name: 9202649 ACF DF10 -110W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:46:51
Instrument	19843A
Result file	07PCBS17250008.0091.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 09:46:51
Instrument	19843B
Result file	07PCBS17250008B.0091.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<497.561	<96.5854	D1		4	
☑	PCB-1221			<497.561	<149.2683	D1		3	
☑	PCB-1232			<497.561	<120	D1		4	
☑	PCB-1242			<497.561	<120	D1		4	
☑	PCB-1248			<497.561	<96.5854	D1		4	
☑	PCB-1254	A	1170.237359	497.561	128.7805	D1	5.83	4	
☑	PCB-1260	B	1360.216976	497.561	114.1463	D2	10.89	4	

Units: ug/kg

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

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:47

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202649** ACF DF10 -110W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0091.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 96% (61-152) Conc.: 28.55061
%SSR(DCB) : 122% (48-164) Conc.: 32.31462

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**221.48**	
3.23	3.26	3.27	3139.187	4.658492			1
3.45	3.47	3.49	7840.941	11.367659			2
3.56	3.58	3.60	8256.975	10.041812			3
+ 3.74	3.75	3.78	3725.747	4.628082			4
3.74	3.76	3.78	12508.05	15.537364			4
3.78	3.80	3.82	34791.96	36.825204			5
3.91	3.93	3.95	521176.8	899.30743			6
Height Summation:			**587713.913**				
Amount Avg CF:			**162.956327**	Linear:			
Aroclor-1221					**2**	**113.65**	
3.18	3.20	3.22	9466.966	33.172089			2
3.23	3.26	3.27	3139.187	3.611378			3
Height Summation:			**12606.153**				
Amount Avg CF:			**18.391733**	Linear:			
Aroclor-1232					**6**	**225.69**	
3.23	3.26	3.27	3139.187	3.970813			1
3.45	3.47	3.49	7840.941	23.75179			2
3.56	3.58	3.60	8256.975	20.874002			3
+ 3.74	3.75	3.78	3725.747	10.040649			4
3.74	3.76	3.78	12508.05	33.708392			4
3.78	3.80	3.82	34791.96	75.134496			5
E 3.91	3.93	3.95	521176.8	2235.790701			6
Height Summation:			**587713.913**				
Amount Avg CF:			**398.871699**	Linear:			
Aroclor-1242					**6**	**223.14**	
3.23	3.26	3.27	3139.187	3.479188			1
3.45	3.47	3.49	7840.941	8.644323			2
3.56	3.58	3.60	8256.975	7.636835			3
+ 3.74	3.75	3.78	3725.747	3.127323			4
3.74	3.76	3.78	12508.05	10.499026			4
3.78	3.80	3.82	34791.96	26.622402			5
3.91	3.93	3.95	521176.8	706.561285			6
Height Summation:			**587713.913**				
Amount Avg CF:			**127.24051**	Linear:			
Aroclor-1248					**6**	**107.00**	
3.78	3.80	3.82	34791.96	74.702386			1
+ 3.84	3.84	3.88	1298.654	2.621162			2
3.84	3.86	3.88	23687.71	47.810514			2
3.91	3.93	3.95	521176.8	631.756585			3
4.03	4.06	4.07	111700.2	119.910406			4
4.12	4.15	4.16	303754.8	376.630303			5
4.30	4.31	4.34	980520.9	1138.202537			6
+ 4.30	4.33	4.34	180234.3	209.218526			6
Height Summation:			**1975632.37**				
Amount Avg CF:			**398.168788**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0091.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 97% (61-152) Conc.: 28.81024
%SSR(DCB) : 115% (48-164) Conc.: 30.48292

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**142.52**	
2.92	2.95	2.96	12754.54	18.50147			1
3.12	3.14	3.16	12284.28	14.011159			2
3.25	3.26	3.29	9150.889	10.559454			3
3.40	3.42	3.44	19558.54	21.057896			4
+* 3.40	3.44	3.44	8775.731	9.448478			4
+* 3.44	3.44	3.48	8775.731	10.059775			5
3.44	3.46	3.48	23879.68	27.373698			5
3.57	3.59	3.61	121786.7	169.491582			6
+ 3.57	3.61	3.61	19481.31	27.112304			6
Height Summation:			**199414.629**				
Amount Avg CF:			**43.49921**	Linear:			
Aroclor-1221					**3**	**65.92**	
2.80	2.82	2.84	7247.543	19.301449			1
2.86	2.87	2.90	10930.47	46.407622			2
2.92	2.95	2.96	12754.54	13.776215			3
Height Summation:			**30932.553**				
Amount Avg CF:			**26.495095**	Linear:			
Aroclor-1232					**6**	**160.41**	
2.92	2.95	2.96	12754.54	15.122651			1
3.12	3.14	3.16	12284.28	27.751115			2
3.25	3.26	3.29	9150.889	21.373471			3
3.40	3.42	3.44	19558.54	45.75878			4
+* 3.44	3.44	3.48	8775.731	20.161704			5
+* 3.40	3.44	3.44	8775.731	20.53153			4
3.44	3.46	3.48	23879.68	54.862101			5
3.57	3.59	3.61	121786.7	403.132234			6
+ 3.57	3.61	3.61	19481.31	64.486057			6
Height Summation:			**199414.629**				
Amount Avg CF:			**94.666725**	Linear:			
Aroclor-1242					**6**	**143.05**	
2.92	2.95	2.96	12754.54	13.378993			1
3.12	3.14	3.16	12284.28	15.867285			2
3.25	3.26	3.29	9150.889	8.078497			3
3.40	3.42	3.44	19558.54	14.502443			4
+* 3.40	3.44	3.44	8775.731	6.507108			4
+* 3.44	3.44	3.48	8775.731	7.268018			5
3.44	3.46	3.48	23879.68	19.777035			5
3.57	3.59	3.61	121786.7	134.08404			6
+ 3.57	3.61	3.61	19481.31	21.448424			6
Height Summation:			**199414.629**				
Amount Avg CF:			**34.281382**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202649** ACF DF10 -110W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0091.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	63.72	
4.29	4.31	4.32	980520.9	1055.578229			1
4.63	4.66	4.67	521887.3	529.766513			2
+ 4.63	4.67	4.67	89534.07	90.885814			2
4.69	4.72	4.73	4012661	1925.367335			3
4.91	4.93	4.95	1321703	1037.449423			4
5.11	5.13	5.15	1231023	1688.777944			5
5.23	5.25	5.27	3303310	3449.644579			6
Height Summation:			**11371105.2**				
Amount Avg CF:			**1614.430671**	Linear:			
Aroclor-1260					6	33.03	
4.82	4.84	4.86	2393911	1604.687998			1
5.02	5.04	5.06	1666874	1138.293093			2
+ 5.02	5.06	5.06	198652.8	135.65819			2
5.23	5.25	5.27	3303310	2377.324915			3
5.45	5.47	5.49	872619.1	1084.478518			4
5.69	5.71	5.73	2482798	1259.980485			5
5.89	5.91	5.93	1694063	1314.605648			6
Height Summation:			**12413575.1**				
Amount Avg CF:			**1463.228443**	Linear:			
Aroclor-1262					6	35.14	
5.29	5.31	5.33	806118.4	675.259724			1
5.45	5.47	5.49	872619.1	822.247474			2
5.69	5.71	5.73	2482798	1066.211754			3
5.89	5.91	5.93	1694063	1065.878489			4
5.95	5.96	5.99	264027.7	330.156918			5
6.31	6.33	6.35	534783.3	745.779774			6
Height Summation:			**6654409.5**				
Amount Avg CF:			**784.255689**	Linear:			
Aroclor-1268					6	96.05	
5.89	5.91	5.93	1694063	594.171465			1
5.95	5.96	5.99	264027.7	107.091418			2
6.08	6.10	6.12	28939.55	12.231346			3
+ 6.14	6.15	6.18	45187.13	72.74174			4
6.14	6.18	6.18	387307.3	623.48299			4
6.31	6.33	6.35	534783.3	733.472009			5
6.51	6.54	6.55	110173.9	22.958054			6
Height Summation:			**3019294.75**				
Amount Avg CF:			**348.901214**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0091.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	105.16	
+ 3.44	3.44	3.48	8775.731	21.964329			1
3.44	3.46	3.48	23879.68	59.767233			1
3.51	3.53	3.55	25947.66	47.373969			2
3.55	3.57	3.59	593165.8	628.902325			3
3.67	3.69	3.71	130158.9	114.777372			4
+ 3.76	3.77	3.80	32320.64	41.218075			5
3.76	3.78	3.80	272314.4	347.278875			5
3.90	3.92	3.94	1521849	1020.271084			6
Height Summation:			**2567315.44**				
Amount Avg CF:			**369.728476**	Linear:			
Aroclor-1254					6	61.44	
4.20	4.22	4.24	823006.8	695.745301			1
4.26	4.28	4.30	3782901	1808.640777			2
4.35	4.37	4.39	2566753	2612.603974			3
4.42	4.44	4.46	1043279	807.557611			4
4.64	4.66	4.68	864614.8	950.615449			5
4.72	4.74	4.76	4509492	3129.250185			6
Height Summation:			**13590046.6**				
Amount Avg CF:			**1667.402216**	Linear:			
Aroclor-1260					6	29.99	
4.35	4.37	4.39	2566753	1680.248961			1
4.49	4.51	4.53	2910717	1661.02944			2
4.60	4.61	4.64	2151520	1518.425041			3
4.72	4.74	4.76	4509492	2637.316076			4
5.14	5.16	5.18	2749198	1245.320346			5
5.40	5.42	5.44	1721627	1316.90554			6
Height Summation:			**16609307**				
Amount Avg CF:			**1676.540901**	Linear:			
Aroclor-1262					6	33.38	
4.76	4.77	4.80	773563.6	462.686582			1
4.95	4.97	4.99	1129702	726.111971			2
5.14	5.16	5.18	2749198	957.675696			3
5.36	5.37	5.40	451017.6	434.39342			4
5.40	5.42	5.44	1721627	983.0143			5
5.78	5.80	5.82	493063.1	657.800834			6
Height Summation:			**7318171.3**				
Amount Avg CF:			**703.613801**	Linear:			
Aroclor-1268					6	121.13	
5.36	5.37	5.40	451017.6	151.616184			1
5.40	5.42	5.44	1721627	603.619166			2
5.56	5.57	5.60	71818.95	30.118459			3
5.62	5.64	5.66	10261.89	17.678456			4
5.78	5.80	5.82	493063.1	603.161463			5
5.98	6.00	6.02	108328.2	19.255742			6
Height Summation:			**2856116.74**				
Amount Avg CF:			**237.574912**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202649 ACF DF10 -110W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0091.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 09:46:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0091.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			497.561	96.5854		** 115.72	4	40	
Aroclor-1221			497.561	149.2683		36.11	3	40	
Aroclor-1232			497.561	120	E	** 123.28	4	40	
Aroclor-1242			497.561	120		** 115.10	4	40	
Aroclor-1248			497.561	96.5854		7.41	4	40	
Aroclor-1254			497.561	128.7805		3.23	4	40	
Aroclor-1260			497.561	114.1463		13.59	4	40	
Aroclor-1262			497.561	96.5854		10.84	4	40	
Aroclor-1268			497.561	96.5854		37.96	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:46:51 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0091.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.64		26065	39865
1.747		19790	19427
2.112		10342	16183
2.15		16570	28932
2.202		96844	72475
2.27		24553	16409
2.39		3491	1685
2.435		7963	7131
2.462		33286	22851
2.552		5145	4191
2.702		2928	1438
2.721		21585	13298
2.773		4118	2288
2.806		13682	9288
2.874		2973	1499
2.999	TCX	1107665	742686
3.106		3941	2719
3.197		9467	6734
3.257		3139	2076
3.307		9847	5609
3.321		14404	6530
3.389		1449	682
3.468		7841	4794
3.538		9336	5899
3.584		8257	5918
3.659		18934	14065
3.69		2691	1718
3.75		3726	1885
3.764		12508	10371
3.803		34792	28802
3.843		1299	403
3.86		23688	16502
3.903		3626	2510
3.93		521177	395005
3.958		69363	94554
4.056		111700	83859
4.113		76606	55107
4.147		303755	263797
4.189		10409	8705
4.221		14086	9521
4.249		4397	2267
4.273		49531	34784
4.309		980521	721203
4.327		180234	97767
4.354		340125	284175
4.422		533662	453967
4.465		1529464	1497907
4.5		695267	583527
4.54		84054	60207
4.563		111679	81706
4.605		497358	458502
4.656		521887	386997
4.673		89534	40530

RT A	Compound A	Height A	Area A
4.687		238542	138370
4.719		4012661	3418514
4.767		581954	418278
4.781		122106	53659
4.803		225424	144705
4.844		2393911	2234183
4.891		159065	149772
4.931		1321703	1243414
4.964		40001	23726
4.992		586764	509918
5.016		16269	6545
5.043		1666874	1330885
5.058		198653	132752
5.095		294693	253137
5.133		1231023	1300917
5.177		192361	138794
5.201		63515	41963
5.213		133531	93235
5.248		3303310	2993146
5.27		157642	73137
5.289		96671	48622
5.313		806118	691135
5.355		573512	591880
5.451		694647	531772
5.474		872619	677696
5.531		630622	534240
5.568		363982	300110
5.59		65438	38141
5.609		25130	22361
5.65		425596	389723
5.682		70846	54633
5.708		2482798	2396627
5.793		70202	61958
5.827		11276	6541
5.85		22142	15330
5.912		1694063	1563762
5.944		97505	85661
5.965		264028	287807
6.077		49697	41750
6.101		28940	23404
6.131		4938	2973
6.153		45187	35711
6.181		387307	338281
6.217		16005	11560
6.244		18401	15180
6.284		2191	1319
6.306		19753	13159
6.335		534783	530649
6.379		34272	31472
6.535		110174	110435
6.652		4779	3640
6.683	DCB	447084	453483
6.718		6192	4594
6.845		1492	979
6.855		1529	801
6.88		1813	798
6.968		1617	3280
7.055		1098	267
7.083		1046	913
7.103		1287	424
7.231		1395	570
7.296		1658	750
7.358		1607	553
7.389		1308	622
7.551		1353	447
7.66		1182	1815

RT A	Compound A	Height A	Area A
7.692		2002	2391
7.751		1687	467
7.76		1583	768
8.052		1169	1331
8.187		1583	514
8.211		1307	647
8.274		1433	627
8.367		1499	338
8.4		1631	445
8.437		2439	1003
8.63		1516	784

LANCASTER LABORATORIES

Sample Number: 9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:46:51 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0091.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		15487	16877
1.833		3560	2510
1.862		3318	2198
1.91		95923	68959
1.961		6264	6491
1.993		24062	16534
2.027		11477	16200
2.151		35088	22223
2.27		8046	10148
2.343		8767	13888
2.401		21195	13895
2.427		4294	2845
2.47		14493	9636
2.626		3898	2268
2.652	TCX	1147621	722597
2.771		1936	1271
2.822		7248	5369
2.869		10930	9105
2.948		12755	5674
2.959		16432	7127
2.987		2982	2627
3.144		12284	14433
3.217		12884	8265
3.265		9151	5337
3.303		17734	12575
3.361		9534	10030
3.422		19559	20673
3.443		8776	3689
3.459		23880	19820
3.532		25948	19102
3.566		593166	369118
3.59		121787	70401
3.607		19481	8243
3.624		6395	3467
3.692		130159	86889
3.715		16386	7746
3.737		84158	54008
3.766		32321	15875
3.783		272314	175443
3.822		33983	25416
3.866		55181	43650
3.897		56949	32478
3.917		1521849	983761
3.943		150347	82649
3.962		204231	113073
3.982		534143	335885
4.017		1525499	1065554
4.05		669951	434508
4.067		175660	87970
4.089		81914	49108
4.129		123619	91615
4.163		429030	328585
4.183		24281	13541
4.22		823007	627295

4.255		395605	352520
4.281		3782901	3104410
4.319		506457	449939
4.373		2566753	2117559
4.411		173127	159071
4.443		1043279	709738
4.467		785240	560872
4.511		2910717	2359712
4.562		26860	22205
4.612		2151520	2241314
4.664		864615	712913
4.705		816331	719823
4.743		4509492	3711963
4.775		773564	524579
4.814		670475	529348
4.871		65802	65324
4.914		143542	92437
4.931		98697	61067
4.965		1129702	862584
4.989		894182	641854
5.04		859916	753077
5.075		369062	288023
5.105		251917	190493
5.137		264664	161628
5.159		2749198	2235709
5.2		46795	30855
5.231		92953	75765
5.275		5322	3248
5.296		71135	53032
5.329		37122	28931
5.351		11282	5866
5.373		451018	378855
5.418		1721627	1915547
5.573		71819	58418
5.603		3828	2977
5.619		44679	31099
5.642		10262	5245
5.664		81350	54521
5.691		246552	200519
5.733		7813	7322
5.772		16578	11246
5.799		493063	428844
5.83		24554	17475
5.999		108328	93163
6.158	DCB	497746	443629
6.193		8795	6997
6.361		4885	5122
6.637		2431	1923
6.938		1456	2325
7.626		2044	2610
8.197		4024	6849
8.294		8433	14370
8.514		8201	15861

9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082

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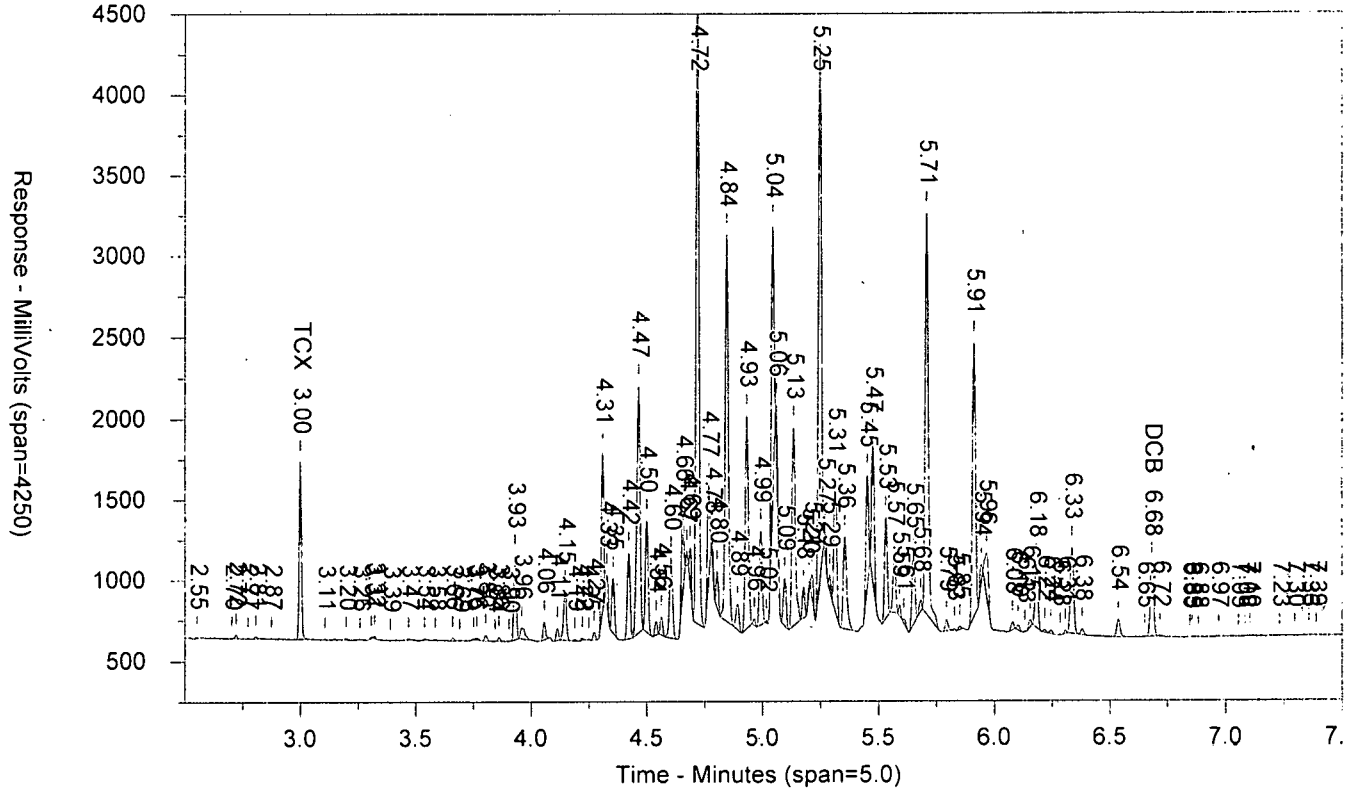

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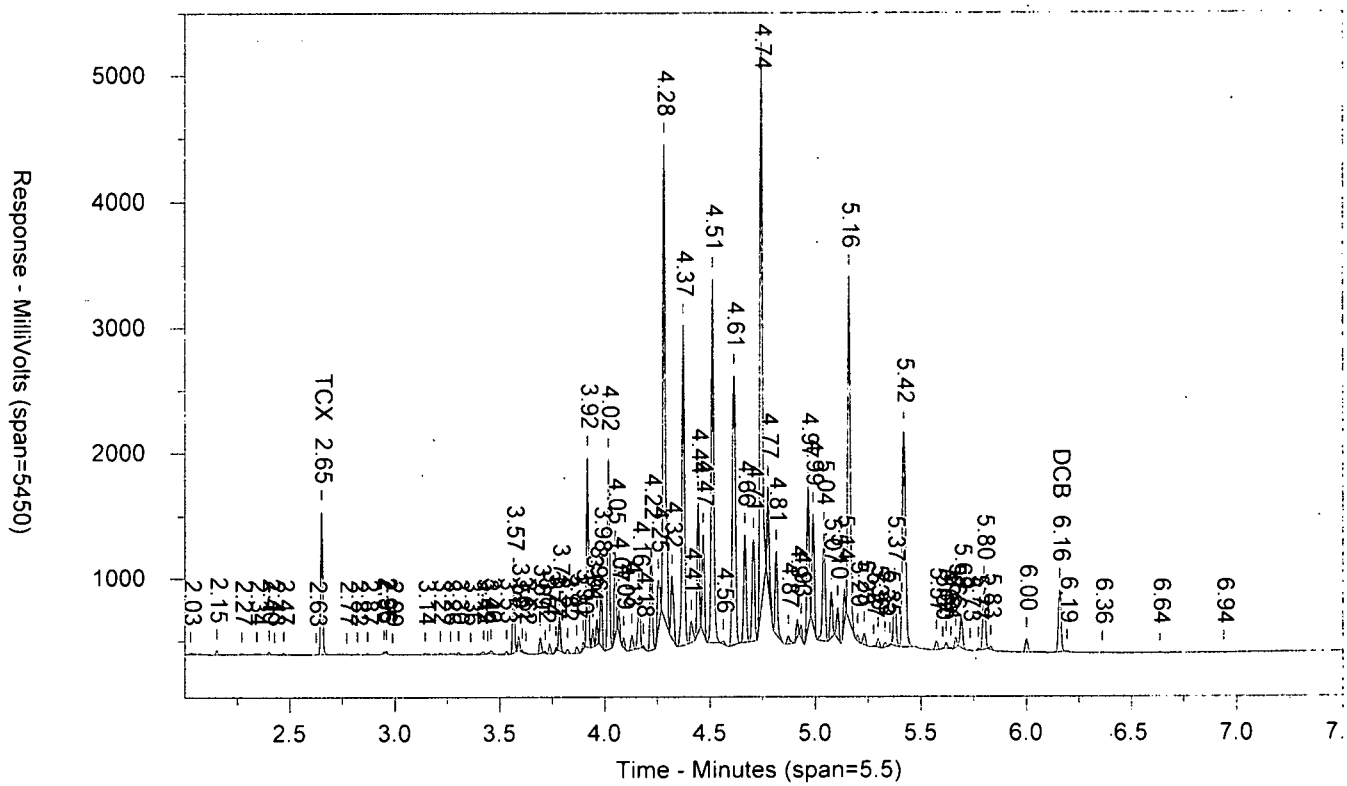

LANCASTER LABORATORIES

Sample Number: 9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 9:46:51 AM
Sample Weight: 10.25
Instrument ID: CP7-19843A
Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	1107665	28.551	TCX	2.652	1147621	28.81	TCX
6.683	447084	32.315	DCB	6.158	497746	30.483	DCB

Files:
Area File: 07pcbs17250008.0091.RAW
Area File: 07pcbs17250008B.0091.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:36 AM
File Reported On: 9/18/2017 at 10:05:38 AM

9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082

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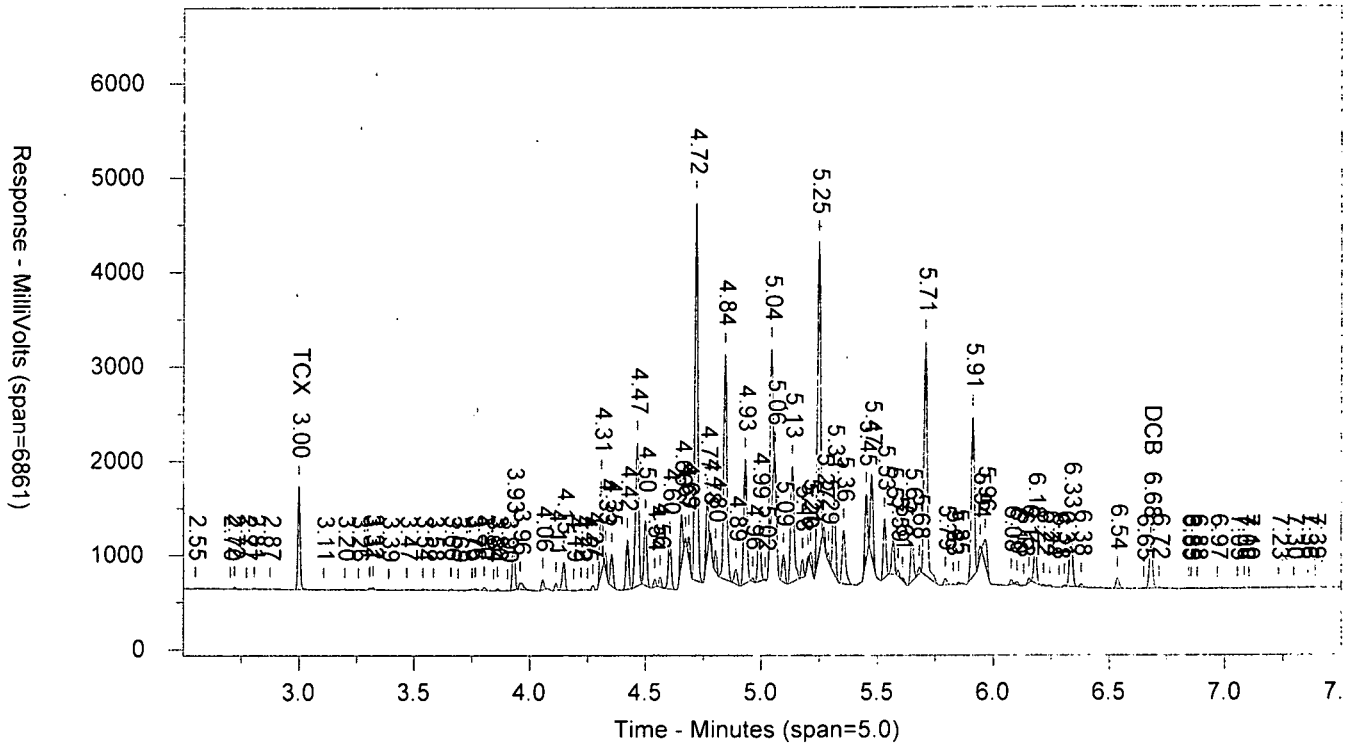

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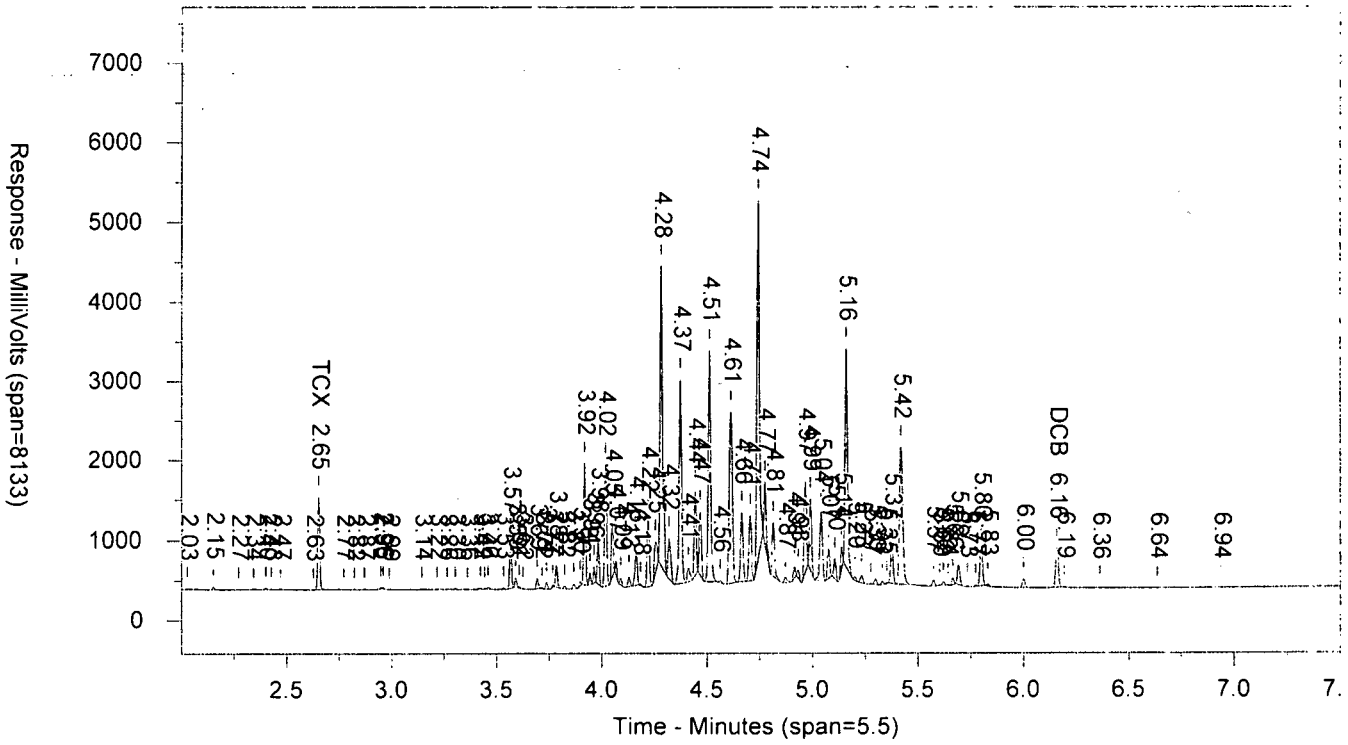

9202649 ACF DF10 AC-110W T 172560012A 10225 SW-846 8082

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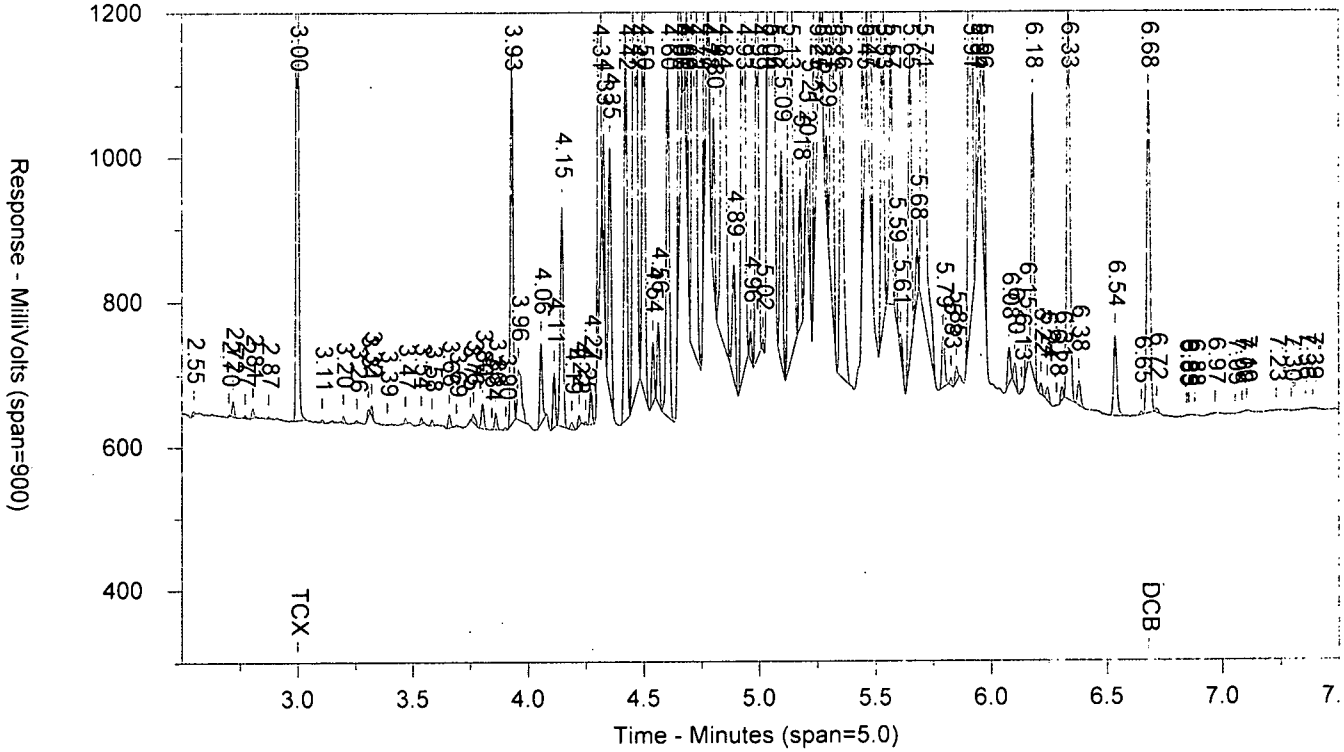

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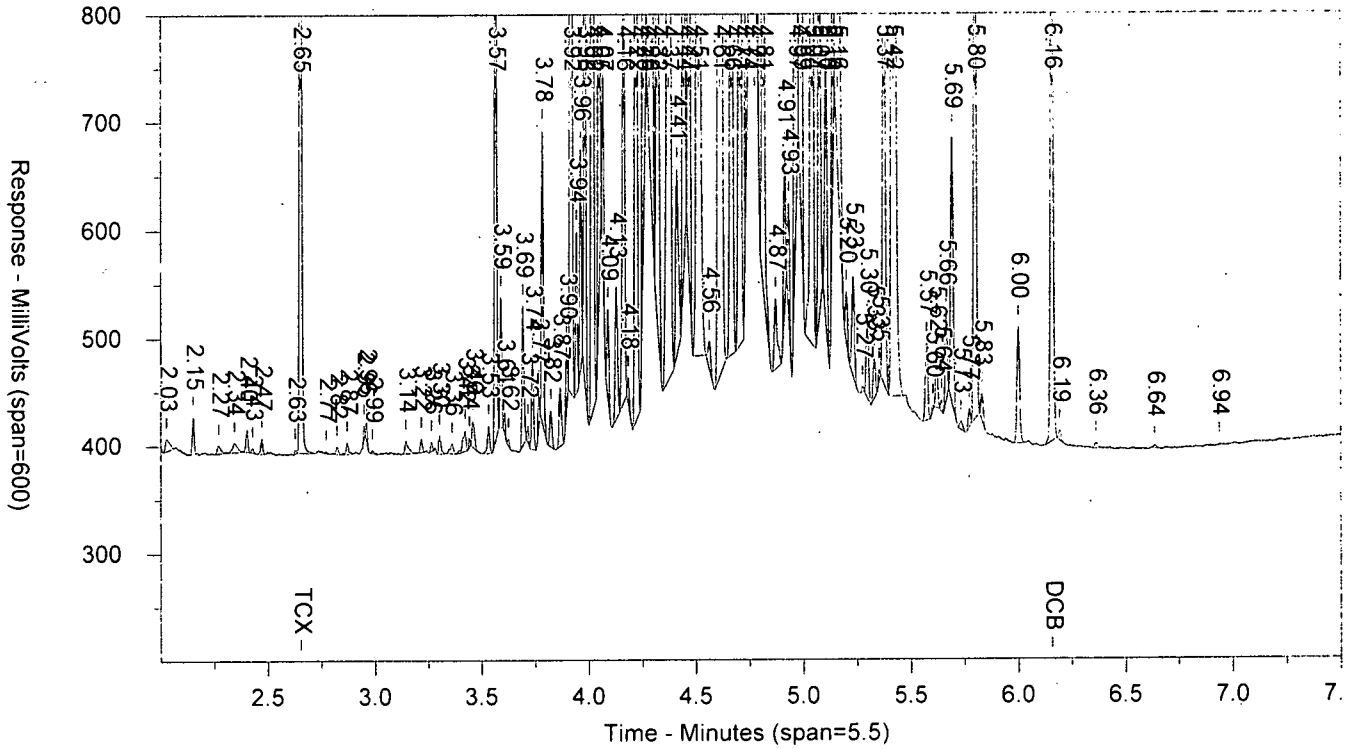

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Data Summary

Sample Name: 9202650 ACF DF10 -110E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.31 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 10:21:13
Instrument	19843A
Result file	07PCBS17250008.0094.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 95% (61 - 152) Conc: 28.16959
%SSR(DCB) 127% (48 - 164) Conc: 33.32769

Analysis Report (B)

Injected on	Sep 18, 2017 10:21:13
Instrument	19843B
Result file	07PCBS17250008B.0094.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 98% (61 - 152) Conc: 29.17828
%SSR(DCB) 118% (48 - 164) Conc: 30.94268

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1099280	28.16959
Decachlorobiphenyl	6.65	6.68	6.71	463799	33.32769

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1169086	29.17828
Decachlorobiphenyl	6.13	6.16	6.19	508211	30.94268

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	29.17828				3.52	
☑	Tetrachloro-m-xylene-D1	A	28.16959					
☑	Tetrachloro-m-xylene-D2	B	29.17828					
☐	Decachlorobiphenyl	A	33.32769				7.42	
☑	Decachlorobiphenyl-D1	A	33.32769					
☑	Decachlorobiphenyl-D2	B	30.94268					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.84**	
4.82	4.84	4.86	3350948	2233.137646			1
5.02	5.04	5.06	3767932	2558.112175			2
5.23	5.25	5.27	4207848	3010.679			3
5.45	5.47	5.49	1989917	2458.648256			4
5.69	5.71	5.73	5713085	2882.427003			5
5.89	5.91	5.93	3560014	2746.520485			6

Height summation: **22589744**
Concentration CF: **2648.254094** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**13.07**	
4.35	4.37	4.39	3458251	2250.667131			1
4.49	4.51	4.53	4181978	2372.598718			2
4.60	4.61	4.64	2893147	2029.942192			3
4.72	4.74	4.76	4786052	2782.769113			4
5.14	5.16	5.18	6105706	2749.642			5
5.40	5.42	5.44	3684121	2801.654941			6

Height summation: **25109255**
Concentration CF: **2497.879016** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<494.6654	<96.0233	D1		4	
☑	PCB-1221			<494.6654	<148.3996	D1		3	
☑	PCB-1232			<494.6654	<119.3016	D1		4	
☑	PCB-1242			<494.6654	<119.3016	D1		4	
☑	PCB-1248			<494.6654	<96.0233	D1		4	
☑	PCB-1254			<494.6654	<128.031	D1		4	
☑	PCB-1260	A	2648.254094	494.6654	113.4821	D1	5.84	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:49

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202650** ACF DF10 -110E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.31 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0094.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 95% (61-152) Conc.: 28.16959
%SSR(DCB) : 127% (48-164) Conc.: 33.32769

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**143.05**	
3.45	3.47	3.49	2391.283	3.446665			2
3.56	3.58	3.60	3223.43	3.897396			3
+ 3.74	3.74	3.78	5481.714	6.769698			4
3.74	3.77	3.78	14031.03	17.327762			4
3.78	3.81	3.82	17806.65	18.737588			5
3.91	3.93	3.95	60244.6	103.349036			6
Height Summation:			**97696.993**				
Amount Avg CF:			**29.351689**	Linear:			
Aroclor-1221					**1**		
3.18	3.20	3.22	8095.342	28.200863			2
Height Summation:			**8095.342**				
Amount Avg CF:			**28.200863**	Linear:			
Aroclor-1232					**5**	**151.99**	
3.45	3.47	3.49	2391.283	7.201523			2
3.56	3.58	3.60	3223.43	8.101551			3
+ 3.74	3.74	3.78	5481.714	14.686895			4
3.74	3.77	3.78	14031.03	37.592671			4
3.78	3.81	3.82	17806.65	38.230317			5
3.91	3.93	3.95	60244.6	256.938625			6
Height Summation:			**97696.993**				
Amount Avg CF:			**69.612937**	Linear:			
Aroclor-1242					**5**	**148.33**	
3.45	3.47	3.49	2391.283	2.620951			2
3.56	3.58	3.60	3223.43	2.963984			3
+ 3.74	3.74	3.78	5481.714	4.574472			4
3.74	3.77	3.78	14031.03	11.708847			4
3.78	3.81	3.82	17806.65	13.546146			5
3.91	3.93	3.95	60244.6	81.198515			6
Height Summation:			**97696.993**				
Amount Avg CF:			**22.407689**	Linear:			
Aroclor-1248					**6**	**154.09**	
3.78	3.81	3.82	17806.65	38.010449			1
3.84	3.86	3.88	13638.03	27.366369			2
3.91	3.93	3.95	60244.6	72.601907			3
4.03	4.06	4.07	22289.61	23.788694			4
4.12	4.15	4.16	53788.2	66.304701			5
4.30	4.31	4.34	435507.2	502.600867			6
Height Summation:			**603274.29**				
Amount Avg CF:			**121.778831**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0094.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 98% (61-152) Conc.: 29.17828
%SSR(DCB) : 118% (48-164) Conc.: 30.94268

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**151.15**	
2.92	2.95	2.96	17309.22	24.962273			1
3.12	3.15	3.16	4920.815	5.579902			2
3.25	3.27	3.29	5746.55	6.592507			3
+ 3.25	3.28	3.29	4377.844	5.022312			3
+ 3.40	3.42	3.44	5115.93	5.476062			4
* 3.40	3.44	3.44	11634.24	12.453223			4
* 3.44	3.44	3.48	11634.24	13.258921			5
+ 3.44	3.47	3.48	10604.04	12.084857			5
3.57	3.59	3.61	94654.41	130.964722			6
+ 3.57	3.61	3.61	52582.68	72.753885			6
Height Summation:			**145899.475**				
Amount Avg CF:			**32.301925**	Linear:			
Aroclor-1221					**3**	**84.91**	
2.80	2.82	2.84	3633.613	9.620618			1
2.86	2.87	2.90	12626.78	53.297678			2
2.92	2.95	2.96	17309.22	18.586936			3
Height Summation:			**33569.613**				
Amount Avg CF:			**27.168411**	Linear:			
Aroclor-1232					**6**	**174.63**	
2.92	2.95	2.96	17309.22	20.403554			1
3.12	3.15	3.16	4920.815	11.051799			2
3.25	3.27	3.29	5746.55	13.343942			3
+ 3.25	3.28	3.29	4377.844	10.165699			3
+ 3.40	3.42	3.44	5115.93	11.899475			4
* 3.44	3.44	3.48	11634.24	26.573402			5
* 3.40	3.44	3.44	11634.24	27.060837			4
+ 3.44	3.47	3.48	10604.04	24.220354			5
3.57	3.59	3.61	94654.41	311.49689			6
+ 3.57	3.61	3.61	52582.68	173.043615			6
Height Summation:			**145899.475**				
Amount Avg CF:			**68.321737**	Linear:			
Aroclor-1242					**6**	**153.53**	
2.92	2.95	2.96	17309.22	18.051003			1
3.12	3.15	3.16	4920.815	6.319099			2
3.25	3.27	3.29	5746.55	5.043589			3
+ 3.25	3.28	3.29	4377.844	3.842313			3
+ 3.40	3.42	3.44	5115.93	3.77133			4
* 3.44	3.44	3.48	11634.24	9.579347			5
* 3.40	3.44	3.44	11634.24	8.576458			4
+ 3.44	3.47	3.48	10604.04	8.731106			5
3.57	3.59	3.61	94654.41	103.605611			6
+ 3.57	3.61	3.61	52582.68	57.555276			6
Height Summation:			**145899.475**				
Amount Avg CF:			**25.195851**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202650** ACF DF10 -110E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.31 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0094.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	109.93	
4.29	4.31	4.32	435507.2	466.116105			1
+ 4.63	4.66	4.67	67941.89	68.566282			2
4.63	4.67	4.67	446351.1	450.453104			2
4.69	4.72	4.73	1706990	814.286633			3
4.91	4.93	4.95	568355.4	443.525147			4
5.11	5.13	5.15	1445533	1971.512758			5
5.23	5.25	5.27	4207848	4368.680287			6
Height Summation:			**8810584.7**				
Amount Avg CF:			**1419.095672**	Linear:			
Aroclor-1260					6	10.84	
4.82	4.84	4.86	3350948	2233.137646			1
5.02	5.04	5.06	3767932	2558.112175			2
5.23	5.25	5.27	4207848	3010.679			3
5.45	5.47	5.49	1989917	2458.648256			4
5.69	5.71	5.73	5713085	2882.427003			5
5.89	5.91	5.93	3560014	2746.520485			6
Height Summation:			**22589744**				
Amount Avg CF:			**2648.254094**	Linear:			
Aroclor-1262					6	33.13	
5.29	5.31	5.33	1786990	1488.193266			1
5.45	5.47	5.49	1989917	1864.137727			2
E 5.69	5.71	5.73	5713085	2439.146944			3
E 5.89	5.91	5.93	3560014	2226.870932			4
5.95	5.97	5.99	643981.8	800.589156			5
6.31	6.33	6.35	1227484	1701.820709			6
Height Summation:			**14921471.8**				
Amount Avg CF:			**1753.459789**	Linear:			
Aroclor-1268					6	97.34	
5.89	5.91	5.93	3560014	1241.36398			1
5.95	5.97	5.99	643981.8	259.683269			2
6.08	6.10	6.12	60799.43	25.547428			3
+ 6.14	6.15	6.18	83487.64	133.615337			4
6.14	6.18	6.18	655796.6	1049.550374			4
6.31	6.33	6.35	1227484	1673.735193			5
6.51	6.53	6.55	241638.6	50.059657			6
Height Summation:			**6389714.43**				
Amount Avg CF:			**716.65665**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0094.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	141.70	
3.44	3.44	3.48	11634.24	28.949286			1
+ 3.44	3.47	3.48	10604.04	26.385857			1
3.51	3.53	3.55	15036.54	27.293214			2
3.55	3.57	3.59	69303.22	73.050924			3
3.67	3.69	3.71	29750.05	26.081665			4
3.76	3.77	3.80	28764.02	36.46889			5
+ 3.76	3.78	3.80	26374.42	33.4392			5
3.90	3.92	3.94	520819.1	347.133173			6
Height Summation:			**675307.17**				
Amount Avg CF:			**89.829525**	Linear:			
Aroclor-1254					6	113.87	
4.20	4.22	4.24	237677.3	199.755968			1
+ 4.26	4.26	4.30	347113.5	164.992441			2
4.26	4.28	4.30	918527.2	436.600837			2
+ 4.26	4.29	4.30	767961.9	365.033075			2
4.35	4.37	4.39	3458251	3499.542048			3
4.42	4.44	4.46	310993.5	239.325823			4
4.64	4.67	4.68	556984.9	608.822682			5
4.72	4.74	4.76	4786052	3301.834331			6
Height Summation:			**10268485.9**				
Amount Avg CF:			**1380.980282**	Linear:			
Aroclor-1260					6	13.07	
4.35	4.37	4.39	3458251	2250.667131			1
4.49	4.51	4.53	4181978	2372.598718			2
4.60	4.61	4.64	2893147	2029.942192			3
4.72	4.74	4.76	4786052	2782.769113			4
5.14	5.16	5.18	6105706	2749.642			5
5.40	5.42	5.44	3684121	2801.654941			6
Height Summation:			**25109255**				
Amount Avg CF:			**2497.879016**	Linear:			
Aroclor-1262					6	28.06	
4.76	4.77	4.80	2031535	1208.037424			1
4.95	4.96	4.99	2518986	1609.647032			2
E 5.14	5.16	5.18	6105706	2114.528463			3
5.36	5.37	5.40	1059929	1014.919796			4
E 5.40	5.42	5.44	3684121	2091.316944			5
5.78	5.80	5.82	1166277	1546.887853			6
Height Summation:			**16566554**				
Amount Avg CF:			**1597.556252**	Linear:			
Aroclor-1268					6	122.28	
5.36	5.37	5.40	1059929	354.237103			1
5.40	5.42	5.44	3684121	1284.171543			2
5.56	5.57	5.60	74167.81	30.922482			3
5.62	5.64	5.66	31887.83	54.614398			4
5.78	5.80	5.82	1166277	1418.397624			5
5.98	6.00	6.02	228866.5	40.445122			6
Height Summation:			**6245249.14**				
Amount Avg CF:			**530.464712**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202650 ACF DF10 -110E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.31 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0094.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 10:21:13
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0094.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			494.6653	96.0233		9.57	4	40	
Aroclor-1221			494.6653	148.3996		3.73	3	40	
Aroclor-1232			494.6653	119.3016		1.87	4	40	
Aroclor-1242			494.6653	119.3016		11.71	4	40	
Aroclor-1248			494.6653	96.0233		30.20	4	40	
Aroclor-1254			494.6653	128.031		2.72	4	40	
Aroclor-1260			494.6653	113.482		5.84	4	40	
Aroclor-1262			494.6653	96.0233	E	9.30	4	40	
Aroclor-1268			494.6653	96.0233		29.86	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:21:13 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0094.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.588		4892	7615
1.64		22326	17720
1.701		4907	3576
1.747		18492	15010
1.799		9945	9181
1.823		6492	3912
1.946		4089	2433
2.049		2908	3018
2.111		12823	18946
2.152		18908	32045
2.202		61999	55230
2.27		37260	26045
2.294		5444	4280
2.388		11398	15518
2.434		11073	14146
2.462		11011	10207
2.552		4420	3258
2.606		2553	1568
2.703		4675	2447
2.721		22079	13148
2.772		3837	2376
2.806		8485	5108
2.872		4978	3239
2.949		2870	2236
2.999	TCX	1099280	753848
3.198		8095	5480
3.309		5879	3241
3.32		16171	8490
3.397		2787	2380
3.424		3122	2613
3.473		2391	1604
3.538		4676	2989
3.58		3223	1753
3.658		12758	7933
3.741		5482	3496
3.773		14031	12904
3.806		17807	17480
3.86		13638	9290
3.878		1004	191
3.902		7681	6528
3.93		60245	42462
3.957		14483	8617
3.967		8285	2737
3.979		20754	10812
4.056		22290	14544
4.08		19144	13936
4.112		46391	32338
4.145		53788	62597
4.192		18311	14423
4.22		19442	15249
4.251		5189	3178
4.272		37354	25776
4.308		435507	350269

RT A	Compound A	Height A	Area A
4.355		283938	240445
4.421		284378	237875
4.463		657292	727964
4.499		455839	391772
4.539		85108	61913
4.562		66444	45472
4.603		299462	287893
4.655		67942	45733
4.672		446351	419345
4.717		1706990	1503209
4.765		1066754	809372
4.78		84684	48906
4.803		259877	165817
4.842		3350948	2978658
4.888		91208	87026
4.929		568355	611281
4.963		35659	22429
4.99		796522	758500
5.042		3767932	4539516
5.094		617836	578818
5.133		1445533	1488494
5.176		97904	62490
5.213		349272	440114
5.246		4207848	3665791
5.268		145704	67144
5.288		80818	37320
5.312		1786990	1611594
5.354		1164388	1110851
5.449		554303	437783
5.473		1989917	1638502
5.529		1275149	1102514
5.568		722859	697390
5.61		98932	94990
5.651		606376	560963
5.679		25029	15333
5.707		5713085	5486148
5.793		11748	12060
5.825		4806	3491
5.851		7080	4838
5.911		3560015	3220430
5.941		234894	161720
5.965		643982	744346
6.075		32703	23757
6.099		60799	51213
6.128		3003	1078
6.152		83488	63353
6.179		655797	599390
6.21		4863	4234
6.243		12603	11093
6.283		2263	1423
6.304		7841	4767
6.333		1227485	1200198
6.377		85693	80870
6.424		1974	902
6.534		241639	243133
6.65		3354	2437
6.681	DCB	463799	473133
6.714		3649	2097
6.744		2547	1301
6.766		1680	513
6.886		1352	1076
6.908		1209	464
6.938		1878	1618
6.958		1712	1448
7.002		1554	1037
7.038		1871	637

RT A	Compound A	Height A	Area A
7.098		2162	928
7.112		3047	592
7.134		1977	552
7.143		1422	689
7.198		1640	1565
7.221		1501	557
7.244		1527	1022
7.339		1250	586
7.447		1338	610
7.68		1552	572
7.963		1592	706
8.022		1755	505
8.048		1732	458
8.091		2490	506
8.099		1499	468
8.326		1209	320
8.365		1847	824
8.389		1216	263
8.414		1770	1437
8.464		1531	504
8.524		2180	948
8.571		1659	546

LANCASTER LABORATORIES

Sample Number: 9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:21:13 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0094.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		16537	19946
1.562		5801	4607
1.648		1356	953
1.683		2163	1778
1.721		2200	4636
1.798		5621	10582
1.833		7051	7113
1.863		3276	2266
1.91		63788	49922
1.958		8325	11524
1.993		35607	23451
2.028		11087	16961
2.069		5236	12153
2.151		10109	8497
2.22		3352	2019
2.268		7373	7907
2.346		10935	17971
2.401		22171	13238
2.47		6477	4622
2.528		3039	1660
2.625		2889	1821
2.652	TCX	1169086	710685
2.742		3679	7272
2.821		3634	2050
2.869		12627	12110
2.909		2912	4203
2.948		17309	7495
2.96		11738	4999
3.038		1669	2815
3.149		4921	6836
3.216		6632	9191
3.266		5747	4217
3.282		4378	2002
3.303		10239	8514
3.361		10933	10272
3.391		2812	3128
3.422		5116	2432
3.442		11634	5908
3.472		10604	11057
3.532		15037	12932
3.565		69303	42038
3.589		94654	53097
3.606		52583	25573
3.692		29750	18823
3.714		21989	11483
3.736		53257	40804
3.766		28764	15439
3.783		26374	12955
3.821		34534	24676
3.865		48821	36156
3.917		520819	369069
3.942		44174	22348
3.962		226953	135186
3.981		260418	165453

4.017		694029	497064
4.049		430533	266111
4.066		126362	65799
4.088		92944	58256
4.128		72476	56754
4.162		217670	184593
4.183		58508	38322
4.22		237677	170287
4.262		347114	237000
4.28		918527	504754
4.294		767962	372204
4.319		610678	579039
4.373		3458251	2681887
4.411		30747	22607
4.42		37574	17393
4.443		310994	193803
4.467		1029578	763723
4.51		4181978	3266850
4.613		2893147	2956692
4.666		556985	469536
4.705		1089736	927518
4.741		4786052	4017824
4.775		2031535	1459767
4.813		1445233	1123851
4.871		8645	5047
4.913		357976	260298
4.93		77176	41732
4.964		2518986	1953488
4.988		564891	389437
5.039		1481710	1305076
5.074		730032	568017
5.104		518781	415056
5.136		121014	68565
5.159		6105706	5092429
5.2		114567	80601
5.231		184654	148684
5.273		8303	5466
5.295		14371	9687
5.331		3796	2935
5.35		49122	29344
5.374		1059929	852952
5.418		3684121	4000662
5.573		74168	63880
5.618		93079	76324
5.642		31888	18436
5.665		37980	23933
5.691		560763	478486
5.732		4371	4059
5.772		8265	5107
5.799		1166277	1002804
5.83		65936	48374
5.998		228867	209330
6.157	DCB	508211	463099
6.194		5670	4678
6.33		1994	1525
6.636		4203	3541
7.226		1668	1911
7.266		1142	1479
8.188		10694	19064
8.296		8705	17993
8.512		25917	51307

9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082

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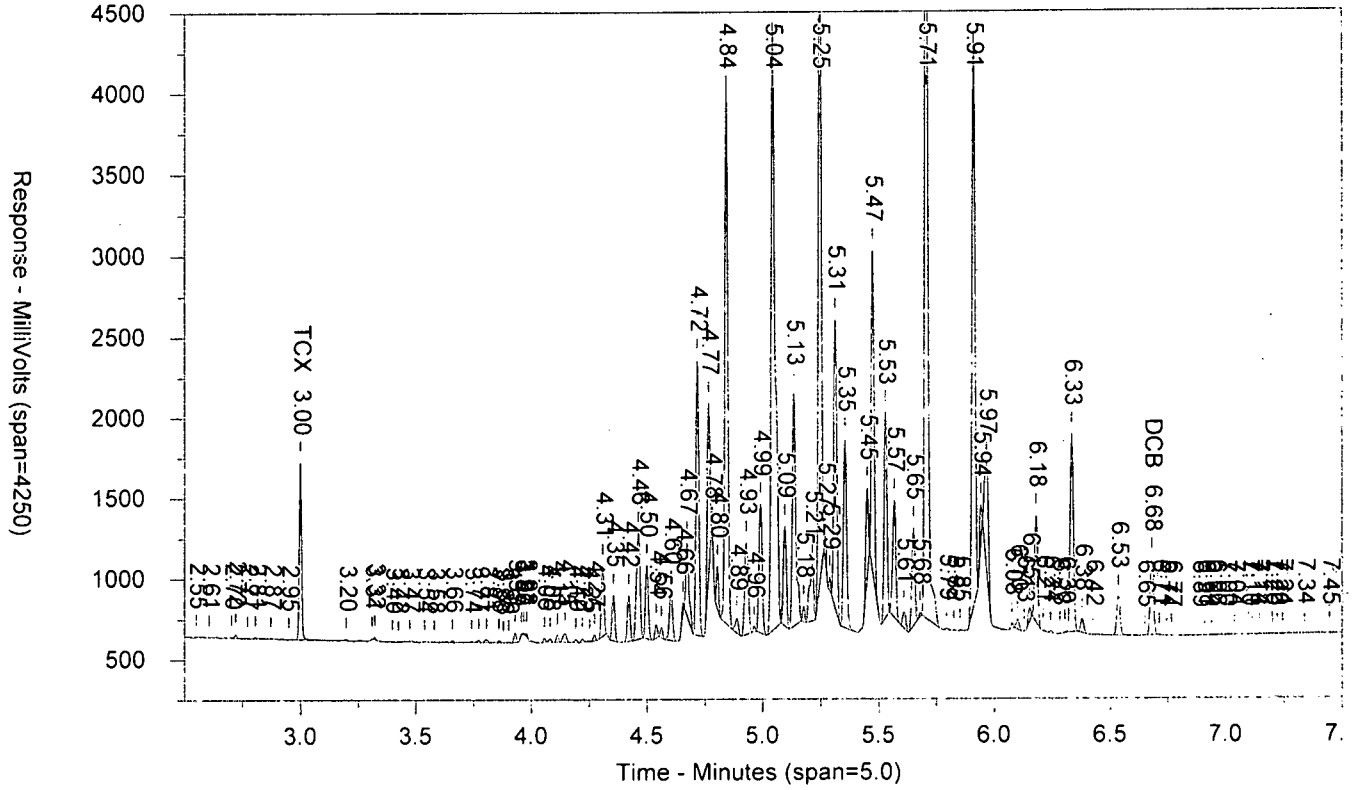

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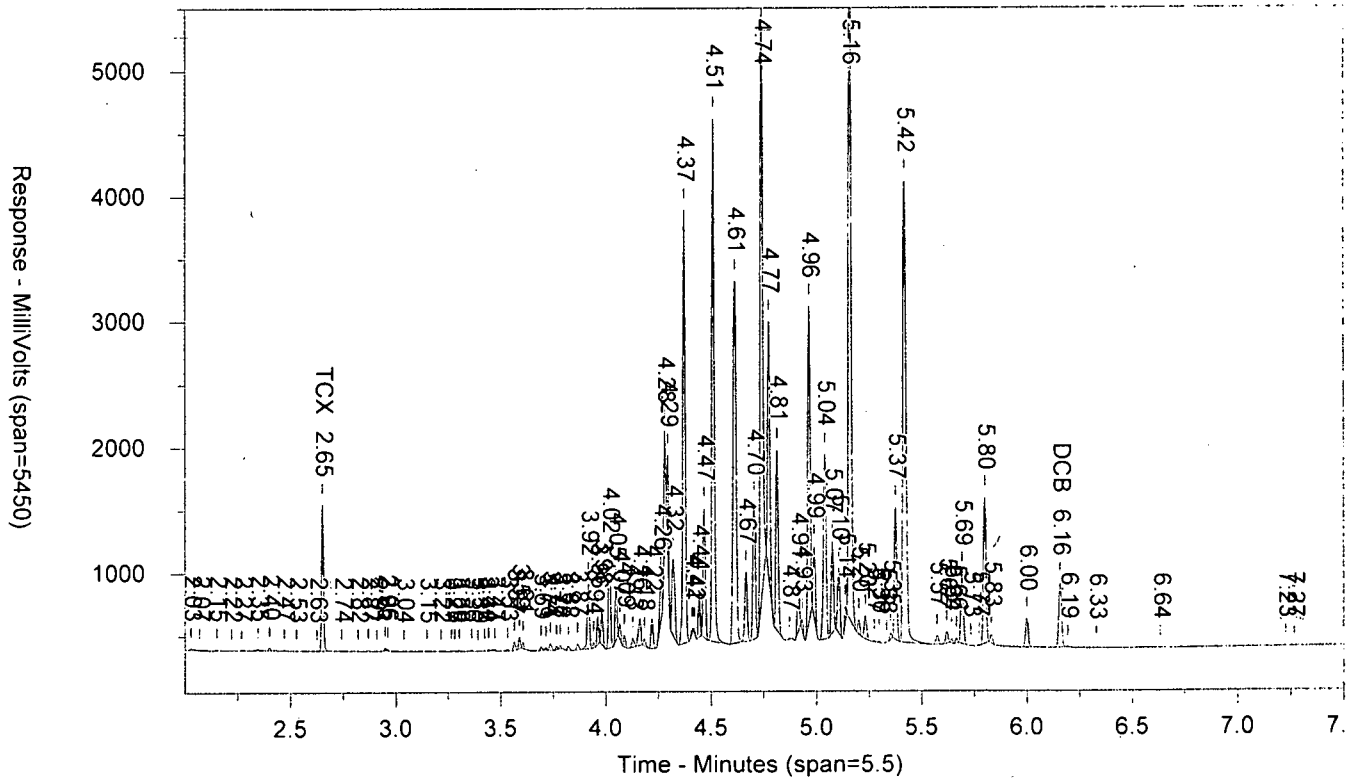

LANCASTER LABORATORIES

Sample Number: 9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:21:13 AM
Sample Weight: 10.31
Instrument ID: CP7-19843A
Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	1099280	28.17	TCX	2.652	1169086	29.178	TCX
6.681	463799	33.328	DCB	6.157	508211	30.943	DCB

Files:
Area File: 07pcbs17250008.0094.RAW
Area File: 07pcbs17250008B.0094.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 10:29:57 AM
File Reported On: 9/18/2017 at 10:30:06 AM

9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082

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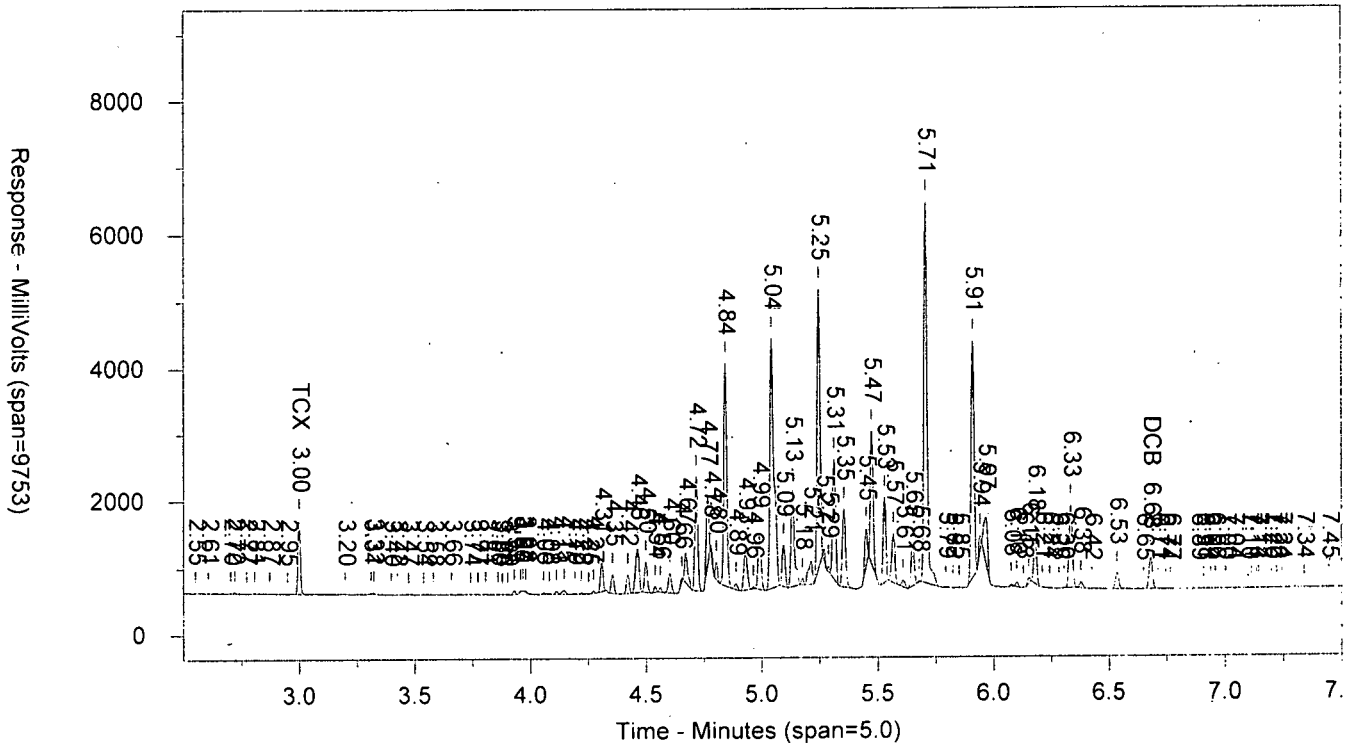

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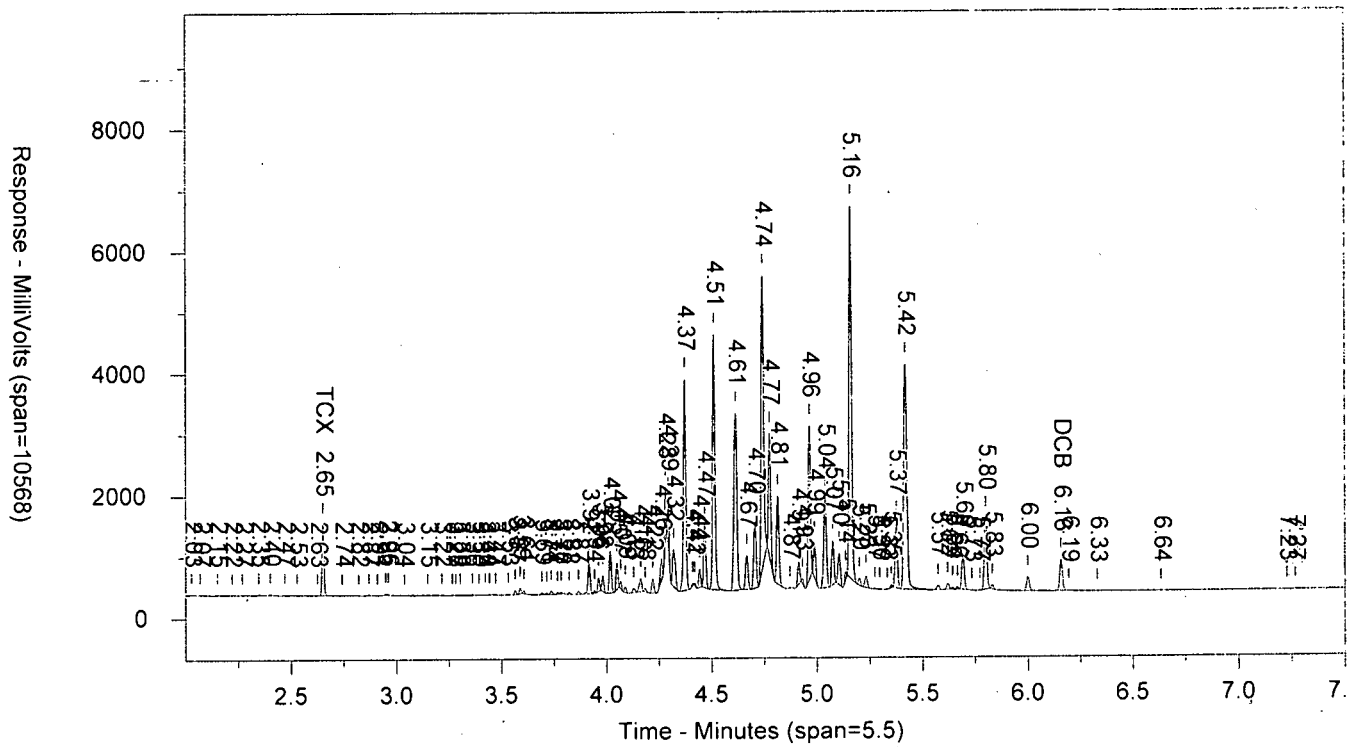

9202650 ACF DF10 AC-110E T 172560012A 10225 SW-846 8082

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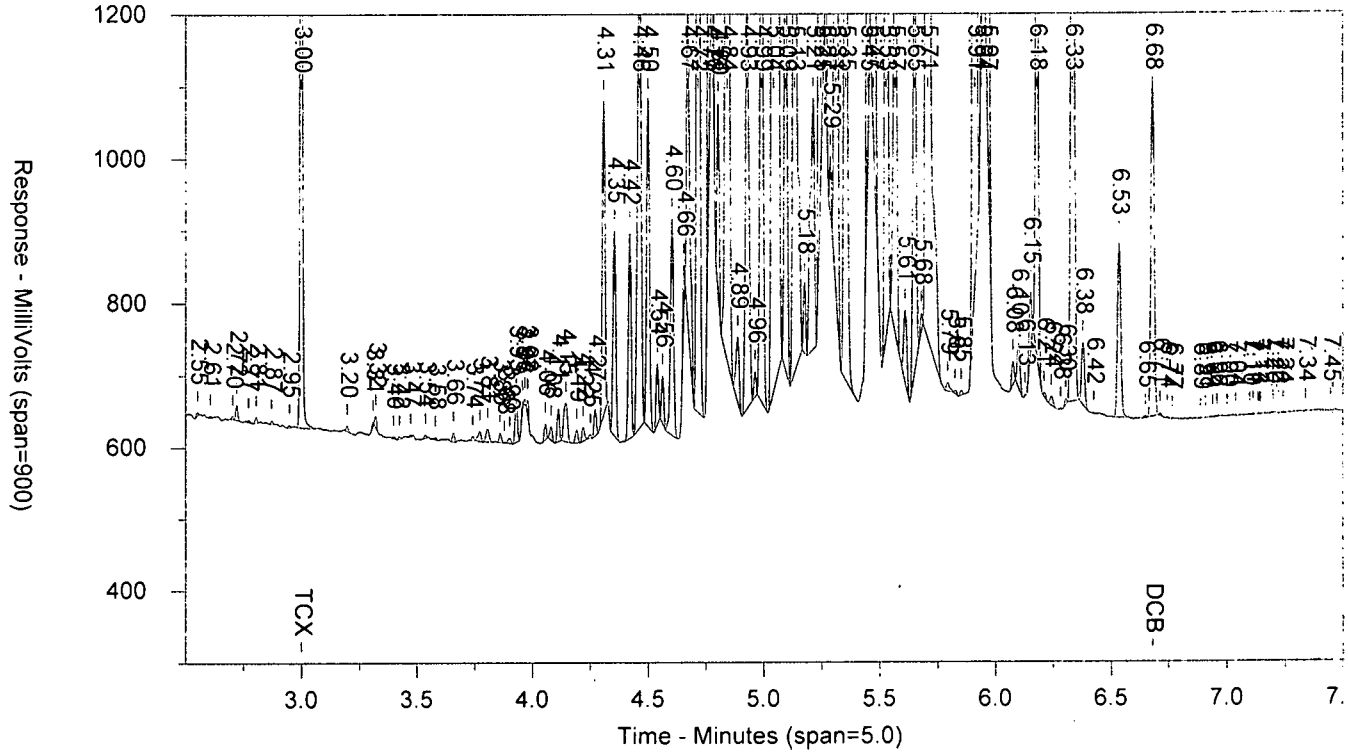

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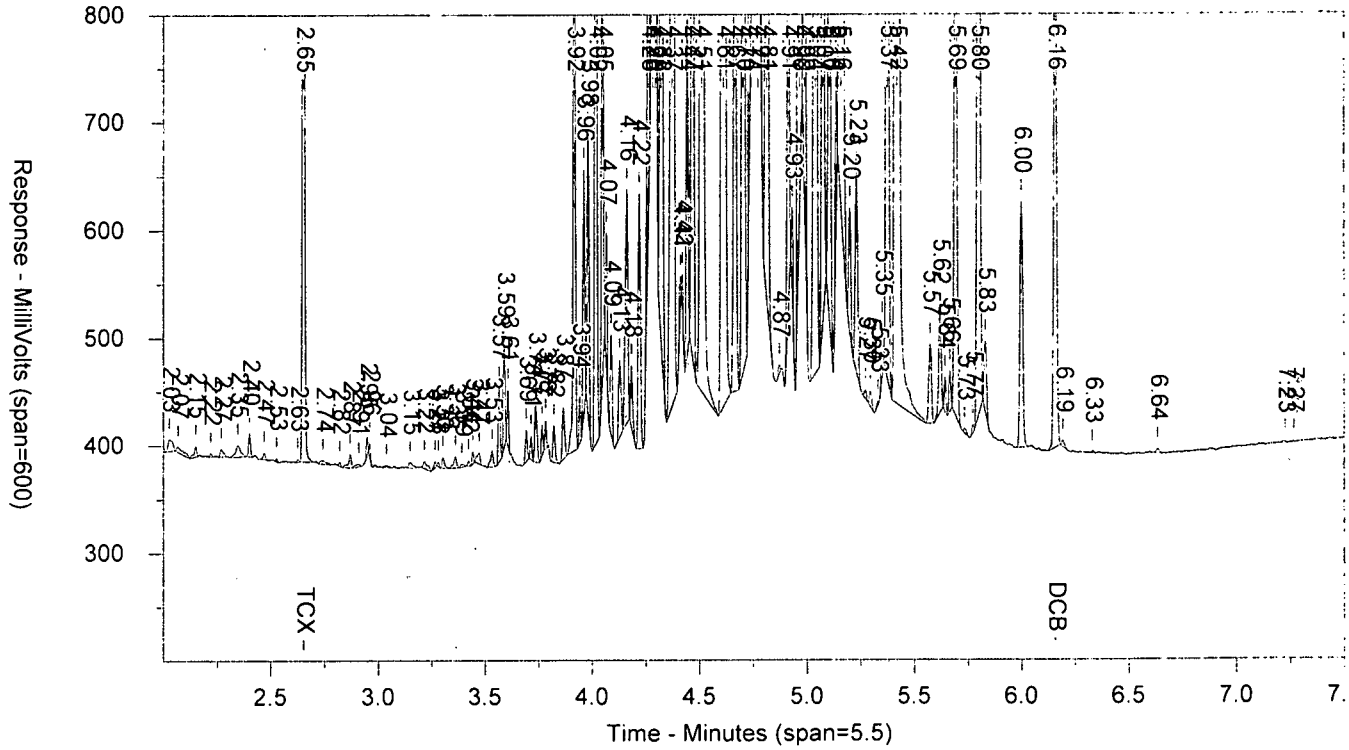

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Data Summary

Sample Name: 9202651 RI ACF DF10 -111W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 100 ml Analyst: 9065 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 20, 2017 03:37:12
Instrument	19843A
Result file	07PCBS1725010.0040.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 69% (61 - 152) Conc: 20.86249
%SSR(DCB) 120% (48 - 164) Conc: 32.31933

Analysis Report (B)

Injected on	Sep 20, 2017 03:37:12
Instrument	19843B
Result file	07PCBS1725010B.0040.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 73% (61 - 152) Conc: 22.24844
%SSR(DCB) 106% (48 - 164) Conc: 28.55293

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	796758	20.86249
Decachlorobiphenyl	6.65	6.68	6.71	440169	32.31933

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	872406	22.24844
Decachlorobiphenyl	6.13	6.16	6.19	458954	28.55293

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	22.24844				6.43	
☑	Tetrachloro-m-xylene-D1	A	20.86249					
☑	Tetrachloro-m-xylene-D2	B	22.24844					
☐	Decachlorobiphenyl	A	32.31933				12.37	
☑	Decachlorobiphenyl-D1	A	32.31933					
☑	Decachlorobiphenyl-D2	B	28.55293					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.79**	
4.82	4.84	4.86	2720218	1852.332785			1
5.02	5.04	5.06	3236409	2245.160679			2
5.23	5.24	5.27	3633639	2656.523653			3
5.45	5.47	5.49	1681822	2123.288303			4
5.69	5.70	5.73	4577090	2359.633663			5
5.89	5.91	5.93	2920591	2302.339573			6

Height summation: **18769769**
Concentration CF: **2256.546443** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.97**	
4.35	4.37	4.39	3001424	1995.949769			1
4.49	4.51	4.53	3764018	2182.03513			2
4.60	4.61	4.64	2631150	1886.367374			3
4.72	4.74	4.76	4224752	2509.969711			4
5.14	5.16	5.18	5177276	2382.369285			5
5.40	5.42	5.44	3055353	2374.15819			6

Height summation: **21853973**
Concentration CF: **2221.808243** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<505.4509	<98.1169	D1		4	
☑	PCB-1221			<505.4509	<151.6353	D1		3	
☑	PCB-1232			<505.4509	<121.9029	D1		4	
☑	PCB-1242			<505.4509	<121.9029	D1		4	
☑	PCB-1248			<505.4509	<98.1169	D1		4	
☑	PCB-1254			<505.4509	<130.8226	D1		4	
☑	PCB-1260	A	2256.546443	505.4509	115.9564	D1	1.55	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/20/2017 09:59:26

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202651** RI ACF DF10 -111W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 69% (61-152) Conc.: 20.86249
%SSR(DCB) : 120% (48-164) Conc.: 32.31933

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**141.99**	
3.23	3.24	3.27	8851.176	13.343257			1
+ 3.23	3.26	3.27	5624.418	8.478879			1
3.45	3.48	3.49	14977.56	22.058532			2
+ 3.74	3.75	3.78	4146.102	5.231912			4
3.74	3.77	3.78	21766.06	27.466306			4
3.78	3.80	3.82	19225.75	20.671988			5
3.91	3.93	3.95	114996.7	201.577096			6
Height Summation:			**179817.246**				
Amount Avg CF:			**57.023436**	Linear:			
Aroclor-1221					**3**	**62.27**	
+ 3.13	3.15	3.17	2716.692	8.845419			1
3.13	3.16	3.17	15591.93	50.766579			1
3.18	3.21	3.22	11006.98	39.17986			2
3.23	3.24	3.27	8851.176	10.344021			3
+ 3.23	3.26	3.27	5624.418	6.573036			3
Height Summation:			**35450.086**				
Amount Avg CF:			**33.430153**	Linear:			
Aroclor-1232					**5**	**156.78**	
3.23	3.24	3.27	8851.176	11.373548			1
+ 3.23	3.26	3.27	5624.418	7.227242			1
3.45	3.48	3.49	14977.56	46.089493			2
+ 3.74	3.75	3.78	4146.102	11.35066			4
3.74	3.77	3.78	21766.06	59.588293			4
3.78	3.80	3.82	19225.75	42.177076			5
3.91	3.93	3.95	114996.7	501.145861			6
Height Summation:			**179817.246**				
Amount Avg CF:			**132.074854**	Linear:			
Aroclor-1242					**5**	**146.77**	
3.23	3.24	3.27	8851.176	9.965392			1
+ 3.23	3.26	3.27	5624.418	6.332439			1
3.45	3.48	3.49	14977.56	16.773997			2
+ 3.74	3.75	3.78	4146.102	3.535347			4
3.74	3.77	3.78	21766.06	18.559741			4
3.78	3.80	3.82	19225.75	14.944601			5
3.91	3.93	3.95	114996.7	158.373618			6
Height Summation:			**179817.246**				
Amount Avg CF:			**43.72347**	Linear:			

Analysis Report (B)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0040.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 73% (61-152) Conc.: 22.24844
%SSR(DCB) : 106% (48-164) Conc.: 28.55293

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**122.95**	
2.92	2.95	2.96	118921	175.239775			1
+ 3.12	3.13	3.16	2932.879	3.398218			2
3.12	3.14	3.16	4888.806	5.664478			2
3.25	3.27	3.29	8435.373	9.888153			3
+ 3.25	3.28	3.29	5414.593	6.34712			3
+ 3.40	3.42	3.44	13308.67	14.556129			4
* 3.44	3.44	3.48	17066.3	19.873623			5
* 3.40	3.44	3.44	17066.3	18.665973			4
+ 3.44	3.47	3.48	12961.18	15.093231			5
3.57	3.59	3.61	110482.7	156.197921			6
+ 3.57	3.60	3.61	46955.06	66.383993			6
Height Summation:			**276860.479**				
Amount Avg CF:			**64.254987**	Linear:			
Aroclor-1221					**2**	**51.90**	
2.86	2.87	2.90	14009.27	60.422499			2
2.92	2.95	2.96	118921	130.483727			3
Height Summation:			**132930.27**				
Amount Avg CF:			**95.453113**	Linear:			
Aroclor-1232					**6**	**133.35**	
2.92	2.95	2.96	118921	143.236721			1
+ 3.12	3.13	3.16	2932.879	6.730659			2
3.12	3.14	3.16	4888.806	11.219312			2
3.25	3.27	3.29	8435.373	20.014685			3
+ 3.25	3.28	3.29	5414.593	12.847253			3
+ 3.40	3.42	3.44	13308.67	31.630449			4
* 3.44	3.44	3.48	17066.3	39.830523			5
* 3.40	3.44	3.44	17066.3	40.561133			4
+ 3.44	3.47	3.48	12961.18	30.249707			5
3.57	3.59	3.61	110482.7	371.513535			6
+ 3.57	3.60	3.61	46955.06	157.892958			6
Height Summation:			**276860.479**				
Amount Avg CF:			**104.395985**	Linear:			
Aroclor-1242					**6**	**122.25**	
2.92	2.95	2.96	118921	126.721377			1
+ 3.12	3.13	3.16	2932.879	3.848396			2
3.12	3.14	3.16	4888.806	6.414878			2
3.25	3.27	3.29	8435.373	7.564919			3
+ 3.25	3.28	3.29	5414.593	4.855856			3
+ 3.40	3.42	3.44	13308.67	10.024716			4
* 3.44	3.44	3.48	17066.3	14.358357			5
* 3.40	3.44	3.44	17066.3	12.85514			4
+ 3.44	3.47	3.48	12961.18	10.904605			5
3.57	3.59	3.61	110482.7	123.567484			6
+ 3.57	3.60	3.61	46955.06	52.516083			6
Height Summation:			**276860.479**				
Amount Avg CF:			**48.580359**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202651** RI ACF DF10 -111W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	158.73	
3.78	3.80	3.82	19225.75	41.934509			1
3.84	3.86	3.88	12058.99	24.725437			2
+ 3.84	3.87	3.88	7562.179	15.505293			2
3.91	3.93	3.95	114996.7	141.606366			3
4.03	4.05	4.07	54519.68	59.455073			4
4.12	4.14	4.16	48786.82	61.450769			5
4.30	4.30	4.34	656075.8	773.658697			6
+ 4.30	4.32	4.34	29694.8	35.016747			6
Height Summation:			**905663.74**				
Amount Avg CF:			**183.805142**	Linear:			
Aroclor-1254					6	103.68	
4.29	4.30	4.32	656075.8	717.497327			1
+ 4.29	4.32	4.32	29694.8	32.474814			1
+ 4.63	4.65	4.67	202134.7	208.440136			2
4.63	4.67	4.67	292947.6	302.085874			2
4.69	4.71	4.73	1255097	611.774146			3
4.91	4.93	4.95	658785.4	525.302808			4
5.11	5.13	5.15	1333975	1859.031595			5
5.23	5.24	5.27	3633639	3854.77911			6
Height Summation:			**7830519.8**				
Amount Avg CF:			**1311.745143**	Linear:			
Aroclor-1260					6	11.79	
4.82	4.84	4.86	2720218	1852.332785			1
5.02	5.04	5.06	3236409	2245.160679			2
5.23	5.24	5.27	3633639	2656.523653			3
5.45	5.47	5.49	1681822	2123.288303			4
5.69	5.70	5.73	4577090	2359.633663			5
5.89	5.91	5.93	2920591	2302.339573			6
Height Summation:			**18769769**				
Amount Avg CF:			**2256.546442**	Linear:			
Aroclor-1262					6	32.96	
5.29	5.31	5.33	1470530	1251.349432			1
5.45	5.47	5.49	1681822	1609.86909			2
E 5.69	5.70	5.73	4577090	1996.75247			3
5.89	5.91	5.93	2920591	1866.730323			4
5.95	5.96	5.99	523062.6	664.442306			5
6.31	6.33	6.35	971495.1	1376.277715			6
Height Summation:			**12144590.7**				
Amount Avg CF:			**1460.903556**	Linear:			
Aroclor-1268					6	97.18	
5.89	5.91	5.93	2920591	1040.604442			1
5.95	5.96	5.99	523062.6	215.521968			2
6.08	6.10	6.12	41804.96	17.949113			3
+ 6.14	6.15	6.18	84912.95	138.859487			4
6.14	6.18	6.18	521375.7	852.613907			4
6.31	6.33	6.35	971495.1	1353.564706			5
6.51	6.53	6.55	187969.3	39.790187			6
Height Summation:			**5166298.66**				
Amount Avg CF:			**586.674054**	Linear:			

Analysis Report (B)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0040.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	136.38	
3.44	3.44	3.48	17066.3	43.391705			1
+ 3.44	3.47	3.48	12961.18	32.954284			1
3.51	3.53	3.55	19055.31	35.341932			2
3.55	3.56	3.59	123570.5	133.092812			3
3.67	3.69	3.71	67590.07	60.547749			4
+ 3.76	3.76	3.80	25518.67	33.059668			5
3.76	3.78	3.80	33351.58	43.207274			5
3.90	3.91	3.94	763260.1	519.815559			6
Height Summation:			**1023893.86**				
Amount Avg CF:			**139.232839**	Linear:			
Aroclor-1254					6	105.70	
4.20	4.22	4.24	421369	361.8613			1
4.26	4.28	4.30	630714.1	306.332152			2
+ 4.26	4.29	4.30	622196.8	302.195376			2
4.35	4.37	4.39	3001424	3103.484315			3
4.42	4.44	4.46	496079.1	390.08269			4
4.64	4.66	4.68	527240.4	588.875631			5
4.72	4.74	4.76	4224752	2978.150118			6
Height Summation:			**9301578.6**				
Amount Avg CF:			**1288.131034**	Linear:			
Aroclor-1260					6	10.97	
4.35	4.37	4.39	3001424	1995.949769			1
4.49	4.51	4.53	3764018	2182.03513			2
4.60	4.61	4.64	2631150	1886.367374			3
4.72	4.74	4.76	4224752	2509.969711			4
5.14	5.16	5.18	5177276	2382.369285			5
5.40	5.42	5.44	3055353	2374.15819			6
Height Summation:			**21853973**				
Amount Avg CF:			**2221.808243**	Linear:			
Aroclor-1262					6	31.23	
4.76	4.77	4.80	1631255	991.163805			1
4.95	4.96	4.99	2049164	1337.978441			2
+ 4.95	4.99	4.99	427548.5	279.162954			2
5.14	5.16	5.18	5177276	1832.088564			3
5.36	5.37	5.40	795127.9	777.963892			4
5.40	5.42	5.44	3055353	1772.208697			5
5.78	5.80	5.82	955204.2	1294.555996			6
Height Summation:			**13663380.1**				
Amount Avg CF:			**1334.326566**	Linear:			
Aroclor-1268					6	121.71	
5.36	5.37	5.40	795127.9	271.532466			1
5.40	5.42	5.44	3055353	1088.223372			2
5.56	5.57	5.60	72328.77	30.813248			3
+ 5.62	5.64	5.66	24837.21	43.466282			4
5.62	5.66	5.66	40261.3	70.459162			4
5.78	5.80	5.82	955204.2	1187.025384			5
5.98	6.00	6.02	174183.3	31.452701			6
Height Summation:			**5092458.47**				
Amount Avg CF:			**446.584389**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202651** RI ACF DF10 -111W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843A
Result file : 07PCBS1725010.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 20, 2017 03:37:12
Instrument : CP 7--19843B
Result file : 07PCBS1725010B.0040.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			505.451	98.117		11.93	4	40	
Aroclor-1221			505.451	151.6353		** 96.25	3	40	
Aroclor-1232			505.451	121.9029		23.41	4	40	
Aroclor-1242			505.451	121.9029		10.52	4	40	
Aroclor-1248			505.451	98.117		27.60	4	40	
Aroclor-1254			505.451	130.8226		1.82	4	40	
Aroclor-1260			505.451	115.9564		1.55	4	40	
Aroclor-1262			505.451	98.117	E	9.06	4	40	
Aroclor-1268			505.451	98.117		27.12	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082
Injected On: 9/20/2017 3:37:12 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010.0040.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.52		20975	19796
1.581		58323	158132
1.64		44286	38911
1.671		34382	33921
1.695		53247	75090
1.719		45824	56572
1.745		35994	33891
1.796		64623	147160
1.834		27265	21294
1.845		29230	18867
1.875		26125	17463
1.893		51195	44716
1.919		25483	15841
1.945		35991	59098
1.984		45217	35950
2.003		52543	54834
2.028		35862	27156
2.067		52459	68946
2.088		41464	37683
2.116		44847	51036
2.141		32783	44110
2.175		60408	66504
2.199		73517	64669
2.214		57507	72620
2.241		38195	39799
2.268		44860	30807
2.289		43043	31219
2.301		38242	26610
2.321		18665	13085
2.344		30198	31147
2.379		53474	39369
2.394		17506	7923
2.41		13330	7273
2.432		17840	9298
2.459		50111	88431
2.496		21249	24294
2.515		32125	32771
2.547		30208	37955
2.582		17976	16109
2.605		13788	6385
2.624		5395	3897
2.636		13696	8220
2.675		14455	7733
2.692		25920	25417
2.719		27369	13550
2.734		6469	3633
2.758		6067	2638
2.772		17277	17502
2.804		30951	24323
2.822		3974	1886
2.855		10579	4276
2.873		24462	17217
2.901		8817	6198

RT A	Compound A	Height A	Area A
2.959		71319	60660
2.998	TCX	796758	540632
3.047		15258	12055
3.075		25076	27029
3.121		4824	6298
3.149		2717	1013
3.163		15592	8459
3.182		12490	9245
3.207		11007	5052
3.226		7823	3627
3.242		8851	5661
3.259		5624	3008
3.281		14856	8029
3.296		21682	13806
3.317		124667	76213
3.344		30277	22895
3.365		5007	2185
3.395		7220	3696
3.419		15065	12706
3.442		14081	9373
3.484		14978	18976
3.509		5646	4758
3.536		9369	7184
3.557		22028	21542
3.61		13529	13774
3.625		3771	1561
3.643		16248	16788
3.676		6460	4196
3.705		8507	9946
3.75		4146	6660
3.77		21766	12726
3.802		19226	18617
3.832		2956	2122
3.857		12059	7145
3.871		7562	6469
3.902		18150	14672
3.925		114997	80128
3.954		17933	11046
3.963		17507	6477
3.975		14029	6141
4.001		13344	9320
4.029		5392	3308
4.052		54520	38473
4.076		12404	7427
4.109		24585	14303
4.142		48787	68620
4.182		10432	10642
4.217		28500	32335
4.246		23475	15937
4.27		49233	42884
4.305		656076	488904
4.323		29695	12660
4.35		156197	131574
4.418		210248	201059
4.461		1029085	978783
4.495		267778	220209
4.536		17198	11034
4.559		32448	23441
4.6		295835	295842
4.651		202135	136437
4.669		292948	243633
4.714		1255097	1075977
4.763		1091394	1201062
4.799		295400	209521
4.839		2720218	2487287
4.885		83082	68713

RT A	Compound A	Height A	Area A
4.927		658785	697985
4.96		34632	22601
4.986		570389	531991
5.039		3236409	3945247
5.091		513242	465985
5.129		1333975	1415590
5.172		54616	32293
5.21		291819	361492
5.243		3633639	3092794
5.265		127649	64626
5.285		79784	36963
5.309		1470530	1276219
5.351		1028807	982371
5.446		458535	368874
5.47		1681822	1402555
5.527		1004090	927346
5.565		665577	637093
5.606		96014	108949
5.647		578308	577363
5.679		32904	21396
5.704		4577090	4125469
5.729		33355	53625
5.85		1581	689
5.908		2920591	2697556
5.938		242298	160100
5.962		523063	568396
6.073		44944	35762
6.097		41805	32944
6.149		84913	66174
6.177		521376	483450
6.241		12609	12265
6.303		6462	3673
6.33		971495	940741
6.375		65820	60390
6.531		187969	178732
6.578		1780	546
6.615		1361	1287
6.646		3476	1931
6.677	DCB	440169	416753
6.709		3155	2267
6.744		2362	2554
6.853		2389	4503
6.875		1222	517
6.942		2274	2111
7.035		2498	4601
7.068		1964	1211
7.229		1474	711
7.247		1106	360
7.323		2142	1312
7.363		1388	392
7.459		1475	941
7.519		1713	3607
7.533		2077	862
7.665		1244	626
7.777		1951	738
7.847		1448	378
7.86		2364	1906
7.898		2046	621
8.083		1559	623
8.181		1739	2113
8.362		1169	356
8.406		1168	544
8.461		1644	391
8.538		1699	705
8.59		1526	349

LANCASTER LABORATORIES

Sample Number: 9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082
Injected On: 9/20/2017 3:37:12 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010B.0040.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.513		13828	11122
1.527		14628	11174
1.568		12105	11057
1.59		4531	3299
1.615		9986	5668
1.644		4710	2925
1.684		14145	15682
1.714		10098	6303
1.748		14405	18403
1.77		13734	11838
1.805		11300	8858
1.829		8551	6010
1.873		10964	17898
1.91		49357	36360
1.939		12280	7044
1.964		15743	13372
1.993		37786	27611
2.019		9070	7256
2.041		9300	9573
2.087		8972	7839
2.104		8420	7143
2.138		6839	4516
2.201		17208	17417
2.226		6609	3766
2.245		4268	2578
2.267		10644	5657
2.284		4607	2263
2.346		4403	6337
2.357		8142	5145
2.401		39928	26235
2.45		3693	2171
2.478		6669	6915
2.498		4929	2651
2.526		7328	7155
2.574		12100	11735
2.612		4839	4343
2.652	TCX	872406	541027
2.683		5395	2618
2.712		4040	1663
2.741		7770	7357
2.767		4435	3169
2.796		2255	782
2.847		4629	2481
2.87		14009	11573
2.906		3529	1447
2.948		118921	81070
2.982		12116	8531
3.007		20794	12235
3.043		11679	13775
3.113		4300	5351
3.128		2933	1211
3.144		4889	2589
3.184		4521	4604
3.218		10122	15097

3.265	8435	4971
3.283	5415	3067
3.302	17667	13458
3.344	4574	2474
3.362	6796	5972
3.393	4106	2873
3.421	13309	8472
3.441	17066	8729
3.47	12961	11548
3.53	19055	14759
3.563	123571	70585
3.587	110483	61770
3.604	46955	22149
3.661	3484	1537
3.689	67590	45918
3.712	15418	8126
3.734	34170	27160
3.765	25519	13649
3.781	33352	20367
3.821	16912	11757
3.864	35368	29327
3.895	11743	7378
3.914	763260	506104
3.94	51100	27732
3.959	110773	62142
3.979	191052	123194
4.014	1022884	723273
4.047	248672	157848
4.064	112025	58166
4.085	26713	14123
4.125	42851	36277
4.159	231264	208049
4.181	14577	7842
4.217	421369	300165
4.26	258018	193581
4.278	630714	334180
4.291	622197	309582
4.317	476717	493644
4.37	3001424	2248918
4.409	92076	102723
4.44	496079	332007
4.465	728222	547307
4.507	3764018	2981052
4.611	2631150	2575099
4.663	527240	463324
4.702	836529	733364
4.739	4224753	3395060
4.772	1631255	1114781
4.811	1248197	1000719
4.882	12709	11227
4.911	302905	216273
4.928	70756	39535
4.962	2049164	1587198
4.986	427549	294765
5.037	1228489	1070744
5.072	643516	506191
5.102	416886	340630
5.134	222686	137471
5.156	5177276	4155454
5.197	111763	80506
5.229	158117	126071
5.268	5417	4480
5.348	42022	25403
5.372	795128	648890
5.416	3055353	3244319
5.571	72329	61861
5.616	91896	72272

5.64		24837	15179
5.663		40261	25272
5.689		453947	387894
5.731		4135	4027
5.77		7757	5026
5.796		955204	795505
5.828		56446	41560
5.996		174183	155011
6.155	DCB	458954	411924
6.192		5208	4732
6.332		2434	1893
6.358		6453	5420
6.425		1675	1244
6.492		1501	745
6.595		1623	1496
6.702		1105	2074
7.066		4850	4407
7.469		754	1615
7.617		6955	10449
7.758		1378	2957
8.292		9254	16459
8.514		4729	8015

9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082

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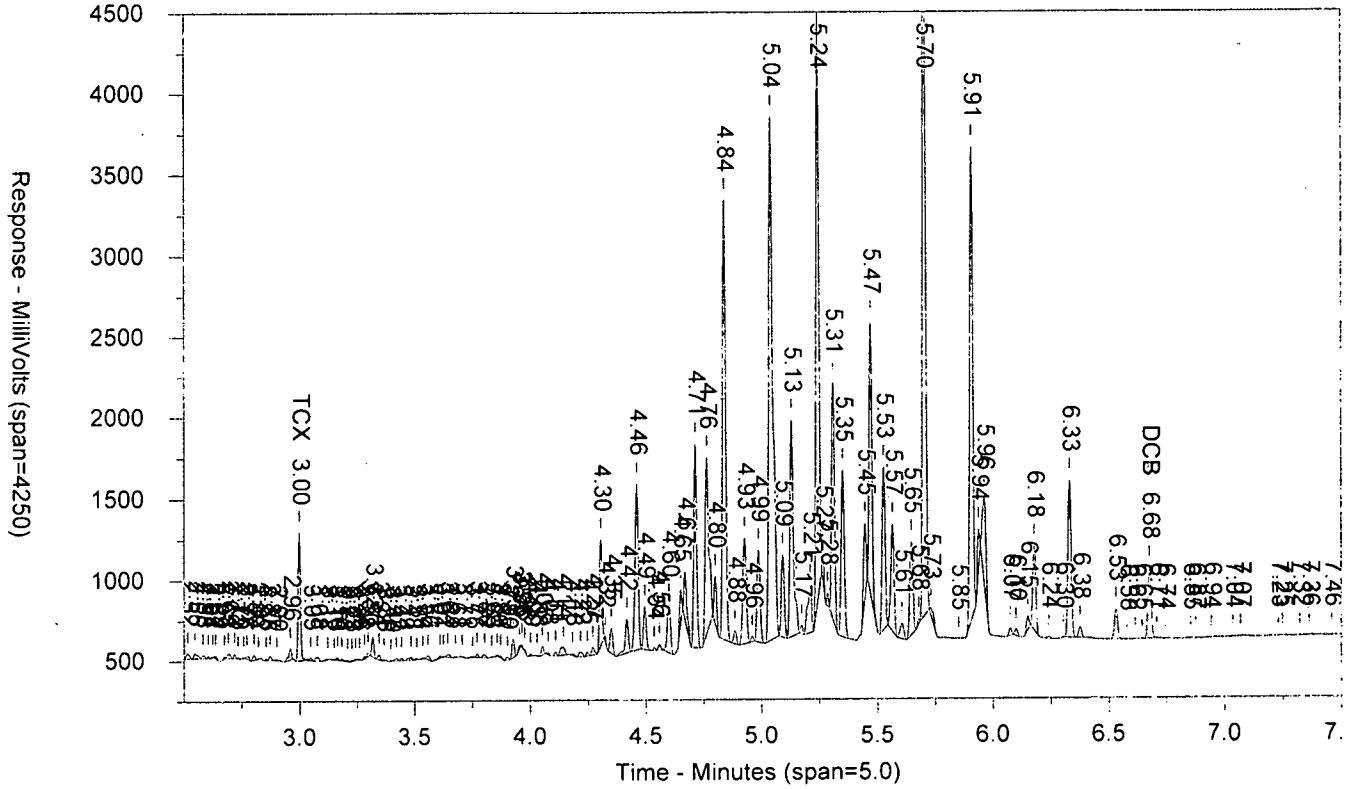

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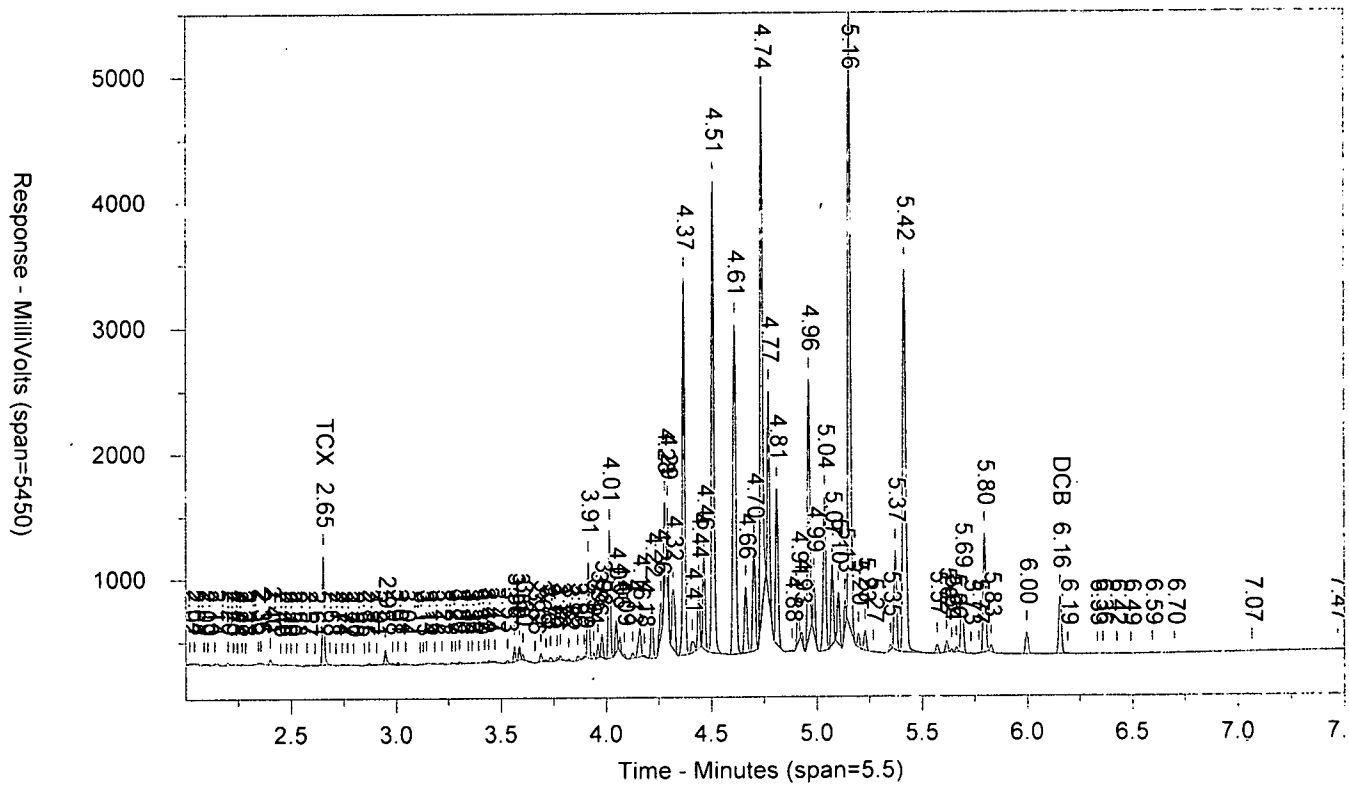

LANCASTER LABORATORIES

Sample Number: 9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082
Injected On: 9/20/2017 3:37:12 AM
Sample Weight: 10.09
Instrument ID: CP7-19843A
Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.998	796758	20.862	TCX	2.652	872406	22.248	TCX
6.677	440169	32.319	DCB	6.155	458954	28.553	DCB

Files:
Area File: 07pcbs1725010.0040.RAW
Area File: 07pcbs1725010B.0040.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/20/2017 7:23:02 AM
File Reported On: 9/20/2017 at 7:47:57 AM

9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082

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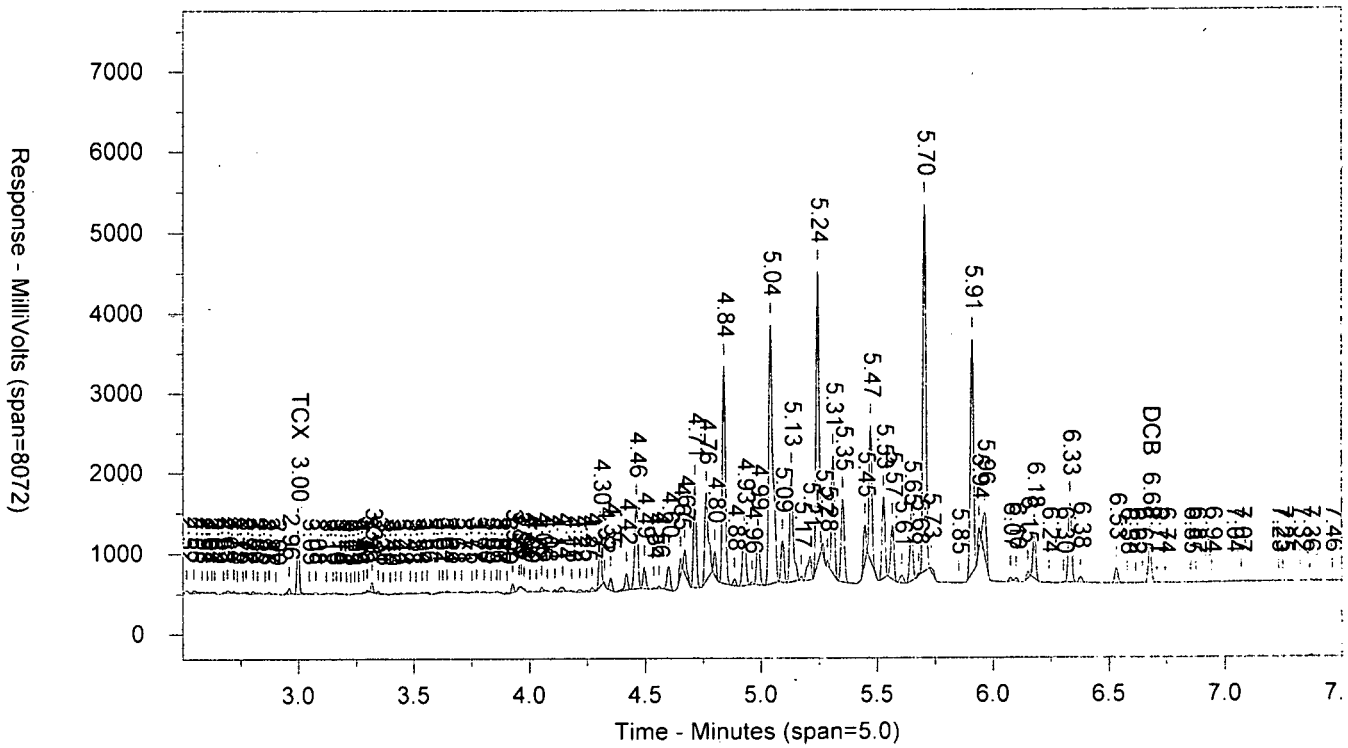

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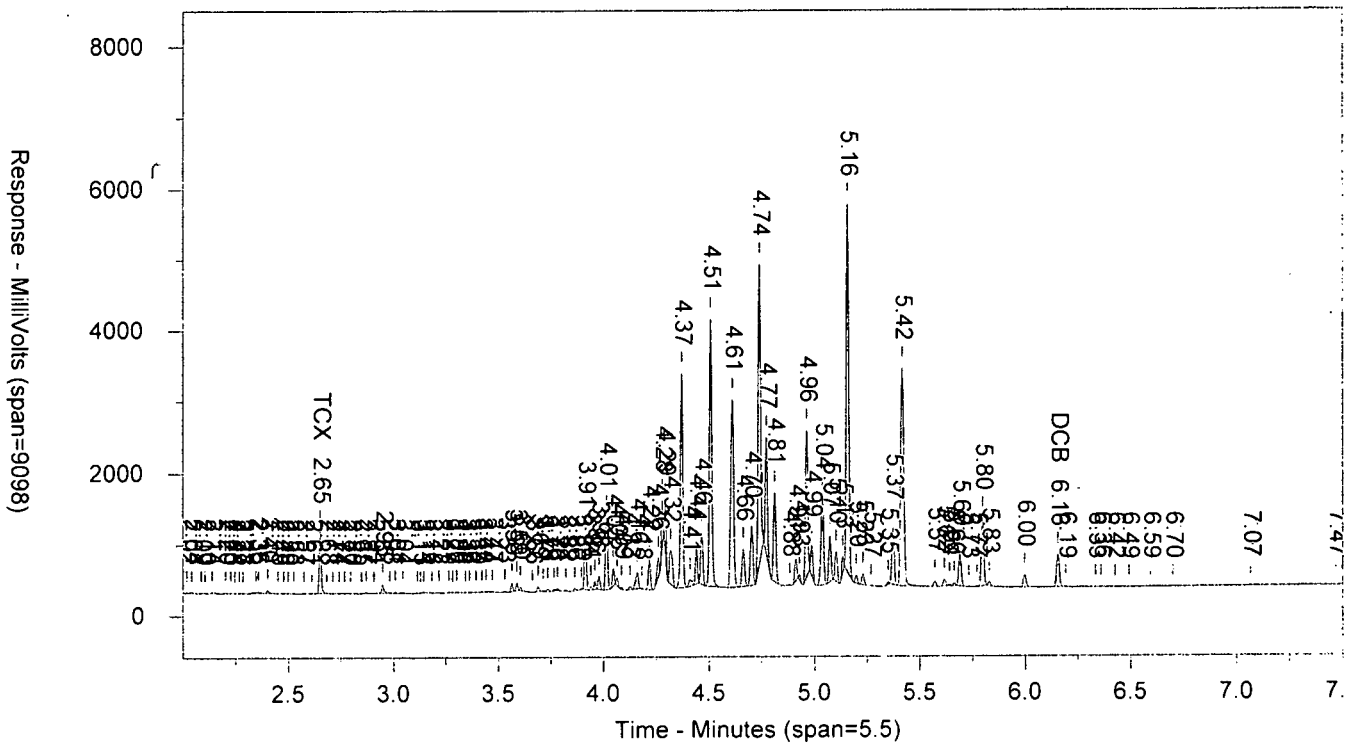

9202651 RI ACF DF10 AC-111W T 172560012A 10225 SW-846 8082

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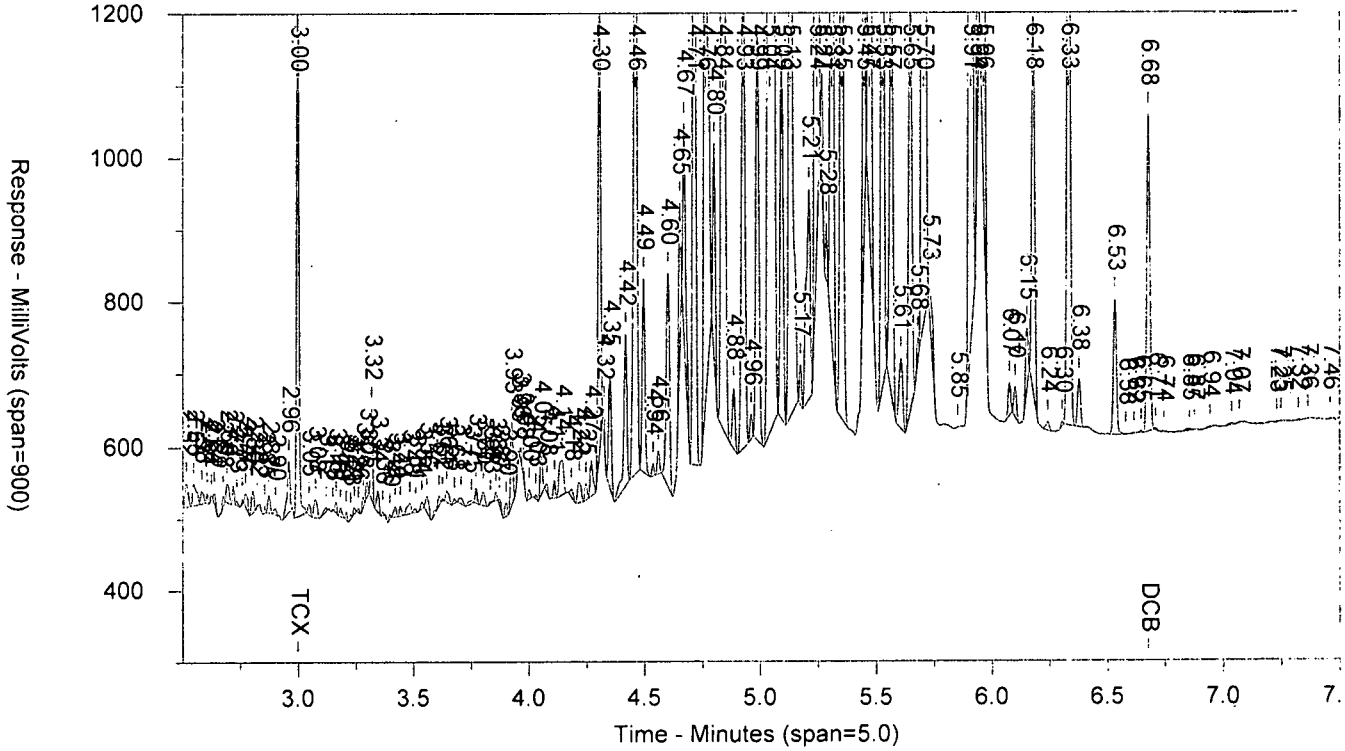

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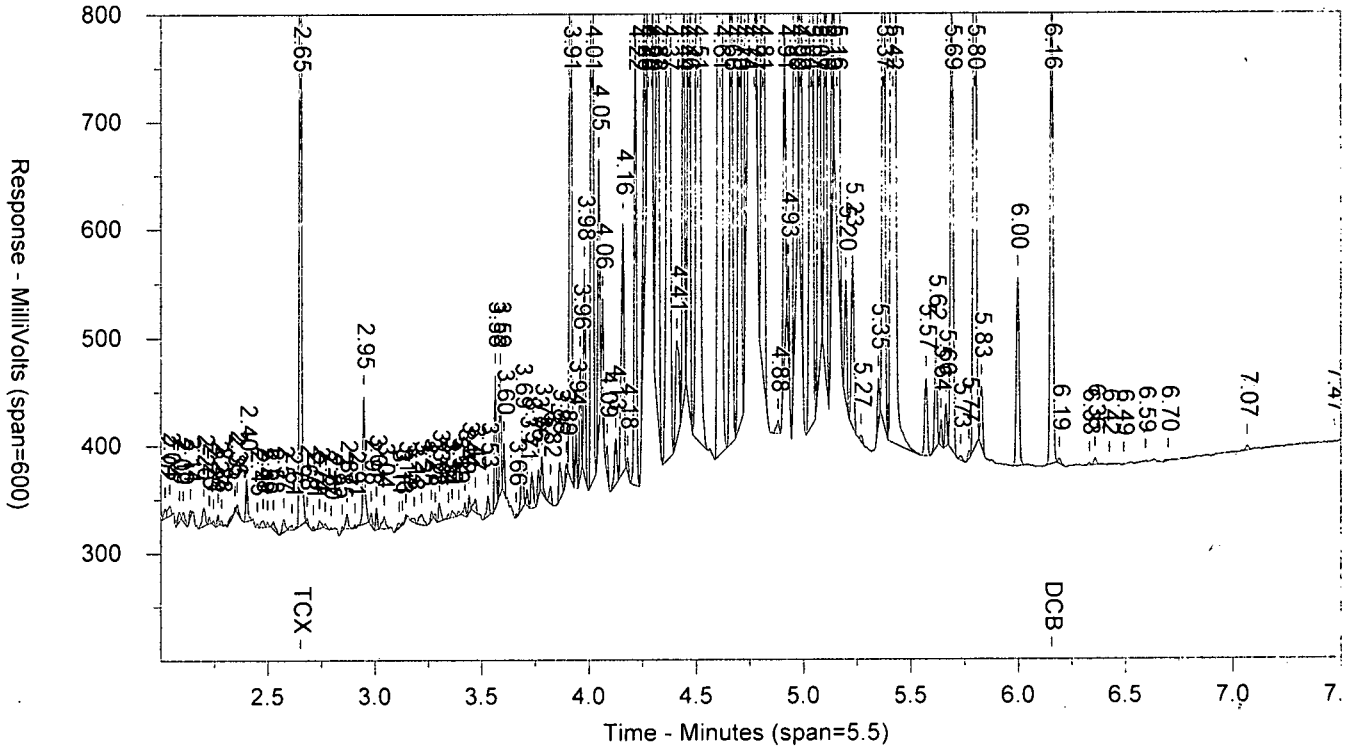

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Data Summary

Sample Name: 9202652 ACF DF20 -111E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.05 g Total Volume: 200 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 10:50:56
Instrument	19843A
Result file	07PCBS17250008.0096.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 68% (61 - 152) Conc: 20.82126
%SSR(DCB) 114% (48 - 164) Conc: 30.67594

Analysis Report (B)

Injected on	Sep 18, 2017 10:50:56
Instrument	19843B
Result file	07PCBS17250008B.0096.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 74% (61 - 152) Conc: 22.55874
%SSR(DCB) 107% (48 - 164) Conc: 28.83982

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	396016	20.82126
Decachlorobiphenyl	6.65	6.69	6.71	208065	30.67594

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	440533	22.55874
Decachlorobiphenyl	6.13	6.16	6.19	230864	28.83982

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	22.55874				8.01	
☑	Tetrachloro-m-xylene-D1	A	20.82126					
☑	Tetrachloro-m-xylene-D2	B	22.55874					
☐	Decachlorobiphenyl	A	30.67594				6.17	
☑	Decachlorobiphenyl-D1	A	30.67594					
☑	Decachlorobiphenyl-D2	B	28.83982					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**20.33**	
4.82	4.85	4.86	2332776	3189.653022			1
5.02	5.05	5.06	2677908	3730.222867			2
5.23	5.25	5.27	3135427	4602.816942			3
5.45	5.48	5.49	1135788	2879.262852			4
5.69	5.71	5.73	2756990	2853.943835			5
5.89	5.91	5.93	1876484	2970.28828			6

Height summation: **13915373**
Concentration CF: **3371.0313** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**18.51**	
4.35	4.38	4.39	2547463	3401.615654			1
4.49	4.51	4.53	3106302	3615.836822			2
4.60	4.61	4.64	2036225	2931.308546			3
4.72	4.74	4.76	3694921	4407.857216			4
5.14	5.16	5.18	3030112	2799.764774			5
5.40	5.42	5.44	1834050	2861.63692			6

Height summation: **16249073**
Concentration CF: **3336.336655** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<1014.9254	<197.0149	D1		4	
☑	PCB-1221			<1014.9254	<304.4776	D1		3	
☑	PCB-1232			<1014.9254	<244.7761	D1		4	
☑	PCB-1242			<1014.9254	<244.7761	D1		4	
☑	PCB-1248			<1014.9254	<197.0149	D1		4	
☑	PCB-1254			<1014.9254	<262.6866	D1		4	
☑	PCB-1260	A	3371.0313	1014.9254	232.8358	D1	1.03	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:50

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202652** ACF DF20 -111E ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.05 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0096.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 68% (61-152) Conc.: 20.82126
%SSR(DCB) : 114% (48-164) Conc.: 30.67594

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**198.45**	
3.23	3.24	3.27	8975.563	27.169251			1
+ 3.45	3.45	3.49	14828.01	43.850396			2
3.45	3.47	3.49	22043.03	65.187142			2
+ 3.56	3.56	3.60	9583.123	23.773109			3
3.56	3.59	3.60	14852.79	36.845712			3
+ 3.74	3.75	3.78	11985.59	30.369311			4
+ 3.74	3.76	3.78	10632.04	26.939661			4
3.74	3.77	3.78	30829.06	78.115247			4
3.78	3.81	3.82	54822.41	118.36197			5
3.91	3.93	3.95	489537.4	1723.045645			6
Height Summation:			**621060.253**				
Amount Avg CF:			**341.454161**	Linear:			
Aroclor-1221					**3**	**66.22**	
+ 3.13	3.14	3.17	3191.727	20.866944			1
3.13	3.16	3.17	13571.93	88.730868			1
+ 3.18	3.18	3.22	15379.56	109.924301			2
3.18	3.21	3.22	16890.82	120.725923			2
3.23	3.24	3.27	8975.563	21.062272			3
Height Summation:			**39438.313**				
Amount Avg CF:			**76.839688**	Linear:			
Aroclor-1232					**6**	**206.59**	
3.23	3.24	3.27	8975.563	23.158573			1
+ 3.45	3.45	3.49	14828.01	91.621802			2
3.45	3.47	3.49	22043.03	136.203181			2
+ 3.45	3.49	3.49	19364.04	119.649787			2
+ 3.56	3.56	3.60	9583.123	49.417368			3
3.56	3.59	3.60	14852.79	76.591503			3
+ 3.74	3.75	3.78	11985.59	65.886379			4
+ 3.74	3.76	3.78	10632.04	58.445735			4
3.74	3.77	3.78	30829.06	169.471436			4
3.78	3.81	3.82	54822.41	241.494033			5
E 3.91	3.93	3.95	489537.4	4283.706889			6
Height Summation:			**621060.253**				
Amount Avg CF:			**821.770936**	Linear:			
Aroclor-1242					**6**	**201.46**	
3.23	3.24	3.27	8975.563	20.291317			1
+ 3.45	3.45	3.49	14828.01	33.345211			2
3.45	3.47	3.49	22043.03	49.570339			2
+ 3.56	3.56	3.60	9583.123	18.079536			3
3.56	3.59	3.60	14852.79	28.021299			3
+ 3.74	3.75	3.78	11985.59	20.521382			4
+ 3.74	3.76	3.78	10632.04	18.203873			4
3.74	3.77	3.78	30829.06	52.784629			4
3.78	3.81	3.82	54822.41	85.568567			5
3.91	3.93	3.95	489537.4	1353.749903			6
Height Summation:			**621060.253**				
Amount Avg CF:			**264.997676**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0096.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 74% (61-152) Conc.: 22.55874
%SSR(DCB) : 107% (48-164) Conc.: 28.83982

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**133.66**	
2.92	2.95	2.96	69295.63	205.038342			1
3.12	3.14	3.16	21321.97	49.606604			2
3.25	3.26	3.29	41579.82	97.869775			3
+ 3.40	3.41	3.44	15180.75	33.339538			4
+ 3.40	3.42	3.44	49138.74	107.917124			4
* 3.44	3.44	3.48	60226.14	140.824366			5
* 3.40	3.44	3.44	60226.14	132.266961			4
+ 3.44	3.46	3.48	13307.46	31.1163			5
+ 3.44	3.47	3.48	30035.61	70.231061			5
3.57	3.59	3.61	354805.2	1007.223957			6
+ 3.57	3.61	3.61	222207.3	630.803934			6
Height Summation:			**607454.9**				
Amount Avg CF:			**272.138334**	Linear:			
Aroclor-1221					**2**	**37.26**	
2.86	2.87	2.90	10277.09	89.003777			2
2.92	2.95	2.96	69295.63	152.671772			3
Height Summation:			**79572.72**				
Amount Avg CF:			**120.837775**	Linear:			
Aroclor-1232					**6**	**156.85**	
2.92	2.95	2.96	69295.63	167.593343			1
3.12	3.14	3.16	21321.97	98.253008			2
3.25	3.26	3.29	41579.82	198.098947			3
+ 3.40	3.41	3.44	15180.75	72.446771			4
+ 3.40	3.42	3.44	49138.74	234.503764			4
* 3.40	3.44	3.44	60226.14	287.415928			4
* 3.44	3.44	3.48	60226.14	282.238831			5
+ 3.44	3.46	3.48	13307.46	62.362986			5
+ 3.44	3.47	3.48	30035.61	140.756413			5
3.57	3.59	3.61	354805.2	2395.661413			6
+ 3.57	3.61	3.61	222207.3	1500.35415			6
Height Summation:			**607454.9**				
Amount Avg CF:			**571.543578**	Linear:			
Aroclor-1242					**6**	**136.37**	
2.92	2.95	2.96	69295.63	148.269655			1
3.12	3.14	3.16	21321.97	56.178228			2
3.25	3.26	3.29	41579.82	74.875147			3
+ 3.40	3.41	3.44	15180.75	22.960734			4
+ 3.40	3.42	3.44	49138.74	74.321857			4
* 3.44	3.44	3.48	60226.14	101.743229			5
* 3.40	3.44	3.44	60226.14	91.091439			4
+ 3.44	3.46	3.48	13307.46	22.481002			5
+ 3.44	3.47	3.48	30035.61	50.740757			5
3.57	3.59	3.61	354805.2	796.810411			6
+ 3.57	3.61	3.61	222207.3	499.026198			6
Height Summation:			**607454.9**				
Amount Avg CF:			**211.494685**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202652** ACF DF20 -111E ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.05 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0096.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**104.11**	
3.78	3.81	3.82	54822.41	240.105163			1
+ 3.84	3.84	3.88	1930.401	7.947594			2
3.84	3.86	3.88	41293.72	170.009091			2
3.91	3.93	3.95	489537.4	1210.426375			3
4.03	4.06	4.07	305009	667.887594			4
4.12	4.15	4.16	168728.5	426.744915			5
4.30	4.31	4.34	1103100	2611.953121			6
+ 4.30	4.33	4.34	224398.3	531.336996			6
Height Summation:			**2162491.03**				
Amount Avg CF:			**887.854377**	Linear:			
Aroclor-1254					**6**	**59.11**	
4.29	4.31	4.32	1103100	2422.346429			1
4.63	4.66	4.67	718670.4	1488.076751			2
4.69	4.72	4.73	2402742	2351.668314			3
4.91	4.93	4.95	1430617	2290.573535			4
5.11	5.13	5.15	1336171	3739.006517			5
5.23	5.25	5.27	3135427	6678.970304			6
Height Summation:			**10126727.4**				
Amount Avg CF:			**3161.773642**	Linear:			
Aroclor-1260					**6**	**20.33**	
4.82	4.85	4.86	2332776	3189.653022			1
5.02	5.05	5.06	2677908	3730.222867			2
5.23	5.25	5.27	3135427	4602.816942			3
5.45	5.48	5.49	1135788	2879.262852			4
5.69	5.71	5.73	2756990	2853.943835			5
5.89	5.91	5.93	1876484	2970.28828			6
Height Summation:			**13915373**				
Amount Avg CF:			**3371.0313**	Linear:			
Aroclor-1262					**6**	**34.27**	
5.29	5.32	5.33	917191.9	1567.184121			1
5.45	5.48	5.49	1135788	2183.046109			2
5.69	5.71	5.73	2756990	2415.04412			3
5.89	5.91	5.93	1876484	2408.301218			4
5.95	5.97	5.99	306865.3	782.720107			5
6.31	6.34	6.35	591866.6	1683.621241			6
Height Summation:			**7585185.8**				
Amount Avg CF:			**1839.986153**	Linear:			
Aroclor-1268					**6**	**96.29**	
5.89	5.91	5.93	1876484	1342.501868			1
5.95	5.97	5.99	306865.3	253.887172			2
6.08	6.10	6.12	23322.33	20.106766			3
+ 6.14	6.15	6.18	55149.1	181.090286			4
6.14	6.18	6.18	385823.1	1266.907632			4
6.31	6.34	6.35	591866.6	1655.836074			5
6.51	6.54	6.55	112233.9	47.705473			6
Height Summation:			**3296595.23**				
Amount Avg CF:			**764.490831**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0096.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**94.00**	
3.44	3.44	3.48	60226.14	307.473345			1
+ 3.44	3.46	3.48	13307.46	67.93876			1
+ 3.44	3.47	3.48	30035.61	153.341215			1
3.51	3.53	3.55	40208.46	149.743098			2
3.55	3.57	3.59	519341.8	1123.176933			3
3.67	3.69	3.71	350843.5	631.078875			4
+ 3.76	3.77	3.80	31779.43	82.668805			5
3.76	3.78	3.80	146306.3	380.591062			5
+ 3.90	3.90	3.94	93494.93	127.855636			6
3.90	3.92	3.94	1554939	2126.401015			6
Height Summation:			**2671865.2**				
Amount Avg CF:			**786.410721**	Linear:			
Aroclor-1254					**6**	**56.87**	
4.20	4.22	4.24	1008628	1739.264681			1
+ 4.26	4.26	4.30	255011.7	248.699692			2
4.26	4.28	4.30	2257677	2201.79535			2
4.35	4.38	4.39	2547463	5289.141538			3
4.42	4.44	4.46	1194232	1885.599926			4
4.64	4.67	4.68	838924.5	1881.450859			5
4.72	4.74	4.76	3694921	5230.04737			6
Height Summation:			**11541845.5**				
Amount Avg CF:			**3037.883287**	Linear:			
Aroclor-1260					**6**	**18.51**	
4.35	4.38	4.39	2547463	3401.615654			1
4.49	4.51	4.53	3106302	3615.836822			2
4.60	4.61	4.64	2036225	2931.308546			3
4.72	4.74	4.76	3694921	4407.857216			4
5.14	5.16	5.18	3030112	2799.764774			5
5.40	5.42	5.44	1834050	2861.63692			6
Height Summation:			**16249073**				
Amount Avg CF:			**3336.336655**	Linear:			
Aroclor-1262					**6**	**31.21**	
4.76	4.78	4.80	926010.5	1129.781841			1
4.95	4.97	4.99	1239159	1624.630245			2
5.14	5.16	5.18	3030112	2153.073856			3
5.36	5.38	5.40	490560.8	963.763311			4
5.40	5.42	5.44	1834050	2136.090955			5
5.78	5.80	5.82	555756.6	1512.391913			6
Height Summation:			**8075648.9**				
Amount Avg CF:			**1586.62202**	Linear:			
Aroclor-1268					**6**	**122.61**	
5.36	5.38	5.40	490560.8	336.381973			1
5.40	5.42	5.44	1834050	1311.66499			2
5.56	5.57	5.60	60790.14	52.001352			3
5.62	5.64	5.66	11524.63	40.497832			4
5.78	5.80	5.82	555756.6	1386.767043			5
5.98	6.00	6.02	105808.4	38.364246			6
Height Summation:			**3058490.57**				
Amount Avg CF:			**527.612906**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202652** ACF DF20 -111E ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.05 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0096.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 10:50:56
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0096.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1014.9253	197.0149		22.59	4	40	
Aroclor-1221			1014.9253	304.4776		** 44.52	3	40	
Aroclor-1232			1014.9253	244.7761	E	35.92	4	40	
Aroclor-1242			1014.9253	244.7761		22.46	4	40	
Aroclor-1248			1014.9253	197.0149		12.12	4	40	
Aroclor-1254			1014.9253	262.6865		4.00	4	40	
Aroclor-1260			1014.9253	232.8358		1.03	4	40	
Aroclor-1262			1014.9253	197.0149		14.79	4	40	
Aroclor-1268			1014.9253	197.0149		36.67	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:50:56 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0096.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.52		8886	7526
1.584		6349	13542
1.641		62462	62655
1.673		20704	22619
1.694		28355	42360
1.719		28263	33119
1.747		32328	29110
1.796		27882	38786
1.813		22228	18382
1.835		2510	948
1.875		14109	6851
1.896		27748	19151
1.919		19000	15227
1.946		7710	6447
1.986		24646	16513
2.005		30318	25581
2.053		26039	15858
2.07		46206	52264
2.093		27597	20552
2.116		40336	41949
2.141		31210	40819
2.159		26260	15028
2.176		45267	50514
2.197		30675	26026
2.216		36317	46606
2.243		20106	16648
2.269		26810	13847
2.291		18682	10556
2.326		16991	8066
2.346		44170	57634
2.381		47868	34425
2.411		16253	9657
2.448		55241	59196
2.46		53518	63993
2.498		25845	27645
2.517		34516	35085
2.549		31177	33326
2.583		18819	16771
2.607		15354	7012
2.626		5135	3768
2.638		16208	11856
2.676		19569	14363
2.696		28797	28532
2.72		13440	5931
2.737		14041	10076
2.76		7566	3422
2.775		18680	18418
2.805		35961	30360
2.828		22742	26985
2.857		15244	6476
2.874		27618	21053
2.903		12254	7506
2.961		27258	37720

RT A	Compound A	Height A	Area A
2.976		9452	3698
3	TCX	396016	273740
3.048		15193	12780
3.073		26750	29608
3.119		7971	9896
3.135		3192	1152
3.165		13572	7509
3.184		15380	12538
3.21		16891	8572
3.228		9193	4270
3.245		8976	6274
3.28		7551	4149
3.303		9872	6601
3.321		57234	32897
3.345		19651	16981
3.367		3341	1802
3.38		8910	3640
3.399		7773	3721
3.425		14220	12728
3.447		14828	9837
3.469		22043	12267
3.486		19364	12558
3.516		5011	5318
3.539		7397	4894
3.563		9583	8098
3.586		14853	9676
3.616		7074	6155
3.636		6297	3380
3.659		18413	10934
3.68		9054	5462
3.711		11584	9479
3.752		11986	6645
3.765		10632	5681
3.774		30829	15845
3.806		54822	56112
3.84		1930	1526
3.862		41294	47449
3.905		37677	28944
3.932		489537	355343
3.959		274890	195421
3.982		153594	93985
4.006		10948	7020
4.058		305009	219512
4.083		95032	63689
4.115		118797	83877
4.148		168729	165923
4.19		40208	38793
4.222		30676	33246
4.252		16765	11199
4.275		68136	53748
4.311		1103101	763880
4.329		224398	116249
4.355		451133	399882
4.424		419843	366119
4.467		1861701	1840825
4.502		724046	616606
4.542		67354	46634
4.565		121165	88753
4.607		618381	561149
4.658		718670	531362
4.675		104639	44537
4.689		125794	62902
4.72		2402742	2106555
4.768		646151	479297
4.783		56462	34384
4.805		348214	248482

RT A	Compound A	Height A	Area A
4.846		2332777	2098215
4.892		179159	159371
4.933		1430617	1350690
4.965		43995	28467
4.993		493047	478100
5.045		2677908	3426523
5.097		344530	308829
5.135		1336171	1363386
5.178		111961	77950
5.215		254530	331151
5.249		3135427	2699891
5.272		157368	77703
5.291		80308	40251
5.315		917192	811247
5.357		690202	651789
5.453		535304	425767
5.476		1135788	886350
5.532		694437	627738
5.571		465757	455457
5.611		62119	68438
5.651		509556	499634
5.683		61334	43953
5.709		2756991	2572177
5.801		1695	1178
5.869		3358	1969
5.913		1876484	1774708
5.943		154393	100841
5.967		306865	347662
6.079		51047	42338
6.104		23322	17033
6.133		2748	1435
6.154		55149	42247
6.182		385823	350864
6.245		17761	17698
6.308		13387	9001
6.337		591867	588035
6.381		40473	37010
6.482		1152	417
6.5		1982	896
6.538		112234	105549
6.586		1642	518
6.611		1560	777
6.653		5674	3872
6.686	DCB	208065	209520
6.723		6497	5563
6.851		1514	1032
6.959		1488	2882
7.053		1361	682
7.095		870	949
7.17		1428	406
7.206		1826	1329
7.321		1128	1349
7.376		1285	380
7.465		1572	1013
7.511		1579	571
7.577		1369	539
7.608		1304	326
7.659		1256	348
7.714		2507	782
7.738		1927	692
7.788		1020	313
7.827		2019	671
7.859		2157	660
8.028		1997	662
8.223		949	603
8.294		1443	634

RT A	Compound A	Height A	Area A
8.387		1917	926
8.424		1065	664
8.499		1284	322
8.54		1845	542

LANCASTER LABORATORIES

Sample Number: 9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:50:56 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0096.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		21076	24252
1.566		9230	7887
1.615		11420	10247
1.682		19528	34176
1.711		14967	14830
1.749		18408	25762
1.771		19148	25766
1.804		16738	16751
1.83		16287	16058
1.871		20174	60572
1.913		22099	26702
1.938		19390	14754
1.964		19031	19422
1.993		40251	41665
2.02		21459	19921
2.041		24593	28748
2.059		9654	4868
2.085		13836	11688
2.104		12855	8698
2.137		18344	20942
2.202		15152	15891
2.224		7875	4243
2.246		7862	4872
2.266		12576	6878
2.284		6621	8769
2.344		11998	18007
2.4		27817	17627
2.449		5781	3180
2.48		5516	3096
2.497		7484	4389
2.524		10880	6844
2.574		16514	18230
2.602		4930	4094
2.629		2503	1550
2.651	TCX	440533	272491
2.712		6529	2826
2.741		9036	9341
2.765		3666	2723
2.795		2648	1622
2.846		5977	3774
2.871		10277	9785
2.906		4613	2348
2.948		69296	55984
2.985		5937	4317
3.008		8262	4735
3.045		10476	16015
3.112		6001	6926
3.143		21322	10735
3.217		9043	10926
3.264		41580	33540
3.302		19062	13450
3.348		12542	6659
3.362		6882	3287
3.394		5040	3577

3.413	15181	6071
3.423	49139	21517
3.443	60226	29942
3.457	13307	5513
3.473	30036	15362
3.532	40208	31031
3.567	519342	321045
3.59	354805	198759
3.608	222207	117598
3.666	3521	1703
3.693	350844	218255
3.717	103565	56288
3.738	133987	95689
3.768	31779	15018
3.784	146306	93083
3.825	53753	41490
3.867	52340	39360
3.897	93495	53025
3.919	1554939	1019637
3.944	246209	142132
3.964	265080	149486
3.983	365625	231264
4.018	1780536	1243783
4.051	673497	429629
4.069	301183	162477
4.09	60962	34700
4.13	139428	107365
4.165	565745	417977
4.185	16457	7287
4.222	1008628	739182
4.263	255012	288588
4.283	2257677	2022918
4.322	425676	426116
4.375	2547463	2039260
4.413	187164	159582
4.445	1194232	824556
4.469	651573	455240
4.513	3106302	2455805
4.615	2036225	2122080
4.666	838925	699151
4.707	689885	607879
4.743	3694921	3072880
4.776	926011	635230
4.815	783099	609140
4.875	5310	2859
4.915	173851	117628
4.932	91854	54949
4.966	1239159	964216
4.99	603010	413380
5.041	804756	710362
5.076	430218	339831
5.106	286364	222775
5.138	289136	188300
5.16	3030113	2398382
5.202	66028	45635
5.233	96690	80433
5.273	6106	4046
5.351	25525	16082
5.375	490561	404766
5.419	1834050	2049481
5.574	60790	51288
5.62	60738	50765
5.644	11525	6496
5.666	62105	44527
5.692	267264	230955
5.739	4369	3587
5.773	13059	8493

5.8		555757	476097
5.831		34117	23580
5.999		105808	92257
6.159	DCB	230864	202142
6.195		7566	7161
6.238		1689	1939
6.362		4768	5335
6.695		2073	1533
7.005		1052	6524
7.077		1132	1395
7.57		1168	1749
8.198		2219	4632
8.297		8545	15444

9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082

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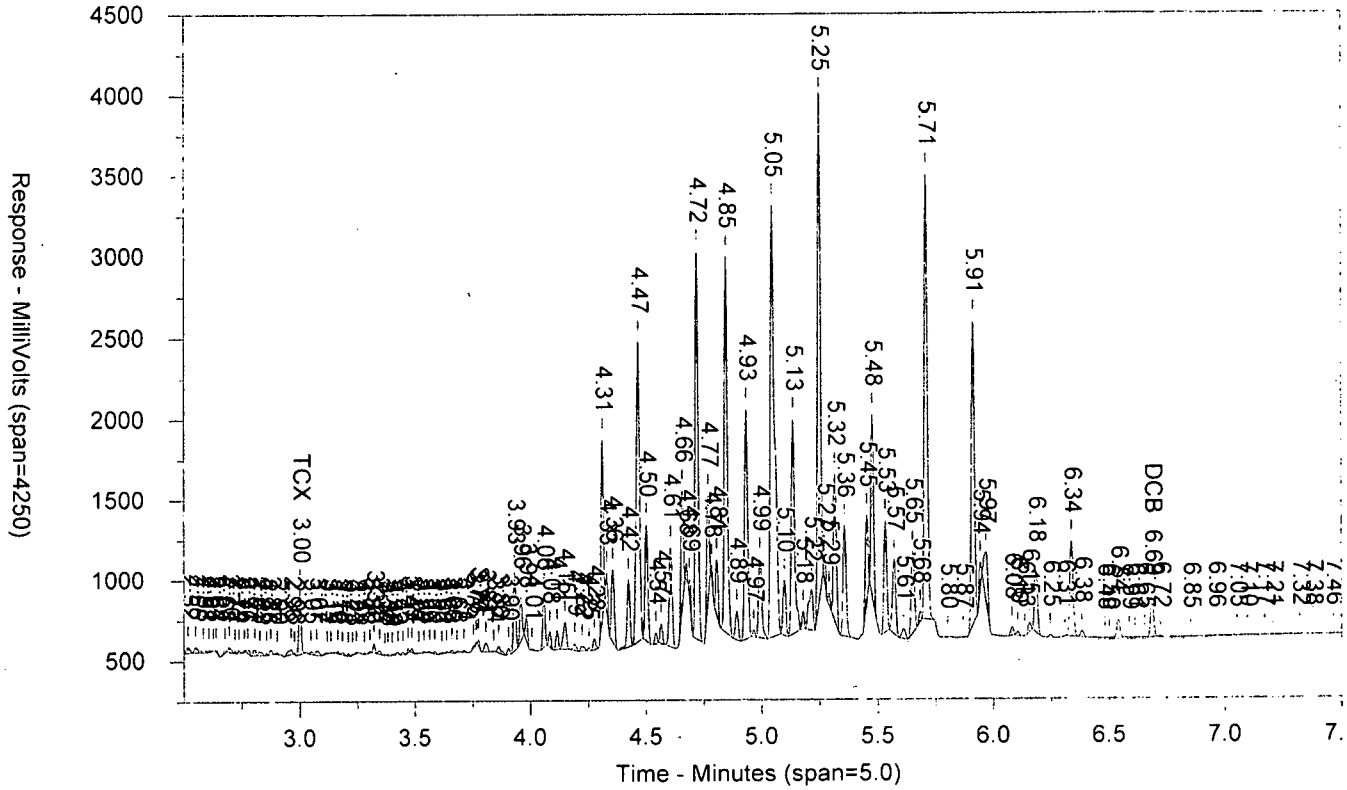

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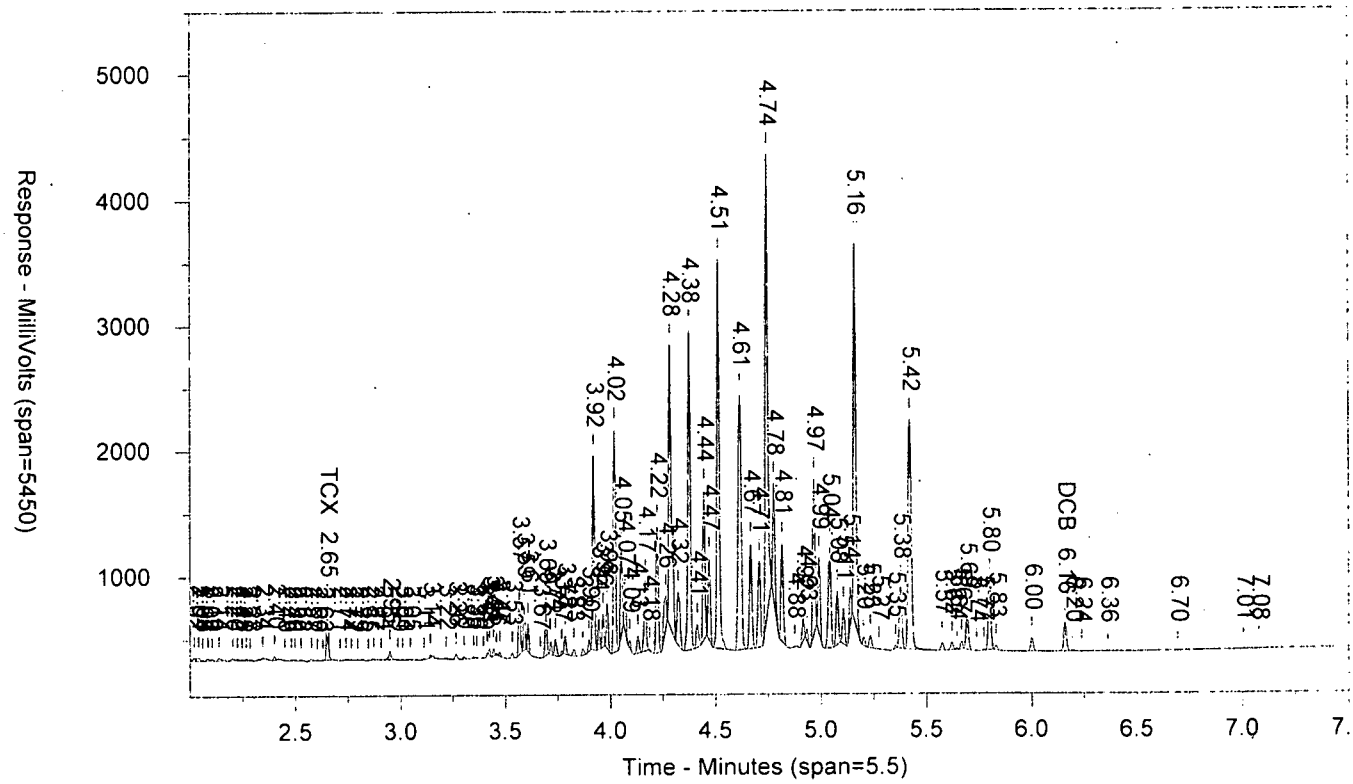

LANCASTER LABORATORIES

Sample Number: 9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 10:50:56 AM
Sample Weight: 10.05
Instrument ID: CP7-19843A
Dilution Factor: 200
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	396016	20.821	TCX	2.651	440533	22.559	TCX
6.686	208065	30.676	DCB	6.159	230864	28.84	DCB

Files:
Area File: 07pcbs17250008.0096.RAW
Area File: 07pcbs17250008B.0096.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:22:37 AM
File Reported On: 9/18/2017 at 11:23:14 AM

9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082

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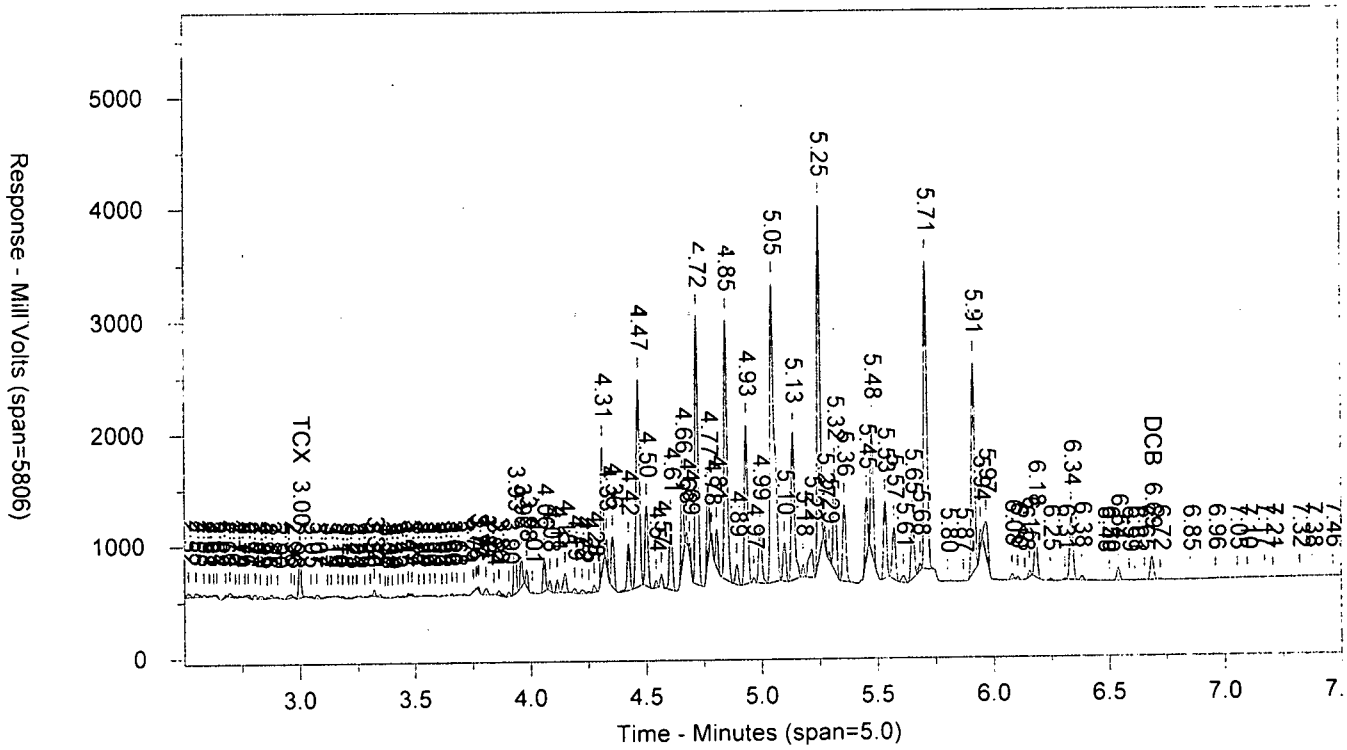

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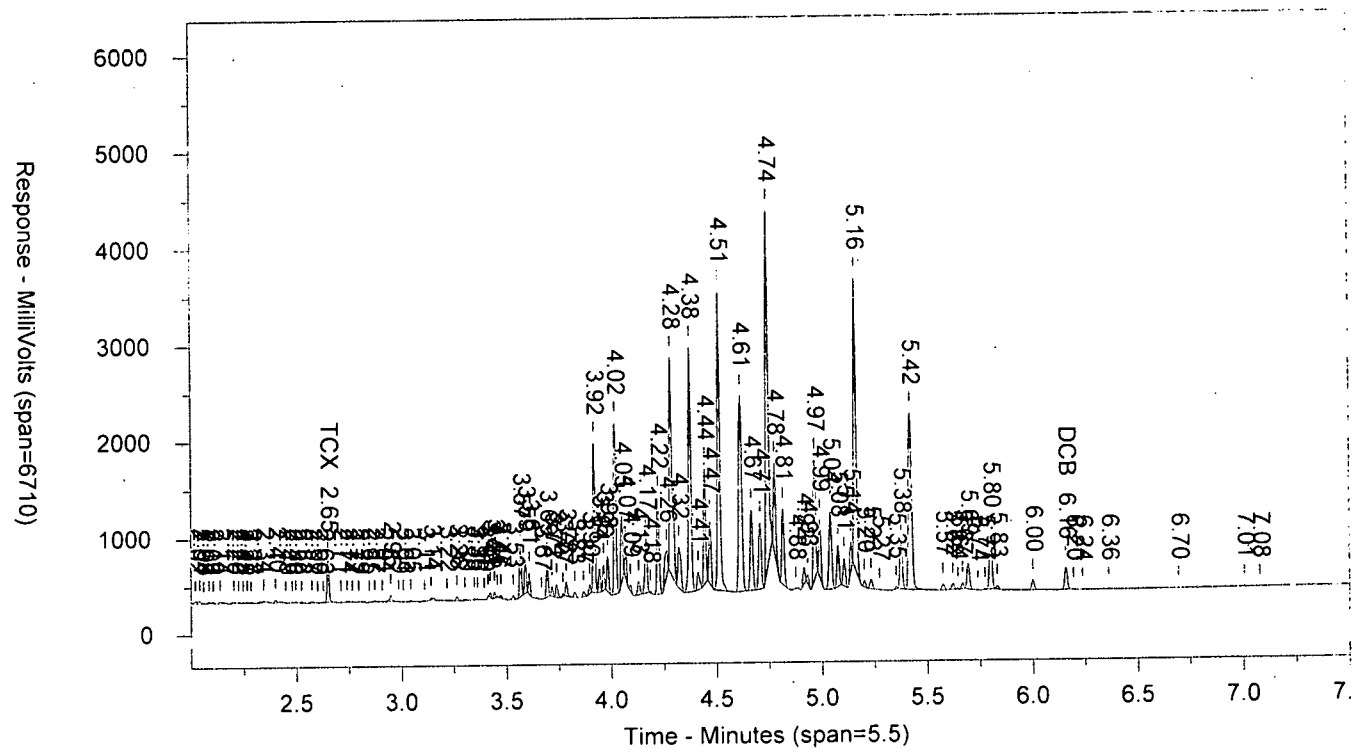

9202652 ACF DF20 AC-111E T 172560012A 10225 SW-846 8082

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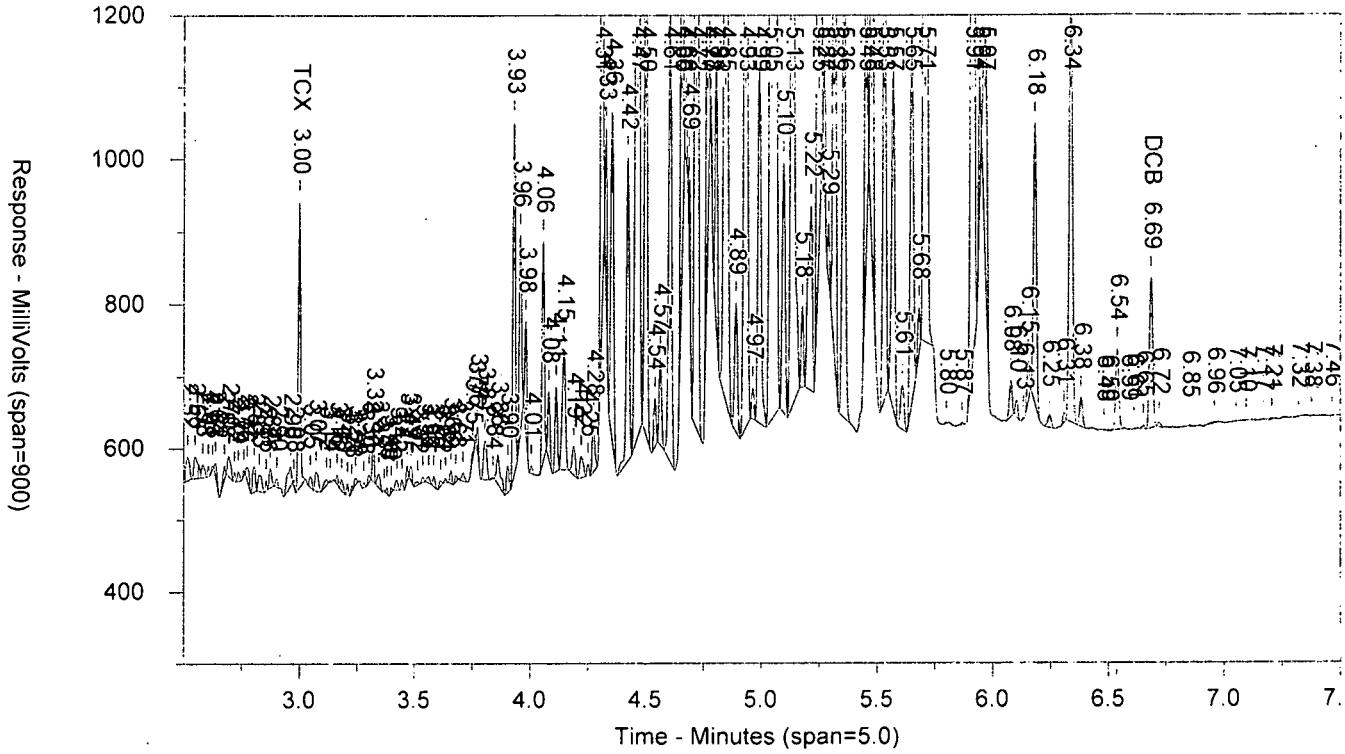

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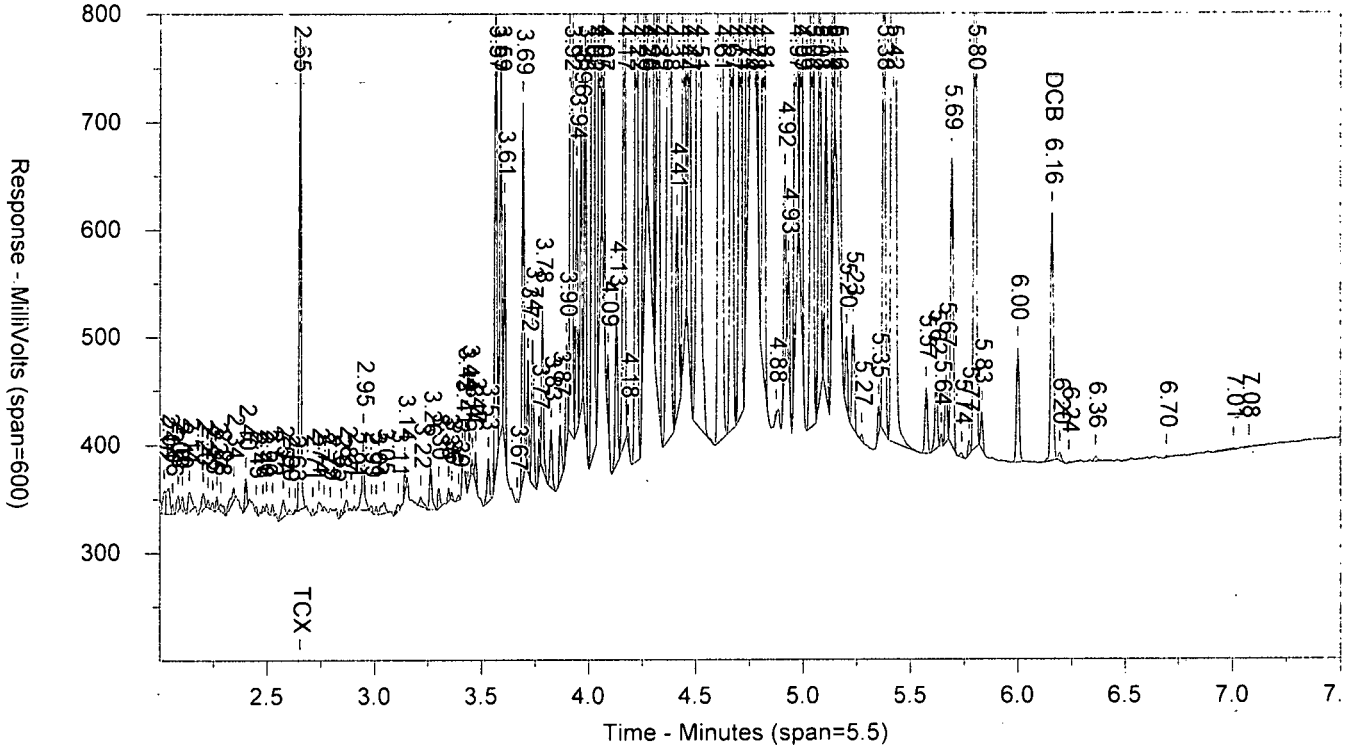

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Data Summary

Sample Name: 9202653 ACF DF10 -112W Sample ID: AC **Batchnumber: 172560012A**

Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE

Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:02:26
Instrument	19843A
Result file	07PCBS17250008.0097.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 95% (61 - 152) Conc: 28.26632

%SSR(DCB) 125% (48 - 164) Conc: 33.08272

Analysis Report (B)

Injected on	Sep 18, 2017 11:02:26
Instrument	19843B
Result file	07PCBS17250008B.0097.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 97% (61 - 152) Conc: 28.83346

%SSR(DCB) 114% (48 - 164) Conc: 30.06902

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1096636	28.26632
Decachlorobiphenyl	6.65	6.68	6.71	457710	33.08272

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1148546	28.83346
Decachlorobiphenyl	6.13	6.16	6.19	490987	30.06902

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	28.83346				1.99	
☑	Tetrachloro-m-xylene-D1	A	28.26632					
☑	Tetrachloro-m-xylene-D2	B	28.83346					
☐	Decachlorobiphenyl	A	33.08272				9.54	
☑	Decachlorobiphenyl-D1	A	33.08272					
☑	Decachlorobiphenyl-D2	B	30.06902					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**70.27**	
4.29	4.31	4.32	539261.1	580.540687			1
4.63	4.66	4.67	470376.3	477.477824			2
4.69	4.72	4.73	3347734	1606.320018			3
Height summation:			**4357371.4**				
Concentration		CF:	**888.112843**	L:			
Aroclor-1260						**11.90**	
5.45	5.47	5.49	488959.8	607.672235			4
5.69	5.71	5.73	1267873	643.425377			5
5.89	5.91	5.93	979657.9	760.221909			6
Height summation:			**2736490.7**				
Concentration		CF:	**670.43984**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**41.72**	
4.20	4.22	4.24	711517.4	601.495501			1
4.26	4.28	4.30	3153677	1507.802826			2
4.42	4.44	4.46	1647244	1275.061062			4
Height summation:			**5512438.4**				
Concentration		CF:	**1128.119796**	L:			
Aroclor-1260						**31.72**	
4.60	4.61	4.64	1571549	1109.113257			3
5.14	5.16	5.18	1324530	599.980124			5
5.40	5.42	5.44	989454.6	756.852817			6
Height summation:			**3885533.6**				
Concentration		CF:	**821.982066**	L:			

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:52

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Data Summary

Sample Name: 9202653 ACF DF10 -112W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:02:26
Instrument	19843A
Result file	07PCBS17250008.0097.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 11:02:26
Instrument	19843B
Result file	07PCBS17250008B.0097.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑ PCB-1016			<497.561	<96.5854	D1		4	
☑ PCB-1221			<497.561	<149.2683	D1		3	
☑ PCB-1232			<497.561	<120	D1		4	
☑ PCB-1242			<497.561	<120	D1		4	
☑ PCB-1248			<497.561	<96.5854	D1		4	
☑ PCB-1254	B	1128.119796	497.561	128.7805	D2	23.81	4	
☑ PCB-1260	B	821.982066	497.561	114.1463	D2	20.31	4	

Units: ug/kg

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

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:52

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202653** ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0097.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 95% (61-152) Conc.: 28.26632
%SSR(DCB) : 125% (48-164) Conc.: 33.08272

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**185.87**	
3.23	3.25	3.27	6368.996	9.451465			1
3.45	3.48	3.49	6475.468	9.00002			2
3.56	3.59	3.60	3149.193	3.829926			3
3.74	3.76	3.78	5380.391	6.683463			4
3.78	3.80	3.82	36721.61	38.867622			5
3.91	3.93	3.95	152468.4	263.089157			6
Height Summation:			**210564.058**				
Amount Avg CF:			**55.218276**	Linear:			
Aroclor-1221					**2**	**70.21**	
3.18	3.20	3.22	6214.754	21.776393			2
3.23	3.25	3.27	6368.996	7.327008			3
Height Summation:			**12583.75**				
Amount Avg CF:			**14.551701**	Linear:			
Aroclor-1232					**6**	**195.96**	
3.23	3.25	3.27	6368.996	8.056256			1
3.45	3.48	3.49	6475.468	19.615497			2
3.56	3.59	3.60	3149.193	7.961301			3
3.74	3.74	3.78	7160.206	19.296296			4
+ 3.74	3.76	3.78	5380.391	14.499808			4
3.78	3.80	3.82	36721.61	79.301645			5
3.91	3.93	3.95	152468.4	654.072535			6
Height Summation:			**212343.873**				
Amount Avg CF:			**131.383922**	Linear:			
Aroclor-1242					**6**	**187.76**	
3.23	3.25	3.27	6368.996	7.058813			1
3.45	3.48	3.49	6475.468	7.138944			2
3.56	3.59	3.60	3149.193	2.912673			3
3.74	3.74	3.78	7160.206	6.010144			4
+ 3.74	3.76	3.78	5380.391	4.516201			4
3.78	3.80	3.82	36721.61	28.098947			5
3.91	3.93	3.95	152468.4	206.701965			6
Height Summation:			**212343.873**				
Amount Avg CF:			**42.986914**	Linear:			
Aroclor-1248					**6**	**124.76**	
3.78	3.80	3.82	36721.61	78.845569			1
3.84	3.86	3.88	13582.6	27.414684			2
+ 3.84	3.88	3.88	1732.925	3.49768			2
3.91	3.93	3.95	152468.4	184.818119			3
+ 4.03	4.04	4.07	1132.454	1.215692			4
4.03	4.06	4.07	47903.76	51.42479			4
4.12	4.15	4.16	91927.31	113.982102			5
4.30	4.31	4.34	539261.1	625.981916			6
+ 4.30	4.33	4.34	119043.7	138.187612			6
Height Summation:			**881864.78**				
Amount Avg CF:			**180.411197**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0097.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 97% (61-152) Conc.: 28.83346
%SSR(DCB) : 114% (48-164) Conc.: 30.06902

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**139.86**	
3.12	3.16	3.16	7515.307	8.571781			2
3.25	3.27	3.29	8094.384	9.340325			3
3.40	3.41	3.44	3616.17	3.893385			4
+* 3.44	3.44	3.48	3445.309	3.949418			5
+* 3.40	3.44	3.44	3445.309	3.709426			4
3.44	3.46	3.48	27772.76	31.836405			5
3.57	3.59	3.61	84779.4	117.988209			6
+ 3.57	3.61	3.61	13300.77	18.510794			6
Height Summation:			**131778.021**				
Amount Avg CF:			**34.326021**	Linear:			
Aroclor-1221					**2**	**45.42**	
2.80	2.82	2.84	9555.464	25.447838			1
2.86	2.87	2.90	11665.77	49.529494			2
Height Summation:			**21221.234**				
Amount Avg CF:			**37.488666**	Linear:			
Aroclor-1232					**5**	**148.47**	
3.12	3.16	3.16	7515.307	16.977645			2
3.25	3.27	3.29	8094.384	18.905822			3
3.40	3.41	3.44	3616.17	8.460321			4
+* 3.40	3.44	3.44	3445.309	8.060578			4
+* 3.44	3.44	3.48	3445.309	7.915386			5
3.44	3.46	3.48	27772.76	63.806214			5
3.57	3.59	3.61	84779.4	280.632523			6
+ 3.57	3.61	3.61	13300.77	44.027543			6
Height Summation:			**131778.021**				
Amount Avg CF:			**77.756505**	Linear:			
Aroclor-1242					**5**	**138.93**	
3.12	3.16	3.16	7515.307	9.707327			2
3.25	3.27	3.29	8094.384	7.145804			3
3.40	3.41	3.44	3616.17	2.68135			4
+* 3.44	3.44	3.48	3445.309	2.853388			5
+* 3.40	3.44	3.44	3445.309	2.554659			4
3.44	3.46	3.48	27772.76	23.001265			5
3.57	3.59	3.61	84779.4	93.33995			6
+ 3.57	3.61	3.61	13300.77	14.643807			6
Height Summation:			**131778.021**				
Amount Avg CF:			**27.175139**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202653** ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0097.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	58.81	
4.29	4.31	4.32	539261.1	580.540687			1
4.63	4.66	4.67	470376.3	477.477824			2
+ 4.63	4.67	4.67	66276.26	67.276868			2
4.69	4.72	4.73	3317731	1606.320018			3
4.91	4.93	4.95	1860169	1460.109613			4
5.11	5.13	5.15	1305202	1790.540348			5
5.23	5.25	5.27	2672914	2791.322428			6
Height Summation:			**10195656.4**				
Amount Avg CF:			**1451.05182**	Linear:			
Aroclor-1260					6	50.68	
4.82	4.84	4.86	1655361	1109.622676			1
5.02	5.04	5.06	1213455	828.657382			2
+ 5.02	5.06	5.06	195515.6	133.515825			2
5.23	5.25	5.27	2672914	1923.641756			3
5.45	5.47	5.49	488959.8	607.672235			4
5.69	5.71	5.73	1267873	643.425377			5
5.89	5.91	5.93	979657.9	760.221909			6
Height Summation:			**8278220.7**				
Amount Avg CF:			**978.873556**	Linear:			
Aroclor-1262					6	38.55	
5.29	5.31	5.33	414803	347.467269			1
5.45	5.47	5.49	488959.8	460.73477			2
5.69	5.71	5.73	1267873	544.474861			3
5.89	5.91	5.93	979657.9	616.385744			4
5.95	5.97	5.99	129468.8	161.895968			5
6.31	6.33	6.35	268930.7	375.036163			6
Height Summation:			**3549693.2**				
Amount Avg CF:			**417.665796**	Linear:			
Aroclor-1268					6	97.20	
5.89	5.91	5.93	979657.9	343.602788			1
5.95	5.97	5.99	129468.8	52.51342			2
6.08	6.10	6.12	15914.31	6.726208			3
+ 6.14	6.15	6.18	31023.76	49.941704			4
6.14	6.18	6.18	249375.2	401.441427			4
6.31	6.33	6.35	268930.7	368.84686			5
6.51	6.54	6.55	56419.14	11.756629			6
Height Summation:			**1699766.05**				
Amount Avg CF:			**197.481222**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0097.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	122.95	
+ 3.44	3.44	3.48	3445.309	8.623088			1
3.44	3.46	3.48	27772.76	69.511024			1
3.51	3.53	3.55	16159.83	29.503828			2
3.55	3.57	3.60	170431.9	183.880671			3
3.67	3.69	3.71	59256.67	52.254013			4
+ 3.76	3.77	3.80	36098.44	46.035853			5
3.76	3.78	3.80	69896.32	89.137832			5
3.90	3.92	3.94	839565.5	562.857684			6
Height Summation:			**1186082.98**				
Amount Avg CF:			**164.524175**	Linear:			
Aroclor-1254					6	41.14	
4.20	4.22	4.24	711517.4	601.495501			1
4.26	4.28	4.30	3153677	1507.802826			2
4.35	4.37	4.39	1926491	1960.904708			3
4.42	4.44	4.46	1647244	1275.061062			4
4.64	4.66	4.68	1207218	1327.296365			5
4.72	4.74	4.76	3485681	2418.801922			6
Height Summation:			**12131828.4**				
Amount Avg CF:			**1515.227064**	Linear:			
Aroclor-1260					6	43.50	
4.35	4.37	4.39	1926491	1261.120373			1
4.49	4.51	4.53	2032406	1159.812582			2
4.60	4.61	4.64	1571549	1109.113257			3
4.72	4.74	4.76	3485681	2038.553908			4
5.14	5.16	5.18	1324530	599.980124			5
5.40	5.42	5.44	989454.6	756.852817			6
Height Summation:			**11330111.6**				
Amount Avg CF:			**1154.238844**	Linear:			
Aroclor-1262					6	41.34	
4.76	4.77	4.80	312228	186.75091			1
4.95	4.97	4.99	582528.9	374.418393			2
5.14	5.16	5.18	1324530	461.396447			3
5.36	5.37	5.40	216356.4	208.381661			4
5.40	5.42	5.44	989454.6	564.958624			5
5.78	5.80	5.82	242236.6	323.170478			6
Height Summation:			**3667334.5**				
Amount Avg CF:			**353.179419**	Linear:			
Aroclor-1268					6	119.50	
5.36	5.37	5.40	216356.4	72.731379			1
5.40	5.42	5.44	989454.6	346.912404			2
5.56	5.57	5.60	64907.01	27.219823			3
5.62	5.64	5.66	7739.423	13.332929			4
5.78	5.80	5.82	242236.6	296.326742			5
5.98	6.00	6.02	56301.07	10.007725			6
Height Summation:			**1576995.103**				
Amount Avg CF:			**127.755167**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202653** ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.25 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0097.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:02:26
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0097.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			497.561	96.5854		** 46.66	4	40	
Aroclor-1221			497.561	149.2683		** 88.15	3	40	
Aroclor-1232			497.561	120		** 51.28	4	40	
Aroclor-1242			497.561	120		** 45.07	4	40	
Aroclor-1248			497.561	96.5854		9.21	4	40	
Aroclor-1254			497.561	128.7805		4.33	4	40	
Aroclor-1260			497.561	114.1463		16.44	4	40	
Aroclor-1262			497.561	96.5854		16.73	4	40	
Aroclor-1268			497.561	96.5854		** 42.88	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:02:26 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0097.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.567		2195	865
1.639		10881	8893
1.702		4372	2562
1.748		11359	9527
1.796		10510	9721
1.943		3923	2293
1.967		2201	1143
2.05		1966	801
2.111		7459	10002
2.149		14800	20798
2.177		10093	9351
2.201		17456	11965
2.253		1779	608
2.269		10271	6024
2.391		10795	10968
2.434		8063	6611
2.551		9143	7569
2.666		3959	3040
2.72		7931	4341
2.757		4361	2478
2.803		5603	4156
2.999	TCX	1096636	732055
3.106		4115	2940
3.196		6215	4432
3.255		6369	7115
3.303		47042	29086
3.321		5597	2975
3.399		3020	2409
3.484		6475	9011
3.537		10600	19353
3.59		3149	2206
3.659		21882	14341
3.741		7160	5518
3.761		5380	6148
3.803		36722	31663
3.86		13583	10211
3.878		1733	514
3.899		1659	547
3.93		152468	112895
3.967		57279	67904
4.005		4117	2932
4.037		1132	337
4.056		47904	36502
4.112		44978	31648
4.146		91927	97456
4.189		8381	7618
4.221		5634	3041
4.234		5898	2434
4.251		3595	1514
4.272		37288	25938
4.309		539261	401148
4.327		119044	68557
4.354		228202	200672

RT A	Compound A	Height A	Area A
4.422		419369	349604
4.465		1285751	1251189
4.499		651385	556427
4.54		55588	39793
4.563		104554	77017
4.605		473543	432711
4.655		470376	345830
4.672		66276	26894
4.687		215718	139358
4.718		3347734	2851177
4.766		343088	245654
4.781		101472	49280
4.802		248176	168348
4.844		1655361	1624466
4.891		226975	201857
4.931		1860169	1753064
4.963		37316	23824
4.991		414204	396682
5.044		1213455	910307
5.058		195516	117934
5.095		145111	123659
5.131		1305202	1321281
5.176		189910	140167
5.201		66833	45828
5.213		91428	53238
5.247		2672914	2280599
5.269		142324	73088
5.287		89945	50833
5.313		414803	349760
5.355		312030	327026
5.452		631395	509221
5.474		488960	353132
5.505		11214	5203
5.531		327311	284308
5.568		233429	205974
5.591		18617	34365
5.649		446893	410499
5.681		104118	90024
5.708		1267873	1177887
5.795		20936	17683
5.828		9344	6227
5.848		5505	3420
5.869		11144	8228
5.912		979658	911076
5.943		93617	65014
5.966		129469	118090
6.077		57724	50421
6.1		15914	12130
6.13		7115	4489
6.153		31024	23989
6.18		249375	226454
6.245		21550	19737
6.306		24483	18570
6.335		268931	260110
6.379		17678	16189
6.536		56419	53782
6.653		4558	3108
6.683	DCB	457710	437012
6.719		8655	6664
6.776		1077	325
6.801		1327	452
6.849		1935	879
6.936		1443	992
7.02		1036	348
7.072		1524	729
7.106		1489	335

RT A	Compound A	Height A	Area A
7.184		1676	1103
7.363		1028	166
7.538		1412	462
7.582		2131	1174
7.604		2293	1664
7.634		1477	366
7.704		1841	497
7.914		1564	414
8.001		1101	764
8.05		1470	538
8.069		1394	683
8.154		1601	1068
8.202		1459	1132
8.268		1338	482
8.455		1363	630
8.562		1614	1052
8.655		1737	856
8.673		1962	865
8.692		1450	774

LANCASTER LABORATORIES

Sample Number: 9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:02:26 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0097.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.527		7994	7786
1.55		2581	961
1.59		6011	6150
1.656		3620	2726
1.76		2731	1629
1.832		4380	3165
1.864		5857	5075
1.91		22789	21579
1.959		11823	13212
1.993		12139	7754
2.034		10078	15111
2.07		4872	3756
2.132		3738	1967
2.15		5483	2296
2.169		5032	2928
2.269		13616	12211
2.345		7010	7059
2.366		4305	2180
2.4		10261	9830
2.463		5622	6436
2.555		2283	1256
2.602		1647	1268
2.652	TCX	1148546	711693
2.737		8514	11961
2.822		9555	6150
2.869		11666	8738
2.909		4287	3218
2.959		55292	41608
2.989		4869	5070
3.028		2173	3401
3.074		3139	2611
3.111		1707	1443
3.156		7515	12110
3.217		9678	9605
3.267		8094	10075
3.302		22994	19641
3.361		10077	9618
3.391		3399	2439
3.412		3616	1523
3.442		3445	1566
3.459		27773	25322
3.532		16160	12331
3.565		173432	103415
3.59		84779	49621
3.607		13301	5559
3.624		5649	3245
3.692		59257	40428
3.715		10891	5491
3.736		52232	33188
3.767		36098	19584
3.783		69896	41100
3.821		27073	20196
3.865		43779	34472
3.896		39593	22142

3.917		839566	556744
3.942		81208	45395
3.962		162260	87285
3.981		397719	252320
4.017		1336310	916455
4.049		642467	412638
4.067		137596	66328
4.089		60949	35769
4.128		118284	90792
4.163		419737	317403
4.183		12639	5739
4.22		711517	541033
4.254		347406	286150
4.281		3153677	2496021
4.319		354535	326240
4.373		1926491	1610585
4.411		229747	186737
4.443		1647244	1191754
4.467		546808	364034
4.51		2032406	1686983
4.562		11981	8151
4.612		1571549	1640719
4.664		1207218	968161
4.704		598644	533451
4.743		3485681	2979102
4.775		312228	253758
4.814		332790	273969
4.873		40351	44981
4.914		68772	40629
4.931		120077	75742
4.965		582529	430333
4.989		866654	630636
5.017		11286	5572
5.04		448681	366418
5.075		201732	164365
5.105		122424	86167
5.137		440316	285269
5.159		1324530	1057304
5.2		26985	17351
5.231		51720	44262
5.271		4964	3233
5.297		21685	15293
5.33		13396	10006
5.351		6518	3652
5.375		216356	183002
5.418		989455	1051438
5.517		2882	3654
5.573		64907	53828
5.602		4832	2548
5.619		26640	18413
5.643		7739	4202
5.665		90118	68416
5.691		125777	101431
5.734		5998	5717
5.772		22521	15300
5.799		242237	203424
5.83		12053	9108
5.999		56301	48720
6.158	DCB	490987	432108
6.193		11547	8901
6.363		3677	6320
6.602		3451	2582
6.639		2578	2693
6.889		1432	1640
7.072		2235	3120
7.626		2265	2862
7.689		1636	2181

8.196	3700	6758
8.294	8136	14774
8.514	4193	6859

9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082

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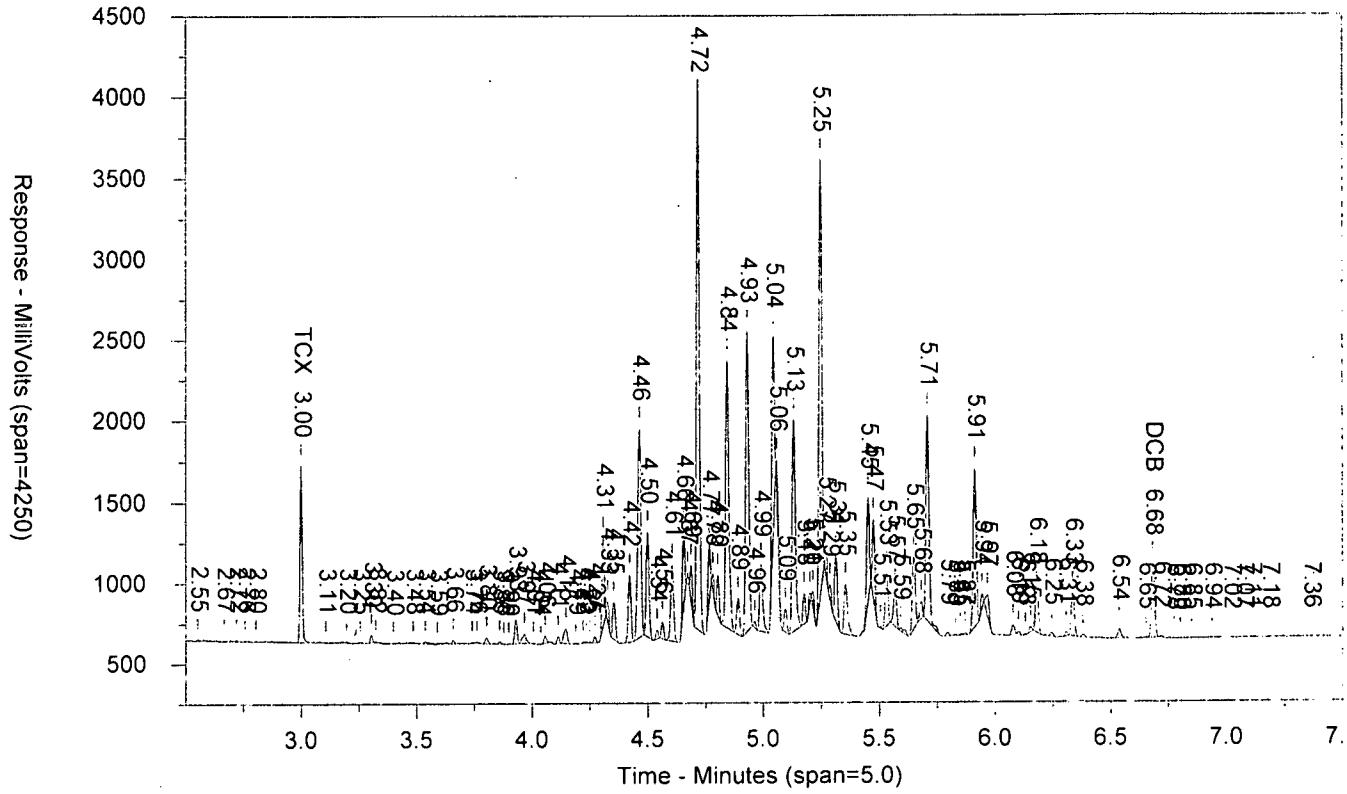

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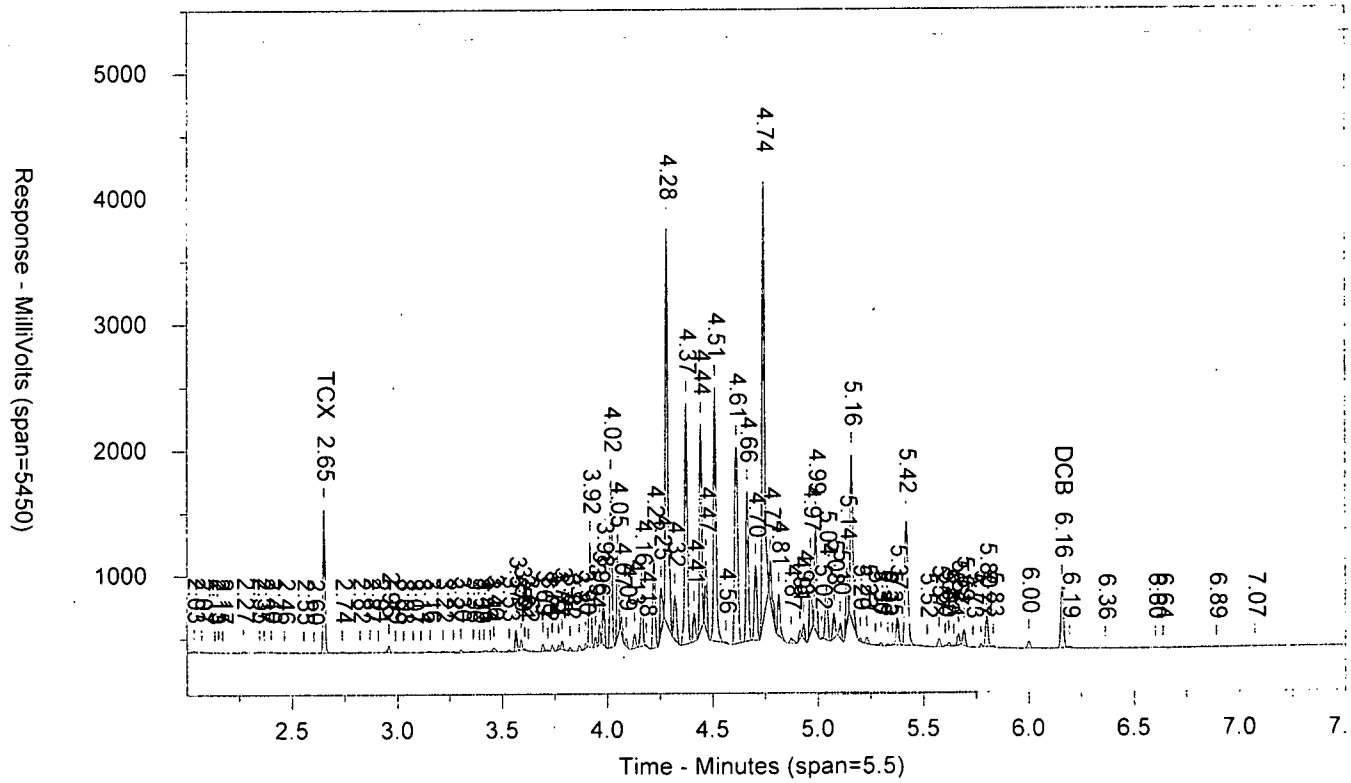

LANCASTER LABORATORIES

Sample Number: 9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:02:26 AM
Sample Weight: 10.25
Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	1096636	28.266	TCX	2.652	1148546	28.833	TCX
6.683	457710	33.083	DCB	6.158	490987	30.069	DCB

Files:
Area File: 07pcbs17250008.0097.RAW
Area File: 07pcbs17250008B.0097.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:22:37 AM
File Reported On: 9/18/2017 at 11:23:35 AM

9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082

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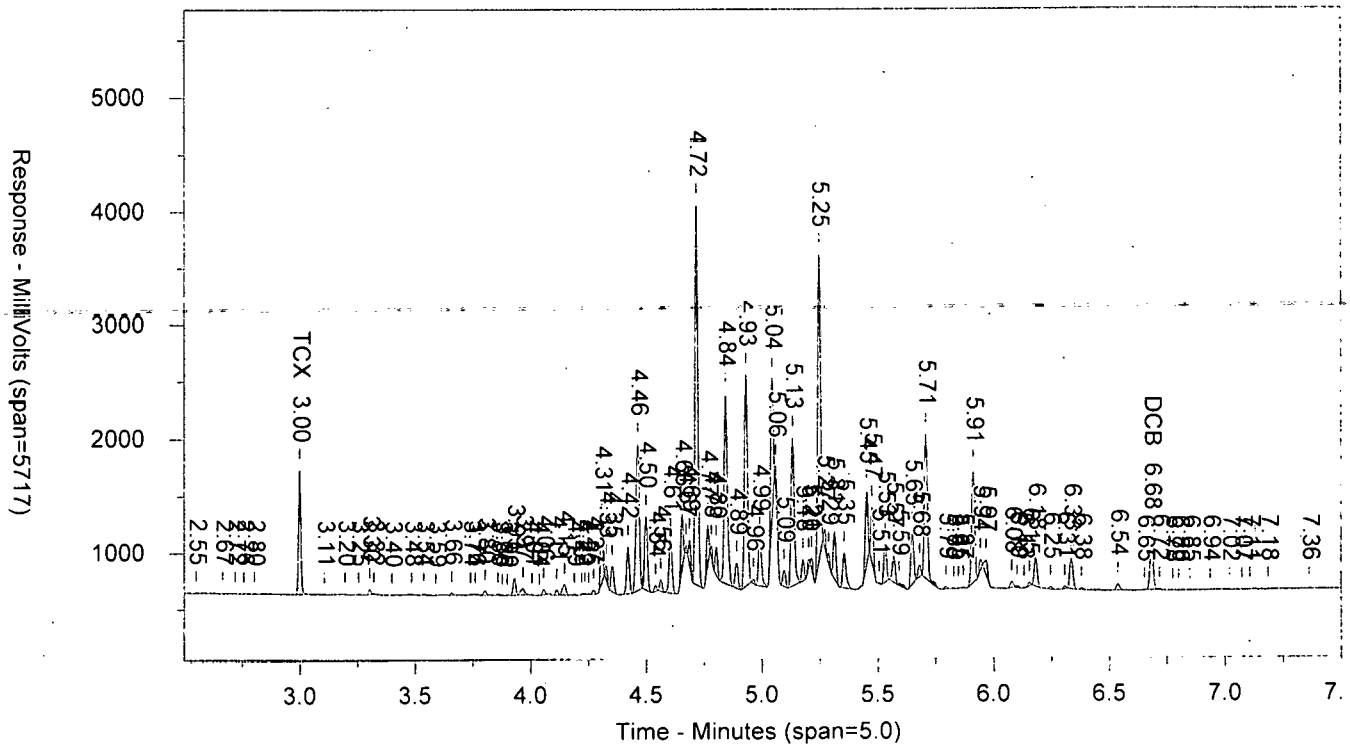

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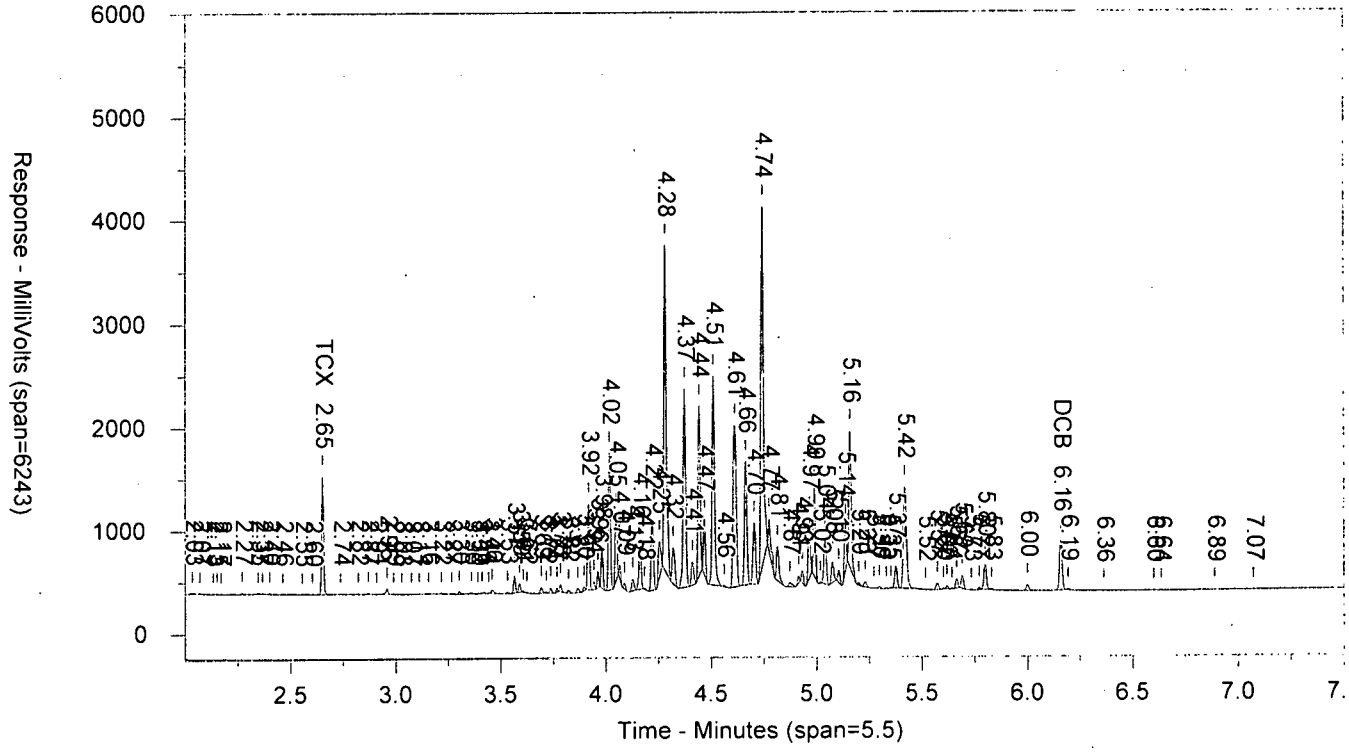

9202653 ACF DF10 AC-112W T 172560012A 10225 SW-846 8082

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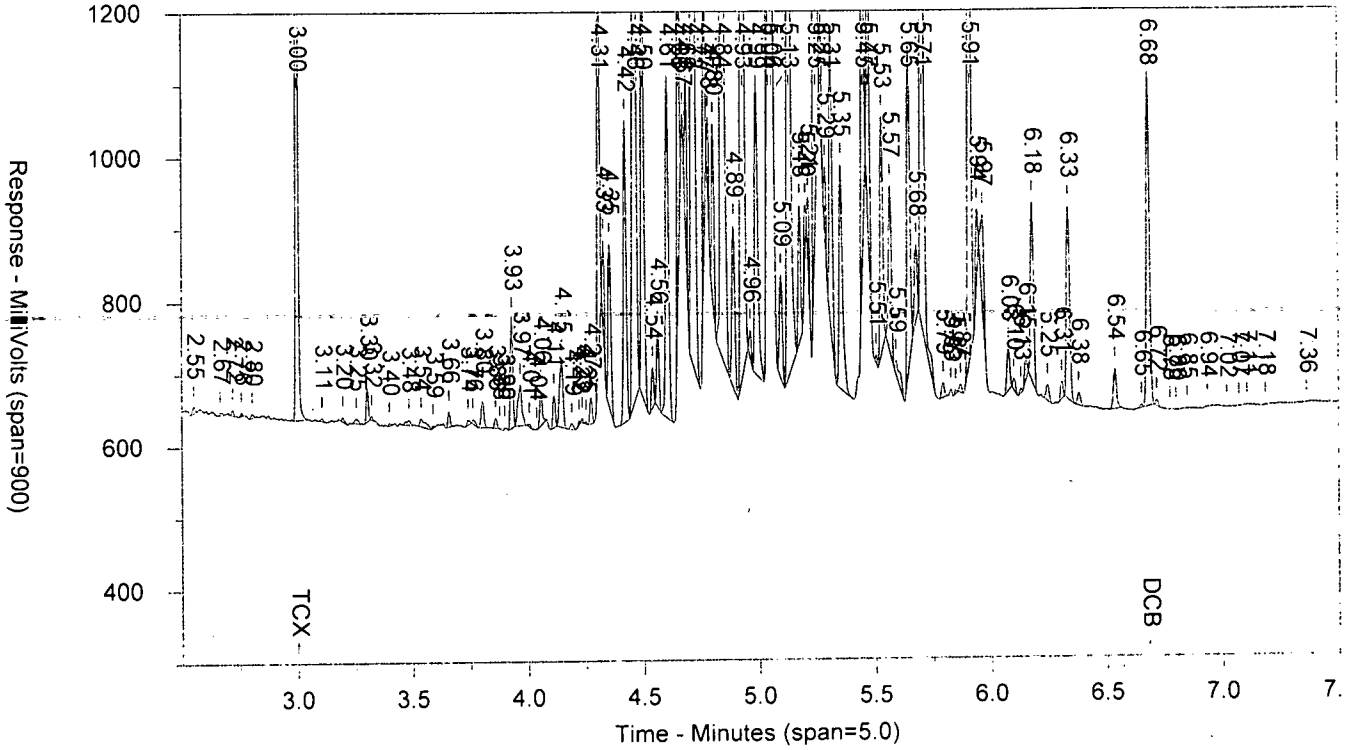

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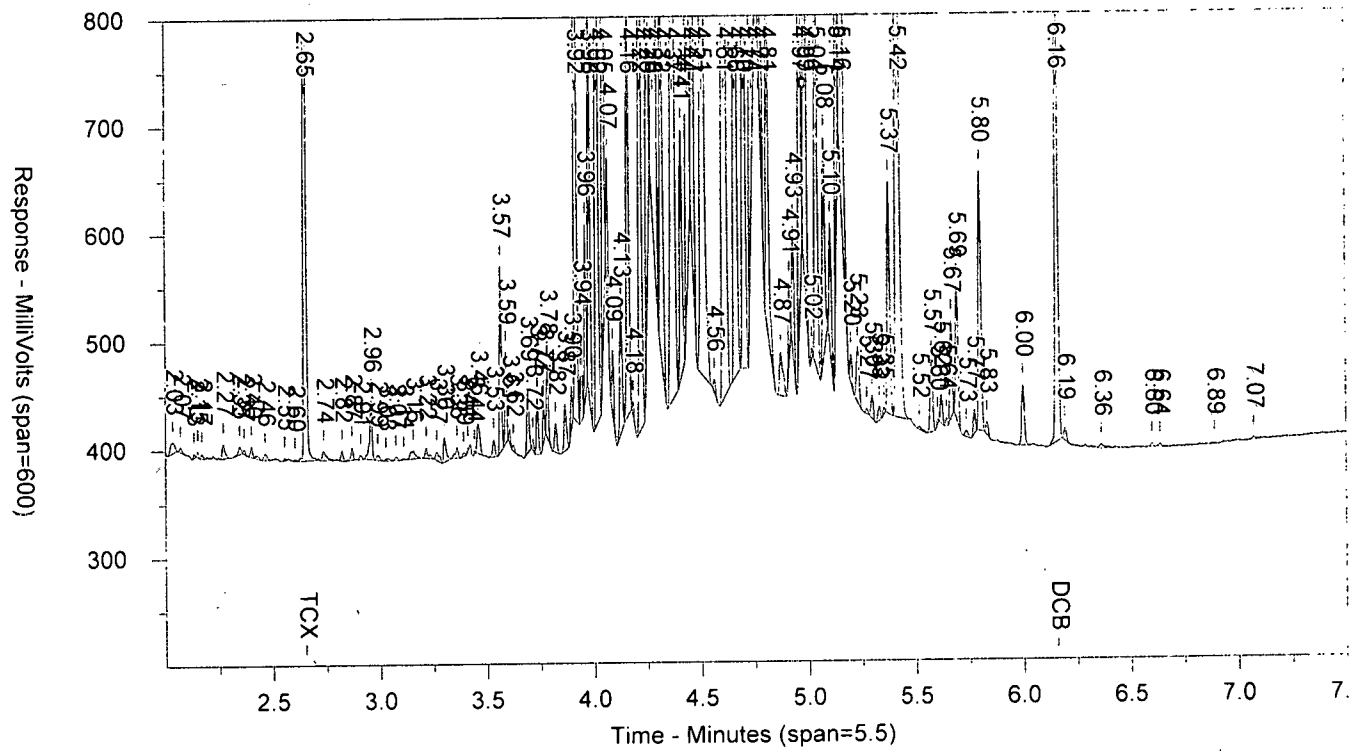

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Data Summary

Sample Name: 9202656 ACF DF50 DUP11 Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 500 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:36:46
Instrument	19843A
Result file	07PCBS17250008.0100.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 103% (61 - 152) Conc: 31.16956
%SSR(DCB) 135% (48 - 164) Conc: 36.41676

Analysis Report (B)

Injected on	Sep 18, 2017 11:36:46
Instrument	19843B
Result file	07PCBS17250008B.0100.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 108% (61 - 152) Conc: 32.56226
%SSR(DCB) 128% (48 - 164) Conc: 34.373

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	238079	31.16956	Tetrachloro-m-xylene	2.62	2.65	2.68	255366	32.56226
Decachlorobiphenyl	6.65	6.68	6.71	99195	36.41676	Decachlorobiphenyl	6.13	6.16	6.19	110501	34.373

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	32.56226				4.37	
☑	Tetrachloro-m-xylene-D1	A	31.16956					
☑	Tetrachloro-m-xylene-D2	B	32.56226					
☐	Decachlorobiphenyl	A	36.41676				5.77	
☑	Decachlorobiphenyl-D1	A	36.41676					
☑	Decachlorobiphenyl-D2	B	34.373					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**15.29**	
4.29	4.31	4.32	1085236	5934.176575			1
4.63	4.65	4.67	1155212	5956.239735			2
4.69	4.72	4.73	2925122	7128.986891			3
4.91	4.93	4.95	1739385	6934.76074			4
5.11	5.13	5.15	1066246	7429.618254			5
5.23	5.25	5.27	1665618	8834.930316			6

Height summation: **9636819**
Concentration CF: **7036.452085** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254						**11.94**	
4.20	4.22	4.24	1385507	5949.196121			1
4.26	4.28	4.30	2853263	6929.020568			2
4.35	4.37	4.39	1504138	7776.423276			3
4.42	4.44	4.46	1676256	6590.465607			4
4.64	4.66	4.68	1170461	6536.448648			5
4.72	4.74	4.76	2320992	8180.672615			6

Height summation: **10910617**
Concentration CF: **6993.704473** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2527.2548	<490.5848	D1		4	
☑	PCB-1221			<2527.2548	<758.1764	D1		3	
☑	PCB-1232			<2527.2548	<609.5144	D1		4	
☑	PCB-1242			<2527.2548	<609.5144	D1		4	
☑	PCB-1248			<2527.2548	<490.5848	D1		4	
☑	PCB-1254	A	7036.452085	2527.2548	654.113	D1	0.61	4	
☑	PCB-1260			<2527.2548	<579.782	D1		4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:57

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202656** ACF DF50 DUP11 ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0100.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (61-152) Conc.: 31.16956
%SSR(DCB) : 135% (48-164) Conc.: 36.41676

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**197.83**	
3.23	3.25	3.27	13691.8	103.202784			1
+ 3.45	3.47	3.49	4738.513	34.893749			2
3.45	3.48	3.49	6435.206	47.387959			2
3.56	3.58	3.60	12110.57	74.809785			3
3.74	3.76	3.78	32499.34	205.052455			4
3.78	3.80	3.82	39160.88	210.533596			5
3.91	3.93	3.95	380538.4	3335.21855			6
Height Summation:			**484436.196**				
Amount Avg CF:			**662.700855**	Linear:			
Aroclor-1221					**1**		
3.23	3.25	3.27	13691.8	80.005338			3
Height Summation:			**13691.8**				
Amount Avg CF:			**80.005338**	Linear:			
Aroclor-1232					**6**	**207.58**	
3.23	3.25	3.27	13691.8	87.968167			1
+ 3.45	3.47	3.49	4738.513	72.907623			2
3.45	3.48	3.49	6435.206	99.01325			2
3.56	3.58	3.60	12110.57	155.50775			3
3.74	3.76	3.78	32499.34	444.86237			4
3.78	3.80	3.82	39160.88	429.551883			5
3.91	3.93	3.95	380538.4	8291.770283			6
Height Summation:			**484436.196**				
Amount Avg CF:			**1584.778951**	Linear:			
Aroclor-1242					**6**	**201.19**	
3.23	3.25	3.27	13691.8	77.076853			1
+ 3.45	3.47	3.49	4738.513	26.534297			2
3.45	3.48	3.49	6435.206	36.035285			2
3.56	3.58	3.60	12110.57	56.893115			3
3.74	3.76	3.78	32499.34	138.559605			4
3.78	3.80	3.82	39160.88	152.203094			5
3.91	3.93	3.95	380538.4	2620.390123			6
Height Summation:			**484436.196**				
Amount Avg CF:			**513.526346**	Linear:			
Aroclor-1248					**6**	**116.89**	
3.78	3.80	3.82	39160.88	427.081464			1
3.84	3.86	3.88	31455.62	322.478891			2
3.91	3.93	3.95	380538.4	2342.965499			3
4.03	4.05	4.07	177132.1	965.834907			4
4.12	4.14	4.16	208470.2	1312.92161			5
4.30	4.31	4.34	1085236	6398.668184			6
+ 4.30	4.33	4.34	146332.1	862.789801			6
Height Summation:			**1921993.2**				
Amount Avg CF:			**1961.658426**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0100.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 108% (61-152) Conc.: 32.56226
%SSR(DCB) : 128% (48-164) Conc.: 34.373

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**153.00**	
+ 3.12	3.14	3.16	3909.524	22.6491			2
3.12	3.16	3.16	7588.123	43.960379			2
3.25	3.26	3.29	11160.95	65.415709			3
3.40	3.42	3.44	29702.03	162.430426			4
+* 3.40	3.44	3.44	10857.51	59.376075			4
+* 3.44	3.44	3.48	10857.51	63.217587			5
3.44	3.46	3.48	28109.72	163.668159			5
3.57	3.59	3.61	179386.8	1268.064831			6
+ 3.57	3.61	3.61	32753.49	231.530685			6
Height Summation:			**255947.623**				
Amount Avg CF:			**340.707901**	Linear:			
Aroclor-1221					**2**	**67.86**	
2.80	2.82	2.84	16634.68	225.017481			1
2.86	2.87	2.90	3667.887	79.098661			2
Height Summation:			**20302.567**				
Amount Avg CF:			**152.058071**	Linear:			
Aroclor-1232					**5**	**160.04**	
+ 3.12	3.14	3.16	3909.524	44.859798			2
3.12	3.16	3.16	7588.123	87.069849			2
3.25	3.26	3.29	11160.95	132.408428			3
3.40	3.42	3.44	29702.03	352.961096			4
+* 3.44	3.44	3.48	10857.51	126.700076			5
+* 3.40	3.44	3.44	10857.51	129.024132			4
3.44	3.46	3.48	28109.72	328.022141			5
3.57	3.59	3.61	179386.8	3016.066053			6
+ 3.57	3.61	3.61	32753.49	550.690961			6
Height Summation:			**255947.623**				
Amount Avg CF:			**783.305513**	Linear:			
Aroclor-1242					**5**	**154.91**	
+ 3.12	3.14	3.16	3909.524	25.649535			2
3.12	3.16	3.16	7588.123	49.784022			2
3.25	3.26	3.29	11160.95	50.046205			3
3.40	3.42	3.44	29702.03	111.864831			4
+* 3.40	3.44	3.44	10857.51	40.891937			4
+* 3.44	3.44	3.48	10857.51	45.67364			5
3.44	3.46	3.48	28109.72	118.247484			5
3.57	3.59	3.61	179386.8	1003.160471			6
+ 3.57	3.61	3.61	32753.49	183.1629			6
Height Summation:			**255947.623**				
Amount Avg CF:			**266.620603**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202656** ACF DF50 DUP11 ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0100.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	15.29	
4.29	4.31	4.32	1085236	5934.176575			1
4.63	4.65	4.67	1155212	5956.239735			2
4.69	4.72	4.73	2925122	7128.986891			3
4.91	4.93	4.95	1739385	6934.76074			4
5.11	5.13	5.15	1066246	7429.618254			5
5.23	5.25	5.27	1665618	8834.930316			6
Height Summation:			**9636819**				
Amount Avg CF:			**7036.452085**	Linear:			
Aroclor-1260					6	65.15	
+ 4.82	4.82	4.86	2994.898	10.196881			1
4.82	4.84	4.86	1148420	3910.083708			1
5.02	5.04	5.06	738894.1	2562.926965			2
+ 5.02	5.06	5.06	185353.4	642.916525			2
5.23	5.25	5.27	1665618	6088.598254			3
5.45	5.47	5.49	217890.8	1375.42792			4
5.69	5.71	5.73	540533.1	1393.308957			5
5.89	5.91	5.93	444141.4	1750.611984			6
Height Summation:			**4755497.4**				
Amount Avg CF:			**2846.826298**	Linear:			
Aroclor-1262					6	51.54	
5.29	5.31	5.33	163541.2	695.827993			1
5.45	5.47	5.49	217890.8	1042.844201			2
5.69	5.71	5.73	540533.1	1179.036028			3
5.89	5.91	5.93	444141.4	1419.391176			4
5.95	5.96	5.99	26814.75	170.31283			5
6.31	6.33	6.35	94180.16	667.106069			6
Height Summation:			**1487101.41**				
Amount Avg CF:			**862.419716**	Linear:			
Aroclor-1268					5	88.74	
5.89	5.91	5.93	444141.4	791.236284			1
5.95	5.96	5.99	26814.75	55.243557			2
+ 6.14	6.15	6.18	12824.39	104.859636			4
6.14	6.18	6.18	126352.1	1033.127911			4
6.31	6.33	6.35	94180.16	656.096673			5
6.51	6.53	6.55	17793.98	18.833549			6
Height Summation:			**709282.39**				
Amount Avg CF:			**510.907595**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0100.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	109.68	
+ 3.44	3.44	3.48	10857.51	138.028124			1
3.44	3.46	3.48	28109.72	357.350066			1
3.51	3.53	3.55	33628.97	311.858685			2
3.55	3.56	3.50	414491.8	2232.162172			3
3.67	3.69	3.71	209590.7	938.765499			4
+ 3.76	3.77	3.80	36185.49	234.393152			5
3.76	3.78	3.80	181897.4	1178.248655			5
3.90	3.92	3.94	1553748	5290.872565			6
Height Summation:			**2421466.59**				
Amount Avg CF:			**1718.209607**	Linear:			
Aroclor-1254					6	11.94	
4.20	4.22	4.24	1385507	5949.196121			1
4.26	4.28	4.30	2853263	6929.020568			2
4.35	4.37	4.39	1504138	7776.423276			3
4.42	4.44	4.46	1676256	6590.465607			4
4.64	4.66	4.68	1170461	6536.448648			5
4.72	4.74	4.76	2320992	8180.672615			6
Height Summation:			**10910617**				
Amount Avg CF:			**6993.704472**	Linear:			
Aroclor-1260					6	55.60	
4.35	4.37	4.39	1504138	5001.265888			1
4.49	4.51	4.53	1393649	4039.554377			2
4.60	4.61	4.64	1135592	4070.736558			3
4.72	4.74	4.76	2320992	6894.629105			4
5.14	5.16	5.18	529877	1219.137911			5
5.40	5.42	5.44	423241.7	1644.397142			6
Height Summation:			**7307489.7**				
Amount Avg CF:			**3811.620163**	Linear:			
Aroclor-1262					6	48.16	
+ 4.76	4.77	4.80	72154.01	219.206817			1
4.76	4.79	4.80	111420.1	338.498795			1
4.95	4.96	4.99	241900.4	789.730642			2
5.14	5.16	5.18	529877	937.540892			3
5.36	5.37	5.40	79400.25	388.431393			4
5.40	5.42	5.44	423241.7	1227.472933			5
5.78	5.80	5.82	85374.64	578.526833			6
Height Summation:			**1471214.09**				
Amount Avg CF:			**710.033581**	Linear:			
Aroclor-1268					5	107.23	
5.36	5.37	5.40	79400.25	135.574074			1
5.40	5.42	5.44	423241.7	753.7288			2
5.56	5.57	5.60	33026.03	70.348164			3
5.78	5.80	5.82	85374.64	530.472253			5
5.98	6.00	6.02	19747.51	17.829279			6
Height Summation:			**640790.13**				
Amount Avg CF:			**301.590514**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202656** ACF DF50 DUP11 ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.09 g Total Volume: 500 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0100.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:36:46
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0100.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2527.2546	490.5847		** 64.18	4	40	
Aroclor-1221			2527.2546	758.1764		** 62.10	3	40	
Aroclor-1232			2527.2546	609.5143		** 67.69	4	40	
Aroclor-1242			2527.2546	609.5143		** 63.30	4	40	
Aroclor-1248			2527.2546	490.5847		13.23	4	40	
Aroclor-1254			2527.2546	654.1129		0.61	4	40	
Aroclor-1260			2527.2546	579.7819		28.98	4	40	
Aroclor-1262			2527.2546	490.5847		19.38	4	40	
Aroclor-1268			2527.2546	490.5847		** 51.52	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:36:46 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0100.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.639		8340	9557
1.748		6875	5698
1.971		3637	2614
2.074		5929	3647
2.113		5724	7487
2.148		13701	20939
2.179		8795	6873
2.269		6847	3909
2.283		10935	9990
2.385		9996	9475
2.436		7432	7362
2.481		9703	5701
2.55		8300	8241
2.576		13265	12848
2.668		11124	7624
2.759		12046	9986
2.847		11983	10182
2.93		9946	6508
2.999	TCX	238079	153037
3.102		10819	10849
3.179		10154	8008
3.255		13692	17581
3.334		9686	11941
3.387		1506	698
3.407		6741	6281
3.466		4739	3077
3.482		6435	5449
3.537		6506	3484
3.582		12111	7813
3.619		5942	9088
3.657		22174	16595
3.693		5582	5708
3.762		32499	40661
3.802		39161	33263
3.86		31456	25528
3.9		4603	2847
3.928		380538	273820
3.956		111397	96103
3.978		12162	4913
4.055		177132	132361
4.08		24914	15909
4.111		70493	49762
4.145		208470	192622
4.186		28379	22959
4.219		4286	2505
4.233		5550	2521
4.25		4021	1959
4.271		48490	34530
4.308		1085236	831944
4.326		146332	72593
4.353		379502	339191
4.421		413582	343801
4.464		1833622	1928584

RT A	Compound A	Height A	Area A
4.499		780405	652669
4.54		40260	27123
4.562		143192	109231
4.604		707733	628092
4.654		1155212	1023969
4.686		317461	205824
4.717		2925122	2500591
4.765		214082	148647
4.781		61073	28093
4.801		344520	250164
4.821		2995	682
4.842		1148420	1093429
4.889		186475	169500
4.93		1739385	1607058
4.961		29826	18969
4.989		262341	267451
5.042		738894	577339
5.056		185353	112660
5.093		64392	49256
5.131		1066246	1119448
5.175		140446	105483
5.2		51912	36597
5.212		52164	29993
5.246		1665618	1458454
5.268		85964	42838
5.287		66637	37835
5.312		163541	128925
5.354		139815	152900
5.427		4080	3053
5.451		453737	374266
5.473		217891	155978
5.504		6053	2878
5.529		157172	133345
5.566		140962	131582
5.648		306045	281800
5.681		71943	62764
5.706		540533	471460
5.791		7634	6574
5.827		3289	2153
5.868		4371	2832
5.911		444141	421398
5.941		50531	34790
5.964		26815	21239
6.076		37749	34062
6.13		5231	3484
6.152		12824	9128
6.18		126352	121746
6.244		14086	14055
6.306		15717	12033
6.334		94180	91327
6.381		5307	4356
6.411		1716	1266
6.46		5044	4936
6.491		2294	559
6.534		17794	16198
6.651		2706	1923
6.682	DCB	99195	97201
6.721		5057	4128
6.773		1412	535
6.816		1749	745
6.845		1491	786
6.939		788	525
7.074		1331	629
7.086		1375	415
7.204		1538	999
7.304		1320	402

RT A	Compound A	Height A	Area A
7.427		1958	681
7.467		951	397
7.5		1792	597
7.533		1526	559
7.55		1443	726
7.752		1752	1092
8.009		1631	446
8.045		1876	439
8.136		1295	484
8.311		1278	862
8.522		1576	722

LANCASTER LABORATORIES

Sample Number: 9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:36:46 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0100.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		7775	7279
1.563		6976	11741
1.664		8883	7295
1.766		11980	11348
1.869		13221	10667
1.909		5216	5825
1.971		16363	13656
1.993		6385	4664
2.033		11122	16961
2.071		17002	12404
2.152		2002	1336
2.173		16489	12026
2.27		23691	19967
2.348		4023	2456
2.367		13664	8546
2.422		2224	1828
2.463		15572	13033
2.512		2969	2828
2.555		14686	12698
2.651	TCX	255366	162300
2.696		3015	1895
2.738		14289	14367
2.823		16635	13809
2.868		3668	2849
2.91		11085	8947
2.958		6881	6703
2.995		9984	9274
3.077		10133	9913
3.144		3910	2352
3.156		7588	5619
3.215		8168	4457
3.237		6732	4839
3.264		11161	9484
3.302		21598	18689
3.361		7847	8920
3.391		4344	2982
3.422		29702	22557
3.442		10858	4916
3.459		28110	26653
3.531		33629	21991
3.565		414492	256655
3.588		179387	102454
3.606		32753	15263
3.691		209591	132062
3.714		37718	20095
3.736		77486	50323
3.766		36185	18206
3.783		181897	113966
3.823		39649	32330
3.865		50983	41030
3.895		136236	78608
3.916		1553748	1034305
3.942		215847	121393
3.961		209575	116538

3.981		398863	246998
4.017		1860545	1293924
4.049		775389	482592
4.066		335324	167739
4.127		152665	107141
4.162		676514	525875
4.22		1385507	1018162
4.253		441242	338728
4.28		2853263	2171800
4.319		254385	237306
4.372		1504138	1250152
4.41		203591	159006
4.442		1676256	1172927
4.467		345073	227937
4.51		1393649	1241254
4.611		1135592	1157986
4.663		1170461	935941
4.703		394655	333411
4.742		2320992	2073604
4.774		72154	29001
4.789		111420	54350
4.813		147749	109953
4.872		26298	29728
4.914		20029	12705
4.93		79634	55846
4.964		241900	173114
4.988		613631	468381
5.04		222821	183110
5.075		103240	84569
5.105		58150	44151
5.137		341843	238293
5.159		529877	416601
5.2		9398	4597
5.231		21761	17009
5.295		7822	5821
5.328		5895	4344
5.352		2005	1067
5.374		79400	70207
5.417		423242	493010
5.573		33026	29820
5.62		13668	15241
5.664		61926	47049
5.691		45967	34902
5.772		12209	8918
5.798		85375	70153
5.908		12224	12964
5.998		19748	17987
6.158	DCB	110501	98711
6.194		7527	6335
6.637		2418	3400
8.074		1556	1972
8.196		1599	2049
8.295		9053	16265

9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082

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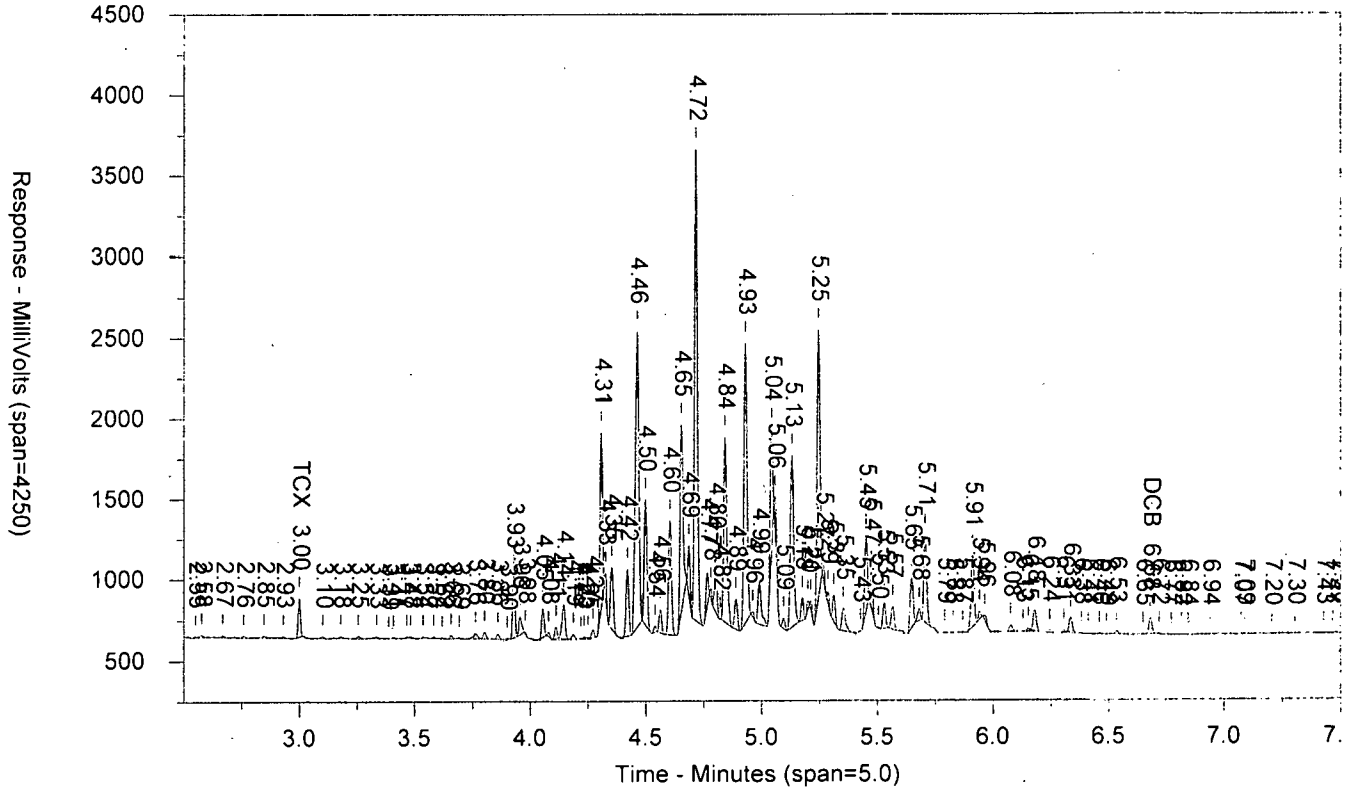

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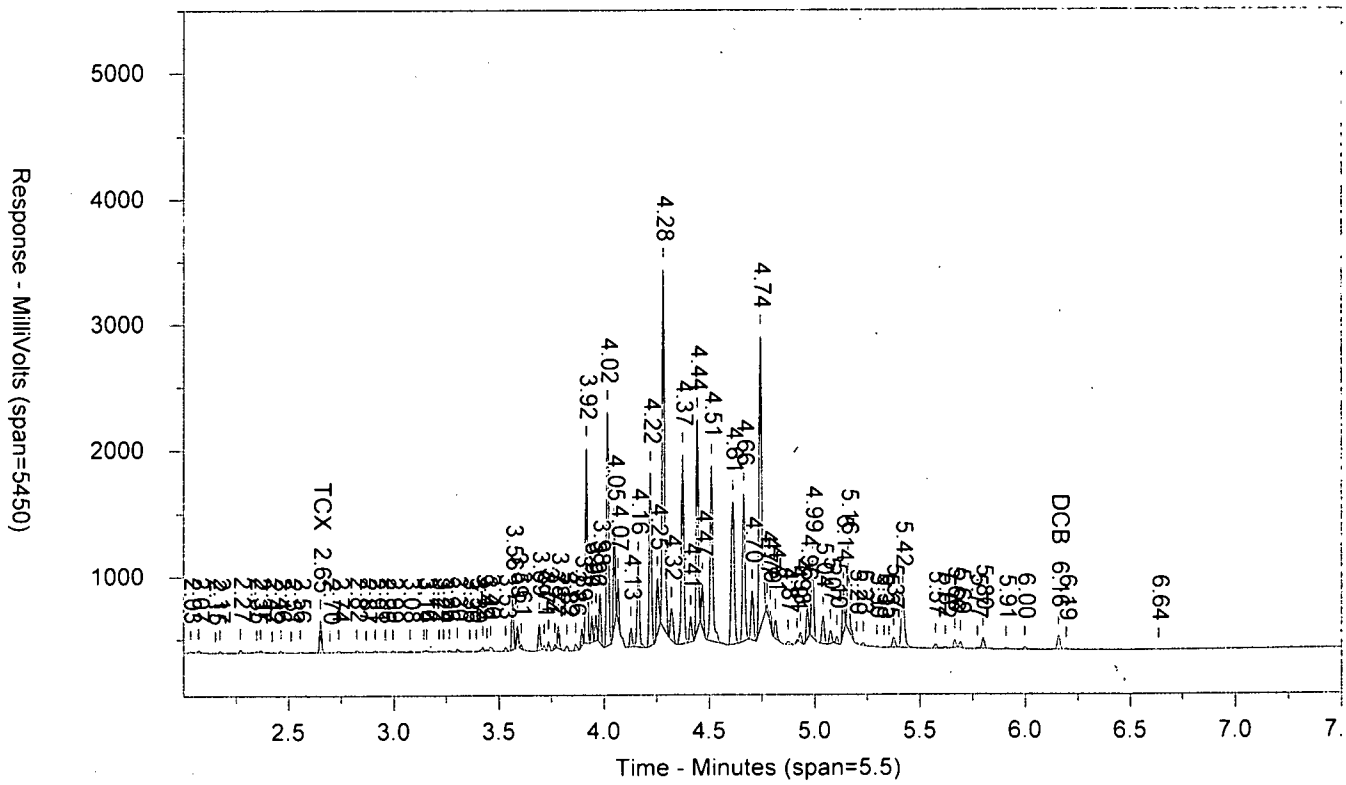

LANCASTER LABORATORIES

Sample Number: 9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:36:46 AM
Sample Weight: 10.09
Instrument ID: CP7-19843A
Dilution Factor: 500
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	238079	31.17	TCX	2.651	255366	32.562	TCX
6.682	99195	36.417	DCB	6.158	110501	34.373	DCB

Files:
Area File: 07pcbs17250008.0100.RAW
Area File: 07pcbs17250008B.0100.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:45:30 AM
File Reported On: 9/18/2017 at 11:45:55 AM

9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082

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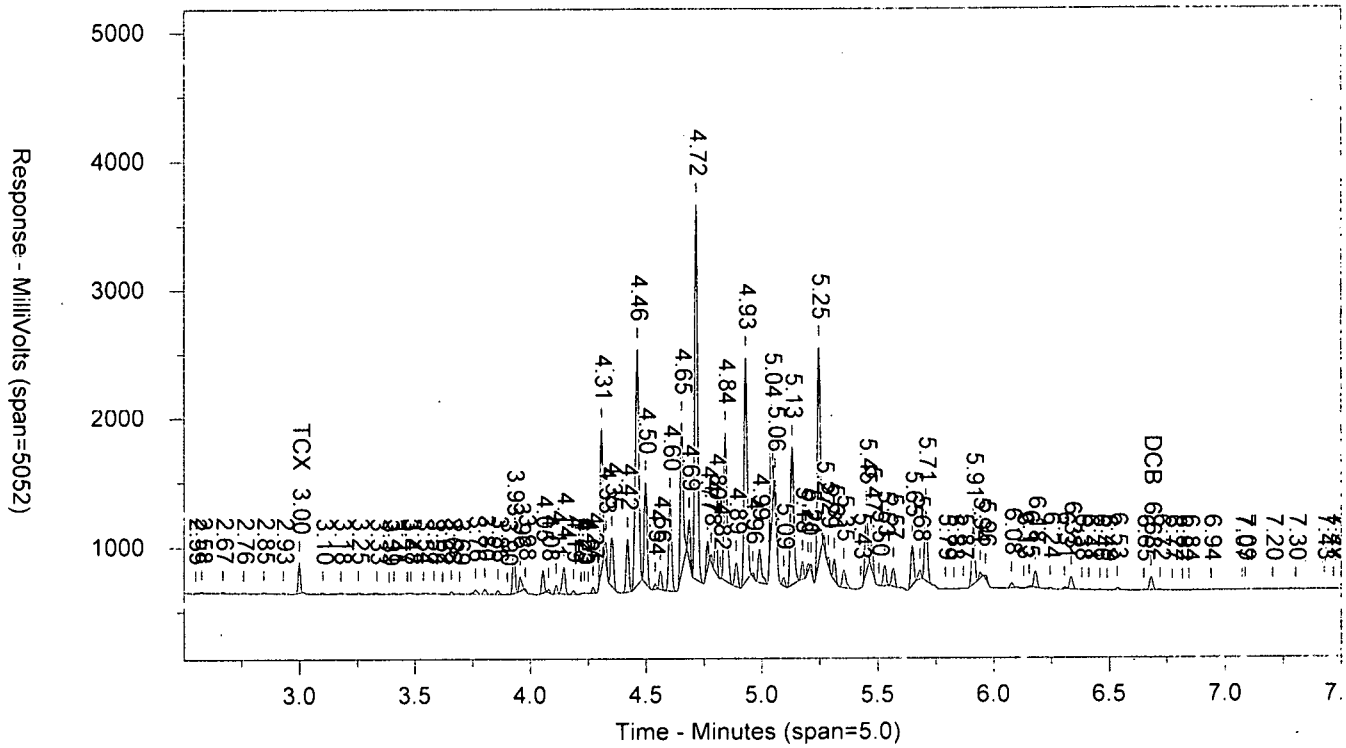

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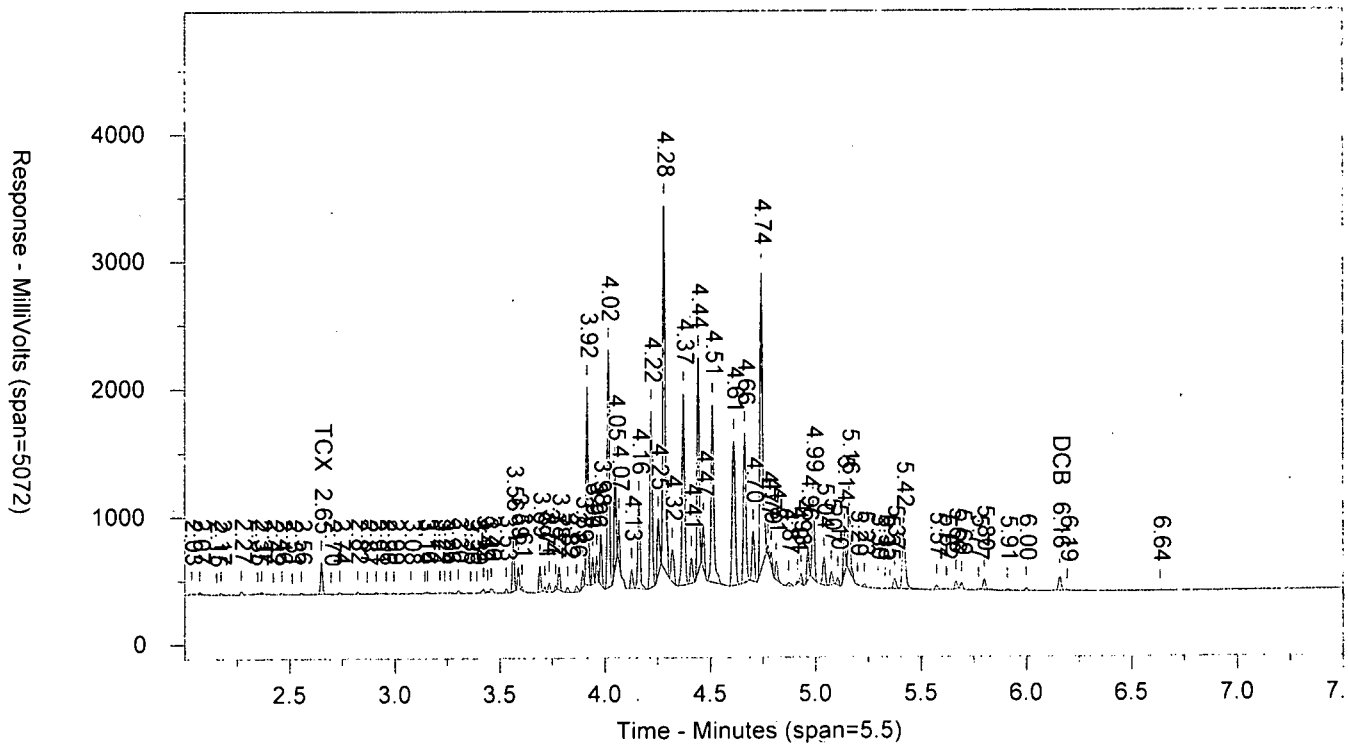

9202656 ACF DF50 ACDUP11 T 172560012A 10225 SW-846 8082

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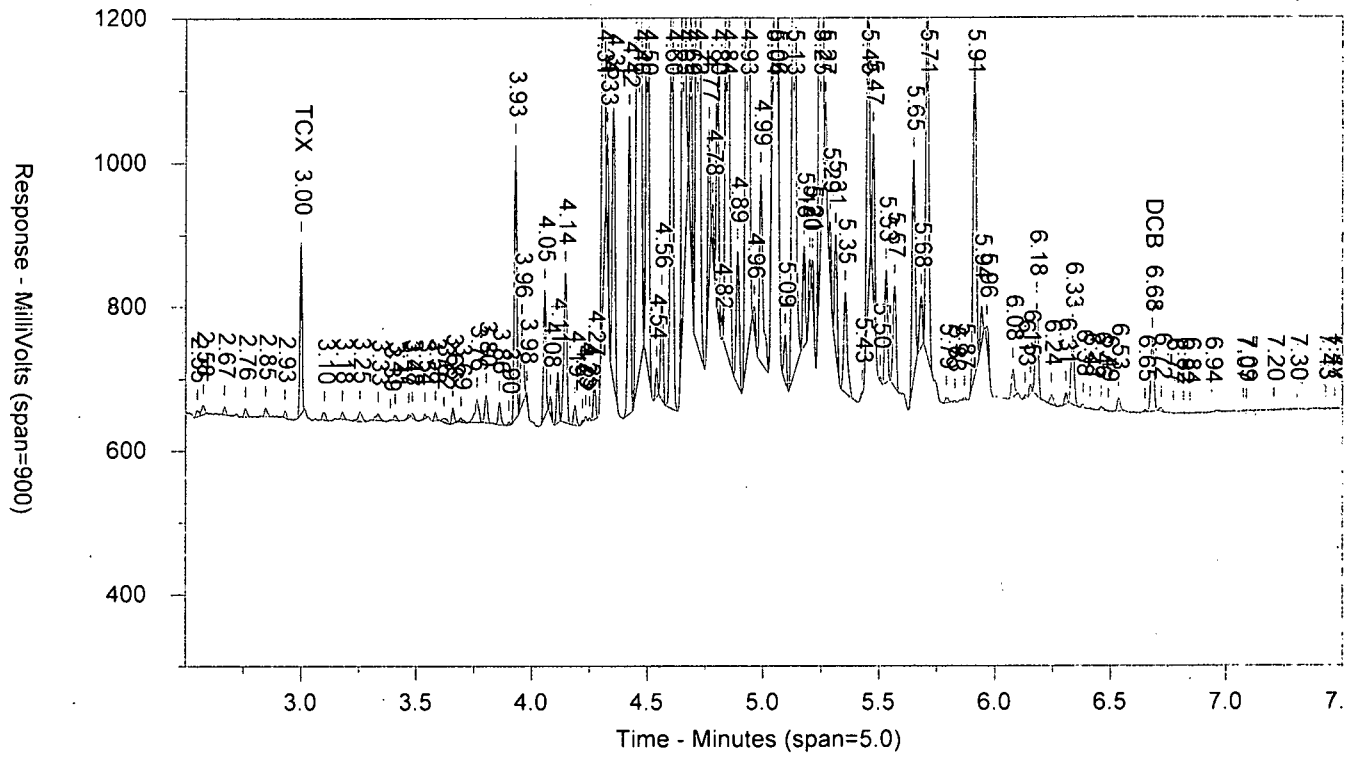

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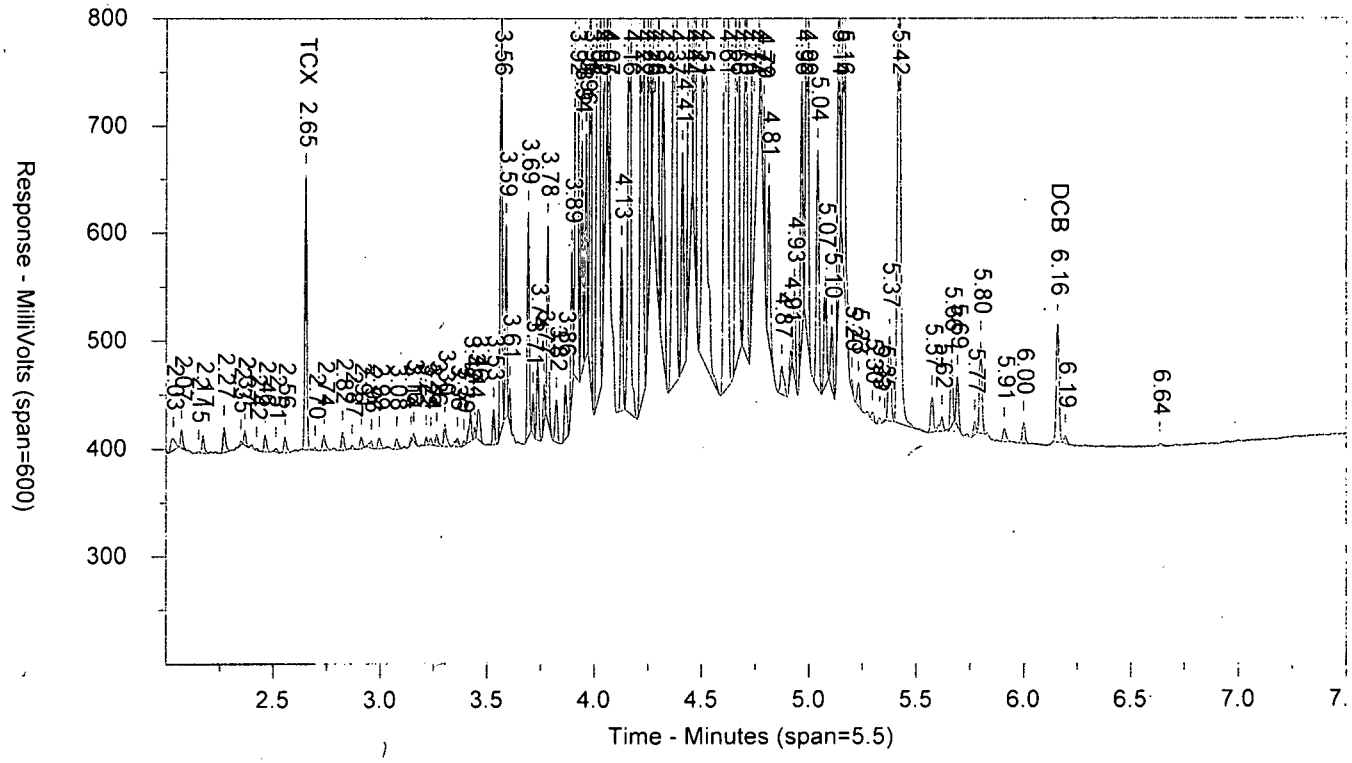

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Data Summary

Sample Name: 9202657 ACF DF20 -112E Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 9.52 g Total Volume: 200 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:48:19
Instrument	19843A
Result file	07PCBS17250008.0101.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 102% (61 - 152) Conc: 32.70161
%SSR(DCB) 132% (48 - 164) Conc: 37.66724

Analysis Report (B)

Injected on	Sep 18, 2017 11:48:19
Instrument	19843B
Result file	07PCBS17250008B.0101.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 103% (61 - 152) Conc: 32.96661
%SSR(DCB) 125% (48 - 164) Conc: 35.71577

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	589176	32.70161
Decachlorobiphenyl	6.65	6.68	6.71	242012	37.66724

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	609831	32.96661
Decachlorobiphenyl	6.13	6.16	6.19	270828	35.71577

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	32.96661				0.81	
☑	Tetrachloro-m-xylene-D1	A	32.70161					
☑	Tetrachloro-m-xylene-D2	B	32.96661					
☐	Decachlorobiphenyl	A	37.66724				5.32	
☑	Decachlorobiphenyl-D1	A	37.66724					
☑	Decachlorobiphenyl-D2	B	35.71577					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**40.94**	
4.82	4.84	4.86	1709123	2467.020938			1
5.02	5.04	5.06	2030911	2986.476713			2
5.23	5.25	5.27	2824012	4376.456945			3
5.45	5.47	5.49	604613.2	1618.045672			4
5.69	5.71	5.73	1611030	1760.528145			5
5.89	5.91	5.93	1177724	1968.005802			6

Height summation: **9957413.2**
Concentration CF: **2529.422369** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**37.69**	
4.35	4.37	4.39	1961658	2765.220473			1
4.49	4.51	4.53	2370580	2913.056287			2
4.60	4.61	4.64	1629582	2476.515789			3
4.72	4.74	4.76	3760388	4735.699449			4
5.14	5.16	5.18	1773694	1730.09788			5
5.40	5.42	5.44	1270213	2092.228076			6

Height summation: **12766115**
Concentration CF: **2785.469659** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<1071.4286	<207.9832	D1		4	
☑	PCB-1221			<1071.4286	<321.4286	D1		3	
☑	PCB-1232			<1071.4286	<258.4034	D1		4	
☑	PCB-1242			<1071.4286	<258.4034	D1		4	
☑	PCB-1248			<1071.4286	<207.9832	D1		4	
☑	PCB-1254			<1071.4286	<277.3109	D1		4	
☑	PCB-1260	B	2785.469659	1071.4286	245.7983	D2	9.64	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:59

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202657** ACF DF20 -112E ID: AC **Batchnumber: 172560012A**
Sample Amount: 9.52 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0101.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 102% (61-152) Conc.: 32.70161
%SSR(DCB) : 132% (48-164) Conc.: 37.66724

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**102.65**	
3.23	3.25	3.27	4639.145	14.824601			1
3.56	3.58	3.60	4464.549	11.691914			3
+ 3.74	3.75	3.78	2196.879	5.876392			4
3.74	3.76	3.78	13908.63	37.203945			4
3.78	3.80	3.82	20928.11	47.699429			5
3.91	3.93	3.95	36760.01	136.588973			6
Height Summation:			**80700.444**				
Amount Avg CF:			**49.601773**	Linear:			
Aroclor-1221					**2**	**72.45**	
3.18	3.20	3.22	4722.579	35.633472			2
3.23	3.25	3.27	4639.145	11.492396			3
Height Summation:			**9361.724**				
Amount Avg CF:			**23.562934**	Linear:			
Aroclor-1232					**5**	**119.74**	
3.23	3.25	3.27	4639.145	12.636219			1
3.56	3.58	3.60	4464.549	24.304084			3
+ 3.74	3.75	3.78	2196.879	12.748864			4
3.74	3.76	3.78	13908.63	80.714153			4
3.78	3.80	3.82	20928.11	97.321188			5
3.91	3.93	3.95	36760.01	339.577263			6
Height Summation:			**80700.444**				
Amount Avg CF:			**110.910582**	Linear:			
Aroclor-1242					**5**	**108.28**	
3.23	3.25	3.27	4639.145	11.071733			1
3.56	3.58	3.60	4464.549	8.891744			3
+ 3.74	3.75	3.78	2196.879	3.97084			4
3.74	3.76	3.78	13908.63	25.139733			4
3.78	3.80	3.82	20928.11	34.483811			5
3.91	3.93	3.95	36760.01	107.314226			6
Height Summation:			**80700.444**				
Amount Avg CF:			**37.380249**	Linear:			
Aroclor-1248					**6**	**98.85**	
3.78	3.80	3.82	20928.11	96.761479			1
3.84	3.86	3.88	11285.9	49.051631			2
3.91	3.93	3.95	36760.01	95.952708			3
4.03	4.06	4.07	19137.79	44.239644			4
4.12	4.14	4.16	38366.92	102.439148			5
4.30	4.31	4.34	153007.5	382.465553			6
+ 4.30	4.33	4.34	48124.01	120.293293			6
Height Summation:			**279486.23**				
Amount Avg CF:			**128.485027**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0101.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 103% (61-152) Conc.: 32.96661
%SSR(DCB) : 125% (48-164) Conc.: 35.71577

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**137.73**	
2.92	2.95	2.96	3068.958	9.586262			1
3.12	3.16	3.16	6769.438	16.626234			2
3.25	3.27	3.29	5353.373	13.302173			3
3.40	3.42	3.44	19958.03	46.271452			4
+* 3.40	3.44	3.44	3755.525	8.706951			4
+* 3.44	3.44	3.48	3755.525	9.270273			5
3.44	3.46	3.48	14236.28	35.141347			5
3.57	3.59	3.61	67743.12	203.016053			6
+ 3.57	3.61	3.61	23835.61	71.431777			6
Height Summation:			**117129.199**				
Amount Avg CF:			**53.990587**	Linear:			
Aroclor-1221					**3**	**77.00**	
2.80	2.82	2.84	5796.265	33.240248			1
2.86	2.87	2.90	6259.469	57.227514			2
2.92	2.95	2.96	3068.958	7.137941			3
Height Summation:			**15124.692**				
Amount Avg CF:			**32.535234**	Linear:			
Aroclor-1232					**6**	**150.30**	
2.92	2.95	2.96	3068.958	7.835577			1
3.12	3.16	3.16	6769.438	32.930646			2
3.25	3.27	3.29	5353.373	26.925029			3
3.40	3.42	3.44	19958.03	100.547803			4
+* 3.40	3.44	3.44	3755.525	18.920193			4
+* 3.44	3.44	3.48	3755.525	18.579392			5
3.44	3.46	3.48	14236.28	70.429948			5
3.57	3.59	3.61	67743.12	482.869495			6
+ 3.57	3.61	3.61	23835.61	169.899009			6
Height Summation:			**117129.199**				
Amount Avg CF:			**120.256416**	Linear:			
Aroclor-1242					**6**	**138.76**	
2.92	2.95	2.96	3068.958	6.932127			1
3.12	3.16	3.16	6769.438	18.828791			2
3.25	3.27	3.29	5353.373	10.176811			3
3.40	3.42	3.44	19958.03	31.866864			4
+* 3.44	3.44	3.48	3755.525	6.697616			5
+* 3.40	3.44	3.44	3755.525	5.996424			4
3.44	3.46	3.48	14236.28	25.389031			5
3.57	3.59	3.61	67743.12	160.6051			6
+ 3.57	3.61	3.61	23835.61	56.509363			6
Height Summation:			**117129.199**				
Amount Avg CF:			**42.299787**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202657** ACF DF20 -112E ID: AC **Batchnumber: 172560012A**
Sample Amount: 9.52 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0101.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**101.15**	
4.29	4.31	4.32	153007.5	354.701644			1
+ 4.63	4.65	4.67	84760.4	185.275368			2
4.63	4.67	4.67	259170.8	566.514143			2
4.69	4.72	4.73	1833405	1894.333557			3
4.91	4.93	4.95	852689.4	1441.255026			4
5.11	5.13	5.15	808543	2388.506433			5
5.23	5.25	5.27	2824012	6350.508035			6
Height Summation:			**6730827.7**				
Amount Avg CF:			**2165.969806**	Linear:			
Aroclor-1260					**6**	**40.94**	
+ 4.82	4.82	4.86	25489.48	36.792601			1
4.82	4.84	4.86	1709123	2467.020938			1
5.02	5.04	5.06	2030911	2986.476713			2
5.23	5.25	5.27	2824012	4376.456945			3
5.45	5.47	5.49	604613.2	1618.045672			4
5.69	5.71	5.73	1611030	1760.528145			5
5.89	5.91	5.93	1177724	1968.005802			6
Height Summation:			**9957413.2**				
Amount Avg CF:			**2529.422369**	Linear:			
Aroclor-1262					**6**	**38.84**	
5.29	5.31	5.33	492206.7	887.843555			1
5.45	5.47	5.49	604613.2	1226.796055			2
5.69	5.71	5.73	1611030	1489.781646			3
5.89	5.91	5.93	1177724	1595.65346			4
5.95	5.96	5.99	154874.2	417.029616			5
6.31	6.33	6.35	346042.8	1039.152997			6
Height Summation:			**4386490.9**				
Amount Avg CF:			**1109.376221**	Linear:			
Aroclor-1268					**6**	**99.11**	
5.89	5.91	5.93	1177724	889.493281			1
5.95	5.96	5.99	154874.2	135.269899			2
6.08	6.10	6.12	13634.02	12.408615			3
+ 6.14	6.15	6.18	41384.47	143.457493			4
6.14	6.18	6.18	337444.1	1169.735522			4
6.31	6.33	6.35	346042.8	1022.003629			5
6.51	6.53	6.55	71787.13	32.212161			6
Height Summation:			**2101506.25**				
Amount Avg CF:			**543.520518**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0101.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**99.12**	
+ 3.44	3.44	3.48	3755.525	20.240546			1
3.44	3.46	3.48	14236.28	76.726975			1
3.51	3.53	3.55	11820.99	46.474244			2
3.55	3.57	3.59	44186.52	100.882029			3
3.67	3.69	3.71	24786.93	47.067601			4
3.76	3.77	3.80	29659.14	81.448525			5
+ 3.76	3.78	3.80	18489.68	50.775483			5
+ 3.90	3.90	3.94	12473.55	18.0074			6
3.90	3.92	3.94	242596.2	350.223208			6
Height Summation:			**367286.06**				
Amount Avg CF:			**117.137097**	Linear:			
Aroclor-1254					**6**	**84.46**	
4.20	4.22	4.24	204593.1	372.438659			1
+ 4.26	4.26	4.30	178648.1	183.925801			2
4.26	4.28	4.30	1712147	1762.728004			2
4.35	4.37	4.39	1961658	4299.616404			3
4.42	4.44	4.46	689811.2	1149.794437			4
4.64	4.67	4.68	583873.2	1382.348854			5
4.72	4.74	4.76	3760388	5619.04146			6
Height Summation:			**8912470.5**				
Amount Avg CF:			**2430.994636**	Linear:			
Aroclor-1260					**6**	**37.69**	
4.35	4.37	4.39	1961658	2765.220473			1
4.49	4.51	4.53	2370580	2913.056287			2
4.60	4.61	4.64	1629582	2476.515789			3
4.72	4.74	4.76	3760388	4735.699449			4
5.14	5.16	5.18	1773694	1730.09788			5
5.40	5.42	5.44	1270213	2092.228076			6
Height Summation:			**12766115**				
Amount Avg CF:			**2785.469659**	Linear:			
Aroclor-1262					**6**	**40.36**	
4.76	4.77	4.80	438916	565.313302			1
4.95	4.97	4.99	748261.6	1035.64299			2
5.14	5.16	5.18	1773694	1330.479099			3
5.36	5.37	5.40	277513.1	575.559398			4
5.40	5.42	5.44	1270213	1561.759788			5
5.78	5.80	5.82	312414.4	897.511195			6
Height Summation:			**4821012.1**				
Amount Avg CF:			**994.377629**	Linear:			
Aroclor-1268					**6**	**122.59**	
5.36	5.37	5.40	277513.1	200.887296			1
5.40	5.42	5.44	1270213	958.997383			2
5.56	5.57	5.60	71094.81	64.201992			3
5.62	5.64	5.66	4845.574	17.975423			4
5.78	5.80	5.82	312414.4	822.960593			5
5.98	6.00	6.02	69855.75	26.738547			6
Height Summation:			**2005936.634**				
Amount Avg CF:			**348.626873**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202657** ACF DF20 -112E ID: AC **Batchnumber: 172560012A**
Sample Amount: 9.52 g Total Volume: 200 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0101.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:48:19
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0101.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			1071.4285	207.9832		8.47	4	40	
Aroclor-1221			1071.4285	321.4286		31.99	3	40	
Aroclor-1232			1071.4285	258.4034		8.09	4	40	
Aroclor-1242			1071.4285	258.4034		12.35	4	40	
Aroclor-1248			1071.4285	207.9832		9.24	4	40	
Aroclor-1254			1071.4285	277.3109		11.53	4	40	
Aroclor-1260			1071.4285	245.7983		9.64	4	40	
Aroclor-1262			1071.4285	207.9832		10.93	4	40	
Aroclor-1268			1071.4285	207.9832		** 43.69	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:48:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0101.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.641		17786	20699
1.748		18429	15799
2.145		12515	17990
2.202		11588	6988
2.271		11403	6799
2.388		3657	2985
2.436		6438	5036
2.551		6620	6716
2.578		6201	6350
2.668		3655	2265
2.721		7452	4547
2.76		3953	3185
2.845		4067	2509
3	TCX	589176	393939
3.178		3049	1858
3.197		4723	3190
3.252		4639	2782
3.302		1715	620
3.321		4800	5719
3.403		2664	1657
3.537		5641	7497
3.583		4465	3343
3.658		12639	9106
3.75		2197	2214
3.762		13909	10232
3.801		20928	16807
3.86		11286	8143
3.9		4343	2942
3.929		36760	26989
3.957		7808	4348
3.965		9653	4112
4.032		1281	388
4.056		19138	11523
4.08		11550	7357
4.111		36957	25845
4.141		38367	45233
4.192		6790	5687
4.219		11903	8060
4.25		5515	3477
4.273		18189	12364
4.308		153008	114278
4.326		48124	25073
4.353		205165	177215
4.421		215563	173824
4.463		451087	466754
4.499		388912	333886
4.539		113387	83662
4.562		33540	20745
4.604		178848	179462
4.655		84760	58223
4.672		259171	248963
4.717		1833405	1589068
4.766		382062	276169

RT A	Compound A	Height A	Area A
4.781		129588	64849
4.803		91351	53213
4.823		25489	12959
4.843		1709123	1550833
4.889		124631	113353
4.93		852689	879427
4.963		25477	15367
4.99		506715	489865
5.043		2030911	2827080
5.094		188458	160248
5.132		808543	821412
5.175		192762	145524
5.212		254837	340492
5.247		2824012	2518004
5.268		115907	57546
5.287		84079	42594
5.312		492207	438072
5.354		392001	393080
5.426		7082	4718
5.451		625289	501244
5.473		604613	455090
5.529		436496	373245
5.567		292948	268319
5.589		5768	1919
5.607		17868	17365
5.649		293176	278664
5.681		110337	87785
5.706		1611030	1519354
5.793		16549	13154
5.827		8190	4974
5.85		5548	4052
5.911		1177724	1137470
5.941		109786	72926
5.964		154874	164736
6.033		2449	1496
6.076		71036	61227
6.1		13634	8851
6.128		9843	6267
6.152		41384	28161
6.18		337444	309042
6.245		26746	24958
6.283		2433	1446
6.306		31825	23881
6.334		346043	340952
6.378		22865	20044
6.534		71787	69570
6.606		1183	252
6.652		5903	5147
6.682	DCB	242012	241558
6.718		13476	11768
6.785		1656	459
6.816		1861	829
6.928		1212	659
6.96		1608	657
7.005		1110	328
7.016		1176	352
7.119		1877	423
7.207		1698	1269
7.232		1068	456
7.272		1035	452
7.413		1990	682
7.6		1391	626
7.631		1171	400
7.805		2030	676
7.856		1559	967
7.898		1136	758

RT A	Compound A	Height A	Area A
8.019		1967	701
8.092		1406	522
8.174		1436	932
8.247		1356	368
8.268		1912	577
8.394		1507	667
8.437		1704	612
8.529		1621	839

LANCASTER LABORATORIES

Sample Number: 9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:48:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0101.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		15492	14991
1.833		3155	1905
1.868		3631	3171
1.91		12996	11065
1.969		4751	5454
1.993		12249	7891
2.029		10528	15643
2.072		6010	5813
2.151		3867	2514
2.172		5414	4436
2.269		12151	11676
2.348		5337	5252
2.401		7996	7655
2.461		5247	5095
2.554		4967	3627
2.652	TCX	609831	377461
2.736		5906	7028
2.824		5796	4359
2.869		6259	3574
2.909		3732	2639
2.948		3069	2583
2.996		3132	3491
3.075		3419	3030
3.156		6769	9517
3.217		5677	3360
3.239		2813	1717
3.265		5353	4797
3.303		11509	10016
3.362		7347	7328
3.393		1909	1034
3.423		19958	15063
3.442		3756	1682
3.458		14236	15033
3.532		11821	9142
3.565		44187	26165
3.589		67743	40006
3.607		23836	11204
3.623		4609	2832
3.692		24787	16075
3.715		13614	6927
3.736		38306	25152
3.767		29659	16624
3.783		18490	13090
3.822		25747	18969
3.866		23838	19003
3.897		12474	8126
3.917		242596	158070
3.943		77043	43246
3.962		127942	71302
3.981		200046	124008
4.017		462499	333904
4.049		377137	246925
4.066		43892	19209
4.089		120816	77953

4.13		44608	38448
4.163		133965	108058
4.183		32658	24692
4.22		204593	153672
4.262		178648	136713
4.281		1712147	1508704
4.319		404460	340229
4.373		1961658	1603386
4.411		141316	137272
4.443		689811	454092
4.467		716872	513063
4.511		2370581	1939872
4.612		1629583	1707016
4.665		583873	474321
4.705		697944	610461
4.742		3760388	3158918
4.775		438916	311056
4.813		441370	327878
4.873		36125	43172
4.913		85468	54604
4.931		125801	85078
4.965		748262	548388
4.989		849862	626004
5.039		554724	490760
5.075		267118	209181
5.105		170819	128200
5.137		252379	167777
5.159		1773694	1451205
5.2		32051	21052
5.231		62307	57256
5.272		5756	3851
5.296		16480	12035
5.328		10609	7490
5.351		8930	4677
5.374		277513	237141
5.417		1270213	1373025
5.572		71095	61405
5.619		38929	41152
5.642		4846	2278
5.664		126761	96392
5.691		162932	129247
5.733		7537	7474
5.772		29191	20421
5.798		312414	267070
5.83		15447	10967
5.879		3275	2632
5.997		69856	62579
6.158	DCB	270828	245641
6.194		18186	14356
6.362		1524	1142
6.638		3772	3785
8.192		2237	3127
8.291		7823	14381
8.516		3842	5416

9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082

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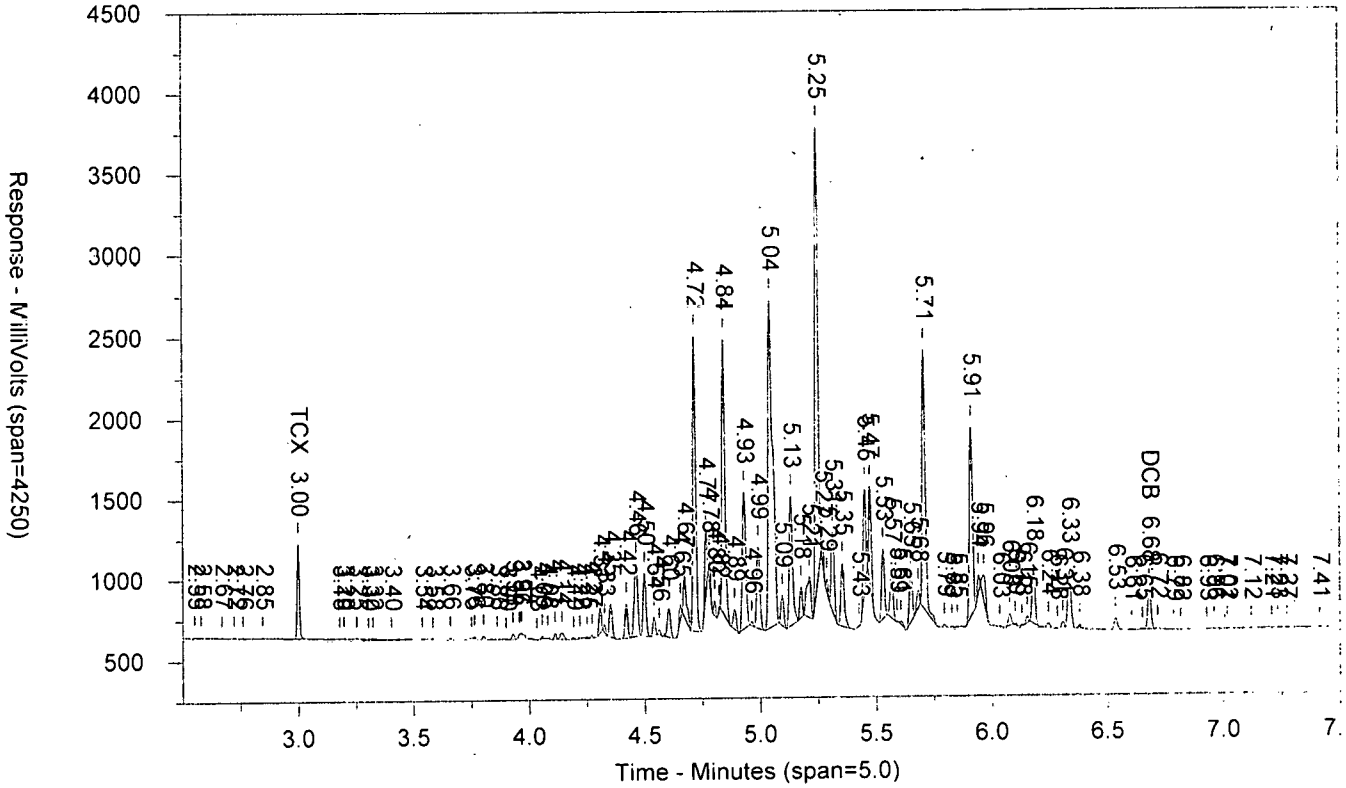

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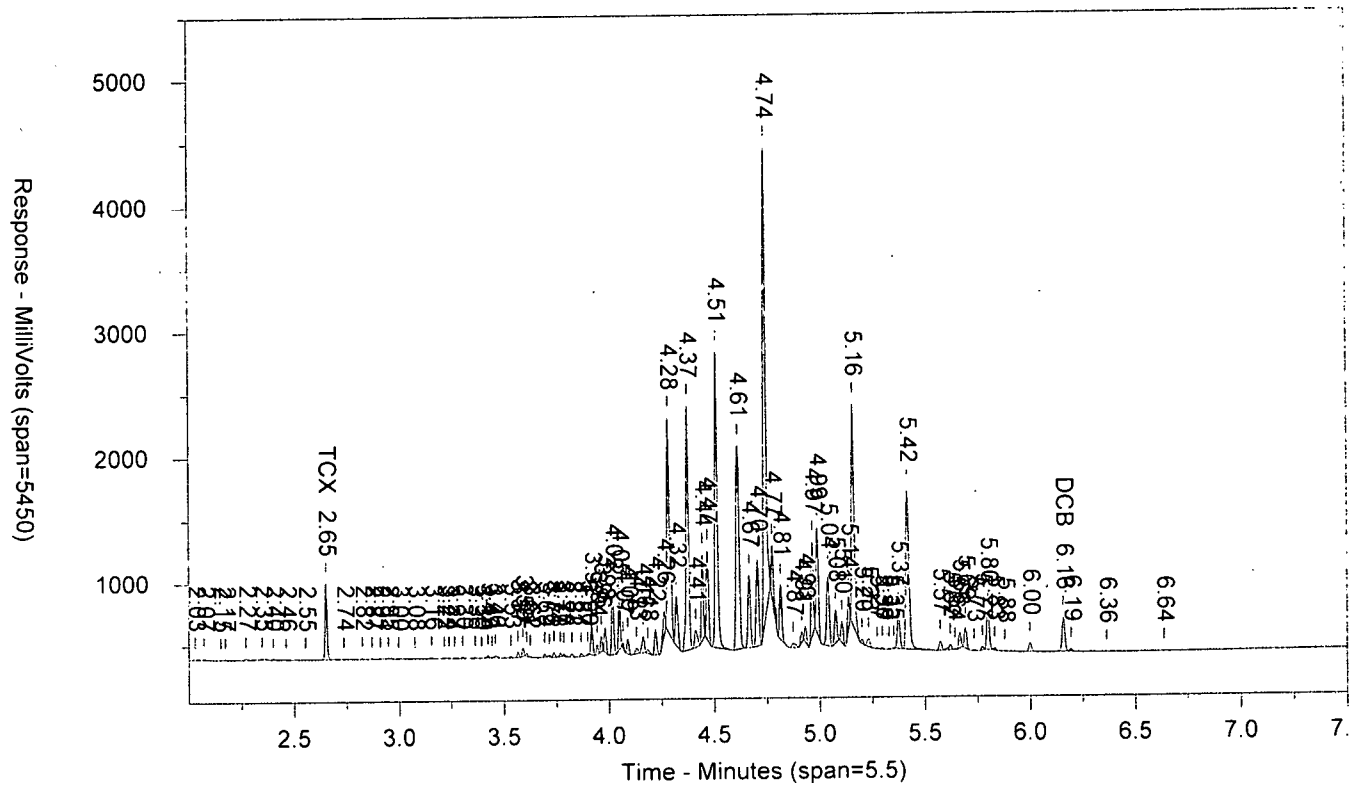

LANCASTER LABORATORIES

Sample Number: 9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:48:19 AM
Sample Weight: 9.52
Instrument ID: CP7-19843A
Dilution Factor: 200
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	589176	32.702	TCX	2.652	609831	32.967	TCX
6.682	242012	37.667	DCB	6.158	270828	35.716	DCB

Files:
Area File: 07pcbs17250008.0101.RAW
Area File: 07pcbs17250008B.0101.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:57:01 AM
File Reported On: 9/18/2017 at 11:57:08 AM

9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082

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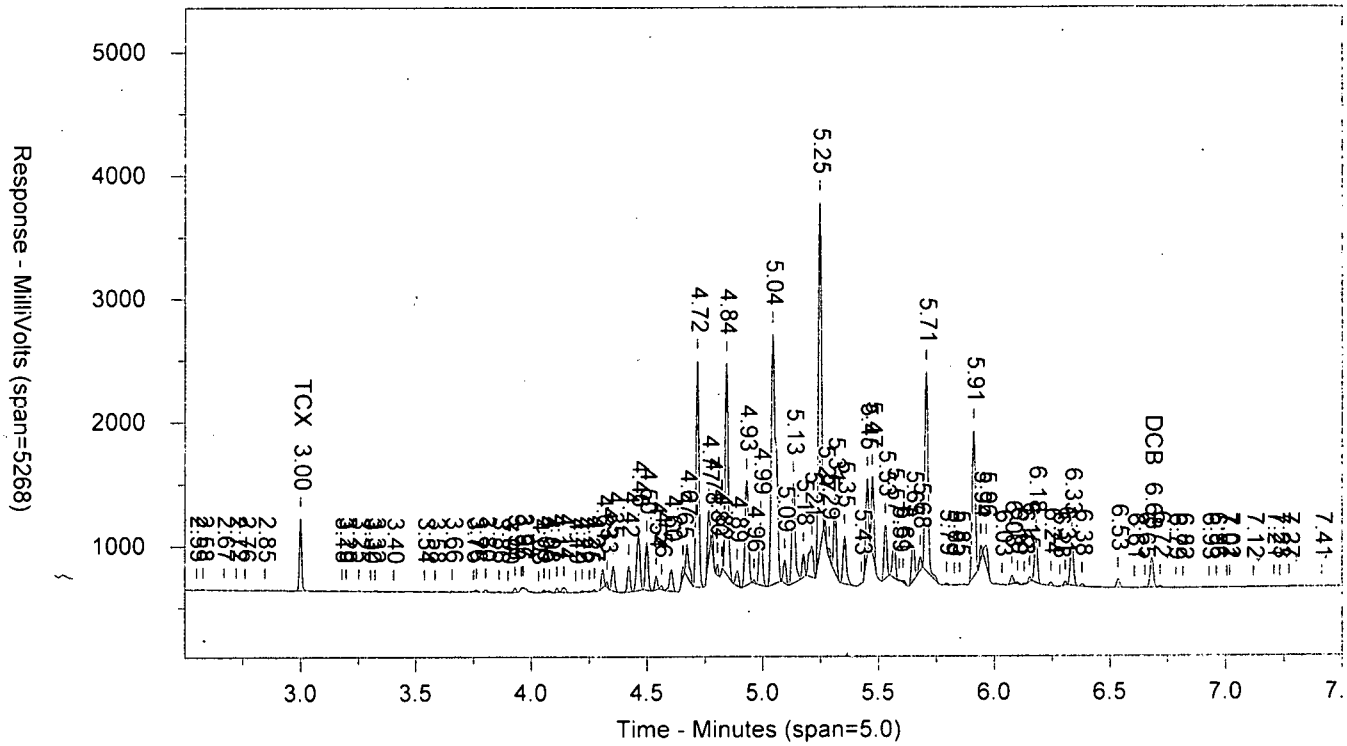

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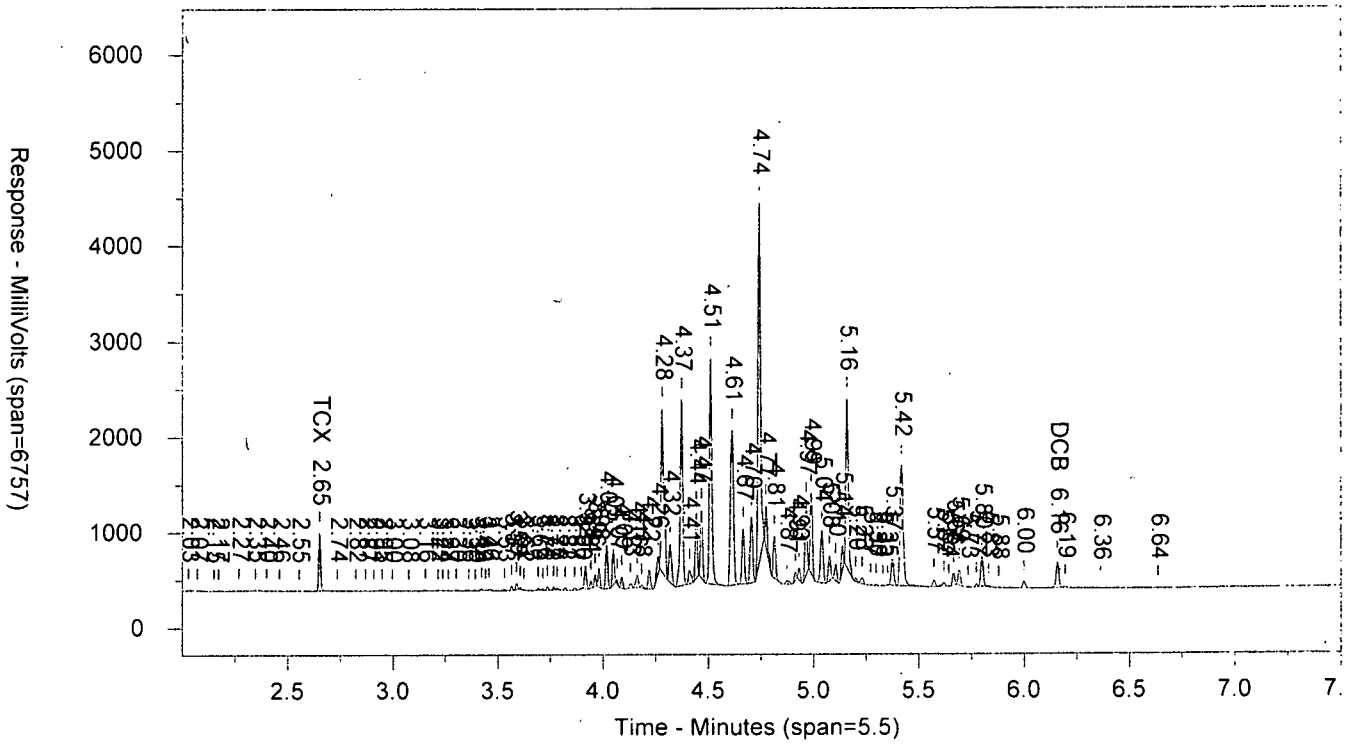

9202657 ACF DF20 AC-112E T 172560012A 10225 SW-846 8082

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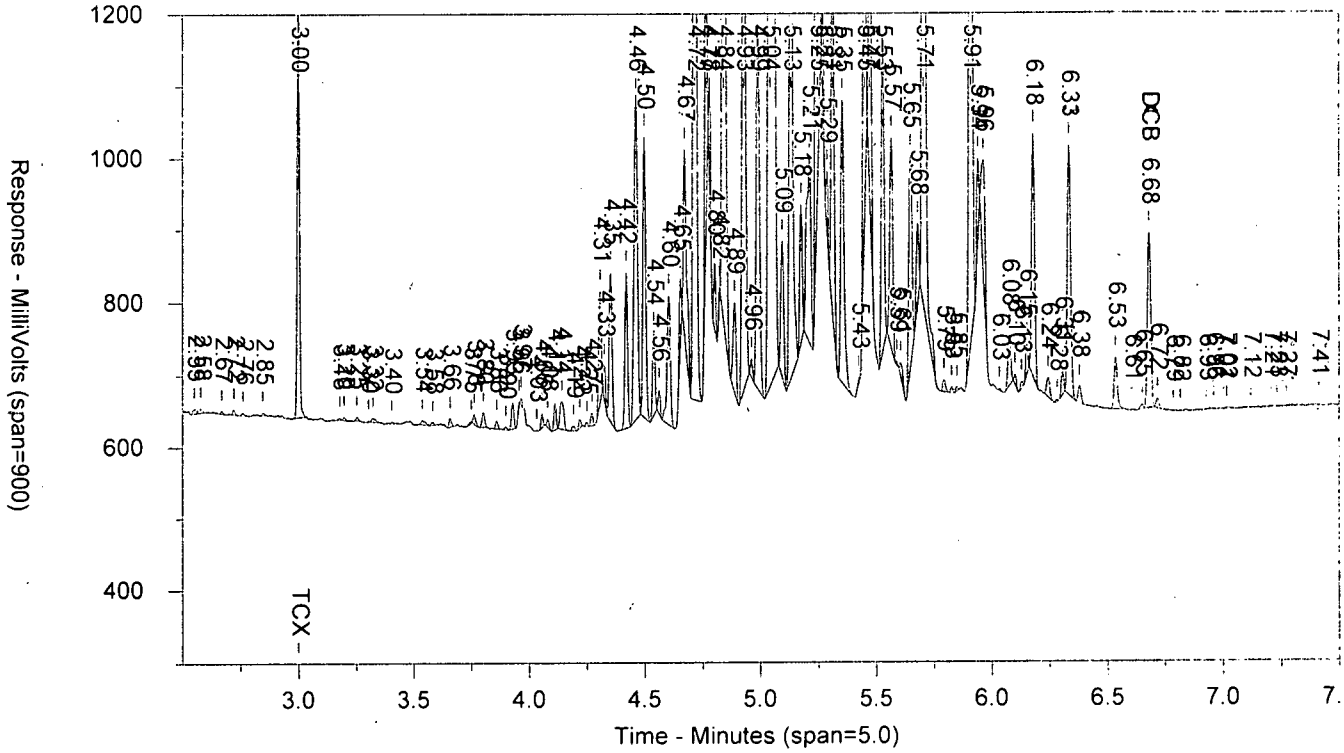

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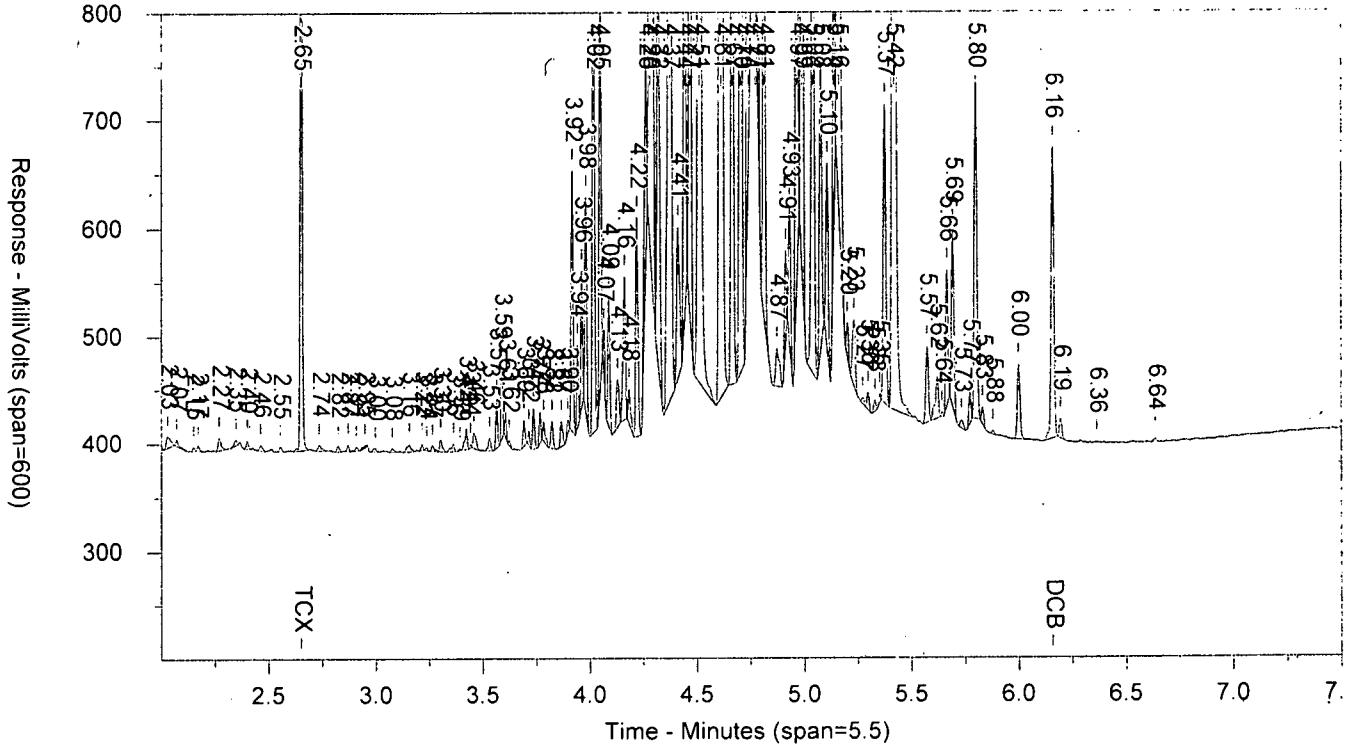

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Data Summary

Sample Name: 9202658 ACF DF5 -113W Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.15 g Total Volume: 50 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:59:51
Instrument	19843A
Result file	07PCBS17250008.0102.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 72% (61 - 152) Conc: 21.71155
%SSR(DCB) 111% (48 - 164) Conc: 29.64721

Analysis Report (B)

Injected on	Sep 18, 2017 11:59:51
Instrument	19843B
Result file	07PCBS17250008B.0102.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 75% (61 - 152) Conc: 22.57079
%SSR(DCB) 101% (48 - 164) Conc: 26.90471

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1668231	21.71155
Decachlorobiphenyl	6.65	6.68	6.71	812355	29.64721

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1780618	22.57079
Decachlorobiphenyl	6.13	6.16	6.19	870065	26.90471

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	22.57079				3.88	
☑	Tetrachloro-m-xylene-D1	A	21.71155					
☑	Tetrachloro-m-xylene-D2	B	22.57079					
☐	Decachlorobiphenyl	A	29.64721				9.70	
☑	Decachlorobiphenyl-D1	A	29.64721					
☑	Decachlorobiphenyl-D2	B	26.90471					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.52**	
4.82	4.84	4.86	2286182	773.78665			1
5.02	5.04	5.06	2583253	890.730037			2
5.23	5.25	5.27	2895402	1052.145755			3
5.45	5.47	5.49	1444120	906.206867			4
5.69	5.71	5.73	3896298	998.395063			5
5.89	5.91	5.93	2489595	975.489204			6

Height summation: **15594850**
Concentration CF: **932.792263** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.57**	
4.35	4.37	4.39	2453382	810.928491			1
4.49	4.51	4.53	3020879	870.439328			2
4.60	4.61	4.64	2073202	738.783889			3
4.72	4.74	4.76	3398031	1003.436109			4
5.14	5.16	5.18	4277630	978.376716			5
5.40	5.42	5.44	2445996	944.711343			6

Height summation: **17669120**
Concentration CF: **891.112646** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<251.2315	<48.7685	D1		4	
☑	PCB-1221			<251.2315	<75.3695	D1		3	
☑	PCB-1232			<251.2315	<60.5911	D1		4	
☑	PCB-1242			<251.2315	<60.5911	D1		4	
☑	PCB-1248			<251.2315	<48.7685	D1		4	
☑	PCB-1254			<251.2315	<65.0246	D1		4	
☑	PCB-1260	A	932.792263	251.2315	57.6355	D1	4.57	4	

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:31:00

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202658** ACF DF5 -113W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.15 g Total Volume: 50 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0102.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 72% (61-152) Conc.: 21.71155
%SSR(DCB) : 111% (48-164) Conc.: 29.64721

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**122.49**	
3.23	3.24	3.27	7974.672	5.975425			1
+ 3.23	3.26	3.27	7689.194	5.761517			1
3.56	3.56	3.60	17137.08	10.523393			3
+ 3.56	3.59	3.60	4912.342	3.016529			3
+ 3.74	3.76	3.78	2047.29	1.284088			4
3.74	3.77	3.78	19963.06	12.521105			4
3.78	3.81	3.82	12116	6.475202			5
3.91	3.93	3.95	70977.75	61.840524			6
Height Summation:			**128168.562**				
Amount Avg CF:			**19.46713**	Linear:			
Aroclor-1221					**3**	**60.55**	
+ 3.13	3.14	3.17	4437.877	7.18205			1
3.13	3.17	3.17	13072.17	21.15538			1
3.18	3.18	3.22	11473.76	20.299979			2
+ 3.18	3.21	3.22	10830.41	19.16173			2
3.23	3.24	3.27	7974.672	4.632297			3
+ 3.23	3.26	3.27	7689.194	4.466469			3
Height Summation:			**32520.602**				
Amount Avg CF:			**15.362552**	Linear:			
Aroclor-1232					**5**	**139.77**	
3.23	3.24	3.27	7974.672	5.093343			1
+ 3.23	3.26	3.27	7689.194	4.911011			1
3.56	3.56	3.60	17137.08	21.875067			3
+ 3.56	3.59	3.60	4912.342	6.270486			3
+ 3.74	3.74	3.78	9386.075	12.77204			4
+ 3.74	3.76	3.78	2047.29	2.785836			4
3.74	3.77	3.78	19963.06	27.164603			4
3.78	3.81	3.82	12116	13.211361			5
3.91	3.93	3.95	70977.75	153.743274			6
Height Summation:			**128168.562**				
Amount Avg CF:			**44.21753**	Linear:			
Aroclor-1242					**5**	**127.74**	
3.23	3.24	3.27	7974.672	4.462738			1
+ 3.23	3.26	3.27	7689.194	4.30298			1
3.56	3.56	3.60	17137.08	8.003079			3
+ 3.56	3.59	3.60	4912.342	2.294082			3
+ 3.74	3.74	3.78	9386.075	3.978059			4
+ 3.74	3.76	3.78	2047.29	0.867694			4
3.74	3.77	3.78	19963.06	8.460857			4
3.78	3.81	3.82	12116	4.681181			5
3.91	3.93	3.95	70977.75	48.586411			6
Height Summation:			**128168.562**				
Amount Avg CF:			**14.838853**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0102.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 75% (61-152) Conc.: 22.57079
%SSR(DCB) : 101% (48-164) Conc.: 26.90471

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**117.92**	
2.92	2.95	2.96	89484.83	65.541848			1
+ 3.12	3.13	3.16	3777.814	2.175669			2
3.12	3.16	3.16	6461.439	3.721187			2
3.25	3.27	3.29	5816.458	3.388946			3
+ 3.40	3.42	3.44	9368.098	5.092814			4
* 3.44	3.44	3.48	15069.44	8.722278			5
* 3.40	3.44	3.44	15069.44	8.192255			4
+ 3.44	3.47	3.48	11001.27	6.367598			5
3.57	3.59	3.61	83477.27	58.660308			6
+ 3.57	3.61	3.61	51653.94	36.297737			6
Height Summation:			**215378.877**				
Amount Avg CF:			**24.70447**	Linear:			
Aroclor-1221					**3**	**61.73**	
2.80	2.82	2.84	7833.831	10.53419			1
2.86	2.87	2.90	23555.17	50.49688			2
2.92	2.95	2.96	89484.83	48.802531			3
Height Summation:			**120873.831**				
Amount Avg CF:			**36.6112**	Linear:			
Aroclor-1232					**6**	**127.32**	
2.92	2.95	2.96	89484.83	53.572309			1
+ 3.12	3.13	3.16	3777.814	4.309225			2
3.12	3.16	3.16	6461.439	7.370345			2
3.25	3.27	3.29	5816.458	6.85959			3
+ 3.40	3.42	3.44	9368.098	11.066678			4
* 3.44	3.44	3.48	15069.44	17.481105			5
* 3.40	3.44	3.44	15069.44	17.80176			4
+ 3.44	3.47	3.48	11001.27	12.761878			5
3.57	3.59	3.61	83477.27	139.522332			6
+ 3.57	3.61	3.61	51653.94	86.33342			6
Height Summation:			**215378.877**				
Amount Avg CF:			**40.434574**	Linear:			
Aroclor-1242					**6**	**116.42**	
2.92	2.95	2.96	89484.83	47.395365			1
+ 3.12	3.13	3.16	3777.814	2.46389			2
3.12	3.16	3.16	6461.439	4.21415			2
3.25	3.27	3.29	5816.458	2.592709			3
+ 3.40	3.42	3.44	9368.098	3.507389			4
* 3.44	3.44	3.48	15069.44	6.301699			5
* 3.40	3.44	3.44	15069.44	5.641956			4
+ 3.44	3.47	3.48	11001.27	4.600482			5
3.57	3.59	3.61	83477.27	46.40591			6
+ 3.57	3.61	3.61	51653.94	28.714979			6
Height Summation:			**215378.877**				
Amount Avg CF:			**18.758631**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202658** ACF DF5 -113W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.15 g Total Volume: 50 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0102.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**167.09**	
3.78	3.81	3.82	12116	13.135381			1
3.84	3.86	3.88	9808.547	9.996152			2
+ 3.84	3.88	3.88	6035.941	6.151388			2
3.91	3.93	3.95	70977.75	43.442495			3
4.03	4.06	4.07	27692.04	15.010173			4
4.12	4.15	4.16	40166.25	25.146713			5
4.30	4.31	4.34	496533.7	291.031			6
Height Summation:			**657294.287**				
Amount Avg CF:			**66.293652**	Linear:			
Aroclor-1254					**6**	**106.75**	
4.29	4.31	4.32	496533.7	269.904501			1
4.63	4.66	4.67	115933	59.421372			2
4.69	4.72	4.73	1061532	257.182875			3
4.91	4.93	4.95	536744.9	212.730035			4
5.11	5.13	5.15	1102244	763.505117			5
5.23	5.25	5.27	2895402	1526.728163			6
Height Summation:			**6208389.6**				
Amount Avg CF:			**514.91201**	Linear:			
Aroclor-1260					**6**	**10.52**	
4.82	4.84	4.86	2286182	773.78665			1
5.02	5.04	5.06	2583253	890.730037			2
5.23	5.25	5.27	2895402	1052.145755			3
5.45	5.47	5.49	1444120	906.206867			4
5.69	5.71	5.73	3896298	998.395063			5
5.89	5.91	5.93	2489595	975.489204			6
Height Summation:			**15594850**				
Amount Avg CF:			**932.792263**	Linear:			
Aroclor-1262					**6**	**32.55**	
5.29	5.31	5.33	1244916	526.550329			1
5.45	5.47	5.49	1444120	687.082589			2
5.69	5.71	5.73	3896298	844.854793			3
5.89	5.91	5.93	2489595	790.923849			4
5.95	5.97	5.99	448229.6	283.008363			5
6.31	6.33	6.35	871336.2	613.544898			6
Height Summation:			**10394494.8**				
Amount Avg CF:			**624.32747**	Linear:			
Aroclor-1268					**6**	**97.68**	
5.89	5.91	5.93	2489595	440.898645			1
5.95	5.97	5.99	448229.6	91.798067			2
6.08	6.10	6.12	49054.62	10.468639			3
+ 6.14	6.15	6.18	70579.34	57.368613			4
6.14	6.18	6.18	460301.8	374.144554			4
6.31	6.33	6.35	871336.2	603.419434			5
6.51	6.53	6.55	160360.7	16.872604			6
Height Summation:			**4478877.92**				
Amount Avg CF:			**256.26699**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0102.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**144.03**	
3.44	3.44	3.48	15069.44	19.044062			1
+ 3.44	3.47	3.48	11001.27	13.902897			1
3.51	3.53	3.55	14656.96	13.511803			2
3.55	3.57	3.59	69749.38	37.340083			3
3.67	3.69	3.71	37007.68	16.477909			4
+ 3.76	3.77	3.80	17141.18	11.037642			5
3.76	3.78	3.80	26842.4	17.284504			5
3.90	3.92	3.94	576779.5	195.245781			6
Height Summation:			**740105.36**				
Amount Avg CF:			**49.817357**	Linear:			
Aroclor-1254					**6**	**109.68**	
4.20	4.22	4.24	263874.1	112.634504			1
+ 4.26	4.26	4.30	229045.8	55.293936			2
+ 4.26	4.28	4.30	470568.4	113.599895			2
4.26	4.29	4.30	479845.9	115.839576			2
4.35	4.37	4.39	2453382	1260.905406			3
4.42	4.44	4.46	353761.6	138.26478			4
4.64	4.67	4.68	419223.1	232.731536			5
4.72	4.74	4.76	3398031	1190.60535			6
Height Summation:			**7368117.7**				
Amount Avg CF:			**508.496859**	Linear:			
Aroclor-1260					**6**	**11.57**	
4.35	4.37	4.39	2453382	810.928491			1
4.49	4.51	4.53	3020879	870.439328			2
4.60	4.61	4.64	2073202	738.783889			3
4.72	4.74	4.76	3398031	1003.436109			4
5.14	5.16	5.18	4277630	978.376716			5
5.40	5.42	5.44	2445996	944.711343			6
Height Summation:			**17669120**				
Amount Avg CF:			**891.112646**	Linear:			
Aroclor-1262					**6**	**29.79**	
4.76	4.78	4.80	1379008	416.471697			1
4.95	4.97	4.99	1725149	559.878947			2
5.14	5.16	5.18	4277630	752.390826			3
5.36	5.37	5.40	676187.6	328.840105			4
5.40	5.42	5.44	2445996	705.18707			5
5.78	5.80	5.82	771108.8	519.440018			6
Height Summation:			**11275079.4**				
Amount Avg CF:			**547.034777**	Linear:			
Aroclor-1268					**6**	**120.64**	
5.36	5.37	5.40	676187.6	114.774947			1
5.40	5.42	5.44	2445996	433.019572			2
5.56	5.57	5.60	69712.04	14.76146			3
5.62	5.64	5.66	29065.54	25.282686			4
5.78	5.80	5.82	771108.8	476.293408			5
5.98	6.00	6.02	154425.4	13.860066			6
Height Summation:			**4146495.38**				
Amount Avg CF:			**179.665356**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202658** ACF DF5 -113W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.15 g Total Volume: 50 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0102.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:59:51
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0102.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			251.2315	48.7685		23.71	4	40	
Aroclor-1221			251.2315	75.3695		** 81.77	3	40	
Aroclor-1232			251.2315	60.5911		8.94	4	40	
Aroclor-1242			251.2315	60.5911		23.33	4	40	
Aroclor-1248			251.2315	48.7685		28.38	4	40	
Aroclor-1254			251.2315	65.0246		1.25	4	40	
Aroclor-1260			251.2315	57.6355		4.57	4	40	
Aroclor-1262			251.2315	48.7685		13.20	4	40	
Aroclor-1268			251.2315	48.7685		35.14	4	40	

Units: ·ug/kg

LANCASTER LABORATORIES

Sample Number: 9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:59:51 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0102.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.591		33725	77359
1.642		42065	50828
1.667		34458	45300
1.695		37865	52849
1.72		30517	32937
1.746		33186	34118
1.773		11164	5862
1.799		49889	102749
1.846		21612	17013
1.876		12927	7144
1.895		26687	19961
1.92		11860	6374
1.946		29870	36782
1.985		28402	21158
2.004		27629	23984
2.031		22600	14380
2.069		42592	57668
2.09		31808	32761
2.119		36431	39857
2.157		31980	57389
2.176		53117	54624
2.201		80352	69939
2.215		44881	50322
2.241		28381	28914
2.269		31333	19539
2.292		33086	22025
2.323		10466	5377
2.346		17588	12233
2.381		25833	15725
2.412		17811	10194
2.461		56911	107207
2.497		23536	28594
2.516		32388	35093
2.549		29828	30326
2.586		24052	24913
2.606		17855	10673
2.625		9438	5457
2.638		12437	7913
2.677		13516	7494
2.693		24442	23450
2.721		18725	9164
2.737		9230	5755
2.76		6615	3133
2.774		20063	19385
2.806		29427	26004
2.823		3202	1347
2.842		19356	12234
2.856		9115	2874
2.875		23631	17192
2.897		6816	10202
2.961		32494	35806
2.976		10675	3499
3	TCX	1668231	1102981

RT A	Compound A	Height A	Area A
3.048		13251	11796
3.079		23953	27488
3.121		6331	7472
3.136		4438	1695
3.166		13072	6868
3.185		11474	11132
3.209		10830	4725
3.228		7766	3811
3.244		7975	5474
3.262		7689	4631
3.281		8315	4741
3.303		20957	14399
3.32		74597	41119
3.345		18616	14899
3.365		3208	1439
3.379		6636	2887
3.398		7683	3882
3.421		14547	12965
3.445		17756	12650
3.487		16422	23677
3.504		4393	1544
3.538		7836	5673
3.56		17137	19823
3.592		4912	2872
3.615		7413	5343
3.633		3161	1598
3.657		9072	6197
3.681		10365	7308
3.712		9688	10848
3.741		9386	6113
3.76		2047	724
3.775		19963	12442
3.805		12116	11962
3.838		1810	1830
3.86		9809	6047
3.877		6036	4530
3.905		16877	14971
3.93		70978	49493
3.957		18172	9679
3.967		9262	3362
3.981		20194	9912
4.003		10935	7788
4.057		27692	18783
4.08		15748	10974
4.113		28285	17215
4.148		40166	54009
4.188		5210	4439
4.222		22938	24451
4.251		21378	14803
4.274		42273	40902
4.31		496534	377914
4.355		156138	132955
4.422		165654	163042
4.465		718847	699907
4.5		219317	185783
4.54		22258	15377
4.563		26076	18179
4.604		234830	222588
4.656		115933	75252
4.673		257635	222627
4.718		1061532	890254
4.767		681650	540288
4.781		59692	31486
4.803		221162	147909
4.843		2286182	2083351
4.889		66499	55441

RT A	Compound A	Height A	Area A
4.93		536745	552348
4.964		29962	18494
4.991		518810	486326
5.043		2583253	3212419
5.095		443124	405155
5.134		1102244	1117345
5.176		56440	34198
5.214		264103	324782
5.247		2895403	2563459
5.27		128020	57509
5.289		56347	27927
5.313		1244916	1105254
5.355		860734	823634
5.45		405751	324326
5.474		1444120	1187113
5.53		878878	800148
5.568		561793	532687
5.609		75579	81609
5.651		471501	465911
5.681		27490	18011
5.708		3896298	3498008
5.732		22259	44207
5.794		4508	3361
5.811		5451	6166
5.851		3893	3027
5.911		2489595	2293513
5.941		185516	129490
5.967		448230	503740
6.077		35041	28753
6.101		49055	38007
6.132		1679	947
6.153		70579	54064
6.18		460302	423482
6.243		11071	10682
6.305		7173	4749
6.335		871336	835788
6.379		66345	59095
6.426		2274	1176
6.535		160361	151102
6.613		1306	623
6.652		2276	2046
6.682	DCB	812355	834452
6.746		1392	372
6.802		1437	517
6.841		1148	280
6.886		1764	1929
6.937		1947	1677
6.96		2150	1689
6.985		1805	1484
7.022		1915	713
7.07		1838	1752
7.212		2333	2168
7.239		1123	478
7.272		1940	999
7.376		2612	1658
7.511		1759	1546
7.529		2146	673
7.719		1186	3873
7.855		1779	1200
7.934		1939	814
7.992		1073	485
8.045		1280	471
8.096		7444	13359
8.192		1769	651
8.238		1605	720
8.42		1782	608

RT A	Compound A	Height A	Area A
8.465		1553	540
8.502		1395	360

LANCASTER LABORATORIES

Sample Number: 9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:59:51 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0102.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.51		10037	8523
1.527		12206	7969
1.565		12658	10769
1.589		6866	4429
1.614		8650	6210
1.645		6042	3787
1.664		4224	3008
1.684		11393	11161
1.713		6647	4619
1.747		14404	17938
1.77		16059	19111
1.805		13765	12797
1.829		8350	5702
1.845		8900	6307
1.87		13474	18713
1.911		64649	52336
1.939		13753	9236
1.959		43205	35430
1.993		28381	22017
2.042		17799	35195
2.059		11376	6191
2.086		7990	7478
2.104		9895	8185
2.137		6030	3629
2.15		13827	7447
2.169		4367	1882
2.2		14303	14569
2.225		8731	5455
2.247		4612	3037
2.267		14026	7871
2.301		2279	1019
2.345		14428	22204
2.401		26632	15976
2.45		3425	1867
2.468		6136	6880
2.498		6754	3343
2.525		7644	6274
2.58		35729	29701
2.629		3541	1917
2.652	TCX	1780618	1099830
2.713		4930	2114
2.74		15365	14675
2.766		4398	3194
2.797		2424	1060
2.822		7834	4559
2.847		5314	3085
2.87		23555	19187
2.906		5294	2591
2.948		89485	70882
2.986		10123	7080
3.008		10612	5771
3.043		9870	14141
3.078		5833	4206
3.108		5678	5193

3.128	3778	1508
3.156	6461	7980
3.218	7041	11567
3.266	5816	3292
3.302	11306	11280
3.347	3439	2192
3.362	9061	5280
3.391	8593	6344
3.423	9368	4443
3.443	15069	7807
3.472	11001	11368
3.532	14657	14327
3.566	69749	39802
3.589	83477	45003
3.607	51654	25997
3.638	5450	3467
3.692	37008	25549
3.715	17790	9747
3.736	34139	27737
3.768	17141	8959
3.783	26842	16447
3.823	13288	8717
3.866	30744	26504
3.916	576780	397679
3.942	60811	33995
3.962	95160	52265
3.982	147144	96144
4.017	717463	506642
4.049	212038	131040
4.066	81749	43695
4.089	29091	16140
4.129	36900	31257
4.163	164778	148807
4.184	17503	9927
4.22	263874	191691
4.263	229046	157054
4.281	470568	253527
4.294	479846	252515
4.319	395427	409971
4.373	2453382	1852795
4.412	76204	88887
4.443	353762	236711
4.468	660758	486251
4.51	3020879	2302531
4.614	2073202	2059469
4.666	419223	359886
4.706	731543	626413
4.742	3398031	2754134
4.775	1379008	970512
4.814	1007148	823360
4.872	3585	1477
4.885	8375	4406
4.914	246493	174053
4.93	50062	27242
4.965	1725149	1322036
4.989	399497	263020
5.04	997530	913700
5.075	530502	422270
5.105	350759	285259
5.137	142964	91070
5.159	4277631	3453467
5.2	90576	65617
5.232	137284	110325
5.271	5389	4034
5.296	6174	3622
5.329	2527	1853
5.351	34277	20850

5.374		676188	550628
5.418		2445996	2703267
5.573		69712	58790
5.619		76174	58484
5.642		29066	18278
5.665		33793	20904
5.692		404278	327122
5.731		4324	4348
5.771		7734	5239
5.799		771109	677407
5.83		46640	33822
5.999		154425	143382
6.158	DCB	870065	809952
6.194		4708	3164
6.332		1885	1455
6.362		8899	8315
6.426		1831	1085
6.497		1291	914
6.584		1513	1898
6.719		847	2958
6.84		1301	1305
7.07		7360	7525
7.232		1221	2338
7.625		9280	14262
8.033		1643	4278
8.194		3547	5062
8.294		8749	13707
8.518		5283	10042

9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082

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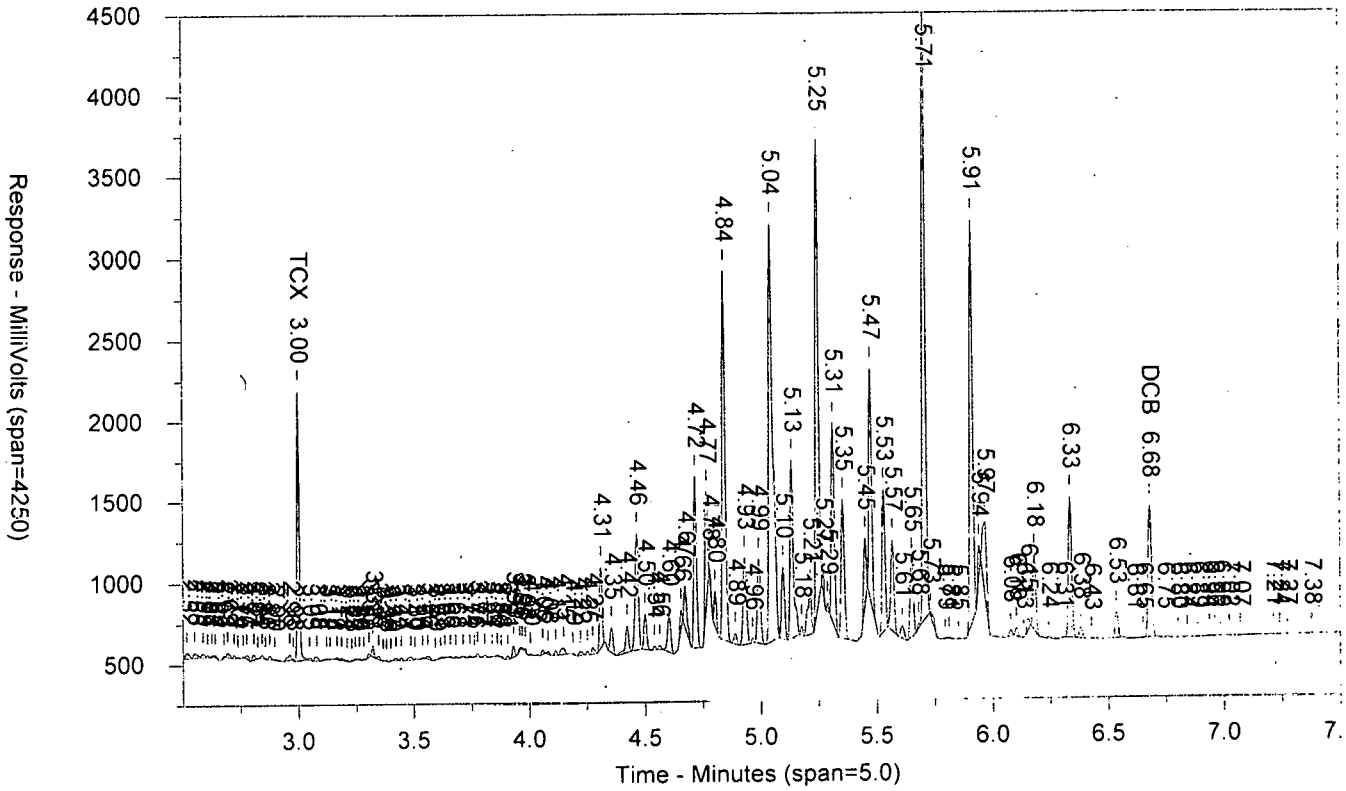

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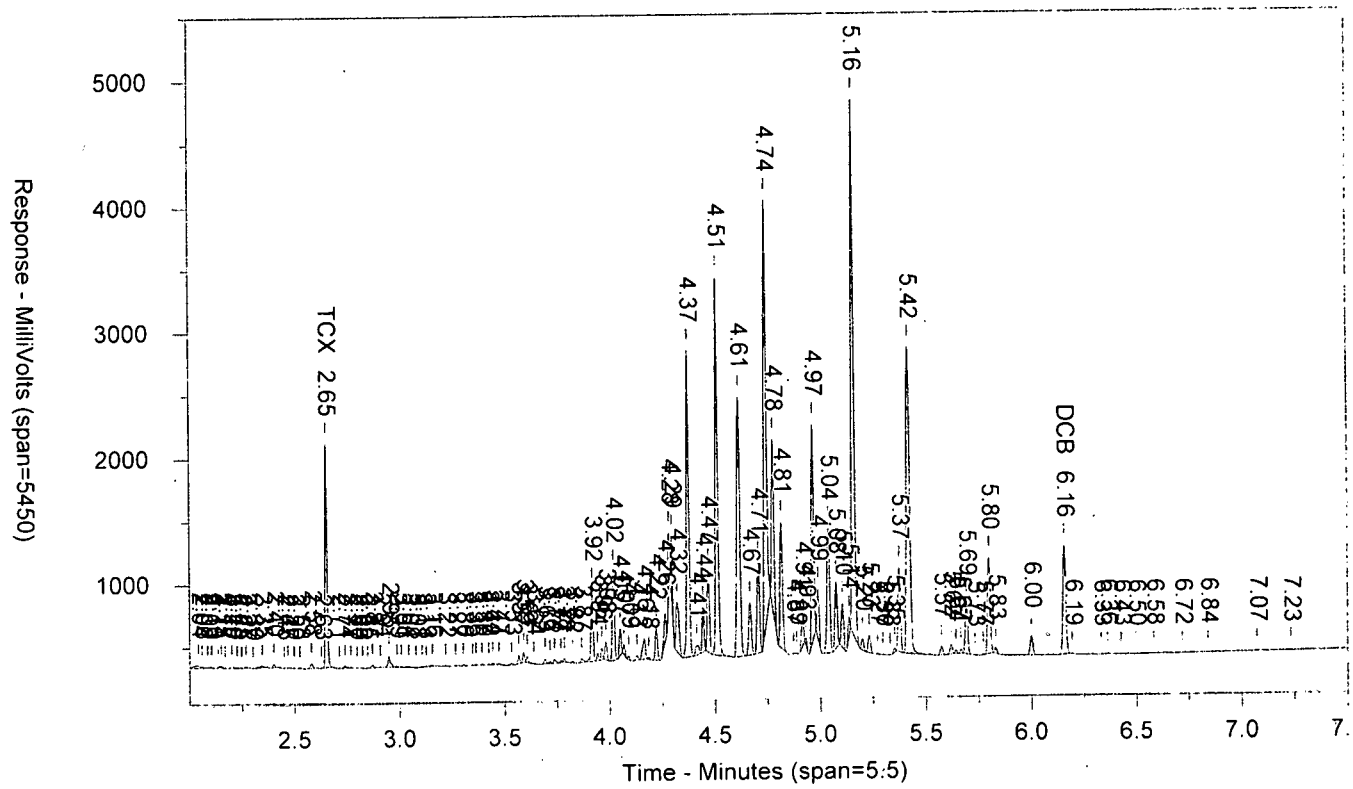

LANCASTER LABORATORIES

Sample Number: 9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:59:51 AM
Sample Weight: 10.15
Instrument ID: CP7-19843A
Dilution Factor: 50
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	1668231	21.712	TCX	2.652	1780618	22.571	TCX
6.682	812355	29.647	DCB	6.158	870065	26.905	DCB

Files:
Area File: 07pcbs17250008.0102.RAW
Area File: 07pcbs17250008B.0102.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 12:08:35 PM
File Reported On: 9/18/2017 at 12:08:50 PM

9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082

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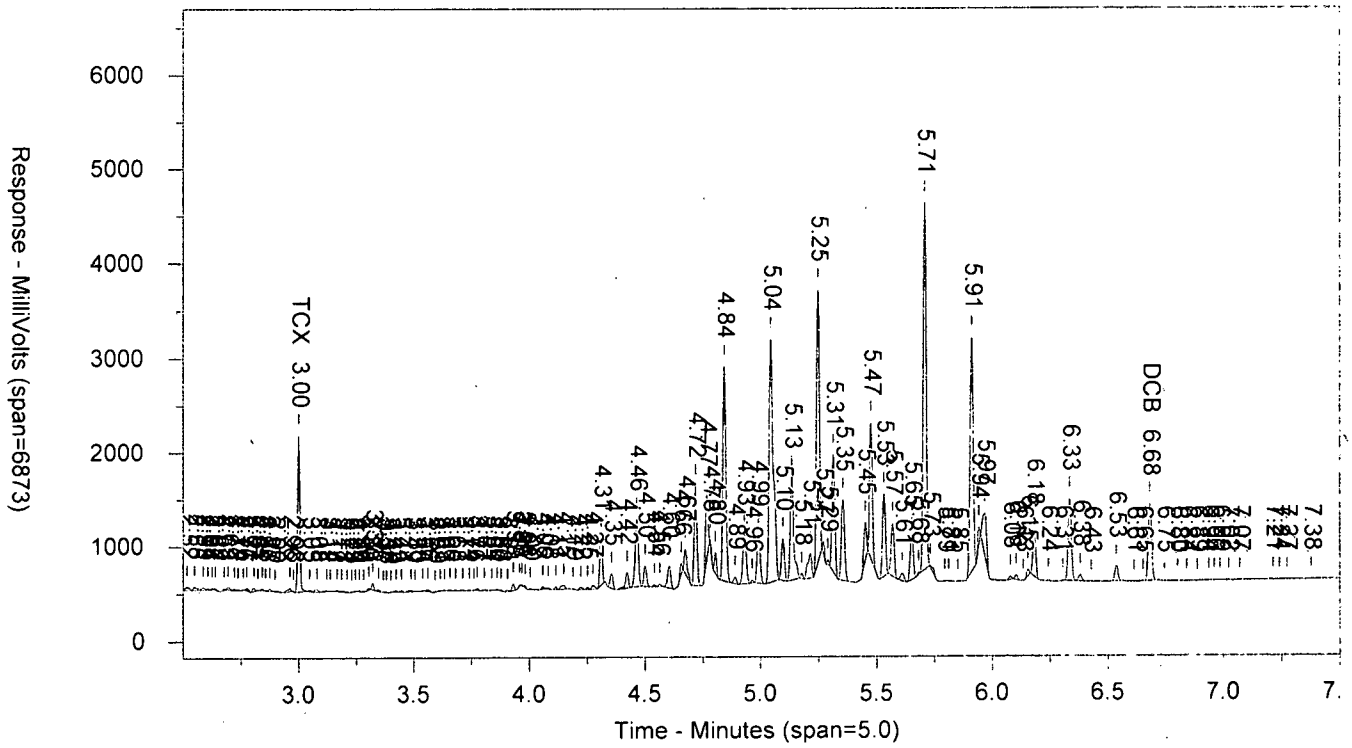

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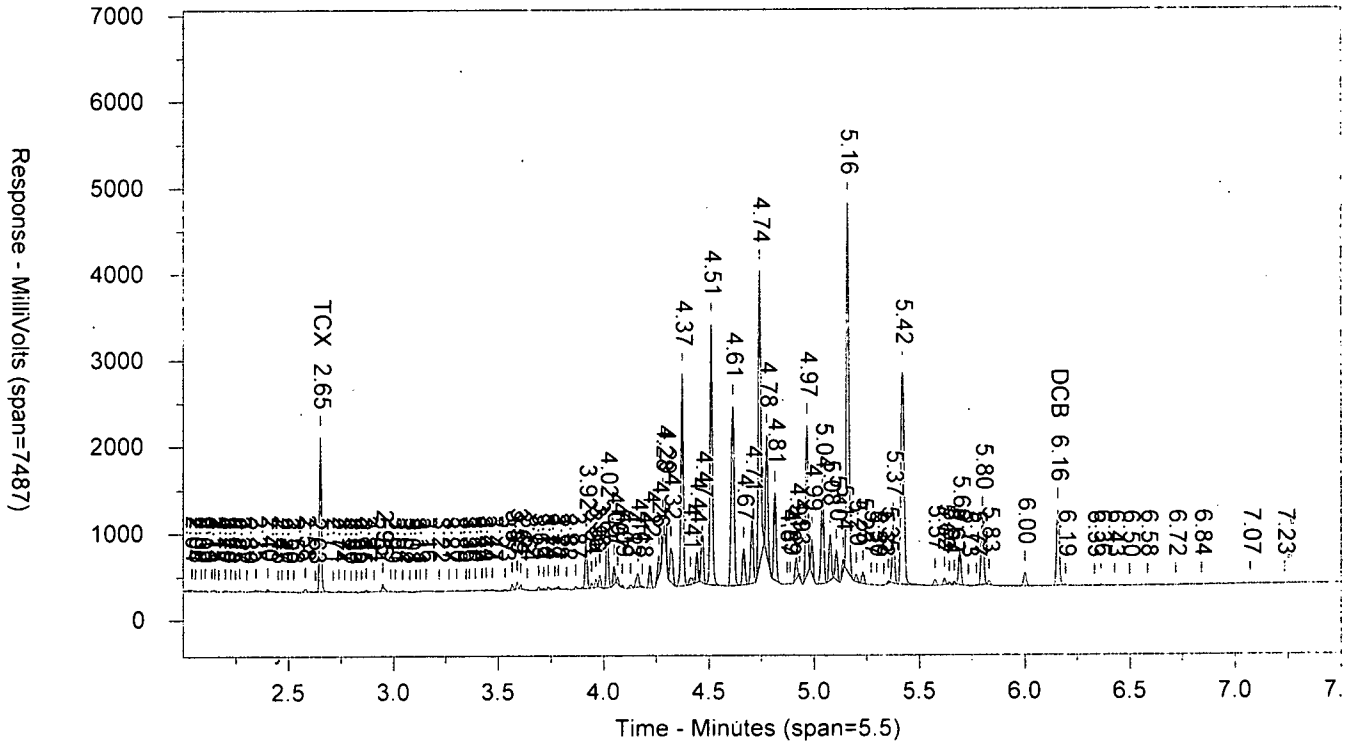

9202658 ACF DF5 AC-113W T 172560012A 10225 SW-846 8082

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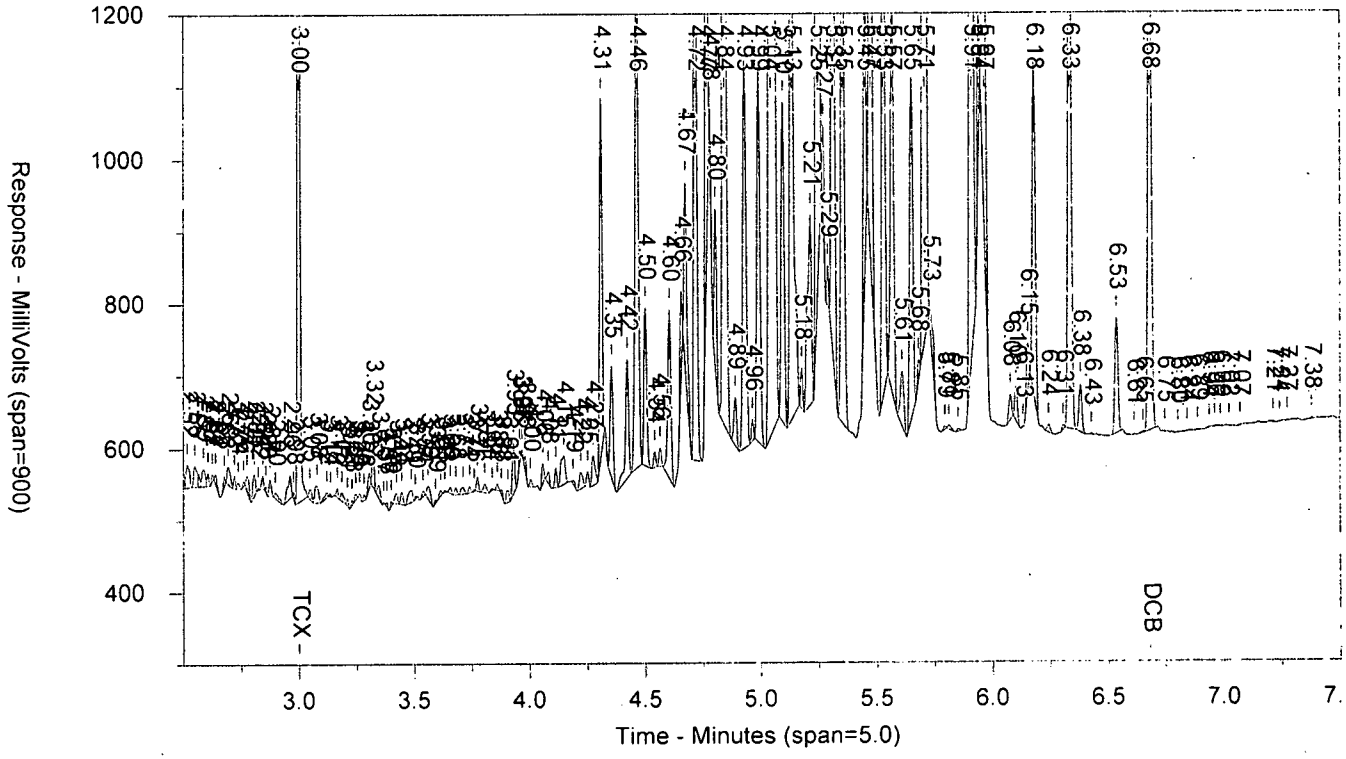

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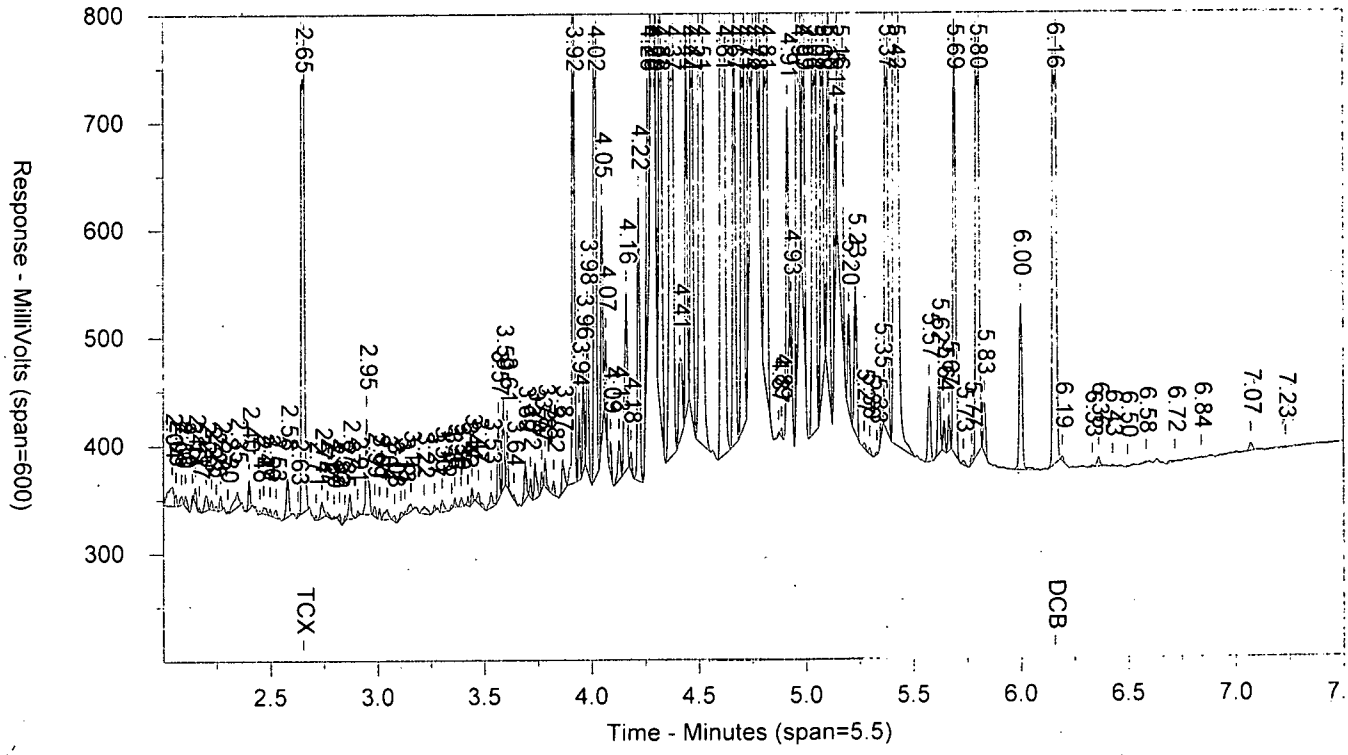

Standards Data

Polychlorinated Biphenyls (PCBs)

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP25\25pcbs17257002.seq

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Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Number of Entries: 81

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	
2 CONDITIONER	2	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	
3 CONDITIONER	3	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	
4 CONDITIONER	4	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	
5 IBLKX1724B	5	PIBLK	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725699999	10736
6 EVALX1724A	6	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
7 AR1611724B	7	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	1	1725699999	10736
8 AR1621724B	8	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	2	1725699999	10736
9 AR1631724B	9	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	3	1725699999	10736
10 AR1641724B	10	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	4	1725699999	10736
11 AR1651724B	11	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	5	1725699999	10736
12 AR1661724A	12	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	6	1725699999	10736
13 AR4811724C	13	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
14 AR4821724C	14	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
15 AR4831724C	15	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
16 AR4841724C	16	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
17 AR4851724C	17	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
18 AR4861724B	18	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
19 AR5411724B	19	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
20 AR5421724B	20	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
21 AR5431724B	21	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
22 AR5441724B	22	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
23 AR5451724B	23	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
24 AR5461724A	24	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
25 AR6231724A	25	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
26 AR6831724B	26	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
27 AR2131724A	27	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
28 AR3241724A	28	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
29 AR4231724A	29	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
30 AR16XX1724B	30	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
31 MD16X1724B	31	ICAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
32 IC16X1724C	32	CCAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
33 IC48X1724B	33	CCAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
34 IC54X1724A	34	CCAL	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
35 BLANKA 9/12/17 AF	35	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	172550010A	10227
36 LCSA 9/12/17 AF	36	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	172550010A	10227
37 LCSDA 9/12/17 AF	37	LCSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	172550010A	10227
38 9199740 AF	38	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	1060	10	1	0	172550010A	10227
39 9199741 AF	39	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	1048	10	1	0	172550010A	10227
40 BLANKA 9/13/17 AF	40	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560007A	10227
41 LCSA 9/13/17 AF	41	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560007A	10227
42 LCSDA 9/13/17 AF	42	LCSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560007A	10227
43 9197273 AF	43	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	242	2	1	0	172560007A	10227
44 9197274 AF	44	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	240	2	1	0	172560007A	10227
45 BLANKA 9/13/17 AF	45	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560008A	10591
46 LCSA 9/13/17 AF	46	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560008A	10591
47 LCSDA 9/13/17 AF	47	LCSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172560008A	10591
48 9200763 AF	48	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	247	2	1	0	172560008A	10591
49 BLANKA 9/11/17 ACF	49	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172540004A	10736
50 LCSA 9/11/17 ACF	50	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172540004A	10736

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP25\25pcbs17257002.seq

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Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Number of Entries: 81

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51 AR1641724B	51	CCAL	YV	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
52 IBLKX1724B	52	PIBLK	ZB	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725699999	10736
53 9198627 ACF DF50	53	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	500	1	0	172540004A	10736
54 9198631 ACF DF50	54	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.16	500	1	0	172540004A	10736
55 AR1641724B	55	CCAL	YW	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
56 IBLKX1724B	56	PIBLK	ZC	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725699999	10736
57 9199809 ACF	57	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	10	1	0	172540004A	10736
58 9199809 ACF DF5	58	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	50	1	0	172540004A	10736
59 9200176 ACF	59	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.46	10	1	0	172540004A	10736
60 9200176 ACF DF5	60	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.46	50	1	0	172540004A	10736
61 9200223 ACF	61	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.49	10	1	0	172540004A	10736
62 9200343 ACF	62	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.2	10	1	0	172540004A	10736
63 9200344 ACF DF5	63	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.1	50	1	0	172540004A	10736
64 9200346 ACF	64	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.19	10	1	0	172540004A	10736
65 9200347 ACF DF5	65	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.25	50	1	0	172540004A	10736
66 9200349 ACF	66	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.16	10	1	0	172540004A	10736
67 9200350 ACF	67	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.04	10	1	0	172540004A	10736
68 9200352 ACF	68	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.1	10	1	0	172540004A	10736
69 9200353 ACF	69	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.25	10	1	0	172540004A	10736
70 9200355 ACF	70	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.37	10	1	0	172540004A	10736
71 9200355 ACF DF5	71	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.37	50	1	0	172540004A	10736
72 9200356 ACF	72	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.45	10	1	0	172540004A	10736
73 9200358 ACF	73	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.2	10	1	0	172540004A	10736
74 9200361 ACF	74	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.31	10	1	0	172540004A	10736
75 9200362 ACF	75	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.33	10	1	0	172540004A	10736
76 9200363 ACF	76	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.02	10	1	0	172540004A	10736
77 9200363MS ACF	77	MS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.27	10	1	0	172540004A	10736
78 9200363MSD ACF	78	MSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.29	10	1	0	172540004A	10736
79 9200364 ACF	79	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.43	10	1	0	172540004A	10736
80 AR1641724B	80	CCAL	YX	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725699999	10736
81 IBLKX1724B	81	PIBLK	ZD	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725699999	10736

2301 9/14/17

Set-up by: 2855 Date: 14 Sept 17

9/14/2017

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250001.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 34

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	
2 CONDITIONER	2	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	
3 CONDITIONER	3	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	
4 CONDITIONER	4	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	
5 IBLKX1724A	5	PIBLK	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1724999999	10736
6 EVALX1724A	6	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
7 AR1611724B	7	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	1	1724999999	10736
8 AR1621724B	8	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	2	1724999999	10736
9 AR1631724B	9	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	3	1724999999	10736
10 AR1641724B	10	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	4	1724999999	10736
11 AR1651724B	11	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	5	1724999999	10736
12 AR1661724A	12	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	6	1724999999	10736
13 AR4811724C	13	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
14 AR4821724C	14	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
15 AR4831724C	15	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
16 AR4841724C	16	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
17 AR4851724C	17	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
18 AR4861724B	18	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
19 AR5411724B	19	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
20 AR5421724B	20	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
21 AR5431724B	21	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
22 AR5441724B	22	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
23 AR5451724B	23	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
24 AR5461724A	24	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
25 AR6231724A	25	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
26 AR6831724B	26	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
27 AR2131724A	27	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
28 AR3231724A	28	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
29 AR4231724A	29	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
30 AR16XX1724B	30	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
31 MD16X1724B	31	ICAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
32 IC16X1724C	32	CCAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
33 IC48X1724B	33	CCAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736
34 IC54X1724A	34	CCAL	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1724999999	10736

2304 9/7/17

Set-up by: 72855 Date: 7 Aug 17

9/7/2017

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP25\25PCBS17257004.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Number of Entries: 110

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
2 CONDITIONER	2	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
3 CONDITIONER	3	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
4 CONDITIONER	4	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
5 AR1641724B	5	CCAL	ZW	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
6 IBLKX1724B	6	PIBLK	AG	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
7 9198627 ACF	7	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	10	1	0	172540004A	10736
8 9198627 ACF DF5	8	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	50	1	0	172540004A	10736
9 9198627 ACF DF10	9	T	AE	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	100	1	0	172540004A	10736
10 9198631 ACF DF5	10	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	30.16	50	1	0	172540004A	10736
11 9198631 ACF DF10	11	T	AE	EPT-24\ACTIVE\CP25\25PCBS.MET	30.16	100	1	0	172540004A	10736
12 BLANKA 9/14/17 ACF	12	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172560036A	10885
13 LCSA 9/14/17 ACF	13	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172560036A	10885
14 AR1641724B	14	CCAL	ZX	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
15 IBLKX1724B	15	PIBLK	AH	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
16 9197671 ACF DF50	16	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.44	500	1	0	172560036A	10885
17 9197671MS ACF DF50	17	MS	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.1	500	1	0	172560036A	10885
18 9197671MSD ACF DF50	18	MSD	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.2	500	1	0	172560036A	10885
19 9197673 ACF	19	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.39	10	1	0	172560036A	10885
20 9197676 ACF	20	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.38	10	1	0	172560036A	10885
21 9197677 ACF	21	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.33	10	1	0	172560036A	10885
22 9197679 ACF	22	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.32	10	1	0	172560036A	10885
23 9197681 ACF	23	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.25	10	1	0	172560036A	10885
24 9199757 ACF	24	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.15	10	1	0	172560036A	10885
25 9199757 ACF DF5	25	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.15	50	1	0	172560036A	10885
26 AR1641724B	26	CCAL	ZY	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
27 IBLKX1724B	27	PIBLK	AI	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
28 9199759 ACF	28	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.09	10	1	0	172560036A	10885
29 9199761 ACF	29	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.41	10	1	0	172560036A	10885
30 AR1641724B	30	CCAL	ZZ	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
31 IBLKX1724B	31	PIBLK	AJ	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
32 9205491 ACF	32	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.37	10	1	0	172560036A	10885
33 CONDITIONER	33	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
34 BLANKA 9/15/17 AF	34	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172570044A	10227
35 LCSA 9/15/17 AF	35	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172570044A	10227
36 LCSDA 9/15/17 AF	36	LCSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172570044A	10227
37 9199076 RI AF	37	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	239	2	1	0	172570044A	10227
38 9200175 RI AF	38	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	240	2	1	0	172570044A	10227
39 9201389 RI AF	39	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	236	2	1	0	172570044A	10227
40 9202716 RI AF	40	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	240	2	1	0	172570044A	10227
41 9203911 RI AF	41	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	242	2	1	0	172570044A	10227
42 9203912 RI AF	42	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	235	2	1	0	172570044A	10227
43 9203913 RI AF	43	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	240	2	1	0	172570044A	10227
44 9203914 RI AF	44	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	236	2	1	0	172570044A	10227
45 9203915 RI AF	45	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	249	2	1	0	172570044A	10227
46 9203916 RI AF	46	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	247	2	1	0	172570044A	10227
47 9203917 RI AF	47	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	249	2	1	0	172570044A	10227
48 9203918 RI AF	48	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	237	2	1	0	172570044A	10227
49 BLANKA 9/15/17 CAF	49	BLK	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172580021A	10227
50 LCSA 9/15/17 CAF	50	LCS	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172580021A	10227

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP25\25PCBS17257004.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Number of Entries: 110

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 LCSDA 9/15/17 CAF	51	LCSD	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	250	2	1	0	172580021A	10227
52 AR1641724B	52	CCAL	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
53 IBLKX1724B	53	PIBLK	AL	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
54 9197694 CAF	54	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	100	2	1	0	172580021A	10227
55 9197694 CAF DF5	55	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	100	10	1	0	172580021A	10227
56 9197694 CAF DF10	56	T	AE	EPT-24\ACTIVE\CP25\25PCBS.MET	100	20	1	0	172580021A	10227
57 BLANKA 9/15/17 ACF	57	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172570033A	10736
58 LCSA 9/15/17 ACF	58	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30	10	1	0	172570033A	10736
59 9206469 RI ACF	59	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.44	10	1	0	172570033A	10736
60 9206470 RI ACF	60	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.31	10	1	0	172570033A	10736
61 9206470MS ACF	61	MS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.2	10	1	0	172570033A	10736
62 9206470MSD ACF	62	MSD	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.28	10	1	0	172570033A	10736
63 9206471 RI ACF	63	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.25	10	1	0	172570033A	10736
64 9206472 RI ACF	64	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.24	10	1	0	172570033A	10736
65 9206472 ACF DF5	65	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.24	50	1	0	172570033A	10736
66 9206473 ACF DF5	66	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.17	50	1	0	172570033A	10736
67 9206474 ACF DF5	67	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.3	50	1	0	172570033A	10736
68 CONDITIONER	68	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
69 9206474 ACF DF10	69	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	30.3	100	1	0	172570033A	10736
70 CONDITIONER	70	MISC	AA	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	
71 9206475 RI ACF	71	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.45	10	1	0	172570033A	10736
72 9206475 ACF DF5	72	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.45	50	1	0	172570033A	10736
73 9206476 RI ACF	73	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.34	10	1	0	172570033A	10736
74 AR1641724B	74	CCAL	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
75 IBLKX1724B	75	PIBLK	AM	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
76 9206477 RI ACF	76	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.3	10	1	0	172570033A	10736
77 9206478 RI ACF	77	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.27	10	1	0	172570033A	10736
78 9206478 ACF DF5	78	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	30.27	50	1	0	172570033A	10736
79 9206479 RI ACF	79	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.31	10	1	0	172570033A	10736
80 9206480 RI ACF	80	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.44	10	1	0	172570033A	10736
81 9206481 RI ACF	81	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.46	10	1	0	172570033A	10736
82 9206482 RI ACF	82	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.27	10	1	0	172570033A	10736
83 9206483 RI ACF	83	T	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	30.46	10	1	0	172570033A	10736
84 BLANKA 9/13/17 ACF	84	BLK	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	10	10	1	0	172560011A	10225
85 LCSA 9/13/17 ACF	85	LCS	AB	EPT-24\ACTIVE\CP25\25PCBS.MET	10	10	1	0	172560011A	10225
86 9202620 ACF DF500	86	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	10.33	5000	1	0	172560011A	10225
87 9202620 ACF DF1000	87	T	AE	EPT-24\ACTIVE\CP25\25PCBS.MET	10.33	10000	1	0	172560011A	10225
88 9202621 ACF DF100	88	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.21	1000	1	0	172560011A	10225
89 9202622 ACF DF100	89	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.26	1000	1	0	172560011A	10225
90 9202625 ACF DF500	90	T	AD	EPT-24\ACTIVE\CP25\25PCBS.MET	10.3	5000	1	0	172560011A	10225
91 9202626 ACF DF100	91	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.06	1000	1	0	172560011A	10225
92 9202627 ACF DF50	92	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.13	500	1	0	172560011A	10225
93 9202628 ACF DF100	93	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.32	1000	1	0	172560011A	10225
94 9202629 ACF DF10	94	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.2	100	1	0	172560011A	10225
95 9202630 ACF DF50	95	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.15	500	1	0	172560011A	10225
96 AR1641724B	96	CCAL	AE	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
97 IBLKX1724B	97	PIBLK	AN	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736
98 9202631 ACF DF100	98	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.35	1000	1	0	172560011A	10225
99 9202632 ACF DF100	99	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.3	1000	1	0	172560011A	10225
100 9202633 ACF DF100	100	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.07	1000	1	0	172560011A	10225

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CHROM PERFECT SEQUENCE FILE

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Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25

Number of Entries: 110

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101 9202634 ACF DF20	101	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.27	200	1	0	172560011A	10225
102 9202635MS ACF DF20	102	MS	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.33	200	1	0	172560011A	10225
103 9202636MSD ACF DF20	103	MSD	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.06	200	1	0	172560011A	10225
104 9202637 ACF DF50	104	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.27	500	1	0	172560011A	10225
105 9202639 ACF DF50	105	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.16	500	1	0	172560011A	10225
106 9202640 ACF DF50	106	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.2	500	1	0	172560011A	10225
107 9202641 ACF DF50	107	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.4	500	1	0	172560011A	10225
108 9202642 ACF DF50	108	T	AC	EPT-24\ACTIVE\CP25\25PCBS.MET	10.15	500	1	0	172560011A	10225
109 AR1641724B	109	CCAL	AF	EPT-24\ACTIVE\CP25\25PCBS.MET	1	1	1	0	1725999999	10736
110 IBLKX1724B	110	PIBLK	AO	EPT-24\ACTIVE\CP25\25PCBS.MET	1000	10	1	0	1725999999	10736

Set-up by: 2855 Date: 17Sep17

9/17/2017

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250008.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 105

	Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1	CONDITIONER	1	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	
2	CONDITIONER	2	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	
3	CONDITIONER	3	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	
4	CONDITIONER	4	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	
5	AR1641724B	5	CCAL	ZQ	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
6	IBLKX1724B	6	PIBLK	ZZ	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736
7	BLANKA 9/16/17 CAF	7	BLK	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30	10	1	0	172590001A	10592
8	LCSA 9/16/17 CAF	8	LCS	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30	10	1	0	172590001A	10592
9	9211608 RI CAF	9	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.27	10	1	0	172590001A	10592
10	9211608 CAF DF5	10	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.27	50	1	0	172590001A	10592
11	9211609 RI CAF	11	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.04	10	1	0	172590001A	10592
12	9211609 CAF DF5	12	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.04	50	1	0	172590001A	10592
13	9211609MS CAF	13	MS	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.36	10	1	0	172590001A	10592
14	9211609MS CAF DF5	14	MS	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.36	50	1	0	172590001A	10592
15	9211609MSD CAF	15	MSD	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.02	10	1	0	172590001A	10592
16	9211609MSD CAF DF5	16	MSD	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	30.02	50	1	0	172590001A	10592
17	BLANKA 9/16/17 ACF	17	BLK	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172590002A	10225
18	LCSA 9/16/17 ACF	18	LCS	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172590002A	10225
19	9211796 ACF DF50	19	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.19	500	1	0	172590002A	10225
20	9211796MS ACF DF50	20	MS	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.1	500	1	0	172590002A	10225
21	9211796MSD ACF DF50	21	MSD	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.09	500	1	0	172590002A	10225
22	9211797 ACF DF5	22	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	50	1	0	172590002A	10225
23	9211797 ACF DF10	23	T	AF	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	100	1	0	172590002A	10225
24	BLANKA 9/10/17 ACF	24	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172510039A	10225
25	LCSA 9/10/17 ACF	25	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172510039A	10225
26	AR1641724B	26	CCAL	ZR	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
27	IBLKX1724B	27	PIBLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736
28	9197259 ACF DF20	28	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.05	200	1	0	172510039A	10225
29	9197260 ACF DF50	29	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.33	500	1	0	172510039A	10225
30	9197261 ACF DF50	30	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.37	500	1	0	172510039A	10225
31	9197262 ACF DF50	31	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.25	500	1	0	172510039A	10225
32	9197263 ACF DF20	32	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.47	200	1	0	172510039A	10225
33	9197264 ACF DF50	33	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.23	500	1	0	172510039A	10225
34	9197265 ACF DF20	34	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.11	200	1	0	172510039A	10225
35	9197266 ACF DF20	35	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.08	200	1	0	172510039A	10225
36	9197267 ACF DF10	36	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.37	100	1	0	172510039A	10225
37	9197268 ACF DF100	37	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.14	1000	1	0	172510039A	10225
38	9197269 ACF DF50	38	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.3	500	1	0	172510039A	10225
39	9197270 ACF DF20	39	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	200	1	0	172510039A	10225
40	9197271 ACF DF20	40	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.47	200	1	0	172510039A	10225
41	9197272 ACF DF50	41	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	500	1	0	172510039A	10225
42	9197275 ACF DF100	42	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.35	1000	1	0	172510039A	10225
43	9197276MS ACF DF100	43	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.3	1000	1	0	172510039A	10225
44	9197277MSD ACF DF100	44	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.17	1000	1	0	172510039A	10225
45	9197278 ACF DF100	45	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.09	1000	1	0	172510039A	10225
46	9197307 ACF DF50	46	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.02	500	1	0	172510039A	10225
47	9197308 ACF DF5	47	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.1	50	1	0	172510039A	10225
48	AR1641724B	48	CCAL	ZS	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
49	IBLKX1724B	49	PIBLK	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736
50	9197309 ACF DF5	50	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.05	50	1	0	172510039A	10225

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250008.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 105

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 9197310 ACF DF100	51	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.05	1000	1	0	172510039A	10225
52 BLANKA 9/13/17 ACF	52	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172550024A	10225
53 LCSA 9/13/17 ACF	53	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172550024A	10225
54 9200158 ACF DF10	54	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.07	100	1	0	172550024A	10225
55 9200159MS ACF DF10	55	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.39	100	1	0	172550024A	10225
56 9200160MSD ACF DF10	56	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.4	100	1	0	172550024A	10225
57 9200161 ACF DF10	57	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.34	100	1	0	172550024A	10225
58 9200172 ACF DF50	58	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.15	500	1	0	172550024A	10225
59 9200173 ACF DF50	59	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.38	500	1	0	172550024A	10225
60 9200174 ACF DF100	60	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.02	1000	1	0	172550024A	10225
61 9202597 ACF DF50	61	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.39	500	1	0	172550024A	10225
62 9202598 ACF DF200	62	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.16	2000	1	0	172550024A	10225
63 9202599 ACF DF5	63	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.2	50	1	0	172550024A	10225
64 9202600 ACF DF500	64	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.01	5000	1	0	172550024A	10225
65 9202601 ACF DF500	65	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.14	5000	1	0	172550024A	10225
66 9202602 ACF DF500	66	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.15	5000	1	0	172550024A	10225
67 9202602 ACF DF1000	67	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.15	10000	1	0	172550024A	10225
68 9202603 ACF DF100	68	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.26	1000	1	0	172550024A	10225
69 9202604 ACF DF2000	69	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	20000	1	0	172550024A	10225
70 AR1641724B	70	CCAL	ZT	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
71 IBLKX1724B	71	PIBLK	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736
72 9202604 ACF DF5000	72	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	50000	1	0	172550024A	10225
73 9202604 ACF DF10000	73	T	AF	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	100000	1	0	172550024A	10225
74 9202605 ACF DF50	74	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.27	500	1	0	172550024A	10225
75 9202606 ACF DF1000	75	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	10000	1	0	172550024A	10225
76 9202606 ACF DF2000	76	T	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	20000	1	0	172550024A	10225
77 9202606 ACF DF5000	77	T	AF	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	50000	1	0	172550024A	10225
78 9202607 ACF DF100	78	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.32	1000	1	0	172550024A	10225
79 9202608 ACF DF500	79	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.21	5000	1	0	172550024A	10225
80 9202609 ACF DF20	80	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.13	200	1	0	172550024A	10225
81 9202610 ACF DF200	81	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.2	2000	1	0	172550024A	10225
82 9202611 ACF DF100	82	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.34	1000	1	0	172550024A	10225
83 BLANKA 9/13/17 ACF	83	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560012A	10225
84 LCSA 9/13/17 ACF	84	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560012A	10225
85 9202643 ACF DF50	85	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.25	500	1	0	172560012A	10225
86 9202644 ACF DF20	86	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.08	200	1	0	172560012A	10225
87 9202645 ACF DF20	87	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.4	200	1	0	172560012A	10225
88 9202646 ACF DF20	88	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.35	200	1	0	172560012A	10225
89 9202647 ACF DF50	89	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.11	500	1	0	172560012A	10225
90 9202648 ACF DF50	90	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	500	1	0	172560012A	10225
91 9202649 ACF DF10	91	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.25	100	1	0	172560012A	10225
92 AR1641724B	92	CCAL	ZU	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
93 IBLKX1724B	93	PIBLK	AE	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736
94 9202650 ACF DF10	94	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.31	100	1	0	172560012A	10225
95 9202651 ACF DF10	95	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.09	100	1	0	172560012A	10225
96 9202652 ACF DF20	96	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.05	200	1	0	172560012A	10225
97 9202653 ACF DF10	97	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.25	100	1	0	172560012A	10225
98 9202654MS ACF DF10	98	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.18	100	1	0	172560012A	10225
99 9202655MSD ACF DF10	99	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.16	100	1	0	172560012A	10225
100 9202656 ACF DF50	100	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.09	500	1	0	172560012A	10225

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250008.seq

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Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 105

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
101 9202657 ACF DF20	101	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	5200005	200	1	0	172560012A	10225
102 9202658 ACF DF5	102	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.15	50	1	0	172560012A	10225
103 9202659 ACF DF100	103	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.2	1000	1	0	172560012A	10225
104 AR1641724B	104	CCAL	ZV	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1725999999	10736
105 IBLKX1724B	105	PIBLK	AF	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1725999999	10736

Shafinie Dowlatram
Specialist

SEP 1 8 2017

Set-up by: 2855 Date: M Sept 17

9/17/2017

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CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs1725010.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 84

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
1 CONDITIONER	1	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
2 CONDITIONER	2	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
3 CONDITIONER	3	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
4 CONDITIONER	4	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
5 AR1641724B	5	CCAL	BA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
6 IBLKX1724B	6	PIBLK	BW	)EPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736
7 BLANKA 9/13/17 RI ACF	7	BLK	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30	10	1	0	172550020A	10736
8 LCSA 9/13/17 ACF	8	LCS	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30	10	1	0	172550020A	10736
9 AR1641724B	9	CCAL	BB	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
10 IBLKX1724B	10	PIBLK	BX	)EPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736
11 9193844 RI ACF	11	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.41	10	1	0	172550020A	10736
12 9199688 RI ACF	12	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	5	10	1	0	172550020A	10736
13 9199689 RI ACF	13	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.21	10	1	0	172550020A	10736
14 9200061 RI ACF	14	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.22	10	1	0	172550020A	10736
15 9200062 RI ACF	15	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.08	10	1	0	172550020A	10736
16 9201387 RI ACF	16	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.49	10	1	0	172550020A	10736
17 9203372 ACF DF10	17	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.1	100	1	0	172550020A	10736
18 CONDITIONER	18	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
19 9203372 ACF DF20	19	T	AD	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.1	200	1	0	172550020A	10736
20 CONDITIONER	20	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
21 9203372 ACF DF50	21	T	AE	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.1	500	1	0	172550020A	10736
22 CONDITIONER	22	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
23 9203692 RI ACF	23	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30	10	1	0	172550020A	10736
24 9203692MS RI ACF	24	MS	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.2	10	1	0	172550020A	10736
25 9203692MSD RI ACF	25	MSD	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.1	10	1	0	172550020A	10736
26 9203693 RI ACF DF10	26	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.1	100	1	0	172550020A	10736
27 CONDITIONER	27	MISC	AA	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	
28 9203694 RI ACF	28	T	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	30.3	10	1	0	172550020A	10736
29 AR1641724B	29	CCAL	BC	)EPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
30 IBLKX1724B	30	PIBLK	BY	)EPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736
31 9202601 ACF DF100	31	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.14	1000	1	0	172550024A	10225
32 9202605 ACF DF5	32	T	AD	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.27	50	1	0	172550024A	10225
33 9202605 ACF DF10	33	T	AE	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.27	100	1	0	172550024A	10225
34 9202606 ACF DF100	34	T	AG	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.12	1000	1	0	172550024A	10225
35 9202606 ACF DF500	35	T	AH	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.12	5000	1	0	172550024A	10225
36 9202607 ACF DF20	36	T	AF	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.32	200	1	0	172550024A	10225
37 9202611 ACF DF20	37	T	AD	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.34	200	1	0	172550024A	10225
38 9202611 ACF DF50	38	T	AF	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.34	500	1	0	172550024A	10225
39 9202666 ACF DF10	39	T	AE	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.24	100	1	0	172560030A	10225
40 9202651 RI ACF DF10	40	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.09	100	1	0	172560012A	10225
41 BLANKA 9/13/17 RI ACF	41	BLK	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172550021A	10225
42 LCSA 9/13/17 ACF	42	LCS	AB	)EPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172550021A	10225
43 9200151 RI ACF DF50	43	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.15	500	1	0	172550021A	10225
44 9200152MS RI ACF DF50	44	MS	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.4	500	1	0	172550021A	10225
45 9200153MSD RI ACF DF50	45	MSD	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.11	500	1	0	172550021A	10225
46 9200154 RI ACF DF20	46	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.49	200	1	0	172550021A	10225
47 9200155 RI ACF DF50	47	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.33	500	1	0	172550021A	10225
48 9200156 RI ACF DF50	48	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.14	500	1	0	172550021A	10225
49 9200157 RI ACF DF50	49	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.35	500	1	0	172550021A	10225
50 9200162 RI ACF DF50	50	T	AC	)EPT-24\ACTIVE\CP7\07PCBS.MET	10.2	500	1	0	172550021A	10225

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs1725010.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 84

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 AR1641724B	51	CCAL	BD	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
52 IBLKX1724B	52	PIBLK	BZ	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736
53 9200166 RI ACF DF20	53	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	200	1	0	172550021A	10225
54 9200167 RI ACF DF20	54	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.02	200	1	0	172550021A	10225
55 9200168 RI ACF DF50	55	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.18	500	1	0	172550021A	10225
56 9200169 RI ACF DF50	56	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.36	500	1	0	172550021A	10225
57 9200170 RI ACF DF50	57	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.17	500	1	0	172550021A	10225
58 9200171 RI ACF DF50	58	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.48	500	1	0	172550021A	10225
59 BLANKA 9/12/17 RI ACF	59	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172540032A	10225
60 LCSA 9/12/17 ACF	60	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172540032A	10225
61 9200112 RI ACF DF10	61	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.08	100	1	0	172540032A	10225
62 9200113 RI ACF DF20	62	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.28	200	1	0	172540032A	10225
63 9200114 RI ACF DF50	63	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.44	500	1	0	172540032A	10225
64 9200115 RI ACF DF10	64	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.23	100	1	0	172540032A	10225
65 9200116 RI ACF DF20	65	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.4	200	1	0	172540032A	10225
66 9200117 RI ACF DF20	66	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.14	200	1	0	172540032A	10225
67 9200118 RI ACF DF20	67	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.18	200	1	0	172540032A	10225
68 9200119 RI ACF DF10	68	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.3	100	1	0	172540032A	10225
69 9200120 RI ACF DF10	69	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.23	100	1	0	172540032A	10225
70 9200121 RI ACF DF50	70	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.16	500	1	0	172540032A	10225
71 9200122MS RI ACF DF50	71	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.3	500	1	0	172540032A	10225
72 9200123MSD RI ACF DF50	72	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.05	500	1	0	172540032A	10225
73 AR1641724B	73	CCAL	BE	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
74 IBLKX1724B	74	PIBLK	CA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736
75 9200124 RI ACF DF50	75	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.49	500	1	0	172540032A	10225
76 9200125 RI ACF DF10	76	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.06	100	1	0	172540032A	10225
77 9200126 RI ACF DF20	77	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.43	200	1	0	172540032A	10225
78 9200127 RI ACF DF10	78	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.18	100	1	0	172540032A	10225
79 9200128 RI ACF DF10	79	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.03	100	1	0	172540032A	10225
80 9200129 RI ACF DF10	80	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	100	1	0	172540032A	10225
81 9200130 RI ACF DF20	81	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.26	200	1	0	172540032A	10225
82 9200131 RI ACF DF10	82	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.42	100	1	0	172540032A	10225
83 AR1641724B	83	CCAL	BF	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726199999	10736
84 IBLKX1724B	84	PIBLK	CB	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726199999	10736

2329 9/19/17

Set-up by: 2855

9/19/2017

Date: 19 sept 17

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AAPIBLKAA PIBLK1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:33:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.005.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6532	8098
2.112		6332	16456
2.259		11067	8250
2.357		18053	15390
2.397		1809	2902
2.463		370	216
2.517		4711	5322
2.616		671	495
2.691		376	518
2.763		240	187
2.805		19403	18454
2.871		447	206
2.921		3163	2794
2.959	TCX	2268307	1533072
3.053		653	889
3.155		29276	19795
3.234		412	317
3.286		8480	7097
3.363		558	518
3.412		635	837
3.466		544	407
3.533		1389	2252
3.597		1066	652
3.63		2791	2916
3.706		1230	2024
3.759		1212	1349
3.843		832	998
3.907		345	318
3.933		473	147
3.959		3419	3726
3.996		324	133
4.029		381	265
4.069		221	185
4.138		487	367
4.203		383	305
4.241		664	540
4.296		3918	5074
4.366		358	276
4.412		754	771
4.469		518	585
4.524		391	333
4.552		646	505
4.605		1387	1249
4.645		4253	5050
4.687		372	116
4.746		814	1236
4.878		586	737
4.914		4089	3497
4.936		1576	927
5.007		5063	6691
5.071		651	395
5.102		1572	1802
5.153		5536	5424
5.208		252	213

RT A	Compound A	Height A	Area A
5.234		574	473
5.317		175	562
5.357		5266	7233
5.403		514	328
5.414		440	163
5.477		398	252
5.524		360	558
5.558		6643	6911
5.682		12858	15859
5.759		390	146
5.798		450	634
5.82		409	261
5.926		601	1533
5.948		505	172
5.992		3798	5509
6.053		15512	15974
6.117		16810	21799
6.277		2976	4137
6.32		3823	4599
6.403		522	945
6.426		630	449
6.465		791	753
6.49		21193	20584
6.543		3011	3776
6.639	DCB	2022941	2167658
6.802		1566	1758
6.849		400	426
6.916		6687	12048
6.982		889	624

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AAPIBLKAA PIBLK1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:33:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.005.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.019		10624	20937
2.083		7309	4777
2.183		2801	3534
2.235		1938	3849
2.268		3184	6063
2.387		2378	4322
2.554		4536	4871
2.575		41428	34291
2.642	TCX	3471872	2052343
2.859		51093	31661
2.975		9533	6537
3.085		659	373
3.091		400	82
3.099		834	239
3.115		2561	1952
3.141		1436	760
3.162		800	764
3.178		835	228
3.188		1236	505
3.214		1550	947
3.299		1092	504
3.318		2218	1617
3.356		2043	1651
3.42		2401	4877
3.459		1545	1588
3.48		1855	1297
3.517		1472	2262
3.612		3619	9552
3.667		3988	11043
3.756		1757	2083
3.916		4202	5662
3.981		2182	3310
4.187		4589	10215
4.473		11738	21090
4.617		4521	3795
4.697		7616	9686
4.748		1987	2181
5.054		1967	3449
5.092		9331	8562
5.213		12651	12238
5.451		1137	10075
5.553		24567	24127
5.622		25466	23881
5.672		7980	7679
5.928		1901	6133
5.973		27657	24928
6.132	DCB	2772516	2643818
6.258		13027	39448
6.44		2822	5572
6.588		3654	6672
6.776		1358	8230

IBLKX1724B AAPIBLKAA PIBLK1725699999 10736 SW-846 8082

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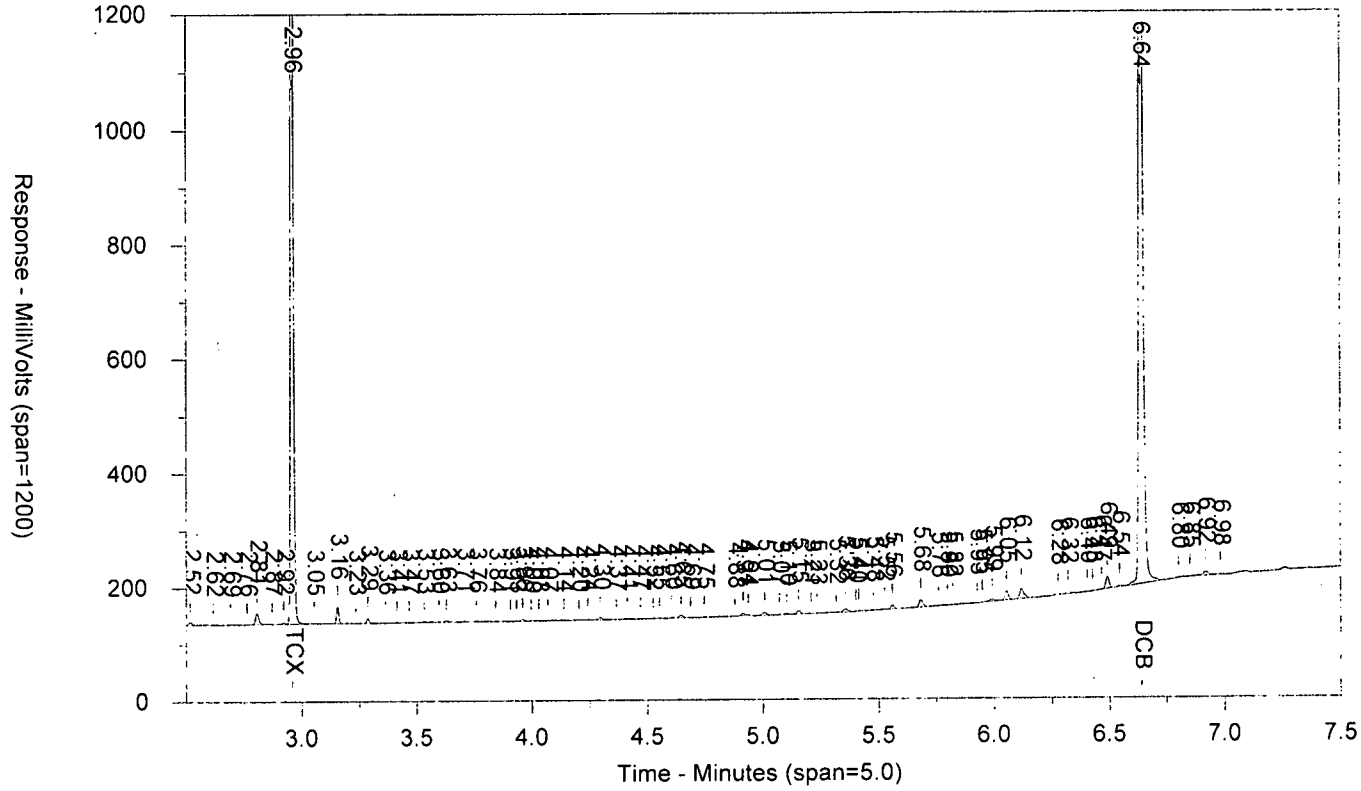

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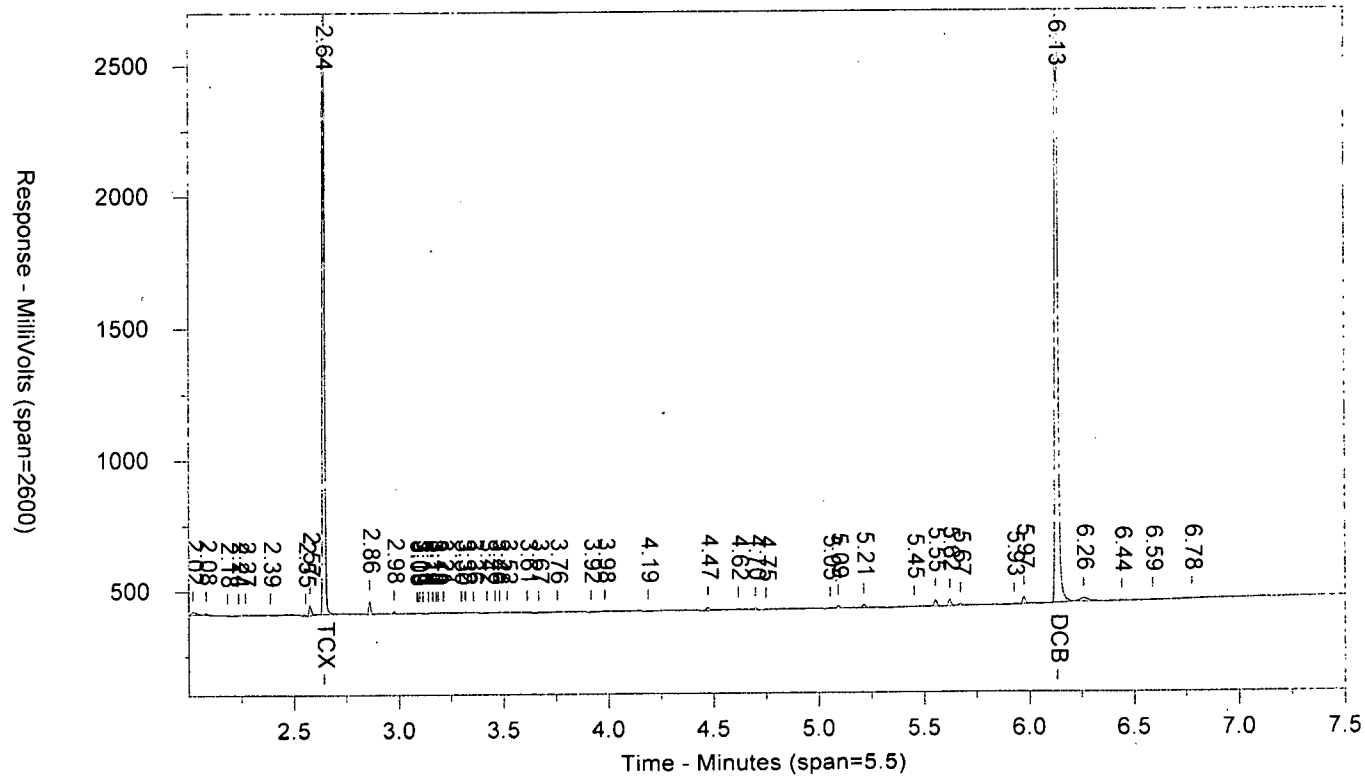

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AAPIBLKAA PIBLK1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:33:58 PM Sample Weight: 1000
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	2268307	.2	TCX	2.642	3471872	.194	TCX
6.639	2022941	.193	DCB	6.132	2772516	.179	DCB

Files:
Area File: 25pcbs17257002.005.RAW
Area File: 25pcbs17257002B.005.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 4:42:29 PM
File Reported On: 9/14/2017 at 4:42:41 PM

IBLKX1724B AAPIBLKAA PIBLK1725699999 10736 SW-846 8082

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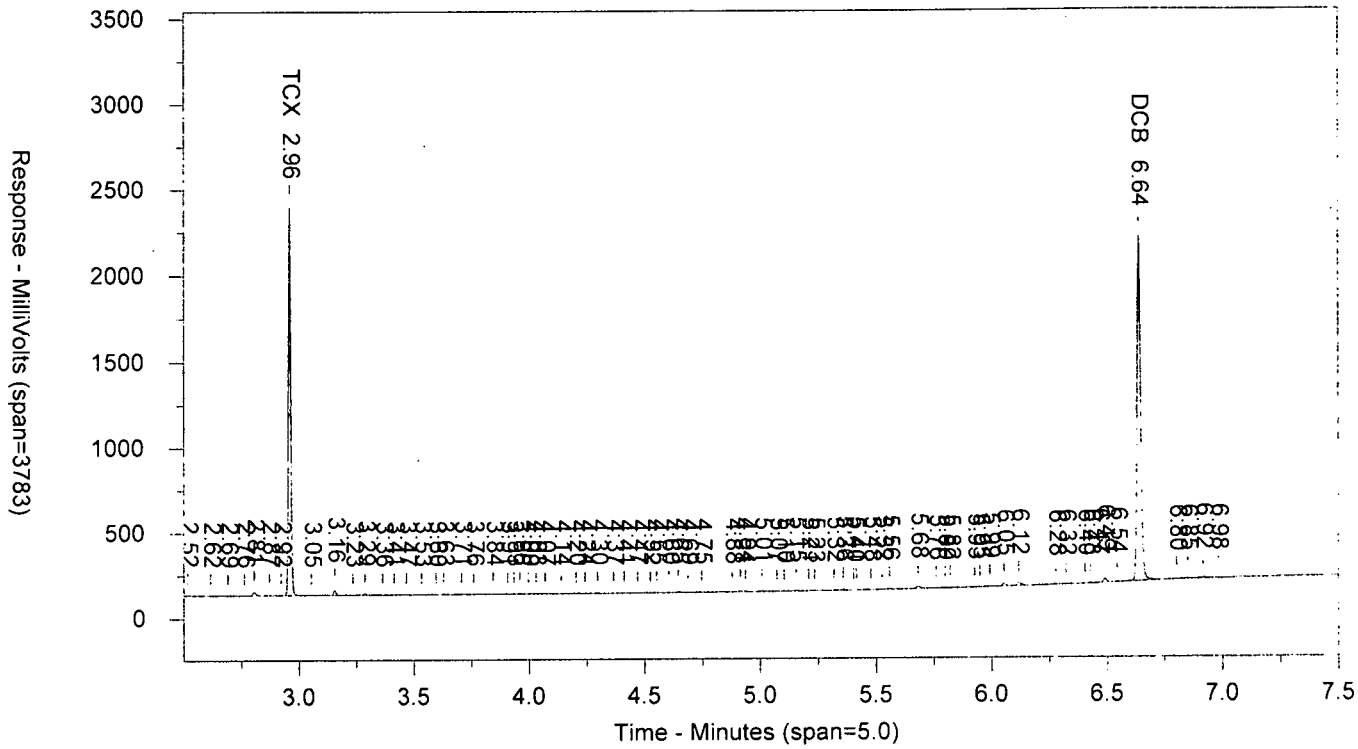

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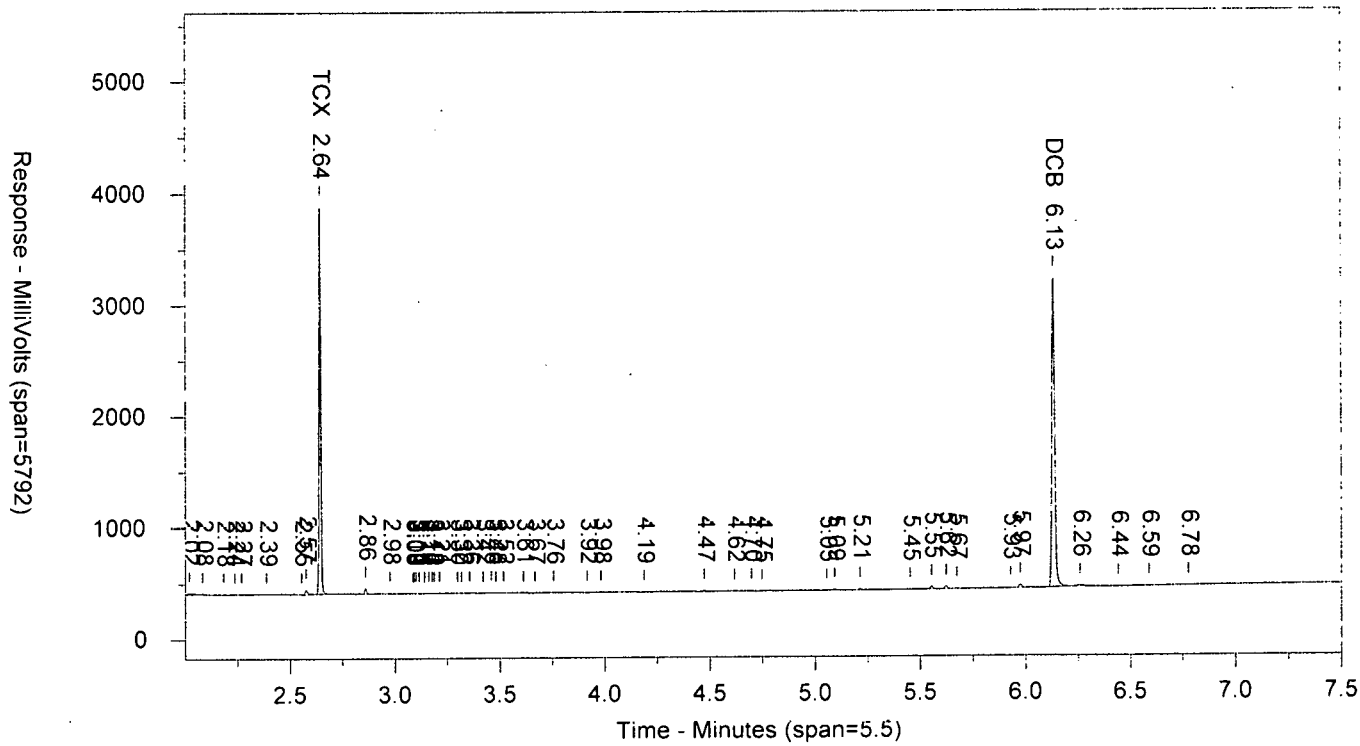

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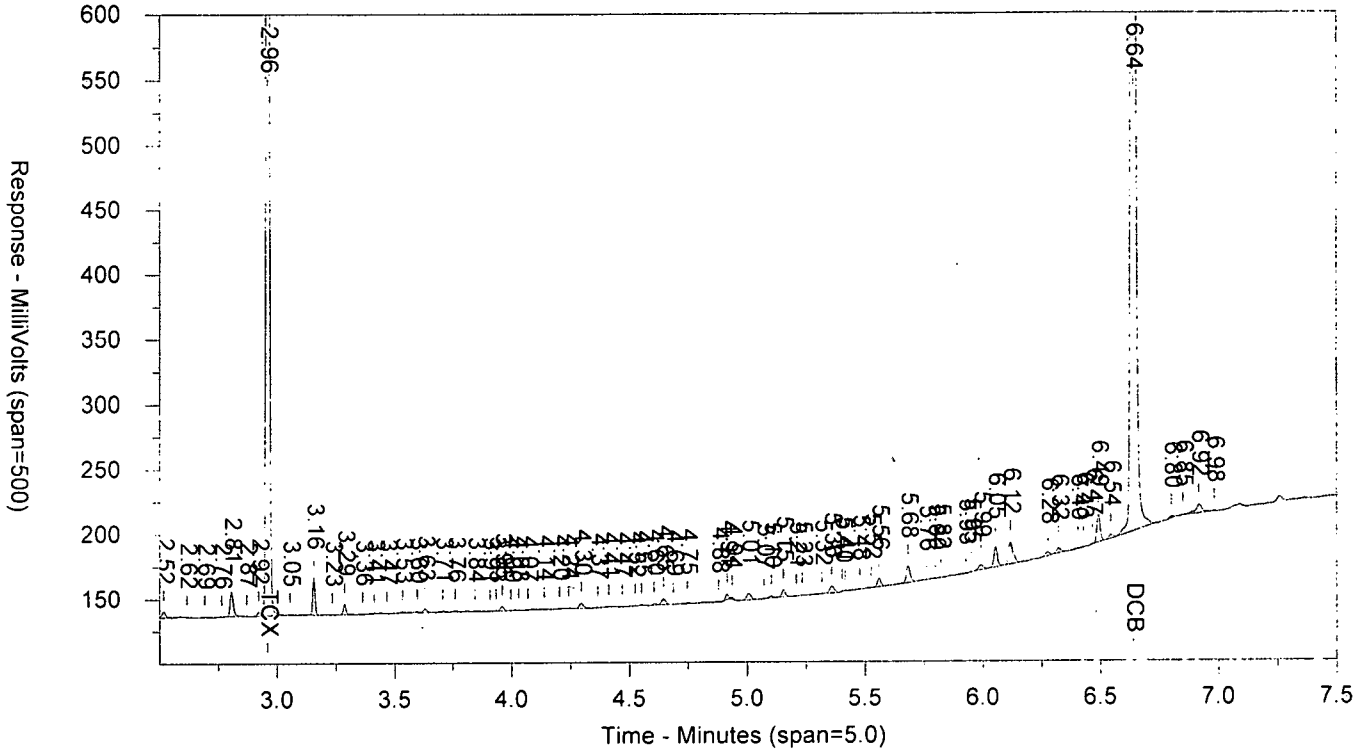

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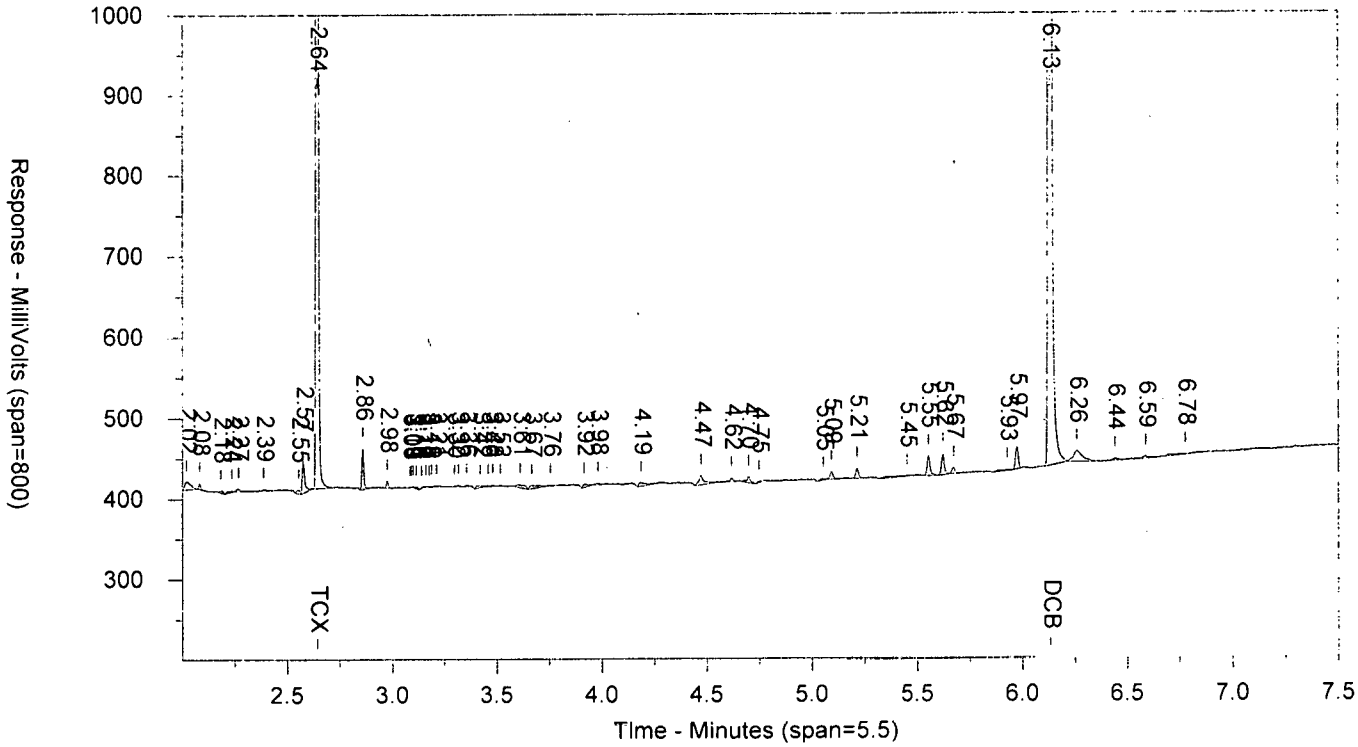

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:45:17 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.006.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.018		333	142
2.064		5821	8799
2.111		4709	7313
2.157		11539	7411
2.19		427	216
2.235		1555	949
2.26		10349	6693
2.363		87830	61038
2.393		1239	1954
2.532		118982	82046
2.569		1044	773
2.619		510	258
2.747		262	47
2.766		599	329
2.783		397	175
2.806		12572	11844
2.873		587	373
2.9		773	434
2.923		2374	1787
2.96	TCX	2245248	1514423
3.048		1125	1136
3.113		481	399
3.156		28529	19742
3.236		1473240	973761
3.287		7347	5338
3.337		1050	1195
3.399		476	343
3.433		788755	538779
3.469		2157	1743
3.516		763	440
3.544		441129	315412
3.598		911	514
3.631		4644	3954
3.658		3204	2089
3.69		1073	903
3.723		27837	20366
3.745		1097	534
3.76		1832	1147
3.785		1219	848
3.84		216453	172692
3.869		8302	5081
3.891		1218	948
3.959		3761	3432
4.005		394	468
4.03		9295	8043
4.064		1375	778
4.079		2347	1369
4.112		42295	39007
4.159		5034	5501
4.202		28123	23621
4.235		38688	26556
4.252		35134	22507
4.298		3313	3329
4.323		2966	2320

RT A	Compound A	Height A	Area A
4.378		19317	15411
4.412		702728	652299
4.532		32075	33901
4.565		5893	4348
4.58		13282	8394
4.606		52539	43276
4.646		3449	3373
4.677		6717	5558
4.73		329667	327925
4.804		3093	2253
4.831		568176	556528
4.871		2571253	2441918
4.922		51972	42781
4.975		616230	599702
5.055		180954	194366
5.125		323784	339866
5.211		186462	185163
5.289		19905	24093
5.363		4274	6630
5.428		785494	808386
5.492		60509	55492
5.52		8216	6320
5.569		178574	182250
5.612		154591	127376
5.632		4761	1894
5.651		359421	316518
5.68		4657	3352
5.759		472	252
5.777		454	194
5.831		516	466
5.898		1328	1143
5.925		781	499
5.991		2961	4257
6.052		16823	16702
6.117		17240	21277
6.182		571	436
6.277		2327	3021
6.322		3762	4467
6.374		754	716
6.422		921	1187
6.456		735	317
6.49		21062	21939
6.547		2659	3317
6.596		1134	718
6.64	DCB	2138441	2216369
6.737		473	119
6.773		787	488
6.808		1197	1507
6.828		715	228
6.88		318	758
6.919		6383	9006
6.956		702	446
6.983		965	867

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:45:17 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.006.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		8657	16944
2.083		7288	4204
2.145		1255	1353
2.182		141027	82834
2.234		4215	5525
2.262		3257	5954
2.349		194918	114517
2.395		2808	2481
2.547		11152	8295
2.575		33335	43498
2.642	TCX	3573730	2030290
2.731		2902	4074
2.806		1271	954
2.86		50614	32608
2.914		2399	2966
2.987		2105775	1193709
3.078		839	277
3.108		3126	3108
3.13		714	130
3.141		3129	1534
3.158		424	70
3.169		667	121
3.178		588	203
3.196		1151858	661524
3.297		3055	2011
3.319		1621	681
3.336		4981	2867
3.358		3207	1411
3.376		637151	391524
3.427		3441	2608
3.459		2642	1248
3.479		2512	1161
3.5		359188	239348
3.531		14748	8390
3.575		7747	6648
3.662		2062	1154
3.701		2531	3258
3.791		34075	18361
3.808		53175	39097
3.842		11743	7480
3.869		73468	46405
3.888		72313	44675
3.922		8875	10878
3.983		3926	9734
4.023		1004787	782631
4.123		43066	32151
4.155		41865	26029
4.179		61465	68102
4.222		26935	22185
4.276		31951	35005
4.338		5341	5438
4.399		433274	363878
4.458		3489739	2931451
4.499		86038	63818

RT B	Compound B	Height B	Area B
4.552		905856	766629
4.594		9487	6066
4.616		7711	6502
4.663		51057	44033
4.692		14839	12328
4.729		263409	227517
4.79		428434	354042
4.823		206519	161689
4.902		29216	26442
4.938		6925	4962
4.971		5849	5538
5.057		928100	964014
5.159		249838	224634
5.214		5287	3156
5.234		69564	58333
5.289		16569	23156
5.336		734049	653521
5.392		116268	97407
5.553		24258	24820
5.621		24831	23552
5.671		6134	5251
5.699		3119	3146
5.895		1222	2559
5.974		29601	25804
6.132	DCB	2919737	2753148
6.259		13324	38317
6.585		3343	2794
6.753		2634	12168
6.938		2175	19326

EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082

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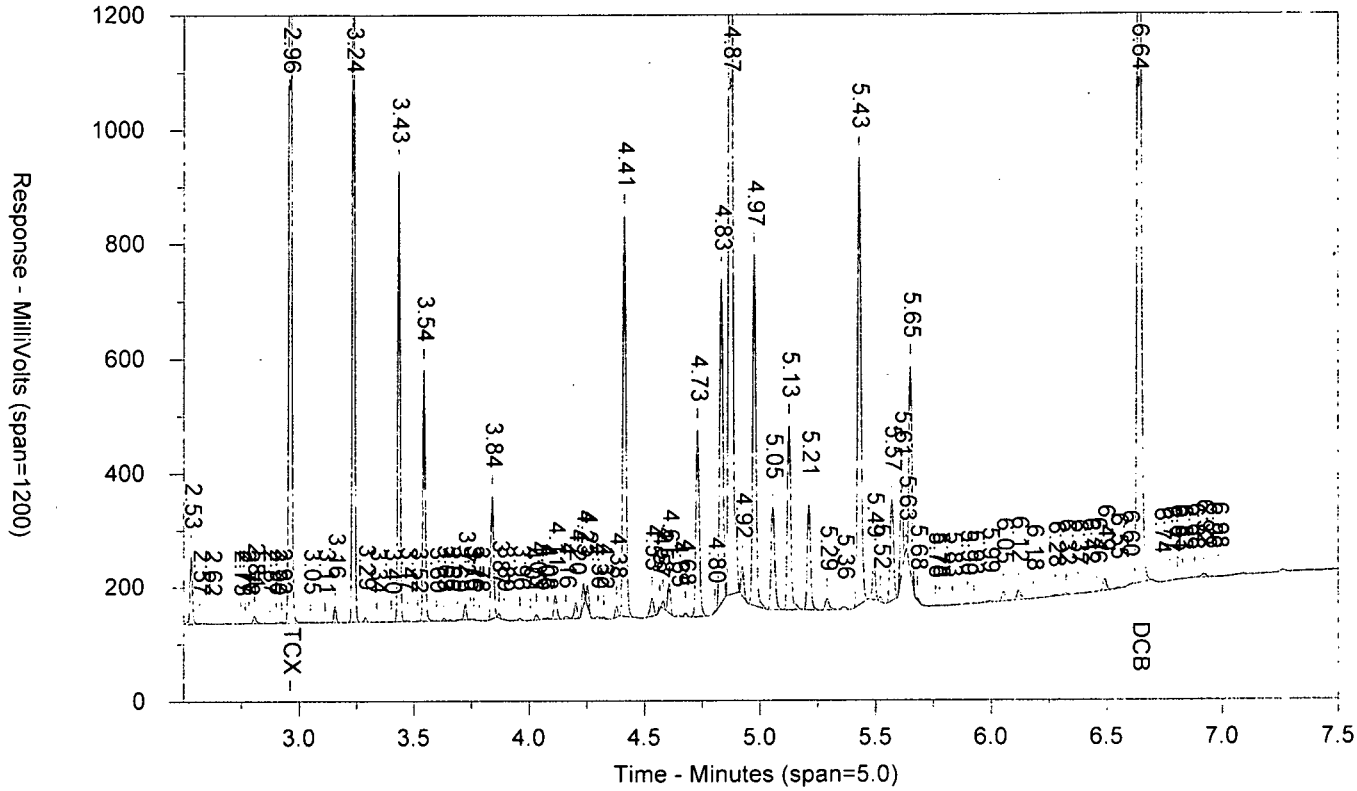

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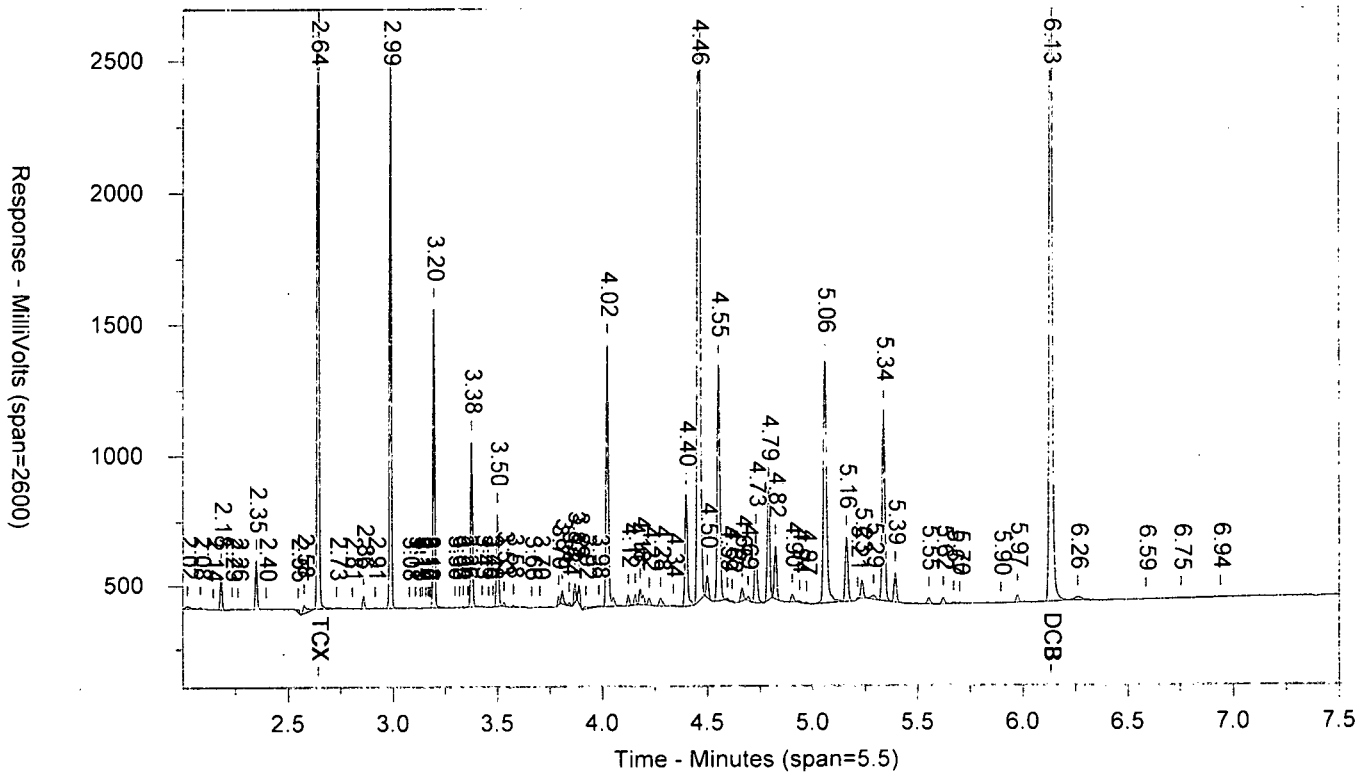

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:45:17 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	2245248	19.762	TCX	2.642	3573730	19.994	TCX
6.64	2138441	20.375	DCB	6.132	2919737	18.826	DCB

Files:
Area File: 25pcbs17257002.006.RAW
Area File: 25pcbs17257002B.006.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 4:53:48 PM
File Reported On: 9/14/2017 at 4:53:57 PM

EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082

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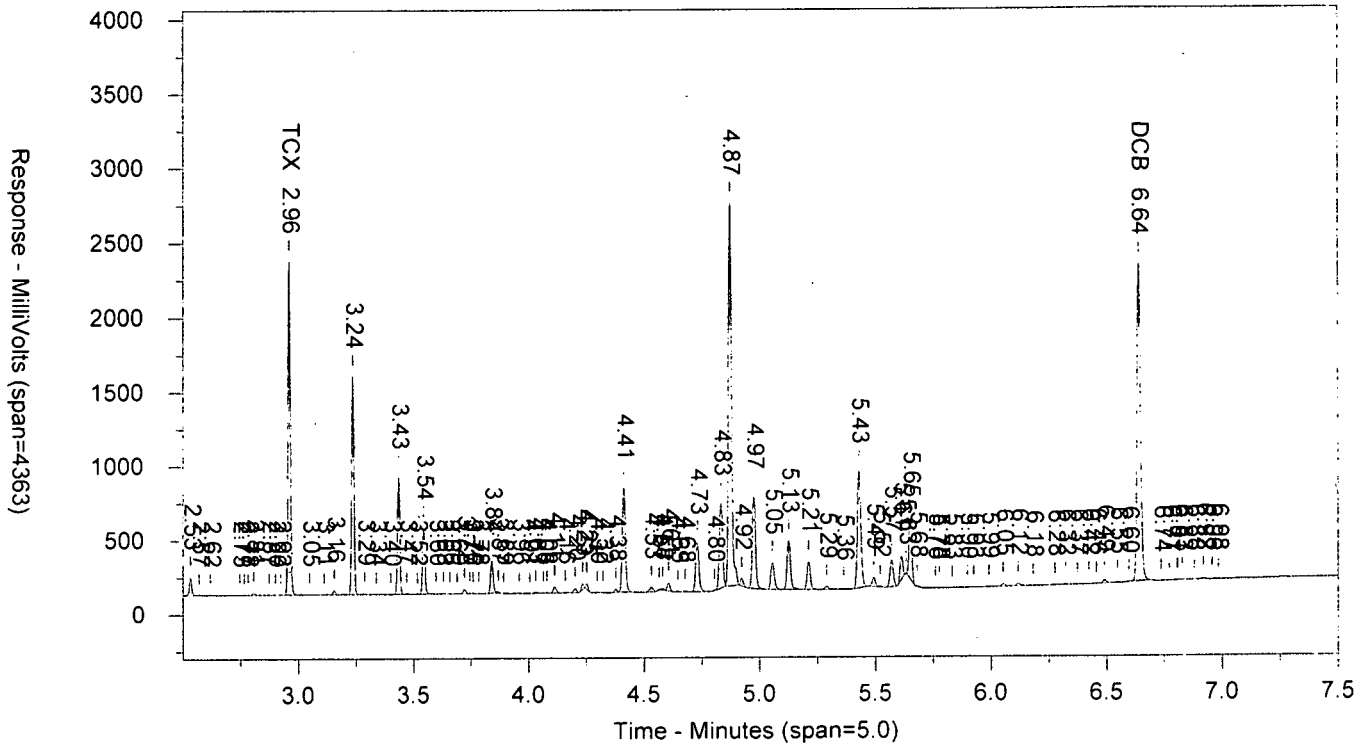

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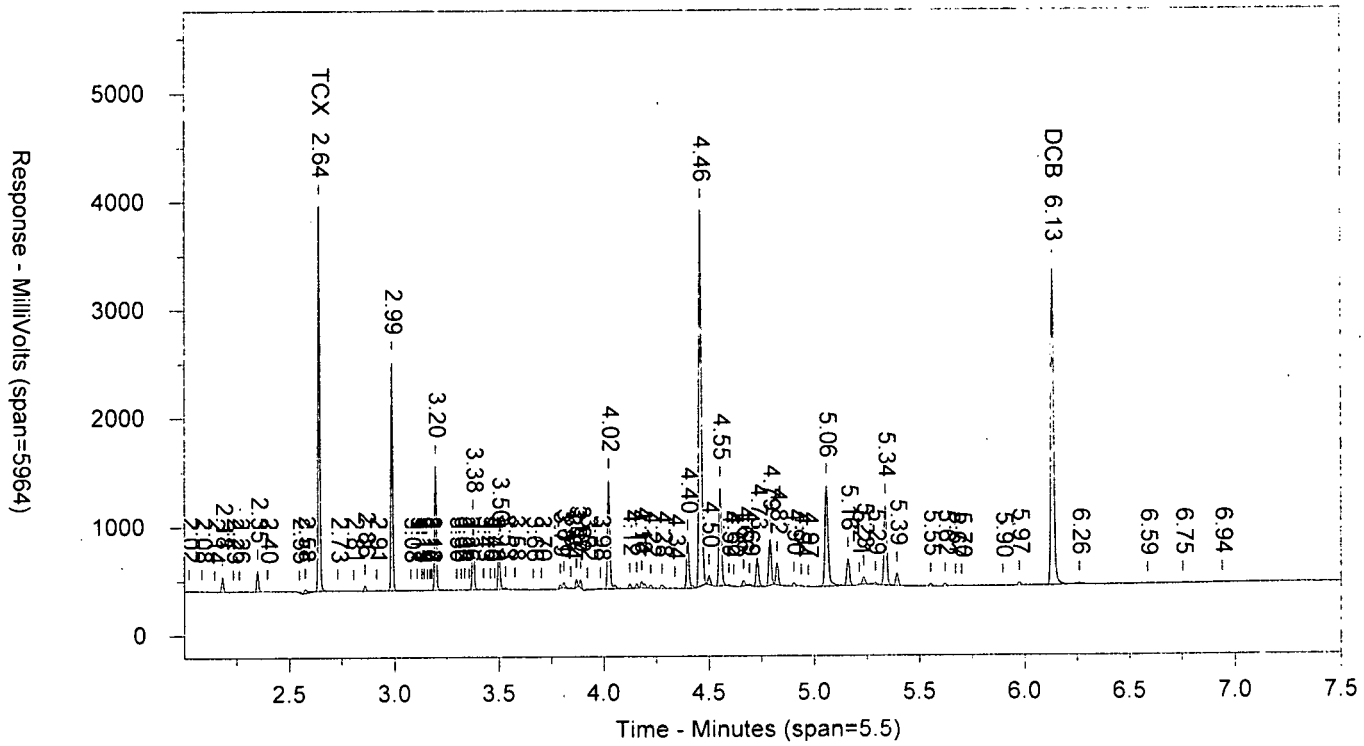

EVALX1724A AAEVALXAA ICAL 1725699999 10736 SW-846 8082

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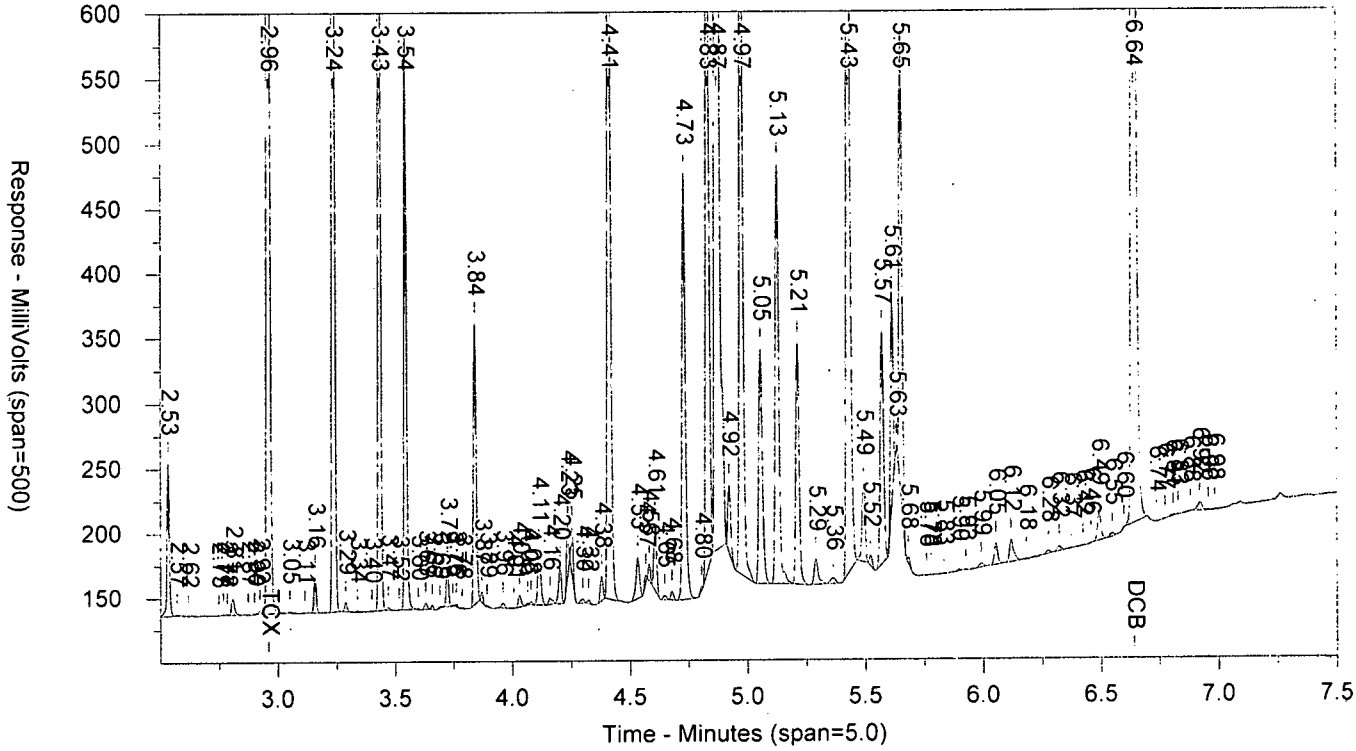

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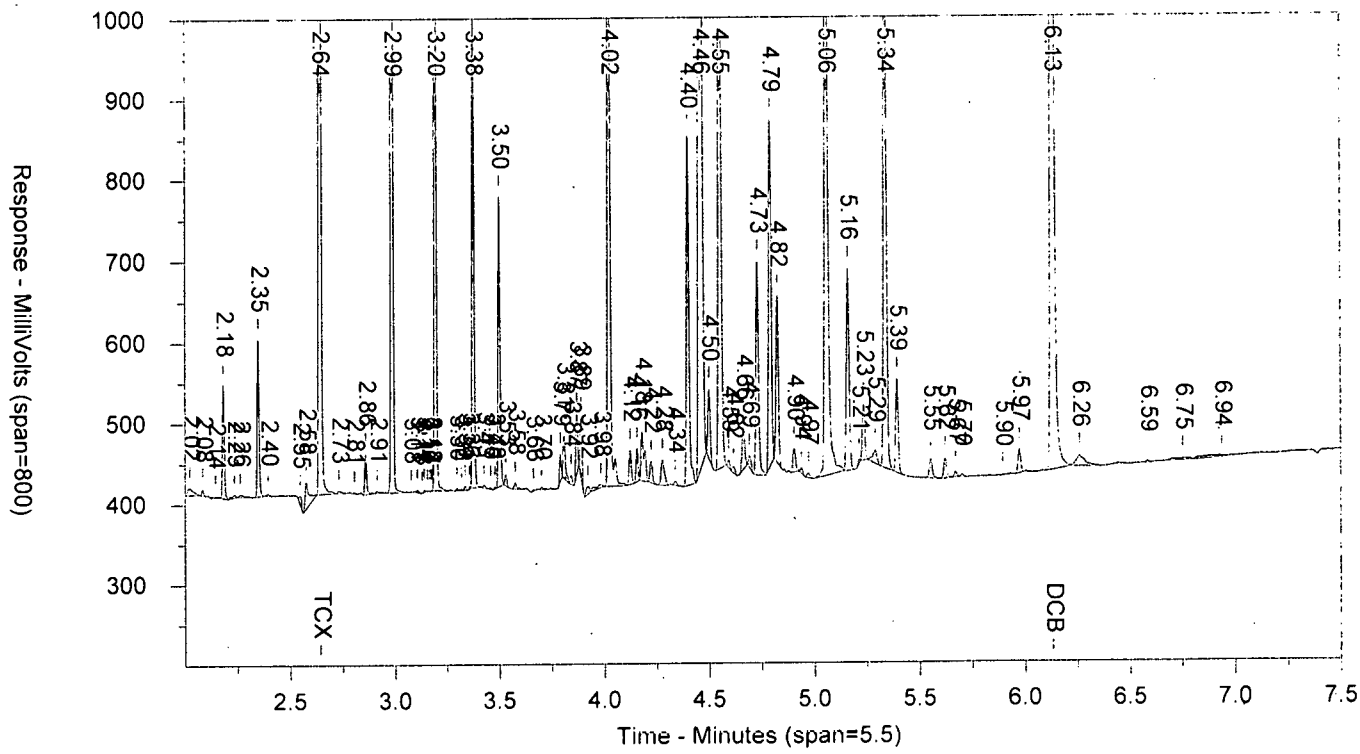

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:57:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.007.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.066		5469	7389
2.113		4303	8448
2.197		872	1072
2.245		275	235
2.26		1298	779
2.359		10222	7473
2.399		1757	3078
2.47		459	181
2.519		4251	5441
2.597		740	1134
2.683		516	597
2.706		416	285
2.807		7381	6904
2.924		2709	2733
2.96	TCX	230300	158225
3.052		917	1295
3.107		7732	6838
3.163		11593	9230
3.211		53542	37310
3.29		1000	541
3.306		5136	3025
3.399		377	337
3.428		54184	32864
3.445		23685	13196
3.483		6182	3401
3.51		4064	3630
3.544		68115	51053
3.621		1156	757
3.636		544	225
3.656		13452	7596
3.671		7116	3463
3.714		27503	16930
3.725		64677	34112
3.762		81853	62776
3.82		69554	52736
3.861		5120	3759
3.889		47360	35678
3.917		32210	26604
3.938		8532	4537
3.964		1750	1405
4.013		54740	38949
4.037		18761	12031
4.069		20238	14358
4.102		53269	53450
4.142		16722	13047
4.19		2432	2190
4.23		3234	2387
4.263		53110	38374
4.281		8127	4006
4.305		14823	11935
4.376		8400	7369
4.419		59433	57761
4.454		1205	656
4.512		478	296

RT A	Compound A	Height A	Area A
4.559		4990	4867
4.609		6598	4125
4.624		13417	9291
4.67		35363	32606
4.719		56324	63503
4.756		11144	7639
4.795		132817	131567
4.882		20686	22516
4.915		1134	713
4.942		26114	25936
4.995		166776	219352
5.045		31498	28335
5.085		76323	86577
5.165		14675	16669
5.198		196658	221023
5.265		101224	96661
5.307		60545	59742
5.362		3047	3370
5.401		22656	17391
5.426		104494	99026
5.483		57107	54037
5.521		30507	30387
5.564		5422	5473
5.604		37584	40718
5.661		273544	300362
5.766		820	878
5.801		434	241
5.819		466	286
5.865		173568	171063
5.898		6671	5458
5.921		38215	41856
5.962		1119	919
5.993		2594	2991
6.056		4310	4120
6.108		2136	1417
6.136		31426	30417
6.292		81120	81309
6.334		5176	6384
6.412		570	750
6.439		703	466
6.494		22140	21880
6.553		1449	1864
6.645	DCB	243072	276974
6.703		1755	1755
6.786		273	838
6.819		778	1594
6.85		465	351
6.897		740	1368
6.925		6418	9148
6.981		584	231
6.989		923	400

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:57:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.007.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		8299	17163
2.226		1044	1690
2.262		2921	5514
2.362		1236	858
2.389		2514	4119
2.546		7255	6238
2.575		20878	23225
2.641	TCX	350335	213833
2.685		7684	6190
2.812		16371	13024
2.859		3680	1723
2.873		16583	8634
2.925		89040	53870
2.98		1666	2059
3.036		11260	7820
3.071		998	219
3.082		663	161
3.107		667	258
3.132		73973	36441
3.143		25171	9184
3.183		11891	7019
3.204		5479	3386
3.231		8592	4781
3.255		102489	68765
3.291		3484	2208
3.338		26968	14139
3.354		15067	7515
3.404		56723	29524
3.414		107372	44891
3.434		4238	1589
3.448		103002	71874
3.523		109578	69977
3.558		78454	49169
3.582		81942	47760
3.6		27259	14304
3.686		100172	96809
3.73		29857	17828
3.76		21894	11405
3.777		72975	47072
3.817		29506	20815
3.866		3394	3153
3.887		17322	10731
3.909		96193	65881
3.935		17740	13157
3.974		11721	7328
4.009		84904	62101
4.058		8938	12489
4.155		8225	12241
4.211		23816	21668
4.253		25818	16248
4.284		83586	84820
4.311		33688	33334
4.363		184554	159714
4.409		2803	2101

RT B	Compound B	Height B	Area B
4.434		16421	11210
4.457		41926	30991
4.499		230917	196110
4.602		172232	190544
4.656		24227	18946
4.694		56394	49958
4.731		208713	185049
4.762		111335	85077
4.801		80168	66630
4.899		26486	29128
4.95		156467	167813
5.025		79998	74890
5.06		38756	31628
5.089		27896	23347
5.144		346454	335420
5.184		6752	4856
5.216		13370	12146
5.334		3818	2368
5.357		79255	68181
5.402		235579	266623
5.501		3112	2911
5.554		6283	5743
5.6		5379	3646
5.623		5262	3889
5.673		46192	42901
5.778		105048	91162
5.808		5512	4165
5.874		1996	2244
5.976		31048	32727
6.135	DCB	334748	328555
6.261		14736	51701
6.446		3047	7692
6.723		1561	4254
6.927		1248	6865

AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082

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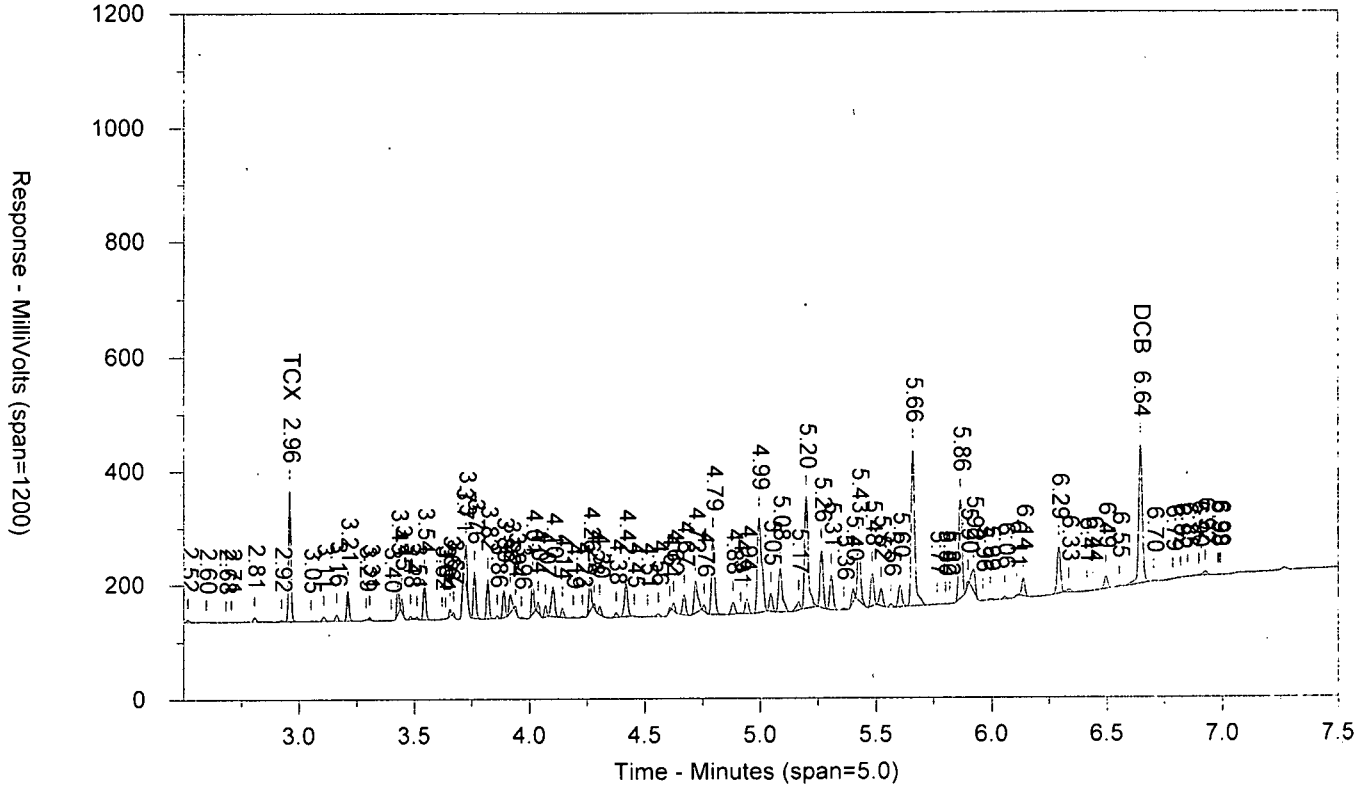

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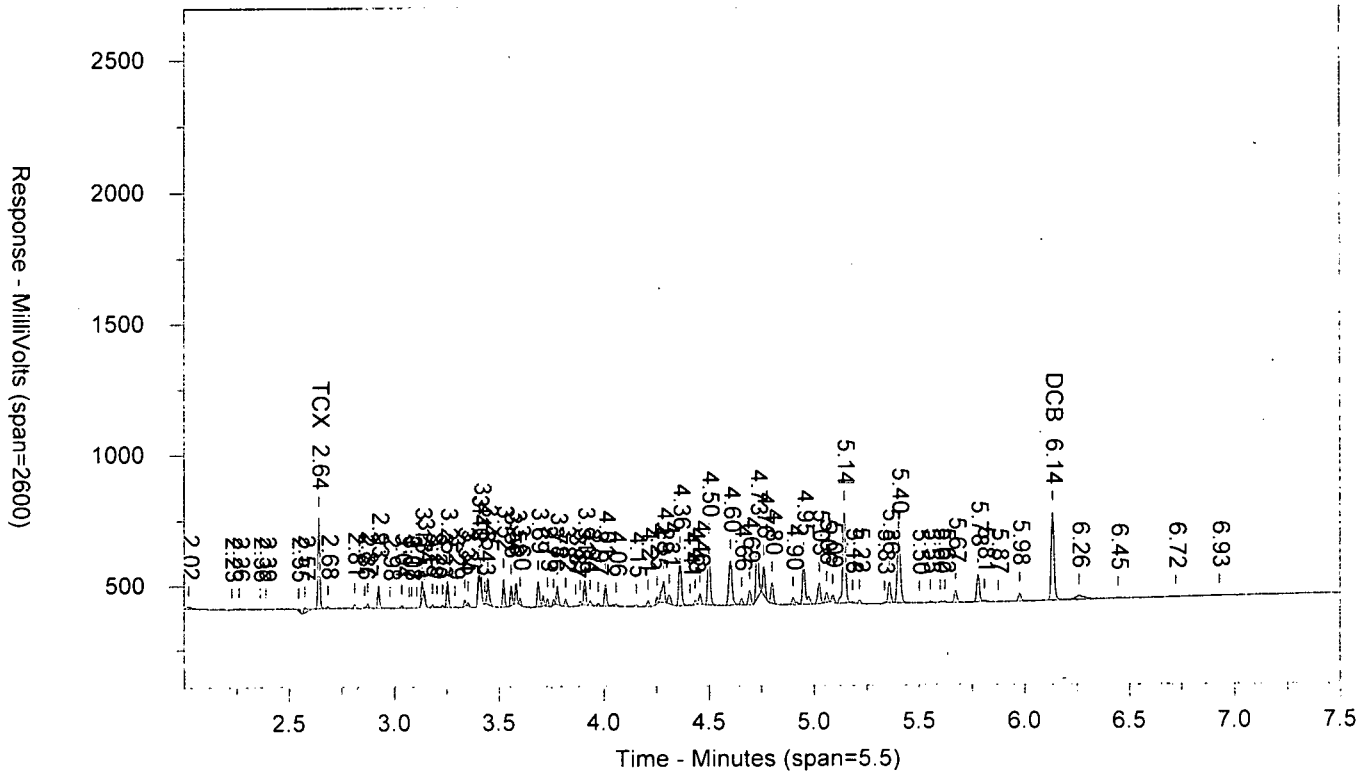

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 4:57:04 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	230300	2.027	TCX	2.641	350335	1.96	TCX
6.645	243072	2.316	DCB	6.135	334748	2.158	DCB

Files:
Area File: 25pcbs17257002.007.RAW
Area File: 25pcbs17257002B.007.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 5:05:35 PM
File Reported On: 9/14/2017 at 5:05:47 PM

AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082

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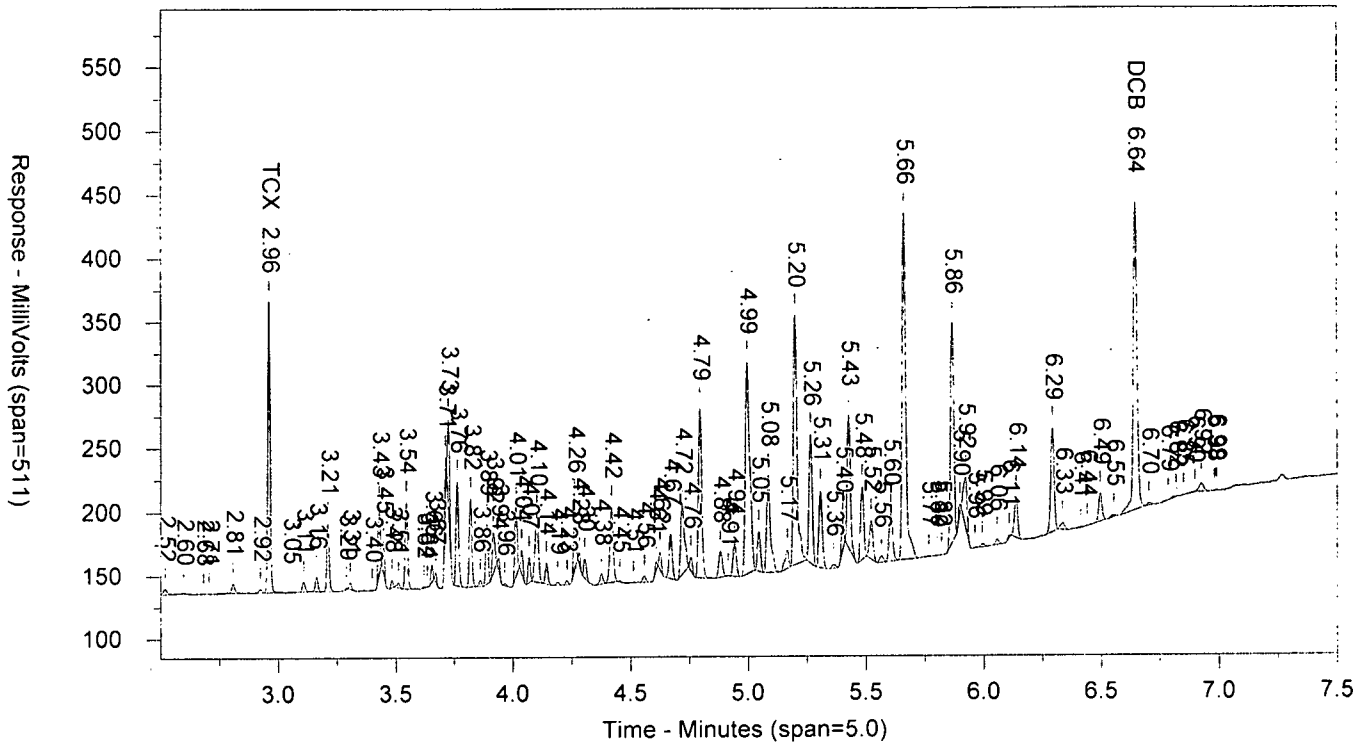

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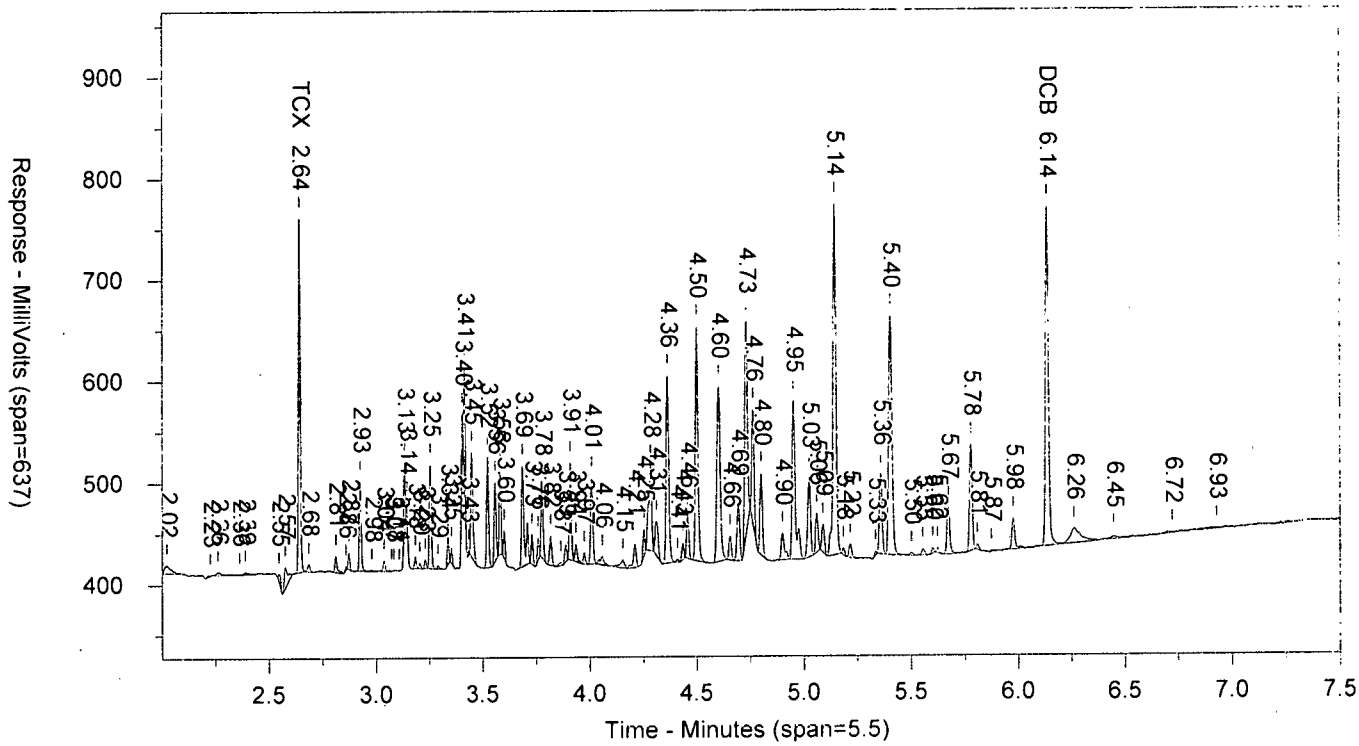

AR1611724B AAAR161AA ICAL 1725699999 10736 SW-846 8082

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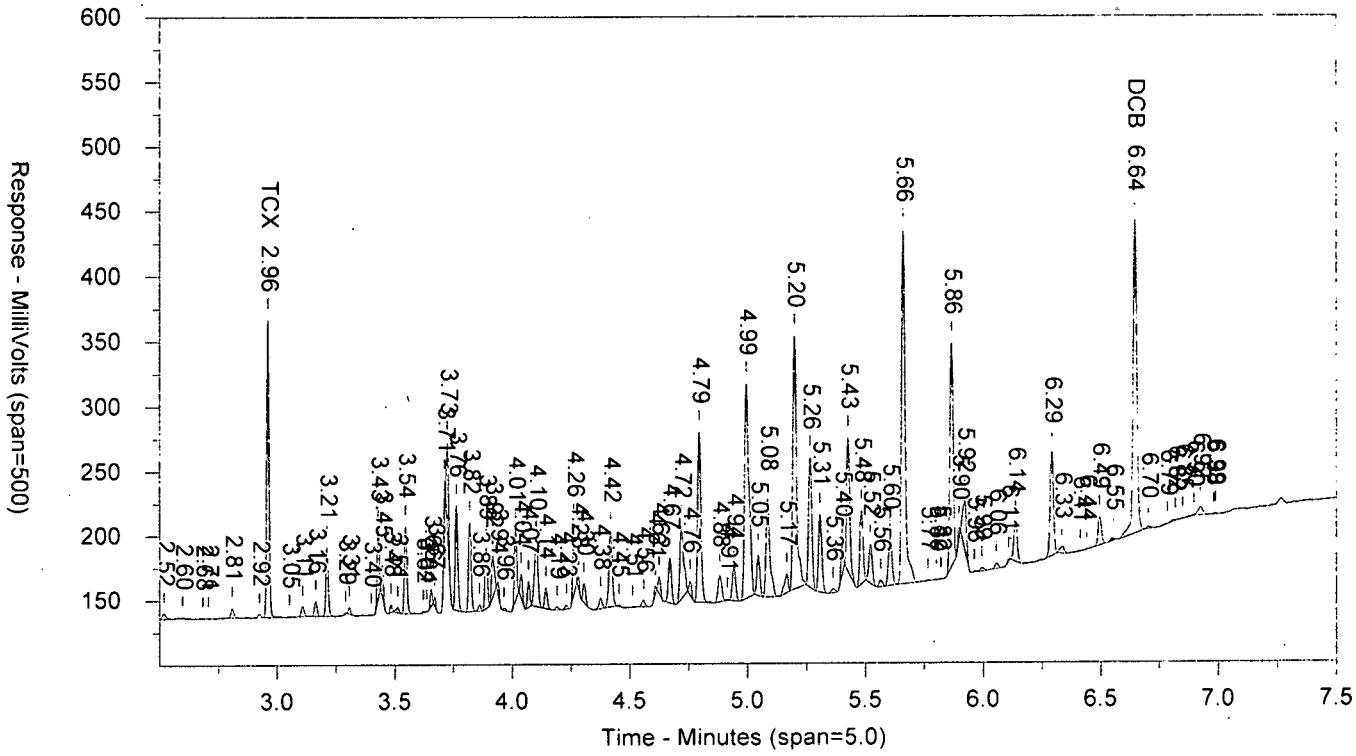

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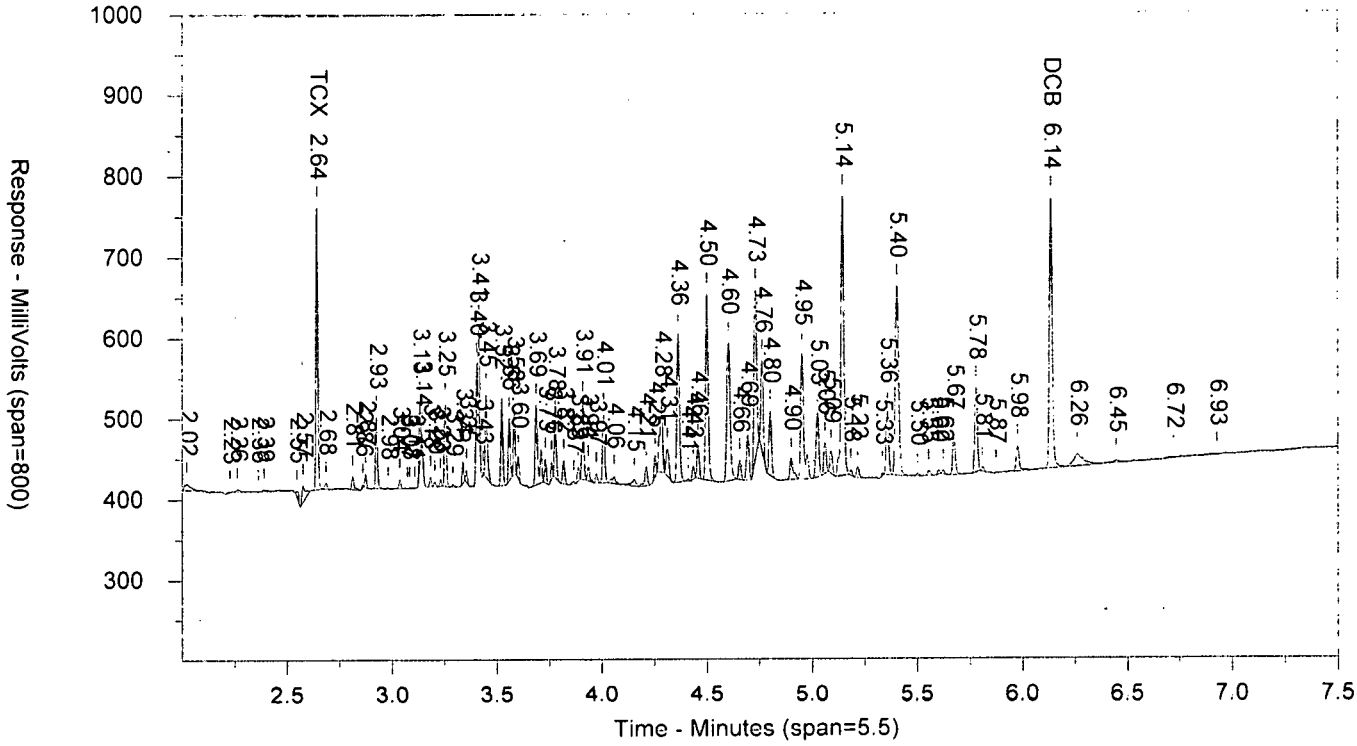

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:08:20 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.008.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.068		4893	7075
2.109		5465	15759
2.245		381	165
2.259		2125	1433
2.358		11200	8403
2.396		1528	2316
2.517		3777	4975
2.597		1251	1122
2.687		500	674
2.767		196	212
2.807		20298	19998
2.904		497	208
2.924		1934	1417
2.96	TCX	424254	294747
3.048		555	473
3.105		14672	12980
3.162		21310	17578
3.21		96931	69439
3.288		779	378
3.304		10571	6836
3.385		553	318
3.426		100739	60812
3.443		45513	24165
3.48		11302	6479
3.495		1373	461
3.507		6070	3277
3.541		119844	93361
3.577		566	331
3.617		3593	2505
3.651		26335	14805
3.666		12911	6290
3.71		49129	30332
3.721		123526	64654
3.758		146512	114558
3.815		129729	98369
3.857		9452	6795
3.885		89246	65488
3.912		59885	50176
3.934		15161	8541
4.009		97168	71831
4.033		33458	21302
4.065		36731	26236
4.098		99792	99571
4.138		31147	25117
4.185		4551	3993
4.225		5677	4452
4.26		93071	69638
4.277		14774	7461
4.302		26145	20340
4.372		14725	12707
4.415		105862	105521
4.448		2269	1503
4.509		1059	723
4.553		9340	8993

RT A	Compound A	Height A	Area A
4.604		10581	7052
4.621		25738	17938
4.665		67995	61494
4.715		104832	117974
4.752		20473	14530
4.791		224580	231483
4.836		883	704
4.879		37928	41185
4.913		2064	1353
4.939		47060	44744
4.991		283826	382651
5.042		57216	51974
5.081		135246	156562
5.162		25892	30076
5.195		343004	396963
5.262		173067	171985
5.304		110593	109916
5.358		1940	2027
5.398		42465	35675
5.423		186894	175617
5.479		104709	99181
5.518		57244	57972
5.56		9675	10025
5.602		70022	77225
5.659		480406	538307
5.763		473	798
5.788		510	242
5.863		313639	303261
5.893		14655	9612
5.917		68416	79237
5.959		760	487
5.993		1950	2325
6.031		541	249
6.053		8550	8566
6.107		2827	2647
6.132		59586	56668
6.206		817	358
6.25		529	429
6.287		143418	146694
6.333		8848	9256
6.399		575	276
6.456		437	229
6.49		39233	42323
6.553		1115	1882
6.639	DCB	443206	479427
6.696		1730	2341
6.752		632	272
6.774		1052	544
6.818		574	1645
6.853		777	609
6.917		6981	12225

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:08:20 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.008.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.021		9800	21009
2.184		2175	2206
2.238		1200	2700
2.266		2305	2499
2.329		2031	2371
2.393		2525	6013
2.5		1615	3608
2.575		43292	37285
2.642	TCX	657512	388237
2.686		14342	10744
2.77		1203	1346
2.813		30390	21274
2.86		6091	2840
2.873		29893	16030
2.925		155478	97395
2.974		2229	2068
3.036		19378	12460
3.061		460	103
3.081		884	557
3.093		813	162
3.132		123606	64286
3.143		40100	15986
3.169		500	67
3.183		22356	13684
3.204		10801	6306
3.23		16185	8856
3.254		181696	121130
3.29		6326	4418
3.337		49096	25311
3.353		27666	13540
3.403		106221	48564
3.412		181708	80653
3.432		8293	2766
3.446		182987	127287
3.521		192974	124475
3.555		137138	87370
3.579		154482	125787
3.683		168221	114561
3.706		66716	36175
3.727		61235	36352
3.757		38891	19384
3.773		124183	82331
3.814		51376	37084
3.862		6366	5197
3.884		33849	20018
3.906		168781	117705
3.932		32152	24184
3.97		21870	14003
4.005		154410	111396
4.04		4151	2456
4.055		11532	6075
4.151		12599	12905
4.208		40803	35422
4.25		46125	27408

RT B	Compound B	Height B	Area B
4.281		141564	148274
4.308		61404	61173
4.359		341878	278085
4.408		4954	3632
4.432		28649	19776
4.454		79109	57218
4.497		405583	345837
4.599		322735	333779
4.652		43778	35885
4.691		100037	87369
4.728		359507	331896
4.759		199321	148082
4.797		138875	119270
4.898		51709	54493
4.948		257132	217877
4.973		32469	20908
5.022		140460	137572
5.058		73559	58004
5.088		53686	45052
5.141		605451	605293
5.183		12207	8825
5.214		25519	21709
5.332		6559	4279
5.355		140979	122587
5.4		440037	485714
5.494		2258	3305
5.554		12405	12198
5.6		12128	9352
5.622		9060	6380
5.671		83334	75921
5.776		186001	164071
5.808		10389	7576
5.881		1367	1579
5.974		56349	57366
6.132	DCB	598426	583817
6.263		13913	45626
6.448		2736	4663
6.634		1021	4208
6.707		2465	4108
6.764		1863	1994
6.902		858	2367

AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082

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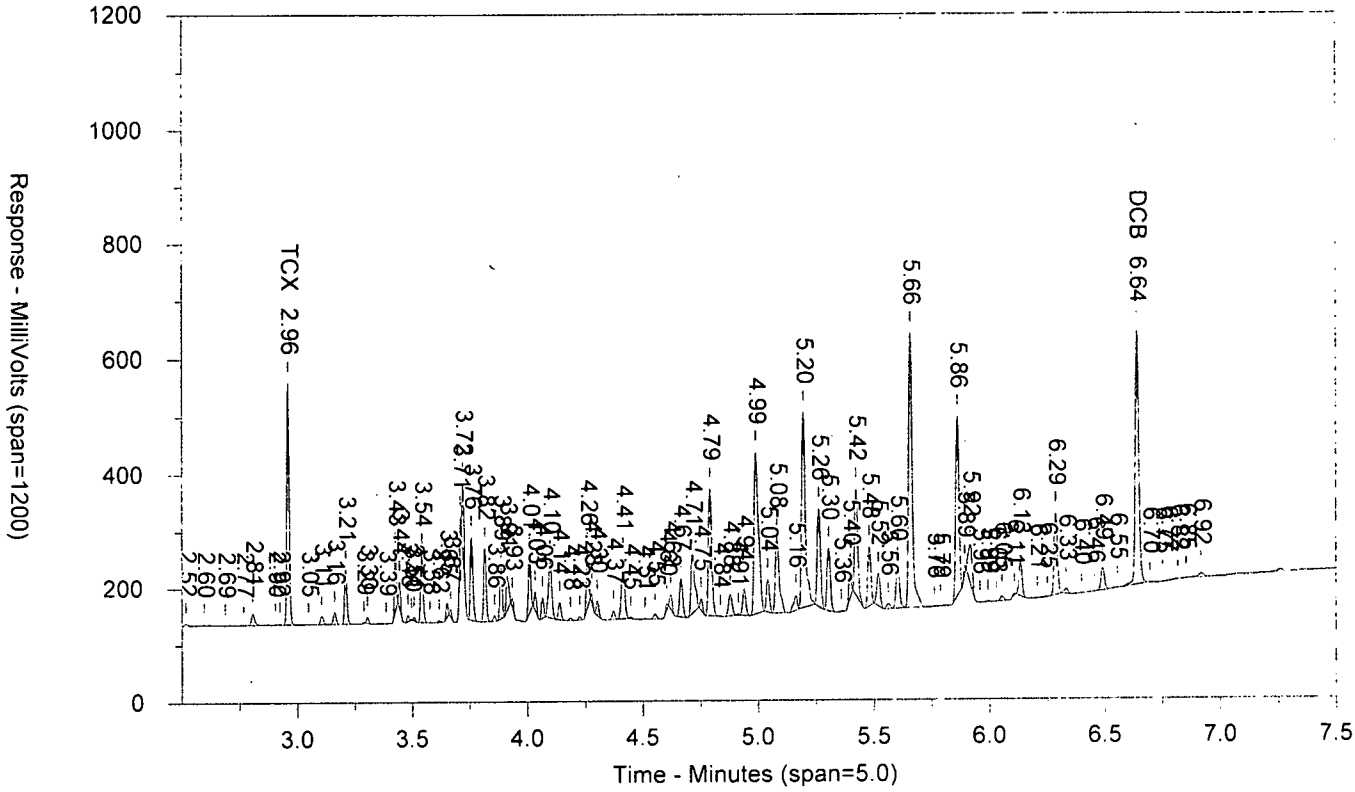

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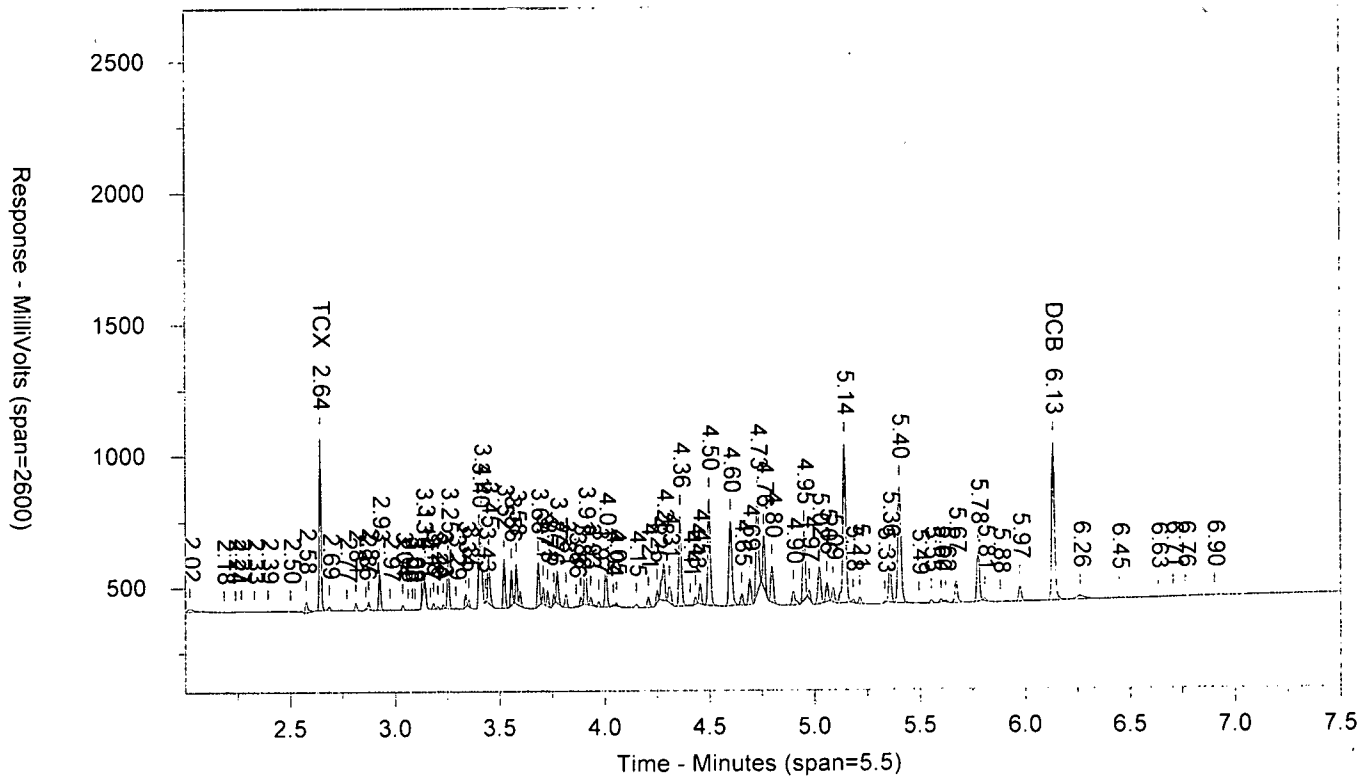

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:08:20 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	424254	3.812	TCX	2.642	657512	3.766	TCX
6.639	443206	4.216	DCB	6.132	598426	3.899	DCB

Files:
Area File: 25pcbs17257002.008.RAW
Area File: 25pcbs17257002B.008.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 5:16:53 PM
File Reported On: 9/14/2017 at 5:17:06 PM

AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082

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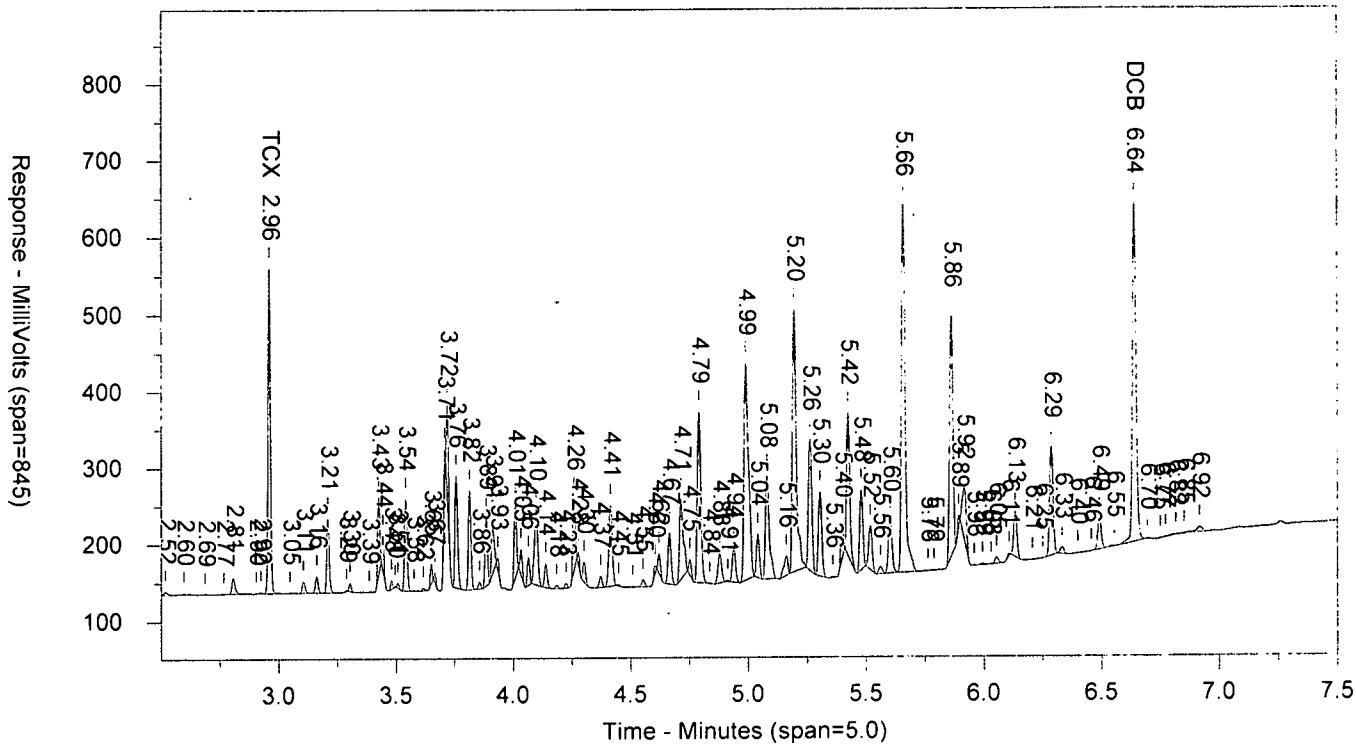

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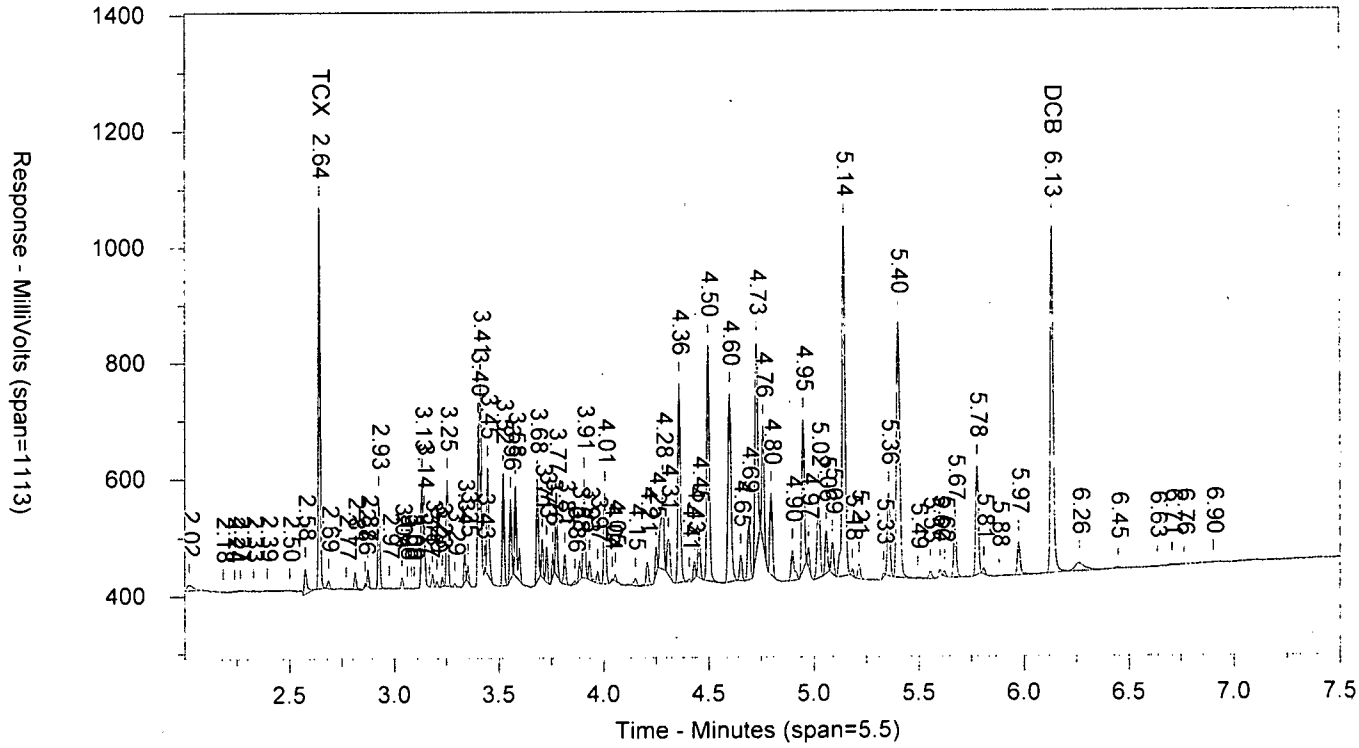

AR1621724B AAAR162AA ICAL 1725699999 10736 SW-846 8082

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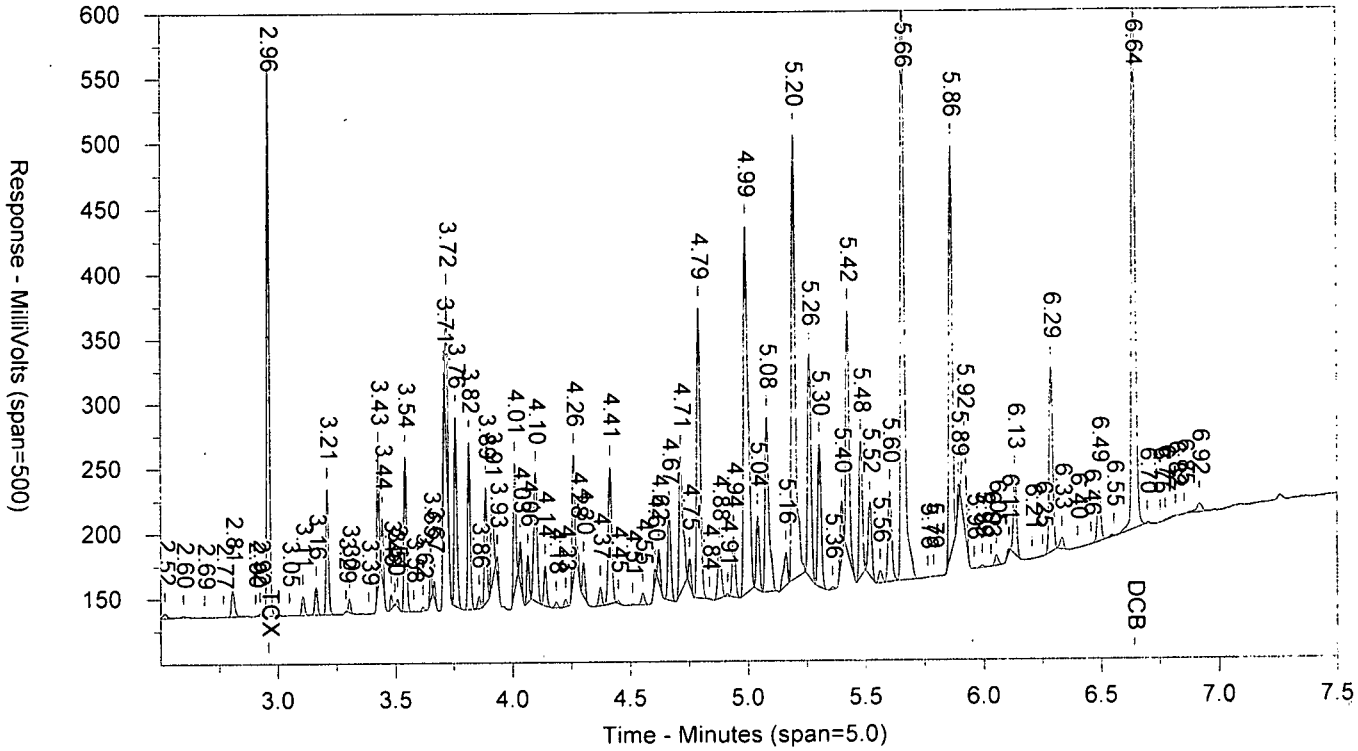

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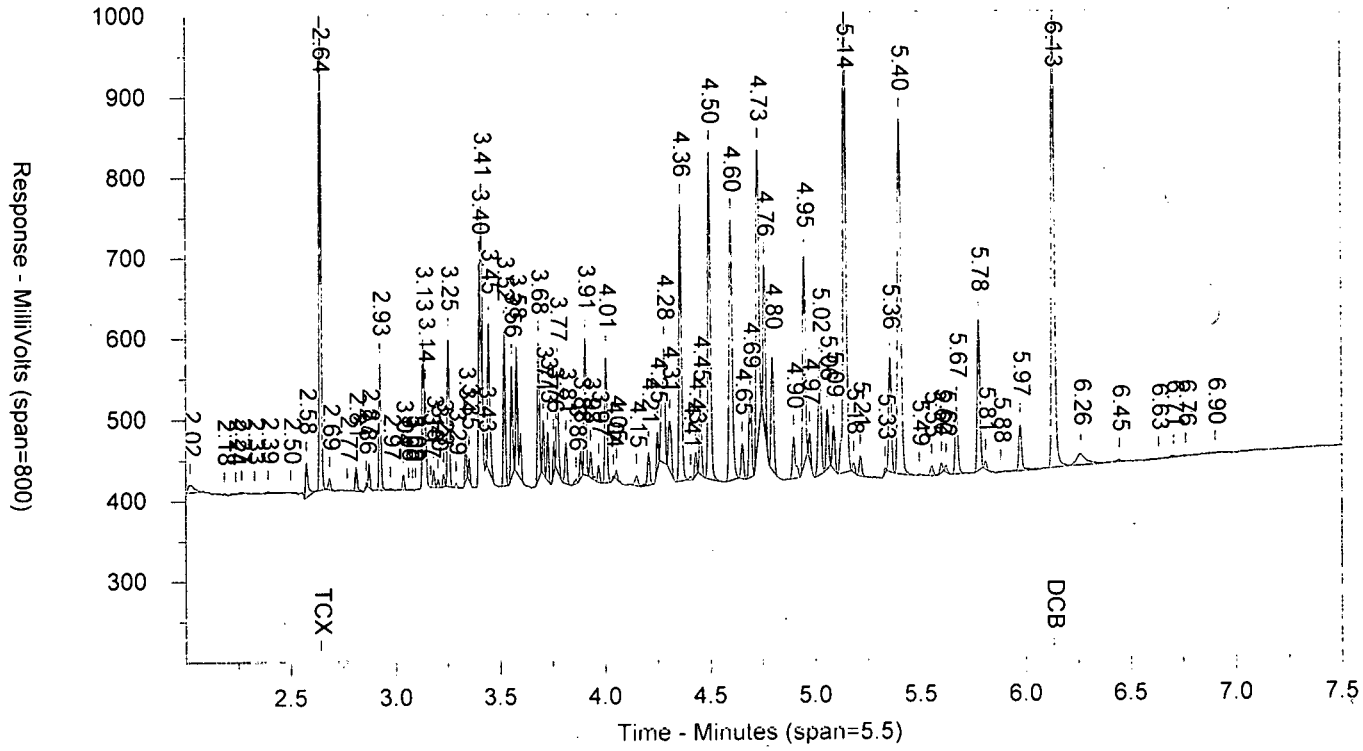

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:19:41 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.009.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.068		4150	5756
2.11		6692	17739
2.259		11023	8159
2.358		11605	10717
2.394		1734	2060
2.458		497	421
2.518		3456	4461
2.596		2712	2653
2.682		503	528
2.718		237	162
2.734		387	161
2.785		402	170
2.805		27254	28015
2.868		696	451
2.904		444	366
2.922		1995	1597
2.959	TCX	2276417	1531648
3.105		29340	25900
3.16		53163	46626
3.209		193047	139273
3.287		3652	1935
3.303		20688	13150
3.346		610	470
3.39		269	92
3.425		193884	117225
3.442		94318	50602
3.479		22253	13125
3.495		1971	749
3.506		12963	6943
3.54		243602	189134
3.576		1172	541
3.595		1225	669
3.615		7458	5138
3.65		55461	31804
3.665		26924	13343
3.708		109554	62951
3.719		258461	136231
3.756		300346	235986
3.814		265000	205121
3.856		19498	14288
3.884		181694	133933
3.912		118259	100658
3.933		36341	17346
4.007		197177	147324
4.032		70712	46493
4.064		78623	55797
4.097		205801	210440
4.137		67216	54146
4.185		9285	7941
4.223		12896	9226
4.258		177739	137180
4.276		32441	16009
4.3		56334	43126
4.37		30688	27351

RT A	Compound A	Height A	Area A
4.413		210813	217258
4.447		5303	3569
4.509		2252	1861
4.552		19186	18630
4.603		24200	15791
4.619		52977	38180
4.664		137674	132084
4.714		206544	241778
4.751		46286	31949
4.79		471295	466492
4.835		2239	1455
4.876		82204	88821
4.91		6036	4041
4.937		93061	90514
4.989		565175	770769
5.04		118446	109709
5.08		283443	326000
5.159		61336	69228
5.193		695986	812929
5.259		348381	342764
5.303		217845	222087
5.36		1768	1942
5.397		87432	72029
5.422		362228	344420
5.478		210477	196482
5.516		118055	119673
5.558		22829	24257
5.599		142509	157962
5.657		1016502	1093721
5.749		903	1105
5.861		617501	600897
5.891		36424	20839
5.916		131365	155996
5.958		1098	914
5.988		1974	2526
6.052		28469	27381
6.131		131827	177412
6.187		647	207
6.203		500	307
6.238		451	119
6.286		286193	284394
6.33		17847	17978
6.377		619	487
6.429		947	1180
6.458		506	441
6.488		89378	95711
6.542		1884	2177
6.638	DCB	2014977	2207759
6.758		951	593
6.766		820	335
6.833		248	2098
6.859		590	448
6.915		6001	9092
6.956		393	103
6.975		878	637

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:19:41 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.009.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.021		11066	21639
2.082		6281	4883
2.186		2271	2732
2.238		1584	3081
2.265		2901	4683
2.326		3063	1969
2.396		1648	2147
2.555		4348	3978
2.573		65327	57296
2.641	TCX	3603264	2030186
2.685		26595	19166
2.812		57803	38974
2.859		35374	16655
2.873		52391	26163
2.925		306403	186890
2.975		9177	5416
3.035		40148	26601
3.071		534	83
3.099		1125	414
3.112		519	200
3.131		257920	127184
3.142		92170	33146
3.183		47507	28130
3.203		21673	11853
3.23		33265	18537
3.253		360376	241899
3.289		12649	8041
3.319		2045	982
3.336		98843	52409
3.351		57014	27337
3.402		210908	95745
3.412		395173	172994
3.431		14229	5158
3.446		380510	259439
3.52		396251	255736
3.554		278398	175354
3.578		291994	168273
3.596		105154	52419
3.682		347985	231174
3.705		135548	74113
3.726		122929	74528
3.755		80398	40332
3.772		255689	170624
3.813		106755	76861
3.862		13028	11073
3.883		71994	43123
3.905		353272	240864
3.931		76003	53948
3.969		45672	28758
4.004		303891	226633
4.04		10126	5981
4.054		23725	14322
4.115		3063	2006
4.149		23641	23074

RT B	Compound B	Height B	Area B
4.186		2075	1179
4.207		85020	64115
4.249		90241	54075
4.28		283354	295646
4.306		120661	126533
4.358		702153	559356
4.406		10768	7647
4.43		65447	42853
4.452		151878	114099
4.495		813300	685714
4.599		654044	677592
4.652		95730	76834
4.69		194627	177354
4.726		794919	677996
4.758		394661	294845
4.796		287677	239070
4.896		107477	114274
4.947		561406	604307
5.021		288073	277574
5.057		141960	116461
5.087		108232	92723
5.14		1288040	1239059
5.182		28129	20204
5.213		58501	50619
5.33		15268	8982
5.354		283646	242006
5.399		885885	972898
5.5		2986	3486
5.552		39150	36154
5.598		23575	16753
5.621		31638	22796
5.67		165584	158732
5.775		360423	322083
5.807		21518	15080
5.926		1541	4940
5.973		123034	121277
6.132	DCB	2839013	2704113
6.259		11955	36594
6.441		2359	5130
6.584		3202	3010
6.703		2289	3584

AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082

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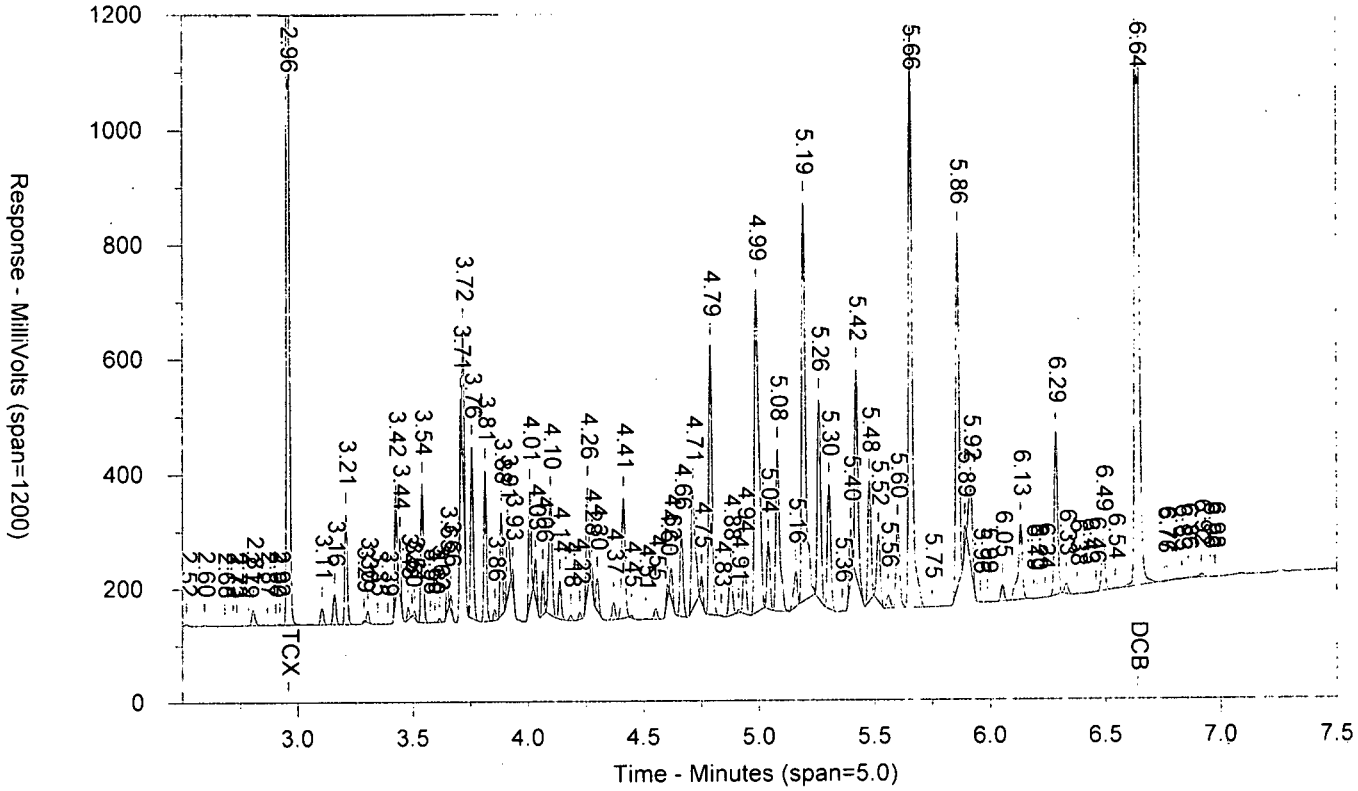

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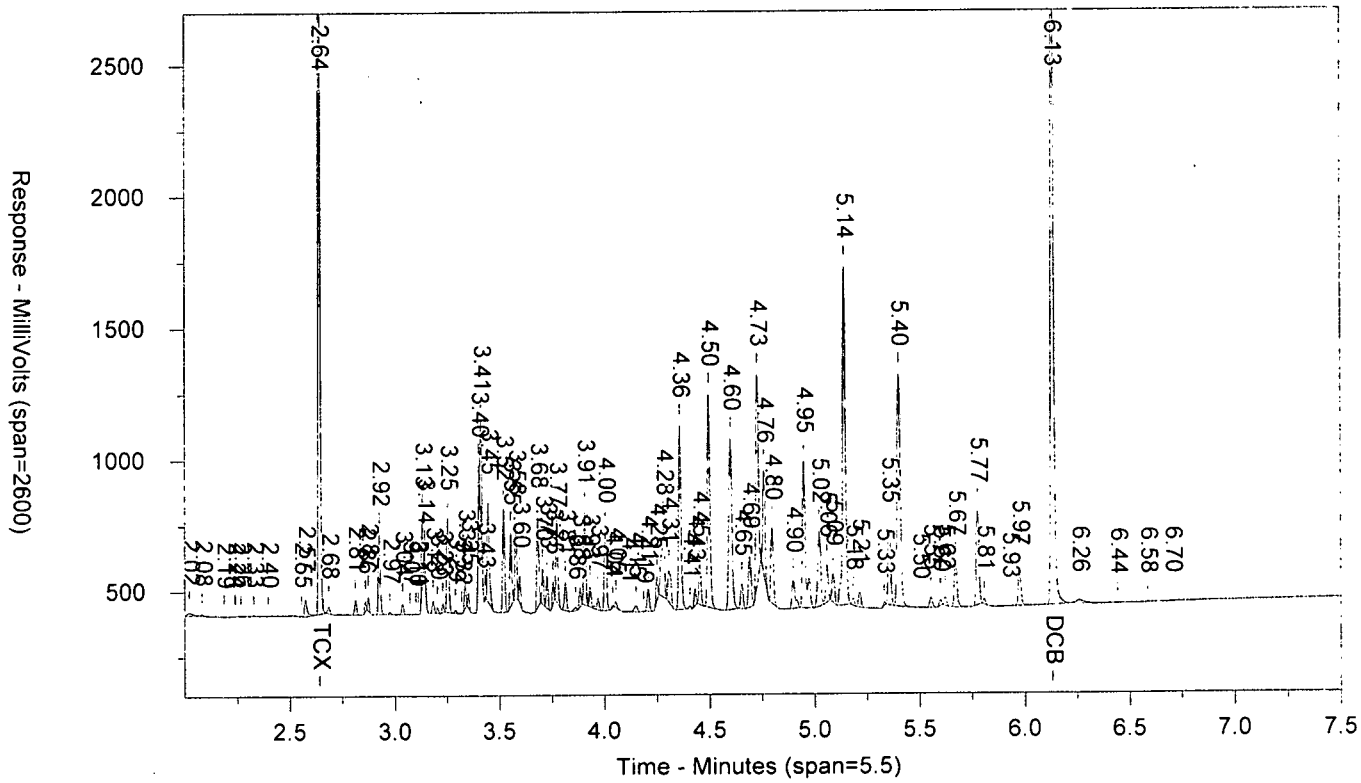

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:19:41 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	2276417	20.388	TCX	2.641	3603264	20.612	TCX
6.638	2014977	19.083	DCB	6.132	2839013	18.519	DCB

Files:
Area File: 25pcbs17257002.009.RAW
Area File: 25pcbs17257002B.009.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 5:28:11 PM
File Reported On: 9/14/2017 at 5:28:22 PM

AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082

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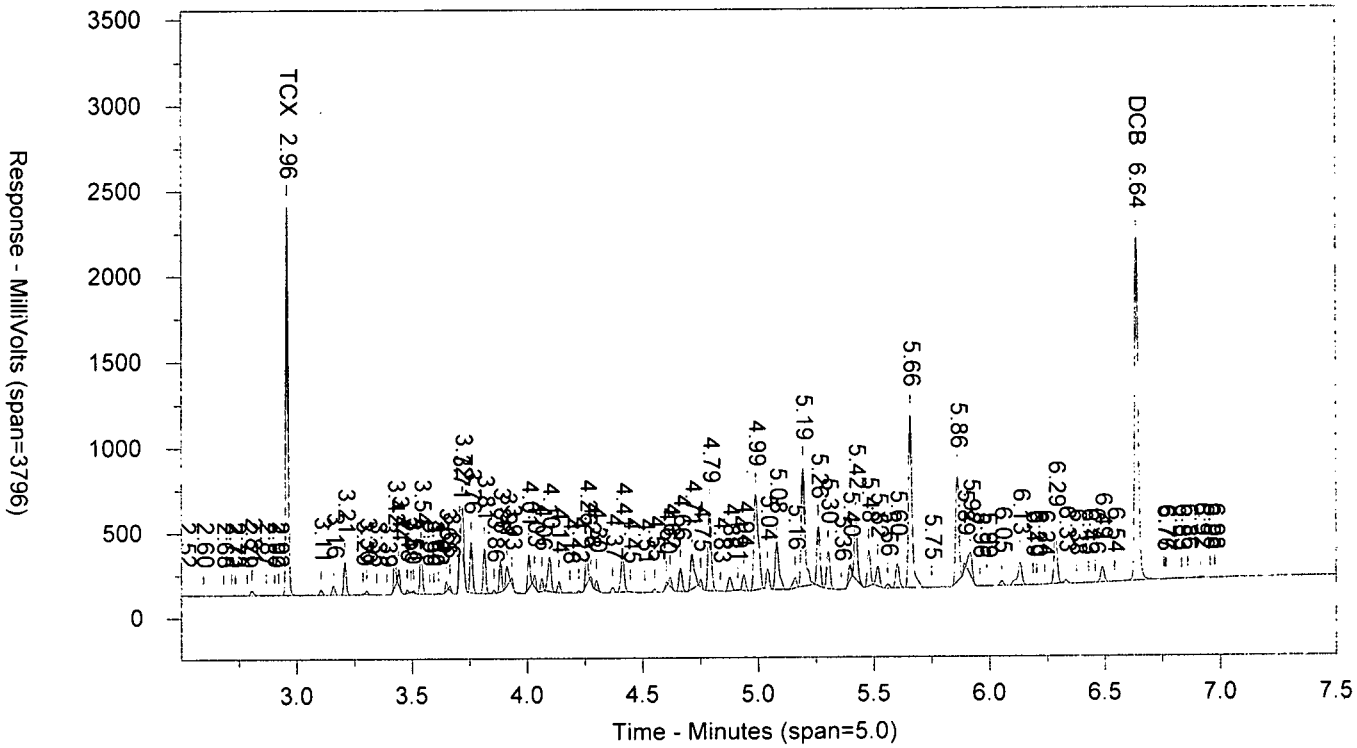

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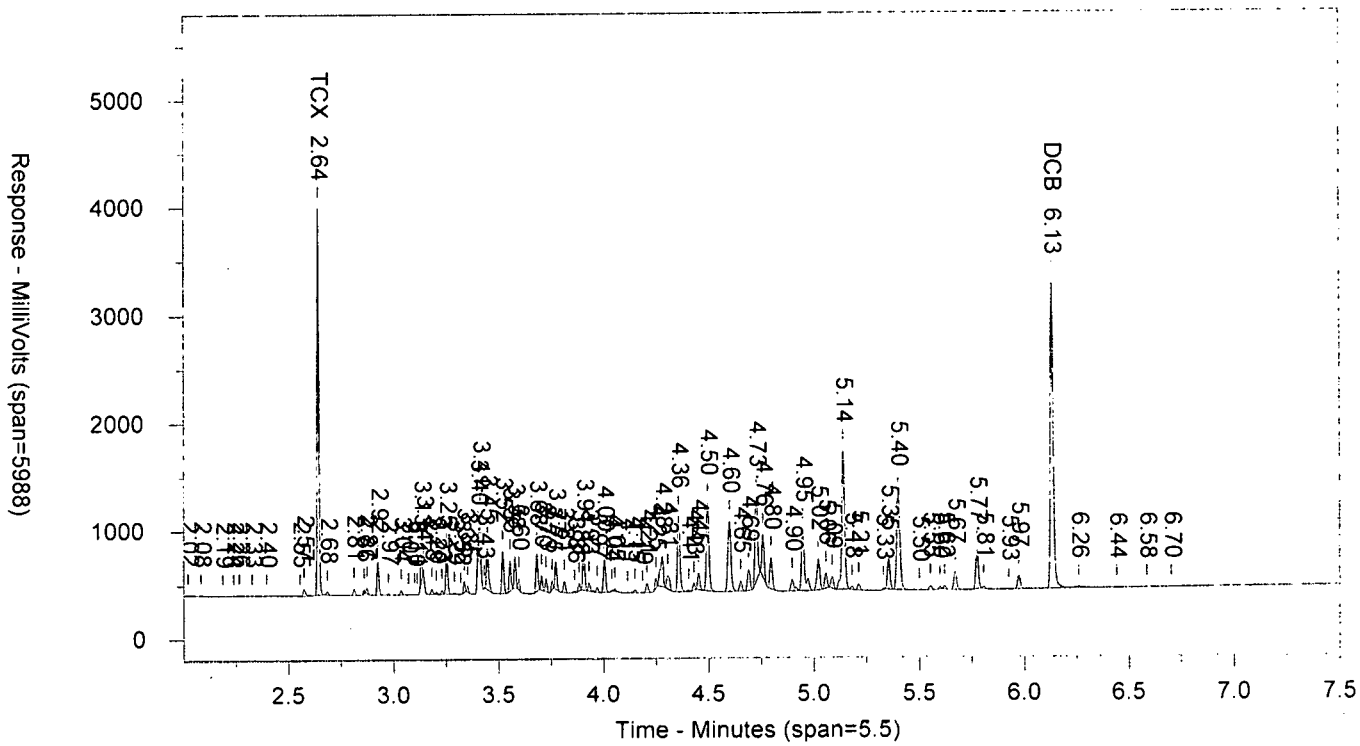

AR1631724B AAAR163AA ICAL 1725699999 10736 SW-846 8082

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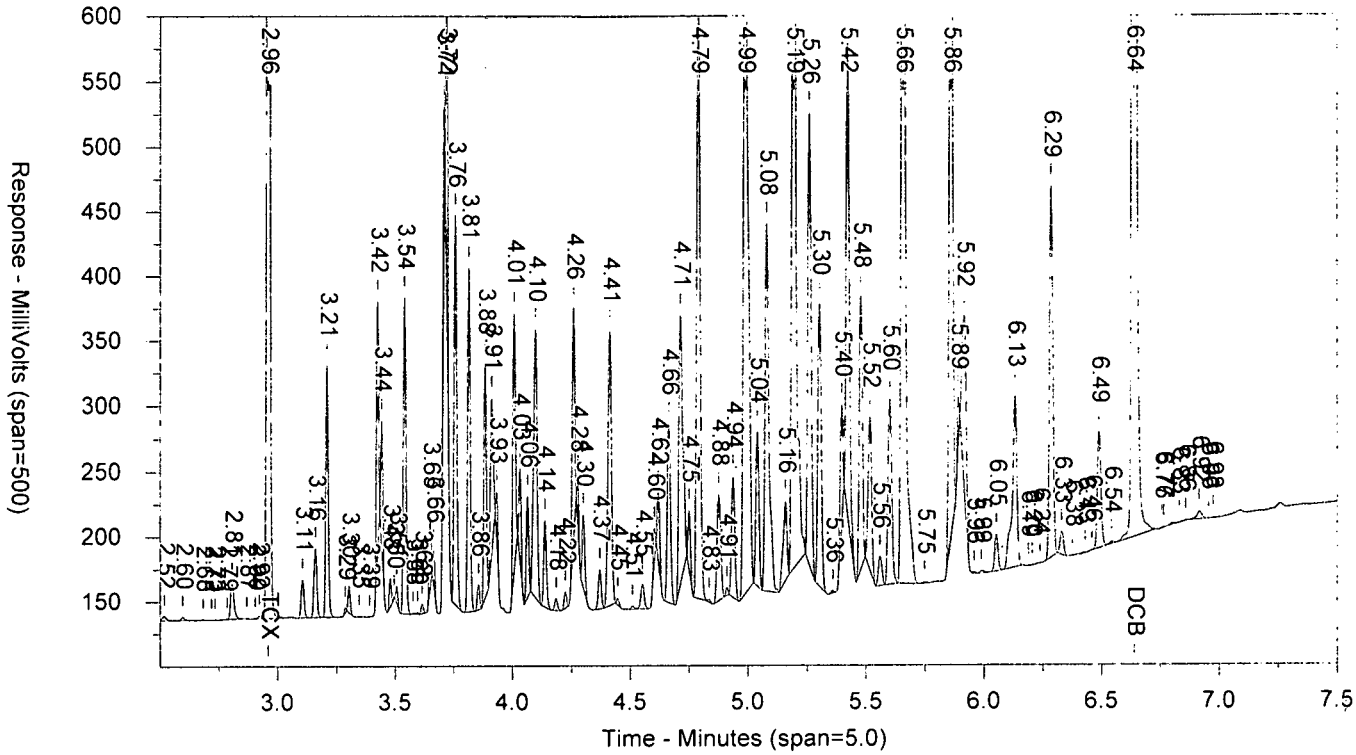

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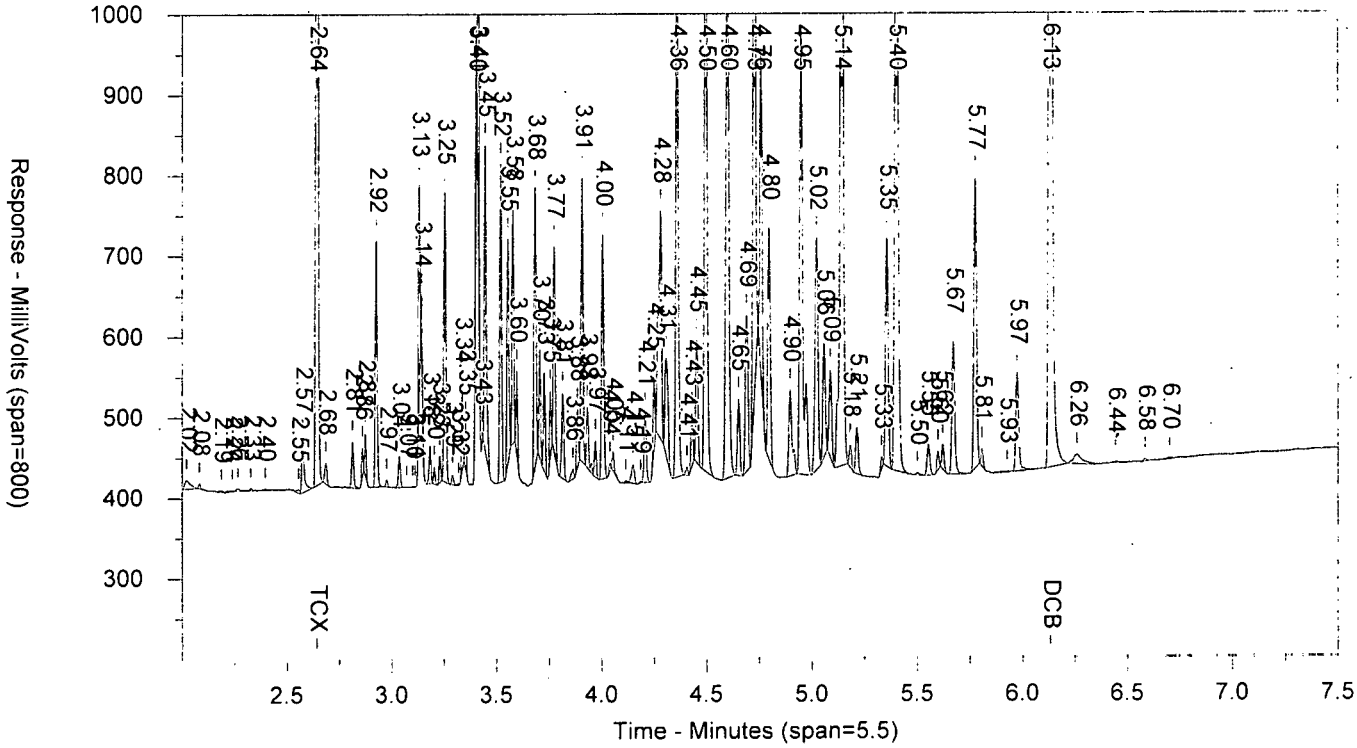

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:30:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.010.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.041		359	433
2.064		6882	5122
2.076		9472	7439
2.111		4290	8376
2.199		1466	2117
2.235		820	445
2.26		21742	15619
2.359		13085	14315
2.397		1581	1933
2.458		596	500
2.517		5459	6685
2.578		469	642
2.597		4436	3373
2.682		1734	1351
2.765		902	1103
2.806		6395	5956
2.871		1213	878
2.922		3273	3006
2.96	TCX	4734539	3166924
3.052		970	1145
3.079		383	151
3.105		60976	51886
3.16		107652	94985
3.209		367481	272247
3.287		7309	3673
3.303		42491	27935
3.344		1315	1370
3.425		362126	224764
3.442		174505	91455
3.479		46352	26334
3.495		4290	1552
3.506		24529	13397
3.54		469884	367084
3.577		2227	1156
3.593		2070	1191
3.616		14618	10043
3.65		101664	61341
3.665		51275	25960
3.708		197131	118634
3.719		538063	280355
3.756		600534	457373
3.814		516720	403398
3.856		36804	27085
3.884		339879	251927
3.911		228684	190395
3.933		67895	37222
4.007		367705	276121
4.032		132165	88135
4.064		150756	108782
4.096		418095	412191
4.137		128198	108866
4.184		20077	16977
4.223		24500	19154
4.258		359396	267451

RT A	Compound A	Height A	Area A
4.275		65035	32522
4.3		113677	89619
4.371		62737	54680
4.414		411154	412166
4.447		10968	7451
4.512		4709	4685
4.552		38609	35261
4.603		49318	34280
4.62		101456	73218
4.665		270670	254408
4.713		389053	456734
4.75		85764	61818
4.79		913460	901920
4.835		5019	3878
4.876		159205	175475
4.91		13723	9116
4.937		178217	170312
4.988		1154669	1491896
5.04		222576	213003
5.08		555730	641702
5.16		118486	139796
5.193		1465257	1547205
5.234		11718	5369
5.26		698368	658941
5.303		435960	432509
5.359		4068	5061
5.397		173886	132936
5.421		713472	670986
5.478		394720	376213
5.517		225156	230005
5.559		49812	50813
5.6		281295	310643
5.657		2097824	2208519
5.748		2203	2982
5.808		781	475
5.861		1246720	1196554
5.891		74376	44928
5.915		279166	310354
5.956		6029	5025
5.989		2443	2950
6.024		522	128
6.052		54135	53579
6.131		247504	355048
6.204		629	634
6.244		480	1035
6.285		546444	562086
6.331		37937	36831
6.368		1476	1095
6.395		602	211
6.421		1091	1068
6.489		172498	191731
6.543		3011	3770
6.638	DCB	4239454	4477886
6.799		3887	7136
6.882		568	583
6.918		5985	7701
6.978		516	163

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:30:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.010.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.025		8544	17627
2.083		15140	10316
2.216		2583	2019
2.265		2992	3576
2.328		7800	5300
2.393		4096	5300
2.551		2520	2696
2.575		11805	7378
2.598		1691	779
2.643	TCX	7408689	4213420
2.686		54094	39112
2.732		1928	2101
2.813		114990	80466
2.86		68092	32194
2.873		105127	51967
2.926		576153	359856
2.976		18009	10492
3.036		78580	50270
3.062		525	129
3.08		652	334
3.09		681	100
3.111		302	174
3.132		483945	232489
3.143		157867	63221
3.183		92118	56000
3.204		40946	23168
3.23		68477	37155
3.254		689228	463502
3.29		26168	14808
3.317		2975	1137
3.336		185042	99595
3.352		106816	52060
3.377		1872	962
3.402		432711	189195
3.412		801536	356962
3.432		30928	10572
3.445		726578	497016
3.52		788629	495951
3.555		511608	330823
3.578		591169	479116
3.682		654976	437087
3.705		256203	140750
3.726		232192	138998
3.755		148255	78930
3.772		532837	341336
3.813		202415	151255
3.862		28539	23794
3.883		144471	89512
3.904		675872	461790
3.931		154389	108069
3.968		88448	55230
4.004		594838	428183
4.039		23171	14476
4.054		47189	31055

RT B	Compound B	Height B	Area B
4.115		5217	3708
4.149		48485	44947
4.184		4585	3261
4.207		162279	121310
4.249		168543	100876
4.28		576527	575989
4.307		246045	249930
4.358		1366962	1081225
4.405		21403	15903
4.429		135217	92710
4.452		304426	221734
4.494		1652587	1337086
4.598		1316680	1320640
4.651		180609	143800
4.689		378711	326973
4.726		1680329	1382820
4.757		821324	583159
4.796		575860	472672
4.868		2791	2167
4.896		212319	229099
4.947		1082526	869860
4.971		135731	89240
5.021		554521	535202
5.057		289089	231136
5.086		217843	184304
5.119		50144	34650
5.139		2602999	2214986
5.18		59252	43243
5.212		116689	101831
5.33		27688	18173
5.353		540207	467626
5.398		1782895	1963701
5.499		13127	13993
5.553		74435	66712
5.597		47935	34600
5.62		56725	43029
5.67		333753	308549
5.775		712455	642237
5.807		44956	33464
5.973		249141	234466
6.132	DCB	5981400	5500509
6.254		10059	26815
6.445		1871	2862
6.582		6730	7993
6.662		1924	1641
6.753		2160	1461
6.925		2002	5874

AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082

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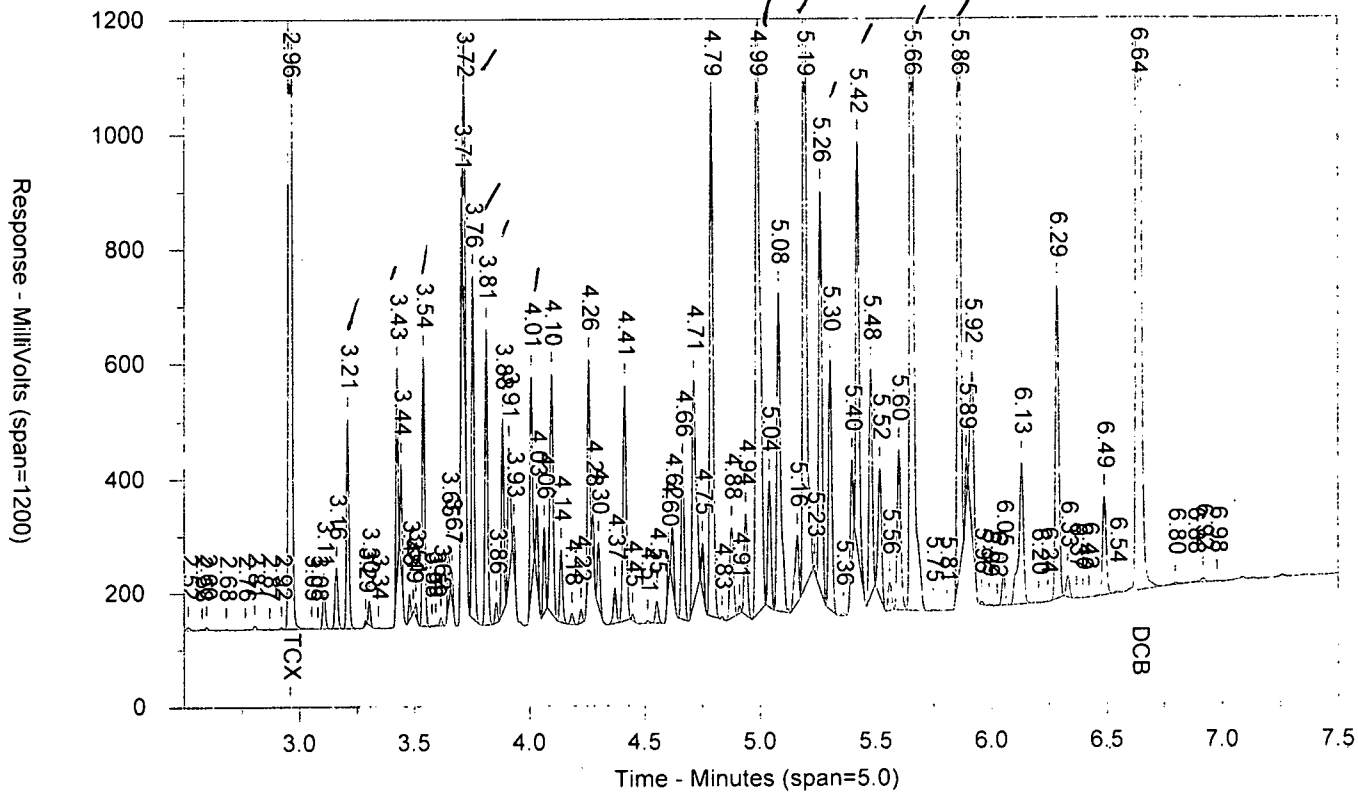

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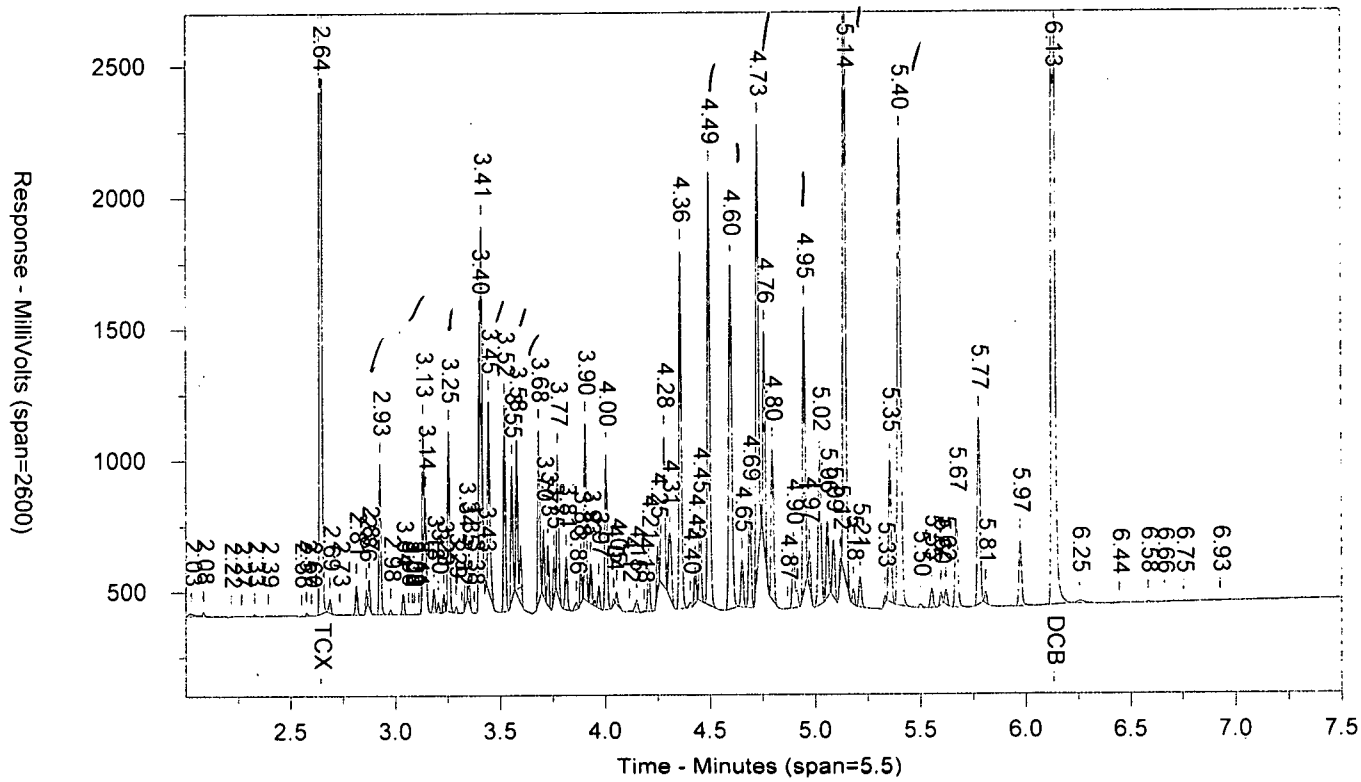

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:30:58 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	4734539	42.233	TCX	2.643	7408689	42.061	TCX
6.638	4239454	40.067	DCB	6.132	5981400	39.489	DCB

Files:
Area File: 25pcbs17257002.010.RAW
Area File: 25pcbs17257002B.010.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 5:39:29 PM
File Reported On: 9/14/2017 at 5:39:40 PM

AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082

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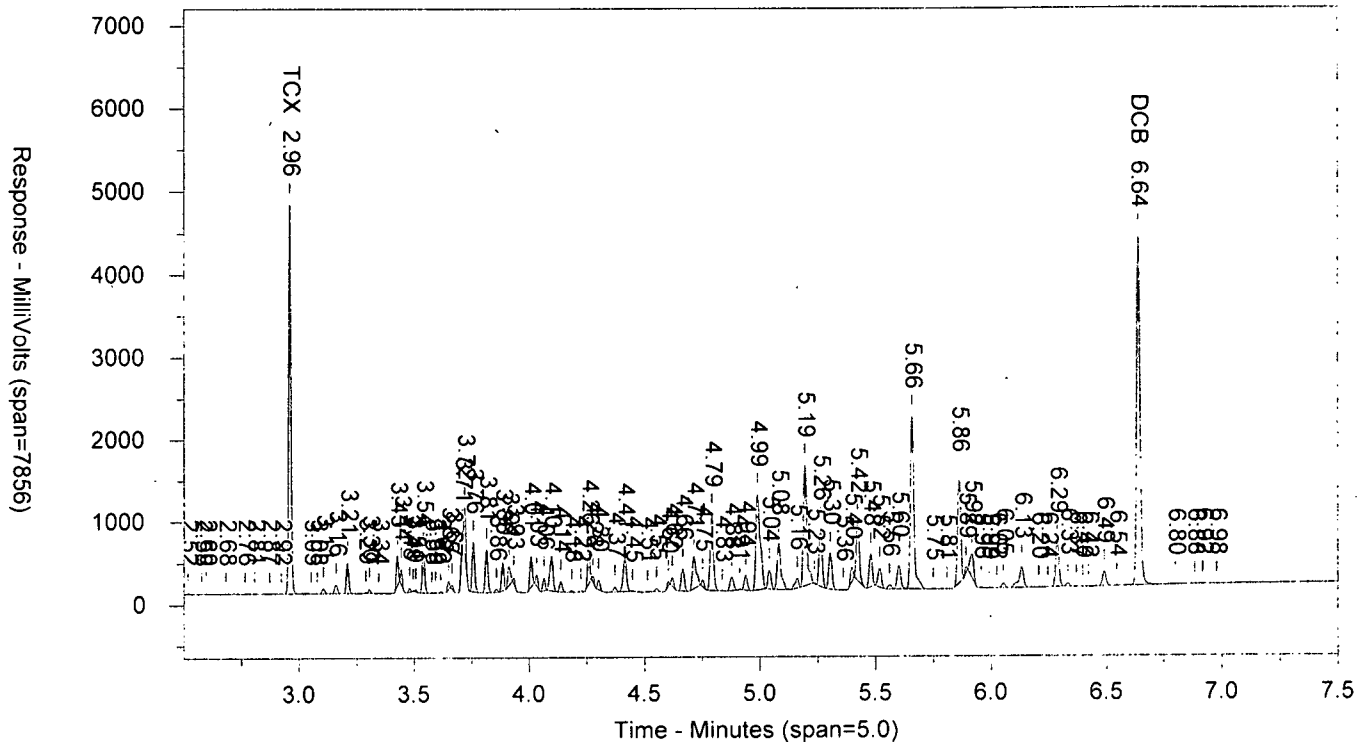

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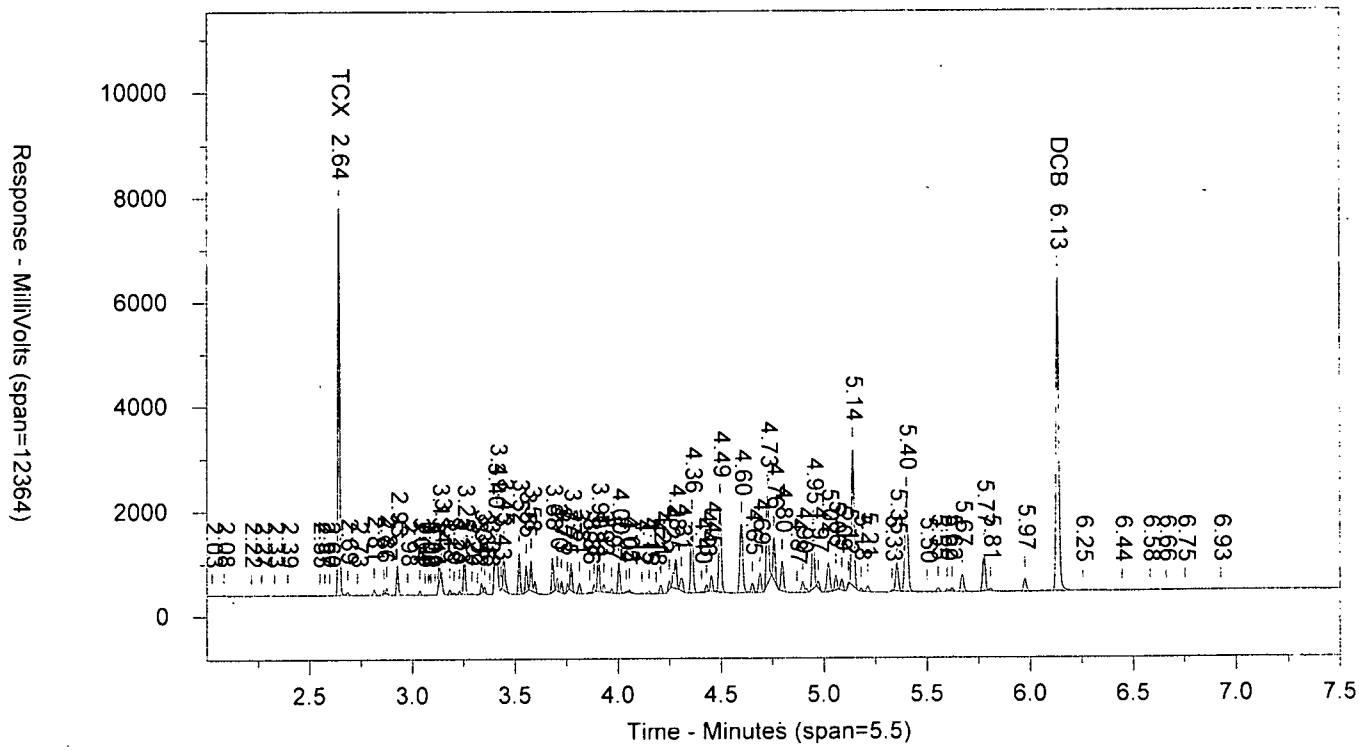

AR1641724B AAAR164AA ICAL 1725699999 10736 SW-846 8082

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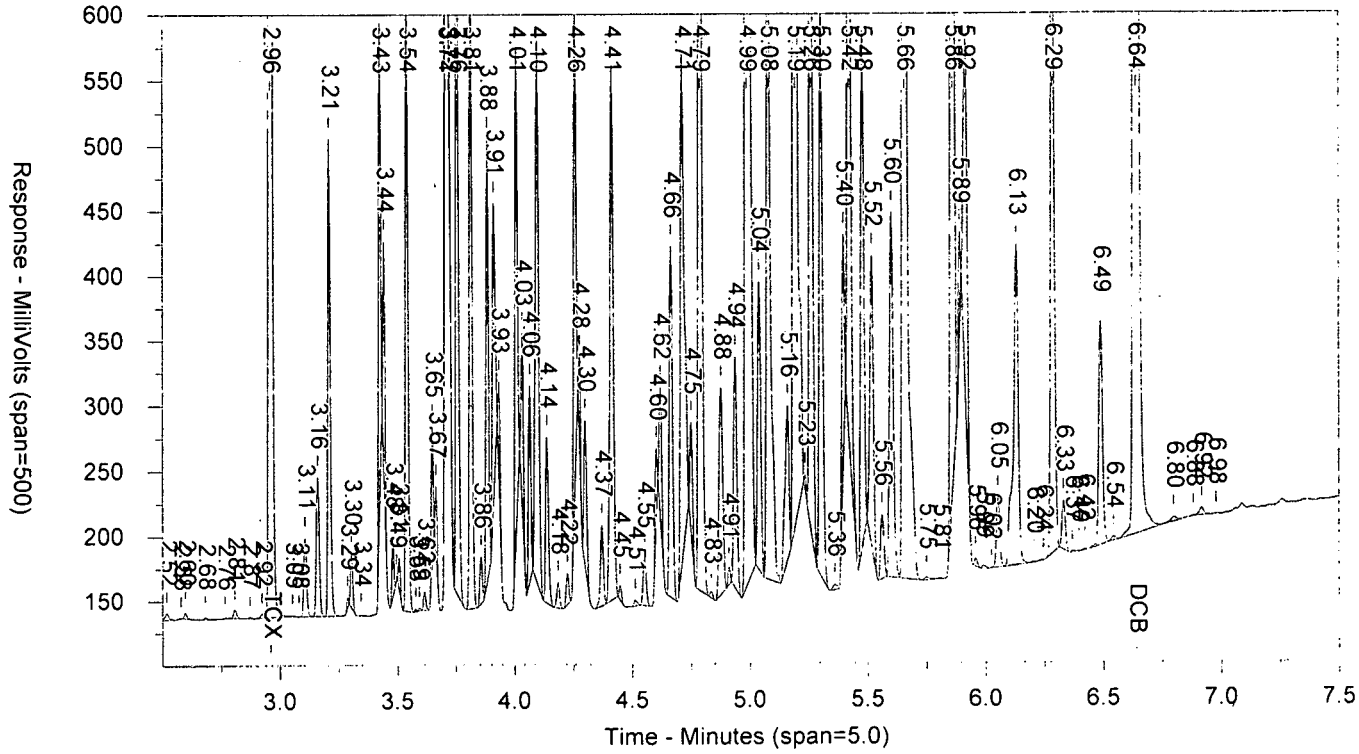

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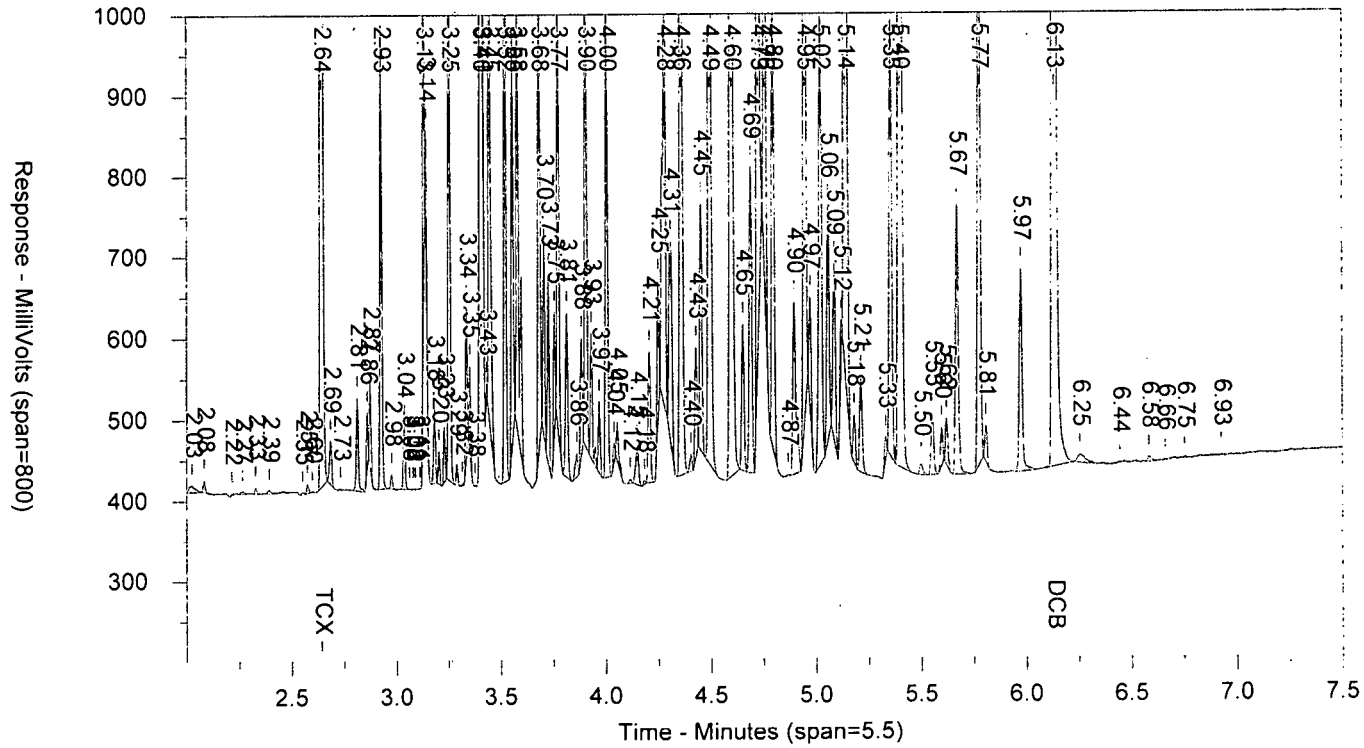

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:42:19 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.011.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.064		6300	7997
2.109		5607	13643
2.259		32726	23323
2.359		15077	18057
2.394		1164	1217
2.461		844	863
2.517		4923	6145
2.575		301	466
2.596		11651	8556
2.686		840	962
2.764		291	376
2.805		20590	19797
2.869		2086	1468
2.923		2894	2738
2.959	TCX	6908737	4786428
3.056		1149	1158
3.105		139579	122842
3.161		212790	186598
3.209		864455	622966
3.287		8071	4095
3.303		103019	67044
3.345		2842	2237
3.425		849910	519176
3.442		390317	207928
3.479		107568	62805
3.495		11488	3916
3.506		59010	32341
3.54		1091233	841051
3.577		5256	2563
3.593		4288	2368
3.616		37258	25417
3.65		237987	134759
3.665		117575	62466
3.709		544129	294336
3.719		1253568	644547
3.756		1397923	1053846
3.815		1213788	940321
3.856		88464	63649
3.884		735211	556656
3.912		508646	414468
3.933		125673	70228
3.985		444	184
4.007		873917	635404
4.032		304784	197878
4.064		325857	236727
4.097		977386	930422
4.137		288951	240716
4.184		45651	38346
4.223		58588	44147
4.258		810411	603201
4.275		131662	72454
4.3		236544	189946
4.37		137463	121280
4.413		895664	911985

RT A	Compound A	Height A	Area A
4.448		25459	17450
4.488		611	272
4.51		8827	7108
4.551		82616	80754
4.604		102945	72878
4.62		226501	156814
4.664		627607	569271
4.713		919998	1015895
4.75		194325	138886
4.79		2121313	2049981
4.834		11618	8696
4.876		355003	385727
4.909		26180	17002
4.937		384686	376376
4.989		2731492	3417240
5.041		498450	456260
5.079		1322672	1457102
5.16		236685	291171
5.193		3526154	3619668
5.234		27335	10809
5.261		1616739	1499062
5.303		980142	973466
5.396		406190	328939
5.422		1730683	1565533
5.478		878299	834839
5.516		496569	511209
5.56		101501	105917
5.6		611571	702496
5.657		5051686	5239686
5.747		4667	5769
5.807		1654	1349
5.86		3058814	2850669
5.891		162933	107555
5.916		628770	711854
5.956		3941	2930
5.989		1246	723
6.052		97519	102753
6.104		32312	24028
6.131		495949	492292
6.201		654	655
6.25		465	1759
6.286		1293399	1282892
6.331		86668	84860
6.381		572	285
6.42		1443	1533
6.49		371025	393711
6.545		1320	1108
6.639	DCB	6219145	6650561
6.8		1580	1421
6.842		834	312
6.865		567	489
6.894		677	329
6.917		5415	6517
6.973		485	306

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:42:19 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.011.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.019		9911	19306
2.082		22908	16142
2.136		1871	1996
2.214		2774	1732
2.263		3488	5486
2.327		18201	11995
2.393		2165	2180
2.548		3636	4096
2.574		43072	29370
2.642	TCX	11070790	6424513
2.685		121844	91042
2.812		253793	170187
2.859		84479	39783
2.873		236405	123993
2.925		1331797	815602
2.975		25946	15717
3.035		179073	112122
3.081		432	186
3.096		988	461
3.112		544	242
3.131		1070167	539120
3.143		385540	145634
3.183		201768	126561
3.204		94369	53139
3.23		150837	84590
3.253		1593902	1059472
3.29		61636	36110
3.317		4116	1484
3.336		419771	219299
3.352		238363	116038
3.378		2634	1214
3.402		1020491	448545
3.411		2104203	868783
3.431		70237	23041
3.445		1695241	1151872
3.52		1844478	1156777
3.554		1189770	739285
3.578		1342397	1074720
3.682		1511049	997554
3.705		564463	306721
3.725		520488	309256
3.755		329631	175934
3.772		1269786	776291
3.813		446134	331301
3.861		66874	54805
3.883		333573	198516
3.905		1592585	1057099
3.93		337209	234245
3.968		183990	116586
4.004		1329149	949201
4.038		54365	32814
4.053		104575	68360
4.115		12062	8105
4.15		102124	94238

RT B	Compound B	Height B	Area B
4.206		361687	271749
4.249		360473	214666
4.279		1301717	1306625
4.306		537629	548907
4.357		3213992	2465461
4.406		42312	32625
4.429		301308	202039
4.451		668093	490596
4.494		4000449	3106053
4.598		3305790	3073580
4.651		372826	329588
4.689		869398	744019
4.725		3967669	3357313
4.757		1964817	1370883
4.796		1335560	1073300
4.867		4325	4524
4.895		472579	509730
4.946		2674116	2721597
5.021		1270546	1207774
5.056		637388	509206
5.085		469806	399825
5.119		111186	76947
5.14		6413203	5403769
5.181		129909	97455
5.213		243902	208368
5.33		66919	41226
5.353		1213799	1058865
5.398		4498504	4725826
5.499		10994	13300
5.553		129963	121546
5.597		112937	84903
5.62		90391	68955
5.669		749534	684795
5.775		1749060	1494030
5.806		99278	75047
5.873		1819	1761
5.928		2519	2112
5.972		507528	479912
6.131	DCB	8982236	8172616
6.257		9469	20206
6.446		1944	2694
6.584		9597	9371
6.712		1853	2727
6.756		2451	2902

AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082

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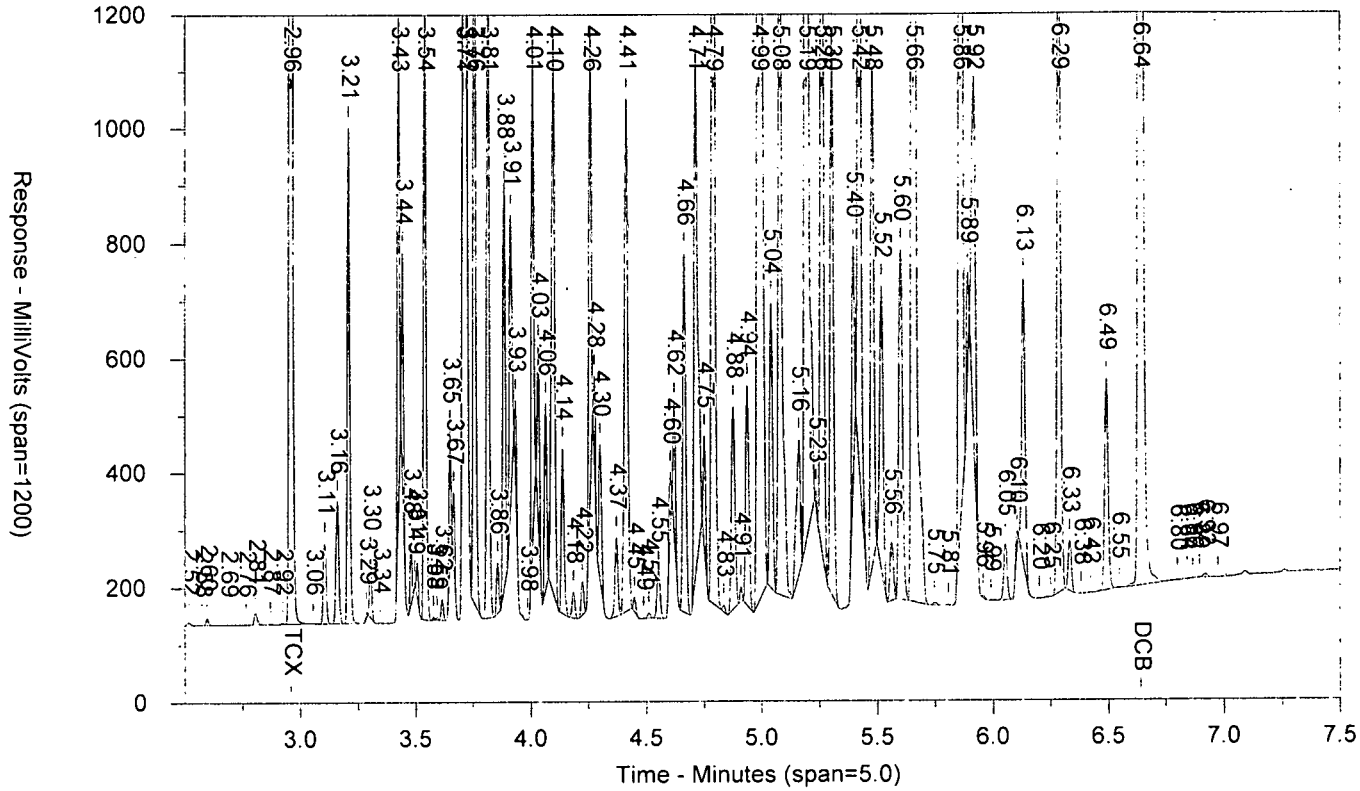

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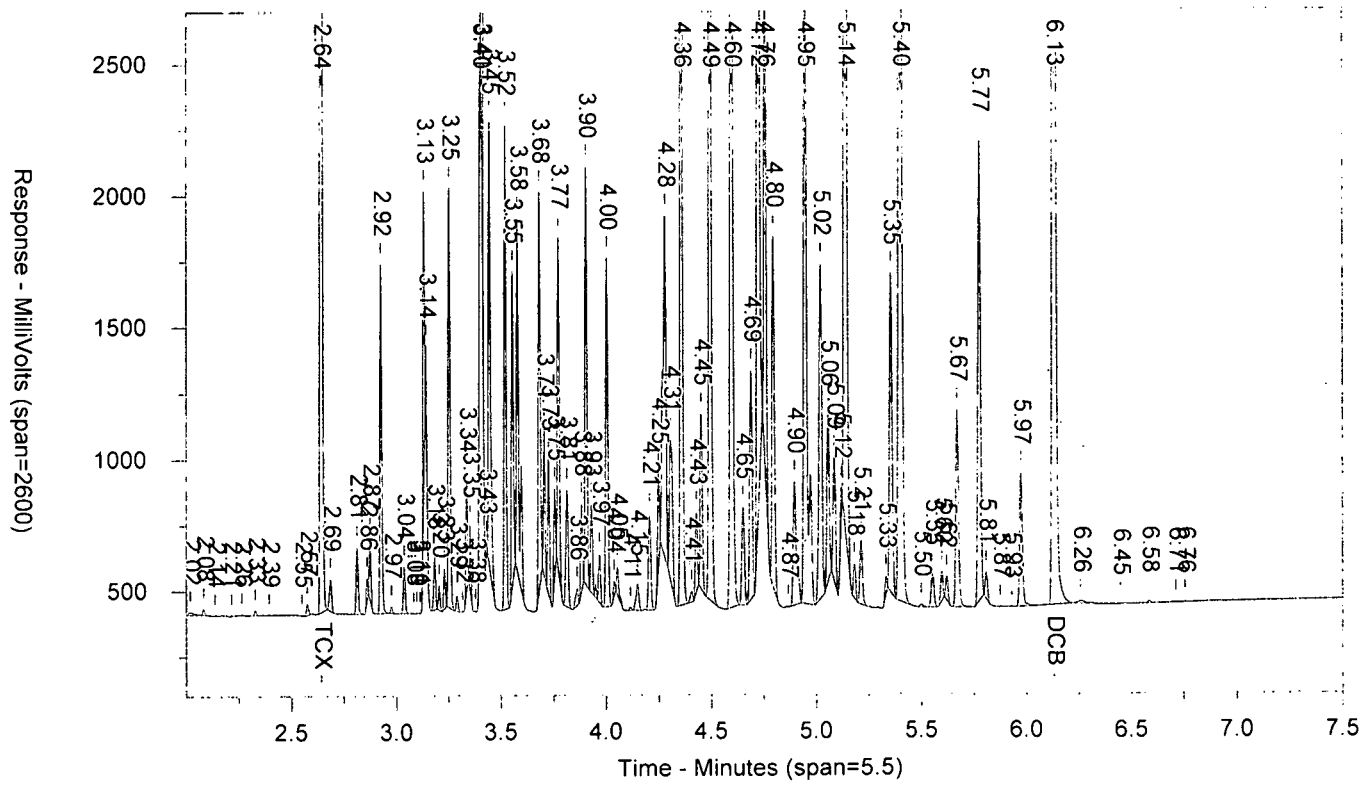

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:42:19 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	6908737	61.385	TCX	2.642	11070790	62.642	TCX
6.639	6219145	58.856	DCB	6.131	8982236	59.523	DCB

Files:
Area File: 25pcbs17257002.011.RAW
Area File: 25pcbs17257002B.011.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 5:50:49 PM
File Reported On: 9/14/2017 at 5:50:58 PM

AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082

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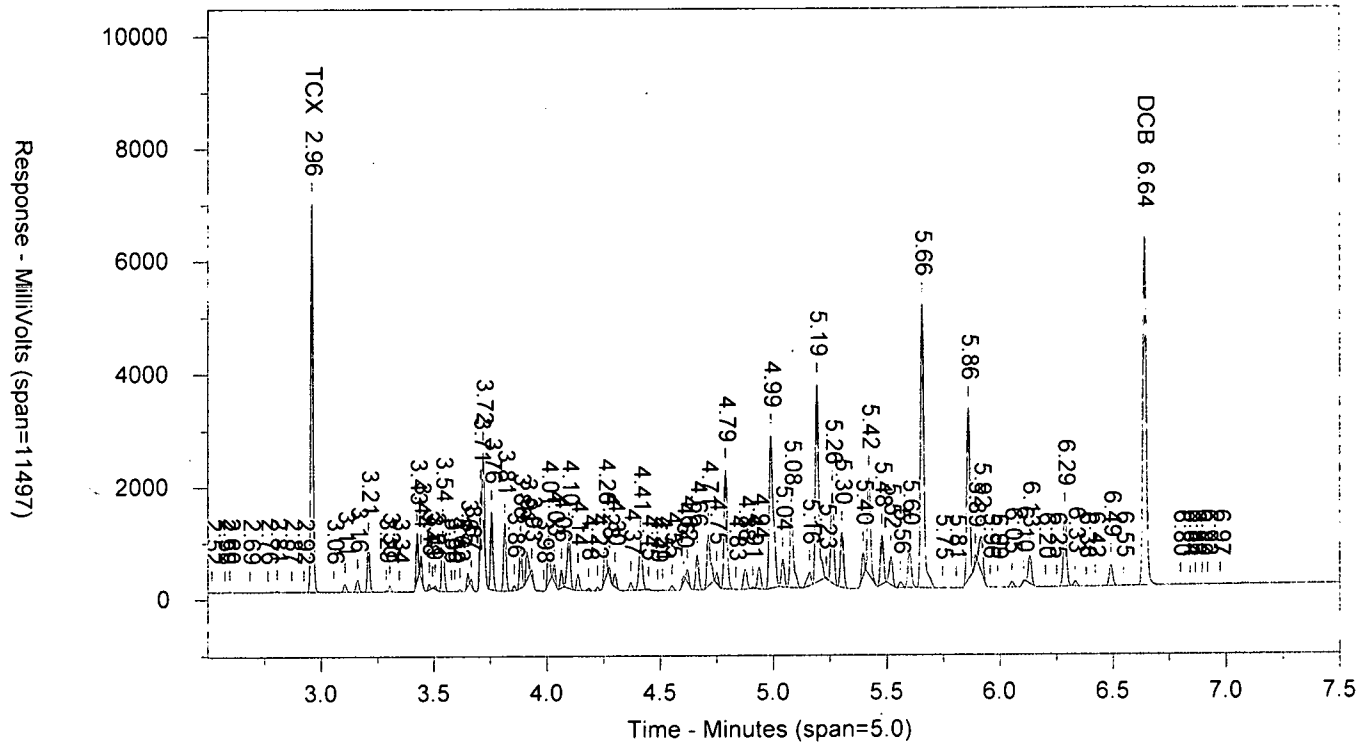

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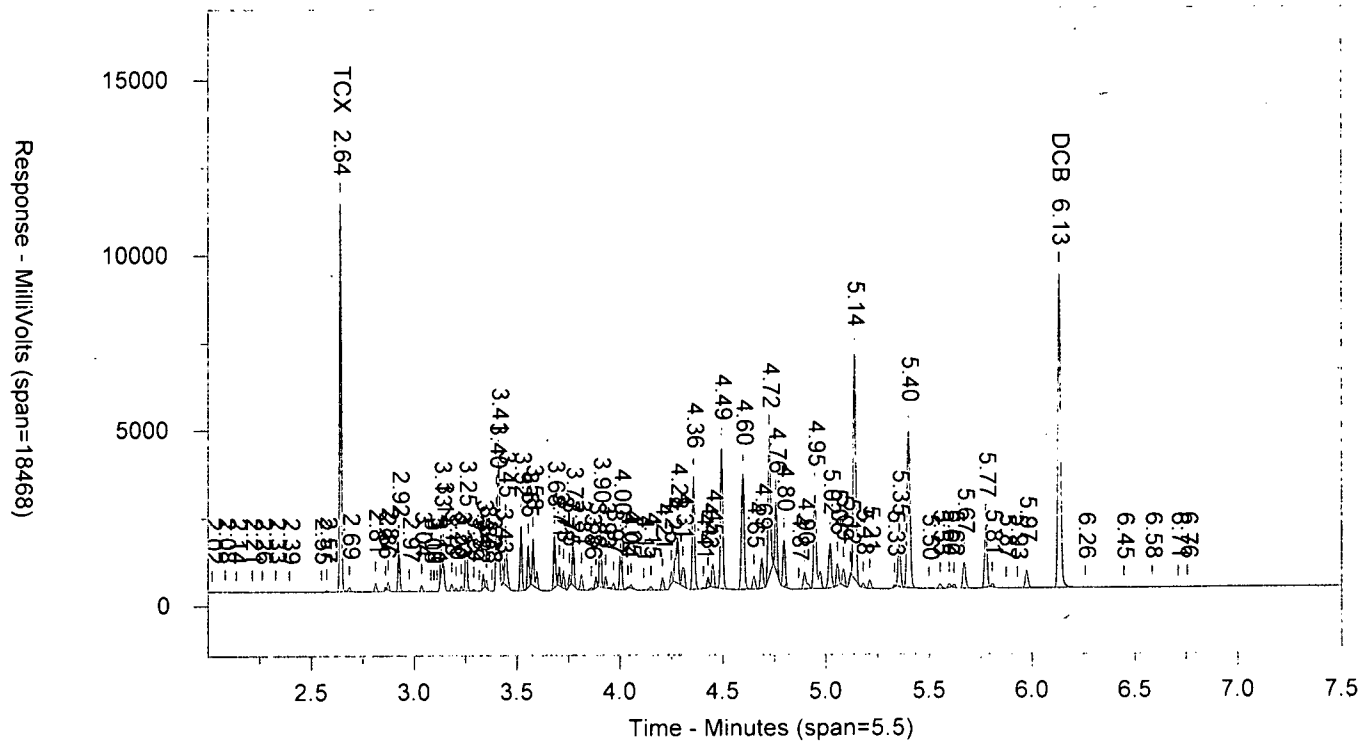

AR1651724B AAAR165AA ICAL 1725699999 10736 SW-846 8082

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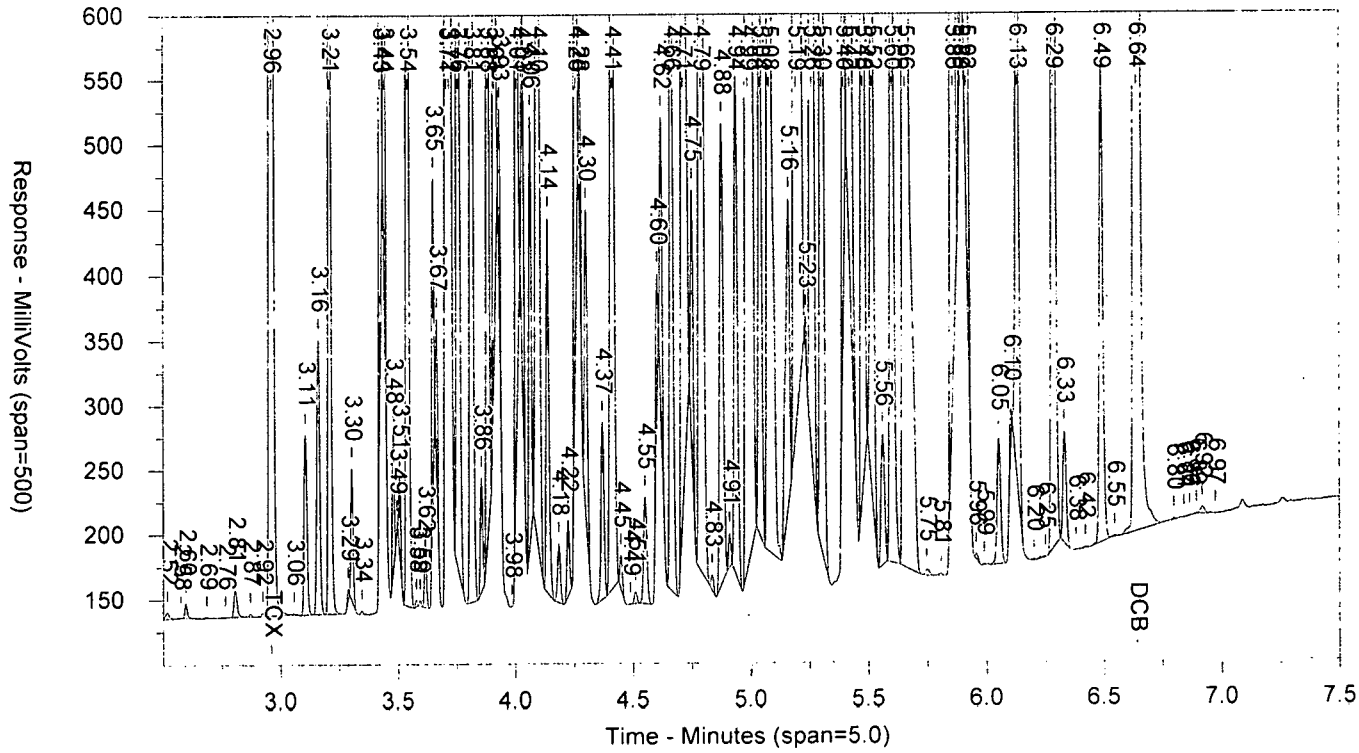

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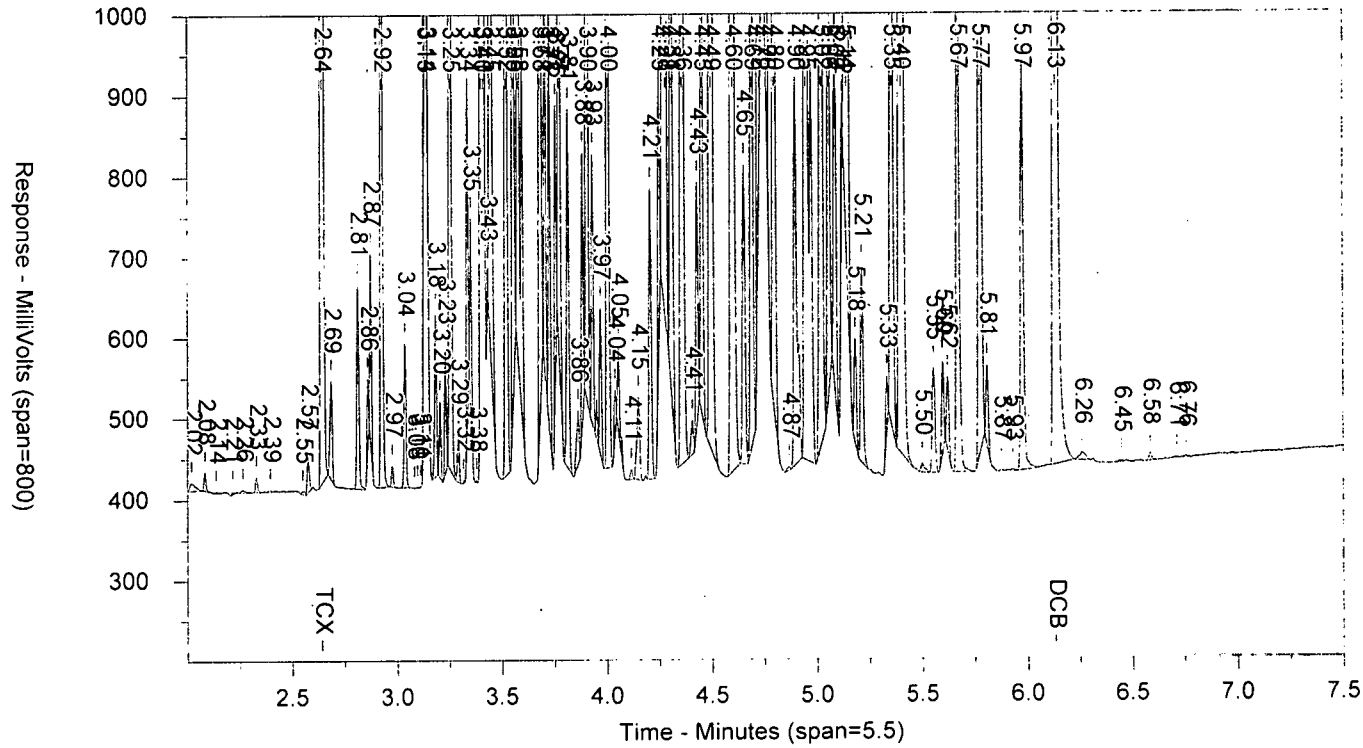

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:53:27 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.012.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.043		415	186
2.074		5984	9067
2.111		4761	11372
2.235		781	538
2.259		40939	29341
2.366		17745	17472
2.399		1365	1846
2.459		981	728
2.516		4747	6275
2.596		20792	14761
2.681		1542	1372
2.765		524	358
2.805		7114	6093
2.871		3980	2865
2.922		2618	2325
2.959	TCX	9198455	6321408
3.055		883	642
3.105		260700	231680
3.161		387451	318880
3.208		1667471	1201359
3.286		9047	4158
3.302		193121	134182
3.343		5406	4155
3.424		1675375	1018707
3.441		813819	417391
3.478		199158	115028
3.493		17436	6534
3.504		108985	59664
3.538		2129489	1659503
3.576		9900	5070
3.591		8255	4144
3.614		79285	53178
3.648		454012	264380
3.663		239563	122489
3.706		1003450	552577
3.717		2782033	1458028
3.754		2803036	2148443
3.812		2564393	1937598
3.854		171343	122900
3.882		1531755	1118504
3.908		1044768	860569
3.93		239818	136518
3.98		1193	459
4.006		1861264	1327136
4.03		602900	391134
4.061		686297	471440
4.095		2009083	1928187
4.134		577321	479435
4.181		95539	79617
4.221		116075	89336
4.256		1643814	1242656
4.272		290859	150630
4.298		512306	390169
4.368		270532	238949

RT A	Compound A	Height A	Area A
4.411		1922983	1861839
4.445		53003	36283
4.486		1185	646
4.508		18237	14719
4.549		167536	160461
4.6		221932	147208
4.617		427246	307559
4.661		1257335	1162924
4.711		1967142	2096728
4.748		392072	284043
4.787		4395058	4279050
4.831		23053	17545
4.873		742509	768214
4.907		50846	33504
4.934		796571	740338
4.986		6007472	7103654
5.037		992326	901184
5.077		2788282	2970892
5.119		14326	6306
5.157		475072	566800
5.19		7496748	7884931
5.257		3352841	3092477
5.3		2034005	1975648
5.394		837296	665804
5.419		3708028	3286612
5.476		1829887	1681832
5.514		1019492	1020116
5.556		184849	197131
5.597		1220628	1397888
5.654		10562870	10780820
5.745		9651	11579
5.802		3294	3311
5.858		6394905	5861110
5.889		299759	181866
5.913		1254975	1410586
5.99		532	366
6.003		1503	888
6.05		164527	175282
6.101		70792	59531
6.128		980281	933318
6.197		624	389
6.216		446	325
6.233		1477	1521
6.283		2478398	2507907
6.329		162555	159446
6.372		967	788
6.417		1803	1622
6.485		670662	710324
6.535		519	162
6.558		625	414
6.635	DCB	8092601	8733335
6.767		872	474
6.798		2079	2553
6.872		557	529
6.893		561	120
6.911		4773	5714
6.971		1176	1357

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:53:27 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.012.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.014		8759	18024
2.083		28869	19168
2.215		2368	1531
2.261		3404	5318
2.327		34621	22668
2.391		3788	19215
2.55		4785	5560
2.575		13420	8352
2.598		5555	3182
2.642	TCX	14837670	8530856
2.685		214714	167288
2.812		476153	314264
2.86		96531	43644
2.873		461617	245331
2.925		2601226	1547333
2.975		36300	21025
3.036		331832	210475
3.078		565	99
3.097		678	271
3.131		2152935	1071504
3.143		788929	302247
3.183		390099	241078
3.204		180735	100639
3.23		277419	160113
3.254		3221021	2079253
3.29		118813	70885
3.317		3763	1673
3.335		836375	440861
3.351		465080	229150
3.378		5465	2258
3.401		2287766	934898
3.411		4251492	1841466
3.431		114026	37471
3.445		3572933	2362923
3.519		3898437	2396458
3.553		2507195	1506078
3.577		2900724	2203385
3.68		3148939	2064446
3.703		1142210	623386
3.724		1033267	621880
3.753		681966	351688
3.77		2679353	1643883
3.812		866443	662812
3.86		130336	108407
3.882		687841	406926
3.903		3395321	2224923
3.929		722117	481548
3.967		364263	232635
4.002		2909367	1955404
4.053		291125	433239
4.113		25242	16936
4.147		195482	182870
4.181		9760	4700
4.204		723679	543972

RT B	Compound B	Height B	Area B
4.247		731703	429388
4.278		2848204	2782532
4.305		1105831	1120778
4.356		6738653	5155276
4.403		84788	67439
4.426		593898	412225
4.45		1394904	1004897
4.493		8533178	6492639
4.595		6802277	6456930
4.649		776902	656048
4.687		1713848	1505414
4.724		8788362	7208547
4.755		3945333	2838999
4.794		2836639	2226840
4.863		9273	10196
4.894		947852	1021000
4.944		5587798	5621674
5.018		2698494	2455671
5.054		1328108	1047394
5.083		1011725	821808
5.117		333873	197035
5.138		13774250	11388840
5.179		246902	193618
5.211		442952	397803
5.328		122892	81498
5.351		2568247	2125904
5.396		9527196	9772570
5.496		3074	1896
5.513		4946	3170
5.551		225937	203319
5.595		218953	166288
5.618		155648	113273
5.668		1511372	1325624
5.773		3628971	2981822
5.805		185399	141762
5.926		2709	2589
5.971		932231	857810
6.091		1807	1973
6.13	DCB	12391150	10749220
6.257		9263	17599
6.307		5171	4629
6.443		1578	1626
6.466		2277	2761
6.579		12517	13707
6.702		1781	2835
6.751		3019	2665
6.93		1669	3550

AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082

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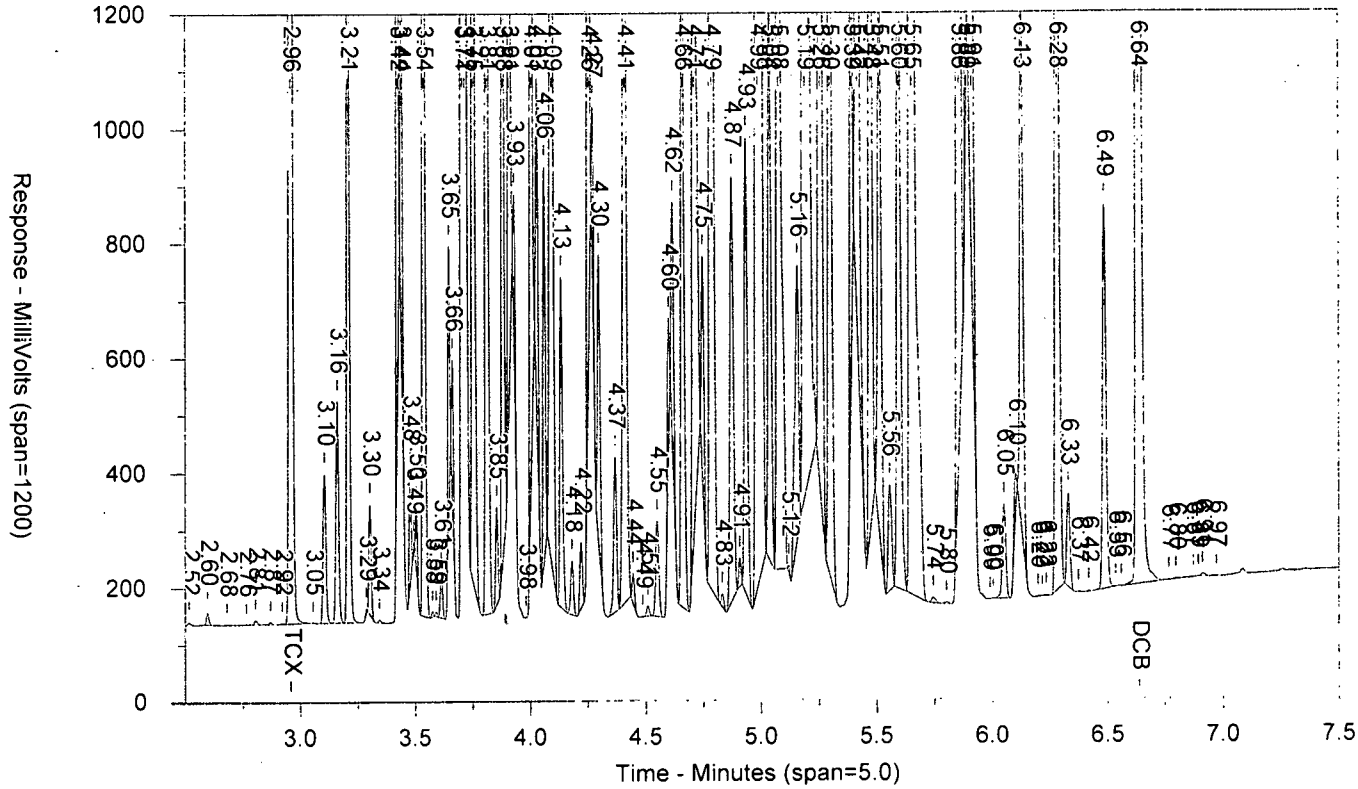

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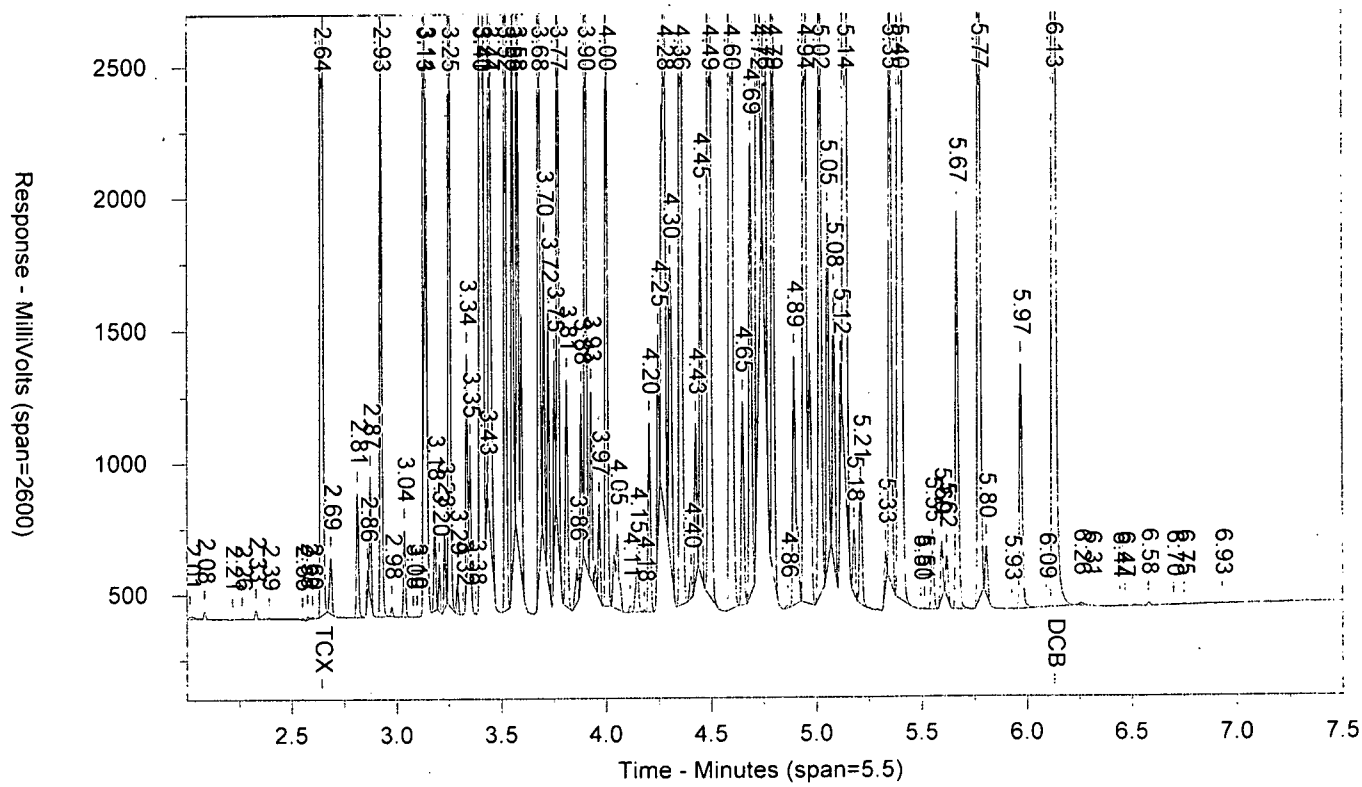

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 5:53:27 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	9198455	81.572	TCX	2.642	14837670	83.465	TCX
6.635	8092601	75.989	DCB	6.13	12391150	82.353	DCB

Files:
Area File: 25pcbs17257002.012.RAW
Area File: 25pcbs17257002B.012.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:01:58 PM
File Reported On: 9/14/2017 at 6:02:06 PM

AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082

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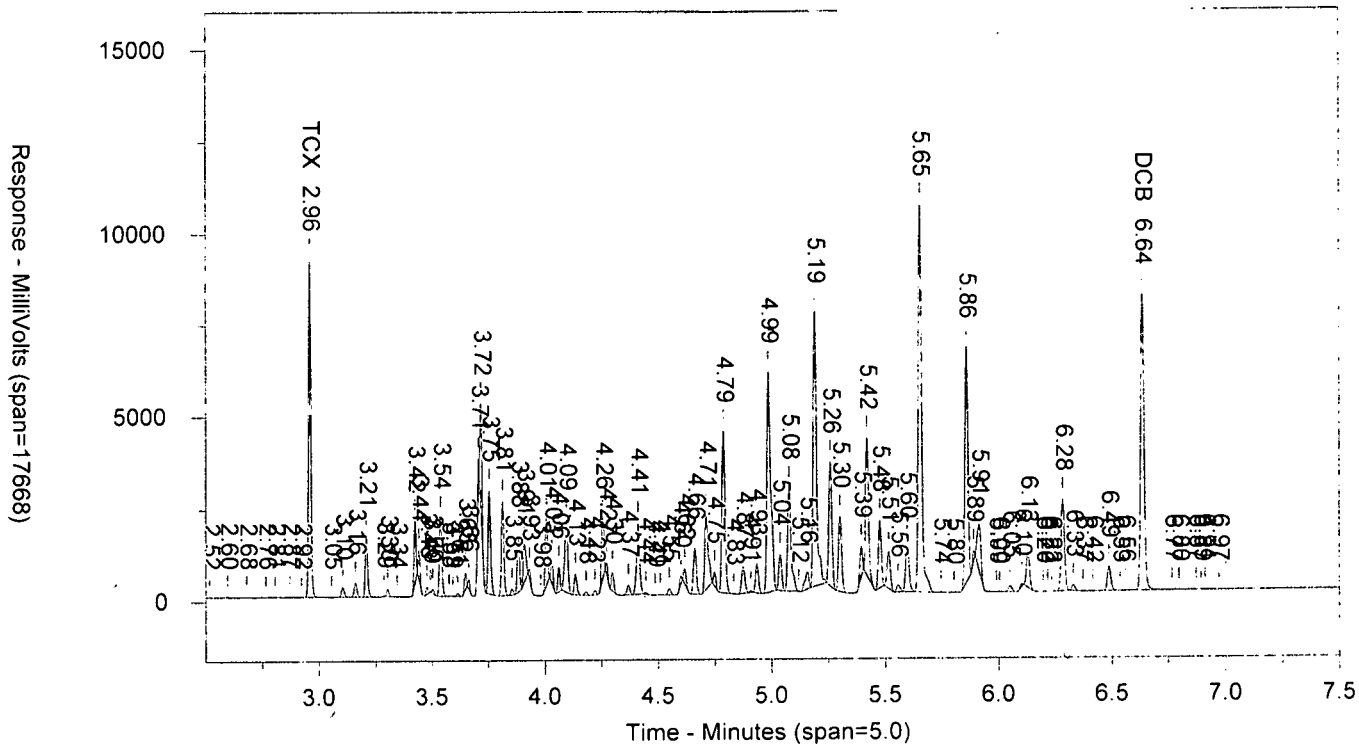

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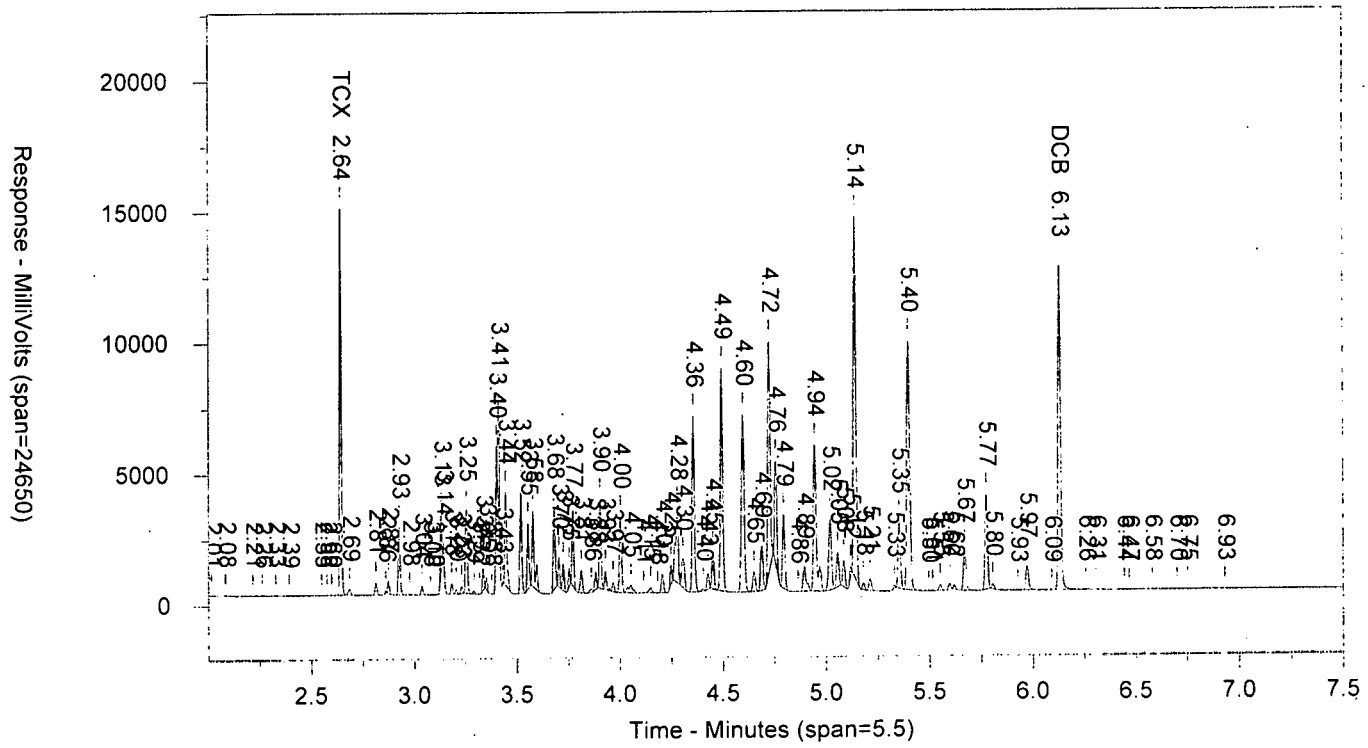

AR1661724A AAAR166AA ICAL 1725699999 10736 SW-846 8082

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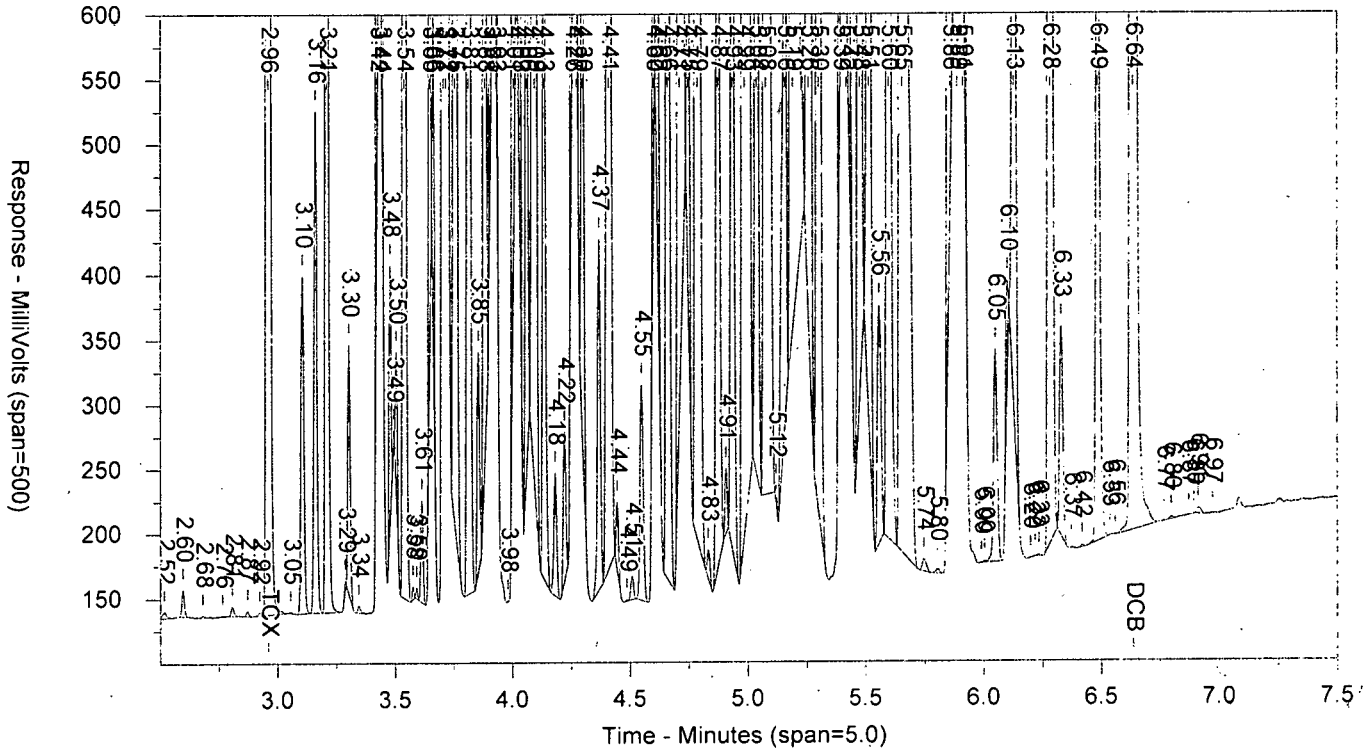

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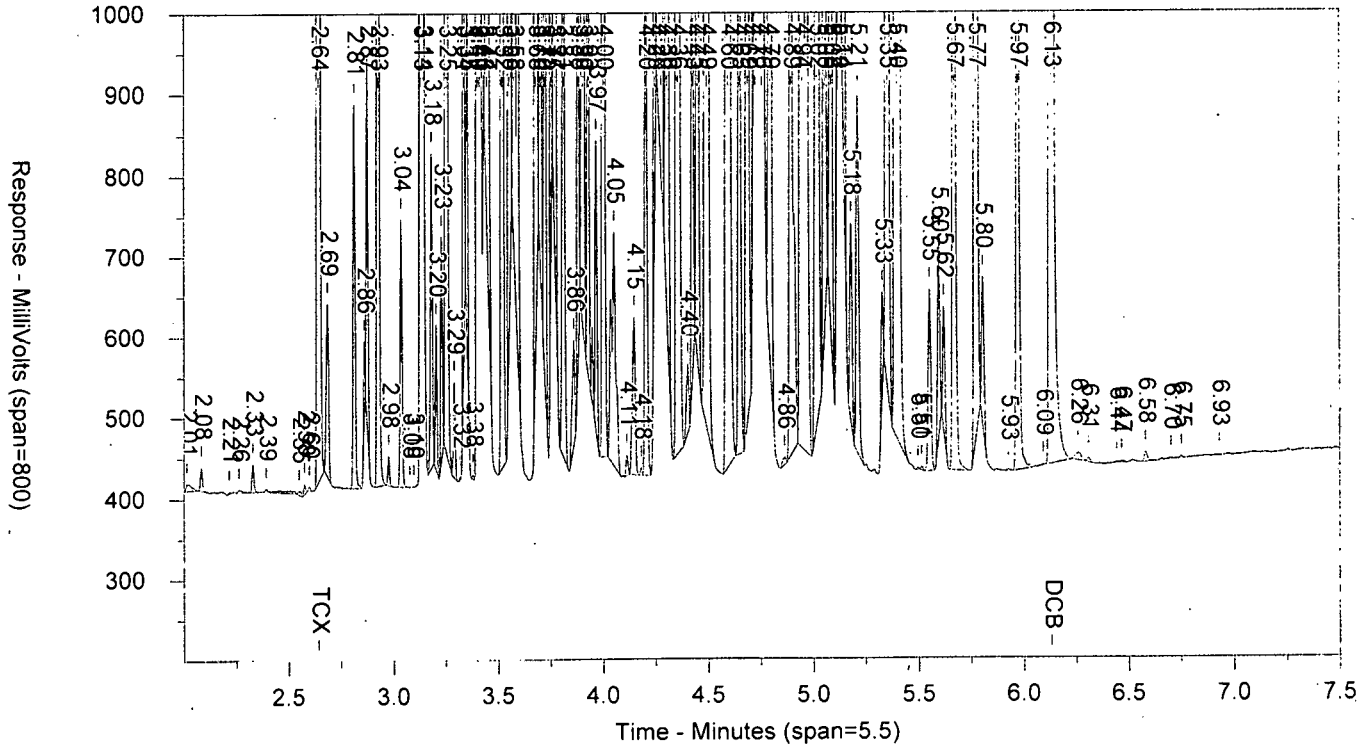

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:04:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.013.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		5534	7247
2.111		5454	14809
2.26		1218	1012
2.358		14994	10748
2.398		1448	2007
2.517		4218	5077
2.593		594	387
2.761		391	312
2.806		21244	22354
2.906		379	168
2.924		2440	1916
2.959	TCX	219522	148572
3.065		601	831
3.106		1803	2017
3.158		3558	3144
3.209		10218	7584
3.289		1681	1110
3.302		1047	527
3.345		409	150
3.395		304	224
3.425		28114	17298
3.442		7978	4162
3.48		2130	1370
3.54		28864	21888
3.631		1297	1093
3.65		5186	2868
3.708		27568	14724
3.719		28905	13119
3.756		35845	28400
3.814		40147	30708
3.856		5689	4138
3.884		70211	52354
3.911		42668	33779
3.933		13075	6720
3.959		1581	1154
4.007		79381	58895
4.032		21908	14329
4.064		26914	19291
4.097		67359	62191
4.138		22173	18146
4.184		2334	2003
4.224		6961	5378
4.257		49906	35971
4.276		67561	42877
4.3		80042	61737
4.37		6902	6508
4.406		75043	108714
4.447		16292	11163
4.489		851	591
4.512		3765	3219
4.552		22205	20706
4.603		32090	28064
4.636		17559	13658
4.664		54385	48207

RT A	Compound A	Height A	Area A
4.712		1193	802
4.747		21090	20284
4.791		5357	6158
4.838		4952	4666
4.879		38291	39174
4.936		2622	1943
4.958		1962	1424
5.004		8177	13653
5.076		37663	40361
5.121		932	697
5.159		2628	3144
5.193		11912	14420
5.264		1894	1683
5.308		849	843
5.36		3958	5737
5.4		2886	2184
5.42		1750	1335
5.481		1334	1626
5.518		669	712
5.579		182	707
5.597		2725	3071
5.658		4318	4306
5.682		2715	2963
5.731		469	200
5.772		516	669
5.796		609	646
5.82		684	729
5.862		4320	4029
5.894		541	315
5.915		1222	1319
5.957		6541	6657
5.989		2243	2544
6.051		816	550
6.117		866	747
6.132		758	443
6.169		617	507
6.193		766	670
6.283		3127	7825
6.32		3592	3859
6.381		360	703
6.423		765	174
6.454		738	354
6.49		2899	3002
6.545		2691	3790
6.638	DCB	247343	271230
6.695		1779	1538
6.72		368	163
6.785		196	536
6.804		897	1041
6.819		716	328
6.868		394	524
6.916		6114	8041
6.984		1303	1252

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:04:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.013.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.021		9702	28464
2.183		1772	1922
2.269		4121	16305
2.394		2273	5345
2.557		3336	3197
2.574		45973	37709
2.642	TCX	345775	208373
2.813		3515	4305
2.86		6539	7851
2.925		17666	13433
3.035		2903	2071
3.062		1125	358
3.086		1337	649
3.097		890	252
3.106		748	173
3.131		39501	20340
3.143		8778	3170
3.183		4283	2552
3.204		2020	1672
3.23		1562	1013
3.253		44609	29854
3.337		10005	5156
3.352		3978	2483
3.383		1410	515
3.402		49648	20831
3.412		45337	19436
3.432		8382	3508
3.446		43379	26158
3.521		66101	42600
3.555		112746	70611
3.578		106720	86005
3.682		139735	126347
3.726		43827	25918
3.755		20468	9935
3.772		89805	57753
3.814		36654	25956
3.862		6159	5312
3.883		66270	42257
3.907		147512	103010
3.931		105062	82497
4.004		52101	38013
4.04		93145	152170
4.115		6374	4697
4.15		32912	26796
4.207		53159	44524
4.24		29198	21736
4.268		78575	66764
4.361		36267	35523
4.398		7714	6353
4.431		50671	47142
4.496		9970	14782
4.596		9190	14014
4.65		49785	42897
4.727		15678	32130

RT B	Compound B	Height B	Area B
4.875		2261	2535
4.948		3194	2389
4.974		4922	4269
5.054		2036	2539
5.122		2158	1469
5.141		7262	6414
5.352		2678	2277
5.405		2286	1873
5.5		12392	13636
5.553		3196	4254
5.622		3696	5137
5.669		2637	3060
5.776		3657	3373
5.972		5275	9608
6.131	DCB	328112	327368
6.257		12075	40248
6.438		2473	4632
6.638		1170	3364
6.698		1879	2891
6.931		1828	12489

AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082

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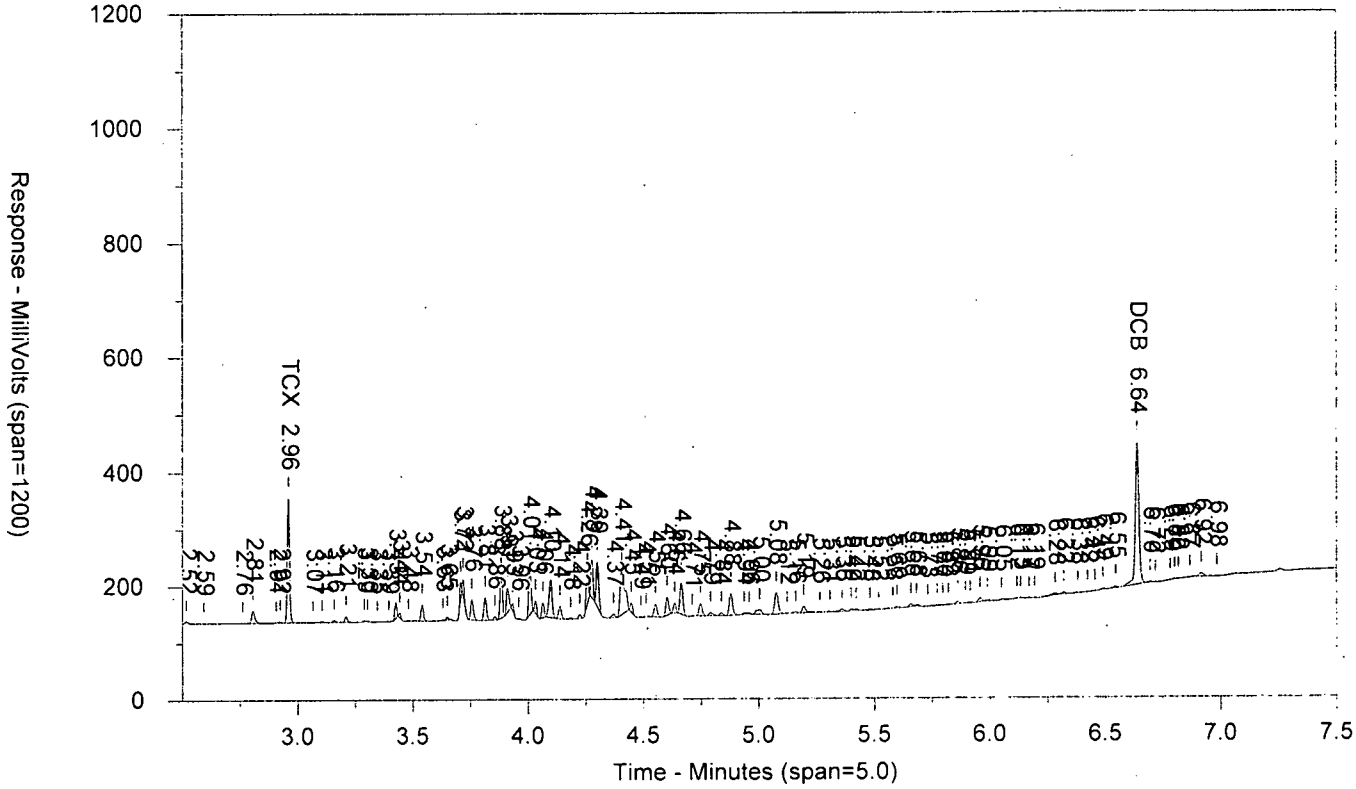

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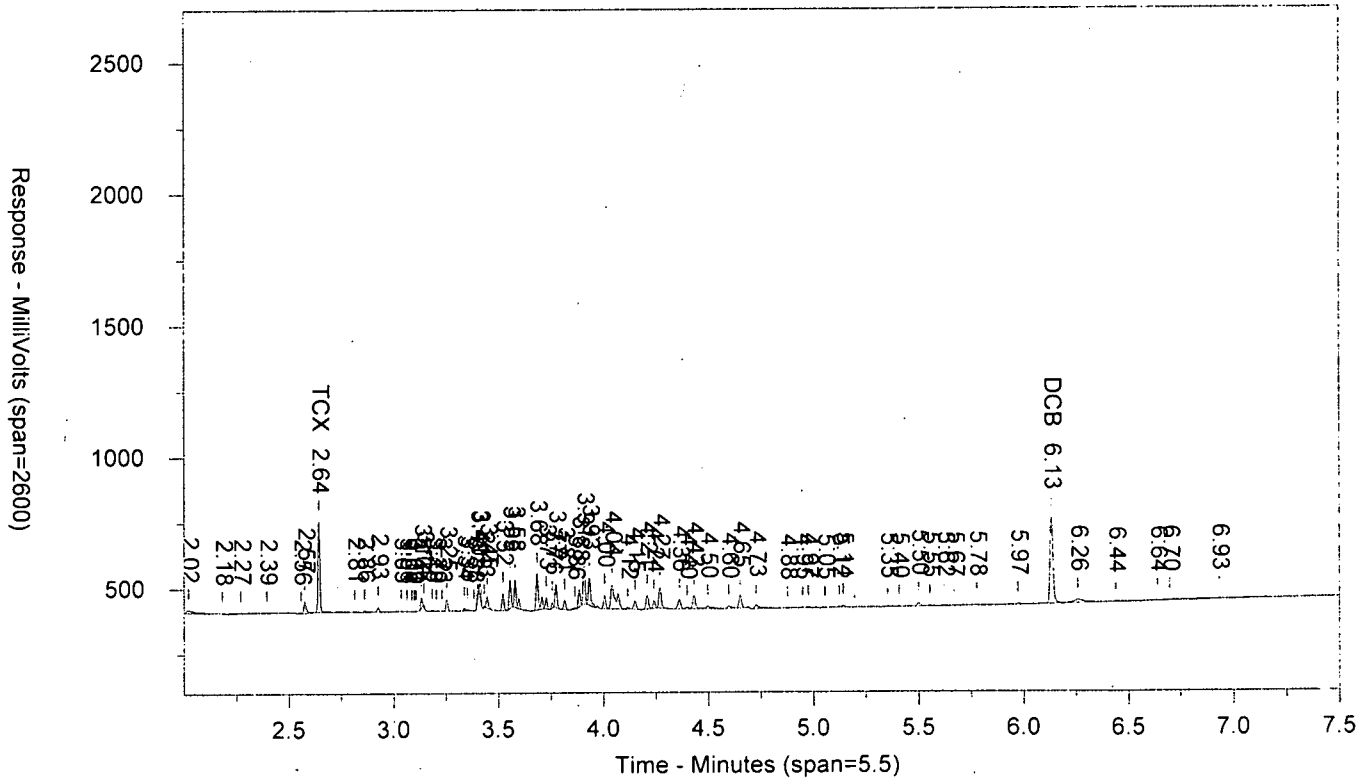

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:04:53 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	219522	1.931	TCX	2.642	345775	1.934	TCX
6.638	247343	2.323	DCB	6.131	328112	2.173	DCB

Files:
Area File: 25pcbs17257002.013.RAW
Area File: 25pcbs17257002B.013.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:13:26 PM
File Reported On: 9/14/2017 at 6:13:36 PM

AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082

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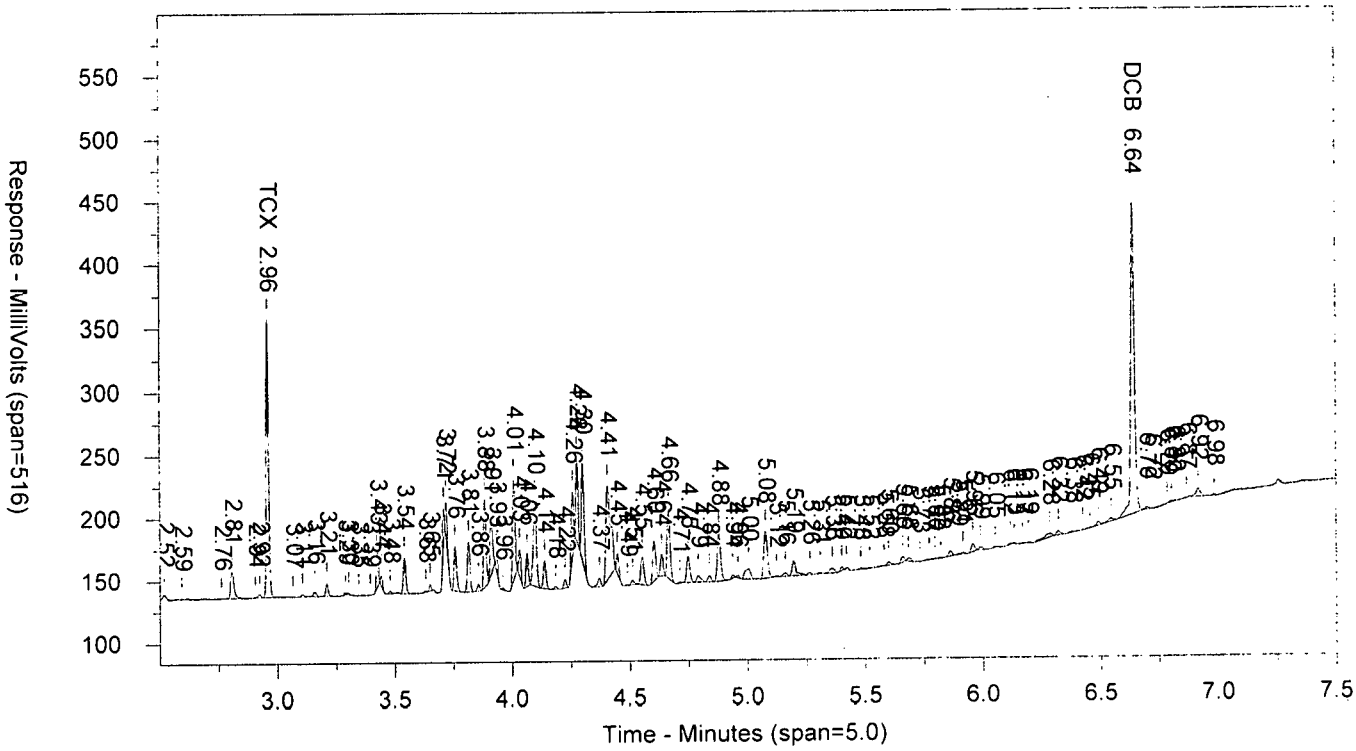

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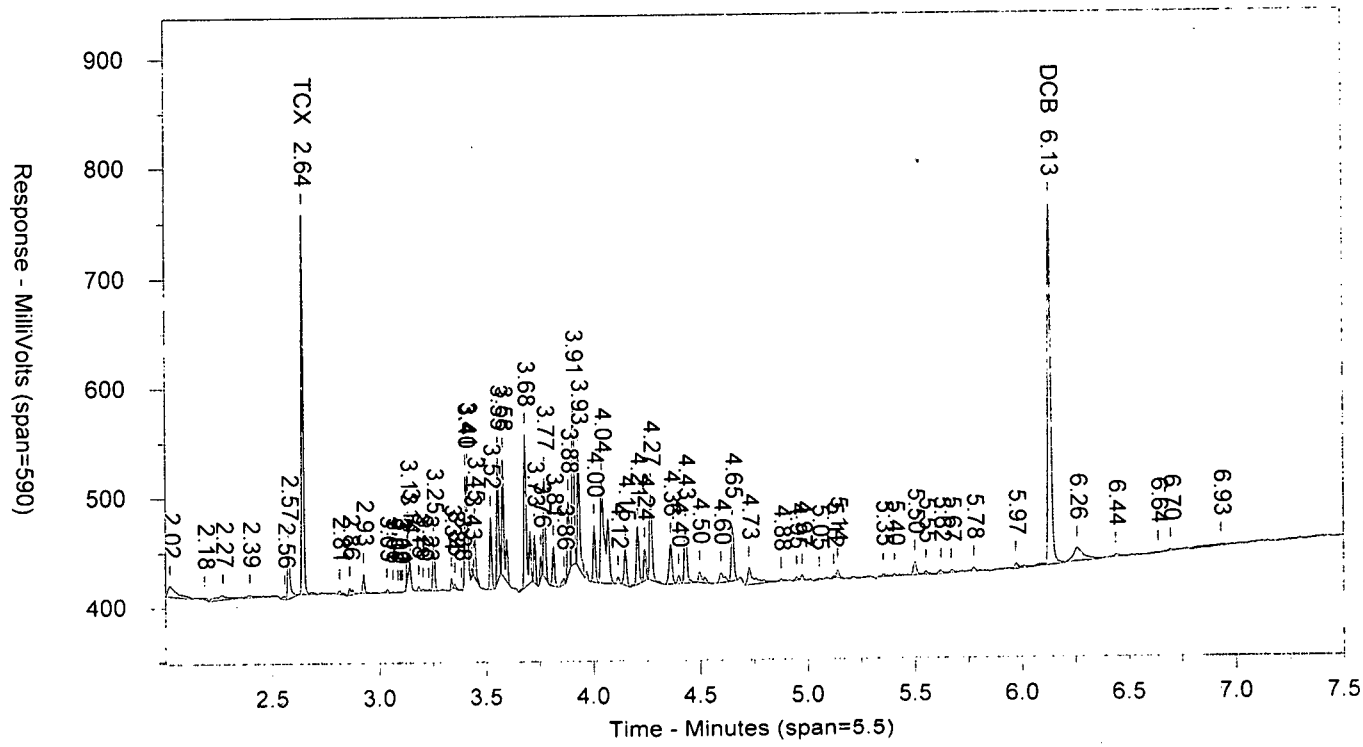

AR4811724C AAAR481AA ICAL 1725699999 10736 SW-846 8082

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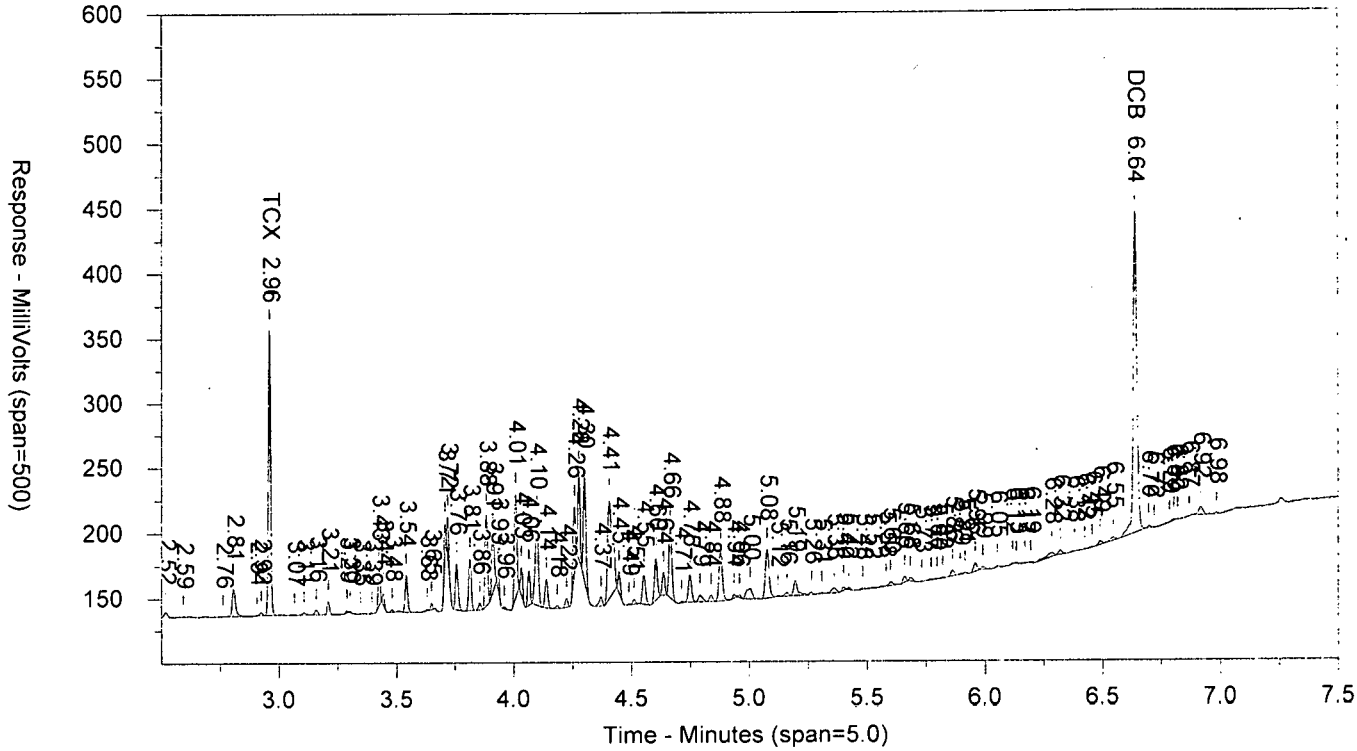

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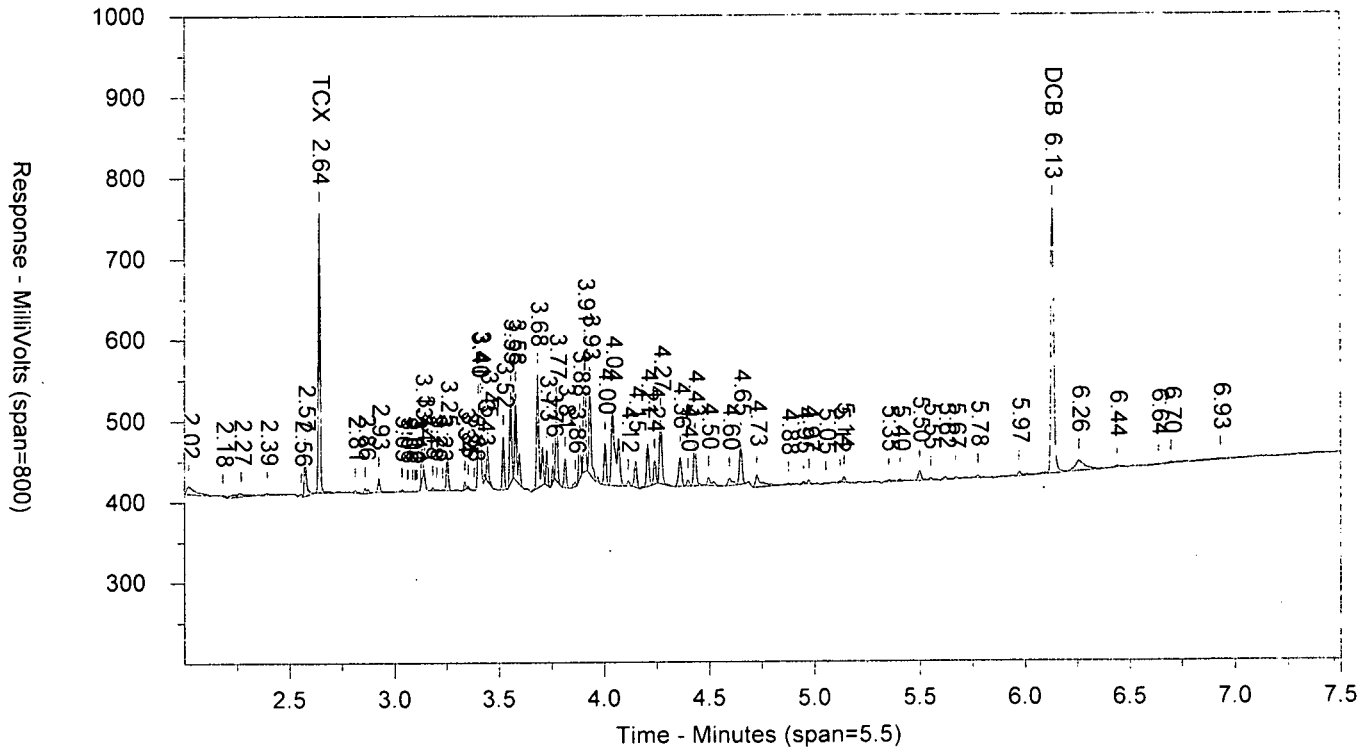

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:16:12 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.014.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6988	9429
2.11		6707	17771
2.259		2194	1510
2.301		401	298
2.358		449219	317159
2.395		3718	3279
2.468		1129	555
2.486		11381	8021
2.518		4310	3957
2.541		836	328
2.561		5480	3762
2.636		14996	10639
2.691		1080	934
2.763		874	765
2.806		32872	35953
2.922		3152	2855
2.96	TCX	441809	302121
2.999		727	396
3.046		914	1468
3.107		2733	2716
3.158		7092	6028
3.209		17895	13260
3.26		922	619
3.288		2425	1403
3.302		2810	1585
3.363		472	520
3.425		52440	32315
3.442		15522	7818
3.478		4122	2817
3.54		51663	40060
3.63		1216	1145
3.649		9325	5258
3.663		2549	1180
3.707		47419	25340
3.718		52082	24691
3.754		64383	51095
3.813		73784	57054
3.855		10513	7279
3.883		125116	94664
3.91		79494	62894
3.931		23576	12593
3.957		1715	1075
4.006		143217	107763
4.03		40984	25850
4.062		48512	35945
4.095		128922	117943
4.136		40367	35469
4.184		3155	2339
4.222		13196	10289
4.255		100175	70382
4.276		127824	81735
4.298		147961	113656
4.369		13063	12274
4.404		140756	209315

RT A	Compound A	Height A	Area A
4.446		33953	24202
4.487		1950	1257
4.509		8063	6411
4.55		40424	38402
4.601		62796	53419
4.633		34846	26248
4.663		102268	93346
4.712		1852	1290
4.746		38649	37837
4.789		9443	11599
4.836		10340	9457
4.876		72625	72152
4.935		1881	1355
4.956		4757	3795
5.001		13239	22738
5.043		884	719
5.073		74228	76103
5.121		1729	1288
5.152		2772	3719
5.192		20070	20599
5.232		1240	870
5.259		3192	2879
5.303		1822	1896
5.357		5236	8023
5.398		6501	5457
5.419		2319	2204
5.479		1845	1737
5.519		828	818
5.557		1232	1427
5.596		3966	3790
5.621		440	293
5.657		6373	5501
5.682		4213	4442
5.761		694	596
5.822		359	337
5.859		5342	5193
5.917		2452	3292
5.955		5187	4917
5.989		2551	2929
6.051		3077	3542
6.116		2727	4066
6.17		362	208
6.19		1206	1207
6.282		4273	12004
6.318		3228	3772
6.415		527	1315
6.488		5299	6089
6.543		2521	3665
6.636	DCB	454506	505308
6.694		1544	1772
6.744		488	190
6.799		793	992
6.83		381	84
6.871		537	319
6.916		6054	7430
6.953		365	132
6.966		538	178
6.978		432	142

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:16:12 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.014.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.021		23154	165074
2.159		9051	41317
2.186		14776	10988
2.233		6888	7193
2.265		32880	26673
2.394		4182	4513
2.465		4265	4453
2.554		4485	4210
2.575		82455	74754
2.642	TCX	684769	408405
2.683		2237	1988
2.728		1560	968
2.813		5520	6732
2.86		9738	5185
2.873		4894	2173
2.926		29775	18170
2.948		2122	1168
2.976		2517	1832
3.038		6728	4207
3.088		1008	395
3.099		702	238
3.116		430	77
3.132		74606	37236
3.143		10074	3677
3.174		428	49
3.182		3761	1990
3.201		3273	3122
3.229		2790	1346
3.254		78452	53907
3.29		2080	1576
3.336		17931	9223
3.352		6352	3418
3.38		1735	838
3.402		77966	38307
3.411		83422	33767
3.431		16914	6725
3.445		78326	47239
3.519		117098	76318
3.553		195254	124414
3.577		180145	153371
3.662		4657	2537
3.681		229727	149848
3.704		77544	42636
3.724		81457	48218
3.754		35518	17579
3.77		162135	100636
3.812		67003	48449
3.86		12331	10472
3.882		132246	82050
3.905		302753	195997
3.929		218226	156704
3.967		16466	9717
4.003		98609	71202
4.038		154430	134363

RT B	Compound B	Height B	Area B
4.067		82478	49683
4.113		12056	8790
4.148		60972	48772
4.206		99422	79184
4.238		60075	42094
4.266		152912	118699
4.303		3226	2796
4.359		64233	64724
4.395		16315	12055
4.428		105414	86697
4.494		14657	10035
4.521		7059	5353
4.593		17181	20511
4.647		102113	80049
4.679		6044	7060
4.725		31107	54609
4.868		2970	3893
4.944		4206	3518
4.969		8429	10381
5.052		2392	3782
5.086		2241	2242
5.118		4033	2468
5.138		10089	8779
5.354		6254	11425
5.403		5220	6761
5.497		9648	11465
5.553		5539	7137
5.62		5686	6587
5.672		3676	3815
5.771		3929	6494
5.971		7730	6384
6.081		1744	1186
6.13	DCB	643423	610343
6.257		12156	39552
6.432		3417	3898
6.509		1956	6886
6.558		1368	2309
6.749		3374	10475
6.874		2426	8154

AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082

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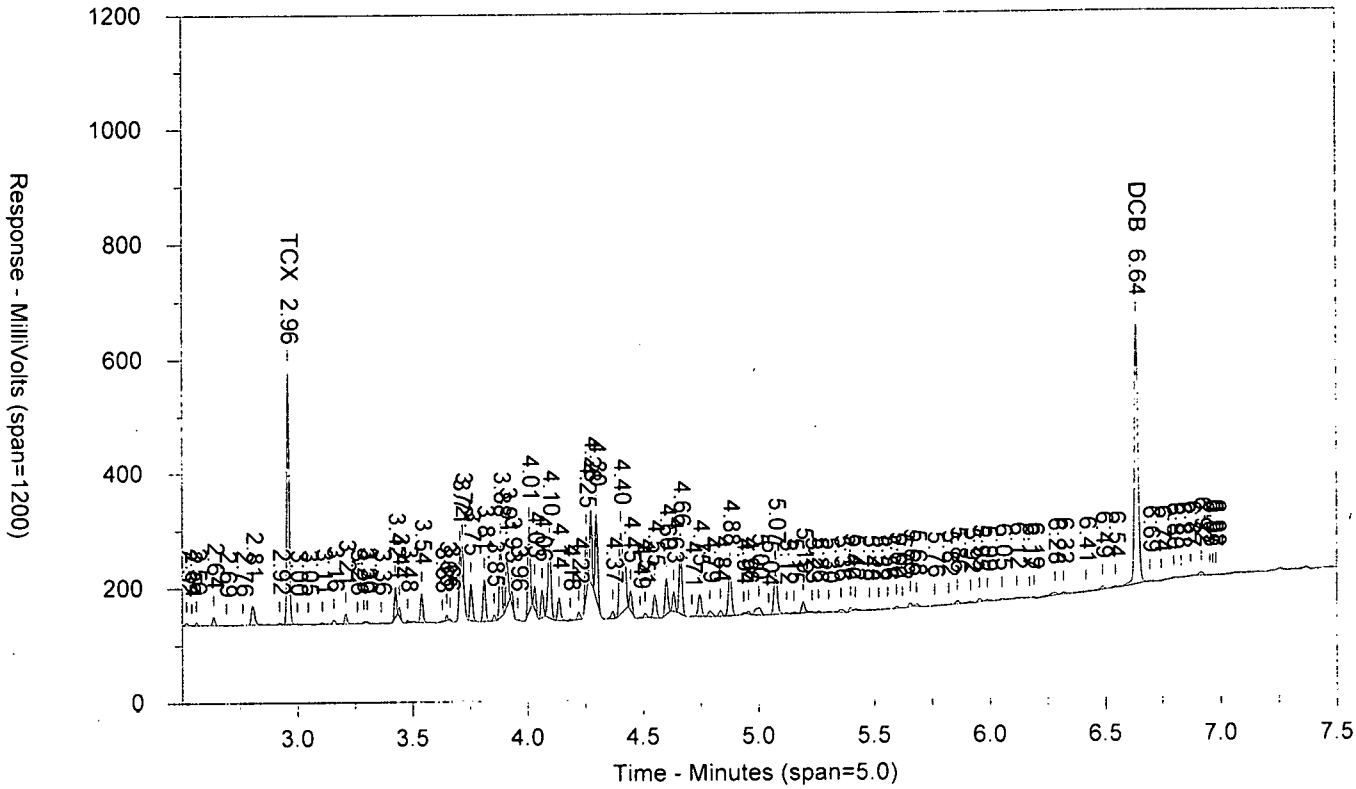

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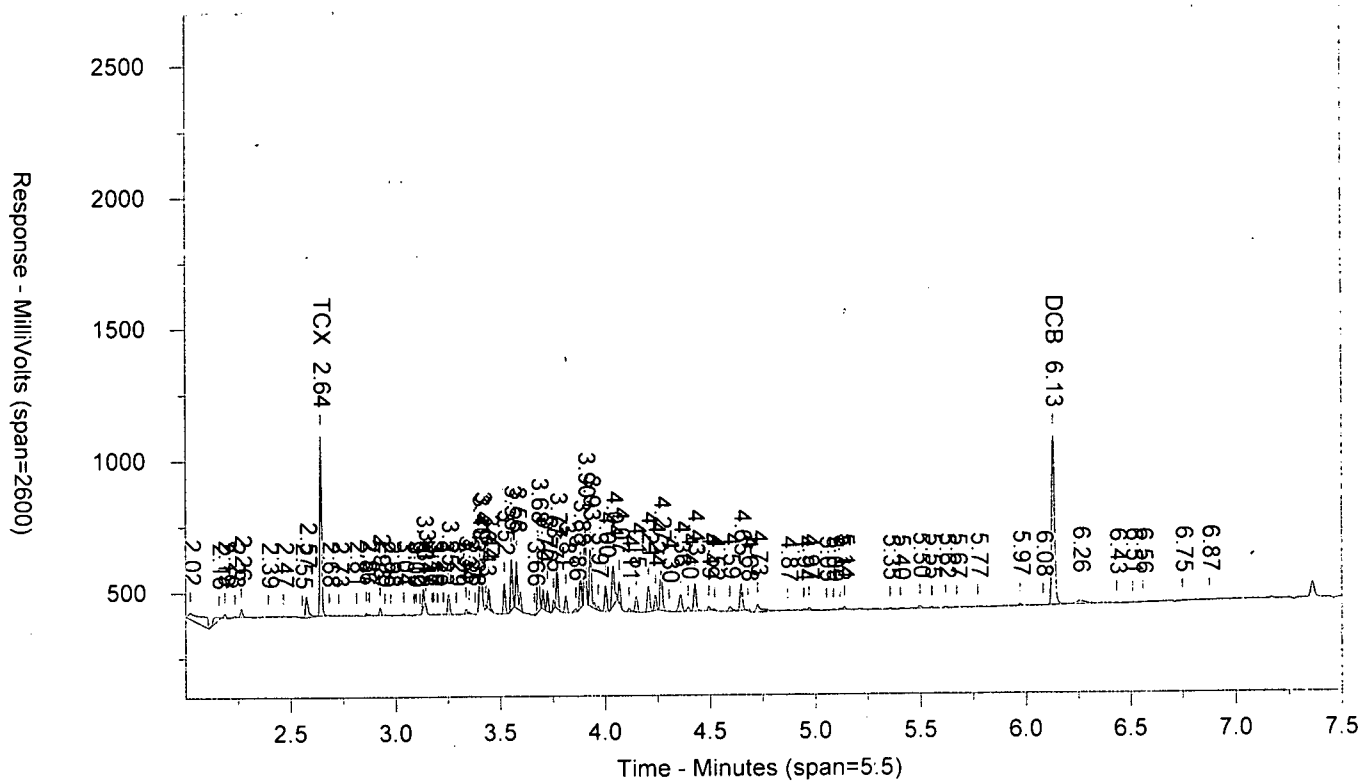

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:16:12 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	441809	3.887	TCX	2.642	684769	3.831	TCX
6.636	454506	4.268	DCB	6.13	643423	4.261	DCB

Files:
Area File: 25pcbs17257002.014.RAW
Area File: 25pcbs17257002B.014.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:24:43 PM
File Reported On: 9/14/2017 at 6:24:55 PM

AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082

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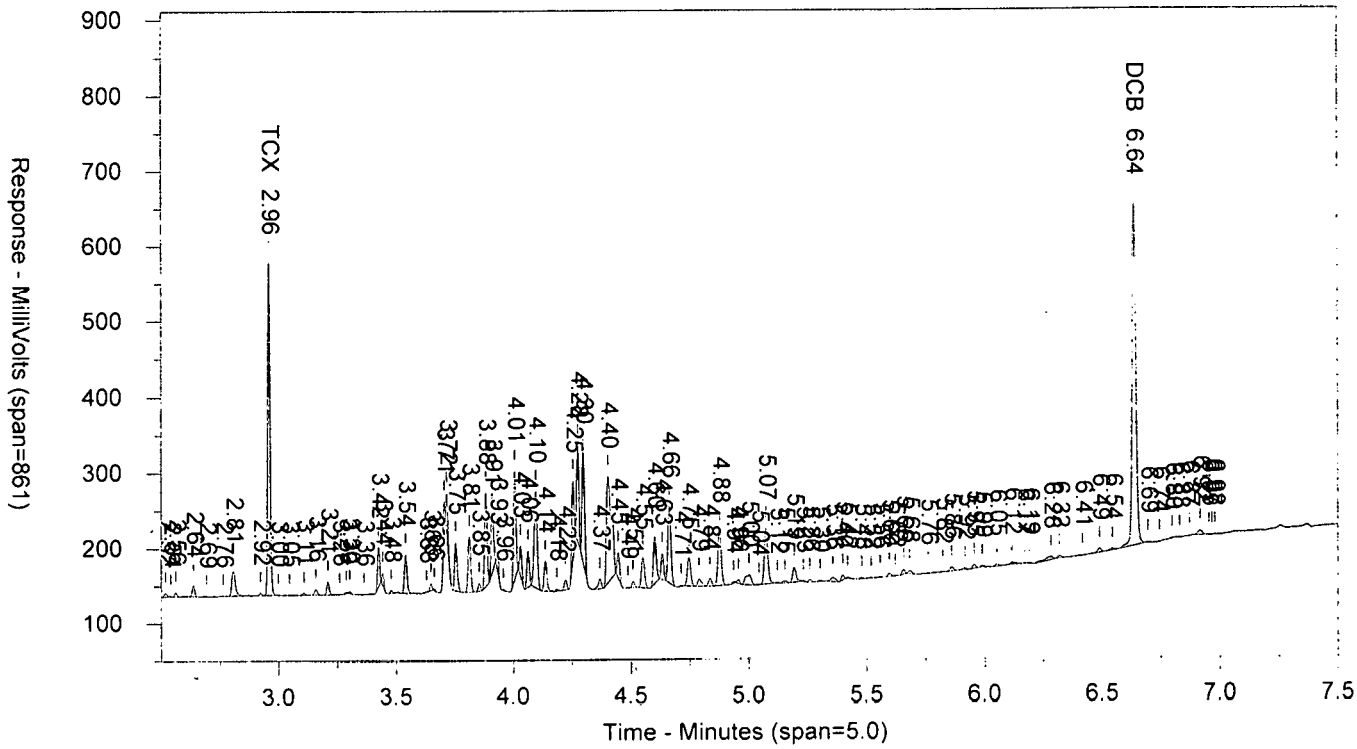

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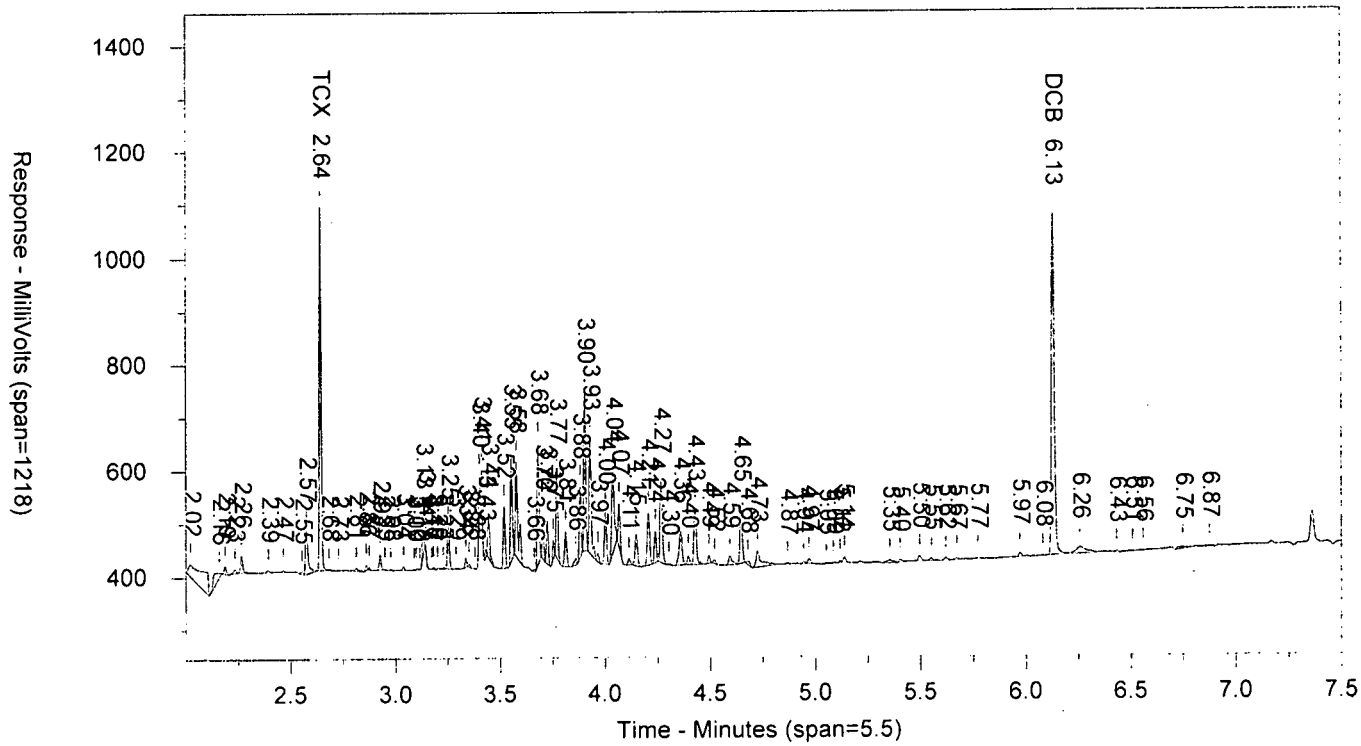

AR4821724C AAAR482AA ICAL 1725699999 10736 SW-846 8082

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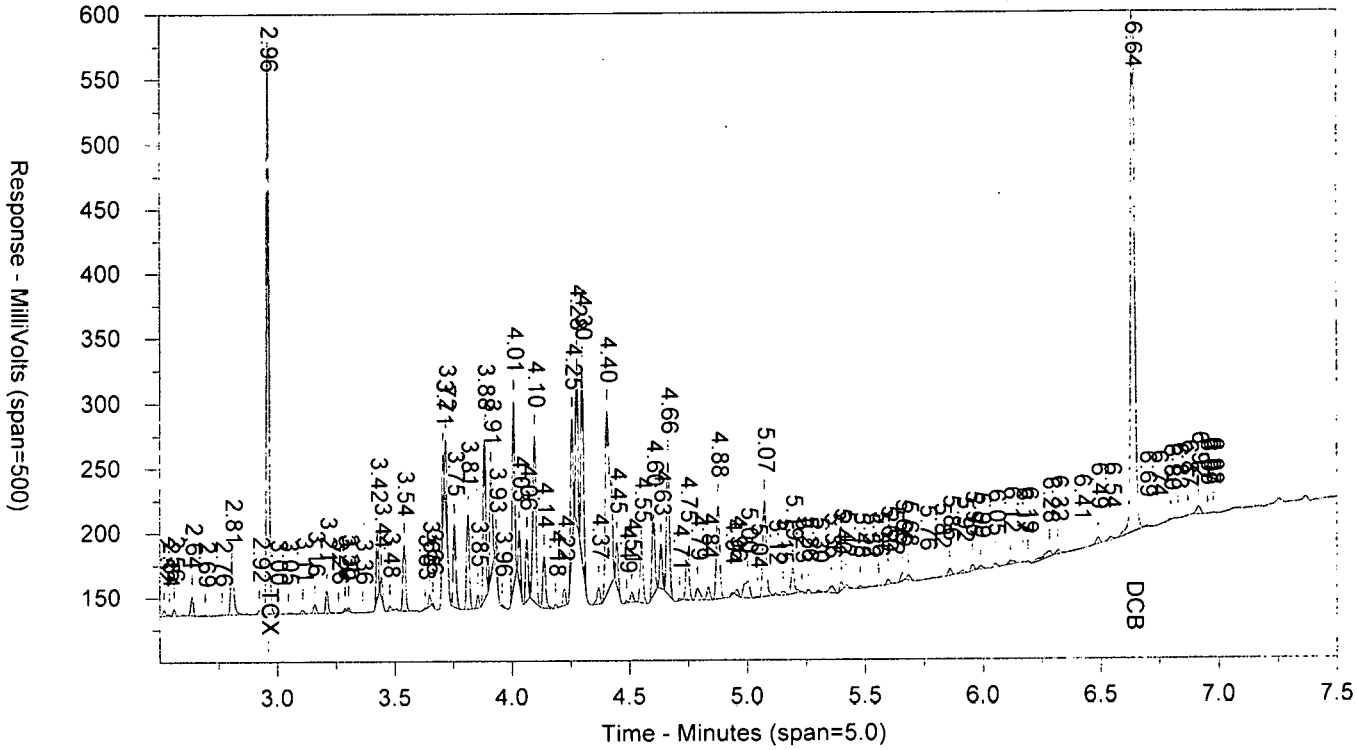

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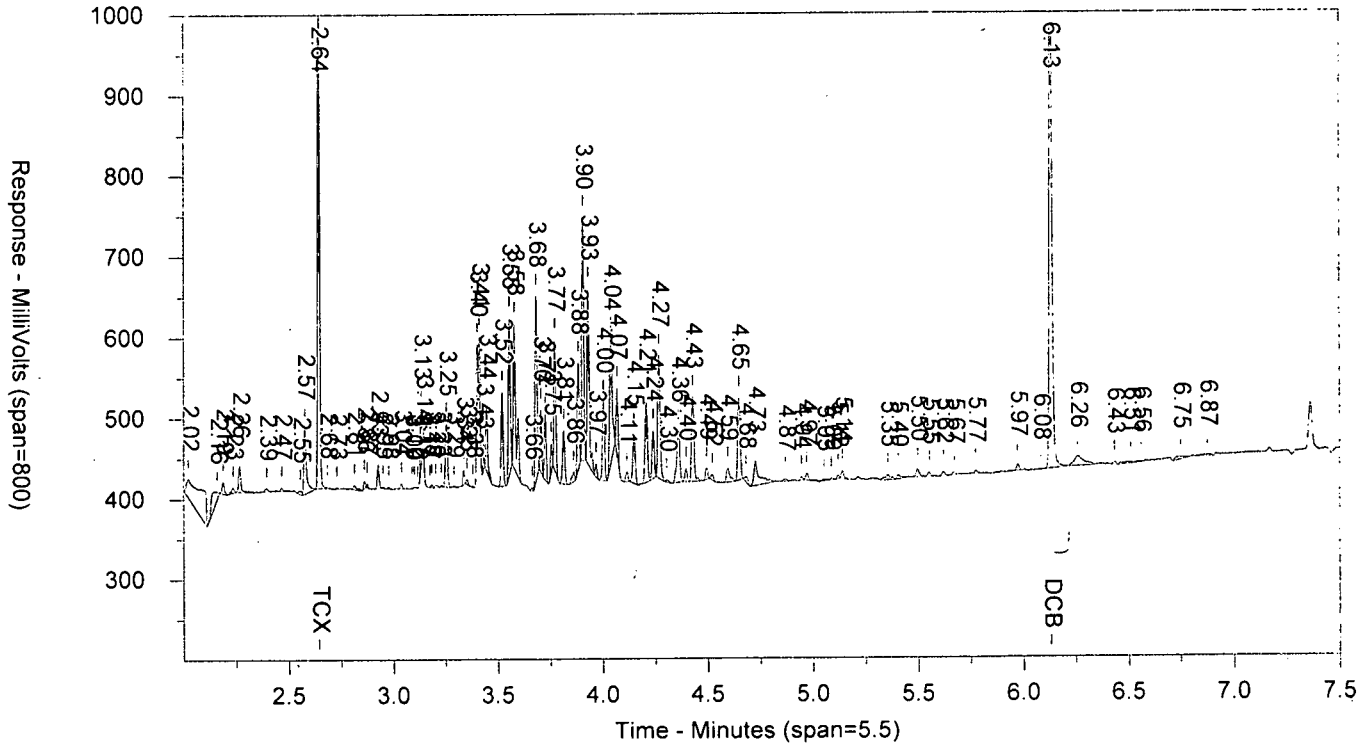

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:27:31 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.015.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6034	8001
2.109		6252	16641
2.259		11322	8060
2.358		12365	11162
2.396		1710	1897
2.516		4399	5505
2.56		310	213
2.592		763	541
2.684		364	435
2.744		332	240
2.778		263	364
2.805		18535	20122
2.922		2714	2527
2.959	TCX	2177983	1482210
3.06		856	1091
3.104		5589	4925
3.156		30718	23043
3.208		35646	25478
3.286		5375	3017
3.302		5323	2969
3.398		381	304
3.424		104043	64186
3.441		31927	15558
3.478		8181	5220
3.505		1711	986
3.539		101749	78860
3.578		351	216
3.596		1598	755
3.614		1053	564
3.63		626	290
3.649		20051	11370
3.663		4890	2351
3.706		81001	50417
3.717		91910	44230
3.754		122011	99481
3.812		142649	111836
3.855		19084	13958
3.882		224628	171616
3.91		138543	113009
3.932		42855	23108
4.006		255681	198761
4.03		76690	50026
4.062		92514	68159
4.095		226036	216875
4.135		79029	64722
4.182		8669	7396
4.222		25035	19900
4.255		176309	119489
4.275		222077	142828
4.298		266678	207532
4.369		25331	23260
4.404		252567	385208
4.446		57671	41465
4.486		3572	2400

RT A	Compound A	Height A	Area A
4.509		14548	11474
4.551		79244	75916
4.601		117143	102572
4.633		61467	48877
4.663		191359	175768
4.712		3246	2413
4.746		75914	73461
4.789		17706	21986
4.835		18951	17846
4.876		135759	137619
4.911		2580	1666
4.957		11758	17199
4.989		7039	5768
5.002		5781	4148
5.038		2387	1862
5.074		138805	145571
5.122		3201	2484
5.153		6460	8012
5.193		38955	38866
5.232		1773	1161
5.259		5517	4967
5.302		2934	2750
5.358		3288	4356
5.398		11881	9683
5.422		5031	3417
5.478		2909	2673
5.517		1387	1588
5.555		4539	4294
5.597		7224	6782
5.62		754	512
5.657		12356	10276
5.68		7533	6685
5.737		428	279
5.763		536	488
5.783		341	108
5.86		10845	10434
5.914		4257	6495
5.955		3355	3483
5.991		2689	3288
6.051		13613	13123
6.115		12417	17171
6.192		967	1242
6.234		615	925
6.249		639	213
6.284		6102	7692
6.317		3012	3926
6.412		499	1061
6.46		606	591
6.487		21244	22926
6.54		2141	2832
6.636	DCB	2012587	2214338
6.802		807	1131
6.852		757	434
6.913		6038	9699
6.982		902	647

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:27:31 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.015.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.018		10867	21214
2.082		7349	5649
2.139		1150	1299
2.231		1675	3482
2.26		3289	4463
2.548		10528	7677
2.574		44916	45884
2.642	TCX	3412453	1973225
2.812		10511	10365
2.859		48858	37179
2.925		61875	37593
2.974		9100	6475
3.036		12583	8061
3.068		720	145
3.077		782	89
3.086		579	149
3.094		605	120
3.114		243	42
3.131		143113	72621
3.141		18489	6513
3.182		14091	8362
3.202		3744	2404
3.231		5475	2947
3.253		151784	104002
3.291		3142	1958
3.317		2609	1169
3.335		35203	18334
3.351		12678	6176
3.401		148344	66956
3.411		154241	64028
3.431		31950	12461
3.445		144736	90229
3.519		221303	142745
3.554		366805	230271
3.577		351494	286614
3.681		444140	294628
3.704		144810	78500
3.724		147070	89557
3.754		69714	33697
3.771		301087	194292
3.812		126074	91544
3.86		22352	19207
3.882		229648	147822
3.905		536171	358097
3.93		380315	286843
3.967		33016	18103
4.003		175861	132156
4.038		281516	243200
4.068		141480	89090
4.114		23432	16712
4.148		111768	91608
4.205		183436	146492
4.239		105023	70345
4.266		269695	220304

RT B	Compound B	Height B	Area B
4.36		121418	122081
4.396		27546	21273
4.429		183313	167360
4.494		24778	17386
4.521		13905	10846
4.594		31886	35164
4.648		182629	157812
4.688		9270	9975
4.725		47190	43336
4.793		3588	2733
4.873		2616	2458
4.916		2199	1611
4.945		7678	6185
4.972		18322	14764
5.016		3210	2769
5.054		2747	2744
5.089		6298	5722
5.118		6342	4320
5.139		15968	13589
5.212		11982	19130
5.353		8185	10034
5.398		10056	11207
5.497		7185	8245
5.552		21089	20972
5.62		19045	18643
5.671		8821	11556
5.776		9208	8350
5.91		1479	3049
5.973		32561	35606
6.13	DCB	2980604	2705434
6.257		10140	27940
6.58		3563	3722
6.698		2059	3352
6.889		1324	5575

AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082

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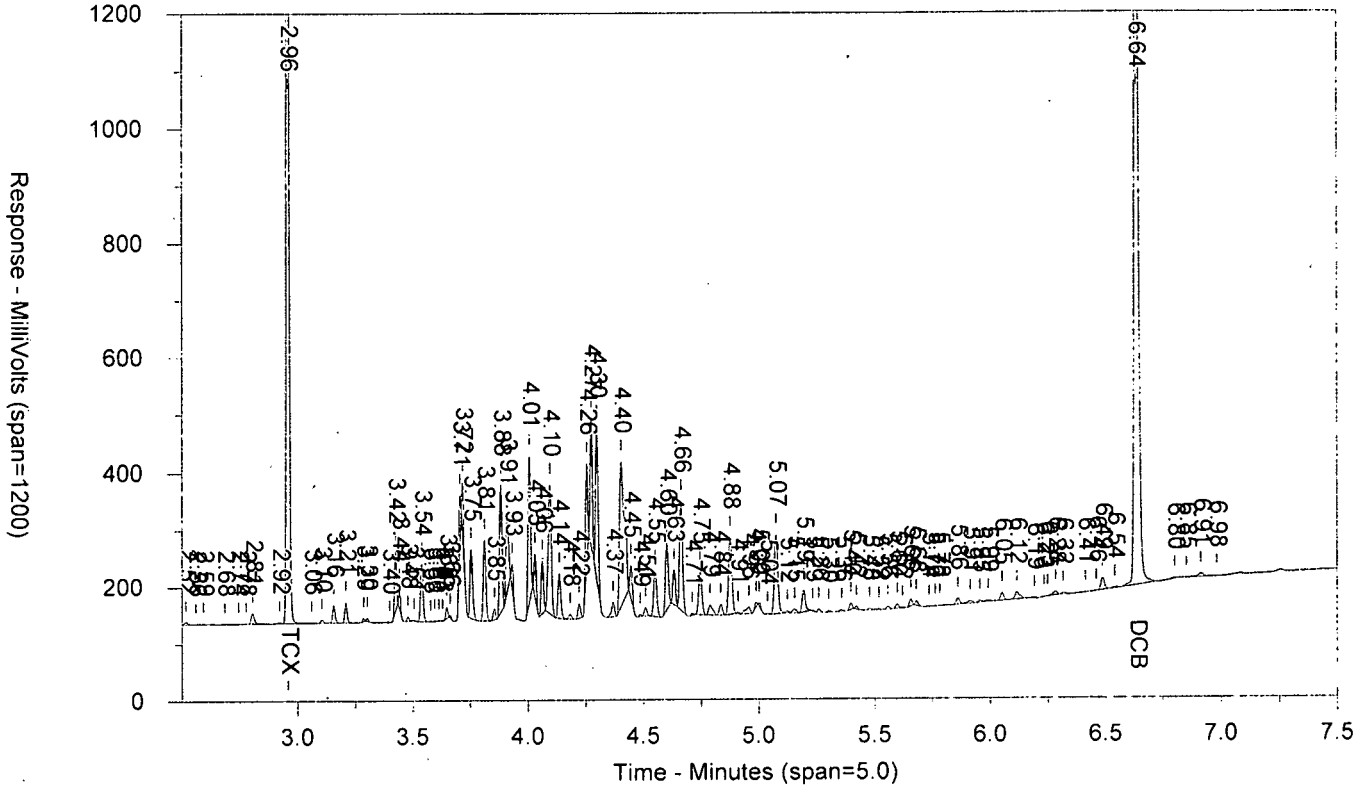

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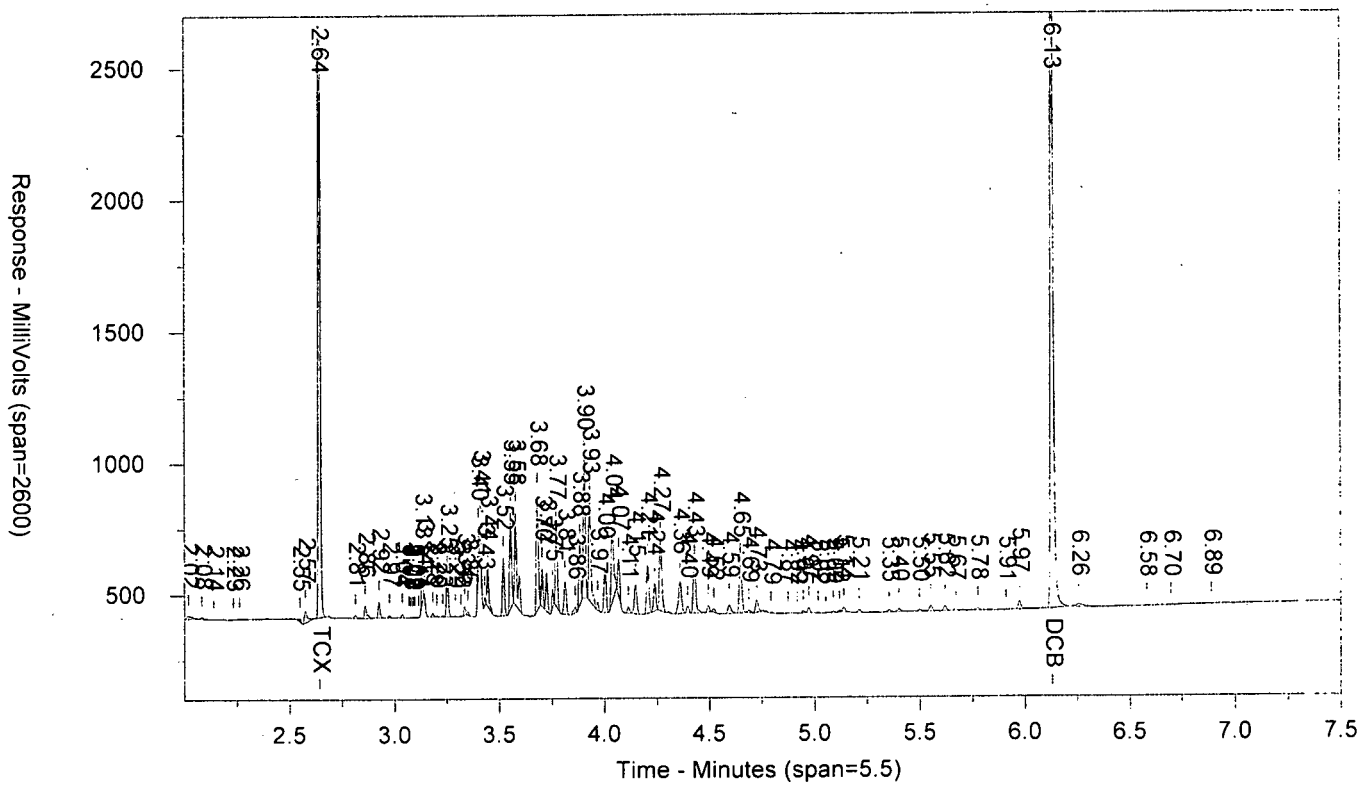

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:27:31 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	2177983	19.161	TCX	2.642	3412453	19.091	TCX
6.636	2012587	18.9	DCB	6.13	2980604	19.74	DCB

Files:
Area File: 25pcbs17257002.015.RAW
Area File: 25pcbs17257002B.015.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:36:01 PM
File Reported On: 9/14/2017 at 6:36:17 PM

AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082

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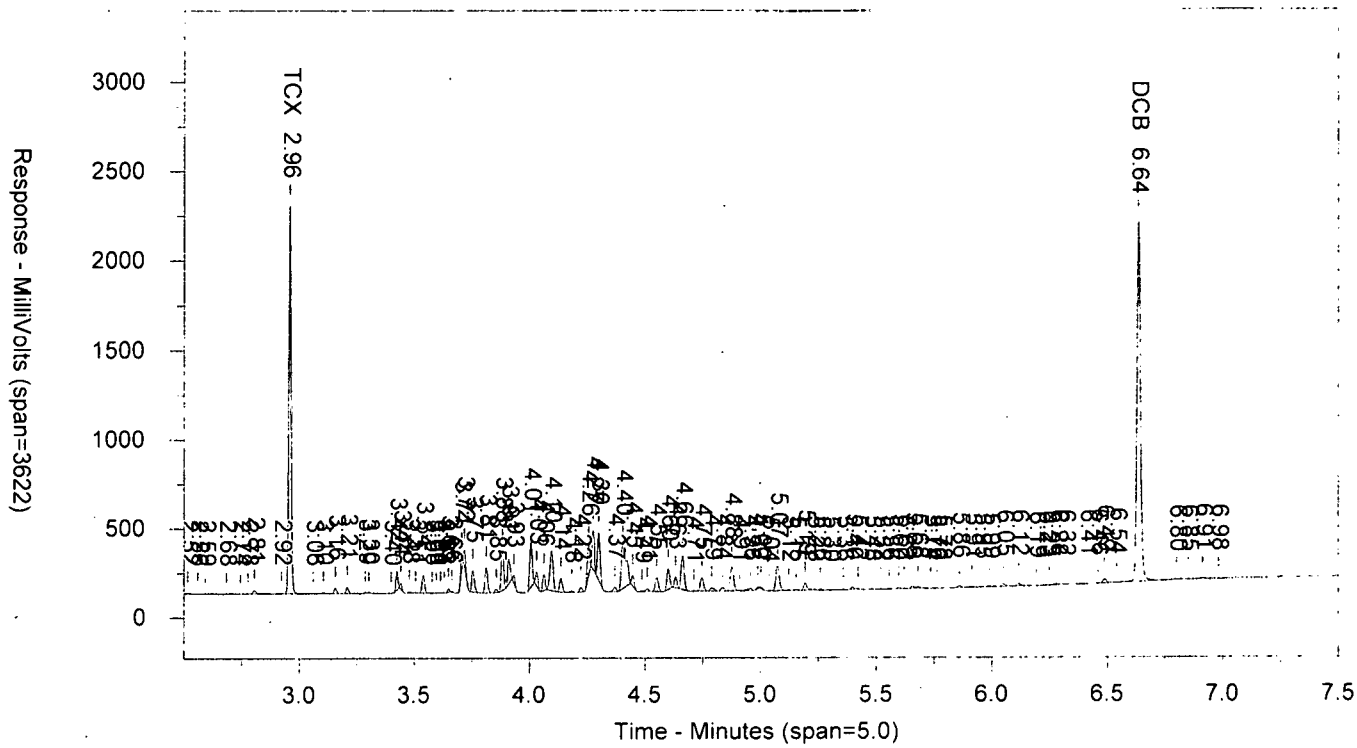

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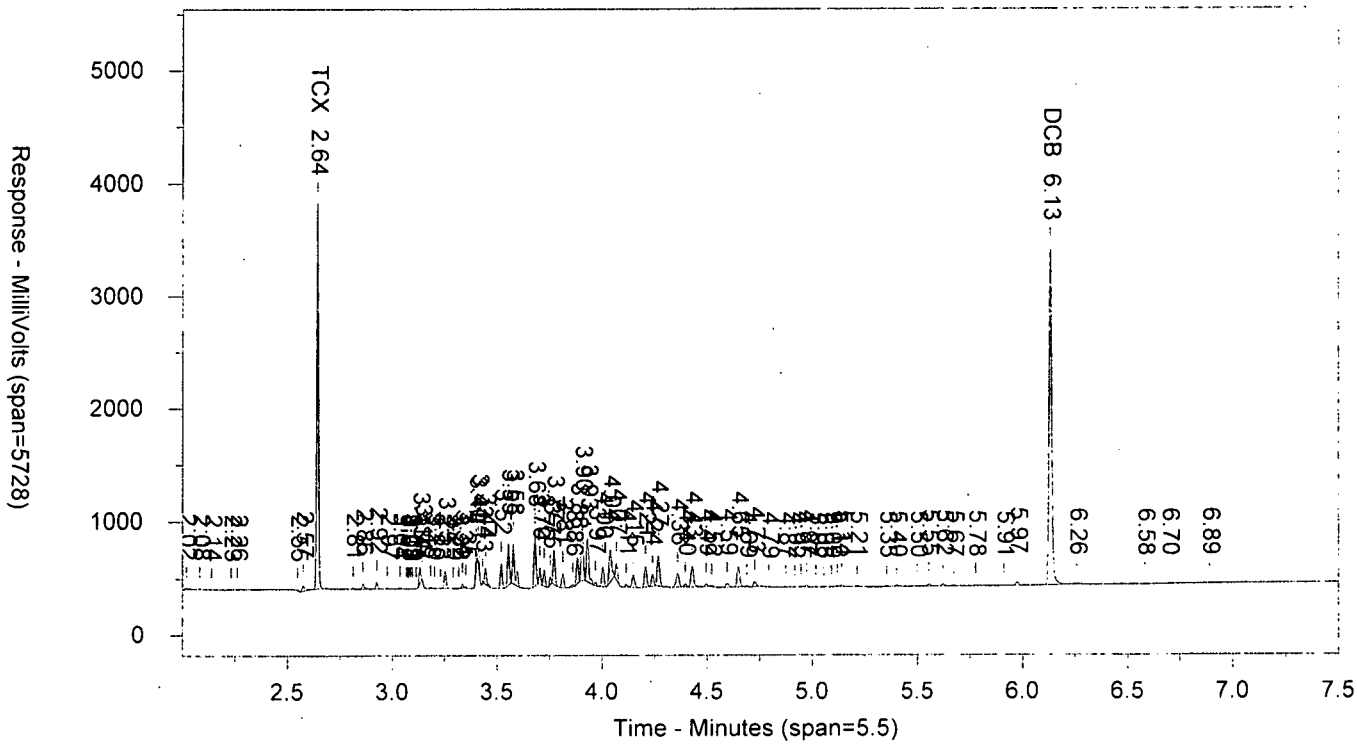

AR4831724C AAAR483AA ICAL 1725699999 10736 SW-846 8082

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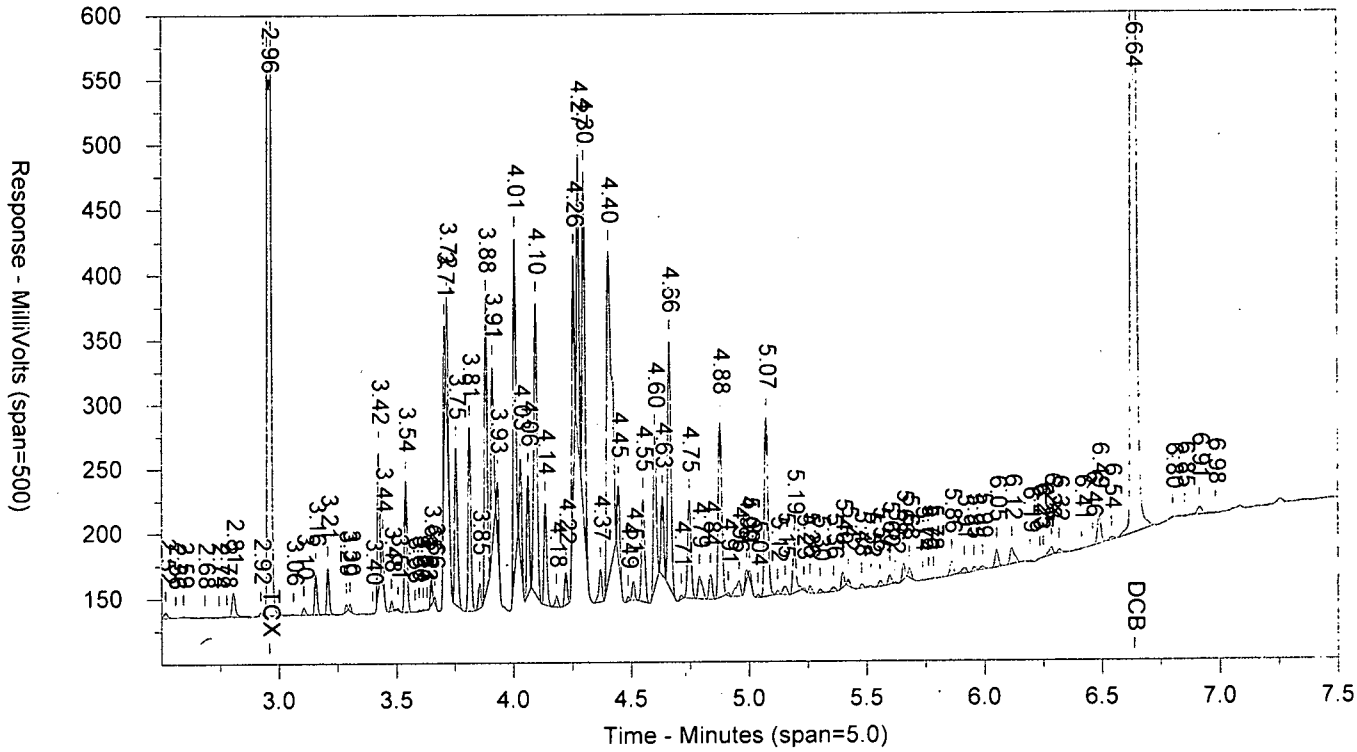

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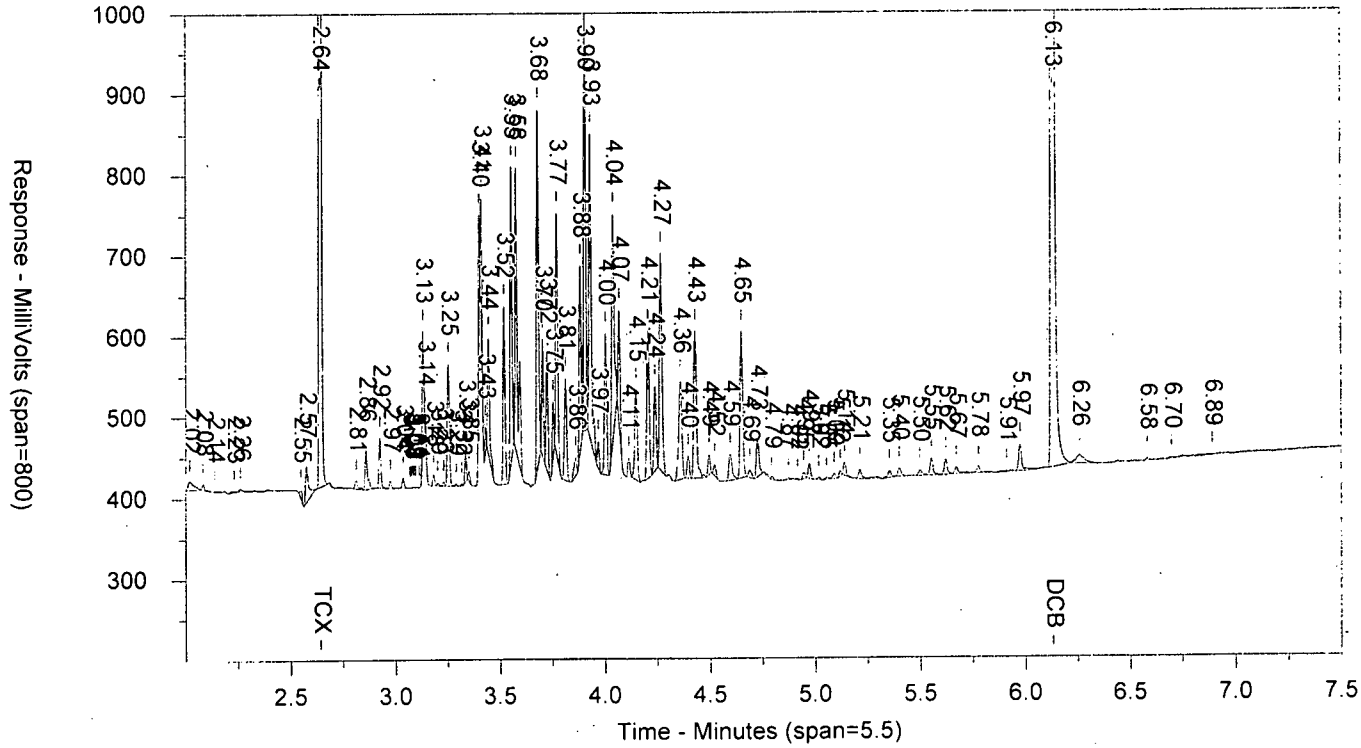

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:38:49 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.016.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.077		27106	27483
2.11		4871	11384
2.233		2159	1380
2.26		21837	14888
2.359		12320	13410
2.397		1752	2122
2.46		587	597
2.517		7104	8497
2.574		578	515
2.597		1337	769
2.682		6445	4582
2.766		922	733
2.807		13205	12977
2.922		4346	3947
2.96	TCX	4596381	3148696
3.054		852	1040
3.106		10767	9784
3.157		62809	47111
3.21		70622	49570
3.287		11064	6162
3.304		12825	7647
3.387		591	454
3.425		191927	121561
3.442		58133	29670
3.48		15934	10266
3.507		3396	1925
3.541		195158	153191
3.6		1682	1057
3.617		2285	1225
3.632		1079	371
3.651		38760	22619
3.666		10338	4722
3.709		173978	90001
3.72		193172	96160
3.757		242432	194486
3.815		281361	222191
3.857		39167	27833
3.884		456169	341373
3.912		275375	220914
3.934		87733	47908
4.008		523060	393187
4.033		143143	94746
4.064		184220	136618
4.097		461460	435033
4.138		152828	128341
4.184		17420	15754
4.224		54538	41152
4.257		367317	254625
4.277		469065	300578
4.301		529509	417115
4.371		50962	48351
4.406		374956	317959
4.424		99372	55526
4.448		120095	85873

RT A	Compound A	Height A	Area A
4.49		7504	5037
4.512		30849	25660
4.553		163078	147506
4.603		231320	205368
4.635		135211	102997
4.665		388674	349076
4.714		6705	4722
4.748		152843	146491
4.791		37609	45925
4.838		40959	37693
4.878		275342	267099
4.913		6928	4855
4.958		24020	31851
4.99		15123	10725
5.003		14468	10087
5.041		3791	2902
5.075		280276	295976
5.124		5526	3837
5.153		12884	14670
5.194		73826	68019
5.216		3042	1293
5.235		4541	2656
5.26		12324	10519
5.303		5933	5793
5.359		6727	9956
5.399		25581	20682
5.422		9637	6906
5.479		5503	5009
5.517		3158	3365
5.558		10257	10111
5.597		14771	13509
5.621		1970	1342
5.657		23894	19978
5.682		14191	12580
5.761		10060	11394
5.815		511	272
5.862		22189	20746
5.917		8408	12737
5.96		1174	1210
5.991		4153	4963
6.052		30396	28569
6.116		28935	41319
6.286		12603	15267
6.32		1058	791
6.389		636	674
6.398		549	171
6.422		1737	1482
6.46		973	863
6.49		45456	48530
6.545		3400	3309
6.604		6309	6854
6.64	DCB	4197543	4336797
6.742		847	583
6.801		8314	15002
6.881		987	2011
6.921		5565	7783
6.972		628	260
6.985		981	419

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:38:49 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.016.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		10310	20982
2.083		14545	9935
2.236		2630	7080
2.263		3385	6059
2.392		11795	7755
2.457		2023	2672
2.506		3401	7955
2.559		3219	3752
2.575		27196	22012
2.643	TCX	7249477	4191587
2.686		6358	3421
2.813		20857	19494
2.86		97312	71757
2.926		113667	71505
2.976		18751	12231
3.037		27090	16876
3.068		579	155
3.077		777	204
3.083		610	130
3.132		266555	134160
3.143		49170	16825
3.183		27676	15973
3.205		7544	4426
3.231		11238	5727
3.254		286761	196357
3.291		5802	3332
3.319		3293	1540
3.337		67825	36393
3.353		23931	11240
3.378		1765	946
3.403		276904	120987
3.412		311561	132857
3.432		59902	24972
3.446		281332	176319
3.521		430084	276662
3.555		721796	445835
3.579		640455	361929
3.597		215231	113604
3.683		905678	1071532
3.756		127410	65301
3.773		624257	381572
3.814		241199	178665
3.862		48750	41389
3.883		495786	308321
3.906		1115190	741139
3.931		836184	590264
4.004		352563	258677
4.04		577928	479348
4.068		310852	187914
4.115		49519	33909
4.15		222787	175966
4.185		3053	1973
4.207		362828	283345
4.24		221445	156292

RT B	Compound B	Height B	Area B
4.267		564073	431081
4.306		12215	11235
4.361		241192	238633
4.397		61349	46066
4.429		378699	308945
4.471		18883	12118
4.496		55378	37414
4.522		32562	22742
4.596		65592	67813
4.648		373949	309647
4.687		17019	14304
4.727		105307	128947
4.796		8154	5861
4.872		4342	4264
4.914		4987	3217
4.947		16838	13374
4.972		35361	27667
5.019		7403	6706
5.057		4669	4175
5.092		13270	11077
5.119		13541	8957
5.139		32738	26608
5.213		21909	19898
5.269		3565	7346
5.354		11981	8673
5.374		7091	4032
5.4		27952	25578
5.497		4035	7409
5.552		42760	44388
5.621		38478	34522
5.67		17876	16713
5.718		2586	2825
5.775		16830	18067
5.851		5199	8989
5.924		2687	3448
5.973		60069	50469
6.001		9303	7526
6.132	DCB	5848330	5414110
6.261		10413	27243
6.365		6552	8356
6.467		2310	5613
6.514		2627	3482
6.583		7121	12475
6.757		2351	9225
6.829		4641	6388
6.881		2067	4928

AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082

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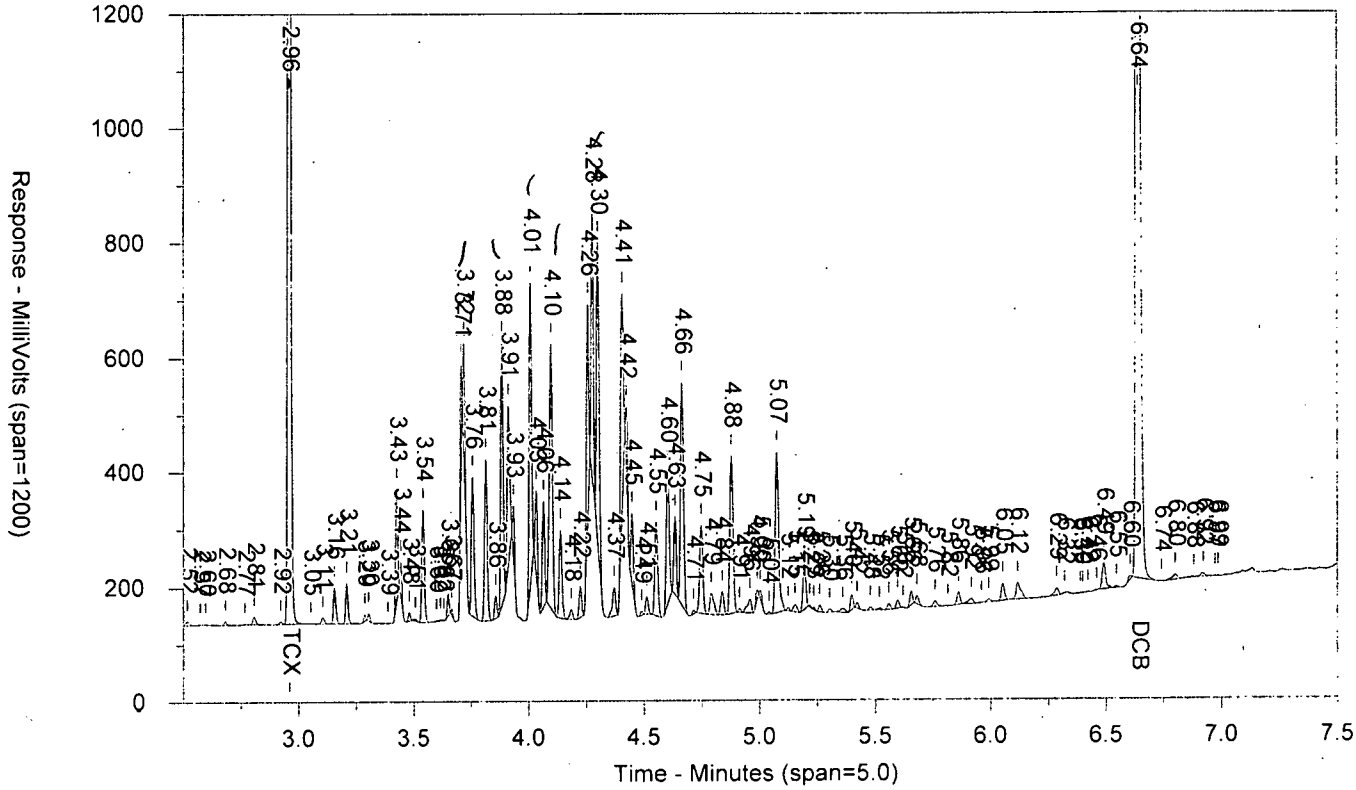

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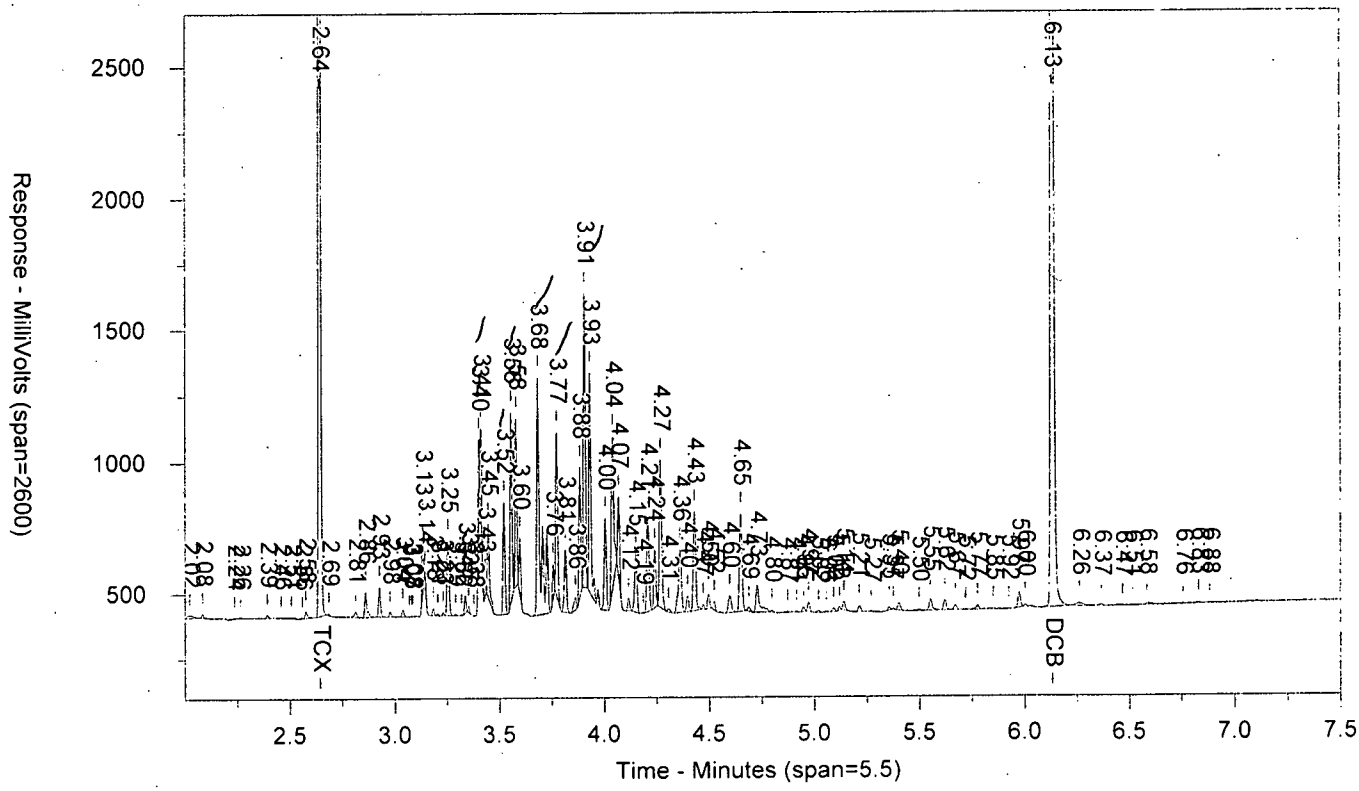

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:38:49 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	4596381	40.437	TCX	2.643	7249477	40.557	TCX
6.64	4197543	39.418	DCB	6.132	5848330	38.731	DCB

Files:
Area File: 25pcbs17257002.016.RAW
Area File: 25pcbs17257002B.016.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:47:20 PM
File Reported On: 9/14/2017 at 6:47:37 PM

AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082

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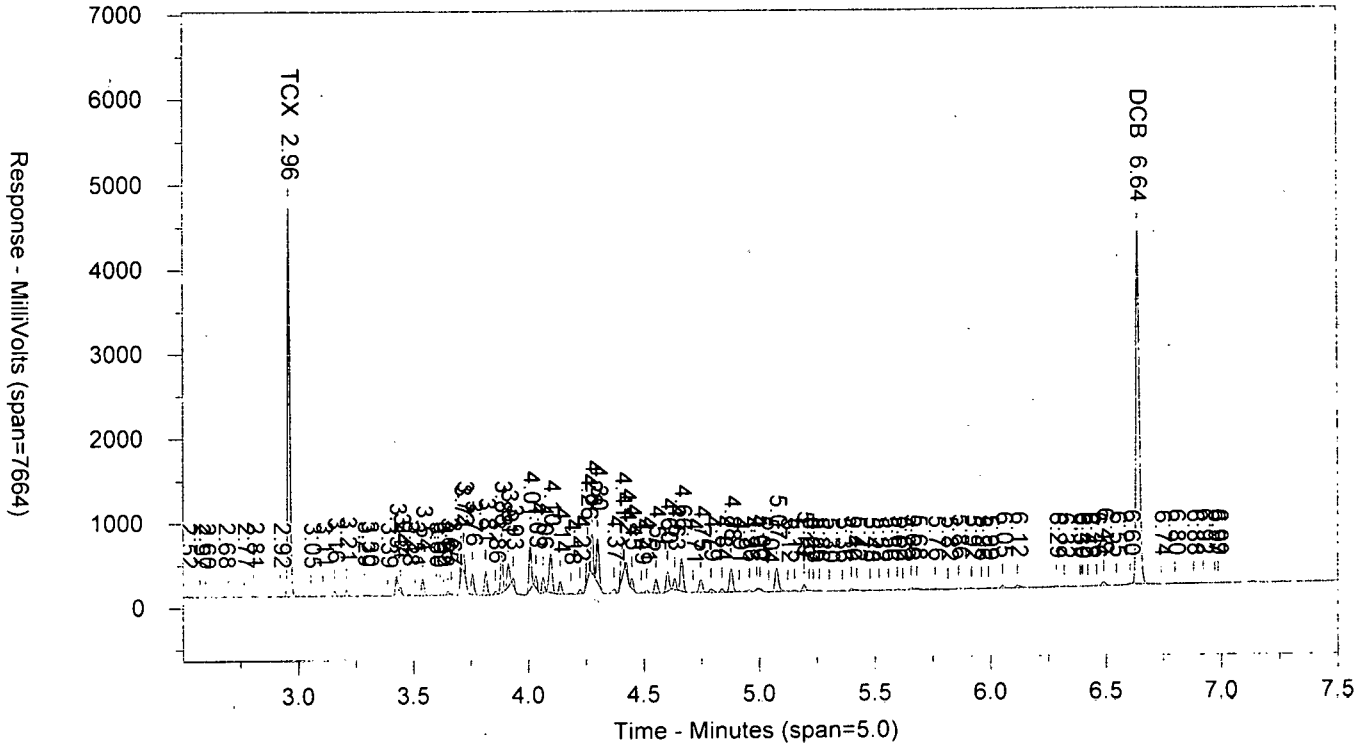

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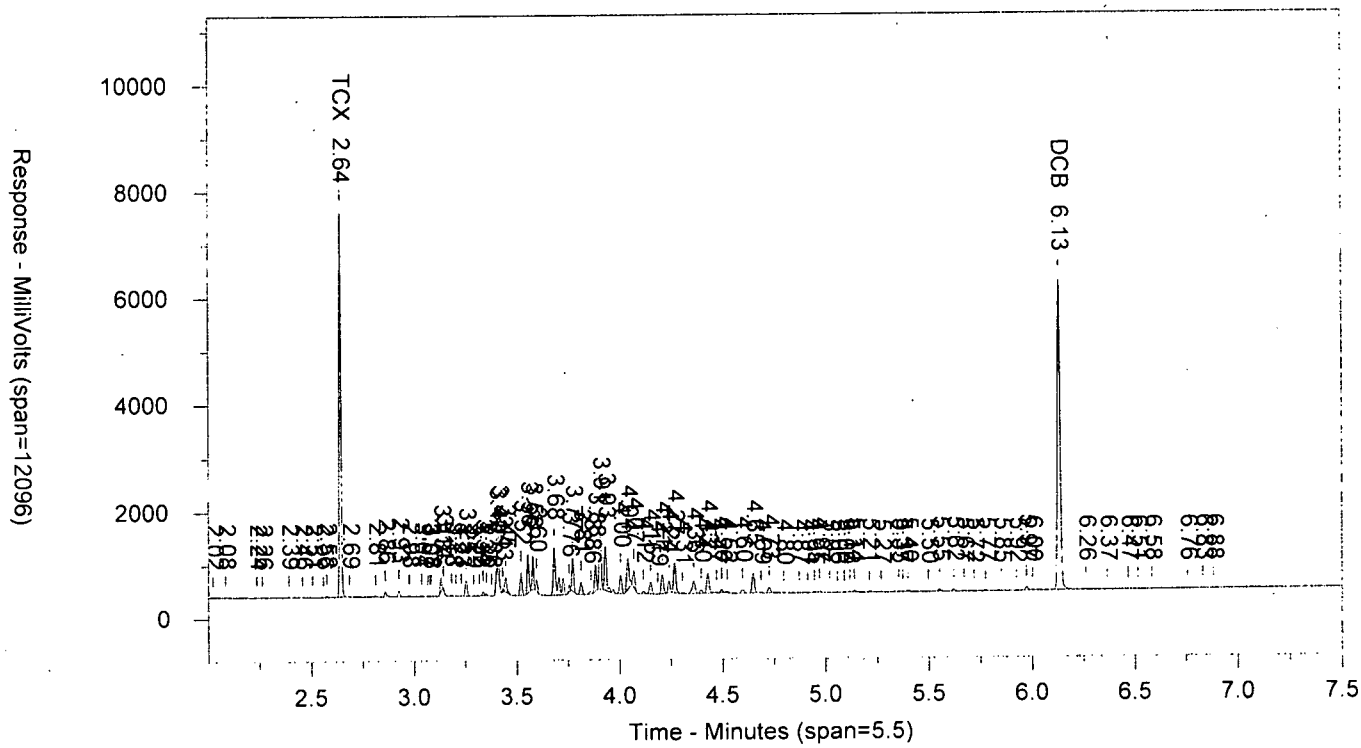

AR4841724C AAAR484AA ICAL 1725699999 10736 SW-846 8082

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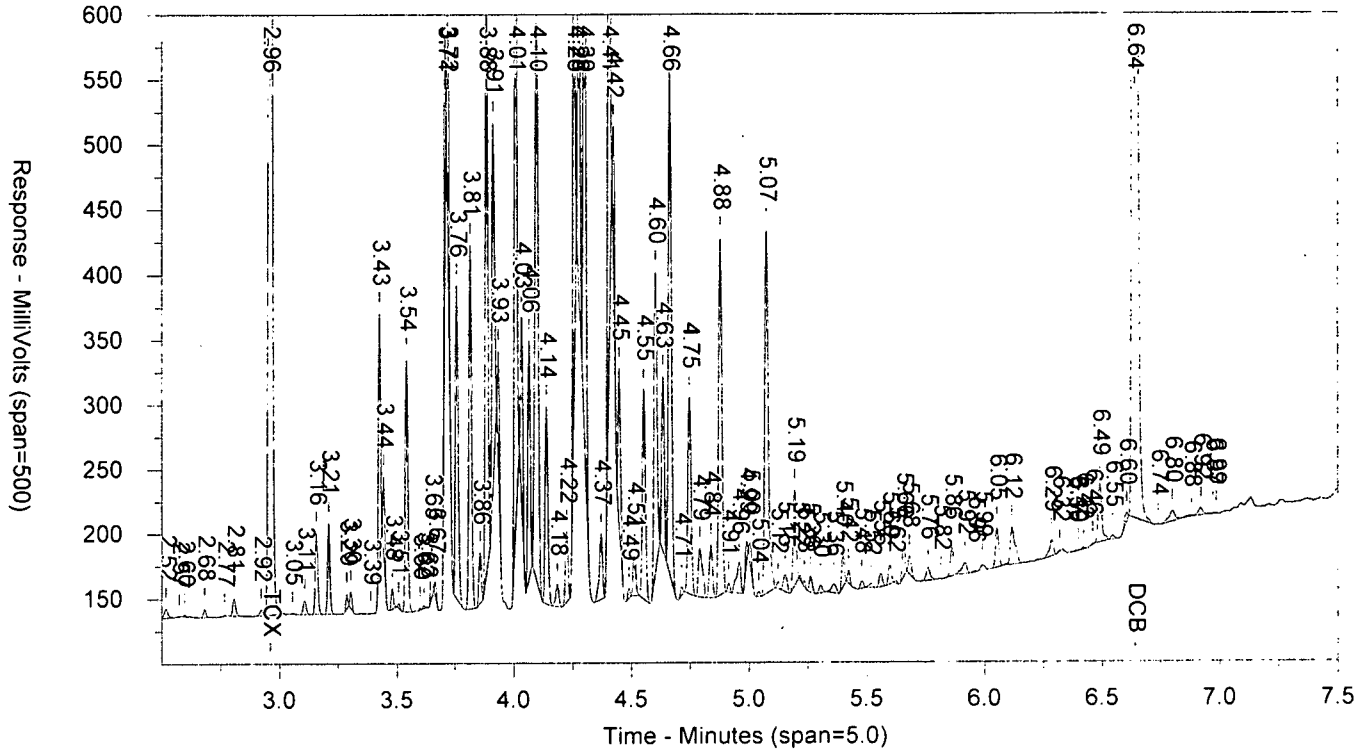

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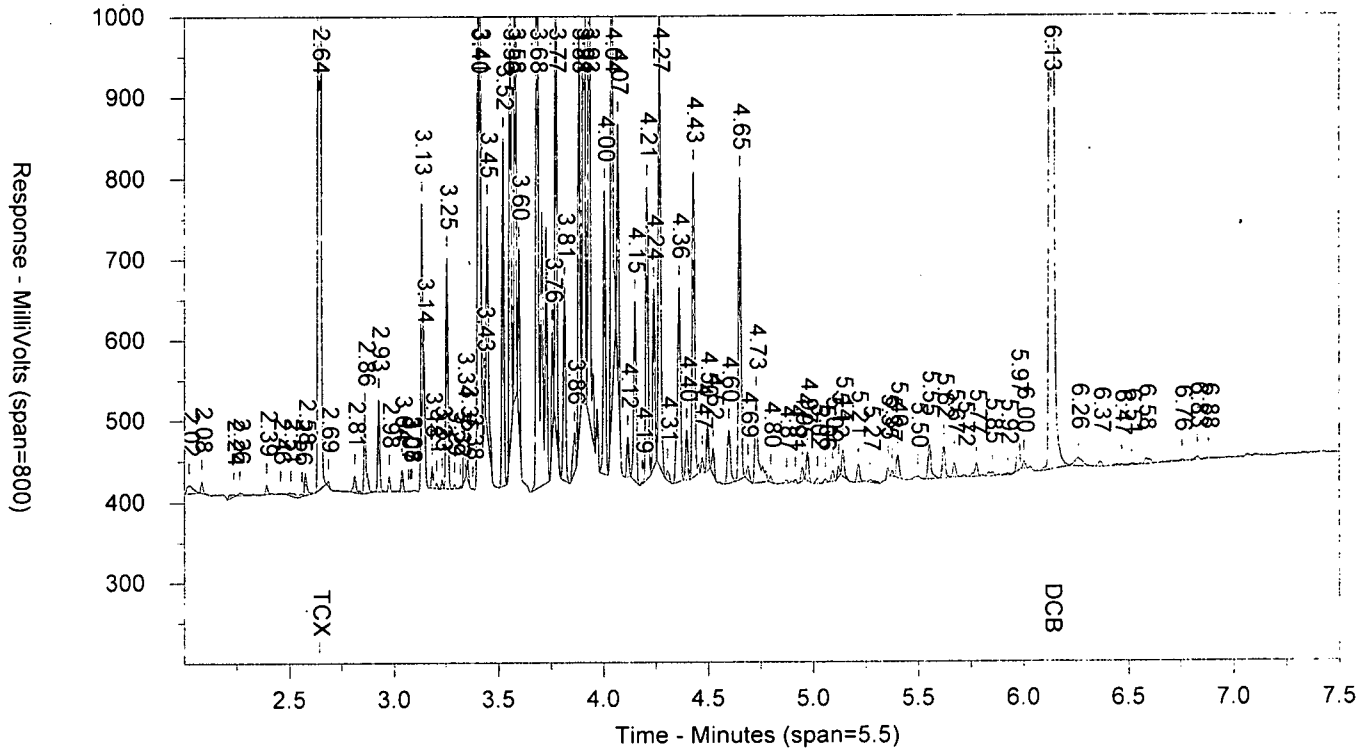

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:49:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.017.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.027		363	461
2.063		6308	8063
2.109		7772	20969
2.259		31639	22884
2.366		13687	15482
2.394		1655	2019
2.516		5094	6468
2.595		3166	2972
2.686		893	1801
2.805		34224	36828
2.869		689	527
2.922		2919	2738
2.959	TCX	6969953	4736505
3.057		1363	1342
3.105		25325	23038
3.156		97191	78347
3.208		160391	116529
3.286		12619	6238
3.302		28120	16829
3.344		503	770
3.423		442826	274095
3.441		122428	64017
3.478		35658	21560
3.493		2329	721
3.505		8421	4481
3.539		449306	354591
3.577		1699	959
3.596		3250	1775
3.614		9007	6005
3.648		96753	57630
3.663		25516	12425
3.707		408565	222802
3.717		513974	239364
3.754		578637	465372
3.813		684586	540595
3.854		93949	68746
3.883		1122783	815155
3.909		682172	529365
3.932		210784	114686
4.006		1298046	969975
4.03		329663	225366
4.062		438528	320985
4.095		1144780	1075252
4.136		372856	313429
4.182		45036	39178
4.222		128971	103140
4.255		896934	607395
4.275		1200913	778923
4.298		1437469	1070940
4.369		123078	118279
4.404		951968	781025
4.423		264892	149507
4.446		278652	201619
4.487		18904	12343

RT A	Compound A	Height A	Area A
4.509		78262	58962
4.55		380890	354751
4.601		567550	495557
4.633		308521	234618
4.663		946198	855342
4.712		15589	11747
4.745		352912	352683
4.789		88075	112798
4.835		101582	93357
4.876		646374	646105
4.911		13163	8842
4.955		66711	83144
4.989		41080	32144
5.001		23988	15682
5.039		8288	6357
5.073		679718	703199
5.122		16284	12327
5.151		25958	33226
5.193		179198	192082
5.232		10625	6266
5.259		27573	24573
5.302		13816	13213
5.334		1193	771
5.361		2488	2768
5.397		60940	50341
5.421		23647	16805
5.478		13392	11932
5.515		7505	8041
5.556		21172	20515
5.596		35654	31604
5.621		4672	3093
5.656		59505	53345
5.68		20761	15787
5.76		1206	1094
5.86		52679	49980
5.916		19881	28716
5.955		32051	39199
6.05		51569	51139
6.115		51293	75741
6.17		699	409
6.192		1974	1814
6.239		999	2156
6.285		28722	28824
6.318		3284	4368
6.379		596	297
6.418		1215	1139
6.462		732	792
6.488		71090	76225
6.545		2327	3164
6.637	DCB	6253009	6432352
6.765		623	564
6.817		624	2015
6.828		610	161
6.866		632	375
6.915		5953	9605
6.983		679	520

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:49:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.017.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.024		12648	24857
2.083		21589	14518
2.174		2726	5143
2.217		2769	2527
2.265		3545	5375
2.327		4122	4144
2.391		2213	3611
2.553		8073	7366
2.574		85322	79112
2.642	TCX	11009210	6291310
2.685		17900	10757
2.812		49504	35794
2.859		140549	113566
2.925		252827	159605
2.975		28152	17302
3.036		58454	36768
3.08		923	298
3.091		371	98
3.099		633	169
3.131		611969	305412
3.142		83553	33081
3.183		66663	40778
3.204		19327	11015
3.23		25867	13986
3.253		669277	449776
3.29		17168	10001
3.317		6263	2839
3.336		157856	86548
3.351		55374	25887
3.401		717782	320665
3.411		809100	336117
3.431		128557	52232
3.445		701787	418498
3.519		1051816	666973
3.554		1778372	1071434
3.577		1684115	1331879
3.681		2255803	1423950
3.704		667659	360502
3.725		689953	413629
3.754		316998	153001
3.771		1564392	956487
3.813		579644	424925
3.86		115175	98899
3.882		1274104	767702
3.905		3032516	1939514
3.93		2260235	1526699
3.968		151183	86346
4.003		838809	619413
4.039		1513535	1221961
4.067		857984	509890
4.113		113466	81285
4.149		509060	412057
4.206		900535	696444
4.239		521992	368704

RT B	Compound B	Height B	Area B
4.266		1358257	1050599
4.303		26580	25396
4.36		556830	564137
4.395		139566	108824
4.427		903060	762388
4.47		12584	6677
4.493		117041	80991
4.521		71368	54469
4.595		151557	162984
4.647		906008	770065
4.687		45803	45714
4.725		244560	305201
4.795		17853	12688
4.873		4236	6115
4.893		4571	2756
4.912		9560	6969
4.946		38074	29053
4.971		83779	66436
5.019		19392	19545
5.057		8720	7259
5.091		27366	22787
5.119		30177	19614
5.139		74026	60032
5.212		41088	37817
5.33		2706	1405
5.353		36768	31609
5.399		58010	60915
5.498		49417	49518
5.552		69576	63460
5.62		68580	63201
5.67		34702	34413
5.774		36967	31433
5.929		2740	2394
5.971		98513	85403
6.005		3326	2322
6.131	DCB	8801193	7895086
6.257		8405	19006
6.533		1452	1629
6.582		8654	9969
6.754		2436	3787
6.845		1537	1995

AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082

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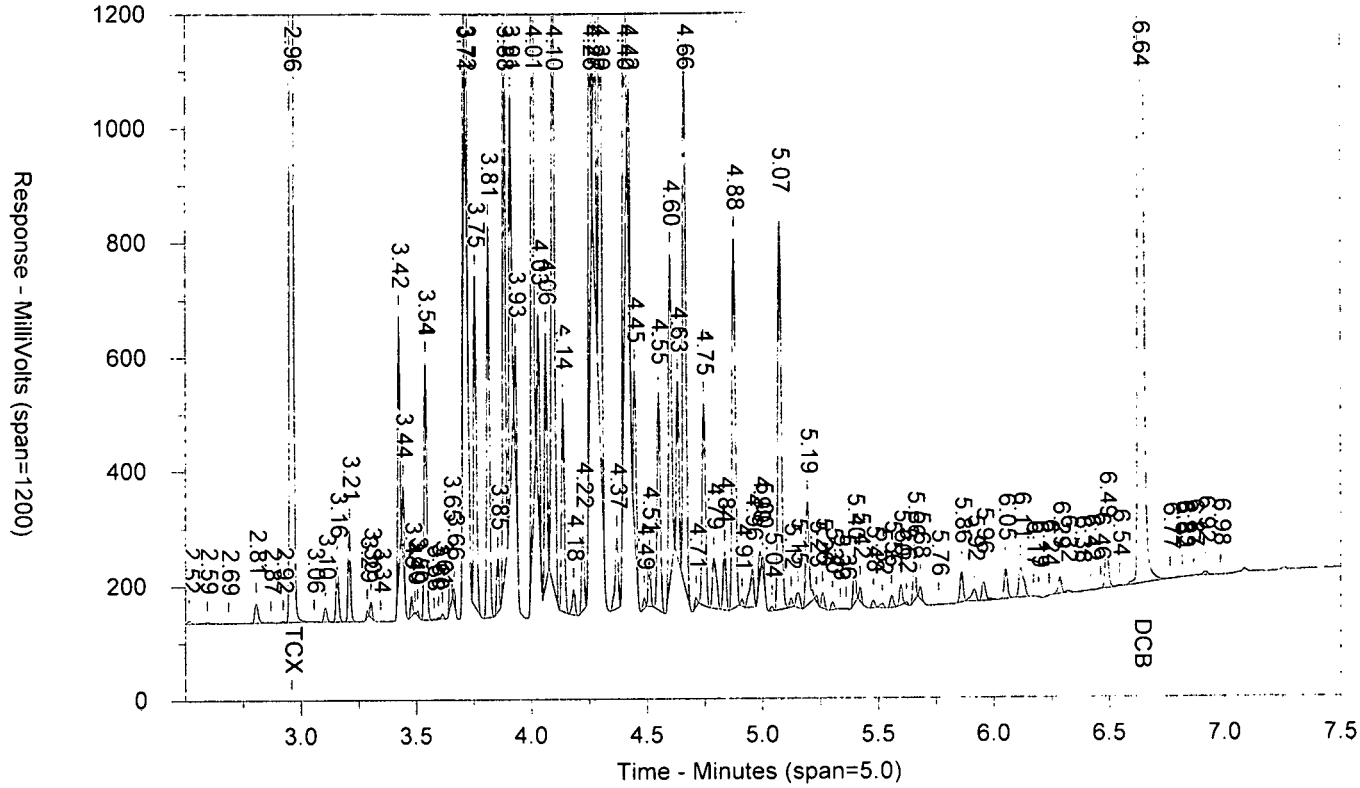

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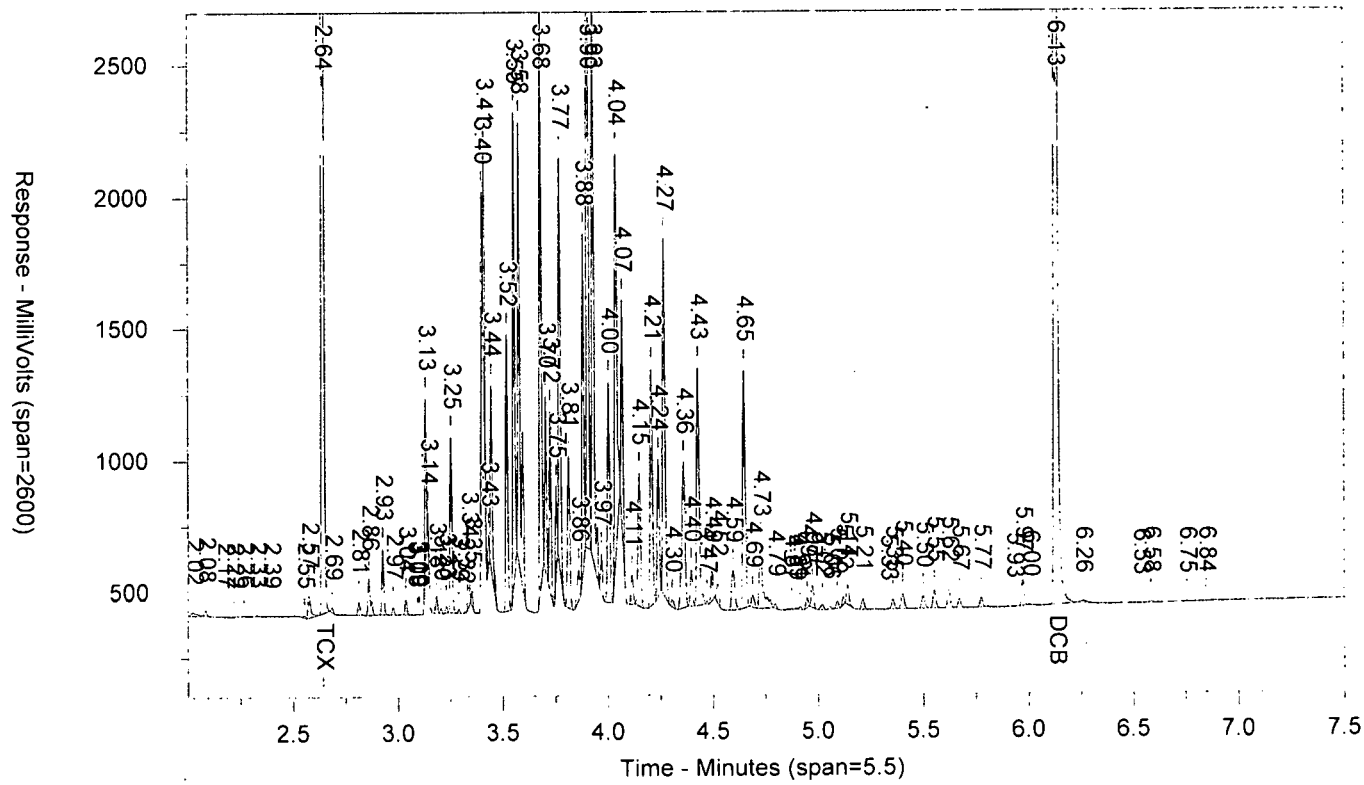

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 6:49:53 PM
Sample Weight: 1
Instrument ID: CP25-18274
Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	6969953	61.318	TCX	2.642	11009210	61.591	TCX
6.637	6253009	58.721	DCB	6.131	8801193	58.287	DCB

Files:
Area File: 25pcbs17257002.017.RAW
Area File: 25pcbs17257002B.017.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 6:58:26 PM
File Reported On: 9/14/2017 at 6:58:35 PM

AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082

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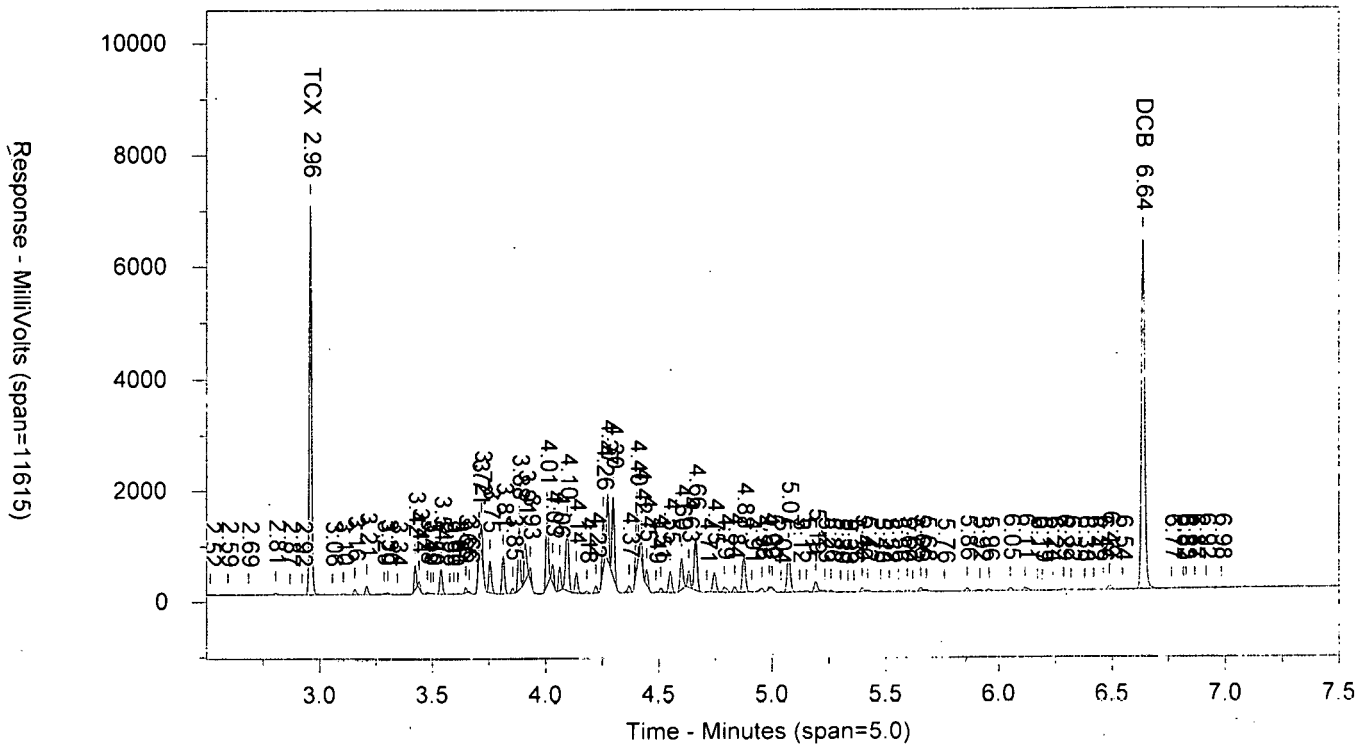

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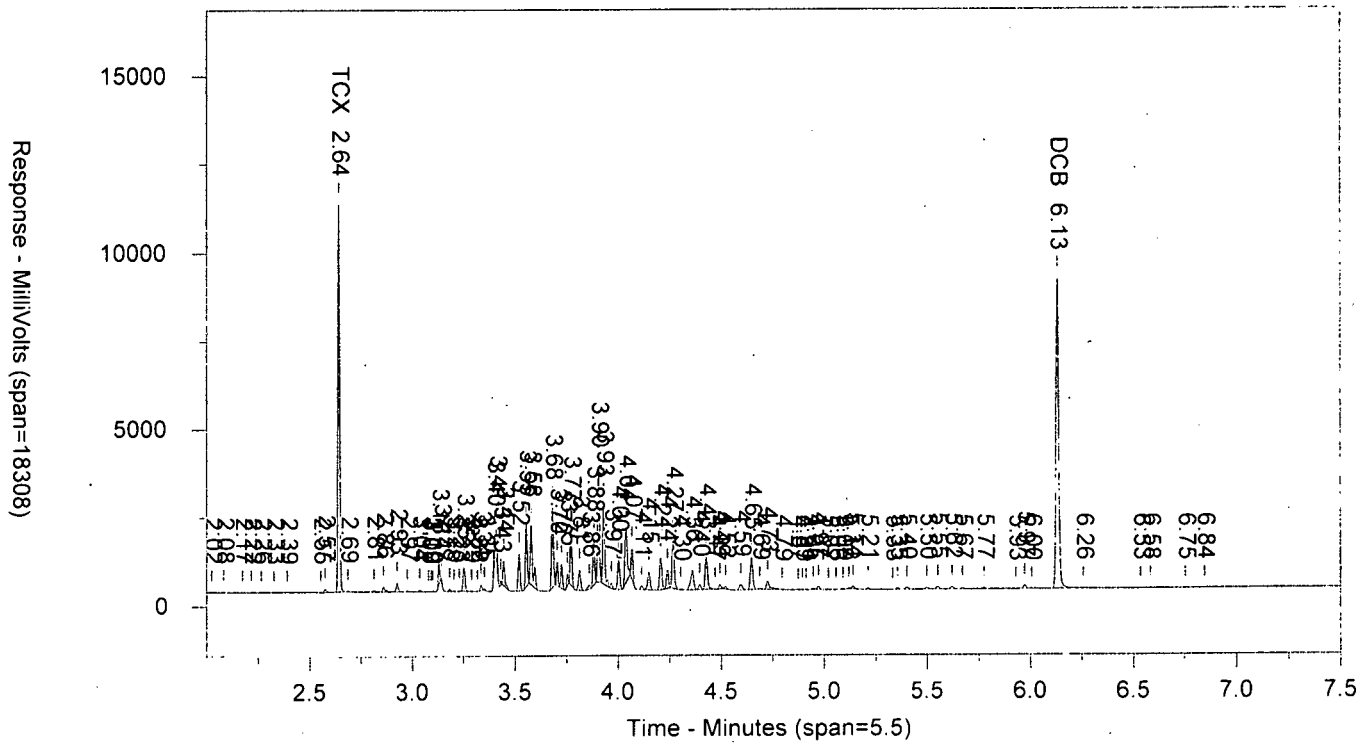

AR4851724C AAAR485AA ICAL 1725699999 10736 SW-846 8082

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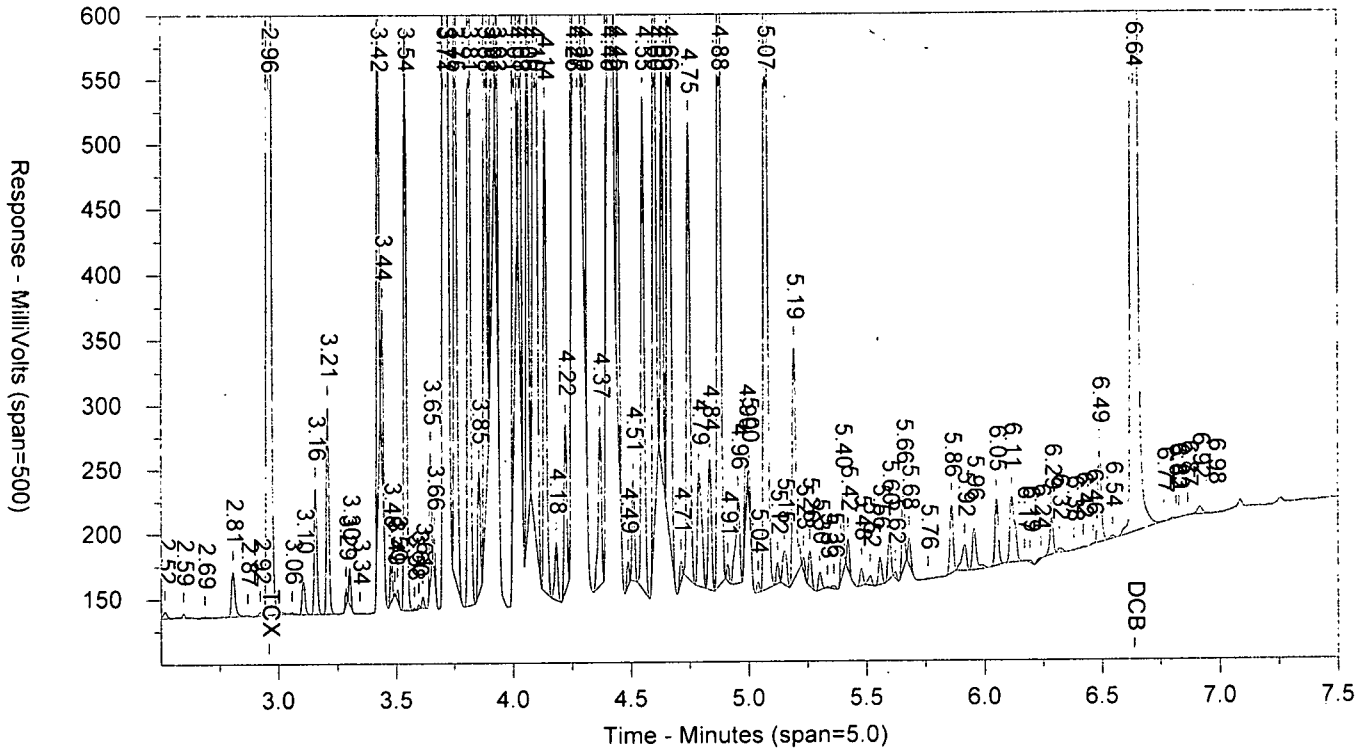

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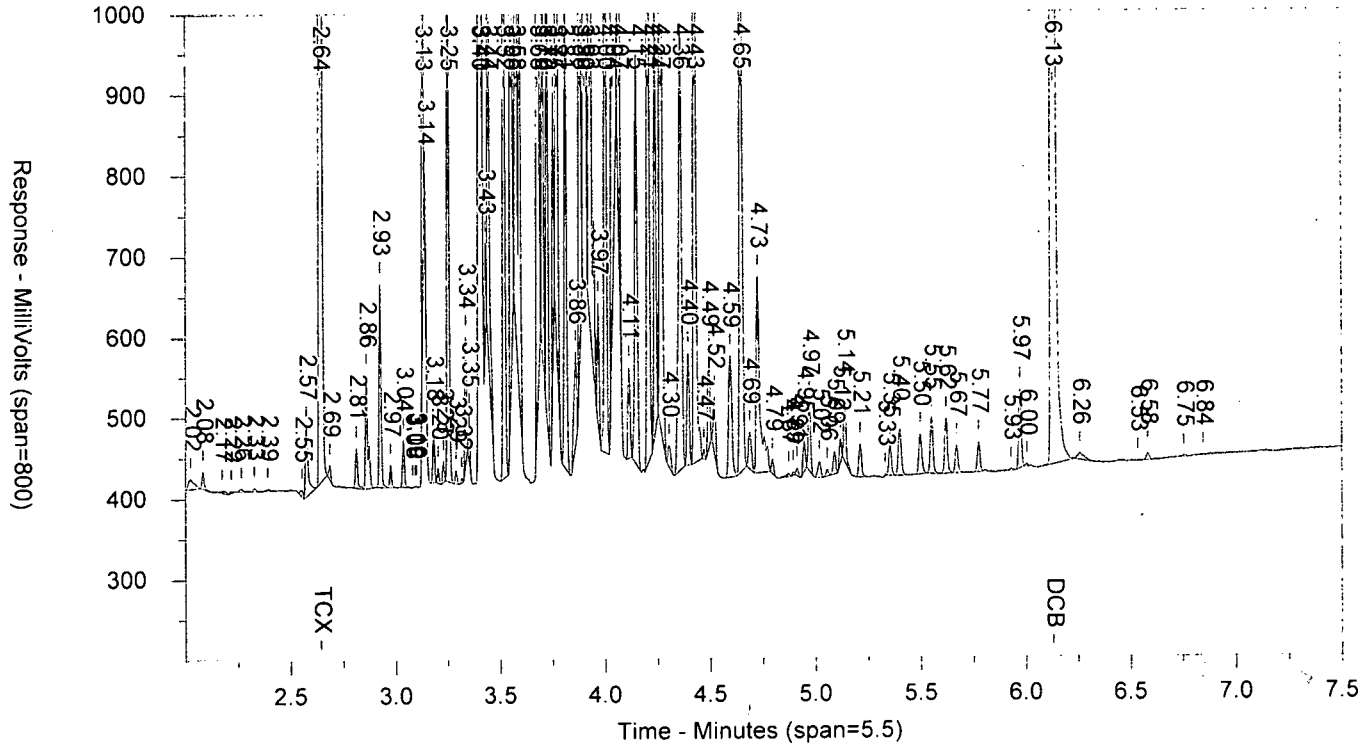

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:01:05 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.018.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.031		416	174
2.062		9692	11131
2.11		6891	18815
2.236		453	324
2.259		41055	29951
2.367		18255	20340
2.393		1211	1692
2.461		826	612
2.517		6520	7401
2.562		383	192
2.596		5740	4027
2.686		792	1180
2.765		396	264
2.806		29132	29952
2.871		1417	1077
2.922		4064	3557
2.96	TCX	9263867	6296196
3.055		1289	1013
3.106		48567	42506
3.157		132881	114339
3.209		297774	218826
3.269		497	196
3.287		14934	7416
3.303		57509	36084
3.344		1139	1049
3.424		855025	520376
3.441		234351	121802
3.479		71020	42743
3.494		3646	1178
3.506		16749	8267
3.54		847942	665441
3.577		2892	1545
3.596		4338	2305
3.615		17613	11329
3.65		170416	104016
3.665		47282	21568
3.708		813054	429413
3.718		949247	464119
3.756		1122857	870314
3.813		1333217	1024429
3.855		167750	124980
3.883		2146979	1550063
3.911		1298701	1010104
3.932		371311	194849
4.007		2455378	1840735
4.031		673656	425680
4.063		842053	595359
4.096		2297446	2038527
4.136		670913	577124
4.184		82648	74626
4.223		236134	186901
4.256		1727766	1167530
4.275		2524186	1561525
4.299		2755053	2077136

RT A	Compound A	Height A	Area A
4.37		222363	216043
4.404		1848762	1512228
4.423		562370	316691
4.447		549351	373430
4.488		36476	23565
4.51		136864	107859
4.551		689625	648657
4.602		1059773	925788
4.634		579539	429779
4.663		1834399	1621627
4.713		33641	22681
4.747		641369	650755
4.79		165015	207046
4.836		178595	172930
4.876		1294710	1224137
4.91		13400	8752
4.957		125972	162366
4.989		176136	301674
5.041		15089	11401
5.074		1384950	1362428
5.122		34772	25051
5.15		37993	51236
5.193		321787	355746
5.233		18632	11316
5.26		54844	48510
5.302		26042	25589
5.336		2654	1729
5.359		2170	2355
5.398		112337	94972
5.421		47057	34033
5.478		24306	22527
5.515		13127	14963
5.558		22358	21874
5.597		70026	64584
5.622		9321	6182
5.657		123341	108680
5.681		23171	16171
5.762		855	994
5.819		692	996
5.861		99830	96911
5.917		40461	59734
5.954		2372	2202
5.99		3379	3729
6.052		61249	61049
6.116		58932	91634
6.2		589	518
6.24		655	861
6.286		53934	55283
6.322		851	618
6.329		1419	921
6.368		502	133
6.396		529	607
6.42		1603	1656
6.462		933	755
6.489		97249	102656
6.543		2643	3282
6.639	DCB	8312485	8592547
6.772		424	231
6.804		1939	2041
6.826		479	150
6.866		868	886
6.918		5843	7498
6.954		894	345

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:01:05 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.018.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		11521	22510
2.083		28715	19576
2.187		4705	6532
2.215		3623	2393
2.268		3437	5983
2.327		9379	6929
2.39		3013	8477
2.557		6121	6097
2.574		68689	63770
2.642	TCX	14789970	8412105
2.686		38820	25295
2.812		92874	67398
2.859		147820	74328
2.873		60514	25919
2.925		467899	292987
2.975		35379	20462
3.036		110544	70027
3.061		908	255
3.081		366	130
3.094		670	253
3.109		624	91
3.131		1104482	575740
3.143		216710	76511
3.183		129224	76728
3.205		36279	20197
3.23		48536	26320
3.253		1247507	841399
3.29		29921	17743
3.318		9361	4302
3.336		294946	157061
3.352		102889	48605
3.38		2127	1061
3.402		1268504	578309
3.411		1730842	685862
3.431		237273	97208
3.445		1277205	779235
3.52		2020299	1264116
3.554		3313367	2048366
3.578		3270888	2530598
3.682		4310945	2738218
3.705		1265132	682365
3.725		1301247	766171
3.755		542570	276159
3.771		3042802	1846229
3.813		1083117	782917
3.861		213564	177236
3.883		2473505	1509211
3.905		5952469	3760939
3.93		4419300	2996777
3.968		271277	155838
4.004		1576441	1150862
4.039		3008730	2358919
4.067		1756939	1025846
4.114		205896	148233

RT B	Compound B	Height B	Area B
4.149		956735	752456
4.206		1679358	1324010
4.239		1021109	698089
4.266		2716106	2015968
4.305		52009	48252
4.36		1048898	1041511
4.396		267982	200325
4.428		1787368	1463154
4.494		217111	144505
4.521		135216	105157
4.594		277458	293891
4.647		1857504	1510021
4.687		87316	79800
4.726		434749	568201
4.797		33288	23437
4.874		5657	9687
4.896		8653	4870
4.913		17647	12967
4.947		74393	53852
4.971		147734	125406
5.021		38740	36844
5.056		15597	12847
5.09		30450	26180
5.119		56326	37742
5.139		133325	112495
5.212		49084	51304
5.331		3427	2122
5.353		68909	60055
5.399		126072	136097
5.498		5161	5877
5.553		82494	74674
5.62		74336	67941
5.671		44872	41799
5.775		69364	61155
5.928		3318	6976
5.974		130842	117855
6.132	DCB	11459530	10547550
6.257		7967	16149
6.466		3240	8236
6.582		11494	13486
6.713		1479	2534
6.756		2299	2638
6.924		1484	6333

AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082

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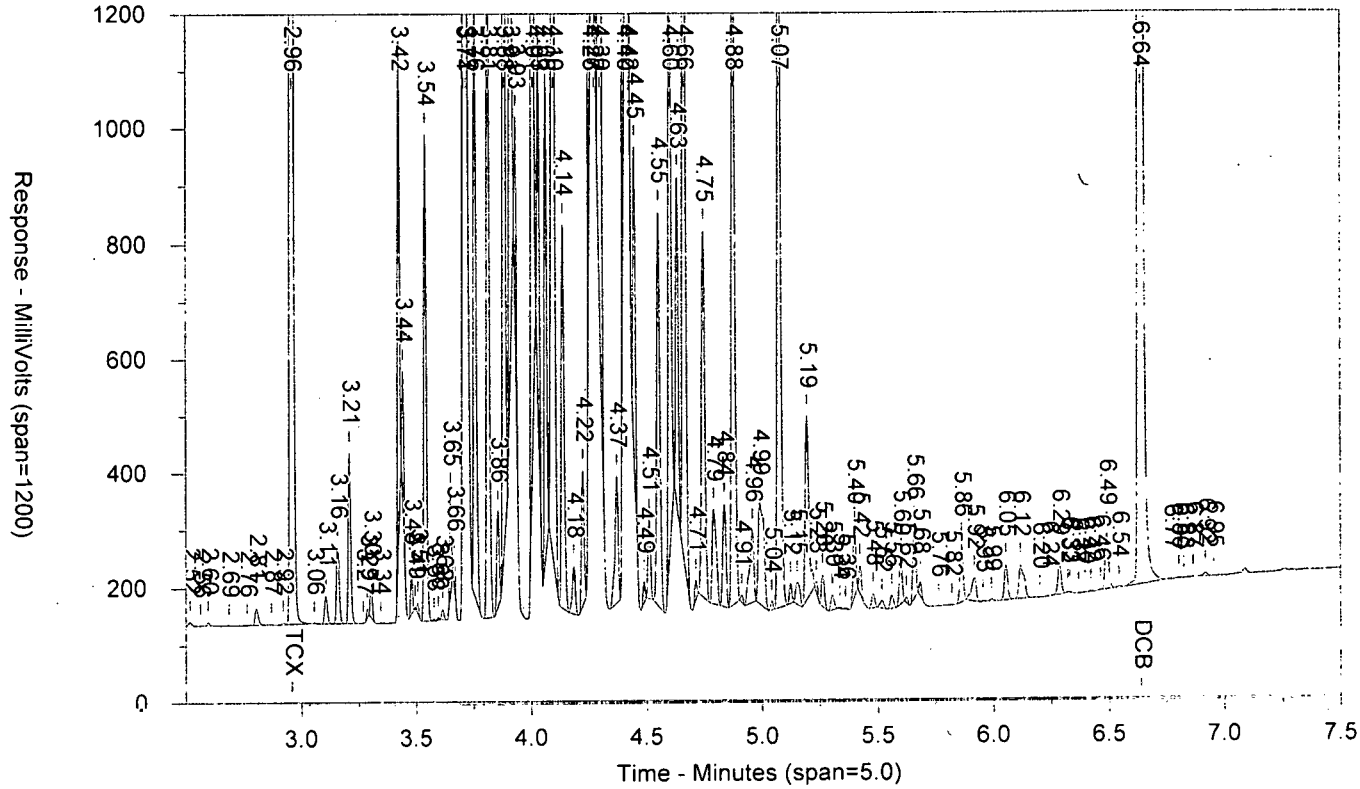

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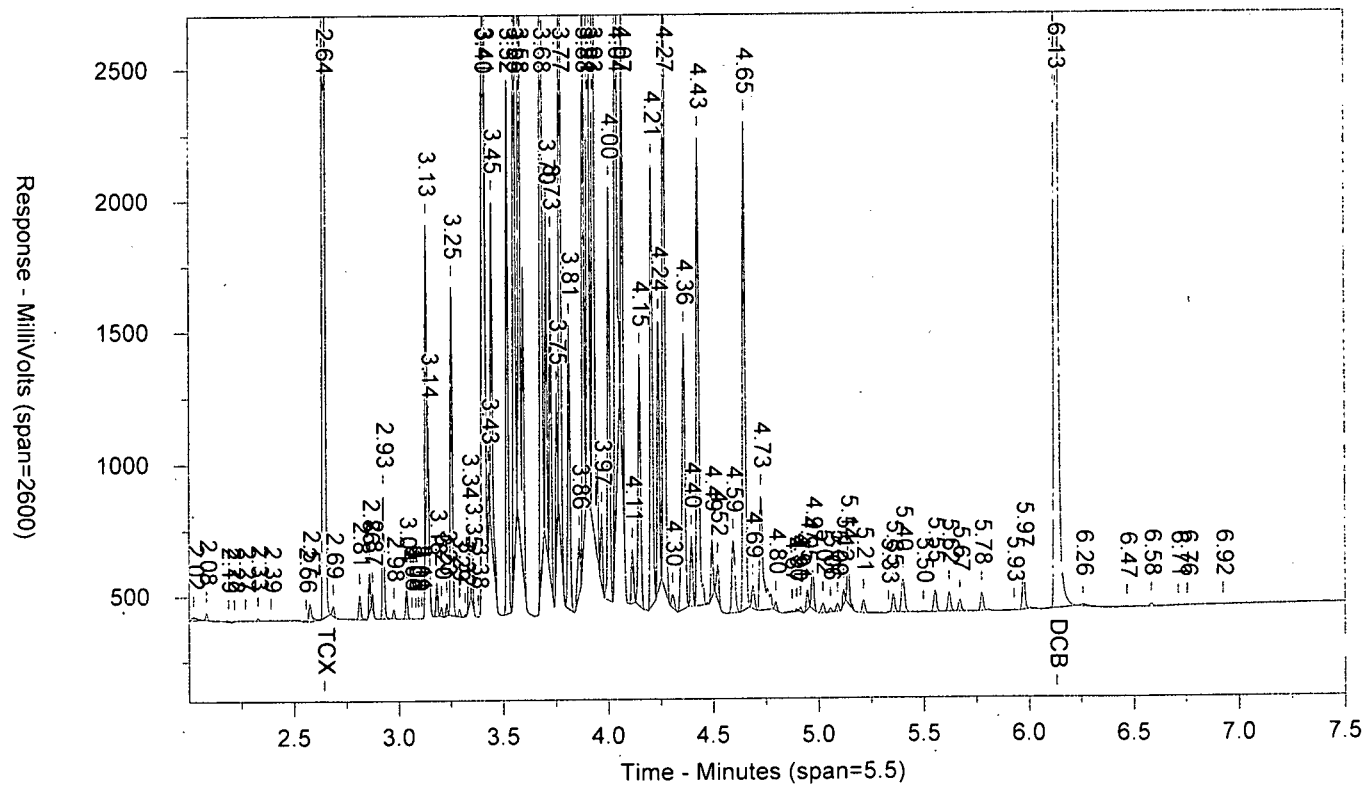

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:01:05 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	9263867	81.499	TCX	2.642	14789970	82.742	TCX
6.639	8312485	78.061	DCB	6.132	11459530	75.893	DCB

Files:
Area File: 25pcbs17257002.018.RAW
Area File: 25pcbs17257002B.018.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 7:09:38 PM
File Reported On: 9/14/2017 at 7:09:49 PM

AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082

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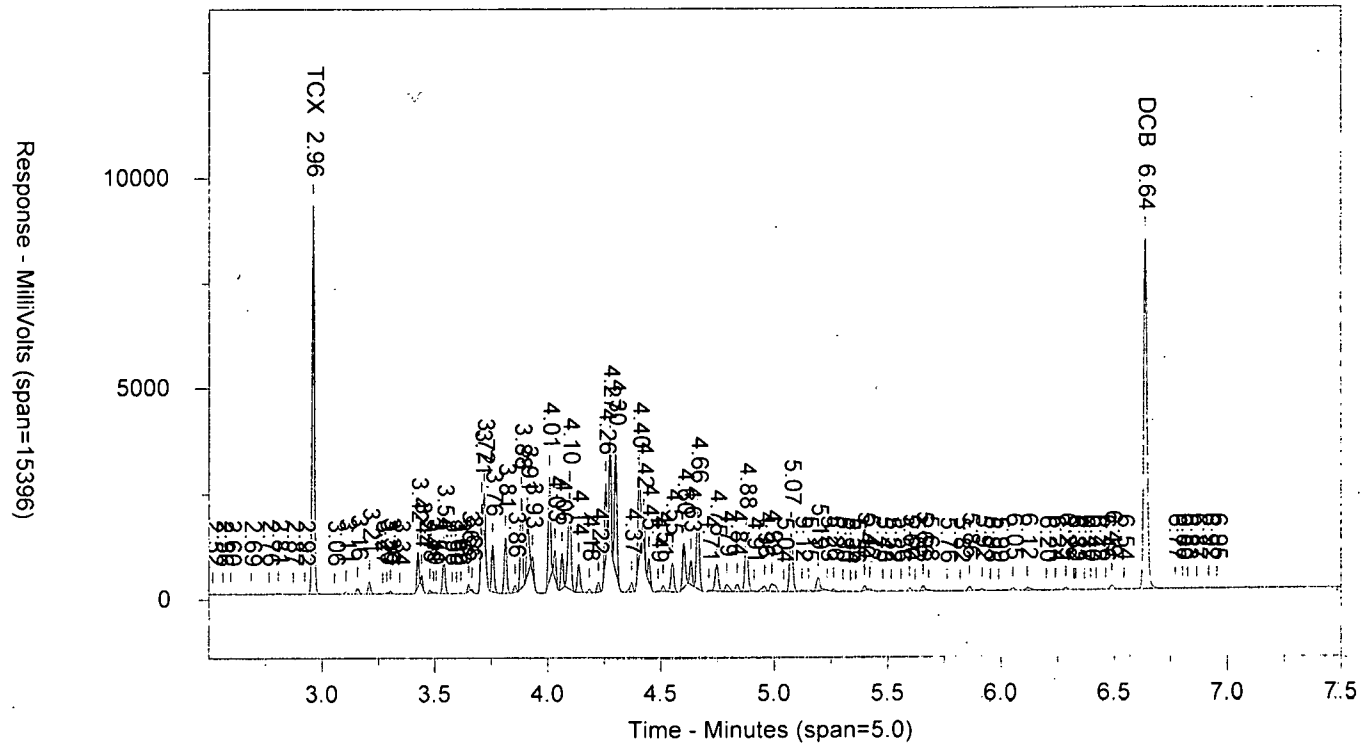

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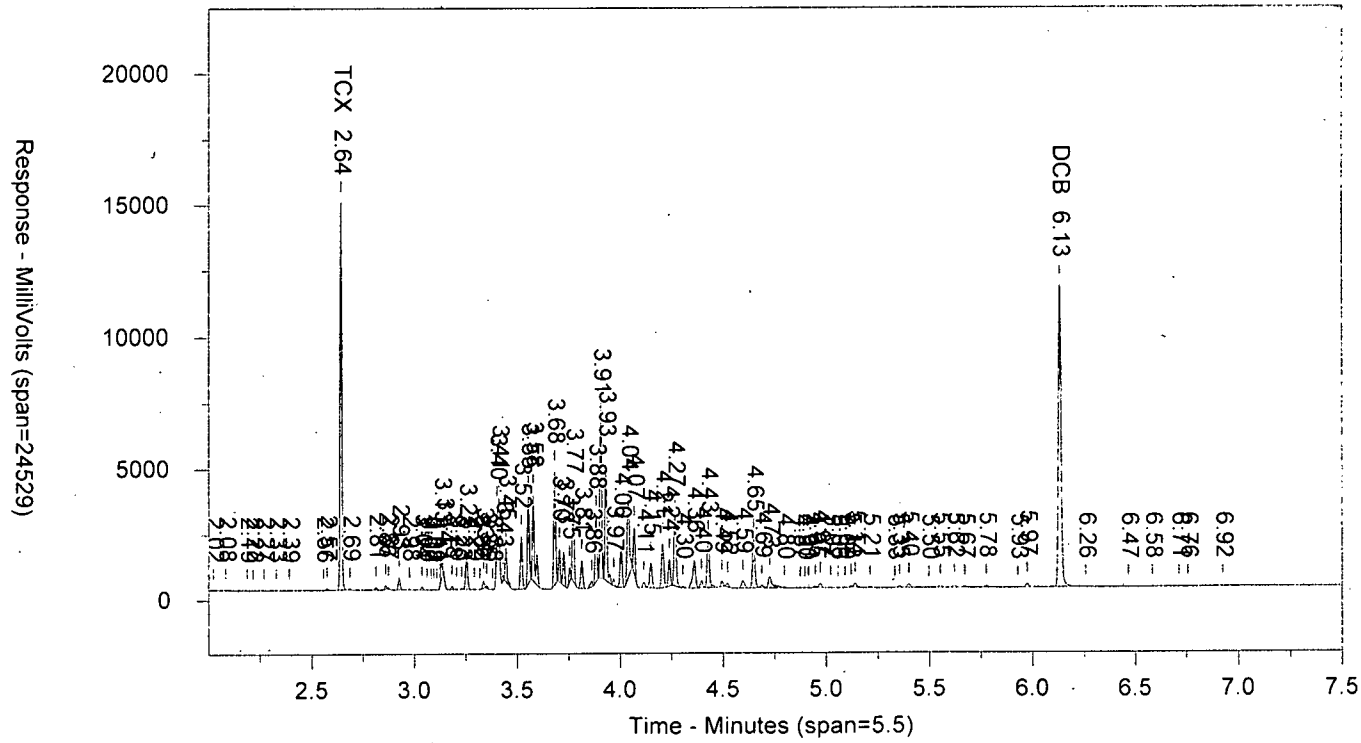

AR4861724B AAAR486AA ICAL 1725699999 10736 SW-846 8082

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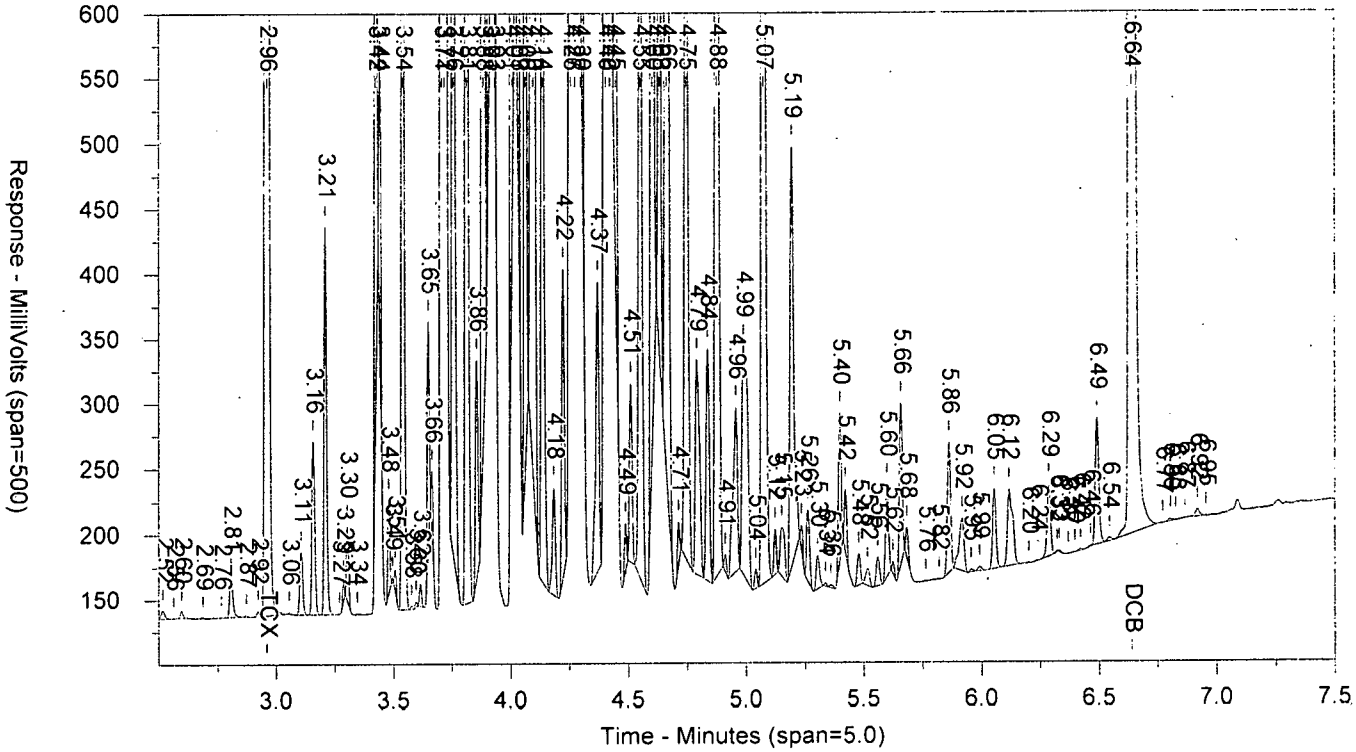

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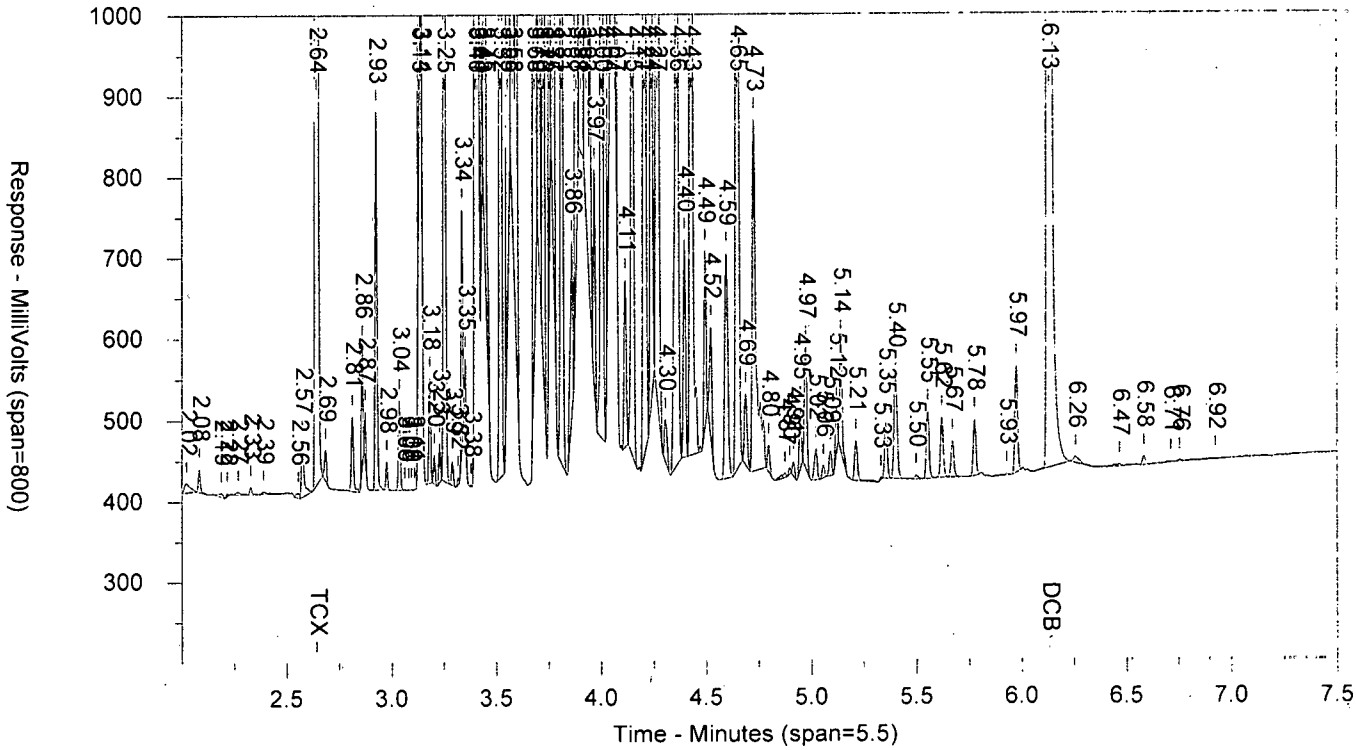

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:12:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.019.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.064		6930	8439
2.111		4342	11295
2.189		817	728
2.242		306	144
2.26		1075	687
2.358		13107	9524
2.397		1600	2083
2.518		5148	6285
2.59		829	1504
2.617		536	599
2.689		293	257
2.72		356	317
2.757		397	336
2.807		9618	8990
2.888		340	176
2.924		3344	2912
2.96	TCX	231233	157419
3.105		695	1064
3.158		3299	2328
3.213		1121	1108
3.289		3662	4076
3.361		525	411
3.405		377	392
3.427		1521	1091
3.519		551	424
3.544		1961	1890
3.588		511	240
3.635		3095	4042
3.712		2141	1226
3.762		3317	2807
3.818		2360	1943
3.852		904	744
3.887		57067	43467
3.914		14125	9777
3.937		1355	720
3.964		3175	3085
4.012		35188	27304
4.035		1752	1043
4.068		3240	2334
4.101		15290	12917
4.142		2819	2264
4.226		3028	2429
4.262		77830	58024
4.28		25466	14586
4.306		24792	20524
4.374		25293	21300
4.417		133330	147914
4.452		51001	42301
4.494		1359	932
4.515		8115	6740
4.557		50654	46006
4.606		89786	83724
4.639		19106	13724
4.668		173872	165421

RT A	Compound A	Height A	Area A
4.718		7340	5587
4.733		1519	506
4.752		22064	17725
4.794		60567	63677
4.841		11228	10421
4.882		130301	131958
4.942		17390	19627
4.994		80894	134264
5.043		1147	782
5.081		102827	107535
5.127		10257	8104
5.151		9389	13809
5.198		142073	129064
5.219		4351	2084
5.265		4116	3264
5.307		5297	6373
5.363		3804	4803
5.403		44668	37647
5.425		8958	6027
5.461		400	265
5.483		5512	5352
5.52		4681	4624
5.563		1482	1441
5.6		28975	26199
5.627		3217	2113
5.661		19687	18542
5.688		2912	2922
5.777		192	1022
5.832		480	201
5.864		19166	18175
5.895		2717	2921
5.963		505	281
5.993		3437	5240
6.058		1744	2100
6.118		1873	3990
6.218		537	384
6.24		356	228
6.281		3159	4894
6.322		3416	4943
6.411		668	1403
6.494		2336	2163
6.545		2888	3562
6.642	DCB	242025	282853
6.704		1332	1275
6.761		544	287
6.774		534	295
6.817		1048	2526
6.854		664	513
6.88		480	278
6.922		6385	10501
6.976		446	180
6.99		645	470

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:12:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.019.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.012		7666	24073
2.146		1490	1727
2.242		1303	5270
2.262		2779	2763
2.386		2019	3467
2.544		9817	6389
2.575		31816	50371
2.641	TCX	361232	229519
2.808		1629	3571
2.859		7556	7890
2.978		1371	2432
3.067		1171	333
3.077		1056	304
3.086		646	140
3.102		1332	478
3.116		803	463
3.143		2103	1428
3.165		839	199
3.181		566	77
3.187		1346	250
3.214		1968	2118
3.255		3233	2014
3.357		1900	3760
3.412		6247	7421
3.433		1393	529
3.447		2416	1767
3.478		1649	1267
3.523		3906	2871
3.557		94227	59327
3.58		28156	23473
3.685		60534	48164
3.729		4578	2835
3.775		21714	13997
3.816		5642	4533
3.855		4688	3459
3.886		15217	8975
3.907		180177	132521
3.953		17652	18266
3.972		34922	22253
4.007		182037	132694
4.039		62962	40867
4.057		38472	21250
4.118		14584	10809
4.152		70270	57075
4.21		140608	114109
4.244		39960	31249
4.271		233801	200568
4.307		17646	16141
4.363		123645	114430
4.401		17757	14535
4.433		170340	171871
4.499		109037	105298
4.599		08081	105300
4.653		116199	102754

RT B	Compound B	Height B	Area B
4.691		31215	27525
4.73		190598	245822
4.862		2436	2810
4.918		10215	9432
4.949		9814	6855
4.976		63371	55384
5.022		5366	4132
5.057		6336	5357
5.09		3987	3507
5.123		37958	73640
5.278		1440	1439
5.356		1910	3776
5.399		27646	31921
5.556		3219	4647
5.622		3596	5126
5.672		1805	2269
5.776		1723	1897
5.975		3764	3916
6.133	DCB	355436	332623
6.258		12100	42631
6.453		1960	3714
6.564		1324	2799
6.707		2080	4547
6.835		1413	1352

AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082

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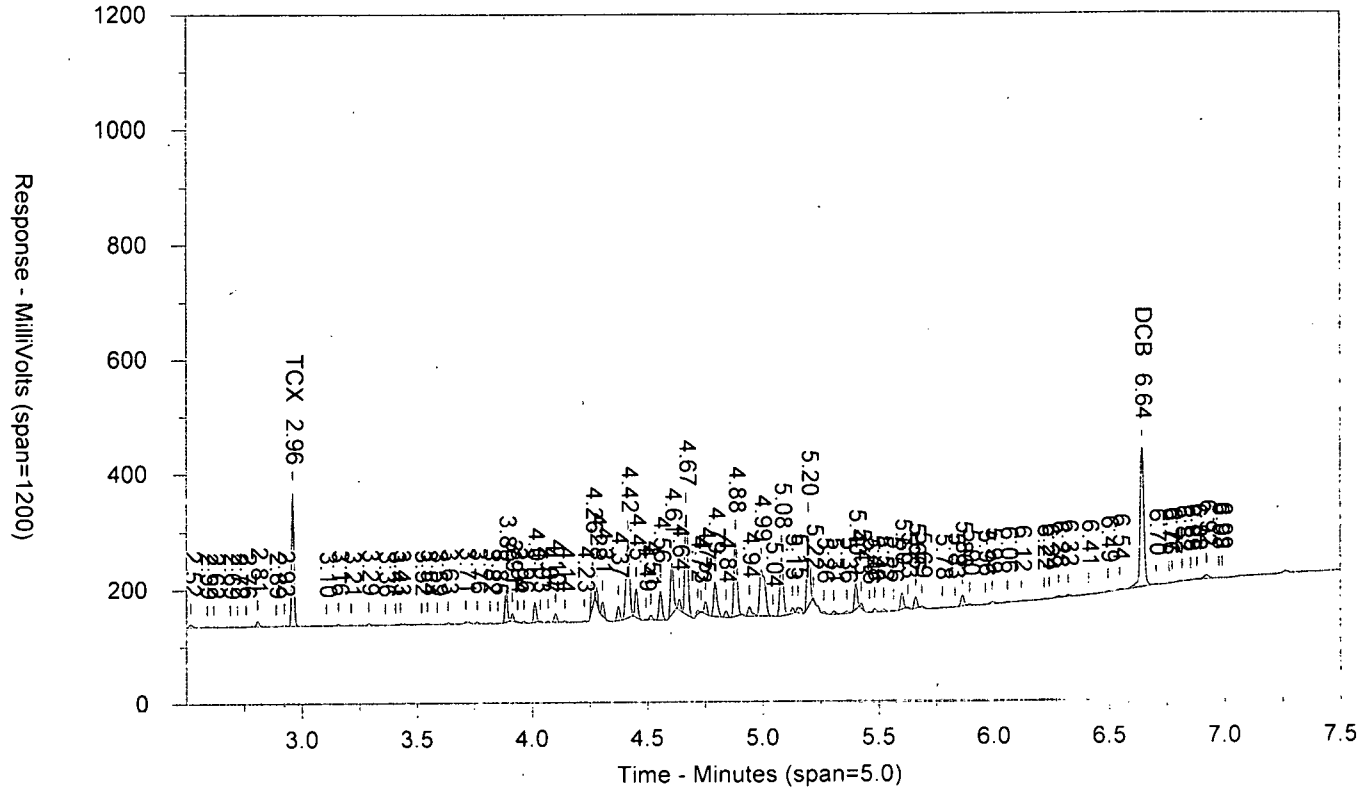

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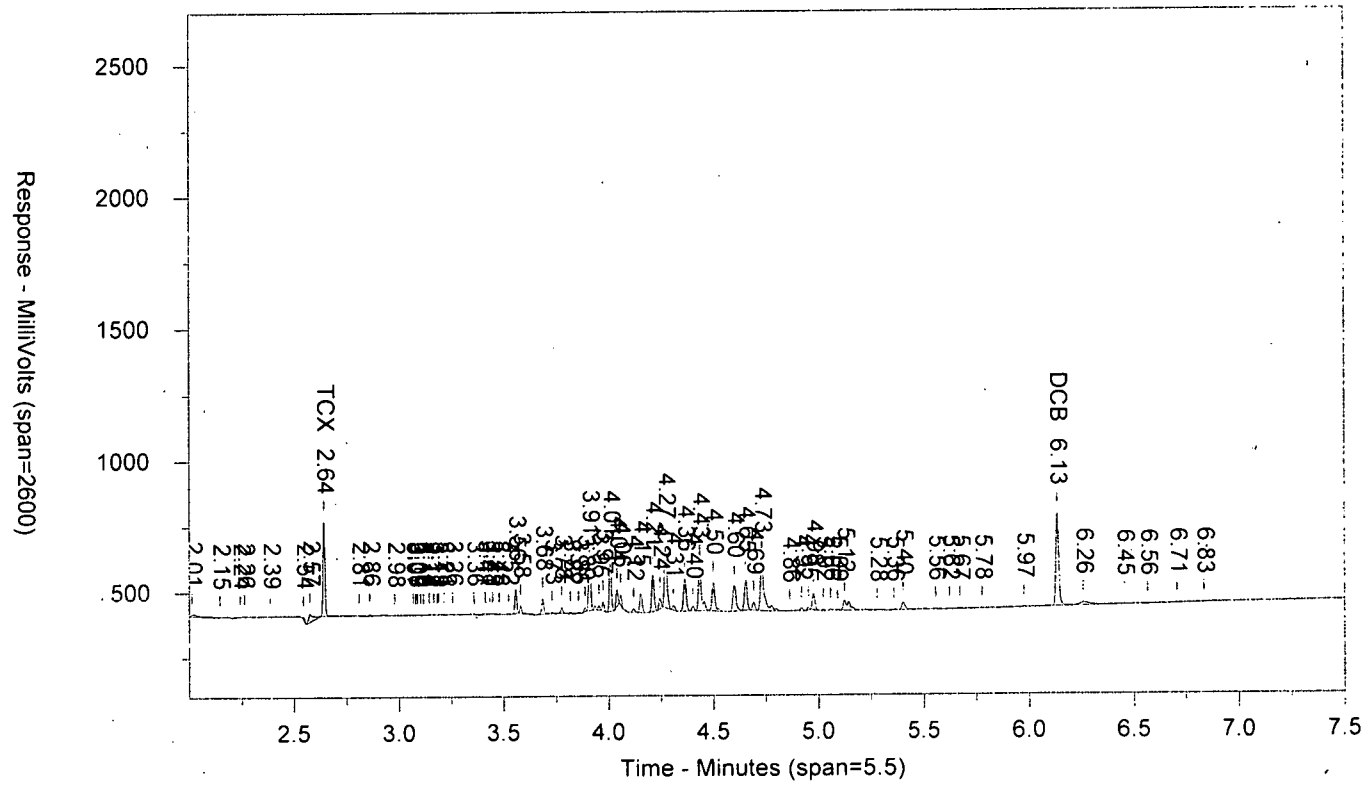

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:12:53 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	231233	2.034	TCX	2.641	361232	2.021	TCX
6.642	242025	2.273	DCB	6.133	355436	2.354	DCB

Files:
Area File: 25pcbs17257002.019.RAW
Area File: 25pcbs17257002B.019.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 7:21:25 PM
File Reported On: 9/14/2017 at 7:21:37 PM

AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082

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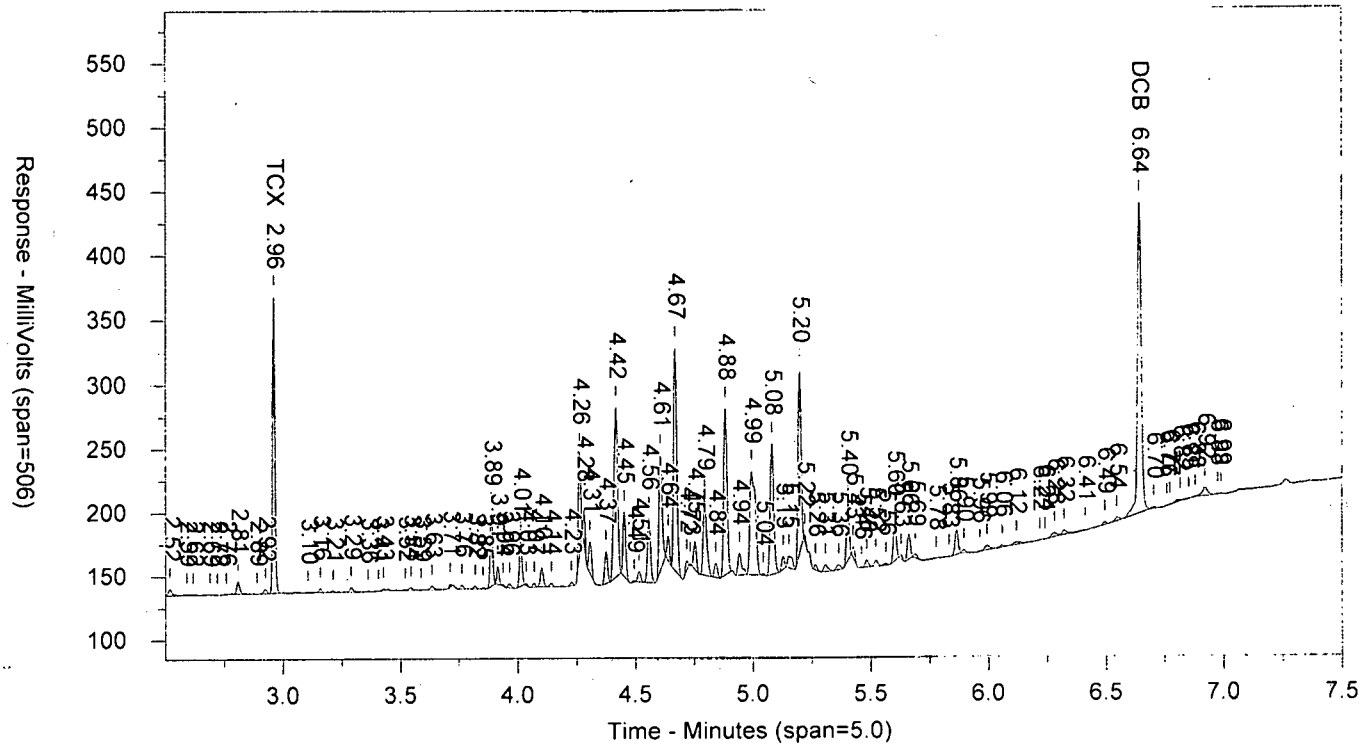

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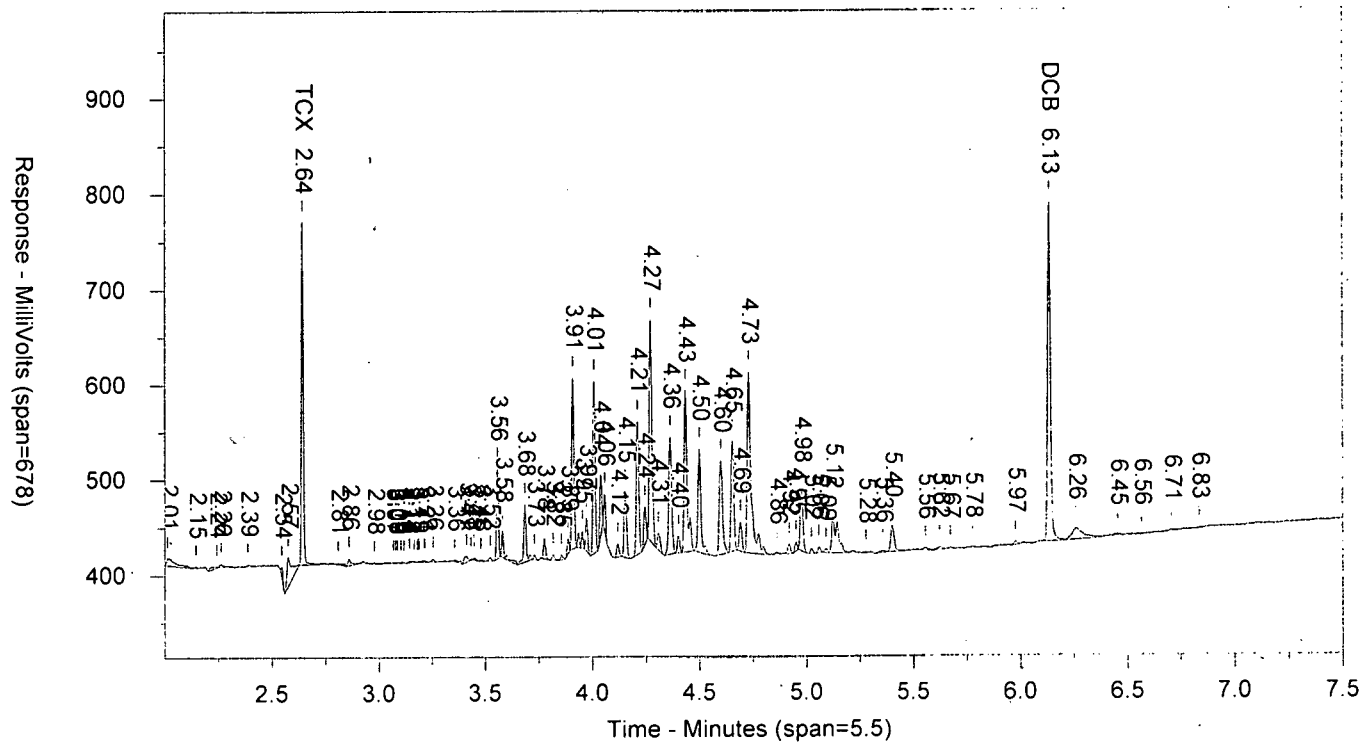

AR5411724B AAAR541AA ICAL 1725699999 10736 SW-846 8082

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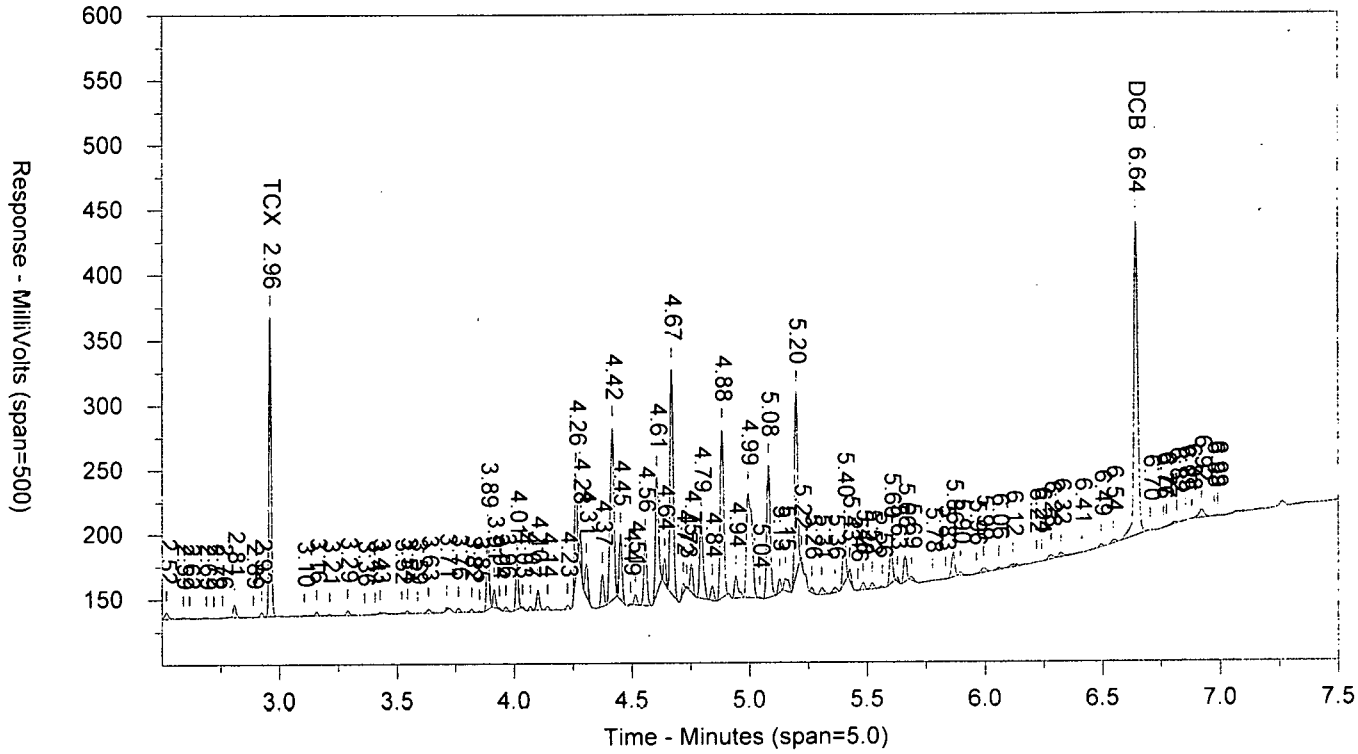

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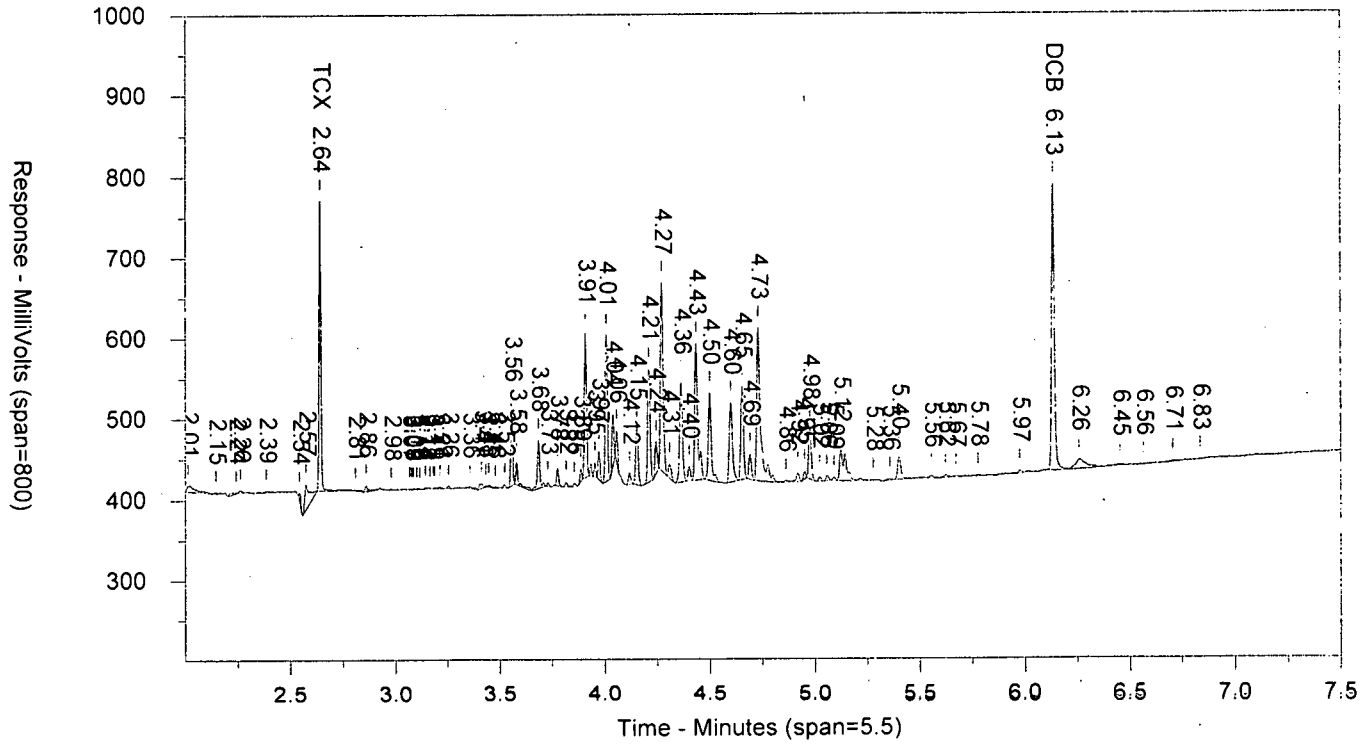

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:24:10 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.020.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.035		602	261
2.062		8623	9757
2.108		5380	13674
2.26		2373	1658
2.357		21736	16503
2.397		1793	2746
2.47		397	225
2.518		6071	7082
2.586		627	1176
2.684		505	844
2.759		661	469
2.806		17600	17050
2.872		607	485
2.923		4145	3379
2.959	TCX	438517	306786
3.067		457	268
3.102		889	684
3.155		6576	5386
3.209		1758	1800
3.288		4927	5259
3.399		333	400
3.425		2369	1616
3.442		1073	482
3.495		532	164
3.518		294	249
3.539		3533	3178
3.631		3736	5076
3.708		6869	9425
3.757		4856	3924
3.814		3763	3273
3.855		867	744
3.884		106587	80881
3.911		25594	17686
3.959		3620	3425
4.008		67690	50621
4.033		3419	1949
4.065		5726	4166
4.097		26918	23559
4.138		5236	4179
4.172		1157	1327
4.224		5470	4275
4.259		144114	103521
4.277		44180	25506
4.302		46031	37089
4.371		47452	39025
4.413		230503	262211
4.448		90947	78199
4.489		3052	1891
4.511		15958	12785
4.553		92997	84635
4.603		166424	151781
4.635		40243	27477
4.665		316784	297777
4.714		14905	10489

RT A	Compound A	Height A	Area A
4.73		3558	1510
4.749		42945	33219
4.791		113006	118145
4.837		21374	19711
4.879		231820	238913
4.909		2542	1346
4.939		27842	33192
4.991		146572	240509
5.041		2597	1745
5.078		181527	198416
5.124		19764	15283
5.148		17343	25400
5.195		260734	286092
5.261		7823	6201
5.304		10411	12322
5.359		4168	5192
5.4		82769	71390
5.423		16839	11480
5.458		574	292
5.479		10466	9449
5.519		8496	8453
5.557		2324	2024
5.598		57090	51876
5.623		6529	4571
5.658		41143	36602
5.686		3165	3257
5.761		506	402
5.815		291	203
5.863		38515	35508
5.893		4823	3689
5.989		4812	7340
6.054		2591	3032
6.117		1443	1938
6.181		606	637
6.229		364	774
6.282		3984	6942
6.322		3007	3439
6.382		446	418
6.403		786	557
6.457		565	529
6.491		4245	4615
6.543		3771	4796
6.64	DCB	445415	506177
6.702		1239	1154
6.748		487	126
6.762		445	204
6.801		2569	3147
6.919		6279	12624
6.985		957	839

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:24:10 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.020.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.014		9673	19702
2.232		2473	5058
2.26		3050	7091
2.392		2444	3514
2.549		13373	9332
2.575		42816	49881
2.642	TCX	692861	414183
2.734		1771	16477
2.859		13173	12637
2.925		3142	2810
2.975		2119	1914
3.069		772	275
3.083		1052	402
3.096		567	103
3.107		596	105
3.123		465	44
3.134		791	340
3.143		2087	930
3.158		561	136
3.183		1038	373
3.188		1041	199
3.254		4998	3626
3.335		1227	635
3.359		4343	6249
3.402		10344	10486
3.432		2003	1002
3.447		4183	2704
3.521		6682	5218
3.555		168835	105593
3.578		48134	30707
3.682		109562	83219
3.726		9123	5989
3.772		41290	30728
3.813		9432	6670
3.852		7446	5812
3.884		30567	18057
3.906		330616	237164
3.931		32076	17251
3.95		34301	18117
3.97		65230	40946
4.004		317304	236811
4.036		147010	208462
4.115		26091	19237
4.15		129475	101598
4.207		249976	204584
4.241		73863	57396
4.268		423698	356164
4.305		33130	31013
4.36		216186	200741
4.398		32123	26604
4.43		294389	309439
4.496		192453	157435
4.596		172344	188057
4.65		214056	188839

RT B	Compound B	Height B	Area B
4.688		57801	50660
4.727		337782	362271
4.774		25789	17189
4.797		10004	7012
4.857		4264	5035
4.916		19566	17928
4.948		18698	12844
4.973		117816	101032
5.022		11300	9324
5.058		11891	10129
5.089		7291	6435
5.121		53443	39393
5.14		31691	20978
5.214		3346	4103
5.353		3861	6095
5.398		53203	61188
5.555		4594	5171
5.622		4832	8362
5.672		3564	4329
5.775		3531	4890
5.879		2576	5070
5.973		6618	10136
6.133	DCB	610592	613803
6.258		11801	36427
6.44		2165	3161
6.526		1252	1875
6.709		1957	3088
6.888		1160	3783
6.973		1320	1282

AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082

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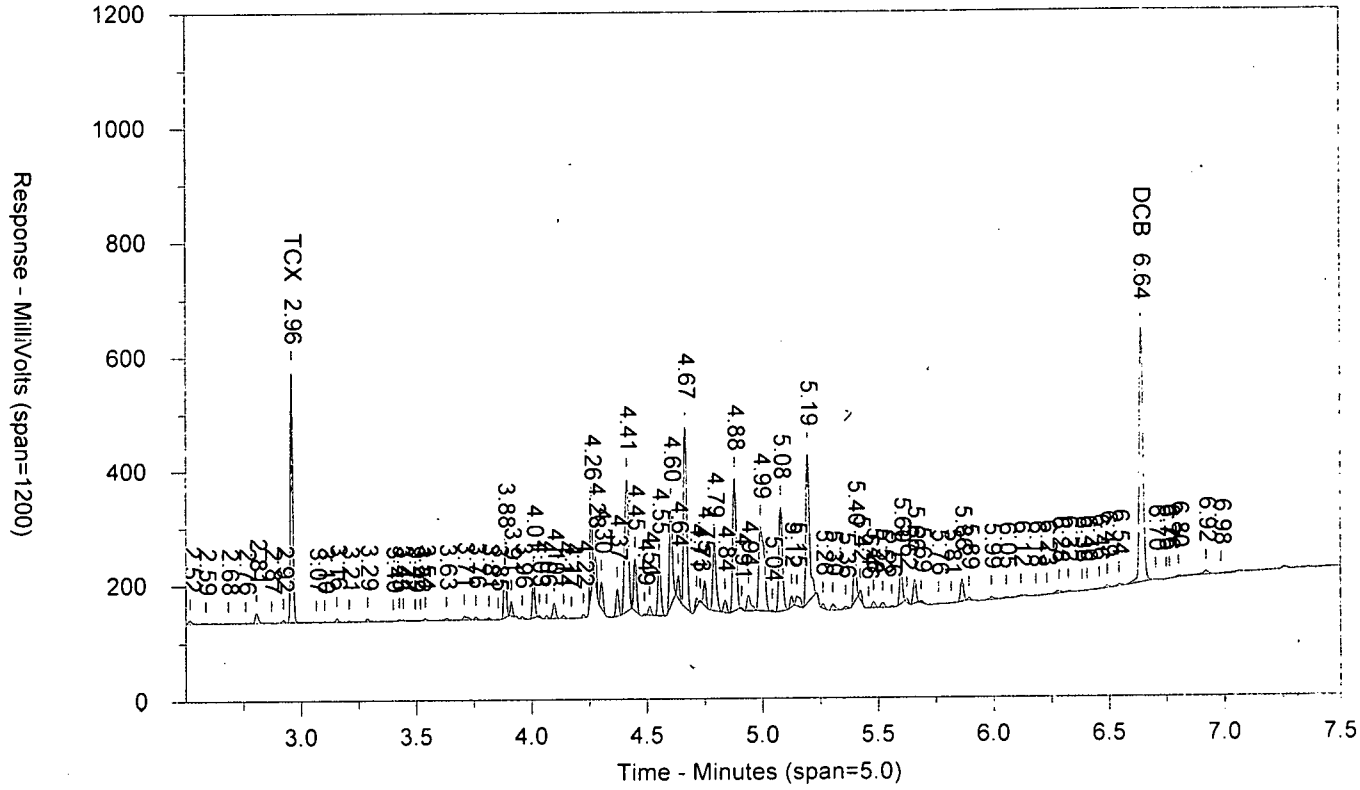

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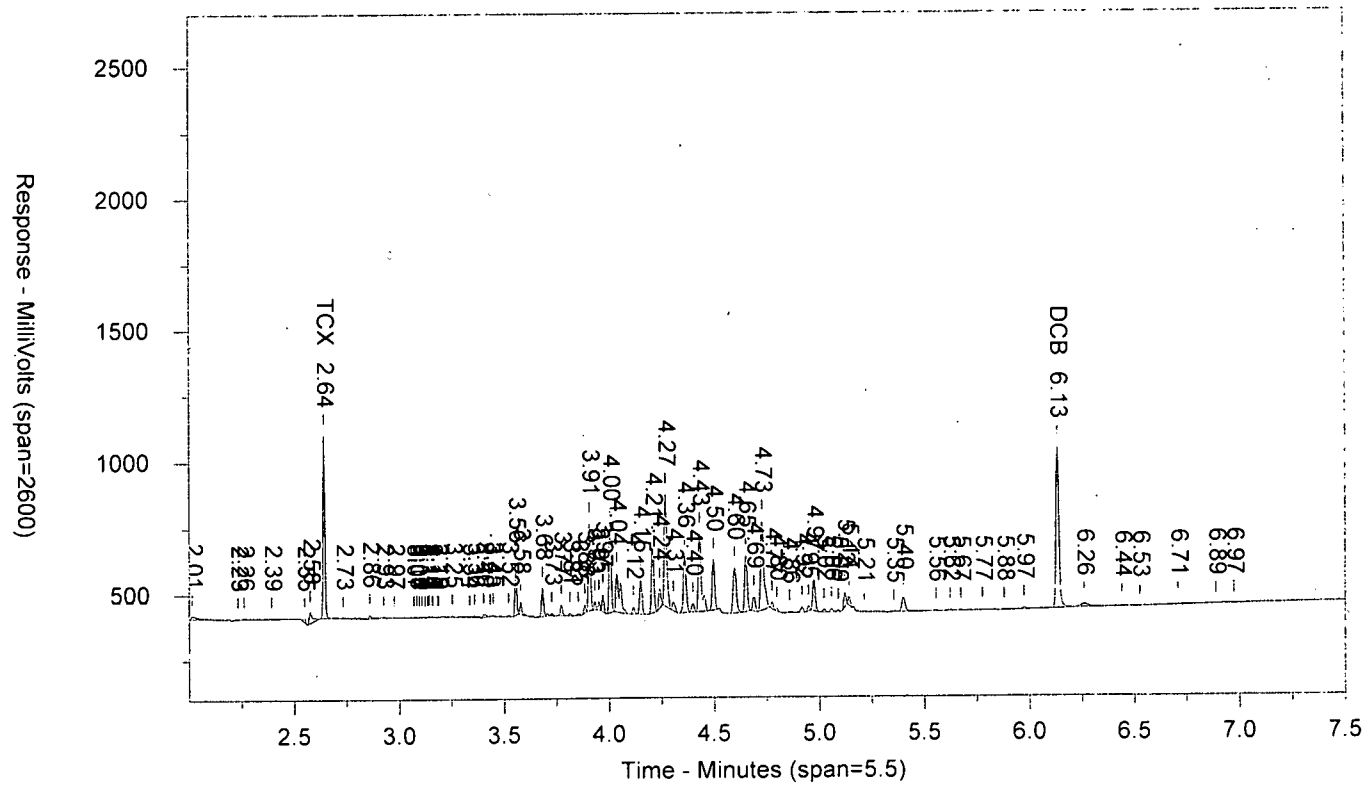

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:24:10 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	438517	3.858	TCX	2.642	692861	3.876	TCX
6.64	445415	4.183	DCB	6.133	610592	4.044	DCB

Files:
Area File: 25pcbs17257002.020.RAW
Area File: 25pcbs17257002B.020.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 7:32:41 PM
File Reported On: 9/14/2017 at 7:32:50 PM

AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082

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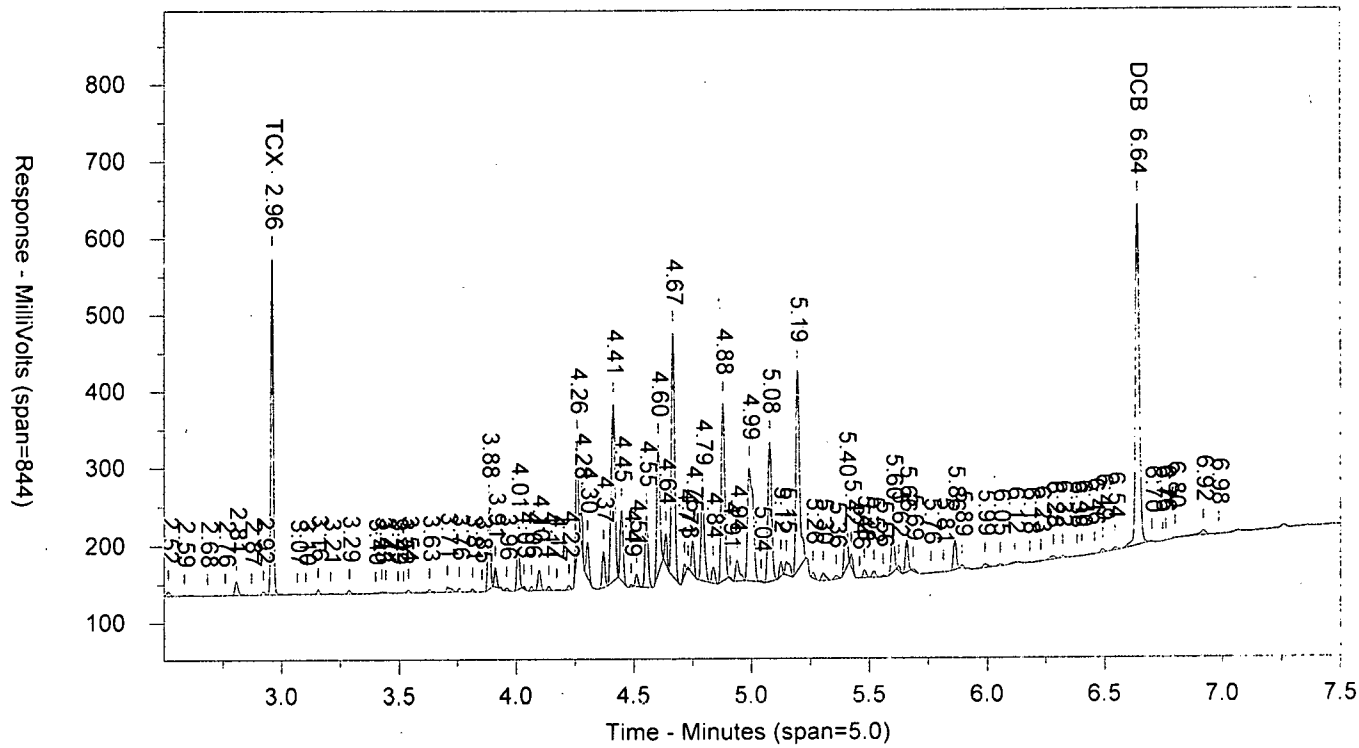

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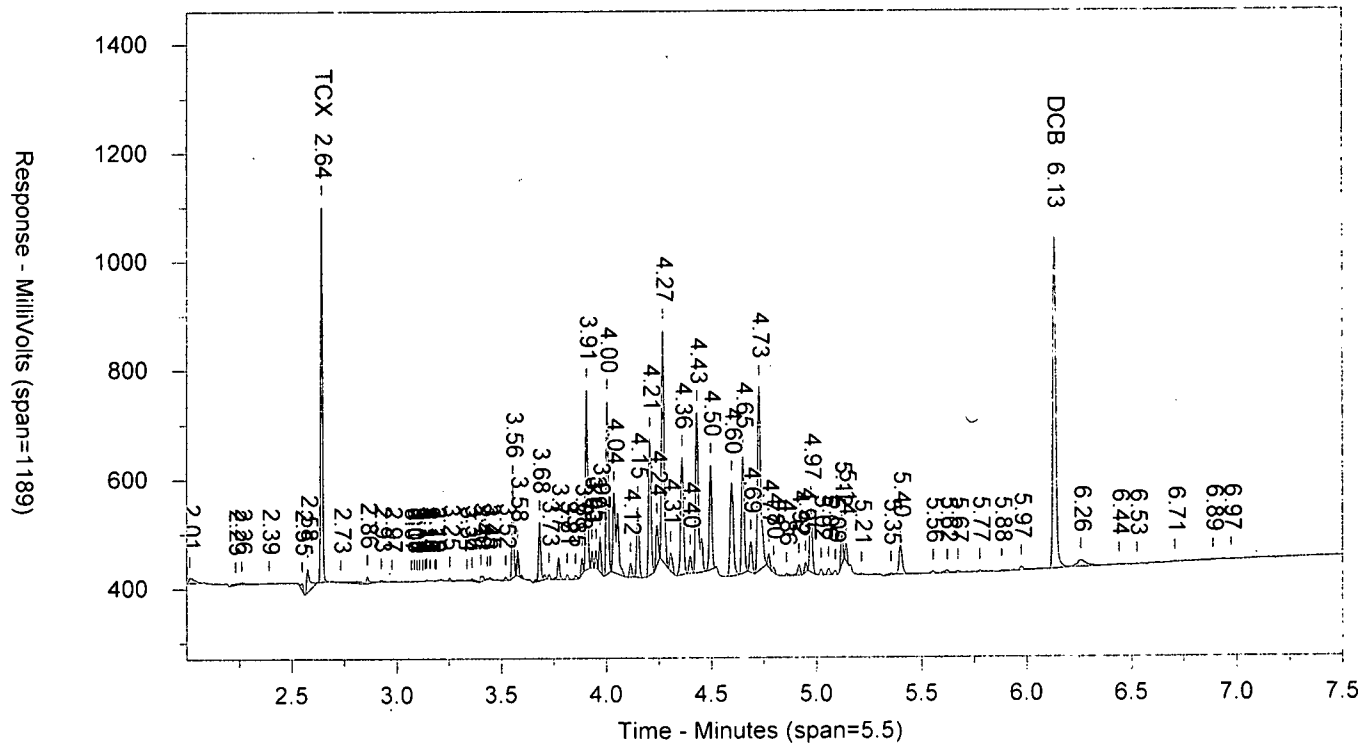

AR5421724B AAAR542AA ICAL 1725699999 10736 SW-846 8082

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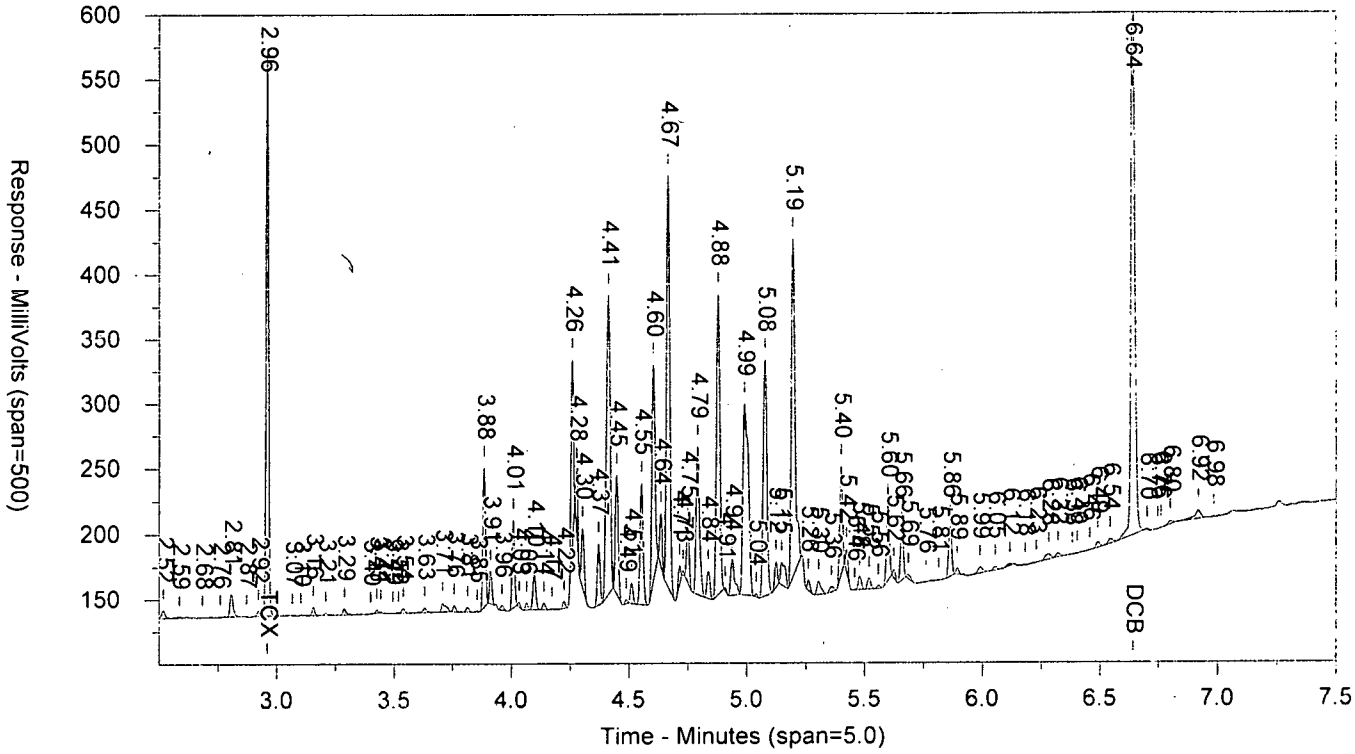

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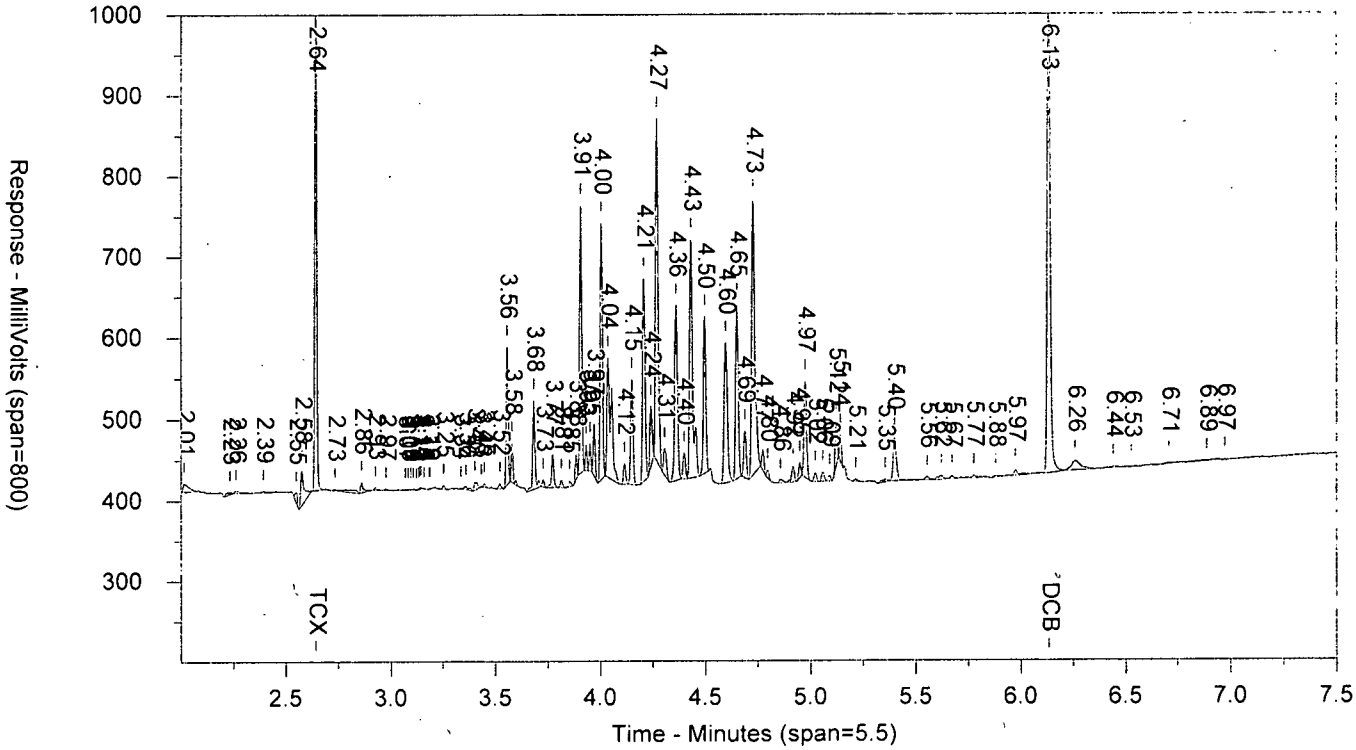

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:35:28 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.021.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		7803	9098
2.109		4901	13667
2.243		384	143
2.259		4313	2973
2.358		16907	12913
2.394		1973	2590
2.465		356	500
2.518		5804	6998
2.566		388	159
2.588		543	619
2.689		620	1160
2.785		327	195
2.806		16625	15843
2.866		448	326
2.922		4000	3432
2.959	TCX	884175	608140
3.055		855	1216
3.106		955	1274
3.156		12456	8737
3.208		3503	2597
3.287		5783	5192
3.365		658	707
3.426		4495	2696
3.442		1792	922
3.495		622	325
3.54		5791	4988
3.599		735	458
3.632		2266	2339
3.709		5875	3333
3.719		2593	2259
3.758		8689	7343
3.814		6562	5034
3.857		1078	911
3.885		195238	151602
3.911		48402	33891
3.933		3877	1967
3.96		3164	2863
4.008		126468	99449
4.033		5784	3317
4.065		10580	8131
4.097		55494	45681
4.138		10538	8737
4.174		1455	1552
4.223		10819	8342
4.259		257601	183420
4.276		86969	49271
4.303		87919	72374
4.371		93258	77241
4.413		445086	496663
4.448		175966	151163
4.489		5766	3764
4.511		30802	24785
4.553		170913	161859
4.603		315277	284769

RT A	Compound A	Height A	Area A
4.634		69629	50498
4.665		611659	575238
4.714		28662	19691
4.729		6823	2803
4.749		85773	66969
4.791		204946	223830
4.837		45976	40068
4.877		448751	455691
4.908		5016	2824
4.938		54430	65142
4.99		264924	440107
5.041		4797	3310
5.077		349443	383065
5.124		41323	31479
5.148		33483	51230
5.194		514946	662165
5.261		15564	12020
5.304		20183	24465
5.359		2687	3433
5.4		150376	134616
5.423		30815	20678
5.454		701	372
5.479		19105	18691
5.518		18264	16918
5.558		4127	3741
5.597		109691	102746
5.623		11617	8353
5.657		85798	93625
5.761		718	920
5.782		554	538
5.861		78309	70685
5.892		9251	8597
5.993		3691	5956
6.053		5669	5952
6.117		2528	3898
6.165		379	230
6.181		291	106
6.195		418	214
6.228		435	414
6.285		5133	7042
6.322		2396	2543
6.35		524	292
6.395		706	486
6.42		649	286
6.441		456	251
6.491		8442	9137
6.55		2421	3908
6.64	DCB	870579	944667
6.748		445	96
6.804		1711	2082
6.854		631	209
6.88		511	229
6.918		5556	8312
6.979		638	335

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:35:28 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.021.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.017		8752	18633
2.081		4265	4100
2.183		2751	3261
2.232		2716	5667
2.264		3069	5862
2.393		1978	5166
2.547		3457	3533
2.574		32936	27497
2.642	TCX	1380353	816514
2.78		1223	843
2.812		1833	3421
2.859		22588	17695
2.925		6186	5022
2.975		4130	3701
3.059		543	218
3.074		835	175
3.082		1238	330
3.097		757	332
3.114		559	134
3.132		4177	1752
3.143		2045	778
3.171		805	189
3.179		296	55
3.185		620	158
3.209		1892	1825
3.254		8205	6485
3.291		1839	1204
3.316		2085	1012
3.337		1467	974
3.355		2791	1957
3.402		8094	4167
3.412		6458	2597
3.432		5425	2439
3.446		7442	5903
3.52		11422	7619
3.555		304709	196461
3.578		91204	58970
3.682		205931	150686
3.727		18496	12790
3.772		81920	59701
3.813		18039	13026
3.853		13684	10838
3.884		61730	34526
3.905		628641	452463
3.931		61650	34442
3.951		66176	35343
3.969		122802	77754
4.004		620049	447174
4.036		222976	143088
4.054		136549	75481
4.116		50058	37157
4.15		245837	190936
4.207		482280	309407
4.241		137271	105665

RT B	Compound B	Height B	Area B
4.268		846127	680331
4.305		66842	61680
4.36		412997	377675
4.397		65602	52211
4.43		597612	591768
4.495		368300	352133
4.595		328148	349977
4.65		421260	366685
4.689		107845	98453
4.727		666844	690646
4.774		50010	32684
4.797		20727	13449
4.858		8205	9953
4.915		39121	35417
4.948		31589	23648
4.973		216449	189513
5.021		25506	21770
5.058		22774	18895
5.087		13720	11489
5.12		106305	75967
5.141		70808	54698
5.213		5704	5529
5.356		4838	6203
5.397		100844	110931
5.553		8565	7641
5.599		3381	2316
5.62		5370	4005
5.672		6227	5571
5.777		6317	13074
5.919		1223	3656
5.973		12765	17185
6.132	DCB	1221243	1153680
6.258		11611	35443
6.398		1584	1206
6.581		2225	1941
6.996		1122	15555

AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082

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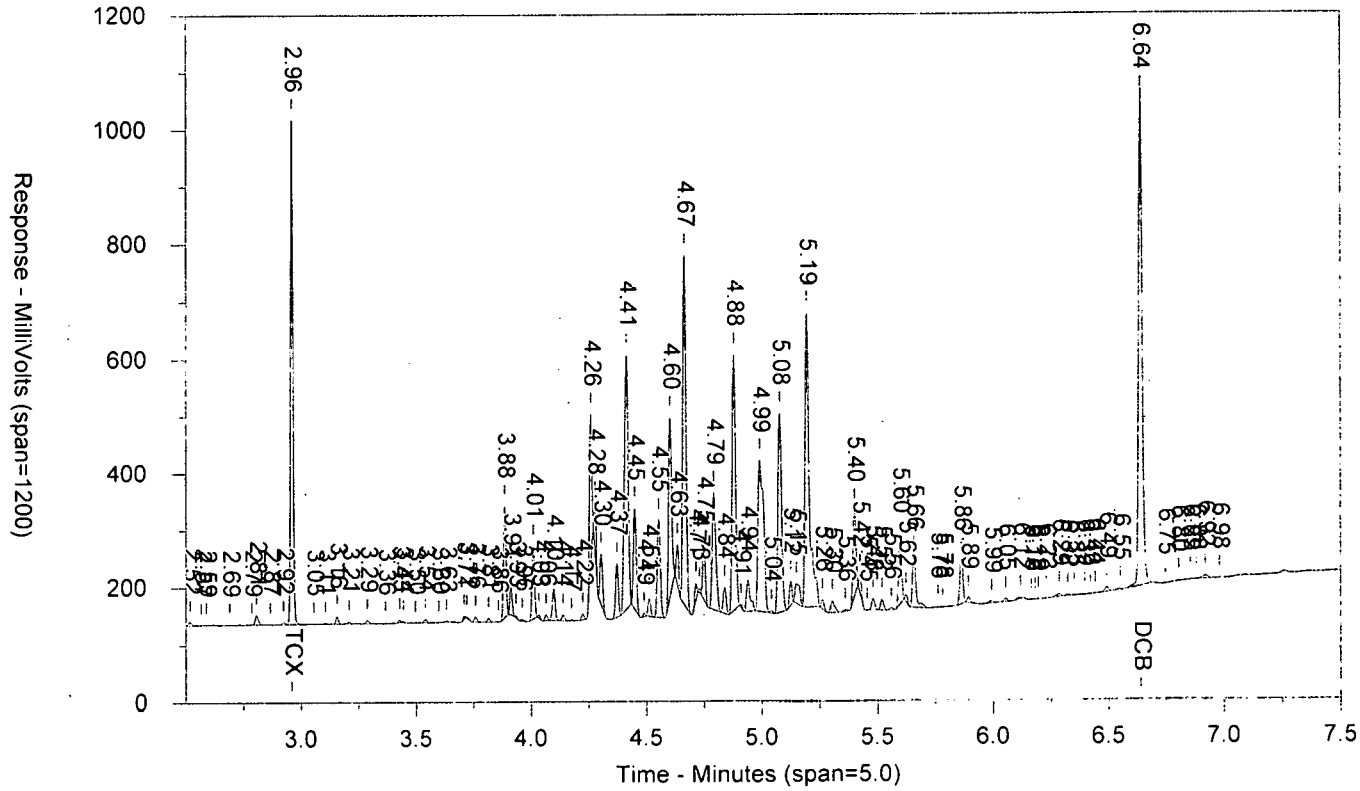

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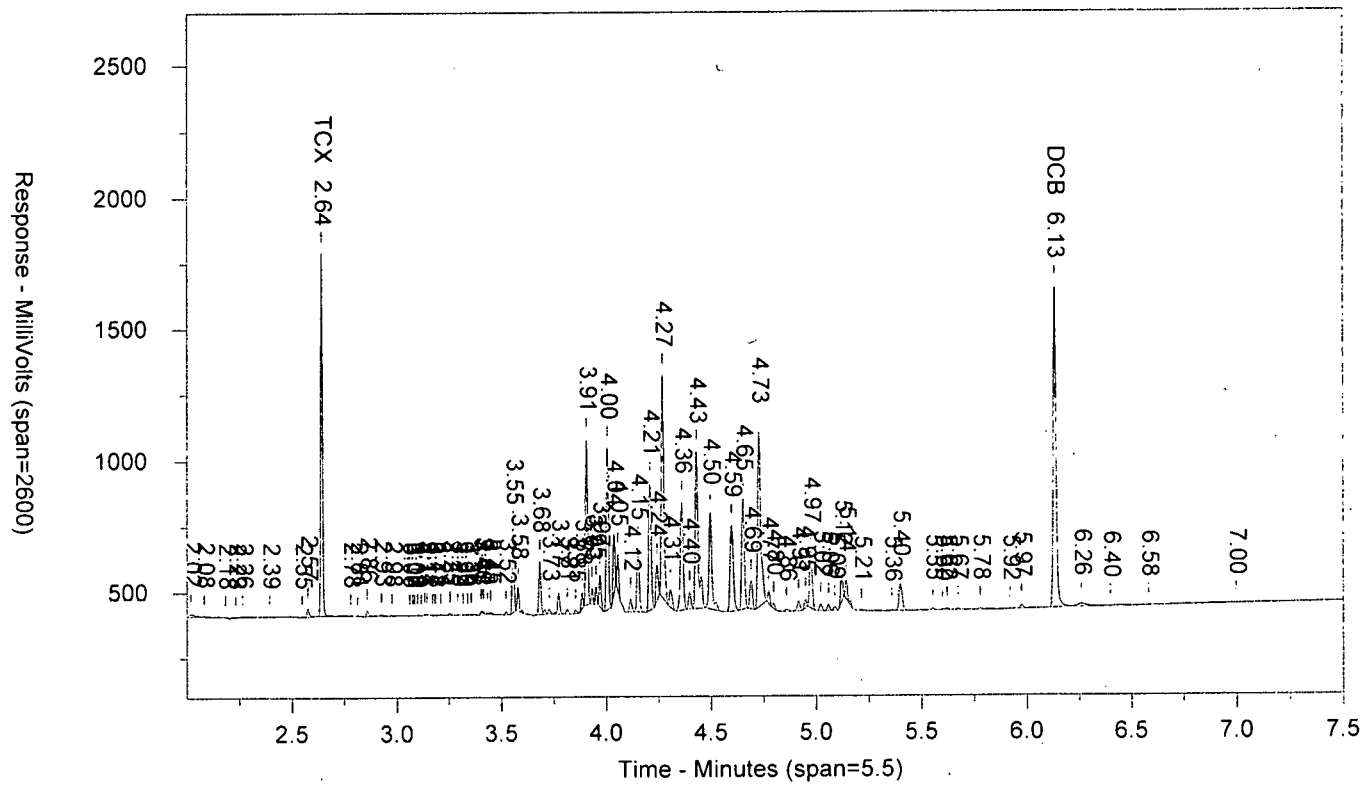

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:35:28 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	884175	7.779	TCX	2.642	1380353	7.722	TCX
6.64	870579	8.175	DCB	6.132	1221243	8.088	DCB

Files:
Area File: 25pcbs17257002.021.RAW
Area File: 25pcbs17257002B.021.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 7:43:59 PM
File Reported On: 9/14/2017 at 7:44:06 PM

AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082

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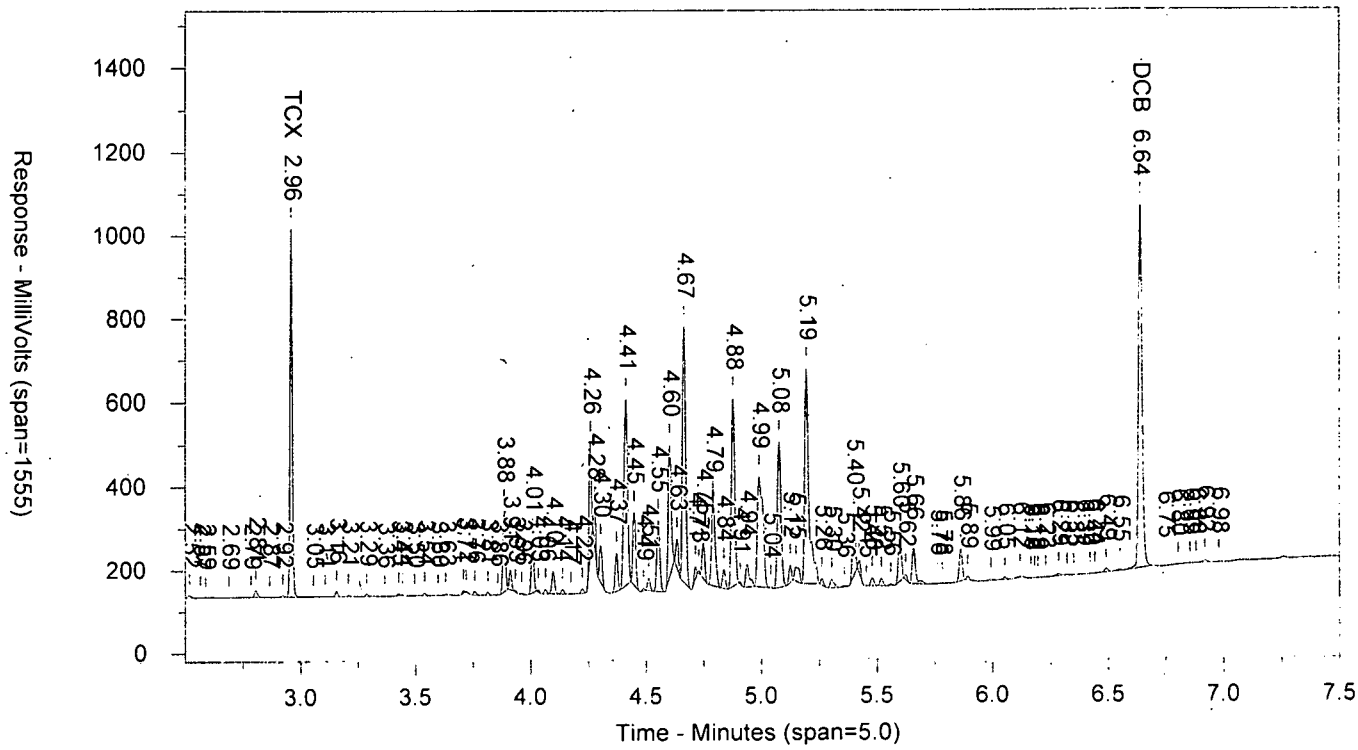

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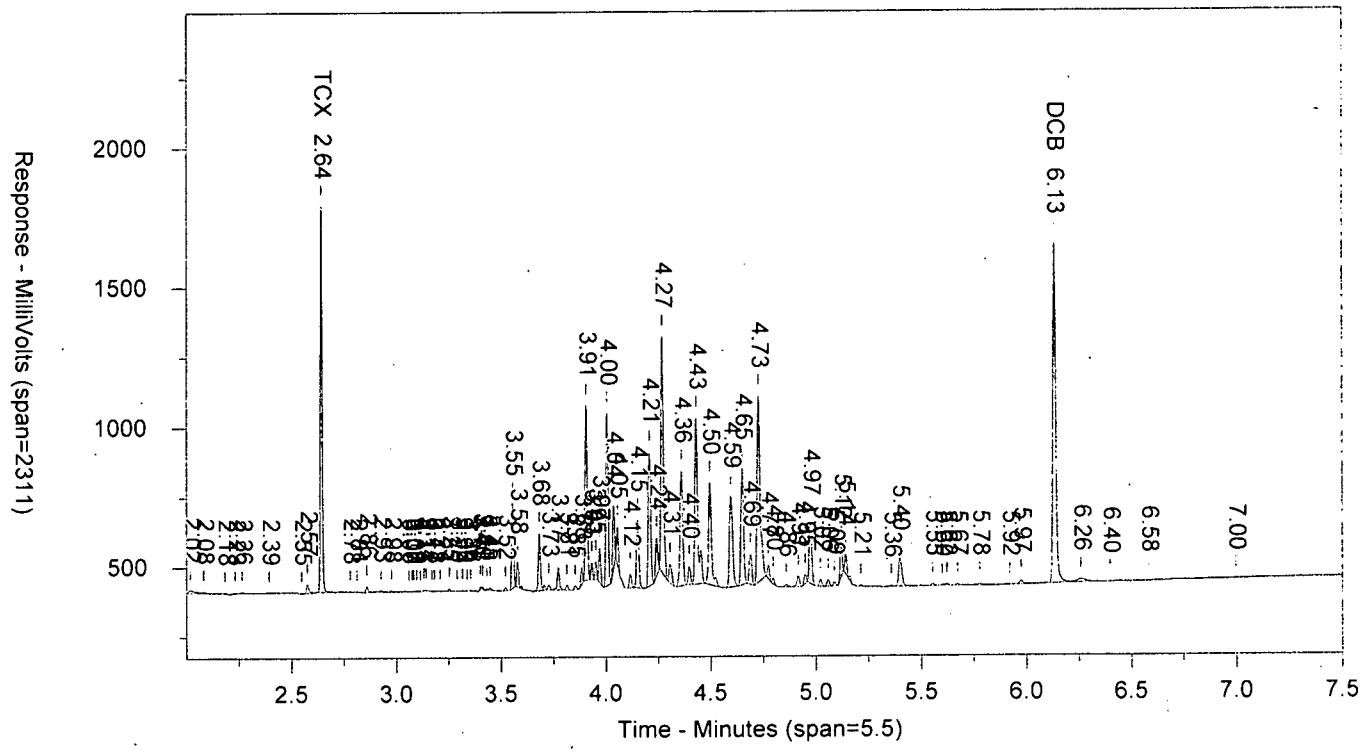

AR5431724B AAAR543AA ICAL 1725699999 10736 SW-846 8082

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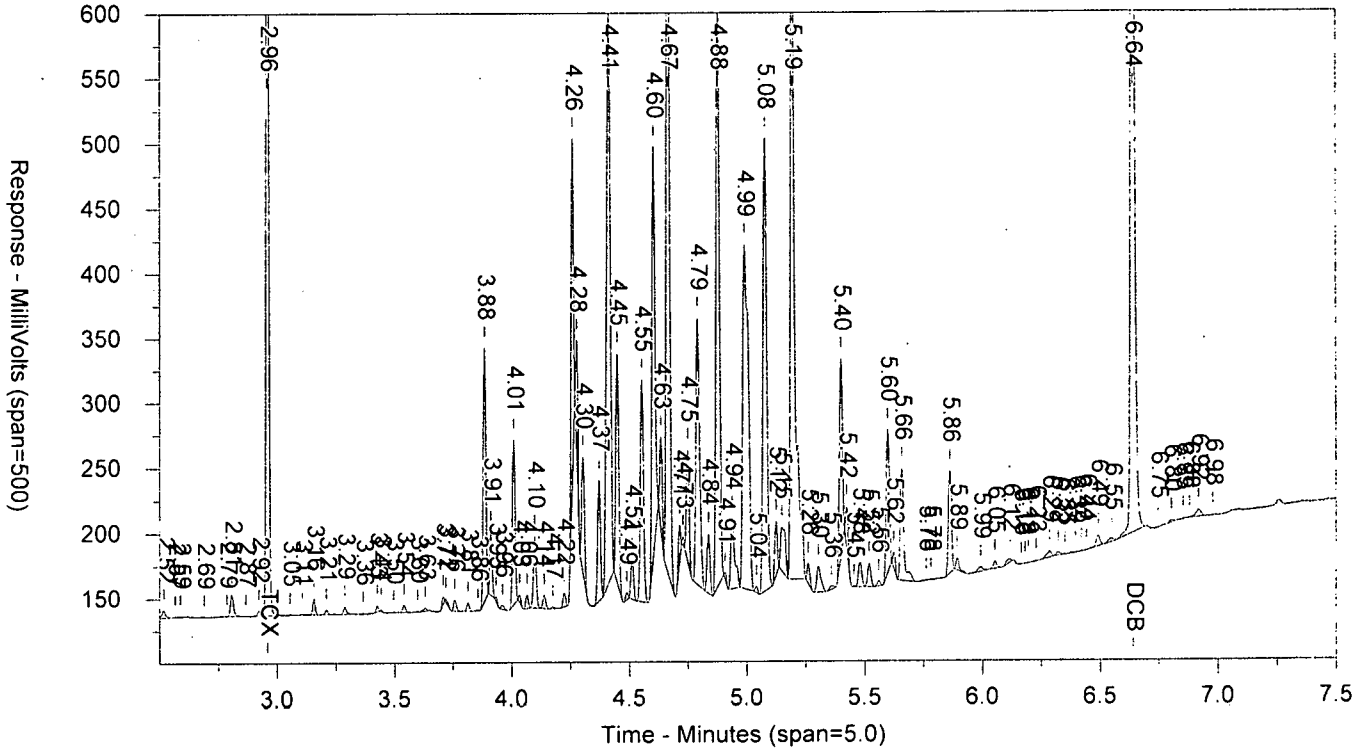

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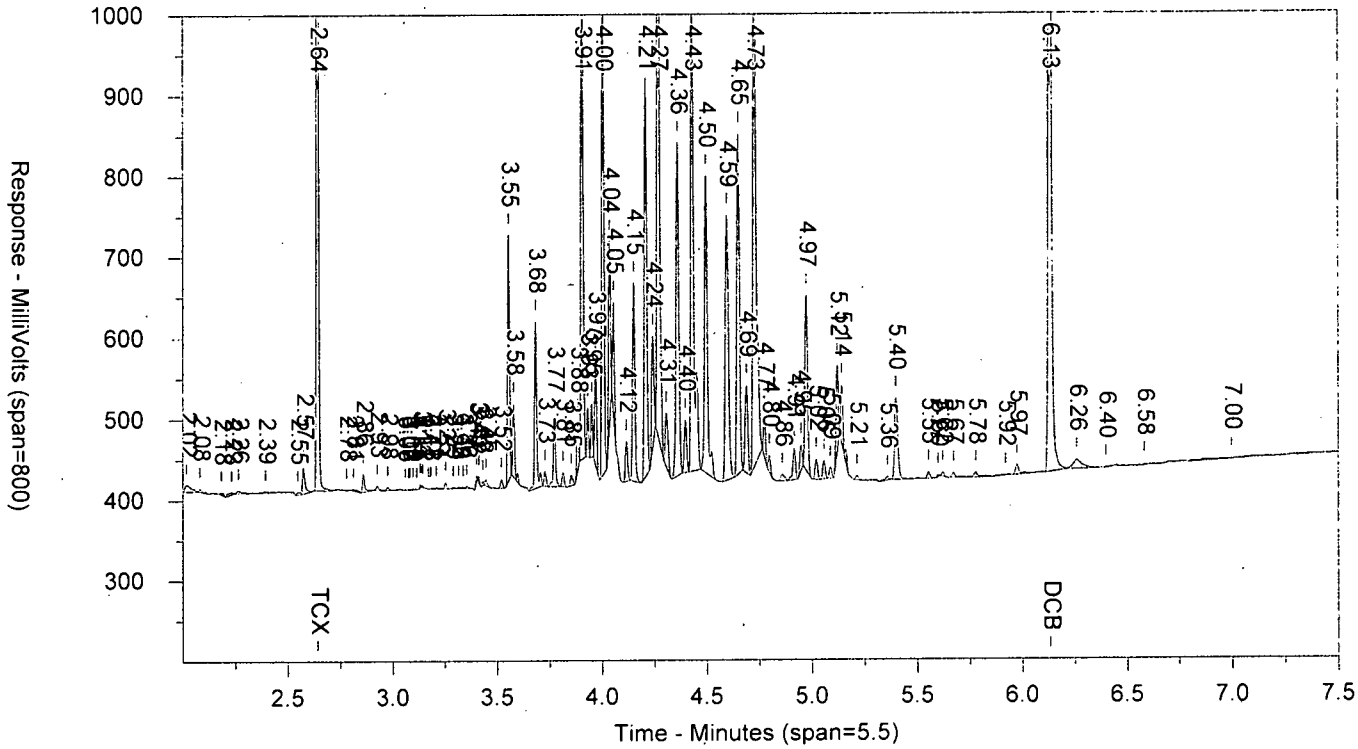

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:46:46 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.022.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.062		5981	7274
2.111		4800	11847
2.187		620	571
2.259		10855	7404
2.312		304	127
2.358		11362	10332
2.393		1876	2881
2.518		4532	5593
2.599		576	320
2.682		704	868
2.733		373	127
2.806		8695	8731
2.887		621	260
2.922		2794	2756
2.959	TCX	2155095	1478921
3.105		2019	1857
3.156		28983	20325
3.21		8851	6438
3.287		8090	7859
3.366		487	457
3.401		322	294
3.426		11177	6690
3.442		4175	2272
3.478		825	407
3.496		1433	894
3.541		13459	10575
3.597		923	503
3.617		3433	3226
3.651		2323	1245
3.666		1172	538
3.709		12729	7032
3.72		6828	5697
3.758		20876	17164
3.815		16138	12212
3.857		2076	1469
3.885		438697	340117
3.912		111304	79729
3.934		9863	4782
3.96		2501	1829
4.009		281271	225219
4.033		14296	7684
4.064		25536	19033
4.098		127948	110386
4.139		24280	20795
4.172		3448	3665
4.224		25324	19832
4.259		632053	434736
4.276		206372	111011
4.303		197639	163014
4.371		208527	178047
4.414		1035794	1153261
4.448		403507	340872
4.49		13895	9294
4.512		74244	59338

RT A	Compound A	Height A	Area A
4.554		394281	367915
4.604		770701	676430
4.635		173304	116806
4.665		1499619	1365606
4.715		68213	50229
4.729		16295	6275
4.749		181982	148624
4.791		470136	504078
4.838		108338	97996
4.878		1081906	1075480
4.91		12941	7965
4.938		102539	85539
4.957		15580	8416
4.99		620715	986034
5.041		12156	8710
5.077		840560	909821
5.123		91588	73451
5.148		30437	19871
5.159		26057	18768
5.194		1067328	1026866
5.216		35909	20034
5.261		38796	30288
5.304		48732	58916
5.4		333899	301031
5.422		65905	46652
5.453		1388	726
5.479		47338	44598
5.517		43043	40436
5.559		11847	10540
5.597		241027	232569
5.623		34043	21546
5.657		186455	210781
5.763		1007	1532
5.822		460	408
5.861		166636	162823
5.891		24057	22066
5.991		3629	5795
6.053		15642	16330
6.116		17004	33599
6.172		527	192
6.286		11000	12760
6.32		2750	3477
6.38		396	339
6.439		433	1315
6.462		779	361
6.49		21916	22581
6.542		2724	2846
6.639	DCB	2033158	2182941
6.802		1386	1929
6.84		581	378
6.872		871	950
6.917		5770	8184
6.949		576	314
6.978		734	412

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:46:46 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.022.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.023		7896	17300
2.083		7327	5412
2.228		1499	2212
2.259		3016	4933
2.384		2058	3315
2.508		12895	61850
2.576		20109	16923
2.642	TCX	3497194	1992945
2.812		4038	5081
2.859		49484	32743
2.925		14521	10945
2.975		8563	5954
3.037		2617	2114
3.071		1129	304
3.084		701	316
3.099		788	257
3.112		744	103
3.119		464	75
3.132		14198	6822
3.142		4509	1914
3.17		919	403
3.185		2725	1342
3.206		3710	2943
3.229		1311	795
3.254		19959	14035
3.291		5635	3591
3.319		2034	1024
3.336		4667	2452
3.353		3125	2522
3.403		21061	9657
3.412		13369	5344
3.432		12560	5625
3.446		20122	14927
3.521		25019	16289
3.555		697494	437296
3.578		202192	133026
3.683		452264	327467
3.727		42920	29333
3.757		6778	3212
3.773		173043	114831
3.814		43054	30846
3.853		33445	27292
3.884		142001	84511
3.906		1625913	1074936
3.931		155177	85036
3.95		153908	82789
3.969		290162	179397
4.004		1465108	1043656
4.037		659616	908727
4.115		114506	87665
4.15		562045	437771
4.207		1210689	921836
4.24		333186	251992
4.268		2124178	1645504

RT B	Compound B	Height B	Area B
4.305		143909	143398
4.359		953575	866240
4.397		149349	122128
4.43		1466951	1377302
4.495		869080	795231
4.596		761211	795226
4.65		1016620	880808
4.688		246699	221246
4.727		1651252	1619909
4.774		110026	75332
4.797		47780	32425
4.858		21198	23712
4.914		93238	86076
4.947		85355	57492
4.972		506270	434716
5.021		65685	55029
5.057		53857	45506
5.088		33248	28744
5.119		234135	177509
5.14		150128	115508
5.213		15599	14001
5.354		9901	10214
5.397		229118	249118
5.554		21282	19895
5.599		9369	6207
5.621		17680	13552
5.671		14758	14825
5.775		13118	16328
5.974		31720	34146
6.132	DCB	2786572	2658553
6.254		9536	26598
6.439		2216	4546
6.585		3176	4895
6.78		1545	7503

AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082

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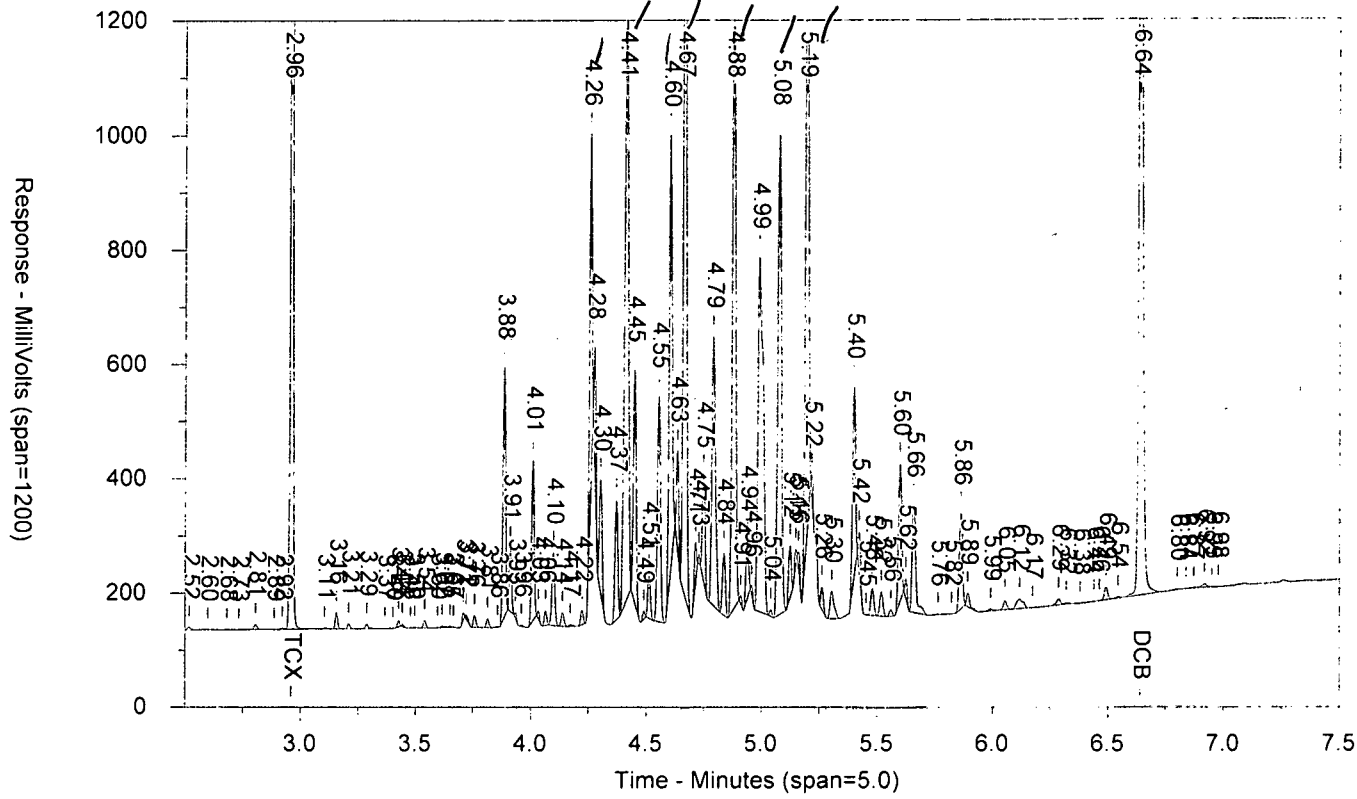

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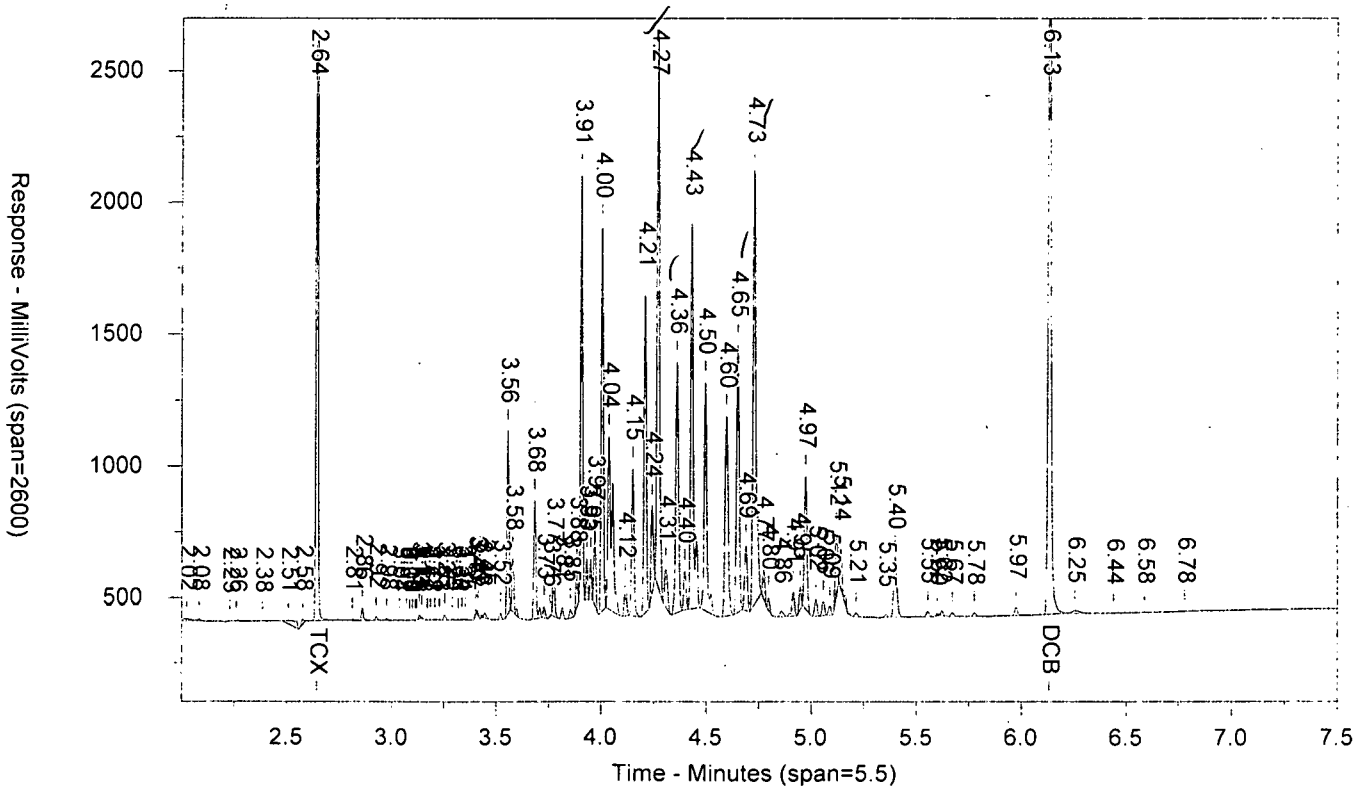

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:46:46 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	2155095	18.96	TCX	2.642	3497194	19.565	TCX
6.639	2033158	19.093	DCB	6.132	2786572	18.455	DCB

Files:
Area File: 25pcbs17257002.022.RAW
Area File: 25pcbs17257002B.022.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 7:55:17 PM
File Reported On: 9/14/2017 at 7:55:24 PM

AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082

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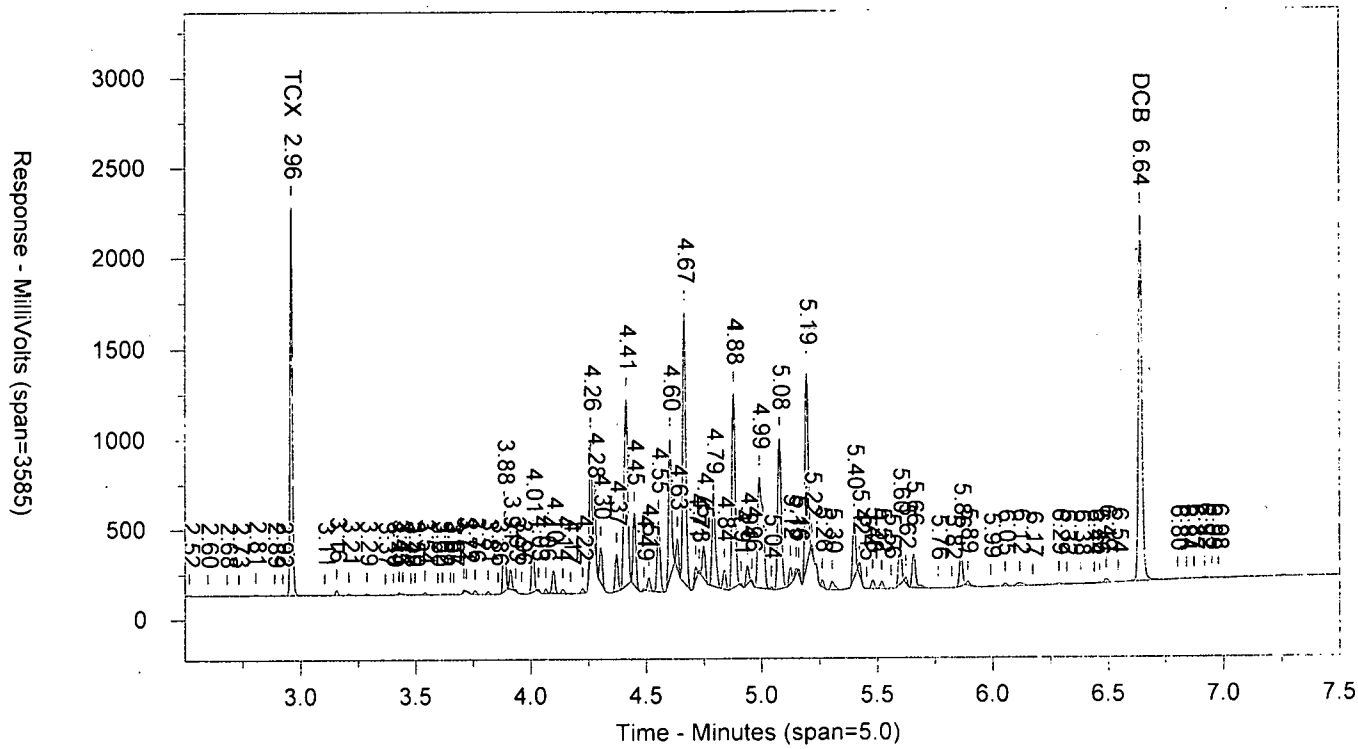

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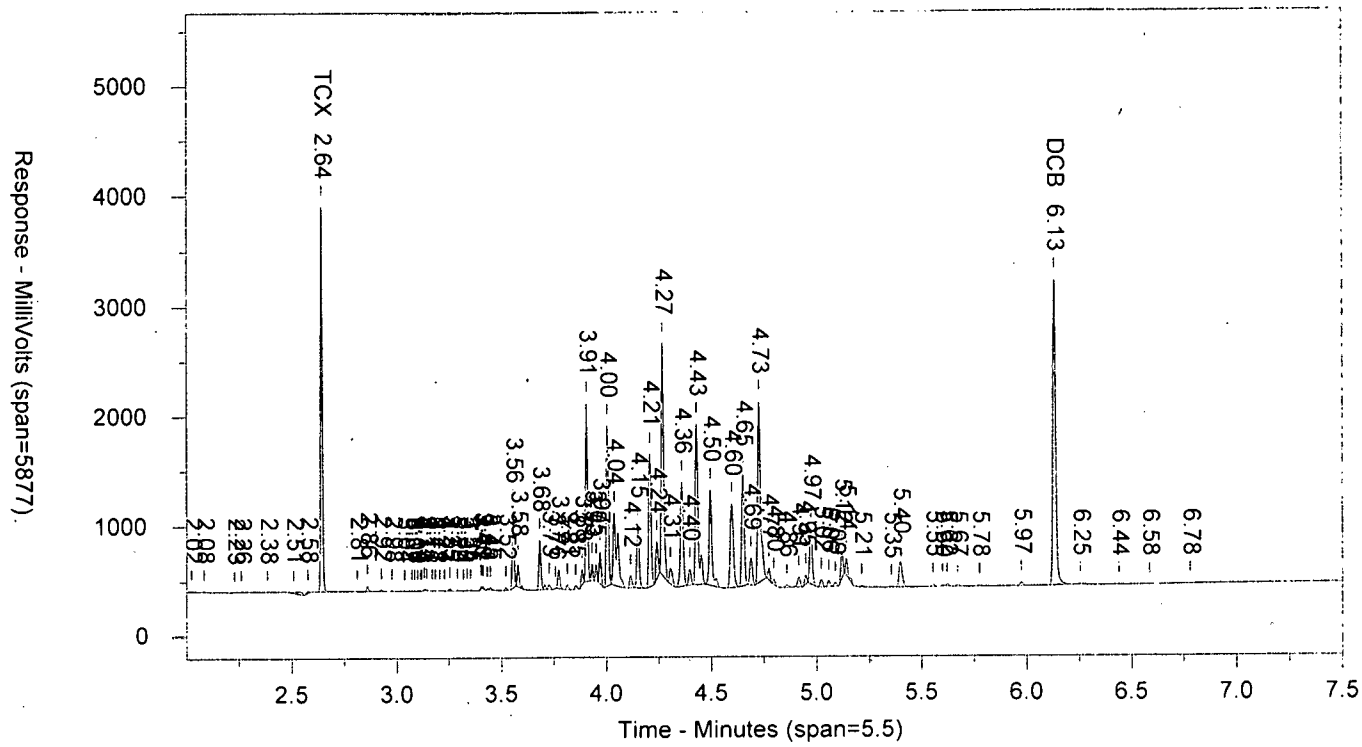

AR5441724B AAAR544AA ICAL 1725699999 10736 SW-846 8082

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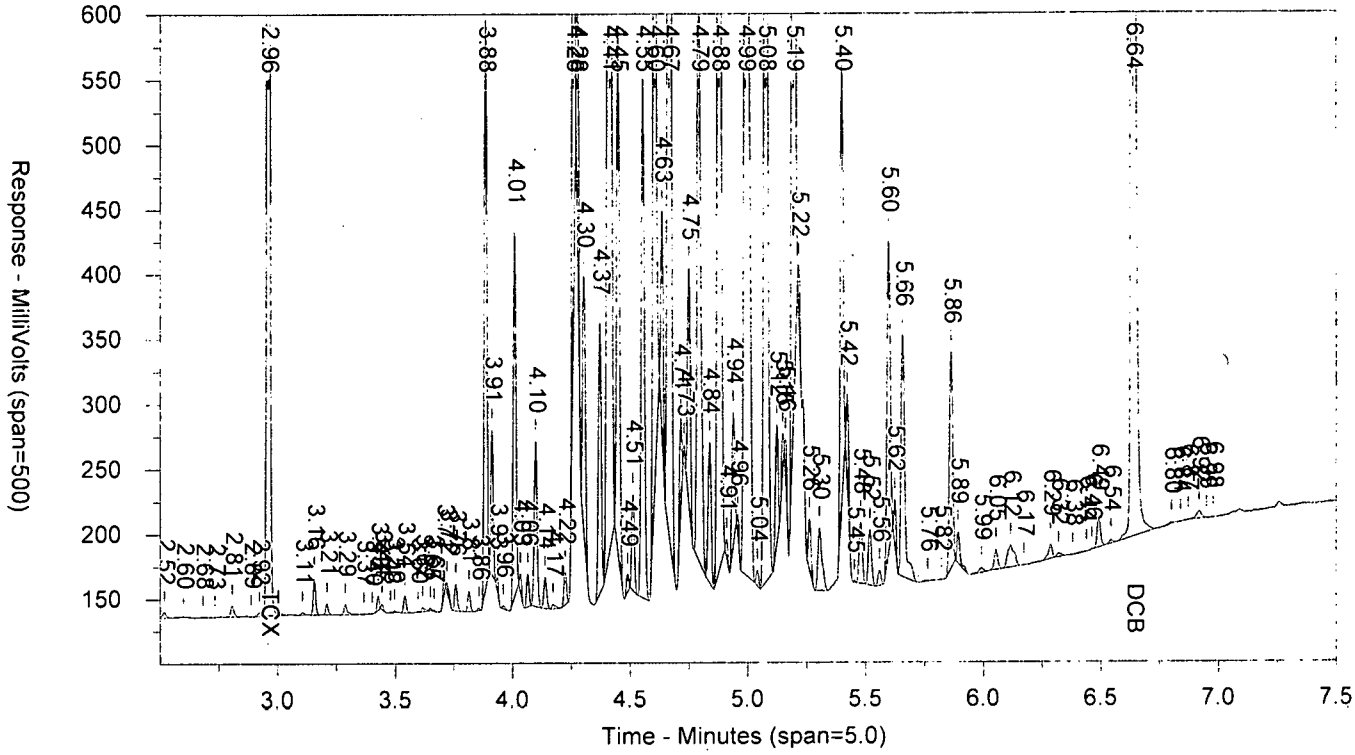

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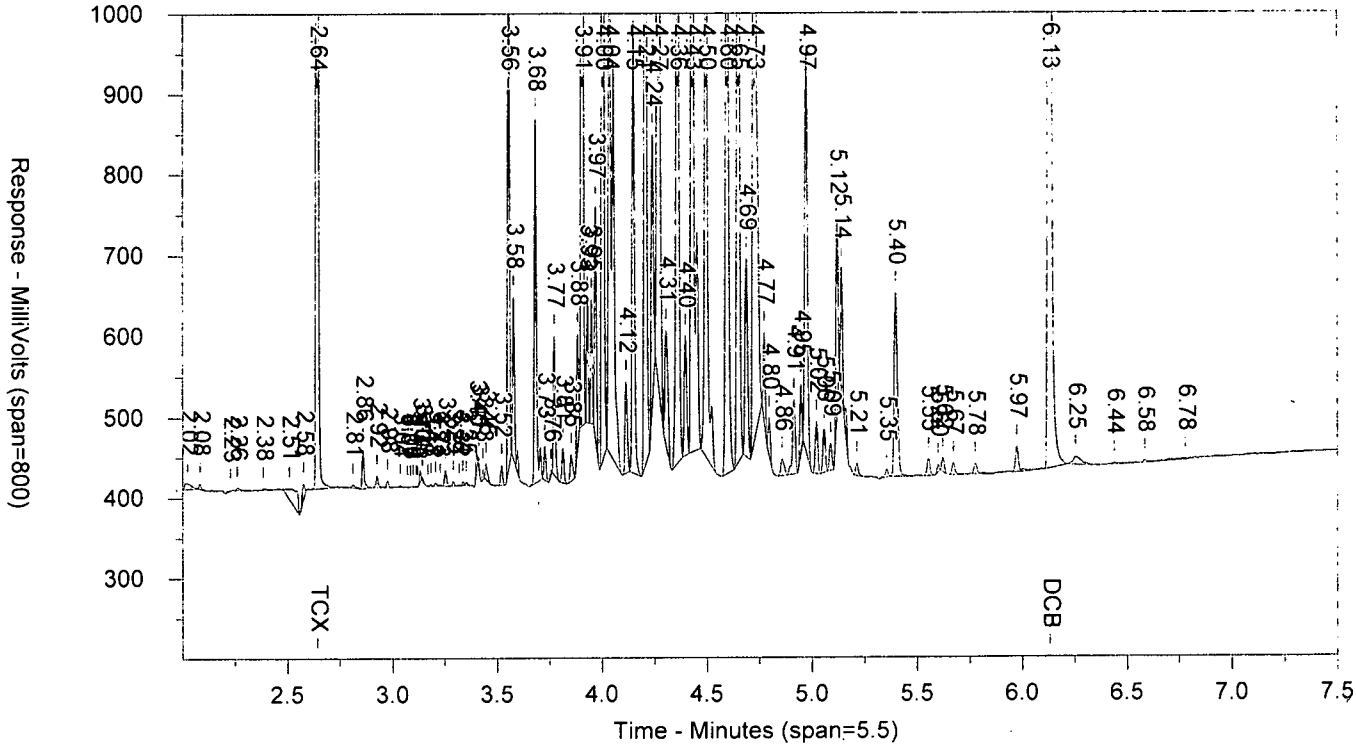

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:58:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.023.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		7690	9229
2.111		5244	13750
2.26		21442	14993
2.358		17448	16912
2.396		1648	1866
2.462		503	379
2.518		5661	6603
2.598		973	2394
2.68		626	634
2.742		444	174
2.764		481	413
2.806		15657	14666
2.873		561	342
2.923		3620	3445
2.96	TCX	4544106	3141755
3.057		1029	1321
3.107		3845	3433
3.156		61791	41862
3.21		17567	13387
3.288		15225	12662
3.361		594	444
3.389		425	86
3.426		22399	13727
3.443		8864	4815
3.48		1774	970
3.496		3486	2894
3.541		26980	21083
3.599		2687	1567
3.618		5964	5435
3.651		5180	2771
3.666		2364	1094
3.709		26344	14235
3.72		15544	12320
3.758		40603	33403
3.815		32784	25470
3.857		4639	2863
3.885		915986	695532
3.912		221559	158027
3.934		18662	9468
3.961		2783	1929
4.008		586481	462208
4.033		29160	16426
4.065		54695	39955
4.098		254602	226395
4.138		50756	43813
4.174		7349	7816
4.224		53049	41111
4.26		1294217	924455
4.277		451585	251732
4.303		396488	331282
4.371		420094	357560
4.414		2321307	2432236
4.449		816105	691561
4.489		29849	19488

RT A	Compound A	Height A	Area A
4.511		144961	121127
4.554		827051	747426
4.604		1642006	1436008
4.635		352296	236654
4.665		3279059	2918054
4.715		124067	96136
4.73		33743	13286
4.749		391319	301173
4.791		945500	1016455
4.837		213127	197550
4.878		2362705	2249589
4.909		32780	20436
4.938		226902	298280
4.99		1229167	1984141
5.041		25530	17940
5.077		1827567	1905926
5.124		187905	144717
5.149		148875	222741
5.195		2632537	3150384
5.261		73955	60881
5.304		100725	121300
5.4		693789	611333
5.423		139834	97631
5.455		3208	1604
5.479		94405	89438
5.518		87777	83826
5.559		23917	21685
5.597		494026	457372
5.623		63216	42533
5.657		366859	399412
5.76		2339	4694
5.82		755	765
5.861		318547	307054
5.892		46862	42432
5.961		1217	1219
5.993		3254	4125
6.054		32644	34771
6.116		35493	71118
6.286		20959	21769
6.324		2441	3484
6.375		564	357
6.392		770	372
6.423		1221	1278
6.463		916	572
6.491		42740	45084
6.547		2656	3282
6.64	DCB	3959244	4210863
6.776		723	284
6.809		1679	2339
6.85		475	95
6.859		763	368
6.919		6200	8749
6.982		734	487

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:58:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.023.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.025		8383	18089
2.083		14873	10050
2.187		3016	3220
2.219		2066	2173
2.264		3295	5509
2.394		2174	6345
2.548		11986	8268
2.575		37454	38116
2.642	TCX	7497873	4206763
2.813		7394	8891
2.86		99282	63873
2.926		29869	19241
2.975		18365	11380
3.037		4389	3943
3.064		471	107
3.086		652	206
3.092		548	220
3.116		567	279
3.132		29288	14078
3.143		7882	2743
3.182		3451	2127
3.206		6943	5327
3.23		2317	1340
3.255		40516	27249
3.292		11562	7720
3.318		4926	2733
3.336		9924	5116
3.354		6007	3844
3.402		81843	82714
3.432		25432	11722
3.447		40802	28264
3.521		50741	34028
3.555		1456409	903223
3.579		417535	269869
3.683		909203	666722
3.727		90791	61018
3.757		15980	6828
3.773		352708	233677
3.814		85701	62229
3.853		67644	56239
3.884		297827	173141
3.906		3442141	2312917
3.932		317091	180179
3.951		300705	162555
3.97		575299	356343
4.005		3144348	2215421
4.037		1377903	1878631
4.116		239979	175969
4.15		1169875	893567
4.207		2586900	1966128
4.241		690157	512278
4.268		4788273	3559004
4.306		297901	293895
4.36		2056254	1794664

RT B	Compound B	Height B	Area B
4.397		309498	246252
4.43		3226353	2879128
4.495		1742959	1611598
4.597		1570091	1618792
4.65		2193934	1872222
4.688		520519	441875
4.727		3487077	3384029
4.774		230971	150773
4.797		96403	63892
4.858		42601	48819
4.915		171418	168004
4.948		144584	106467
4.972		1028119	862328
5.022		128422	111801
5.058		110873	90321
5.088		64375	56847
5.12		511777	369118
5.141		298424	235956
5.214		29471	28707
5.355		19739	19179
5.397		430724	472570
5.554		44167	40089
5.599		20257	13937
5.622		36871	27759
5.671		30071	30114
5.776		28406	23886
5.917		574	3033
5.974		57107	52750
6.132	DCB	5705386	5159654
6.256		9322	24010
6.585		5842	5719
6.72		1809	3673
6.759		1256	1516

AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082

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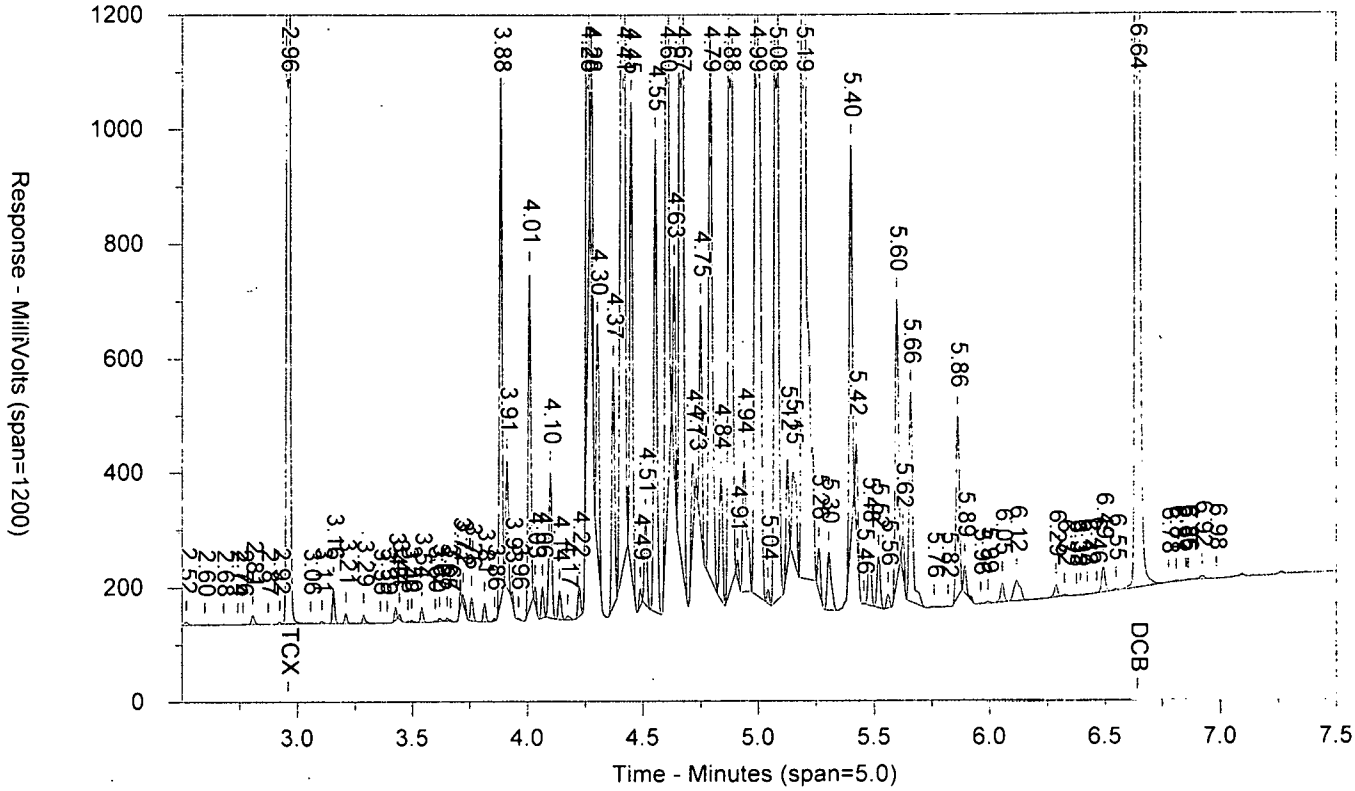

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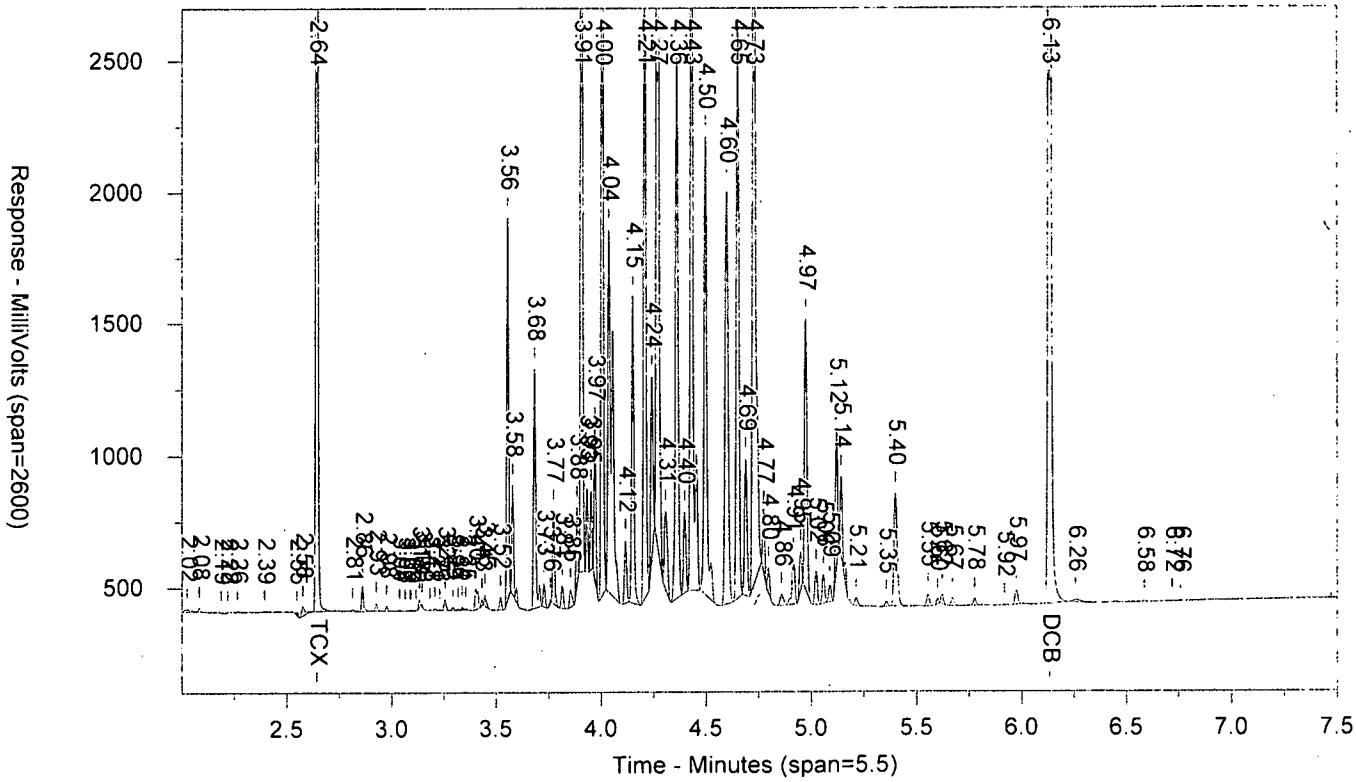

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 7:58:04 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	4544106	39.977	TCX	2.642	7497873	41.947	TCX
6.64	3959244	37.18	DCB	6.132	5705386	37.785	DCB

Files:
Area File: 25pcbs17257002.023.RAW
Area File: 25pcbs17257002B.023.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 8:06:36 PM
File Reported On: 9/14/2017 at 8:06:50 PM

AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082

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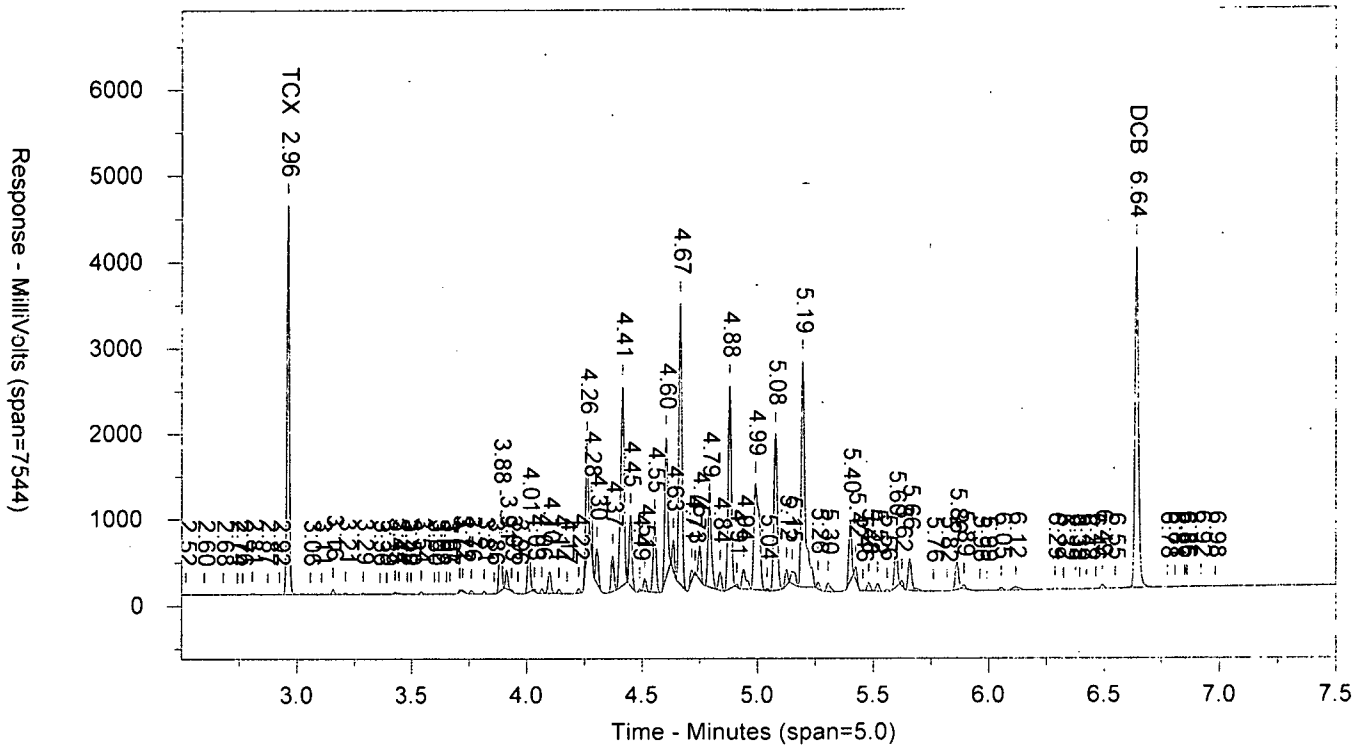

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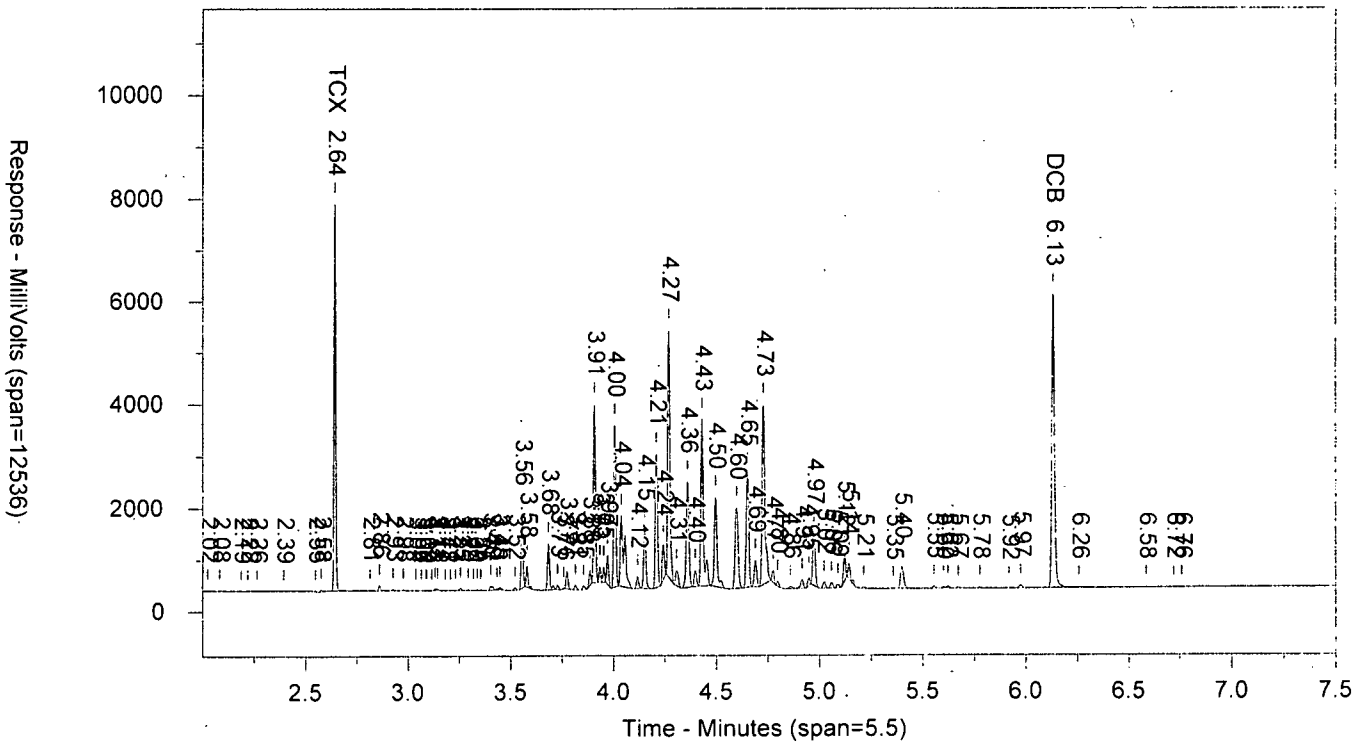

AR5451724B AAAR545AA ICAL 1725699999 10736 SW-846 8082

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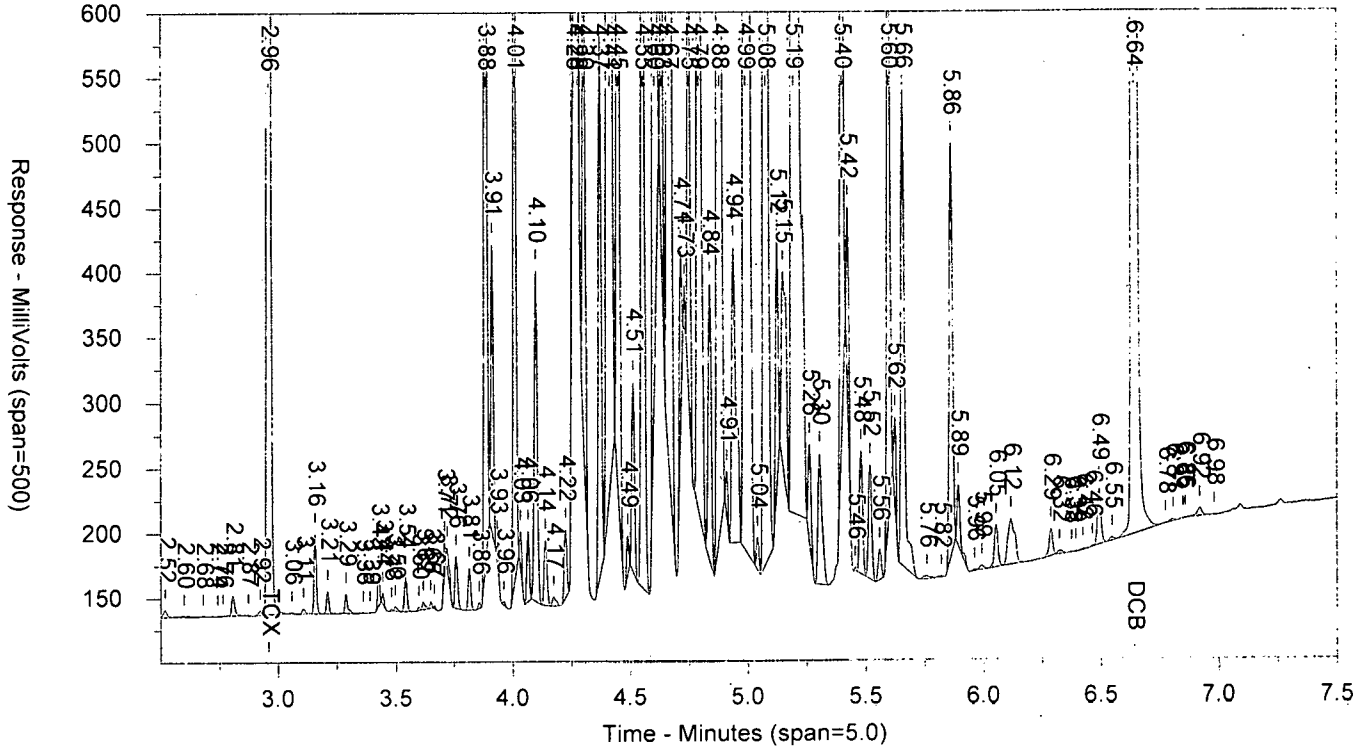

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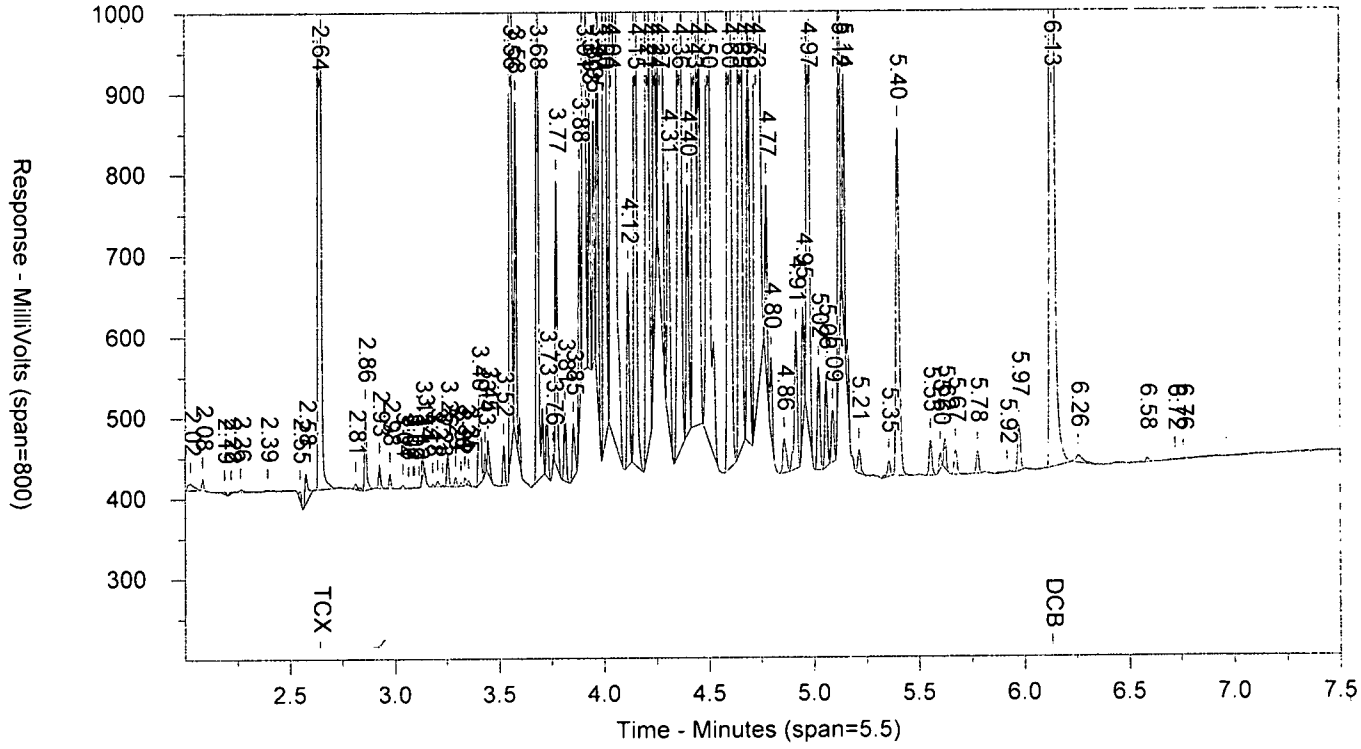

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:09:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.024.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.01		271	98
2.064		7146	9235
2.111		4418	12155
2.26		39653	29452
2.367		17417	18933
2.399		1417	1527
2.459		844	805
2.52		5415	6775
2.598		736	765
2.785		281	188
2.807		7891	6832
2.859		338	165
2.872		705	464
2.891		480	212
2.924		2826	2523
2.961	TCX	8827655	6046197
3.057		994	744
3.108		6478	6132
3.158		108067	77315
3.212		32191	23418
3.29		24304	20620
3.352		640	642
3.402		456	344
3.428		39277	24374
3.446		15317	8555
3.483		2961	1513
3.499		6066	5067
3.544		47138	36802
3.602		3298	2102
3.621		12415	9133
3.655		9204	5218
3.67		4341	2167
3.713		42361	24750
3.724		24378	21592
3.762		75942	60815
3.819		59383	45186
3.861		7980	5169
3.888		1618114	1207938
3.915		383440	268870
3.938		31316	16007
3.964		2543	1529
4.012		1021607	796433
4.037		51038	28394
4.068		91891	69991
4.102		444833	389804
4.143		91932	76743
4.177		12697	13811
4.228		94201	71986
4.263		2327792	1596041
4.281		794551	442293
4.307		702139	572201
4.376		732300	613230
4.418		4154307	4361891
4.453		1480493	1229450

RT A	Compound A	Height A	Area A
4.493		54586	35168
4.515		245340	205018
4.557		1466746	1307556
4.607		2914646	2602389
4.639		614781	429684
4.669		6102711	5338592
4.719		231466	161075
4.734		53306	21008
4.753		676383	537669
4.795		1757315	1805659
4.841		387382	347594
4.881		4370853	4130609
4.912		58204	37576
4.942		404796	514727
4.994		2322506	3537491
5.045		48068	33455
5.08		3370989	3543848
5.127		327622	258982
5.151		260211	398975
5.198		4559479	3976876
5.219		155488	80093
5.237		124000	77910
5.264		126649	99785
5.308		175685	216262
5.403		1265970	1096312
5.425		233522	152366
5.457		6209	2985
5.482		163971	158047
5.521		152284	151384
5.561		47697	41996
5.6		931904	849319
5.625		106571	73974
5.661		646272	718258
5.758		3724	5211
5.819		1169	1270
5.864		570757	555797
5.895		85428	78196
5.962		2798	3047
5.994		3214	3784
6.056		63701	67046
6.119		65378	134296
6.212		358	166
6.247		563	741
6.29		39673	39861
6.335		3164	4247
6.429		1633	2390
6.466		1163	1031
6.495		79503	85367
6.55		2337	2636
6.644	DCB	7787284	8233850
6.762		366	198
6.781		600	353
6.791		580	187
6.805		819	537
6.88		525	704
6.924		6096	8043
6.99		760	402

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:09:53 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.024.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.012		7525	16084
2.082		27922	19726
2.176		2863	4699
2.216		2311	1759
2.232		1167	637
2.266		3008	4613
2.389		1590	2728
2.544		11634	8442
2.575		21488	18893
2.642	TCX	14283840	8168927
2.812		12622	11158
2.859		174851	109289
2.925		53208	35278
2.975		33400	20150
3.036		7347	5128
3.073		539	128
3.084		626	140
3.09		511	95
3.098		803	261
3.113		590	106
3.132		53449	26774
3.143		14614	5062
3.184		7075	4315
3.206		12479	7625
3.23		4093	2213
3.255		71465	49701
3.292		21624	13736
3.32		4995	2589
3.337		16791	8478
3.353		8518	4542
3.403		136136	143008
3.433		43474	20640
3.448		70773	51493
3.523		90200	59870
3.557		2610085	1574702
3.581		715856	466036
3.685		1611357	1148612
3.73		147724	103884
3.76		28126	13872
3.776		610729	399186
3.817		148893	107559
3.855		117387	97712
3.886		529729	315147
3.908		6258368	4178167
3.934		597795	342598
3.953		530952	290506
3.972		1026865	623381
4.008		5549440	3966724
4.039		2531048	3321686
4.118		410333	299932
4.153		2078871	1571470
4.21		4920043	3589182
4.243		1263763	931609
4.271		9074043	6534089

RT B	Compound B	Height B	Area B
4.309		525215	510668
4.362		3777118	3241507
4.399		558279	434793
4.432		5945449	5281951
4.498		3220632	2914823
4.599		2996152	2935839
4.652		4359890	3558923
4.69		923485	787399
4.729		6463337	6304443
4.776		406899	276363
4.86		76505	86250
4.917		301614	299528
4.95		285445	196225
4.975		1914336	1598687
5.024		229253	200023
5.059		185847	158467
5.09		115389	102042
5.121		969747	704935
5.142		602951	460833
5.215		53930	50812
5.283		3871	4780
5.334		3208	1856
5.357		34425	28844
5.399		809332	867801
5.502		3613	4715
5.556		80150	72705
5.601		34790	25252
5.623		62125	47279
5.673		56934	49788
5.777		53130	53579
5.932		2570	3702
5.975		110274	103080
6.134	DCB	11667780	10105220
6.259		7500	13946
6.473		1958	4031
6.588		11176	13415
6.718		1767	3341

AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082

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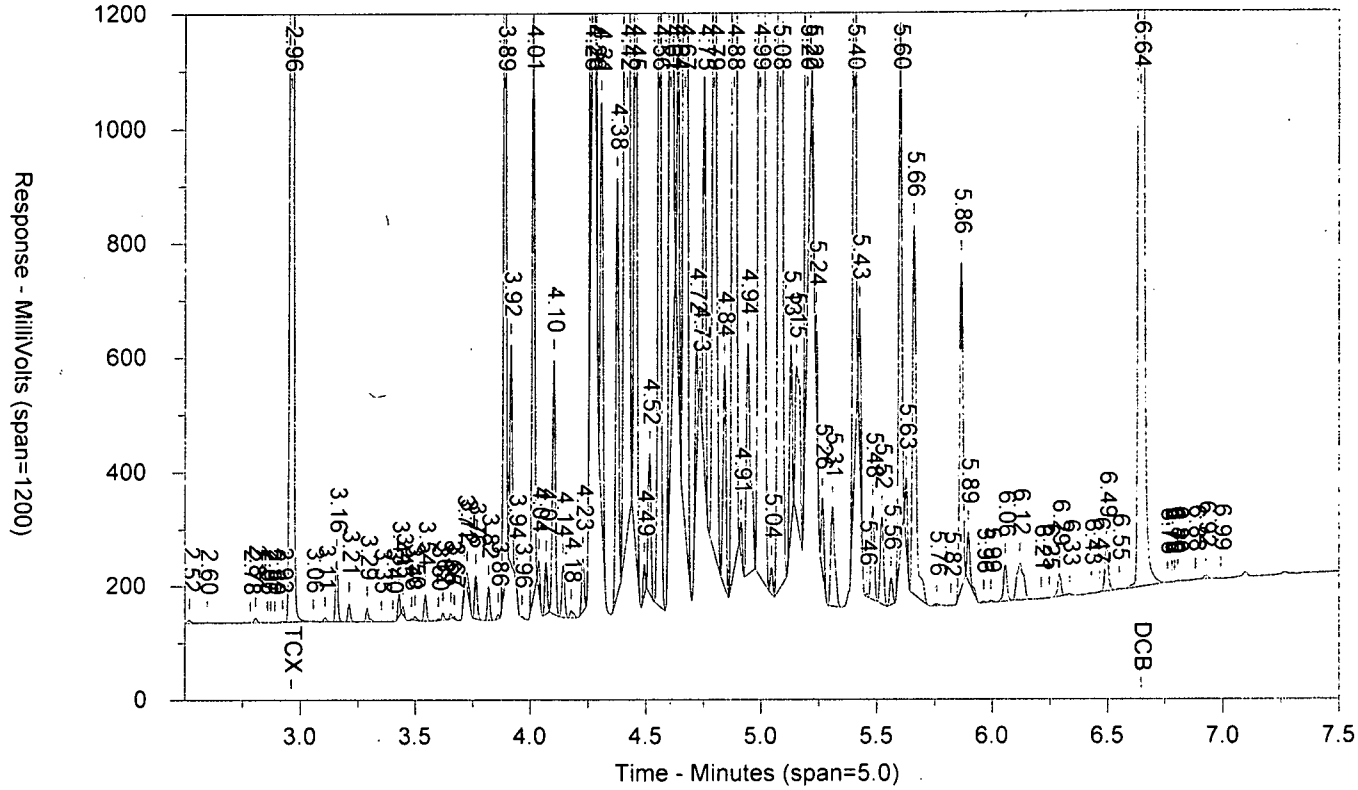

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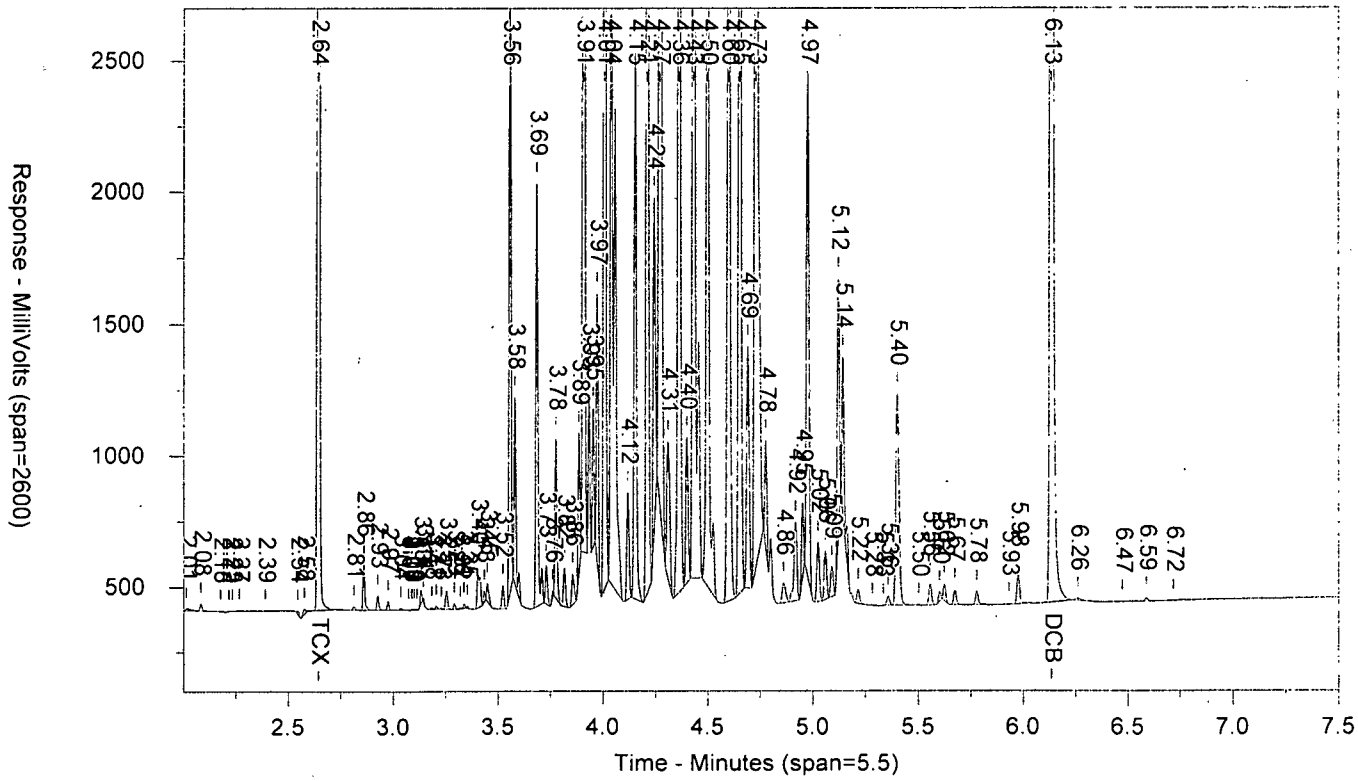

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:09:53 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.961	8827655	77.662	TCX	2.642	14283840	79.911	TCX
6.644	7787284	73.129	DCB	6.134	11667780	77.272	DCB

Files:
Area File: 25pcbs17257002.024.RAW
Area File: 25pcbs17257002B.024.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 8:18:25 PM
File Reported On: 9/14/2017 at 8:18:35 PM

AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082

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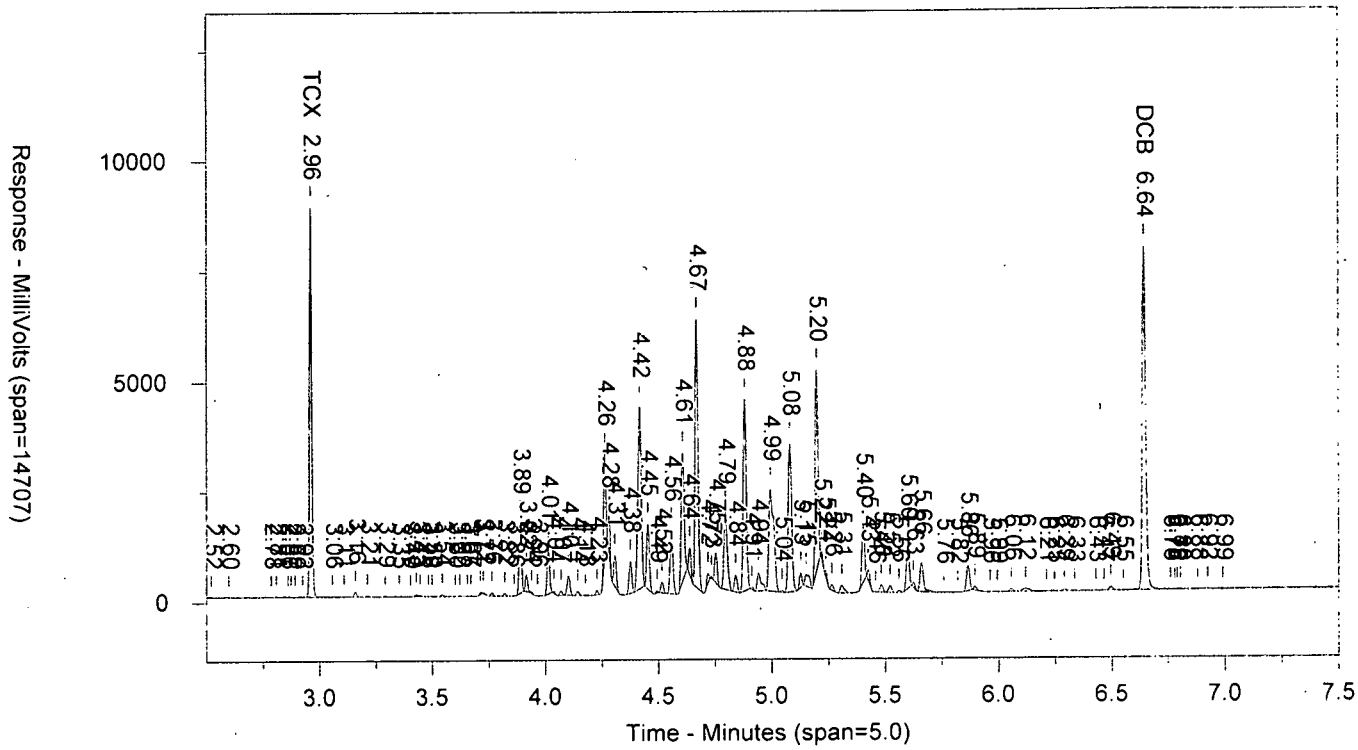

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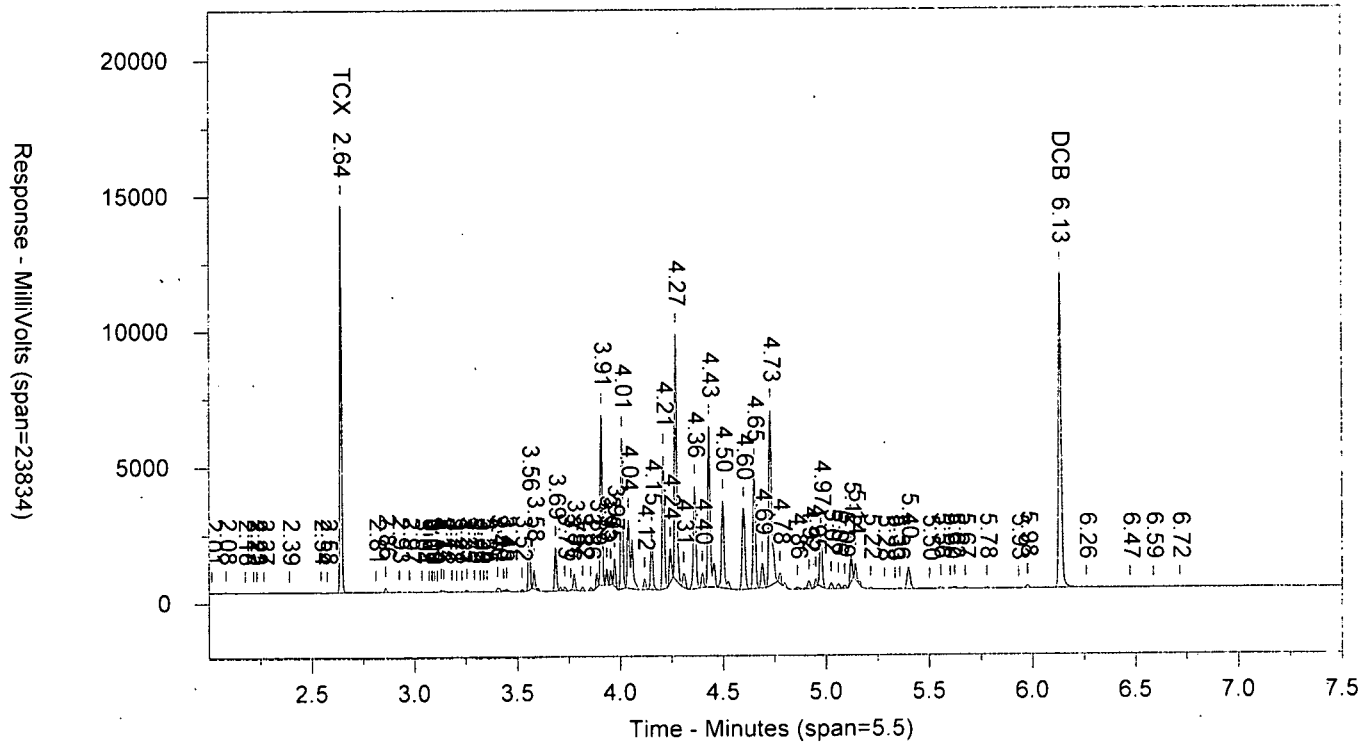

AR5461724A AAAR546AA ICAL 1725699999 10736 SW-846 8082

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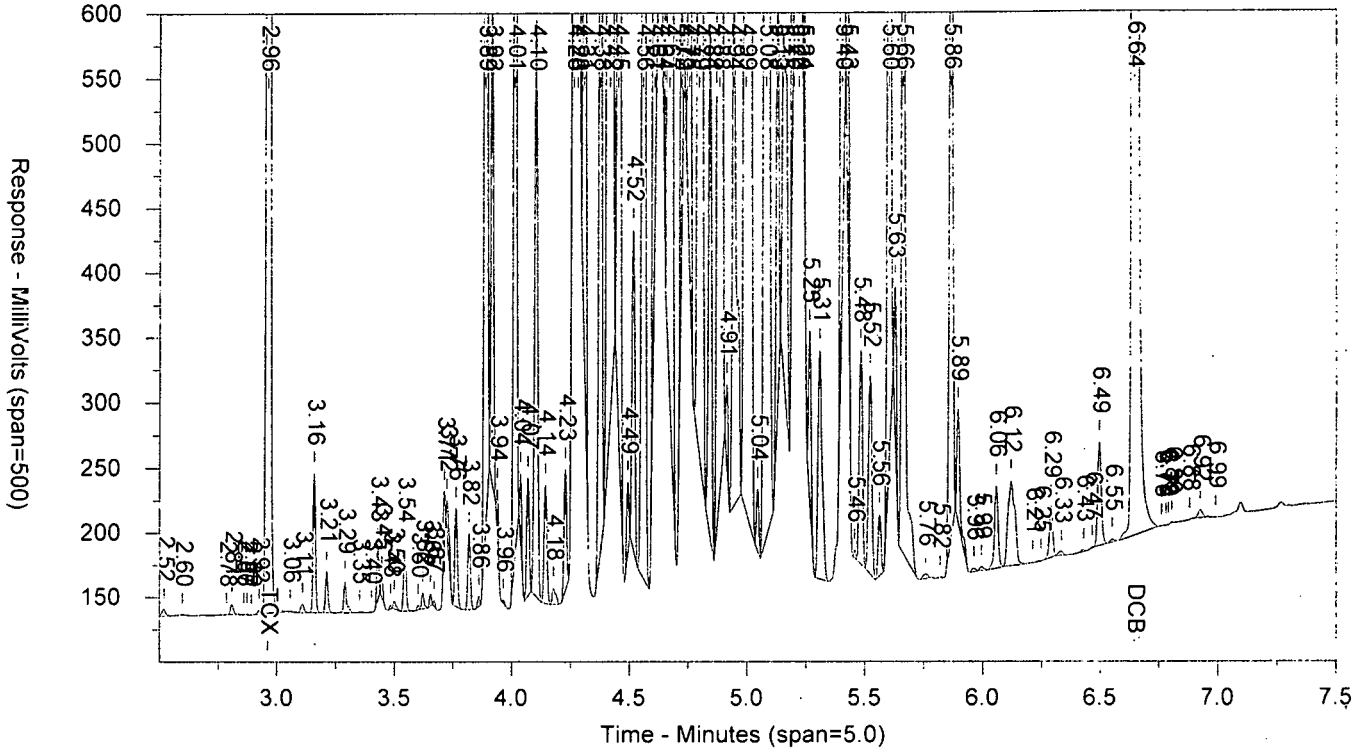

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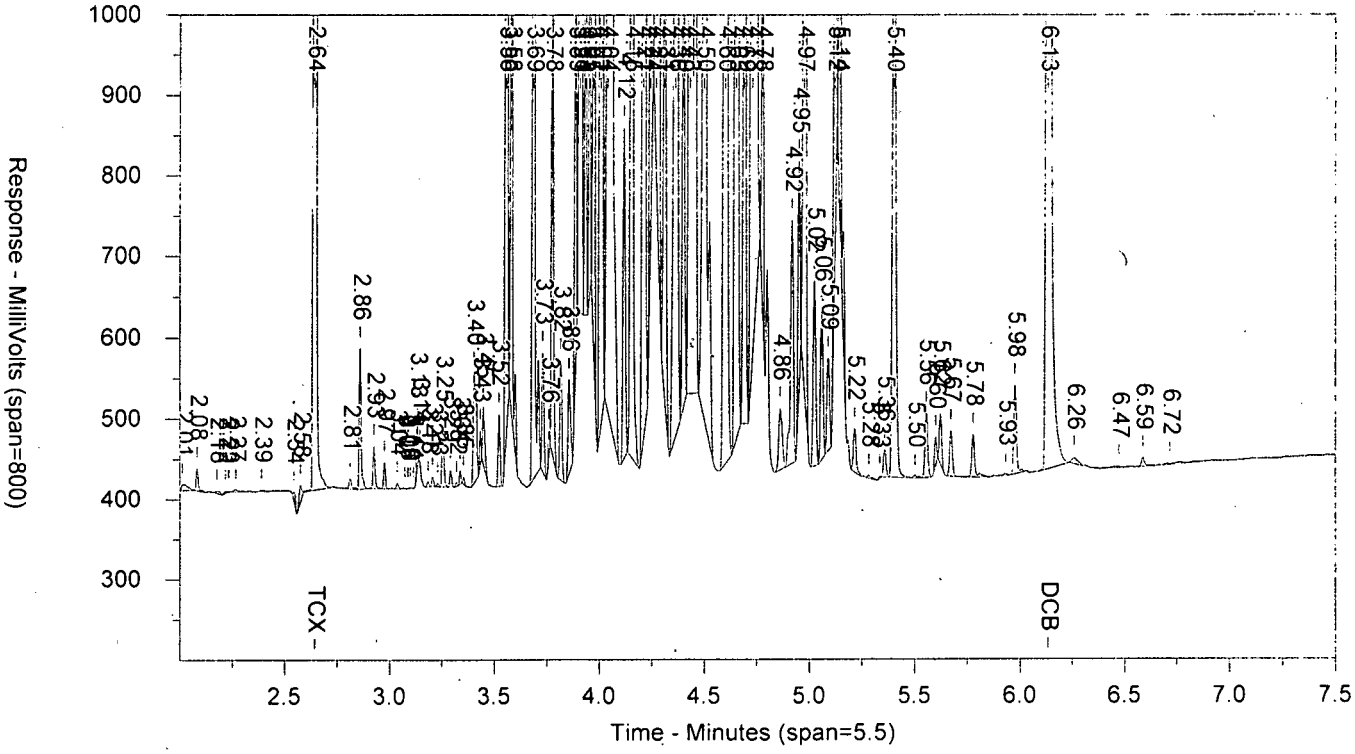

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:21:41 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.025.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.064		7683	9369
2.113		4630	9066
2.172		2808	2571
2.245		500	566
2.287		277	162
2.333		436	224
2.36		17623	12917
2.394		1381	2379
2.487		312	109
2.519		5523	6246
2.579		2486	3492
2.617		3779	2959
2.71		2565	2380
2.763		365	206
2.783		320	127
2.808		18070	17851
2.925		4054	4184
2.957	TCX	3216	3244
3.054		741	979
3.111		1544	1651
3.165		1902	1449
3.19		979	605
3.213		11098	7861
3.292		3896	6247
3.397		371	227
3.43		13029	7897
3.447		6070	3443
3.483		1514	908
3.501		377	142
3.513		771	477
3.546		17949	13744
3.637		2331	2863
3.656		2794	1442
3.672		1708	827
3.715		8078	4551
3.726		13499	6987
3.764		22472	18240
3.821		17126	12930
3.855		1561	1789
3.89		19160	14585
3.919		11750	16331
3.967		4524	4410
4.015		16430	12896
4.039		3638	2169
4.07		4575	3189
4.103		14550	17190
4.145		3357	2525
4.192		1298	1146
4.229		2392	1653
4.265		125020	119182
4.307		17184	13566
4.378		10184	7350
4.42		150493	180041
4.455		10955	7918

RT A	Compound A	Height A	Area A
4.497		693	463
4.532		2123	3259
4.558		25006	23459
4.626		125052	145141
4.671		71269	63787
4.72		422669	469218
4.757		64774	46707
4.796		724142	720548
4.841		5288	4313
4.884		53496	59177
4.917		2761	1643
4.944		104814	100029
4.996		866136	1024791
5.046		392474	378952
5.086		363486	491226
5.166		45718	40655
5.199		800283	852530
5.244		8458	4319
5.267		1169090	1164648
5.309		528627	517390
5.363		3503	3590
5.401		197555	157419
5.428		1033216	1036931
5.484		416333	395371
5.522		167451	201768
5.568		42312	46027
5.608		188360	197471
5.662		2598482	2795158
5.82		805	1288
5.866		1562656	1555060
5.922		768288	1133466
5.995		3607	4921
6.058		80352	83727
6.137		387605	477368
6.206		624	299
6.229		465	287
6.248		531	356
6.292		939898	978427
6.338		57455	54734
6.416		278	438
6.461		555	801
6.496		366497	388153
6.55		3041	3166
6.619		4956	6059
6.646	DCB	8944	7757
6.71		1515	2150
6.753		445	313
6.808		2495	4349
6.85		443	115
6.88		457	499
6.924		6073	9080
6.971		481	120
6.992		640	511

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:21:41 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.025.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		8735	20648
2.184		5287	6578
2.234		2072	4732
2.259		2880	5162
2.373		6434	10145
2.465		5722	21087
2.55		6343	6631
2.575		37196	37922
2.686		1741	893
2.7		2937	1621
2.729		1525	3525
2.814		3826	6036
2.873		6331	8169
2.926		20109	11818
2.949		2333	1220
3.038		2713	1694
3.075		835	213
3.088		800	159
3.099		875	411
3.11		481	127
3.115		824	161
3.133		14669	6633
3.144		7673	3124
3.185		2591	1499
3.213		2386	2438
3.234		1426	790
3.255		26615	18350
3.293		3736	3054
3.339		6278	3178
3.355		3447	4302
3.405		15412	7089
3.415		24366	10567
3.449		28128	23127
3.524		28112	19349
3.559		32232	19429
3.583		27232	33985
3.687		29702	20335
3.71		9754	5495
3.731		6910	4250
3.761		8516	4465
3.778		16038	10956
3.819		8654	7012
3.867		6734	6096
3.888		9621	5116
3.91		176560	126792
3.936		17365	11925
3.974		19766	12655
4.009		212846	158292
4.043		22472	22260
4.077		43422	34335
4.154		28272	33238
4.212		46652	40414
4.254		150054	90571
4.285		631230	468086

RT B	Compound B	Height B	Area B
4.312		152765	158915
4.363		1033750	861903
4.407		9499	7856
4.435		43494	27571
4.457		158913	122016
4.5		1272497	1054150
4.604		1136509	1056625
4.657		204772	173749
4.696		369136	303117
4.73		748689	634720
4.762		1621757	1292291
4.801		688613	590573
4.901		340195	314606
4.952		1618276	1494876
5.025		630975	676023
5.061		206678	161035
5.09		197226	155962
5.144		3424826	3034929
5.185		39760	28567
5.217		219456	195899
5.335		52326	35791
5.357		1315463	1105265
5.404		2295833	2339977
5.557		108790	99176
5.601		16946	10402
5.624		68565	56772
5.673		520896	477928
5.778		1268800	1125453
5.81		69108	47626
5.879		2102	3209
5.977		494542	472075
6.137	DCB	16127	15975
6.266		12440	43829
6.623		1722	2466
6.968		1355	8017

AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082

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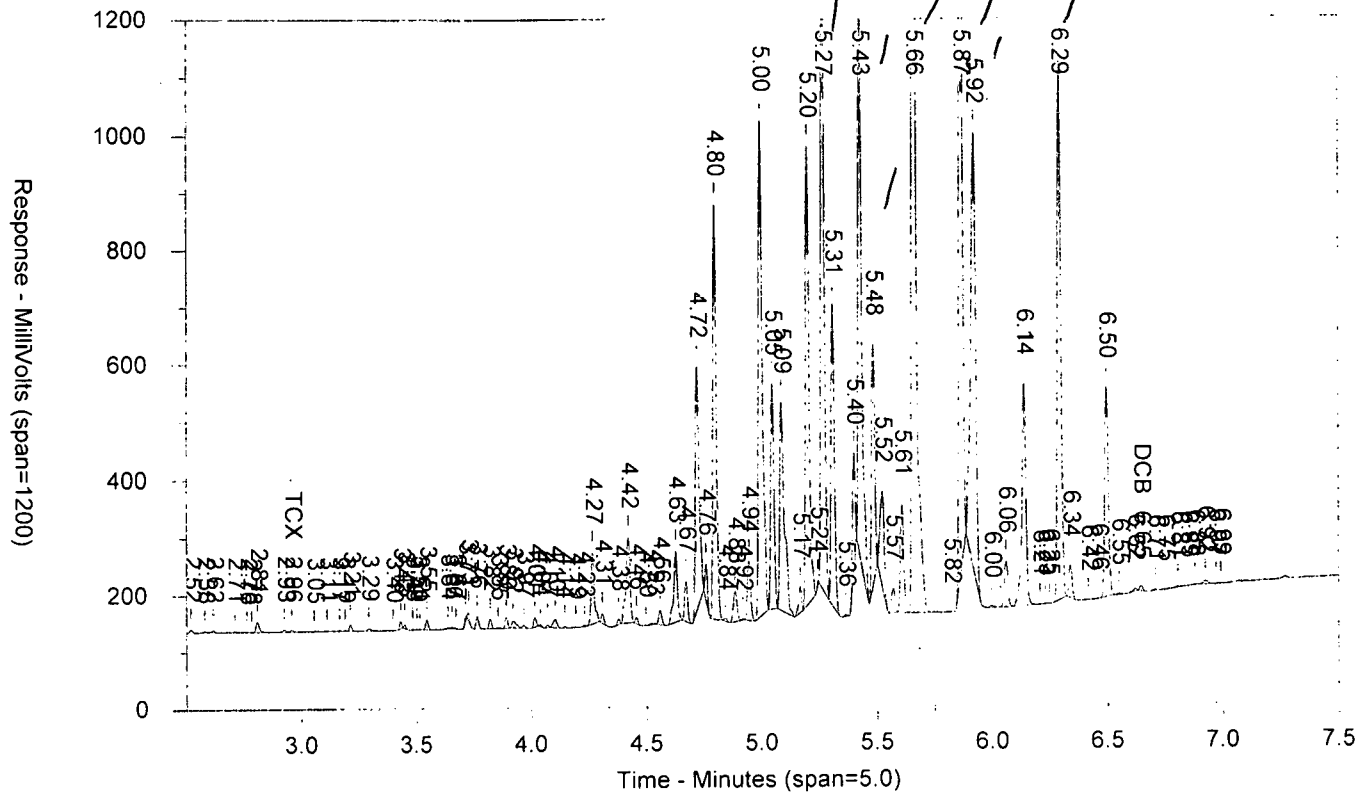

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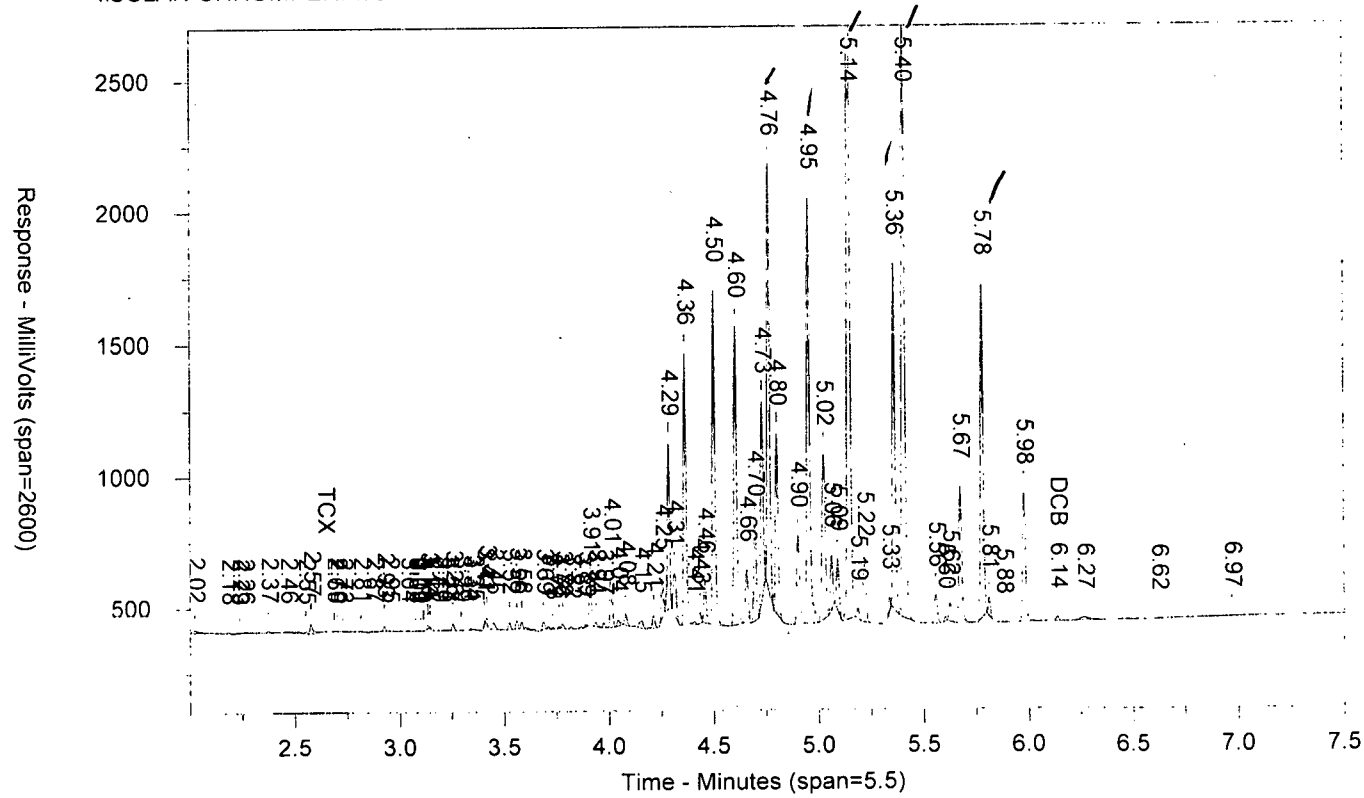

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:21:41 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.957	3216	.028	TCX		0		TCX
6.646	8944	.084	DCB	6.137	16127	.107	DCB

Files:
Area File: 25pcbs17257002.025.RAW
Area File: 25pcbs17257002B.025.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 8:30:11 PM
File Reported On: 9/14/2017 at 8:30:23 PM

AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082

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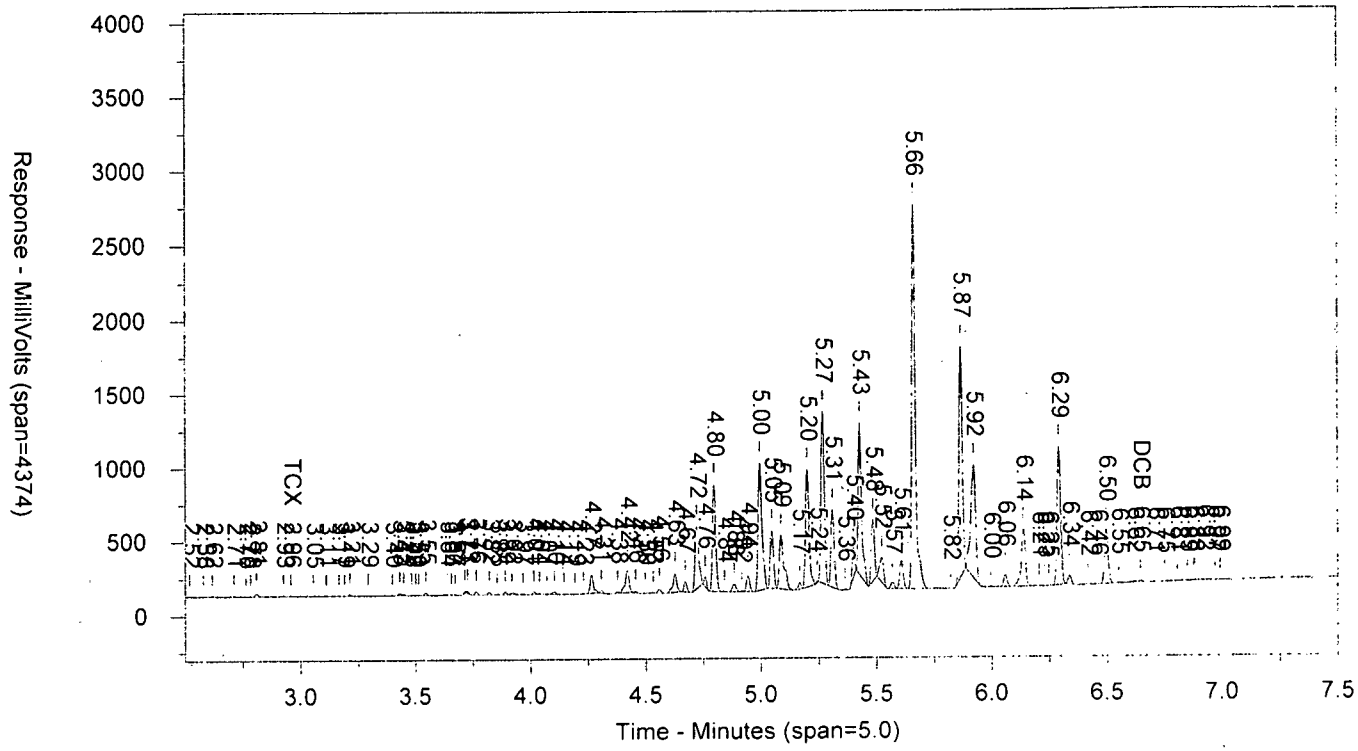

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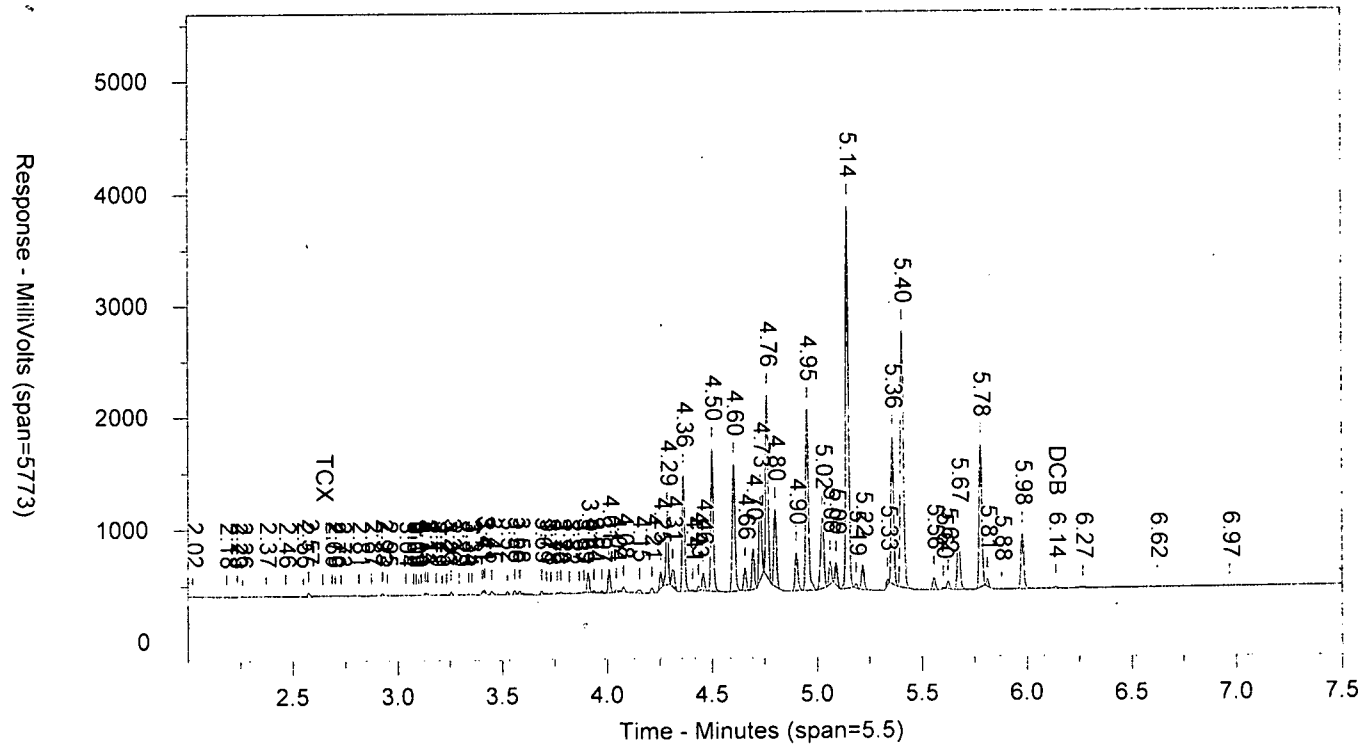

AR6231724A AAAR623AA ICAL 1725699999 10736 SW-846 8082

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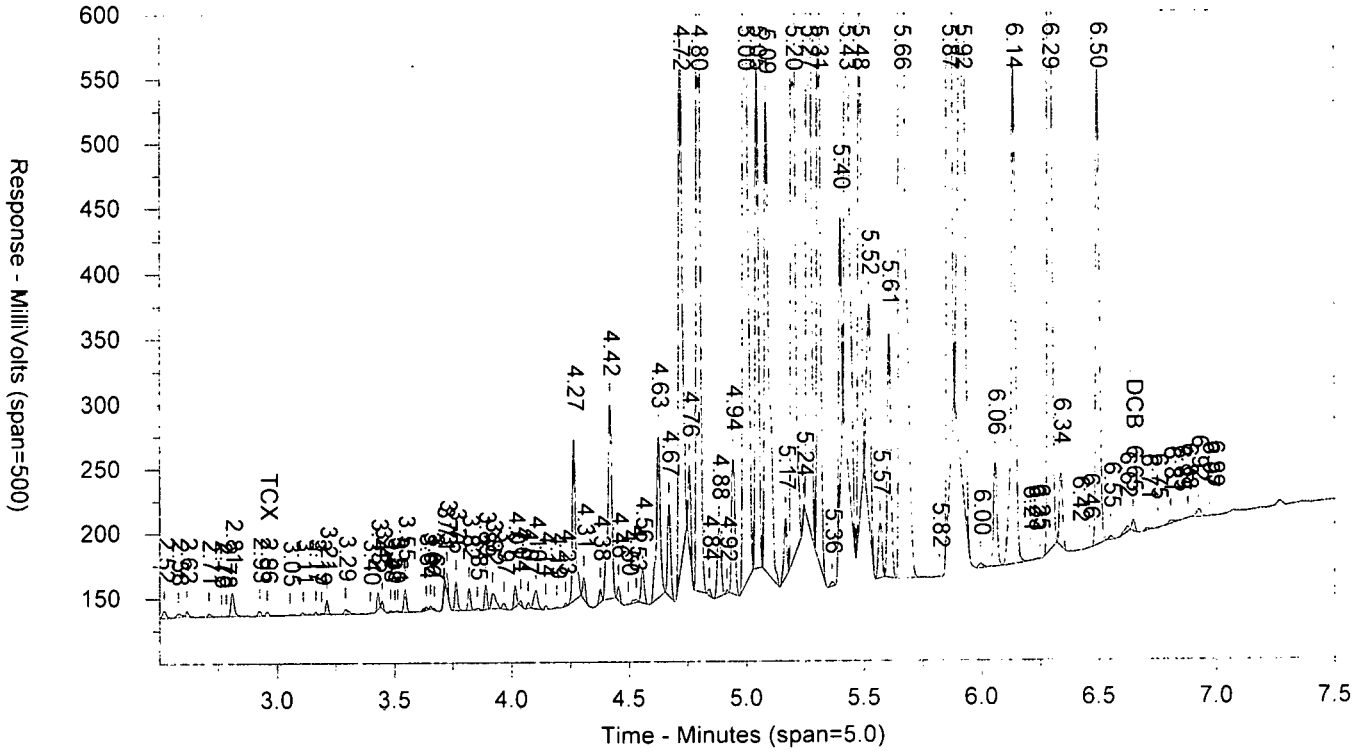

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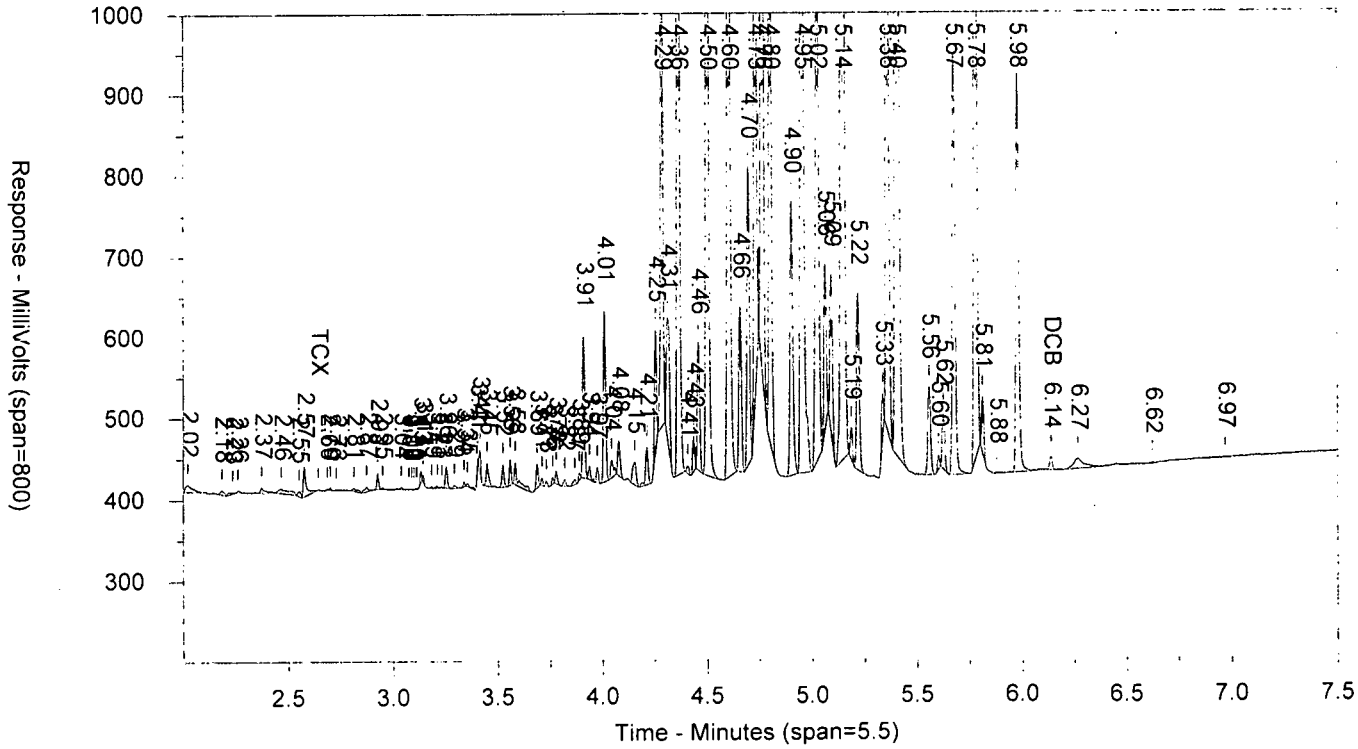

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:32:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.026.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.01		233	117
2.063		10917	12592
2.111		4554	12258
2.248		599	1645
2.318		473	223
2.358		48946	34689
2.393		1856	3421
2.467		1042	913
2.517		7852	9062
2.582		870	1654
2.614		623	380
2.683		819	890
2.719		291	247
2.762		588	407
2.782		650	264
2.806		8174	7531
2.875		667	488
2.923		5843	6214
2.957	TCX	636	663
2.992		598	359
3.055		721	1058
3.104		591	559
3.166		412	231
3.209		1856	1573
3.288		4842	5208
3.366		423	545
3.424		2393	1618
3.442		1069	624
3.48		574	245
3.514		502	353
3.54		4645	4343
3.632		4717	5444
3.708		13303	16567
3.759		6575	6121
3.814		5024	3658
3.861		1107	1178
3.885		5536	4338
3.912		3506	5041
3.959		5980	5957
4.008		6267	4463
4.031		1946	1461
4.065		2400	1675
4.097		6816	7543
4.138		2860	2063
4.188		444	247
4.223		814	468
4.243		1989	1119
4.256		4479	2628
4.278		6150	3727
4.299		11839	9964
4.364		1904	3124
4.406		8898	7512
4.426		2266	1204
4.446		855	673

RT A	Compound A	Height A	Area A
4.511		2052	1889
4.551		18421	17491
4.606		6244	6112
4.643		3906	3843
4.664		3296	2202
4.715		2792	2318
4.749		5736	5141
4.79		4028	4043
4.834		8579	8553
4.877		9595	9500
4.914		15604	17848
4.991		2222	1768
5.004		3869	3406
5.041		31067	29355
5.076		9184	7680
5.099		1630	947
5.153		5640	5749
5.194		16818	15832
5.236		7339	5166
5.261		422239	428899
5.303		32105	27906
5.361		8281	11305
5.395		20144	15505
5.442		547461	602872
5.478		2732	1120
5.505		169755	175804
5.562		17733	20423
5.601		4785	4657
5.657		232761	201536
5.682		123443	98371
5.758		1650	1572
5.861		2835739	2805904
5.919		2484219	2729299
5.989		5688	6848
6.052		2369089	2382431
6.116		620921	692534
6.198		739	600
6.242		374	190
6.286		1040302	1056771
6.332		4594	3501
6.369		13208	14438
6.428		1047	946
6.49		7902152	8386428
6.572		1786	1291
6.638	DCB	1561698	1705827
6.7		3453	3056
6.801		3573	6719
6.86		839	1116
6.882		591	335
6.918		4807	6074
6.951		3419	3135

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:32:58 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.026.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.02		8629	27168
2.141		1571	1770
2.233		3989	7412
2.262		3520	3888
2.349		1180	655
2.393		2797	3540
2.463		1134	745
2.494		1821	6825
2.558		2361	3612
2.575		15401	13042
2.649	TCX	1355	3145
2.73		2010	1852
2.864		3848	6780
2.928		2809	3261
3.069		380	182
3.088		762	439
3.1		891	128
3.109		366	113
3.145		2650	2687
3.157		873	360
3.174		494	81
3.183		370	84
3.213		2155	2524
3.255		6026	4860
3.298		2441	2959
3.337		1400	1079
3.357		12644	8495
3.404		3369	2504
3.412		5546	2327
3.447		5849	5767
3.52		8510	6578
3.556		8226	5420
3.579		10687	7757
3.683		13127	14431
3.773		11267	22943
3.813		5833	5235
3.864		10323	8023
3.885		8011	6353
3.908		11926	7959
3.932		13226	9505
3.971		1686	1351
4.005		5136	3229
4.042		11124	9564
4.07		5715	3837
4.142		25831	32470
4.184		8727	6713
4.204		4949	3068
4.241		4700	6321
4.267		9360	12915
4.361		13593	14127
4.399		13938	10341
4.43		11148	8369
4.471		22008	21671
4.495		10474	7574

RT B	Compound B	Height B	Area B
4.599		55973	51332
4.651		15831	13419
4.691		24612	22242
4.729		4472	4508
4.758		600659	532742
4.796		40639	29133
4.895		37979	33134
4.945		809999	744174
5.011		234202	215650
5.071		7321	4482
5.09		13072	9772
5.139		370202	342003
5.212		216963	200844
5.294		3392	3260
5.33		23299	14573
5.353		3835848	3239692
5.401		3763970	3275170
5.552		3154453	2845105
5.62		823204	732931
5.669		98452	86806
5.774		1423443	1291089
5.899		7454	11092
5.973		11765620	10291580
6.131	DCB	2262421	2114942
6.258		8395	18336
6.309		4008	3171
6.467		5933	7014
6.704		1966	3298
6.818		1466	1513
6.891		1842	3016

AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082

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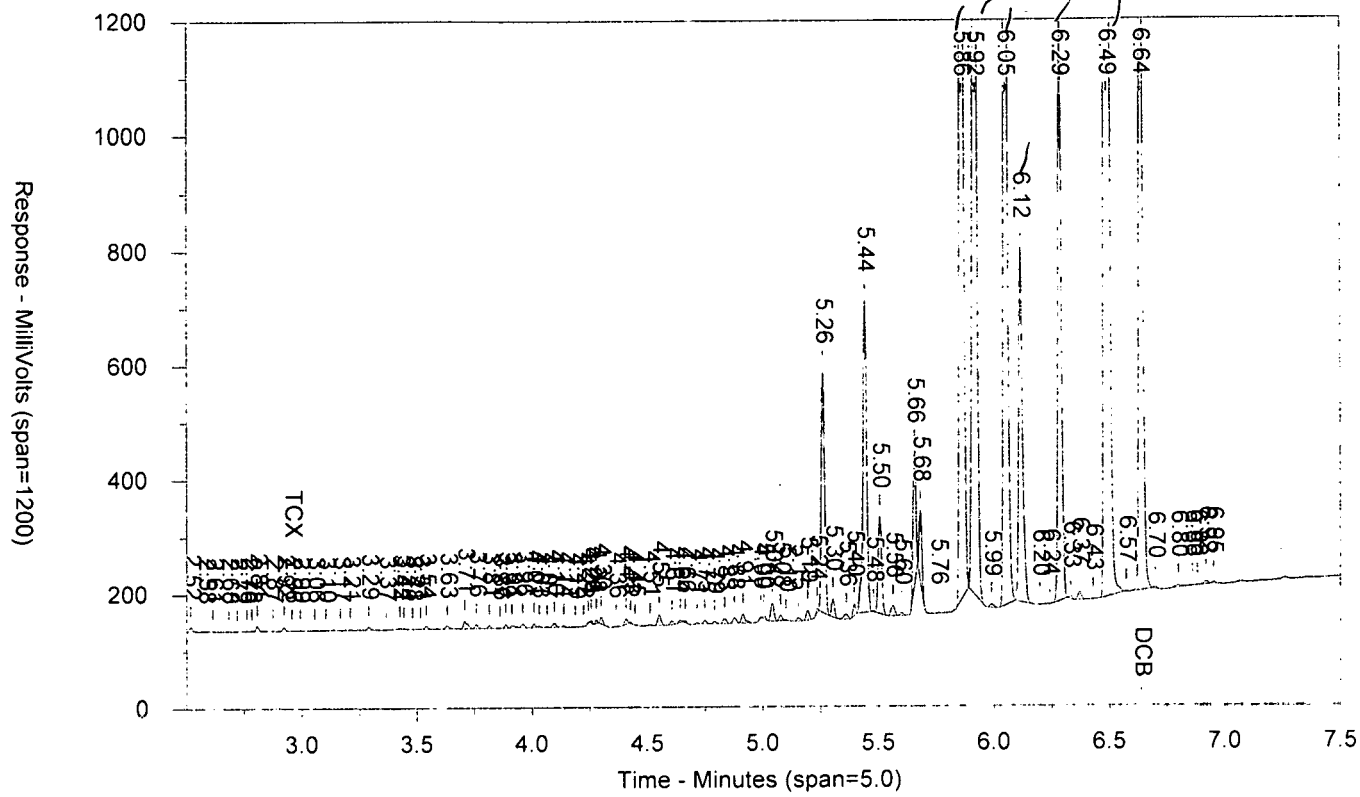

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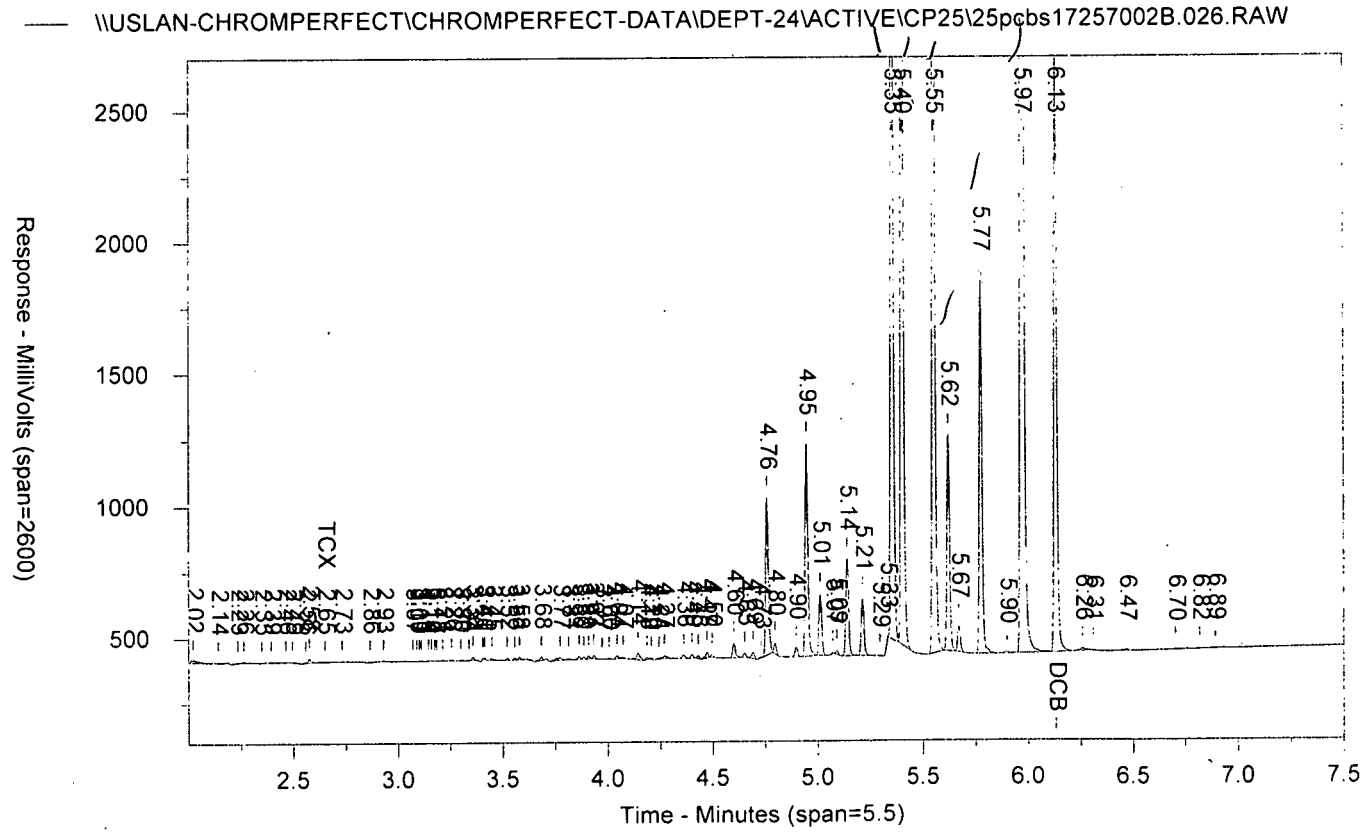

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:32:58 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.957	636	.006	TCX	2.649	1355	.008	TCX
6.638	1561698	14.666	DCB	6.131	2262421	14.983	DCB

Files:
Area File: 25pcbs17257002.026.RAW
Area File: 25pcbs17257002B.026.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 8:41:30 PM
File Reported On: 9/14/2017 at 8:41:41 PM

AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082

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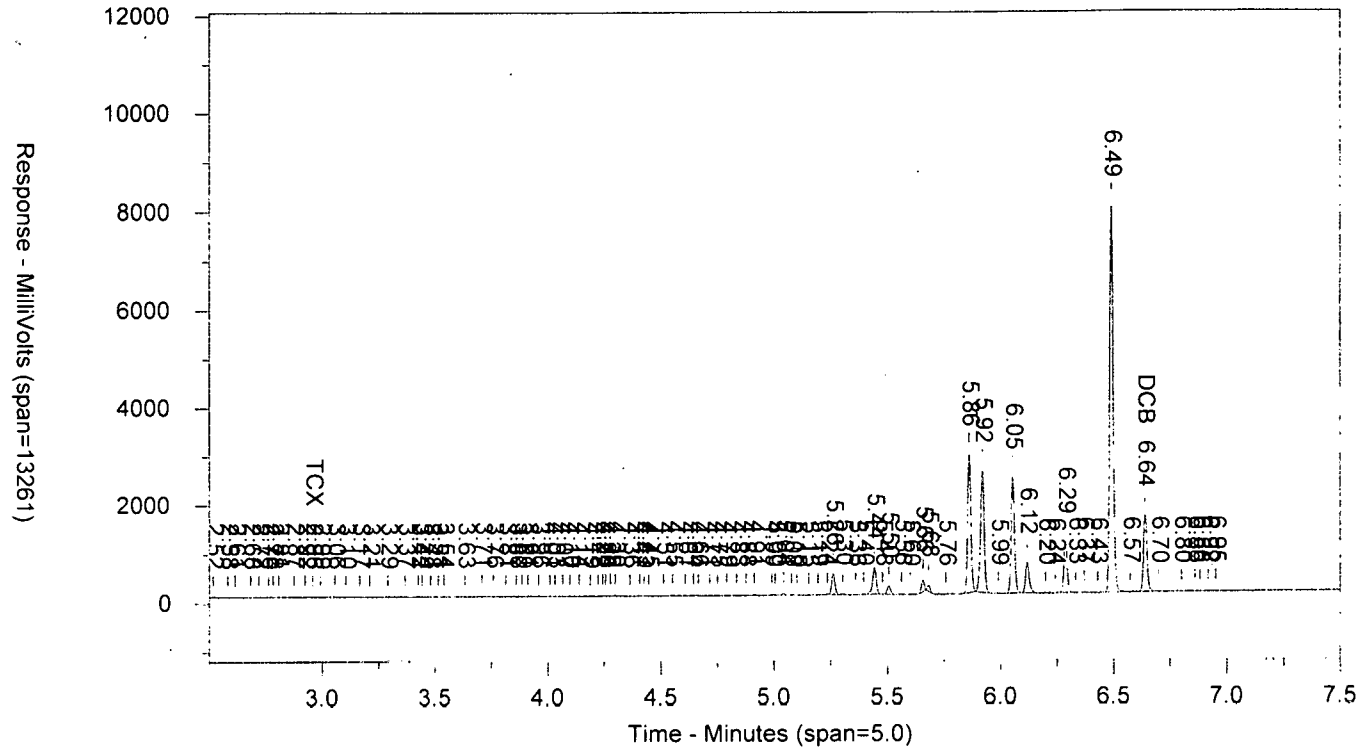

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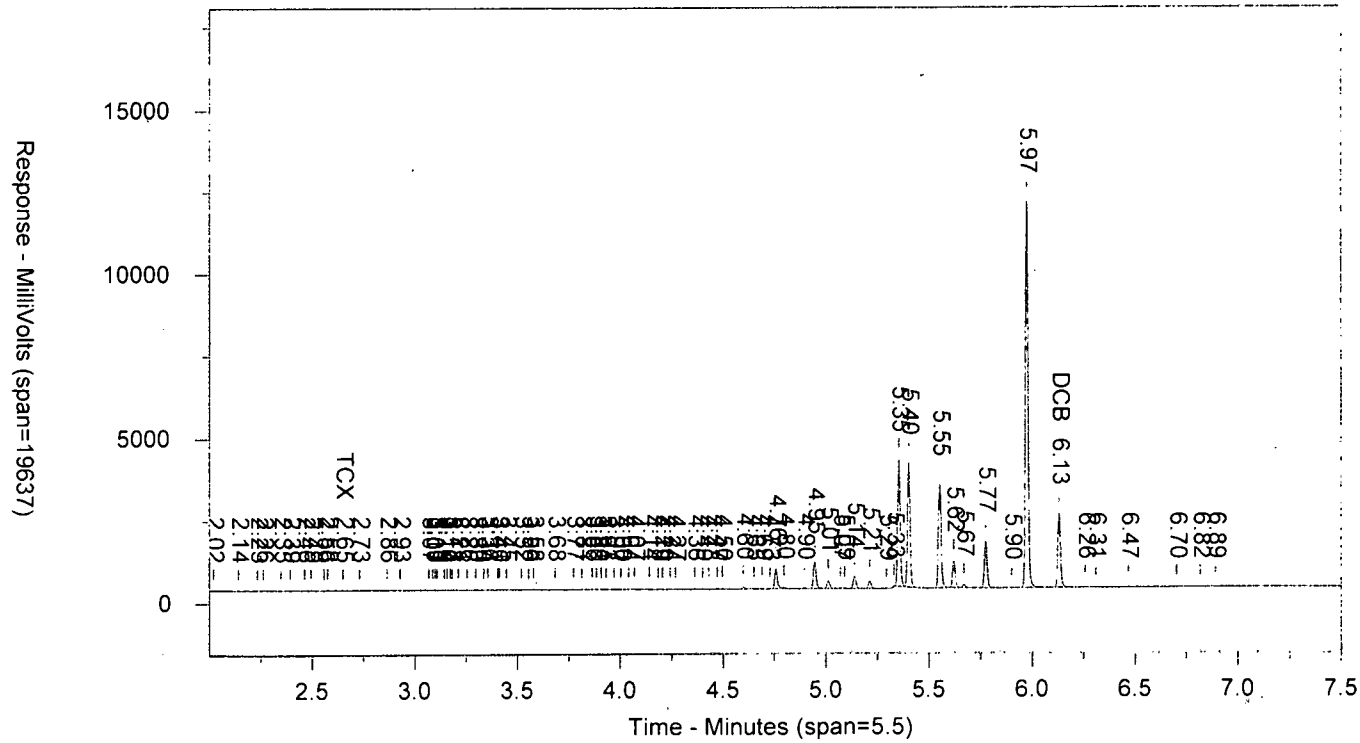

AR6831724B AAAR683AA ICAL 1725699999 10736 SW-846 8082

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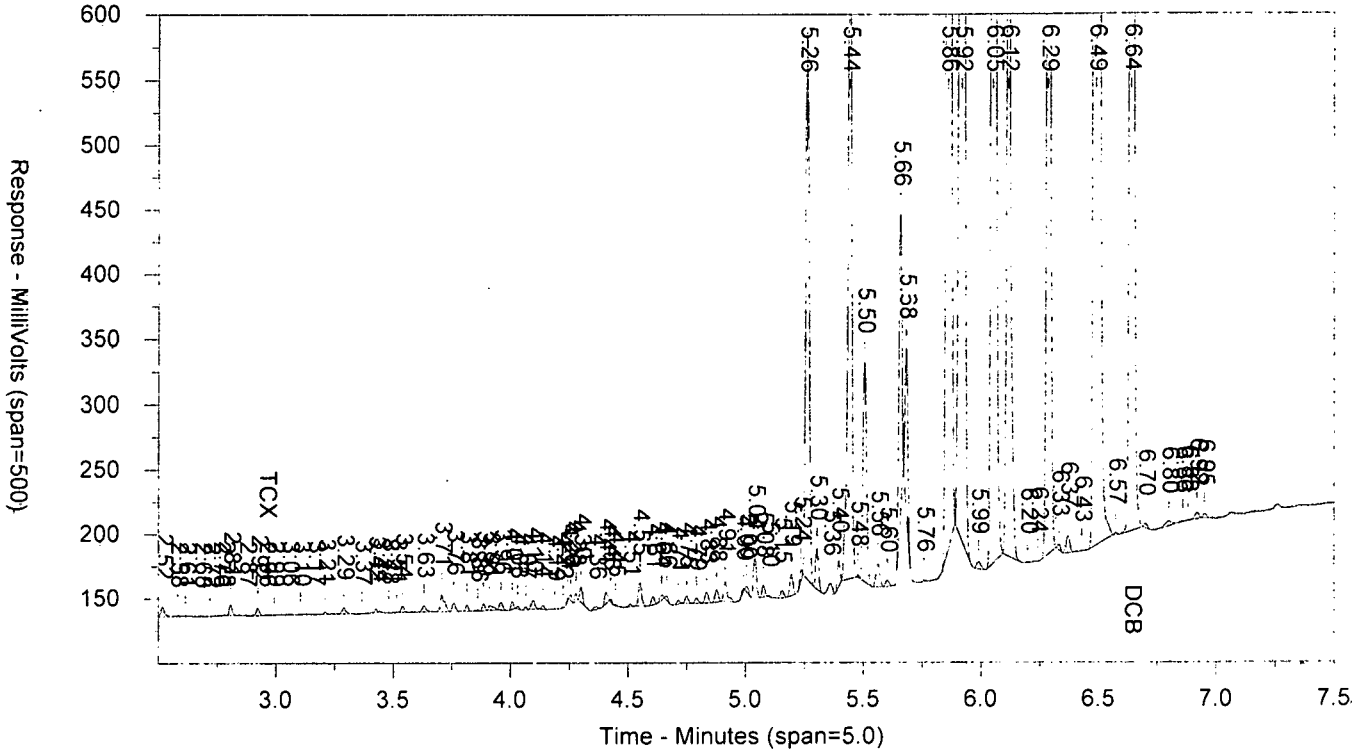

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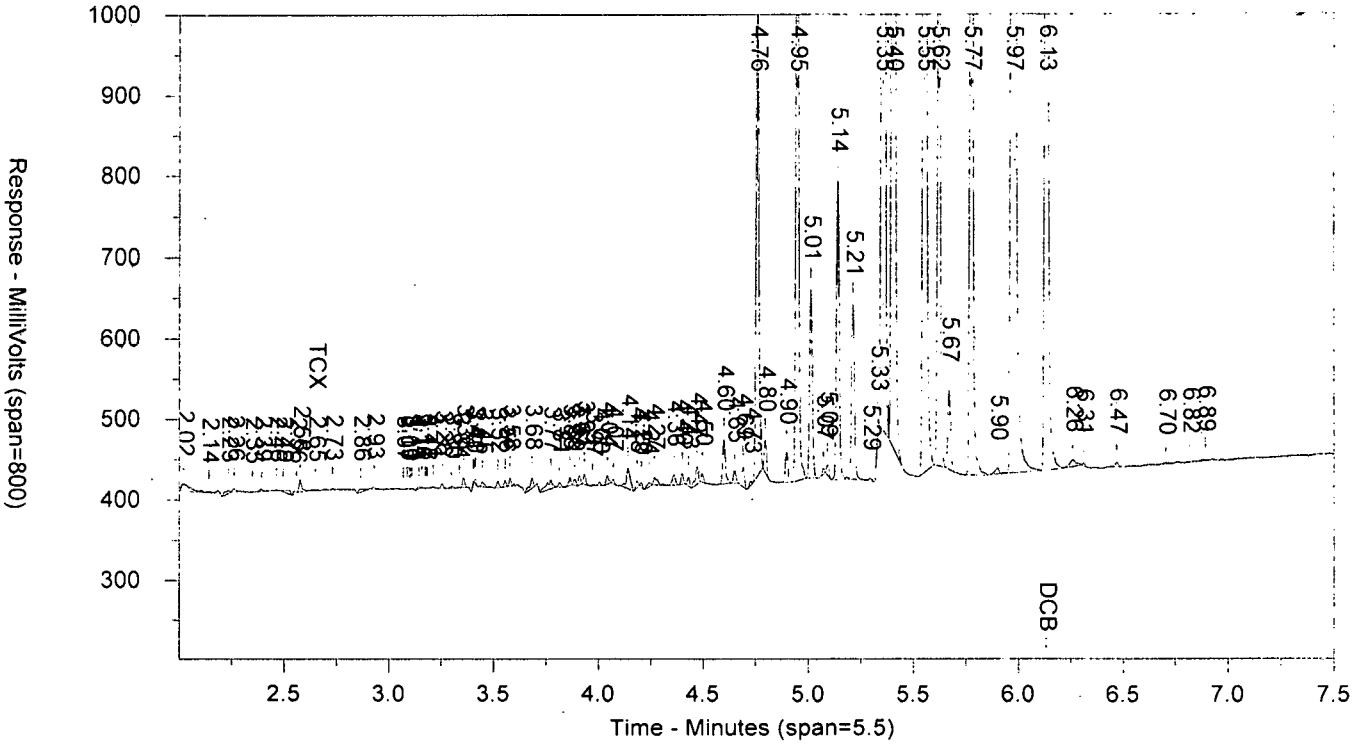

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:44:17 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.027.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.031		254	90
2.062		7730	5262
2.076		12239	10126
2.111		3370	7391
2.173		614	578
2.26		23496	17426
2.359		10900	13092
2.396		1610	2702
2.518		6131	7123
2.574		477	391
2.596		161106	118265
2.681		2548	2154
2.731		255	91
2.765		1023	820
2.806		1980	1608
2.834		2026	1219
2.871		49103	35004
2.923		3460	3086
2.96	TCX	4860828	3305351
3.055		1049	1009
3.107		190363	161824
3.162		176400	146570
3.209		527105	381694
3.288		12766	7569
3.305		6065	3727
3.349		297	92
3.426		24460	14526
3.447		25960	30702
3.48		2862	1216
3.507		66675	48118
3.54		36890	27285
3.599		2954	2058
3.616		896	353
3.632		1418	724
3.651		8453	4304
3.665		8470	4534
3.688		2111	1053
3.709		12779	7554
3.72		39033	19889
3.757		50058	38557
3.815		31336	23908
3.854		1145	1045
3.885		13810	10355
3.912		6835	7742
3.959		4486	4091
4.008		10615	7334
4.034		3205	2323
4.065		3212	2188
4.099		16589	16823
4.139		3005	2499
4.183		804	689
4.209		381	178
4.226		678	453
4.257		31174	25109

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RT A	Compound A	Height A	Area A
4.277		6183	3011
4.3		12077	10095
4.372		4198	5449
4.413		21201	28042
4.448		6206	4147
4.486		3560	2673
4.52		9767	9877
4.554		9921	8776
4.604		16001	14798
4.641		3187	2833
4.664		20484	16568
4.712		2267	1677
4.748		4529	3564
4.79		9607	10733
4.841		2421	2708
4.878		14339	13629
4.913		9654	7554
4.934		2075	1507
5.005		12103	20343
5.033		1483	1489
5.077		11047	12746
5.123		1413	1005
5.154		10644	10922
5.195		14978	15917
5.234		885	568
5.261		1754	1737
5.302		2019	1866
5.36		8765	13497
5.401		4192	3652
5.424		1878	1214
5.457		380	137
5.487		1001	1172
5.513		888	784
5.558		12257	12571
5.6		3052	3404
5.658		2289	1741
5.682		20121	20872
5.758		734	724
5.779		2384	2169
5.824		419	198
5.834		594	262
5.862		3999	3981
5.917		2043	2578
5.954		545	434
5.991		5282	7174
6.052		30654	28878
6.116		30891	41954
6.195		762	1328
6.273		6009	9947
6.322		3596	4298
6.36		455	419
6.371		875	538
6.418		1659	1574
6.489		48517	66057
6.543		4617	5499
6.585		3351	3483
6.639	DCB	4205354	4537708
6.749		1375	1811
6.804		16245	19844
6.875		9411	12044
6.918		6533	6440
6.972		10239	14999

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:44:17 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.027.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		6945	14332
2.083		15112	10943
2.185		4961	11103
2.237		2034	5476
2.263		2731	3726
2.327		238507	157918
2.392		5277	3588
2.522		4091	6211
2.548		13844	8881
2.599		84847	76054
2.643	TCX	7650463	4395352
2.685		88810	73455
2.813		338481	228549
2.86		58943	26625
2.873		202042	106121
2.926		825970	503356
2.976		19245	11744
3.037		8797	5720
3.076		393	92
3.082		580	69
3.087		790	278
3.114		2110	1168
3.132		31698	14451
3.144		8179	2700
3.153		23757	9273
3.174		30244	21344
3.203		6177	3817
3.231		107987	64767
3.255		54660	33654
3.291		5034	2790
3.318		5455	2937
3.337		17714	9184
3.353		17879	10110
3.403		17626	9794
3.413		56894	26864
3.447		62683	51175
3.521		52685	34959
3.556		23693	14531
3.579		14027	7688
3.619		9462	19977
3.667		15386	9310
3.683		16119	8986
3.73		4375	2540
3.757		3121	1527
3.775		22442	16814
3.833		8181	10992
3.884		8711	5007
3.907		36207	23304
3.932		14998	12319
3.971		4865	3632
4.006		26867	17542
4.039		12882	23986
4.15		16402	19810
4.184		7027	5379

RT B	Compound B	Height B	Area B
4.208		20800	14136
4.241		6869	5760
4.269		36549	30146
4.308		4091	4593
4.361		20800	18807
4.399		4000	3061
4.431		22793	17061
4.472		15412	16275
4.496		12457	9073
4.595		12147	18214
4.651		11503	9001
4.728		15285	16312
4.95		7714	11715
5.061		2257	4591
5.092		15723	12866
5.142		4748	3582
5.214		22021	19636
5.27		4958	8420
5.353		4591	10205
5.401		3545	4614
5.472		2053	1833
5.553		48162	51878
5.621		40199	36672
5.67		14080	12997
5.709		8211	8479
5.755		7848	9078
5.851		4157	8064
5.972		58605	52469
6.004		12434	15664
6.054		3853	4480
6.095		2153	1788
6.131	DCB	6296199	5609982
6.252		21455	51410
6.364		8028	11426
6.413		3049	2852
6.464		12219	8574
6.48		13995	8034
6.519		53409	64600
6.555		8134	6526
6.586		21777	34902
6.658		9051	9422
6.697		3055	2447
6.735		1325	1234
6.757		3699	5709
6.805		1783	1168
6.826		3817	3514
6.879		5946	7681
6.926		7570	6742
6.971		7385	9226

AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082

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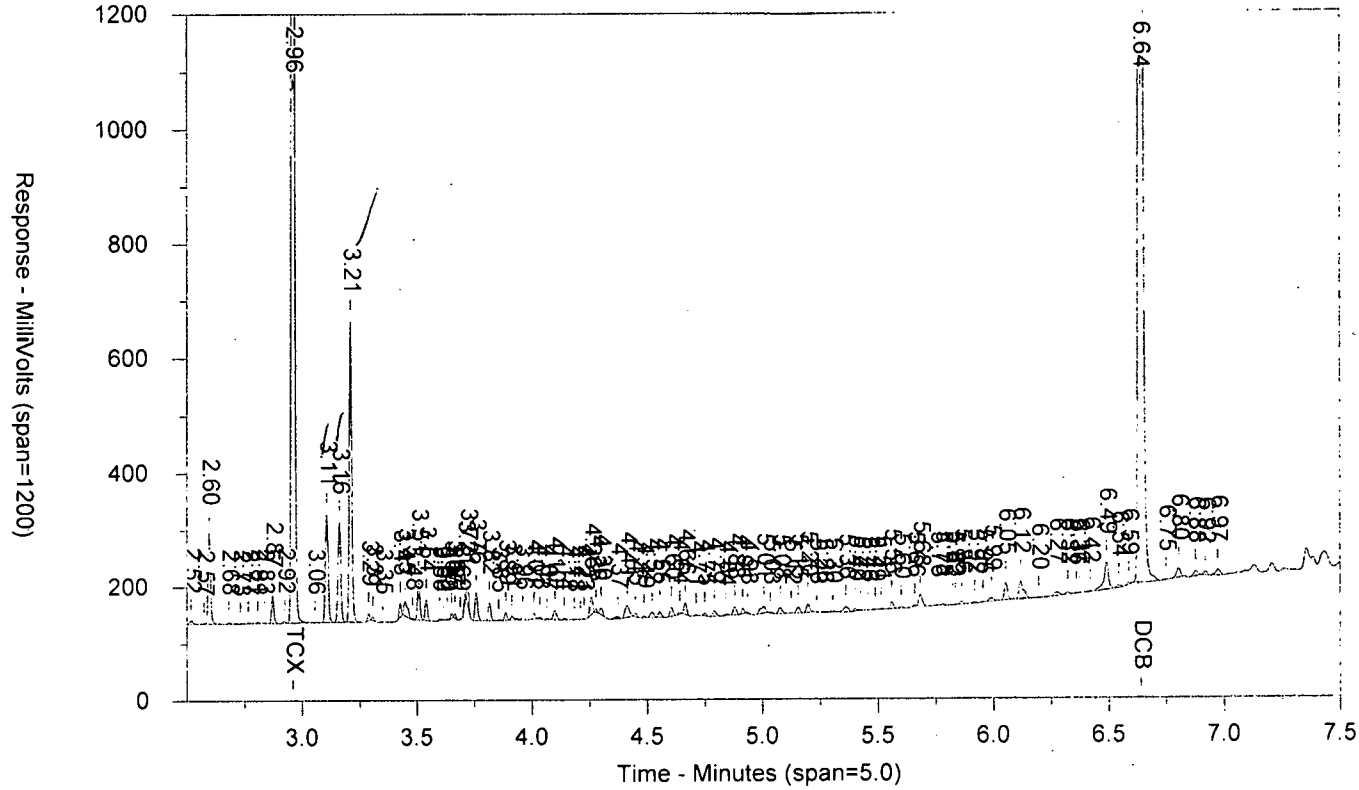

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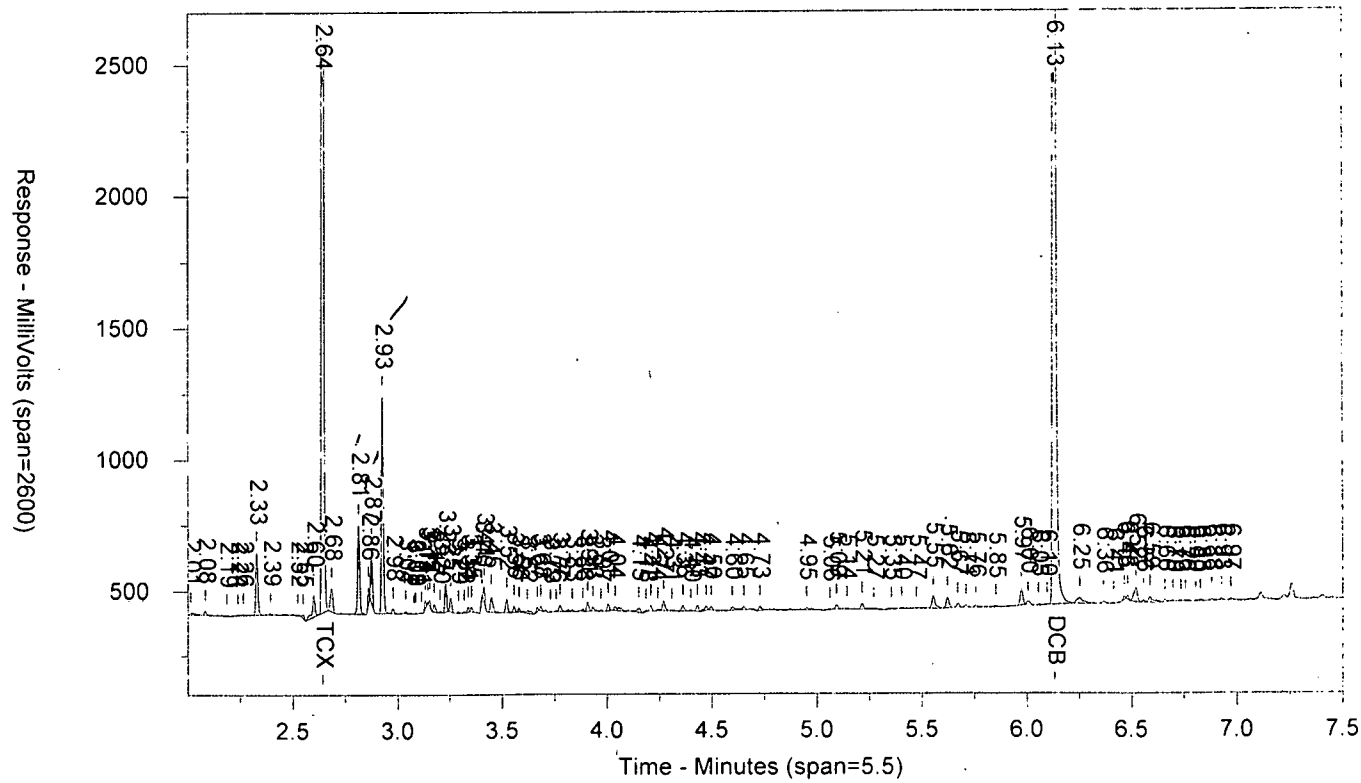

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:44:17 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	4860828	42.763	TCX	2.643	7650463	42.801	TCX
6.639	4205354	39.492	DCB	6.131	6296199	41.698	DCB

Files:
Area File: 25pcbs17257002.027.RAW
Area File: 25pcbs17257002B.027.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 8:52:48 PM
File Reported On: 9/14/2017 at 8:52:57 PM

AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082

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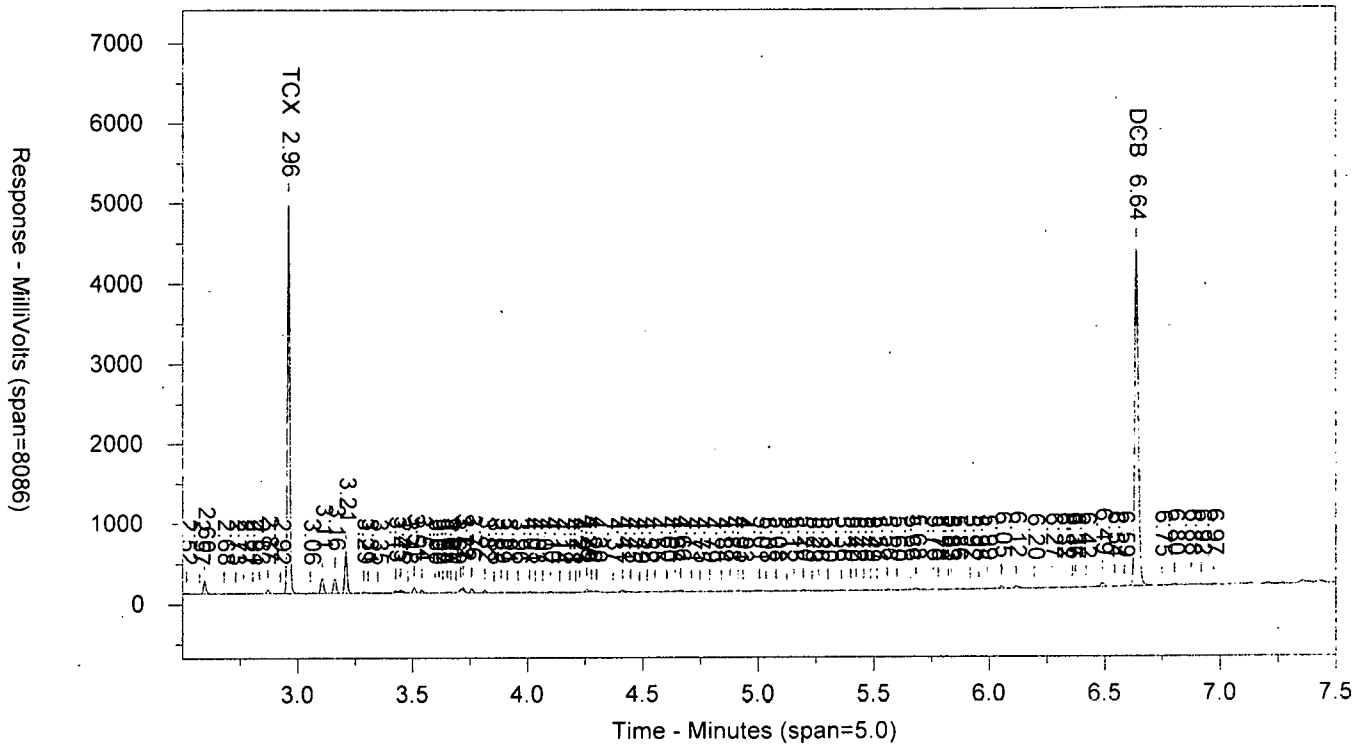

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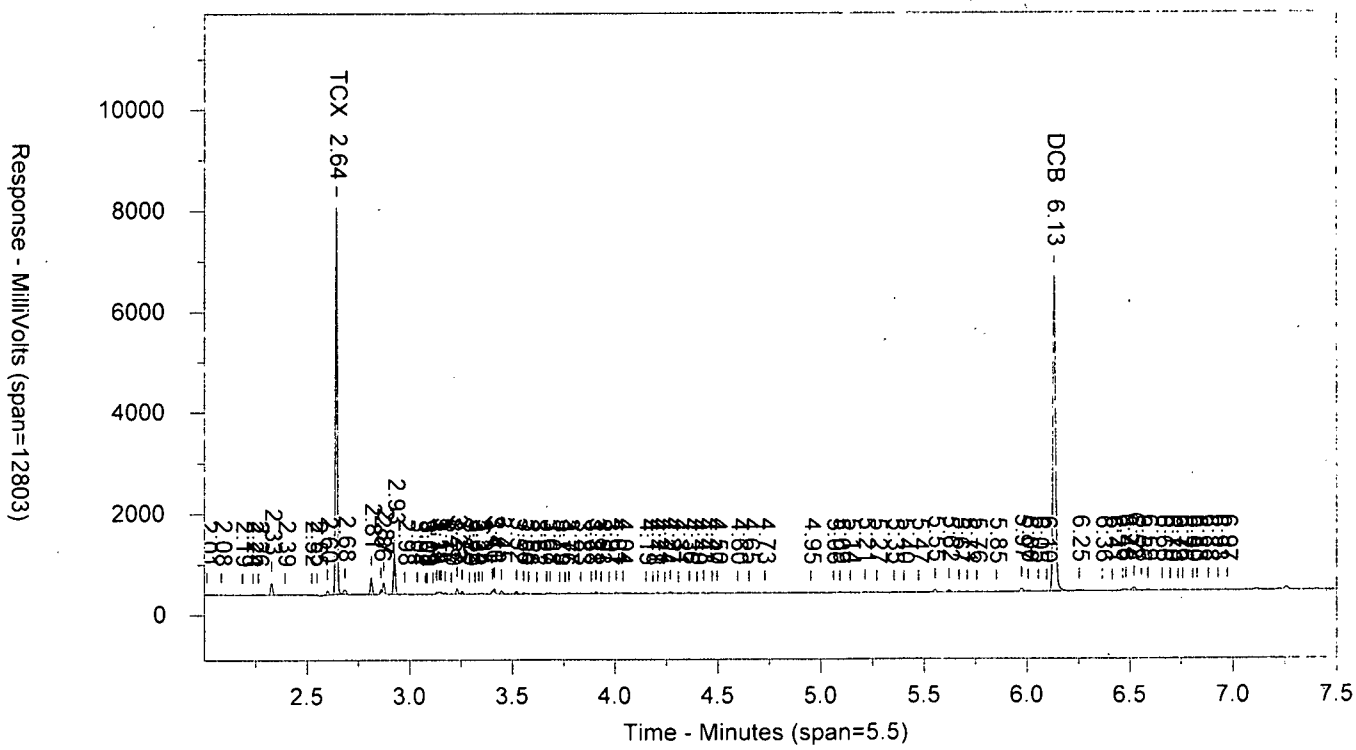

AR2131724A AAAR213AA ICAL 1725699999 10736 SW-846 8082

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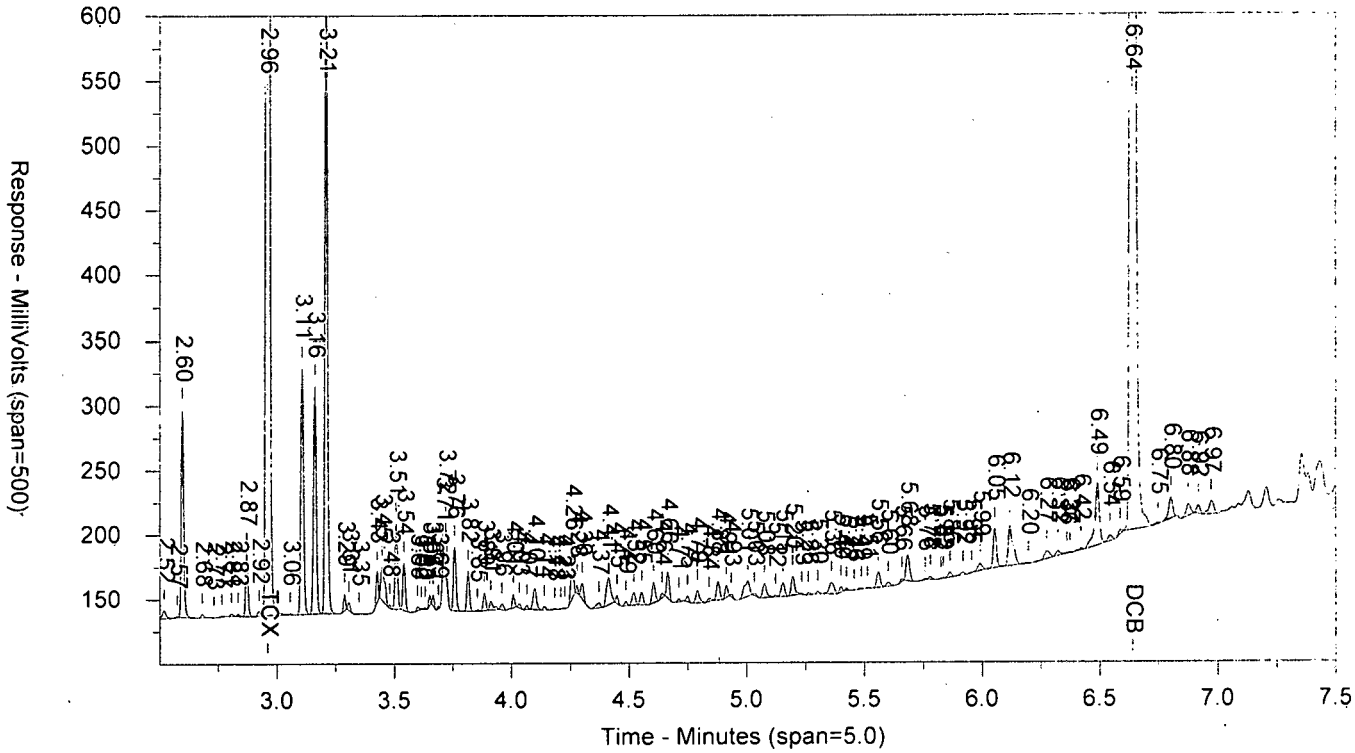

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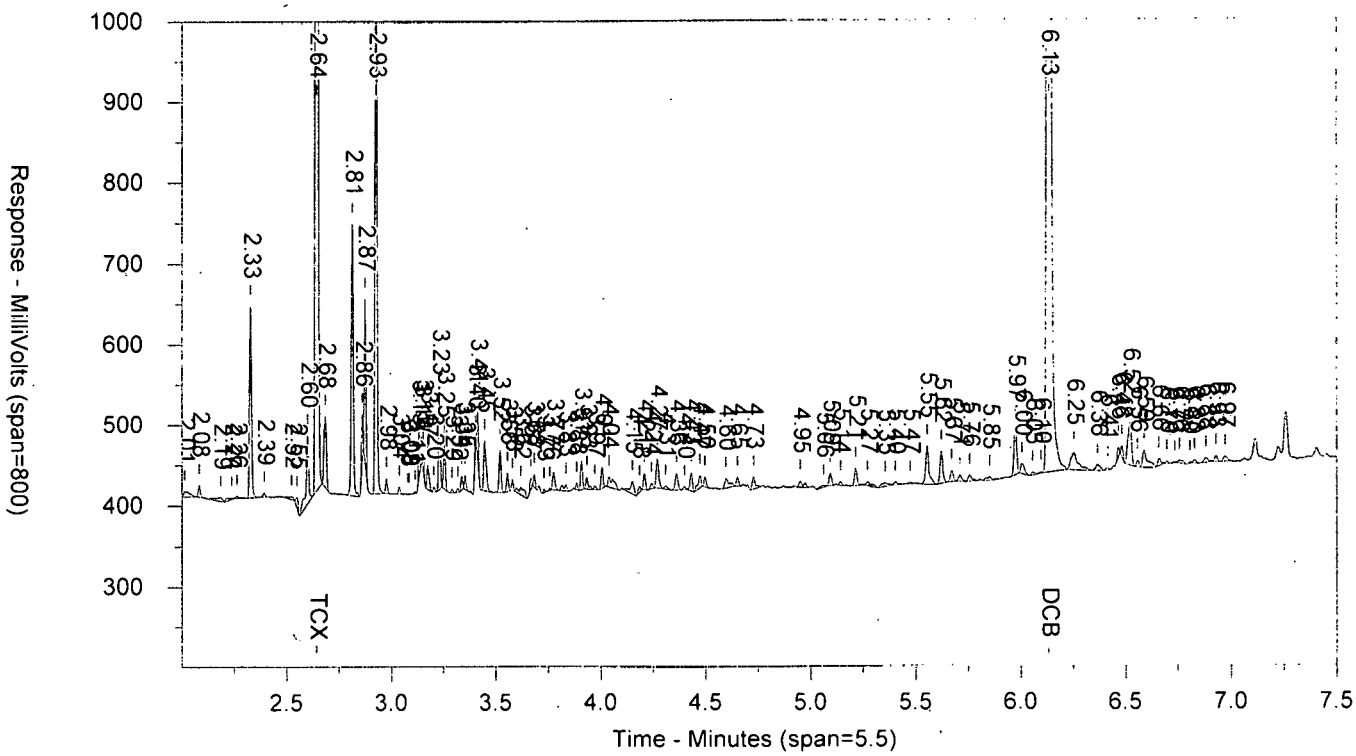

LANCASTER LABORATORIES

Sample Number: AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:55:21 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.028.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.043		234	472
2.062		7523	8954
2.113		4780	13531
2.259		21010	15790
2.358		13138	14226
2.394		1427	2339
2.462		537	367
2.517		5449	6553
2.595		96005	73868
2.762		371	244
2.805		12844	10891
2.833		855	481
2.869		27503	19320
2.922		3294	2753
2.958	TCX	4515554	3020064
3.056		836	614
3.106		129355	112551
3.16		142628	119500
3.208		441536	322845
3.286		8811	4691
3.302		16796	10255
3.342		609	436
3.358		533	356
3.423		171129	105981
3.441		85819	46307
3.477		20354	11266
3.505		47340	34837
3.538		219729	171935
3.576		1238	643
3.594		1909	1108
3.614		6828	4616
3.648		49402	28017
3.663		25013	12604
3.706		105089	62027
3.717		227676	119079
3.754		272931	214381
3.812		226722	181665
3.854		15791	11469
3.882		134968	99909
3.909		100147	81824
3.931		26577	13742
3.956		1771	1260
4.006		158826	118987
4.03		61279	39359
4.062		65079	45849
4.094		179153	182130
4.134		56661	45305
4.182		11480	9811
4.222		14750	11443
4.255		100387	69517
4.275		130182	86364
4.298		175642	139014
4.355		3724	2509
4.368		4219	2523

RT A	Compound A	Height A	Area A
4.403		109274	86638
4.424		57192	35359
4.445		13858	8645
4.485		2830	2028
4.51		5819	5099
4.55		28857	26758
4.601		42160	38739
4.633		21993	16720
4.663		61184	54777
4.711		3018	2417
4.745		34209	34830
4.788		8283	9239
4.836		6885	6403
4.876		45208	43085
4.912		13475	11053
4.936		1059	616
4.956		2416	1826
4.989		2128	1915
5.002		4079	2809
5.035		1967	1830
5.074		49124	49741
5.122		1034	615
5.152		12883	13088
5.192		13579	13547
5.234		1430	709
5.26		3481	2823
5.301		3183	3157
5.358		4601	6119
5.398		3273	2513
5.42		3870	3101
5.478		2500	2302
5.514		1735	1814
5.556		18585	18956
5.599		2515	2851
5.655		6918	5312
5.681		19630	18100
5.733		439	353
5.777		162	562
5.794		266	104
5.859		7621	7407
5.913		2083	3745
5.962		430	1040
5.987		3284	3885
6.051		35041	34733
6.115		37756	49960
6.283		4207	7055
6.318		3122	3988
6.418		971	883
6.461		770	1094
6.488		44423	44791
6.541		3655	4773
6.637	DCB	3972555	4167157
6.746		611	136
6.803		2126	2709
6.847		352	574
6.877		685	600
6.917		5569	7982
6.976		1296	1085

LANCASTER LABORATORIES

Sample Number: AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:55:21 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.028.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		8852	16627
2.083		14303	10533
2.168		2229	5139
2.236		2127	5019
2.261		2780	4643
2.328		146254	94074
2.393		1909	2339
2.459		4399	19129
2.575		27231	19191
2.599		43095	25457
2.642	TCX	7038645	4009709
2.685		70572	57007
2.813		238171	156295
2.86		54045	25172
2.873		153683	79958
2.925		688011	424767
2.975		17959	11091
3.036		38104	24272
3.082		768	170
3.094		891	249
3.111		1061	609
3.131		227666	111212
3.143		78914	28765
3.182		45116	34007
3.204		19461	10332
3.23		80842	46602
3.253		318336	215639
3.29		12358	7238
3.318		2524	1316
3.335		91086	48608
3.351		55629	27364
3.401		151907	78407
3.411		359651	158086
3.431		9525	3335
3.445		335814	240217
3.519		348153	226379
3.554		207202	129796
3.577		245455	201756
3.68		278896	186437
3.704		110983	60018
3.724		101465	60022
3.754		61701	32656
3.771		220969	152615
3.812		92297	68397
3.862		14257	9651
3.882		154827	99207
3.905		271922	186836
3.93		267374	191981
3.967		8866	4866
4.003		62473	50323
4.039		171659	137726
4.068		117051	82480
4.114		6860	4833
4.149		41297	35167

RT B	Compound B	Height B	Area B
4.182		7572	5745
4.206		65472	49721
4.239		37443	27599
4.266		88764	75853
4.36		51809	58911
4.397		9962	7476
4.429		61675	48579
4.47		19066	13905
4.495		11052	7293
4.521		5359	3659
4.595		13159	15659
4.648		60765	52838
4.697		15461	14534
4.725		14850	18402
4.874		1273	1022
4.947		7638	6517
4.971		4654	3422
5.015		2744	2967
5.059		2572	3629
5.092		25092	21831
5.14		12443	10889
5.212		26665	24651
5.352		4506	7110
5.399		10646	12804
5.499		1825	1572
5.552		49909	47351
5.62		49257	45909
5.67		18748	18657
5.776		4431	5775
5.972		59434	52671
6.131	DCB	5628335	5104888
6.256		9686	22799
6.465		1912	4632
6.582		6468	7666
6.752		2181	3674

AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082

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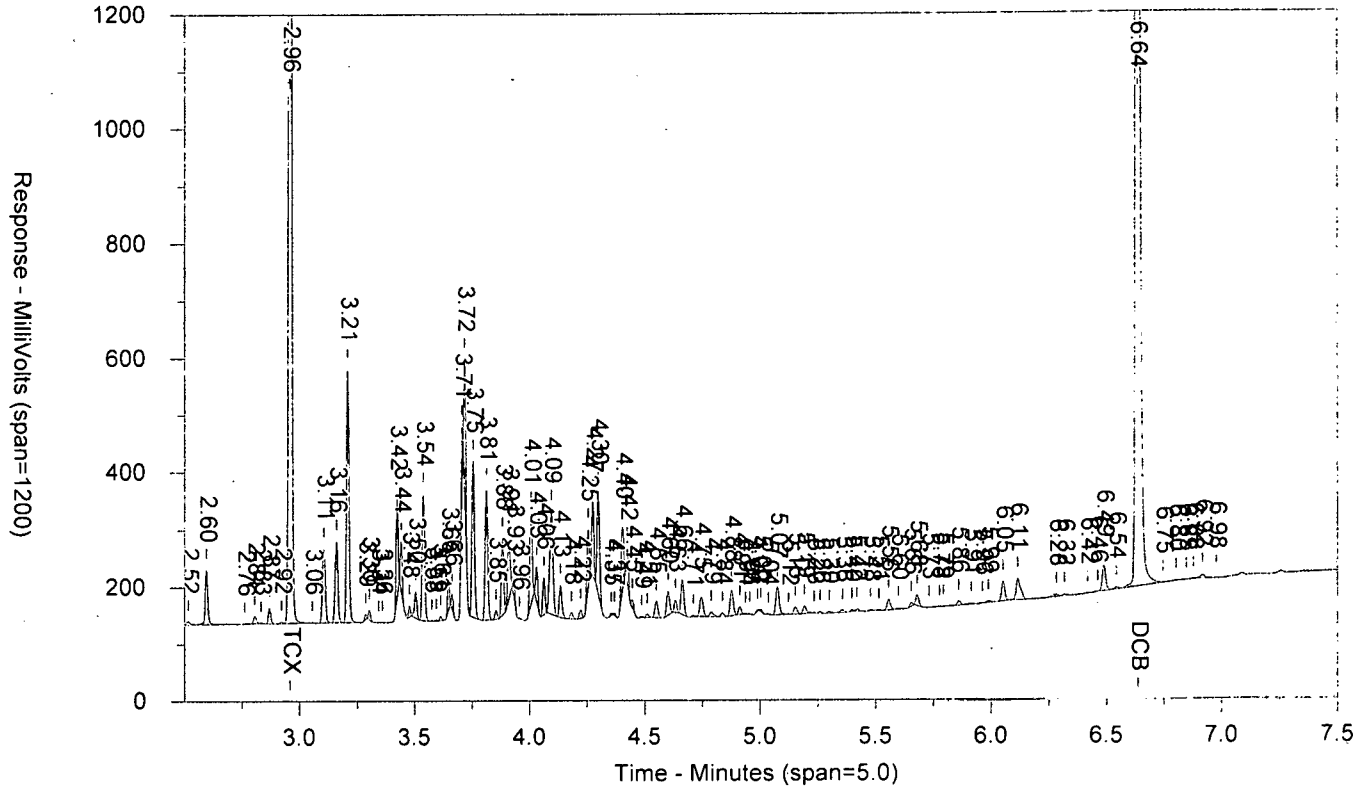

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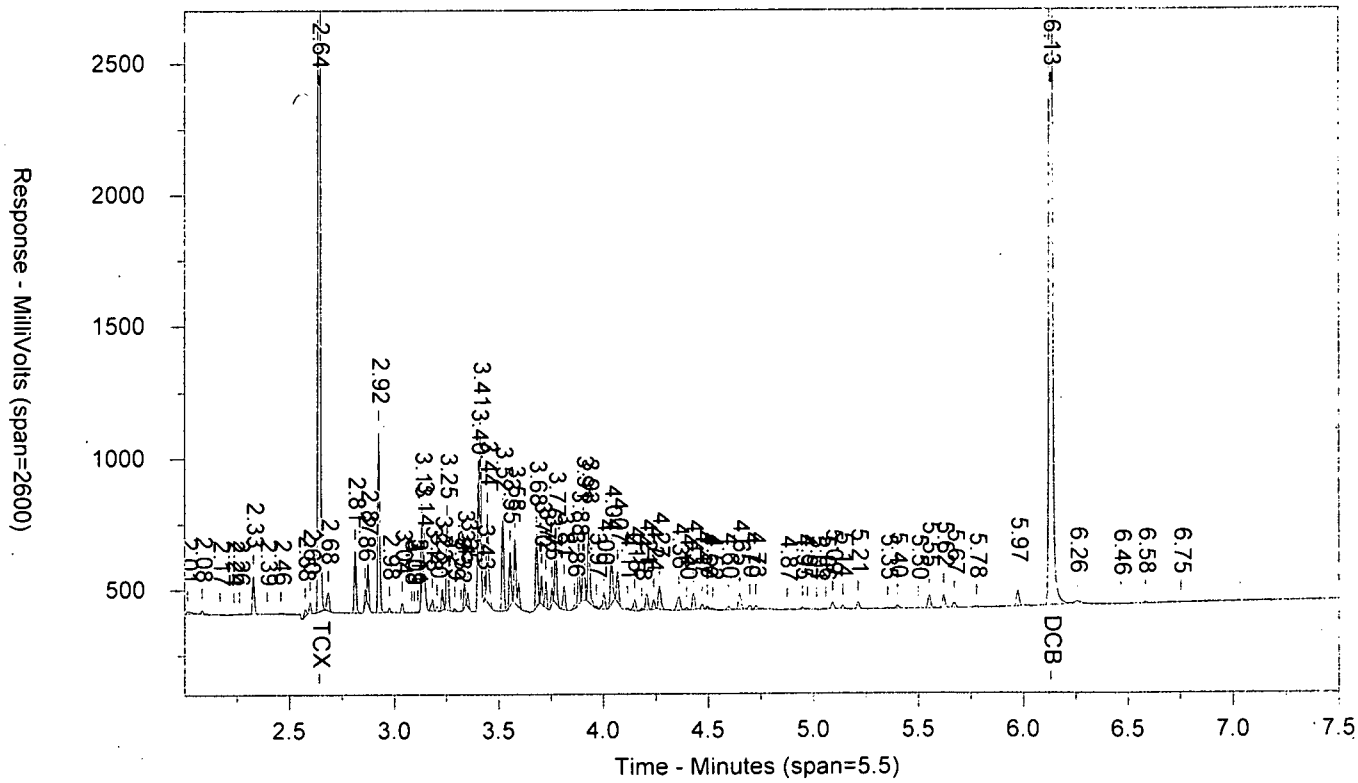

LANCASTER LABORATORIES

Sample Number: AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 8:55:21 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.958	4515554	39.726	TCX	2.642	7038645	39.378	TCX
6.637	3972555	37.305	DCB	6.131	5628335	37.275	DCB

Files:
Area File: 25pcbs17257002.028.RAW
Area File: 25pcbs17257002B.028.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 9:03:52 PM
File Reported On: 9/14/2017 at 9:04:01 PM

AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082

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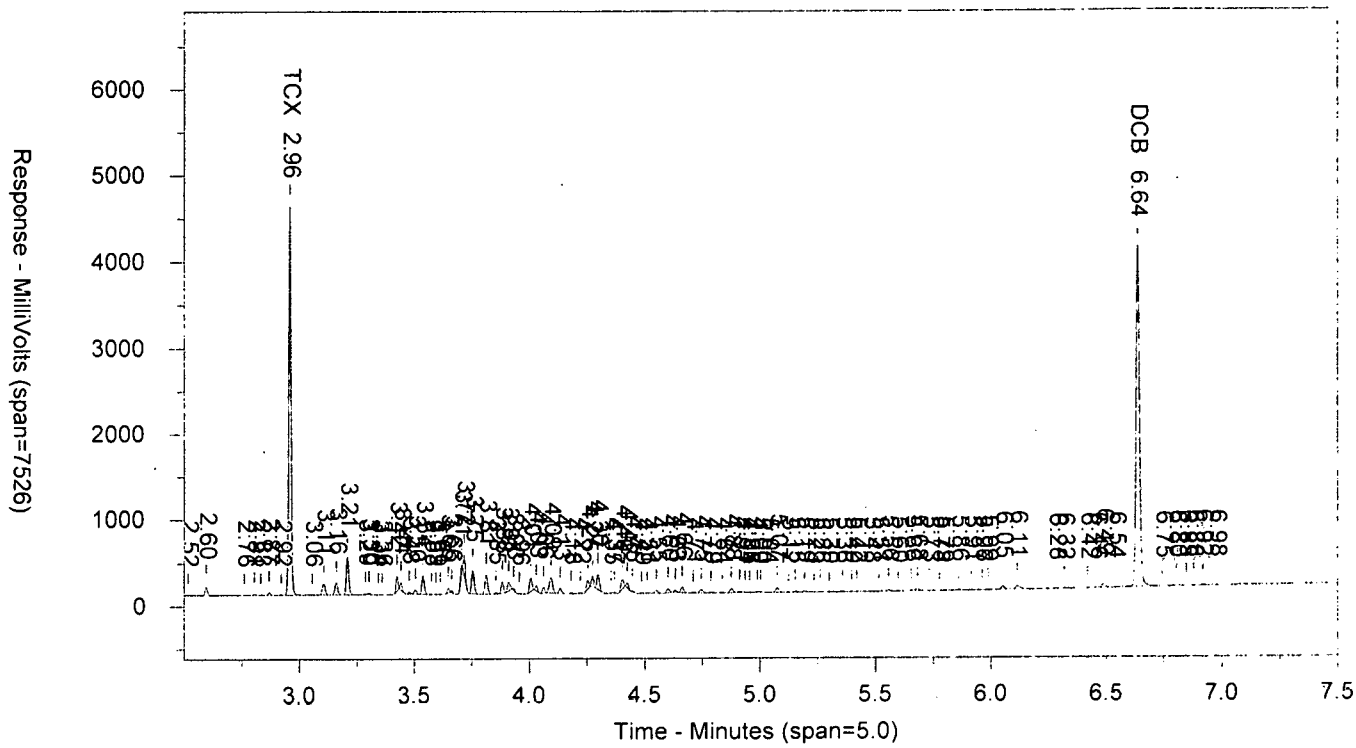

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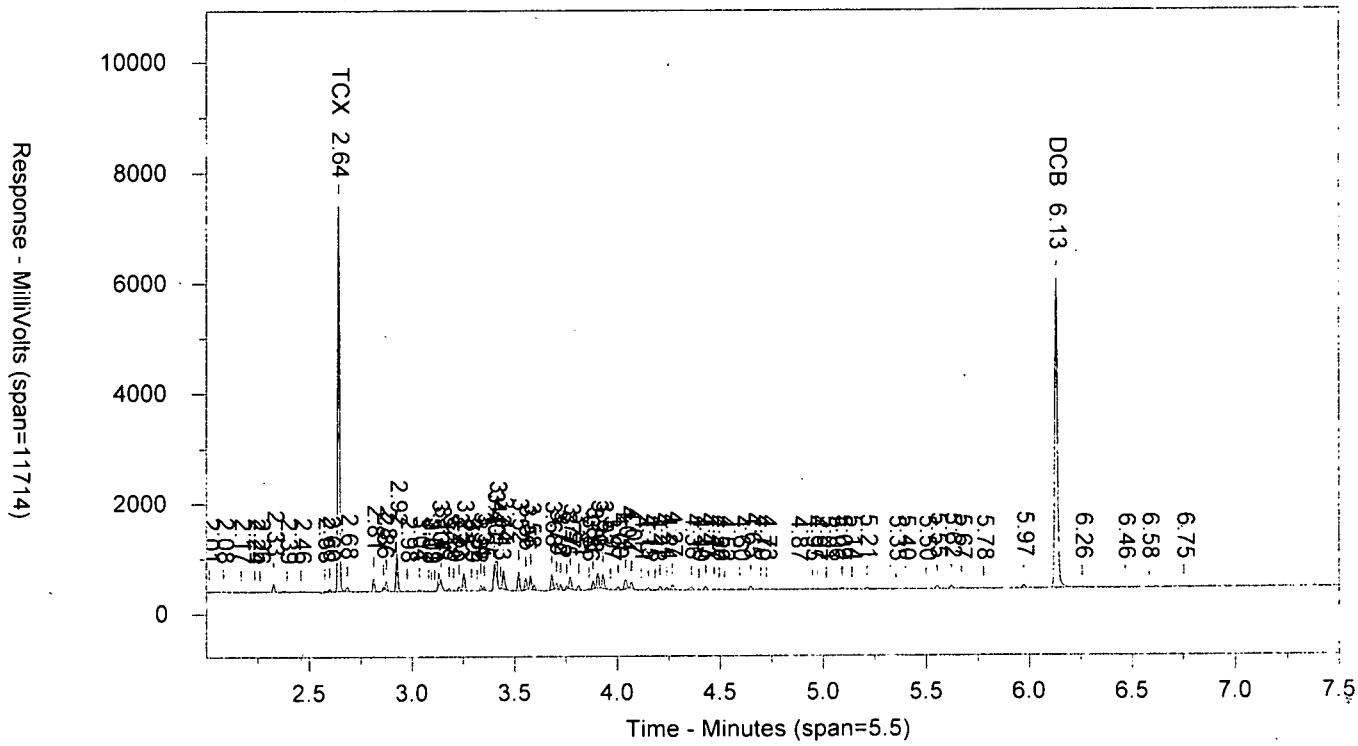

AR3241724A AAAR324AA ICAL 1725699999 10736 SW-846 8082

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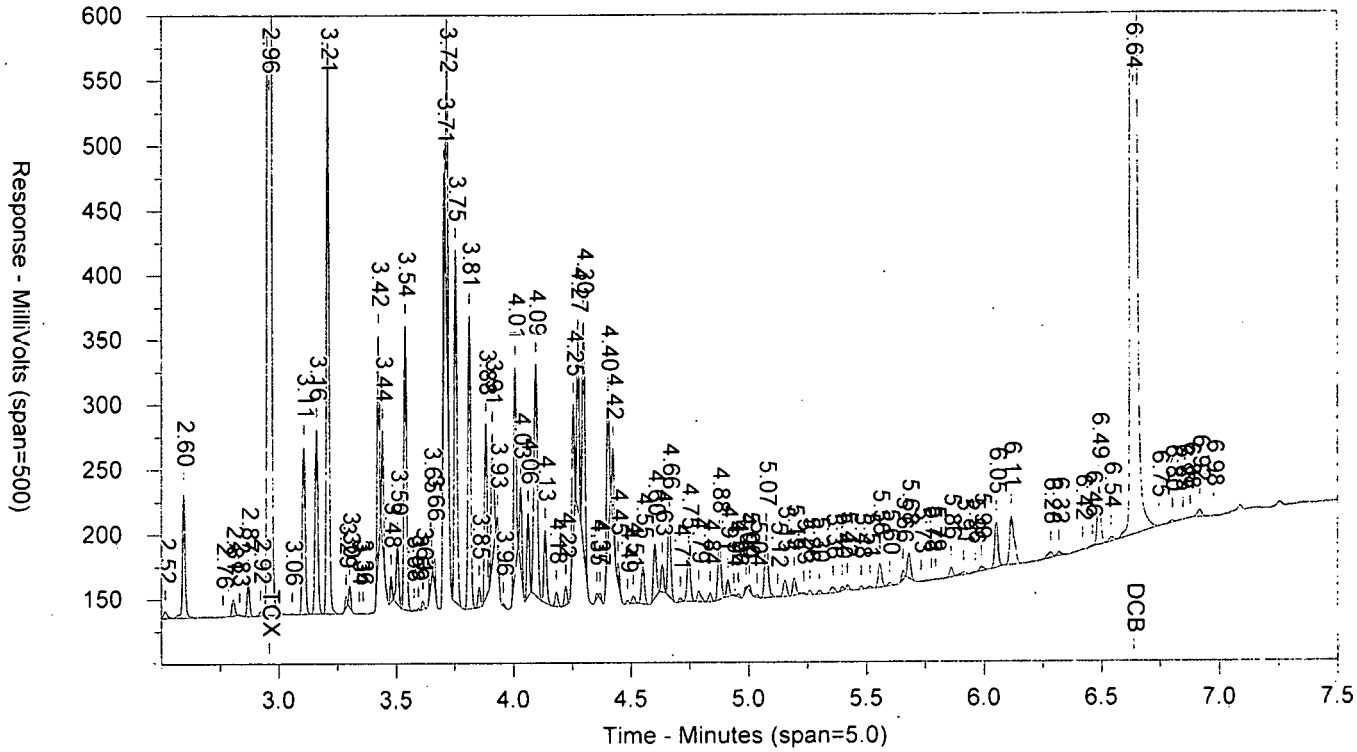

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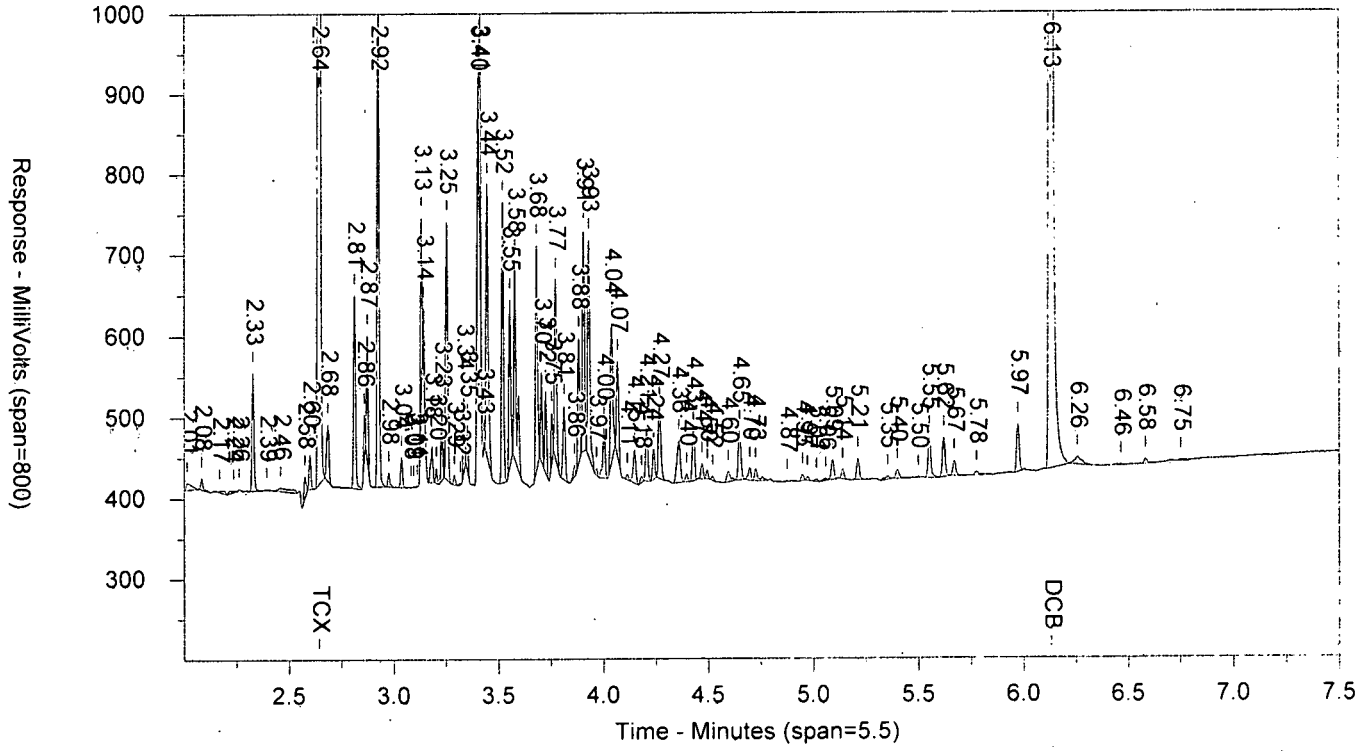

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:06:43 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.029.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.064		9964	7918
2.075		8758	6437
2.11		4331	10078
2.235		682	541
2.26		36311	25912
2.323		540	384
2.366		16790	19909
2.394		1548	1811
2.459		1449	1708
2.517		12035	13338
2.574		456	461
2.597		6910	5200
2.683		1726	2209
2.766		1132	1058
2.807		2560	2249
2.871		1924	1511
2.923		12077	10497
2.96	TCX	8014254	5548241
3.057		1494	1161
3.106		85609	75410
3.161		155705	145644
3.21		522476	376271
3.288		19600	10484
3.304		58922	36119
3.345		1670	1468
3.426		504367	304596
3.443		228999	125845
3.481		61111	36716
3.496		5682	2220
3.508		37568	20058
3.542		640053	501066
3.58		3095	1588
3.599		5234	3362
3.618		13363	7235
3.632		1470	520
3.652		136972	81560
3.667		70589	35779
3.71		329160	174709
3.721		712895	371692
3.758		813267	627057
3.816		709869	553652
3.858		53889	38435
3.887		424007	323702
3.914		315119	260235
3.936		96749	51668
3.961		8183	5802
4.01		520019	381502
4.034		181680	122850
4.066		207532	149218
4.099		616769	592538
4.14		170489	148468
4.186		36682	31982
4.226		55398	42853
4.259		383507	259271

RT A	Compound A	Height A	Area A
4.278		460519	294695
4.302		572127	451961
4.359		11866	8107
4.372		18789	11193
4.407		359372	281817
4.427		205450	128518
4.45		82305	54275
4.491		7097	4996
4.513		23723	21210
4.554		114785	107038
4.605		166919	149899
4.637		105976	81495
4.666		242572	220412
4.716		1911	1257
4.749		132361	130492
4.793		18384	26551
4.84		31666	30020
4.879		210343	200843
4.915		19431	15968
4.959		19164	22269
5.006		40680	65775
5.036		3556	2570
5.076		213516	213066
5.125		5978	4518
5.155		23299	24275
5.196		56340	49585
5.219		2671	1280
5.234		3607	2404
5.265		1117	788
5.305		1214	1281
5.36		25091	42434
5.401		22983	19334
5.424		3036	1966
5.482		1772	1481
5.519		2014	2443
5.56		27551	27364
5.598		14604	12791
5.624		2259	1459
5.66		1940	1425
5.683		50033	58809
5.758		977	870
5.78		2525	2162
5.862		6603	6344
5.892		837	496
5.91		879	854
5.991		18273	29533
6.054		57366	57130
6.117		59548	84641
6.193		2969	4476
6.241		883	2019
6.276		17922	27394
6.319		3074	3474
6.374		1805	1591
6.422		2435	2280
6.492		72511	89207
6.545		14977	21253
6.641	DCB	7183775	7576078
6.742		1171	885
6.802		20755	34717
6.879		1262	1838
6.92		6021	7252
6.957		680	391
6.978		2107	2175

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:06:43 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.029.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.022		8049	16495
2.082		26108	22201
2.164		1077	4317
2.217		6065	6008
2.264		3050	4578
2.327		11796	7878
2.391		3347	2806
2.462		1814	2811
2.552		14916	14003
2.596		6933	15677
2.642	TCX	13046630	7445896
2.686		75808	53230
2.812		165169	129274
2.86		122020	57324
2.873		137436	67606
2.925		804150	496771
2.975		31040	18629
3.036		113617	70343
3.086		625	311
3.092		570	108
3.11		917	393
3.132		569158	276003
3.143		250415	92167
3.183		117536	70887
3.205		55661	31895
3.231		94010	51553
3.254		944978	630564
3.29		34825	20051
3.319		8765	3813
3.337		246409	134471
3.353		144359	70701
3.403		485043	224872
3.413		1145890	503966
3.433		37447	12841
3.447		991328	680669
3.521		1035972	683141
3.556		664260	420233
3.58		799177	649874
3.684		908824	596686
3.707		333008	187616
3.727		318376	191099
3.757		213250	109428
3.774		813666	508548
3.815		286206	223234
3.863		57964	40075
3.885		575047	368224
3.908		945673	608185
3.932		987424	672924
3.971		40401	22591
4.006		246530	194859
4.042		628676	475010
4.07		444555	280926
4.116		34094	24161
4.152		167361	134728

RT B	Compound B	Height B	Area B
4.186		13367	10023
4.208		263945	203645
4.241		163238	117162
4.269		375502	285904
4.305		5767	6225
4.363		169377	196829
4.398		48079	36030
4.431		283286	216340
4.472		31240	28918
4.497		30451	19788
4.523		26790	20986
4.597		35517	32151
4.649		283266	227269
4.684		10600	8387
4.728		58163	64213
4.775		11115	9780
4.872		4726	4458
4.918		5720	6011
4.95		4451	3391
4.973		30615	25129
5.058		5469	11411
5.093		35556	27925
5.121		17038	15473
5.16		4517	3258
5.215		42481	38402
5.271		7154	19194
5.352		11432	36645
5.477		3954	21573
5.553		84702	99286
5.621		82002	83385
5.671		27806	25215
5.756		3067	4005
5.831		6212	10552
5.877		2912	3280
5.928		3035	3775
5.974		98238	87371
6.005		4243	5179
6.094		3280	2425
6.133	DCB	10422410	9328787
6.255		10843	27042
6.366		6614	9379
6.465		5366	10326
6.522		8259	11833
6.556		2324	1957
6.587		11900	15673
6.661		2854	2348
6.756		2690	4606
6.827		4555	6872
6.88		2629	5246

AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082

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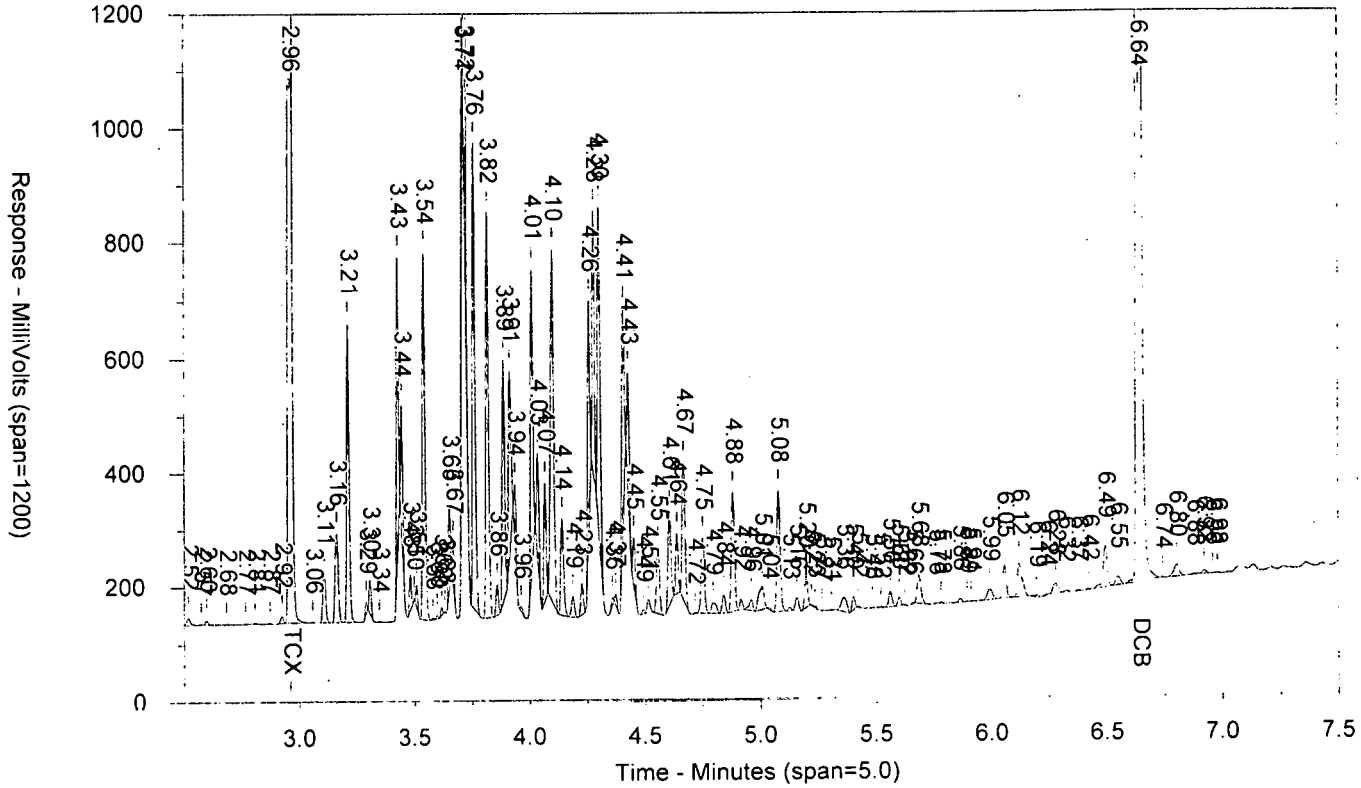

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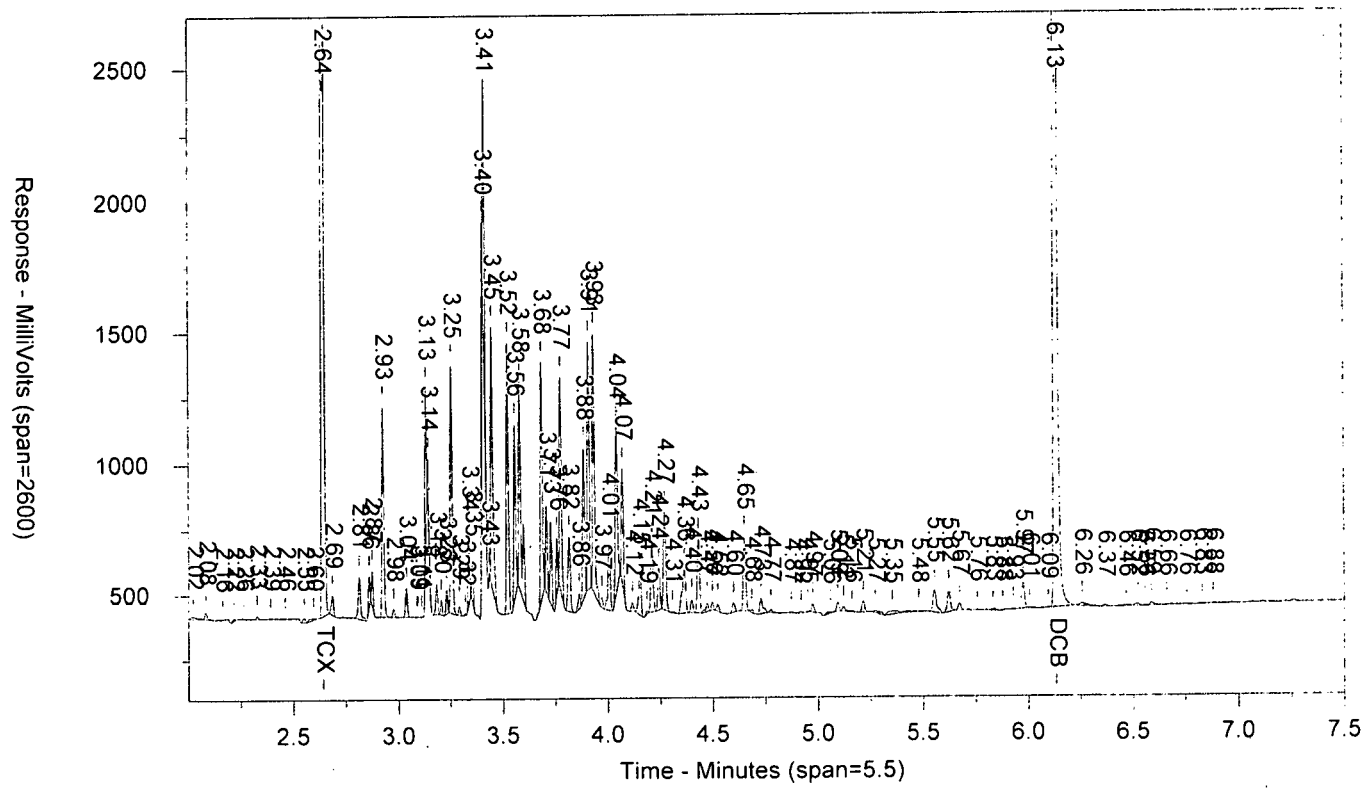

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:06:43 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	8014254	70.506	TCX	2.642	13046630	72.989	TCX
6.641	7183775	67.461	DCB	6.133	10422410	69.024	DCB

Files:
Area File: 25pcbs17257002.029.RAW
Area File: 25pcbs17257002B.029.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 9:15:13 PM
File Reported On: 9/14/2017 at 9:15:23 PM

AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082

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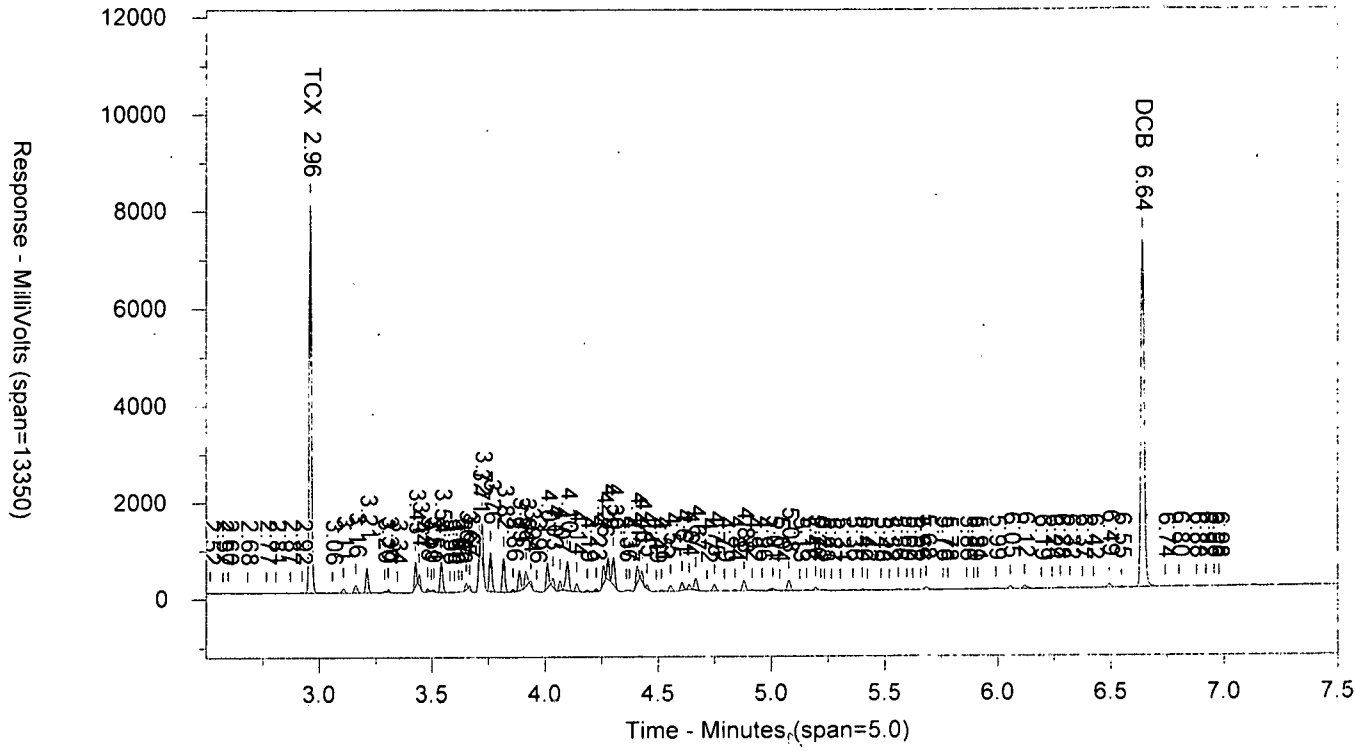

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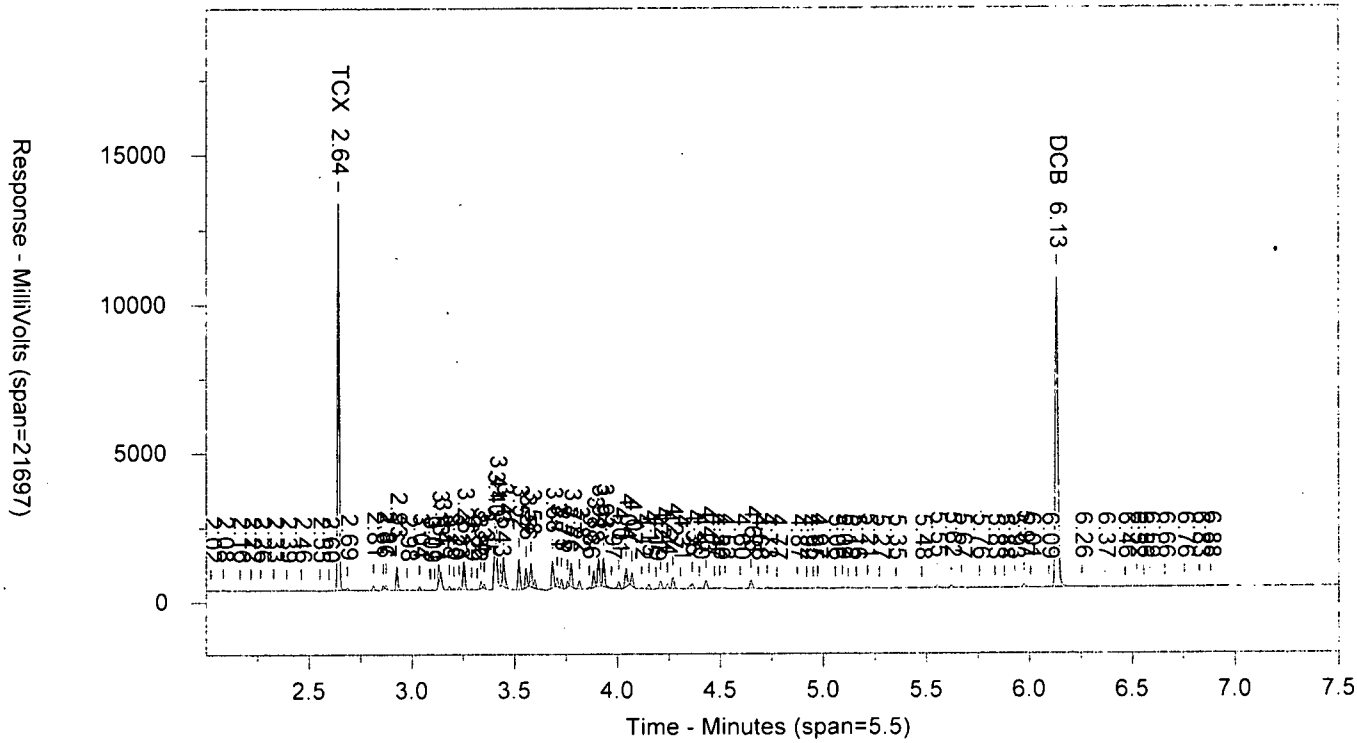

AR4231724A AAAR423AA ICAL 1725699999 10736 SW-846 8082

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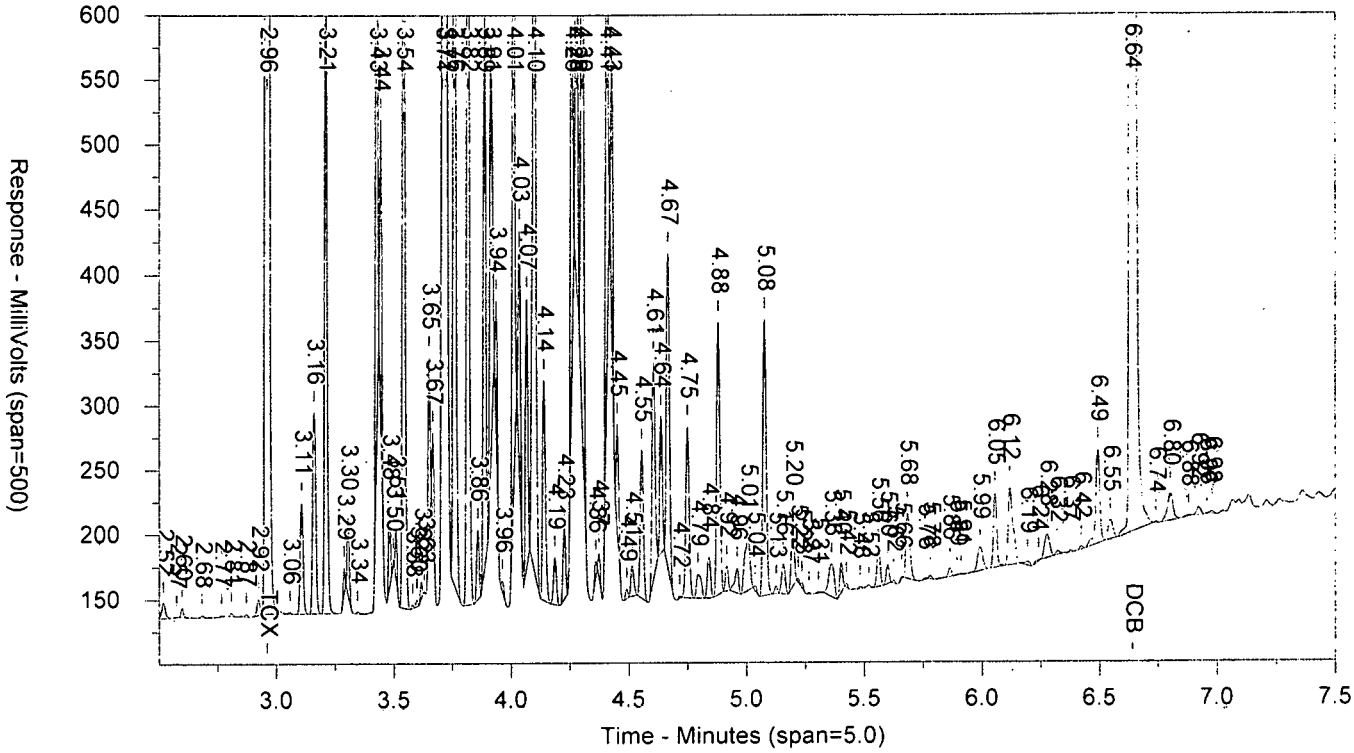

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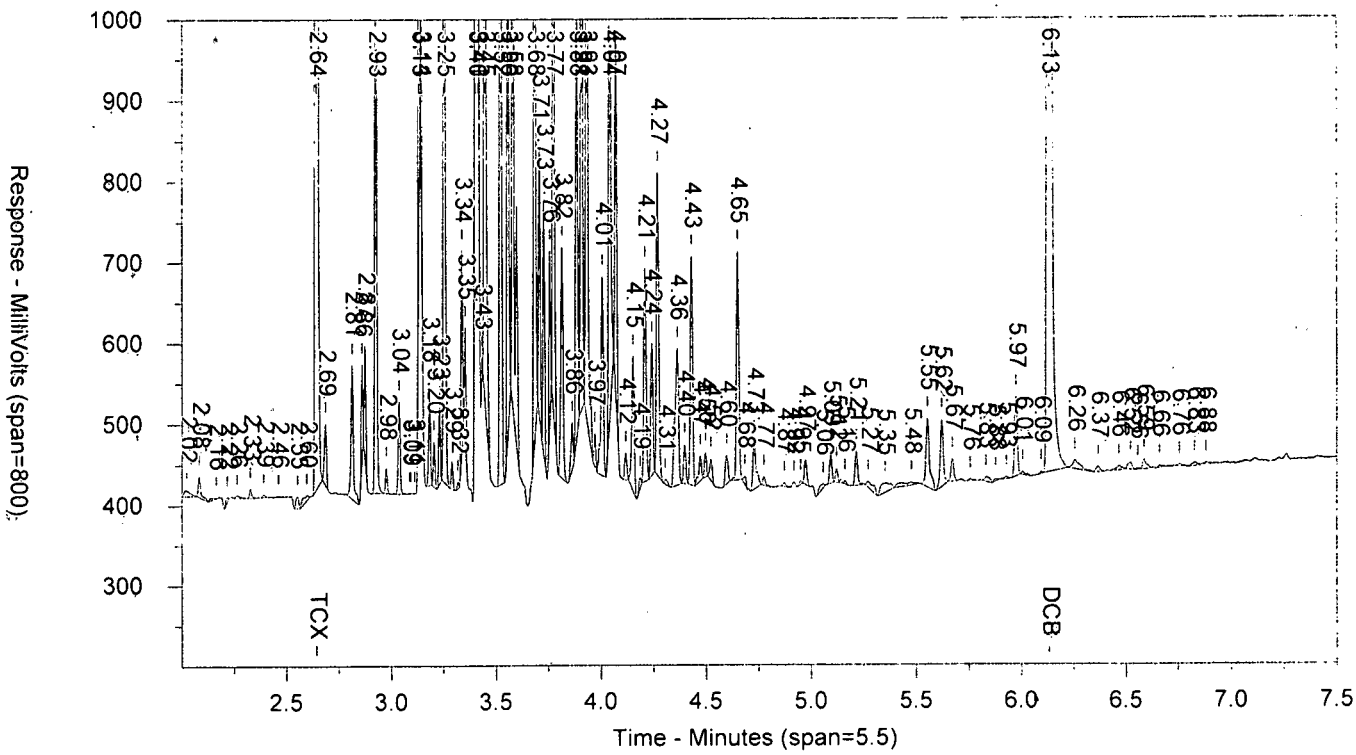

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:18:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.030.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.003		223	55
2.063		15526	19447
2.11		4392	11348
2.26		31999	23280
2.358		44887	38732
2.396		1621	1980
2.462		777	637
2.518		9375	9125
2.597		4319	3776
2.617		1467	784
2.684		709	1129
2.737		349	280
2.78		649	1135
2.806		11755	10629
2.871		1042	774
2.923		6364	5614
2.96	TCX	6973236	4799948
3.056		1422	1499
3.106		55046	48302
3.159		125460	110676
3.21		355228	259633
3.288		13297	6813
3.304		35855	22519
3.346		975	517
3.426		352389	211985
3.443		158515	86394
3.481		43021	25206
3.497		3063	1145
3.507		23695	13351
3.541		444346	351230
3.579		2299	1216
3.598		3861	2288
3.617		12006	7859
3.652		100315	58079
3.667		50396	25313
3.71		225532	116896
3.722		489479	258603
3.759		571741	431919
3.816		498152	383810
3.858		35675	26194
3.886		298495	224951
3.914		210096	178934
3.935		60199	34194
4.01		351646	262826
4.034		128237	84109
4.066		146493	103593
4.099		392600	388909
4.139		122941	102577
4.186		17784	15317
4.226		23283	17669
4.259		120463	86910
4.278		100691	62984
4.303		107242	84778
4.372		4545	7202

RT A	Compound A	Height A	Area A
4.406		35015	45829
4.45		2514	1721
4.513		522	320
4.553		3587	3435
4.608		7253	6290
4.647		6301	9661
4.751		2468	2065
4.79		697	538
4.836		936	1302
4.878		2462	2217
4.916		23978	29070
4.972		1757	1989
5.007		8364	11642
5.077		2810	3043
5.1		814	504
5.156		17826	18140
5.199		1622	1720
5.236		2052	1981
5.274		537	586
5.321		436	506
5.361		13985	21942
5.425		6607	17518
5.486		828	826
5.512		1578	1830
5.56		26937	28888
5.634		6634	6913
5.684		36384	39008
5.739		8500	7458
5.764		3427	4285
5.835		8048	7413
5.871		7477	8149
5.931		613	885
5.955		1049	1141
5.993		4349	5919
6.055		50901	47723
6.088		1578	1117
6.118		49814	68133
6.278		4878	14944
6.324		3229	4417
6.379		449	384
6.423		1862	2286
6.463		1331	1029
6.493		61776	66238
6.549		2534	2854
6.578		9165	9030
6.643	DCB	6150138	6504963
6.769		575	340
6.807		865	285
6.895		2205	2217
6.923		3598	3817
6.988		3985	3798

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:18:04 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.030.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.014		8969	18667
2.082		22524	15568
2.185		6664	7268
2.238		2984	9017
2.261		3201	4236
2.328		7008	3892
2.361		994	604
2.458		3615	23251
2.557		3301	4388
2.576		22533	18533
2.642	TCX	11234710	6411729
2.686		48002	33817
2.731		2438	2697
2.812		108313	75786
2.859		143213	162156
2.925		553237	344081
2.975		27936	17080
3.036		76723	48197
3.078		541	164
3.089		268	46
3.096		1107	547
3.112		836	194
3.131		429418	217345
3.143		172217	62923
3.183		88405	53361
3.204		37397	22084
3.23		61787	34683
3.254		666191	444346
3.29		23111	13453
3.319		5239	2457
3.337		175787	93961
3.352		108188	55681
3.403		390312	182623
3.412		786766	330931
3.432		26211	9375
3.446		662423	471384
3.521		741854	472529
3.556		459520	295687
3.579		562207	455271
3.684		625907	415816
3.707		243096	135463
3.728		216708	130431
3.757		136031	71514
3.773		498093	320810
3.815		192364	143108
3.863		23837	18772
3.885		143438	92715
3.907		283498	187633
3.933		144031	114067
4.006		13156	8310
4.055		32695	57172
4.114		1304	1050
4.143		5235	5750
4.186		17662	24642

RT B	Compound B	Height B	Area B
4.249		3820	13500
4.271		3490	3731
4.365		5149	5196
4.43		4430	3467
4.473		39432	47098
4.616		4903	7366
4.651		13530	57151
4.777		5761	60930
4.828		2345	2700
4.876		4937	4194
4.908		2224	2344
4.95		7831	7833
4.998		13089	11847
5.093		38330	39167
5.146		10835	10409
5.184		5039	3585
5.214		36228	34561
5.357		10325	32189
5.427		8590	20648
5.554		71892	70995
5.622		71876	64184
5.671		25994	23702
5.877		1981	2590
5.929		2198	1873
5.974		92951	84786
6.075		4265	4812
6.133	DCB	9108587	8049734
6.266		12977	27027
6.449		1241	1613
6.586		8946	9693
6.761		19099	22210
6.893		1378	3157
6.925		2273	1814

AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082

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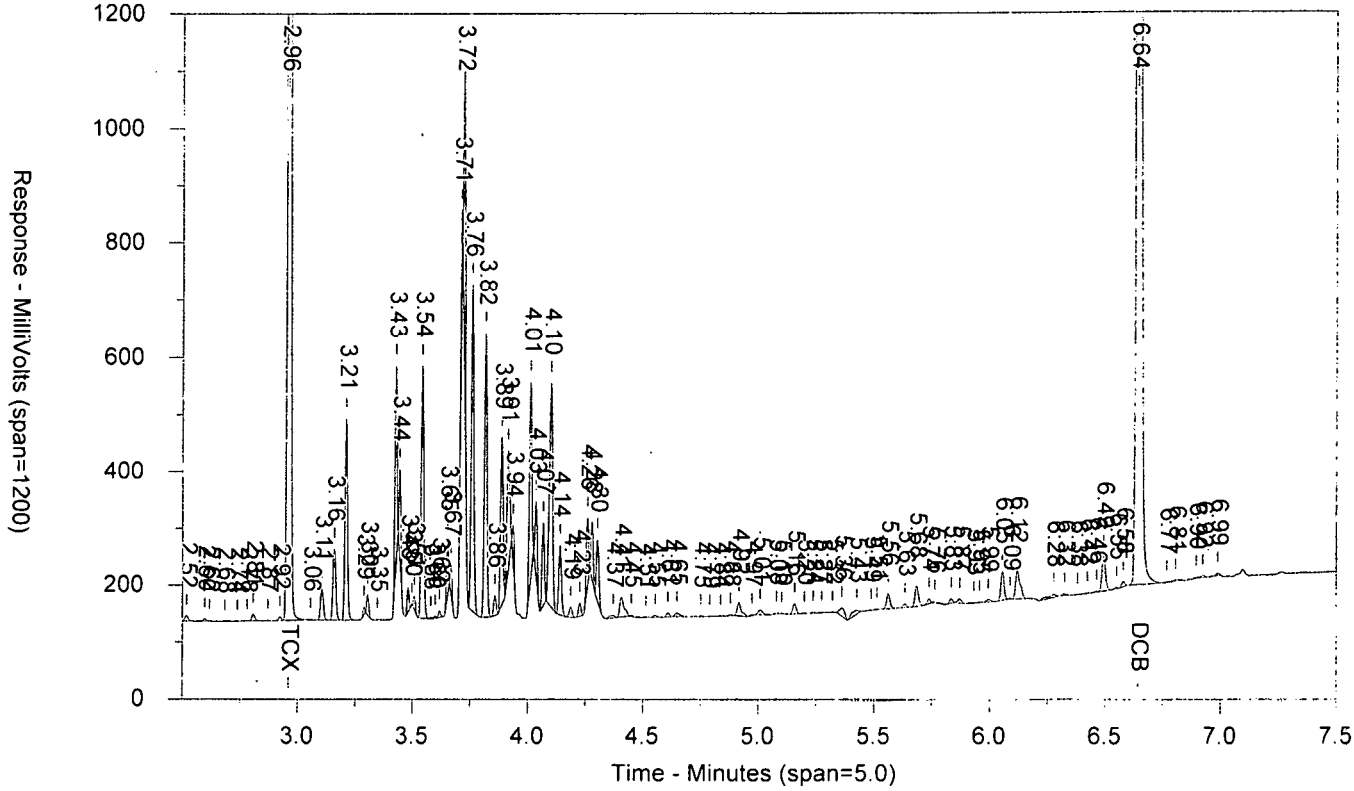

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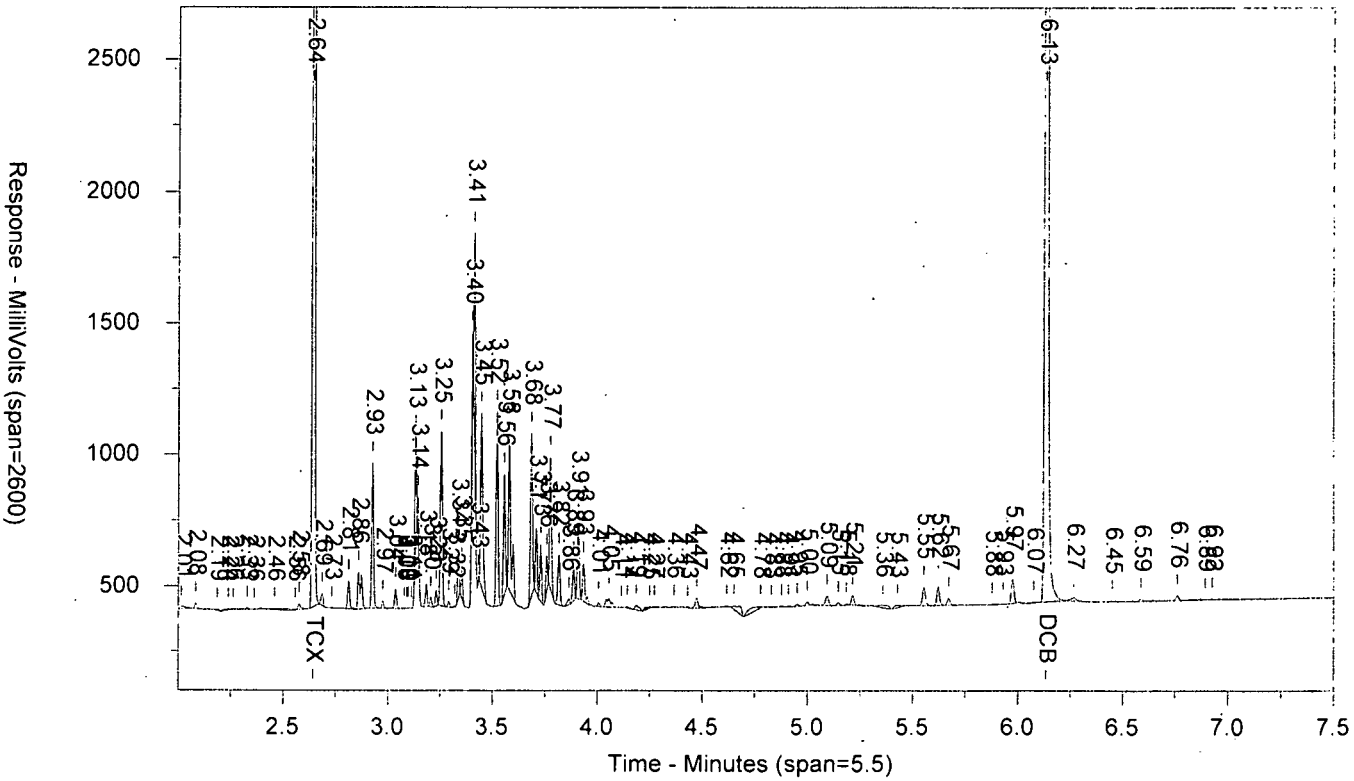

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:18:04 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	6973236	61.347	TCX	2.642	11234710	62.853	TCX
6.643	6150138	57.755	DCB	6.133	9108587	60.323	DCB

Files:
Area File: 25pcbs17257002.030.RAW
Area File: 25pcbs17257002B.030.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 9:26:35 PM
File Reported On: 9/14/2017 at 9:26:46 PM

AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082

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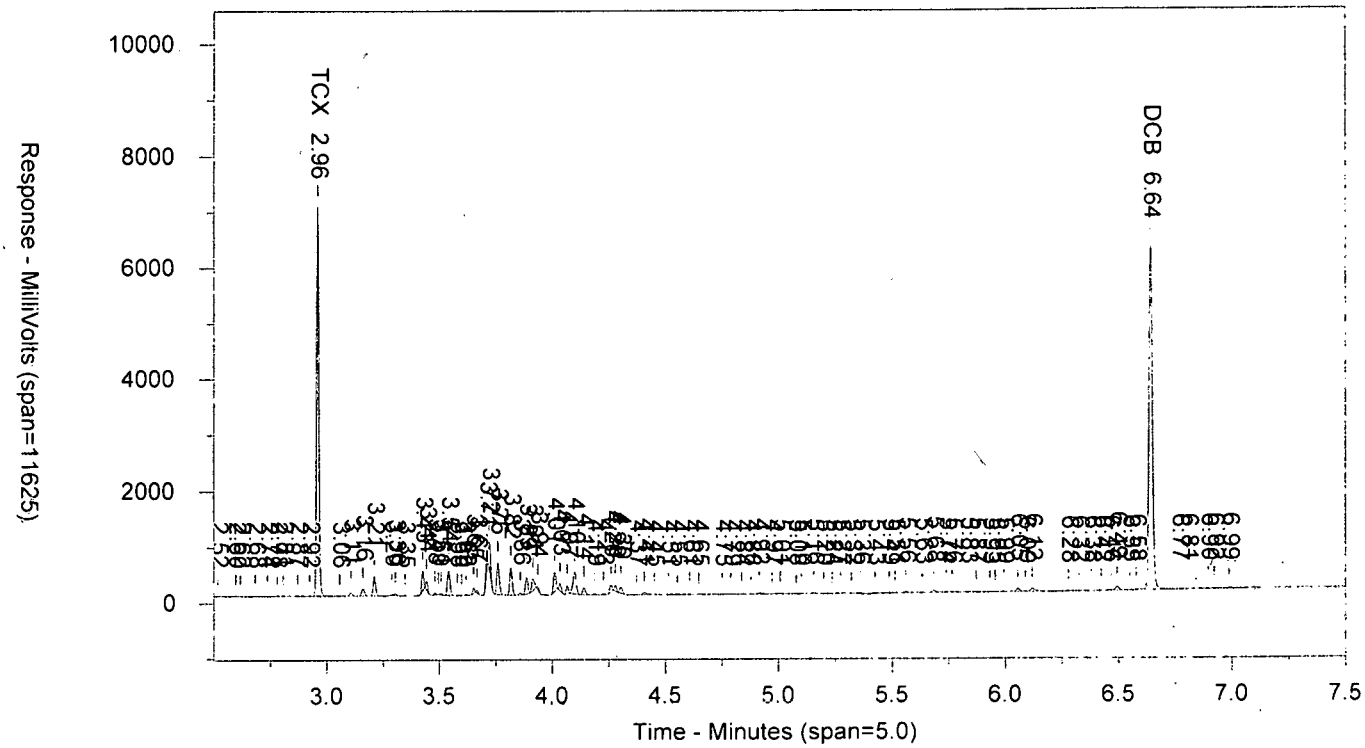

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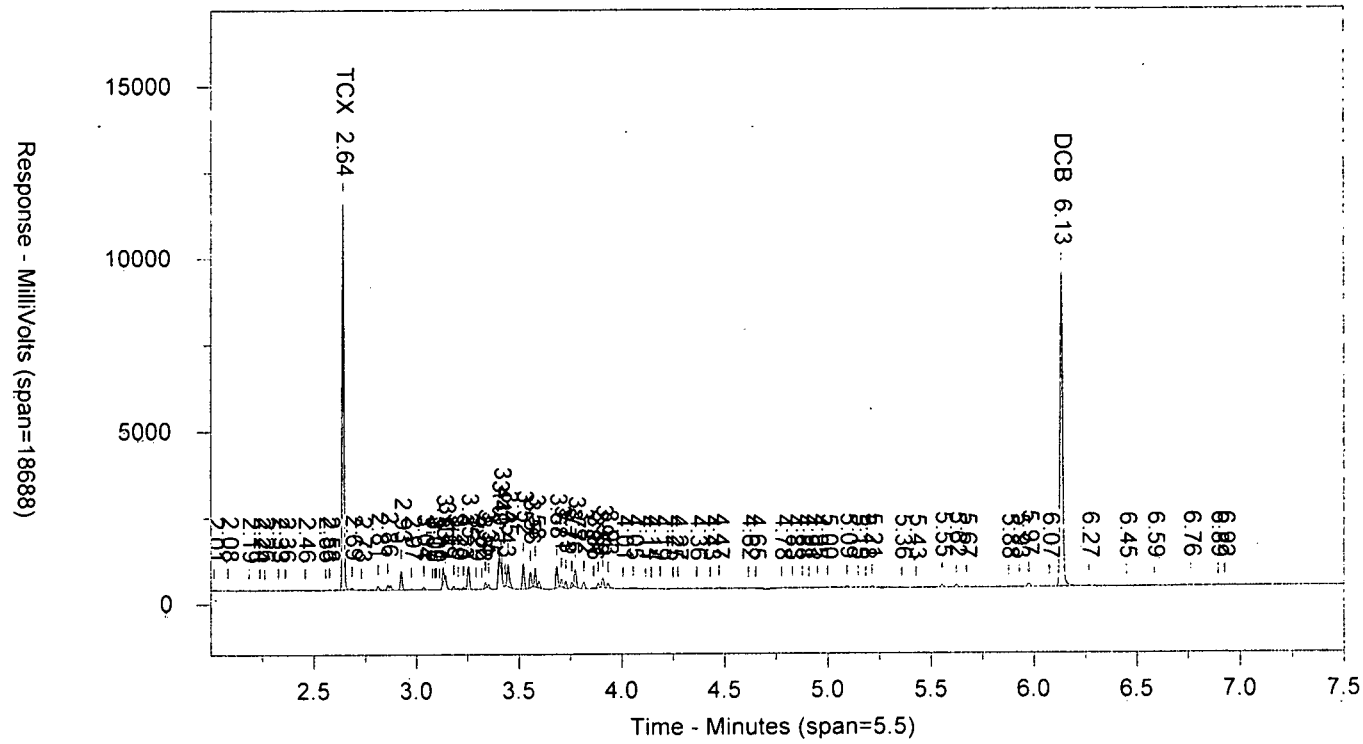

AR16XX1724B AAAR16XAA ICAL 1725699999 10736 SW-846 8082

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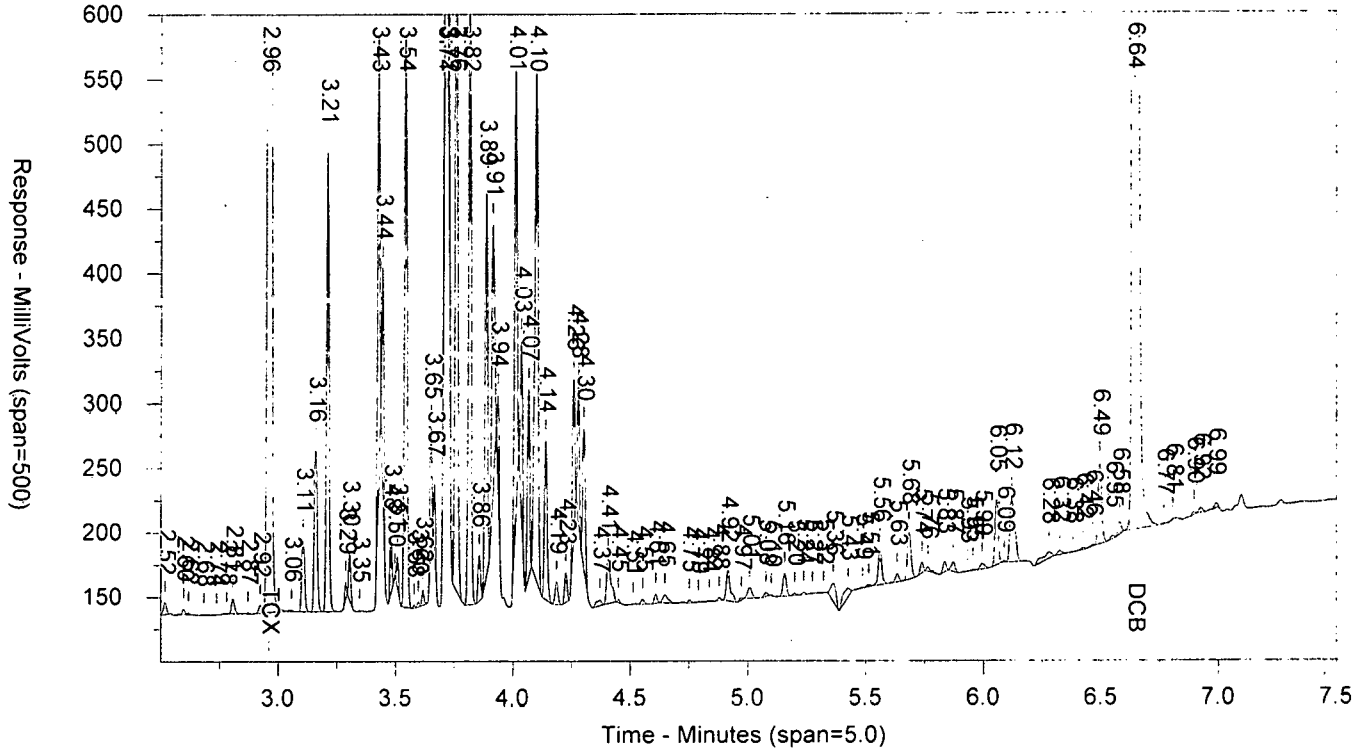

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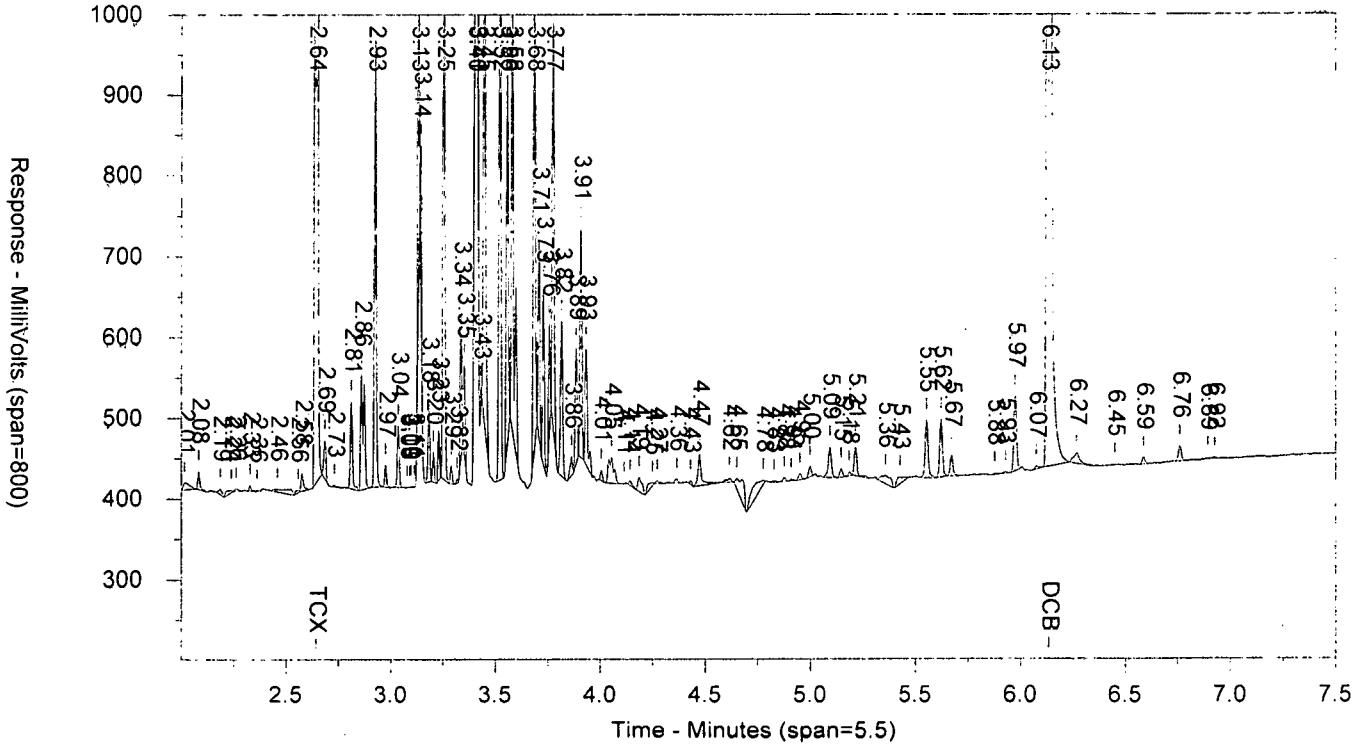

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **MD16X1724B** MD16XAA ID: AA **Batchnumber: 1725699999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274A
Result file : 25PCBS17257002.031.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 100% (53-140) Conc.: 0.399896
%SSR(DCB) : *4% (45-143) Conc.: 0.016643

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	1.57	
3.19	3.21	3.23	10836.88	5.840292			1
3.41	3.43	3.45	10937.8	5.862228			2
3.52	3.55	3.56	13913.75	5.929958			3
3.74	3.76	3.78	17293.87	5.88459			4
3.79	3.82	3.83	14723.23	5.718562			5
3.99	4.02	4.03	10877.05	5.705757			6
Height Summation:			78582.58				
Amount Avg CF:			5.823565	Linear:			
Aroclor-1221					3	35.95	
3.09	3.11	3.13	1932.441	2.032706			1
3.14	3.16	3.18	2392.678	2.716042			2
3.19	3.21	3.23	10836.88	4.116783			3
Height Summation:			15161.999				
Amount Avg CF:			2.955177	Linear:			
Aroclor-1232					6	28.49	
3.19	3.21	3.23	10836.88	4.923445			1
3.40	3.43	3.44	10937.8	12.821454			2
3.52	3.55	3.56	13913.75	12.702457			3
3.73	3.76	3.77	17293.87	12.710723			4
3.79	3.82	3.83	14723.23	13.026878			5
3.99	4.02	4.03	10877.05	13.737903			6
Height Summation:			78582.58				
Amount Avg CF:			11.65381	Linear:			
Aroclor-1242					6	2.14	
3.19	3.21	3.23	10836.88	4.148279			1
3.41	3.43	3.45	10937.8	4.337239			2
3.52	3.55	3.56	13913.75	4.347687			3
3.74	3.76	3.78	17293.87	4.252938			4
3.80	3.82	3.84	14723.23	4.148154			5
3.99	4.02	4.03	10877.05	4.183328			6
Height Summation:			78582.58				
Amount Avg CF:			4.236271	Linear:			
Aroclor-1248					6	62.07	
3.74	3.76	3.78	17293.87	14.002853			1
3.80	3.82	3.84	14723.23	10.28427			2
3.86	3.89	3.90	9586.76	4.055016			3
3.99	4.02	4.03	10877.05	4.025733			4
4.08	4.11	4.12	10300.25	4.297308			5
4.26	4.27	4.30	11054.22	4.510707			6
+ 4.26	4.28	4.30	1731.883	0.7067			6
Height Summation:			73835.38				
Amount Avg CF:			6.862648	Linear:			

Analysis Report (B)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274B
Result file : 25PCBS17257002B.031.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 108% (53-140) Conc.: 0.433883
%SSR(DCB) : 132% (45-143) Conc.: 0.529418

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	3.69	
2.91	2.93	2.95	18330.52	6.212424			1
3.11	3.13	3.15	14487.34	5.962907			2
+ 3.11	3.14	3.15	6044.41	2.487845			2
3.23	3.25	3.27	21397.14	6.118602			3
+ 3.43	3.43	3.47	1464.262	0.400042			4
3.43	3.45	3.47	21964.87	6.000891			4
3.50	3.52	3.54	22229.74	5.675523			5
3.54	3.56	3.58	16777.77	6.311318			6
Height Summation:			115187.38				
Amount Avg CF:			6.046944	Linear:			
Aroclor-1221					3	40.46	
2.79	2.81	2.83	3906.413	2.310972			1
2.85	2.87	2.89	5642.934	5.592605			2
2.91	2.93	2.95	18330.52	4.44387			3
Height Summation:			27879.867				
Amount Avg CF:			4.115816	Linear:			
Aroclor-1232					6	29.66	
2.91	2.93	2.95	18330.52	5.34454			1
3.11	3.13	3.15	14487.34	12.765017			2
+ 3.11	3.14	3.15	6044.41	5.325822			2
3.23	3.25	3.27	21397.14	13.483446			3
+ 3.43	3.43	3.47	1464.262	0.874683			4
3.43	3.45	3.47	21964.87	13.120814			4
3.50	3.52	3.54	22229.74	12.808408			5
3.53	3.56	3.57	16777.77	16.243186			6
Height Summation:			115187.38				
Amount Avg CF:			12.294235	Linear:			
Aroclor-1242					6	7.15	
2.91	2.93	2.95	18330.52	4.55898			1
3.11	3.13	3.15	14487.34	5.090797			2
+ 3.11	3.14	3.15	6044.41	2.123983			2
3.23	3.25	3.27	21397.14	4.528601			3
+ 3.43	3.43	3.47	1464.262	0.295414			4
3.43	3.45	3.47	21964.87	4.431403			4
3.50	3.52	3.54	22229.74	4.291572			5
3.54	3.56	3.58	16777.77	5.051567			6
Height Summation:			115187.38				
Amount Avg CF:			4.65882	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **MD16X1724B** MD16XAA ID: AA **Batchnumber: 1725699999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274A
Result file : 25PCBS17257002.031.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	76.93	
4.24	4.27	4.28	11054.22	4.166057			1
4.39	4.42	4.43	12429.87	2.744791			2
4.65	4.67	4.68	7011.507	1.111778			3
4.86	4.89	4.90	4283.704	0.931433			4
5.06	5.09	5.10	15902.23	4.438363			5
5.17	5.20	5.21	42717.43	8.554562			6
Height Summation:			93398.961				
Amount Avg CF:			3.657831	Linear:			
Aroclor-1260					6	3.85	
4.97	5.00	5.01	35510.09	6.095254			1
5.17	5.20	5.21	42717.43	5.932187			2
5.24	5.27	5.28	20639.66	5.925237			3
+ 5.40	5.41	5.44	3893.722	1.057374			4
5.40	5.43	5.44	22582.34	6.132431			4
5.64	5.66	5.68	56397.25	5.514284			5
5.84	5.87	5.88	38347.77	6.082908			6
Height Summation:			216194.54				
Amount Avg CF:			5.94705	Linear:			
Aroclor-1262					6	25.69	
5.25	5.27	5.29	20639.66	3.545017			1
5.41	5.43	5.45	22582.34	4.388757			2
5.64	5.66	5.68	56397.25	4.358147			3
5.85	5.87	5.89	38347.77	4.927657			4
5.90	5.92	5.94	8070.753	2.109375			5
6.27	6.29	6.31	17268.38	3.68922			6
Height Summation:			163306.153				
Amount Avg CF:			3.836362	Linear:			
Aroclor-1268					5	111.08	
5.84	5.87	5.88	38347.77	2.718128			1
5.90	5.92	5.94	8070.753	0.653011			2
6.03	6.06	6.07	1008.916	0.085599			3
6.27	6.29	6.31	17268.38	3.336478			5
6.47	6.50	6.51	4529.358	0.115209			6
Height Summation:			69225.177				
Amount Avg CF:			1.381685	Linear:			

Analysis Report (B)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274B
Result file : 25PCBS17257002B.031.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	68.07	
+ 3.43	3.43	3.47	1464.262	0.997421			1
3.43	3.45	3.47	21964.87	14.961949			1
3.50	3.52	3.54	22229.74	9.931082			2
3.54	3.56	3.58	16777.77	4.476043			3
3.66	3.69	3.70	20232.18	4.353028			4
+ 3.75	3.76	3.79	4696.911	1.477202			5
3.75	3.78	3.79	14292.99	4.495218			5
+ 3.89	3.89	3.93	3178.27	0.547988			6
3.89	3.91	3.93	16613.44	2.86444			6
Height Summation:			112110.99				
Amount Avg CF:			6.84696	Linear:			
Aroclor-1254					6	94.35	
+ 4.25	4.26	4.29	6375.567	0.720188			1
4.25	4.29	4.29	18335.44	2.071182			1
4.34	4.36	4.38	43216.02	10.391092			2
4.41	4.44	4.45	4332.656	0.70789			3
4.48	4.50	4.51	51689.82	14.132721			4
4.63	4.66	4.67	4824.021	1.121817			5
4.71	4.73	4.75	46094	6.770991			6
Height Summation:			168491.957				
Amount Avg CF:			5.865949	Linear:			
Aroclor-1260					6	3.15	
4.47	4.50	4.51	51689.82	6.219246			1
4.58	4.60	4.62	38053.9	5.772163			2
4.71	4.73	4.75	46094	5.735919			3
4.93	4.95	4.97	32777.84	5.943138			4
5.12	5.15	5.16	76535.27	5.900769			5
5.38	5.40	5.42	51711.71	5.737656			6
Height Summation:			296862.54				
Amount Avg CF:			5.884815	Linear:			
Aroclor-1262					6	20.96	
4.74	4.76	4.78	23890.86	2.95808			1
4.93	4.95	4.97	32777.84	4.067162			2
5.12	5.15	5.16	76535.27	4.487318			3
5.34	5.36	5.38	17395.56	2.65536			4
5.38	5.40	5.42	51711.71	4.522851			5
5.76	5.78	5.80	23577.84	3.731424			6
Height Summation:			225889.08				
Amount Avg CF:			3.737033	Linear:			
Aroclor-1268					5	96.04	
5.33	5.36	5.37	17395.56	0.911534			1
5.38	5.40	5.42	51711.71	2.76146			2
5.60	5.63	5.64	1767.596	0.43159			4
5.75	5.78	5.79	23577.84	3.329354			5
5.95	5.98	5.99	5952.745	0.101695			6
Height Summation:			100405.451				
Amount Avg CF:			1.507127	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **MD16X1724B** MD16XAA ID: AA **Batchnumber: 1725699999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274A
Result file : 25PCBS17257002.031.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Analysis Report (B)

Injected on : Sep 14, 2017 21:29:52
Instrument : CP25--18274B
Result file : 25PCBS17257002B.031.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			17	3.6		3.76	4	40	
Aroclor-1221			17	4.6		32.83	3	5	
Aroclor-1232			17	8		5.35	4	10	
Aroclor-1242			17	3.3		9.50	4	30	
Aroclor-1248			17	3.3		0.23	4	40	
Aroclor-1254			17	3.3		** 46.37	4	40	
Aroclor-1260			17	4.9		1.05	4	40	
Aroclor-1262			17	3.3		2.62	4	40	
Aroclor-1268			17	3.3		8.68	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:29:52 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.031.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.064		6184	7816
2.112		4931	14170
2.359		13266	9713
2.397		1604	2607
2.519		4507	5106
2.589		376	365
2.6		463	148
2.618		552	327
2.808		23347	23779
2.924		2788	2883
2.961	TCX	45455	30963
3.052		644	673
3.108		1932	1593
3.163		2393	1975
3.212		10837	7428
3.291		2703	4035
3.366		494	735
3.43		10938	6885
3.447		5113	2817
3.484		1309	765
3.516		860	677
3.546		13914	10779
3.64		1274	934
3.656		2141	1247
3.695		498	217
3.716		7060	3903
3.727		12814	6723
3.764		17294	13146
3.822		14723	10434
3.86		1240	1049
3.891		9587	7427
3.918		6570	5366
3.941		1930	945
3.968		2536	2497
4.015		10877	8001
4.039		3930	2503
4.072		3805	2728
4.105		10300	10889
4.146		3428	2897
4.193		633	700
4.231		802	618
4.266		11054	8433
4.285		1732	765
4.308		4431	3867
4.38		1903	2196
4.421		12430	12412
4.561		1152	1226
4.613		1157	759
4.628		2486	1581
4.672		7012	8470
4.722		11547	13053
4.759		2134	1450
4.798		27367	27224
4.886		4284	4980

RT A	Compound A	Height A	Area A
4.944		7663	7686
4.997		35510	49426
5.049		6353	5558
5.088		15902	18512
5.169		2977	3336
5.202		42717	45612
5.268		20640	19825
5.31		12198	11998
5.366		4736	6690
5.406		3894	3066
5.429		22582	20650
5.487		12118	11351
5.525		5996	5920
5.569		1082	991
5.608		7260	7894
5.664		56397	54251
5.691		1439	1291
5.795		665	712
5.818		367	91
5.868		38348	36190
5.898		1292	709
5.925		8071	9426
5.965		2388	2221
5.995		2395	3101
6.063		1009	1137
6.139		6272	8146
6.189		246	257
6.294		17268	19641
6.329		2597	4182
6.42		165	676
6.461		562	513
6.498		4529	5221
6.552		3117	4293
6.625	DCB	1772	2583
6.648		52147	52304
6.705		1844	2421
6.762		475	211
6.816		1634	2160
6.848		331	319
6.87		381	229
6.884		477	210
6.898		782	408
6.928		6068	8484
6.989		574	405

LANCASTER LABORATORIES

Sample Number: MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:29:52 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.031.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.021		9072	27094
2.229		1981	3373
2.256		2740	2597
2.368		839	686
2.554		4616	4385
2.574		50307	45229
2.642	TCX	77555	45452
2.688		2195	2360
2.811		3906	4936
2.874		5643	7162
2.925		18331	11272
3.038		2299	1412
3.057		1353	937
3.079		1125	190
3.085		951	227
3.096		1371	360
3.132		14487	6986
3.144		6044	2221
3.184		2379	1422
3.205		1298	1030
3.233		1946	957
3.255		21397	14753
3.306		1560	1937
3.338		5731	3122
3.354		2891	1808
3.405		11819	5504
3.415		22567	9653
3.434		1464	345
3.449		21965	15577
3.524		22230	14816
3.559		16778	10452
3.583		18552	19685
3.688		20232	15000
3.71		7054	4016
3.762		4697	2558
3.779		14293	9789
3.819		6228	4532
3.89		3178	2074
3.91		16613	11371
3.975		2748	1897
4.011		17221	13049
4.157		3228	3324
4.215		5198	7619
4.256		6376	3927
4.285		18335	18853
4.313		6999	7251
4.365		43216	36976
4.437		4333	2677
4.461		9083	6921
4.503		51690	46401
4.604		38054	44893
4.657		4824	4046
4.697		15672	14368
4.733		46094	40986

RT B	Compound B	Height B	Area B
4.764		23891	18893
4.803		17109	13877
4.902		5602	8137
4.954		32778	26050
5.027		15842	14746
5.063		8356	7045
5.092		6555	5697
5.147		76535	75120
5.221		3152	3872
5.307		1929	3322
5.36		17396	18114
5.404		51712	57740
5.503		4976	10061
5.63		1768	1841
5.676		9922	10746
5.78		23578	25906
5.944		1451	6775
5.978		5953	4962
6.137	DCB	79940	81805
6.263		12670	41917
6.448		1758	3229
6.709		2356	5475

MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082

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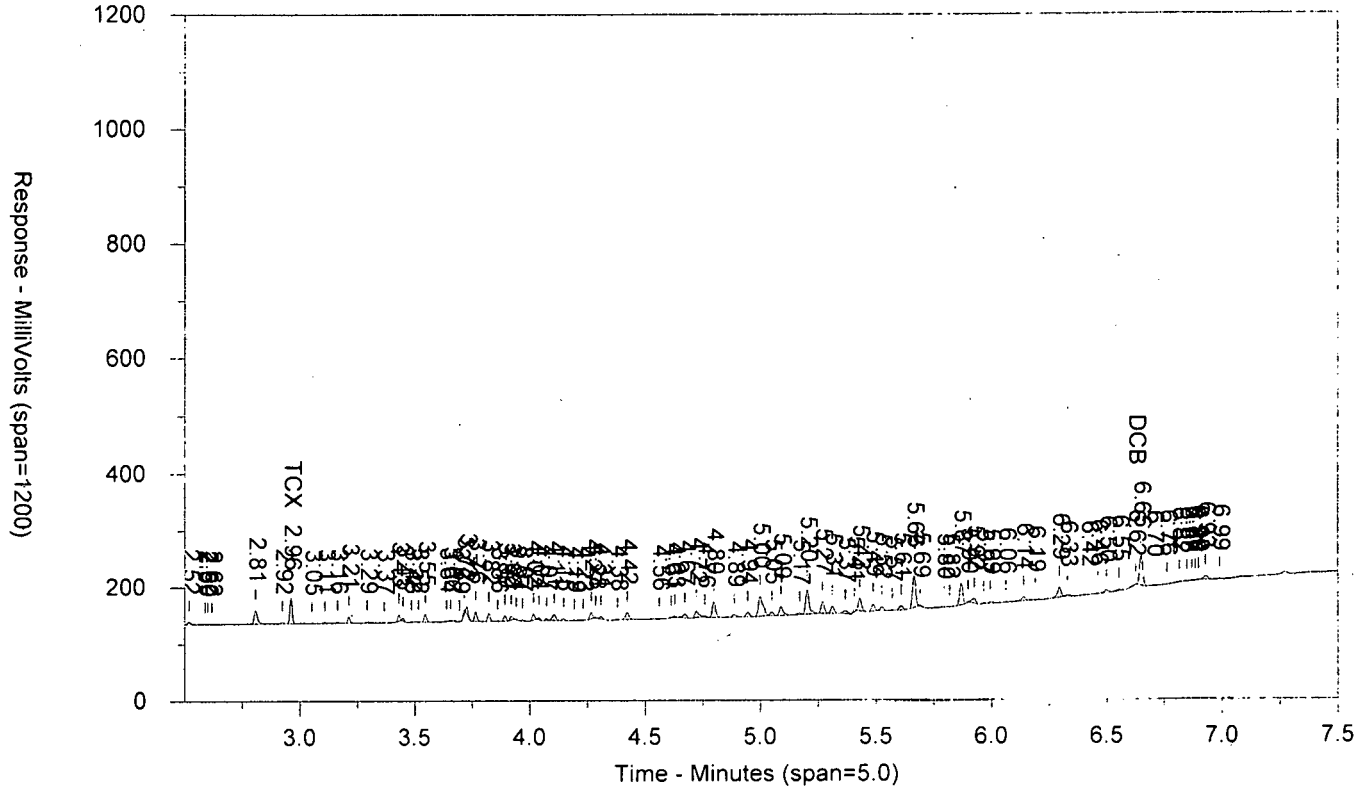

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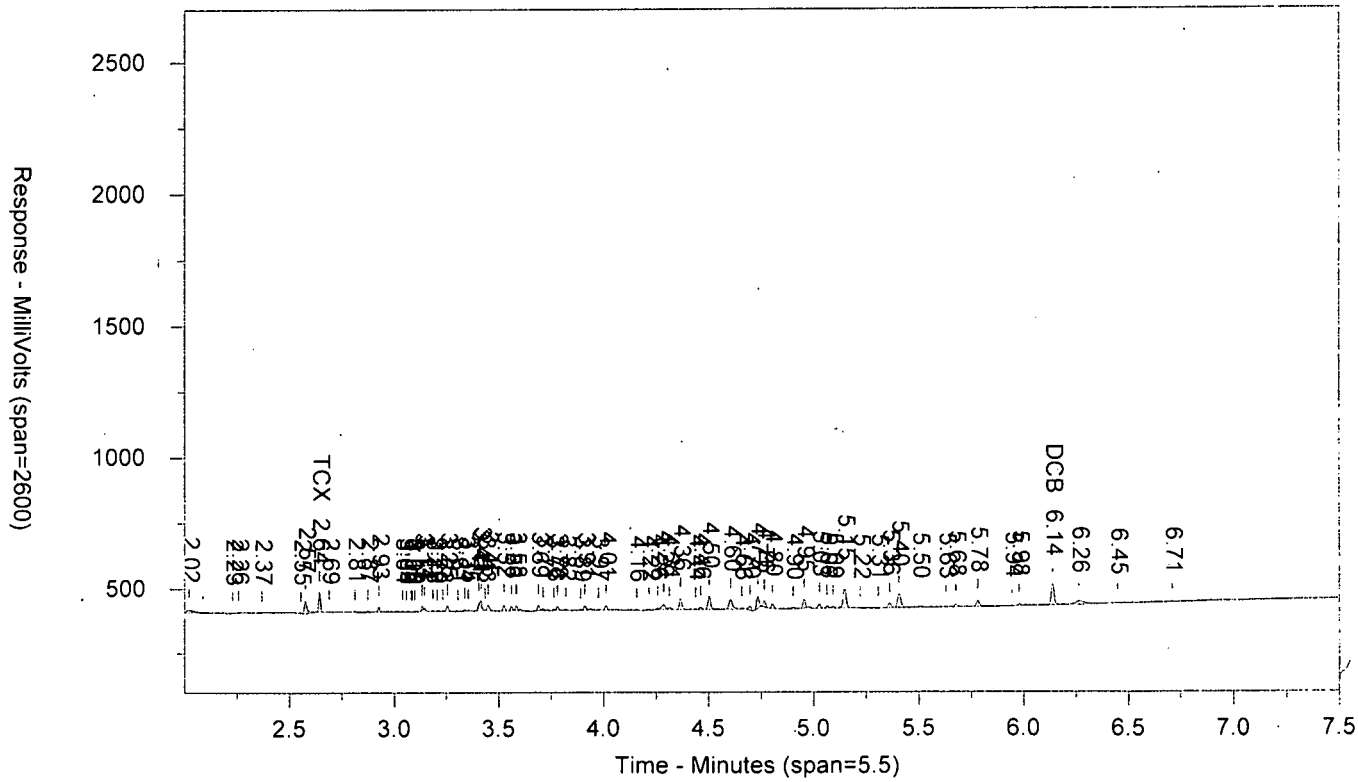

LANCASTER LABORATORIES

Sample Number: MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:29:52 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.961	45455	.4	TCX	2.642	77555	.434	TCX
6.625	1772	.017	DCB	6.137	79940	.529	DCB

Files:
Area File: 25pcbs17257002.031.RAW
Area File: 25pcbs17257002B.031.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 9:38:22 PM
File Reported On: 9/14/2017 at 9:38:34 PM

MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082

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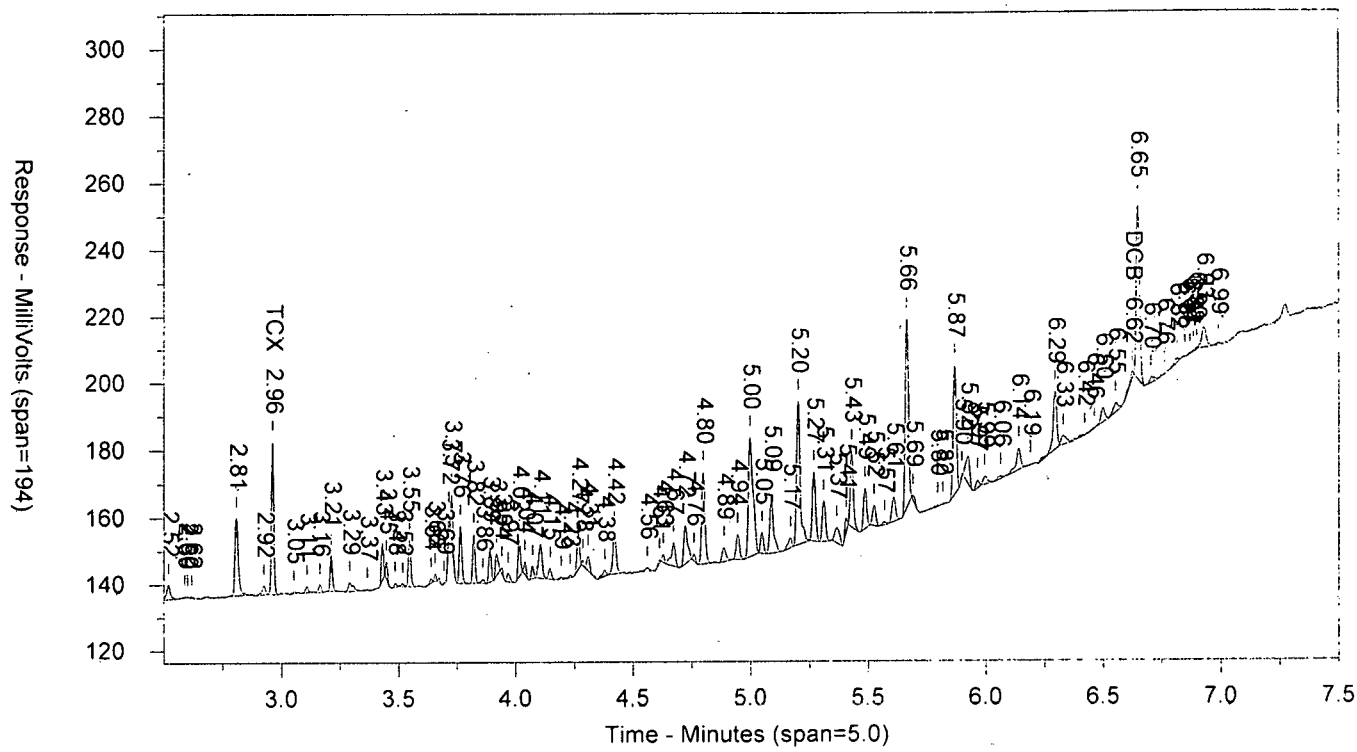

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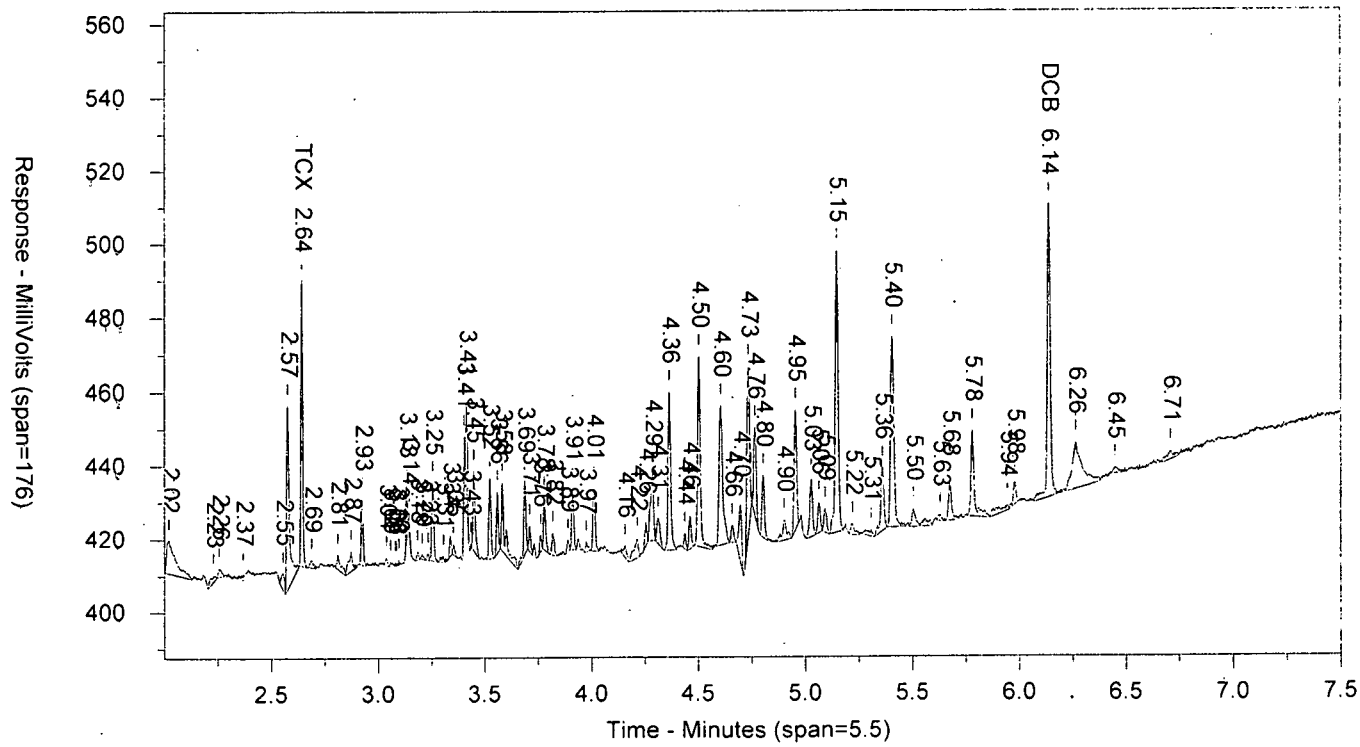

MD16X1724B AAMD16XAA ICAL 1725699999 10736 SW-846 8082

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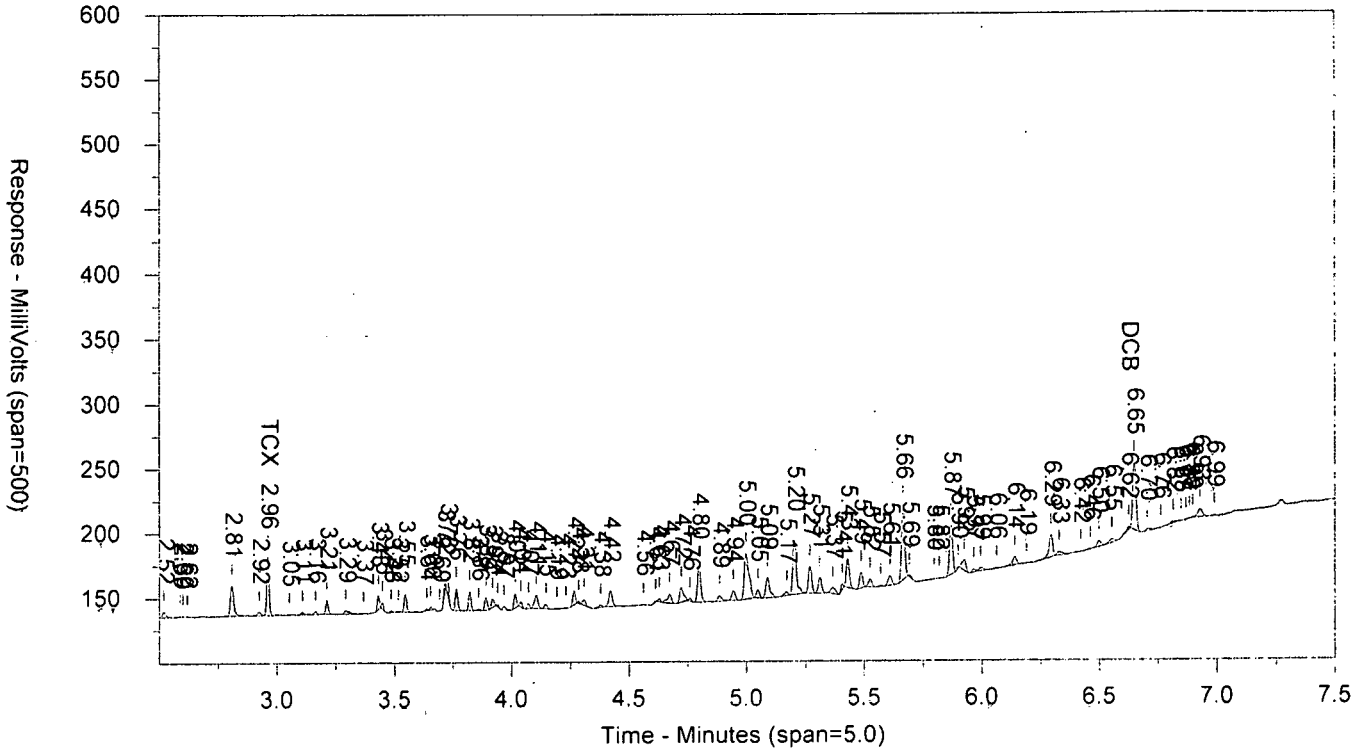

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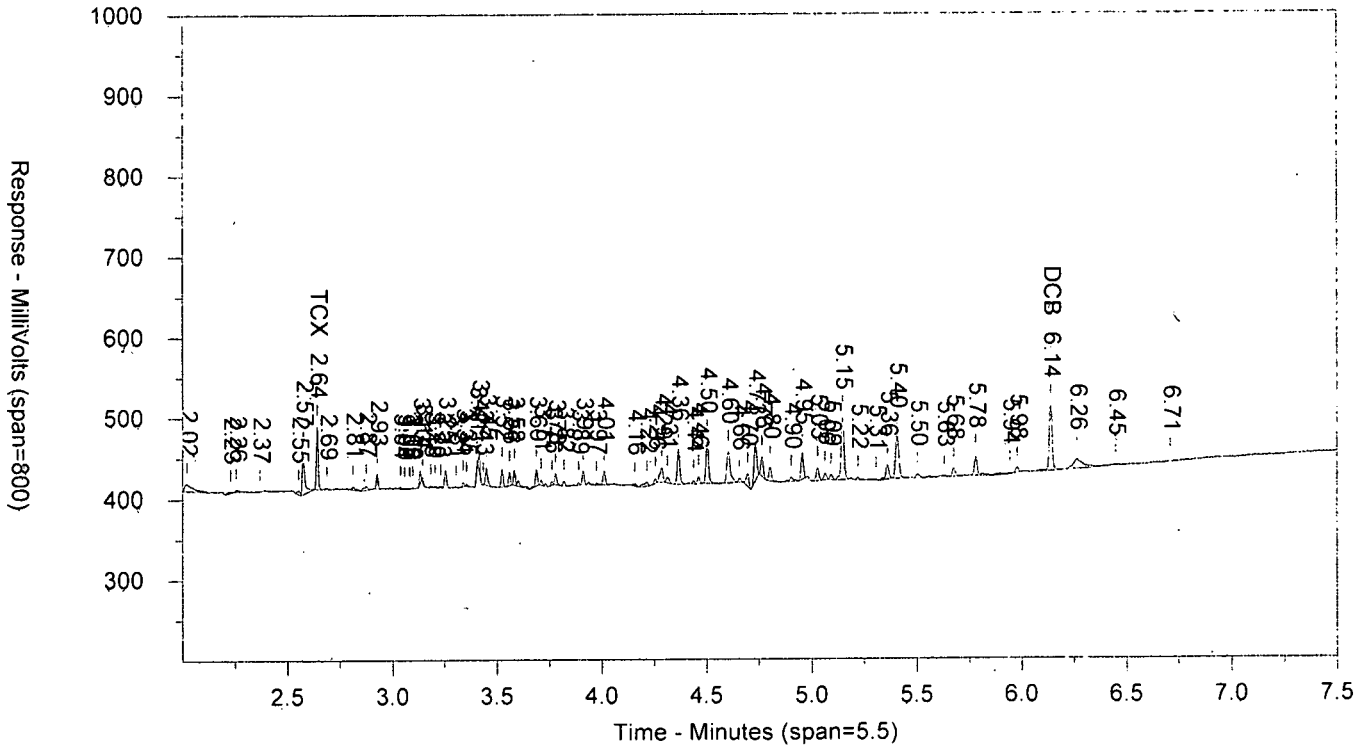


LANCASTER LABORATORIES

Sample Number: IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:41:08 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.032.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.031		505	275
2.063		7700	9180
2.109		4339	11911
2.259		22800	16442
2.358		14509	15597
2.394		1411	2118
2.517		5418	6451
2.571		340	188
2.596		4359	3215
2.682		801	887
2.744		369	167
2.762		436	276
2.807		8965	8147
2.871		1228	937
2.923		3323	2639
2.959	TCX	4794581	3205738
3.057		741	551
3.105		57814	50523
3.161		105873	93925
3.21		369893	270935
3.288		7649	3649
3.303		42470	27064
3.347		1031	696
3.426		383049	234157
3.443		174986	95111
3.48		47307	26714
3.496		4493	1651
3.507		24695	13088
3.541		479852	375944
3.578		2288	1217
3.596		2585	1495
3.617		15362	10123
3.651		107519	63008
3.666		53055	26462
3.71		208475	109984
3.721		529279	287191
3.758		590507	462716
3.816		524151	409726
3.857		39807	28462
3.886		335702	252184
3.913		227801	195088
3.935		66135	36631
4.01		376169	278154
4.034		124841	83890
4.066		139927	100059
4.099		326612	334389
4.139		98456	79541
4.186		9428	8235
4.225		12192	8608
4.26		327462	344919
4.302		60161	46074
4.372		51079	45208
4.416		359939	364534
4.45		6388	4056

RT A	Compound A	Height A	Area A
4.512		2996	2344
4.554		30023	30233
4.606		31554	21601
4.622		101046	75908
4.667		226700	215543
4.716		389410	441234
4.753		79590	57888
4.792		864555	869953
4.836		3158	2186
4.879		133874	142572
4.914		14393	9780
4.939		169001	161825
4.991		1089271	1419611
5.043		209552	199427
5.082		525926	612533
5.161		112605	133020
5.195		1342865	1448662
5.236		10265	3789
5.262		649155	630669
5.304		414408	407537
5.363		3224	3807
5.399		156658	126173
5.423		706185	660157
5.48		390416	368305
5.518		207914	216754
5.56		52239	52861
5.602		251999	283953
5.658		1985438	2119364
5.747		582	482
5.808		1044	1323
5.862		1221505	1148764
5.893		62015	37924
5.917		245432	273357
5.993		4477	6298
6.054		74282	76954
6.133		231565	344670
6.22		435	606
6.232		564	186
6.288		515970	539215
6.334		34851	33445
6.401		192	791
6.421		1045	831
6.448		611	187
6.491		209521	229054
6.546		3536	4664
6.641	DCB	4169934	4431936
6.744		679	233
6.758		461	227
6.778		435	438
6.81		2548	3650
6.839		542	425
6.872		401	694
6.921		6081	8186
6.976		710	267

LANCASTER LABORATORIES

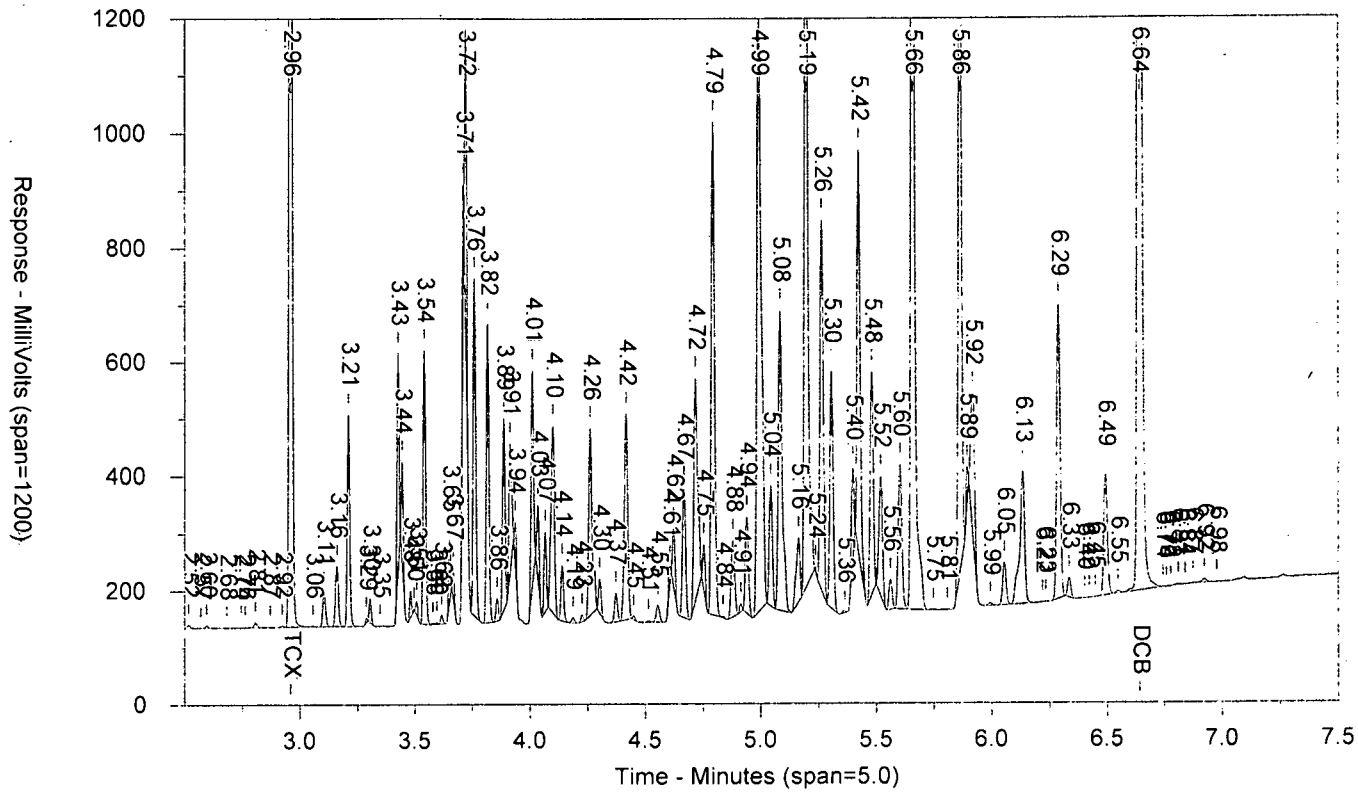
Sample Number: IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:41:08 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 25pcbs17257002B.032.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.015		7427	14625
2.082		16156	11279
2.23		2356	4980
2.327		7073	4896
2.52		3419	5005
2.576		19791	17345
2.6		1581	1020
2.642	TCX	7503723	4280051
2.685		54183	38494
2.812		111674	76797
2.859		69765	32563
2.873		98528	48609
2.925		585561	357838
2.975		19493	12468
3.036		82282	52390
3.083		785	221
3.099		622	120
3.112		1141	373
3.131		472574	240758
3.143		168405	67894
3.183		93505	56810
3.204		42025	23165
3.23		63438	35413
3.254		694865	475513
3.29		26571	15653
3.318		4033	1514
3.337		188689	101285
3.352		106805	51646
3.379		1775	774
3.403		430096	193024
3.412		777936	329607
3.432		27345	9611
3.446		700154	501595
3.521		778389	503640
3.555		520143	330350
3.579		615026	489825
3.684		644399	440730
3.707		247550	136072
3.727		208976	130429
3.757		133264	70256
3.774		404146	256665
3.815		149922	107368
3.863		16523	14640
3.885		63717	38143
3.906		471482	338565
3.933		72815	49186
3.971		77632	50198
4.005		516877	388306
4.055		44722	64554
4.117		3005	1775
4.151		37294	38972
4.185		7006	4328
4.208		131048	90090
4.251		159382	99662

RT B	Compound B	Height B	Area B
4.282		528658	521422
4.308		221382	230022
4.359		1296381	1041000
4.407		21004	14107
4.431		90720	62695
4.454		283329	207887
4.497		1573595	1263260
4.6		1280002	1265164
4.653		156249	132021
4.691		368576	320146
4.727		1451477	1262476
4.759		740378	548069
4.797		553530	442701
4.897		188544	209183
4.948		1005685	837073
4.973		102931	70212
5.022		527988	508901
5.058		263568	213685
5.087		200264	177364
5.141		2509878	2408944
5.182		52474	38477
5.214		112030	92977
5.331		24746	16341
5.355		509814	444120
5.399		1677627	1868271
5.553		104239	91999
5.599		42883	29874
5.621		64244	48114
5.671		317519	292905
5.776		686418	608561
5.808		41621	29920
5.931		1978	1459
5.974		287434	283472
6.094		1660	1345
6.133	DCB	6016115	5439411
6.259		8583	16093
6.585		5593	5167
6.758		2114	7695
6.894		1388	1883

IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25pcbs17257002.032.RAW



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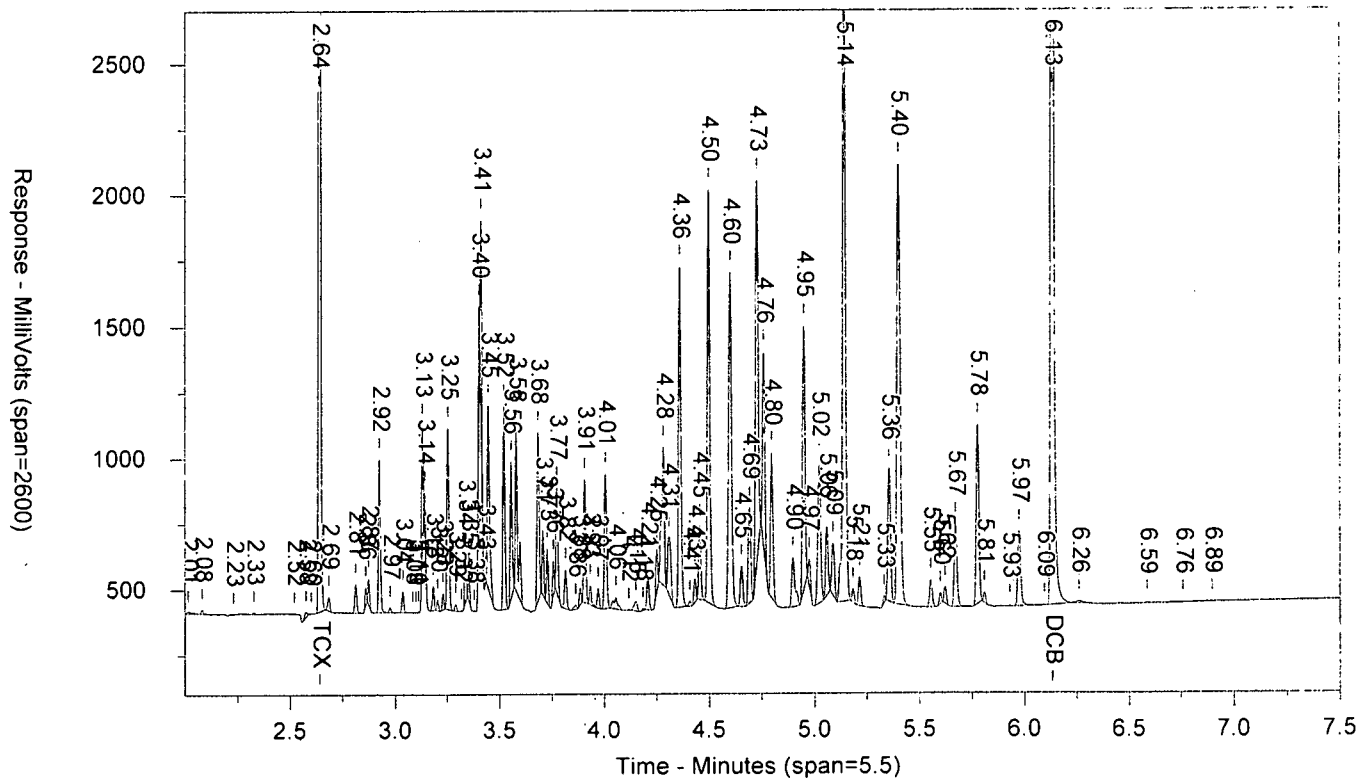

LANCASTER LABORATORIES

Sample Number: IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:41:08 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.959	4794581	42.181	TCX	2.642	7503723	41.98	TCX
6.641	4169934	39.159	DCB	6.133	6016115	39.843	DCB

Files:
Area File: 25pcbs17257002.032.RAW
Area File: 25pcbs17257002B.032.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 9:49:41 PM
File Reported On: 9/14/2017 at 9:49:48 PM

IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082

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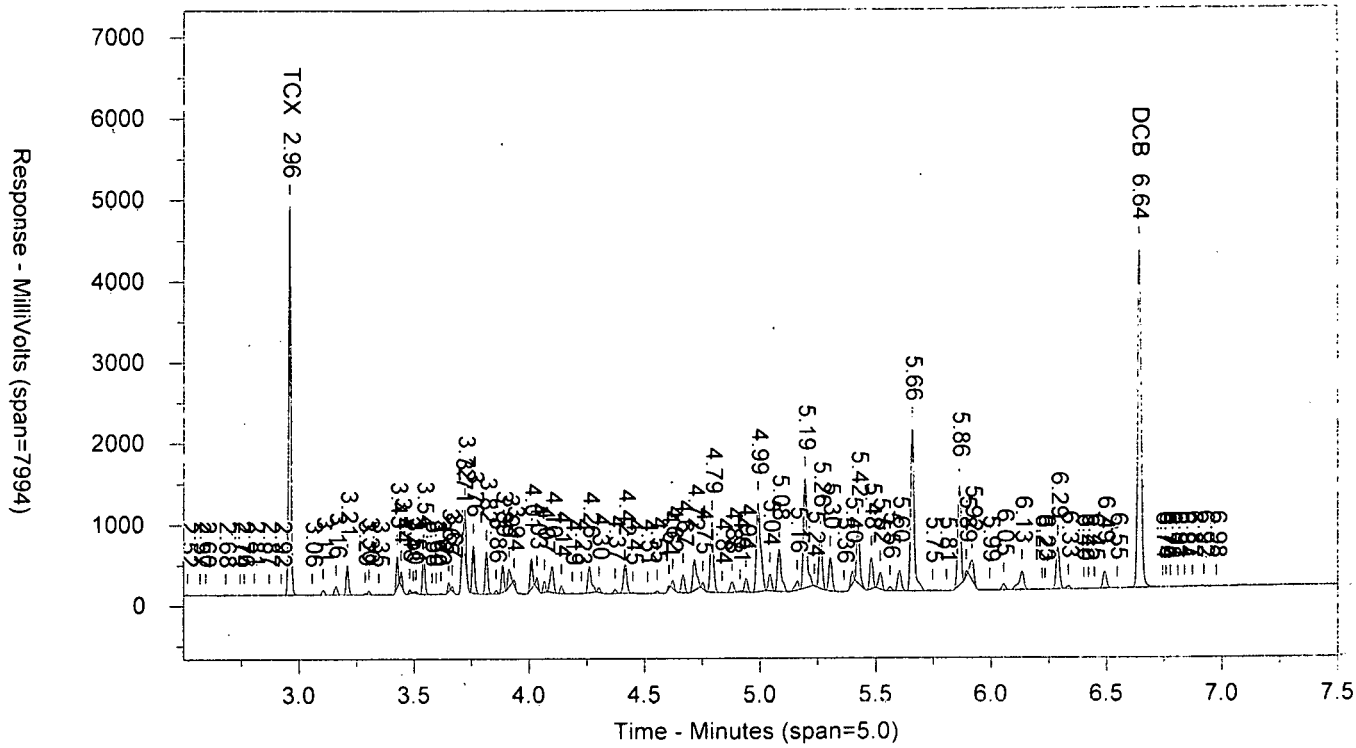

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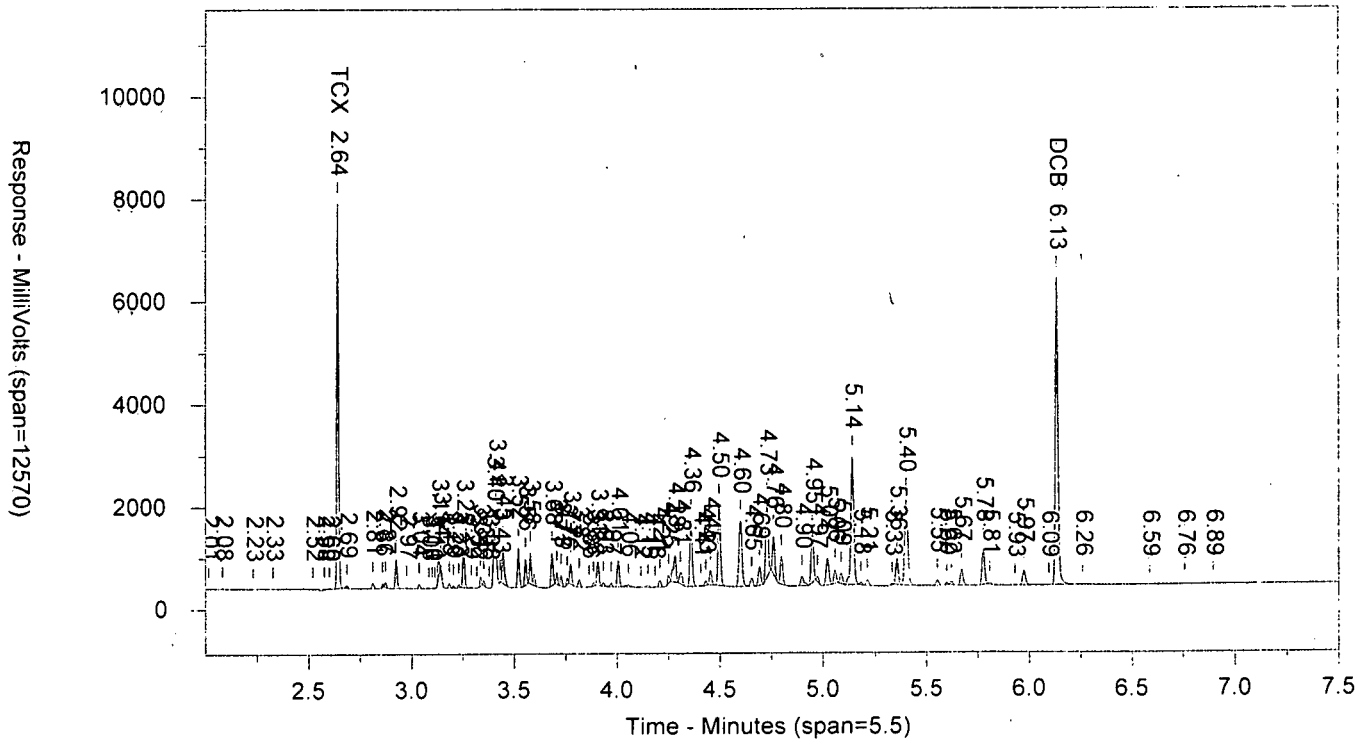

IC16X1724C AAIC16XAA CCAL 1725699999 10736 SW-846 8082

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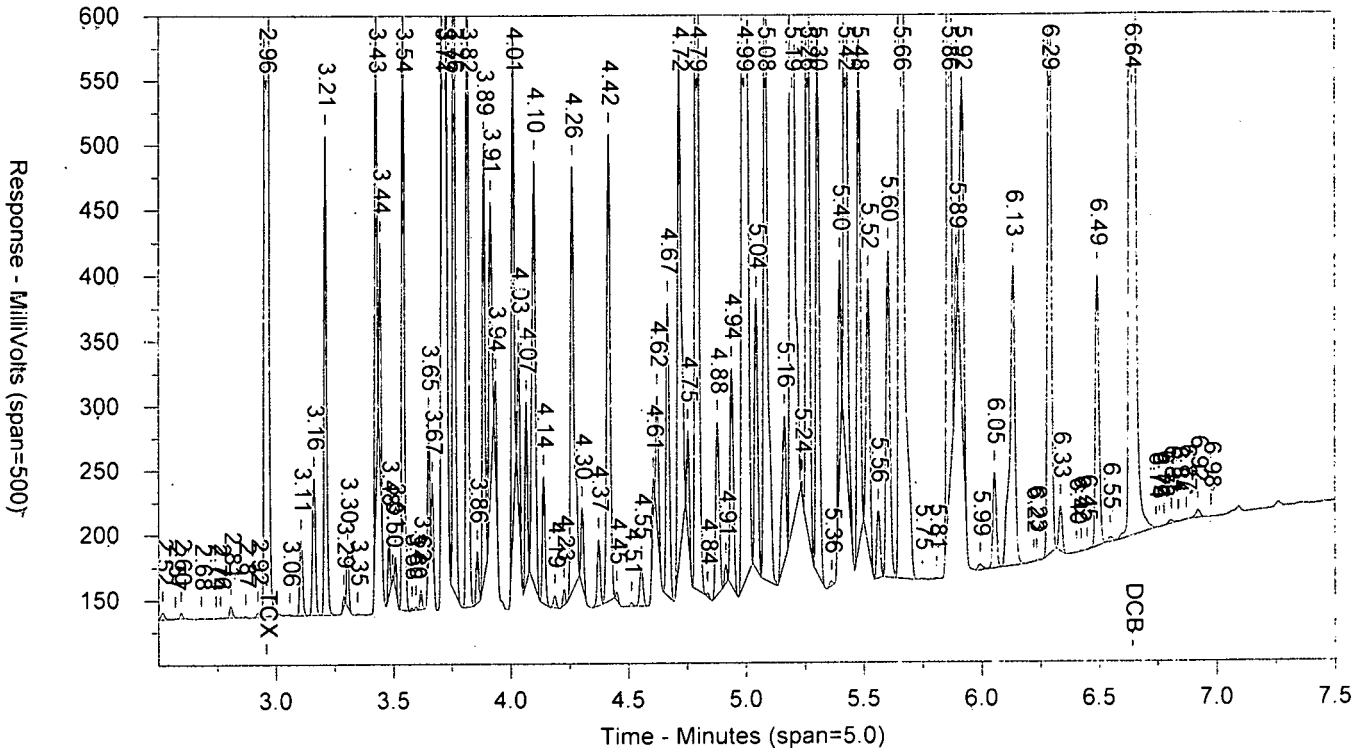

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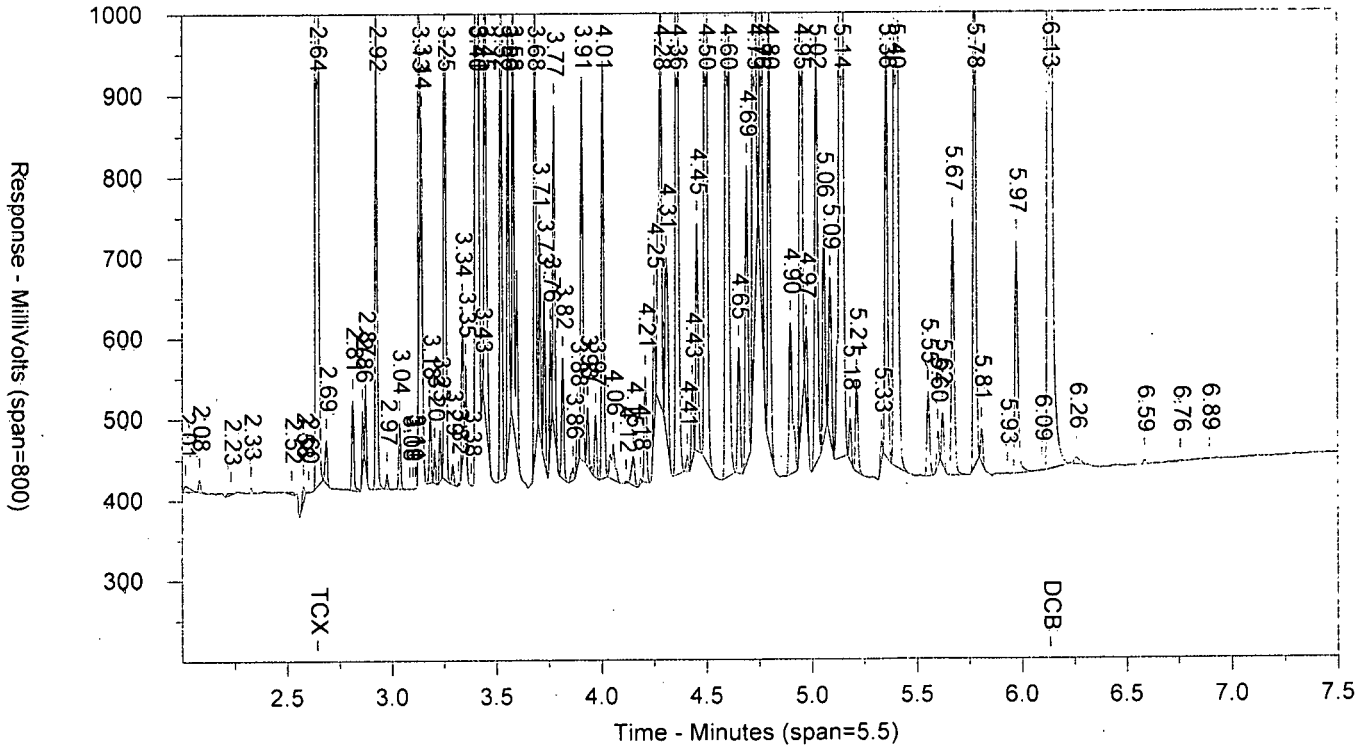

LANCASTER LABORATORIES

Sample Number: IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:52:26 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.033.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		7513	8878
2.109		5224	12117
2.26		21617	15929
2.338		316	365
2.359		11472	12844
2.394		1113	1502
2.518		5540	6352
2.682		618	656
2.783		377	671
2.806		24380	24738
2.871		497	451
2.923		3526	2679
2.96	TCX	4588394	3061657
3.107		7061	6562
3.157		60117	43353
3.21		47504	34823
3.288		10479	5719
3.304		8682	4873
3.36		400	271
3.39		342	250
3.426		179931	112772
3.443		48688	24500
3.48		13076	7922
3.507		1713	794
3.542		179594	139963
3.58		664	351
3.599		1527	817
3.617		2097	1209
3.633		793	289
3.652		34489	20402
3.666		7302	3769
3.71		179790	92397
3.72		179668	91638
3.758		227259	185508
3.816		272471	216924
3.858		39518	27974
3.885		457245	343871
3.913		284311	227420
3.935		87089	48569
4.01		545430	396120
4.033		149107	99323
4.065		191843	142111
4.098		454175	451749
4.139		162555	135607
4.187		18080	16195
4.225		54556	43015
4.259		377665	259160
4.278		503253	316218
4.302		570342	449425
4.373		50011	46788
4.408		367830	329317
4.427		118851	63404
4.45		128142	89942
4.49		8000	5172

RT A	Compound A	Height A	Area A
4.512		30104	23980
4.555		172225	161888
4.606		239314	216999
4.636		135987	108417
4.666		399858	372209
4.716		3596	2508
4.75		163604	164067
4.793		30969	40374
4.839		45044	40792
4.88		307735	298343
4.914		12012	8908
4.959		27219	34515
4.993		9308	7927
5.005		16723	11681
5.044		1406	789
5.077		316071	329034
5.126		7580	5374
5.155		16618	19224
5.197		77079	70728
5.218		2564	1221
5.236		5095	3109
5.264		2834	2112
5.307		1622	1758
5.359		5718	8024
5.402		29305	25126
5.423		3605	2437
5.48		2153	2003
5.515		2094	2376
5.56		19444	19416
5.599		16966	15159
5.624		2654	1940
5.659		7116	5130
5.683		22344	21010
5.801		336	1021
5.864		10267	9898
5.895		674	449
5.921		1837	1986
5.953		801	686
5.99		5544	7763
6.055		39320	37861
6.119		38814	52470
6.194		531	189
6.28		4963	8411
6.324		2947	2904
6.378		368	453
6.424		1108	785
6.464		684	622
6.492		45514	47419
6.547		4024	5481
6.641	DCB	3901120	4237362
6.768		528	363
6.804		3415	4903
6.867		614	625
6.918		5448	7943
6.98		659	340

LANCASTER LABORATORIES

Sample Number: IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:52:26 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.033.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.016		10169	19041
2.083		14339	9559
2.173		2621	5012
2.216		2272	1471
2.236		1410	898
2.263		2407	3667
2.391		1806	1735
2.552		4135	4000
2.575		54430	47346
2.642	TCX	7172600	4113565
2.813		13591	12883
2.86		95645	67625
2.925		80183	50242
2.975		18247	10270
3.037		21212	13248
3.065		767	136
3.07		932	201
3.079		531	205
3.099		425	161
3.111		371	85
3.132		243777	125188
3.142		33654	11612
3.183		24761	14354
3.204		5292	3353
3.23		7050	3587
3.253		264028	180076
3.291		4883	3359
3.318		2667	1258
3.337		60943	33040
3.352		17495	8061
3.402		287621	138490
3.412		298877	121367
3.432		61962	24739
3.446		264055	165522
3.521		415726	270679
3.556		726028	445042
3.579		688290	574377
3.683		923666	822510
3.727		300890	180778
3.756		133603	68116
3.773		620450	400592
3.814		255471	182325
3.863		49338	41453
3.884		497984	317025
3.907		1098657	748115
3.932		834219	622149
3.97		63683	35860
4.005		359495	267051
4.041		609395	525163
4.07		334623	207944
4.116		50214	34764
4.151		228209	187763
4.185		5128	2904
4.208		369506	304031

RT B	Compound B	Height B	Area B
4.241		225151	163518
4.269		574776	454366
4.362		243600	250876
4.399		62951	48495
4.432		411746	346746
4.472		16601	10329
4.497		40950	28094
4.524		33790	27364
4.597		61737	65676
4.65		402546	360145
4.69		18550	23581
4.728		100951	105810
4.775		13890	9597
4.915		5392	4924
4.949		4798	3510
4.974		44071	37336
5.058		2895	2951
5.095		24289	19898
5.122		18622	12367
5.141		8162	5002
5.215		26231	26392
5.355		6667	10534
5.399		13563	16519
5.554		52635	54015
5.622		50963	51136
5.671		19766	19256
5.78		3309	2867
5.908		1105	3603
5.93		2008	1720
5.975		63946	55684
6.095		1483	1399
6.133	DCB	5520264	5214592
6.256		7581	15692
6.444		2038	4594
6.587		6329	7717
6.71		1830	3797
6.895		1739	6076

IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082

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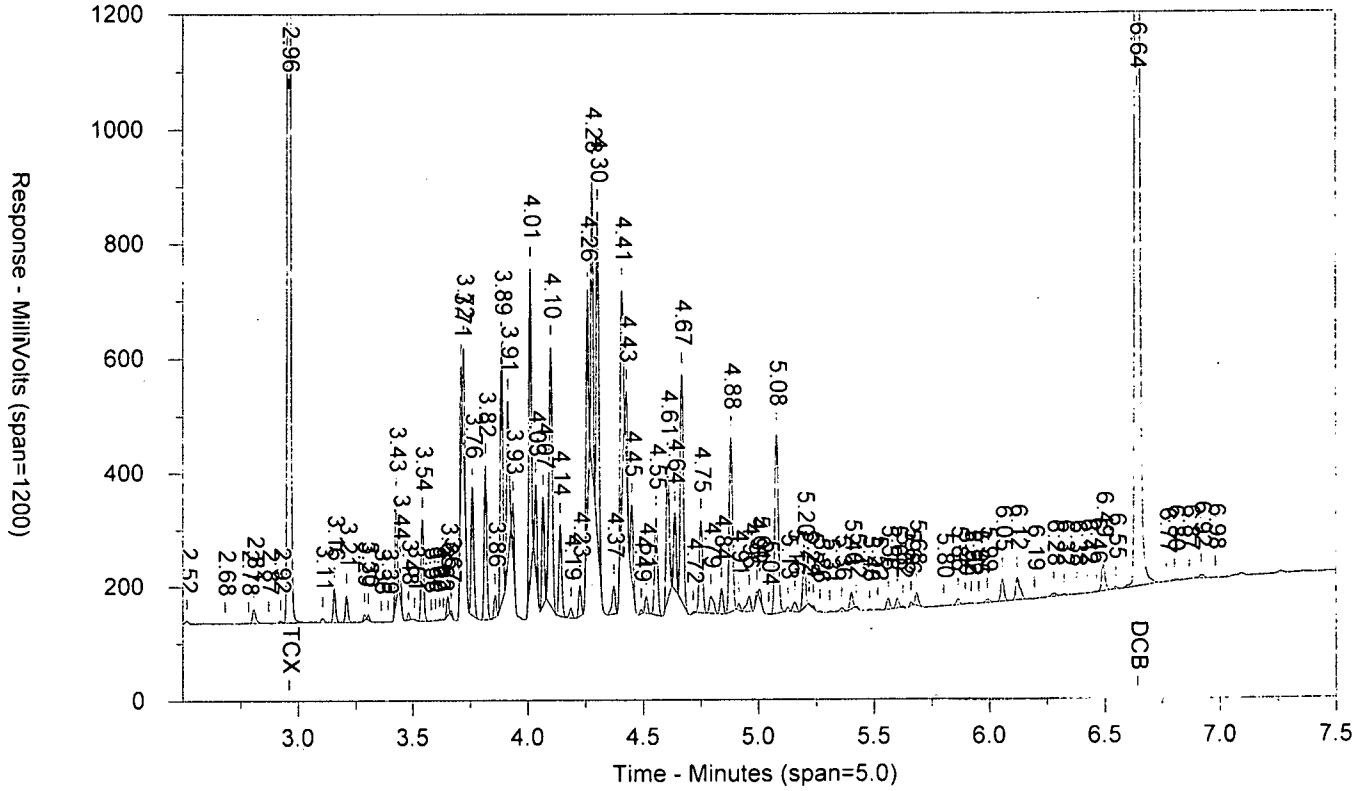

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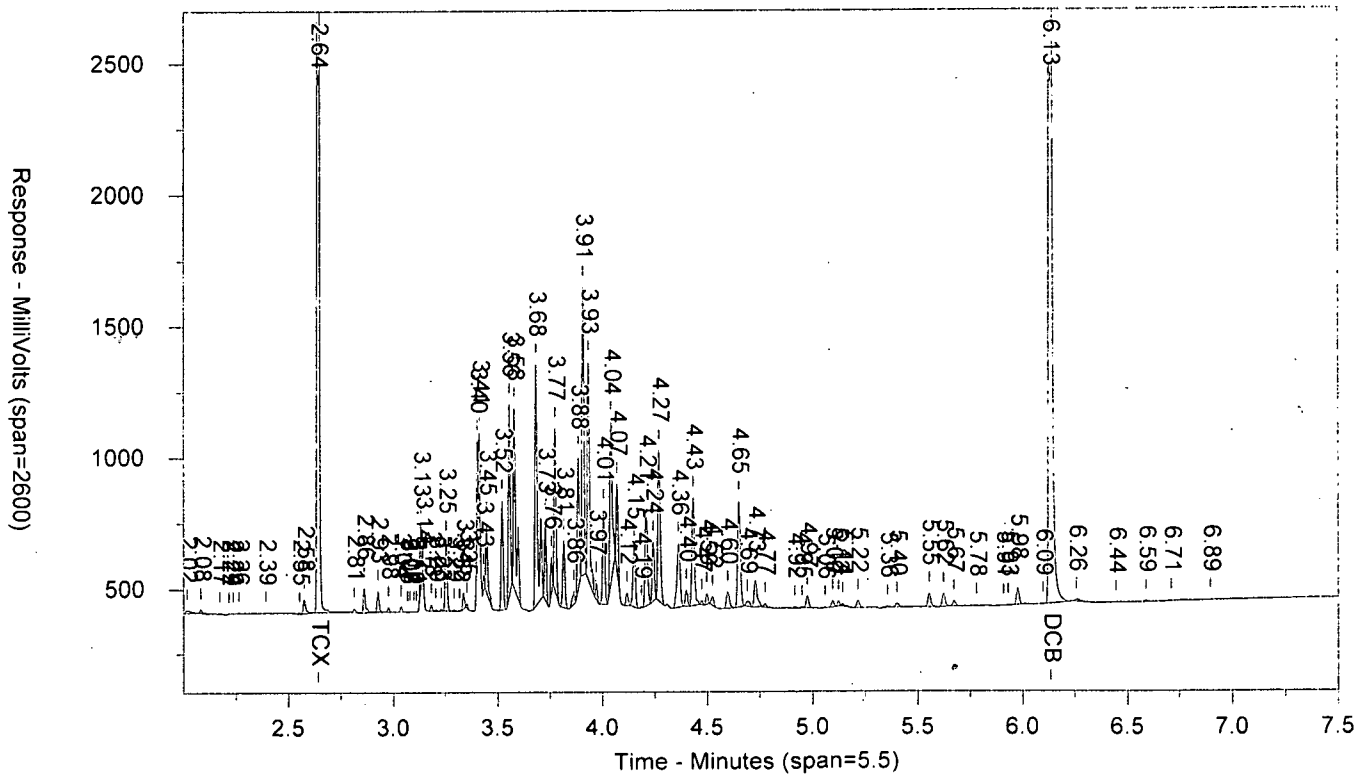

LANCASTER LABORATORIES

Sample Number: IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 9:52:26 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	4588394	40.367	TCX	2.642	7172600	40.127	TCX
6.641	3901120	36.635	DCB	6.133	5520264	36.559	DCB

Files:
Area File: 25pcbs17257002.033.RAW
Area File: 25pcbs17257002B.033.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 10:00:58 PM
File Reported On: 9/14/2017 at 10:01:12 PM

IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082

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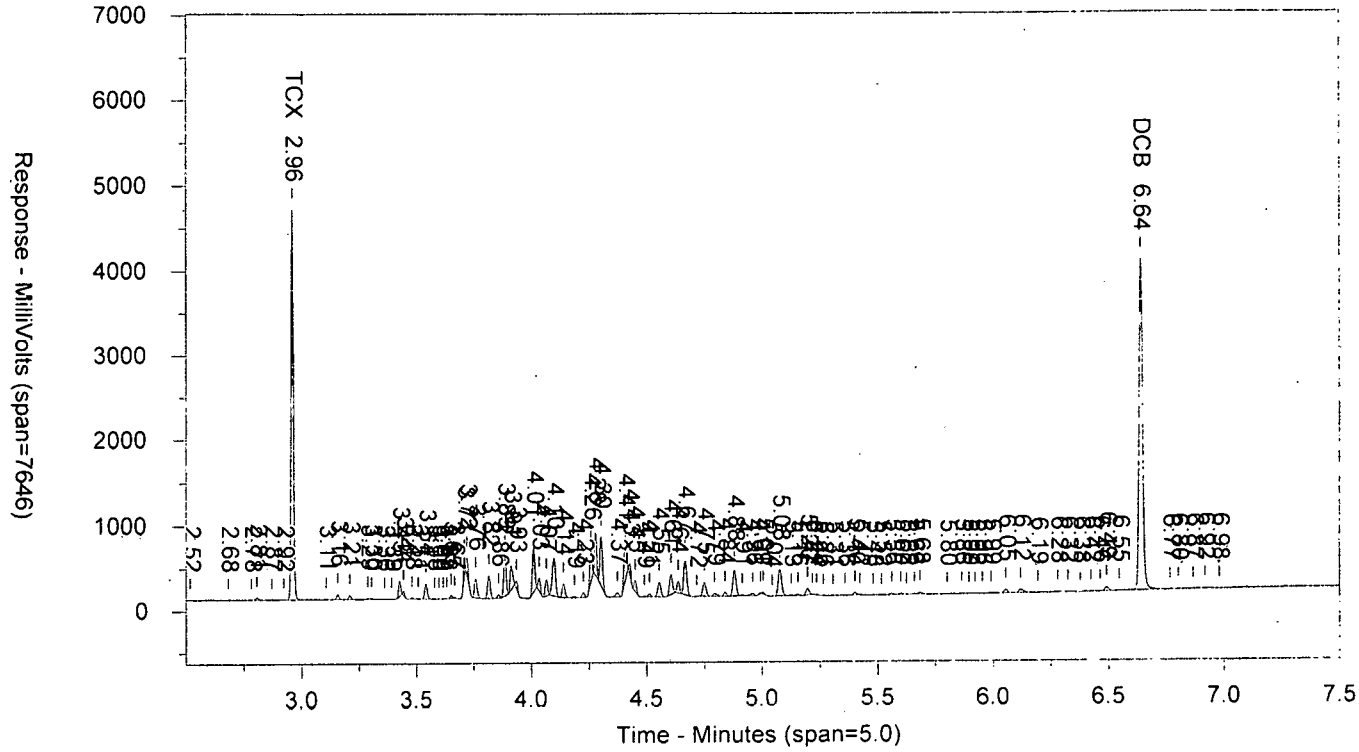

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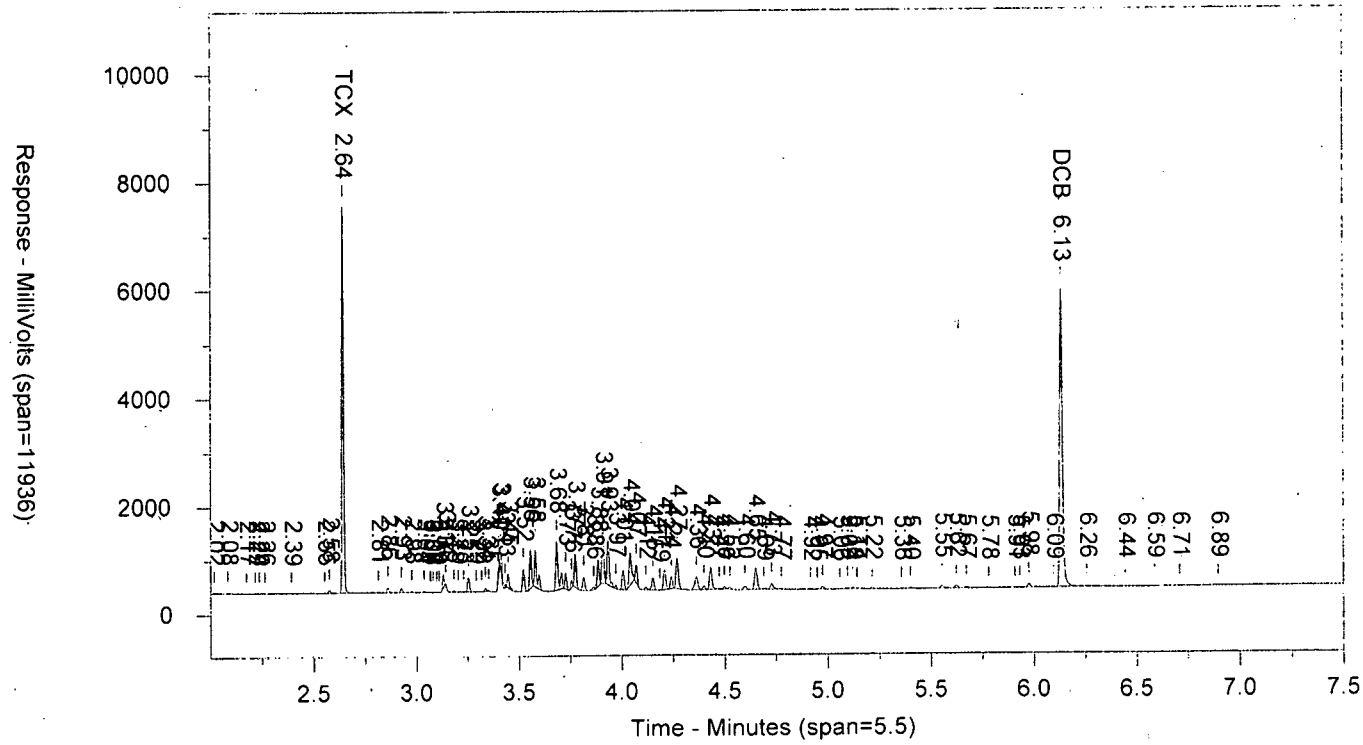

IC48X1724B AAIC48XAA CCAL 1725699999 10736 SW-846 8082

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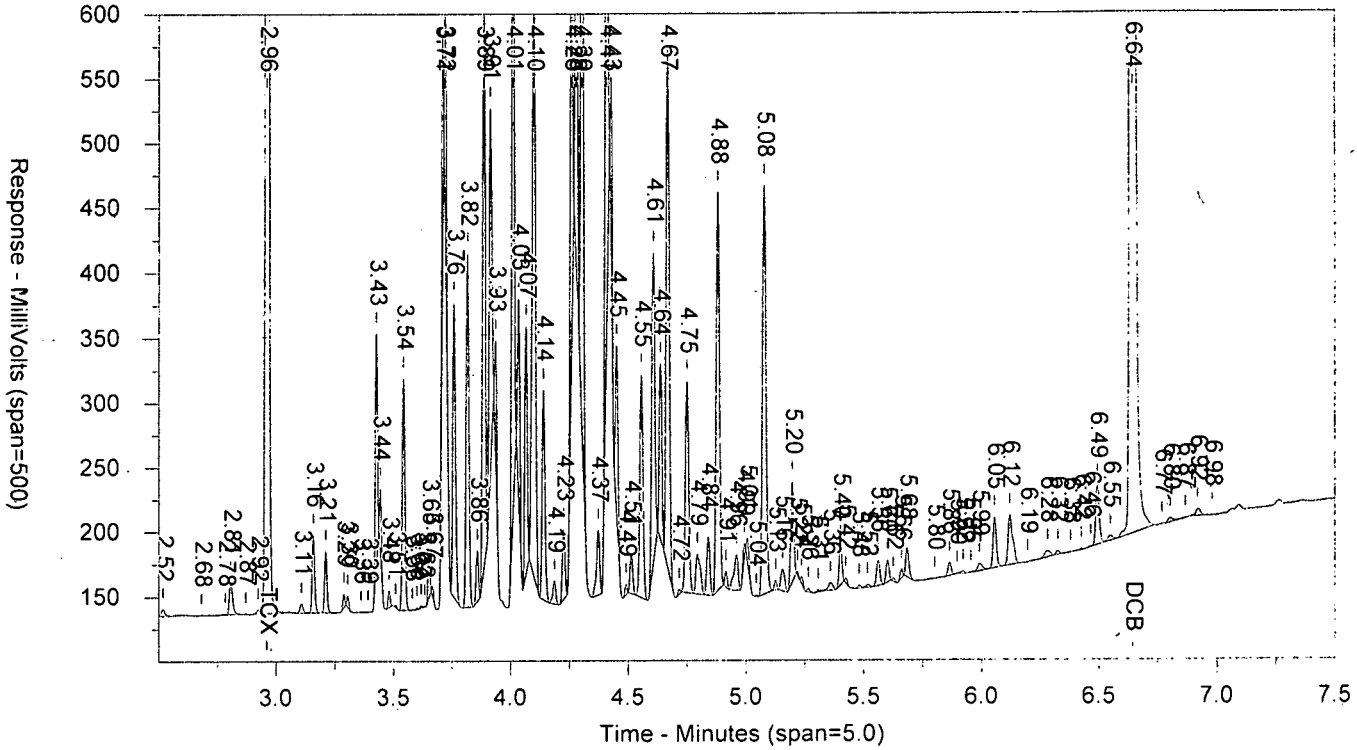

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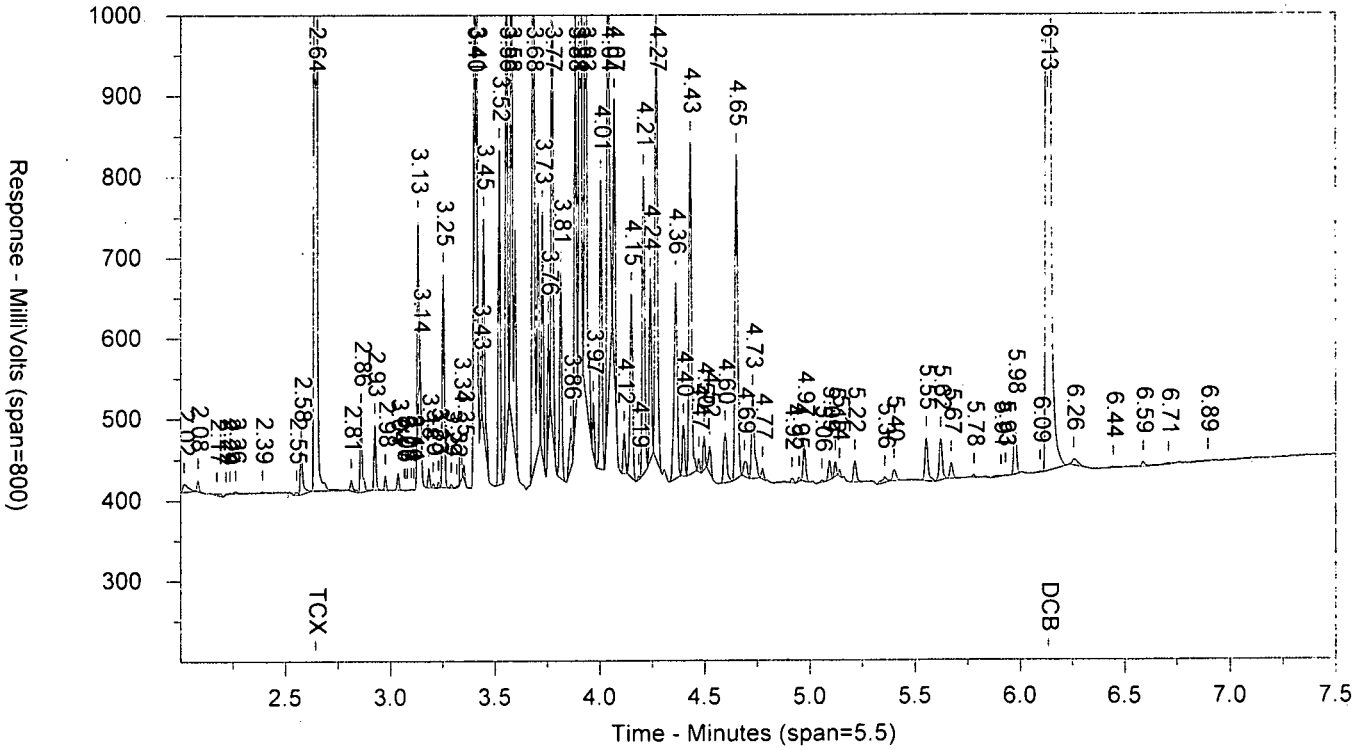

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 10:03:47 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25pcbs17257002.034.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6771	8250
2.11		4937	14118
2.26		10795	7716
2.358		16974	14248
2.397		1536	1506
2.468		424	431
2.518		4749	5768
2.566		420	202
2.614		505	404
2.678		553	676
2.741		355	137
2.806		19577	19505
2.922		3208	3012
2.96	TCX	2216595	1518639
3.108		2174	2069
3.156		29791	20991
3.21		9021	6834
3.288		8172	7386
3.364		460	378
3.426		10958	6833
3.442		3960	2211
3.48		1006	409
3.496		1593	1370
3.54		14163	11622
3.597		1148	618
3.618		2376	1374
3.651		1858	965
3.665		1163	594
3.709		12890	7049
3.72		6348	5598
3.759		21664	17699
3.815		16180	12647
3.855		2111	1493
3.885		451181	346243
3.912		110918	81051
3.934		9051	4615
3.961		3151	2317
4.009		290414	229745
4.033		13905	7779
4.065		26147	19457
4.098		132863	113405
4.138		25015	21283
4.174		3447	3860
4.224		25202	19812
4.259		621525	450164
4.277		203675	120206
4.303		201907	163803
4.372		208300	181651
4.414		1069814	1182988
4.449		414460	348424
4.489		14422	9417
4.511		77343	60982
4.553		399369	378235
4.603		763520	696394

RT A	Compound A	Height A	Area A
4.635		176090	118906
4.665		1545446	1401014
4.715		66042	48199
4.729		13638	5569
4.749		195580	154885
4.79		476965	517138
4.837		109593	99891
4.878		1118914	1097073
4.909		15989	9948
4.938		122603	151475
4.989		605310	1008811
5.041		11769	8285
5.077		866870	927062
5.123		98309	77460
5.149		82795	125517
5.195		1213684	1285458
5.234		37006	22702
5.261		39560	30397
5.304		48199	58816
5.373		2600	4872
5.399		349259	309652
5.423		71256	52814
5.453		1715	838
5.48		50911	44926
5.518		42679	41176
5.558		16190	14184
5.597		251994	231613
5.623		33170	22167
5.657		184860	174440
5.683		4690	6333
5.757		1338	1530
5.861		169439	162036
5.891		23807	21777
5.99		7106	11018
6.053		19186	19924
6.116		21876	39676
6.284		12643	18174
6.32		2373	2296
6.393		499	656
6.42		740	636
6.463		752	673
6.49		23253	24526
6.545		5692	7661
6.638	DCB	1943123	2181944
6.761		461	124
6.802		4637	7205
6.877		412	781
6.918		6428	8860
6.979		679	655

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 10:03:47 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 2855
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25pcbs17257002B.034.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.019		8584	17465
2.083		6932	5436
2.221		1612	1864
2.263		2177	2582
2.388		3075	9721
2.549		6012	6821
2.575		41910	36663
2.642	TCX	3555711	2044834
2.812		3636	4954
2.859		50551	33868
2.925		14847	9897
2.976		9590	6303
3.06		587	400
3.081		746	142
3.086		868	157
3.097		890	327
3.103		511	83
3.111		795	304
3.132		13395	6182
3.143		5167	1800
3.172		805	104
3.185		1820	911
3.207		5572	6726
3.254		20179	14382
3.291		6277	4080
3.32		1834	985
3.336		4353	2209
3.353		3268	2771
3.402		20109	9670
3.412		12562	4880
3.432		12741	5808
3.446		21453	15665
3.521		26426	17120
3.555		704208	448255
3.579		206195	136390
3.683		470776	337328
3.727		42691	29781
3.756		8332	3761
3.773		180166	117432
3.814		43843	31176
3.853		33435	27442
3.884		142203	85670
3.906		1551808	1085042
3.932		161056	88929
3.95		155173	82790
3.969		279805	178295
4.005		1518069	1072779
4.037		700933	933361
4.115		121104	90134
4.15		579594	443691
4.208		1239286	944414
4.241		332969	259256
4.268		2211915	1695290
4.306		147897	146505

RT B	Compound B	Height B	Area B
4.36		990597	888692
4.398		157210	125337
4.43		1484306	1388225
4.496		856639	802040
4.596		782827	809711
4.649		1072233	893217
4.688		257483	226226
4.727		1543535	1608684
4.774		117071	77435
4.797		48684	31556
4.857		20231	23385
4.914		89958	84368
4.948		80856	56522
4.973		503819	437006
5.022		58209	51583
5.058		56961	45610
5.088		34829	30930
5.12		241468	177137
5.141		152868	121818
5.213		17084	15984
5.355		10104	13133
5.397		232150	248371
5.553		27656	26967
5.6		8025	4807
5.621		24027	18390
5.67		18506	18150
5.777		14268	12244
5.936		1765	9611
5.973		33977	35814
6.08		1688	2025
6.132	DCB	2867029	2653322
6.254		10421	30868
6.438		2476	5266
6.584		3402	5739
6.705		1425	1822
6.923		1556	5607

IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082

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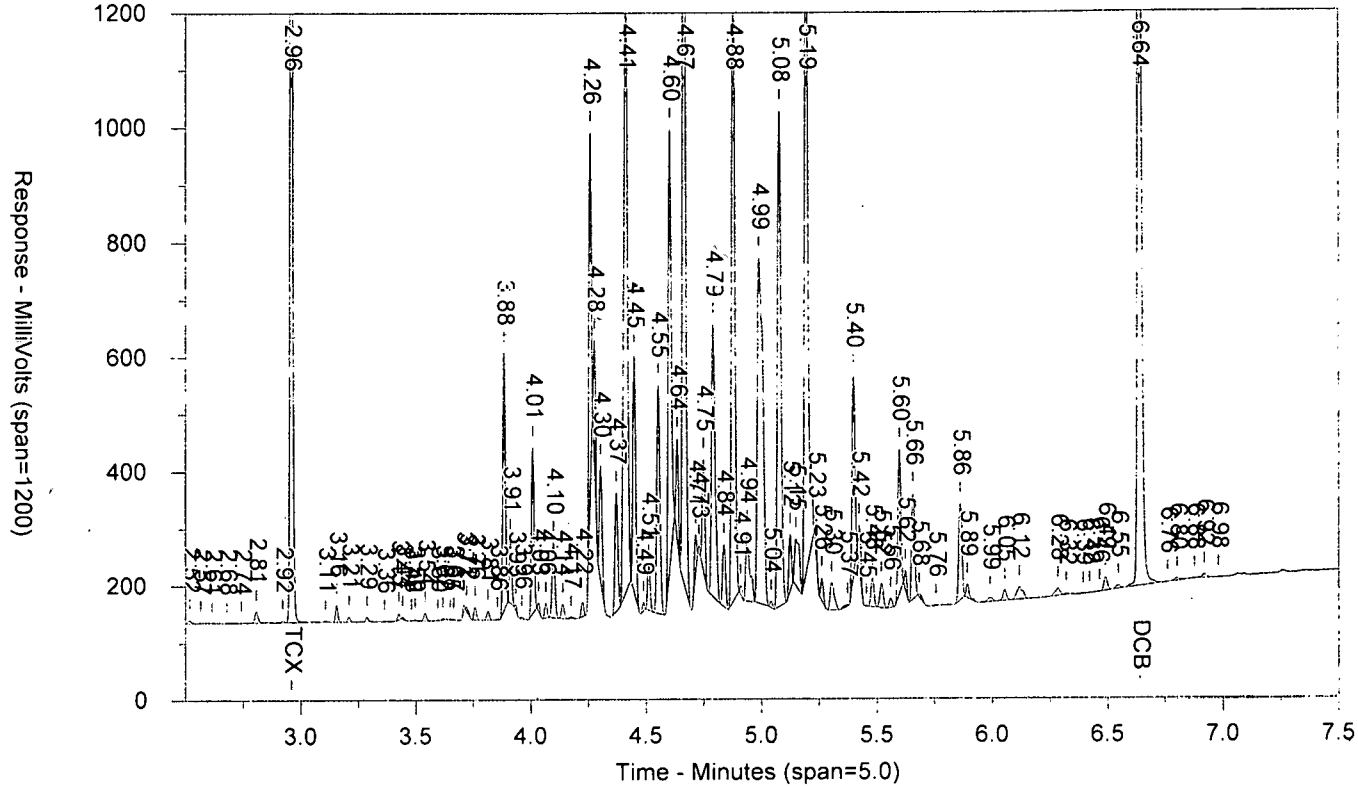

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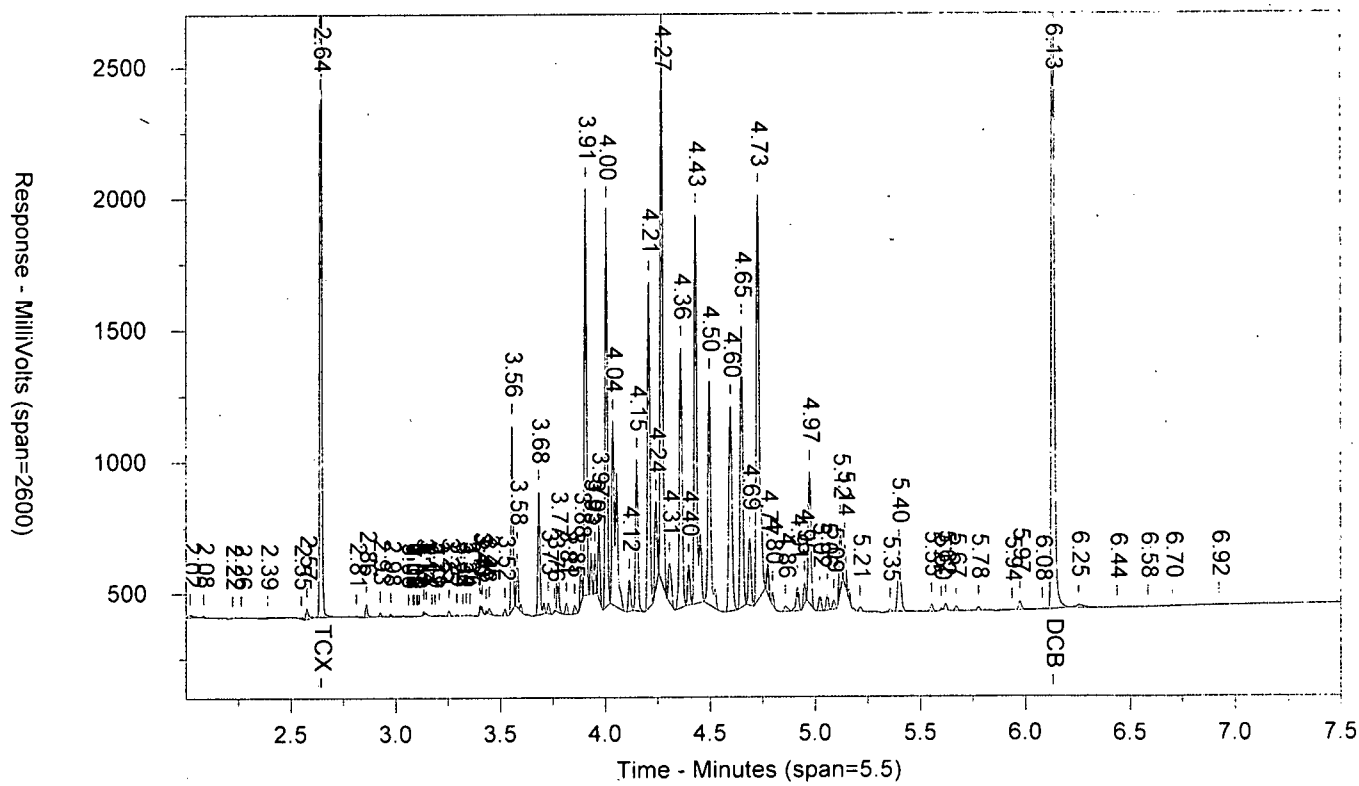

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082
Injected On: 9/14/2017 10:03:47 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
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
2.96	2216595	19.501	TCX	2.642	3555711	19.892	TCX
6.638	1943123	18.247	DCB	6.132	2867029	18.987	DCB

Files:
Area File: 25pcbs17257002.034.RAW
Area File: 25pcbs17257002B.034.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/14/2017 10:12:18 PM
File Reported On: 9/14/2017 at 10:12:35 PM

IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082

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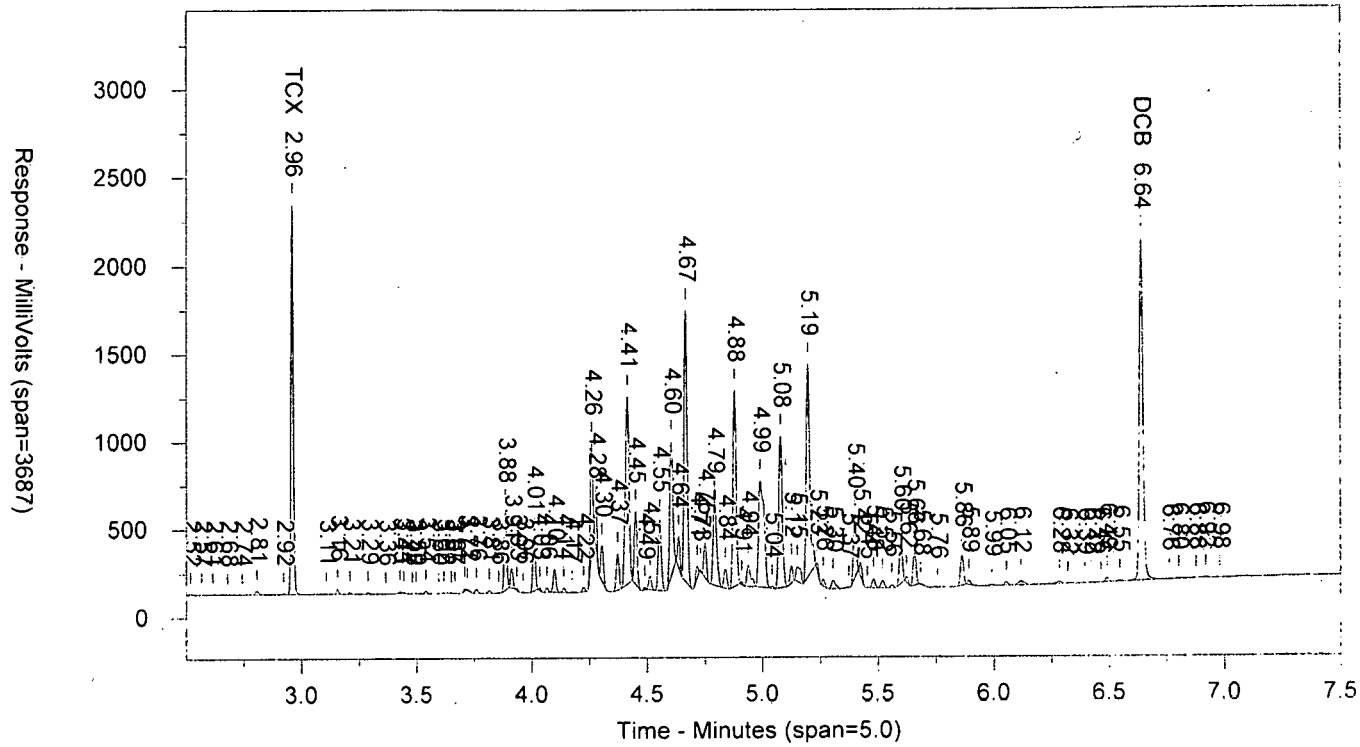

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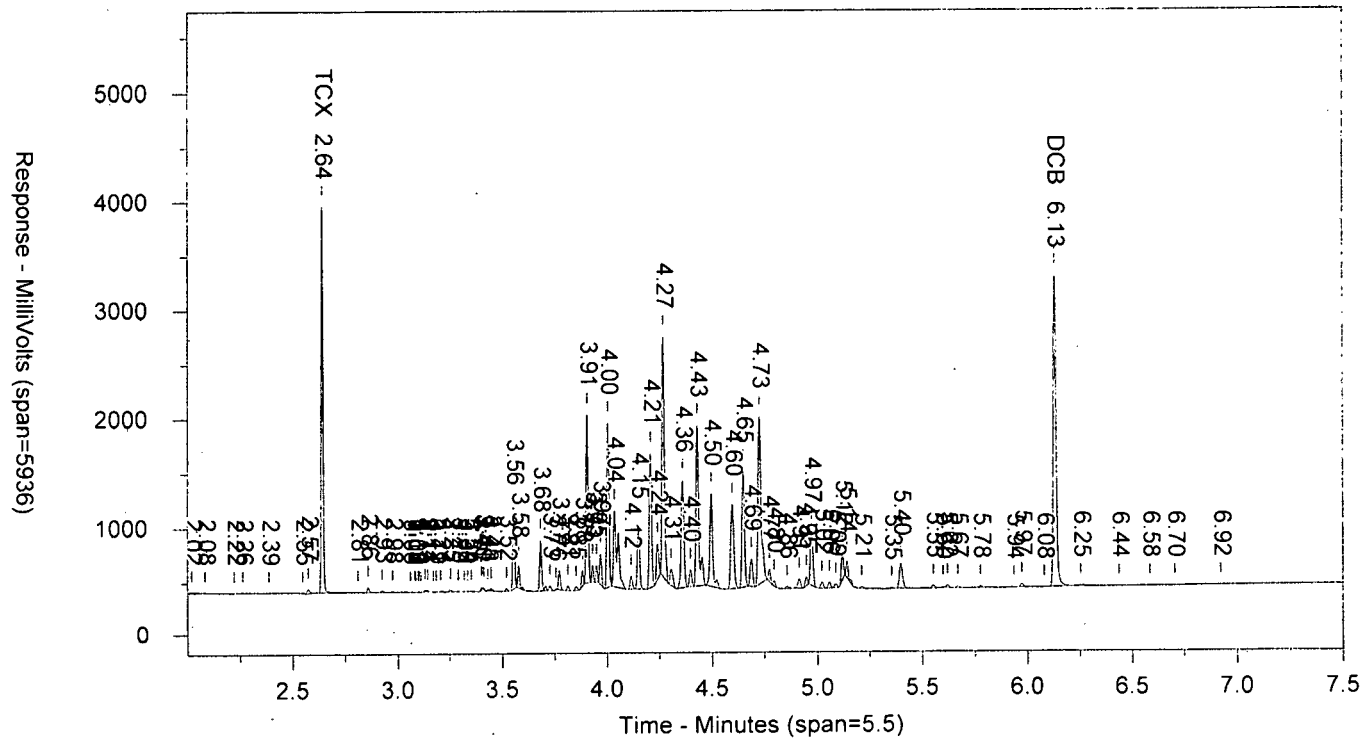

IC54X1724A AAIC54XAA CCAL 1725699999 10736 SW-846 8082

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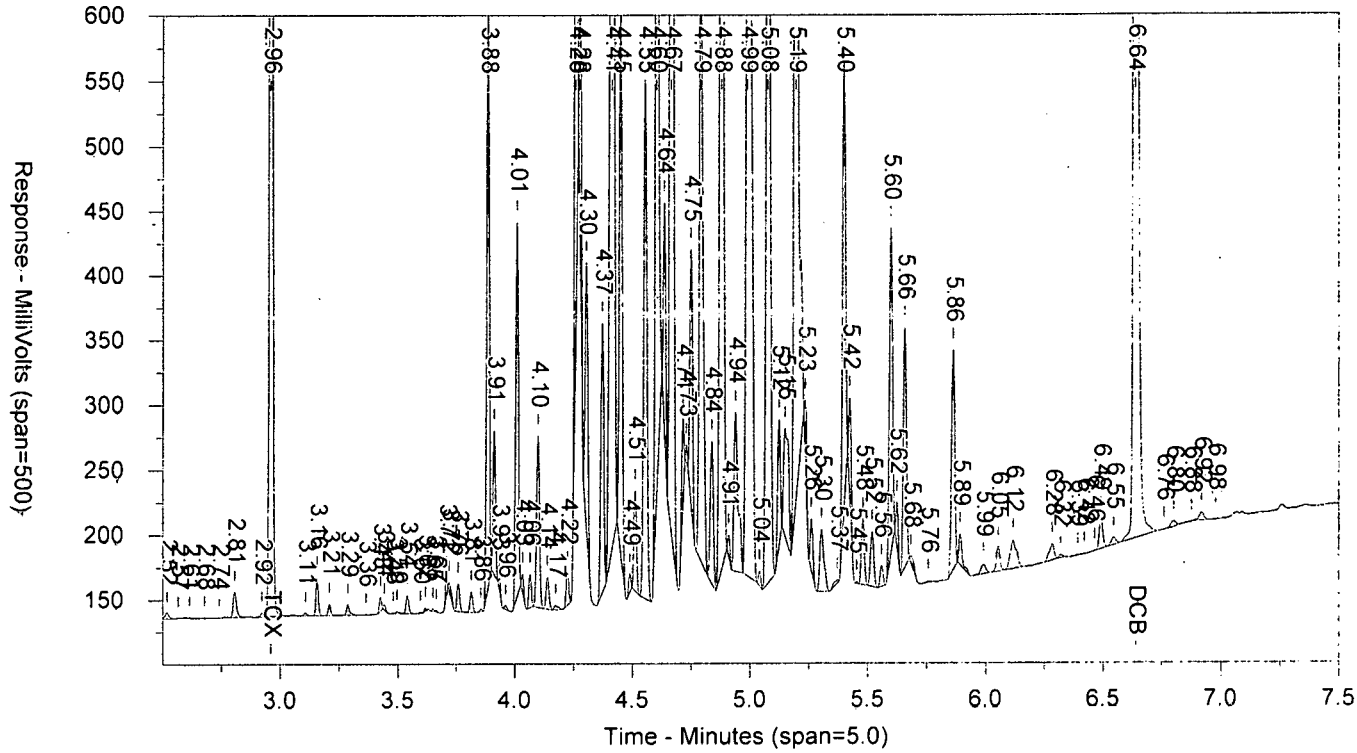

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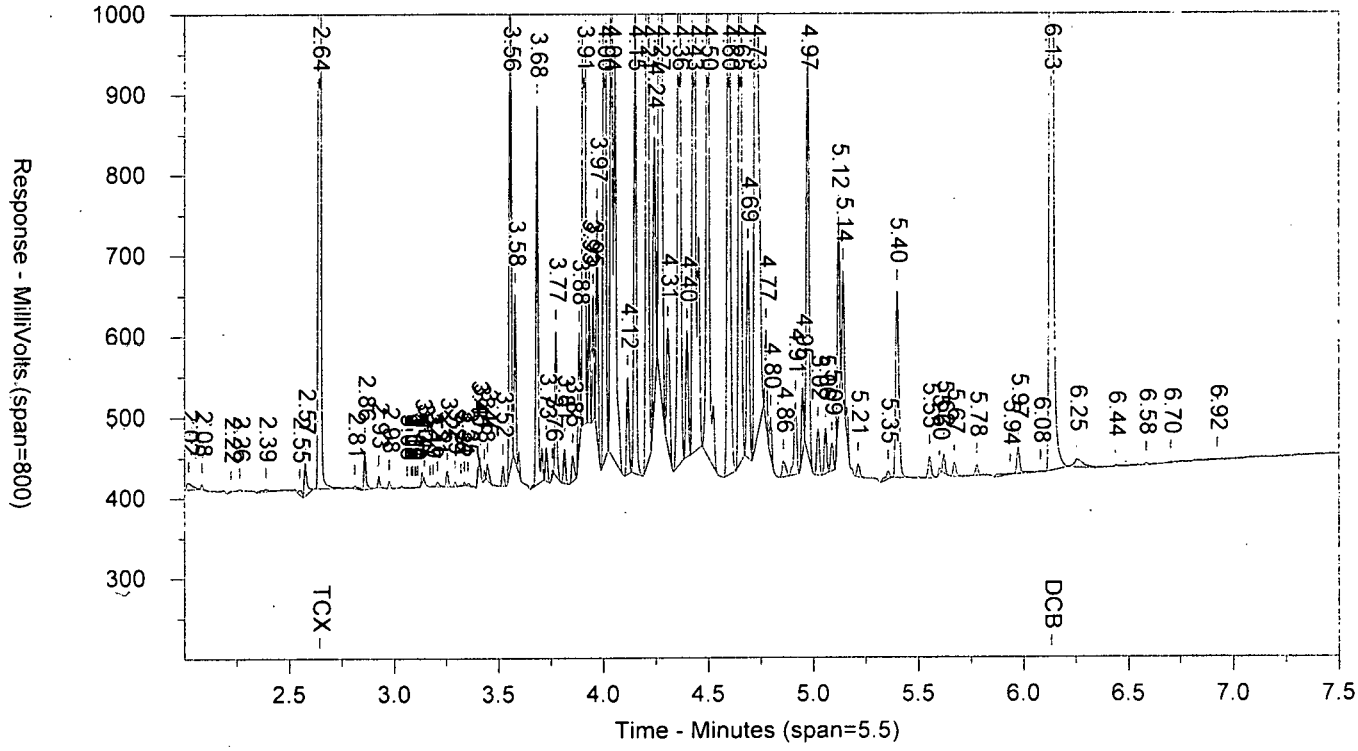


LANCASTER LABORATORIES

Sample Number: IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:11:11 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0005.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.635		20360	21966
1.668		8705	21170
1.792		3634	2519
2.11		30484	61020
2.148		29107	89093
2.219		5531	5166
2.295		38673	28345
2.389		9814	5667
2.403		14702	10359
2.433		7245	7129
2.549		13028	11484
2.719		3740	1773
2.926		41658	68895
2.956		7785	7633
2.999	TCX	7640050	4786910
3.196		113894	73924
3.327		32255	38133
3.42		1516	614
3.456		2931	1566
3.667		4969	9429
3.793		2275	1612
3.859		1204	553
3.872		1789	524
3.898		1452	522
3.925		1050	520
3.944		1053	352
3.989		3056	2465
4.052		1187	498
4.247		11116	11348
4.293		10129	8352
4.327		7953	8287
4.358		4296	3852
4.447		2534	1815
4.514		991	514
4.559		2037	1443
4.683		4083	7489
4.802		1954	1245
4.964		11118	9415
5.039		3700	5423
5.113		1431	1027
5.15		2069	1155
5.205		20997	20078
5.265		960	429
5.323		1291	660
5.4		2653	7592
5.474		1074	3266
5.553		1967	1309
5.608		20087	20680
5.729		53148	61873
5.792		1333	1321
5.829		1471	554
5.86		1717	818
5.906		3692	4133

RT A	Compound A	Height A	Area A
5.961		2858	3644
6.047		585	11633
6.099		100829	93674
6.135		1612	481
6.162		116762	136174
6.302		2915	4586
6.332		2350	2677
6.425		1925	845
6.469		2572	1233
6.532		47964	45169
6.591		1178	671
6.63		1357	434
6.679	DCB	2453358	2616777
6.806		2148	4012
6.901		1334	981
6.924		1568	478
6.949		1766	626
7.071		1918	1047
7.121		1366	1067
7.234		1726	1112
7.257		2062	512
7.284		1345	1036
7.395		1909	773
7.411		2046	871
7.439		1100	807
7.528		1805	632
7.54		1420	390
7.584		1126	290
7.641		1344	776
7.676		1481	431
7.703		1430	1115
7.74		1312	927
7.771		2206	519
7.792		1434	729
7.89		1631	783
8.066		1601	1219
8.128		1355	1065
8.146		2365	1089
8.288		2458	583
8.297		2237	876
8.379		2118	1312
8.426		1974	1167
8.458		1707	343
8.469		1505	661
8.487		2813	628
8.518		1396	367
8.621		1910	591

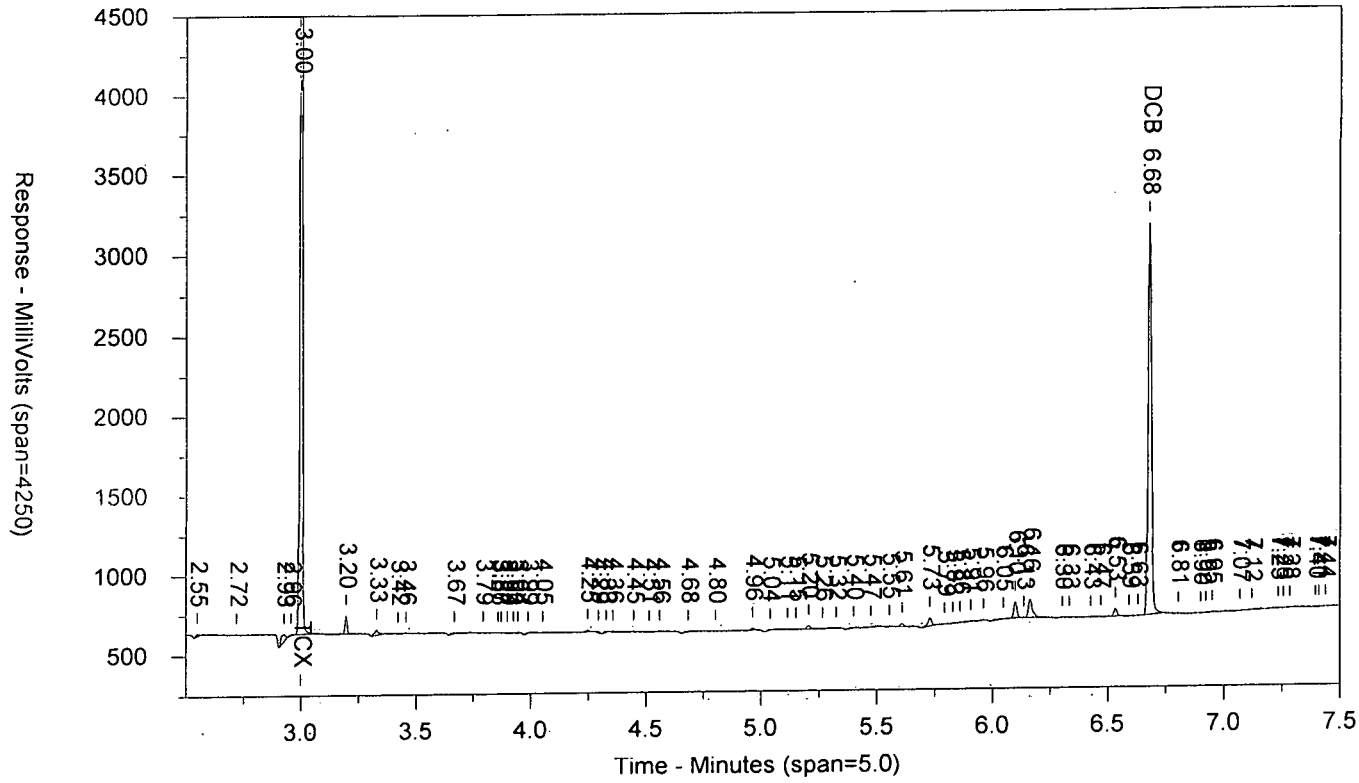
LANCASTER LABORATORIES

Sample Number: IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:11:11 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0005.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		3986	3576
1.761		2768	6603
1.834		7399	9470
1.967		39234	33712
2.03		8464	13641
2.093		14142	9804
2.171		3692	8834
2.227		2100	4363
2.272		6427	8350
2.398		3149	2431
2.51		15641	43894
2.585		14200	62918
2.653	TCX	7909439	4766540
2.813		5053	5796
2.871		113272	71089
2.987		21255	12764
3.165		3313	6204
3.212		2060	3008
3.329		5242	2748
3.362		5018	4573
3.415		3310	7285
3.468		1328	803
3.488		2114	1080
3.597		2082	1504
3.646		1652	1113
3.673		3835	5047
3.844		3536	6064
3.908		1843	2005
3.98		13248	11603
4.063		4560	5294
4.116		3694	2740
4.273		2663	3475
4.486		12571	9625
4.613		1642	1745
4.689		1744	976
4.715		18755	13217
5.033		3846	4300
5.11		16507	13266
5.233		51612	49885
5.42		3038	3074
5.575		79796	67789
5.643		95019	80531
5.691		17049	15493
5.999		52639	45035
6.034		2323	2140
6.159	DCB	3057862	2737537
7.311		3236	7476
7.554		1242	2483
8.294		7241	14714

IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0005.RAW



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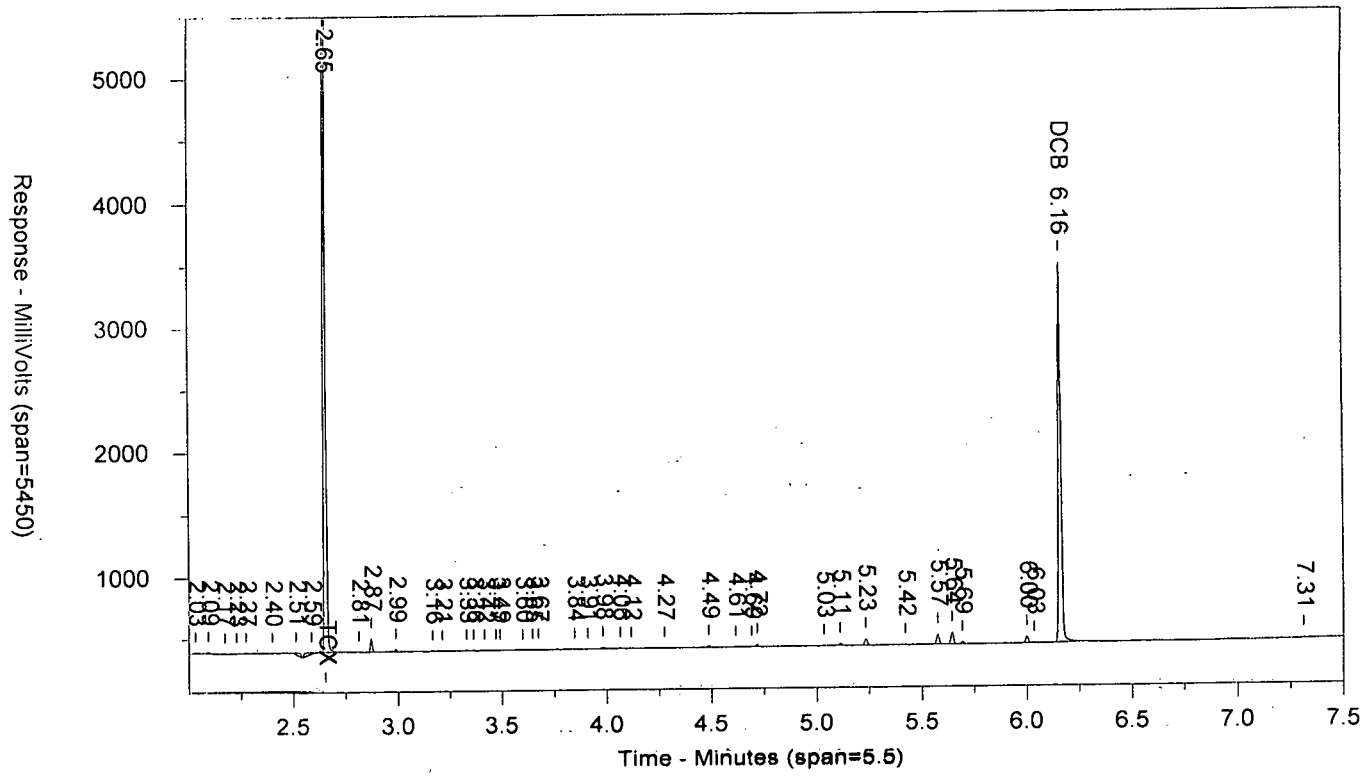

LANCASTER LABORATORIES

Sample Number: IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:11:11 PM
Sample Weight: 1000
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
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
2.999	7640050	.202	TCX	2.653	7909439	.196	TCX
6.679	2453358	.162	DCB	6.159	3057862	.162	DCB

Files:
Area File: 07pcbs17250001.0005.RAW
Area File: 07pcbs17250001B.0005.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:19:53 PM
File Reported On: 9/7/2017 at 11:20:04 PM

IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082

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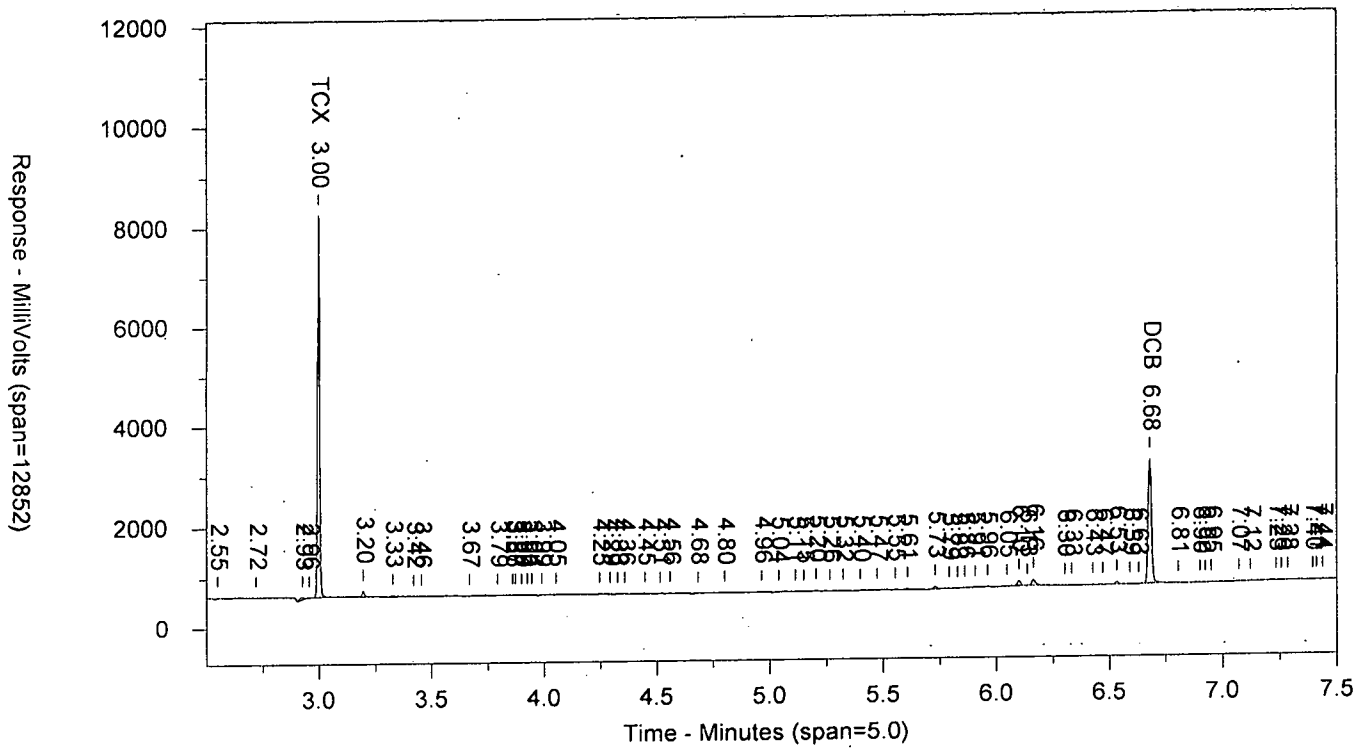

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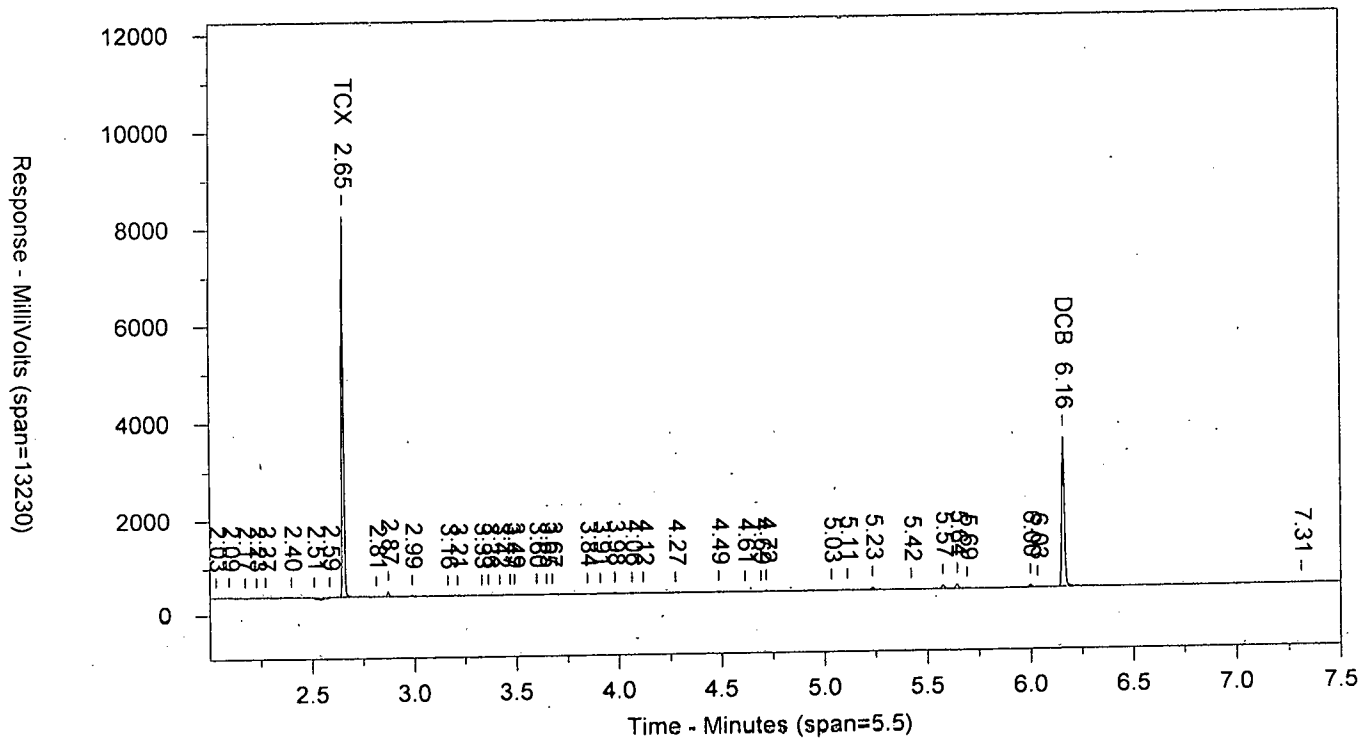

IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082

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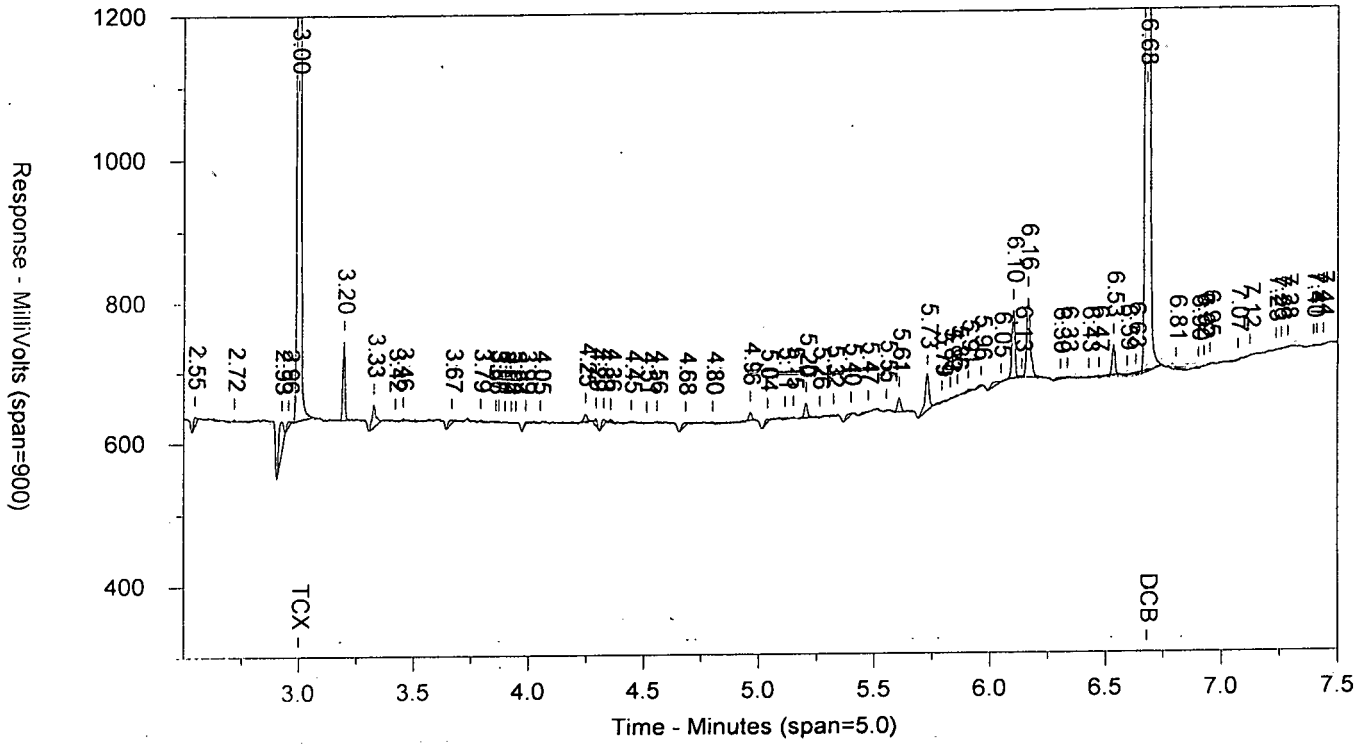

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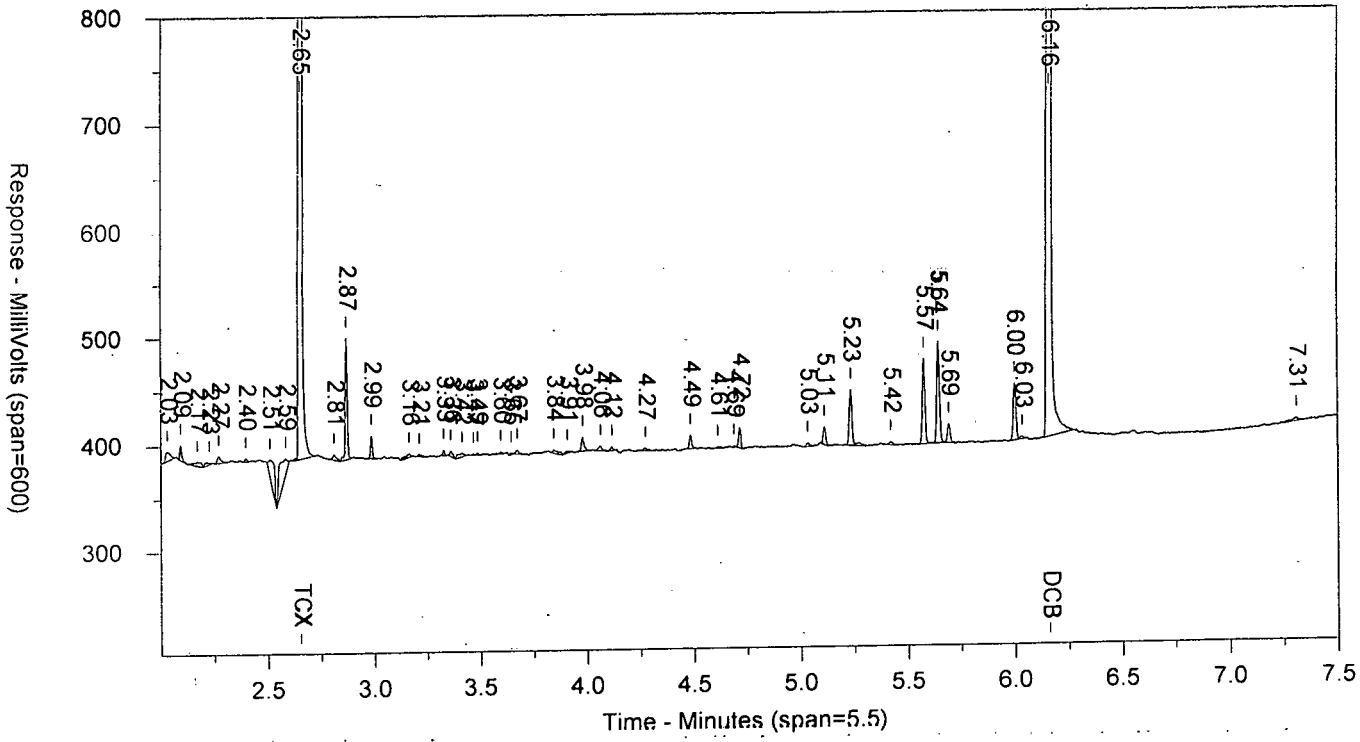

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:22:37 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0006.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		12917	14095
1.669		5107	11169
1.792		5411	4560
2.112		17412	31728
2.15		27344	58582
2.193		34145	27654
2.295		35507	30077
2.402		139849	114172
2.433		6236	6789
2.55		14946	12481
2.572		234341	163037
2.669		2916	2240
2.845		33826	25222
2.927		17791	28302
2.968		3465	7256
2.999	TCX	7298671	4687088
3.197		105412	70202
3.278		3976942	2499600
3.328		28593	30620
3.379		23623	16383
3.475		1988080	1254953
3.511		28195	19333
3.585		1282392	832930
3.672		8789	11381
3.694		6009	4246
3.732		12948	13471
3.765		235023	177048
3.793		29949	20243
3.811		12493	6547
3.835		4377	3847
3.884		476018	363856
3.913		71471	48759
3.933		2452	799
3.999		9063	12440
4.039		4062	2792
4.074		2518	1770
4.128		118746	86009
4.159		83691	70075
4.212		47177	39032
4.249		159117	137313
4.282		85350	55846
4.299		84602	52276
4.335		5078	4759
4.372		9269	6548
4.429		19816	15146
4.461		1657778	1472596
4.591		25783	52616
4.619		142411	138534
4.655		157315	129241
4.73		19880	18819
4.781		715414	766302
4.883		1013799	990146
4.925		3428744	2939282

RT A	Compound A	Height A	Area A
4.95		332937	221646
4.973		47206	27048
4.995		18978	11122
5.028		1289680	1206073
5.111		290325	288274
5.181		628960	574741
5.264		33933	32055
5.341		42015	44681
5.4		3225	5711
5.43		9376	11407
5.481		585847	988290
5.573		16641	16052
5.619		47247	54795
5.667		27348	17776
5.687		82931	53010
5.705		265018	191999
5.73		27664	18881
5.794		1724	773
5.853		2427	2299
5.909		4782	5233
5.941		1739	974
5.959		4630	5771
6.023		4368	7471
6.1		104303	103954
6.163		118005	139138
6.295		1577	777
6.438		1544	657
6.464		1331	1320
6.533		50188	49650
6.647		1000	192
6.679	DCB	2643477	2704224
6.805		2268	1505
6.882		1859	437
6.901		1493	346
6.93		1278	274
6.959		1793	1694
7.055		1773	439
7.104		1542	617
7.146		2246	1483
7.2		1587	416
7.216		1460	986
7.345		2032	923
7.403		856	823
7.471		1894	749
7.529		1512	474
7.579		1751	586
7.634		1163	906
7.661		1755	454
7.671		1717	735
7.691		2084	782
7.716		1578	392
7.892		1351	1145
8.095		1449	686
8.182		1609	549
8.257		1354	254
8.506		1738	559
8.681		2815	1413

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:22:37 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0006.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.551		2361	1493
1.589		4840	3574
1.655		1853	1510
1.761		11944	16237
1.833		4382	9087
1.865		4418	7740
1.93		33748	23398
1.965		42526	44091
2.003		1997	1923
2.03		12587	18935
2.092		12275	8490
2.191		165394	105050
2.242		3616	2290
2.271		7557	8367
2.358		286886	175031
2.408		4861	5403
2.462		2447	1791
2.509		5805	17053
2.556		11581	14484
2.584		53460	40639
2.653	TCX	7473764	4505775
2.741		4565	5071
2.813		5121	5543
2.852		2048	1026
2.87		107197	62893
2.904		2685	1862
2.929		10600	7384
2.967		2917	1649
2.998		4358847	2457373
3.117		24370	14530
3.154		30398	21495
3.208		2719381	1504325
3.279		2907	2172
3.307		8530	7943
3.349		6040	2906
3.362		6254	2642
3.387		1431469	822859
3.445		35795	22952
3.47		39289	24162
3.489		18362	8876
3.51		680201	475817
3.542		76988	46335
3.582		19062	11306
3.621		6116	4563
3.678		2705	1837
3.706		8400	5596
3.749		2128	2121
3.803		118889	67171
3.818		64126	30157
3.835		110944	58138
3.854		12391	6487
3.88		162854	107567
3.9		106506	59450
3.937		17661	19172

3.956		2838	1751
3.98		13415	14592
4.014		4280	1783
4.035		1681310	1177317
4.063		20518	12698
4.104		23857	20243
4.138		20518	21199
4.169		13618	7446
4.192		125650	113126
4.236		60364	51803
4.288		154413	141926
4.347		17445	16594
4.413		792537	566525
4.436		31909	16347
4.472		3931097	3344958
4.512		137039	99590
4.567		2397349	1928206
4.609		54086	42580
4.678		91873	76551
4.71		55032	49776
4.746		783969	605428
4.806		814048	661741
4.838		287709	209799
4.919		51760	55326
4.96		3010	2502
5.035		2602	1580
5.075		1187772	1242327
5.179		817066	693621
5.233		21204	12681
5.251		167520	119355
5.303		5439	4012
5.356		1157679	981307
5.41		240283	195549
5.575		84553	70858
5.644		102520	86252
5.693		17358	14455
6		56997	47536
6.159	DCB	3164774	2858993
6.842		1843	1692
7.066		951	3103
7.621		1663	2147
8.295		6092	10343

EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082

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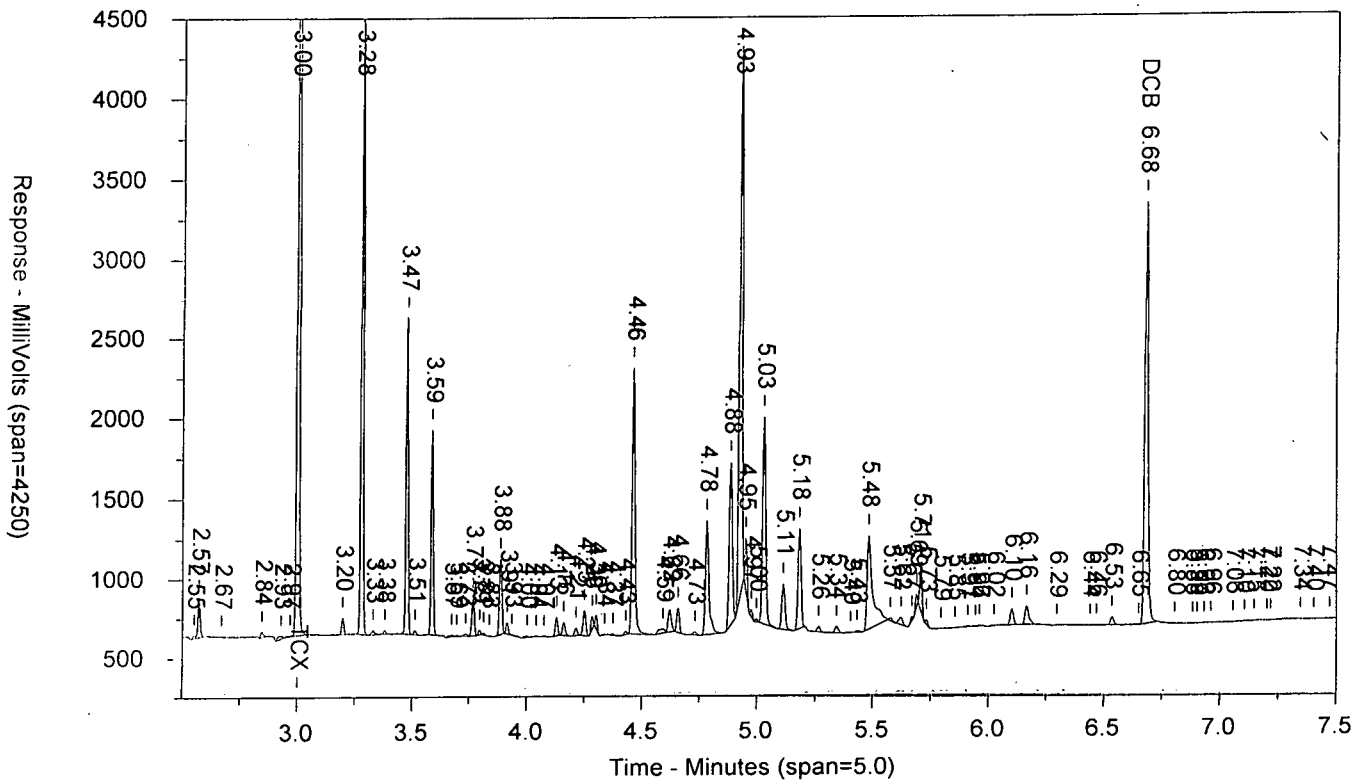

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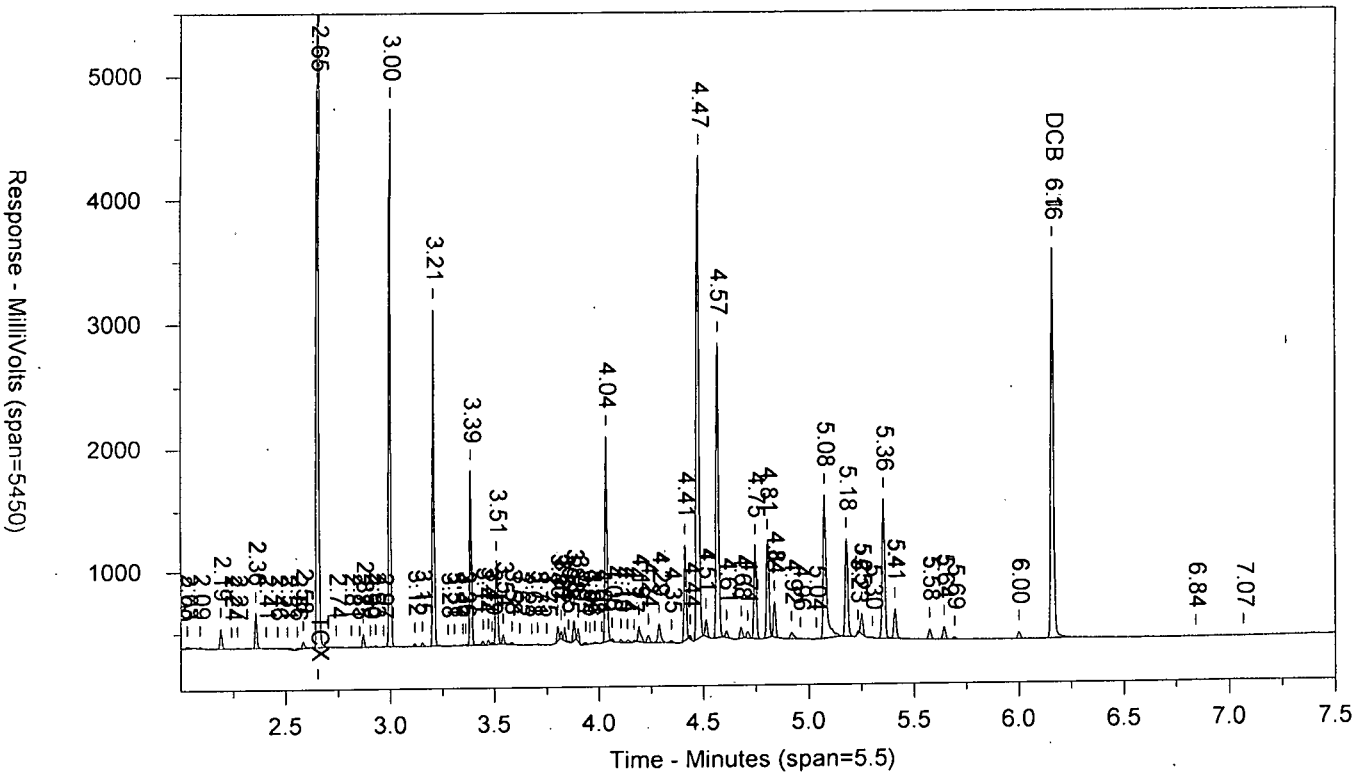

LANCASTER LABORATORIES

Sample Number: EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:22:37 PM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	7298671	19.257	TCX	2.653	7473764	18.502	TCX
6.679	2643477	17.497	DCB	6.159	3164774	16.759	DCB

Files:
Area File: 07pcbs17250001.0006.RAW
Area File: 07pcbs17250001B.0006.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:31:22 PM
File Reported On: 9/7/2017 at 11:31:34 PM

EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082

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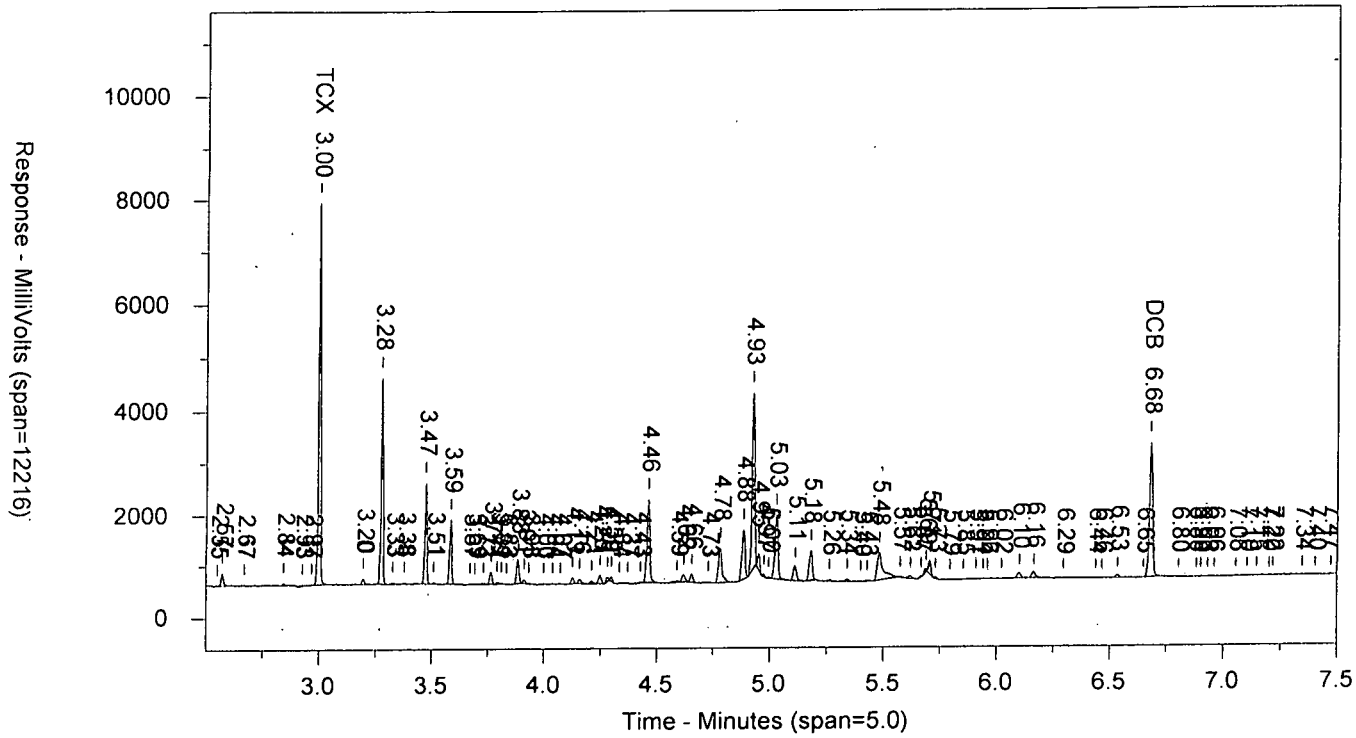

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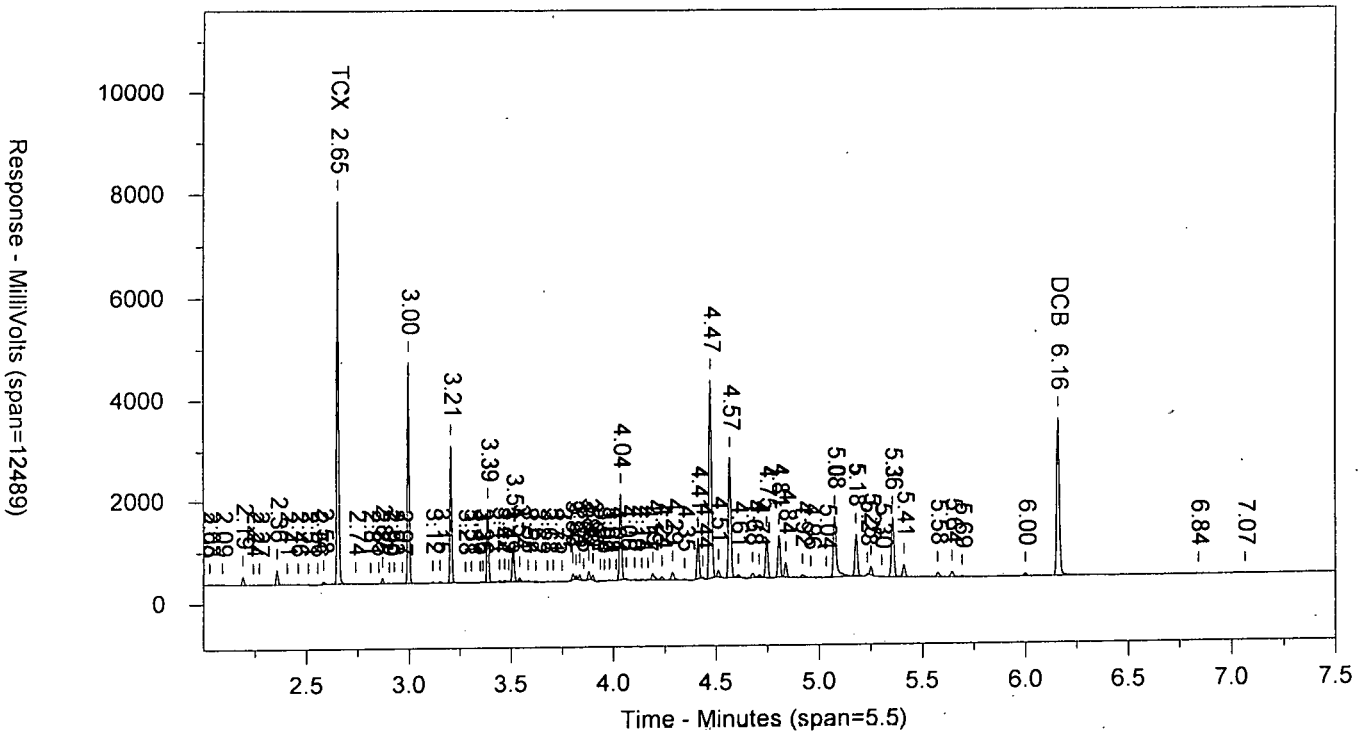

EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082

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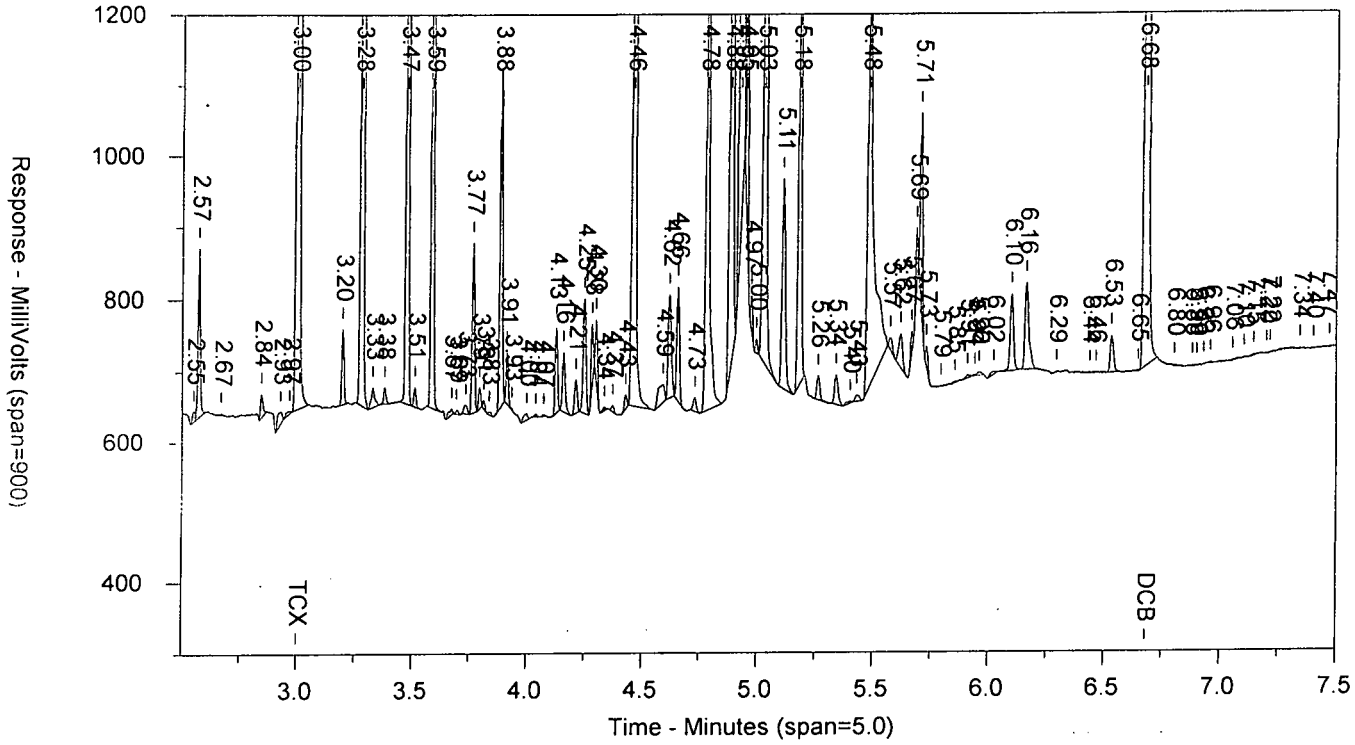

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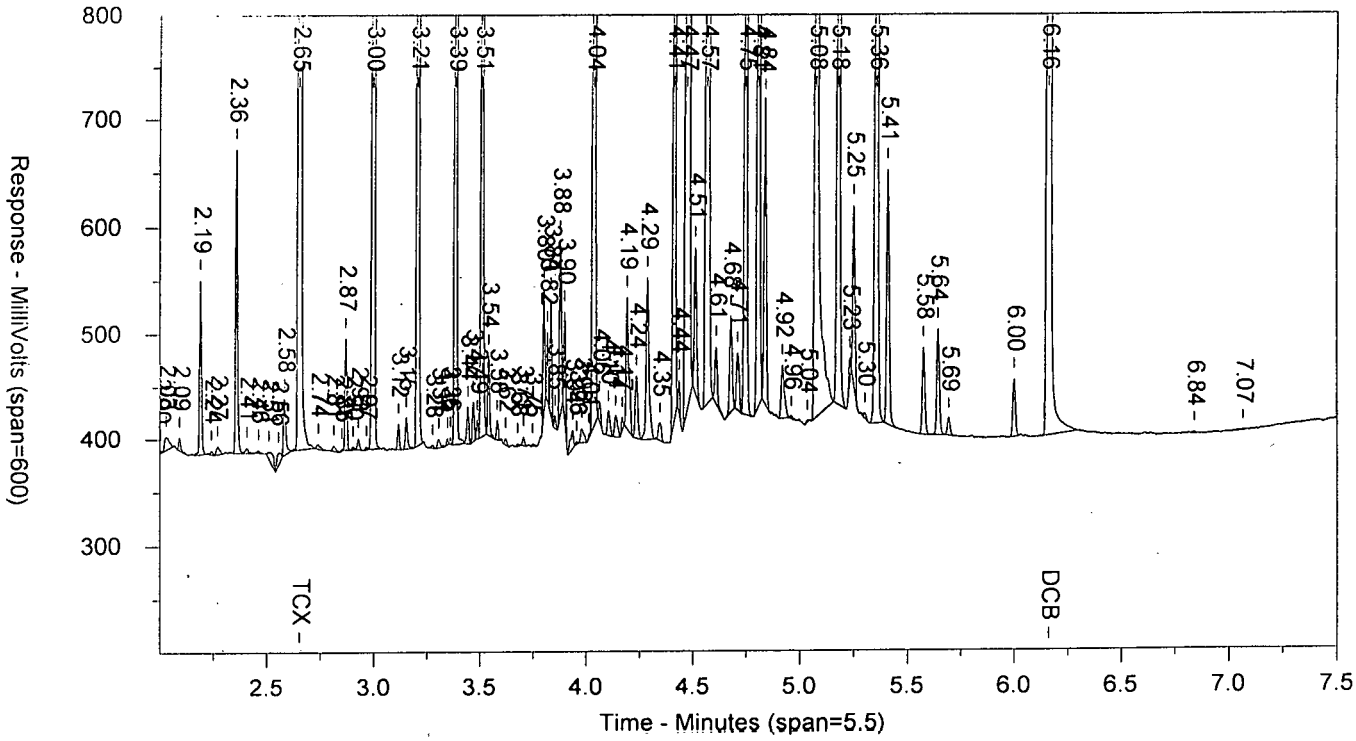

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:33:59 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0007.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.631		17767	17805
1.668		5627	11651
1.79		3252	1729
2.028		3516	3399
2.114		26802	54308
2.146		36529	93223
2.218		6200	5766
2.391		47810	31950
2.436		8253	8745
2.553		9846	9923
2.72		3424	1933
2.843		58513	48364
2.913		2462	1167
2.961		5432	7255
2.999	TCX	783218	524395
3.146		35438	31072
3.203		42658	31472
3.25		197596	132477
3.344		29805	39261
3.465		199049	121103
3.481		104742	55678
3.518		23647	13200
3.535		3785	1493
3.546		12642	5687
3.579		234242	169898
3.654		18051	14759
3.688		54418	31569
3.704		26927	13636
3.748		125165	69056
3.759		195907	102966
3.798		263704	204311
3.858		234743	174340
3.899		19232	12919
3.926		167327	122032
3.954		119457	106659
3.977		33527	15807
4.053		180435	129821
4.078		67556	42581
4.109		73907	51869
4.143		189987	181931
4.184		57041	45696
4.232		3137	1902
4.247		9830	6227
4.27		11948	8760
4.305		162384	118384
4.324		44895	24644
4.348		53239	43988
4.395		2045	2337
4.418		27521	22499
4.461		193743	185936
4.495		7046	4819
4.56		3153	2149
4.6		35896	33808

RT A	Compound A	Height A	Area A
4.652		22773	13490
4.67		60918	42782
4.715		121637	105326
4.763		185941	207524
4.801		47260	33021
4.84		401073	375910
4.882		6801	6390
4.927		65498	65862
4.962		5505	3613
4.988		71262	64816
5.041		384699	508146
5.092		86022	73354
5.131		173149	185916
5.174		2060	1045
5.21		33253	36770
5.244		356198	326412
5.266		10330	5039
5.284		5318	2736
5.31		194697	180894
5.353		124070	111450
5.389		3073	3009
5.448		46133	38273
5.472		215854	196034
5.527		128060	114018
5.567		72014	72670
5.609		15994	15081
5.649		79165	89145
5.705		500577	574011
5.849		1853	1376
5.909		361314	338947
5.94		16059	9394
5.964		91507	105131
6.012		2996	1964
6.099		20276	18685
6.178		72049	102221
6.255		2659	1825
6.302		1886	3306
6.333		128853	129618
6.378		7472	5459
6.427		1303	718
6.506		1927	521
6.532		30789	30425
6.571		1418	372
6.678	DCB	319745	331844
6.816		1991	1121
6.858		1206	480
6.874		1280	335
6.921		1340	327
6.958		2560	2363
6.997		1015	372
7.079		2020	2233
7.096		1597	632
7.12		1649	505
7.141		2660	1001
7.154		1373	539
7.178		2402	972
7.199		1430	682
7.425		1410	393
7.455		1591	684
7.525		2051	746
7.55		1625	447
7.746		1830	464
7.812		1193	585
7.855		1988	1069
7.899		1861	731
7.952		1549	517

RT A	Compound A	Height A	Area A
7.972		1970	1217
8.096		1315	493
8.131		2224	910
8.351		2312	530
8.401		1414	876
8.517		1909	901
8.576		1582	361
8.636		1274	706

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:33:59 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0007.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.59		4975	6334
1.762		4483	4645
1.833		6596	10016
1.866		1662	2947
1.959		49312	34558
2.032		16096	25765
2.21		2811	2461
2.272		7965	10261
2.337		3117	2724
2.401		2823	2011
2.555		5265	6442
2.584		81402	65626
2.628		2145	1154
2.653	TCX	798335	472507
2.697		17629	12995
2.824		44264	29773
2.871		7138	3011
2.885		38389	20605
2.937		201372	124130
2.987		2358	1783
3.048		26003	15676
3.144		257916	252548
3.195		29678	16883
3.216		16803	10271
3.242		20114	10887
3.265		248538	159977
3.303		10023	7315
3.348		61078	32519
3.363		40204	19004
3.413		139331	68431
3.423		234582	93714
3.443		12820	4572
3.456		240362	158604
3.53		249261	154754
3.565		185223	114480
3.588		203515	112702
3.606		62740	30737
3.691		220295	145661
3.714		88518	50393
3.736		78759	47570
3.766		52965	28640
3.784		168179	106833
3.826		67658	48675
3.863		15520	17248
3.895		45409	25886
3.916		241332	156249
3.942		48217	27852
3.962		7845	3773
3.981		38573	26303
4.017		190768	132877
4.051		9146	5274
4.065		16782	9528
4.114		4831	5638
4.153		18272	22327

4.219		49698	32503
4.262		58979	35374
4.281		43985	22511
4.294		132700	77451
4.319		83044	79684
4.372		415911	315959
4.414		10213	9138
4.442		39145	25583
4.467		95056	68096
4.51		467912	364992
4.614		361109	367527
4.667		53623	42722
4.706		111546	92678
4.742		440426	366676
4.774		236370	167065
4.814		161523	126412
4.914		55618	54535
4.965		289281	226667
4.989		38147	24738
5.04		152811	139594
5.075		74569	59736
5.105		53218	42176
5.136		22402	13061
5.159		563581	461887
5.2		11533	8694
5.232		28144	25289
5.35		6218	3875
5.375		123099	100998
5.419		335705	382738
5.575		16015	13356
5.619		8286	5975
5.642		14151	10882
5.692		59663	53543
5.799		117850	101531
5.831		5825	4445
5.999		33546	33074
6.158	DCB	368632	334375
8.294		4415	6154

AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082

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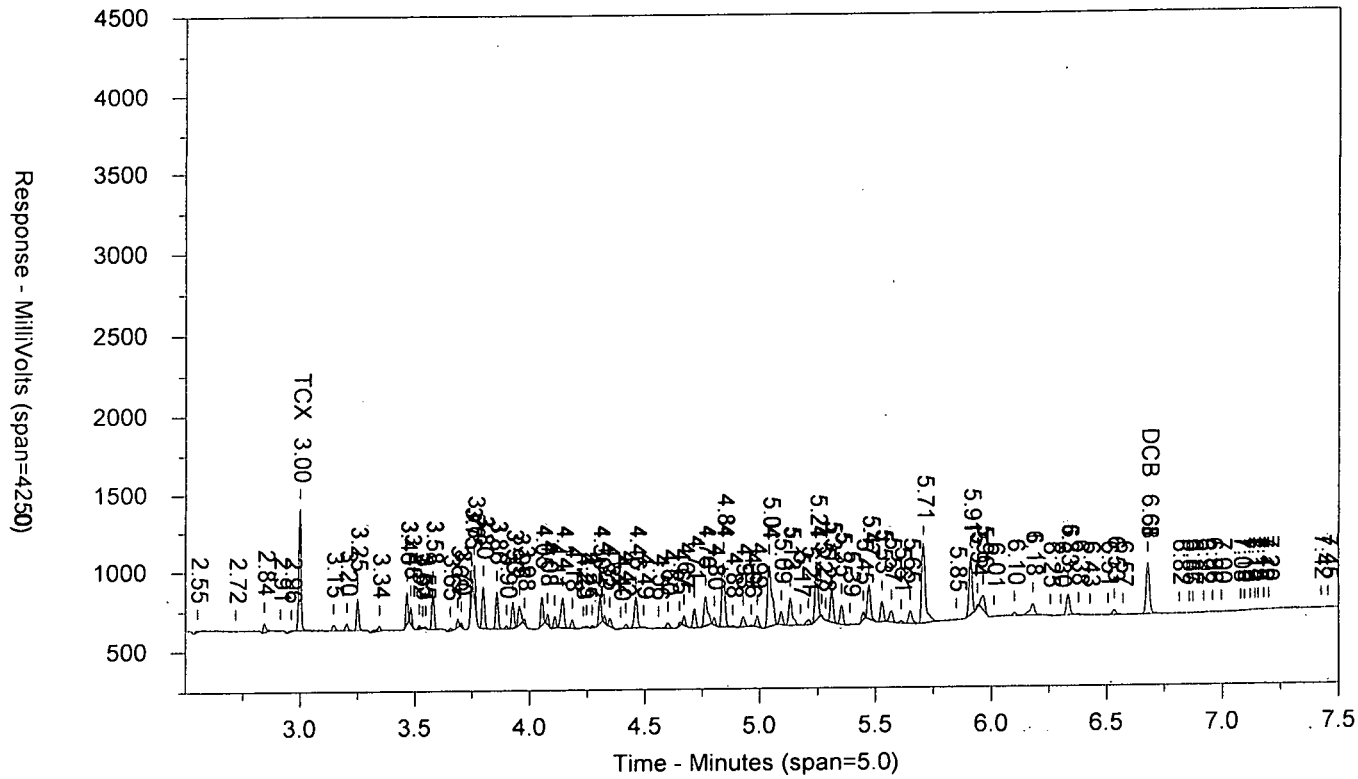

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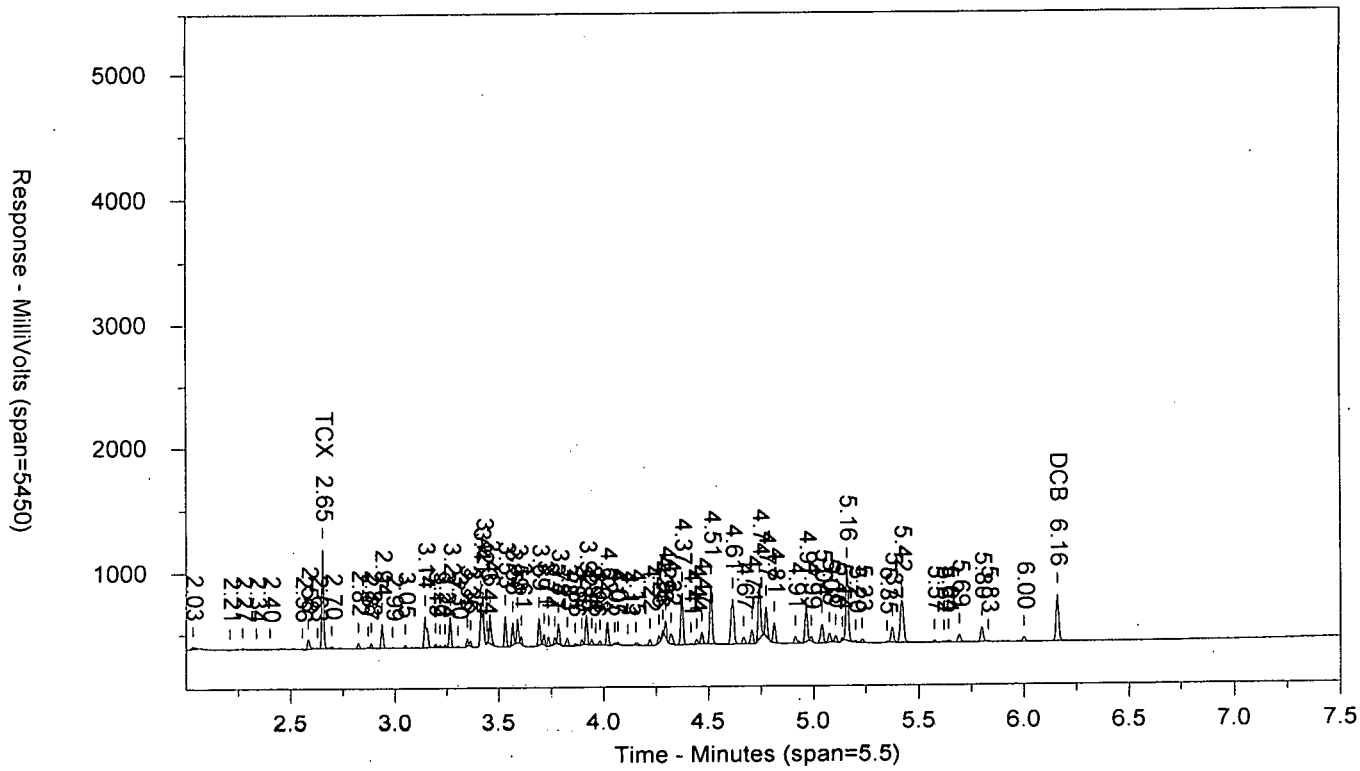

LANCASTER LABORATORIES

Sample Number: AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:33:59 PM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	783218	2.066	TCX	2.653	798335	1.976	TCX
6.678	319745	2.116	DCB	6.158	368632	1.952	DCB

Files:
Area File: 07pcbs17250001.0007.RAW
Area File: 07pcbs17250001B.0007.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:42:43 PM
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AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082

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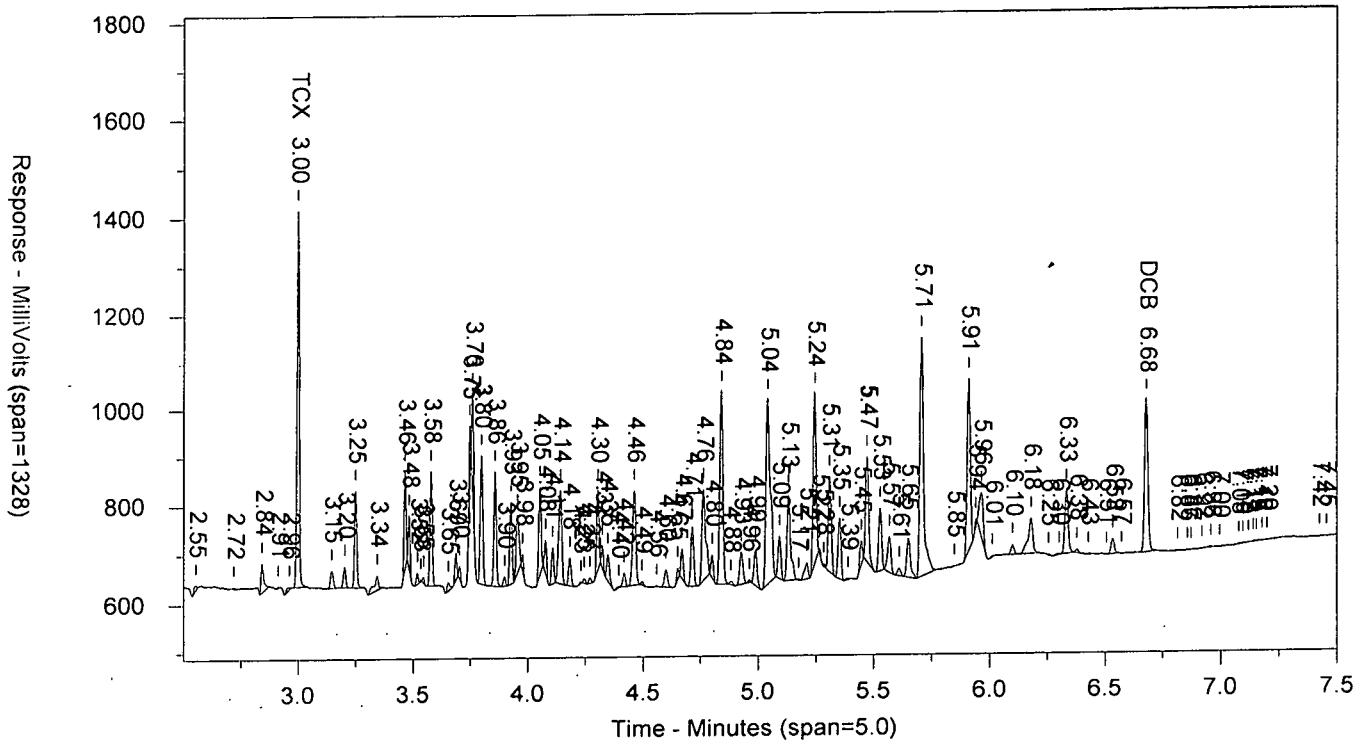

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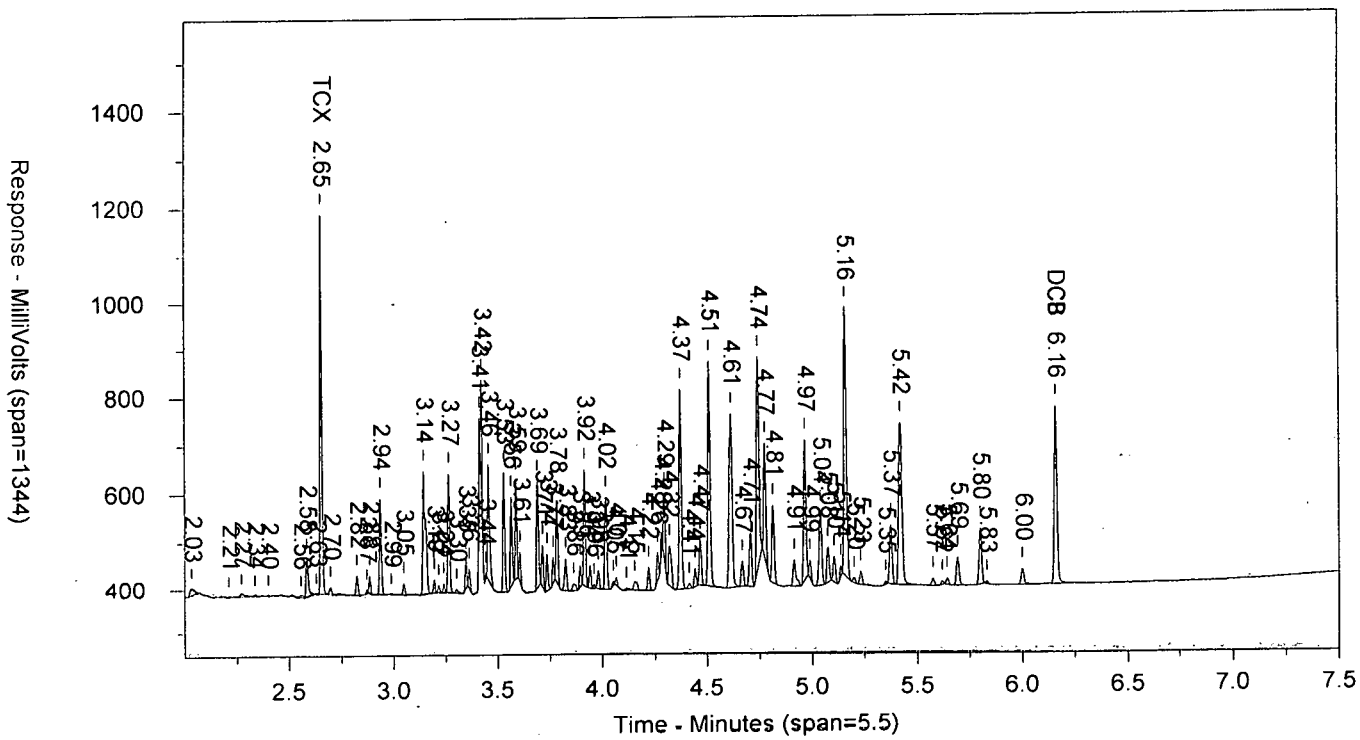

AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082

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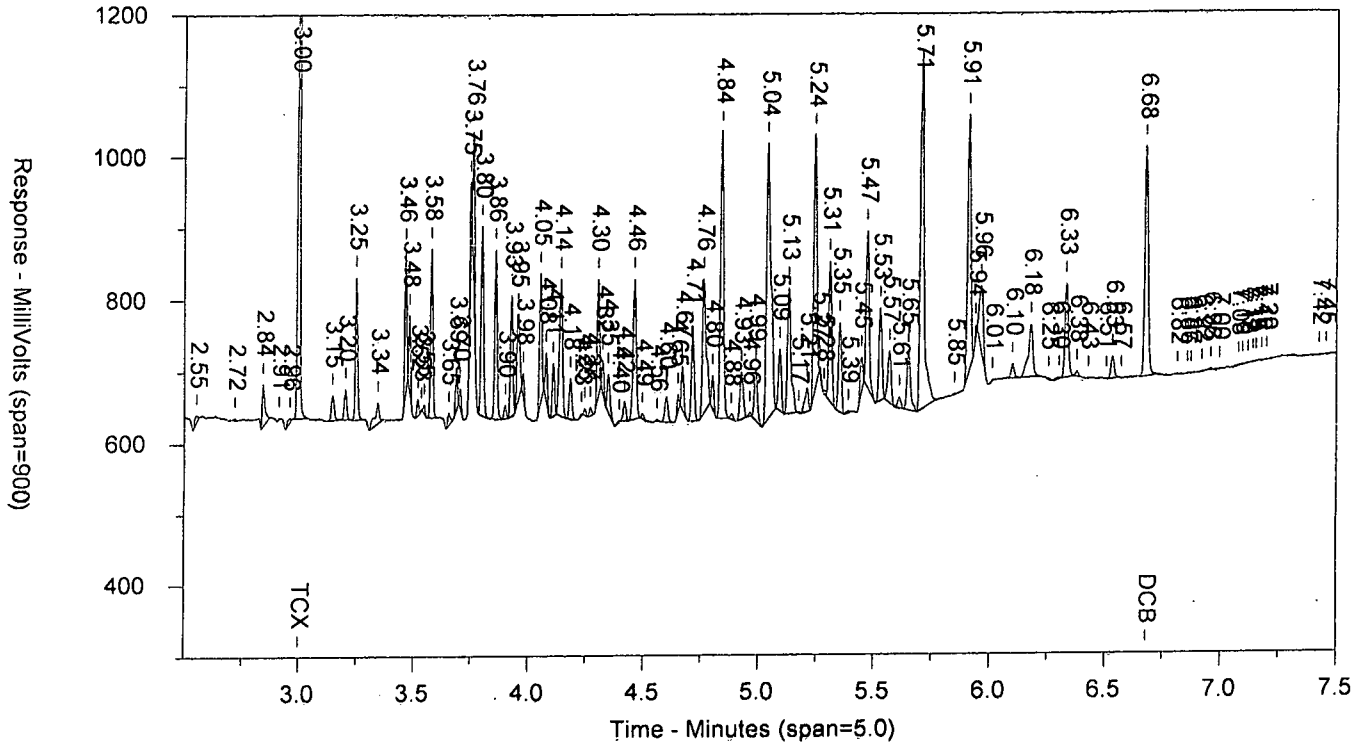

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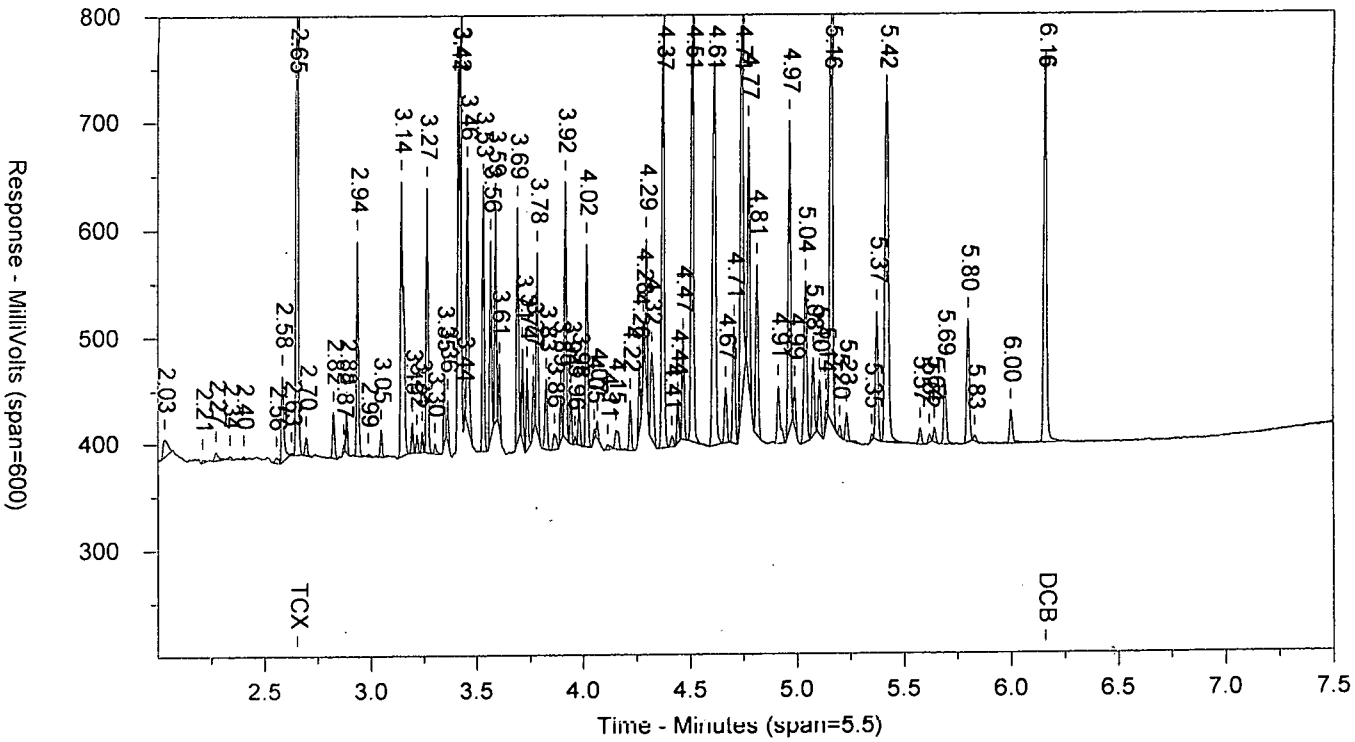

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:45:28 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0008.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.638		20447	28673
1.664		11541	15681
1.791		8461	5340
2.032		5673	7657
2.111		38133	86964
2.146		46064	93034
2.222		24316	47268
2.295		23016	68897
2.39		38932	42093
2.437		10079	14391
2.553		21703	25568
2.576		14988	20433
2.635		4214	2412
2.67		4257	3548
2.758		3810	2276
2.845		24901	20658
2.928		18295	23980
2.96		7208	10245
2.999	TCX	1414990	962044
3.147		65672	54779
3.176		1784	1048
3.203		78560	60146
3.251		346123	236603
3.329		5922	9658
3.344		43663	26936
3.465		356111	213829
3.482		177285	97370
3.519		44302	25157
3.535		8817	3464
3.547		23285	11730
3.579		424020	304344
3.617		3005	1646
3.655		27546	20374
3.689		99622	56742
3.703		50644	25384
3.748		229197	127950
3.76		370412	190640
3.798		475690	368610
3.858		422599	313786
3.899		33667	24190
3.927		306260	218345
3.954		212254	188256
3.978		57650	29098
4.027		1837	529
4.053		339444	230949
4.078		113972	76483
4.109		137562	95232
4.143		333634	329112
4.184		108613	85531
4.232		9442	6117
4.247		6364	3127
4.271		20533	14492
4.305		295349	213530

RT A	Compound A	Height A	Area A
4.324		80646	46258
4.348		96069	79698
4.418		55089	57707
4.462		357120	337153
4.497		14401	10352
4.559		6581	5024
4.6		61890	60029
4.653		40714	23838
4.671		107892	77890
4.715		223342	195753
4.764		336159	379076
4.801		85987	61066
4.841		743327	681374
4.884		12143	9706
4.927		119289	123341
4.961		10590	6967
4.988		124211	116795
5.041		686166	915802
5.092		151309	137562
5.132		308189	343115
5.172		4147	2255
5.211		60982	70884
5.245		655155	593335
5.267		23315	11478
5.286		13587	5878
5.311		388045	332694
5.352		216493	206548
5.388		2763	1787
5.447		88793	71753
5.473		384497	357766
5.528		233297	211173
5.567		139077	136335
5.61		28783	28560
5.65		150983	165466
5.706		938427	1056389
5.798		1339	496
5.858		1532	374
5.91		644840	611691
5.94		25967	17068
5.965		164595	193405
6.022		4535	6837
6.1		35510	33993
6.179		136773	200223
6.303		1698	3483
6.333		236974	242215
6.377		14557	12451
6.455		2008	622
6.532		58988	57027
6.615		1364	489
6.679	DCB	600746	619456
6.807		1089	457
6.879		1145	527
6.919		1402	482
6.939		1782	1180
6.996		1482	983
7.031		1775	1370
7.073		2111	1910
7.097		2216	586
7.127		1637	1024
7.152		1501	575
7.196		2094	600
7.238		1581	985
7.266		1416	627
7.292		1505	1341
7.345		1507	408
7.377		1652	2333

RT A	Compound A	Height A	Area A
7.546		1255	367
7.664		1907	397
7.678		1328	505
7.7		2095	679
7.757		1466	382
7.833		1909	515
7.894		1120	575
7.926		1962	938
7.98		1623	673
8.042		1397	819
8.101		1720	637
8.132		2010	867
8.146		2558	1345
8.347		1546	675
8.363		2090	457
8.388		791	524
8.525		1575	467
8.593		2133	1226
8.652		1580	500

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:45:28 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0008.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		5347	4315
1.588		9481	10647
1.656		5689	4871
1.761		9878	10379
1.833		9628	16586
1.866		9146	19323
1.959		36149	30741
2.03		15852	28784
2.07		10234	8453
2.173		5472	3499
2.213		3270	3770
2.269		13208	12326
2.337		5188	4601
2.367		5586	3766
2.402		2868	2121
2.462		6496	4780
2.51		3734	5018
2.555		8918	8618
2.583		33655	26455
2.627		2246	1098
2.653	TCX	1455788	879581
2.696		33478	24308
2.737		6221	5697
2.824		82171	57131
2.87		14738	6194
2.884		68190	37421
2.937		364749	223390
2.99		5907	5404
3.022		1712	957
3.048		48649	28738
3.077		4248	8050
3.143		461335	452764
3.195		56481	33196
3.216		30057	17654
3.242		38464	21639
3.265		443372	288324
3.302		19686	13543
3.348		118034	60344
3.363		70951	33876
3.413		217224	111809
3.423		437246	193920
3.443		23495	8280
3.456		434549	290934
3.53		457613	284724
3.565		339285	207350
3.588		358346	202155
3.606		117757	56003
3.691		400091	263740
3.714		152239	89109
3.736		147232	85802
3.766		99628	54036
3.784		326156	199029
3.825		122669	88468
3.872		21604	23199

3.895		82419	48188
3.916		439370	283096
3.942		87571	52693
3.962		14025	6618
3.981		60932	39550
4.017		352864	242190
4.051		18268	10636
4.066		30571	17276
4.113		3751	2439
4.153		9438	4727
4.219		89547	59116
4.263		99885	61489
4.281		79519	39904
4.294		246997	138365
4.32		143751	145189
4.372		744101	572729
4.415		16091	15657
4.443		75643	49265
4.467		175901	127007
4.51		850231	670475
4.614		682487	672632
4.668		96588	81418
4.706		207503	172724
4.742		797026	682724
4.775		427220	303014
4.813		298431	230460
4.914		91543	65908
4.965		529510	419188
4.989		70858	46625
5.04		294069	255300
5.076		143089	110979
5.105		100798	82526
5.137		40706	22890
5.159		1029369	865486
5.201		22679	16008
5.232		53069	42758
5.351		12428	7967
5.374		234604	187172
5.418		607827	713625
5.576		28164	23614
5.619		15219	10958
5.644		25108	19228
5.692		115757	104648
5.8		216684	192052
5.832		11530	8015
6		65619	59407
6.158	DCB	669980	625982
7.351		1203	2550
7.624		1440	2427
7.769		1010	1634
8.289		5928	11255

AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082

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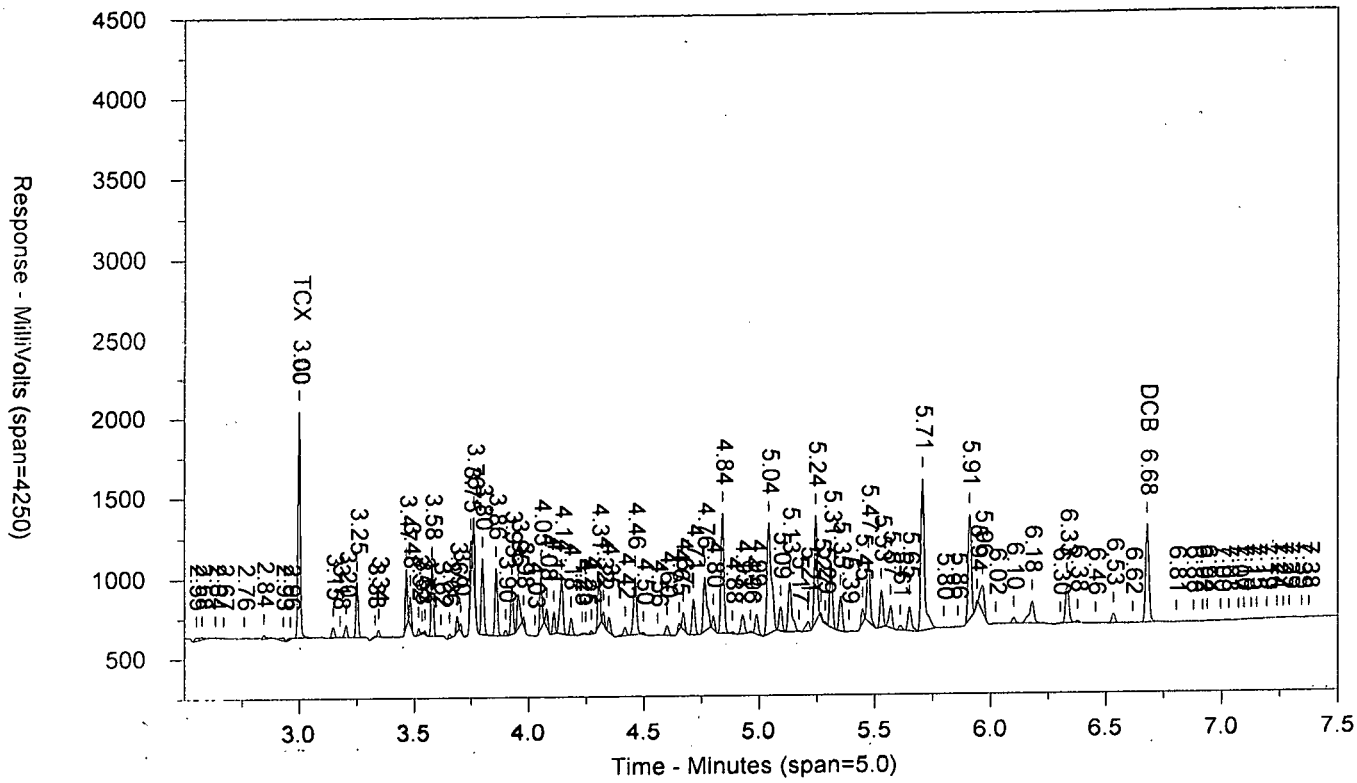

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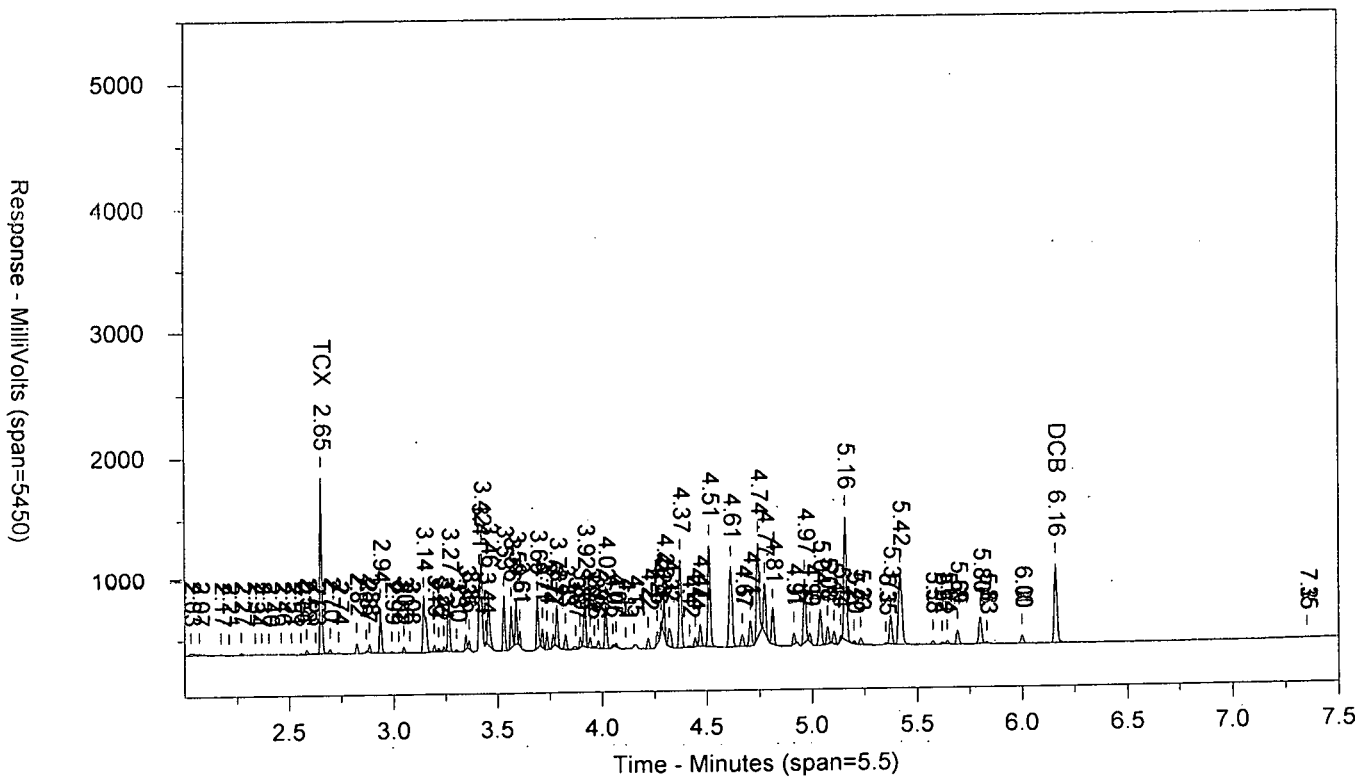

LANCASTER LABORATORIES

Sample Number: AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:45:28 PM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	1414990	3.732	TCX	2.653	1455788	3.618	TCX
6.679	600746	4.12	DCB	6.158	669980	3.686	DCB

Files:
Area File: 07pcbs17250001.0008.RAW
Area File: 07pcbs17250001B.0008.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:54:12 PM
File Reported On: 9/7/2017 at 11:54:22 PM

AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082

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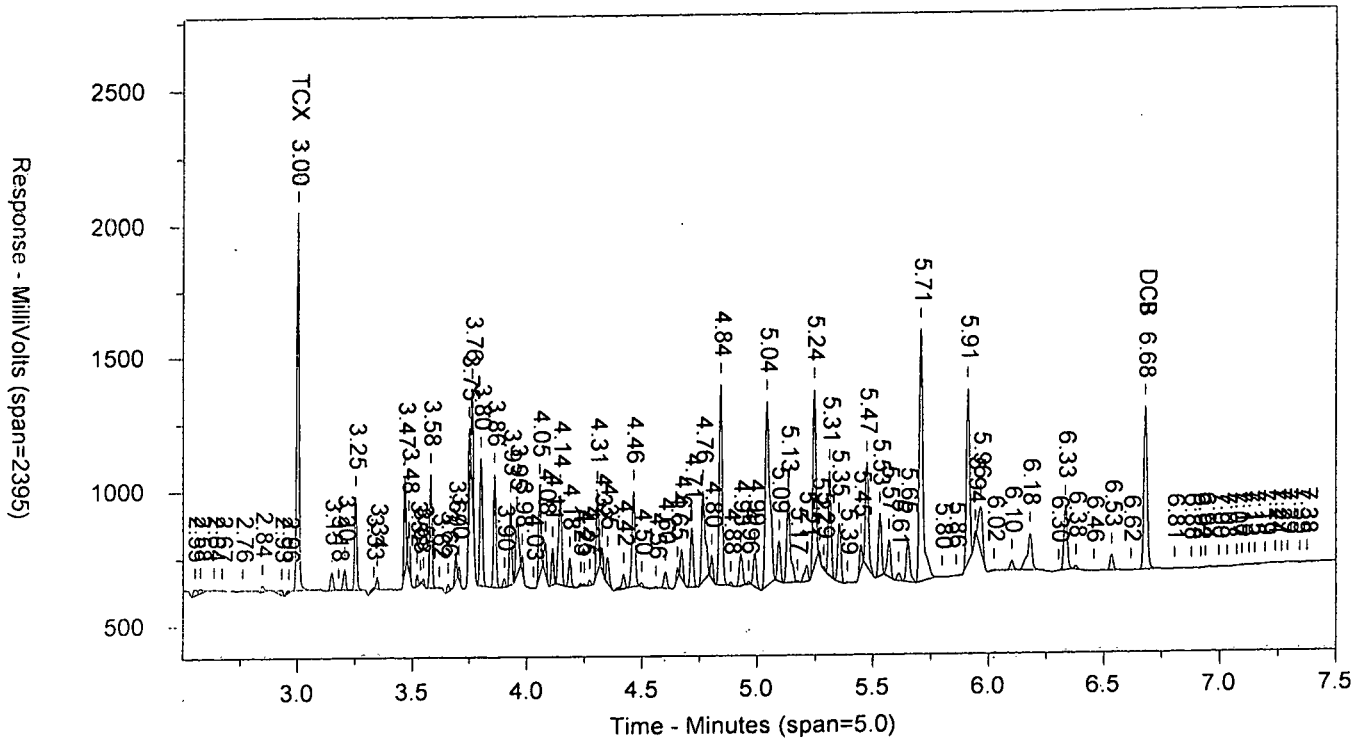

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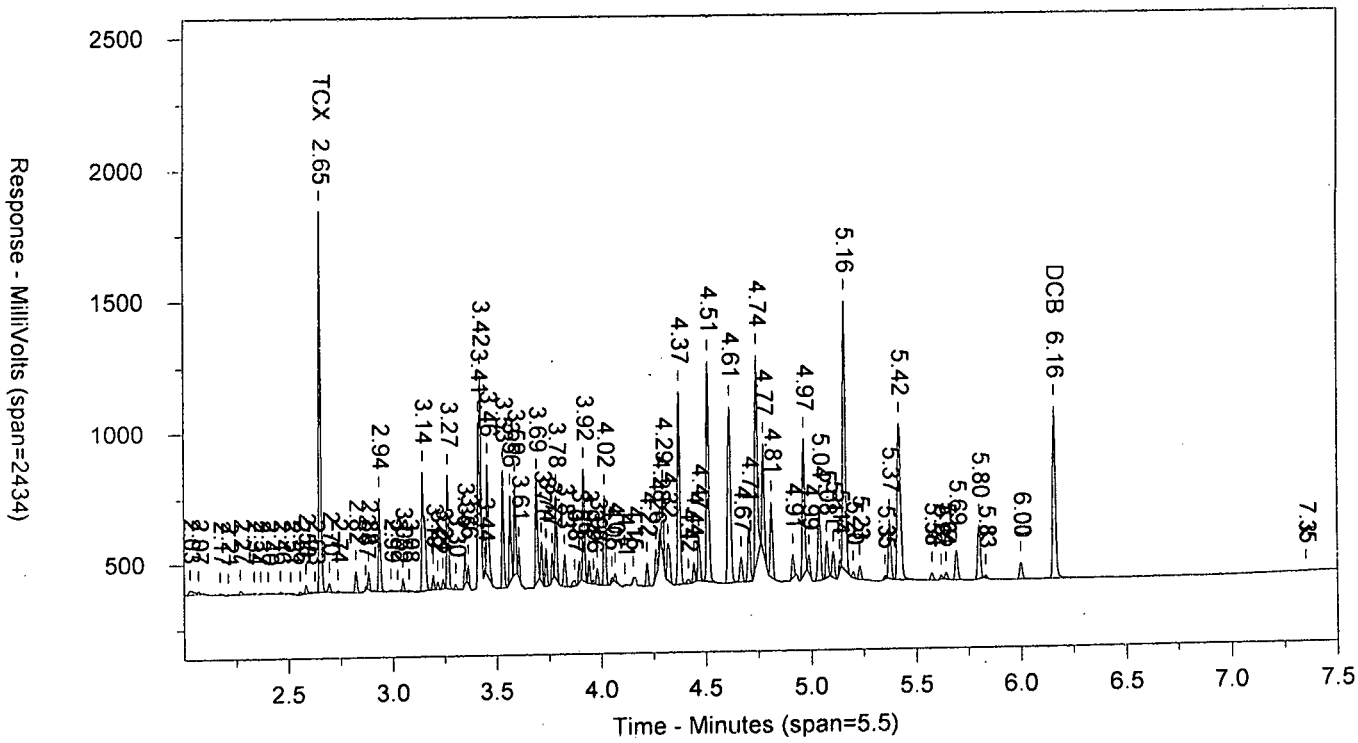

AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082

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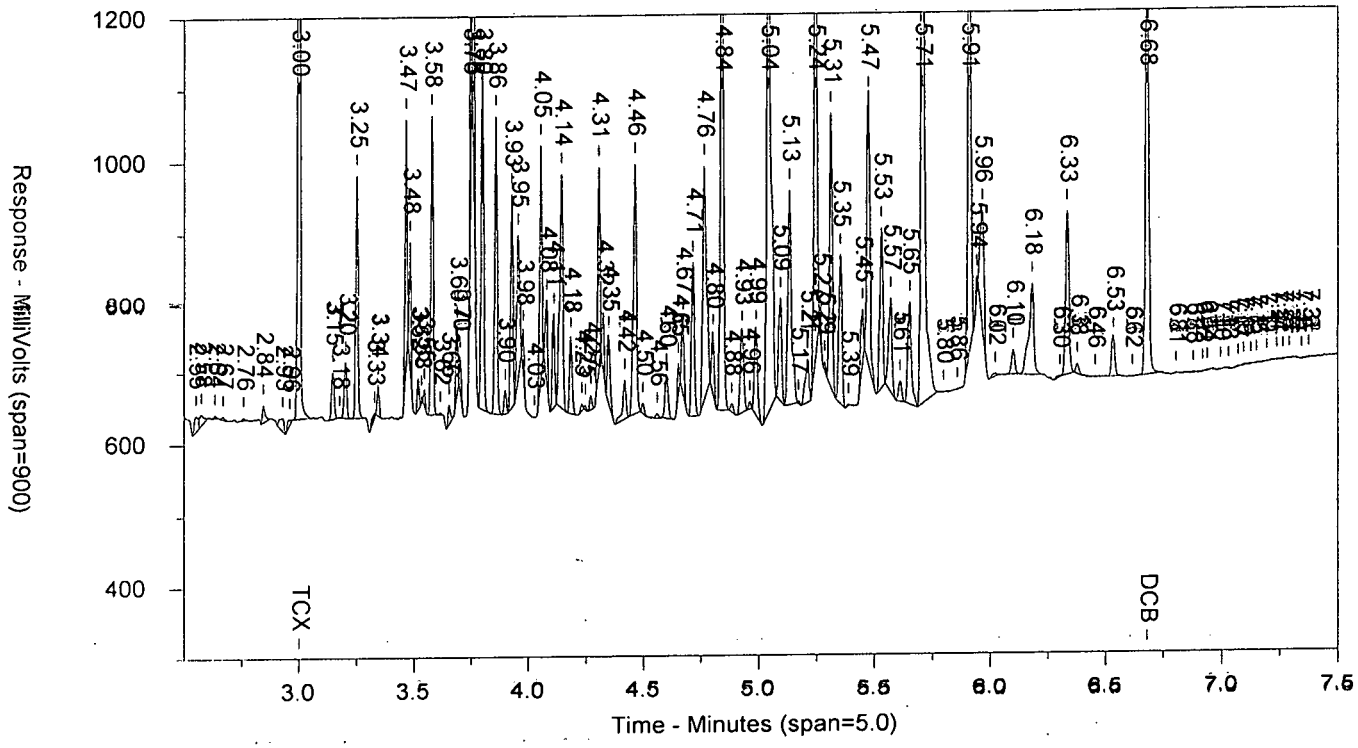

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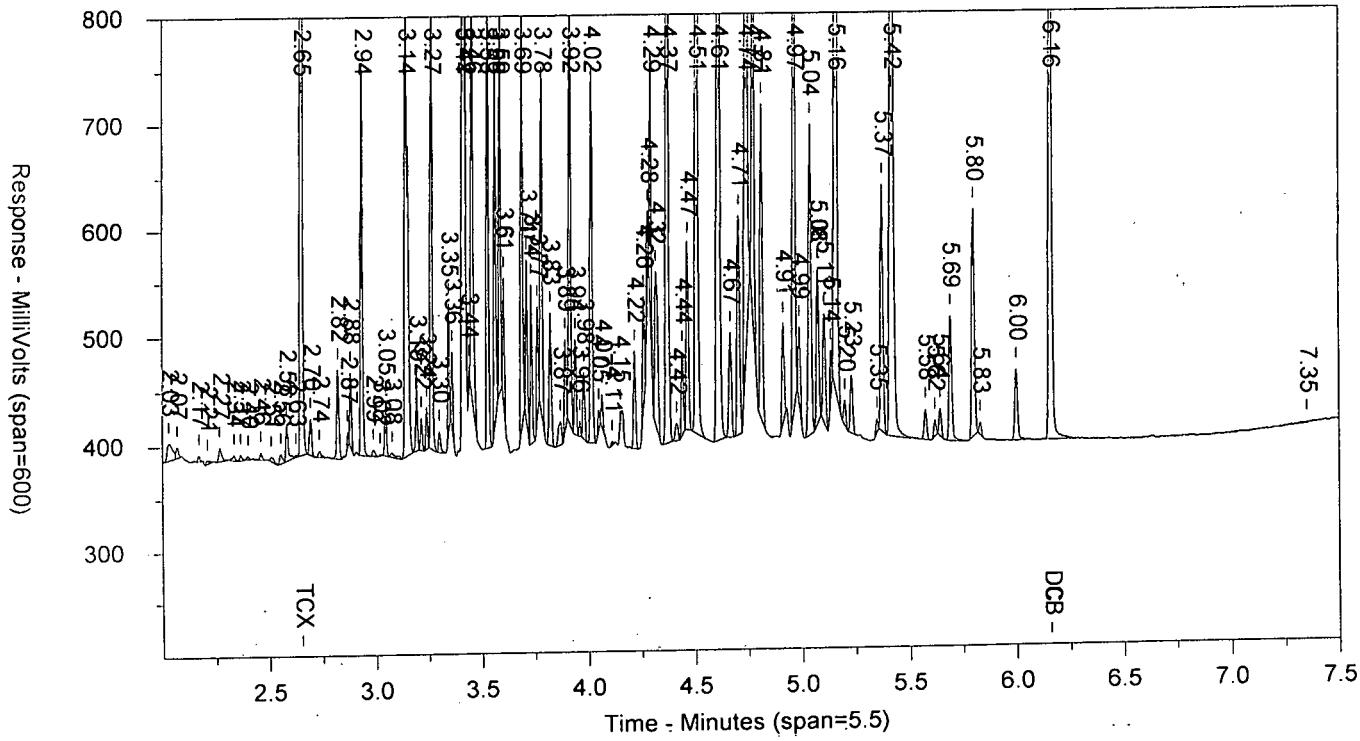

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:56:44 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0009.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.666		7872	34700
1.749		2858	2220
1.792		3531	2047
1.967		4849	3649
2.111		14411	31979
2.149		18998	25939
2.294		37929	28641
2.39		28368	29536
2.433		5973	6404
2.479		3282	2135
2.554		15265	15727
2.575		10536	12450
2.636		8297	6514
2.755		3838	2450
2.843		54322	40511
2.928		17285	25084
2.954		5494	4703
2.998	TCX	7404398	4748448
3.089		5312	5534
3.146		126043	106044
3.2		184451	161027
3.25		668664	478152
3.326		14643	9600
3.343		83841	49830
3.464		684995	409404
3.481		359027	186394
3.517		90827	50051
3.533		16525	6727
3.545		50360	23896
3.578		814739	582863
3.614		5467	3042
3.629		8082	4765
3.653		42822	29021
3.686		189904	111035
3.702		104733	53274
3.747		455463	244694
3.759		779542	393105
3.797		908764	714676
3.857		803374	607186
3.898		74421	49960
3.925		568798	418537
3.953		400941	349440
3.976		111655	56821
4.052		632686	441531
4.076		237345	155136
4.107		259477	184295
4.142		637026	636837
4.183		212387	170987
4.229		30244	29289
4.269		47641	33476
4.304		583233	424138
4.322		137164	74127
4.347		176640	138614

RT A	Compound A	Height A	Area A
4.416		102945	87574
4.46		658136	645616
4.495		27057	18959
4.558		11744	8825
4.599		118067	116261
4.652		85074	54094
4.669		185128	129972
4.714		428559	381183
4.762		641045	715207
4.8		150804	111064
4.838		1420301	1308357
4.884		22992	18377
4.926		225067	240211
4.961		25486	17836
4.987		241053	224608
5.039		1404227	1799862
5.091		300237	274664
5.13		620079	691020
5.173		10962	5947
5.21		131785	156581
5.243		1332955	1199478
5.265		51174	24950
5.285		26069	12165
5.309		709904	650159
5.352		450437	419254
5.446		186176	150126
5.47		789554	716850
5.527		463033	425454
5.565		280812	275356
5.607		63903	64629
5.648		282425	309182
5.704		1915731	2096801
5.792		3107	3575
5.852		1587	565
5.908		1242937	1183322
5.939		69601	46155
5.963		330392	370517
6.04		1961	833
6.074		1528	309
6.098		127155	125648
6.163		16343	19967
6.177		181850	142323
6.289		1666	871
6.331		453266	472724
6.375		28605	26557
6.422		1393	580
6.531		153683	158693
6.629		1426	665
6.677	DCB	2656202	2752793
6.807		2265	1331
6.903		1784	636
6.947		1367	349
7.072		1750	1849
7.128		2076	1368
7.18		1010	1309
7.237		1258	448
7.279		1471	935
7.369		1754	1903
7.506		1412	445
7.575		1540	949
7.59		2204	970
7.601		1827	897
7.678		1628	899
7.697		1615	1534
7.75		1526	778
7.941		1438	392

RT A	Compound A	Height A	Area A
7.97		1542	482
8.066		1789	1582
8.104		2182	1282
8.221		1437	935
8.23		2348	567
8.244		1753	926
8.386		2148	424
8.452		1511	337
8.481		2032	453
8.502		1448	836

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:56:44 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0009.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.559		4407	4105
1.588		7017	11570
1.661		4597	4236
1.764		7772	9641
1.826		2689	4962
1.868		6654	7073
1.966		48749	47921
2.033		18803	32183
2.07		8735	6907
2.092		13487	8925
2.173		6895	6875
2.209		1847	822
2.271		12207	10981
2.337		8917	7111
2.367		5770	3928
2.4		1978	1725
2.462		6575	4939
2.513		6659	13063
2.555		13348	14638
2.584		75925	61592
2.653	TCX	7774236	4653896
2.696		63156	44668
2.74		7805	8433
2.824		153737	108148
2.871		76482	35121
2.884		117260	59356
2.908		3801	2204
2.936		691963	435296
2.987		24048	15666
3.047		100590	61514
3.077		4831	4809
3.143		889610	871115
3.195		110744	66940
3.216		56363	31307
3.241		80531	44585
3.265		874149	567458
3.302		38261	23708
3.328		8446	3649
3.347		224075	119580
3.363		131570	62416
3.39		3954	1735
3.413		493460	224759
3.422		935046	394092
3.442		36639	14629
3.456		852437	578302
3.53		931354	570455
3.564		649414	397821
3.587		711838	388751
3.605		232055	114102
3.69		783058	518997
3.713		309893	169053
3.735		286231	172031
3.765		199906	103975
3.783		656267	391652

3.825		241187	173871
3.872		41447	38738
3.894		161473	97042
3.915		857735	554016
3.941		176469	106557
3.961		31053	14776
3.98		113178	70843
4.016		664911	475617
4.05		36499	21902
4.066		64053	37243
4.113		3403	2132
4.129		6348	4251
4.153		20805	11842
4.161		24788	11115
4.195		3691	1793
4.219		190358	132362
4.262		201927	121982
4.281		150932	77948
4.294		469768	261881
4.319		291981	287893
4.372		1495484	1127932
4.418		26795	27060
4.442		142870	96484
4.467		341523	246132
4.509		1675260	1315983
4.613		1344837	1326321
4.667		195964	161892
4.705		383882	346520
4.742		1631334	1360012
4.774		828582	597299
4.813		576973	456793
4.882		3231	3097
4.913		205118	208025
4.964		1036473	826692
4.988		144712	91513
5.039		551361	501182
5.075		280128	216848
5.104		204419	167497
5.136		79130	47251
5.158		2112827	1744716
5.199		43202	32231
5.232		128435	102448
5.351		26011	16339
5.374		451225	368591
5.418		1277236	1433979
5.574		106710	87147
5.619		28475	19603
5.643		110153	87099
5.692		238543	208321
5.799		432583	381067
5.83		25375	17116
5.999		169159	152940
6.157	DCB	3155403	2815283
6.604		1649	1230
7.205		1328	1169
7.371		1506	1013
7.939		1671	3739
8.295		5885	10177

AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082

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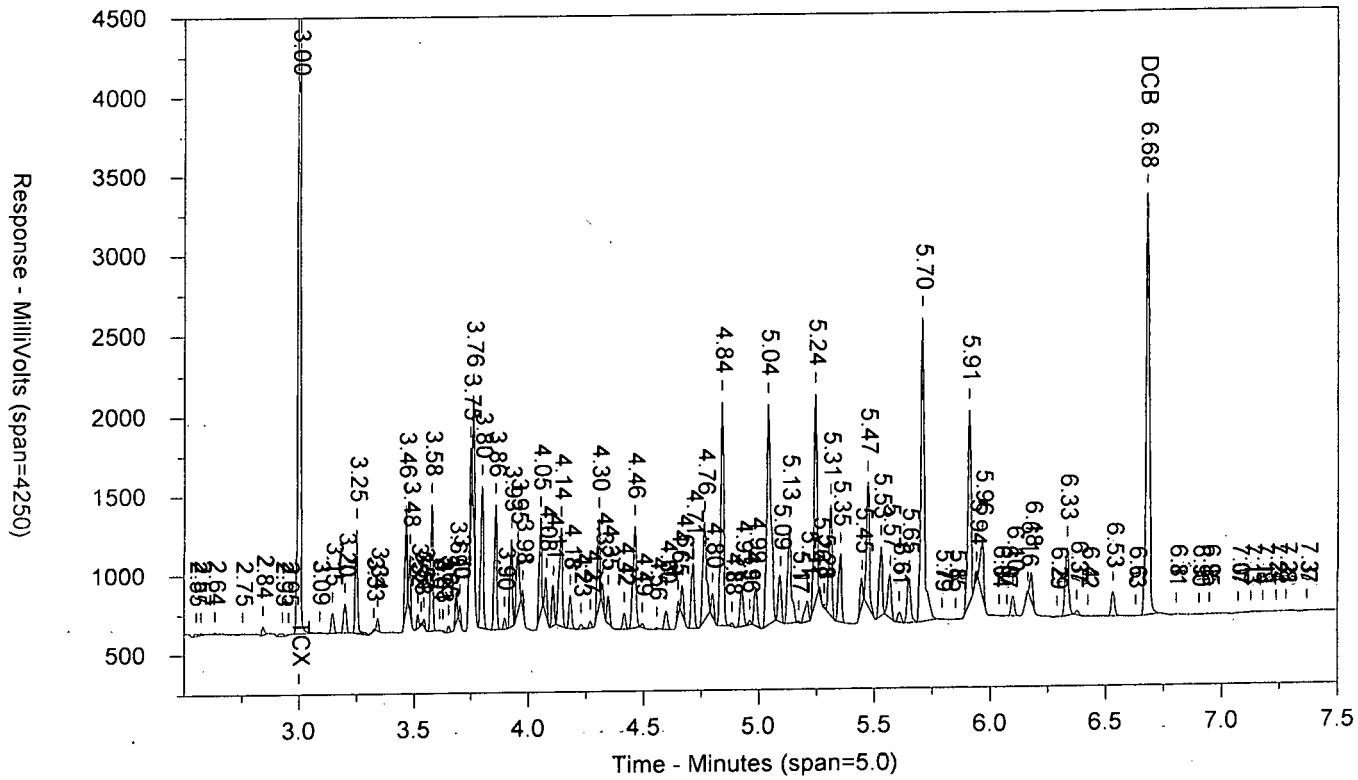

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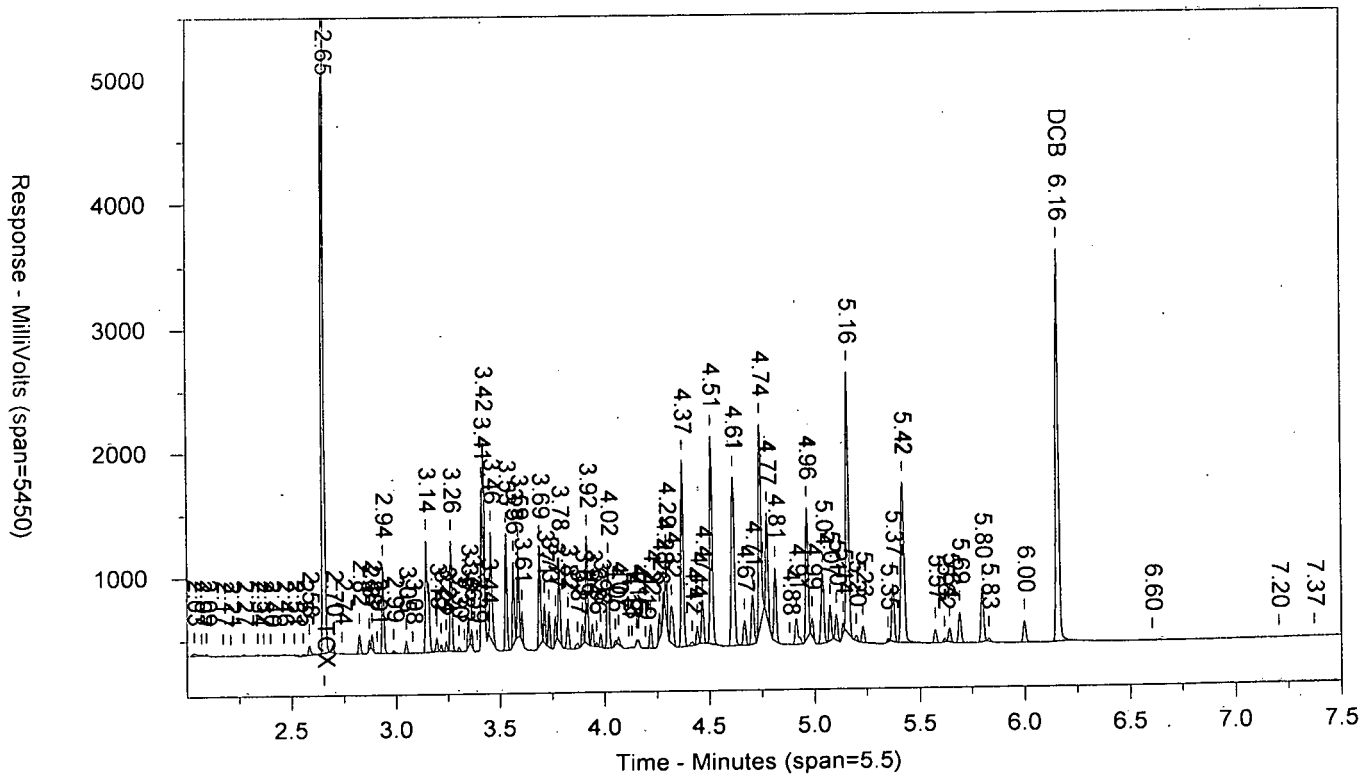

LANCASTER LABORATORIES

Sample Number: AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:56:44 PM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.998	7404398	19.643	TCX	2.653	7774236	19.522	TCX
6.677	2656202	18.456	DCB	6.157	3155403	17.838	DCB

Files:
Area File: 07pcbs17250001.0009.RAW
Area File: 07pcbs17250001B.0009.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:05:26 AM
File Reported On: 9/8/2017 at 12:05:36 AM

AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082

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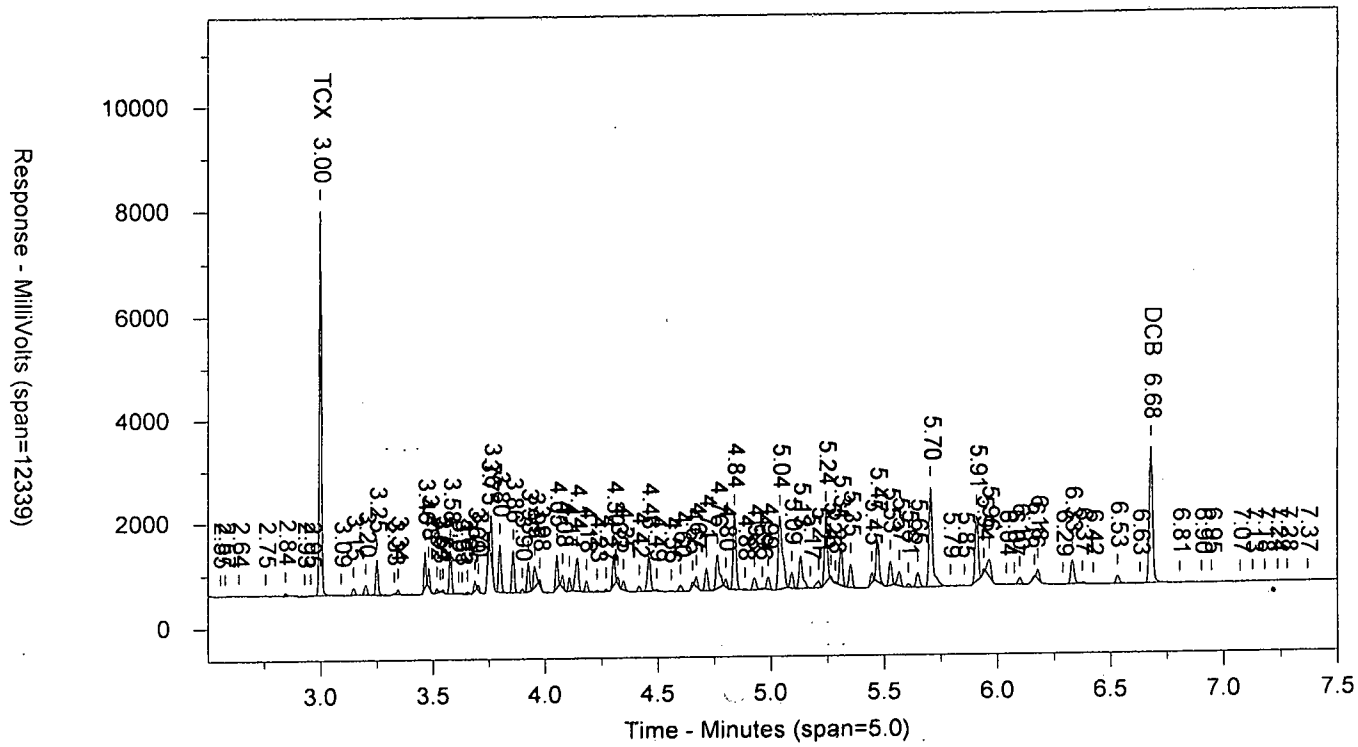

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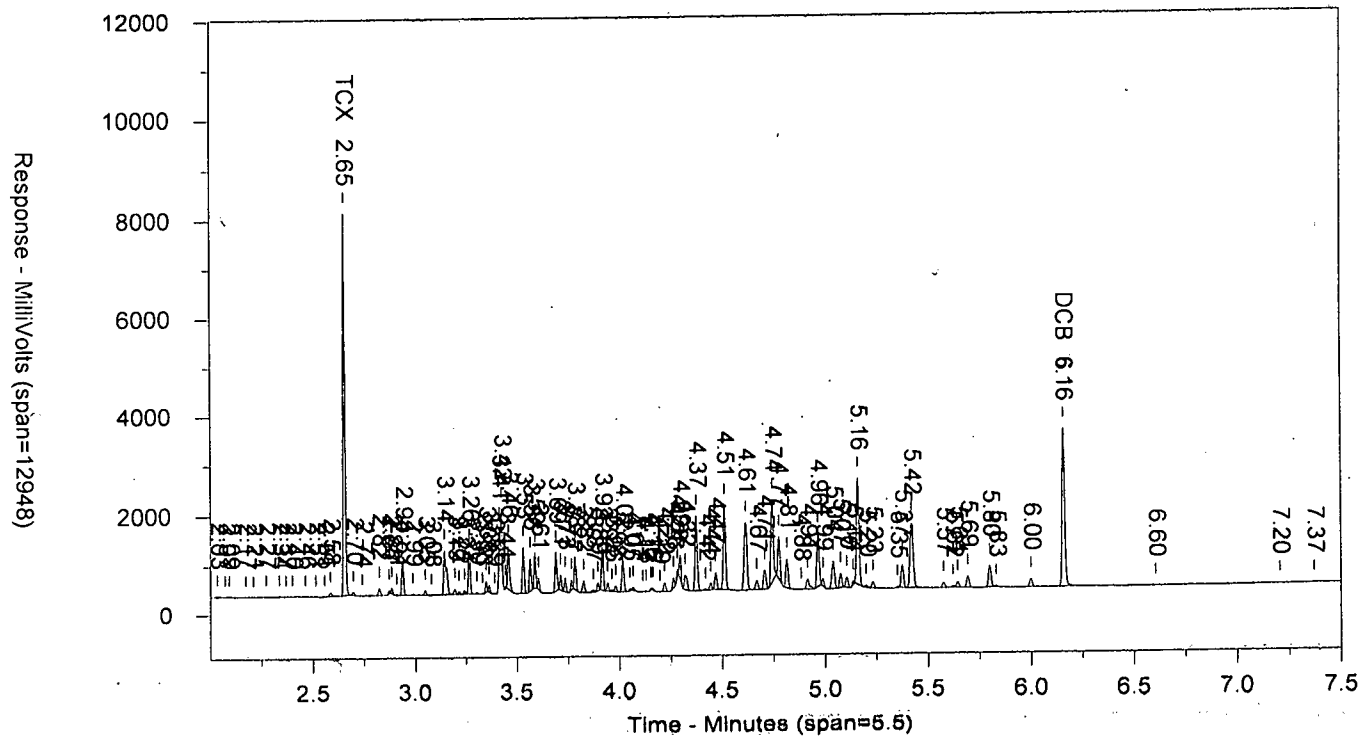

AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082

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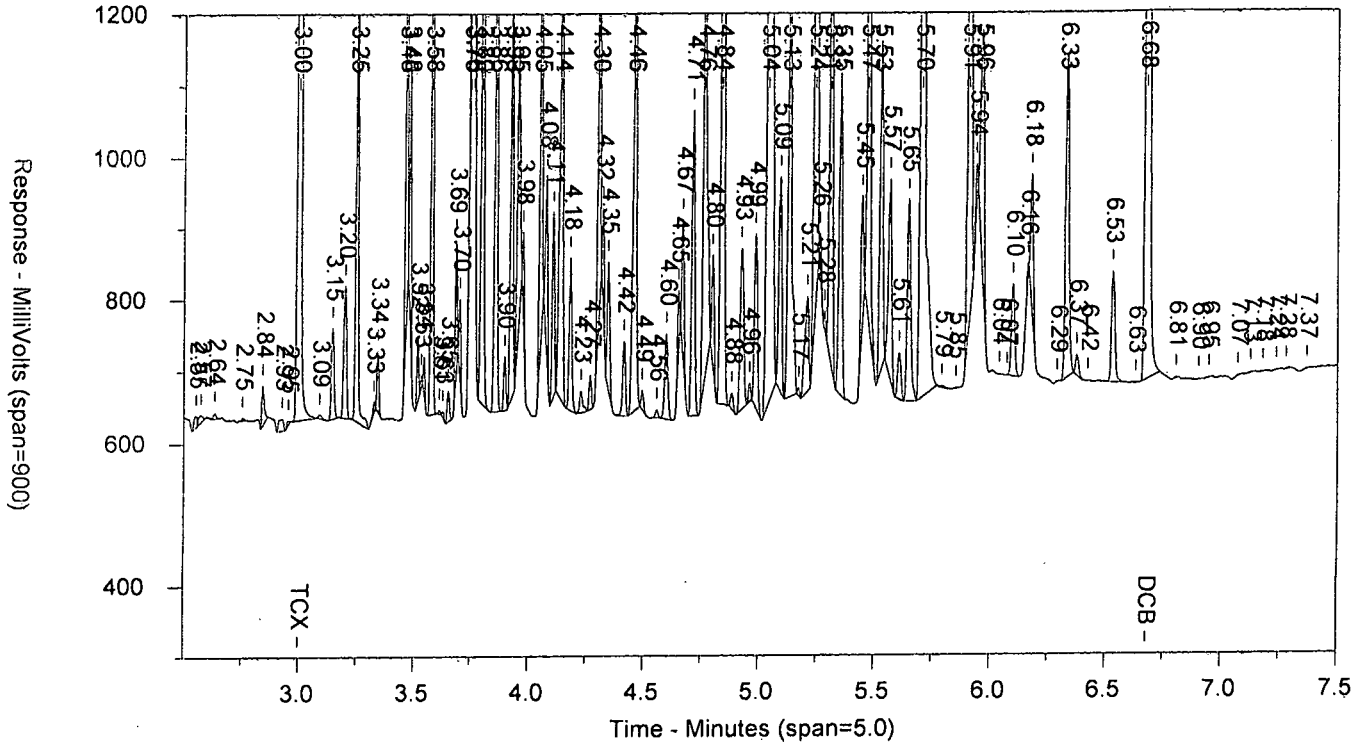

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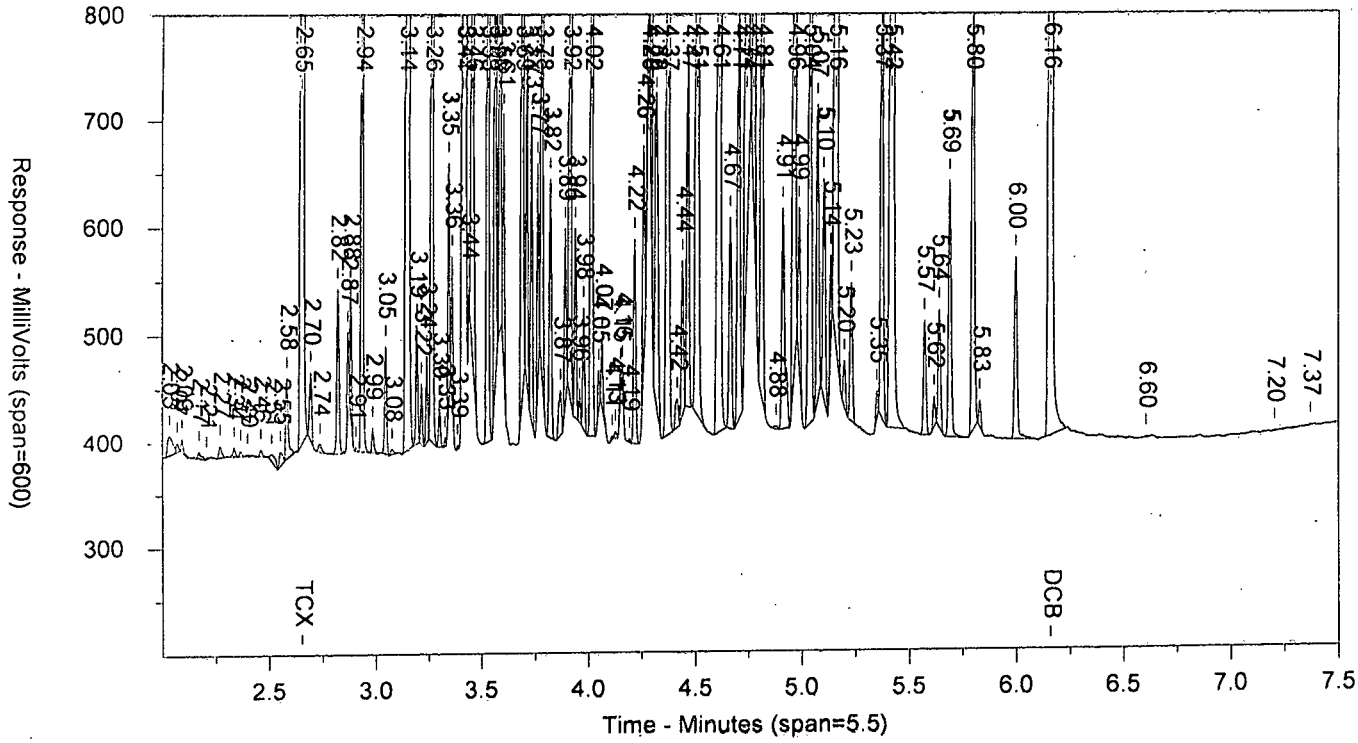

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:08:11 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0010.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.632		15303	13901
1.669		8123	20543
1.878		1734	624
2.113		18116	34051
2.149		13943	21330
2.221		2721	2100
2.295		73971	52208
2.391		13250	6752
2.404		28642	19439
2.435		6594	5492
2.497		1938	924
2.552		13988	16018
2.575		7161	7306
2.635		17082	12502
2.718		2518	1874
2.845		5528	3267
2.92		32876	43644
2.96		3762	5143
2.999	TCX	15672730	9840969
3.147		247849	218392
3.202		351955	320390
3.251		1311878	872258
3.328		26245	13236
3.344		164385	102572
3.387		3558	2374
3.465		1353604	797925
3.482		687169	362572
3.519		176386	99459
3.535		36953	14219
3.547		95594	47220
3.58		1570261	1160792
3.616		9761	4862
3.632		15269	8329
3.655		84596	56706
3.689		372712	220263
3.704		206049	103716
3.748		900823	485597
3.761		1663440	829794
3.799		1841288	1423203
3.859		1640013	1218154
3.9		141424	98926
3.928		1120595	816699
3.955		774316	667091
3.977		192116	107235
4.054		1229948	867554
4.078		455449	301295
4.11		507107	360714
4.144		1318907	1260603
4.185		427745	338292
4.232		63033	57143
4.271		99054	70496
4.306		1179889	856239
4.325		279725	149962

RT A	Compound A	Height A	Area A
4.349		351035	275444
4.42		202664	174435
4.462		1304293	1252671
4.497		57681	40585
4.537		1574	354
4.56		26726	20583
4.601		242243	234583
4.654		**177093**	**113831**
4.671		368267	254649
4.715		843895	751234
4.765		1299956	1413674
4.802		310301	225061
4.841		2855469	2616270
4.885		50282	42842
4.929		451667	477816
4.964		49676	33647
4.989		441514	416197
5.041		2823861	3456015
5.093		568840	516518
5.133		1212233	1332908
5.175		19112	10307
5.212		**243463**	**295162**
5.245		2704916	2383186
5.268		106739	50124
5.287		47817	21033
5.312		1348488	1243796
5.354		859042	804730
5.448		343217	282119
5.473		1459466	1345972
5.528		860374	781450
5.568		501127	515870
5.61		130183	128384
5.65		552612	599548
5.707		3686137	3367020
5.792		2676	3374
5.91		**2407153**	**2256100**
5.941		131682	84753
5.964		555841	636996
6.037		1903	457
6.101		227144	221384
6.165		28411	30512
6.179		319033	271384
6.334		814611	876355
6.377		57363	49951
6.504		2280	1614
6.533		291140	293107
6.679	DCB	5136052	5133055
6.787		2207	673
6.939		1588	781
6.957		1170	410
7.006		1642	389
7.03		1145	576
7.061		1494	456
7.09		1795	400
7.1		1935	1010
7.138		3725	5352
7.201		1123	479
7.231		1213	694
7.28		1076	334
7.324		1803	453
7.381		1790	946
7.42		1843	544
7.465		1289	326
7.498		1513	493
7.578		1289	447
7.634		1209	624

RT A	Compound A	Height A	Area A
7.717		1540	1006
7.746		1244	449
7.792		1665	383
7.828		1822	548
7.938		1575	565
8.032		1984	684
8.126		1178	458
8.168		1723	490
8.201		1035	282
8.223		2079	1683
8.282		1964	416
8.41		1268	734
8.474		911	526
8.538		1936	500
8.569		1862	842
8.631		1977	805

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:08:11 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0010.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		2566	2988
1.833		5897	6642
1.967		76535	60465
2.032		10661	20338
2.092		28497	19242
2.186		3471	4366
2.223		2413	4319
2.272		6396	8836
2.337		18283	13861
2.401		3282	2565
2.512		11163	27566
2.583		16046	45494
2.61		3113	1720
2.653	TCX	15583210	9467783
2.696		120249	86361
2.824		300017	207458
2.871		148000	69171
2.884		240363	119045
2.937		1345072	849240
2.987		41376	25081
3.048		191580	120276
3.144		1717056	1691411
3.195		220297	133442
3.216		117453	64686
3.242		152401	85394
3.265		1678713	1117421
3.303		80962	47985
3.329		10378	4499
3.348		449744	235710
3.364		246667	119688
3.39		3576	1396
3.414		863669	423542
3.423		1842106	786553
3.443		74750	27465
3.457		1698858	1156790
3.531		1850989	1151443
3.565		1303986	779647
3.589		1401445	768734
3.606		442721	220078
3.692		1610103	1022777
3.715		590602	323105
3.736		566476	335599
3.766		387478	204968
3.784		1287783	782567
3.826		481845	344452
3.873		83474	79744
3.895		321578	194983
3.917		1656336	1091134
3.943		357672	210467
3.962		61046	29812
3.981		208537	128044
4.018		1332170	923005
4.052		74695	42397
4.067		119810	73252

4.113		6286	3333
4.129		13314	9243
4.154		**30419**	**21522**
4.163		46113	22817
4.196		6445	3437
4.221		363341	261220
4.263		387544	238608
4.282		318784	159409
4.295		936894	534048
4.32		534697	556793
4.373		2958760	2237133
4.418		57139	56030
4.444		279964	187433
4.468		643465	474513
4.512		3415482	2609999
4.615		2811927	2658981
4.668		**389867**	**314898**
4.707		771708	671493
4.743		3395300	2734985
4.776		1667010	1156386
4.814		1170643	895591
4.872		4223	6304
4.915		410409	408991
4.967		2035516	1639307
4.99		275138	174392
5.041		1066148	972014
5.077		527594	419926
5.106		386154	325175
5.138		155576	91576
5.16		4458896	3542130
5.201		84380	60208
5.233		255250	203715
5.352		51473	31998
5.375		865807	711108
5.42		2524940	2852353
5.576		181070	157553
5.621		58456	39247
5.644		197602	151299
5.693		468201	402321
5.8		856306	726774
5.832		46894	33278
6		300395	258450
6.159	DCB	6323942	5388801
6.608		4103	3457
6.776		1290	1242
7.911		1251	956
8.291		6151	11192

AR1641724B **AAAR164AA** **ICAL 1724999999** **10736** **SW-846 8082**

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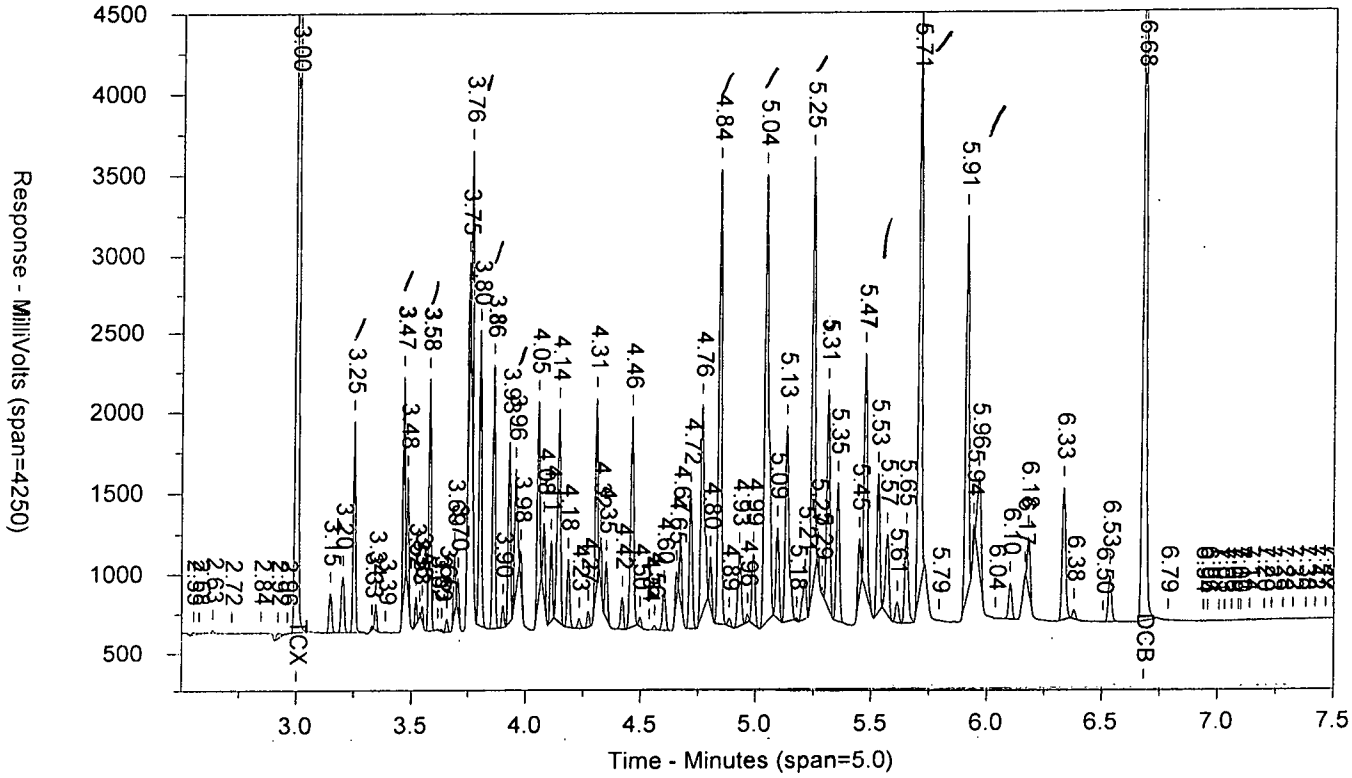

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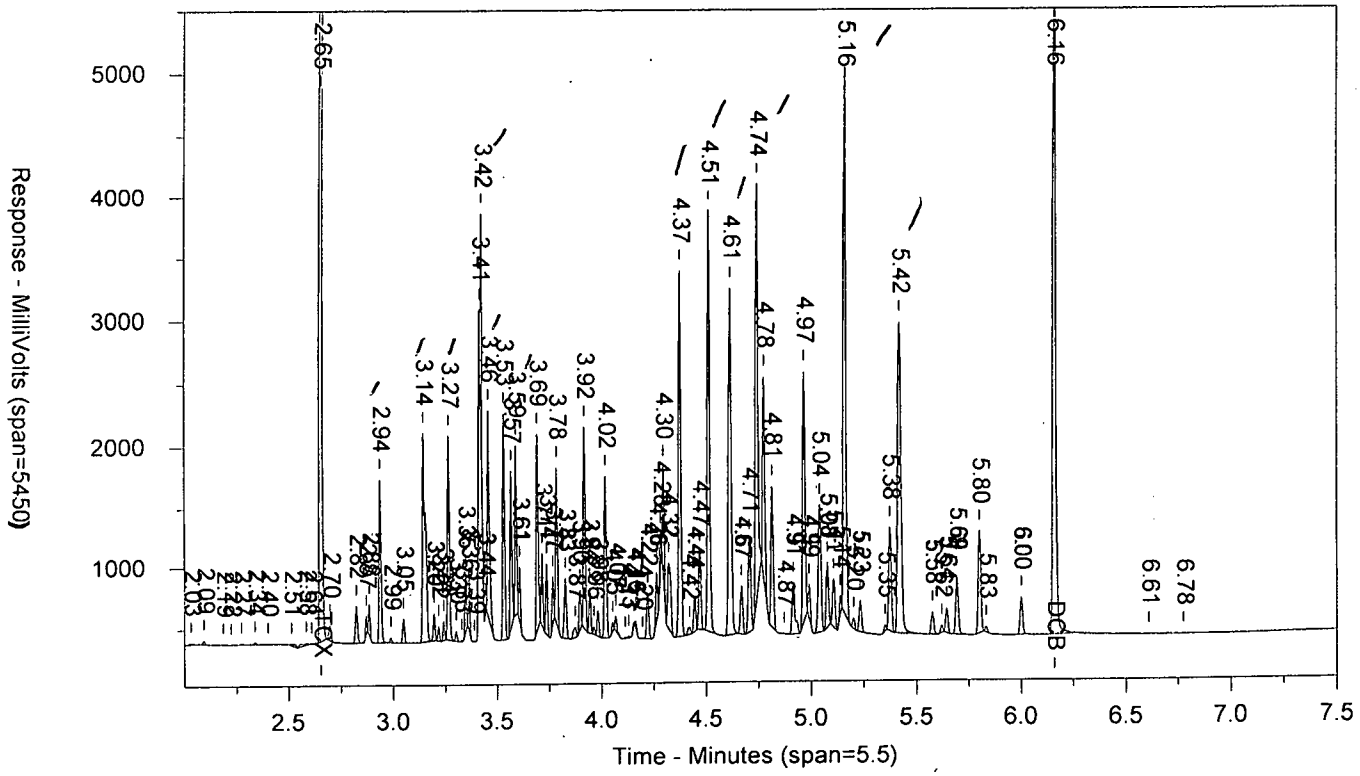

LANCASTER LABORATORIES

Sample Number: AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:08:11 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	15672730	41.701	TCX	2.653	15583210	39.357	TCX
6.679	5136052	35.903	DCB	6.159	6323942	36.41	DCB

Files:
Area File: 07pcbs17250001.0010.RAW
Area File: 07pcbs17250001B.0010.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:16:53 AM
File Reported On: 9/8/2017 at 12:17:02 AM

AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082

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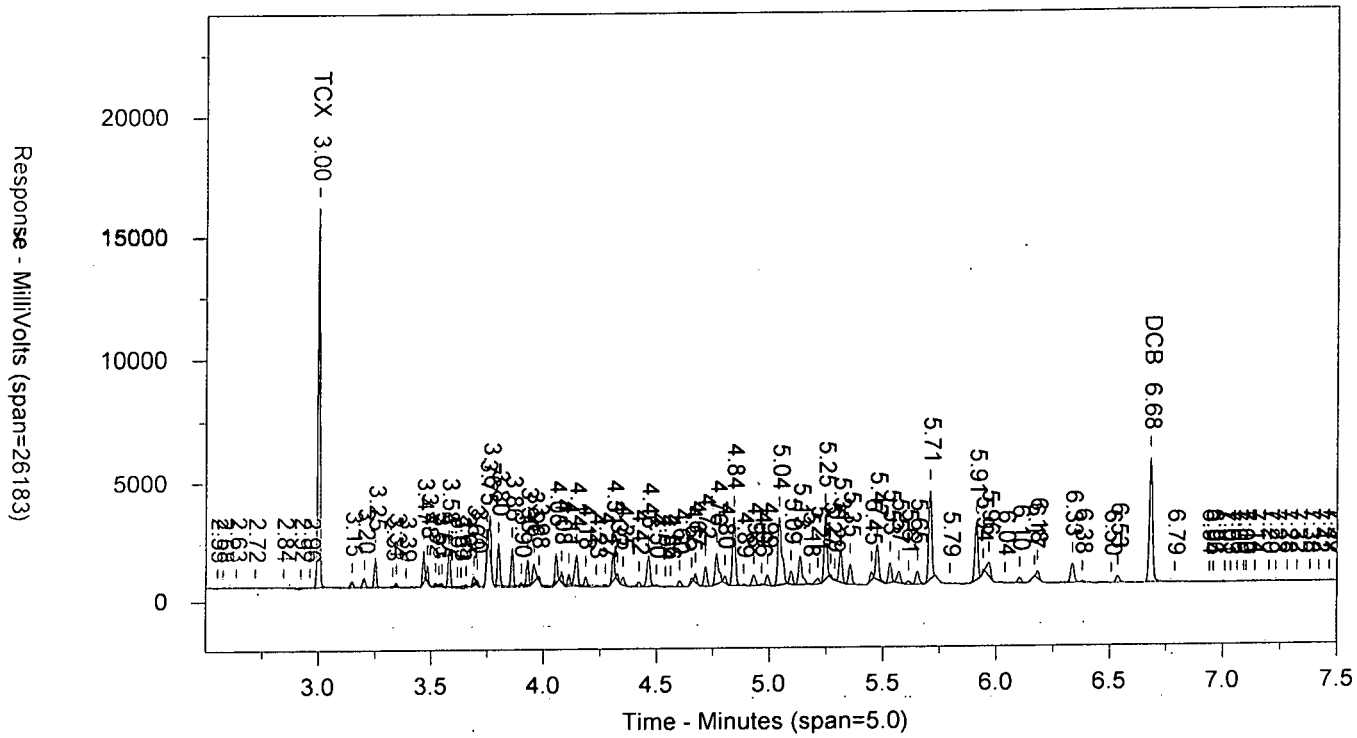

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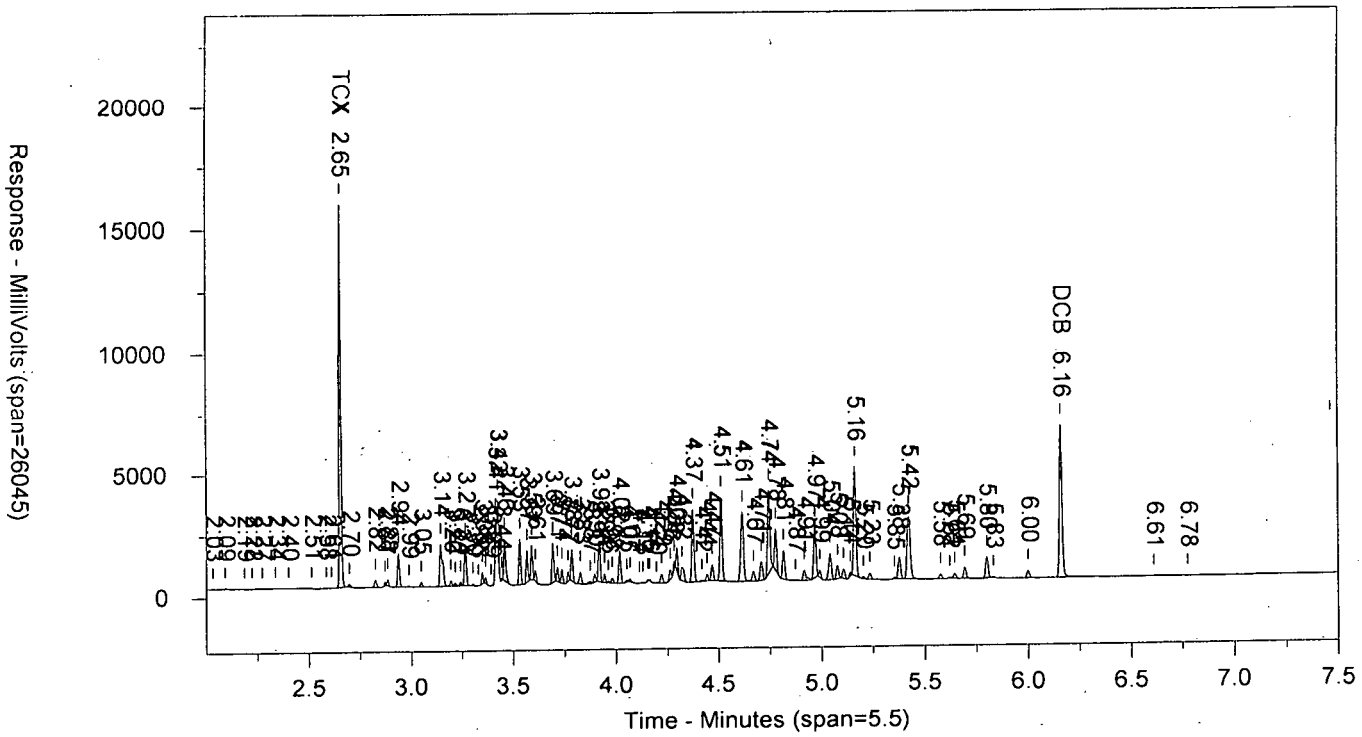

AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082

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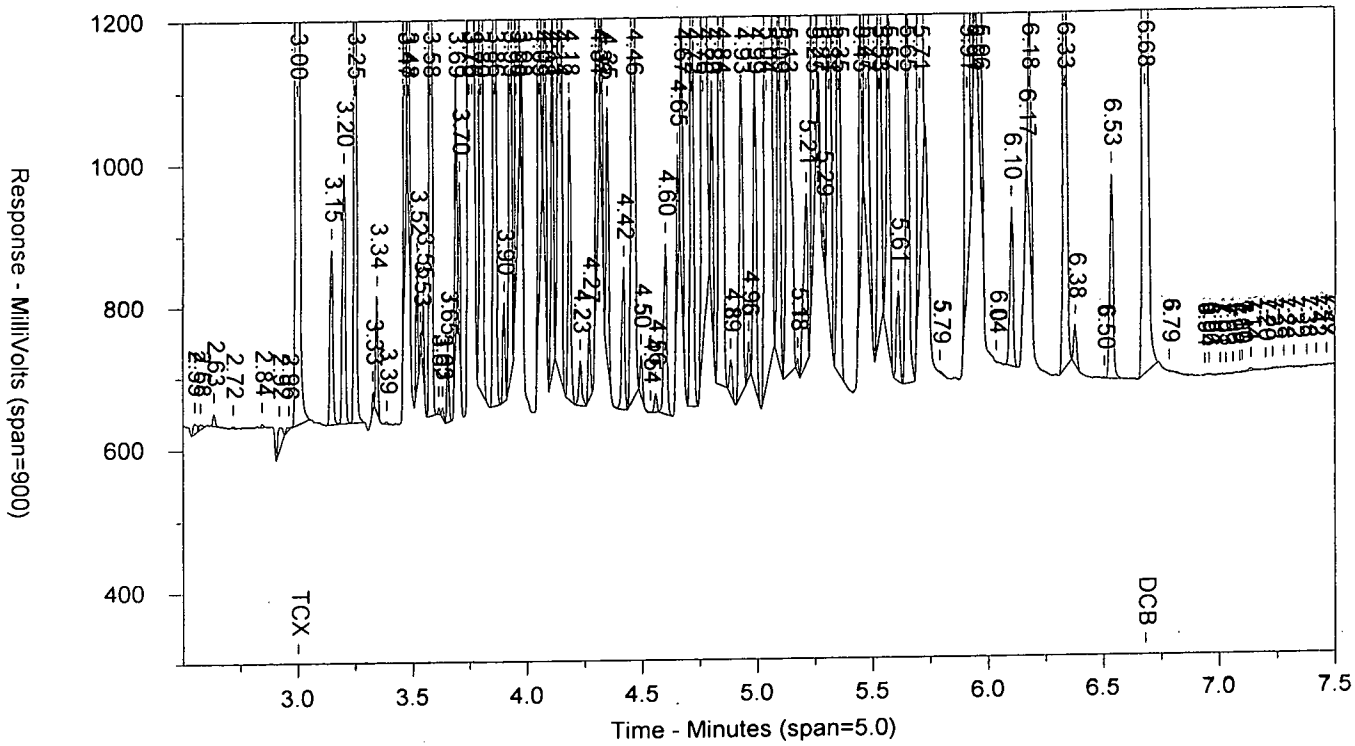

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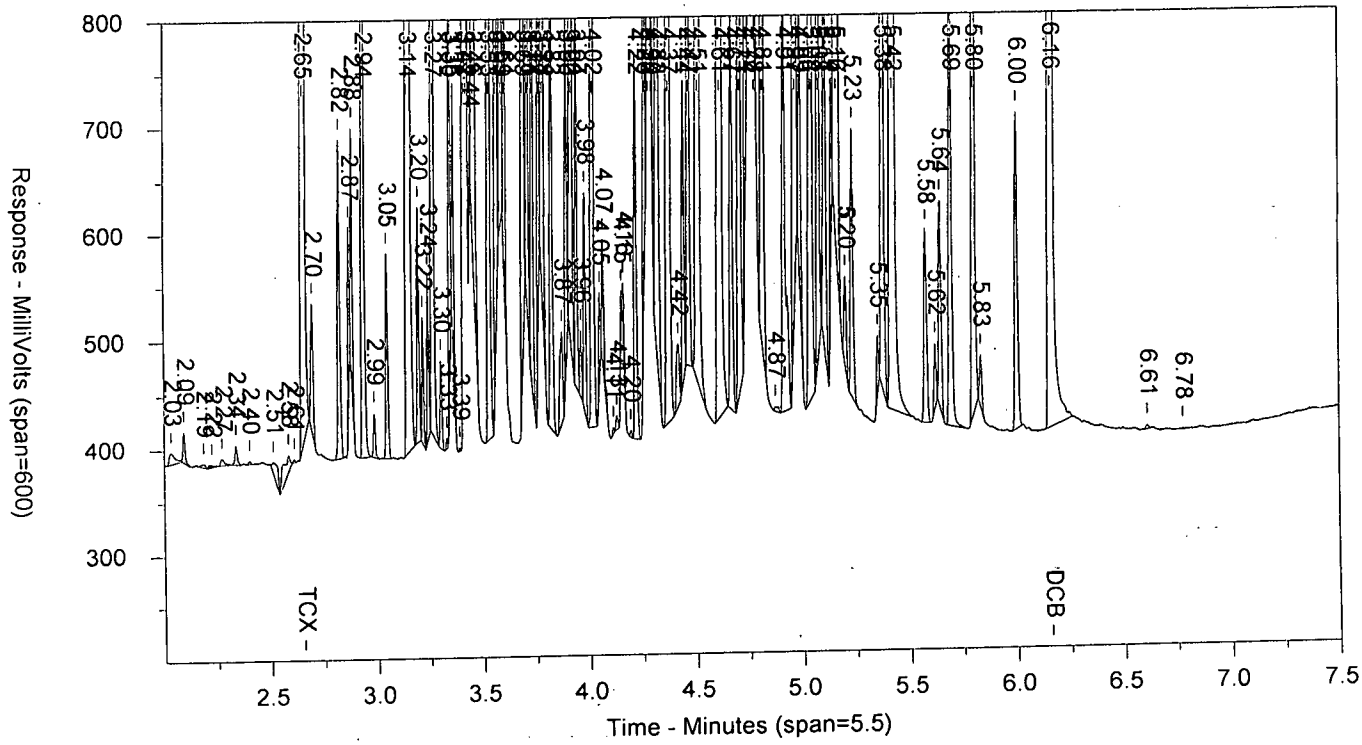

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:19:40 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0011.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		23656	26320
1.668		11394	23019
1.79		3536	1983
2.038		5299	10696
2.112		23114	51727
2.147		19099	27962
2.222		4204	3335
2.295		113269	85300
2.391		34326	21956
2.404		44449	29824
2.433		8077	8921
2.497		3671	2127
2.55		16805	15648
2.635		42157	31141
2.845		17719	12671
2.912		16326	24901
2.962		7854	11630
3	TCX	23521100	14792200
3.147		563255	489171
3.203		700770	610955
3.251		3051780	2012090
3.328		36656	17603
3.344		362726	232742
3.385		10735	6857
3.465		3057455	1822257
3.482		1539932	820510
3.519		390477	223151
3.535		82011	31525
3.547		206451	102961
3.58		3824135	2672302
3.617		20274	10792
3.632		29903	15642
3.655		190408	129331
3.689		834301	481736
3.704		462961	230780
3.749		2349604	1202135
3.76		4059212	2057325
3.8		4310326	3378268
3.858		4024160	2908835
3.9		325135	222001
3.928		2600443	1878270
3.955		1923147	1601062
3.978		453737	246034
4.029		2519	1053
4.054		3036176	2071436
4.079		1100581	730504
4.11		1147451	830522
4.144		3176803	2997121
4.185		934641	771884
4.231		156421	131569
4.271		219546	164223
4.307		2659440	1983146
4.326		735921	382472

RT A	Compound A	Height A	Area A
4.349		825485	629664
4.42		450087	397039
4.463		3124568	2928563
4.497		127459	94666
4.559		57640	45682
4.601		542176	525013
4.654		377821	255960
4.672		790730	562272
4.716		2003781	1744943
4.764		3227034	3341145
4.803		754030	537243
4.842		7150358	6311717
4.886		112440	97059
4.928		1035378	1091492
4.963		100404	69384
4.989		1070080	965477
5.041		7089278	8468582
5.093		1354175	1197662
5.132		3031948	3248504
5.174		45843	23302
5.212		536005	646357
5.246		6870037	6025941
5.267		226623	111401
5.286		113438	52869
5.312		3527219	3029534
5.353		1987348	1889552
5.448		832412	650130
5.473		3822787	3314910
5.529		2063930	1860180
5.568		1187095	1173289
5.61		270401	270096
5.65		1309872	1411498
5.706		9840190	10022610
5.794		4781	4951
5.911		5984682	5393756
5.942		274098	170202
5.965		1279422	1390641
6.006		6223	5890
6.1		369070	359260
6.18		1122162	1684436
6.289		1999	1038
6.333		1893860	1918038
6.377		127950	113781
6.501		2041	991
6.533		588860	605098
6.68	DCB	7322093	7608649
6.948		1341	409
7.056		1789	1056
7.071		1690	652
7.097		2434	778
7.108		2389	496
7.141		5458	7657
7.228		1722	1181
7.282		1834	932
7.362		1287	504
7.399		1569	904
7.431		1726	1116
7.446		1588	979
7.51		1401	485
7.684		1515	574
7.756		2012	1247
7.87		1952	507
7.954		1808	1505
7.998		1668	400
8.039		1365	420
8.185		1727	1043

RT A	Compound A	Height A	Area A
8.382		1313	380
8.403		1732	581
8.443		1707	658
8.476		1621	400
8.577		1491	385
8.596		1487	393

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:19:40 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0011.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.551		2599	1896
1.588		4777	3512
1.655		3023	2837
1.73		2778	4278
1.762		9919	14698
1.832		4959	13144
1.85		2495	1636
1.966		113381	100266
2.032		12498	19650
2.092		41575	28653
2.182		4799	7001
2.225		3025	4551
2.271		8722	8017
2.337		42153	30313
2.37		2141	1174
2.399		3161	2363
2.461		2603	2108
2.512		3588	3912
2.555		4848	4789
2.583		25527	15606
2.609		7497	4475
2.653	TCX	24188140	14324390
2.696		259385	198199
2.824		658471	461766
2.87		197185	92623
2.884		568059	293424
2.937		3033606	1919902
2.987		61151	36728
3.048		422886	274459
3.144		3843472	3841588
3.195		492208	304477
3.217		257099	147220
3.242		345707	189393
3.266		3982540	2567103
3.303		184461	110460
3.33		15285	6319
3.348		1050597	542905
3.364		603974	287051
3.391		7536	3266
3.414		2175874	1039459
3.424		4698705	2049724
3.443		164667	57265
3.457		4185390	2764471
3.531		4628349	2762042
3.566		3015289	1819735
3.589		3353200	1809553
3.607		1030300	506461
3.692		3715701	2428003
3.715		1437503	762021
3.736		1287300	771535
3.767		883953	475631
3.784		3073068	1858643
3.826		1093322	793132
3.873		182140	174846

3.896		701389	426060
3.918		4178603	2607443
3.943		823001	488835
3.963		147970	69869
3.982		461611	285669
4.018		3137444	2165767
4.052		175887	102947
4.068		282364	167623
4.112		12480	6960
4.13		33245	22782
4.154		74094	44639
4.163		125777	57924
4.196		13661	6313
4.221		866137	603759
4.264		877214	540790
4.282		779957	398004
4.296		2331049	1290775
4.321		1290297	1294276
4.374		7387740	5397892
4.419		129475	124438
4.444		666677	430043
4.469		1551940	1117553
4.511		8430357	6346724
4.615		7070690	6499639
4.669		873234	737134
4.707		1789140	1547273
4.743		8521979	6827559
4.776		4173693	2855711
4.815		2852051	2166365
4.886		10061	11198
4.915		855769	615273
4.932		83552	42247
4.967		5353354	4026984
4.991		660282	421328
5.041		2526151	2282784
5.077		1196754	980907
5.107		923993	749124
5.138		394300	232762
5.161		10882510	8873266
5.202		208876	149451
5.234		510507	410042
5.273		7375	5510
5.353		115266	70823
5.376		2092708	1661949
5.421		6463348	6974114
5.577		306404	265843
5.621		134580	95392
5.645		299875	234393
5.693		1002805	913171
5.8		2029513	1687957
5.832		102323	75653
6		621854	566697
6.123		1543	1016
6.159	DCB	8862076	7971423
6.607		5738	5511
7.031		1625	1934
7.456		1361	1813
8.296		7010	13942

AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082

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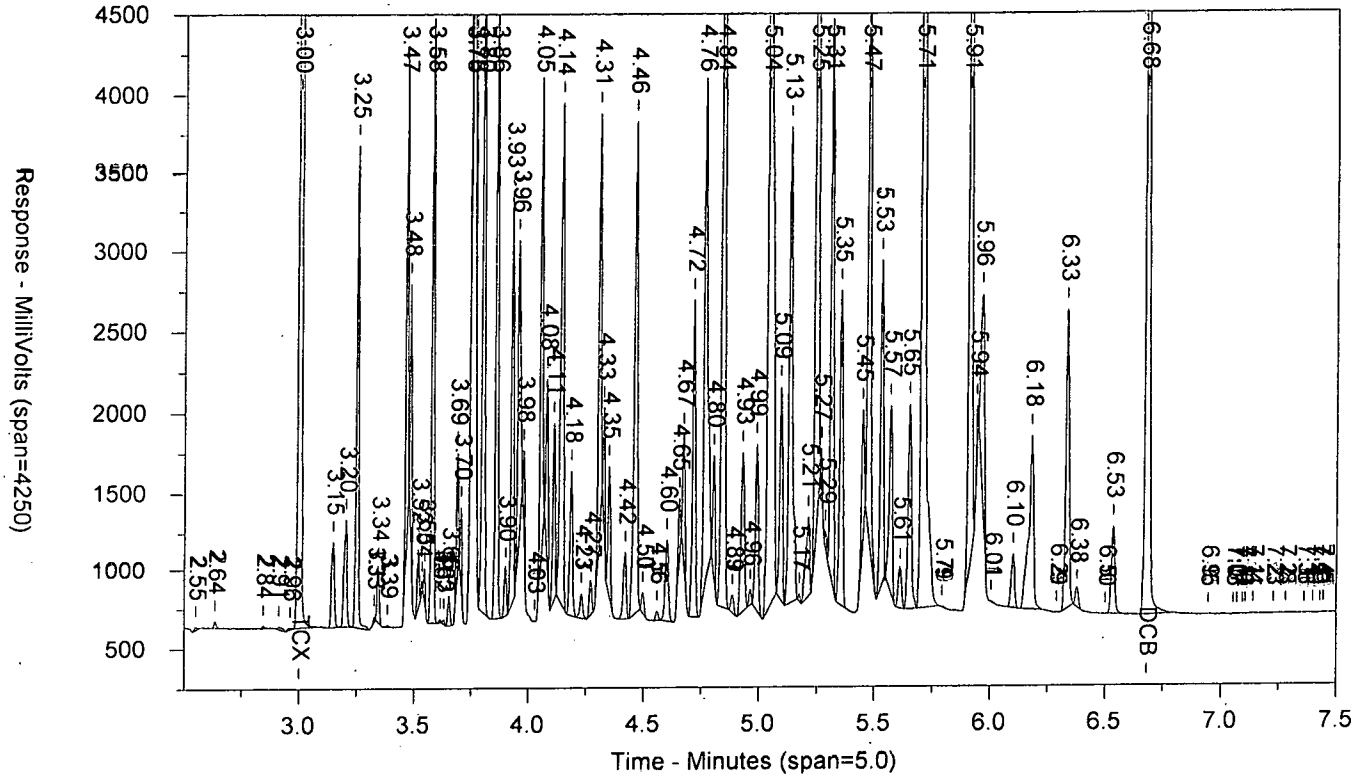

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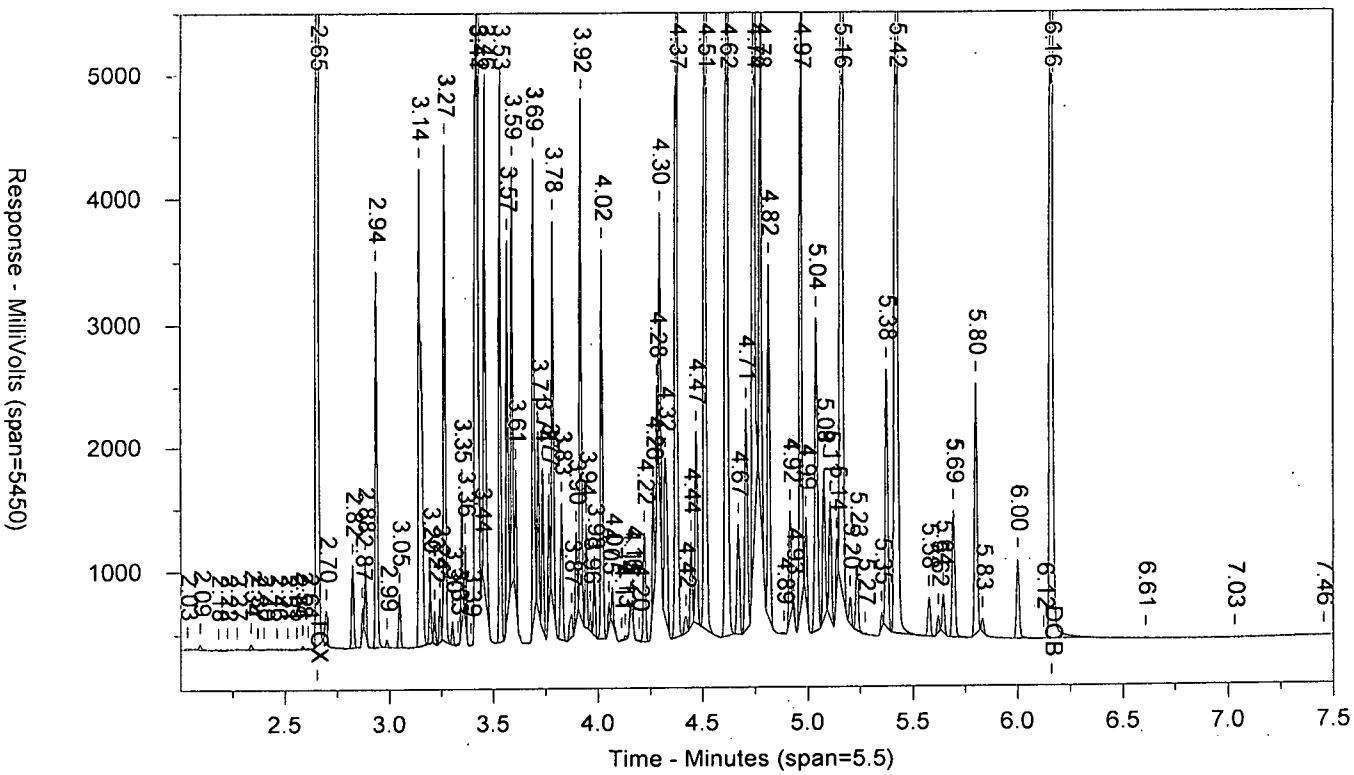

LANCASTER LABORATORIES

Sample Number: AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:19:40 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
3	23521100	62.492	TCX	2.653	24188140	61.511	TCX
6.68	7322093	51.951	DCB	6.159	8862076	52.445	DCB

Files:
Area File: 07pcbs17250001.0011.RAW
Area File: 07pcbs17250001B.0011.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:28:23 AM
File Reported On: 9/8/2017 at 12:28:38 AM

AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082

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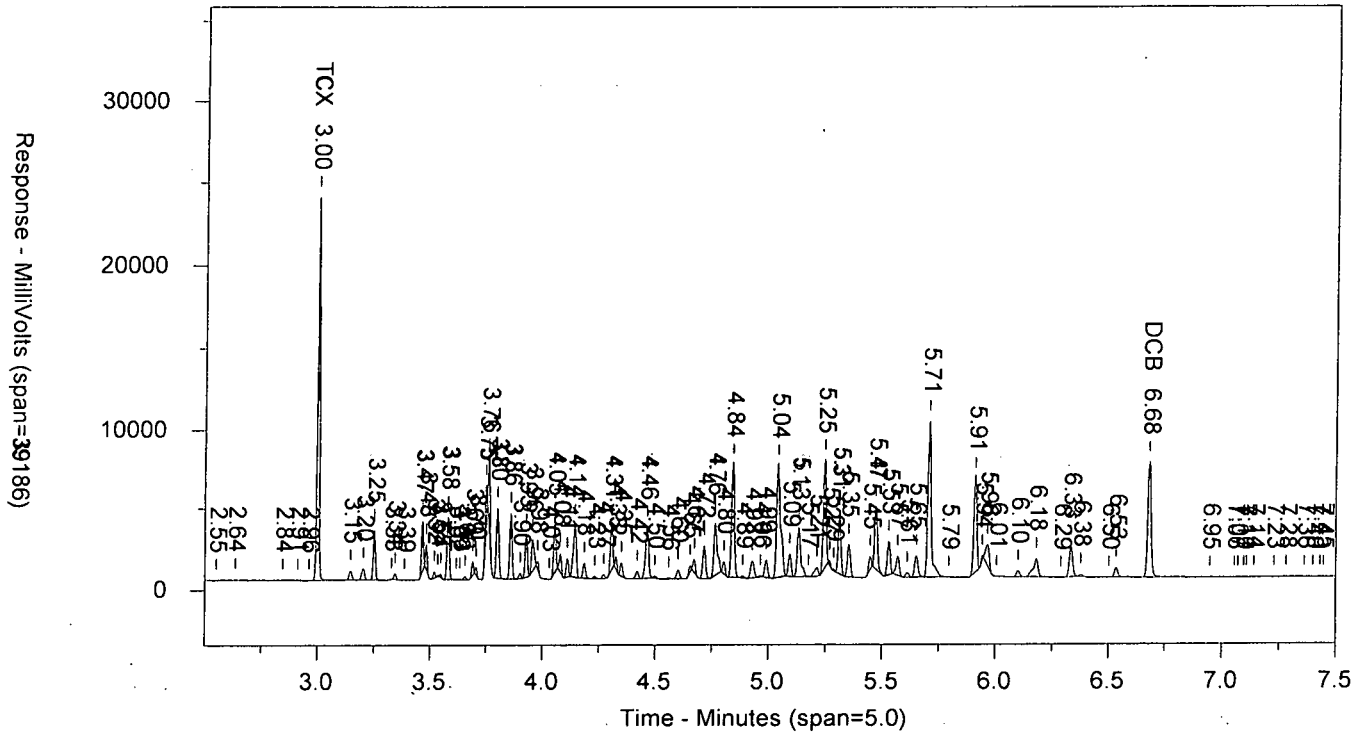

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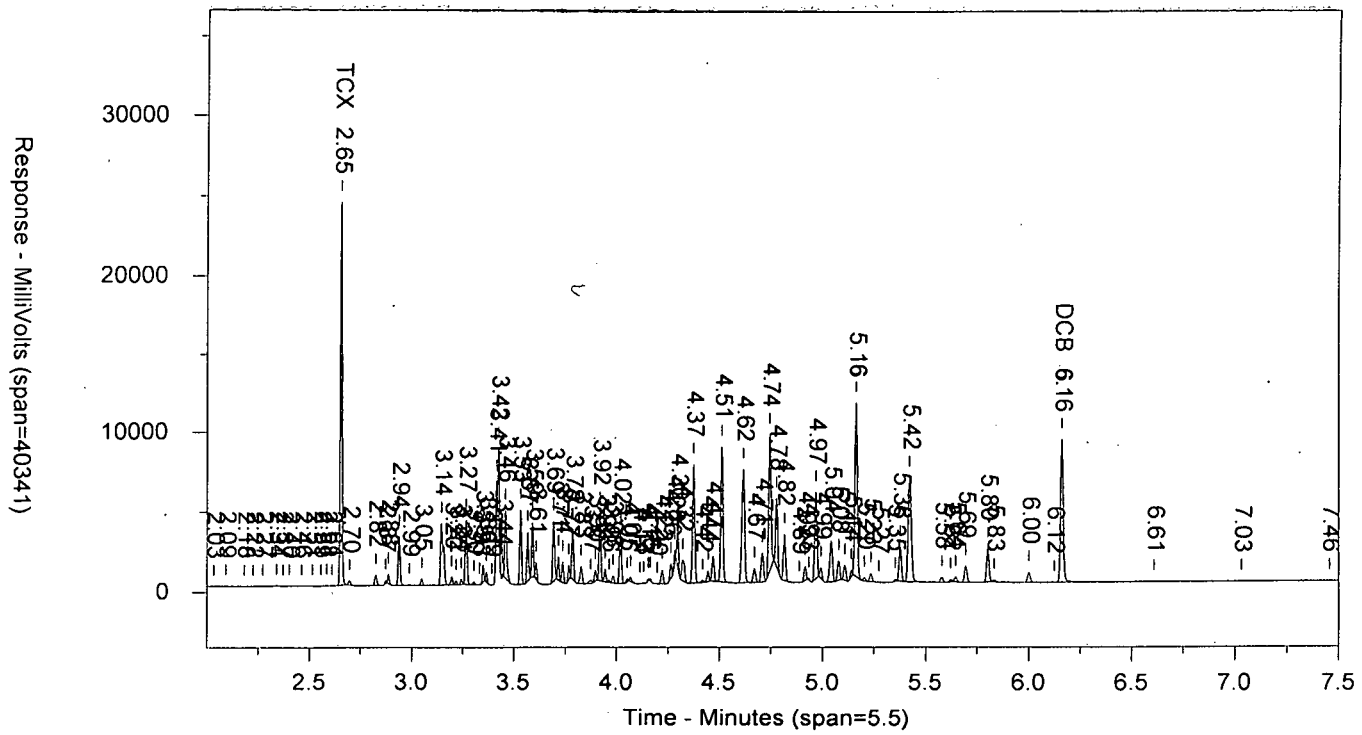

AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082

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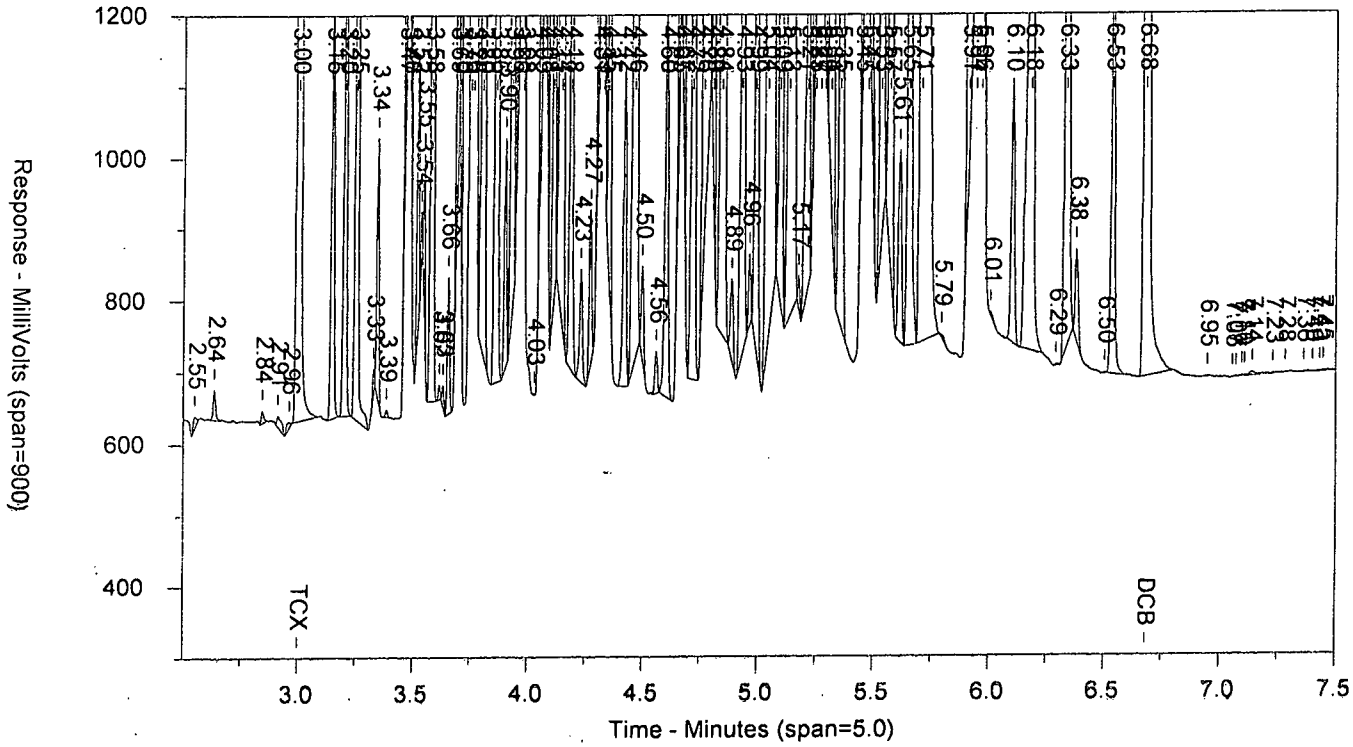

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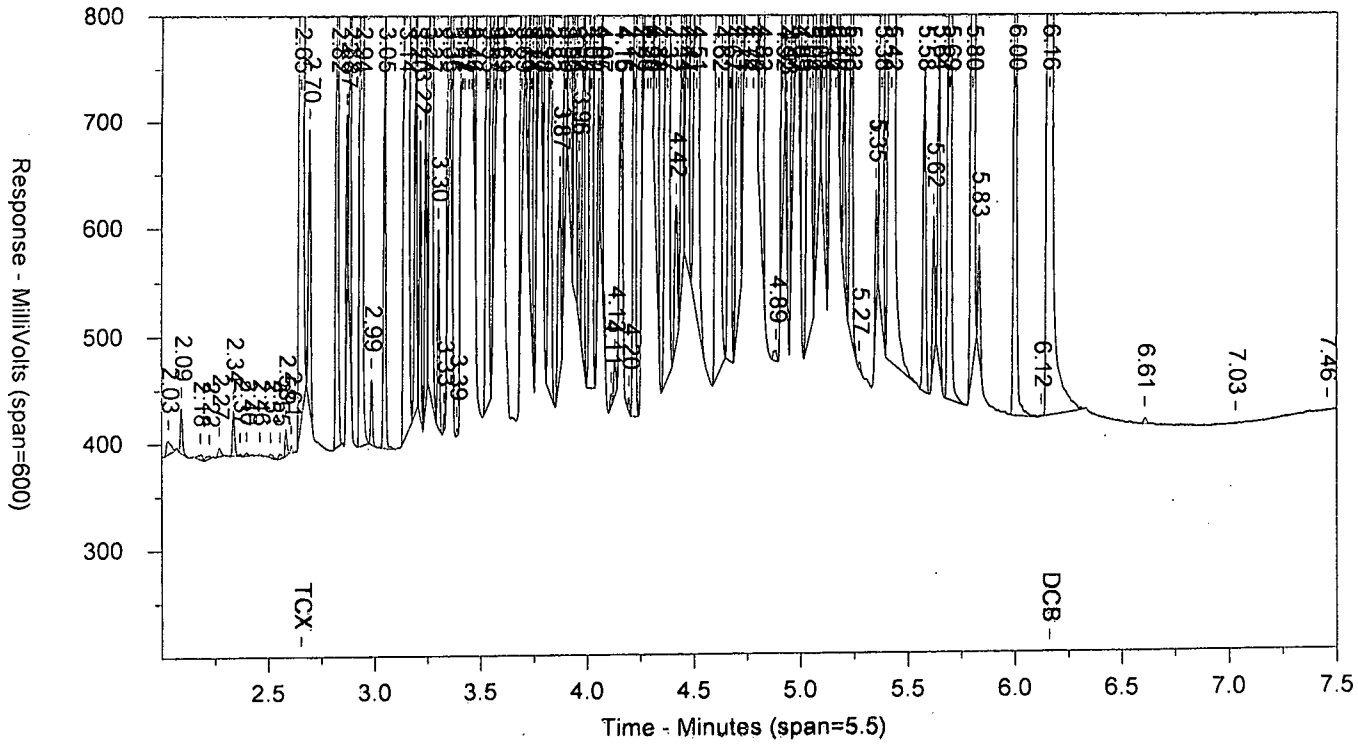

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1724999999 10730 SW-846 8082
Injected On: 9/8/2017 12:30:59 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0012.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.665		7546	31199
1.789		**2790**	**833**
2.112		12677	24643
2.153		25729	46270
2.268		2590	1266
2.294		146240	104674
2.39		29594	18799
2.403		57625	40864
2.433		8117	11517
2.497		4428	3514
2.551		15462	20202
2.608		4867	4008
2.635		76025	55108
2.715		4517	3231
2.776		1959	1307
2.822		9369	6859
2.844		**65964**	**54929**
2.914		27033	29183
2.953		5591	4152
2.999	TCX	30141000	19297900
3.146		1023858	895029
3.202		1257396	1017187
3.25		5664227	3722122
3.327		40286	17434
3.343		669353	435847
3.384		22305	14400
3.464		5962817	3460323
3.481		3166878	1656847
3.517		706764	405420
3.533		**141549**	**55031**
3.545		362401	182058
3.579		7116544	5064667
3.614		43432	21798
3.63		45024	22668
3.653		337529	232235
3.687		1581234	934590
3.702		876599	436065
3.747		4184594	2189786
3.759		8119403	4200114
3.797		8880937	6535833
3.857		8060138	5681970
3.898		582769	404833
3.926		4952902	3618995
3.953		**3659332**	**3057483**
3.976		965787	495274
4.027		4501	1779
4.052		5798269	3996742
4.077		1996417	1313793
4.108		2236867	1573168
4.143		6436111	5878152
4.183		1855014	1454994
4.23		280895	242263
4.27		388706	300944

RT A	Compound A	Height A	Area A
4.305		5689420	4058119
4.324		1427031	772751
4.348		1635522	1218564
4.418		861951	736221
4.461		6151498	5668458
4.495		243602	172314
4.536		4747	2240
4.558		102324	83325
4.6		993560	946988
4.652		846438	530908
4.669		1601544	1068899
4.713		3953578	3400013
4.763		6172530	6509476
4.8		1531887	1044842
4.84		14354970	12457690
4.883		203741	183278
4.926		2022281	2119375
4.961		179796	121207
4.987		2070094	1864501
5.039		14973330	17262380
5.091		2633776	2359545
5.131		6471725	6639316
5.173		96442	48422
5.21		1062722	1240729
5.244		14061570	12497250
5.265		599343	281818
5.285		247080	110917
5.31		6903932	6059102
5.352		4192078	3816429
5.447		1723279	1348166
5.471		8326508	6712950
5.527		4368720	3718229
5.565		2435596	2350277
5.607		464620	483825
5.648		2622715	2735430
5.705		20236460	17758640
5.727		112005	97741
5.795		18439	19874
5.845		3068	1149
5.855		5955	2614
5.908		12270570	10980560
5.939		536916	342025
5.964		2655577	2753829
6.098		512172	509772
6.177		2158081	2921412
6.331		3757666	3640931
6.375		249073	226222
6.53		998009	1041578
6.676	DCB	9817195	9901663
6.94		2157	580
7.069		1827	655
7.092		1756	546
7.101		1332	400
7.137		5517	6241
7.159		1486	598
7.232		1594	539
7.377		1941	766
7.397		1306	391
7.418		1897	488
7.474		1373	896
7.801		1561	426
7.9		1670	609
7.957		1568	1300
8.106		1361	471
8.147		1973	362
8.177		1526	309

RT A	Compound A	Height A	Area A
8.255		2347	1037
8.27		1575	422
8.33		2051	636
8.362		1910	1161
8.479		1384	397
8.565		1633	405
8.596		1079	358

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:30:59 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0012.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		4440	6120
1.761		2449	1872
1.809		1731	1284
1.833		2508	1684
1.852		1387	958
1.967		137970	116271
2.034		21617	43185
2.092		54959	38623
2.186		4139	4442
2.225		2471	3152
2.273		7166	9527
2.338		77510	57553
2.401		4041	3745
2.458		2167	3222
2.56		10114	14332
2.584		90400	65955
2.609		13542	7612
2.653	TCX	31399770	18851840
2.696		464048	367477
2.824		1274241	855592
2.871		235313	106976
2.885		1047044	575098
2.937		5695419	3549501
2.987		81563	46354
3.047		766007	501089
3.144		7123490	7117320
3.195		894469	567432
3.216		479537	270285
3.241		624517	348691
3.265		7326357	4793060
3.302		337088	205822
3.329		18099	7597
3.348		1957871	1016243
3.363		1147522	545018
3.389		12828	5582
3.413		3879621	1910169
3.423		8825775	3799951
3.442		281475	101053
3.456		7880640	5309966
3.53		8615760	5357948
3.564		6061537	3445775
3.588		6342038	3483752
3.605		1973456	972117
3.69		7395883	4664804
3.713		2590955	1439751
3.735		2446079	1494599
3.766		1665132	909474
3.783		6050370	3651251
3.825		2108889	1501701
3.872		353821	325606
3.894		1392572	838709
3.916		7976208	5068046
3.942		1608777	959725
3.961		268181	133133

3.98		861080	533578
4.016		6303758	4191306
4.051		319891	192166
4.066		507040	312841
4.111		22990	11879
4.128		65575	44520
4.153		542939	695832
4.195		19288	9250
4.22		1658864	1173599
4.263		1660397	978215
4.28		1770002	813851
4.294		4592576	2509920
4.321		2461746	2519330
4.372		14114620	10479390
4.417		238471	225389
4.443		1280105	839044
4.467		3041870	2156697
4.51		17010030	12429620
4.613		13882450	12778090
4.667		1761868	1409644
4.706		3616118	2995391
4.742		17023370	13629390
4.775		8313499	5588464
4.813		5534924	4301784
4.883		20882	23834
4.914		1912019	1879125
4.965		10326000	7964741
4.989		1303969	841474
5.039		4996722	4467692
5.075		2443366	1919423
5.105		1792373	1439532
5.137		815603	450072
5.159		21972460	17810770
5.199		398154	293906
5.232		868604	721543
5.272		8419	4690
5.309		6280	4492
5.35		223458	138095
5.373		4071319	3257170
5.419		13248180	13810770
5.538		6661	3810
5.574		449175	384416
5.619		265720	195253
5.643		412673	315442
5.692		1969055	1740075
5.798		3936008	3329337
5.83		202225	148777
5.998		1113863	983482
6.158	DCB	11820900	10482010
6.332		4536	3129
6.605		8816	7414
7.35		1299	1174
7.765		1418	3605
8.289		6619	13366

AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082

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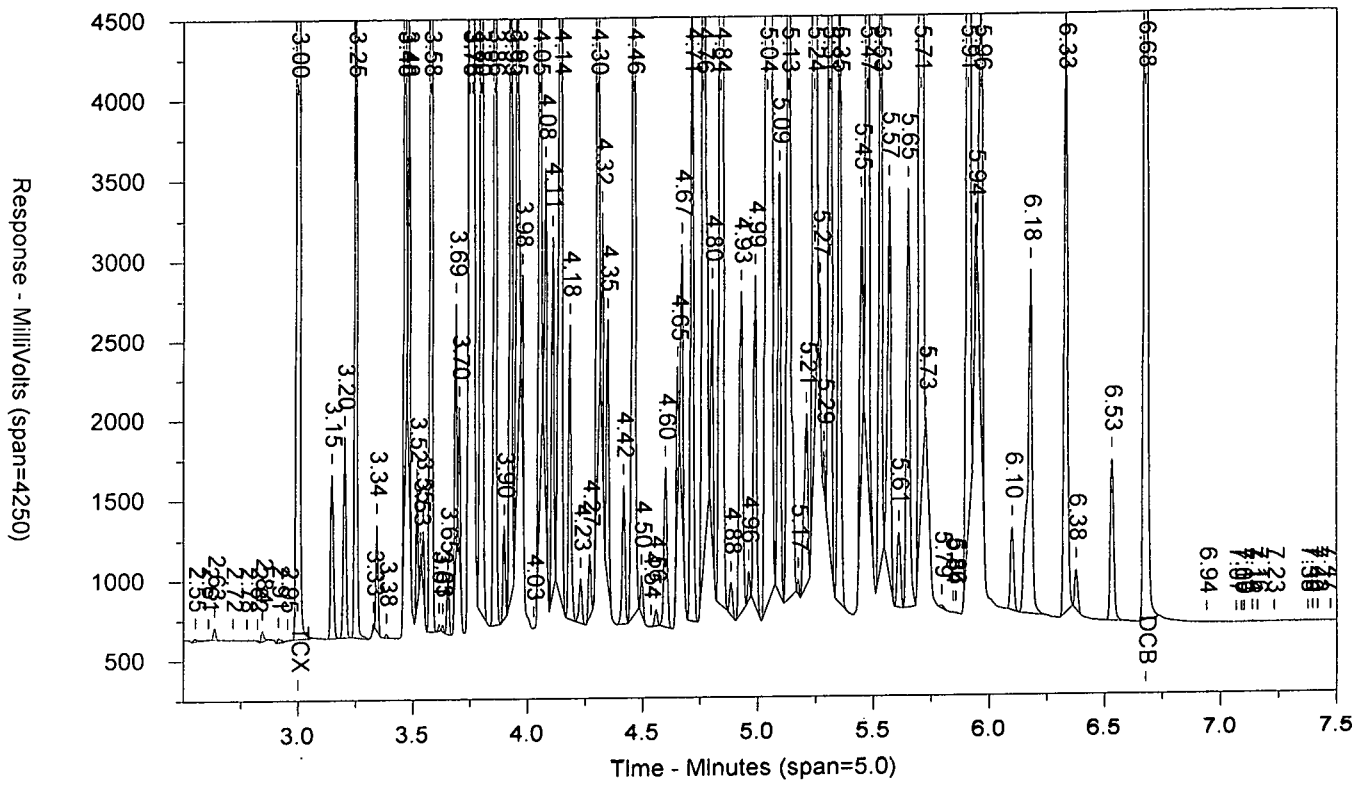

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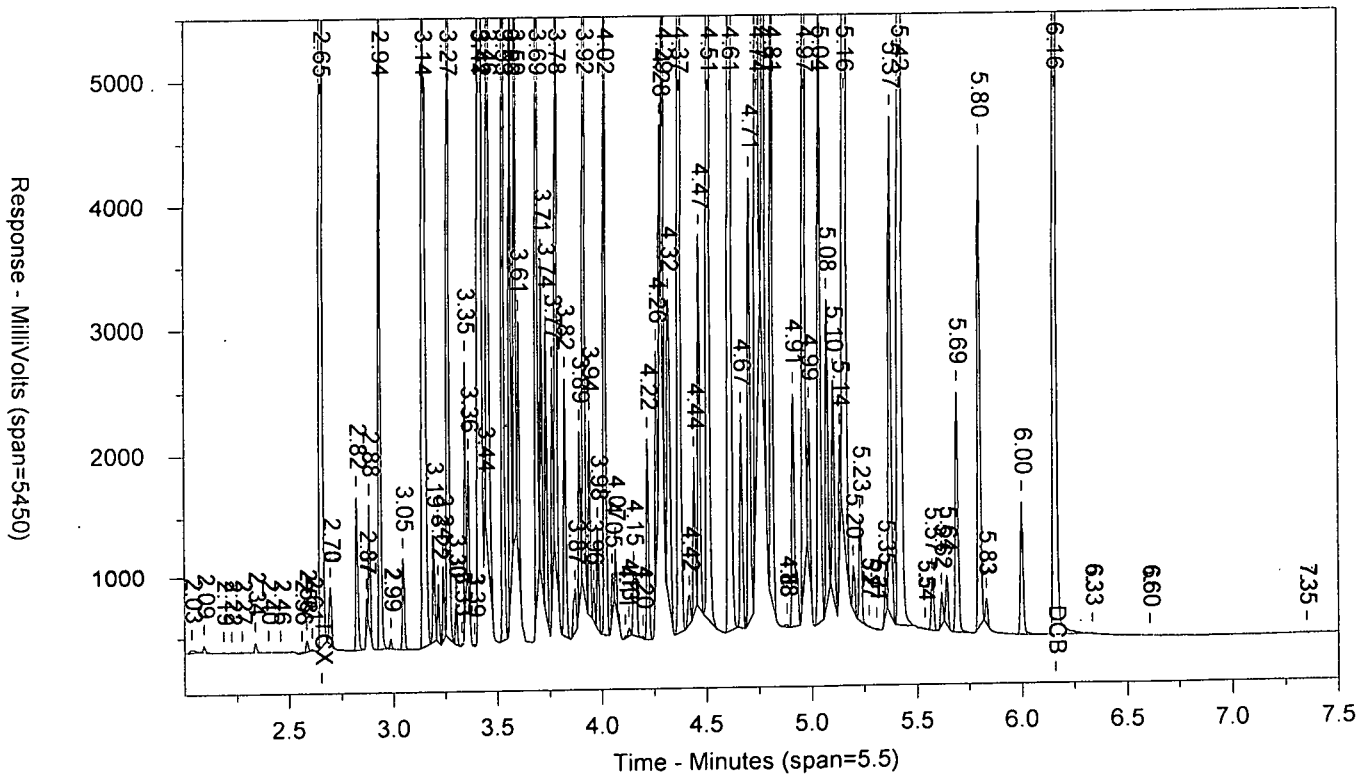

LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:30:59 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	30141000	79.857	TCX	2.653	31399770	80.347	TCX
6.676	9817195	71.085	DCB	6.158	11820900	72.044	DCB

Files:
Area File: 07pcbs17250001.0012.RAW
Area File: 07pcbs17250001B.0012.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:39:42 AM
File Reported On: 9/8/2017 at 12:39:52 AM

AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082

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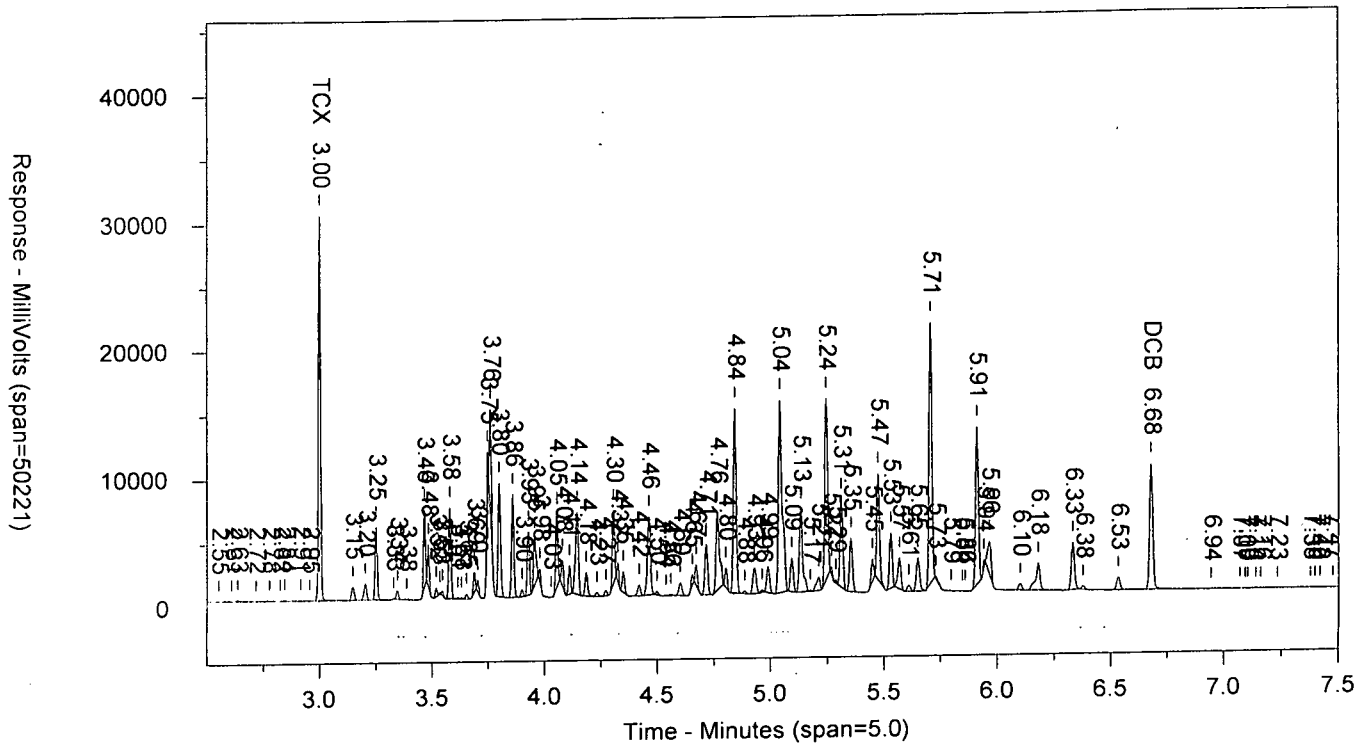

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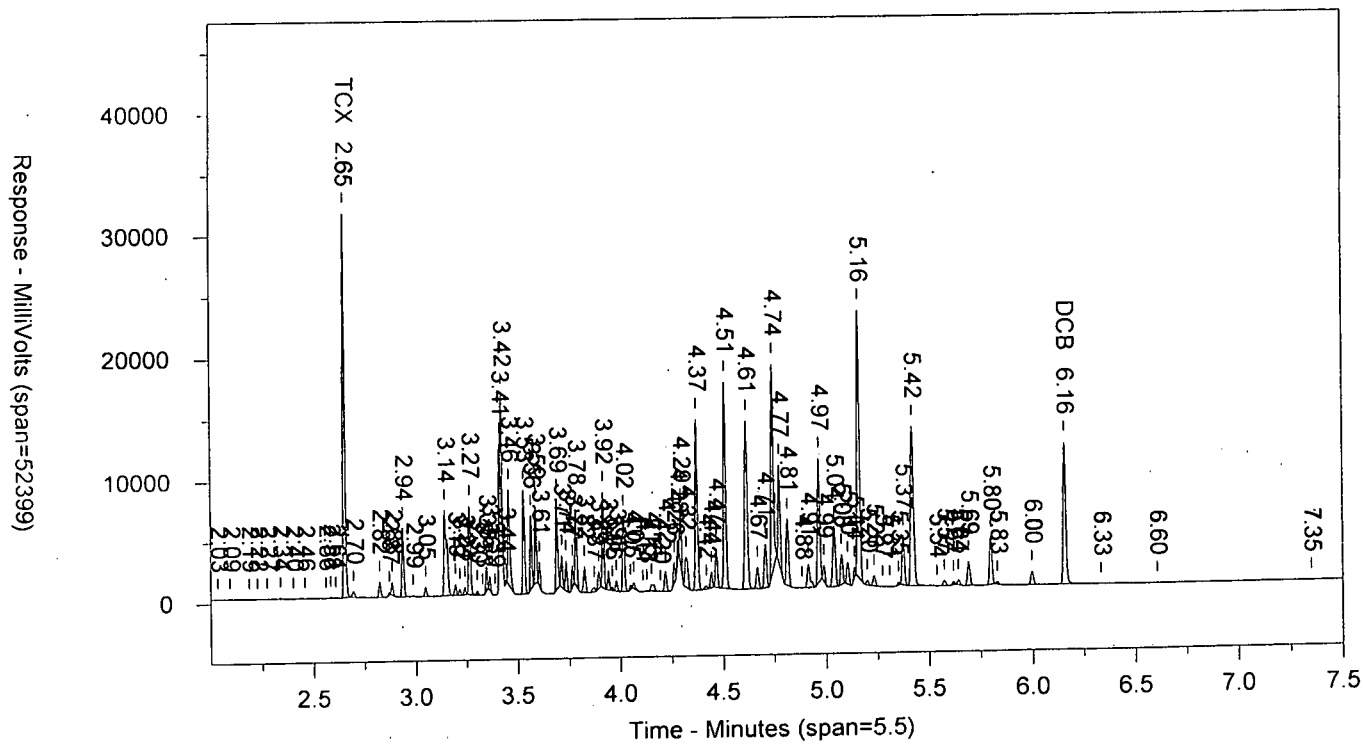

AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082

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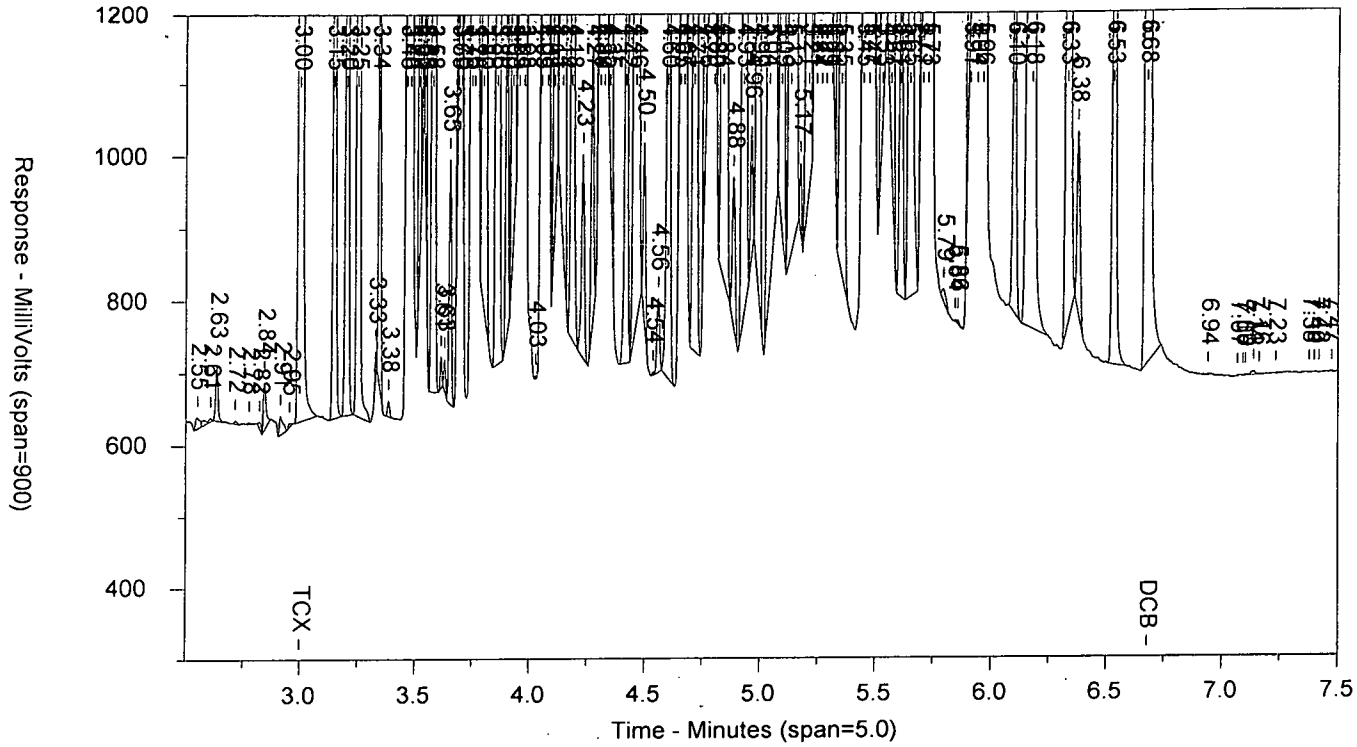

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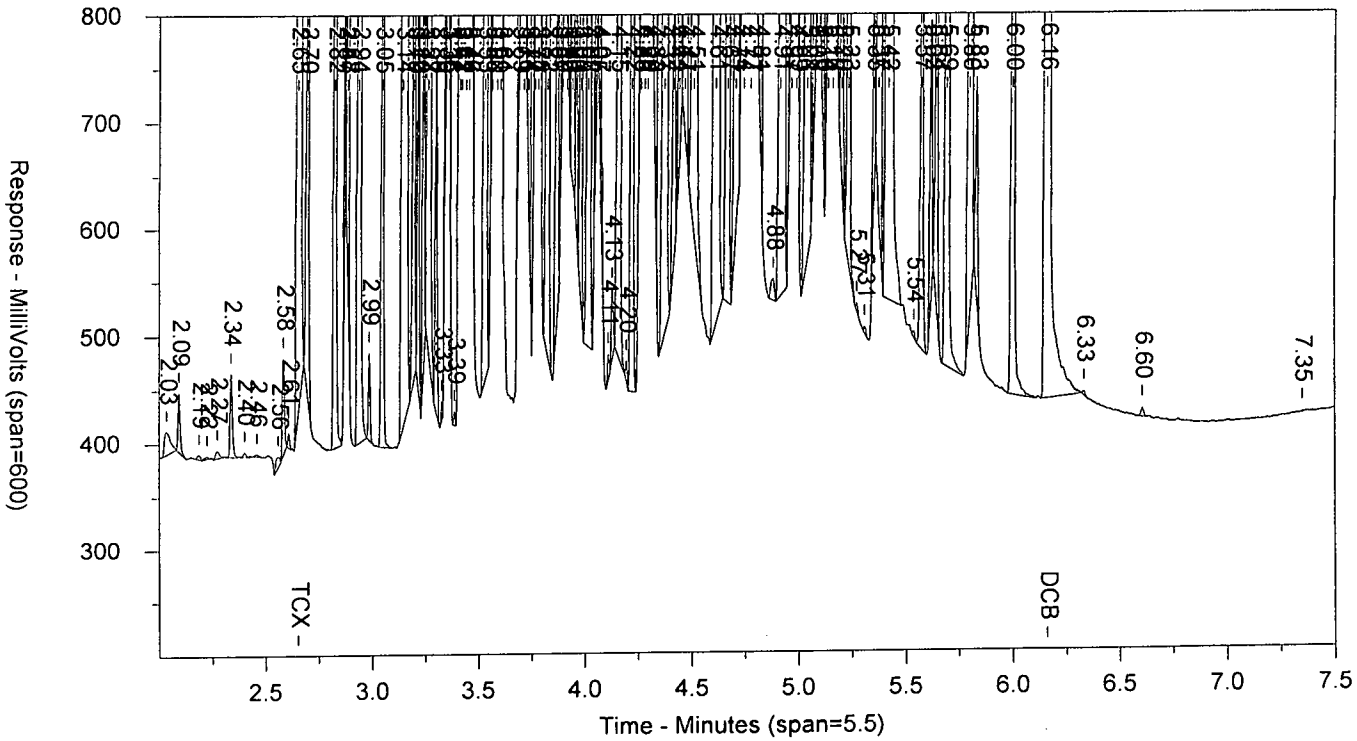

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:42:31 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0013.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.632		17941	19623
1.669		8061	17139
1.971		2023	1120
2.114		13514	27694
2.151		6795	6503
2.295		4290	4437
2.391		25447	16536
2.436		7372	7084
2.551		14680	16755
2.577		4023	3054
2.608		1918	1232
2.717		3117	1735
2.761		1791	1444
2.844		19883	16263
2.93		35925	66640
2.958		7696	7534
2.999	TCX	760319	506604
3.15		10135	9275
3.201		12897	10599
3.251		42183	28158
3.343		17666	30965
3.466		111988	68512
3.482		39372	19499
3.518		6544	3575
3.535		2755	1036
3.58		109788	76560
3.657		12405	10191
3.689		20944	12459
3.704		7581	3501
3.748		100076	55786
3.76		88086	44950
3.799		140299	111435
3.858		145633	107270
3.9		21657	14103
3.927		238256	177729
3.955		162252	131337
3.977		42627	22867
4.054		269398	195217
4.079		82894	55822
4.11		101285	71098
4.144		233903	211657
4.184		78711	62681
4.233		3369	1659
4.248		8670	5374
4.272		21572	15823
4.305		176320	119357
4.325		234215	151387
4.349		255827	192697
4.419		25875	24447
4.456		195417	168151
4.476		47508	23994
4.497		61605	43535
4.537		3827	2060

RT A	Compound A	Height A	Area A
4.56		16905	13079
4.603		77928	70795
4.654		93157	77753
4.686		61875	46386
4.716		178845	158158
4.764		3751	2666
4.8		65610	57426
4.842		18628	20716
4.889		15961	13846
4.93		105212	97656
4.989		2186	1842
5.041		11979	11249
5.094		1956	1520
5.128		75245	76351
5.202		3251	2576
5.246		23429	20886
5.312		3481	1979
5.336		1446	693
5.398		2387	5628
5.451		7410	5669
5.471		3713	2236
5.608		1845	954
5.65		3486	3002
5.708		11154	9375
5.73		4453	2856
5.776		1502	379
5.875		1406	1969
5.909		10377	11037
5.966		6179	9781
6.024		2877	4620
6.037		1560	476
6.051		1327	802
6.1		11127	11106
6.134		1365	427
6.162		12984	16114
6.261		1987	1036
6.299		1274	719
6.334		5518	5071
6.421		1673	432
6.484		1421	460
6.533		5615	4718
6.678	DCB	307541	317519
6.736		2129	469
6.792		1259	279
6.94		2099	815
7.098		1444	1446
7.259		1469	1794
7.272		1538	433
7.367		1957	1091
7.396		1714	533
7.498		1039	340
7.523		1502	915
7.543		1825	984
7.626		1911	1249
7.759		1454	505
7.864		1186	872
7.93		1359	390
8.128		1578	894
8.214		1567	799
8.272		2230	565
8.291		1626	366
8.443		2135	1505
8.458		1625	556
8.538		2075	723
8.55		2025	805

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:42:31 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0013.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		**2623**	**2055**
1.654		1621	1486
1.765		3872	4957
1.832		4288	2443
1.869		2151	1872
1.959		29310	21826
2.031		12045	17595
2.071		4117	4058
2.172		4025	5099
2.208		3112	2473
2.272		10540	12366
2.368		3585	2622
2.403		2476	1966
2.462		4494	3398
2.513		**13722**	**33852**
2.558		22186	28668
2.584		29594	23121
2.653	TCX	783631	471837
2.696		3269	2229
2.737		4201	5007
2.825		16185	15654
2.871		9288	4725
2.884		3997	1952
2.913		2174	1613
2.937		41911	26842
2.995		3558	3745
3.024		1816	1150
3.048		9706	5761
3.078		**3415**	**6425**
3.144		145091	132561
3.195		9662	4995
3.218		5960	3895
3.242		4477	2864
3.265		112156	74657
3.304		9158	6518
3.348		25269	13191
3.363		9792	4871
3.413		107724	51907
3.423		96002	39982
3.443		23367	9950
3.457		117271	74543
3.531		155384	97158
3.565		270792	167917
3.588		247716	137356
3.606		79740	40302
3.691		317618	206523
3.714		107891	58015
3.736		105437	63667
3.766		50927	26702
3.784		217644	134270
3.825		90193	62700
3.873		16133	14479
3.895		159996	99795
3.917		411710	259856

3.943		264026	168243
3.962		25388	11360
3.98		32369	19036
4.018		120936	82562
4.052		195508	159334
4.081		100419	53462
4.127		16357	14489
4.163		68993	52903
4.22		118032	89636
4.254		68793	47045
4.281		182577	135457
4.321		4904	4479
4.375		75881	69994
4.41		18431	14054
4.443		110480	82980
4.511		17645	12137
4.536		8158	5604
4.61		20566	20574
4.663		98309	78954
4.704		4407	3180
4.744		33939	28631
4.813		3504	2457
4.933		1655	2023
4.966		6316	4493
4.991		9101	7202
5.039		3263	2920
5.138		3437	2066
5.16		11458	10097
5.234		6121	5147
5.374		3715	3015
5.417		5976	6423
5.576		8353	7259
5.646		9356	9495
5.692		4299	4171
5.797		3327	2362
6		6110	5256
6.159	DCB	343887	318744
6.63		2168	1936
7.409		1251	4217
7.627		1343	1317
8.203		1463	1118
8.293		5468	9912

AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082

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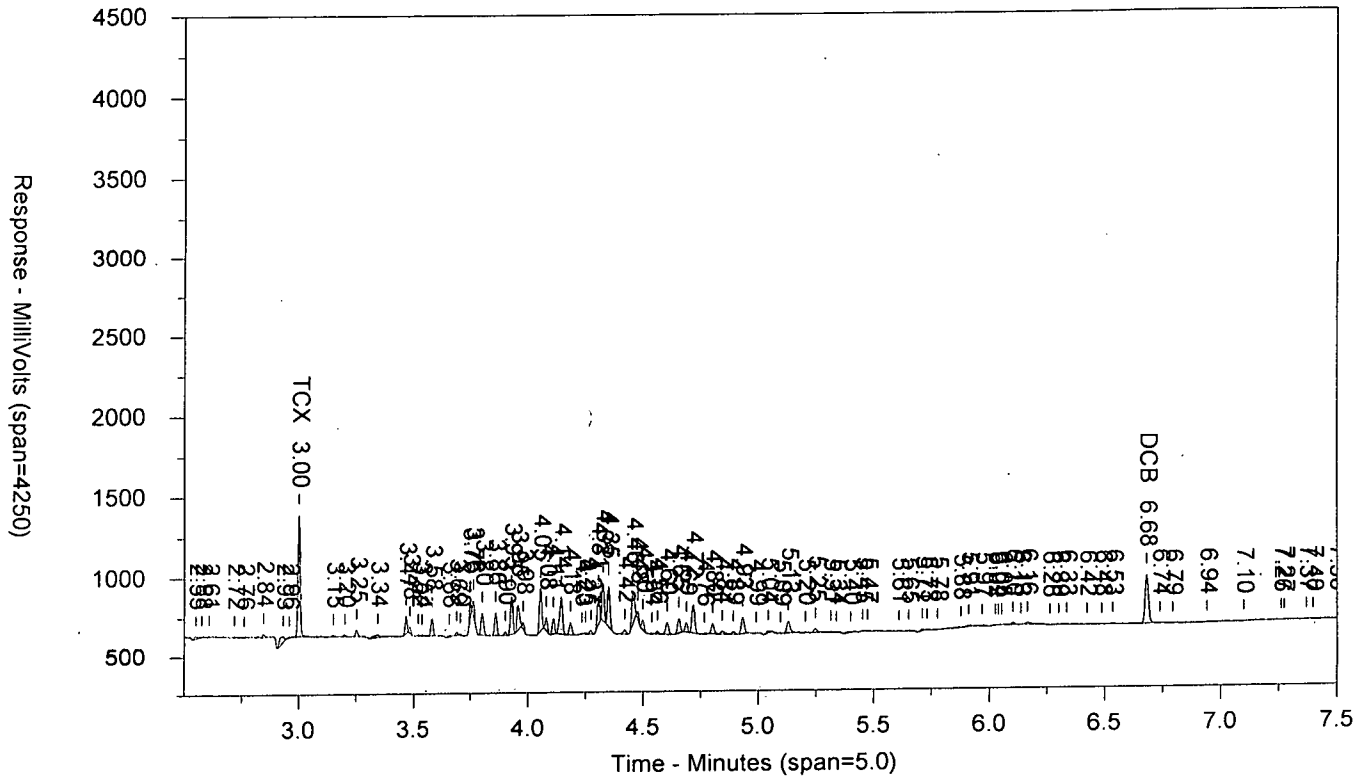

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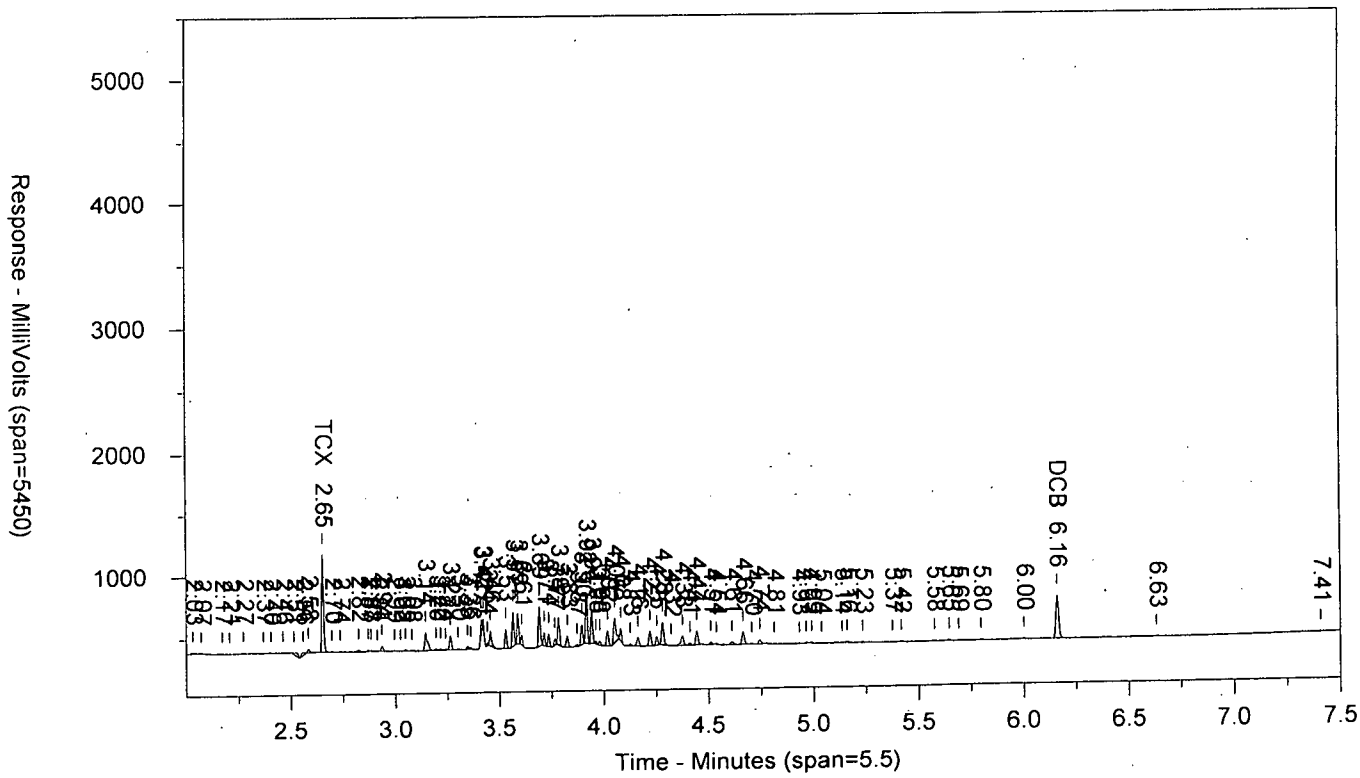

LANCASTER LABORATORIES

Sample Number: AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:42:31 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	760319	2.009	TCX	2.653	783631	2.016	TCX
6.678	307541	2.278	DCB	6.159	343887	2.159	DCB

Files:
Area File: 07pcbs17250001.0013.RAW
Area File: 07pcbs17250001B.0013.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:51:16 AM
File Reported On: 9/8/2017 at 12:51:22 AM

AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082

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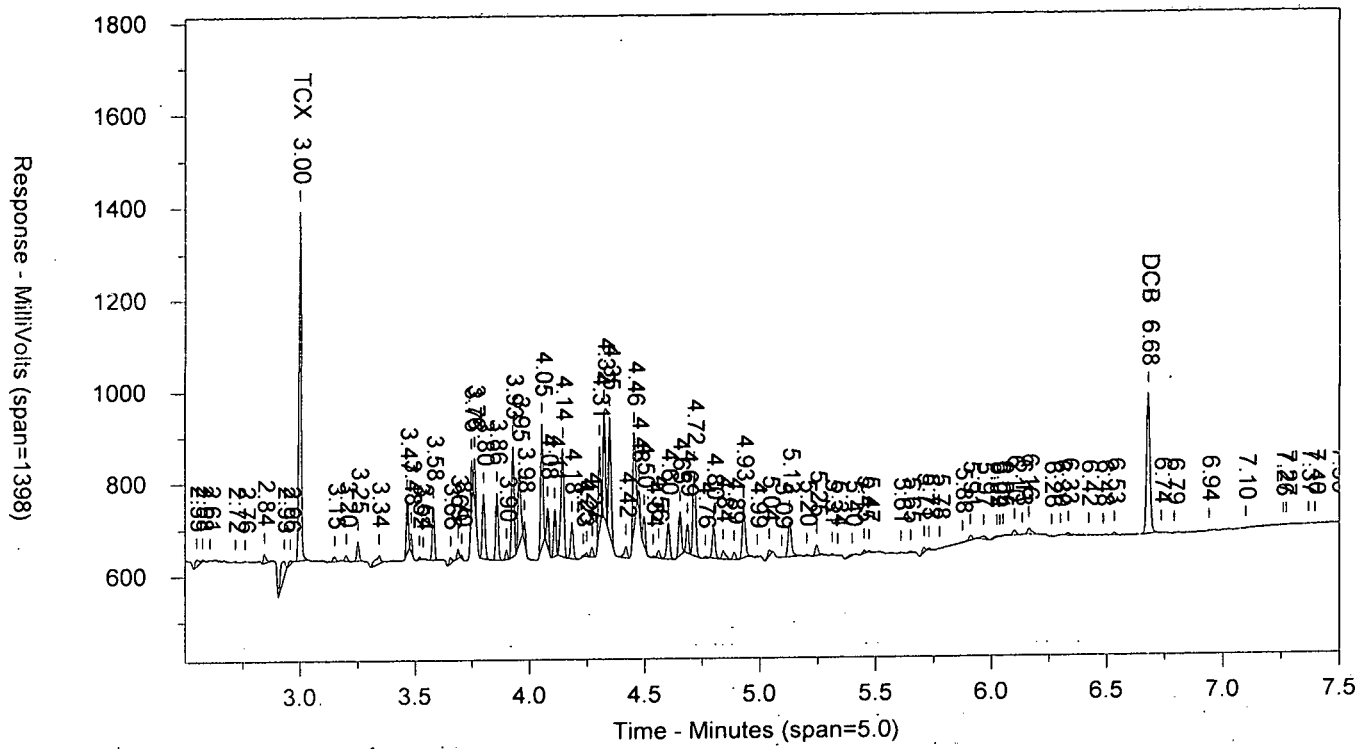

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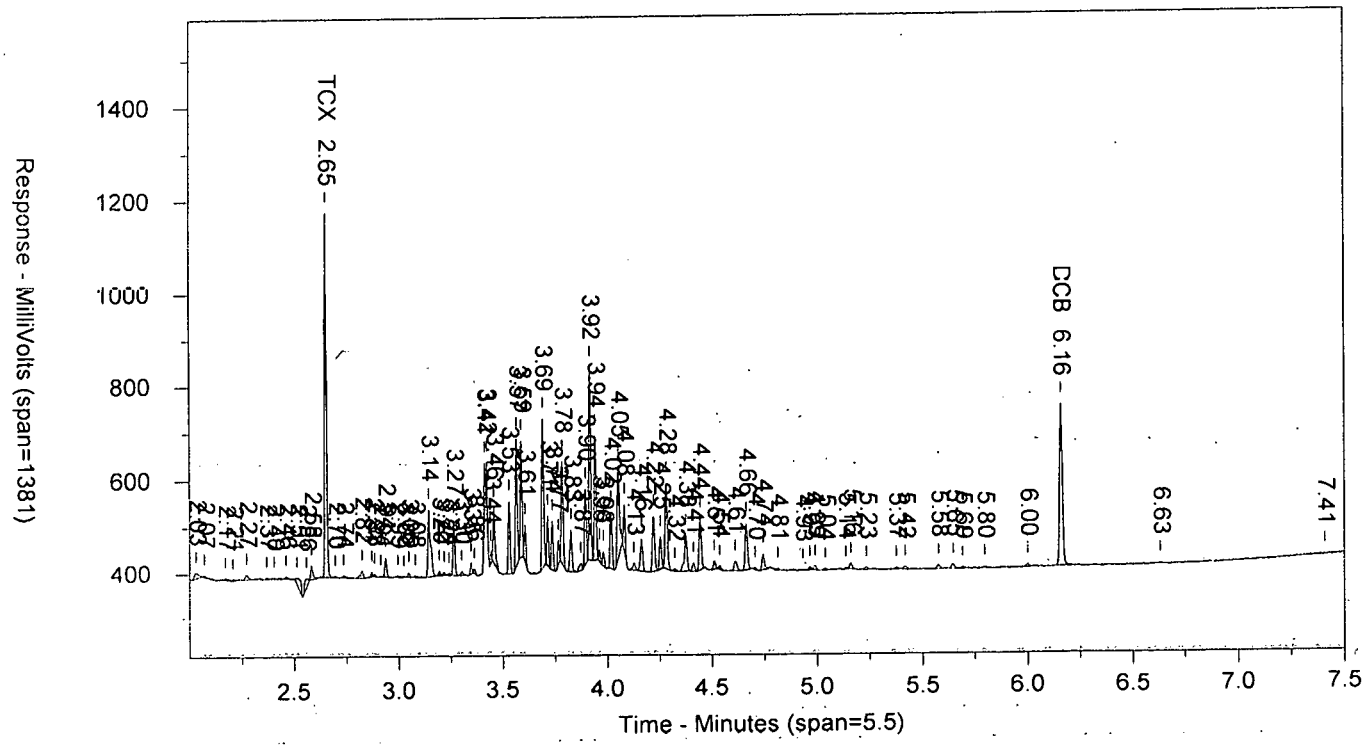

AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082

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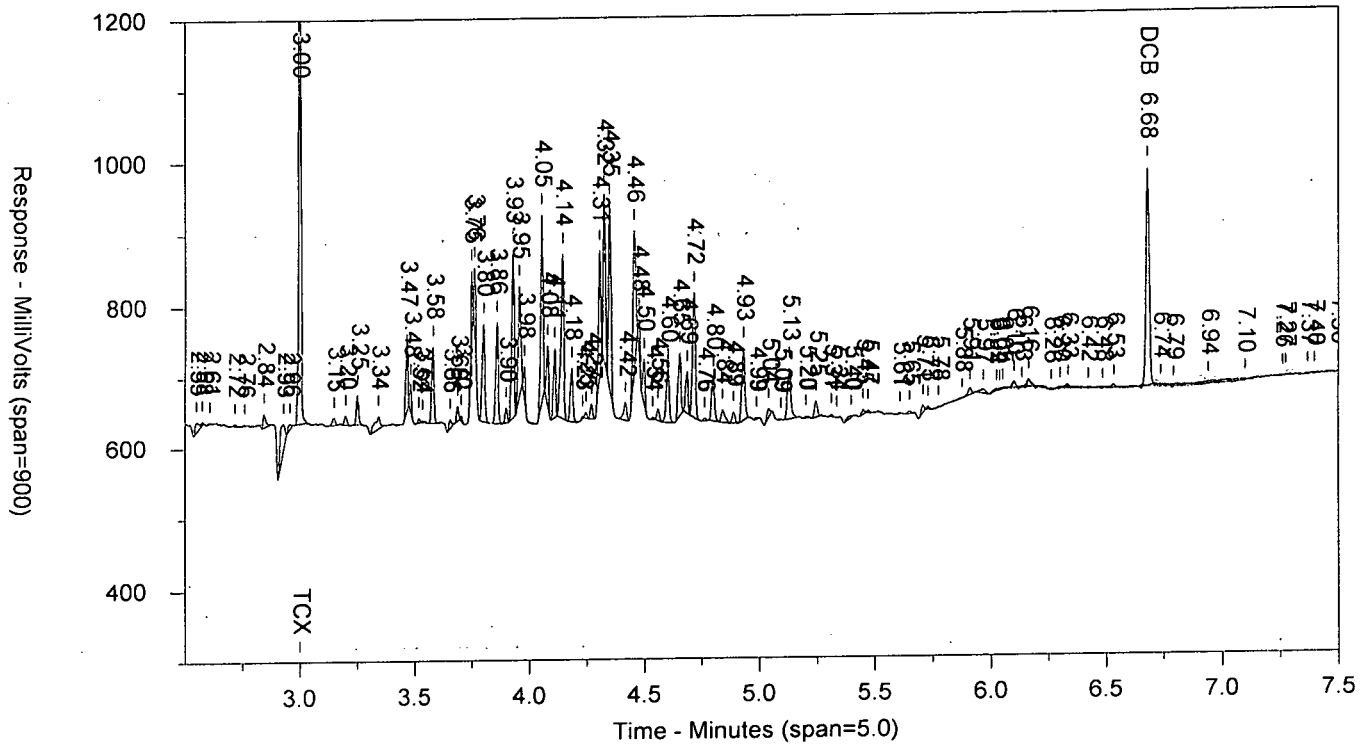

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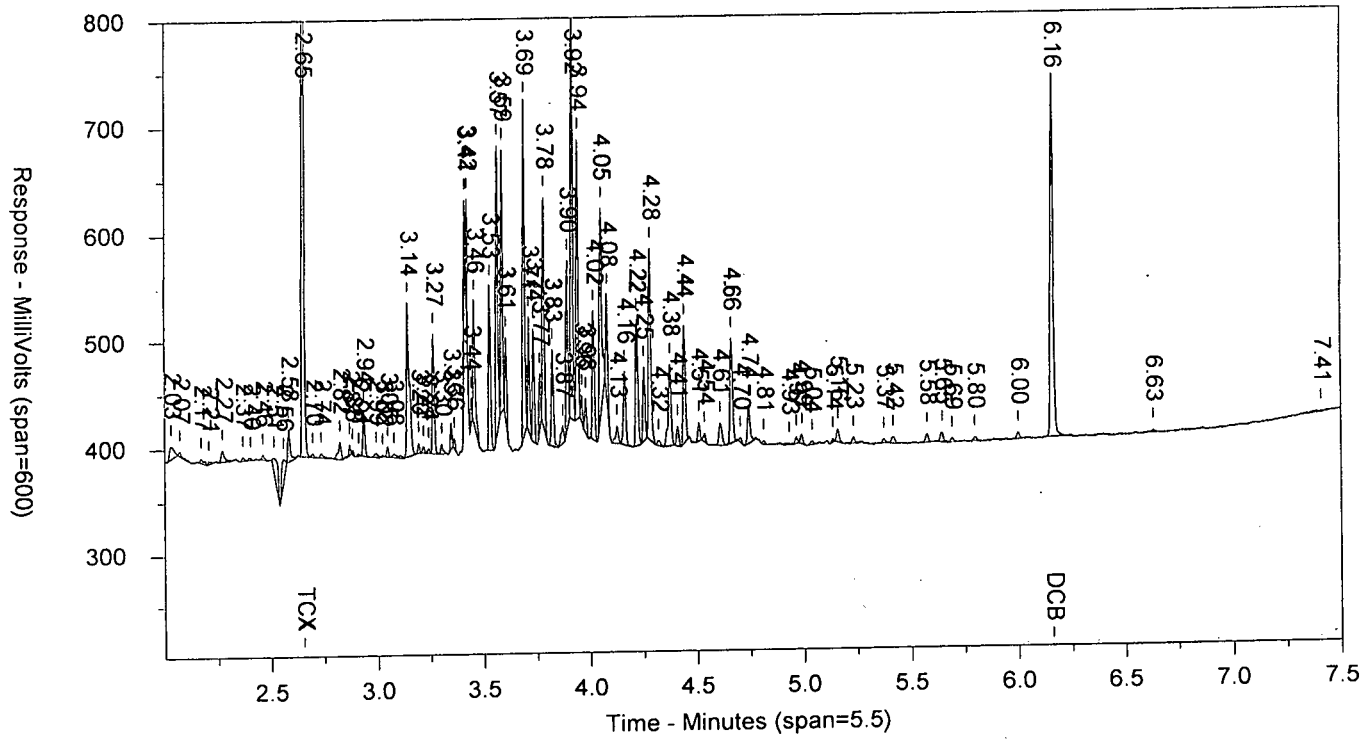

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:53:58 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0014.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.633		14835	16402
1.667		7013	14247
1.788		3892	2683
2.03		3027	3061
2.112		21711	46408
2.149		29792	95138
2.294		11031	13793
2.391		43910	30416
2.434		6714	6656
2.5		3860	11256
2.553		13165	19765
2.609		4226	5379
2.719		3676	2014
2.845		18846	12282
2.928		11297	16112
2.955		5398	4563
2.999	TCX	1455312	988481
3.147		18489	14931
3.198		27880	23353
3.251		77504	53100
3.328		6326	6392
3.343		13324	7607
3.465		199979	121780
3.482		73576	36468
3.519		15383	8119
3.536		5300	2339
3.58		192833	137732
3.656		19016	12498
3.689		38479	22610
3.705		12424	6040
3.748		182665	100546
3.76		162252	82655
3.8		243769	197710
3.858		256504	192649
3.9		37939	26024
3.927		426500	310652
3.954		271856	223994
3.978		76726	42258
4.053		469572	342577
4.078		146548	96060
4.109		175717	127453
4.143		403789	374842
4.183		143751	112345
4.231		9021	5452
4.247		4776	2762
4.271		41295	30753
4.305		308858	219031
4.324		419988	266440
4.349		447492	343138
4.419		46749	41349
4.455		331951	307522
4.475		75987	38533
4.497		110699	75225

RT A	Compound A	Height A	Area A
4.537		6228	3712
4.561		27505	20703
4.603		137036	120415
4.654		174945	152292
4.685		116345	84368
4.715		328489	282760
4.763		7399	4865
4.799		117862	106274
4.841		29925	34296
4.888		28074	25248
4.93		185138	179860
4.993		1793	1498
5.006		7478	6095
5.041		15119	12608
5.095		3904	3480
5.128		136735	139750
5.172		4268	2531
5.202		6891	8549
5.246		38402	33983
5.311		7051	5509
5.348		3503	2910
5.395		1695	3434
5.452		11176	8944
5.471		4557	3411
5.498		1601	432
5.518		1403	1293
5.608		4899	3712
5.648		7231	6065
5.706		14282	12235
5.73		7683	5809
5.766		1101	428
5.815		769	358
5.825		1284	280
5.911		12465	13201
5.948		1727	370
5.964		3251	3796
6.017		3356	2766
6.099		21084	20998
6.162		25961	31980
6.296		1188	927
6.334		4838	4423
6.359		1259	346
6.381		1355	402
6.434		2104	839
6.53		11075	9900
6.59		1110	389
6.618		2545	974
6.678	DCB	599864	610139
6.746		2006	820
6.849		1636	615
6.938		1225	232
7.008		1697	675
7.124		1517	1382
7.139		2011	845
7.179		1919	466
7.396		1408	341
7.464		1345	754
7.509		1291	794
7.59		1984	1244
7.621		1473	1207
7.665		1435	919
7.689		1917	985
7.849		1413	387
7.873		1764	989
8.151		2665	415
8.287		1180	1082

RT A	Compound A	Height A	Area A
8.38		1892	1519
8.458		1319	427
8.475		1343	709
8.5		1720	433

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:53:58 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0014.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		4327	5157
1.807		3504	4706
1.834		4798	3645
1.923		1861	1240
1.959		46764	34359
2.03		12528	27185
2.175		1228	2089
2.246		2157	4755
2.272		7844	8162
2.403		2877	2704
2.511		2908	5242
2.556		4846	5518
2.583		28118	21034
2.628		2258	1323
2.653	TCX	1511683	938545
2.696		4893	3489
2.733		2681	4046
2.824		22615	16104
2.851		1670	735
2.871		19872	9731
2.884		8503	3788
2.937		79355	49397
2.987		4696	3710
3.048		15714	9497
3.144		250301	227530
3.195		17892	10051
3.218		14243	9554
3.241		6495	3299
3.265		199538	133539
3.303		16157	11349
3.348		43912	23349
3.363		20739	9497
3.413		181967	86270
3.423		186526	80270
3.443		42659	16899
3.457		204459	128942
3.53		273953	175994
3.565		485565	294437
3.588		428124	241606
3.606		145633	72781
3.691		569135	368531
3.714		184429	101459
3.735		182439	115178
3.766		95069	49569
3.783		392180	238567
3.826		159934	111614
3.873		30414	25826
3.895		290349	179838
3.917		727872	463387
3.942		484952	301881
3.962		48333	21975
3.981		52263	30258
4.017		219795	154868
4.052		361306	289162

4.08		175373	96172
4.127		28099	22857
4.163		125449	96399
4.22		208321	161265
4.253		126308	86874
4.281		329864	241994
4.32		6617	5896
4.375		134710	125039
4.41		31423	23486
4.443		199237	146659
4.511		28713	18969
4.536		14885	10122
4.61		34503	34620
4.663		181982	145917
4.704		8935	7656
4.742		52763	46192
4.776		5228	2655
4.813		4697	3301
4.914		1419	788
4.966		9006	6701
4.989		15970	12007
5.04		5634	5673
5.078		1834	1424
5.11		4355	3162
5.136		5748	3568
5.159		14357	12212
5.233		10952	9189
5.376		6137	5112
5.422		10861	10933
5.576		16450	14349
5.644		20647	17373
5.693		5428	5519
5.798		4661	4017
5.999		13046	15438
6.159	DCB	654700	624372
8.295		6026	10326

AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082

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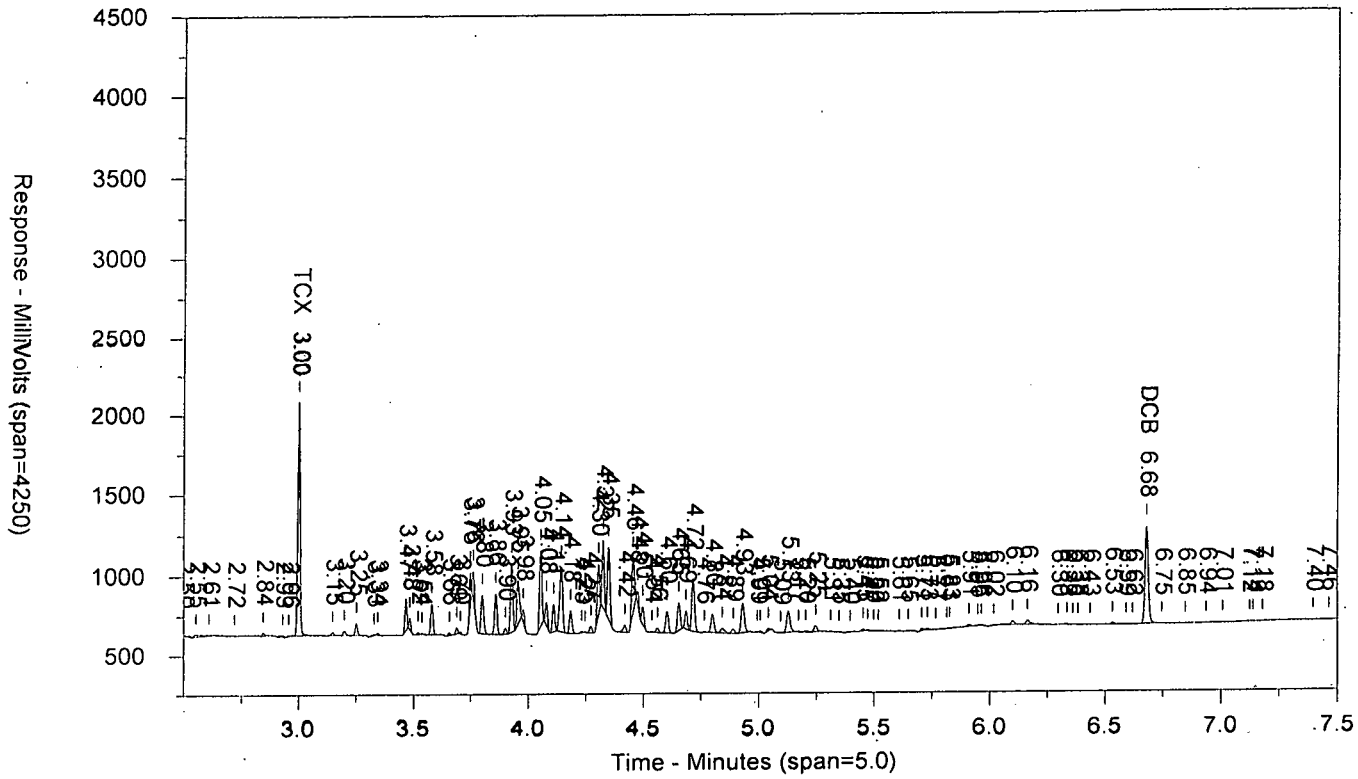

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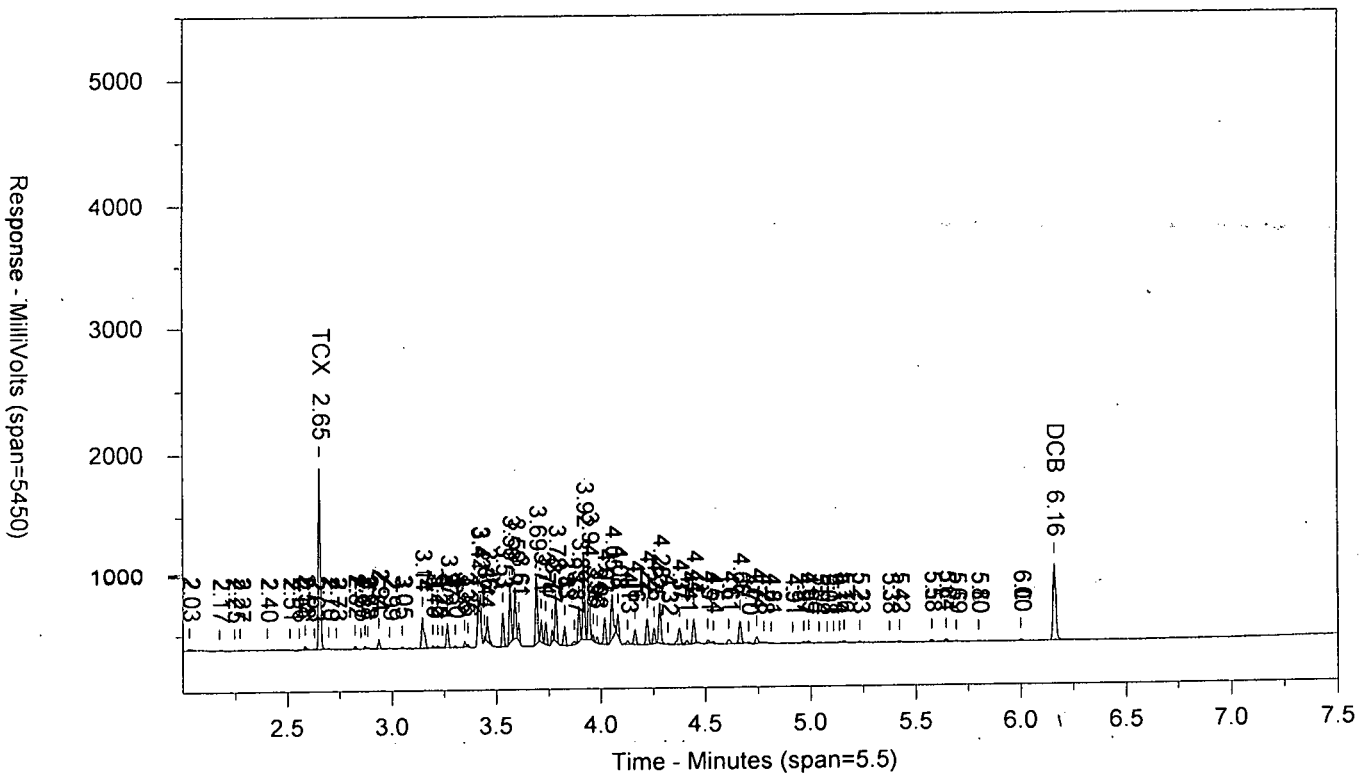

LANCASTER LABORATORIES

Sample Number: AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:53:58 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	1455312	3.845	TCX	2.653	1511683	3.89	TCX
6.678	599864	4.444	DCB	6.159	654700	4.11	DCB

Files:
Area File: 07pcbs17250001.0014.RAW
Area File: 07pcbs17250001B.0014.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:02:43 AM
File Reported On: 9/8/2017 at 1:02:58 AM

AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082

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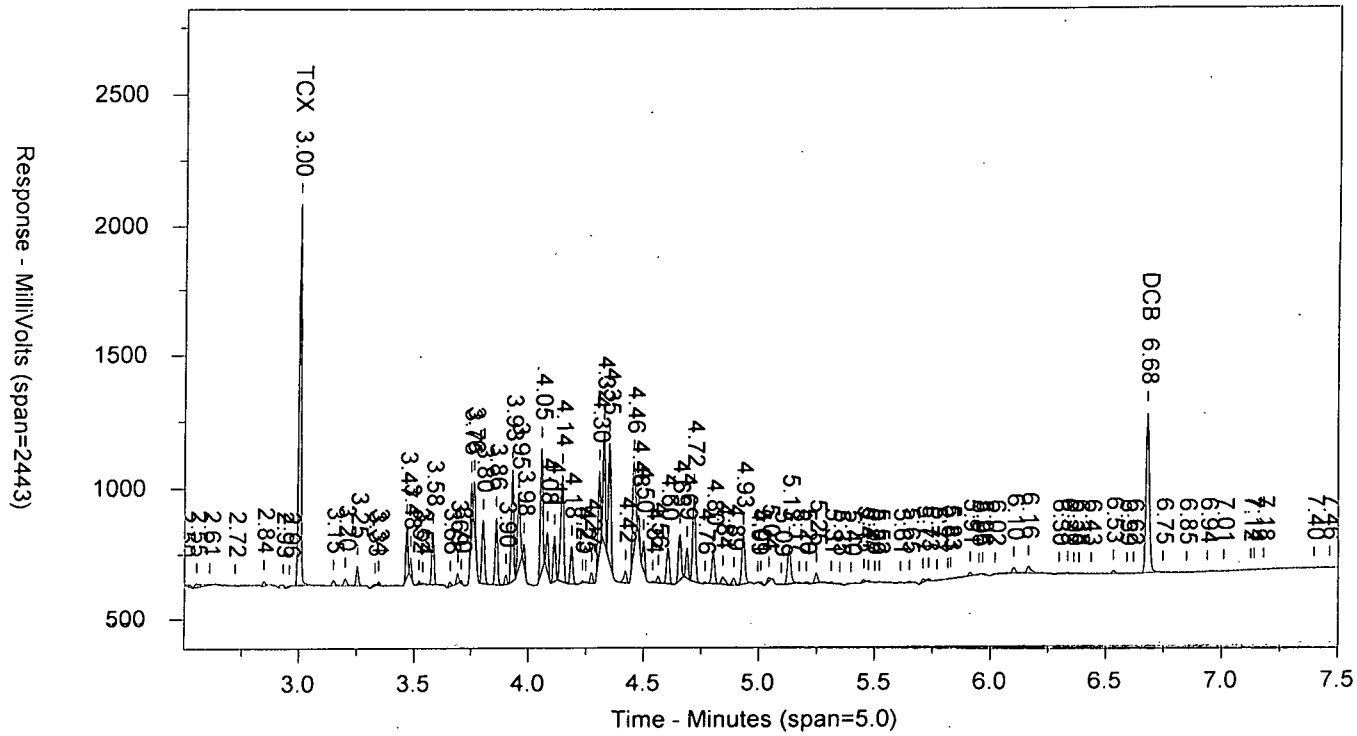

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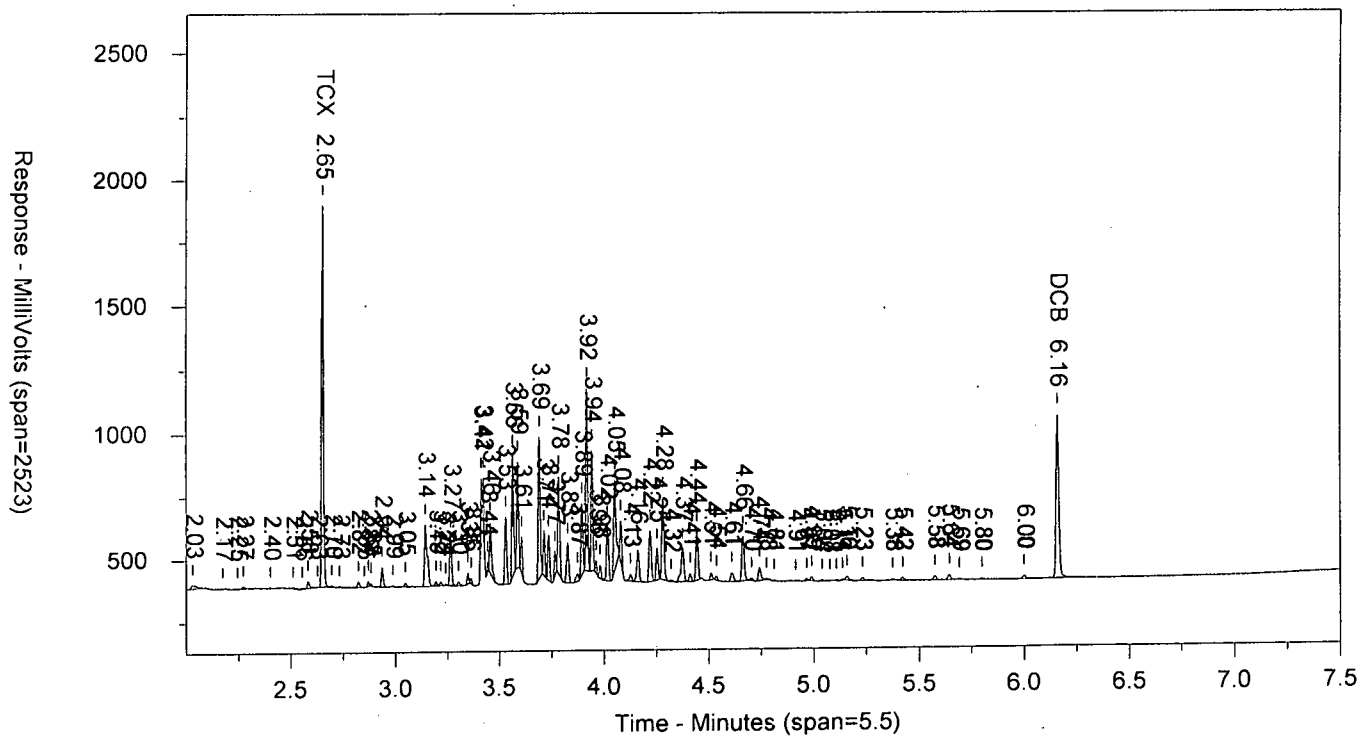

AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082

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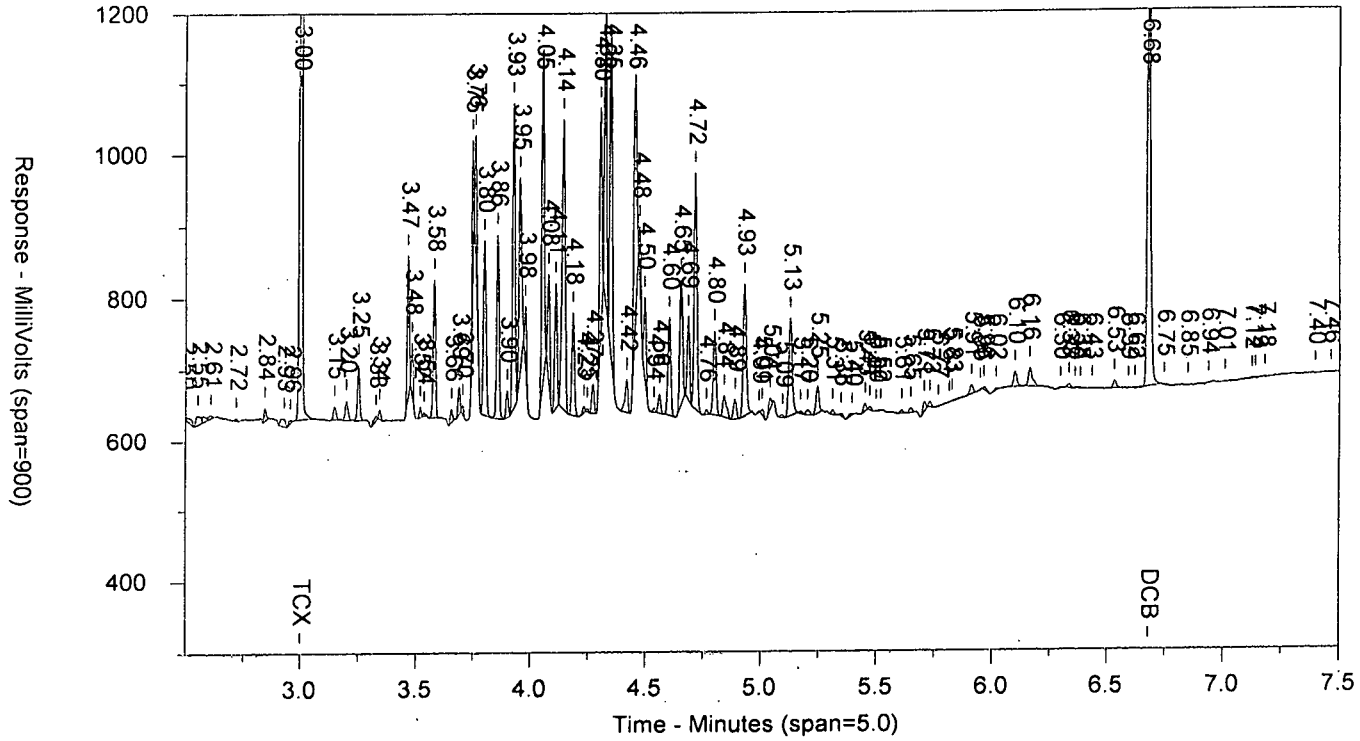

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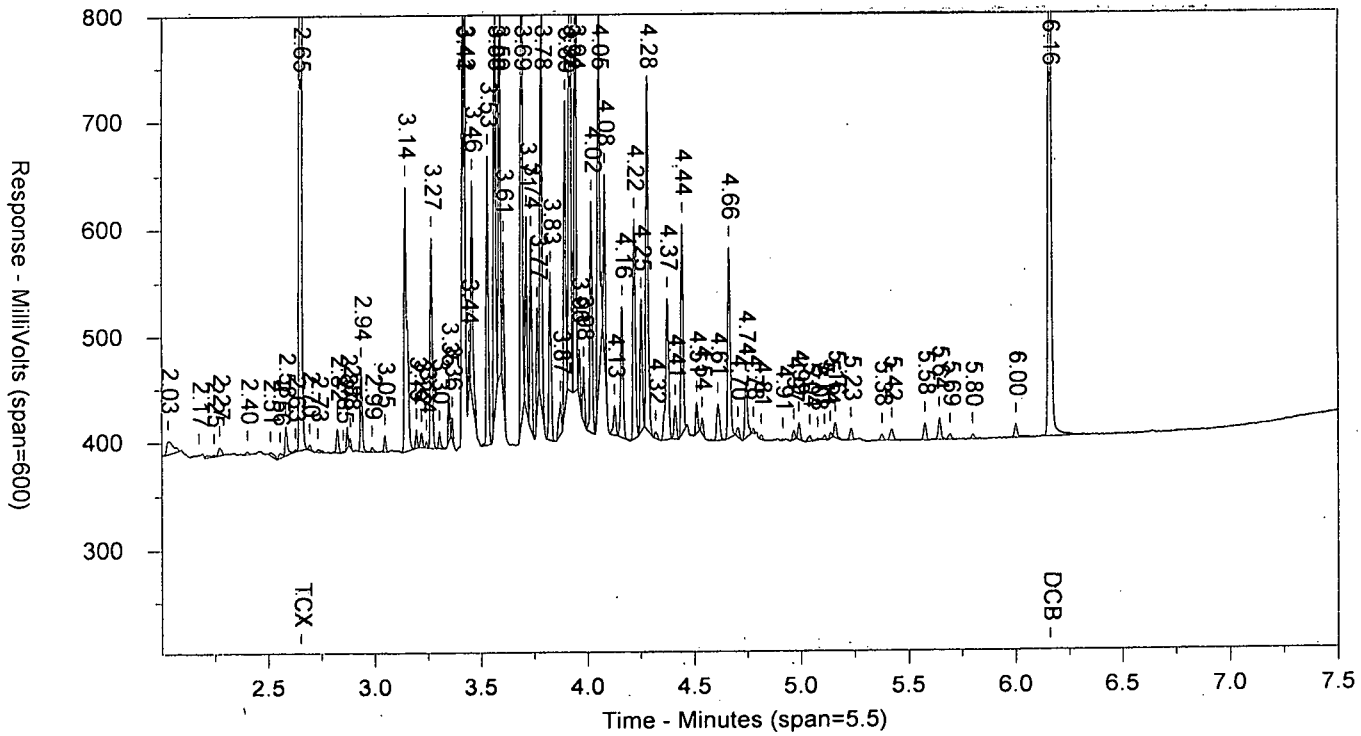

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:05:25 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0015.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.633		11666	10981
1.749		2880	1309
1.965		3696	3111
2.112		30032	41342
2.151		12367	16817
2.216		2935	1919
2.295		37205	30336
2.39		44407	31243
2.434		6133	6708
2.551		16665	16483
2.573		12684	15439
2.609		4087	5419
2.719		5648	4258
2.758		3371	1820
2.844		30661	26063
2.928		21406	33363
2.956		4577	3725
2.999	TCX	7336827	4717134
3.148		37063	31944
3.178		2582	952
3.197		116722	84588
3.251		152236	103731
3.328		16683	11579
3.344		28875	16231
3.408		2703	2215
3.465		380108	234784
3.482		140803	71812
3.519		30831	16990
3.535		7764	3788
3.58		375721	274111
3.655		37131	25948
3.689		83485	48432
3.704		25317	11586
3.748		351372	190773
3.76		332172	162506
3.799		474314	386221
3.858		501384	378637
3.9		79546	53604
3.927		833772	604134
3.955		526707	430525
3.977		158566	86437
4.054		950298	675442
4.078		285360	191220
4.11		343910	252136
4.144		805095	745623
4.184		280545	226157
4.232		26021	18608
4.25		5038	1935
4.271		92881	68430
4.305		611994	430630
4.324		858438	542216
4.349		902208	705853
4.419		96042	87876

RT A	Compound A	Height A	Area A
4.455		697919	593590
4.475		170863	86667
4.497		232641	155259
4.538		13989	8352
4.561		60068	45346
4.603		279833	247781
4.653		376682	316699
4.686		228898	168519
4.715		659248	570442
4.763		14790	10244
4.799		233592	218642
4.84		61945	72288
4.888		61341	55898
4.929		378872	366353
4.964		10114	6739
5.008		28306	35635
5.041		32045	22973
5.056		21701	12494
5.091		4899	3499
5.128		283962	293487
5.175		7289	5122
5.205		28625	28397
5.245		83105	73148
5.267		3153	1170
5.286		5002	2367
5.311		12632	10258
5.352		8919	6827
5.4		2103	5562
5.45		26414	22369
5.472		12562	9048
5.526		4908	3712
5.563		5605	8204
5.607		21535	21658
5.647		14700	12769
5.707		23500	18103
5.73		46025	37973
5.787		1646	1582
5.805		1513	866
5.842		1591	1213
5.91		29540	27899
5.963		13924	23572
6.02		2909	4401
6.099		101905	99004
6.162		120856	147723
6.287		1898	691
6.331		11195	9727
6.376		1206	469
6.405		1393	718
6.467		1492	610
6.498		1637	967
6.532		51231	50677
6.598		1829	547
6.618		1154	381
6.633		1081	354
6.678	DCB	2490478	2669944
6.804		1753	320
6.895		1463	685
7.001		1906	1046
7.043		1529	425
7.071		1516	811
7.093		1542	385
7.194		1570	430
7.238		1767	846
7.398		1468	292
7.431		1797	1406
7.486		1555	345

RT A	Compound A	Height A	Area A
7.545		1787	1059
7.631		1958	404
7.639		2728	937
7.716		1128	408
7.733		1746	658
7.762		1484	677
7.825		1455	414
7.847		1701	405
7.862		1337	586
7.883		1412	270
7.929		1352	788
7.95		1708	499
7.962		1369	371
8.104		1804	525
8.194		1923	1241
8.28		1399	368
8.336		2235	1140
8.425		1527	496
8.538		1258	1205
8.591		1483	1210
8.611		1889	322
8.659		1300	454

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:05:25 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0015.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		5446	4962
1.588		5467	7159
1.655		5411	4779
1.761		7512	6701
1.834		19775	18954
1.865		6401	5561
1.96		54106	60915
2.034		13423	23680
2.071		8099	6114
2.092		13774	9085
2.172		5749	3485
2.211		2022	1128
2.271		13493	12876
2.338		2958	2616
2.367		6726	4554
2.402		5368	3087
2.461		8184	8493
2.512		8736	19618
2.555		16813	17882
2.584		41136	31217
2.627		2543	1606
2.653	TCX	7800922	4686072
2.696		9572	5139
2.736		6505	7066
2.824		51675	40815
2.851		2049	877
2.87		105291	53585
2.885		14466	5512
2.911		4260	3077
2.937		157269	98844
2.987		21846	16524
3.048		36148	21674
3.078		5139	4675
3.144		488195	448828
3.195		38100	21249
3.217		21481	12839
3.242		14013	8321
3.265		406833	268639
3.303		33139	21633
3.348		90733	49080
3.363		34384	15189
3.391		3656	1477
3.413		378835	181619
3.423		403708	153487
3.443		84312	33244
3.457		409498	262528
3.53		574532	354488
3.565		957950	587175
3.588		875712	481653
3.606		290390	147464
3.691		1154113	740070
3.714		382719	204616
3.735		378158	230879
3.766		183699	95033

3.783		770118	486101
3.825		325541	229077
3.873		62324	54156
3.895		584779	363289
3.918		1466791	951701
3.942		975422	625227
3.961		88108	43211
3.981		100044	56895
4.017		446271	315797
4.052		736835	584350
4.08		374115	209347
4.127		61016	43123
4.163		255970	195938
4.22		437613	328741
4.253		253758	179574
4.28		690251	491343
4.319		13664	12778
4.375		274286	258913
4.41		63613	48932
4.443		412896	305429
4.467		10249	5401
4.485		7525	4523
4.511		56839	37689
4.536		32010	22607
4.611		74044	70829
4.663		389031	305630
4.703		15804	16528
4.743		110091	93606
4.776		9618	4282
4.814		9132	6882
4.889		3203	3378
4.913		2864	1702
4.965		18257	13621
4.99		33839	25893
5.039		11429	11903
5.074		3354	2563
5.11		19734	15415
5.137		12040	7745
5.159		31970	24262
5.233		57860	47478
5.374		14386	11780
5.421		23282	25341
5.575		81249	69715
5.643		98376	83663
5.692		23485	19500
5.798		9660	8714
5.999		62560	54258
6.158	DCB	3121701	2786305
6.635		2392	5464
7.639		1449	6480
7.76		1317	2031
8.294		5982	11230

AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082

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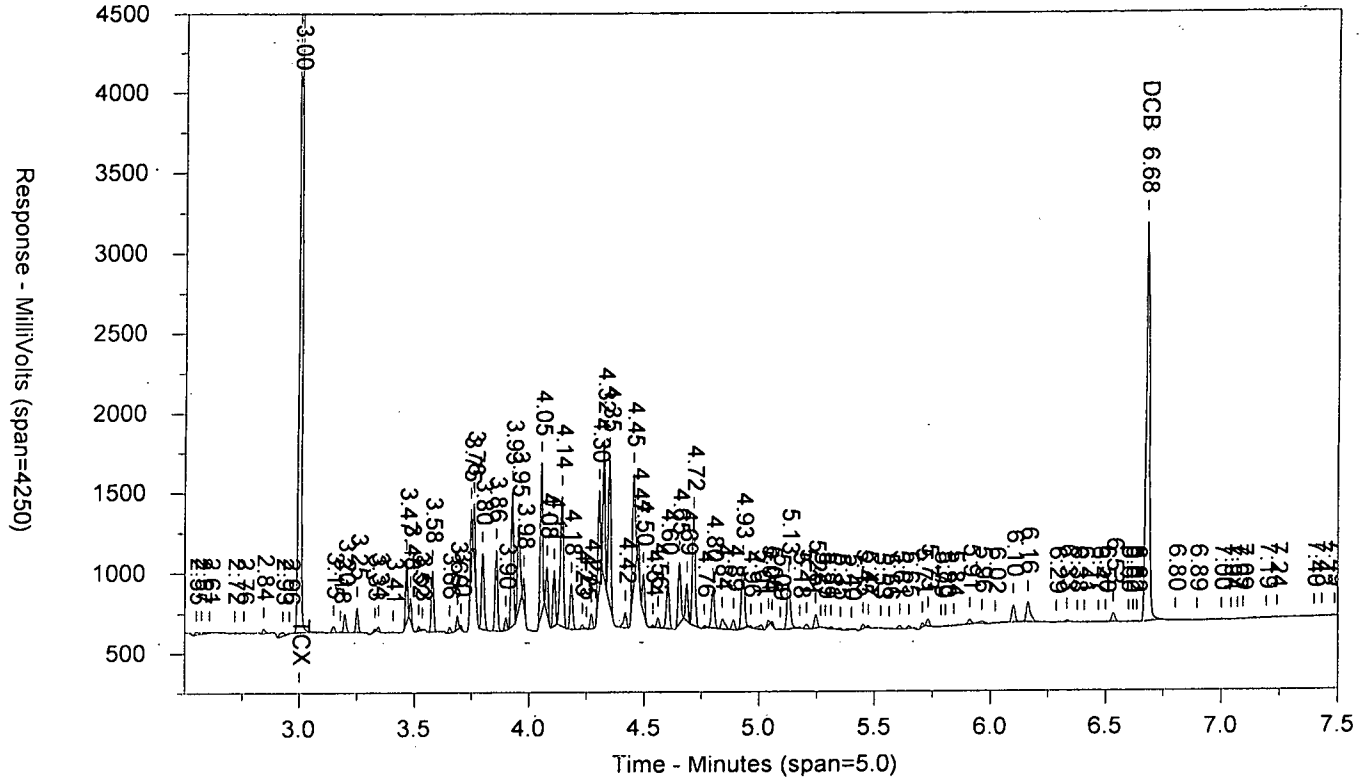

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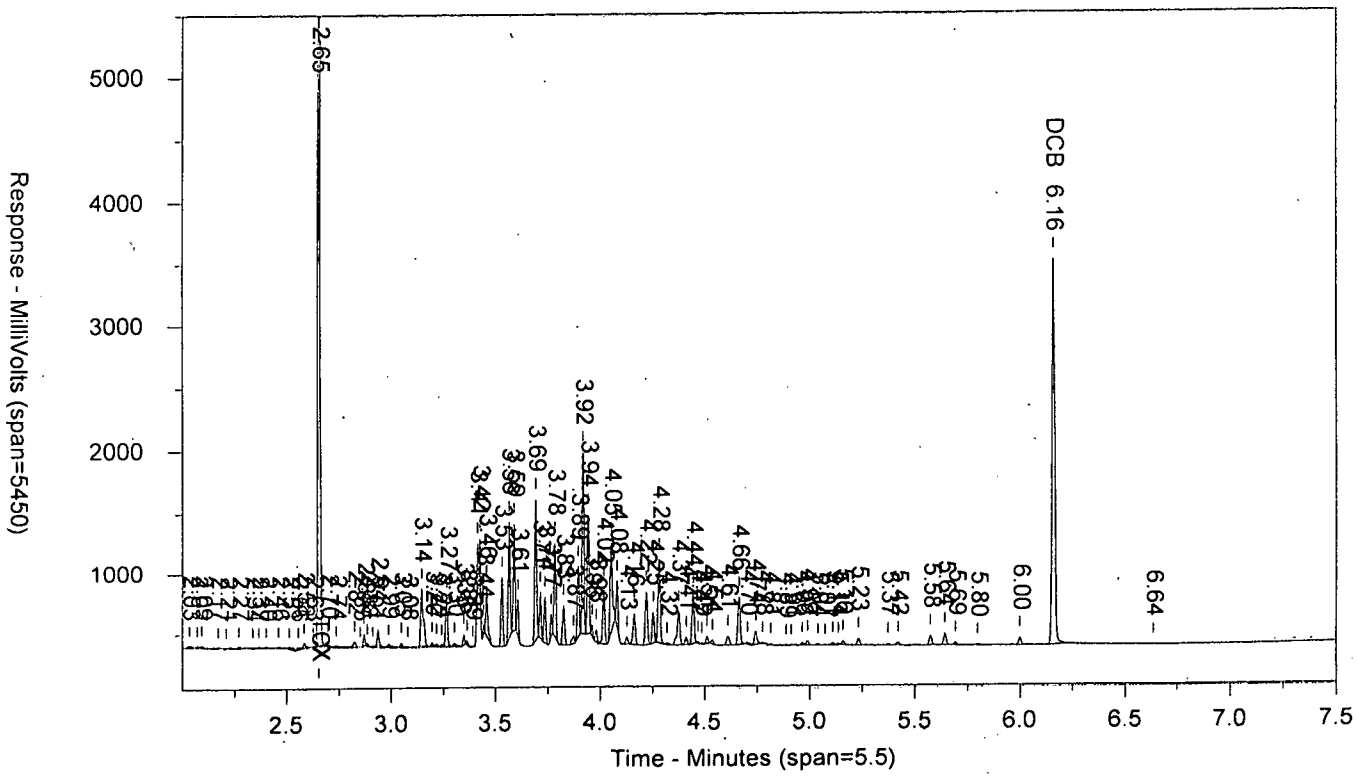

LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:05:25 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	7336827	19.384	TCX	2.653	7800922	20.073	TCX
6.678	2490478	18.451	DCB	6.158	3121701	19.596	DCB

Files:
Area File: 07pcbs17250001.0015.RAW
Area File: 07pcbs17250001B.0015.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:14:08 AM
File Reported On: 9/8/2017 at 1:14:16 AM

AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082

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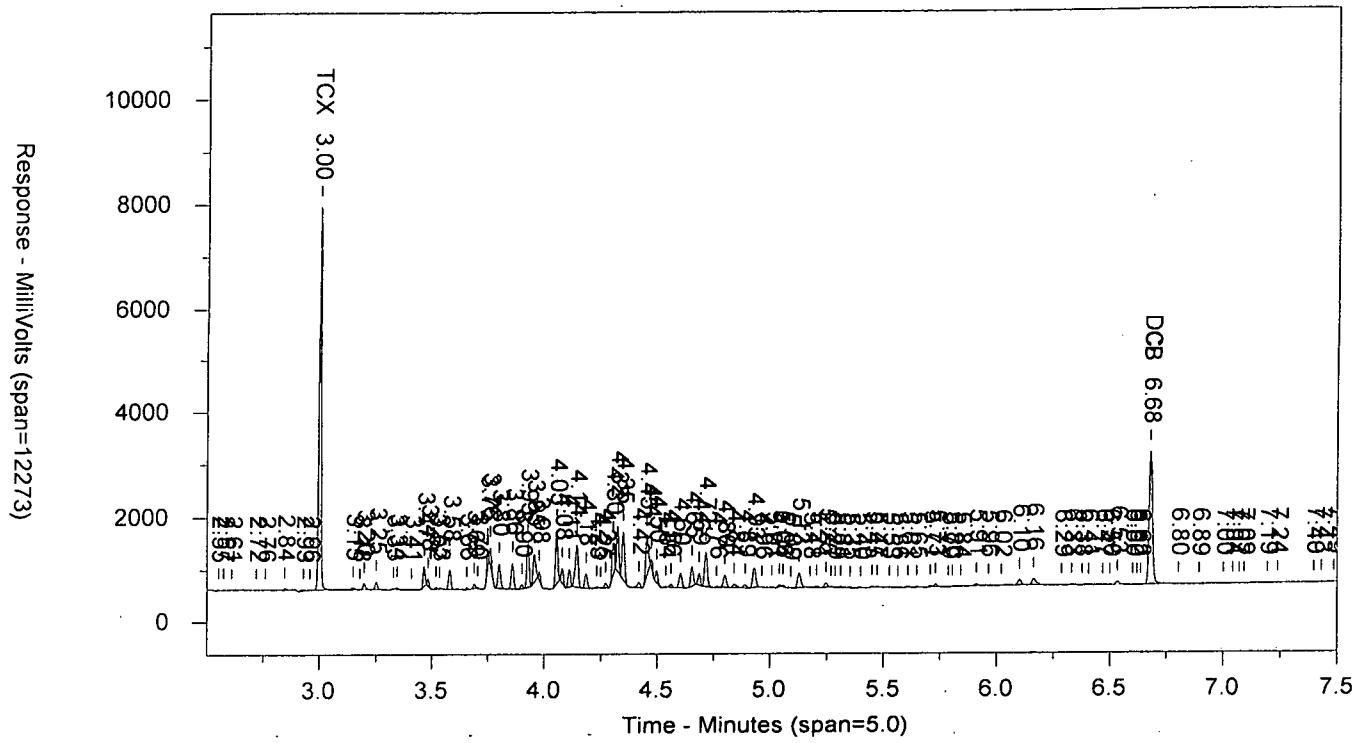

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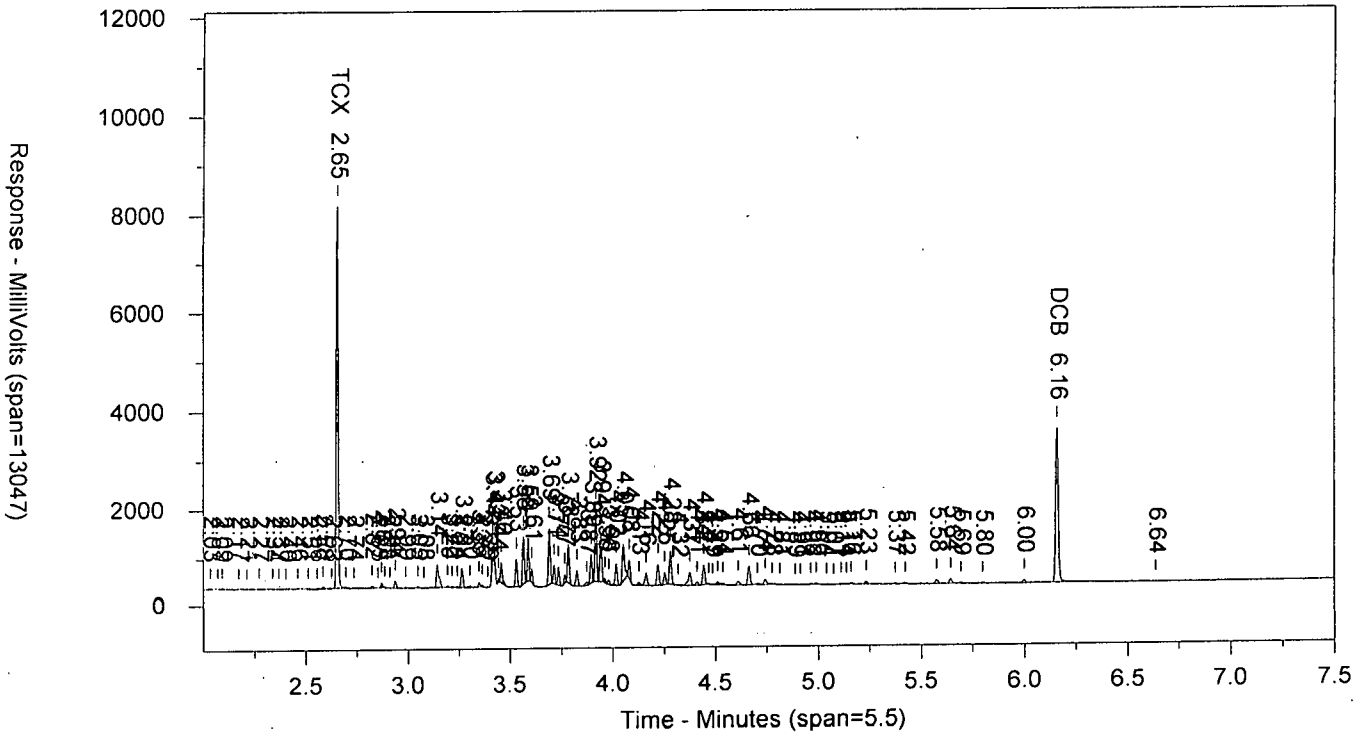

AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082

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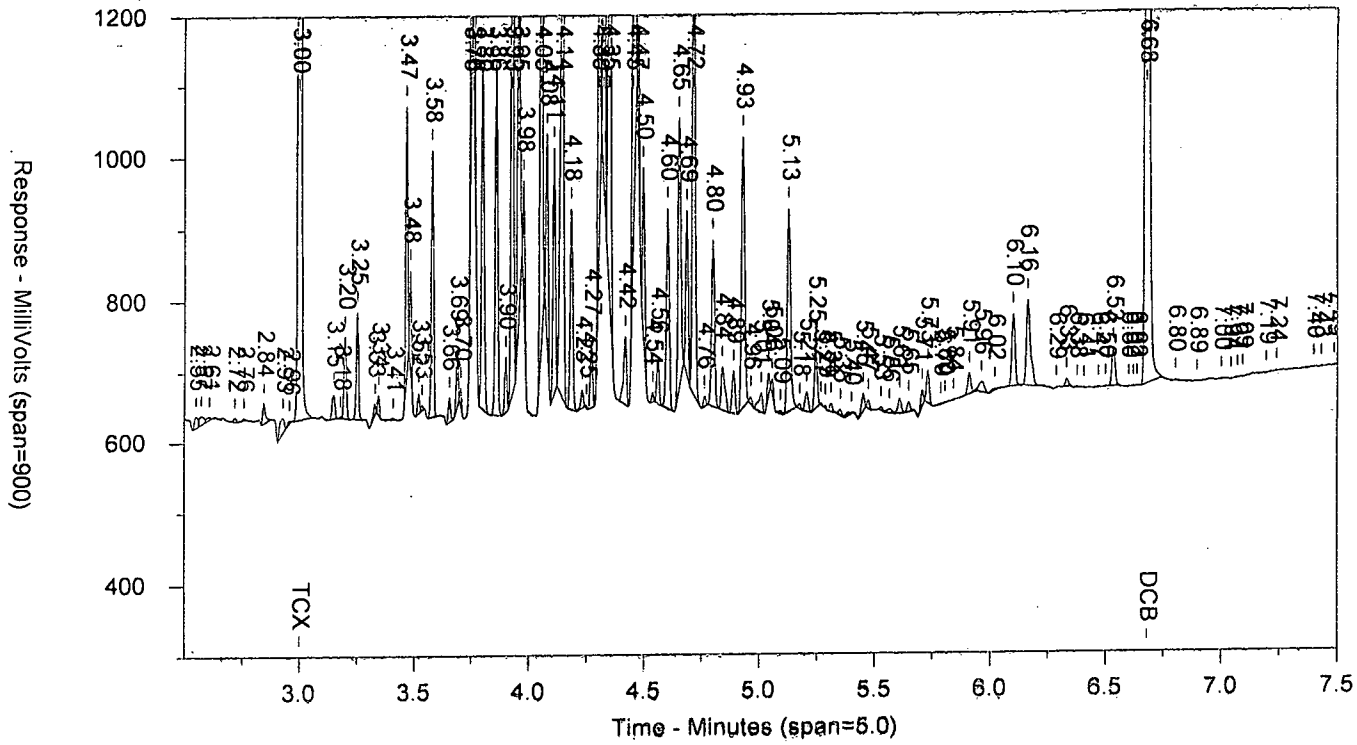

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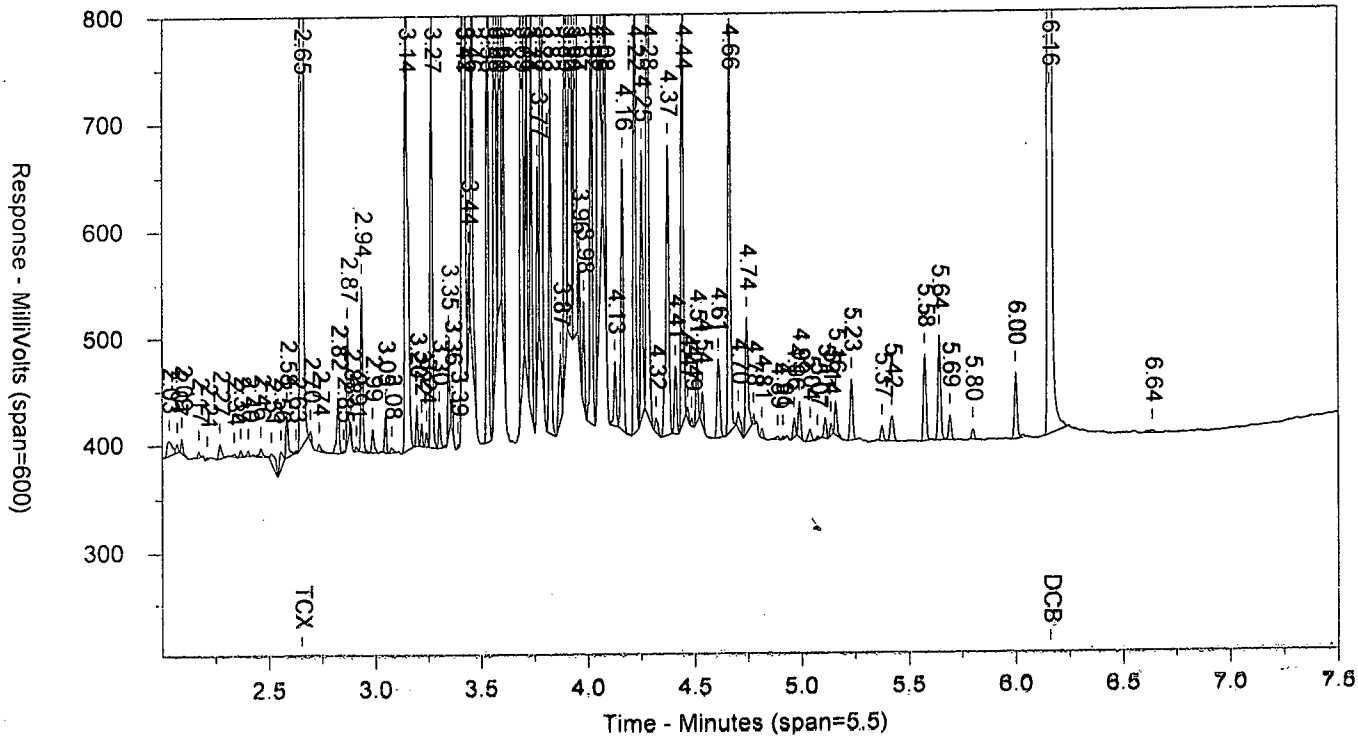

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:16:52 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0016.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.518		1729	1225
1.633		22488	25931
1.667		10649	22828
1.791		3850	2620
2.115		20297	49920
2.153		14581	23911
2.295		71506	48652
2.39		22907	14599
2.404		27473	17691
2.433		7002	6539
2.553		11718	13304
2.608		4212	4028
2.635		4874	3685
2.759		2323	1260
2.845		11670	10005
2.928		48892	80789
2.961		8140	11979
2.999	TCX	14928500	9407195
3.149		66295	57018
3.197		214579	162258
3.251		259845	180022
3.328		35771	23743
3.343		45658	26083
3.465		689252	415081
3.482		241860	129912
3.519		55850	31785
3.534		17548	7583
3.579		670320	489380
3.633		8438	3836
3.655		61624	43809
3.688		146785	86305
3.703		47386	22954
3.748		583568	331113
3.76		657071	303463
3.798		832524	686485
3.858		906294	683672
3.899		145258	100459
3.927		1504185	1085647
3.954		976002	776718
3.976		273154	146332
4.053		1683775	1226559
4.078		524046	344597
4.109		614598	446977
4.143		1465920	1347707
4.184		513154	405359
4.231		57788	53326
4.271		161381	128262
4.304		1185000	790751
4.324		1569701	997042
4.348		1674523	1286242
4.418		174418	156795
4.454		1240456	1070778
4.475		331237	175261

RT A	Compound A	Height A	Area A
4.496		407941	271429
4.537		27205	17127
4.56		107384	77277
4.602		476841	439555
4.652		626932	550495
4.685		393823	297928
4.715		1209912	1017714
4.764		24079	15606
4.799		413149	388942
4.841		117337	133493
4.888		102712	98766
4.93		677991	645507
4.963		16657	11302
5.008		49737	64294
5.04		57209	40982
5.055		27807	18811
5.091		9723	7948
5.127		505602	520219
5.174		13000	9257
5.205		44221	47271
5.245		142791	126291
5.265		5131	2306
5.284		8397	5076
5.311		24274	19787
5.35		14075	12240
5.391		5208	7234
5.404		1374	518
5.45		47692	36580
5.471		19447	13562
5.528		13246	10504
5.567		10011	13913
5.608		33930	32606
5.648		23791	23218
5.706		42365	32927
5.73		75302	59941
5.813		5668	6042
5.853		2393	1370
5.909		53844	51776
5.965		29309	48354
6.035		1839	7731
6.1		182382	177784
6.162		212251	253318
6.221		2237	1231
6.296		1881	1102
6.306		1312	372
6.333		20892	20680
6.366		1631	726
6.381		2440	1551
6.421		1437	626
6.449		1836	674
6.496		3551	2918
6.533		108701	110509
6.679	DCB	4777959	4941367
6.945		1692	425
7.016		2096	589
7.054		1478	703
7.14		2921	4084
7.267		1614	761
7.288		1474	395
7.358		1603	511
7.432		1356	427
7.46		1829	1310
7.506		1605	685
7.625		870	587
7.684		2405	574
7.718		1743	1210

RT A	Compound A	Height A	Area A
7.736		2038	846
7.752		1786	927
7.858		1176	441
7.899		1580	1515
7.913		1422	443
8.056		1818	934
8.148		1888	355
8.174		1352	673
8.268		2369	792
8.289		1041	660
8.363		1932	429
8.408		923	285
8.441		1851	472
8.544		1583	440
8.62		1589	944
8.628		1616	946

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:16:52 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0016.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		1933	1627
1.588		3694	3074
1.657		2248	1210
1.761		3707	4006
1.81		2159	2175
1.831		3947	2538
1.85		2329	1423
1.966		77338	69855
2.029		13059	21822
2.07		5077	4335
2.092		27110	18688
2.17		3220	5750
2.209		3760	4546
2.271		9084	10842
2.338		4115	2766
2.369		2323	1738
2.461		4306	5722
2.509		14519	44884
2.584		38231	107492
2.627		2691	1443
2.653	TCX	15469950	9306062
2.696		15951	8562
2.824		79922	59854
2.851		3229	1369
2.871		187930	99138
2.884		21121	7980
2.937		281034	174947
2.987		40681	25290
3.048		65079	39292
3.144		872455	790976
3.195		71240	40738
3.217		38517	23254
3.242		22763	12086
3.265		714327	478709
3.302		56643	34109
3.33		11485	4968
3.348		163572	87125
3.363		63044	28639
3.413		675467	303586
3.422		736329	299651
3.443		143625	57539
3.457		745458	470926
3.53		1021441	649925
3.565		1742697	1059840
3.588		1574319	873251
3.606		515991	265269
3.691		2153936	1353547
3.714		653800	361265
3.735		878130	418442
3.766		323742	172840
3.784		1450078	895330
3.825		588811	411324
3.873		119530	100057
3.895		1060707	647051

3.917		2851387	1767933
3.942		1904476	1167764
3.961		161209	78741
3.981		158155	91790
4.017		799368	567297
4.052		1373874	1071070
4.08		707315	388472
4.111		2530	1066
4.127		108096	72093
4.162		456075	349654
4.22		796333	604777
4.253		466142	326158
4.28		1225742	899136
4.319		26206	24679
4.374		499193	467800
4.41		120041	88475
4.443		736746	548291
4.466		22350	10988
4.486		10329	5659
4.51		106185	68137
4.536		59318	41676
4.61		134916	131121
4.663		710847	567334
4.713		41784	51659
4.743		193934	167794
4.775		16386	7589
4.814		16584	11520
4.888		2751	1479
4.914		4395	2170
4.932		6305	4266
4.965		33561	23898
4.989		61407	46924
5.039		19504	20869
5.075		5803	3883
5.11		32565	25684
5.137		22829	14740
5.159		53974	45408
5.232		90331	79607
5.352		2582	1611
5.375		25332	22229
5.421		46430	46361
5.575		151030	131449
5.644		174759	152164
5.692		36786	32267
5.799		21118	18108
5.83		2565	2461
5.999		117194	101974
6.158	DCB	5992879	5285374
6.605		3741	3359
6.631		3024	3108
6.86		2969	4765
7.102		6768	8786
7.4		1464	3585
7.579		887	2143
7.761		1534	2868
7.877		1515	2321
7.926		1551	2325
8.297		6495	11204

AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082

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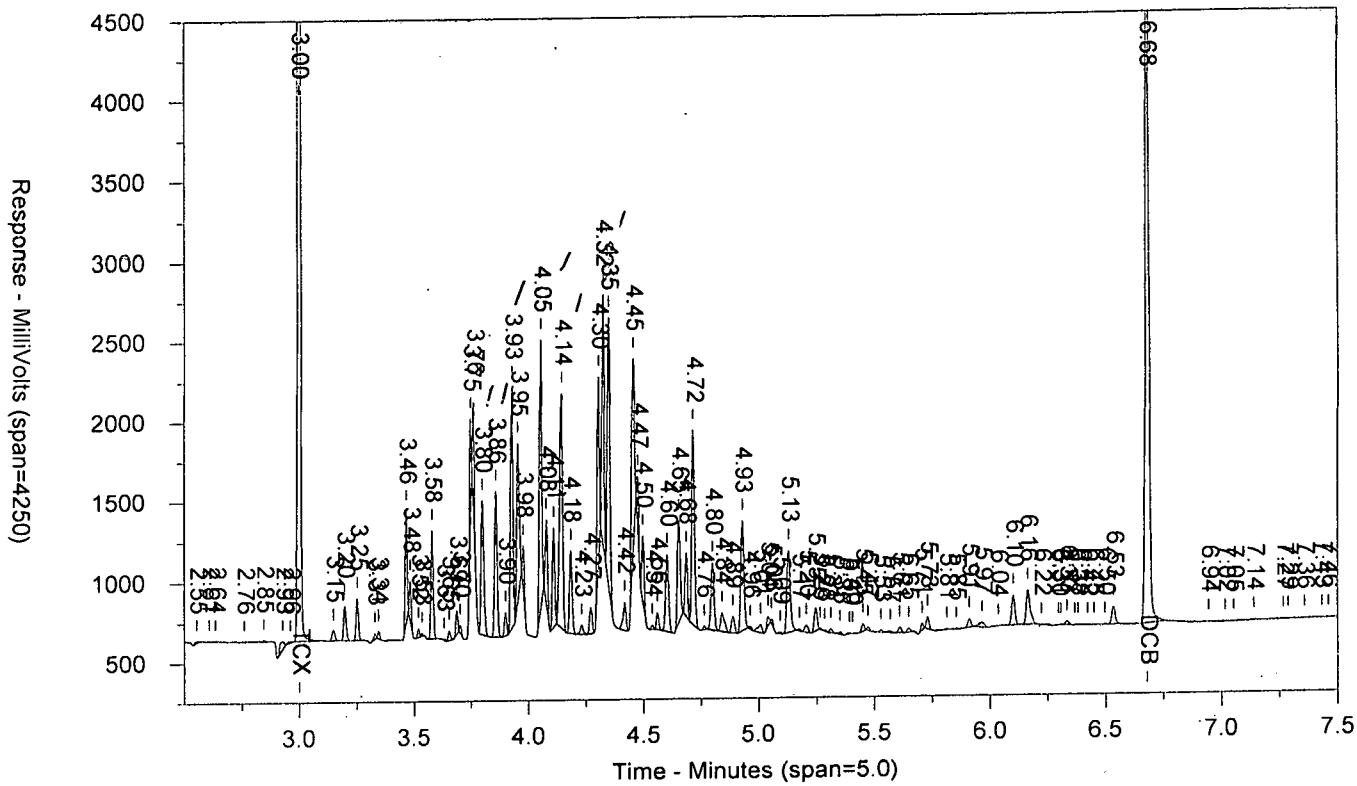

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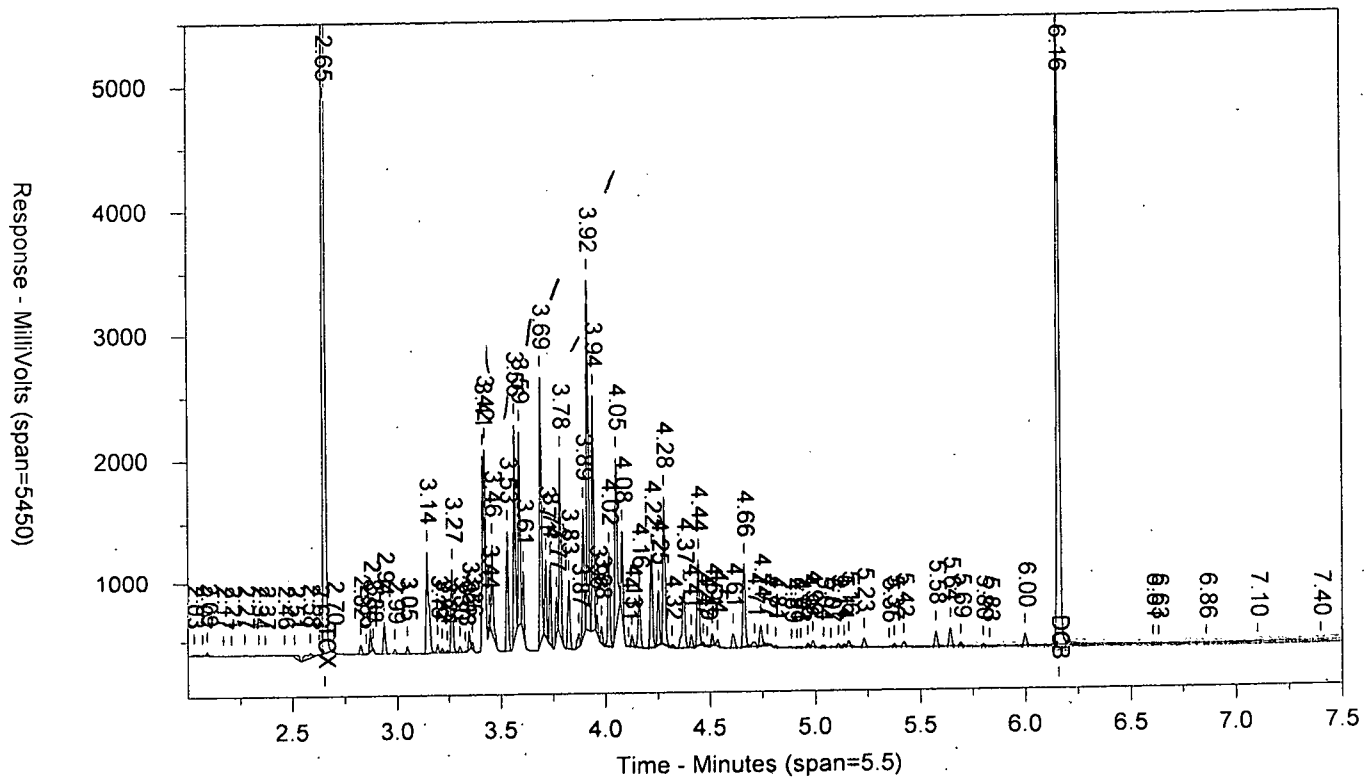

LANCASTER LABORATORIES

Sample Number: AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:16:52 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	14928500	39.441	TCX	2.653	15469950	39.807	TCX
6.679	4777959	35.398	DCB	6.158	5992879	37.619	DCB

Files:
Area File: 07pcbs17250001.0016.RAW
Area File: 07pcbs17250001B.0016.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:25:37 AM
File Reported On: 9/8/2017 at 1:25:44 AM

AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082

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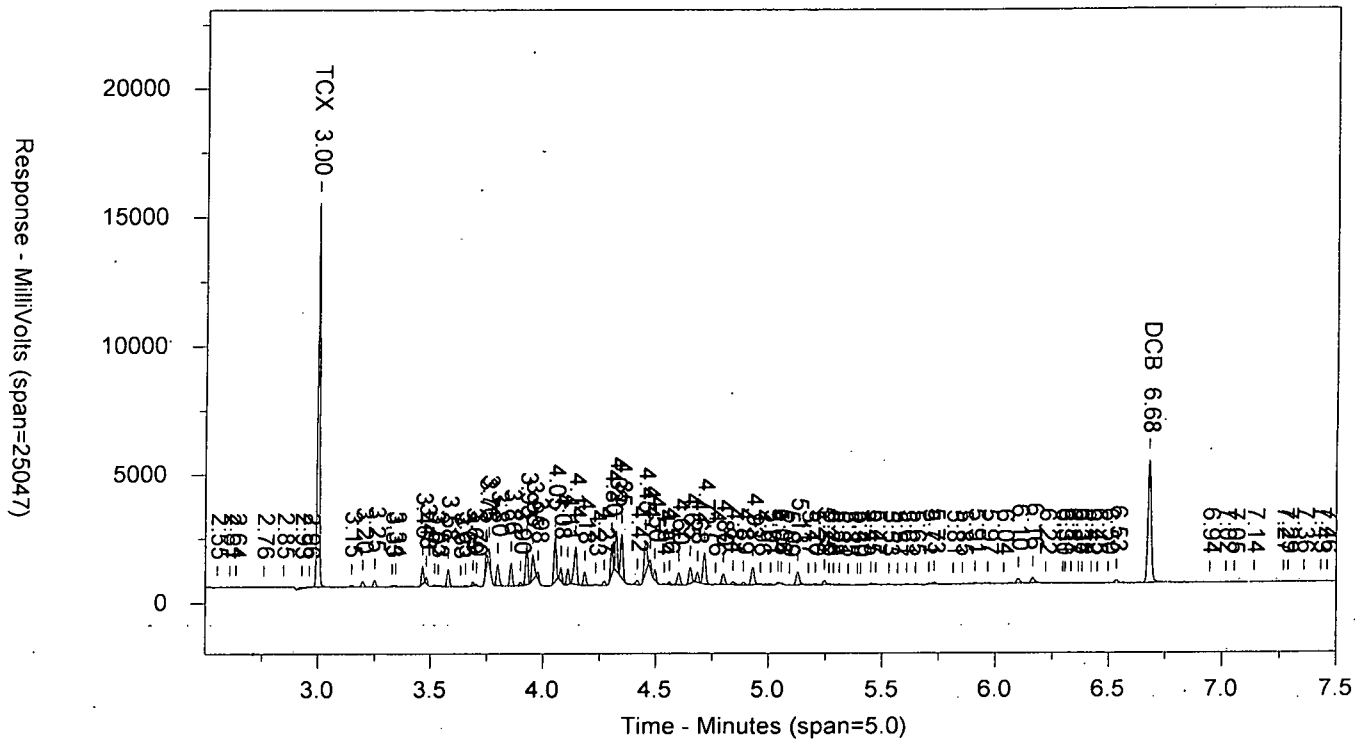

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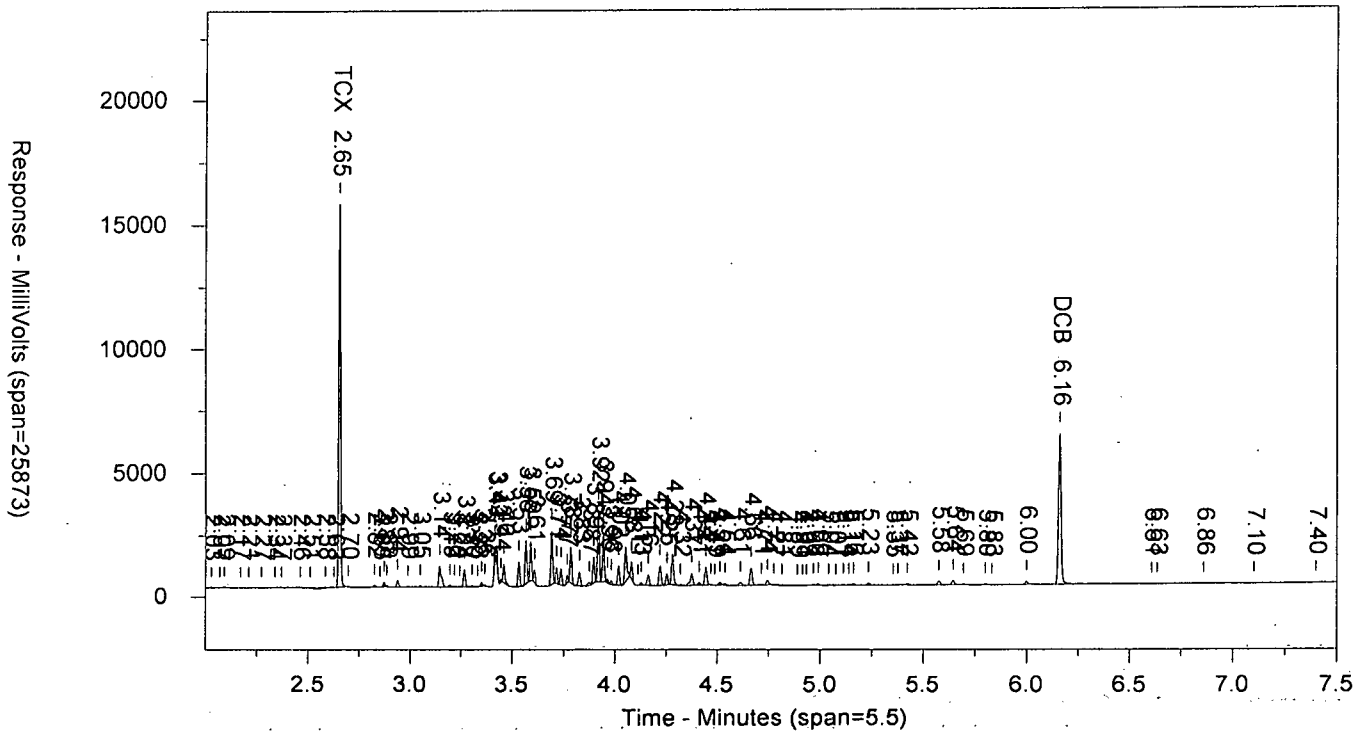

AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082

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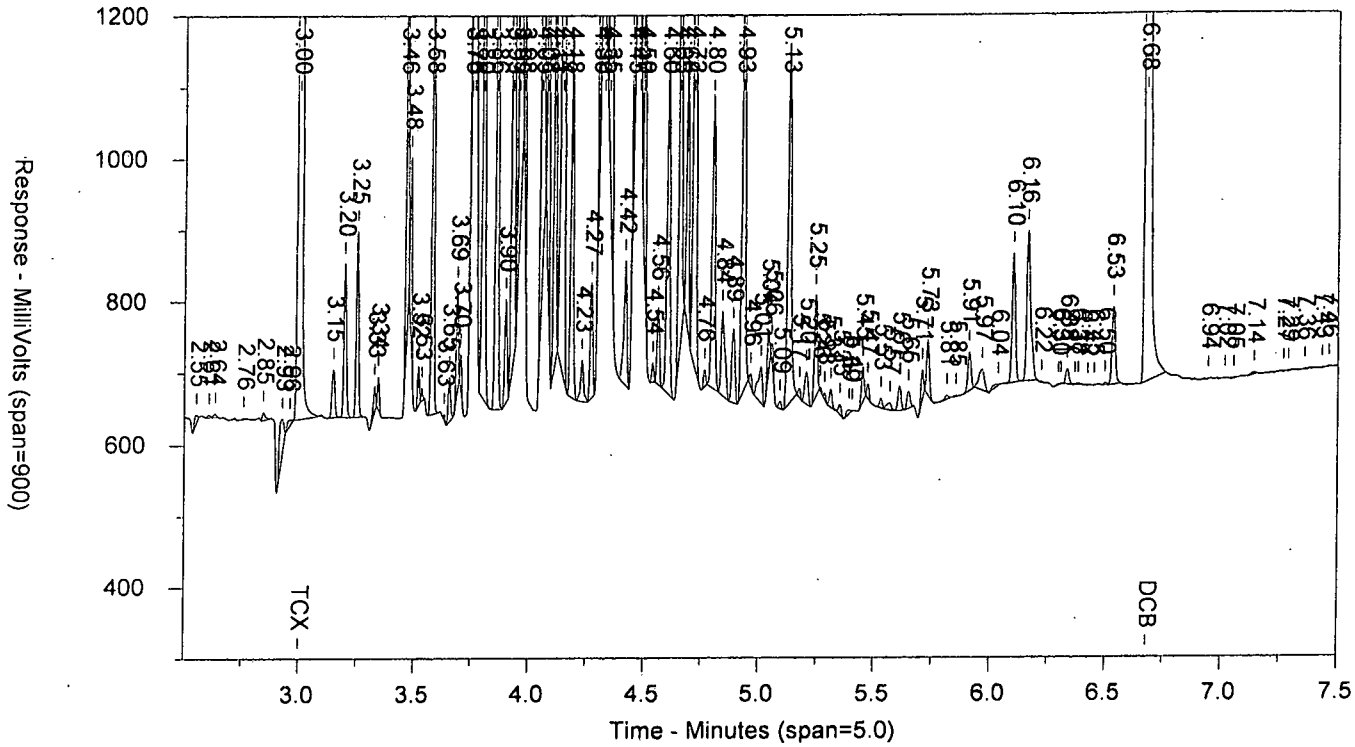

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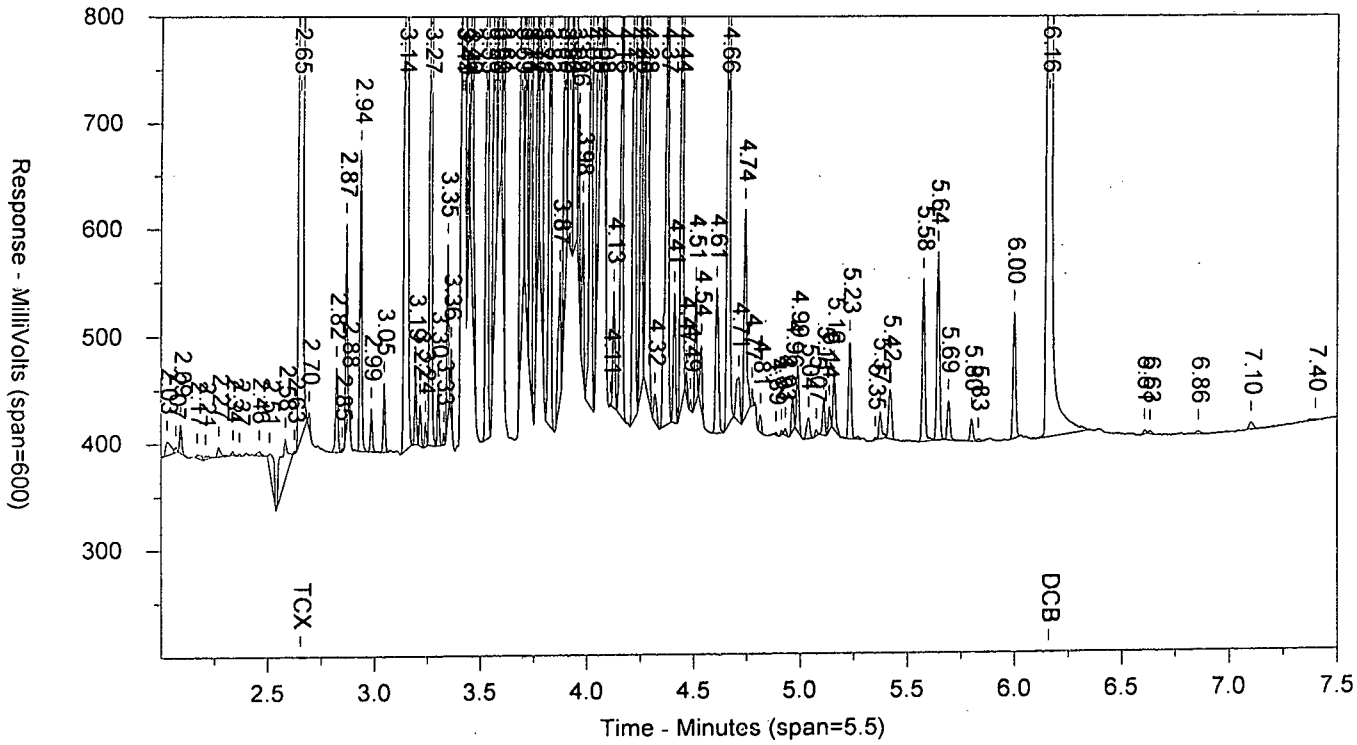

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:28:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0017.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.633		18133	19845
1.669		6777	14727
1.79		4520	3953
1.878		1656	985
2.037		3679	6479
2.113		23743	49066
2.149		35865	85441
2.22		3661	2560
2.295		108834	75010
2.391		32925	20501
2.404		42879	28344
2.434		7056	8228
2.497		2804	2249
2.55		14155	14003
2.636		9382	6966
2.775		3435	2331
2.845		49214	39670
2.919		9065	8073
2.957		5854	5235
2.999	TCX	22900820	14436220
3.148		156727	141861
3.197		329422	265199
3.251		585033	405879
3.328		45257	23458
3.344		117701	68342
3.383		2787	1714
3.465		1561419	944214
3.482		555698	289919
3.519		133576	76351
3.536		40730	18312
3.58		1540675	1111787
3.616		4588	1781
3.632		16147	8517
3.654		140051	95921
3.688		324240	193189
3.704		112116	53002
3.748		1475029	806705
3.76		1444090	646327
3.799		2016771	1591990
3.858		2120118	1592883
3.9		316633	226224
3.927		3593707	2562787
3.955		2286000	1794015
3.977		702249	363541
4.054		4155262	2967120
4.078		1240269	816137
4.11		1464301	1042822
4.144		3558466	3245722
4.184		1150654	934066
4.232		139755	125136
4.272		372004	300639
4.305		2890664	1962819
4.325		3990821	2528624

RT A	Compound A	Height A	Area A
4.348		4406884	3234556
4.42		390159	364145
4.455		3157361	2608606
4.475		886120	497161
4.497		970373	643078
4.538		63189	40733
4.56		237382	175900
4.603		1110722	1017706
4.653		1502628	1340849
4.685		946031	692014
4.716		2963614	2450038
4.765		54360	37507
4.8		1008786	902972
4.842		271736	300659
4.889		258053	233107
4.929		1618723	1541102
4.962		24351	17837
5.01		127559	167144
5.042		102745	79480
5.056		60332	40917
5.094		23920	18242
5.129		1256238	1249316
5.174		31346	21959
5.205		83536	91837
5.246		324967	290154
5.268		15100	7478
5.286		23398	12856
5.312		60412	47566
5.354		30431	25084
5.389		7143	7549
5.452		100027	84408
5.473		47577	33488
5.529		30255	24458
5.566		19210	26221
5.609		59896	57534
5.649		62376	57073
5.671		8255	5905
5.707		101979	79822
5.731		116843	94361
5.814		2013	2003
5.824		1904	356
5.91		114730	113130
5.967		57566	90209
6.027		1415	3559
6.1		277092	274597
6.163		318820	404221
6.334		48464	48794
6.379		4727	3613
6.458		1222	285
6.501		1635	1465
6.533		171284	167713
6.599		1830	583
6.679	DCB	7490788	7632484
6.783		2632	1552
6.847		1740	546
6.997		1827	1635
7.046		1457	482
7.1		1429	291
7.144		3622	5447
7.243		1714	1342
7.25		2003	813
7.271		1631	306
7.354		1068	781
7.372		1197	419
7.504		1346	572
7.532		1527	346

RT A	Compound A	Height A	Area A
7.558		1323	441
7.587		1479	693
7.669		1895	475
7.746		2080	940
7.84		1286	390
7.867		1732	691
7.9		1261	792
7.955		1517	448
7.981		1732	608
8.006		1265	395
8.063		1258	642
8.157		1808	1093
8.252		1389	984
8.505		1989	457
8.575		1568	443
8.587		1669	693
8.639		1662	538

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:28:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0017.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		5106	3921
1.65		2024	2023
1.833		5740	8553
1.966		108014	96572
2.034		18425	37183
2.092		41103	28145
2.221		3280	5457
2.272		7092	7902
2.337		10952	8970
2.4		2819	2570
2.457		2835	4074
2.558		9097	11908
2.584		69750	49564
2.625		3301	1651
2.653	TCX	23021770	13935380
2.695		41587	25145
2.825		188809	134540
2.851		2613	842
2.871		261279	136113
2.884		61041	26299
2.937		615590	396925
2.987		59634	35549
3.048		143205	90009
3.144		1947646	1763439
3.195		161232	94528
3.217		89337	52213
3.242		57393	30963
3.265		1615112	1087756
3.303		132600	82110
3.329		9647	4145
3.348		366270	198409
3.363		133121	63627
3.391		3120	1339
3.413		1591239	757833
3.423		1894795	778710
3.443		312204	125968
3.457		1723511	1106213
3.53		2337675	1520018
3.565		4141484	2448714
3.588		3801881	2055082
3.606		1230645	624237
3.691		5140846	3199087
3.714		1514558	842379
3.736		1631794	976172
3.766		777342	415906
3.784		3666751	2175234
3.826		1356404	947566
3.874		260281	224187
3.895		2551539	1566446
3.917		6993338	4309108
3.942		4619870	2889902
3.962		360925	180994
3.981		368395	206624
4.017		1943228	1318120

4.053		3408929	2592026
4.081		1791081	1004386
4.11		8917	3219
4.128		247576	165278
4.163		1095152	805846
4.22		1954883	1439029
4.253		1151181	774834
4.281		2993548	2152563
4.32		57502	55759
4.375		1156103	1085491
4.411		282240	204965
4.444		1803486	1296302
4.467		56580	29282
4.486		14615	7611
4.511		219386	148588
4.537		134952	92293
4.612		304557	301853
4.664		1745077	1391678
4.706		87085	108930
4.743		462437	388672
4.776		36959	17950
4.791		25791	12764
4.815		37440	25639
4.887		7383	7578
4.915		10980	6714
4.931		14187	9712
4.966		76799	55698
4.99		144555	110703
5.04		43912	43682
5.076		14873	10356
5.111		57222	45795
5.138		55159	35900
5.16		128065	108029
5.234		151829	137161
5.352		3524	2280
5.376		60044	47524
5.422		107514	113360
5.576		225818	196338
5.645		276261	233386
5.693		69996	60176
5.8		45283	37679
5.953		2213	1639
6		176170	153841
6.03		2994	1788
6.159	DCB	8686512	8108268
6.607		5443	5165
7.376		1535	1687
7.691		1250	2165
8.289		6149	13382

AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082

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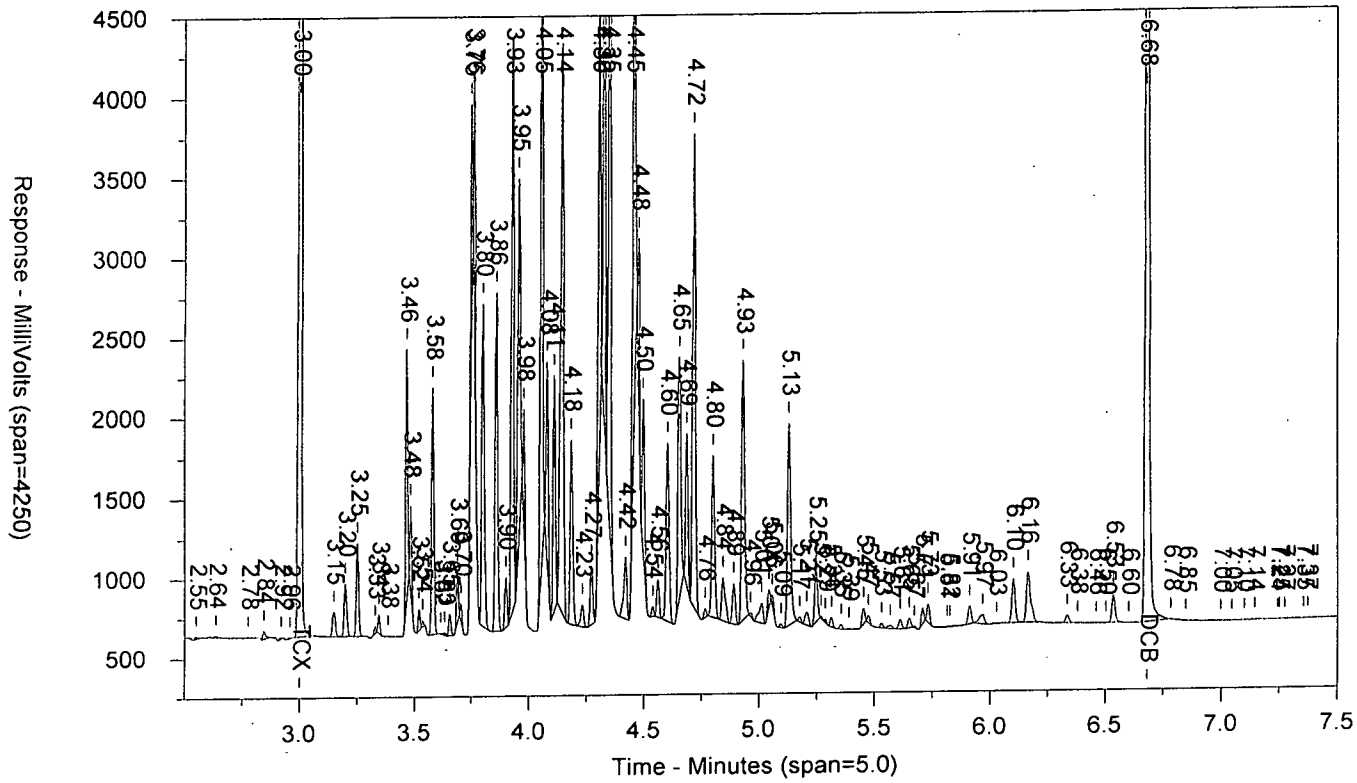

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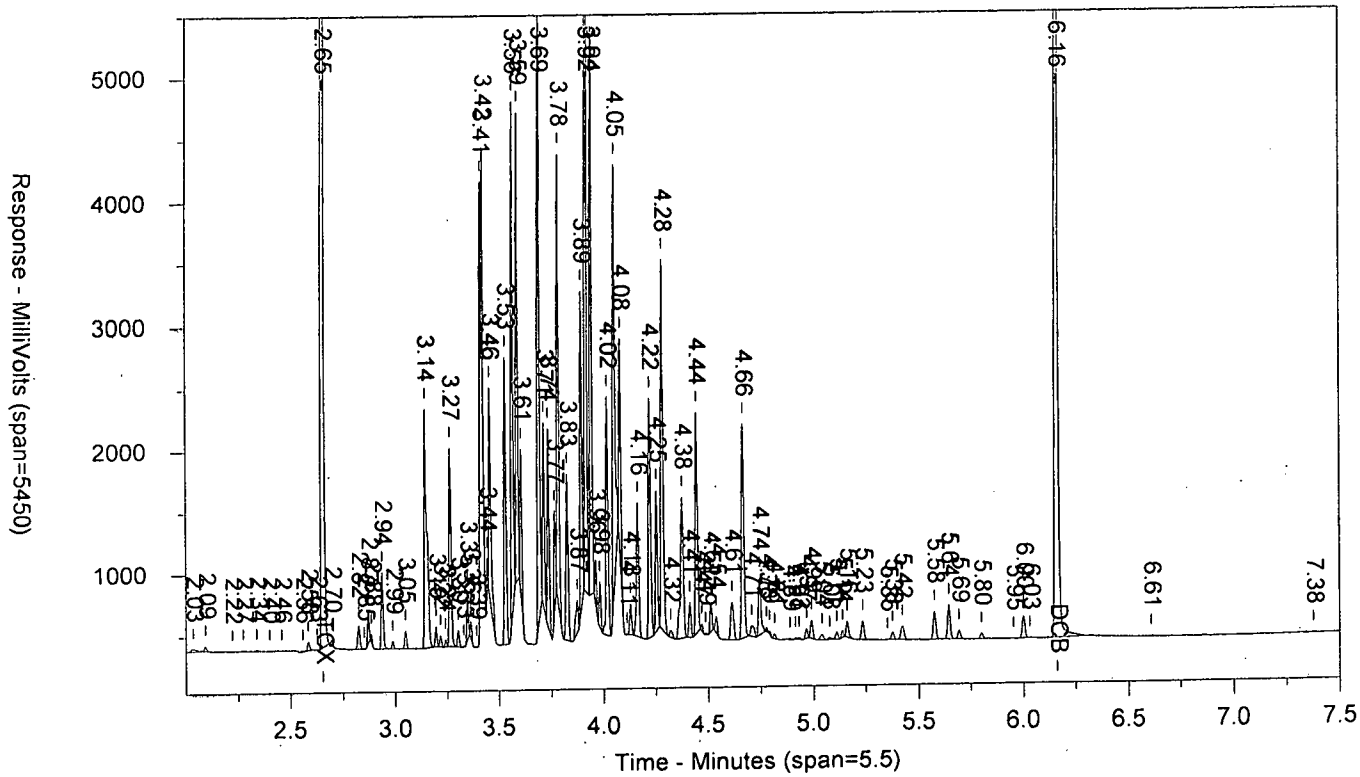

LANCASTER LABORATORIES

Sample Number: AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:28:22 AM
Sample Weight: 1
Instrument ID: CP7-19843A
Dilution Factor: 1
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: 8
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
2.999	22900820	60.504	TCX	2.653	23021770	59.239	TCX
6.679	7490788	55.496	DCB	6.159	8686512	54.528	DCB

Files:
Area File: 07pcbs17250001.0017.RAW
Area File: 07pcbs17250001B.0017.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:37:05 AM
File Reported On: 9/8/2017 at 1:37:16 AM

AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082

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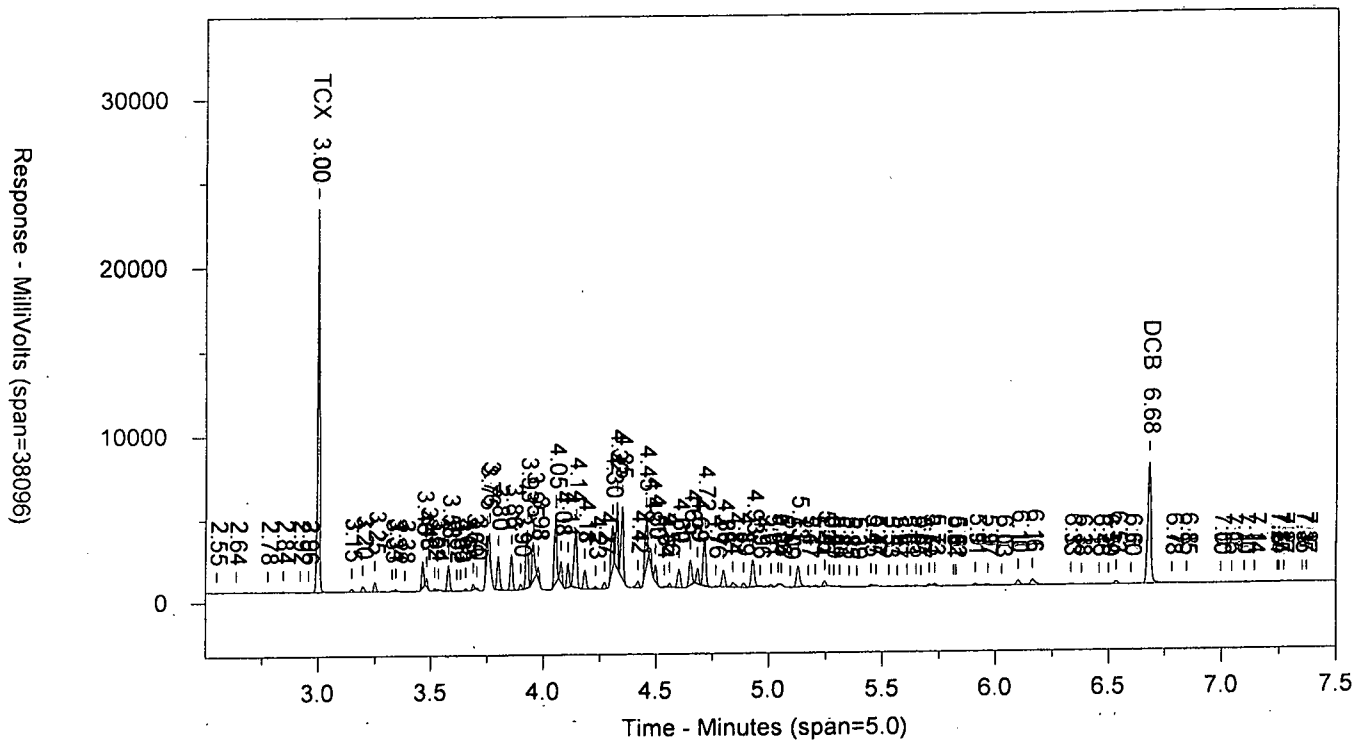

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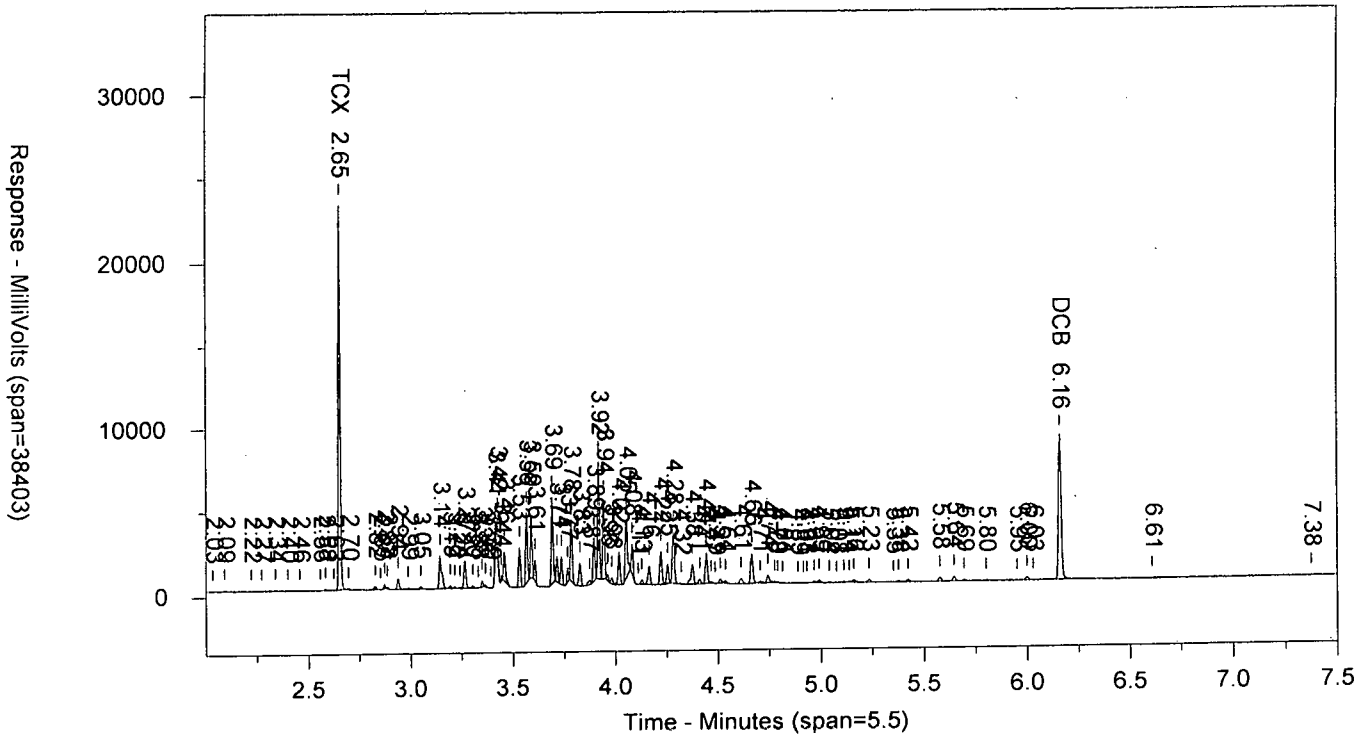

AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082

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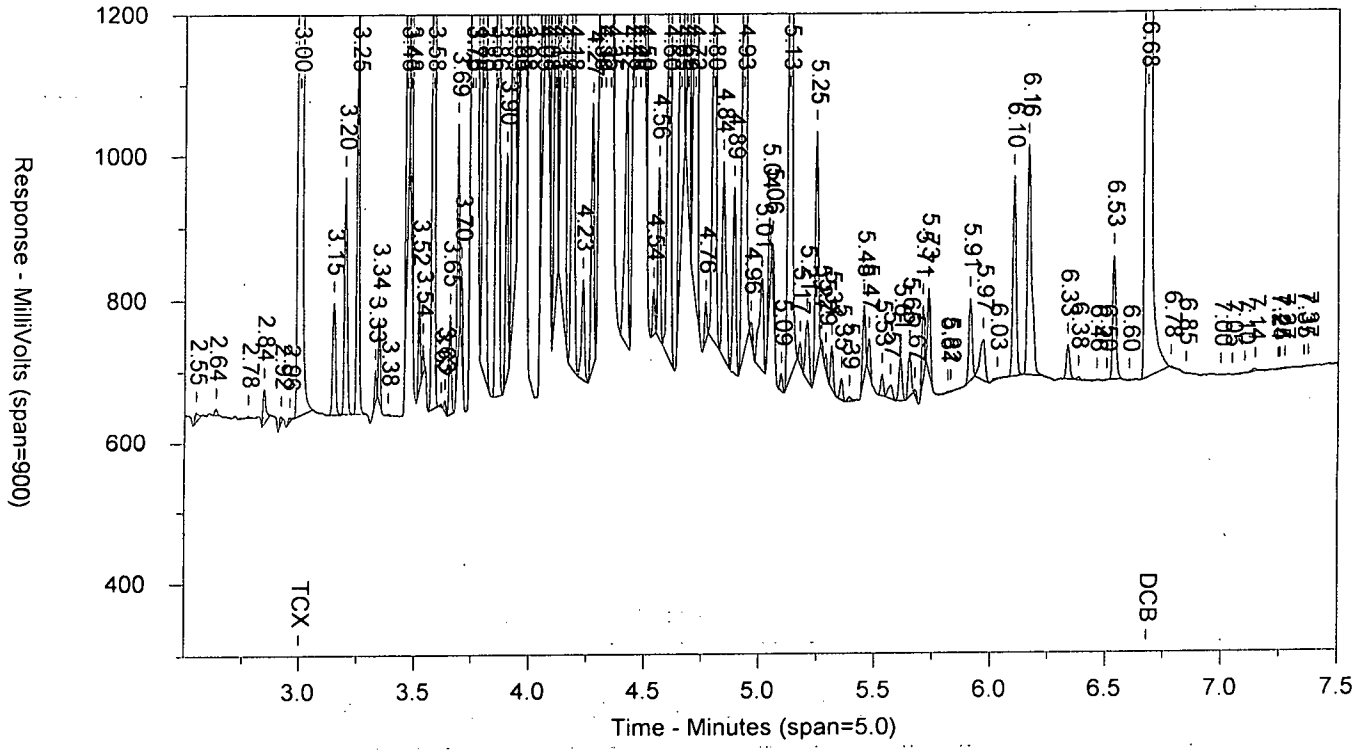

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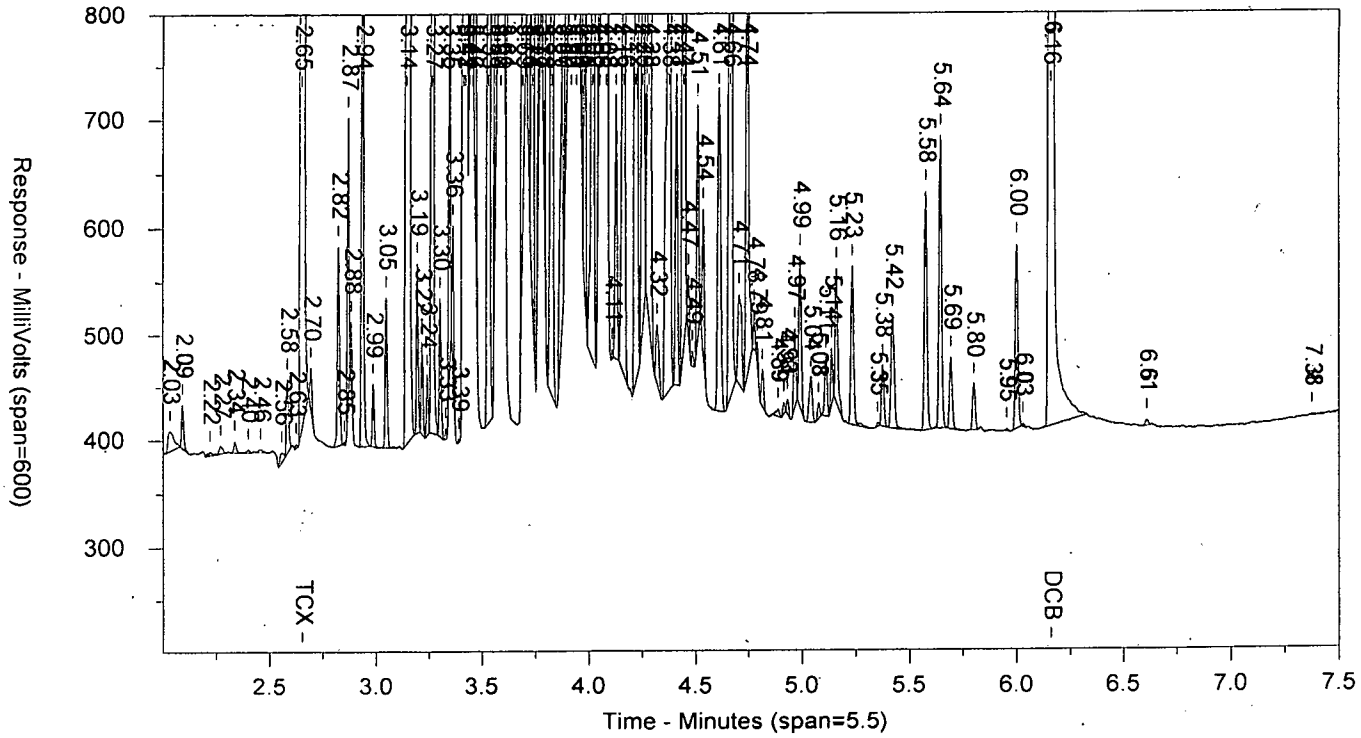

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:39:49 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0018.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.669		9517	49575
1.754		4841	4202
1.793		5102	5190
1.865		6328	4513
1.97		10193	8338
2.029		15860	23233
2.07		26769	22366
2.112		25220	47248
2.147		34476	55442
2.179		29761	41798
2.22		3173	2146
2.295		139101	114154
2.39		37920	33191
2.404		54083	36399
2.479		18758	11889
2.552		22289	25435
2.575		34048	36290
2.608		7093	10716
2.636		20011	14014
2.668		20878	16300
2.758		23878	21500
2.845		50811	41989
2.932		32477	36748
2.956		6247	6052
2.999	TCX	31936060	19687210
3.098		23256	21390
3.147		301157	256884
3.179		6479	3408
3.198		433599	369365
3.251		1126647	773920
3.328		56094	27944
3.344		222891	129552
3.386		7550	4744
3.407		12547	10168
3.465		2978687	1782858
3.482		992244	529749
3.519		250576	139279
3.535		69605	30640
3.546		32155	13584
3.579		3021535	2133819
3.617		12549	6475
3.633		26711	14007
3.655		257841	176477
3.688		631914	367277
3.703		209944	101216
3.748		2850033	1600291
3.76		3297145	1526338
3.799		3923484	3129767
3.858		4353800	3152041
3.9		597855	419283
3.927		7338840	5070585
3.954		4767566	3681732
3.977		1309508	693600

RT A	Compound A	Height A	Area A
4.053		8303367	5911710
4.078		2485904	1609347
4.109		2992732	2053713
4.143		7431829	6547065
4.184		2266709	1809573
4.231		270197	233038
4.271		742630	566978
4.305		5858292	3951210
4.324		8405661	5248912
4.348		9165984	6745840
4.419		746168	704622
4.455		6682381	5491096
4.475		1843601	1024391
4.496		1831585	1171552
4.537		122072	80787
4.561		452329	338318
4.603		2215547	1977483
4.653		3216691	2695790
4.685		1878570	1421160
4.715		5904457	4980910
4.764		111278	75221
4.799		2009215	1793539
4.841		483616	582734
4.889		508434	457527
4.929		3506272	3154729
4.96		20493	17201
5.009		247136	325242
5.041		224392	166335
5.056		129455	83965
5.093		45213	35775
5.127		2667285	2541221
5.174		66085	44619
5.204		104888	130111
5.246		615499	553073
5.269		30739	14098
5.286		40653	24607
5.311		107968	90809
5.354		55149	49633
5.385		10754	10346
5.451		206401	166107
5.473		90212	65536
5.529		57756	49190
5.567		35087	41932
5.608		70094	69786
5.647		129247	114989
5.672		20351	13955
5.706		214375	172918
5.731		136813	101422
5.809		1864	831
5.83		1421	1412
5.847		1971	594
5.91		215127	208829
5.965		101529	158046
6.02		2439	3491
6.1		328676	323505
6.163		376853	478507
6.289		1975	1051
6.332		88677	88525
6.377		4904	4331
6.532		199444	208123
6.628		2019	1275
6.678	DCB	9982796	9577335
6.815		2859	1504
6.921		1533	1017
6.959		1692	972
7.066		1108	611

RT A	Compound A	Height A	Area A
7.097		1450	593
7.106		1367	390
7.135		5287	6591
7.18		1491	386
7.233		1466	1222
7.288		1171	570
7.391		1074	459
7.42		1415	419
7.454		1897	448
7.586		1130	396
7.611		1171	400
7.685		2042	463
7.707		1811	735
7.802		1219	335
7.825		2151	1111
7.877		2251	680
8.033		2028	548
8.092		1343	725
8.26		1596	372
8.339		1579	349
8.363		1602	365
8.442		1494	610
8.497		1985	483
8.561		2058	814

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:39:49 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0018.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.562		13260	12018
1.588		4765	3714
1.617		2658	1581
1.662		19565	17405
1.725		1859	1437
1.764		28827	24927
1.832		6074	11741
1.868		31279	24379
1.927		3299	2469
1.967		153432	136958
2.029		16630	23687
2.072		31557	18530
2.092		49022	29571
2.172		37704	31619
2.225		6245	9987
2.271		43749	34775
2.337		20784	16665
2.367		34256	24710
2.401		2534	1620
2.463		35421	29729
2.513		8459	12545
2.557		36698	32792
2.583		41524	27190
2.607		5606	3112
2.653	TCX	30090800	18419370
2.696		86711	58400
2.737		24452	23406
2.782		3884	2968
2.824		365164	269726
2.87		324552	164443
2.884		136885	60446
2.913		14828	10636
2.937		1133835	732740
2.987		82204	63814
3.047		262895	170239
3.08		18267	16442
3.111		4611	3106
3.144		3659840	3319471
3.195		306519	180801
3.217		165619	95405
3.242		111878	62781
3.265		3133105	2065670
3.303		251105	151328
3.329		19119	8094
3.348		702395	375267
3.363		252743	118878
3.391		8072	3742
3.413		3183792	1376149
3.423		3694409	1547661
3.442		576356	233092
3.457		3413511	2173679
3.531		4941948	2976490
3.565		8268068	4813177
3.589		7447223	4044088

3.606		2372650	1178278
3.691		9913679	6269644
3.715		3060602	1652367
3.736		3251523	1879043
3.766		1554618	808512
3.784		7213186	4279642
3.826		2535441	1815562
3.874		504155	426609
3.895		5098253	3068772
3.918		13655940	8547686
3.942		9328788	5794567
3.962		703460	346478
3.981		632444	369067
4.017		3746953	2560023
4.052		6987450	5161244
4.081		3905568	2113088
4.11		13113	4877
4.128		474866	311772
4.162		2013135	1518339
4.22		4047120	2844348
4.253		2145498	1507393
4.281		5989253	4262820
4.319		114562	107987
4.375		2279543	2098735
4.41		533941	391911
4.443		3584998	2553153
4.467		104616	56990
4.486		10566	4774
4.511		436803	287851
4.536		271008	193319
4.611		583184	567634
4.663		3828391	2813619
4.705		154003	154878
4.743		860511	736623
4.775		60207	29825
4.789		49203	25809
4.814		72002	49509
4.873		4327	3246
4.888		8612	4987
4.914		18495	11576
4.932		30741	19085
4.965		142135	100096
4.989		262818	209976
5.04		77287	75036
5.076		27866	19870
5.11		70355	57068
5.138		106779	70663
5.159		253640	202889
5.233		188617	161918
5.351		5416	3687
5.374		106432	88179
5.422		185883	197750
5.575		261128	228545
5.644		302127	265699
5.692		95222	81282
5.8		85238	69072
5.831		4227	3488
5.95		3492	3378
6		218342	186667
6.03		3165	1960
6.158	DCB	11280450	10105090
6.476		2068	1663
6.608		6990	6650
8.291		5308	9285

AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082

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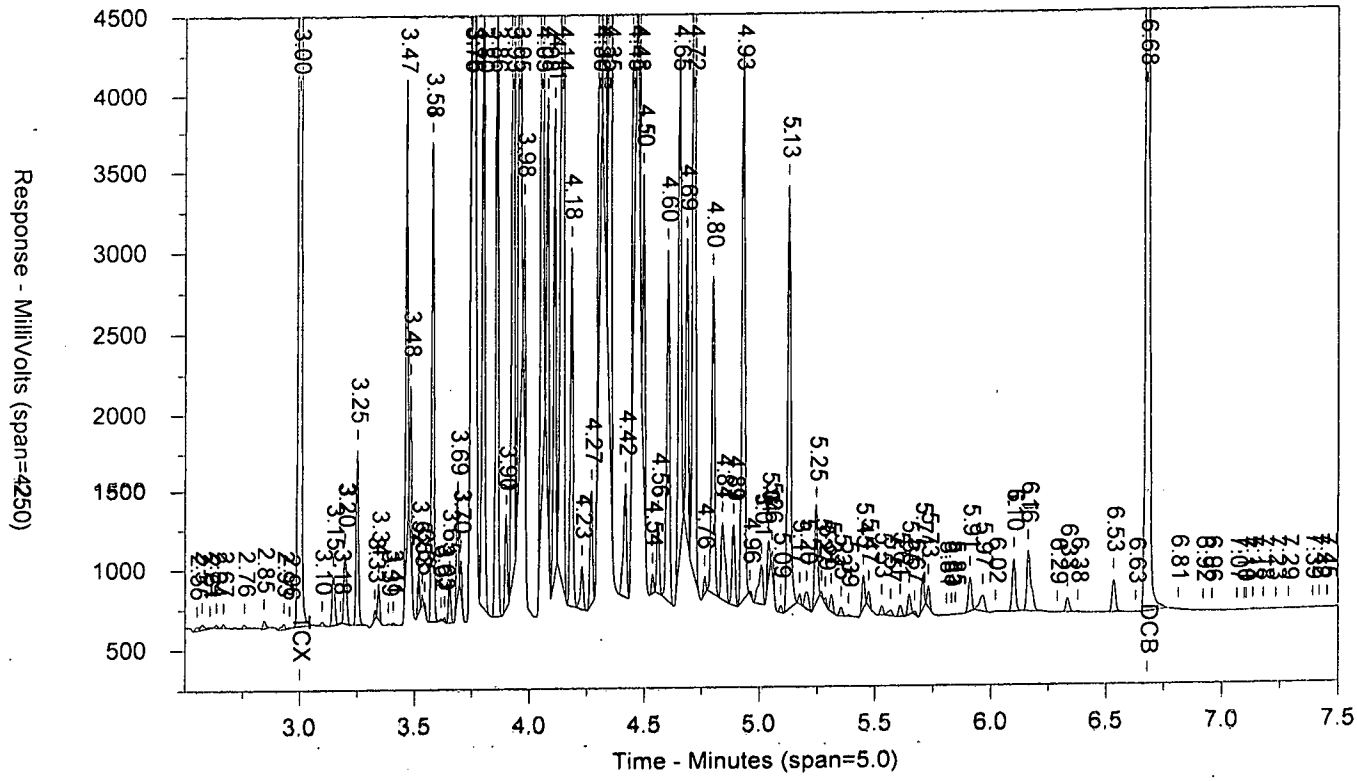

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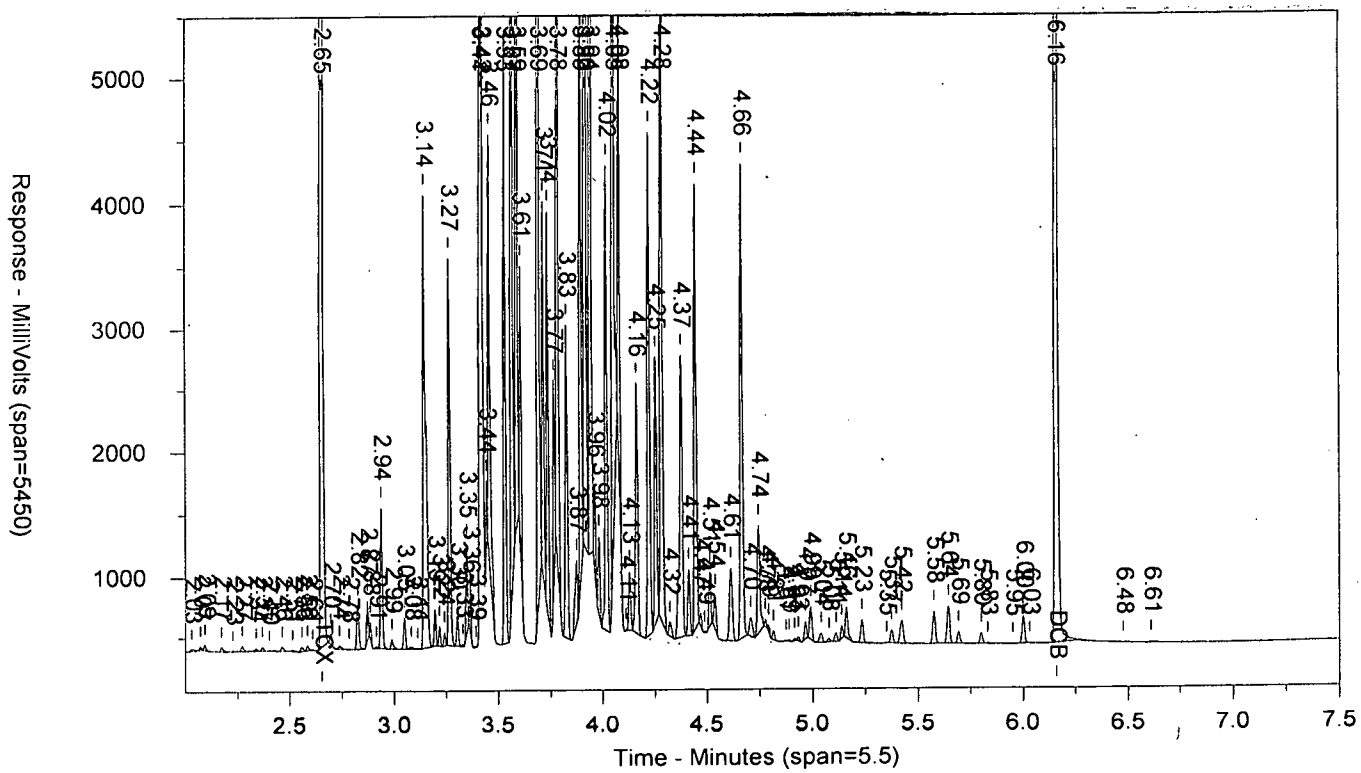

LANCASTER LABORATORIES

Sample Number: AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:39:49 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	31936060	84.375	TCX	2.653	30090800	77.429	TCX
6.678	9982796	73.958	DCB	6.158	11280450	70.811	DCB

Files:
Area File: 07pcbs17250001.0018.RAW
Area File: 07pcbs17250001B.0018.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:48:35 AM
File Reported On: 9/8/2017 at 1:48:46 AM

AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082

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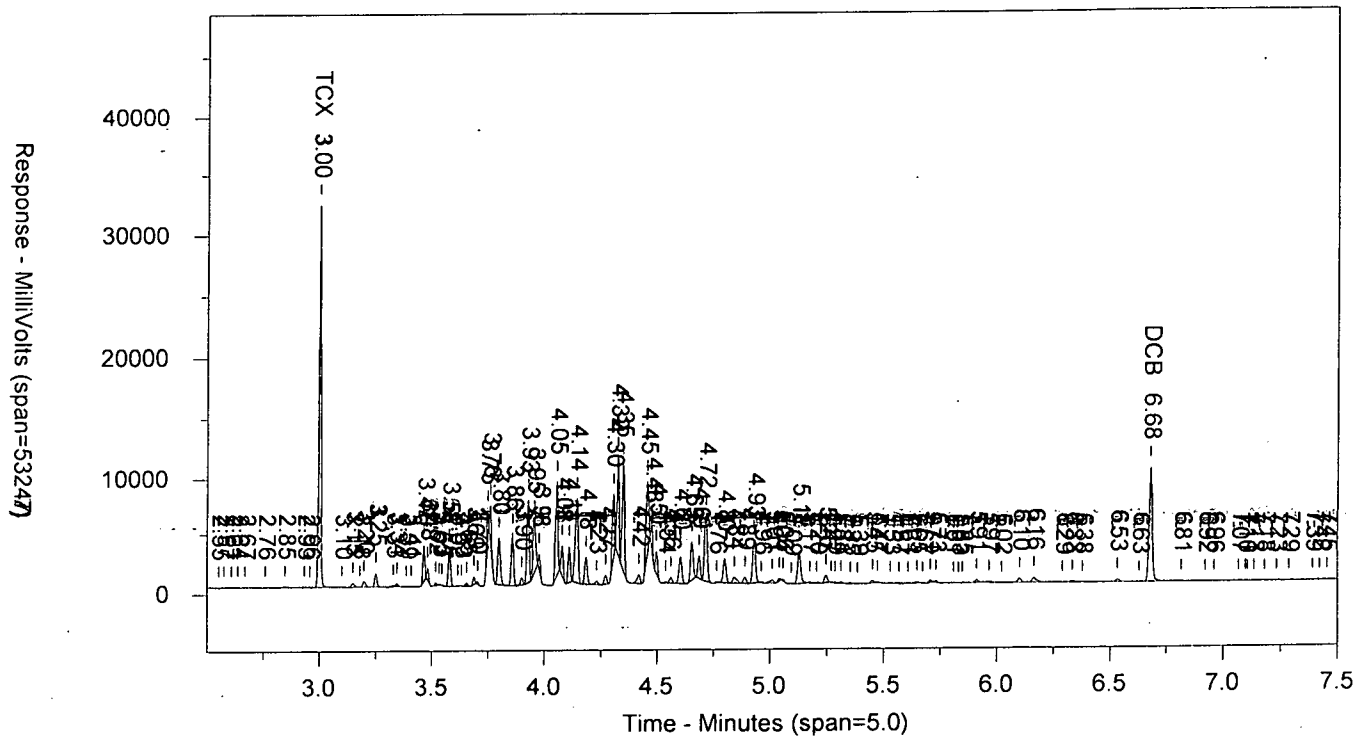

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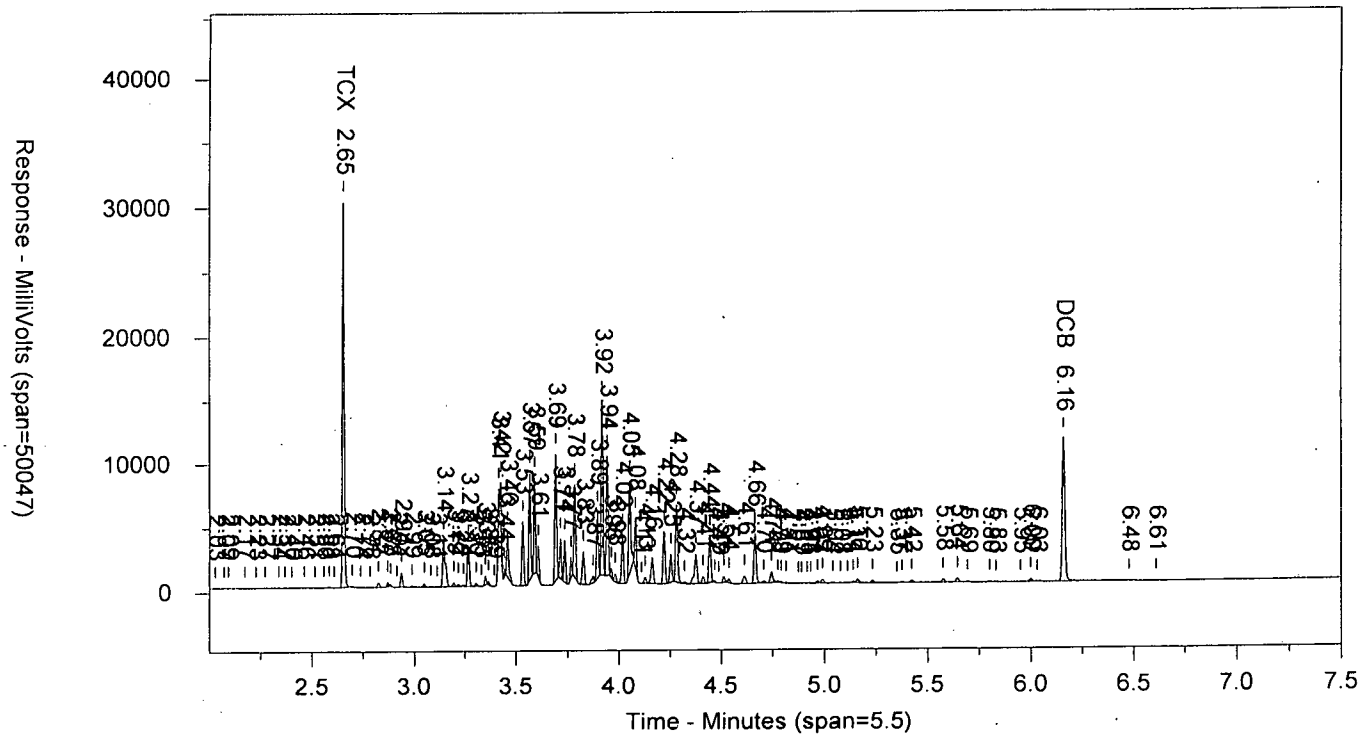

AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082

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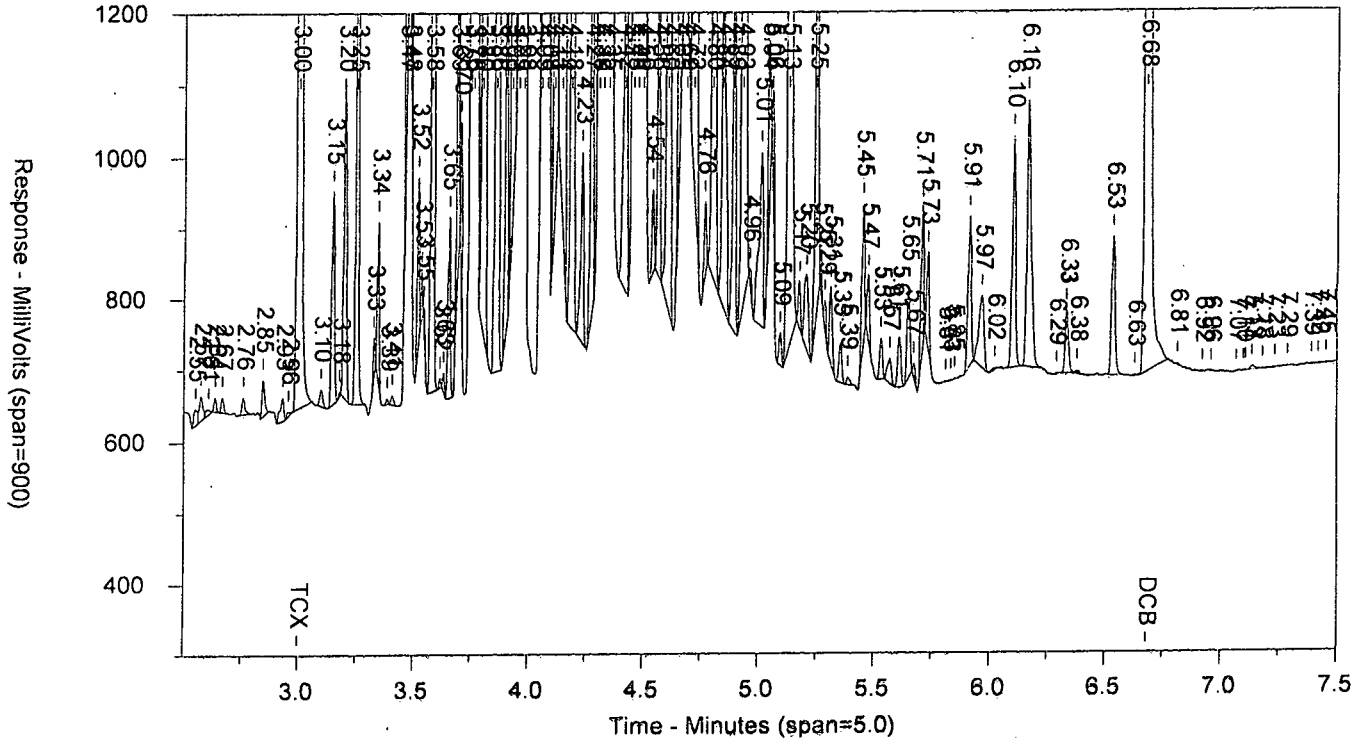

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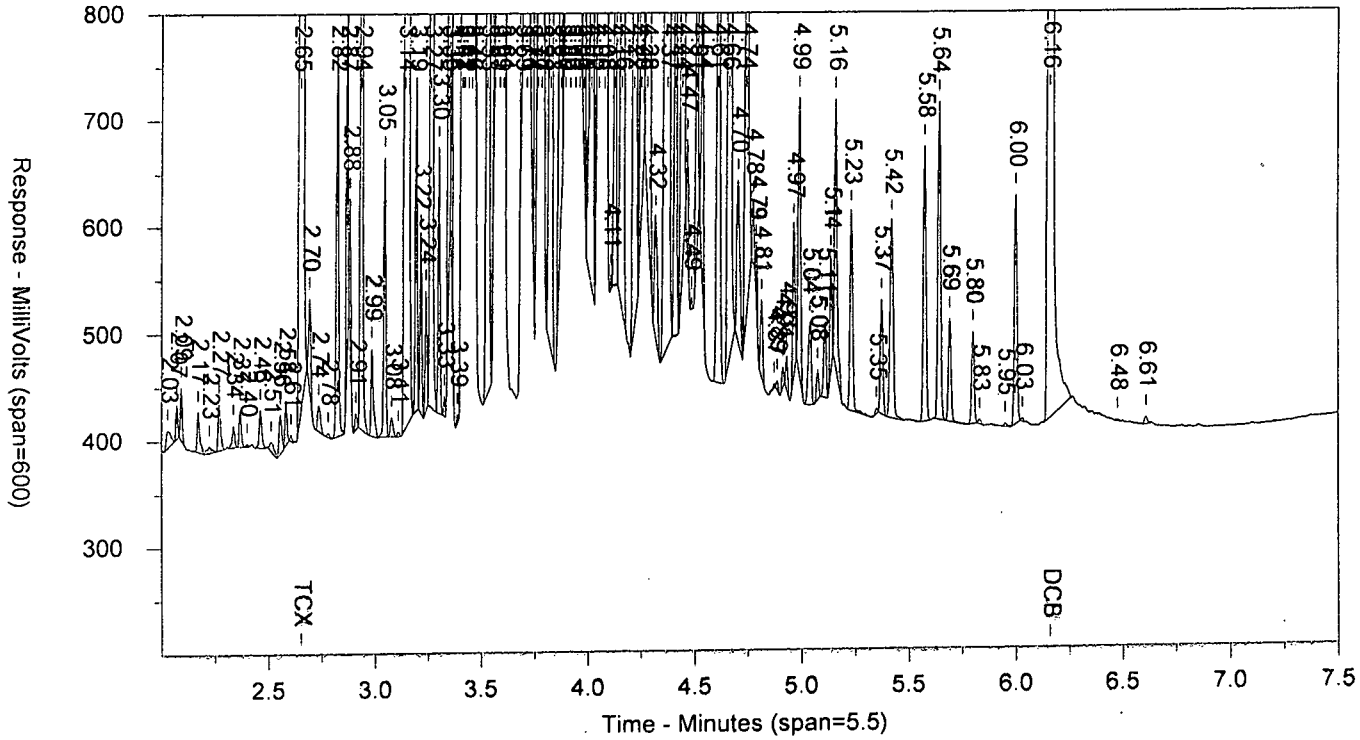

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:51:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0019.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.631		21198	20444
1.665		15241	34225
1.789		3075	1964
1.932		2576	984
2.036		2354	3349
2.111		30783	54863
2.15		31033	78793
2.22		3451	2606
2.391		29631	20375
2.436		7498	7239
2.554		16784	25416
2.603		4902	4288
2.671		2691	1841
2.757		1705	844
2.824		6871	4711
2.845		36185	32067
2.928		24986	39326
2.956		9804	10987
2.999	TCX	816246	545215
3.198		12152	8088
3.251		5603	4960
3.342		12200	25917
3.466		7547	5576
3.581		6571	4766
3.614		2031	1752
3.658		11719	9174
3.75		4483	2928
3.761		5349	3866
3.801		19533	16862
3.858		9893	9079
3.901		2675	1611
3.928		202345	147655
3.954		57270	48376
3.982		3325	2182
4.054		127787	94600
4.078		6638	4238
4.11		14607	10385
4.144		55035	52346
4.185		10283	8070
4.215		1344	446
4.248		9755	9616
4.272		7946	4726
4.307		265058	185749
4.325		105287	63602
4.351		88903	76478
4.42		89826	76776
4.462		428944	464290
4.497		170987	136149
4.537		5699	3156
4.561		30081	23476
4.604		170460	147610
4.654		258636	229687
4.686		66175	46214

RT A	Compound A	Height A	Area A
4.716		558591	490273
4.765		31141	20372
4.779		8884	4564
4.801		80180	61829
4.843		194046	194033
4.889		37007	31005
4.93		342600	326404
4.99		40742	46153
5.042		113280	84999
5.057		43332	28729
5.094		3677	1812
5.13		190521	204117
5.175		21711	16524
5.202		6964	6133
5.247		265236	235998
5.268		12067	6200
5.311		8939	6350
5.352		12724	10474
5.392		2270	2282
5.452		81352	68996
5.473		19377	11589
5.529		11644	9490
5.569		11476	11182
5.609		3193	1853
5.648		52644	45694
5.673		7761	5317
5.708		43517	38502
5.784		1255	462
5.82		1770	1182
5.872		1679	3159
5.911		41454	39372
5.942		5378	4102
6.021		2251	3048
6.076		964	593
6.101		10892	9464
6.133		928	331
6.162		14107	16169
6.243		1716	439
6.295		1571	928
6.469		1547	540
6.532		4813	4244
6.587		1476	441
6.679	DCB	321130	327148
6.788		1226	390
6.815		1591	1035
6.848		1403	660
6.947		1900	478
7.073		1125	1244
7.089		2393	956
7.128		2264	801
7.201		1149	322
7.241		1290	408
7.275		1350	368
7.285		1792	321
7.321		1610	344
7.446		1271	912
7.486		1243	500
7.501		1070	414
7.667		1275	311
7.745		1626	1128
7.787		1819	1480
7.798		1418	633
7.866		1568	414
7.879		1324	452
7.898		1862	1044
7.966		1575	910

RT A	Compound A	Height A	Area A
8.054		1117	301
8.091		1581	363
8.162		1572	616
8.205		1649	548
8.235		1986	567
8.365		1383	692
8.387		1922	555
8.401		1637	473
8.438		1402	747
8.53		838	1233
8.551		1370	758
8.612		1285	422

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:51:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0019.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		3268	2231
1.762		3024	3848
1.805		2981	2782
1.833		7609	4750
1.959		30708	22475
2.032		17271	55331
2.172		3729	4786
2.209		2902	2967
2.271		9444	9073
2.367		2711	2144
2.402		3222	2702
2.459		3043	3176
2.513		10299	23741
2.555		17109	19481
2.583		50834	38920
2.629		2416	1516
2.653	TCX	818490	507597
2.738		3723	4954
2.81		3340	1590
2.87		13368	10503
2.912		2161	1313
2.937		4831	3626
2.989		3056	3062
3.077		2397	2506
3.145		6908	3574
3.219		5023	3397
3.266		7486	5964
3.304		7741	6991
3.35		2632	1242
3.363		4017	3150
3.393		2432	1365
3.413		12840	12875
3.443		3542	1625
3.458		14925	11626
3.531		11126	7296
3.565		233688	139710
3.589		78204	44932
3.647		1777	1169
3.691		146981	89379
3.714		12381	6808
3.737		17211	11755
3.766		13346	6940
3.783		49586	28609
3.824		14460	10692
3.865		11703	10255
3.895		41711	23732
3.917		494649	322542
3.942		52224	28809
3.962		53255	27483
3.981		98403	61015
4.017		422456	290939
4.049		165588	101588
4.067		105588	57264
4.128		33255	27133

4.163		160885	119522
4.22		316238	236967
4.253		94183	70478
4.281		562832	415857
4.319		43371	40796
4.374		272916	232307
4.411		40950	32180
4.443		348961	249028
4.467		57226	38066
4.511		219659	172807
4.536		9172	5279
4.611		200760	200821
4.664		239925	188812
4.704		63389	50535
4.743		377727	383381
4.791		30533	18684
4.815		14151	9222
4.876		4764	6886
4.933		18740	16803
4.966		19458	13616
4.99		114368	92387
5.041		15739	13099
5.076		12197	9772
5.11		7174	6602
5.137		52519	37346
5.16		39100	33628
5.232		6321	5465
5.417		41848	41109
5.576		9406	8285
5.646		10089	8395
5.693		3347	3448
6		6153	4871
6.159	DCB	358353	335596
7.774		1796	4697
8.297		5971	9926

AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082

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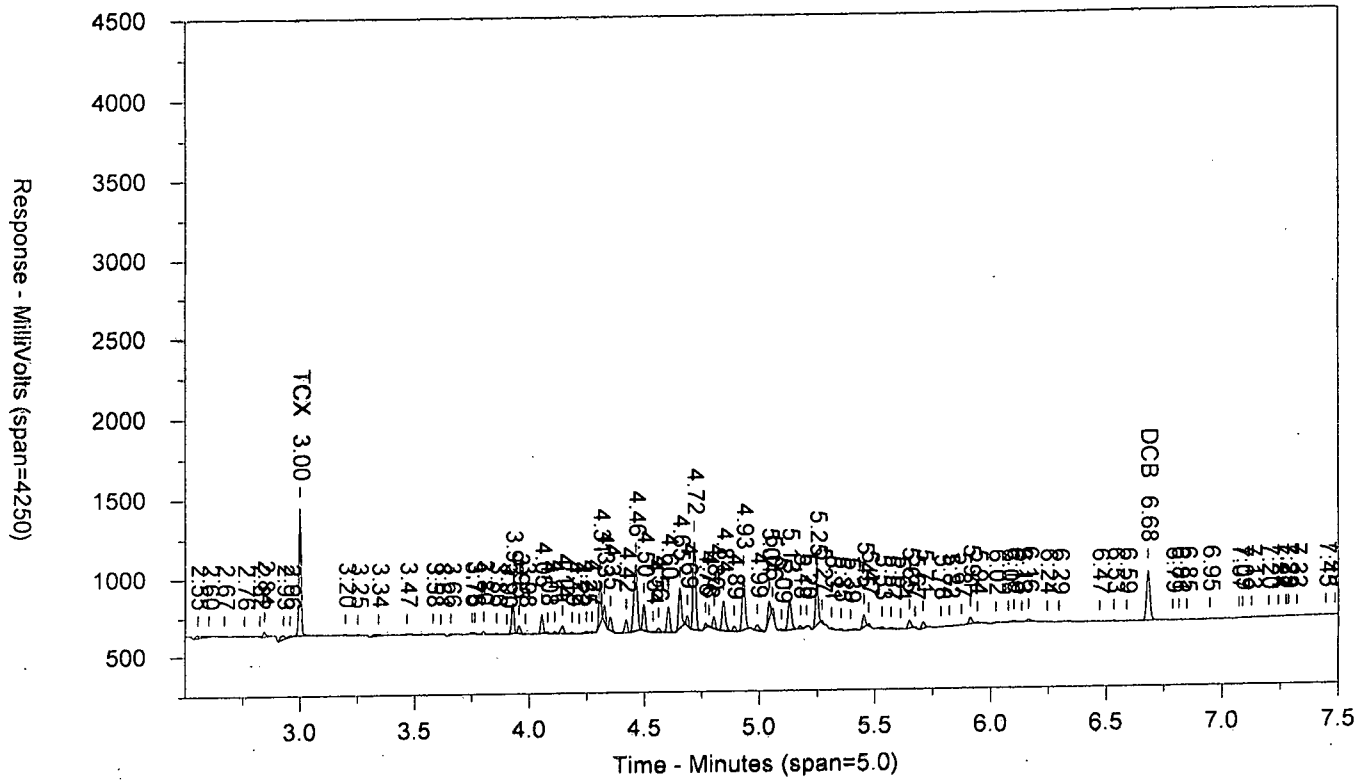

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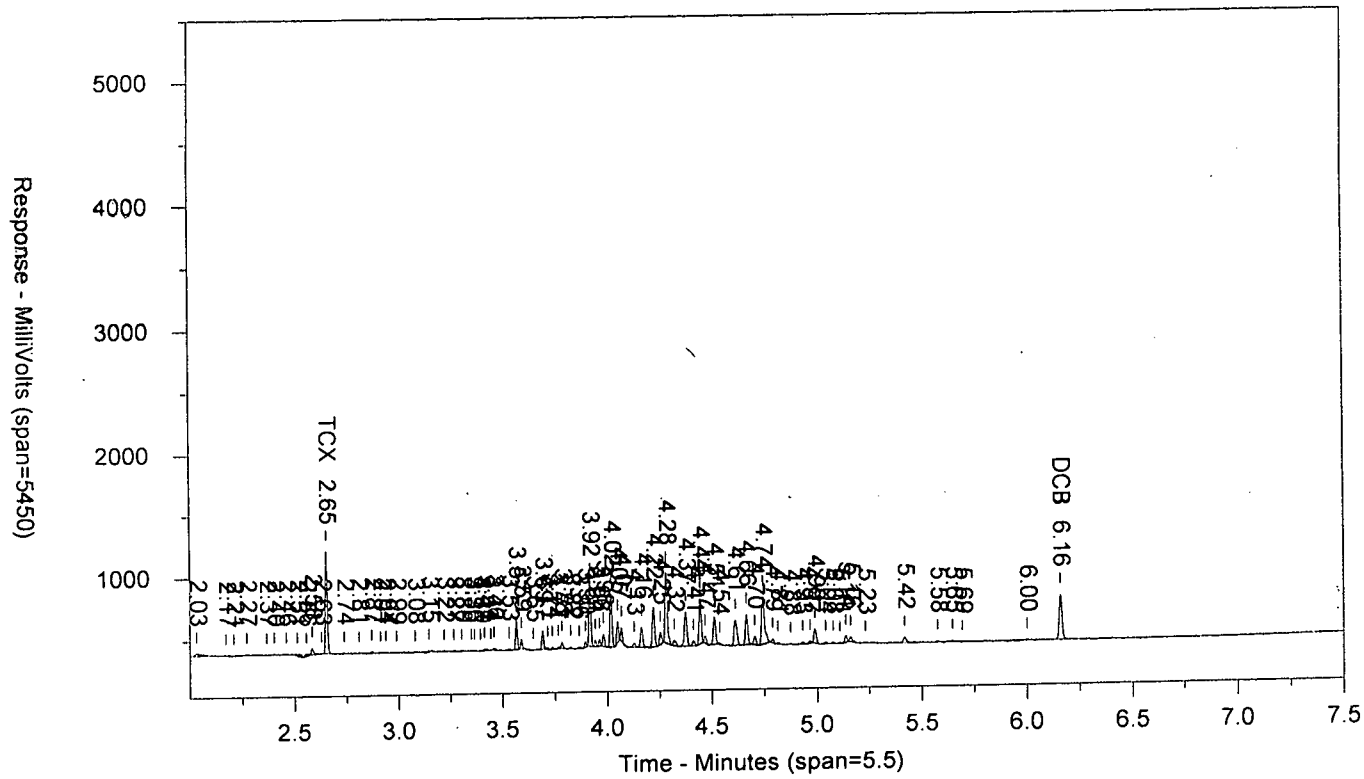

LANCASTER LABORATORIES

Sample Number: AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:51:22 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	816246	2.157	TCX	2.653	818490	2.106	TCX
6.679	321130	2.379	DCB	6.159	358353	2.249	DCB

Files:
Area File: 07pcbs17250001.0019.RAW
Area File: 07pcbs17250001B.0019.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:00:05 AM
File Reported On: 9/8/2017 at 2:00:16 AM

AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082

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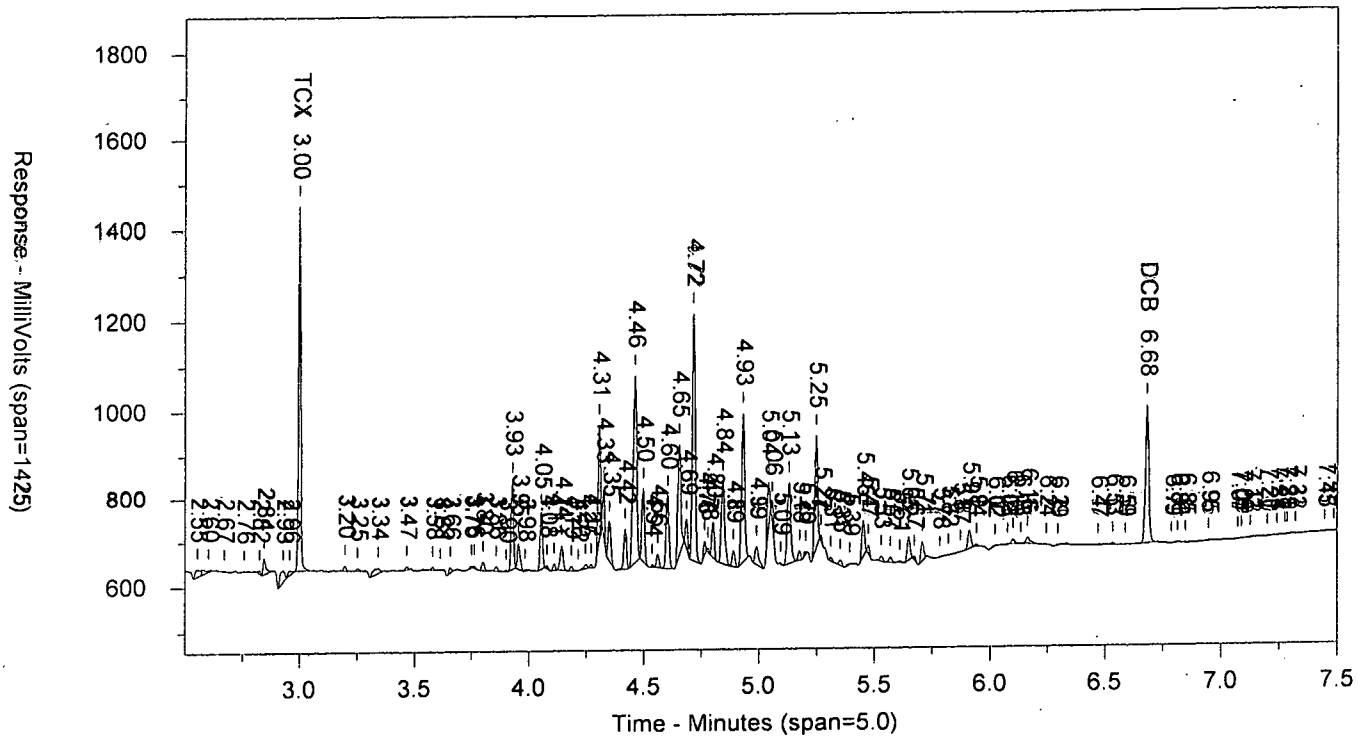

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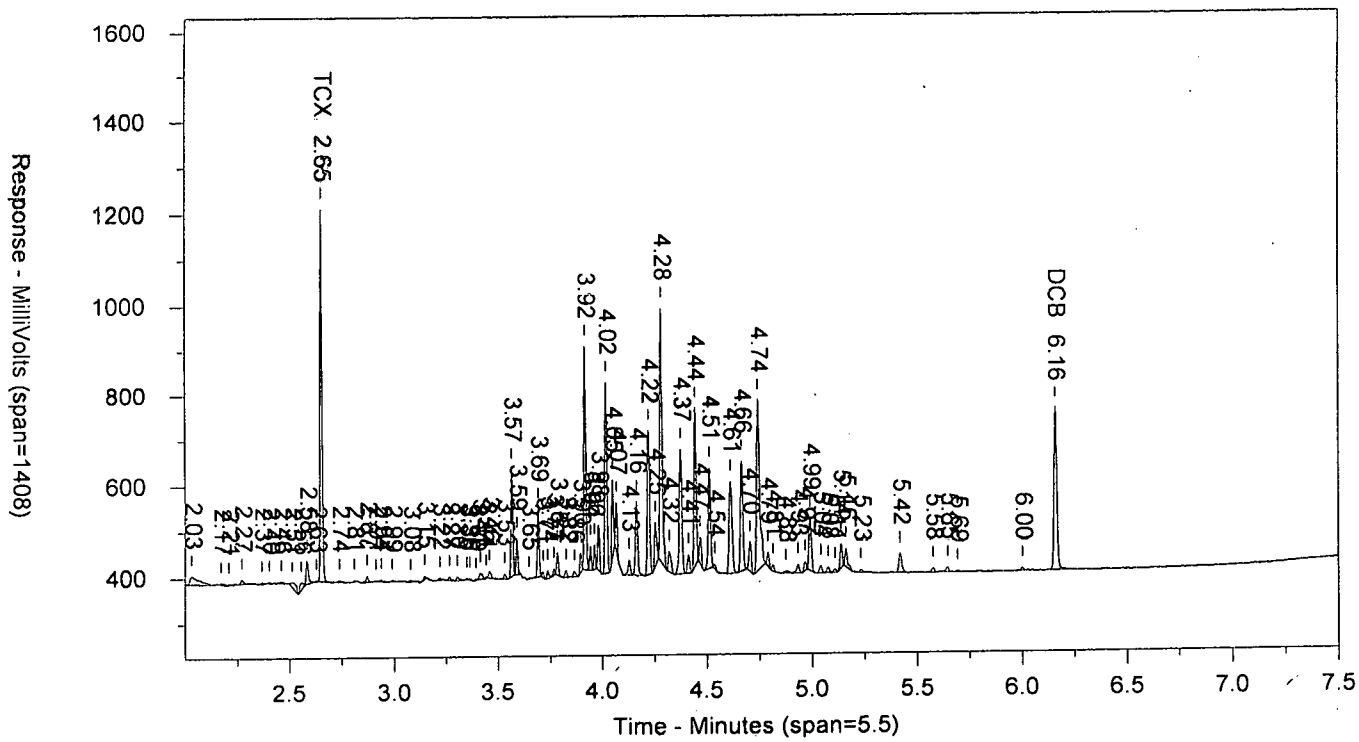

AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082

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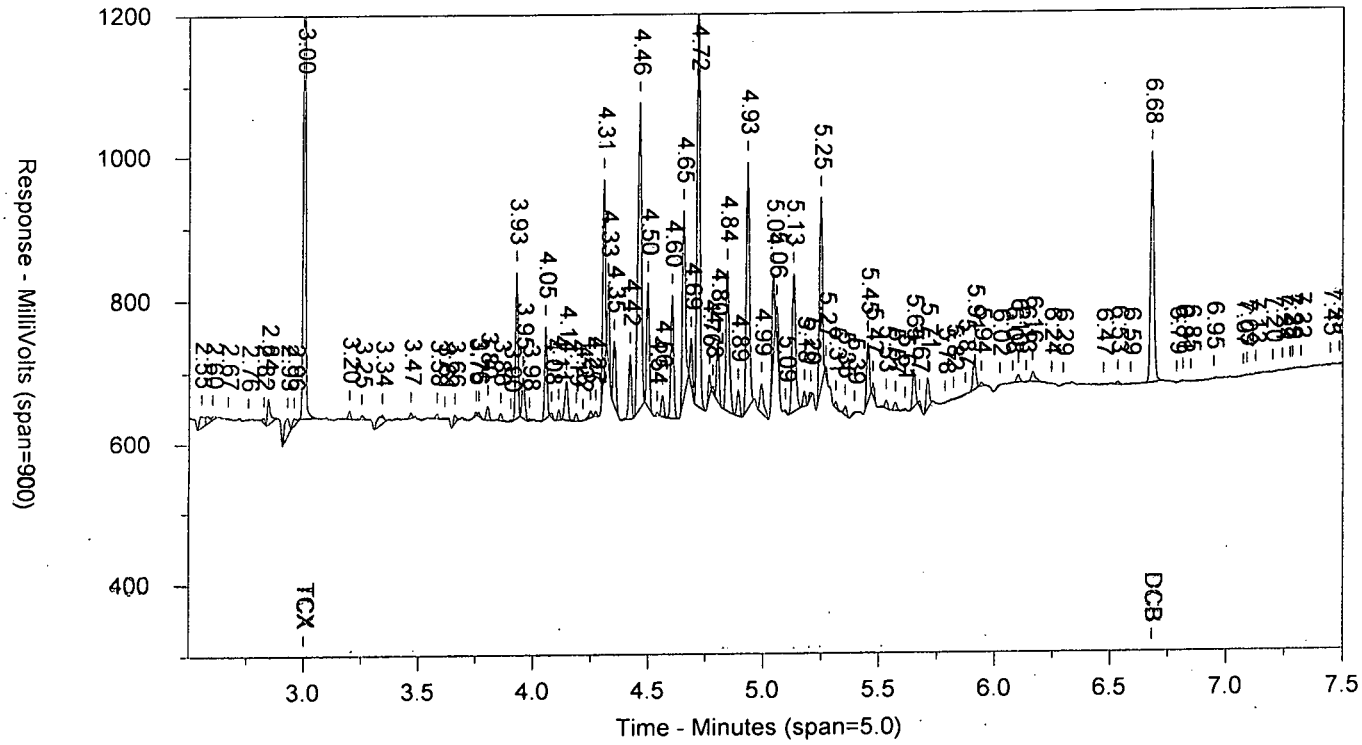

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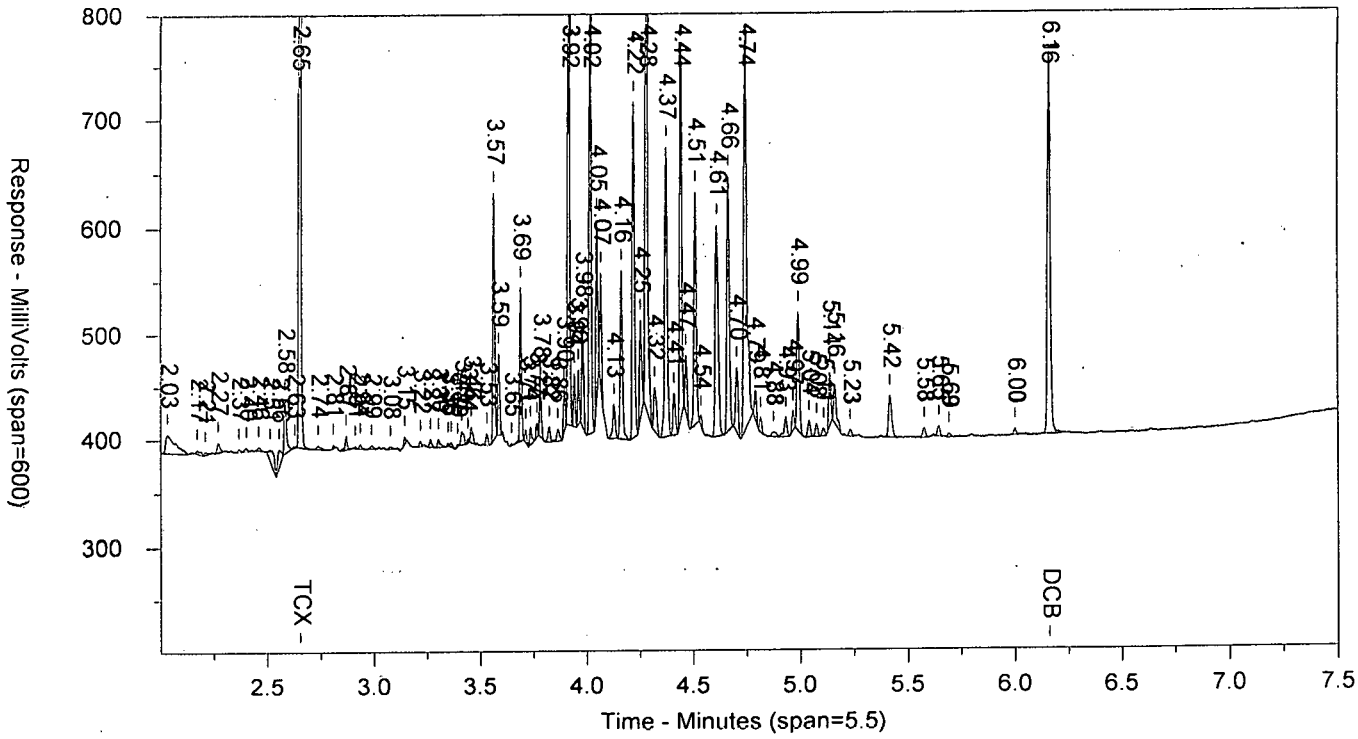

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:02:53 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0020.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		8495	9412
1.791		4307	2581
1.876		3099	2433
2.029		2034	1707
2.113		18688	43637
2.151		26949	58734
2.222		2060	1605
2.293		6424	3683
2.391		43364	29182
2.434		7417	8605
2.551		9838	9632
2.762		2032	2325
2.844		27043	22046
2.918		7474	6275
2.956		5354	4887
2.999	TCX	1491755	991306
3.197		25806	17458
3.249		8243	6365
3.328		3734	4815
3.466		14723	8982
3.482		4353	2306
3.535		5515	3013
3.579		13878	11932
3.655		17219	13185
3.688		4241	4519
3.748		10492	5343
3.761		7391	6090
3.8		35161	29681
3.843		1787	821
3.857		17433	12909
3.894		1044	199
3.9		2180	822
3.927		374592	269076
3.954		103607	85164
4.053		229193	171927
4.078		13959	8871
4.11		27887	19739
4.144		107266	98806
4.186		21307	17006
4.217		1745	661
4.234		2033	1418
4.249		7415	4470
4.27		19207	11943
4.306		463097	347319
4.325		198893	111529
4.351		167064	136580
4.393		1555	1066
4.419		165337	137793
4.462		750914	845589
4.497		321433	256205
4.538		11615	7031
4.561		57436	45141
4.603		298078	270174

RT A	Compound A	Height A	Area A
4.654		498819	437507
4.685		130722	87371
4.715		997152	907029
4.764		59724	40333
4.78		20242	8693
4.801		150302	113785
4.841		355167	354357
4.888		67319	59661
4.93		624806	601591
4.989		79008	84938
5.041		199907	143404
5.055		78160	54346
5.09		7776	5655
5.129		358291	387068
5.175		47351	34671
5.199		41189	63267
5.246		496877	444550
5.267		27437	13109
5.286		20795	10799
5.312		18542	12897
5.353		20369	15914
5.419		1815	651
5.451		145351	127096
5.472		36101	21234
5.53		24649	19589
5.567		23413	19542
5.608		7133	5399
5.647		96171	87331
5.672		14548	9059
5.707		79400	72533
5.73		4184	2426
5.804		1455	2388
5.91		80497	76056
5.941		10054	7592
6.014		2577	2295
6.032		1233	707
6.101		23108	23836
6.162		29264	38802
6.231		1715	699
6.28		1363	439
6.304		1961	2869
6.332		2653	1330
6.531		9790	9294
6.678	DCB	574218	623808
6.785		1081	373
6.812		2253	818
6.936		1435	922
6.974		965	348
7.044		1634	388
7.074		1805	607
7.136		1541	598
7.207		1170	811
7.271		1944	773
7.286		1769	872
7.32		1272	1317
7.446		1183	693
7.523		2051	1159
7.623		1270	906
7.729		1637	1091
7.767		1449	365
7.808		2329	717
7.835		1482	726
7.853		1562	356
7.882		1755	822
7.912		1969	650
8.03		2548	1292

RT A	Compound A	Height A	Area A
8.047		2620	1396
8.071		1722	789
8.112		1562	983
8.134		1327	478
8.247		1118	284
8.426		1284	324
8.44		2181	703
8.477		1328	1174
8.497		1558	753
8.553		1694	385
8.58		1907	1034
8.601		1316	420

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:02:53 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0020.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		5016	4249
1.832		2890	5179
1.959		47215	34322
2.032		14815	30869
2.192		3036	1924
2.272		8610	8139
2.399		2468	2024
2.46		2832	4104
2.508		5044	13434
2.550		8184	19063
2.584		39264	30601
2.628		3216	1786
2.653	TCX	1559909	974555
2.811		7108	8289
2.87		25568	18913
2.937		8590	5877
2.987		4024	3092
3.047		4427	2483
3.144		20452	25341
3.219		10172	9515
3.266		14935	10144
3.303		13569	10644
3.349		4393	2152
3.363		5226	3886
3.413		23803	25781
3.443		7969	3473
3.458		27543	20098
3.486		3206	1552
3.531		20236	12217
3.565		432315	259688
3.589		145176	83302
3.606		12125	4791
3.648		2069	1028
3.691		268069	165140
3.714		20718	11297
3.736		33044	21557
3.766		25474	12611
3.784		92906	55437
3.825		27198	20057
3.865		20799	16947
3.895		82584	47183
3.917		892192	602739
3.942		92031	53338
3.962		98551	53882
3.982		172044	108396
4.018		764822	545911
4.049		304262	189494
4.067		199819	105359
4.127		66175	47782
4.163		304355	227504
4.22		597165	451618
4.254		174515	133440
4.281		1074113	789384
4.319		81416	78272

4.374		518578	433280
4.411		75956	58524
4.444		670129	469176
4.467		111890	71790
4.511		409471	323072
4.536		20698	11653
4.611		393000	376270
4.664		447172	361783
4.704		123795	101278
4.743		751289	711509
4.79		54848	34647
4.814		25085	17074
4.875		8388	10315
4.931		35247	31470
4.966		36247	24715
4.989		213756	172479
5.04		30726	24453
5.075		22886	18976
5.107		14958	12218
5.138		101770	71769
5.159		76918	63449
5.232		12149	9908
5.378		3533	2726
5.417		81071	81545
5.575		18021	14733
5.621		2759	1808
5.643		18995	14827
5.69		6121	5907
5.798		3951	3456
6		11255	11236
6.159	DCB	710033	646106
6.391		1911	3539
6.635		2348	2833
6.856		2193	3392
7.332		941	2289
7.427		1167	226
7.709		1463	4573
7.915		971	3689
8.207		1680	2347
8.29		6041	11533
8.635		996	2516

AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082

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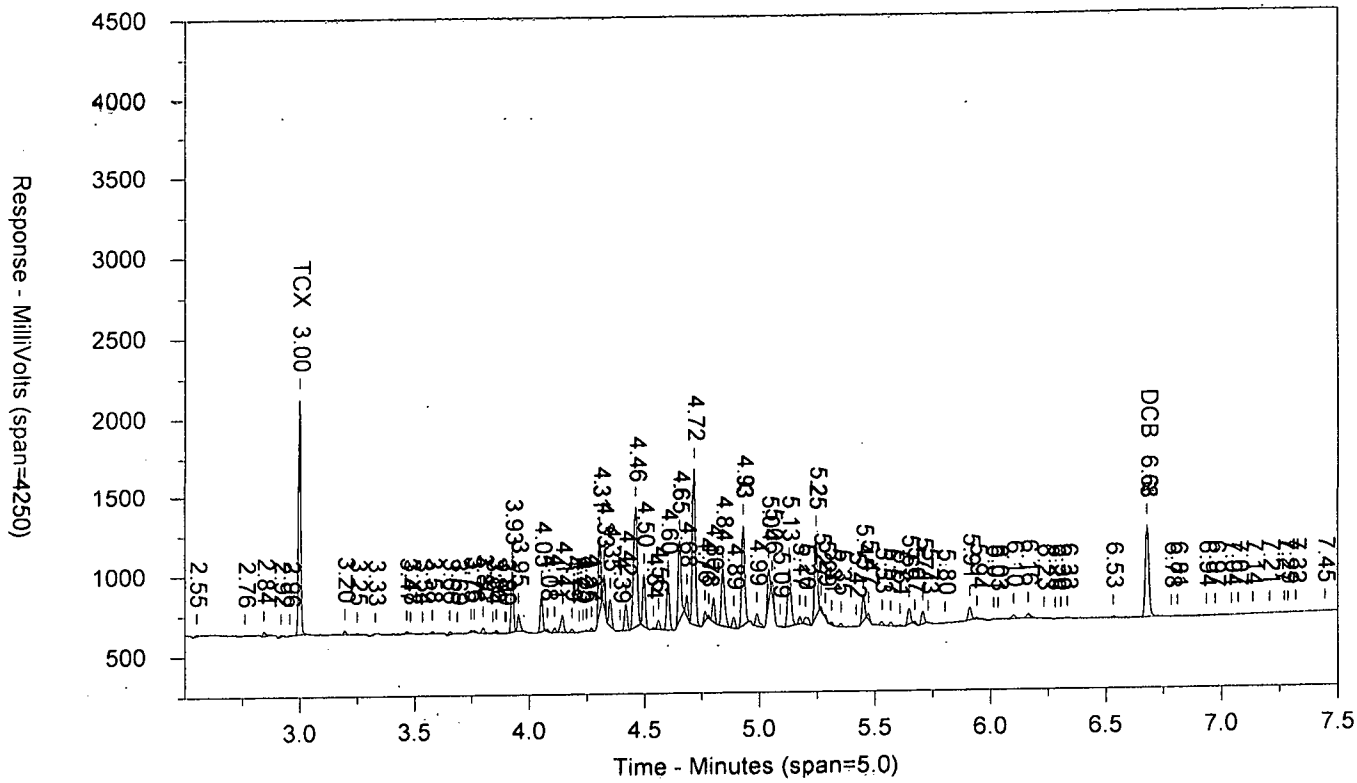

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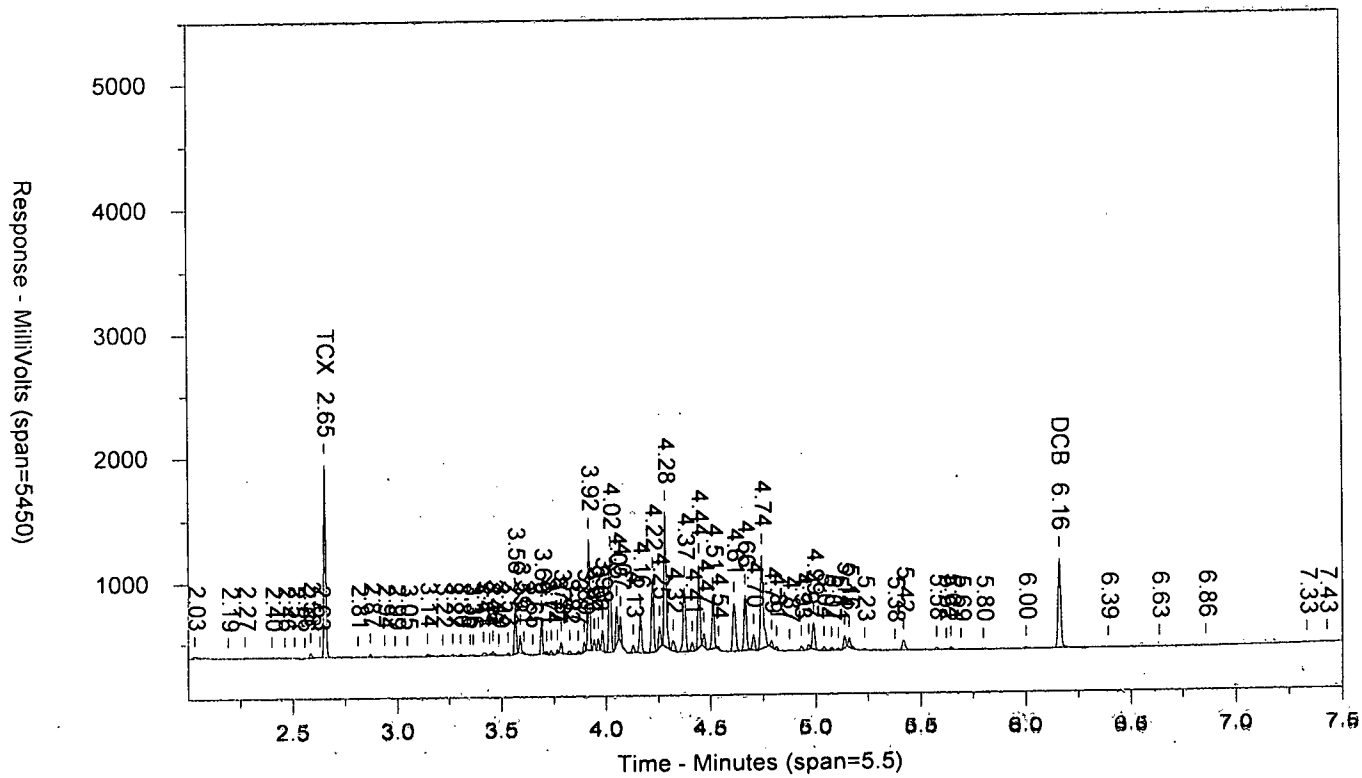

LANCASTER LABORATORIES

Sample Number: AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:02:53 AM
Sample Weight: 1
Instrument ID: CP7-19843A
Dilution Factor: 1
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: 8
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
2.999	1491755	3.941	TCX	2.653	1559909	4.014	TCX
6.678	574218	4.254	DCB	6.159	710033	4.457	DCB

Files:
Area File: 07pcbs17250001.0020.RAW
Area File: 07pcbs17250001B.0020.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:11:35 AM
File Reported On: 9/8/2017 at 2:11:46 AM

AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082

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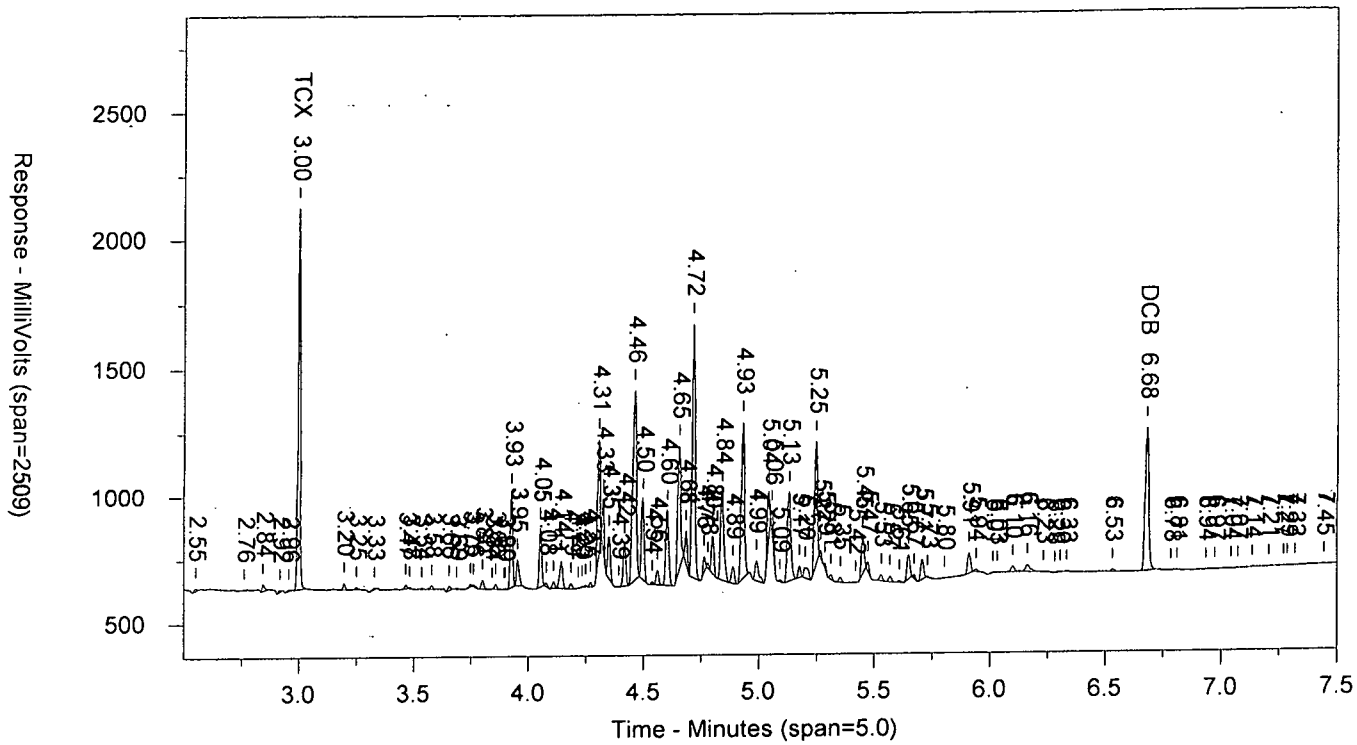

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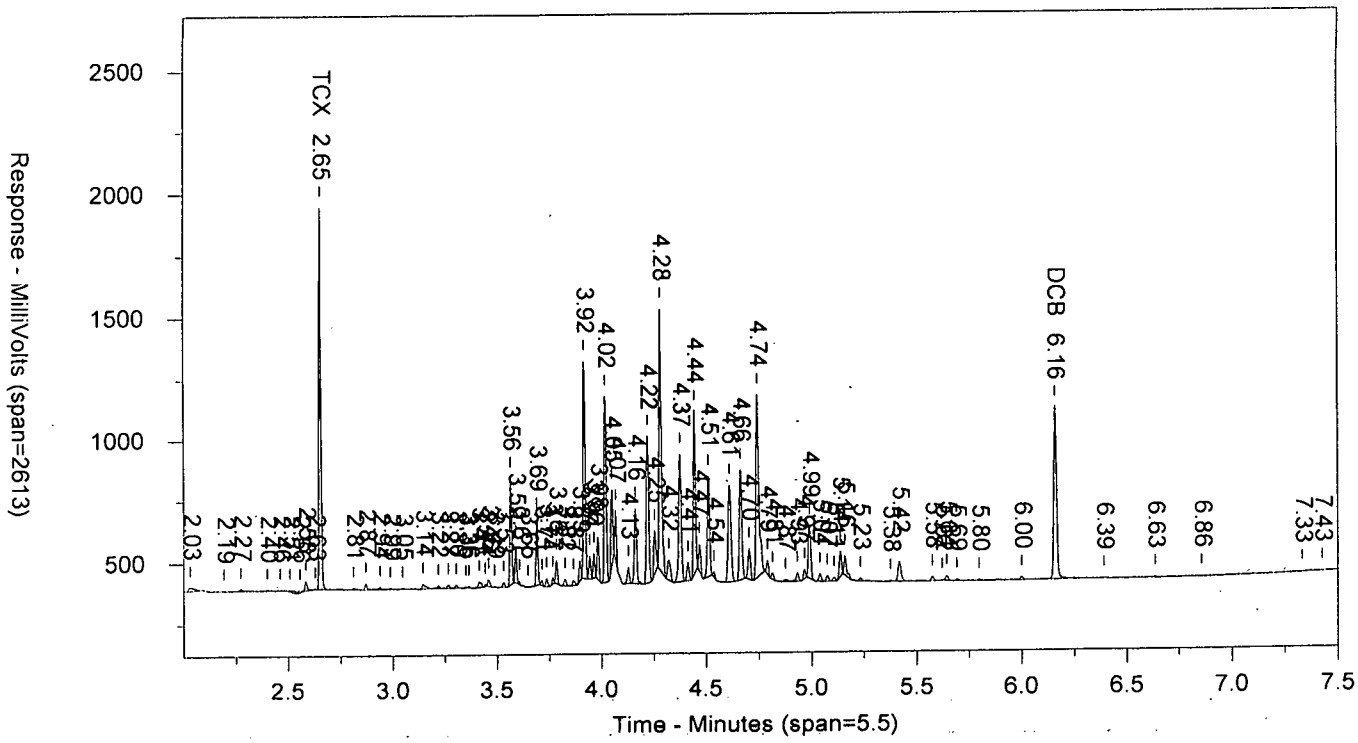

AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082

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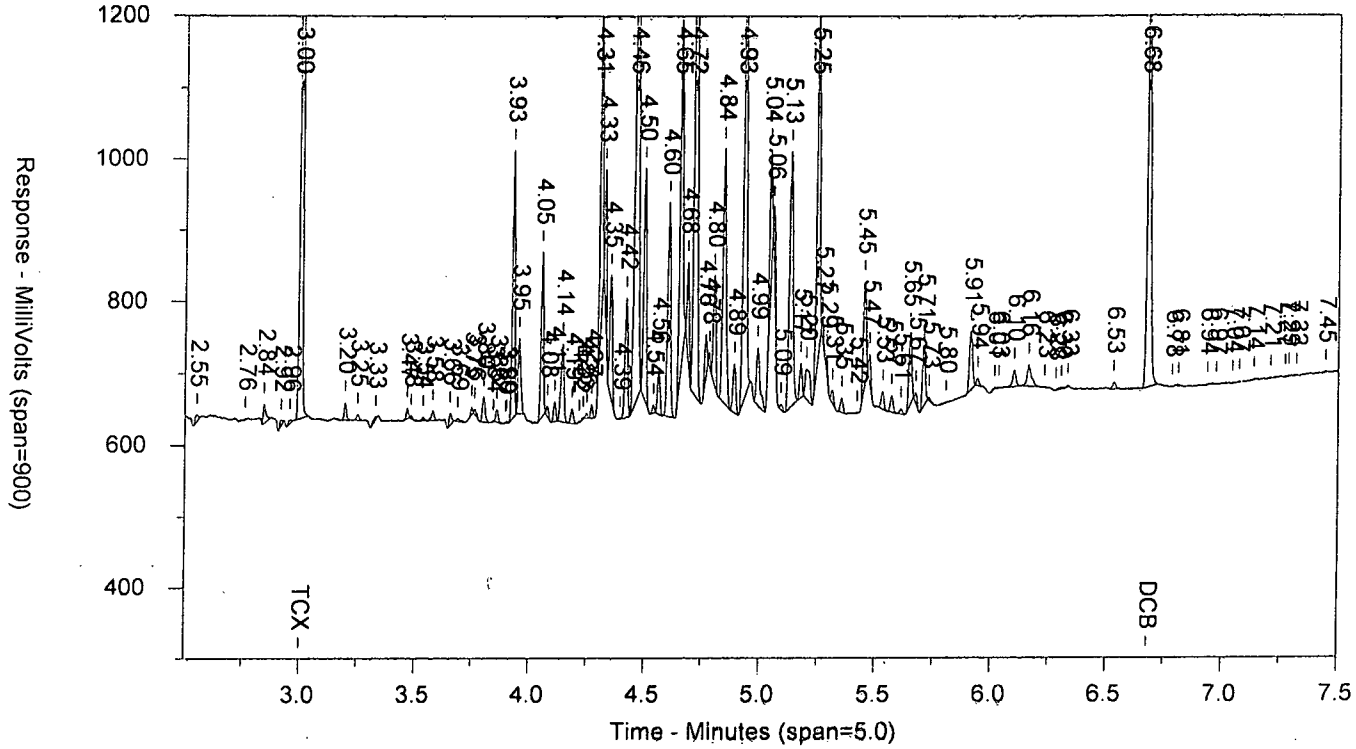

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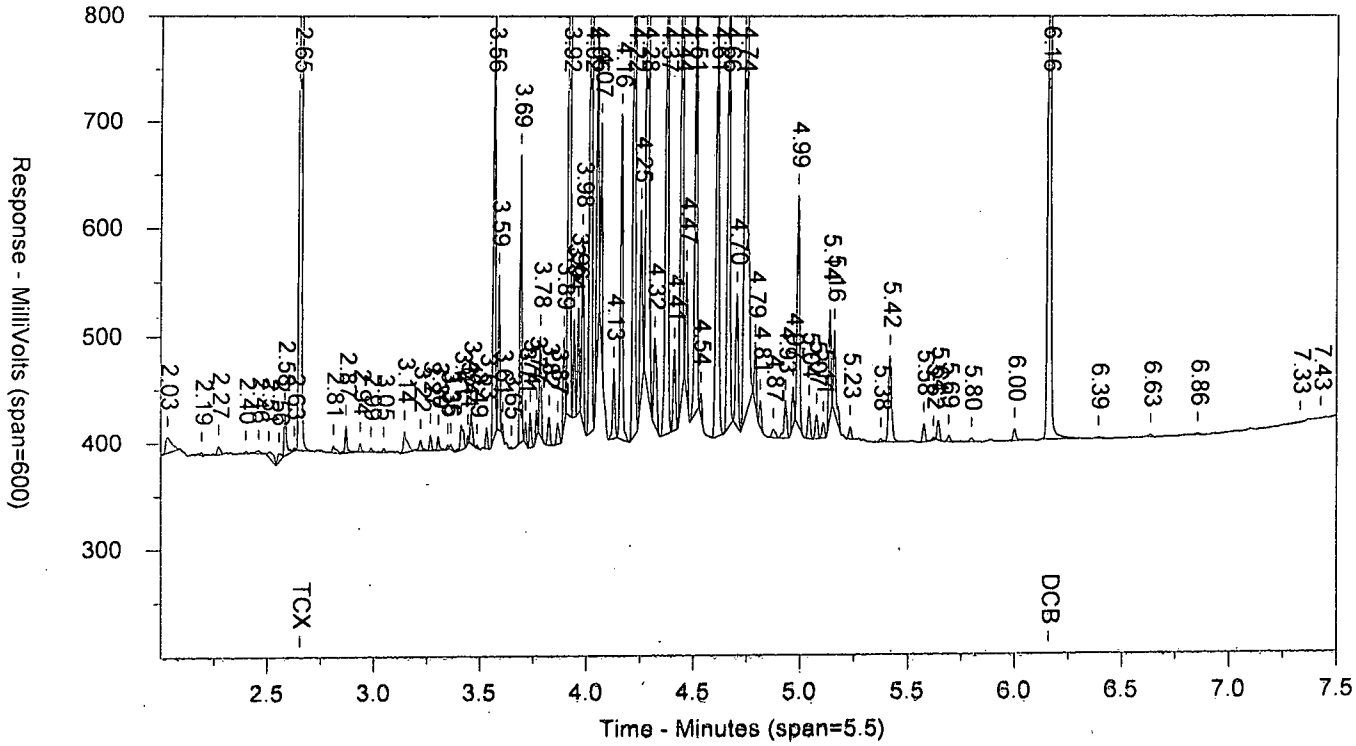

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:14:08 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0021.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.633		7523	8259
1.789		3972	2234
2.024		2124	1643
2.111		27941	48115
2.15		29099	76486
2.218		2833	1979
2.294		14449	9572
2.39		36875	27915
2.431		7545	7511
2.55		13972	17289
2.575		6407	5904
2.652		2513	825
2.718		4150	2366
2.776		2950	4484
2.844		28168	21297
2.925		15434	23051
2.955		5396	5277
2.998	TCX	3006407	1927621
3.093		2274	1085
3.146		5430	4184
3.196		46773	30651
3.25		15849	10613
3.327		9620	8617
3.341		4979	2397
3.464		28750	16513
3.481		8048	4820
3.534		9546	7923
3.579		26559	18718
3.654		27065	18529
3.687		6211	3984
3.747		20926	10903
3.76		12432	11172
3.799		68129	52432
3.856		35148	28047
3.897		5413	2938
3.925		685611	496139
3.953		189697	155855
4.052		429997	322935
4.077		28914	16987
4.108		53284	36768
4.141		193894	184235
4.183		38954	31385
4.231		6321	5063
4.248		6494	3304
4.268		35813	25004
4.304		935490	658438
4.323		378725	219893
4.349		315964	255441
4.417		309616	261751
4.46		1521800	1596103
4.495		605899	482026
4.536		22211	14564
4.559		114456	87794

RT A	Compound A	Height A	Area A
4.601		560128	514999
4.652		967920	843531
4.683		253948	169587
4.714		1999076	1747052
4.763		98397	72178
4.778		34488	16702
4.798		288367	214658
4.84		666867	668557
4.887		129974	118833
4.928		1240974	1171273
4.959		22089	14443
4.987		128489	103046
5.039		368495	278721
5.054		163841	101495
5.09		15203	11686
5.127		713857	749667
5.173		87429	69476
5.198		44696	28098
5.244		912798	845279
5.266		49680	24010
5.284		43805	25684
5.309		37579	27308
5.351		36990	30502
5.422		2020	1113
5.449		295713	251599
5.471		71808	49320
5.527		49559	43287
5.566		48367	41897
5.605		13290	11801
5.645		197369	173918
5.671		25465	16790
5.705		156688	138912
5.727		8267	4449
5.81		2030	2778
5.857		1050	1131
5.909		156689	148100
5.939		23100	17318
6.018		2331	3538
6.053		1429	883
6.098		43649	42310
6.161		52047	72253
6.244		1925	830
6.298		2717	2762
6.331		7546	7434
6.468		2103	938
6.53		20648	20850
6.598		2493	868
6.631		1137	481
6.676	DCB	1129170	1211689
6.77		1763	940
6.901		955	758
7.003		1926	1263
7.112		977	464
7.167		1637	923
7.268		2010	1835
7.417		1434	756
7.425		2080	423
7.446		1765	991
7.464		1198	789
7.52		1813	927
7.567		2239	448
7.591		1573	628
7.61		2112	912
7.696		1638	644
7.728		1261	555
7.762		1370	941

RT A	Compound A	Height A	Area A
7.813		1614	260
7.848		1214	459
7.885		1798	970
7.936		1759	472
7.976		2104	1348
8.042		1527	494
8.127		991	379
8.196		1712	573
8.252		1972	1103
8.296		1880	741
8.441		1357	1142
8.46		1683	528
8.51		1453	2148

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:14:08 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0021.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		4554	4340
1.763		3774	6716
1.834		12640	13962
1.96		41745	35390
2.036		13648	22513
2.092		4779	4477
2.153		1367	870
2.174		2496	1317
2.212		2206	4329
2.272		9850	9614
2.368		2287	1993
2.4		4032	3253
2.46		4238	4020
2.51		5884	14054
2.555		10719	11895
2.584		39602	29913
2.628		2249	1483
2.653	TCX	3156973	1919820
2.735		3185	3718
2.811		3205	1470
2.823		4559	3284
2.871		48656	31437
2.909		2395	1544
2.937		15235	9835
2.987		9742	7228
3.047		4103	2752
3.076		2489	2609
3.144		38309	38800
3.195		2337	1366
3.218		13851	8920
3.266		27644	18056
3.303		25337	18362
3.349		7166	3774
3.363		5712	3157
3.413		23049	10802
3.442		14989	6274
3.457		49594	37140
3.531		37958	24735
3.564		789181	478875
3.588		258421	152314
3.605		22728	9423
3.69		490193	311677
3.714		40730	21101
3.736		57866	39943
3.766		41366	22406
3.783		171876	104273
3.824		51493	38997
3.864		40721	35174
3.894		155851	89388
3.916		1720213	1143933
3.941		182154	102387
3.961		178141	100483
3.981		317650	194312
4.016		1483979	1029261

4.048		574419	360461
4.066		369223	195256
4.127		119903	87864
4.162		567081	423505
4.219		1177319	867113
4.253		336489	250573
4.28		2058443	1512794
4.318		158848	148531
4.372		972408	821442
4.41		150676	113600
4.442		1263308	906407
4.466		205562	133779
4.51		787162	610276
4.535		39944	23676
4.61		704470	715798
4.663		901461	715395
4.702		232560	194711
4.742		1432641	1371604
4.789		104006	65980
4.813		49475	33308
4.873		16221	18533
4.93		68472	62124
4.965		72515	49864
4.988		414329	336229
5.039		57984	47515
5.075		47364	36782
5.106		28818	24324
5.137		199584	141773
5.158		135906	88487
5.232		23077	19592
5.375		6059	4786
5.416		153656	159581
5.575		33581	28218
5.619		5705	3716
5.643		38020	31197
5.692		12780	11252
5.8		7943	9379
5.998		23317	19924
6.158	DCB	1356839	1255410
6.608		1382	1106
8.071		1278	936
8.288		6384	10752

AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082

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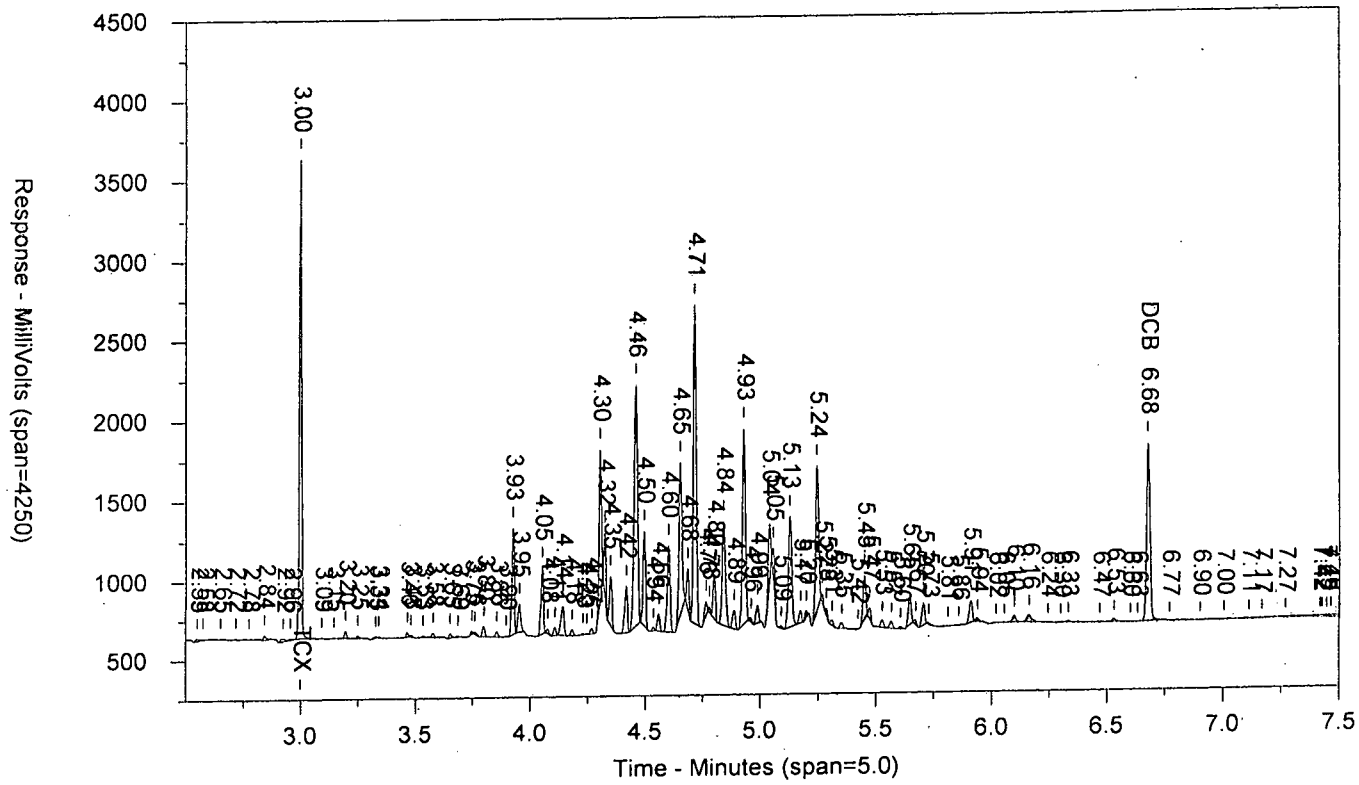

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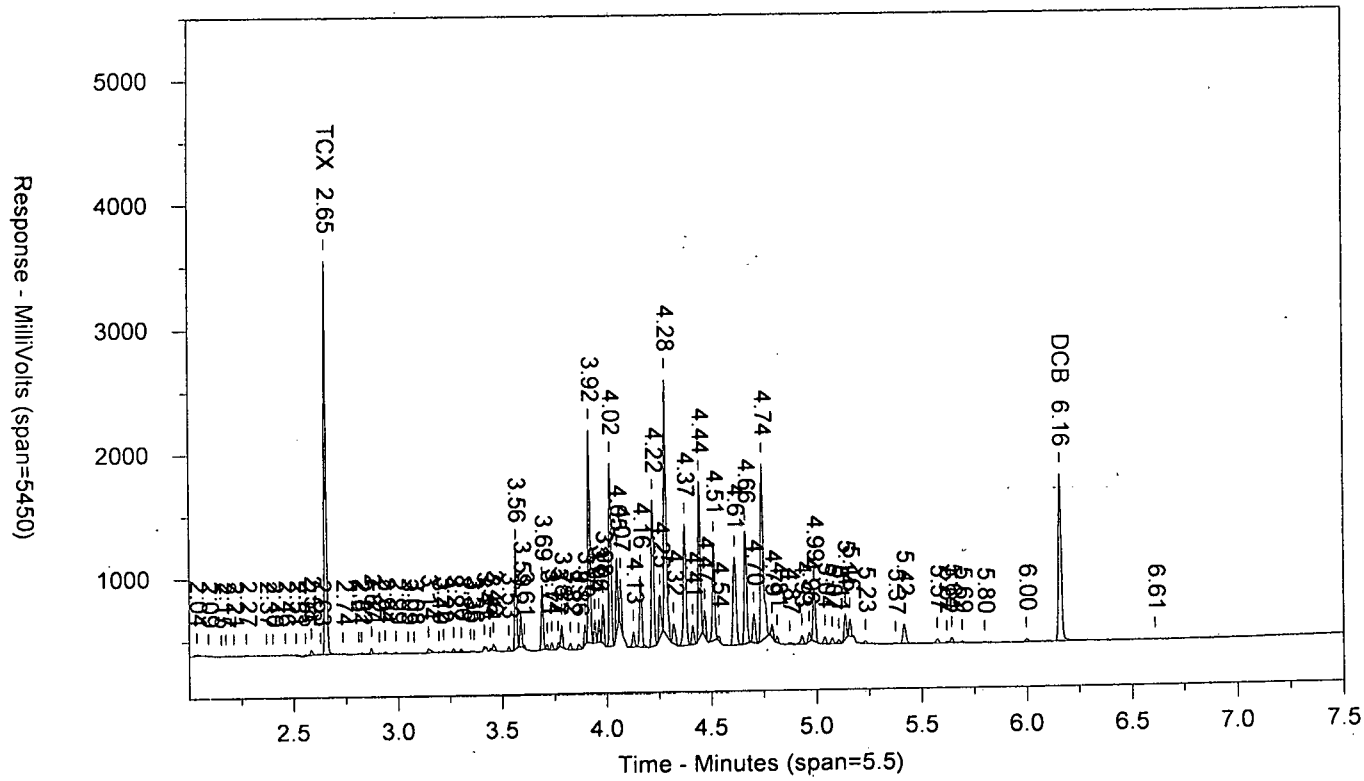

LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:14:08 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.998	3006407	7.943	TCX	2.653	3156973	8.123	TCX
6.676	1129170	8.366	DCB	6.158	1356839	8.517	DCB

Files:
Area File: 07pcbs17250001.0021.RAW
Area File: 07pcbs17250001B.0021.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:22:52 AM
File Reported On: 9/8/2017 at 2:23:04 AM

AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082

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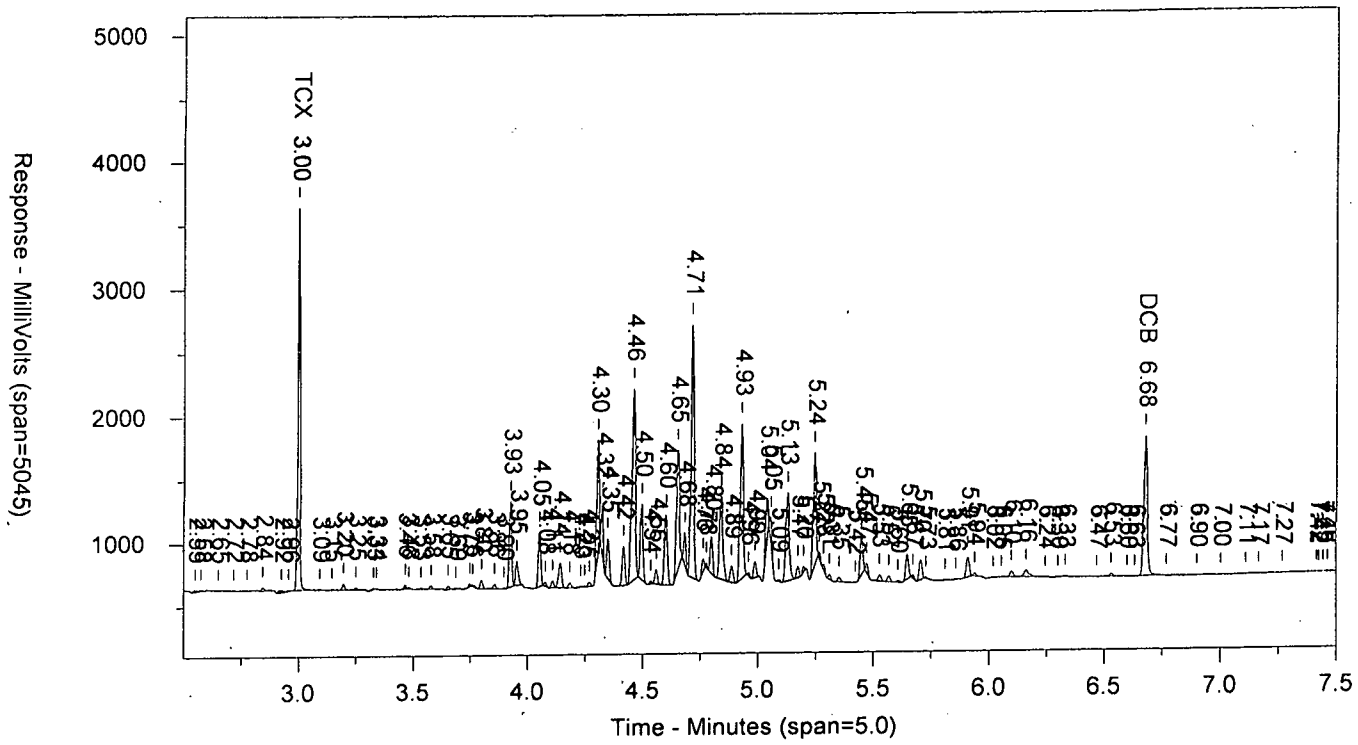

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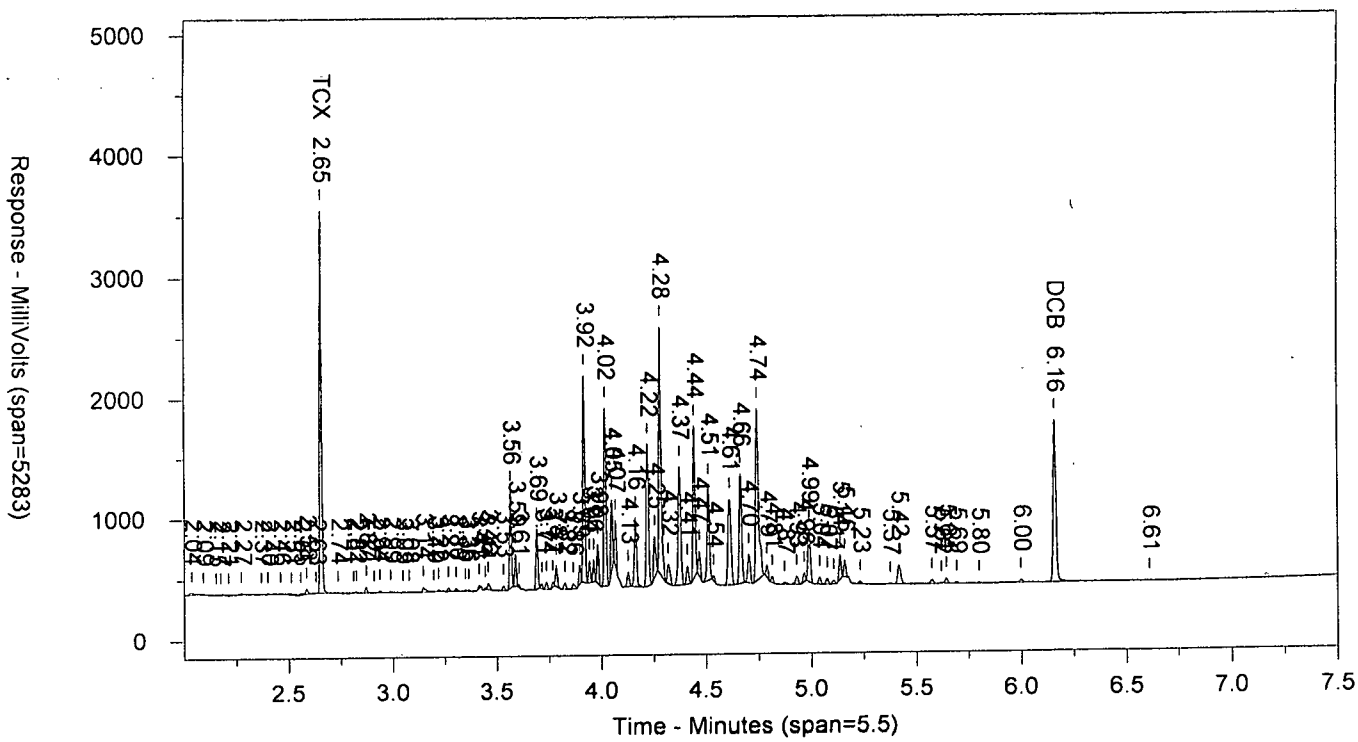

AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082

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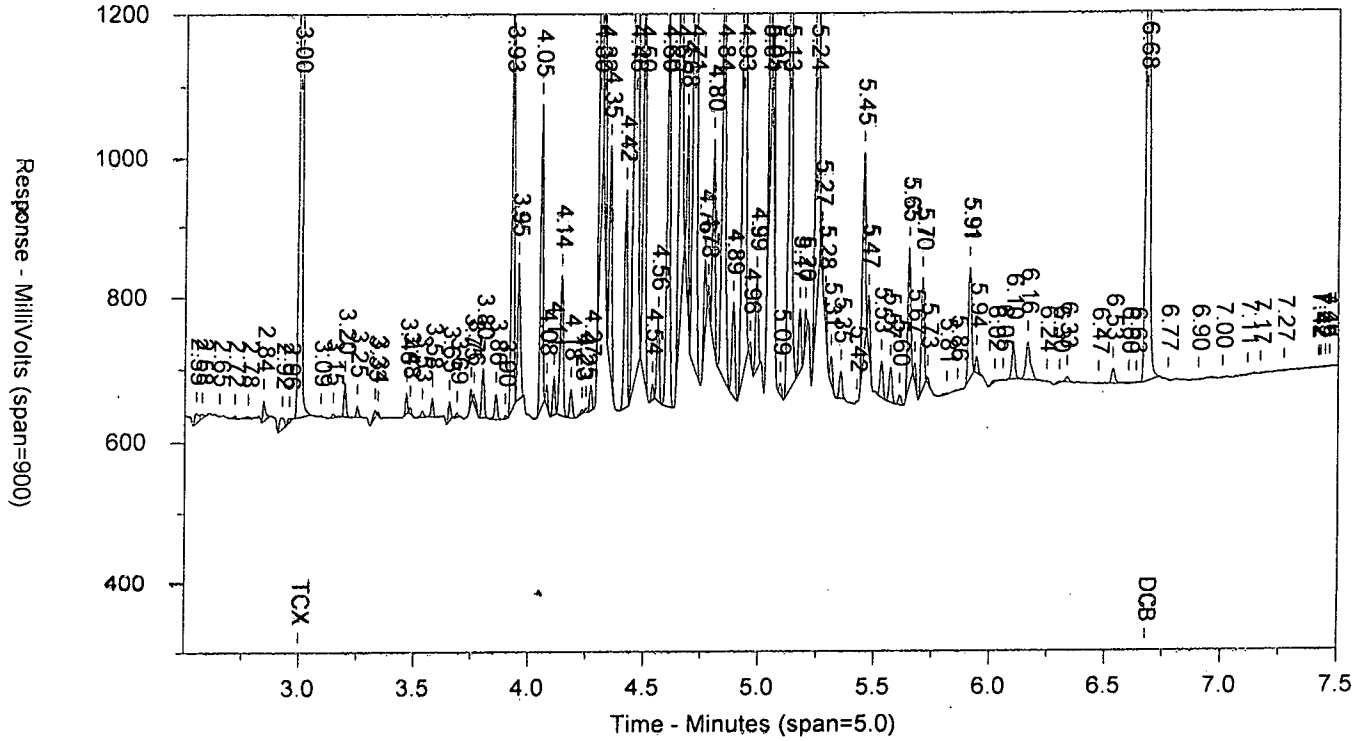

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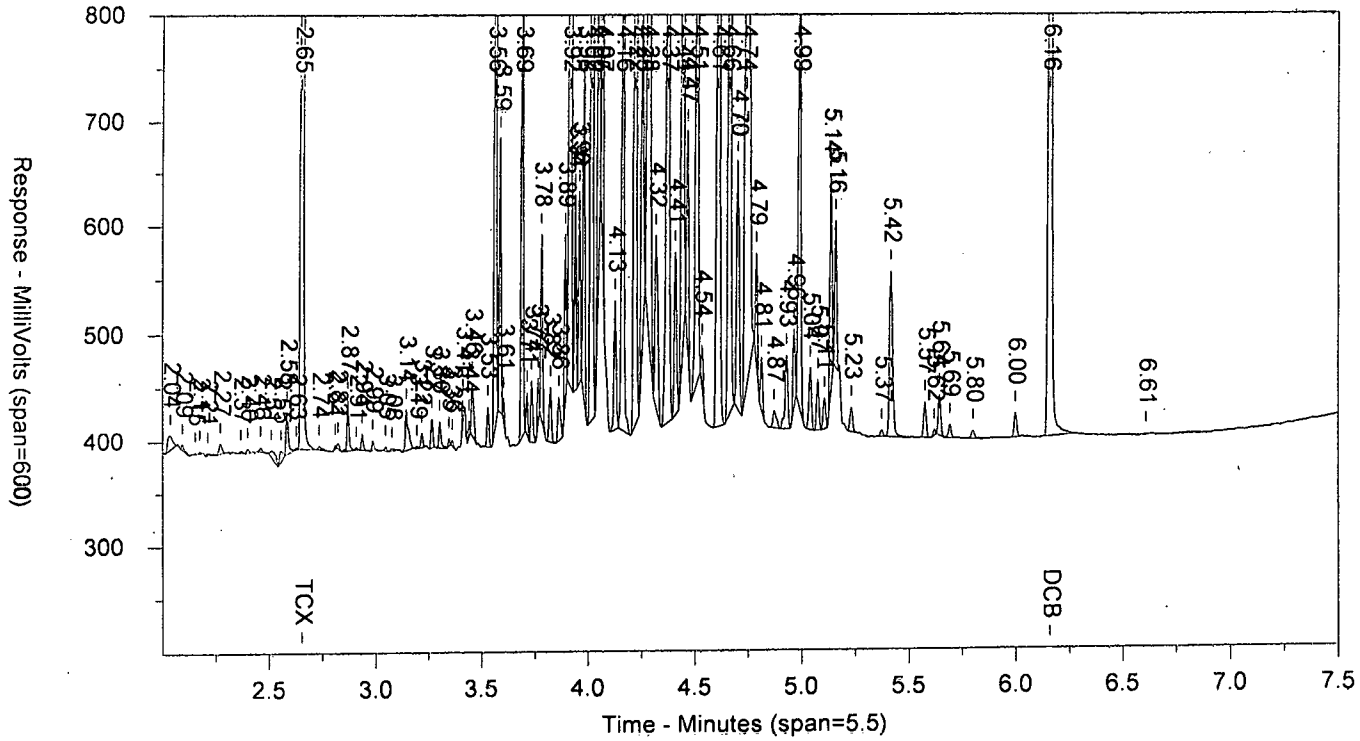

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:25:35 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0022.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.631		16883	18608
1.668		7029	15505
1.789		3281	2914
1.933		2490	1779
2.036		2310	3363
2.112		16610	32237
2.15		17401	24244
2.295		36490	29667
2.39		26642	19262
2.404		14222	8339
2.436		7669	8751
2.481		2841	1755
2.552		16814	20637
2.575		12786	15909
2.605		5577	4212
2.666		4043	3104
2.757		3708	2326
2.845		32759	25268
2.93		13872	19339
2.953		7431	6914
2.999	TCX	7208134	4608344
3.096		5366	4327
3.146		10871	9089
3.178		2840	1570
3.197		107918	72052
3.251		39023	28550
3.328		20660	15663
3.405		4929	4763
3.465		65854	39992
3.482		24897	13506
3.535		22935	18987
3.579		61564	42699
3.655		62996	43919
3.688		16302	9383
3.703		5484	2659
3.748		47079	26335
3.76		27044	27490
3.8		153396	123912
3.857		79636	58697
3.899		12593	7902
3.926		1471536	1094495
3.954		428573	419169
4.053		958151	709361
4.078		66496	41225
4.109		124220	88611
4.142		430907	416725
4.184		93752	75051
4.232		21908	19598
4.269		91945	65656
4.305		2148495	1477477
4.324		801681	472385
4.35		671977	566330
4.418		684290	579698

RT A	Compound A	Height A	Area A
4.461		3503381	3651752
4.496		1313016	1074448
4.537		51237	34144
4.559		243623	190112
4.602		1289379	1141837
4.653		2289712	1926079
4.684		582761	377251
4.714		4915957	4116712
4.764		236159	165698
4.779		86049	38130
4.799		651253	487396
4.82		3768	810
4.84		1549754	1476891
4.887		304162	265960
4.929		2876281	2720462
4.96		46151	28260
4.988		266028	221518
5.008		33893	18379
5.041		814126	623520
5.055		396916	212049
5.091		36067	27418
5.128		1664608	1714727
5.174		199866	147869
5.198		82082	54609
5.21		51087	30873
5.245		2164034	1931779
5.266		115244	55760
5.283		76520	53365
5.31		73911	56961
5.352		93459	103241
5.424		2926	1808
5.45		647831	541789
5.471		133884	92631
5.528		112095	96940
5.567		105137	95317
5.606		34524	29890
5.646		419478	394580
5.671		51987	35515
5.706		327957	304853
5.729		18632	11015
5.868		1495	971
5.91		334176	321762
5.938		49404	49748
6.011		2576	1823
6.099		98608	101251
6.162		118504	166375
6.333		17912	17992
6.531		51366	49886
6.568		2152	896
6.678	DCB	2560397	2655648
6.796		2137	1129
6.846		1236	368
6.857		1790	538
6.904		1827	454
6.926		1475	337
6.959		1534	473
6.987		1488	552
7.07		1398	896
7.094		1456	794
7.128		1104	176
7.17		1192	909
7.248		2092	660
7.255		1668	752
7.338		1303	418
7.438		1388	501
7.502		1449	730

RT A	Compound A	Height A	Area A
7.521		1546	419
7.584		1994	491
7.666		1500	508
7.726		1430	844
7.827		2144	902
7.836		1518	610
7.858		2317	473
7.946		1477	545
7.972		1422	577
8.075		1555	1211
8.219		2055	941
8.287		1779	444
8.298		1934	623
8.387		1571	767
8.433		1278	417
8.535		2160	986
8.583		1467	480
8.595		2860	796
8.648		2194	1119
8.663		2273	740

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:25:35 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0022.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.59		3190	2564
1.733		2599	3050
1.766		6661	7865
1.833		6548	8613
1.87		4283	4011
1.966		41933	45316
2.033		15736	28082
2.071		8049	6002
2.092		12706	8465
2.173		7406	7502
2.223		1604	2159
2.271		14953	12735
2.326		2146	2270
2.368		7856	5308
2.4		2428	2169
2.462		10279	8399
2.556		14033	13305
2.583		42652	32878
2.628		2607	1103
2.653	TCX	7384293	4504918
2.737		9821	10131
2.824		21523	18874
2.851		1777	783
2.87		107245	66732
2.91		7464	5648
2.937		35742	23921
2.987		22618	17660
3.047		5755	3397
3.077		6899	6756
3.144		82984	87273
3.195		5343	2904
3.218		28059	17121
3.238		5870	4128
3.266		63546	44267
3.303		57763	37379
3.348		16602	8590
3.363		10552	5134
3.393		3503	2041
3.413		53759	24130
3.423		29693	11658
3.443		34100	15120
3.457		111667	87998
3.531		87460	56306
3.564		1712740	1039006
3.588		580077	330075
3.605		53851	23592
3.648		2184	1581
3.69		1064468	681036
3.713		84989	46076
3.735		130305	89562
3.766		101070	51681
3.783		383622	231721
3.824		114210	89405
3.864		95450	80091

3.894		348286	203797
3.916		4052196	2647605
3.941		412233	232766
3.961		396737	220598
3.981		694613	420611
4.017		3524993	2364716
4.049		1301801	807394
4.066		808304	429328
4.127		273179	190899
4.162		1292408	952728
4.22		2807490	2028555
4.253		769917	567248
4.28		4899861	3584798
4.319		344847	332111
4.373		2287037	1871839
4.41		332221	250451
4.443		2929522	2103095
4.467		467659	298233
4.51		1793308	1366232
4.535		90278	51595
4.61		1627214	1598397
4.663		2093836	1661607
4.703		514145	431115
4.742		3372105	3131580
4.79		250225	154474
4.813		108673	70917
4.873		36071	41226
4.931		153866	139117
4.965		160305	107445
4.989		948824	744847
5.039		125160	103849
5.075		103584	80558
5.107		62119	52463
5.137		419449	315069
5.159		304058	271047
5.2		9155	4962
5.232		57172	50990
5.374		15567	11899
5.416		347137	354776
5.575		77125	67046
5.619		12405	7948
5.643		84239	70937
5.692		29439	25790
5.799		17008	13866
5.999		54619	49677
6.158	DCB	3025072	2780806
6.607		2506	1893
7.264		1312	1621
8.291		6087	10731

AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082

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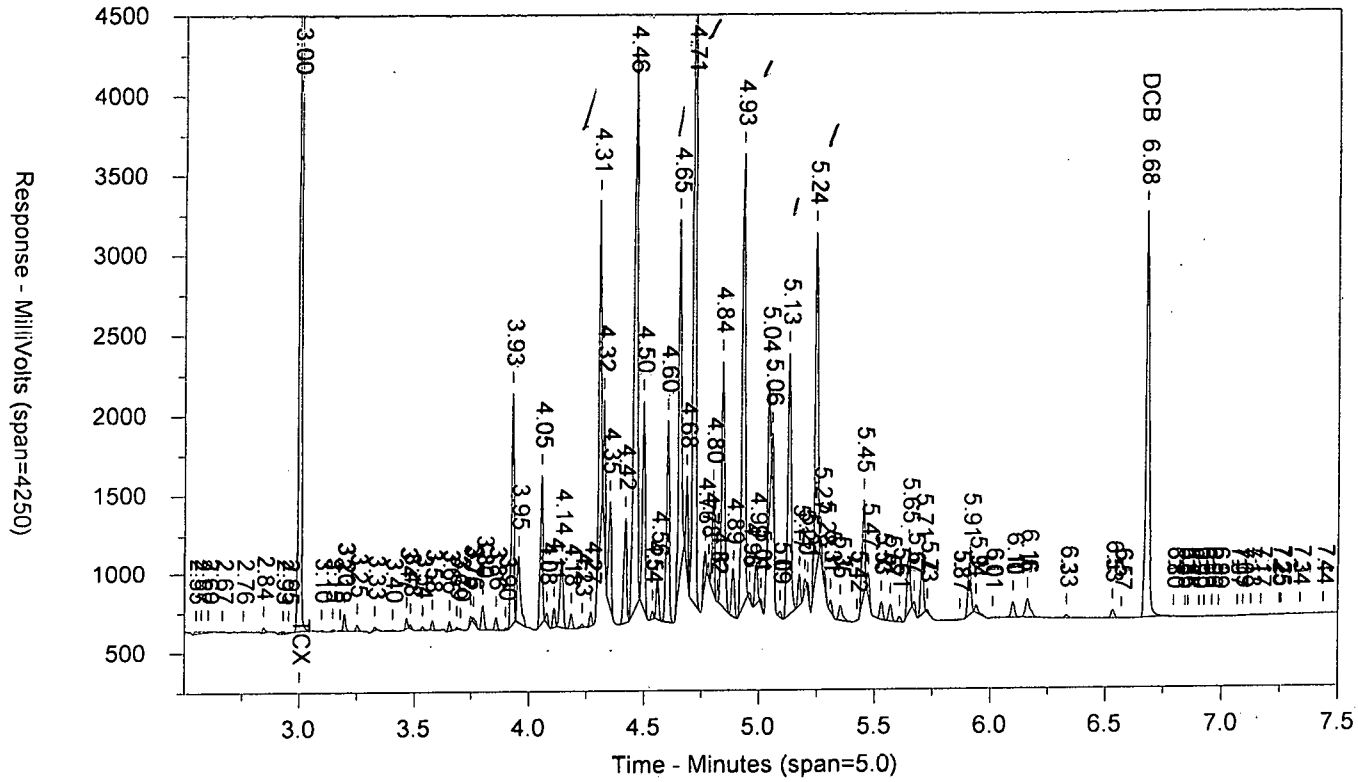

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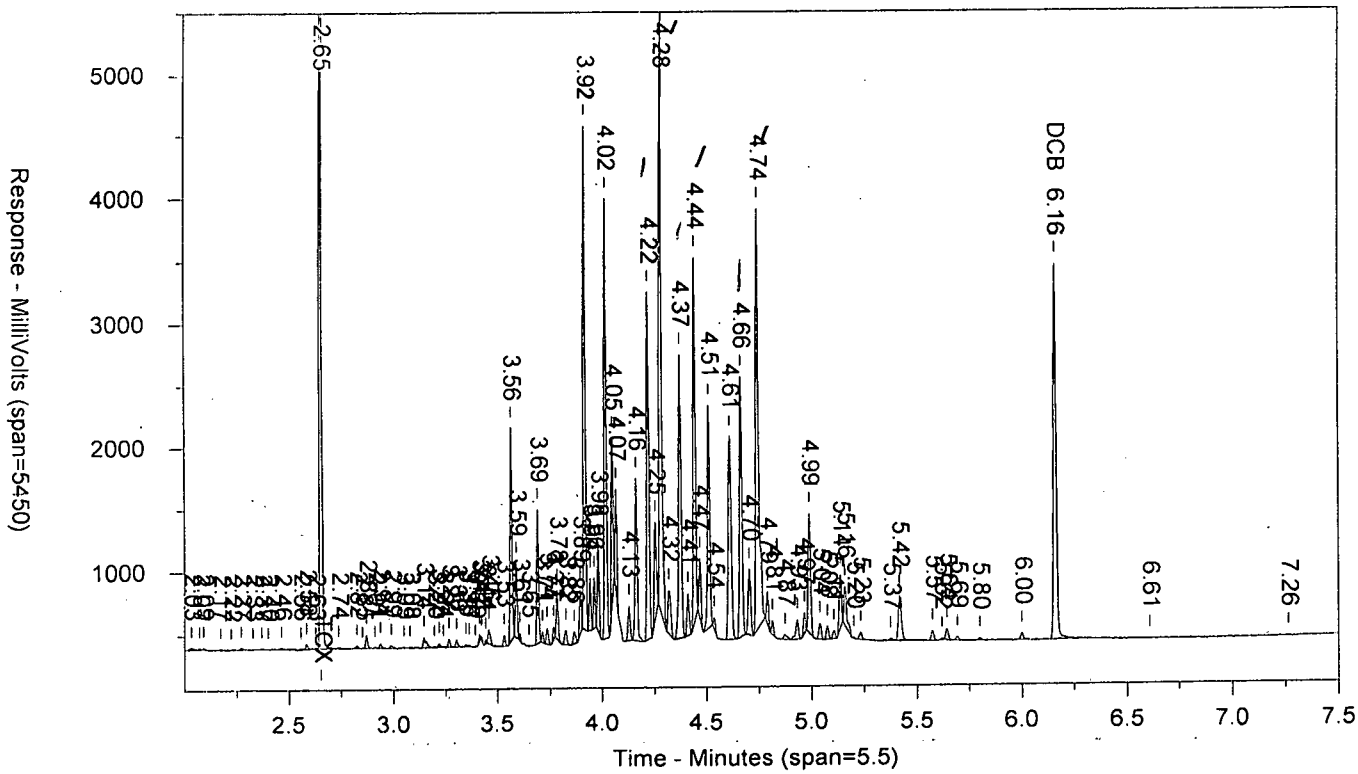

LANCASTER LABORATORIES

Sample Number: AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:25:35 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	7208134	19.044	TCX	2.653	7384293	19.001	TCX
6.678	2560397	18.969	DCB	6.158	3025072	18.989	DCB

Files:
Area File: 07pcbs17250001.0022.RAW
Area File: 07pcbs17250001B.0022.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:34:21 AM
File Reported On: 9/8/2017 at 2:34:32 AM

AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082

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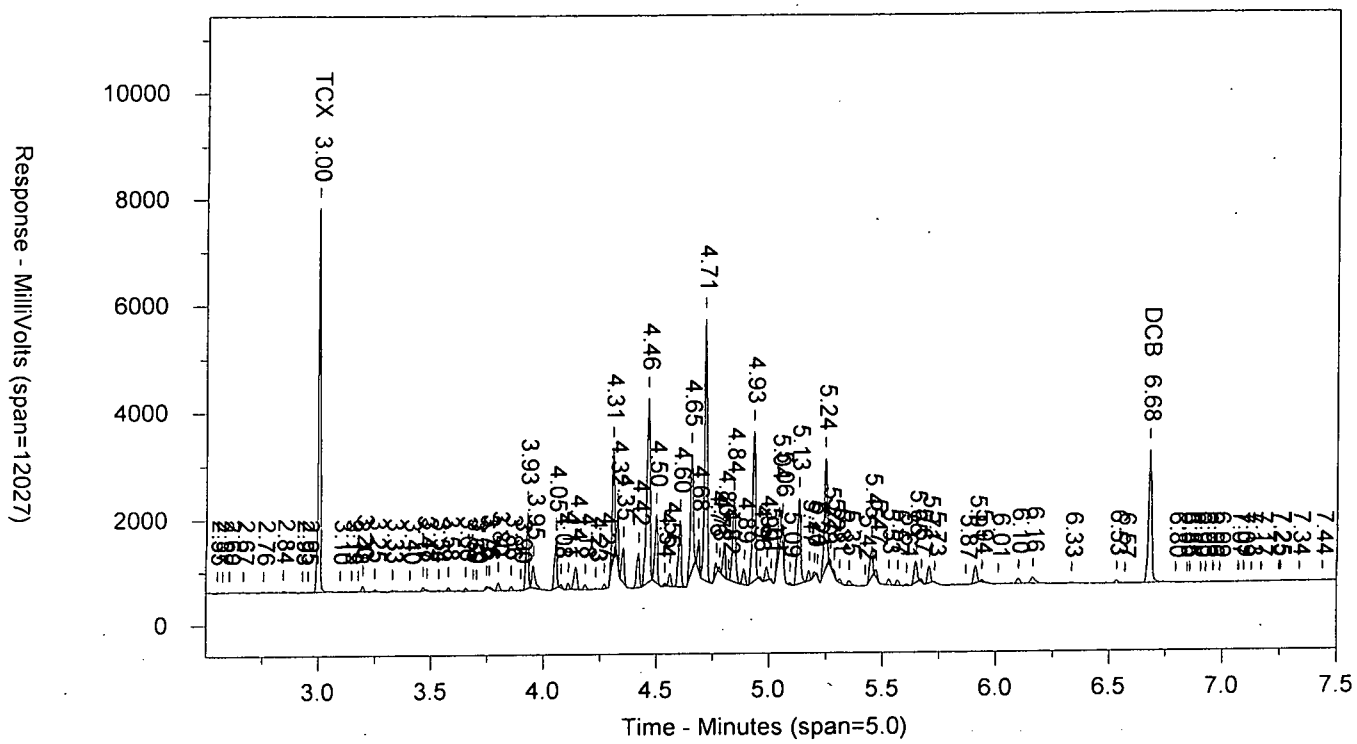

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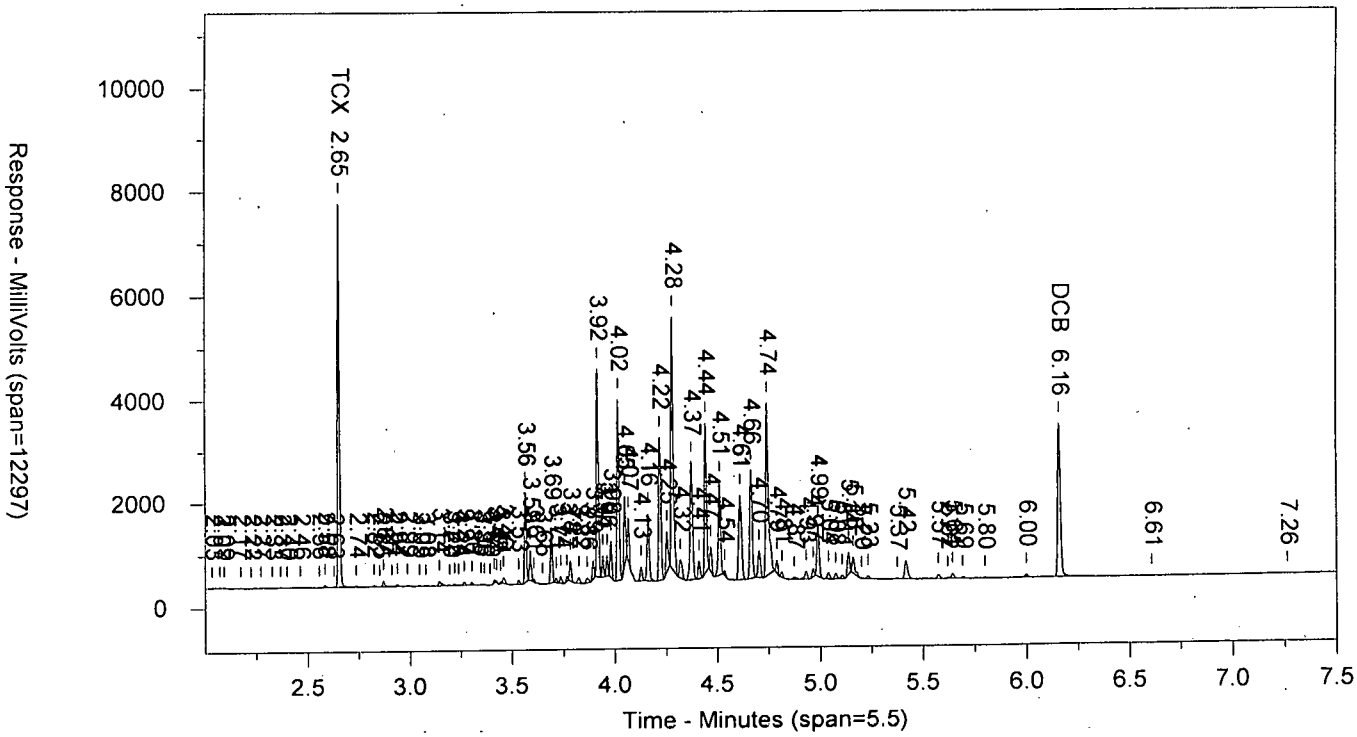

AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082

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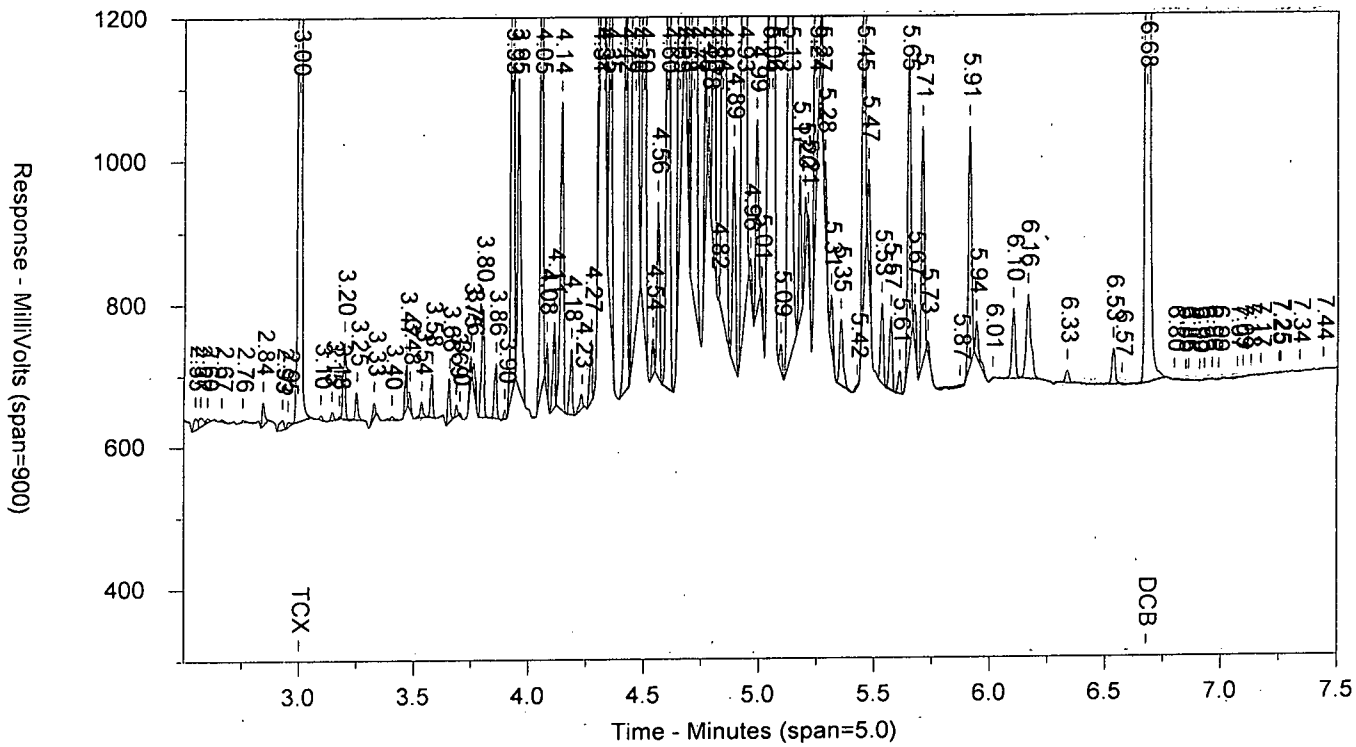

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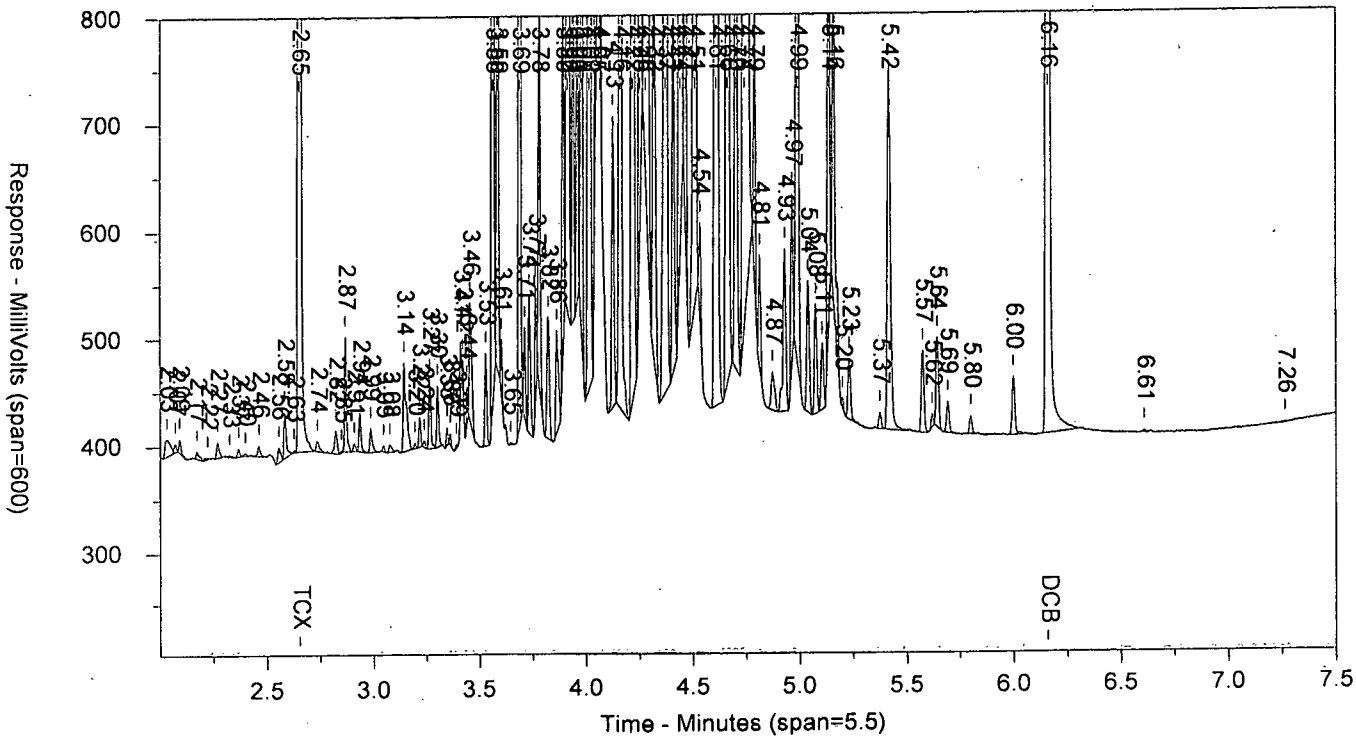

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:37:02 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0023.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.538		2424	1931
1.644		4642	12764
1.792		5639	6037
1.856		2344	1435
1.966		3666	3432
2.033		2488	3124
2.111		33417	56383
2.148		35812	69647
2.218		15062	37769
2.295		80007	93465
2.39		46991	39259
2.404		31800	22631
2.432		10503	12311
2.478		6367	3367
2.55		15034	15052
2.575		13801	16800
2.606		4281	3764
2.667		5503	4628
2.72		4618	2567
2.758		6379	5432
2.845		31768	28030
2.931		22910	37899
2.955		4083	3277
2.999	TCX	14983930	9559403
3.098		6252	4200
3.147		21282	17385
3.196		209323	146855
3.251		73168	52039
3.328		38572	24516
3.406		3500	2544
3.465		119956	73044
3.482		42722	23684
3.519		4961	2203
3.535		42352	28842
3.579		116037	81987
3.632		17780	15542
3.655		107071	74066
3.688		28840	16901
3.702		8098	4785
3.747		83465	48980
3.76		49787	48642
3.8		266251	221172
3.857		151364	112409
3.899		21875	13907
3.926		2906623	2061013
3.954		819495	776245
4.053		1847405	1330566
4.077		117922	73137
4.109		222408	159772
4.143		817640	765830
4.183		177450	143800
4.217		9345	4349
4.231		38247	22062

RT A	Compound A	Height A	Area A
4.269		172040	122666
4.305		4212779	2966333
4.324		1728034	956309
4.35		1366461	1078169
4.419		1320340	1091469
4.46		7016235	7187931
4.496		2578709	2083109
4.537		103769	66968
4.56		440508	359661
4.602		2489653	2185643
4.653		4650526	3930188
4.685		1102393	719202
4.714		10106780	8290049
4.764		449612	317823
4.778		140330	62638
4.799		1273402	945798
4.819		7689	1613
4.84		2994810	2877960
4.887		580475	520514
4.928		6146375	5516749
4.959		105923	71689
4.988		506428	416133
5.009		70674	42291
5.04		1757137	1231650
5.055		619294	369880
5.092		69843	53428
5.128		3479452	3479150
5.174		389234	298441
5.199		148012	96373
5.244		4371353	3899424
5.267		236185	117035
5.285		186444	103514
5.311		151724	110185
5.353		178294	199050
5.424		9211	4843
5.451		1234592	1041450
5.471		283663	186942
5.502		7403	2554
5.528		206476	179808
5.567		191293	180821
5.607		60955	53500
5.646		888702	791340
5.672		110476	74869
5.706		656811	587658
5.73		29416	18763
5.866		1610	1191
5.91		623519	599454
5.94		93982	95382
6.012		6798	7256
6.039		1668	314
6.099		176799	173248
6.162		205877	288275
6.293		1683	1752
6.332		35014	36203
6.464		1440	366
6.5		1744	517
6.533		99862	98973
6.597		1895	912
6.679	DCB	4971135	5030995
6.829		2232	1246
7.215		1069	276
7.261		1140	537
7.298		1304	364
7.353		1241	763
7.422		2278	777
7.44		1379	516

RT A	Compound A	Height A	Area A
7.458		1497	349
7.515		2220	1352
7.541		2255	359
7.741		2081	538
7.816		1206	309
7.947		1504	837
7.984		1695	1272
8.003		1744	710
8.028		1366	435
8.062		1474	1591
8.073		1811	486
8.13		1630	1242
8.201		1148	943
8.233		2301	478
8.265		965	376
8.349		1504	611
8.407		1719	407
8.486		2237	654
8.54		1679	814
8.63		1772	534
8.647		2187	726
8.678		2731	1780

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:37:02 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0023.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.553		6175	4717
1.588		6007	5252
1.657		7397	6095
1.761		11033	10478
1.834		17189	22349
1.865		10523	13842
1.925		2962	2377
1.966		83803	85443
2.031		16904	27149
2.071		11955	8944
2.092		25822	17102
2.172		11255	11159
2.271		17350	15763
2.328		2054	2479
2.367		9379	6790
2.4		4124	2990
2.462		11930	11221
2.512		10574	24955
2.556		20709	21659
2.584		39305	29802
2.627		3296	1879
2.653	TCX	15554700	9294398
2.738		9083	8794
2.824		33730	30032
2.849		2587	1178
2.871		205564	130798
2.91		6780	4924
2.937		67062	43759
2.987		42101	30961
3.048		13126	8406
3.079		6384	6303
3.144		151870	155421
3.195		10217	5405
3.218		49378	30337
3.239		7315	4392
3.266		115552	74242
3.303		102756	65397
3.33		12066	5613
3.348		30328	15704
3.363		14372	7276
3.392		4109	2047
3.413		90678	44110
3.423		54741	22291
3.443		59927	28098
3.458		195951	153934
3.531		164663	104657
3.565		3375739	2002711
3.588		1091231	618137
3.606		99223	43463
3.624		18351	9411
3.691		2142087	1317262
3.714		164679	88558
3.736		251234	170218
3.766		173357	92574

3.783		722487	445763
3.824		215792	169256
3.865		175620	149244
3.895		656904	380386
3.916		8055515	5142796
3.942		787316	446534
3.961		757631	417595
3.981		1348939	804680
4.016		6850446	4581681
4.049		2586622	1564495
4.066		1570670	826240
4.127		513124	352014
4.163		2434028	1791834
4.219		5481992	4009225
4.254		1489410	1106870
4.28		9771787	7065635
4.319		674070	635664
4.373		4454693	3624517
4.41		651225	483316
4.443		5995598	4211799
4.467		914043	583059
4.51		3583198	2670326
4.536		177989	103540
4.61		3039625	3131388
4.663		4386771	3394709
4.703		1004847	827225
4.743		6756052	6266166
4.789		478212	298648
4.814		207947	140096
4.873		68856	77089
4.914		13150	8049
4.931		269541	202658
4.965		302697	208334
4.989		1902211	1467096
5.04		236233	198214
5.075		194769	153657
5.107		119845	98092
5.137		901172	641104
5.159		588610	378006
5.176		80281	37400
5.2		15381	8832
5.232		91750	80411
5.349		2440	1633
5.374		28289	23001
5.417		661737	681025
5.516		2770	2385
5.575		141710	118483
5.62		23425	15557
5.644		153828	125882
5.692		51883	44602
5.8		32358	32186
5.952		1740	1468
6		107748	89830
6.159	DCB	5753072	5435096
6.609		4637	6148
8.294		5914	9500

AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082

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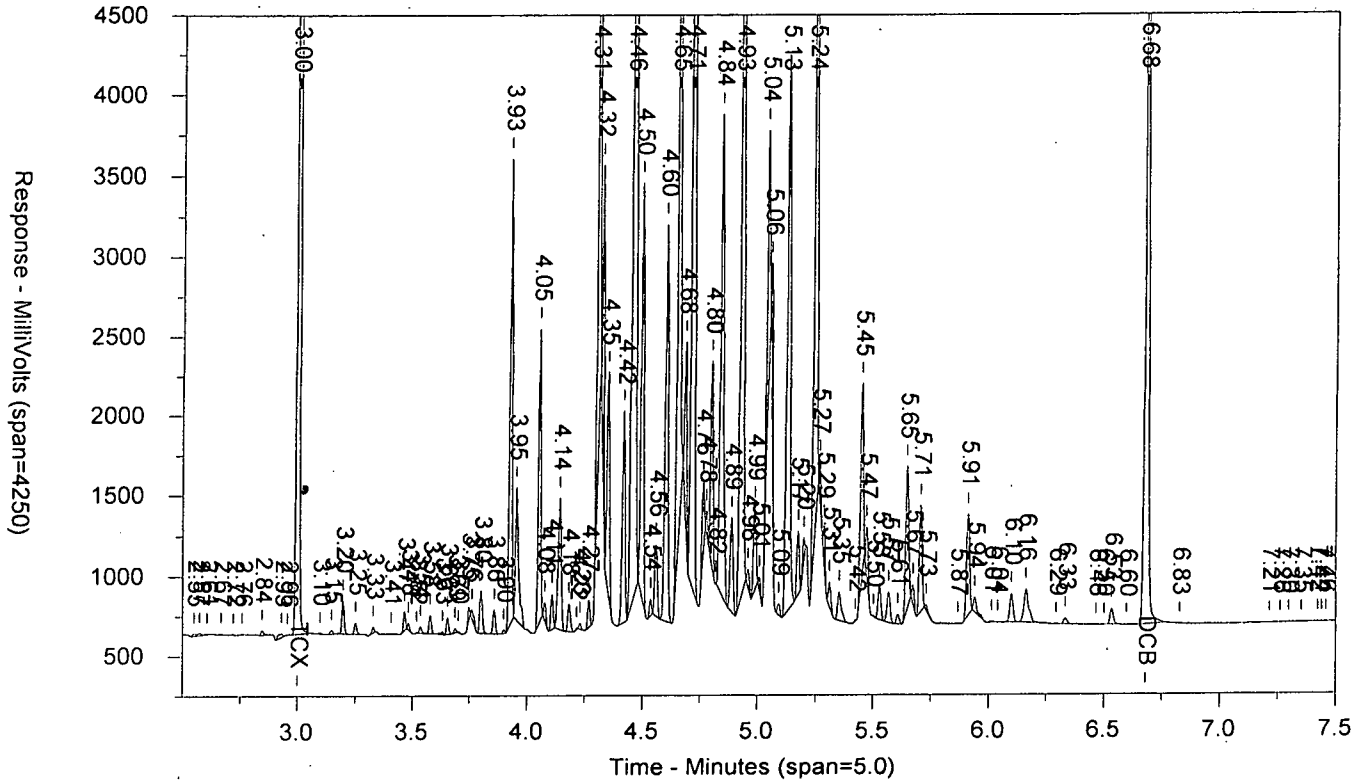

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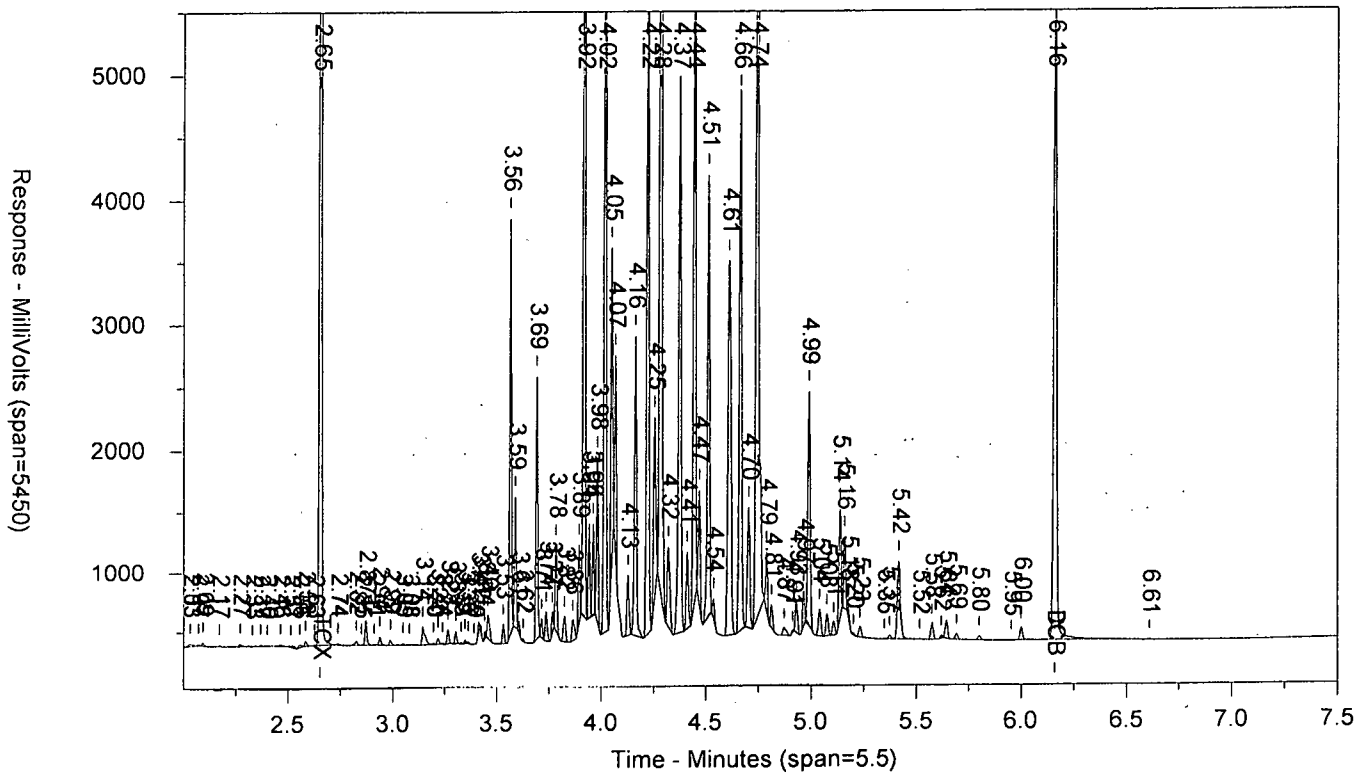

LANCASTER LABORATORIES

Sample Number: AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:37:02 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	14983930	39.587	TCX	2.653	15554700	40.025	TCX
6.679	4971135	36.829	DCB	6.159	5753072	36.114	DCB

Files:
Area File: 07pcbs17250001.0023.RAW
Area File: 07pcbs17250001B.0023.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:45:46 AM
File Reported On: 9/8/2017 at 2:45:52 AM

AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082

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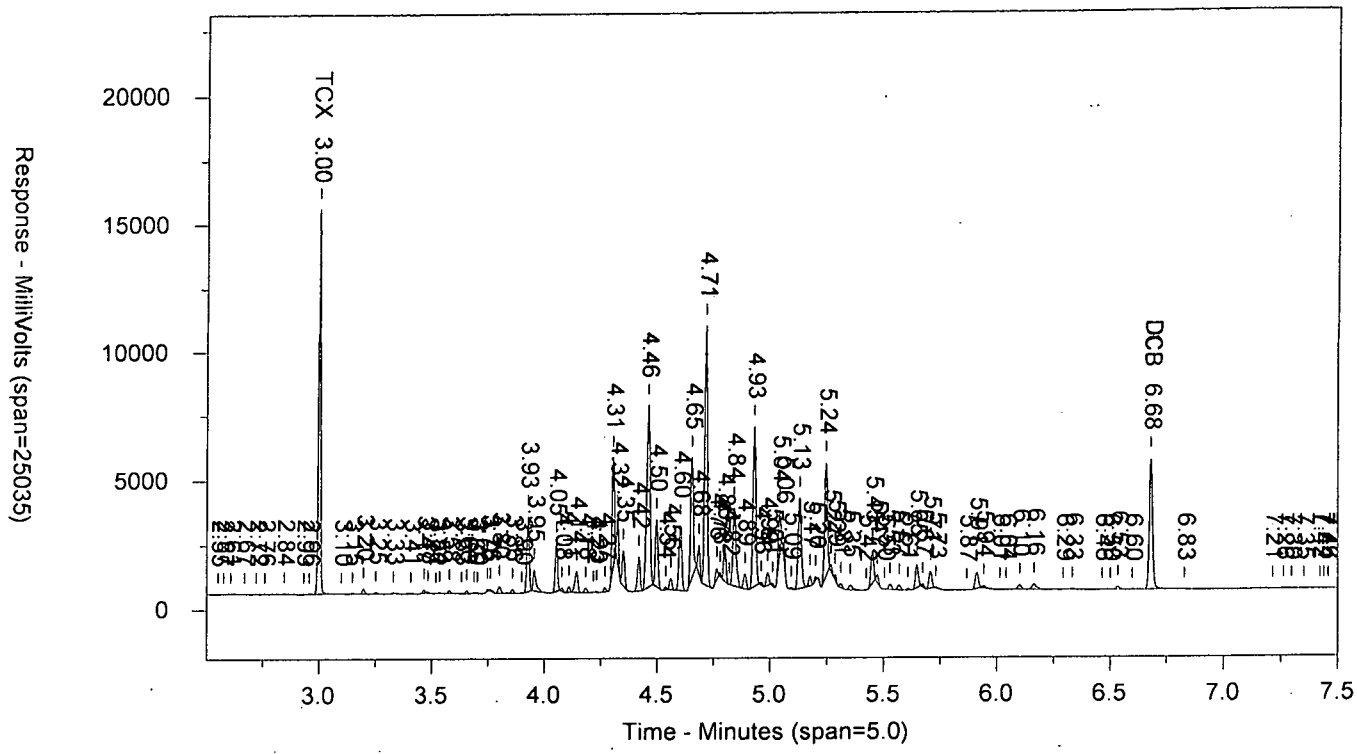

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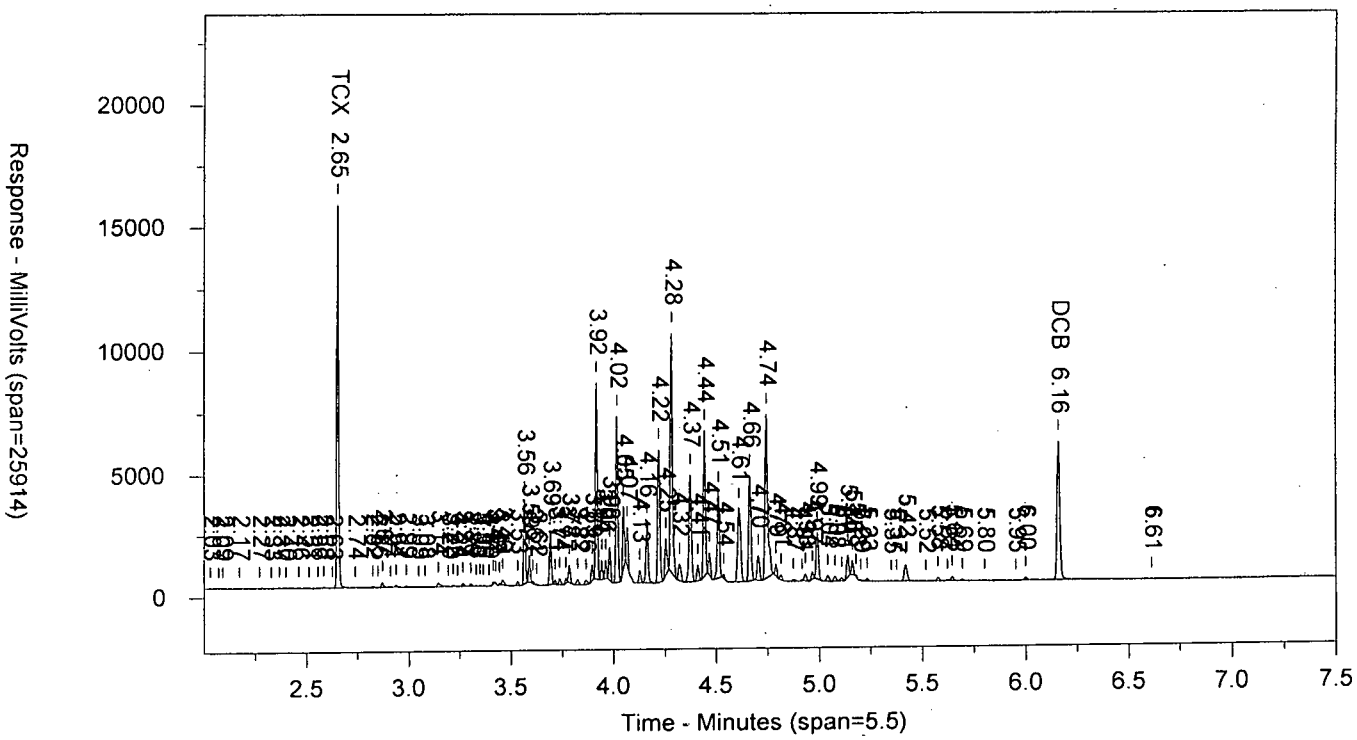

AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082

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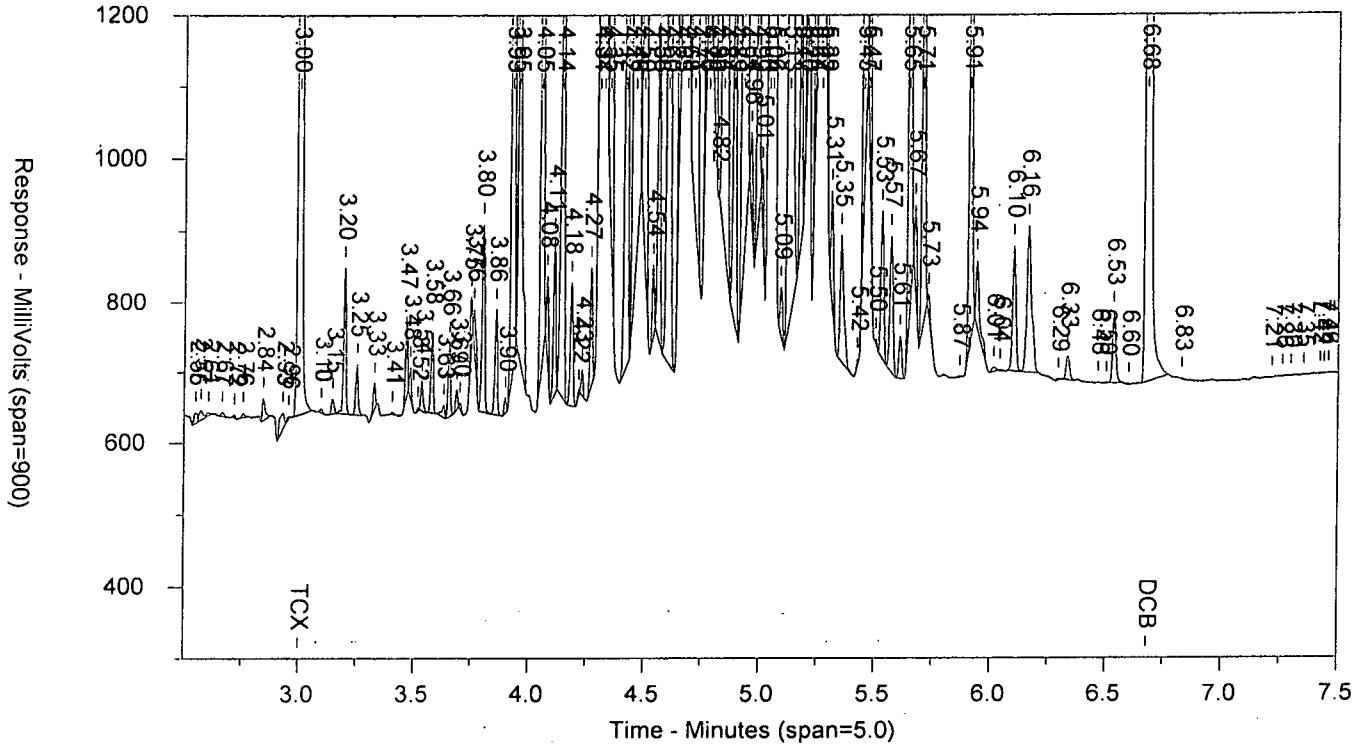

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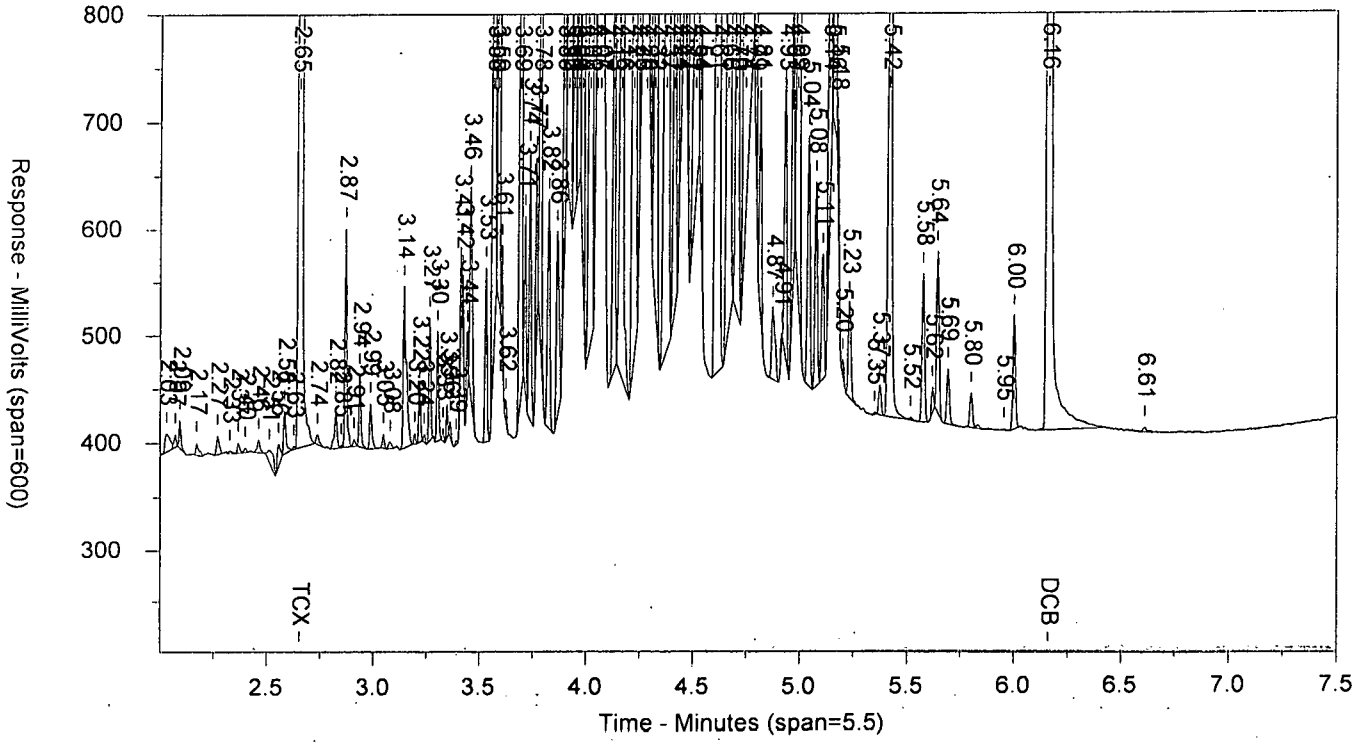

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:48:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0024.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.632		8969	8213
1.931		1587	1244
2.111		19015	29020
2.147		6954	5449
2.219		3491	2640
2.294		135414	96624
2.39		36328	23267
2.403		55127	36837
2.433		8052	8912
2.494		3303	2778
2.551		9580	9527
2.603		2468	1021
2.635		3170	2328
2.718		4994	3455
2.844		23409	17706
2.924		12000	17753
2.957		4710	5242
2.999	TCX	30766570	19109910
3.146		44960	38187
3.196		391256	271973
3.25		128635	88047
3.327		76612	48186
3.343		13695	5873
3.44		2458	1416
3.465		225676	136877
3.482		79517	43374
3.518		9317	4718
3.534		82265	57192
3.579		216573	156536
3.632		22108	13934
3.654		203035	137144
3.688		51973	30129
3.703		20608	9713
3.747		161605	92272
3.759		96957	97142
3.799		514055	422518
3.857		280503	213975
3.898		45380	27887
3.925		5491853	3967661
3.953		1464877	1463555
4.002		13212	7220
4.052		3513542	2560998
4.077		235569	143661
4.108		428080	300964
4.142		1546094	1452996
4.183		325914	271379
4.218		11696	7032
4.23		71961	45449
4.269		309256	228306
4.305		8461865	5837564
4.323		3402602	1896780
4.349		2666400	2113061
4.418		2527993	2077034

RT A	Compound A	Height A	Area A
4.46		14032430	14198510
4.495		5068641	4074068
4.537		192578	128579
4.559		894669	673924
4.601		4872663	4265336
4.652		9551047	7983428
4.684		2331626	1516537
4.714		20573340	16830260
4.763		928048	637689
4.777		294618	125748
4.798		2508232	1897319
4.819		15319	4290
4.84		5863007	5659735
4.886		1173986	1026703
4.928		12614900	11366690
4.959		222046	144158
4.987		1018308	801064
5.008		167160	97804
5.039		3561342	2614888
5.054		1336718	794224
5.091		145982	108731
5.127		7383292	7231875
5.172		764969	581557
5.197		303763	188879
5.209		247639	133052
5.244		9315971.	8124115
5.266		583281	284539
5.284		350098	213468
5.309		257741	196226
5.352		337674	387640
5.449		2574004	2114751
5.471		548227	361584
5.501		16368	8048
5.527		383490	335708
5.566		352950	337687
5.605		123200	109227
5.645		1800466	1578126
5.67		221849	156650
5.705		1322137	1134143
5.729		72333	49522
5.792		1940	1125
5.848		1838	298
5.908		1193588	1110160
5.938		187110	194183
6.004		14384	14890
6.098		348631	332125
6.162		407614	577109
6.287		1834	1277
6.331		69760	70243
6.376		4789	3907
6.462		3820	3214
6.483		812	292
6.498		2561	1260
6.531		180630	191383
6.676	DCB	10245040	10008340
6.799		3371	3080
6.922		1071	270
6.938		2229	868
7.016		1724	482
7.026		2180	1532
7.077		1260	337
7.13		5394	6304
7.225		1185	303
7.367		2108	687
7.378		1933	690
7.44		1613	425

RT A	Compound A	Height A	Area A
7.455		1808	536
7.599		2086	943
7.621		1687	1021
7.746		1836	704
7.827		2375	794
7.854		1363	1124
8.052		1856	388
8.091		1722	725
8.145		1569	840
8.179		1617	777
8.272		1338	1072
8.337		1689	421
8.381		2005	489
8.409		1421	561
8.528		2231	515
8.554		2231	1145
8.624		1217	693

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:48:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0024.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.589		4350	4132
1.655		2499	2044
1.76		4649	6022
1.833		10811	13548
1.967		137813	120858
2.031		13301	20123
2.093		54900	36418
2.184		4893	6589
2.225		2894	3895
2.271		9685	9281
2.339		2095	1885
2.368		2554	1881
2.401		3400	3613
2.46		3930	4484
2.51		5193	11657
2.555		8457	9698
2.584		33987	25287
2.627		2633	1439
2.653	TCX	30356200	18622980
2.825		52776	41618
2.851		4336	1785
2.871		395343	254490
2.937		131328	86432
2.987		80763	47571
3.024		3021	1741
3.048		21947	13682
3.076		2602	4615
3.144		284969	283294
3.195		18892	10388
3.217		93734	58820
3.24		10680	5599
3.266		215263	143150
3.303		201732	126495
3.329		26619	13033
3.348		59798	30503
3.363		26561	12249
3.391		2085	1149
3.413		186133	87231
3.422		115993	42396
3.442		113664	53519
3.457		387646	298223
3.53		306843	200745
3.564		6353509	3826599
3.587		2075661	1174397
3.605		194555	85901
3.623		34387	17913
3.69		4016660	2526896
3.713		303278	163018
3.735		463617	319023
3.766		335228	173641
3.783		1416234	855715
3.824		416547	321528
3.864		326634	285911
3.895		1248115	718680

3.916		15708280	9997699
3.941		1570643	880990
3.961		1418360	782522
3.98		2537939	1520914
4.017		13221060	8938417
4.049		5144371	3114455
4.066		3061468	1597287
4.127		941701	668027
4.162		4806521	3480977
4.219		11099250	7921008
4.252		3093335	2232278
4.28		19445050	14014380
4.319		1253055	1207234
4.372		8784515	7098559
4.41		1235907	937083
4.442		12373430	8458501
4.467		1778004	1146024
4.51		7197716	5236917
4.535		367523	220907
4.609		6255371	6152193
4.662		8856384	6900847
4.703		1918344	1621362
4.742		13400100	12430280
4.789		919946	585848
4.813		401325	273864
4.873		135829	146040
4.913		29876	15360
4.93		539069	396141
4.964		586511	396344
4.988		3726877	2917287
5.039		435063	373272
5.074		365098	292557
5.106		238669	194346
5.136		1793387	1301211
5.158		1135305	729634
5.176		158663	77141
5.2		30335	17946
5.232		197381	167890
5.293		4641	3781
5.349		4261	2805
5.374		57529	44773
5.416		1311100	1302324
5.518		12746	13242
5.574		264017	232217
5.619		44532	30115
5.642		288856	242843
5.691		105700	91840
5.799		63213	51368
5.831		4079	3537
5.998		197805	168970
6.051		2791	1688
6.158	DCB	11593220	10627740
6.606		8066	9349
7.77		1292	2987
8.291		6894	14063

AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082

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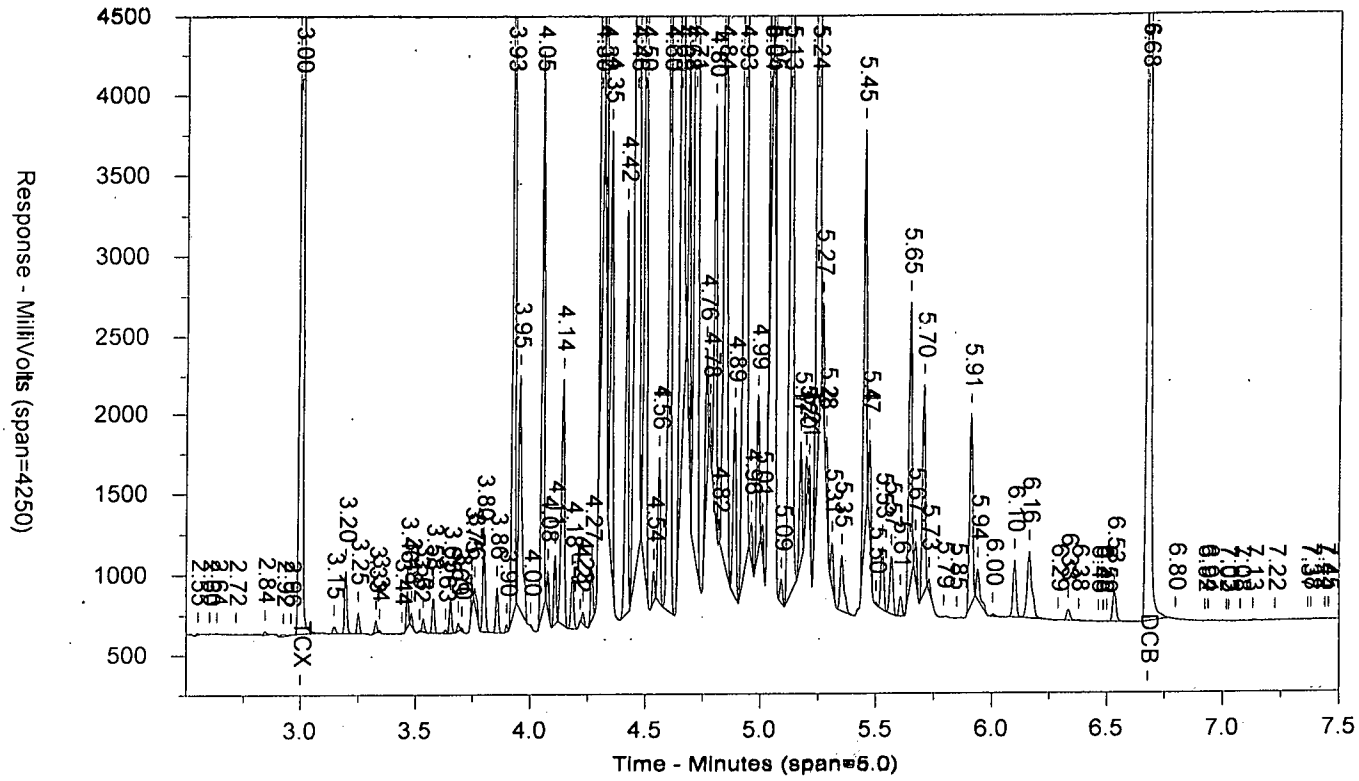

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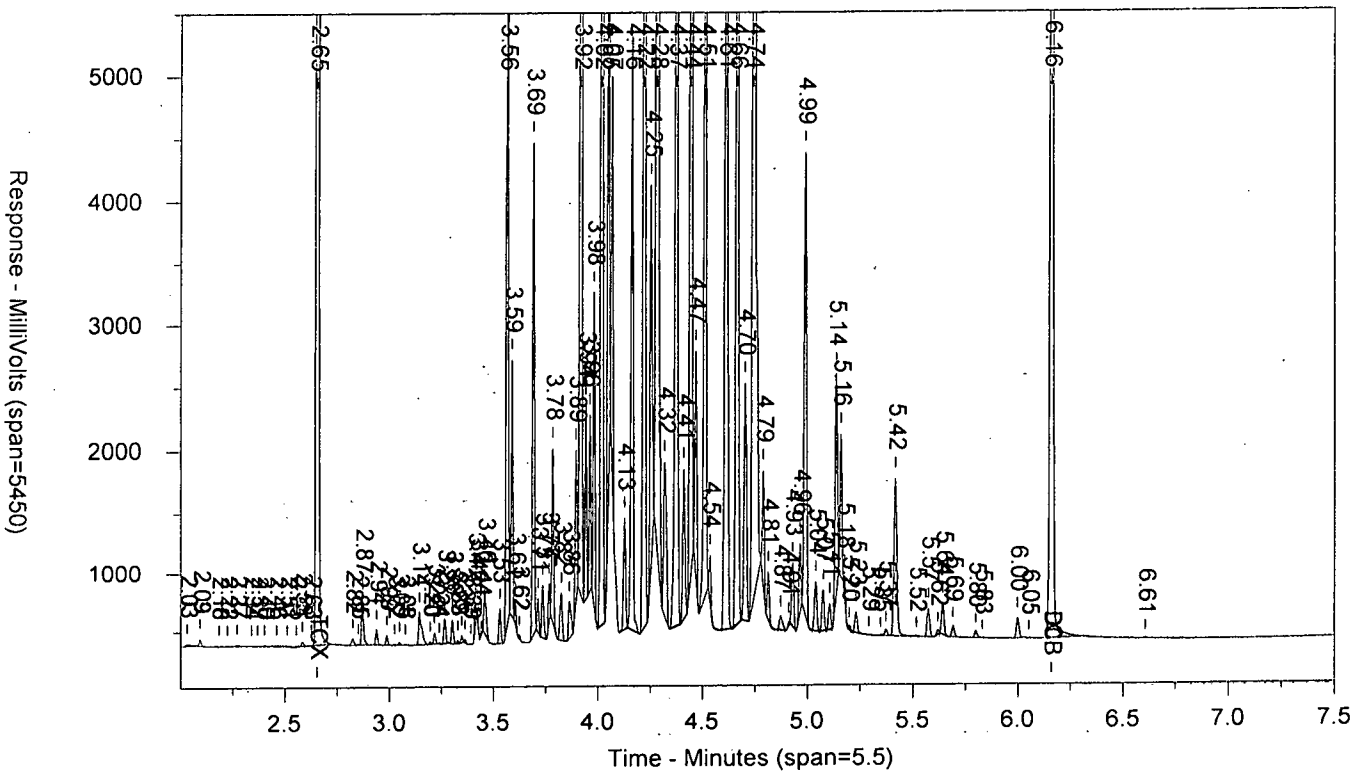

LANCASTER LABORATORIES

Sample Number: AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:48:19 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	30766570	81.285	TCX	2.653	30356200	78.112	TCX
6.676	10245040	75.901	DCB	6.158	11593220	72.774	DCB

Files:
Area File: 07pcbs17250001.0024.RAW
Area File: 07pcbs17250001B.0024.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:57:01 AM
File Reported On: 9/8/2017 at 2:57:14 AM

AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082

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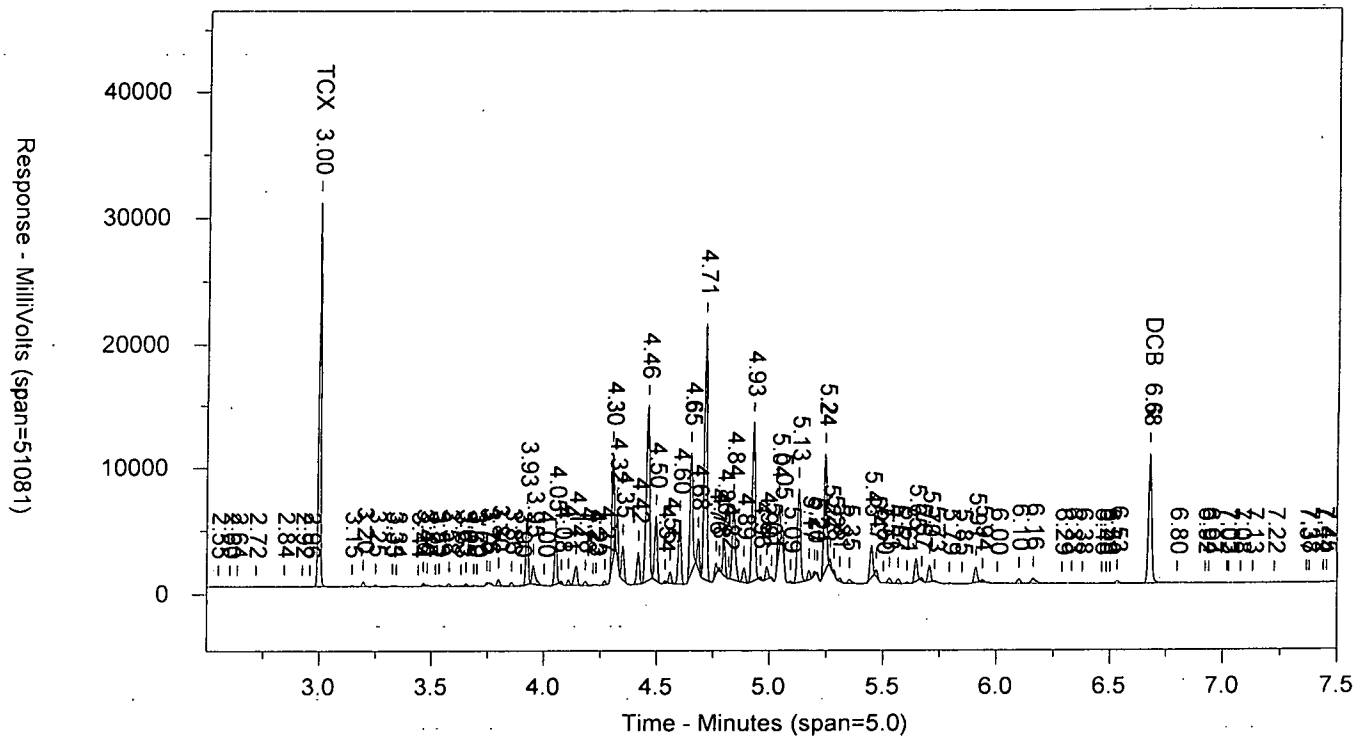

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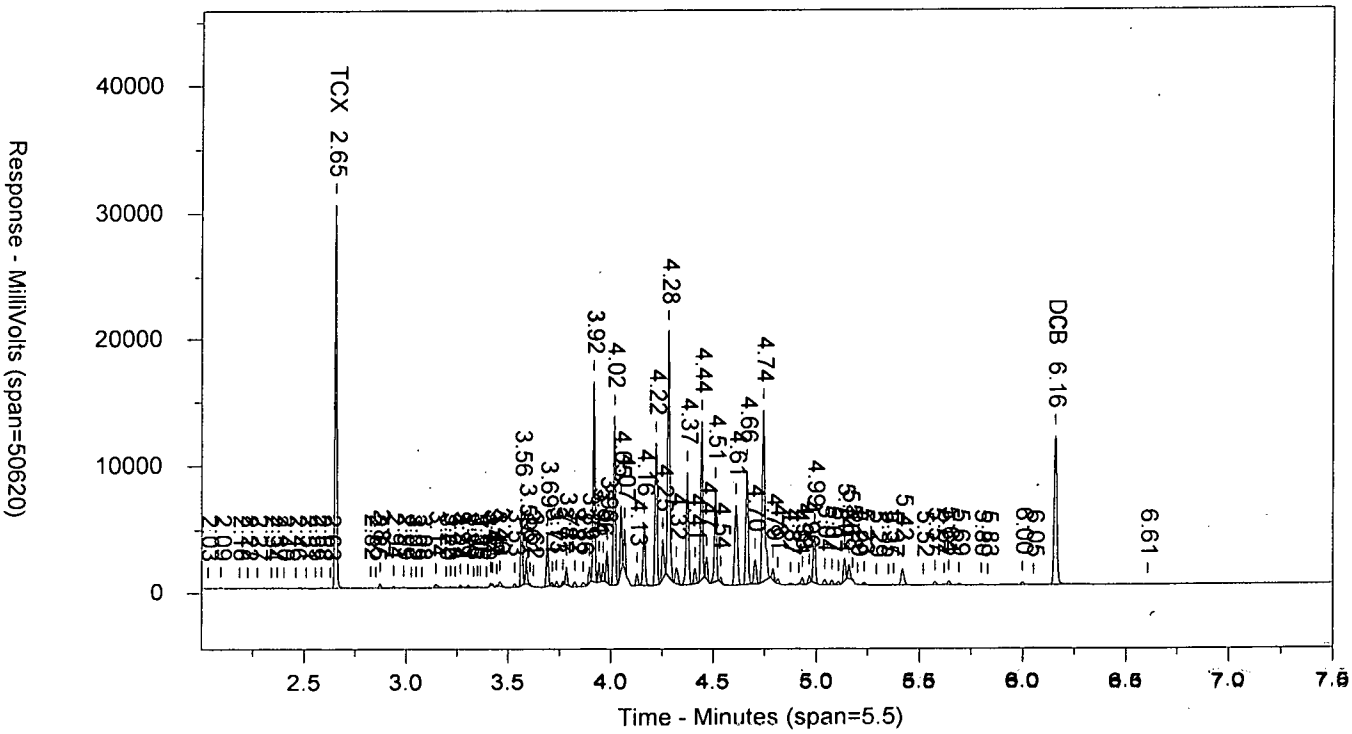

AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082

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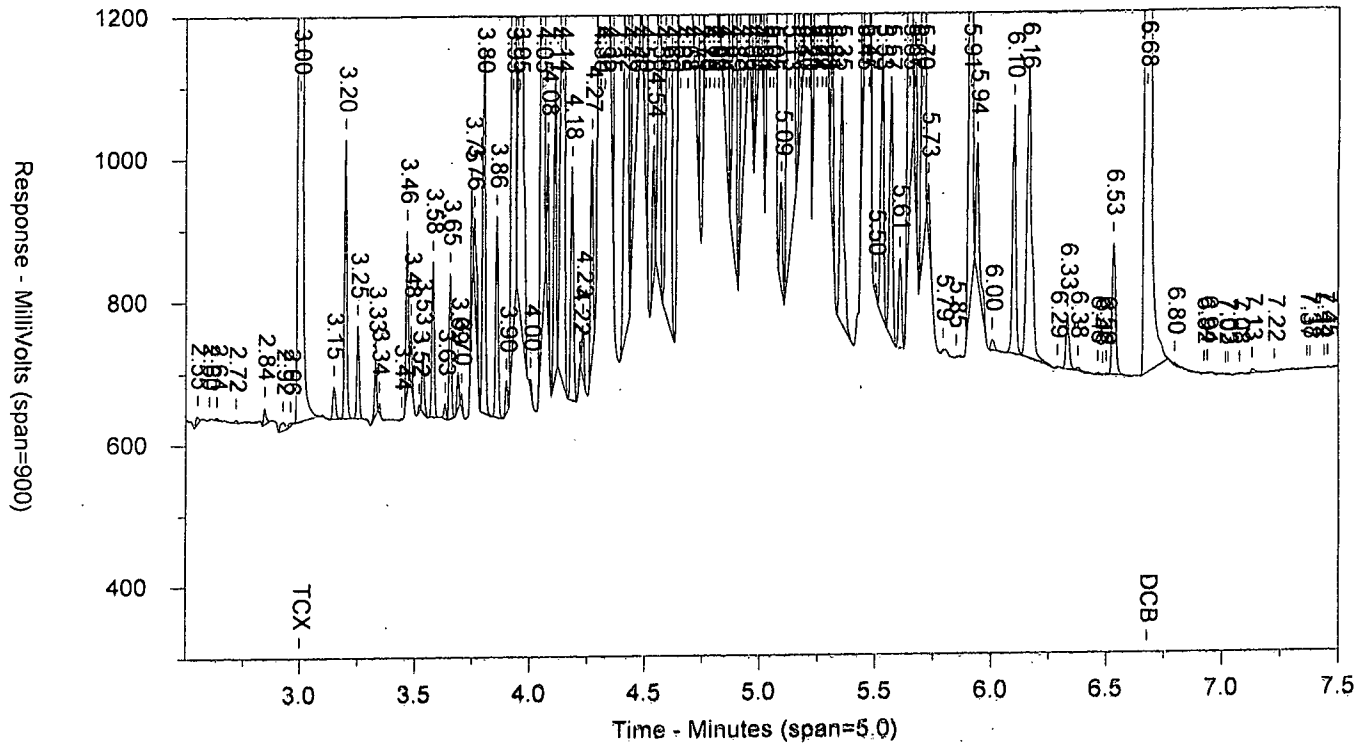

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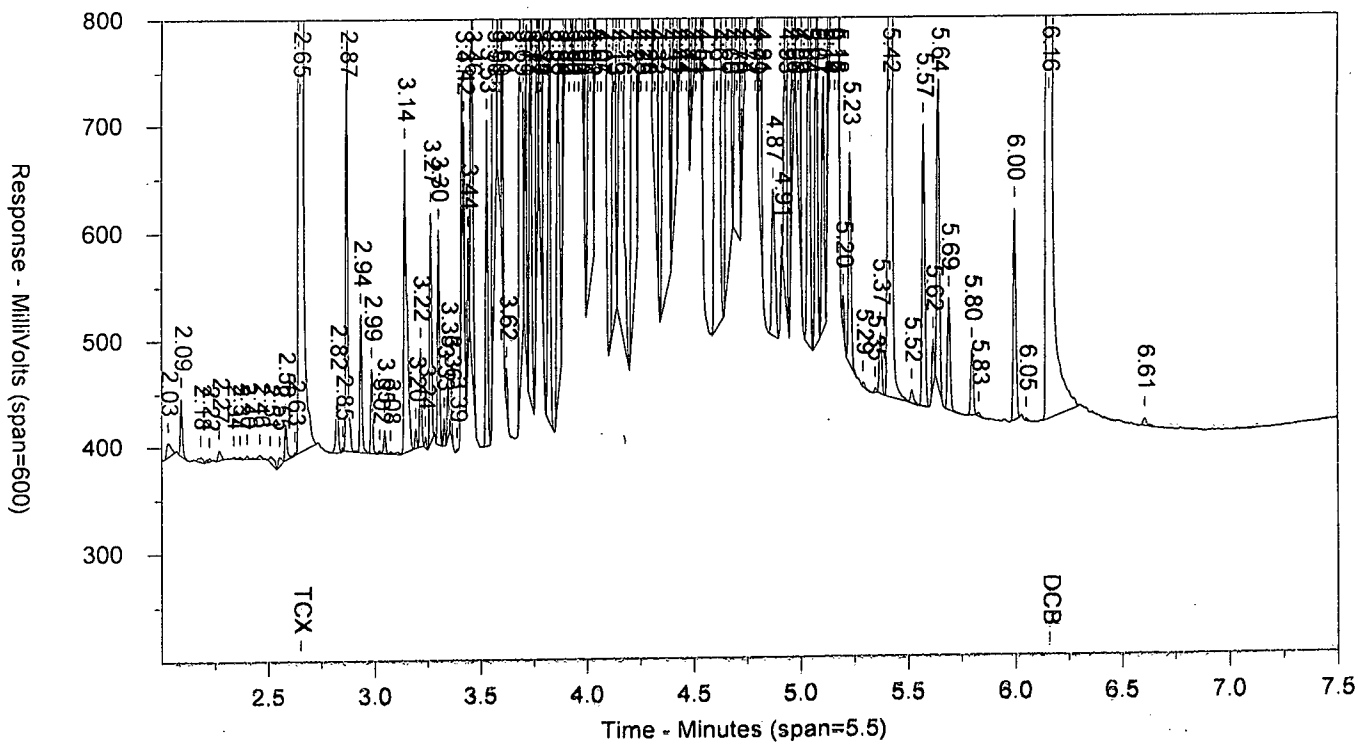

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:59:50 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0025.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.644		3426	14923
1.789		5419	3833
1.882		2073	2847
1.97		2839	1182
2.056		22112	60992
2.115		27585	70493
2.15		45108	157703
2.283		18795	39855
2.331		26893	33781
2.391		110238	78571
2.436		8980	11166
2.55		19886	25083
2.608		6996	6861
2.654		18474	15527
2.716		3980	2838
2.746		8405	7579
2.845		38682	29265
2.919		4161	3585
2.971		10187	18085
2.996	TCX	3425	2388
3.147		6101	4709
3.205		7177	4378
3.229		3990	2186
3.251		42398	28778
3.344		14041	33638
3.466		50873	29069
3.483		24222	12732
3.52		4239	2123
3.58		57566	40509
3.657		19822	17799
3.689		13983	7995
3.705		7362	3309
3.749		25343	15066
3.761		53573	26381
3.8		74172	59316
3.859		65747	45964
3.886		1618	550
3.899		3808	2644
3.928		70446	51044
3.964		57440	60160
3.997		6291	5440
4.054		60473	44876
4.079		12268	7390
4.11		17247	12248
4.144		56130	67751
4.186		17291	15471
4.247		10218	10603
4.271		20578	13615
4.306		319108	256509
4.326		35758	18774
4.35		55966	55453
4.42		13786	7650
4.435		47713	27673

RT A	Compound A	Height A	Area A
4.463		441646	406293
4.498		47758	34694
4.538		2324	955
4.561		28101	25163
4.601		186178	173678
4.672		389960	439687
4.716		225554	201016
4.765		1336123	1389921
4.803		235102	167821
4.842		2241898	2020400
4.885		58140	50631
4.928		163691	177668
4.964		26354	18789
4.989		247100	229270
5.041		2059008	2301290
5.093		943722	897656
5.132		675318	542054
5.151		74602	41725
5.175		15215	8193
5.212		99979	92337
5.246		1532564	1410583
5.288		34754	18070
5.312		2338664	2135531
5.354		993773	944077
5.447		423676	338267
5.473		2079036	2113079
5.53		973392	853556
5.567		402562	485781
5.612		108535	115727
5.652		394514	402853
5.707		4561816	4052265
5.91		3113592	3038645
5.967		1566639	2402181
6.101		190781	183450
6.18		780250	947151
6.291		2999	1748
6.333		1404776	1478584
6.378		81603	70414
6.473		2065	837
6.533		528781	536932
6.681	DCB	13068	13222
6.715		1865	958
6.808		1031	215
6.913		1787	461
6.95		1318	499
6.962		2200	778
7.063		1424	553
7.095		1029	1386
7.154		1457	383
7.181		1346	619
7.22		1407	539
7.278		1111	613
7.305		2225	2417
7.383		1548	437
7.4		1459	506
7.436		1869	676
7.476		1737	864
7.493		956	487
7.517		1557	402
7.573		2107	609
7.592		1707	398
7.782		1993	412
7.797		1546	892
7.89		1377	488
7.92		1223	330
7.988		1308	691

RT A	Compound A	Height A	Area A
8.051		1609	1147
8.079		2086	694
8.157		1704	556
8.233		1834	399
8.302		1575	741
8.345		1961	503
8.413		1221	416
8.54		2148	1948
8.607		1927	903
8.625		1281	619

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:59:50 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0025.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		6984	6014
1.614		3097	1879
1.656		2879	4693
1.761		6383	6008
1.83		3188	9774
1.871		1394	981
1.924		2936	2499
1.959		110671	77280
2.033		16987	25973
2.108		18946	14446
2.172		1774	936
2.21		3178	3112
2.271		10813	17892
2.382		17577	18539
2.46		7137	9712
2.512		4325	6259
2.566		9189	9025
2.583		52869	39821
2.681	TCX	5437	2776
2.735		4082	5619
2.824		9173	7107
2.851		2222	1449
2.885		7891	4706
2.916		2224	1885
2.937		44628	26424
2.96		5217	2847
3.02		4883	3072
3.047		5862	3275
3.074		2071	2382
3.143		46415	22180
3.154		14251	5847
3.196		4248	2221
3.218		6765	4471
3.241		4182	2549
3.265		61432	40987
3.304		12701	9249
3.348		14219	7116
3.363		19101	10124
3.413		34276	15606
3.423		53358	23015
3.443		3602	1255
3.457		61840	47486
3.531		67800	46030
3.566		75530	44782
3.589		91113	51962
3.619		11719	7682
3.647		13111	9829
3.692		69209	46346
3.714		31879	21144
3.738		23213	17074
3.767		27301	14855
3.784		38515	23326
3.826		20621	16478
3.867		35734	34331

3.901		13008	11123
3.917		441610	287954
3.942		42318	24957
3.962		12216	5835
3.982		57102	36496
4.018		482607	340382
4.051		61707	38664
4.074		102624	86517
4.113		25665	14427
4.132		8041	4754
4.153		120028	127878
4.196		4895	2572
4.22		95367	65663
4.263		324000	221175
4.295		1372788	1025860
4.322		361353	367986
4.373		2339544	1750544
4.414		64310	51933
4.444		89565	59324
4.468		347077	262953
4.511		2600174	1987391
4.615		2370012	2110227
4.669		445600	359972
4.708		735020	590503
4.743		1475643	1280153
4.776		3275284	2510365
4.814		1415555	1146995
4.915		682595	566246
4.966		3047896	2501048
4.99		31553	17821
5.04		1258329	1225453
5.076		384137	301100
5.106		349761	278283
5.16		5623768	4721776
5.2		60842	45782
5.233		399959	322880
5.352		100200	63407
5.375		2033996	1697347
5.422		3430987	3428795
5.576		153808	133388
5.621		22945	15348
5.644		98023	76829
5.693		679437	626682
5.8		1468412	1292696
5.832		68393	48801
6		561836	519718
6.159	DCB	15661	13954
7.219		1604	1411
8.298		6264	12567

AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082

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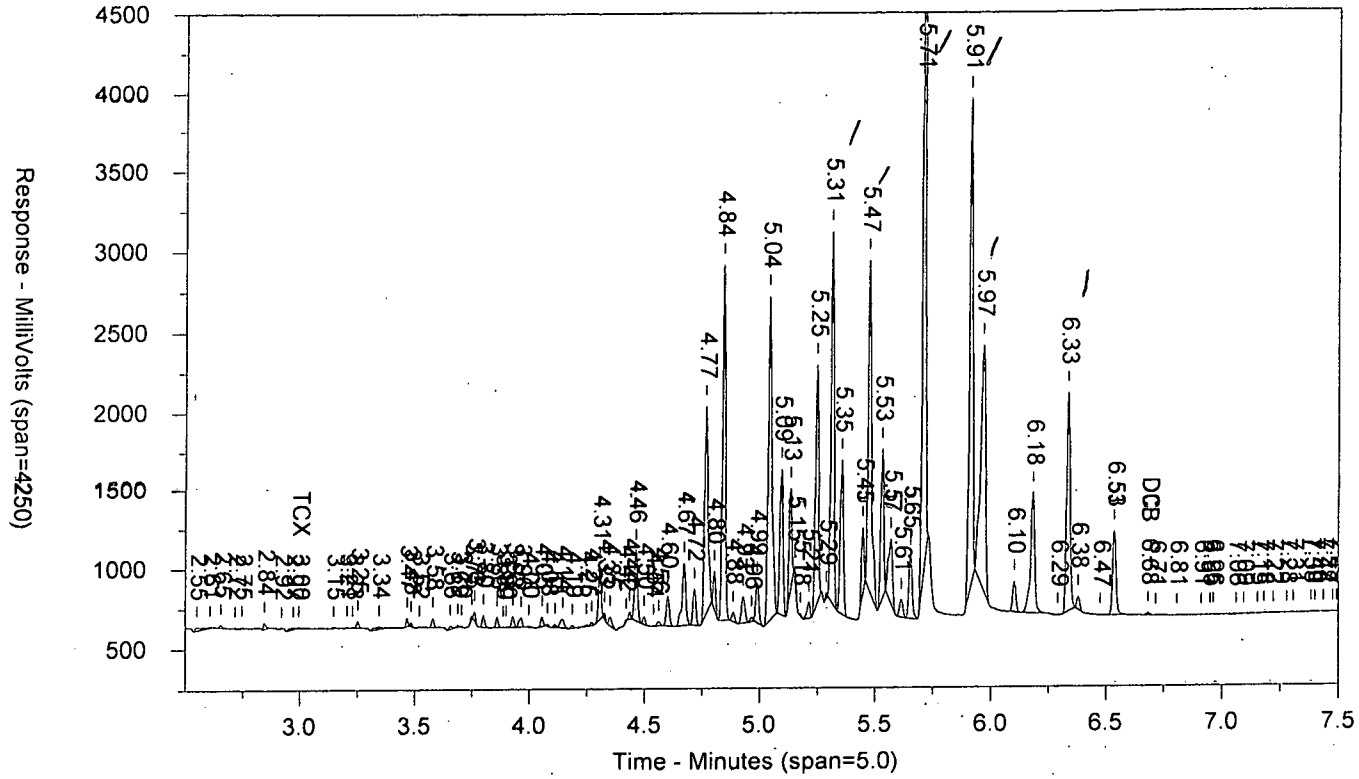

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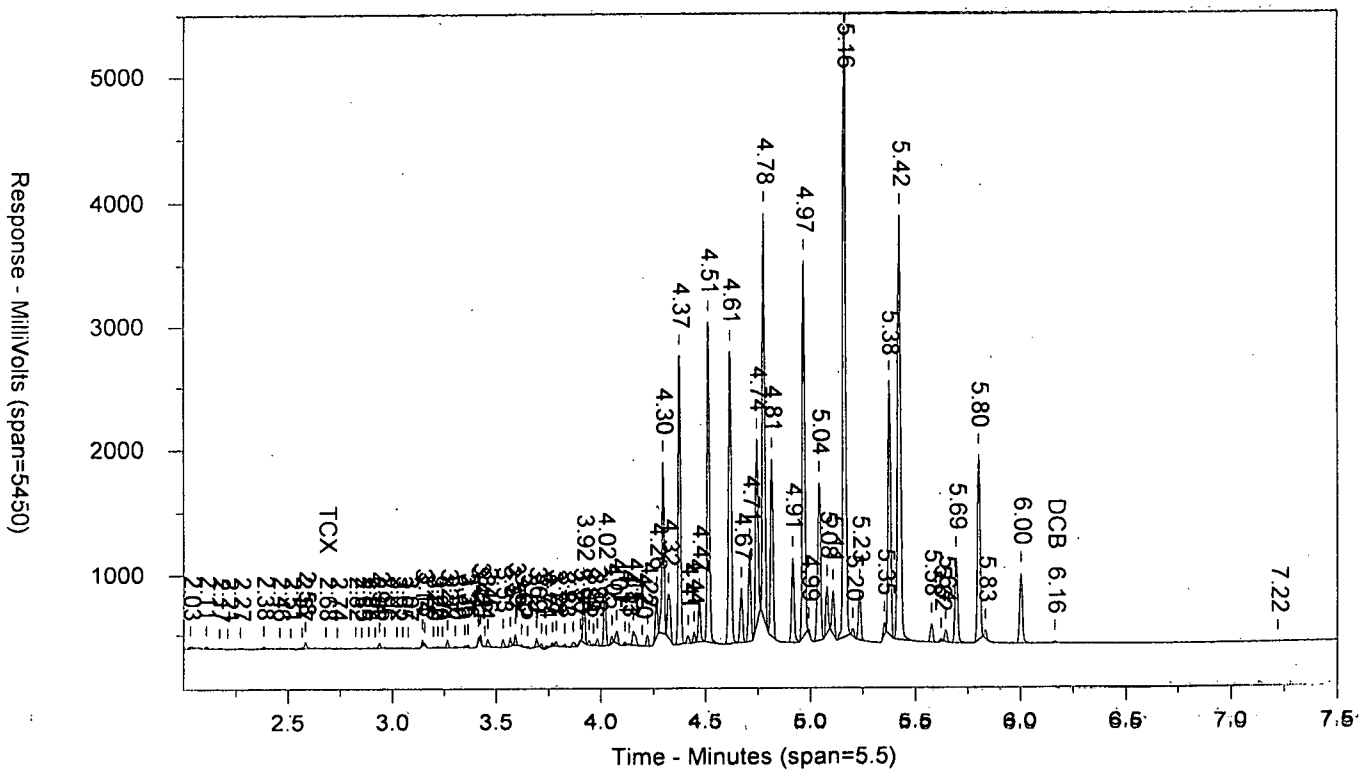

LANCASTER LABORATORIES

Sample Number: AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:59:50 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.996	3425	.009	TCX	2.681	5437	.014	TCX
6.681	13068	.097	DCB	6.159	15661	.098	DCB

Files:
Area File: 07pcbs17250001.0025.RAW
Area File: 07pcbs17250001B.0025.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:08:33 AM
File Reported On: 9/8/2017 at 3:08:46 AM

AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082

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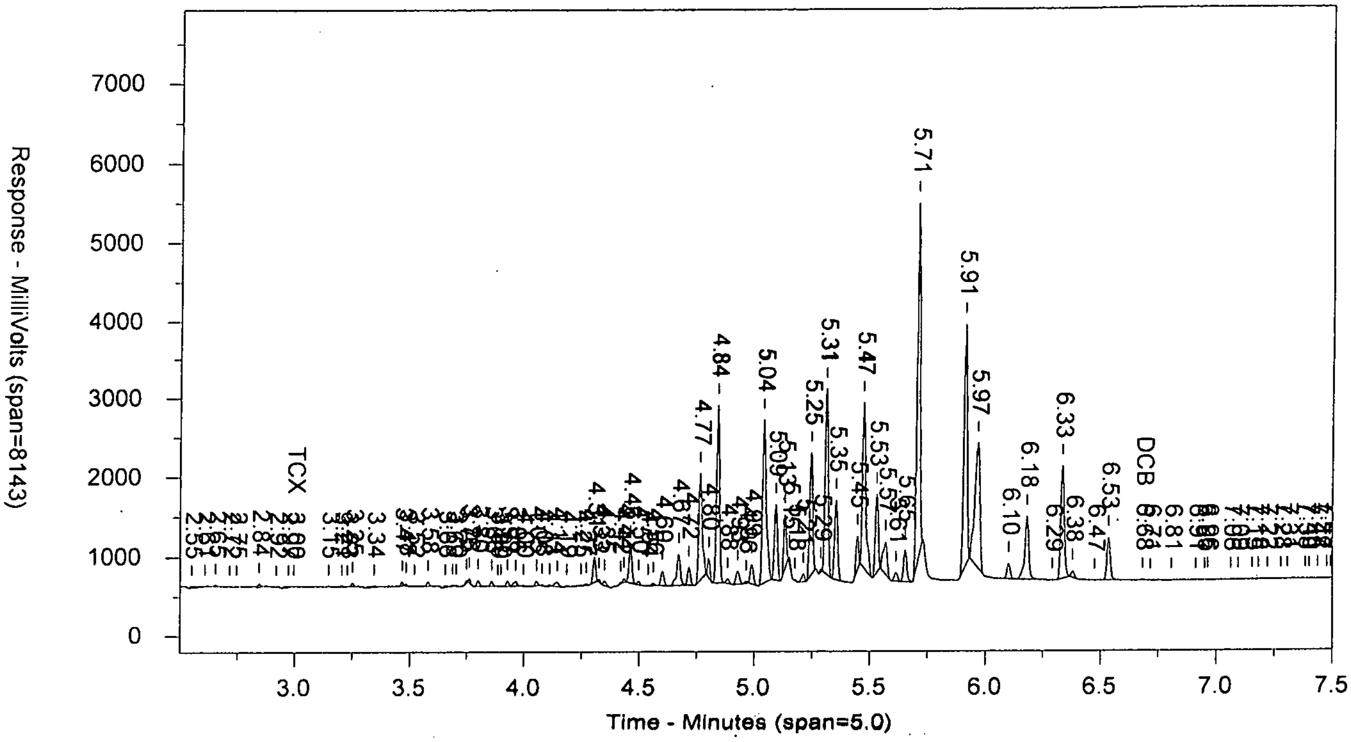

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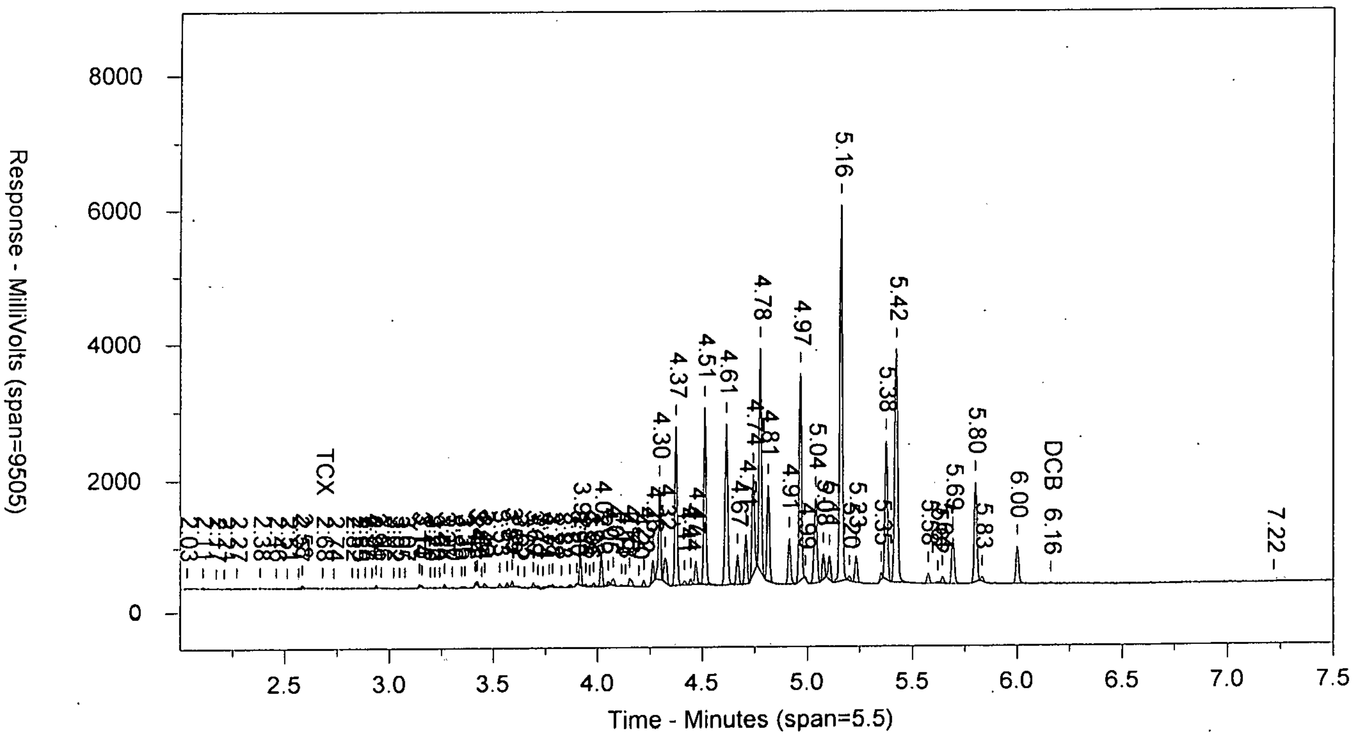

AR6231724A **AAAR623AA** **ICAL 1724999999** **10736** **SW-846 8082**

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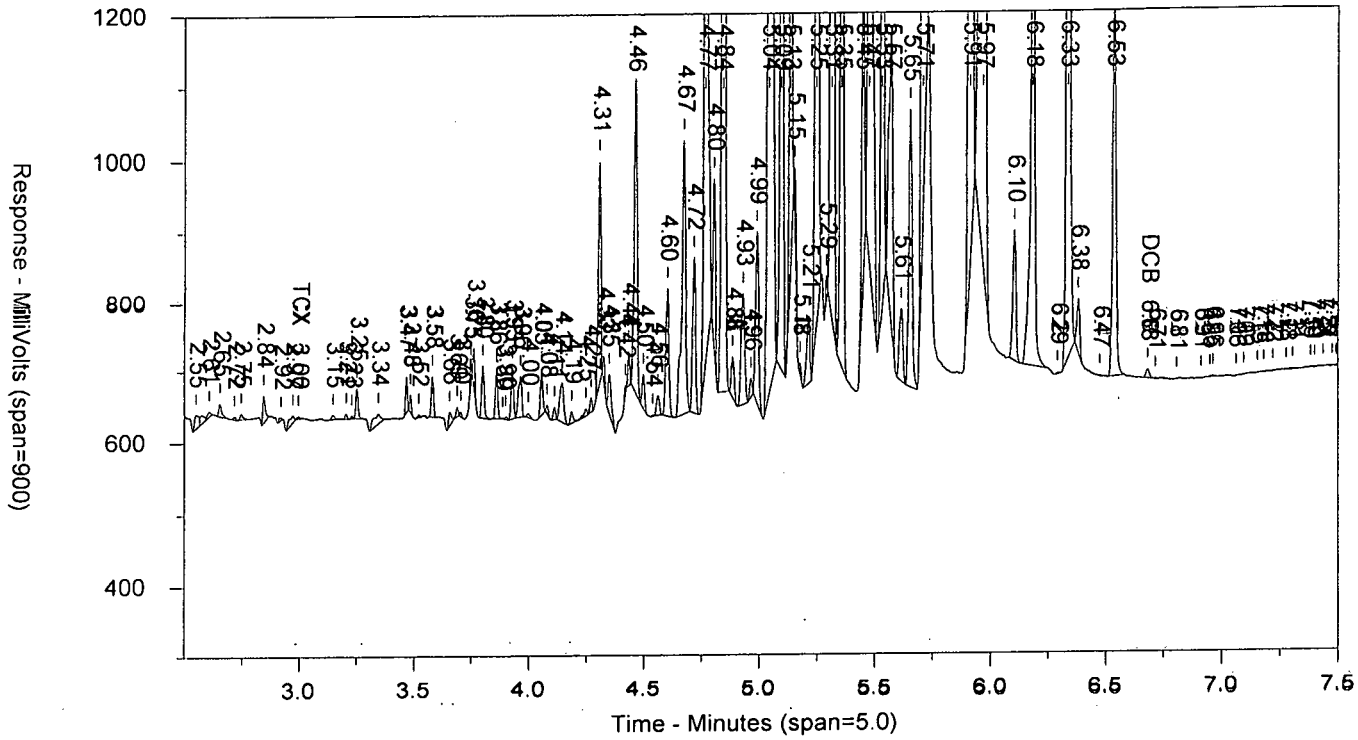

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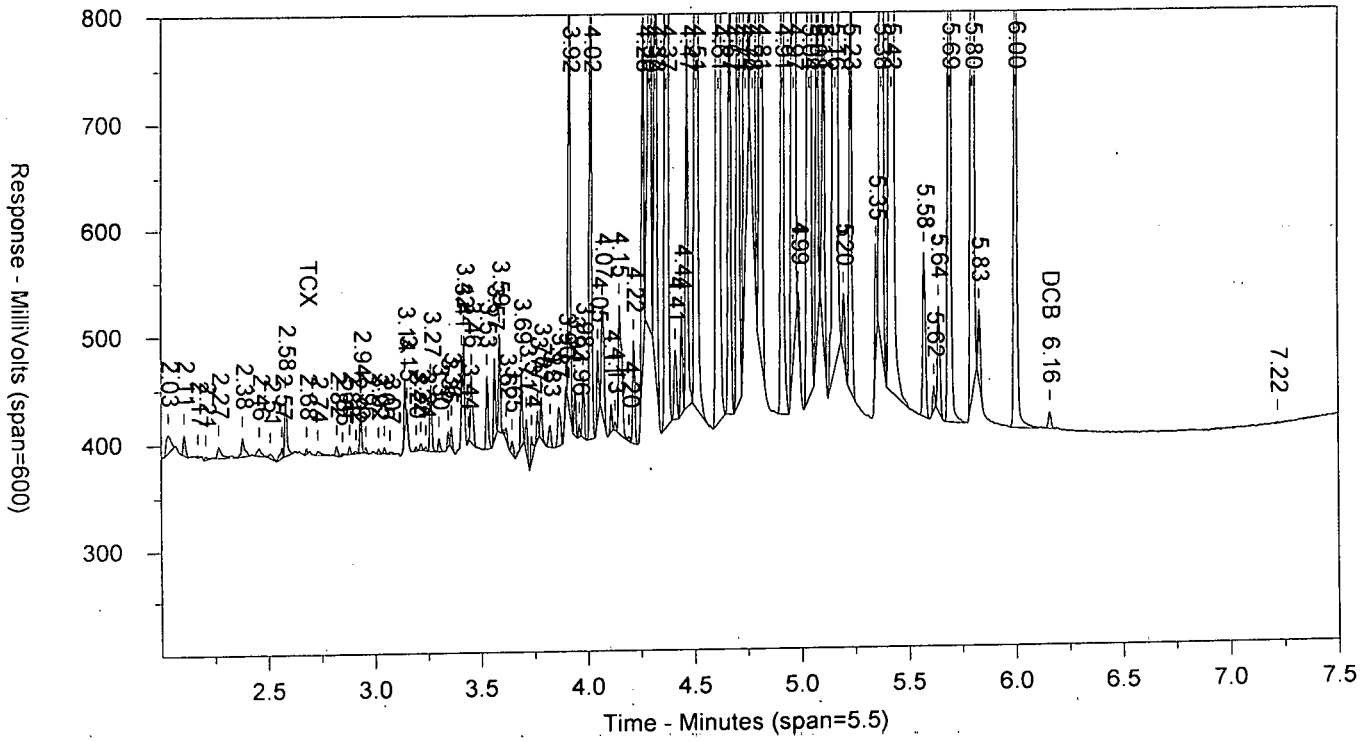

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:11:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0026.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.635		20234	22977
1.667		10076	11462
1.791		5567	5524
1.907		1370	4674
2.033		3818	5581
2.105		17631	26895
2.153		17578	23367
2.391		135981	89661
2.433		7916	7992
2.55		20205	26551
2.608		8098	11507
2.675		3666	2478
2.844		37508	27748
2.916		5018	3428
2.962		6100	9662
3.13		1731	820
3.254		4654	2997
3.342		7520	22730
3.441		3318	1604
3.464		9654	6249
3.58		12359	10103
3.659		9020	8453
3.689		2649	1241
3.748		7889	8312
3.76		13642	7311
3.799		19654	15833
3.859		16094	11583
3.879		1422	765
3.902		2846	2112
3.927		20568	14602
3.954		16774	17429
3.994		6838	8168
4.033		1435	370
4.053		22954	16005
4.078		6631	4713
4.11		9979	6549
4.144		23766	26361
4.185		9592	7256
4.248		11533	8424
4.27		4792	2887
4.301		25908	25689
4.326		34985	24639
4.349		39493	41441
4.41		3112	12176
4.455		29815	24190
4.474		7601	4524
4.498		4577	2928
4.558		13082	11458
4.6		59448	56163
4.652		6750	4109
4.683		9179	11951
4.716		20353	17242
4.764		18026	14681

RT A	Compound A	Height A	Area A
4.799		15330	12106
4.842		39101	34966
4.885		44271	37514
4.927		42444	40050
4.965		69407	78591
5.041		29812	36829
5.092		112673	110271
5.129		19935	16658
5.151		7944	4972
5.205		23254	21015
5.244		54819	49699
5.286		27171	18251
5.311		873870	827750
5.353		93819	77391
5.39		3229	3250
5.445		71673	57122
5.491		1272701	1378680
5.529		25653	15563
5.554		429902	397628
5.61		73755	80170
5.651		29160	36012
5.707		454734	366390
5.73		348429	265141
5.808		3990	3196
5.873		6300	4720
5.91		5591007	5421666
5.966		4834672	5325755
6.1		4639698	4658568
6.163		1218157	1453055
6.294		1096	769
6.332		1429771	1524958
6.377		9592	5703
6.532		9410568	9617264
6.678	DCB	1835717	1882484
6.859		1564	591
6.951		2411	2002
6.996		2878	2700
7.075		2089	884
7.167		1662	536
7.206		877	1188
7.223		1624	396
7.249		1692	350
7.26		1346	457
7.278		1943	953
7.5		1248	623
7.622		1762	942
7.74		1538	632
7.853		1946	492
7.922		1091	478
8.112		1466	469
8.187		1564	282
8.222		1427	671
8.419		1550	447
8.476		1184	416
8.49		1386	446
8.576		1059	338
8.629		1769	582

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:11:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0026.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		5137	5132
1.616		2870	1317
1.761		9574	17081
1.809		5578	12320
1.85		2634	1831
1.902		2026	1468
1.959		141026	92489
2.031		18924	46358
2.152		1641	1652
2.19		4629	5080
2.21		3917	2410
2.243		2088	1290
2.272		10540	10088
2.401		4389	4658
2.448		1802	884
2.511		3130	3968
2.553		6019	7201
2.583		52584	41617
2.739		3370	5179
2.867		1726	3091
2.937		4595	4416
3.022		3462	4071
3.143		9179	4866
3.221		3899	2965
3.265		13323	9638
3.307		4518	3748
3.348		2898	1455
3.363		16762	10680
3.414		10156	4581
3.423		12684	5675
3.457		17528	14595
3.531		18077	11851
3.565		21825	12827
3.589		24200	14339
3.606		4066	1602
3.621		7339	4337
3.668		1380	2326
3.691		28087	18031
3.714		19529	14175
3.739		9857	5353
3.767		5994	3248
3.784		21165	12762
3.826		10020	8697
3.873		15879	16596
3.9		17543	14593
3.918		42251	24498
3.943		35290	21173
3.98		14286	11878
4.018		10057	6359
4.053		31086	23436
4.08		14558	8139
4.114		5060	3086
4.134		7053	3729
4.153		36795	36266

4.197		8150	5145
4.217		9625	5328
4.255		5992	6844
4.282		11540	6388
4.295		10802	5825
4.325		3645	3157
4.374		52143	47089
4.414		44138	32240
4.443		18270	11931
4.466		22199	12822
4.485		56222	36768
4.51		22963	13801
4.615		160122	134078
4.666		40485	33231
4.71		60525	53914
4.744		24773	17961
4.776		1280375	1062801
4.814		111828	83146
4.888		1646	972
4.914		99766	83358
4.965		1718061	1441771
4.991		12924	7567
5.031		481935	440339
5.092		12188	5942
5.109		53183	40723
5.159		634686	538152
5.199		7541	5530
5.233		455813	400585
5.318		3331	2709
5.351		61539	34487
5.375		5833378	4780413
5.423		5593044	4705578
5.575		4676043	3924097
5.644		1138296	997749
5.693		183835	157903
5.8		1603028	1336986
5.923		7514	9268
5.999		11031980	9717112
6.113		4643	2674
6.158	DCB	2137333	1985803
6.332		3563	2554
6.493		4935	4040
7.756		1601	2229
8.287		5724	11156

AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082

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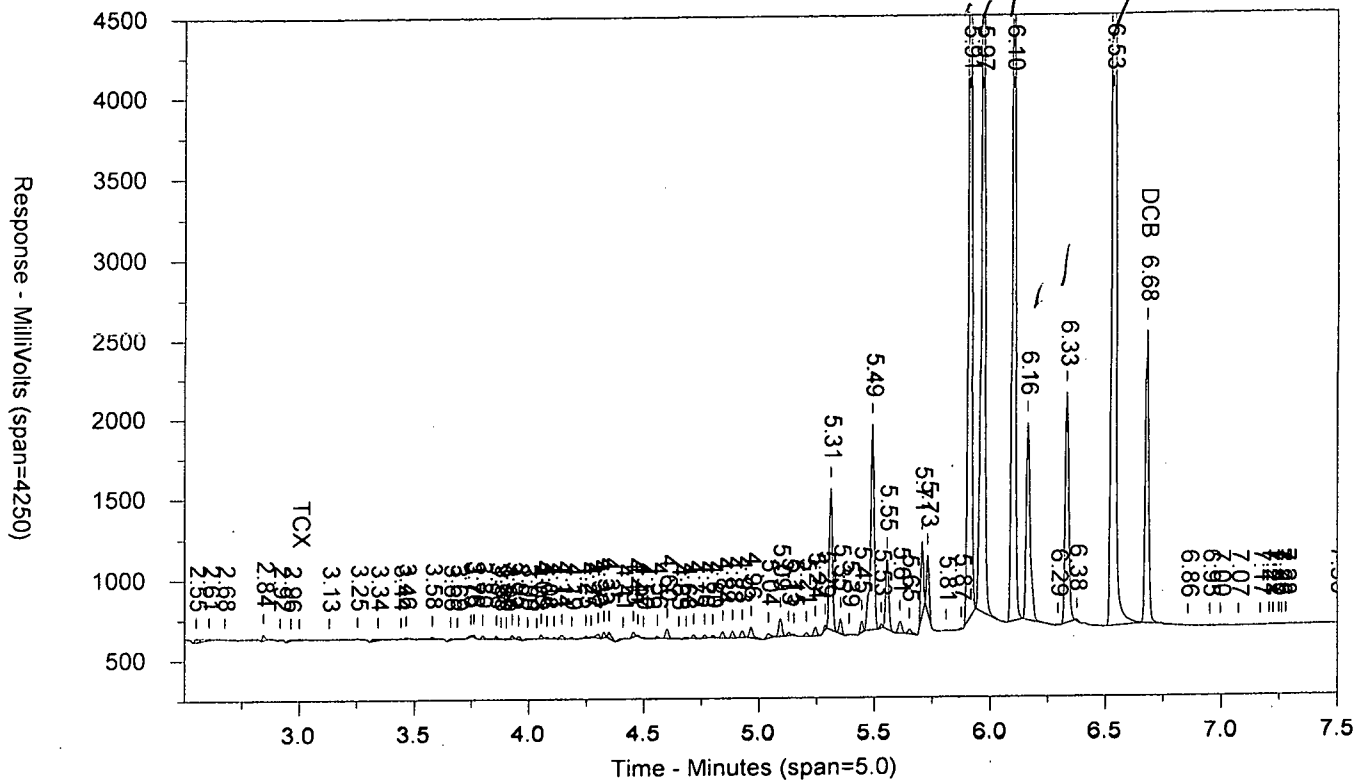

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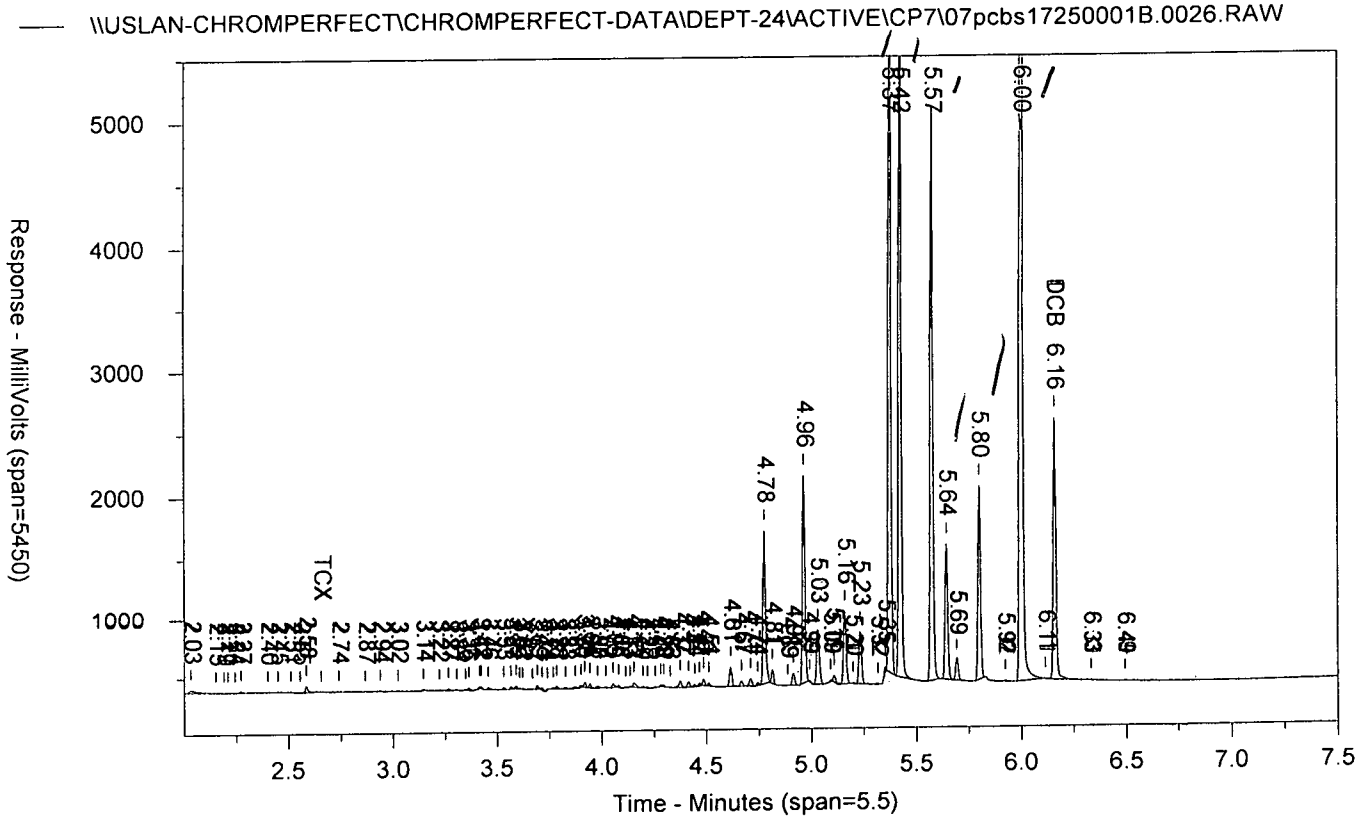

LANCASTER LABORATORIES

Sample Number: AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:11:17 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
6.678	1835717	13.6	DCB	6.158	2137333	13.417	DCB

Files:
Area File: 07pcbs17250001.0026.RAW
Area File: 07pcbs17250001B.0026.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:20:01 AM
File Reported On: 9/8/2017 at 3:20:18 AM

AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082

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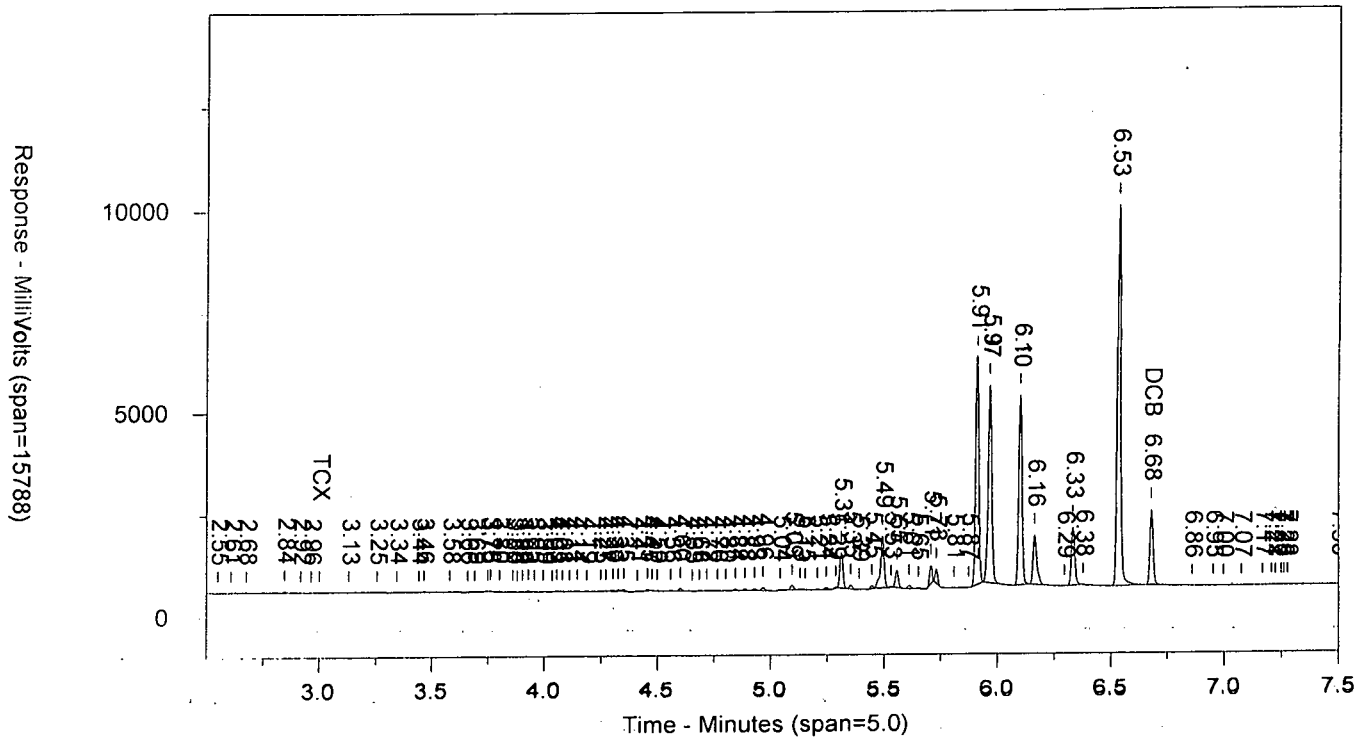

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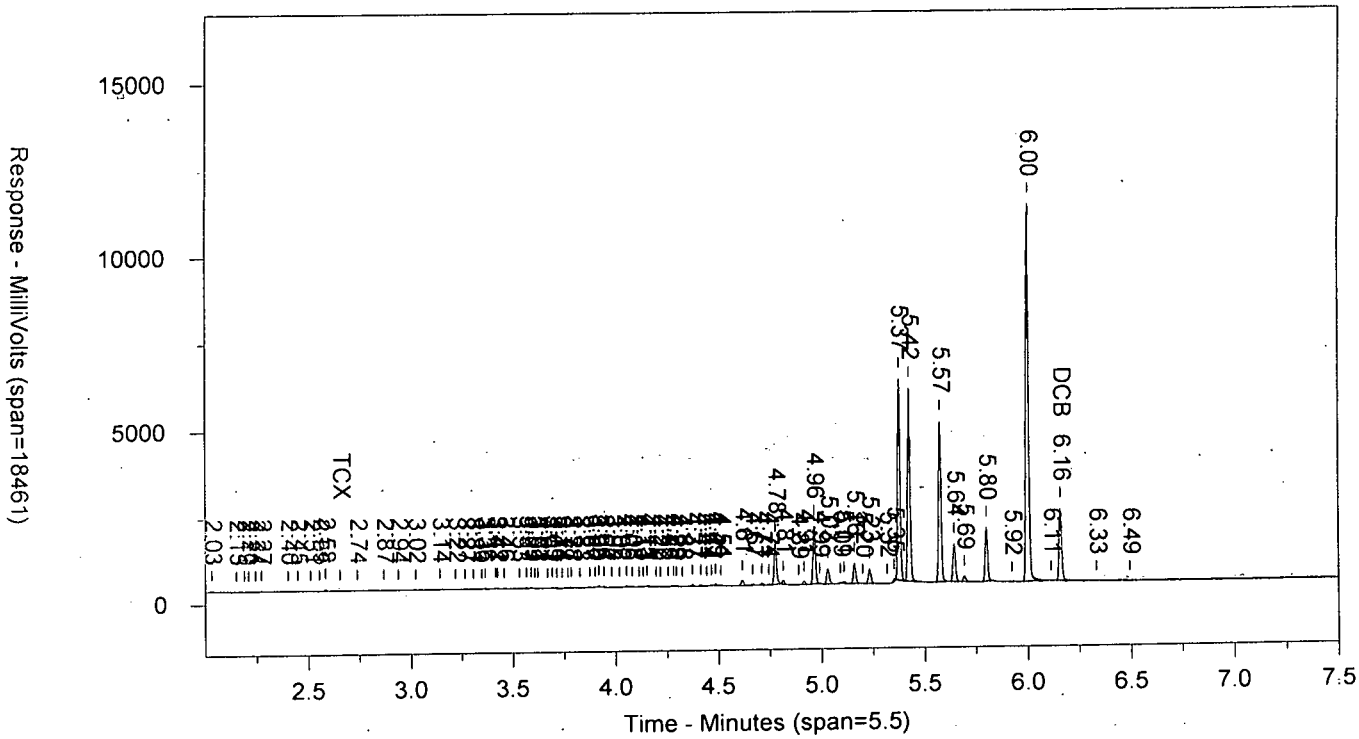

AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082

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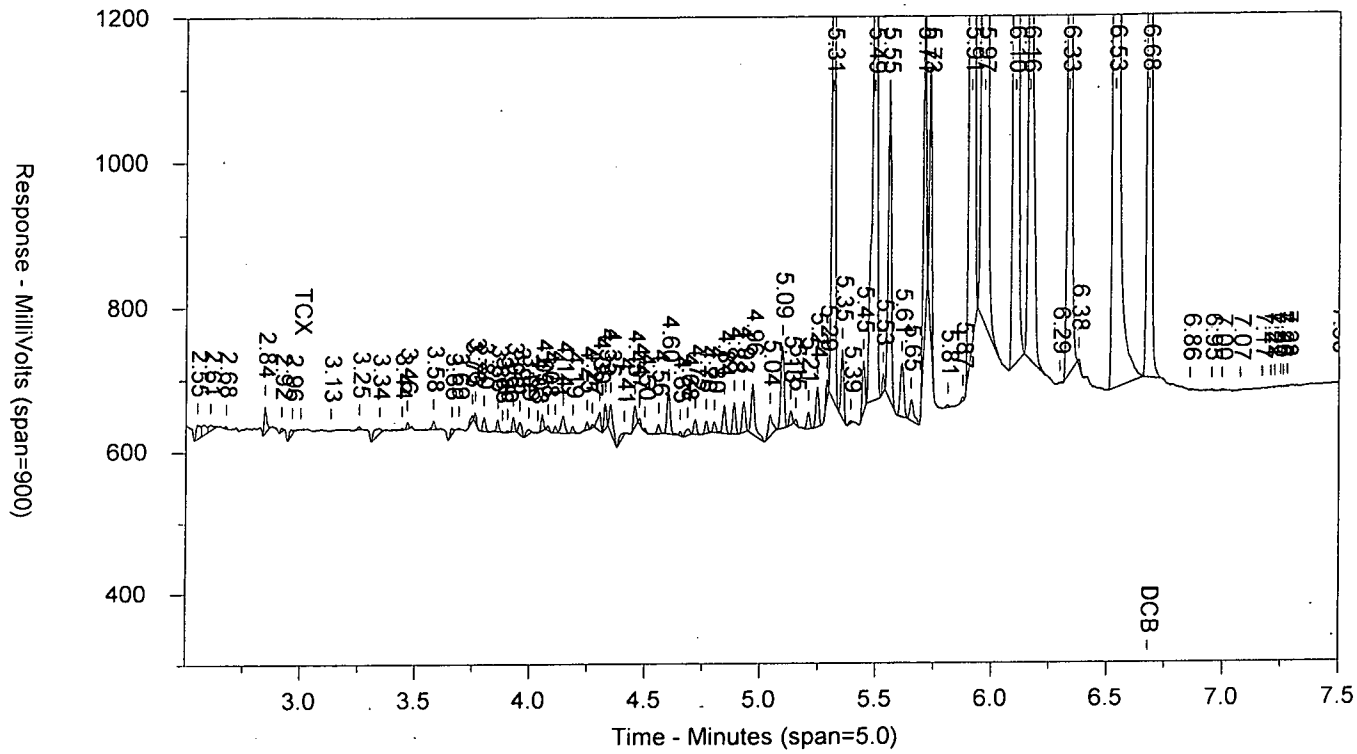

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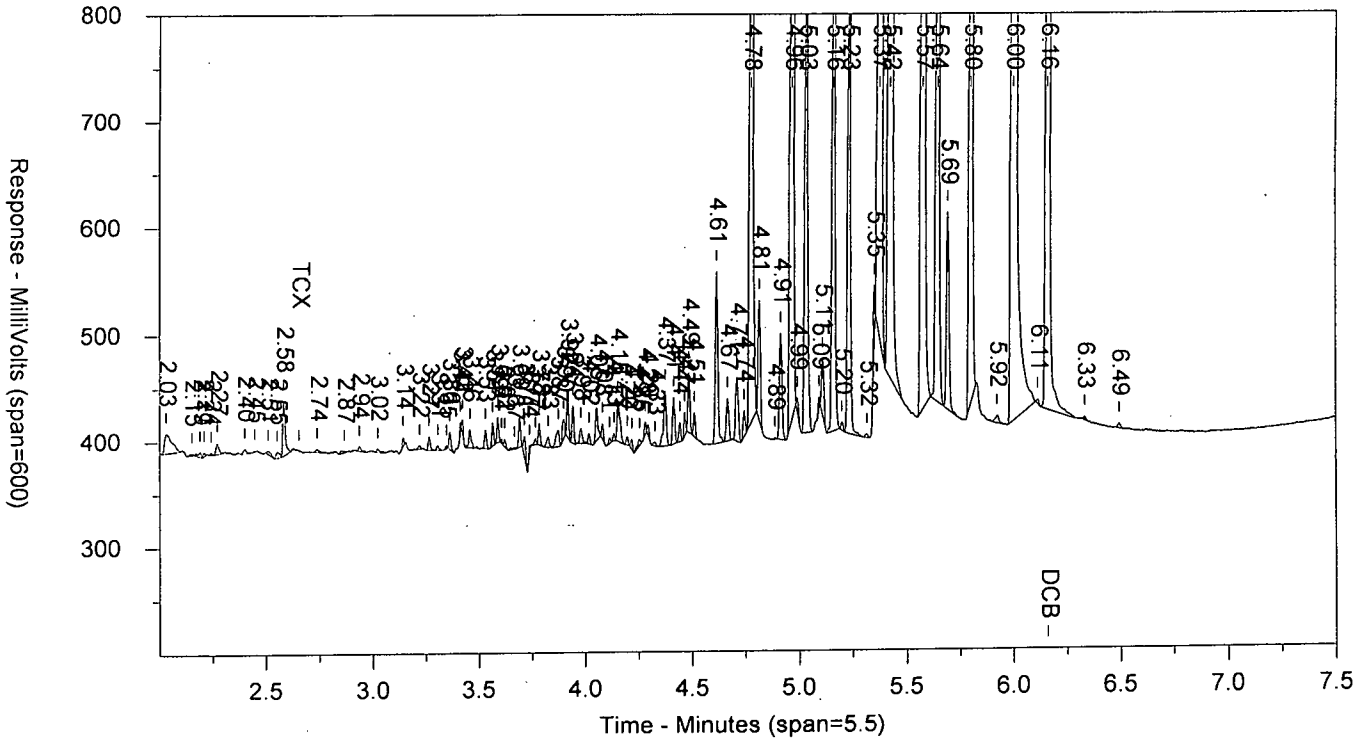

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:22:45 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0027.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		7238	7358
1.789		4470	2492
1.874		2845	2455
2.112		12072	24919
2.151		6428	6874
2.295		87060	76087
2.39		47911	34725
2.404		31736	19411
2.433		7752	8639
2.479		4012	2183
2.55		14672	13742
2.577		13758	14731
2.611		3337	4353
2.635		424474	294029
2.668		5958	4191
2.757		5933	4381
2.845		36948	28620
2.876		2611	1310
2.911		128196	79549
2.954		6292	5577
2.999	TCX	15344910	9728970
3.097		4413	2966
3.148		609085	505468
3.203		557136	454481
3.25		1696944	1166972
3.327		42975	29952
3.344		8538	3509
3.465		93678	54263
3.488		91465	116169
3.519		13699	6787
3.546		221051	151237
3.579		126589	90749
3.655		18339	13303
3.688		33347	18216
3.703		33978	17630
3.73		5171	2953
3.748		47289	27968
3.76		111170	62027
3.799		163129	127037
3.859		105077	77677
3.896		3497	2659
3.927		50272	36875
3.954		26347	23664
3.981		3228	1778
4.053		38796	28667
4.079		11604	7494
4.109		10182	6862
4.144		56329	50386
4.185		8795	6400
4.246		10213	9583
4.305		44080	31989
4.325		38844	23857
4.349		35822	30822

RT A	Compound A	Height A	Area A
4.39		1708	624
4.418		11752	8593
4.46		72338	87705
4.495		19814	13123
4.536		5847	3492
4.563		8583	8048
4.602		22936	20918
4.652		28143	20285
4.684		12892	11491
4.715		78420	67653
4.761		8440	6895
4.801		11793	9855
4.841		28300	26114
4.887		4451	3270
4.929		38366	35062
4.965		26732	20600
5.041		15967	14229
5.054		5598	4251
5.088		5450	5399
5.127		19798	20109
5.205		46139	44441
5.245		26743	24692
5.31		3807	3402
5.348		7721	7768
5.391		4293	6306
5.449		6819	5776
5.473		3418	1802
5.504		1645	361
5.557		5098	7285
5.607		39461	38175
5.648		3271	2430
5.729		110602	129196
5.813		1809	960
5.824		1304	293
5.862		1329	1867
5.908		13936	14223
5.957		11331	20311
6.021		1749	4870
6.1		189683	189087
6.162		221245	268280
6.299		1996	3048
6.332		6469	6012
6.462		1480	1258
6.531		105600	106010
6.6		1043	417
6.678	DCB	5015175	5288465
6.885		1245	452
6.956		1654	390
7.019		1478	1186
7.046		1347	412
7.06		1724	769
7.068		1938	492
7.138		2414	1562
7.163		1860	837
7.237		1674	645
7.278		1256	1204
7.382		1080	431
7.459		1771	543
7.526		1512	448
7.569		1917	926
7.62		1257	292
7.652		1396	554
7.714		1718	346
7.738		1446	863
7.832		2007	1579
7.953		1708	494

RT A	Compound A	Height A	Area A
7.976		2766	1247
8.038		1437	846
8.077		1733	658
8.188		2265	442
8.197		1315	678
8.26		2006	435
8.288		2212	833
8.524		1817	535
8.669		974	336

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:22:45 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0027.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.571		4410	6584
1.588		7356	6564
1.616		2204	2479
1.668		6016	10308
1.763		6696	6904
1.821		604	1757
1.849		1940	1182
1.869		7449	6724
1.966		90450	100102
2.031		20753	43270
2.073		9766	7049
2.092		25261	15539
2.174		10933	11943
2.225		1781	1866
2.271		18156	16413
2.337		468342	312847
2.367		7887	4652
2.423		1693	1526
2.462		11270	9759
2.512		8814	18652
2.559		17311	20824
2.583		42141	27568
2.609		160612	100683
2.653	TCX	16773460	9687905
2.694		185300	154400
2.736		6297	5408
2.823		733034	489212
2.87		134908	61052
2.884		459804	245112
2.936		1807417	1136059
2.987		44582	28826
3.047		16533	10429
3.077		3880	3078
3.126		3641	1627
3.144		84719	39467
3.155		20439	6463
3.164		43474	16846
3.186		71161	50077
3.216		17765	10657
3.241		243426	145091
3.265		133966	82344
3.302		11997	7734
3.329		7995	3556
3.348		42998	21375
3.363		44529	22154
3.39		3339	1407
3.413		50320	26312
3.423		134253	59041
3.456		147096	115513
3.529		123756	79531
3.564		56298	33985
3.588		37097	19874
3.605		7854	3702
3.647		5890	5071

3.676		3218	2183
3.69		48887	29346
3.713		17638	10243
3.736		13190	8681
3.765		8488	3979
3.784		59878	38959
3.824		10600	7024
3.878		5951	3456
3.895		19131	10639
3.916		103329	67072
3.942		32946	19913
3.961		5716	2554
3.98		24151	16214
4.016		66277	43054
4.05		28237	17397
4.066		13633	14337
4.113		10790	12559
4.162		20929	15637
4.195		5253	3518
4.22		47221	32326
4.254		12423	9203
4.281		80148	62554
4.319		6336	6045
4.373		40538	35140
4.41		6130	4858
4.443		42035	29137
4.466		5617	2969
4.485		23128	14672
4.511		26920	20699
4.612		24446	23093
4.636		3602	2072
4.663		23205	19410
4.715		51218	38769
4.742		36236	30580
4.776		2290	1297
4.81		3287	2690
4.888		2136	1737
4.919		2571	4108
4.965		9262	7116
4.989		9428	6719
5.032		8451	9528
5.11		40216	36690
5.137		2247	1093
5.159		7776	5368
5.232		107837	87927
5.349		2211	1293
5.374		6561	5565
5.422		11844	12190
5.575		155635	135419
5.642		187731	158051
5.691		38200	34071
5.798		5150	4360
5.999		115196	97267
6.03		2505	2763
6.158	DCB	6062785	5631331
6.606		3824	3635
6.921		887	914
8.203		5323	8607

AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082

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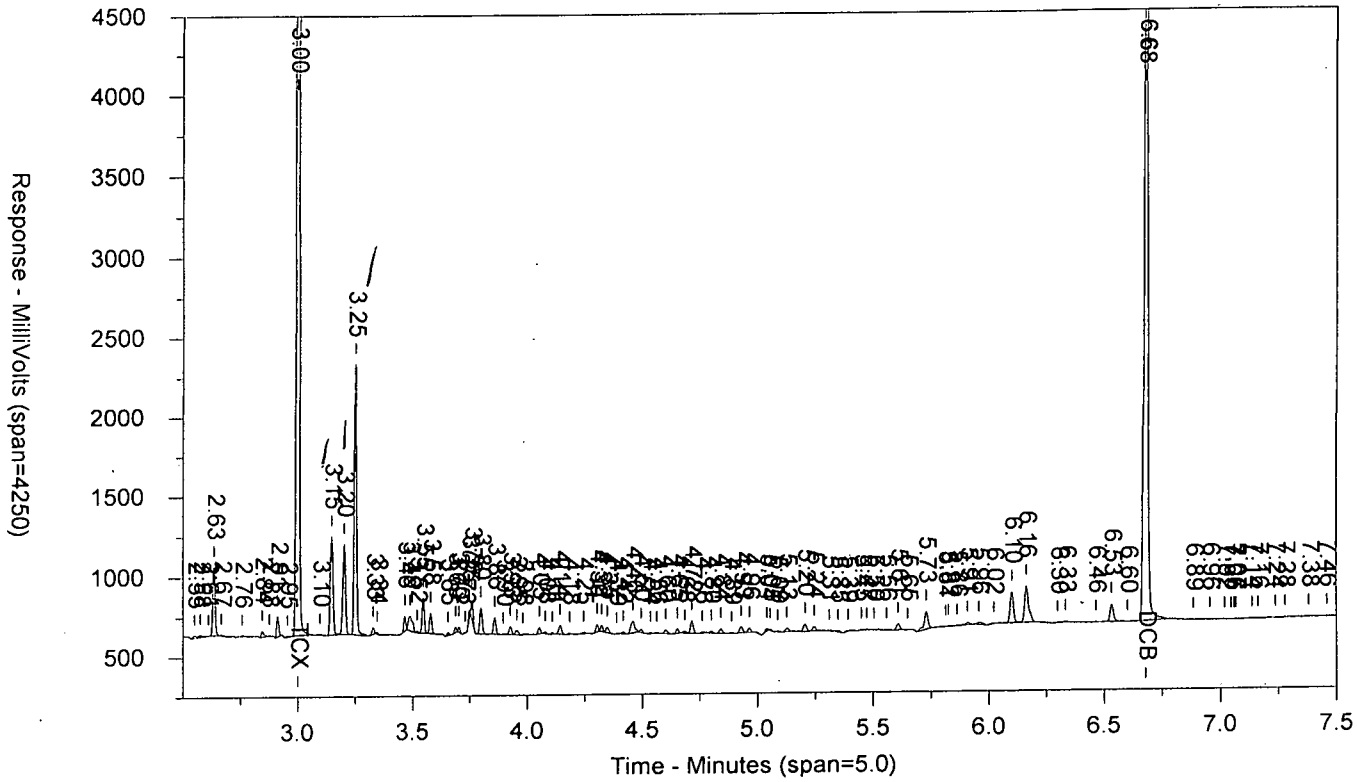

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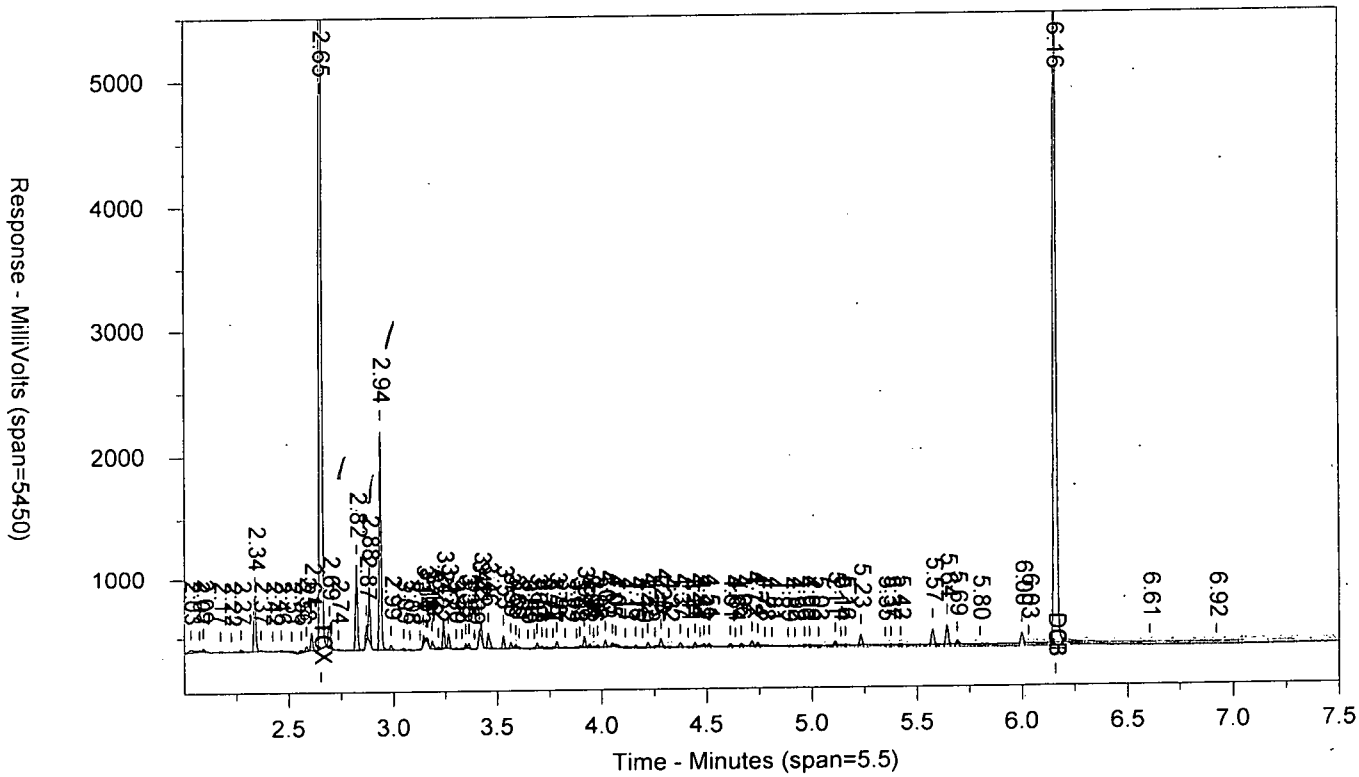

LANCASTER LABORATORIES

Sample Number: AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:22:45 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	15344910	40.541	TCX	2.653	16773460	43.161	TCX
6.678	5015175	37.155	DCB	6.158	6062785	38.058	DCB

Files:
Area File: 07pcbs17250001.0027.RAW
Area File: 07pcbs17250001B.0027.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:31:28 AM
File Reported On: 9/8/2017 at 3:31:44 AM

AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082

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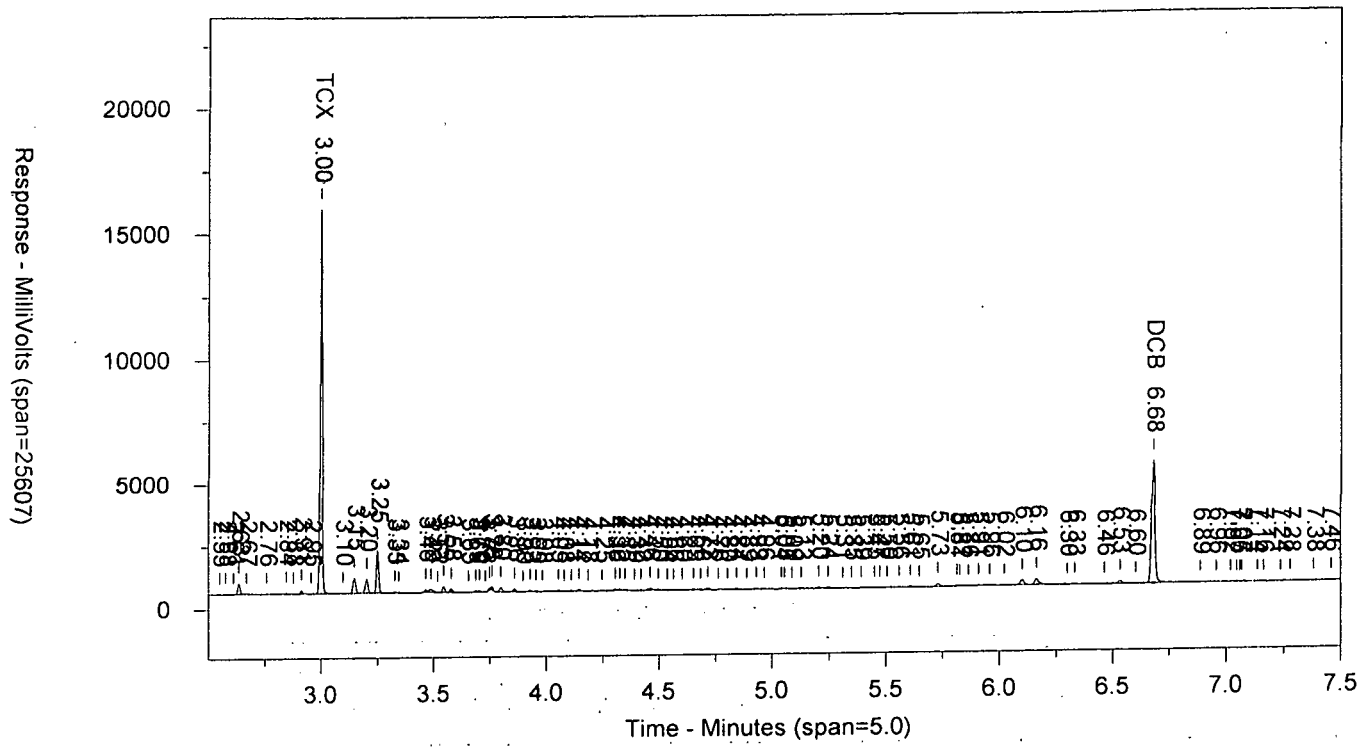

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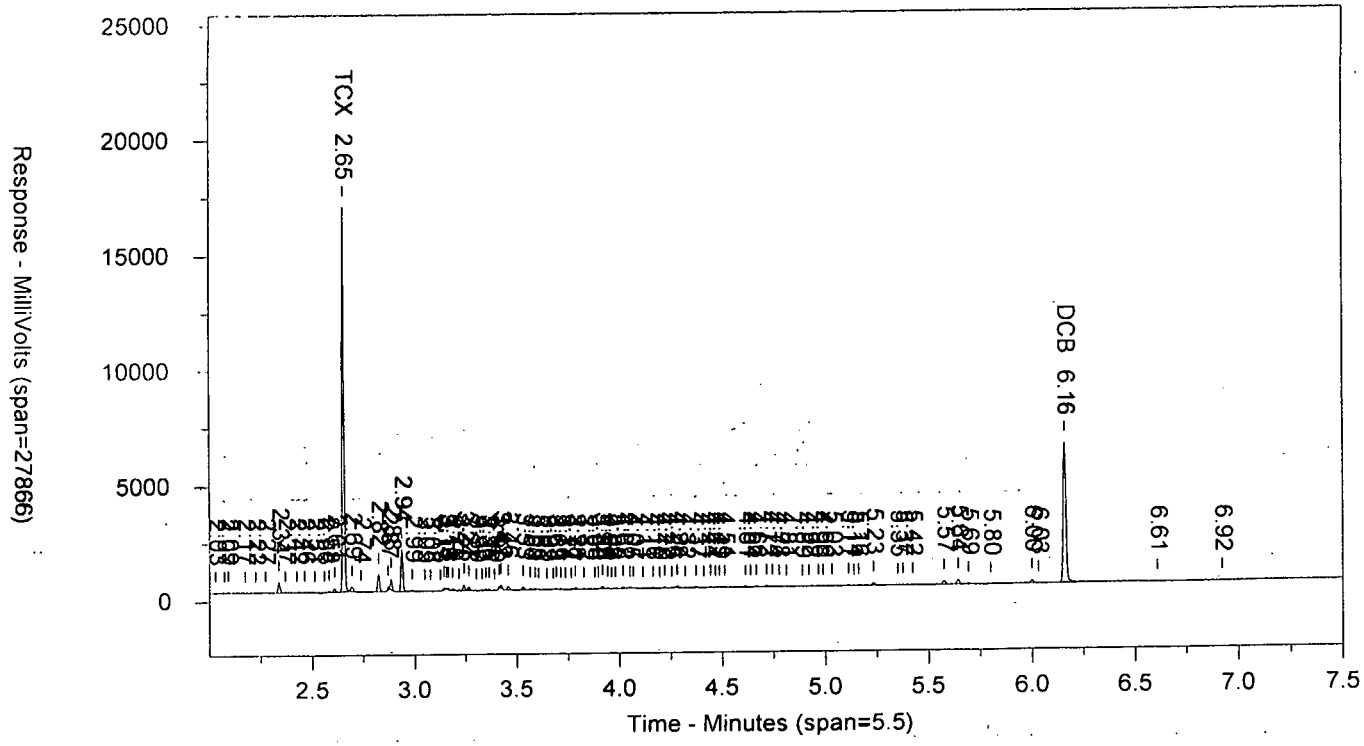

AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082

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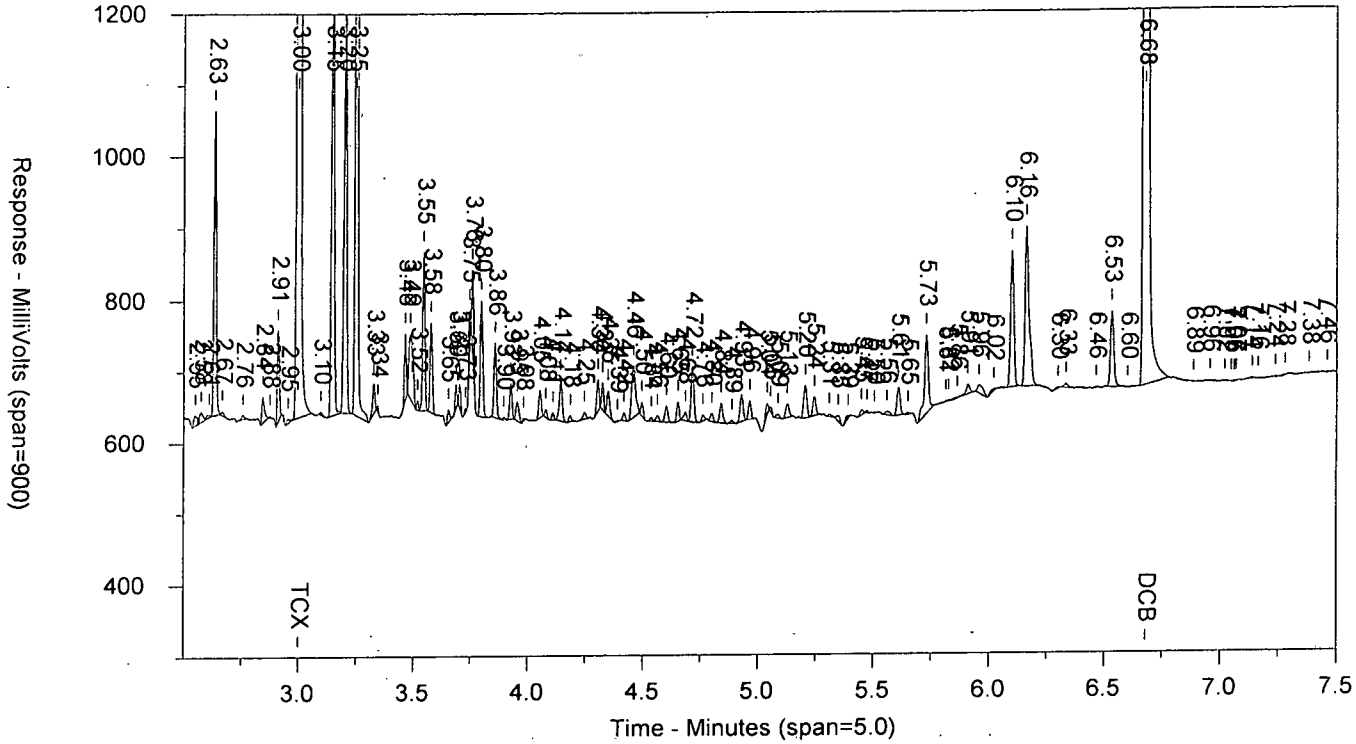

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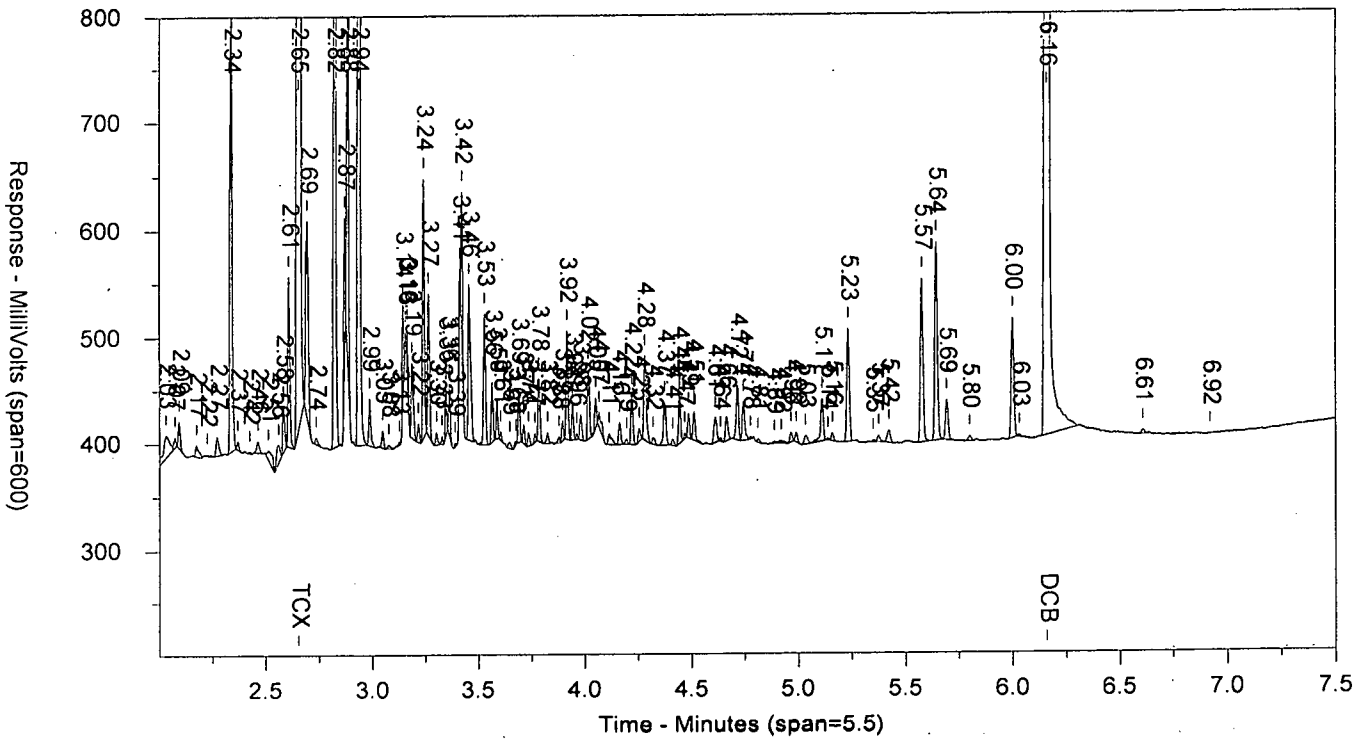

LANCASTER LABORATORIES

Sample Number: AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:34:14 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0028.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.544		4067	2873
1.595		11036	19885
1.636		25785	32304
1.667		9330	15151
1.791		4604	2981
1.931		2672	1385
2.042		8266	19695
2.121		17648	56450
2.151		21881	31831
2.295		89076	79916
2.391		72583	50725
2.404		34001	20949
2.434		8145	9373
2.552		25667	24929
2.576		17030	22890
2.607		7667	11184
2.635		285555	201091
2.758		1706	2783
2.774		3871	1648
2.845		48142	38620
2.878		4013	2299
2.912		93760	77241
2.962		10915	17940
2.999	TCX	15889280	10079040
3.148		478715	401238
3.203		487100	413948
3.251		1547194	1104831
3.328		36333	25694
3.344		77730	43949
3.382		2133	1561
3.424		2271	1159
3.466		646069	387805
3.483		325816	184594
3.519		84257	46460
3.547		166323	122239
3.58		774145	566538
3.615		4557	2138
3.633		15584	9638
3.656		50463	35371
3.689		188301	107603
3.704		107701	55194
3.749		402280	221233
3.76		726204	382380
3.799		906247	700240
3.858		758920	562639
3.9		62415	41552
3.928		456206	331804
3.955		349616	297750
3.978		96261	50557
4.053		519271	375923
4.079		193895	132031
4.11		220396	159033
4.144		586423	563152

RT A	Compound A	Height A	Area A
4.184		191212	153155
4.232		33473	23178
4.271		48071	35858
4.304		321547	218635
4.325		465347	303284
4.348		545363	420620
4.388		1553	489
4.407		13335	8426
4.418		11818	7857
4.455		349472	274172
4.476		175680	109320
4.496		57111	35226
4.538		4194	2847
4.561		17939	13469
4.602		93500	81498
4.653		104376	80490
4.685		78449	60749
4.715		194487	173610
4.763		8842	6318
4.799		96619	92317
4.841		24751	27013
4.888		18160	16321
4.93		114896	108829
4.965		23835	18788
5.041		18601	16765
5.055		4906	3285
5.092		4649	4111
5.128		94418	100053
5.206		44272	42770
5.246		26331	23013
5.285		2257	595
5.309		7901	6984
5.348		6796	5543
5.393		3691	7022
5.451		5132	4287
5.472		8253	5933
5.524		5352	3554
5.553		2279	1087
5.607		41080	41561
5.649		9085	21956
5.708		13641	10232
5.73		100613	88096
5.854		888	1203
5.86		1836	697
5.911		19078	19008
5.957		15364	29532
6.023		4421	10043
6.04		1294	478
6.058		1513	557
6.099		195227	194925
6.162		225094	279136
6.306		2295	4152
6.331		7678	7301
6.371		2057	1826
6.501		1530	1001
6.531		104194	109869
6.612		1163	275
6.678	DCB	5255366	5346365
6.81		2186	961
6.876		1340	419
6.93		1512	444
6.948		1913	1413
6.997		2244	836
7.078		1286	1142
7.127		1881	396
7.289		1865	555

RT A	Compound A	Height A	Area A
7.425		1870	514
7.479		1621	1034
7.527		1671	898
7.623		2152	443
7.917		2109	500
8.065		1313	751
8.148		1698	917
8.182		1492	392
8.262		1508	452
8.285		1508	877
8.368		2237	796
8.412		2046	1809

LANCASTER LABORATORIES

Sample Number: AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:34:14 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0028.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.554		2132	1231
1.589		4691	4046
1.658		2114	3326
1.761		10240	14543
1.808		9056	20992
1.849		4188	2674
1.925		2835	4595
1.965		96484	105223
2.033		19246	42992
2.092		29422	20627
2.192		8613	7287
2.211		2239	1198
2.244		2233	1171
2.271		9522	9131
2.337		310514	213818
2.458		4418	6885
2.513		4272	6316
2.562		8023	10072
2.583		63111	42283
2.609		100938	61080
2.653	TCX	16517400	10054140
2.695		164540	135661
2.824		578281	385742
2.851		3228	1545
2.871		136563	62180
2.884		363113	194370
2.936		1650608	1044321
2.987		43465	26687
3.047		99358	59695
3.143		866316	868796
3.195		116470	86994
3.216		57719	33542
3.242		196329	109716
3.265		837906	543266
3.302		42946	26092
3.329		25026	12184
3.348		222588	115153
3.363		142513	70706
3.413		399679	192520
3.423		836506	377042
3.443		30619	10617
3.456		851850	589376
3.53		853155	536048
3.565		524471	320579
3.588		591234	325773
3.606		189820	98332
3.648		3685	2996
3.691		681921	449181
3.714		286449	154867
3.736		247415	149786
3.766		160886	84694
3.784		586528	367773
3.825		219583	163141
3.874		42376	27518

3.895		368648	229345
3.917		771458	473116
3.942		646967	410762
3.961		26651	11002
3.981		35716	20597
4.001		15337	7294
4.017		139905	87640
4.053		424237	306648
4.081		291919	173772
4.127		20043	17571
4.163		83969	64398
4.196		3900	2129
4.22		139162	102554
4.253		83721	58604
4.281		204682	155137
4.319		6046	5809
4.36		15157	8702
4.375		77988	51486
4.411		23706	17345
4.443		126417	94293
4.467		3660	1810
4.486		21835	14408
4.51		23402	14926
4.537		10559	7126
4.612		28695	28111
4.663		121083	94207
4.715		48139	37867
4.742		34039	28193
4.775		7686	7629
4.814		6625	5423
4.889		4747	3378
4.965		14163	10608
4.989		8941	7025
5.035		10767	13053
5.075		3532	2229
5.111		39599	31005
5.136		2785	1594
5.159		20078	16794
5.233		111264	98794
5.35		1940	1373
5.376		7016	5801
5.42		19206	21399
5.575		162231	137079
5.643		189648	165586
5.692		42238	36928
5.799		6862	5848
5.949		2029	1869
5.999		117022	98481
6.158	DCB	6102004	5727556
6.605		4743	4378
6.714		1361	1755
8.292		5686	9057

AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082

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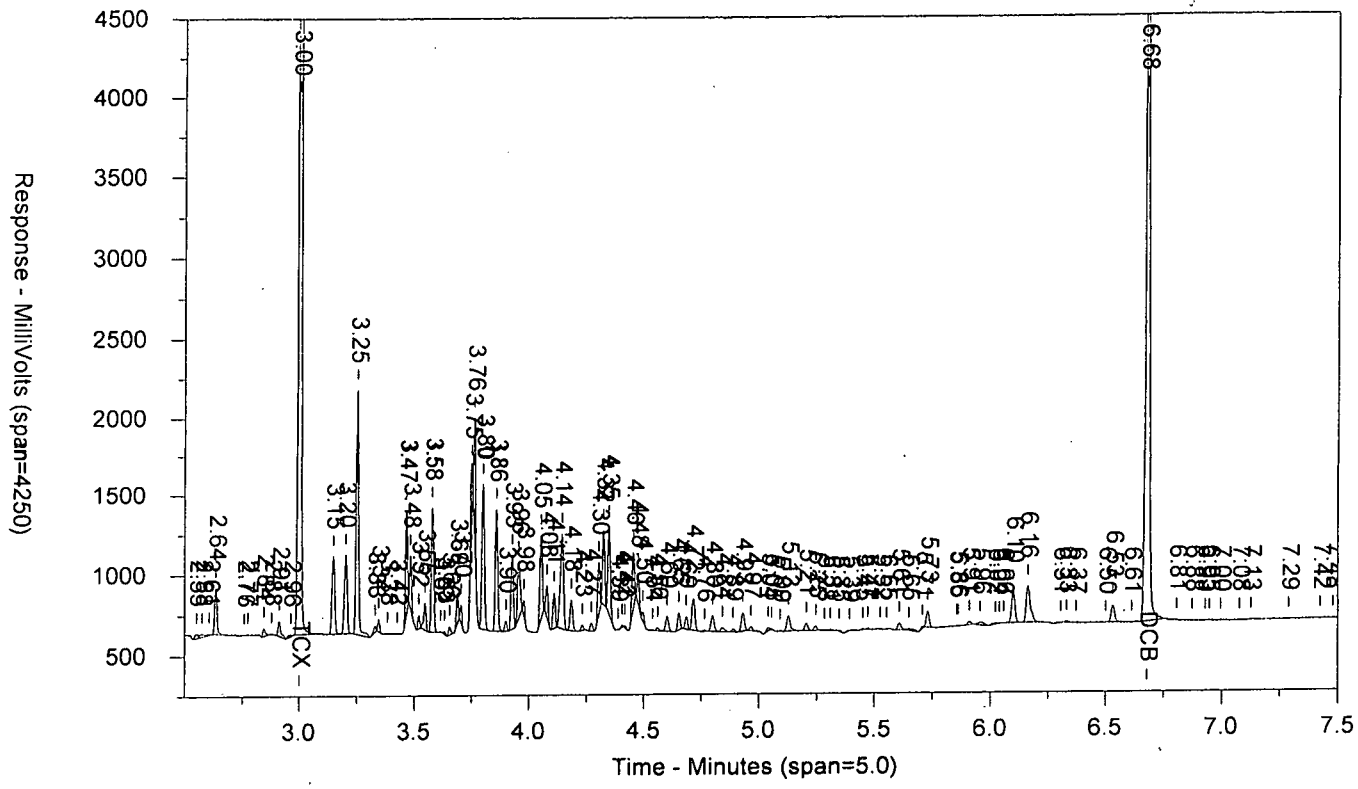

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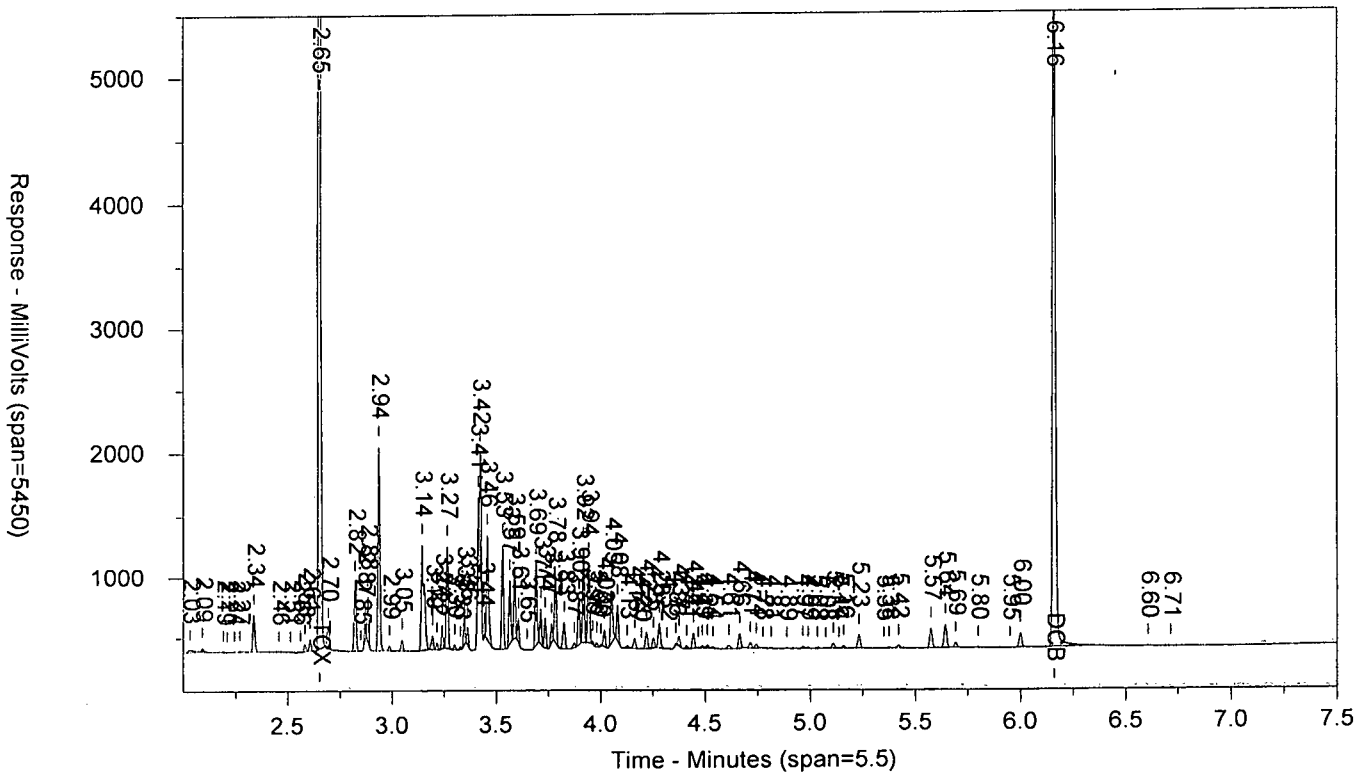

LANCASTER LABORATORIES

Sample Number: AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:34:14 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	15889280	41.979	TCX	2.653	16517400	42.502	TCX
6.678	5255366	38.935	DCB	6.158	6102004	38.304	DCB

Files:
Area File: 07pcbs17250001.0028.RAW
Area File: 07pcbs17250001B.0028.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:42:56 AM
File Reported On: 9/8/2017 at 3:43:08 AM

AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082

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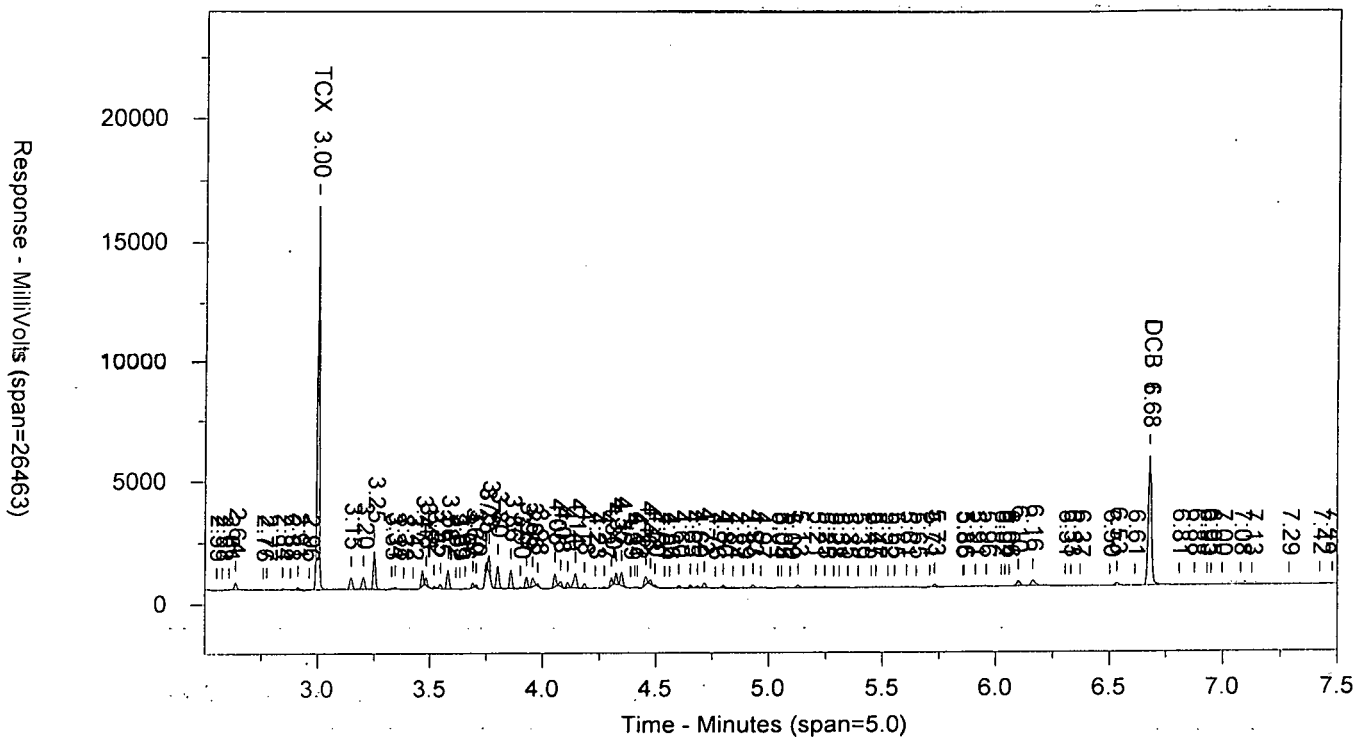

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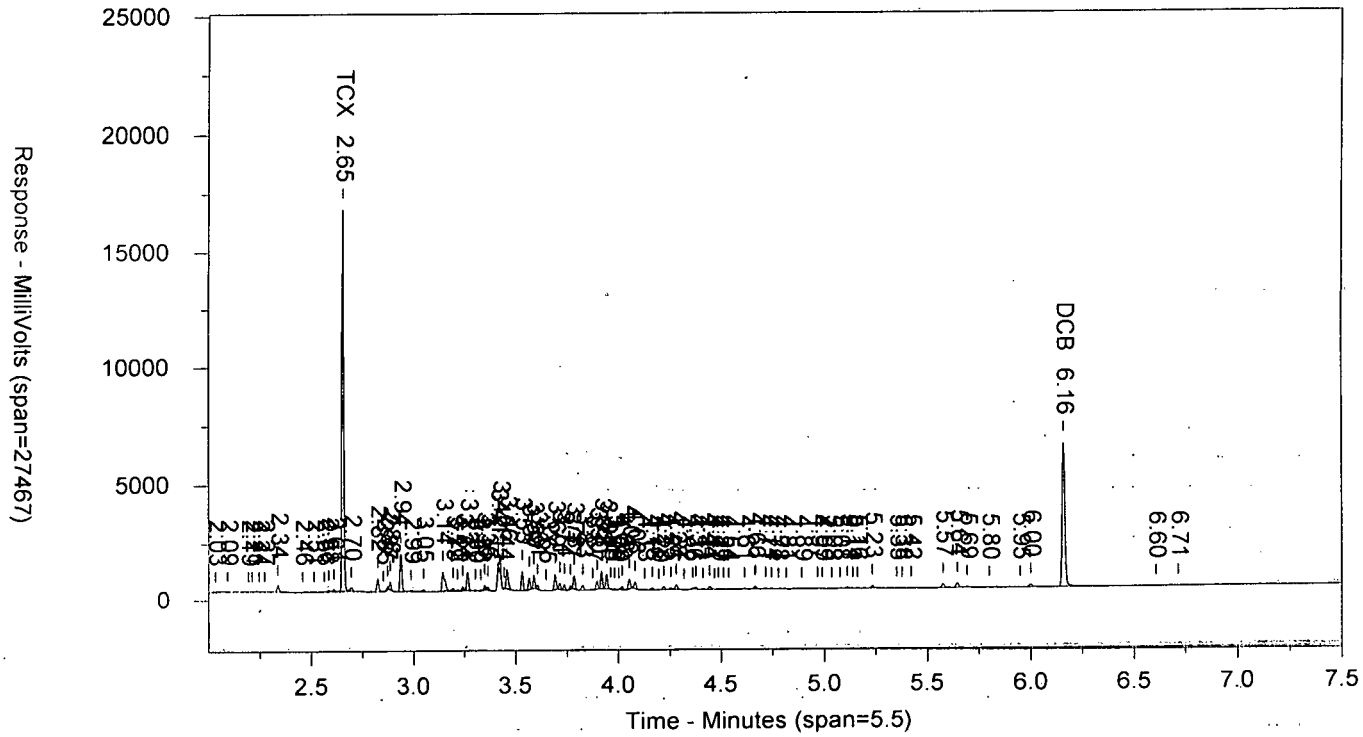

AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082

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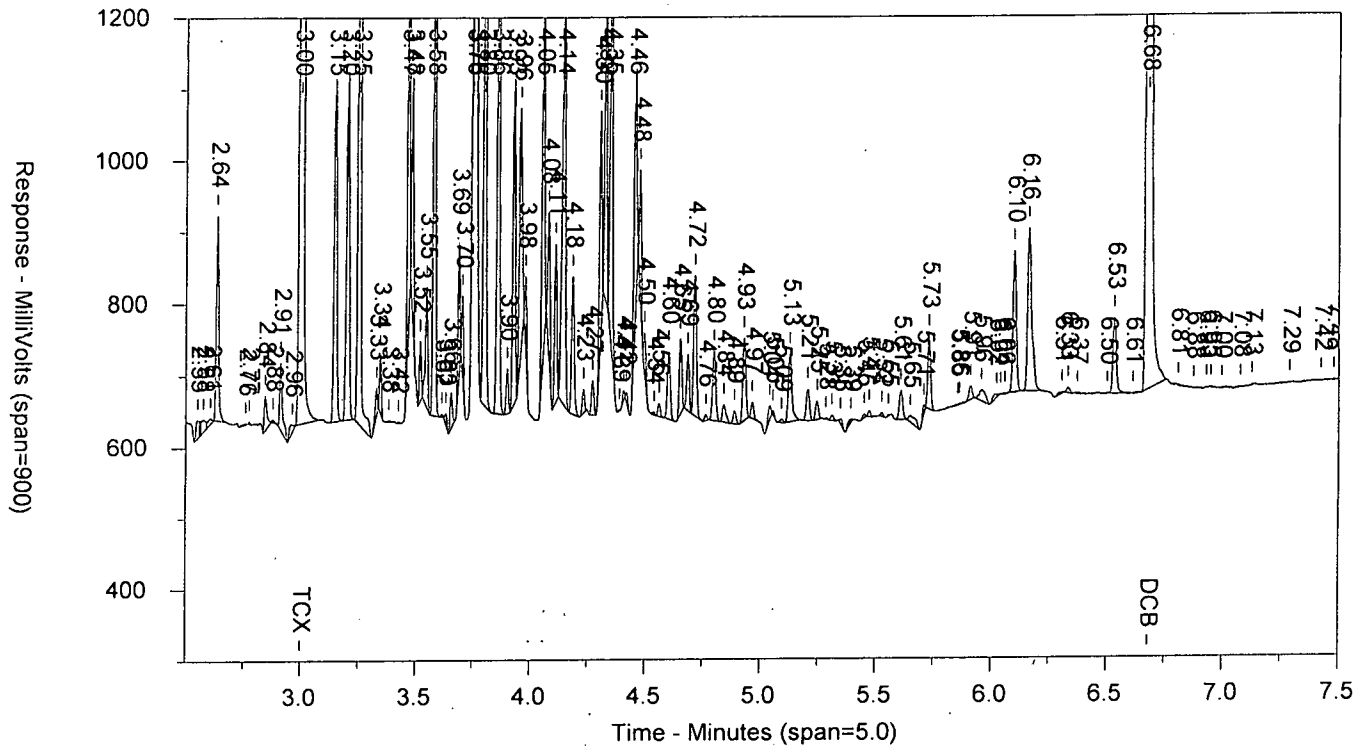

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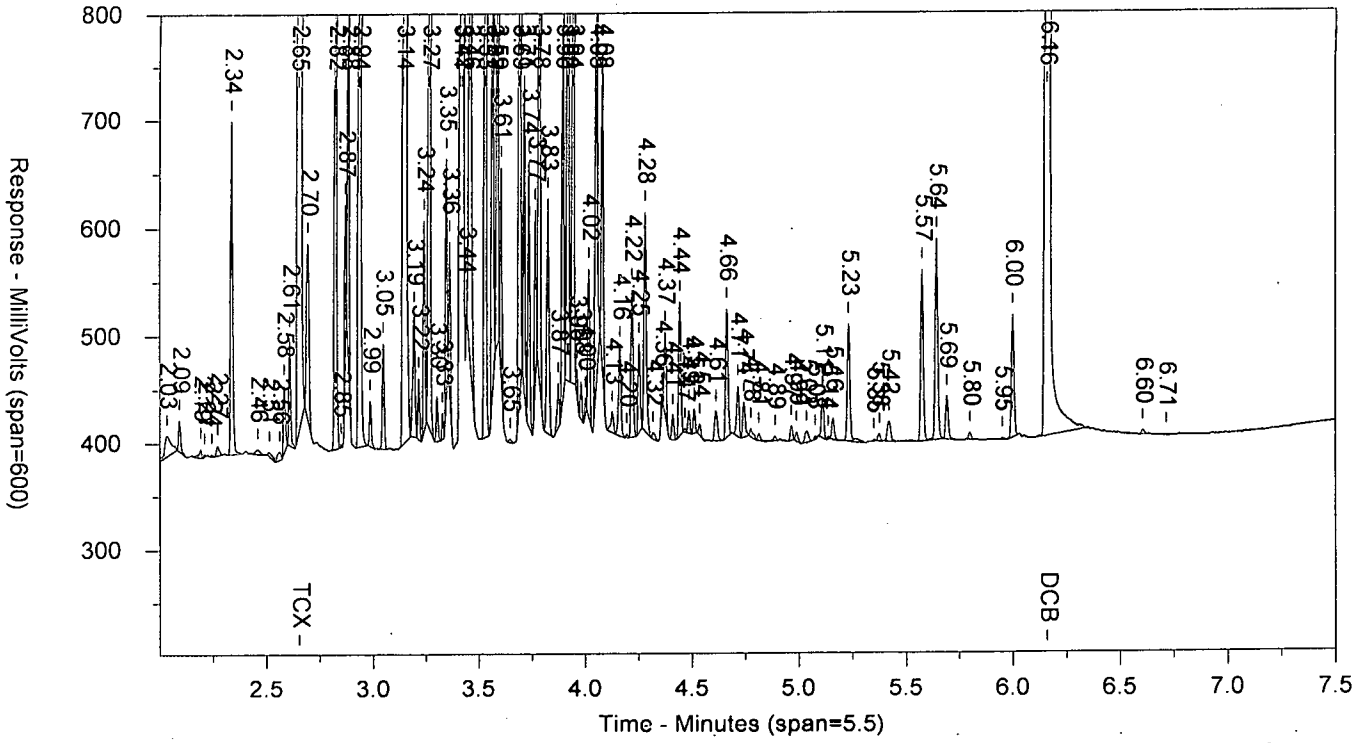

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:45:41 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0029.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.521		2854	984
1.546		7716	8594
1.631		16029	18640
1.669		13014	25381
1.704		5003	3343
1.79		6094	5683
2.112		22260	41794
2.147		12826	15904
2.295		120244	86448
2.39		33487	21738
2.404		48936	33147
2.435		5895	6374
2.551		30845	37307
2.574		17776	19158
2.635		23242	15777
2.718		4189	3030
2.757		5862	6204
2.846		12571	8819
2.925		42684	58678
2.967		14042	33672
2.999	TCX	26845350	16719200
3.147		339905	301391
3.2		510005	464468
3.25		1760538	1274834
3.327		54312	38175
3.343		211526	130008
3.385		6143	3344
3.405		2800	1099
3.465		1769878	1048399
3.482		904282	480185
3.519		228466	130016
3.534		44292	16973
3.546		122453	61357
3.579		2109666	1523691
3.615		13035	6717
3.629		29811	16508
3.655		142565	100480
3.688		494182	286501
3.703		259114	132778
3.748		1125049	614592
3.76		2324592	1146095
3.798		2549987	1930116
3.858		2175965	1605515
3.899		188796	129511
3.926		1439267	1012362
3.954		1089743	917661
3.977		291333	154870
4.053		1682448	1171355
4.077		598814	399963
4.109		656139	478423
4.143		1813582	1731702
4.184		560328	457873
4.231		114532	97182

RT A	Compound A	Height A	Area A
4.272		169987	128657
4.304		911701	636627
4.324		1571466	989451
4.348		1781498	1362744
4.405		34935	19991
4.418		53307	30490
4.454		1138586	898090
4.475		575699	343545
4.496		233618	149128
4.537		23415	14256
4.56		72188	54923
4.602		338091	298886
4.653		342028	271379
4.685		300250	231602
4.715		735767	645760
4.762		9437	6140
4.799		342718	324396
4.841		55757	71123
4.888		83749	76728
4.929		501800	469975
4.964		36591	26637
4.991		23354	40195
5.041		48492	42146
5.056		17259	9481
5.081		6716	6772
5.127		368284	379127
5.174		11555	7338
5.205		74758	75832
5.245		107474	90985
5.266		6820	3566
5.285		8356	5381
5.394		6991	17403
5.451		39768	34551
5.473		4971	2908
5.527		3281	2111
5.558		2525	2067
5.607		72980	66724
5.647		41267	87537
5.73		192258	249649
5.842		1494	505
5.861		1418	753
5.909		21673	21314
5.959		31227	68803
6.027		6143	23123
6.06		1919	1231
6.099		317859	301490
6.163		360285	426281
6.307		6180	17717
6.332		6803	5993
6.364		1356	453
6.461		3620	3398
6.5		2248	1168
6.532		143992	139060
6.637		1685	2152
6.679	DCB	8633663	8601598
6.807		5833	5840
6.944		1243	418
7.051		1178	251
7.074		3815	4089
7.091		1448	709
7.12		1346	320
7.134		3150	2357
7.233		1437	1053
7.266		1027	462
7.382		1645	6123
7.617		2346	1914

RT A	Compound A	Height A	Area A
7.664		1130	305
7.677		1830	899
7.689		1522	859
7.857		1013	414
7.95		1855	1579
8.056		1393	463
8.075		1452	411
8.106		1801	800
8.136		1767	659
8.313		2111	809
8.401		1959	1031
8.553		1144	333
8.614		1658	332

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:45:41 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0029.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		3690	2609
1.588		5849	4712
1.615		5364	3659
1.657		4151	3760
1.762		5744	4193
1.806		2401	2776
1.833		7438	3855
1.849		4208	2484
1.865		4724	3336
1.911		1504	1294
1.967		127466	111224
2.031		12777	18919
2.069		7372	6028
2.092		46759	31916
2.154		1988	1637
2.171		8201	12986
2.21		5901	3758
2.27		12872	11525
2.337		27144	19556
2.367		6050	4027
2.402		3427	2661
2.46		6635	5463
2.511		7192	13811
2.556		15491	16738
2.583		13848	8624
2.61		5296	2969
2.653	TCX	26780810	16135040
2.696		156464	113188
2.735		6535	6570
2.823		422963	292923
2.851		6694	3645
2.87		258926	123628
2.884		302923	154854
2.937		1860148	1143940
2.987		71554	44244
3.047		257191	161505
3.077		4294	3621
3.144		1510613	743025
3.155		533061	209298
3.195		282184	167009
3.216		149065	84912
3.241		199487	113517
3.265		2210237	1488630
3.302		122209	72303
3.329		8305	3594
3.348		579651	307465
3.363		336666	164576
3.413		1418707	617891
3.423		2631488	1112234
3.442		95638	35933
3.456		2355990	1609940
3.53		2487156	1542743
3.564		1647069	985837
3.588		1772266	1001478

3.606		611580	306743
3.646		11823	11300
3.691		2102825	1368163
3.714		797131	440273
3.735		749428	454735
3.765		487509	255447
3.783		1798564	1119766
3.825		675353	490985
3.873		137989	97242
3.895		1005108	620977
3.917		2444532	1547501
3.942		2098642	1312705
3.961		95683	43820
3.981		107996	59760
4.001		45787	19911
4.017		494431	312689
4.052		1369411	996835
4.081		929205	559358
4.11		4603	1871
4.127		73570	49327
4.163		291015	216787
4.195		6578	3325
4.22		540734	415719
4.253		337996	232853
4.281		780909	569895
4.32		14113	13108
4.359		48479	28204
4.375		256824	171539
4.41		95814	69781
4.443		519110	383722
4.466		12270	5729
4.485		35667	20920
4.51		61028	38263
4.536		45653	33302
4.61		72226	64614
4.637		8706	4634
4.663		499505	395422
4.714		67679	57761
4.743		147258	139646
4.79		19419	13130
4.887		4753	4860
4.931		8339	5716
4.966		7740	5186
4.989		54102	45794
5.035		13682	16031
5.076		2438	1206
5.111		64544	50780
5.137		26559	18208
5.158		6121	3288
5.177		4307	2146
5.232		171589	145529
5.351		2667	4314
5.375		6058	4297
5.42		17160	18633
5.575		241998	207626
5.643		296074	249477
5.692		63189	55586
5.799		5559	5099
5.89		1877	2899
5.954		2475	2526
5.999		172178	149703
6.031		3193	2004
6.158	DCB	10108290	9116763
6.605		7382	5874
7.098		1449	1839
8.291		5782	11189

AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082

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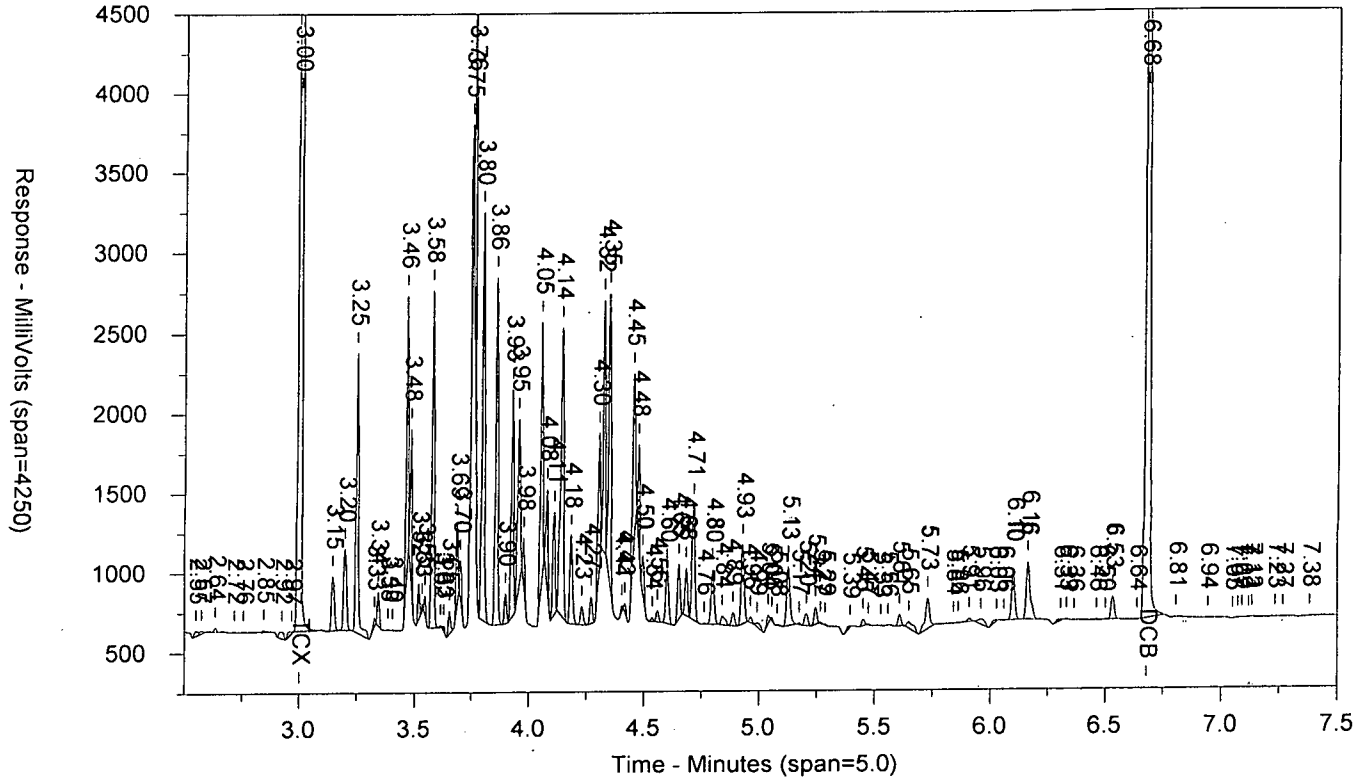

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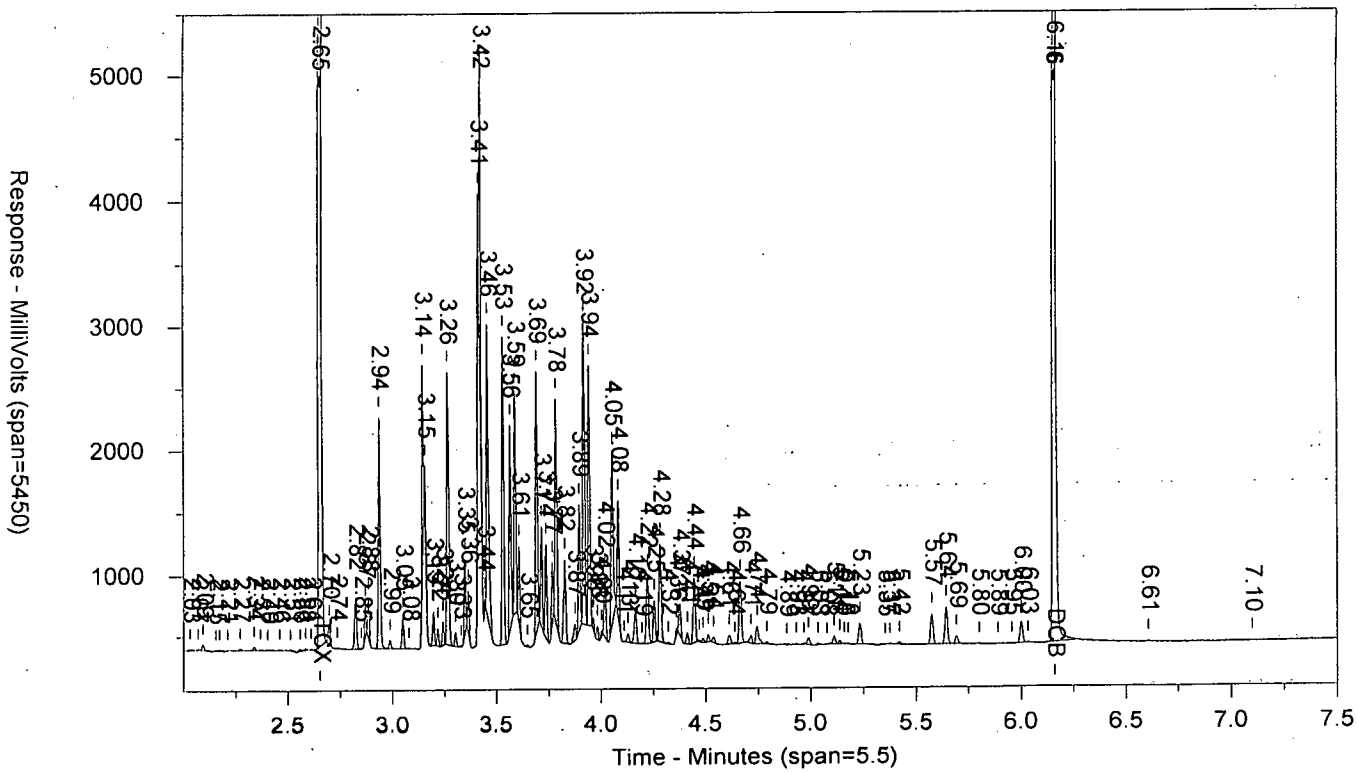

LANCASTER LABORATORIES

Sample Number: AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:45:41 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	26845350	70.925	TCX	2.653	26780810	68.912	TCX
6.679	8633663	63.963	DCB	6.158	10108290	63.453	DCB

Files:
Area File: 07pcbs17250001.0029.RAW
Area File: 07pcbs17250001B.0029.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:54:22 AM
File Reported On: 9/8/2017 at 3:54:34 AM

AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082

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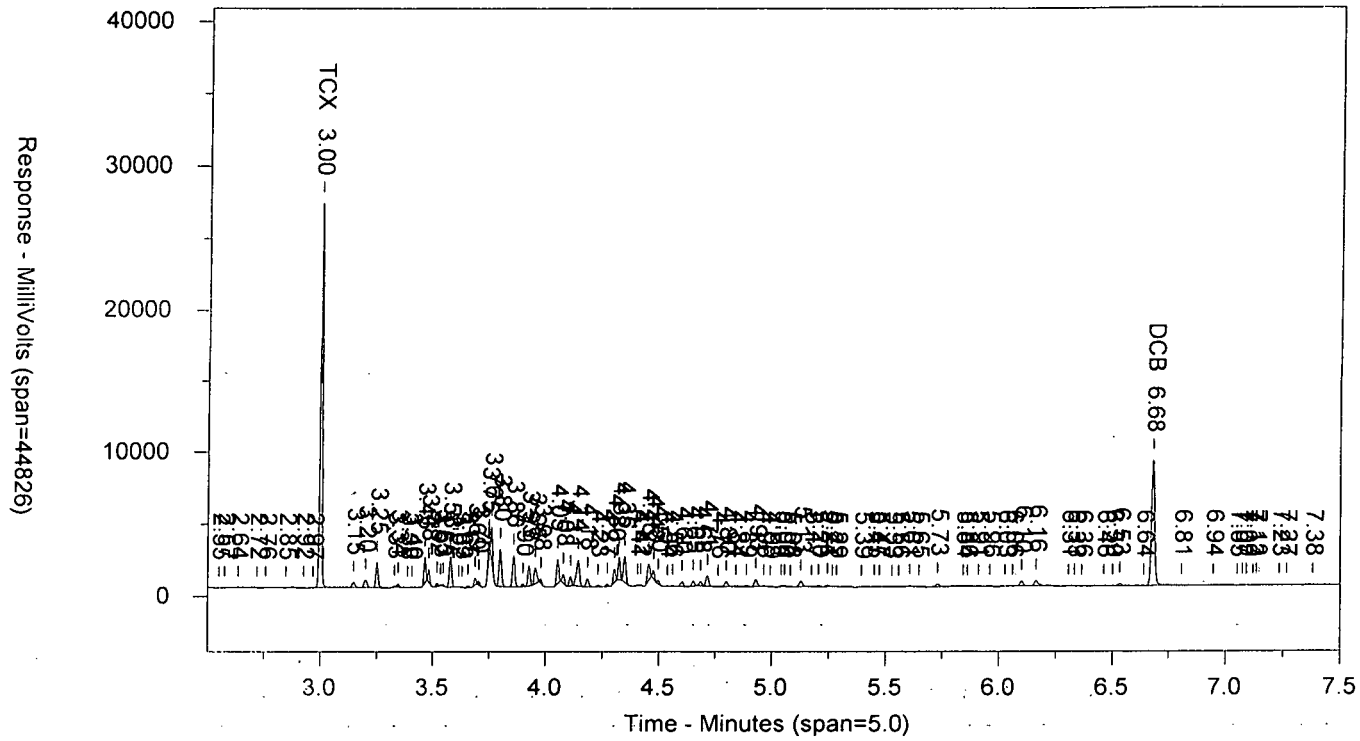

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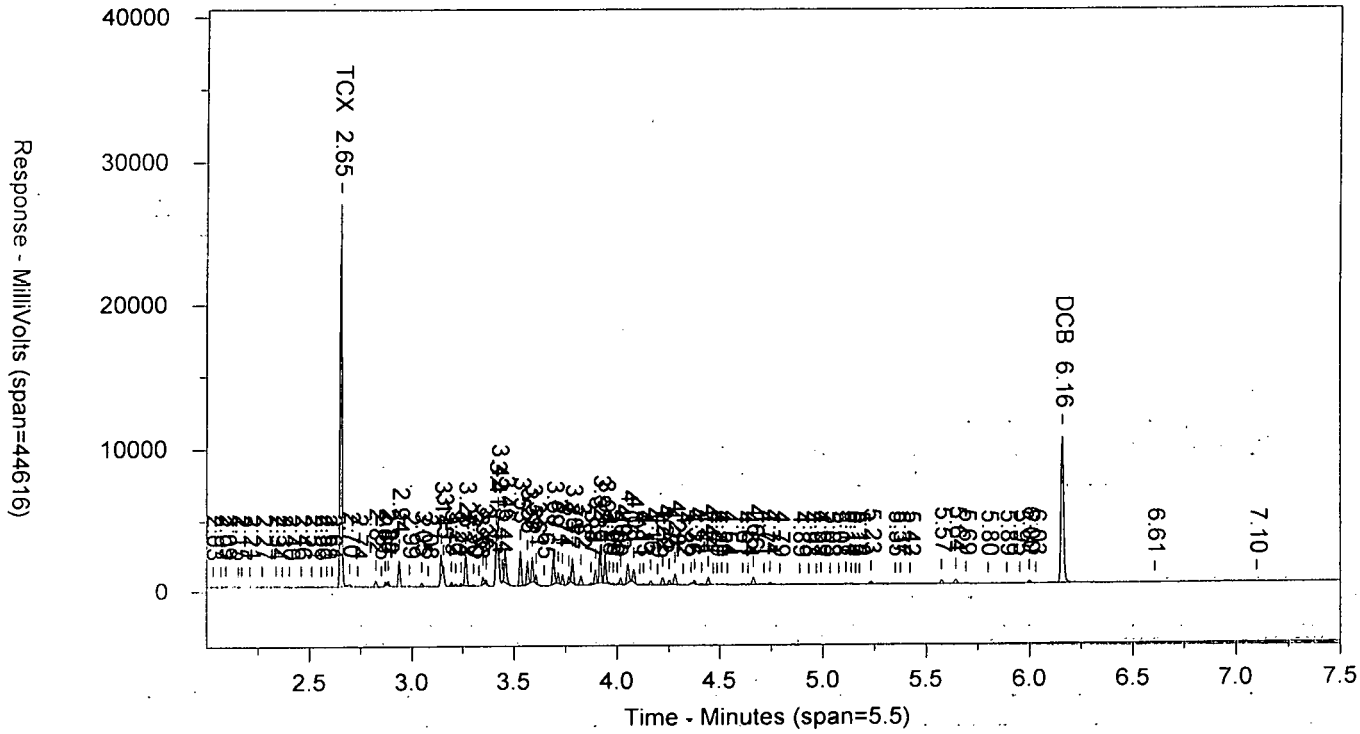

AR4231724A **AAAR423AA** **ICAL 1724999999** **10736** **SW-846 8082**

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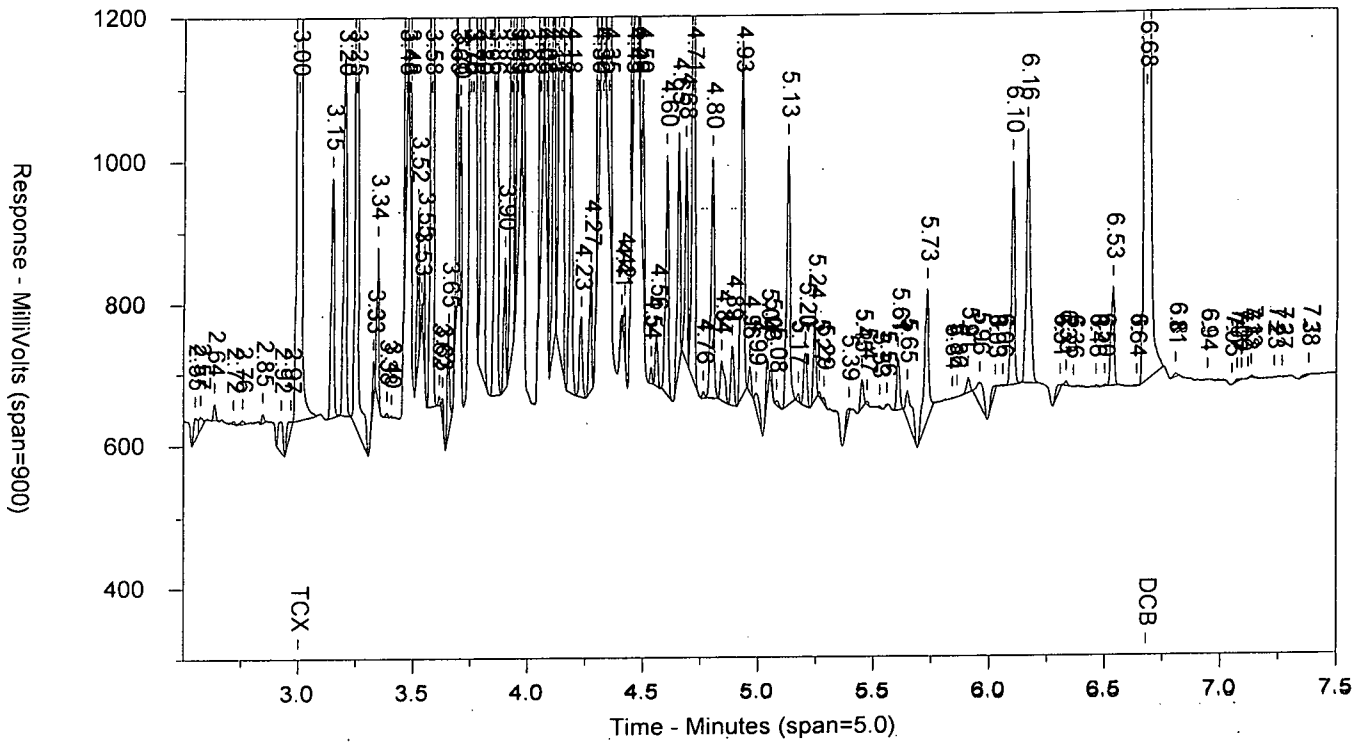

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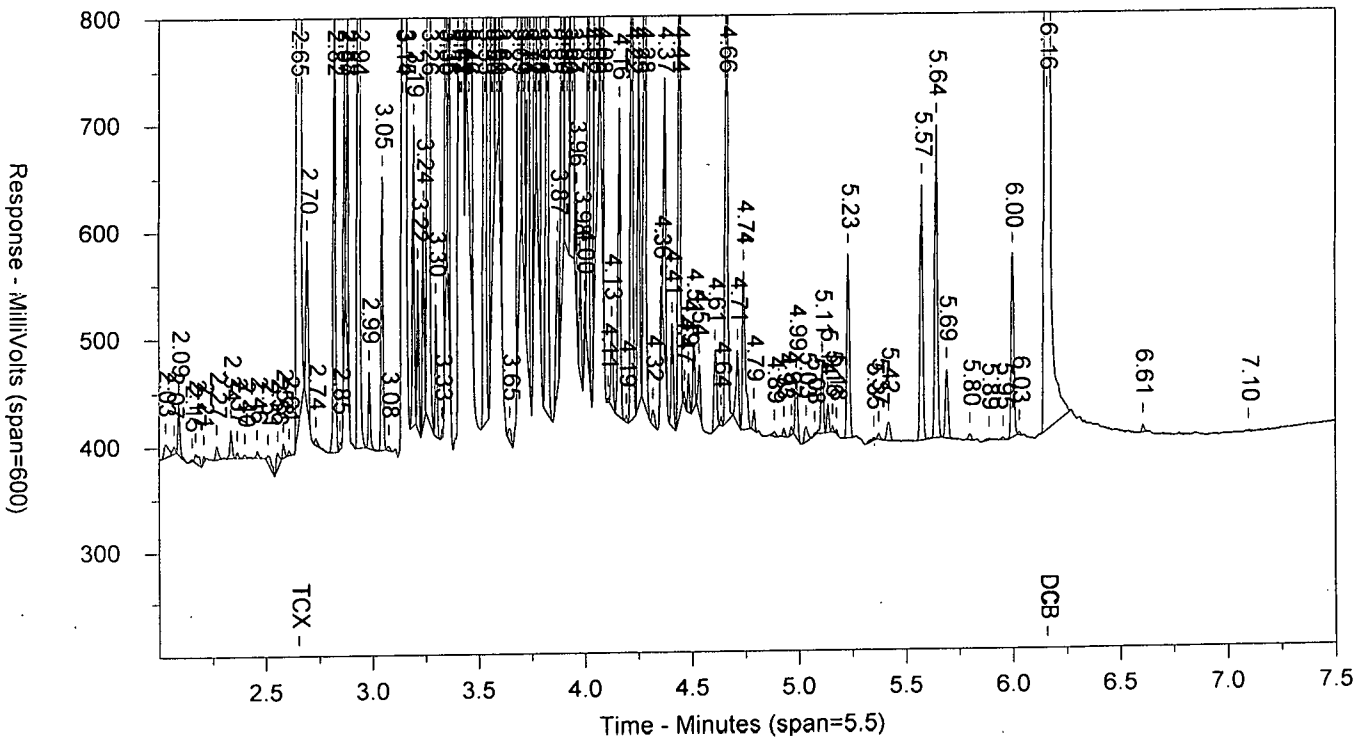

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:57:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0030.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		23460	21873
1.668		8766	21753
2.025		5898	5226
2.11		43322	68497
2.146		63195	227412
2.223		19584	19784
2.294		111092	77413
2.39		94037	62952
2.403		47764	29263
2.435		8723	11685
2.5		4560	3689
2.552		22716	26458
2.581		13162	16175
2.608		6727	8274
2.635		15057	10080
2.822		6340	7540
2.843		23457	28490
2.893		22180	27109
2.919		23230	32390
2.958		6486	8263
2.999	TCX	24323780	15026820
3.146		239507	209652
3.199		421676	378643
3.25		1275079	876280
3.327		42783	23597
3.343		145777	88886
3.383		3596	2191
3.464		1290072	763298
3.481		644914	355319
3.518		164860	95697
3.533		34999	13288
3.546		88286	45280
3.579		1528848	1114523
3.615		8536	4344
3.631		14961	8191
3.653		71575	47124
3.687		362827	210940
3.703		193691	99636
3.747		779319	449140
3.759		1510731	779446
3.798		1807839	1358924
3.857		1581632	1162378
3.899		139037	96668
3.926		1024178	732102
3.953		784044	630495
3.976		211666	122333
4.052		1155120	829348
4.077		456711	290573
4.108		489385	347299
4.142		1267796	1194618
4.183		405762	328226
4.229		60681	50521
4.27		75915	57263

RT A	Compound A	Height A	Area A
4.303		399847	270708
4.323		362656	229483
4.347		345498	257165
4.406		2476	6438
4.418		7964	4013
4.452		104489	92589
4.494		7146	4394
4.6		6796	12562
4.681		5903	7635
4.714		5425	4152
4.747		1431	256
4.799		5573	4547
4.816		1372	519
4.884		2247	893
4.928		7723	6842
4.964		46026	48420
5.003		5072	3333
5.04		4541	5822
5.092		2141	1395
5.121		6596	7088
5.15		3158	2375
5.204		69043	64233
5.247		2901	2159
5.285		1846	737
5.394		2570	5231
5.47		15137	50444
5.501		2345	1681
5.521		2621	2311
5.552		3858	1736
5.606		67220	66661
5.649		1397	674
5.729		166397	165441
5.777		15919	14797
5.802		7121	5641
5.874		4105	4468
5.91		29515	30379
5.956		10476	18580
6.015		4288	5349
6.051		1610	619
6.098		273234	268154
6.161		317417	379064
6.269		5132	6613
6.293		4627	4310
6.329		3762	3358
6.357		1442	545
6.385		1640	1341
6.46		2335	1913
6.489		1384	439
6.499		2835	1288
6.531		140034	138722
6.676	DCB	8033265	7976851
6.791		2767	1573
6.869		2963	1718
6.886		921	306
7.052		1949	433
7.136		3103	2670
7.214		3058	1254
7.363		1481	371
7.417		1534	1027
7.469		1023	795
7.765		1423	944
7.786		2393	1636
7.84		1281	447
7.999		1595	912
8.056		2114	385
8.095		1286	289

RT A	Compound A	Height A	Area A
8.123		1860	963
8.3		1470	1216
8.32		1405	416
8.393		1893	631
8.444		1463	335
8.563		1592	1633
8.608		1471	424
8.653		978	808

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:57:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0030.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		3440	3396
1.668		1868	5634
1.733		11337	17477
1.761		24554	54008
1.823		23693	57253
1.85		15691	26339
1.965		128860	137534
2.03		14556	27406
2.092		43155	29583
2.19		4838	4270
2.224		3084	6115
2.273		6663	7718
2.337		17880	12827
2.396		7817	5333
2.428		4387	5926
2.455		3683	5494
2.512		6320	14698
2.566		4890	10839
2.583		25701	16388
2.61		2746	1384
2.653	TCX	24314680	14485750
2.696		109497	75644
2.823		292688	195995
2.85		3512	1505
2.871		234495	114179
2.884		209441	99380
2.936		1314753	819111
2.987		62703	35903
3.047		186281	115682
3.109		2577	1602
3.144		1689947	1634393
3.195		210936	128357
3.216		106321	60217
3.242		144845	80525
3.266		1639230	1078733
3.302		64320	37213
3.329		13650	5994
3.348		422097	220158
3.363		250396	122060
3.391		3454	1805
3.413		886870	429741
3.423		1854798	789950
3.443		67868	23868
3.456		1662024	1112944
3.53		1781235	1102238
3.564		1148603	712783
3.588		1332239	722149
3.606		453730	223160
3.691		1483438	989680
3.714		580801	323028
3.735		532387	321121
3.766		341980	182448
3.783		1238869	758348
3.825		454495	328237

3.873		56631	46982
3.895		331412	205553
3.917		722992	459688
3.942		334007	208075
3.961		57864	28777
3.98		20139	10999
4.001		4539	1842
4.017		30583	18838
4.053		39446	21465
4.066		35125	15841
4.08		14702	6202
4.115		7154	15610
4.176		3610	1916
4.197		12290	20070
4.252		5949	12057
4.278		6918	7471
4.374		5694	4031
4.444		5991	4144
4.485		41568	31999
4.611		6986	6504
4.666		8175	6435
4.689		12022	13352
4.717		21460	11656
4.788		9520	37034
4.894		5579	5595
4.97		11761	13387
5.017		14009	13192
5.072		2522	1526
5.11		61533	53603
5.165		16619	16127
5.232		159194	136831
5.351		1717	1318
5.373		6426	19734
5.517		2779	38660
5.575		223762	191525
5.643		255207	226413
5.692		60842	50791
5.799		3491	2877
5.952		2409	2352
5.998		142126	120807
6.031		3800	2589
6.158	DCB	9583791	8366248
6.606		7260	6463
7.651		970	2075
8.29		6588	13299

AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082

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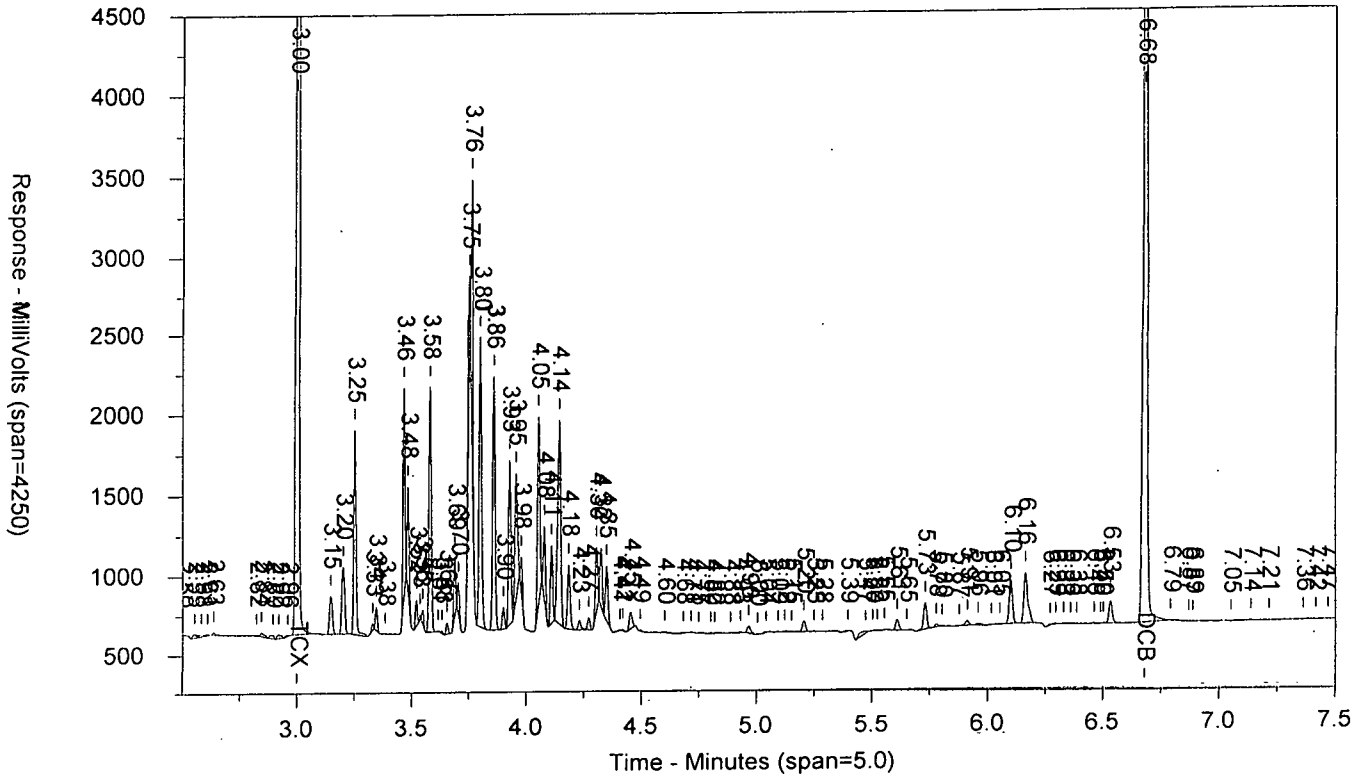

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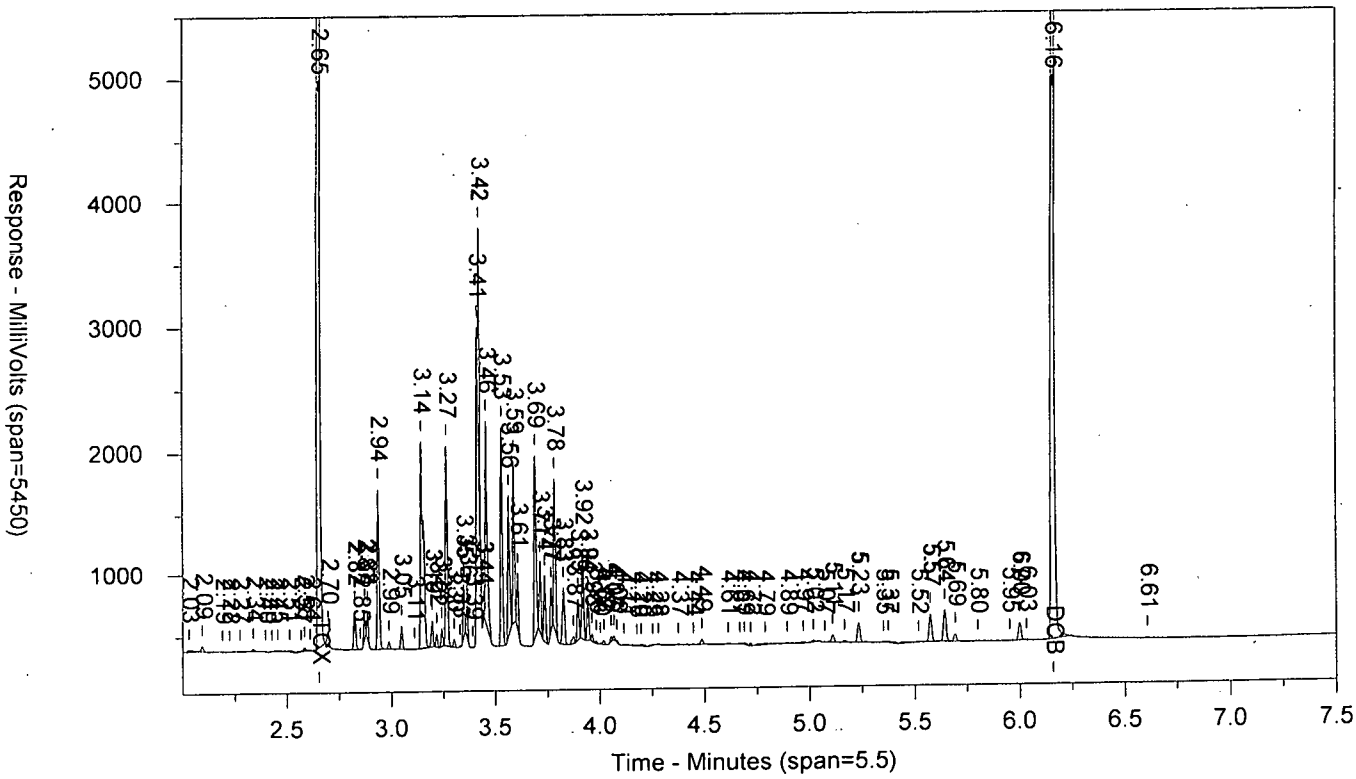

LANCASTER LABORATORIES

Sample Number: AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:57:00 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
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
2.999	24323780	64.263	TCX	2.653	24314680	62.566	TCX
6.676	8033265	59.515	DCB	6.158	9583791	60.16	DCB

Files:
Area File: 07pcbs17250001.0030.RAW
Area File: 07pcbs17250001B.0030.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:05:43 AM
File Reported On: 9/8/2017 at 4:05:48 AM

AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082

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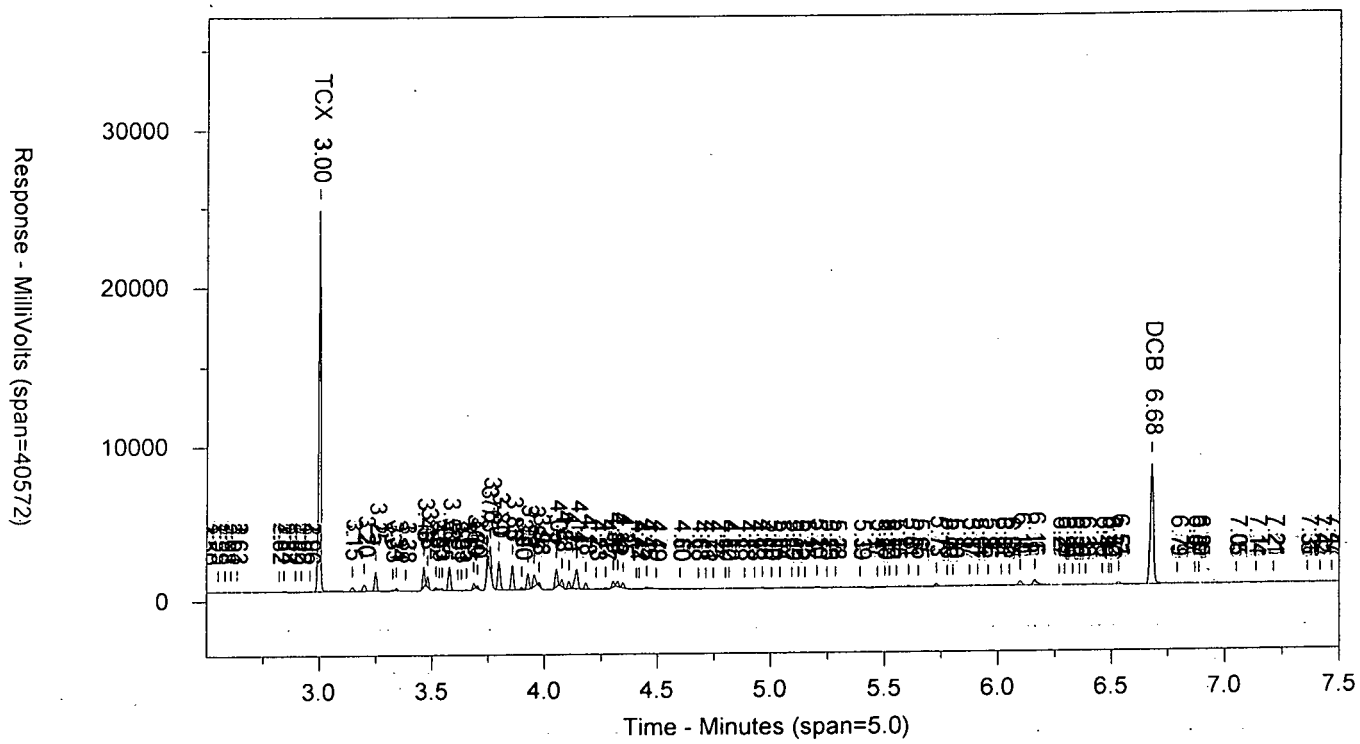

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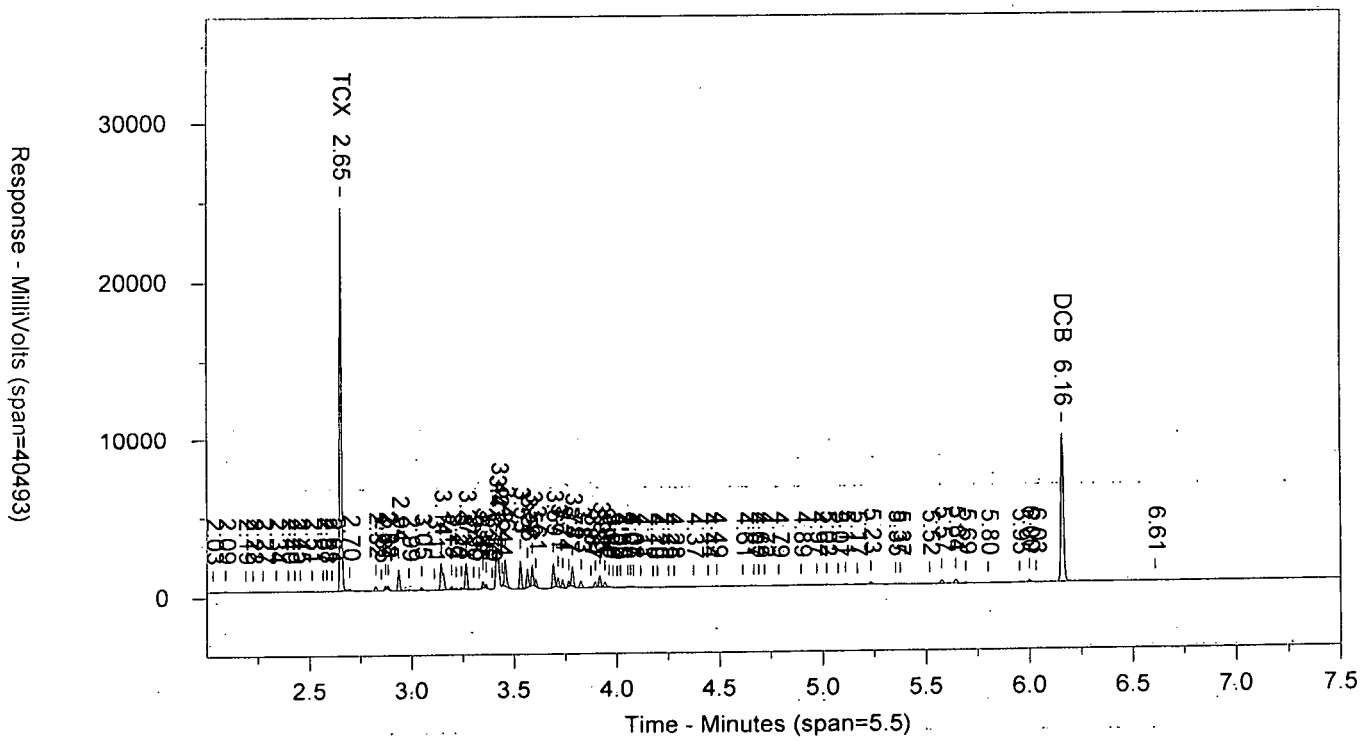

AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082

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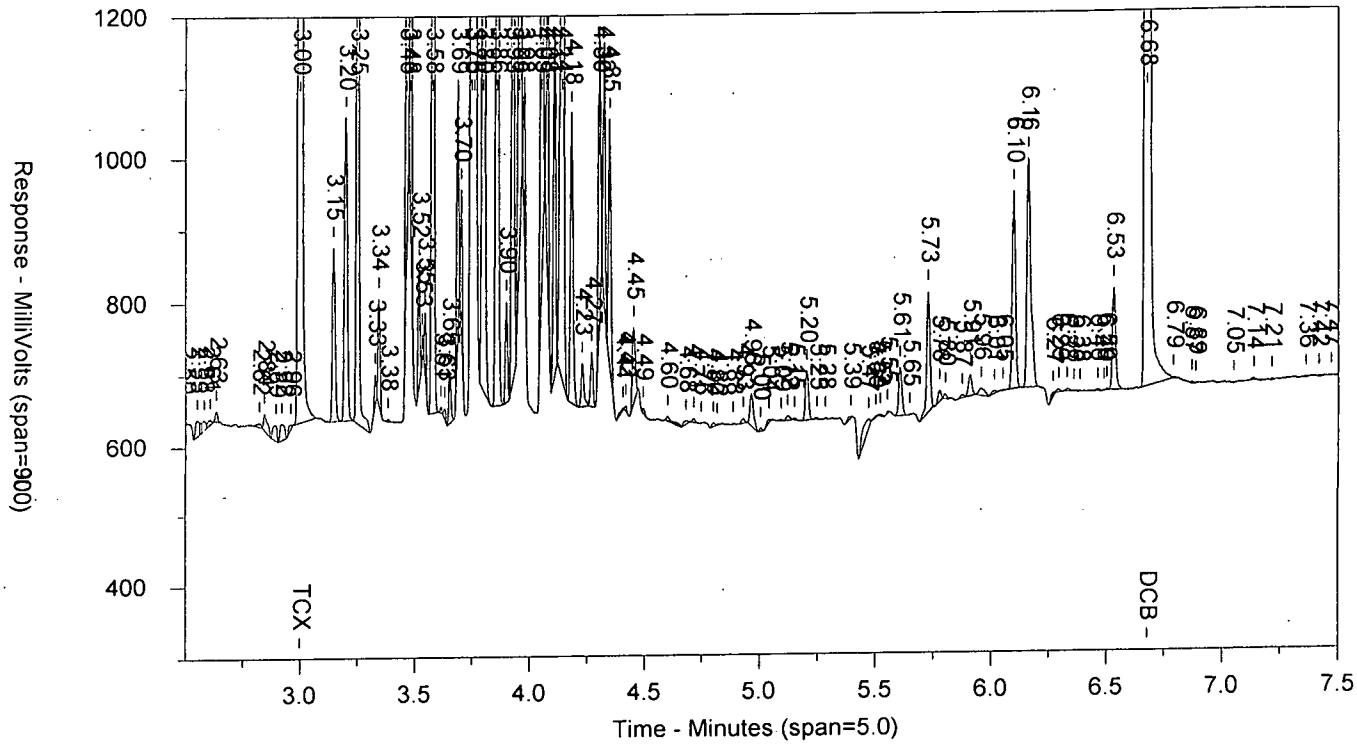

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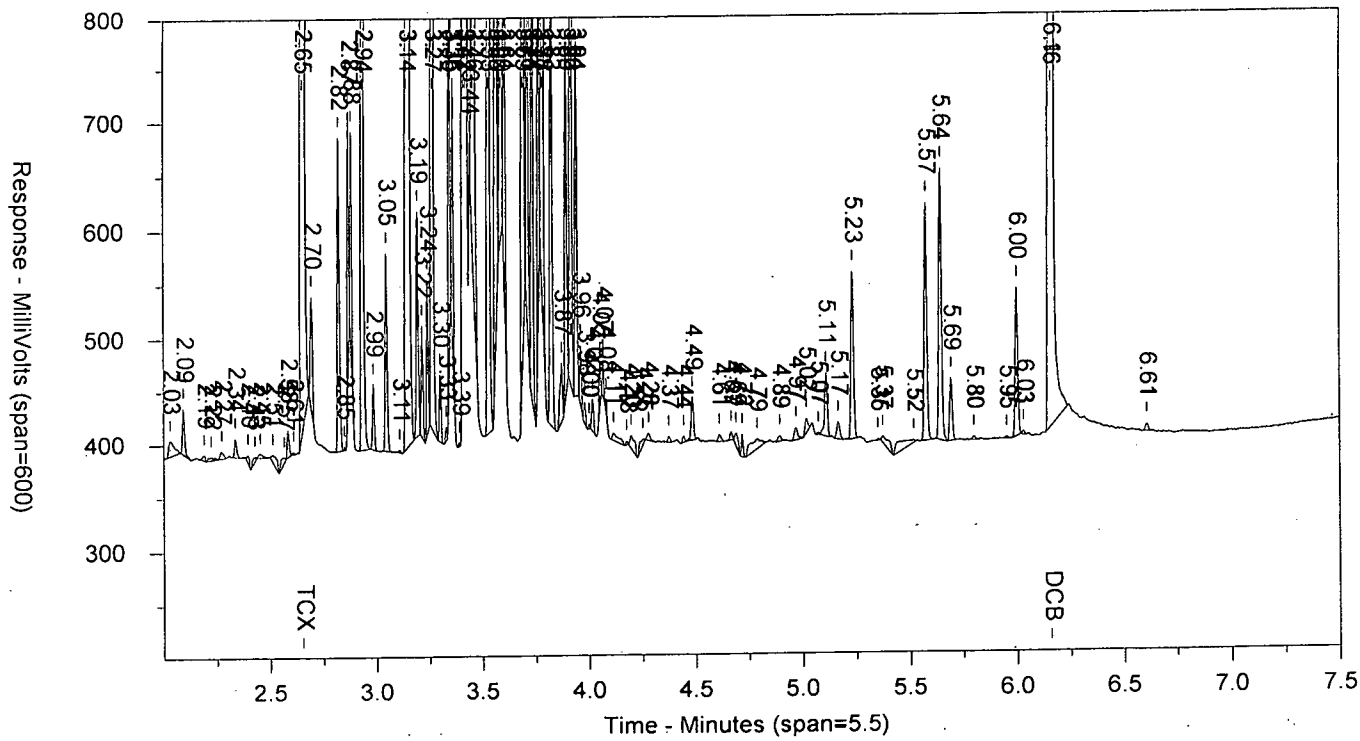


Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: MD16X17 24B MD16XAA Sample ID: AA **Batchnumber: 1724999999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843A
Result file : 07PCBS17250001.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.411956
%SSR(DCB) : 132% (45-143) Conc.: 0.531968

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**5.63**	
3.23	3.25	3.27	45328.48	6.894824			1
3.45	3.47	3.49	41323.97	6.140854			2
+ 3.45	3.48	3.49	23574.88	3.503291			2
3.56	3.58	3.60	47699.75	5.946085			3
+ 3.74	3.75	3.78	27628.12	3.517733			4
3.74	3.76	3.78	50637.49	6.447387			4
3.78	3.80	3.82	55441.02	6.014802			5
3.91	3.93	3.95	36548.41	6.46421			6
Height Summation:			**276979.12**				
Amount Avg CF:			**6.318027**	Linear:			
Aroclor-1221					**3**	**50.20**	
3.13	3.15	3.17	7086.006	2.327934			1
3.18	3.20	3.22	6911.174	2.482205			2
3.23	3.25	3.27	45328.48	5.345037			3
Height Summation:			**59325.66**				
Amount Avg CF:			**3.385059**	Linear:			
Aroclor-1232					**6**	**27.98**	
3.23	3.25	3.27	45328.48	5.877022			1
3.45	3.47	3.49	41323.97	12.83081			2
+ 3.45	3.48	3.49	23574.88	7.319839			2
3.56	3.58	3.60	47699.75	12.360178			3
+ 3.74	3.75	3.78	27628.12	7.631741			5
3.74	3.76	3.78	50637.49	13.987641			5
3.78	3.80	3.82	55441.02	12.272006			4
3.91	3.93	3.95	36548.41	16.070834			6
Height Summation:			**276979.12**				
Amount Avg CF:			**12.233082**	Linear:			
Aroclor-1242					**6**	**7.50**	
3.23	3.25	3.27	45328.48	5.14939			1
3.45	3.47	3.49	41323.97	4.669697			2
+ 3.45	3.48	3.49	23574.88	2.664012			2
3.56	3.58	3.60	47699.75	4.522019			3
+ 3.74	3.75	3.78	27628.12	2.37703			5
3.74	3.76	3.78	50637.49	4.356678			5
3.78	3.80	3.82	55441.02	4.348339			4
3.91	3.93	3.95	36548.41	5.078753			6
Height Summation:			**276979.12**				
Amount Avg CF:			**4.687479**	Linear:			

Analysis Report (B)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843B
Result file : 07PCBS17250001B.0031.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 111% (53-140) Conc.: 0.444814
%SSR(DCB) : 126% (45-143) Conc.: 0.507737

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**12.53**	
2.92	2.94	2.96	41235.46	6.131068			1
3.12	3.14	3.16	38993.28	4.558668			2
+ 3.12	3.16	3.16	19295.05	2.255766			2
3.25	3.27	3.29	54020.1	6.389361			3
+ 3.40	3.41	3.44	26258.44	2.89782			4
3.40	3.42	3.44	50766.23	5.602441			4
3.44	3.46	3.48	56080.71	6.589346			5
3.57	3.59	3.61	43420.77	6.193978			6
+ 3.57	3.61	3.61	13120.49	1.871639			6
Height Summation:			**284516.55**				
Amount Avg CF:			**5.910811**	Linear:			
Aroclor-1221					**3**	**29.37**	
2.80	2.82	2.84	20776.93	5.671584			1
+ 2.86	2.87	2.90	2855.795	1.2428			2
2.86	2.88	2.90	7065.354	3.074739			2
2.92	2.94	2.96	41235.46	4.5652			3
Height Summation:			**69077.744**				
Amount Avg CF:			**4.437174**	Linear:			
Aroclor-1232					**6**	**31.86**	
2.92	2.94	2.96	41235.46	5.011386			2
3.12	3.14	3.16	38993.28	9.029098			3
+ 3.12	3.16	3.16	19295.05	4.46787			3
3.25	3.27	3.29	54020.1	12.932754			4
+ 3.40	3.41	3.44	26258.44	6.296958			1
3.40	3.42	3.44	50766.23	12.174098			1
3.44	3.46	3.48	56080.71	13.206304			6
3.57	3.59	3.61	43420.77	14.732249			5
+ 3.57	3.61	3.61	13120.49	4.451656			5
Height Summation:			**284516.55**				
Amount Avg CF:			**11.180981**	Linear:			
Aroclor-1242					**6**	**9.89**	
2.92	2.94	2.96	41235.46	4.433568			1
3.12	3.14	3.16	38993.28	5.162577			2
+ 3.12	3.16	3.16	19295.05	2.554599			2
3.25	3.27	3.29	54020.1	4.888173			3
+ 3.40	3.41	3.44	26258.44	1.99571			5
3.40	3.42	3.44	50766.23	3.858367			5
3.44	3.46	3.48	56080.71	4.760692			4
3.57	3.59	3.61	43420.77	4.900029			6
+ 3.57	3.61	3.61	13120.49	1.480646			6
Height Summation:			**284516.55**				
Amount Avg CF:			**4.667234**	Linear:			

Eurofins-Lancaster Laboratories-Multiple Component Data Summary

Sample Name: MD16X17 24B MD16XAA Sample ID: AA **Batchnumber: 1724999999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843A
Result file : 07PCBS17250001.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	55.90	
3.78	3.80	3.82	55441.02	12.201428			1
3.84	3.86	3.88	46588.3	9.638314			2
3.91	3.93	3.95	36548.41	4.541058			3
4.03	4.05	4.07	37650.14	4.142794			4
4.12	4.14	4.16	38083.24	4.84005			5
4.30	4.30	4.34	27609.86	3.285116			6
+ 4.30	4.33	4.34	13277.91	1.579852			6
Height Summation:			241920.97				
Amount Avg CF:			6.44146	Linear:			
Aroclor-1254					6	84.63	
4.29	4.30	4.32	27609.86	3.046644			1
4.63	4.67	4.67	15700.87	1.633636			2
4.69	4.72	4.73	23375.1	1.149631			3
4.91	4.93	4.95	13243.19	1.06549			4
5.11	5.13	5.15	34361	4.831656			5
5.23	5.24	5.27	77706.27	8.317732			6
Height Summation:			191996.29				
Amount Avg CF:			3.340798	Linear:			
Aroclor-1260					6	5.06	
4.82	4.84	4.86	86378.37	5.934874			1
5.02	5.04	5.06	91070.48	6.374598			2
5.23	5.24	5.27	77706.27	5.732171			3
5.45	5.47	5.49	46614.3	5.937987			4
5.69	5.71	5.73	109018.4	5.670823			5
5.89	5.91	5.93	80012.71	6.364273			6
Height Summation:			490800.53				
Amount Avg CF:			6.002454	Linear:			
Aroclor-1262					6	16.50	
5.29	5.31	5.33	43014.77	3.693291			1
5.45	5.47	5.49	46614.3	4.502159			2
5.69	5.71	5.73	109018.4	4.798724			3
5.89	5.91	5.93	80012.71	5.160134			4
5.95	5.96	5.99	27421.59	3.514693			5
6.31	6.33	6.35	25396.57	3.63021			6
Height Summation:			331478.34				
Amount Avg CF:			4.216535	Linear:			
Aroclor-1268					6	84.64	
5.89	5.91	5.93	80012.71	2.876505			1
5.95	5.96	5.99	27421.59	1.140044			2
6.08	6.10	6.12	4333.737	0.187745			3
6.14	6.18	6.18	16253.92	2.681951			4
6.31	6.33	6.35	25396.57	3.570299			5
6.51	6.53	6.55	3796.562	0.081091			6
Height Summation:			157215.089				
Amount Avg CF:			1.756273	Linear:			

Analysis Report (B)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843B
Result file : 07PCBS17250001B.0031.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	61.66	
3.44	3.46	3.48	56080.71	14.387059			1
3.51	3.53	3.55	52697.63	9.861808			2
3.55	3.56	3.59	40881.2	4.442778			3
3.67	3.69	3.71	48961.68	4.425502			4
+ 3.76	3.77	3.80	12099.54	1.581614			5
3.76	3.78	3.80	35854.07	4.686732			5
3.90	3.92	3.94	55432.41	3.809181			6
Height Summation:			289907.7				
Amount Avg CF:			6.93551	Linear:			
Aroclor-1254					6	112.30	
4.20	4.22	4.24	9047.696	0.783987			1
+ 4.26	4.26	4.30	11185.84	0.548176			2
+ 4.26	4.28	4.30	9239.554	0.452796			2
4.26	4.29	4.30	30669.07	1.502975			2
4.35	4.37	4.39	91617.84	9.558581			3
4.42	4.44	4.46	8061.824	0.639632			4
4.64	4.67	4.68	9786.581	1.102902			5
4.72	4.74	4.76	96866.1	6.889827			6
Height Summation:			246049.111				
Amount Avg CF:			3.412984	Linear:			
Aroclor-1260					6	4.33	
4.35	4.37	4.39	91617.84	6.147428			1
4.49	4.51	4.53	104337.9	6.102999			2
4.60	4.61	4.64	81046.01	5.862778			3
4.72	4.74	4.76	96866.1	5.806711			4
5.14	5.16	5.18	117944.2	5.476152			5
5.40	5.42	5.44	72531.31	5.686761			6
Height Summation:			564343.36				
Amount Avg CF:			5.847138	Linear:			
Aroclor-1262					6	19.87	
4.76	4.78	4.80	49329.12	3.024253			1
4.95	4.97	4.99	63537.13	4.185922			2
5.14	5.16	5.18	117944.2	4.211268			3
5.36	5.37	5.40	26683.44	2.634241			4
5.40	5.42	5.44	72531.31	4.244926			5
5.78	5.80	5.82	23552.94	3.220779			6
Height Summation:			353578.14				
Amount Avg CF:			3.586898	Linear:			
Aroclor-1268					5	99.77	
5.36	5.37	5.40	26683.44	0.919428			1
5.40	5.42	5.44	72531.31	2.606594			2
5.56	5.57	5.60	3379.568	0.145271			3
5.78	5.80	5.82	23552.94	2.953249			5
5.98	6.00	6.02	7238.19	0.131878			6
Height Summation:			133385.448				
Amount Avg CF:			1.351284	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: MD16X17 24B MD16XAA Sample ID: AA **Batchnumber: 1724999999**
Sample Amount: 1 Total Volume: 1 ml Analyst: 2855 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843A
Result file : 07PCBS17250001.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 08, 2017 04:08:33
Instrument : CP 7--19843B
Result file : 07PCBS17250001B.0031.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						6.66	4	40	
Aroclor-1221						26.90	3	40	
Aroclor-1232						8.99	4	40	
Aroclor-1242						0.43	4	40	
Aroclor-1248						7.39	4	40	
Aroclor-1254						2.14	4	40	
Aroclor-1260						2.62	4	40	
Aroclor-1262						16.14	4	40	
Aroclor-1268						26.06	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:08:33 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0031.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.642		7333	15559
1.75		4345	3004
1.858		4089	2642
1.966		5415	4617
2.037		2616	3658
2.111		16661	30829
2.15		14274	18467
2.283		8578	6970
2.391		27046	22220
2.435		6784	6058
2.479		9402	6437
2.553		14691	15176
2.574		16470	16556
2.667		10457	8881
2.759		10263	9537
2.845		53004	42378
2.878		2758	1585
2.931		18570	22174
2.956		5405	5215
2.999	TCX	155926	98079
3.099		11546	10411
3.147		7086	5381
3.18		8988	6691
3.204		6911	4536
3.252		45328	34774
3.336		14671	28546
3.387		1708	1184
3.407		6535	5831
3.466		41324	24387
3.483		23575	12427
3.519		4908	2634
3.548		5638	3923
3.58		47700	33023
3.62		8934	12527
3.657		6411	5082
3.689		13247	7381
3.704		4969	2341
3.749		27628	13653
3.76		50637	25888
3.799		55441	42527
3.858		46588	33983
3.899		5490	3756
3.928		36548	25197
3.955		26789	24616
3.979		5886	3266
4.053		37650	26824
4.078		11610	6934
4.109		15077	10533
4.144		38083	36682
4.184		10487	9732
4.248		11086	8926
4.305		27610	19758
4.326		13278	8163

RT A	Compound A	Height A	Area A
4.351		14744	19438
4.399		4271	5473
4.419		6543	4535
4.463		44450	40799
4.546		1562	402
4.599		6180	5461
4.671		15701	11766
4.715		23375	21569
4.764		40051	43725
4.801		9991	6506
4.841		86378	80721
4.927		13243	13334
4.987		14005	15255
5.041		91070	118436
5.092		17019	13958
5.131		34361	37618
5.211		6238	7516
5.245		77706	70741
5.31		43015	37841
5.352		26640	23478
5.393		2551	3772
5.448		9444	7745
5.472		46614	42619
5.529		27276	23479
5.566		14571	13898
5.607		3231	2066
5.649		17060	23538
5.707		109018	101069
5.809		1454	651
5.831		1477	424
5.856		1348	1225
5.864		890	269
5.91		80013	76809
5.964		27422	50130
6.025		2933	4794
6.102		4334	4294
6.181		16254	23671
6.298		1732	1620
6.332		25397	25375
6.48		1716	554
6.488		2182	1133
6.531		3797	2557
6.567		1353	705
6.679	DCB	71804	66266
6.857		1489	377
6.969		1068	1123
7.086		1634	1213
7.148		1014	308
7.17		1544	850
7.19		1144	516
7.219		1668	1175
7.232		1603	378
7.313		2050	1571
7.356		1192	471
7.376		1128	439
7.449		1972	428
7.505		948	358
7.529		1494	686
7.62		1423	622
7.683		1722	560
7.754		1934	800
7.781		1528	563
7.811		1373	547
7.97		2036	486
8.034		1496	721
8.155		1438	376

RT A	Compound A	Height A	Area A
8.198		1388	338
8.252		1488	423
8.334		2045	403
8.435		1706	400
8.476		1868	390
8.5		1280	356
8.523		1337	539
8.556		1937	663
8.604		1050	1104

LANCASTER LABORATORIES

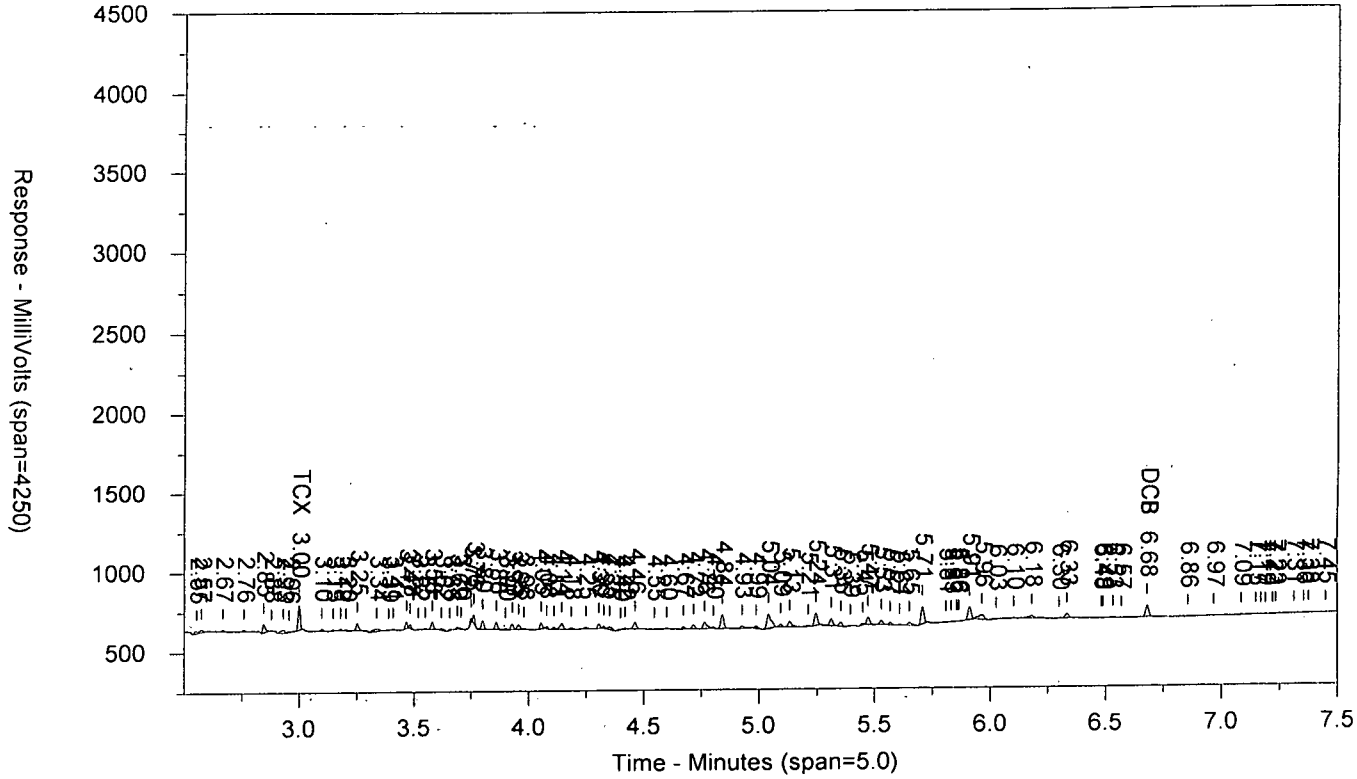
Sample Number: MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:08:33 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250001B.0031.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.551		9321	6901
1.587		3184	2925
1.655		9191	7729
1.76		13489	11808
1.802		2147	1915
1.833		6127	5022
1.866		12627	10717
1.959		29827	31436
2.031		14884	21261
2.071		16546	11280
2.172		18084	15123
2.208		2269	1401
2.27		25604	23233
2.325		2836	2994
2.367		17533	12789
2.402		2905	2011
2.424		2225	1578
2.463		18885	15312
2.512		5775	9745
2.556		21913	19540
2.584		61711	49723
2.652	TCX	172865	110890
2.696		5797	4872
2.737		15899	15791
2.783		1979	1158
2.824		20777	16958
2.87		2856	1625
2.884		7065	3656
2.913		11450	9068
2.937		41235	26304
2.996		12291	11008
3.047		5800	5659
3.078		11924	11607
3.144		38993	18355
3.156		19295	7940
3.194		7020	4189
3.217		3318	2073
3.24		10467	7330
3.265		54020	35342
3.316		9328	9310
3.349		13911	7120
3.363		10934	5417
3.392		5658	3316
3.413		26258	12409
3.423		50766	23267
3.457		56081	41871
3.53		52698	33766
3.565		40881	24826
3.589		43421	23901
3.606		13120	7277
3.65		3992	3770
3.691		48962	32355
3.714		25660	16292
3.737		19449	12994

3.766		12100	6590
3.784		35854	23526
3.825		12782	8438
3.868		4202	4066
3.896		7234	4169
3.916		55432	33484
3.942		9885	6134
3.98		19052	16574
4.017		42090	28715
4.064		7892	10495
4.114		5094	9699
4.218		9048	4969
4.262		11186	6482
4.281		9240	4599
4.294		30669	17015
4.319		16117	16747
4.372		91618	68502
4.417		2974	2634
4.444		8062	5240
4.467		20694	14315
4.51		104338	83304
4.614		81046	79005
4.669		9787	7695
4.705		24129	17420
4.742		96866	80893
4.775		49329	36782
4.814		33528	26879
4.913		10387	10211
4.965		63537	48610
4.99		8134	5156
5.039		31785	28772
5.075		14321	11384
5.105		10983	8612
5.137		4200	2446
5.159		117944	99625
5.232		6212	4896
5.35		2013	1374
5.374		26683	21450
5.419		72531	78517
5.574		3380	2909
5.619		1532	1125
5.693		12244	11089
5.799		23553	19989
5.999		7238	6307
6.159	DCB	80885	72318
7.685		1342	1128
8.296		6201	13590

MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0031.RAW



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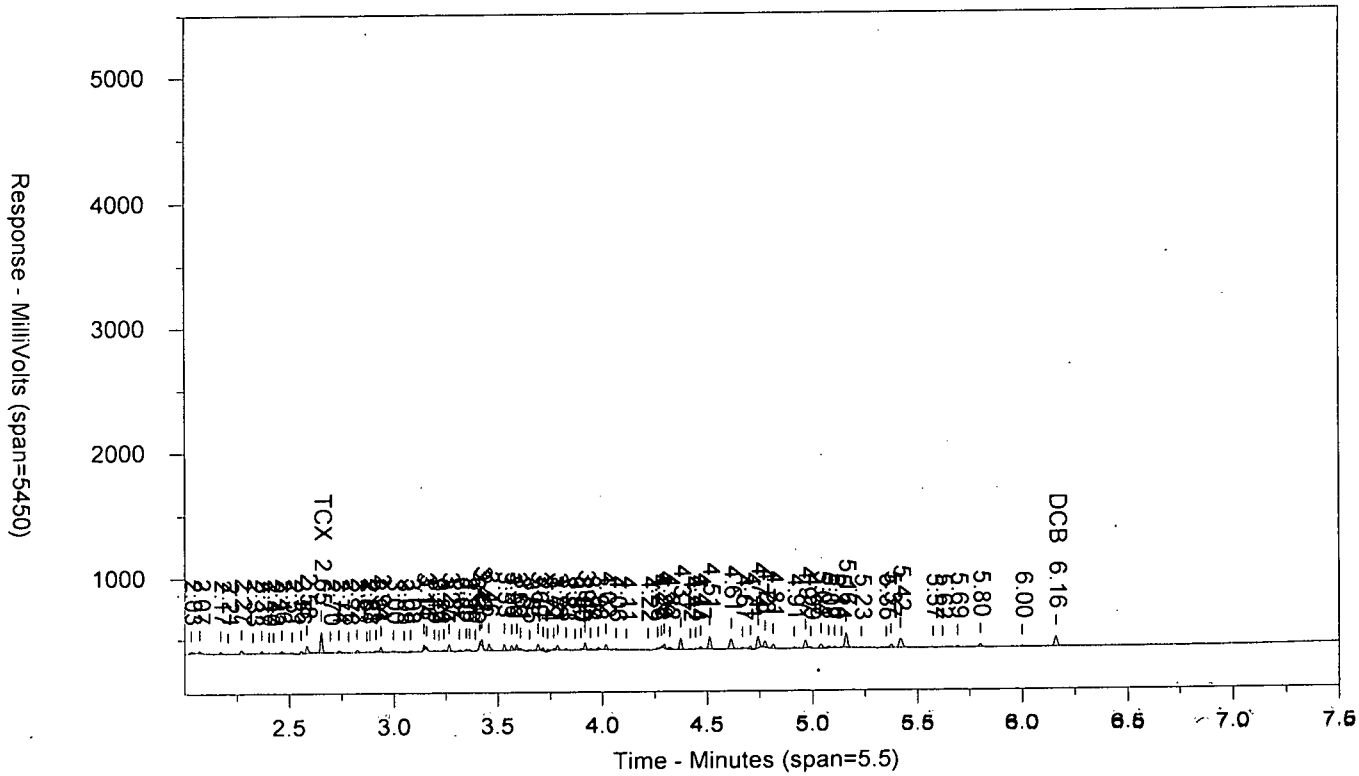

LANCASTER LABORATORIES

Sample Number: MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:08:33 AM
Sample Weight: 1
Instrument ID: CP7-19843A
Dilution Factor: 1
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: 8
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
2.999	155926	.412	TCX	2.652	172865	.445	TCX
6.679	71804	.532	DCB	6.159	80885	.508	DCB

Files:
Area File: 07pcbs17250001.0031.RAW
Area File: 07pcbs17250001B.0031.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:17:17 AM
File Reported On: 9/8/2017 at 4:17:24 AM

MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082

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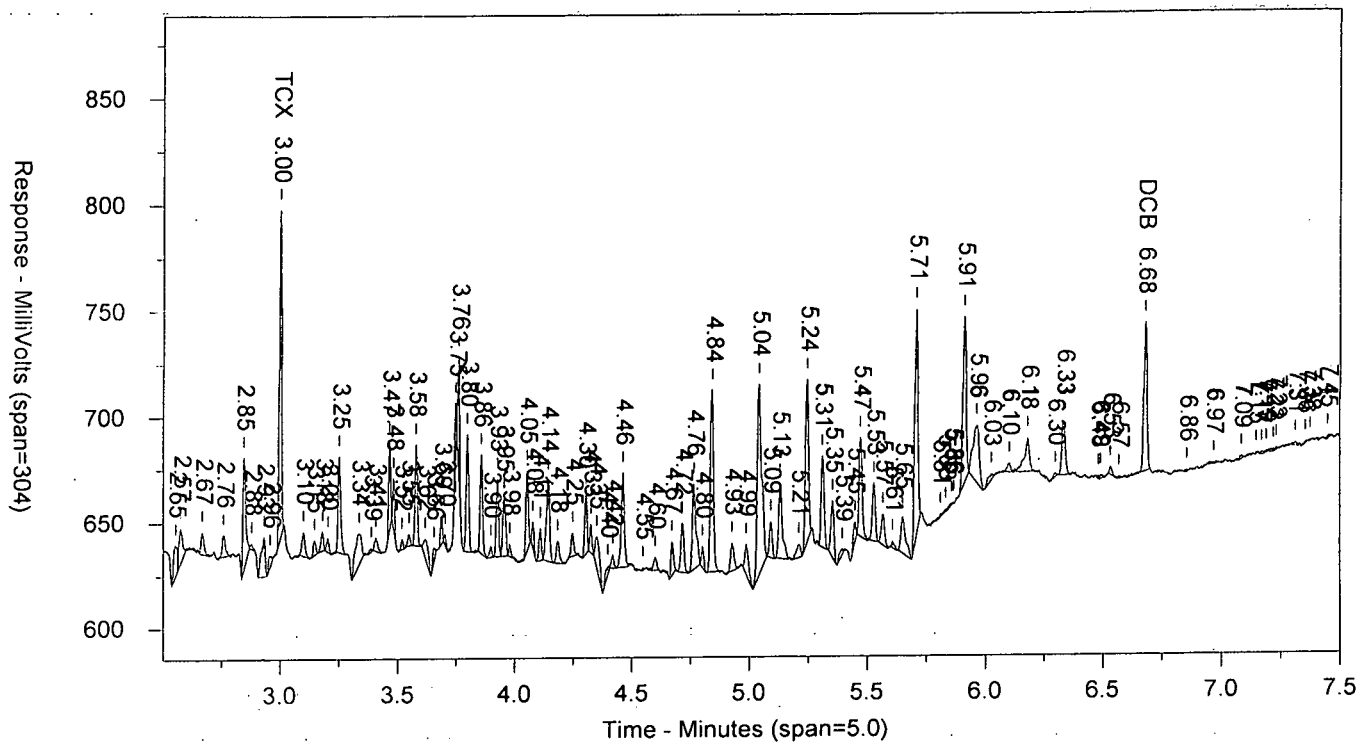

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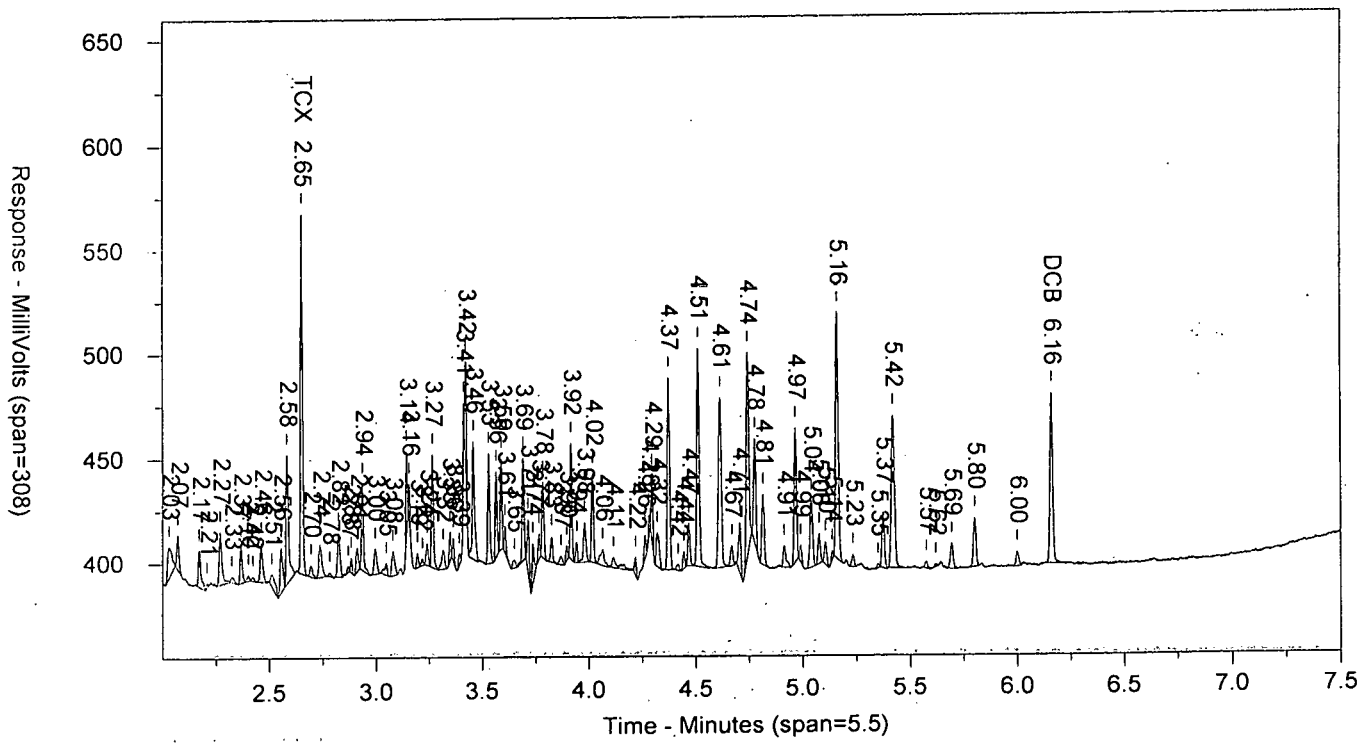

MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082

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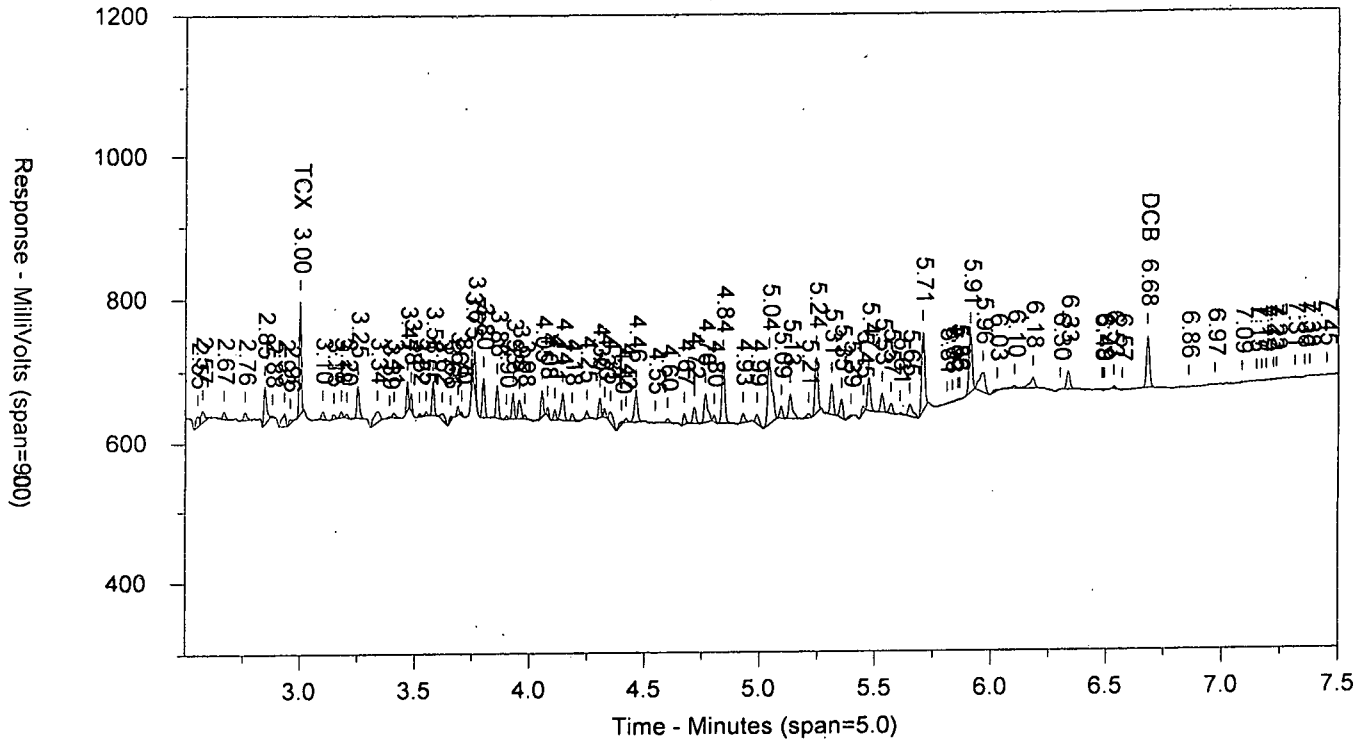

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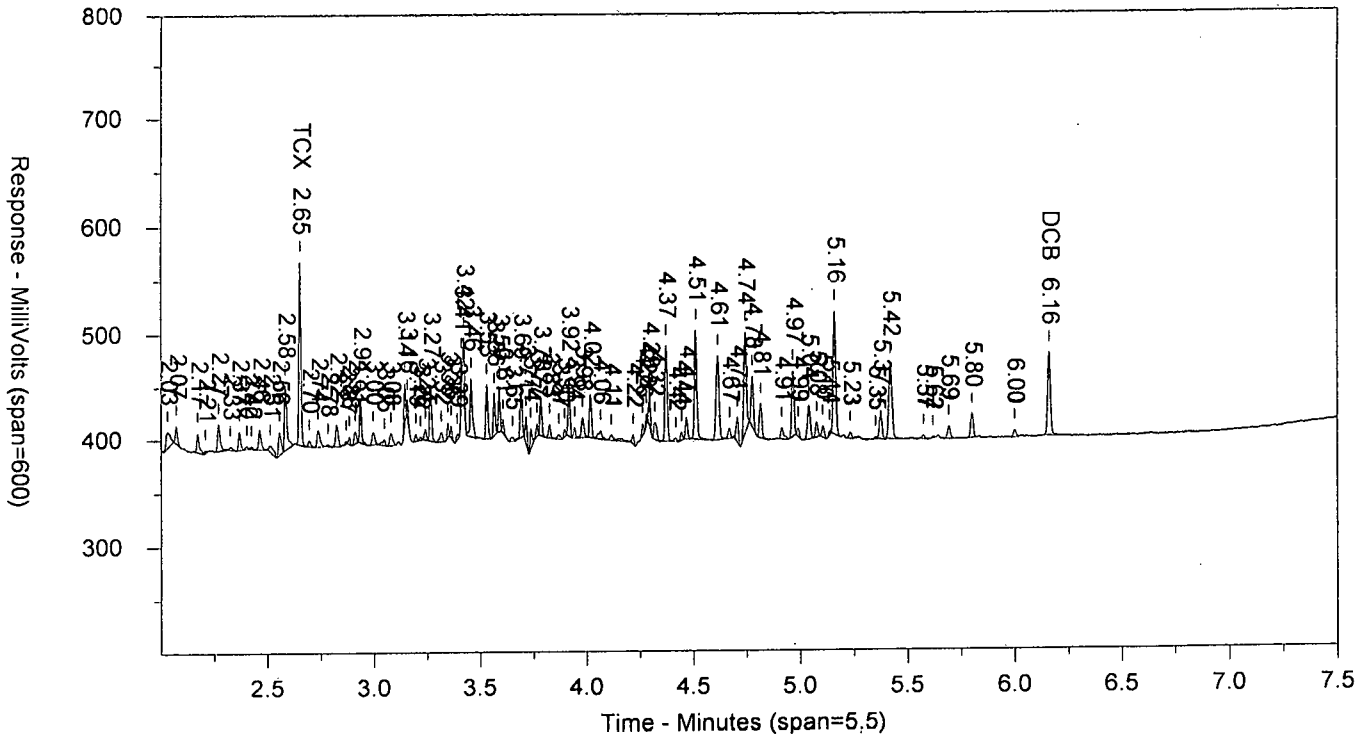

LANCASTER LABORATORIES

Sample Number: IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:20:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0032.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.632		5421	4798
1.79		3629	2798
2.113		7690	15693
2.151		11969	15670
2.217		3428	1712
2.295		73303	53641
2.39		28151	20721
2.403		29972	20137
2.436		7248	7009
2.478		5897	3651
2.55		14756	14854
2.575		13313	15464
2.636		15483	10711
2.669		8124	6030
2.721		3468	2153
2.758		8917	7033
2.825		4457	3306
2.845		24428	21035
2.93		20812	30561
2.96		4047	5523
2.999	TCX	15202140	9669563
3.097		9513	8930
3.147		239824	203822
3.175		2845	1305
3.201		346273	305712
3.25		1261651	885955
3.328		24895	13031
3.344		164955	100985
3.386		6123	3608
3.41		5402	4652
3.465		1319845	798785
3.482		700893	370791
3.518		176229	100567
3.534		38281	14005
3.546		87342	43380
3.58		1572717	1172472
3.616		10373	5470
3.631		11907	6662
3.654		80276	51870
3.688		388394	222096
3.703		194511	100576
3.748		779308	446625
3.76		1671664	837843
3.798		1893604	1425727
3.858		1888814	1234427
3.899		147345	103229
3.927		1132894	813247
3.955		771413	682530
3.977		211243	113994
4.053		1217037	872486
4.077		433210	289136
4.109		469517	334725
4.143		1077201	1048155

RT A	Compound A	Height A	Area A
4.184		315400	250926
4.231		27102	20917
4.27		55588	39186
4.306		911369	699725
4.324		115686	59015
4.349		176323	142021
4.419		175909	149686
4.462		1196369	1113030
4.497		37380	25083
4.559		21420	16956
4.601		202721	199391
4.654		109339	73331
4.67		362954	261751
4.715		717145	841991
4.763		1263510	1399853
4.802		312050	218509
4.841		2791439	2545877
4.885		41444	34098
4.928		370126	395991
4.962		47812	32562
4.988		443663	416272
5.041		2680966	3326033
5.092		545148	501913
5.132		1157573	1298590
5.174		10772	5597
5.211		240356	282771
5.245		2449671	2247330
5.266		61203	31726
5.285		36292	18722
5.311		1321218	1204259
5.353		813180	753339
5.447		308339	253258
5.472		1516673	1332803
5.528		852590	778143
5.567		498042	492665
5.608		126064	124664
5.65		534615	564964
5.706		3647836	4015357
5.852		1630	726
5.91		2208273	2190547
5.941		95712	66036
5.964		517704	604007
6.007		4734	5597
6.1		278407	273391
6.162		53440	38003
6.179		342297	268431
6.292		3027	2731
6.332		818060	850578
6.377		53439	46620
6.533		343662	353767
6.638		1560	505
6.679	DCB	5185507	5238829
6.81		3866	4039
6.941		1287	1052
7.085		5225	11557
7.14		3375	2595
7.181		1320	632
7.247		1823	781
7.374		483	4134
7.474		1310	629
7.594		1734	497
7.709		3257	9222
7.732		1293	330
7.844		2228	1163
7.867		1424	447
7.895		1528	402

RT A	Compound A	Height A	Area A
7.971		1057	1233
8.084		1798	6482
8.119		2135	485
8.197		1789	651
8.335		1497	972
8.372		1379	1382
8.605		1439	603
8.627		1659	612

LANCASTER LABORATORIES

Sample Number: IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:20:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0032.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.555		7032	6421
1.588		4037	3580
1.659		8091	8038
1.762		12027	8524
1.832		2859	5724
1.867		10687	8273
1.967		85207	76659
2.029		14510	22857
2.071		13394	9423
2.092		27413	17252
2.172		13881	12398
2.209		1709	825
2.27		19735	18629
2.337		16640	12897
2.367		13074	8541
2.401		2339	1674
2.462		14142	10942
2.556		19937	19415
2.584		25081	16107
2.609		3218	1795
2.653	TCX	16117830	9573002
2.696		116174	84034
2.736		11885	11369
2.824		298378	207588
2.85		2825	1372
2.871		149528	70520
2.884		228803	114448
2.91		6842	4166
2.937		1315287	841691
2.987		43986	30862
3.048		194558	125212
3.079		9523	8365
3.144		1793437	1750635
3.195		223066	135169
3.216		114332	63418
3.241		150344	85278
3.265		1727670	1150180
3.302		70316	42572
3.329		7217	3241
3.348		458303	241334
3.363		262434	122407
3.391		5806	2585
3.413		971416	450004
3.423		1930417	838200
3.442		75383	26632
3.457		1791259	1187788
3.53		1944148	1185283
3.565		1329270	791261
3.588		1471943	804583
3.606		454171	233161
3.691		1591943	1041574
3.714		577627	320156
3.735		528770	313768
3.765		368173	196202

3.783		1042997	632371
3.825		356296	249540
3.872		52137	53024
3.895		142364	83398
3.916		1288773	830780
3.942		179550	108750
3.961		27999	13042
3.981		188957	120105
4.017		1202207	851803
4.051		59046	35664
4.066		78646	50195
4.112		6321	3271
4.129		10054	7008
4.153		115655	139843
4.195		6678	3086
4.22		296808	213905
4.263		395698	241806
4.281		268101	123667
4.294		968243	554613
4.321		543881	541075
4.373		2868243	2178576
4.418		51593	50653
4.443		204016	135236
4.468		616729	463052
4.511		3380604	2516944
4.614		2737808	2577315
4.667		348510	285400
4.706		738554	626850
4.742		3118063	2638069
4.775		1700669	1180472
4.813		1137490	865105
4.884		4711	4637
4.913		386971	385834
4.965		2096878	1624209
4.989		227495	149582
5.04		1071572	961742
5.075		513607	410669
5.105		394253	323496
5.137		122266	75266
5.159		4329332	3487257
5.2		77599	58381
5.232		233097	192705
5.351		44200	28532
5.374		832547	691212
5.418		2525829	2759979
5.574		223624	192640
5.619		54285	37795
5.643		208176	165422
5.691		440695	388112
5.8		820993	711701
5.831		45800	33897
5.999		385394	331425
6.158	DCB	5928395	5409354
6.608		4888	7857
7.207		1590	2938
8.138		1480	1822
8.298		6241	13011

IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082

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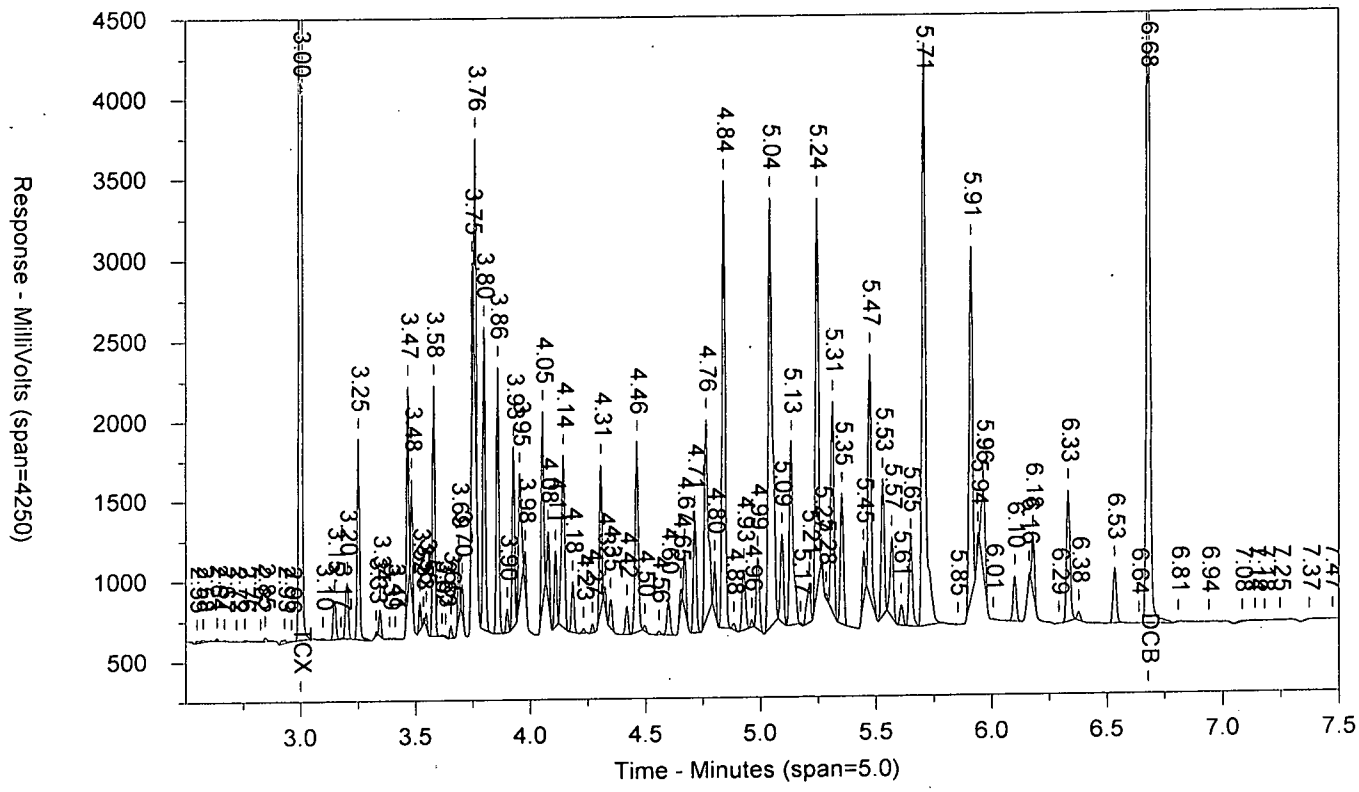

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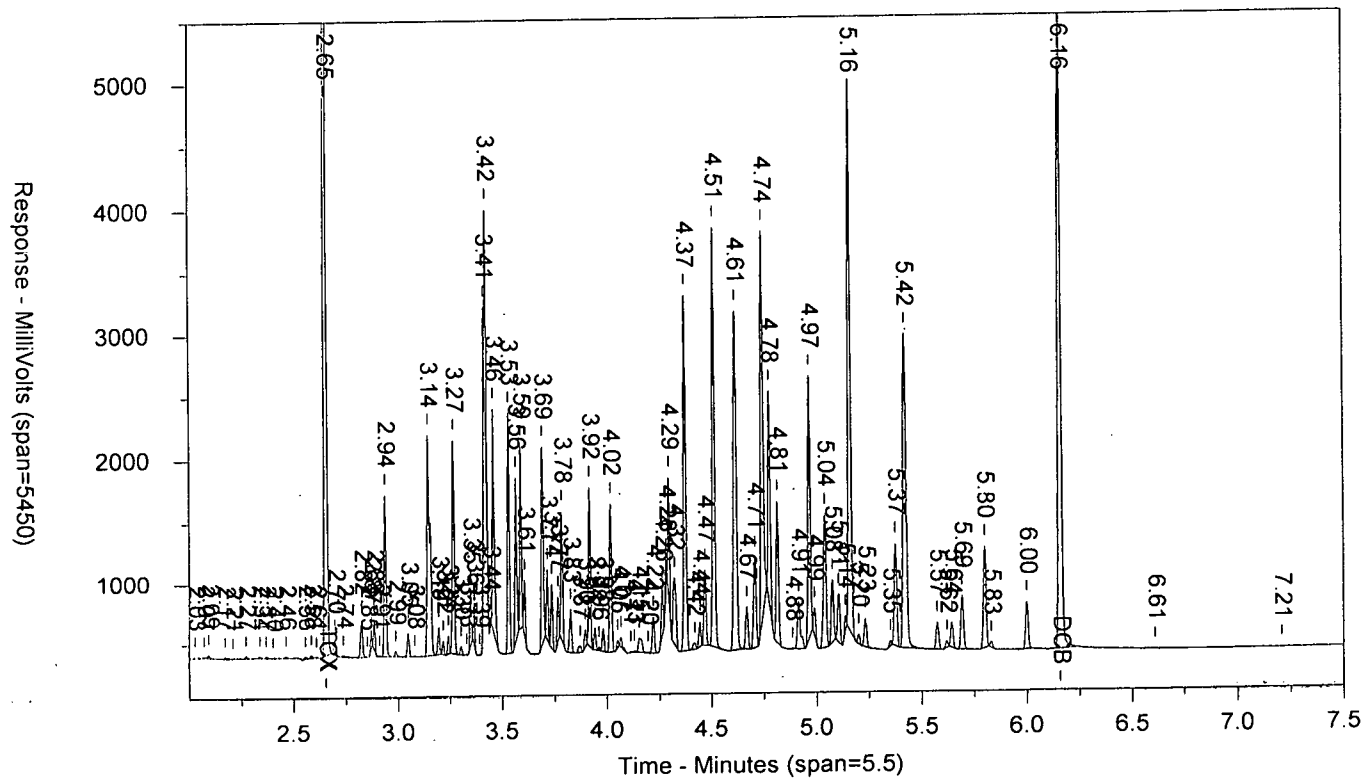

LANCASTER LABORATORIES

Sample Number: IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:20:00 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	15202140	40.164	TCX	2.653	16117830	41.474	TCX
6.679	5185507	38.417	DCB	6.158	5928395	37.214	DCB

Files:
Area File: 07pcbs17250001.0032.RAW
Area File: 07pcbs17250001B.0032.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:28:43 AM
File Reported On: 9/8/2017 at 4:28:56 AM

IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082

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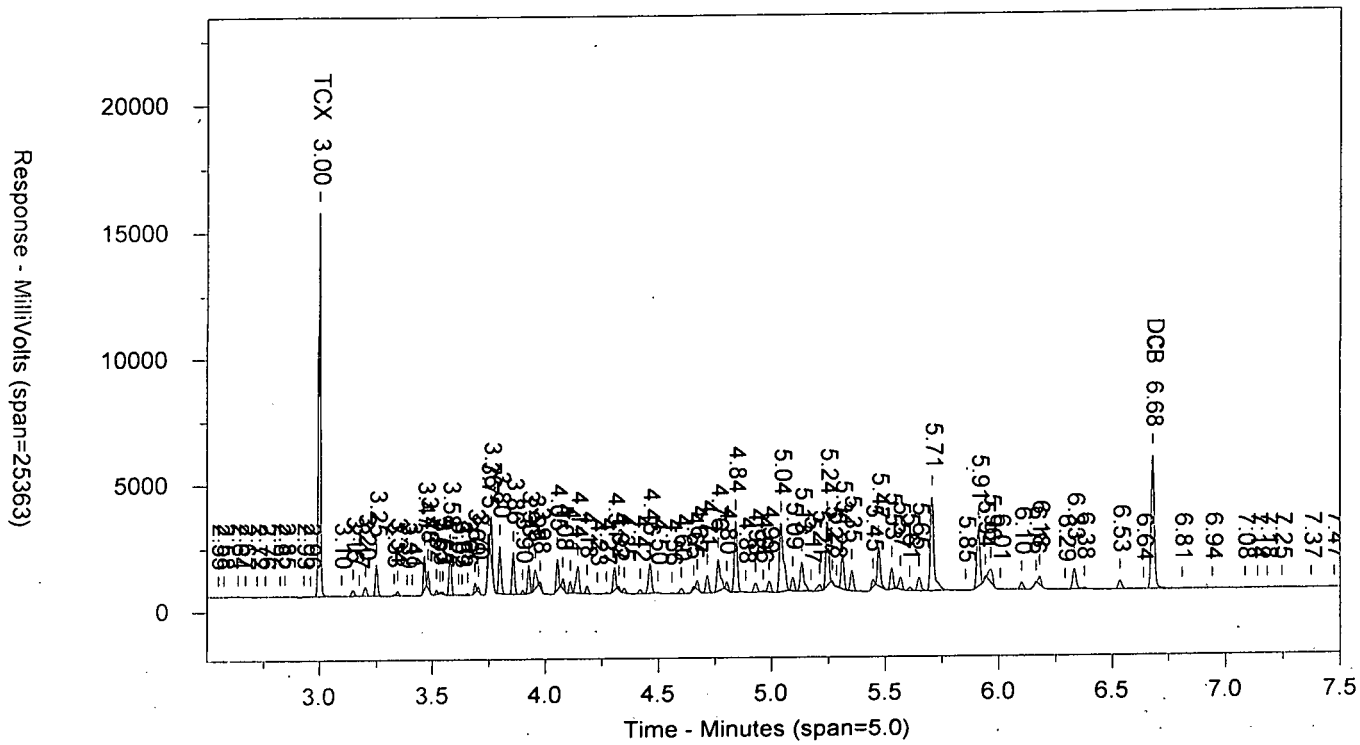

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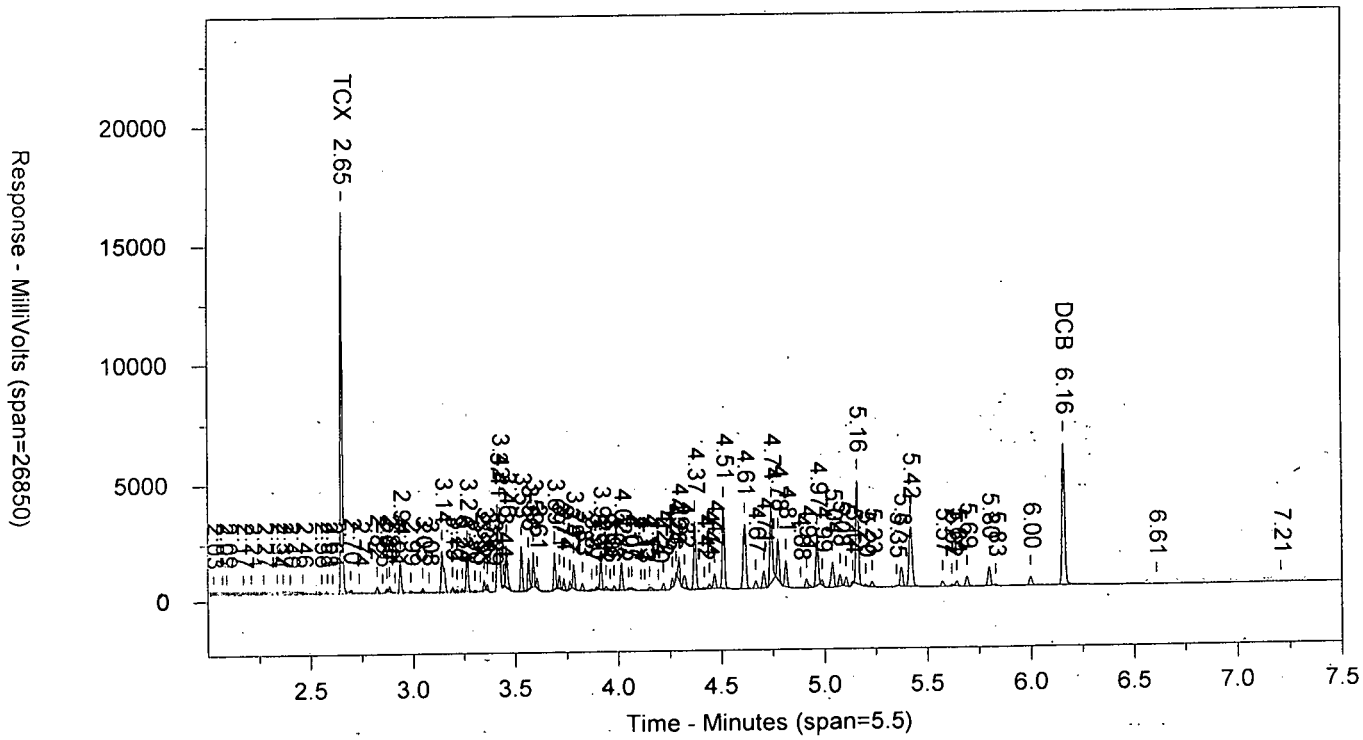

IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082

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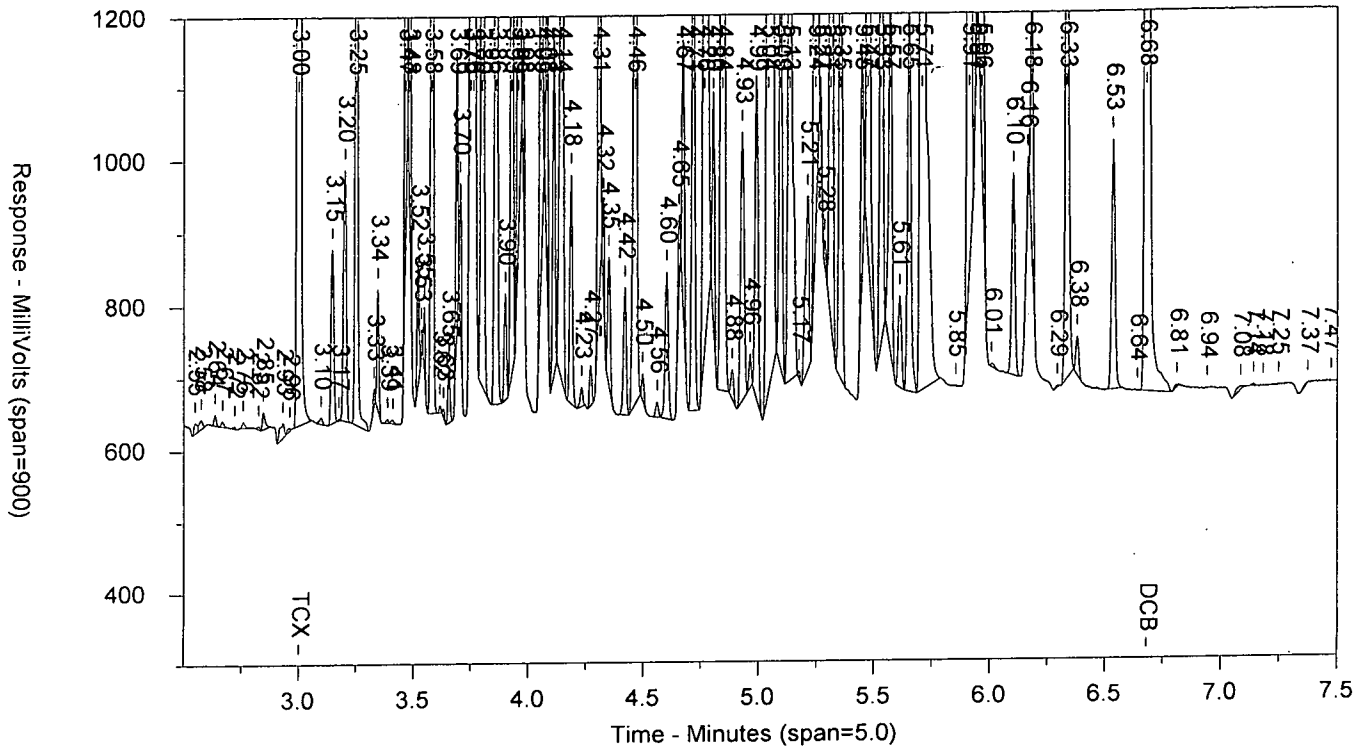

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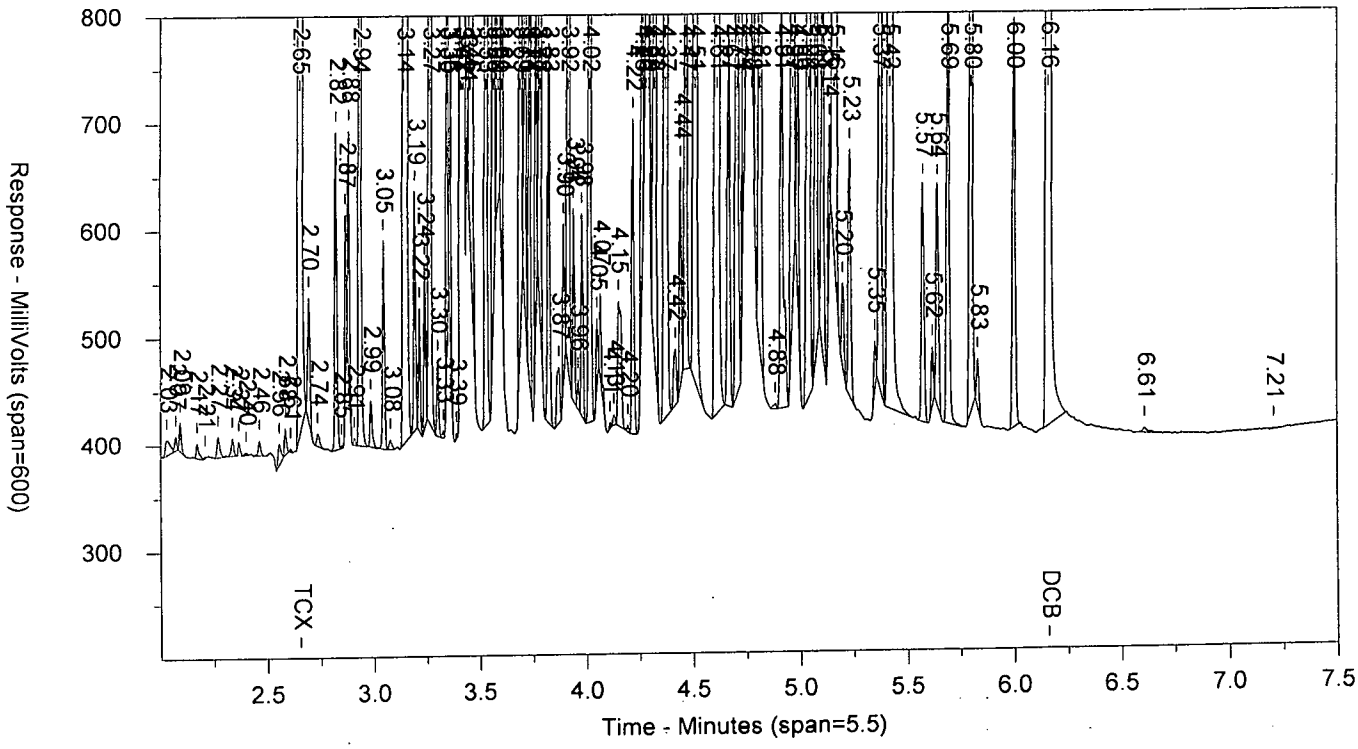


LANCASTER LABORATORIES

Sample Number: IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:31:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0033.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.533		4252	3159
1.64		7317	9200
1.749		7275	5848
1.79		4988	5410
1.857		7114	4682
1.964		8513	6287
2.07		15814	10739
2.113		11460	23642
2.147		24235	38581
2.176		23453	24432
2.22		3007	3003
2.294		74870	65819
2.388		19933	18845
2.404		27182	18296
2.433		6568	6944
2.478		11800	8067
2.553		10489	11411
2.573		17987	15643
2.666		15027	12594
2.758		17611	16737
2.845		46209	37763
2.932		25417	35966
2.953		2523	1302
2.999	TCX	15010750	9509782
3.097		17904	15535
3.148		53738	44162
3.177		7401	3776
3.196		208416	144397
3.25		204224	149306
3.328		32918	18149
3.343		37648	20612
3.387		1945	1145
3.404		10425	9197
3.465		643479	395939
3.482		226317	118271
3.518		50349	28333
3.535		15609	6400
3.579		632402	455466
3.617		5265	2805
3.633		8437	4505
3.654		60588	39661
3.688		137311	81359
3.703		37369	17765
3.747		640767	359217
3.759		584457	291978
3.798		810282	658729
3.857		881500	668553
3.899		142974	101068
3.926		1499080	1099446
3.954		1009373	773386
3.976		273287	155309
4.053		1727360	1244517
4.078		544911	352134

RT A	Compound A	Height A	Area A
4.109		650839	467758
4.143		1553621	1398352
4.184		525963	415156
4.23		56391	44765
4.27		175036	134321
4.304		1192306	832669
4.324		1616802	1044437
4.348		1818608	1380398
4.418		167161	158087
4.454		1346712	1102643
4.474		373302	211168
4.496		423916	294244
4.537		29357	19137
4.56		107508	80795
4.601		514778	467966
4.652		706804	610051
4.685		435856	324490
4.715		1241461	1087428
4.762		15245	10072
4.798		448727	428248
4.841		97881	119291
4.888		121748	109910
4.928		766139	719208
4.962		15944	10280
5.008		62953	77669
5.04		44862	29765
5.055		36111	22952
5.092		3498	2242
5.127		582610	598429
5.172		16555	11582
5.204		47421	50275
5.245		147310	134721
5.266		8611	3971
5.284		9241	5747
5.312		6177	4204
5.349		4658	3242
5.384		4899	6013
5.45		54852	48504
5.471		7189	3946
5.524		3704	2617
5.563		6935	9834
5.606		37638	35561
5.647		28609	26068
5.67		5533	4951
5.706		14956	10282
5.729		82737	76462
5.783		1382	1091
5.875		1618	1835
5.91		28339	27539
5.959		13140	23046
6.011		1993	1470
6.057		1316	774
6.098		191336	186834
6.162		222735	269230
6.302		1101	1706
6.333		8381	8314
6.482		1406	459
6.498		1835	1188
6.531		115603	114630
6.62		921	242
6.678	DCB	4997899	5125872
7.072		1457	503
7.138		3035	3584
7.256		1491	447
7.338		1570	401
7.392		1353	969

RT A	Compound A	Height A	Area A
7.412		2077	846
7.44		2404	1038
7.605		1632	372
7.673		2187	432
7.8		1780	786
8.049		1640	564
8.083		1629	698
8.196		1861	724
8.364		1713	512
8.4		1480	496
8.534		1557	633
8.572		2028	689
8.685		1202	1070

LANCASTER LABORATORIES

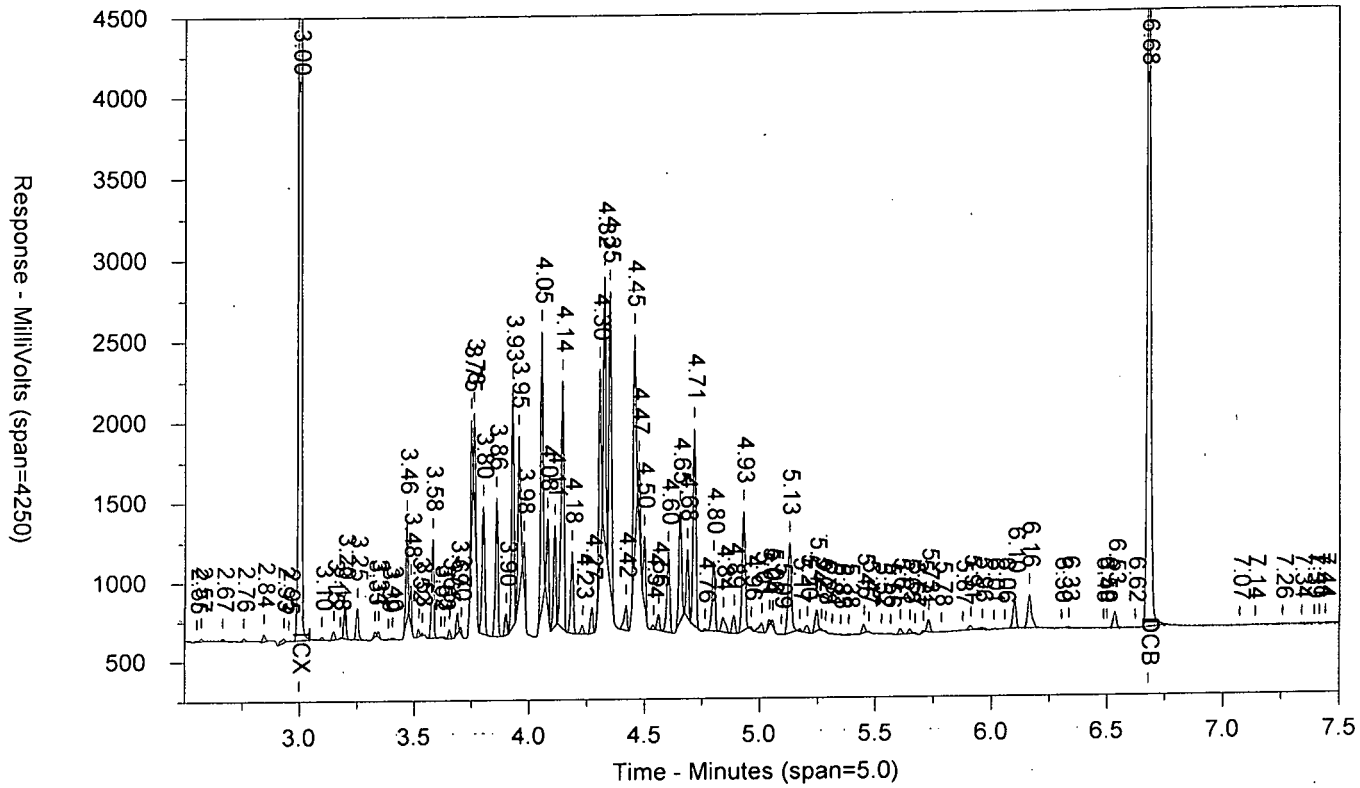
Sample Number: IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:31:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250001B.0033.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		17821	13442
1.588		4584	4296
1.656		19308	13680
1.761		21641	15523
1.832		3575	6056
1.865		22246	15203
1.898		1896	1360
1.927		2505	1985
1.967		90137	76801
2.033		16313	25753
2.071		23300	15655
2.092		25186	14896
2.172		25200	19582
2.226		3532	5233
2.271		31283	24578
2.324		3619	4702
2.368		23258	17160
2.422		2716	2305
2.462		23730	18942
2.515		12009	22356
2.556		32480	30111
2.584		48288	39084
2.653	TCX	15646850	9256385
2.695		11666	6066
2.738		19736	18539
2.825		80473	62347
2.871		209905	142798
2.91		15814	11740
2.937		207257	128746
2.988		44924	37700
3.048		54480	32989
3.077		15215	13604
3.115		2368	1816
3.144		819219	744808
3.195		64499	36695
3.217		29643	17530
3.241		24239	15031
3.265		654739	445975
3.303		55158	35520
3.329		10624	4317
3.348		152923	81042
3.363		55030	24402
3.391		6559	3484
3.413		650955	304755
3.423		708098	297105
3.443		148232	59271
3.456		715769	447343
3.53		996268	633558
3.565		1759448	1073648
3.588		1673262	908550
3.606		539786	281908
3.691		2142758	1377445
3.714		681638	376949
3.735		718405	432616

3.765		347215	183221
3.783		1560225	942755
3.825		596348	419277
3.873		125510	104906
3.894		1186327	721099
3.917		3001954	1852968
3.942		2081985	1269830
3.961		175179	83985
3.98		162300	93620
4.017		826606	586059
4.052		1483484	1124666
4.08		751989	426671
4.127		108196	74198
4.162		503028	373740
4.22		857524	641100
4.253		497998	352765
4.281		1280883	951349
4.318		22621	20888
4.374		513657	488687
4.41		133412	96520
4.442		847075	615391
4.466		21323	10347
4.485		12255	7000
4.51		83620	55836
4.535		64236	47034
4.609		122350	122239
4.662		809545	654814
4.714		43553	52678
4.743		216995	198313
4.789		23889	15266
4.811		4864	3301
4.931		10654	9628
4.965		11772	8100
4.989		79397	62082
5.034		10578	11839
5.074		3729	2218
5.11		33205	26320
5.136		31466	22258
5.158		16160	10345
5.232		97997	86770
5.35		1482	1028
5.374		10105	7887
5.419		25192	26989
5.574		158322	133912
5.643		181012	157876
5.692		37078	32419
5.799		7668	5771
5.999		118080	102105
6.029		2687	1531
6.158	DCB	6035548	5368960
6.305		1868	1341
6.609		3866	3181
7.239		2061	3865
7.683		1740	1740
8.289		4806	7054

IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0033.RAW



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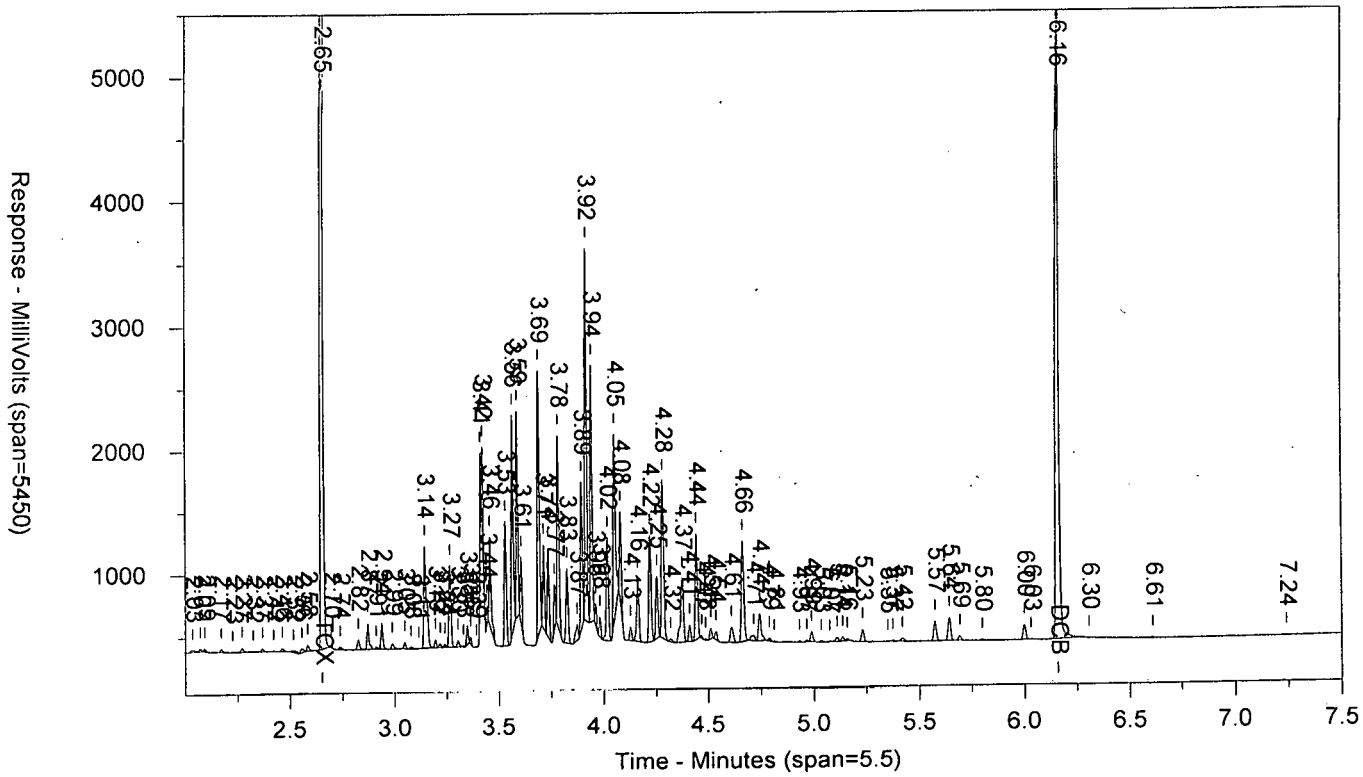

LANCASTER LABORATORIES

Sample Number: IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:31:17 AM
Sample Weight: 1
Dilution Factor: 1
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: 8
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
2.999	15010750	39.658	TCX	2.653	15646850	40.262	TCX
6.678	4997899	37.027	DCB	6.158	6035548	37.887	DCB

Files:
Area File: 07pcbs17250001.0033.RAW
Area File: 07pcbs17250001B.0033.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:40:00 AM
File Reported On: 9/8/2017 at 4:40:06 AM

IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082

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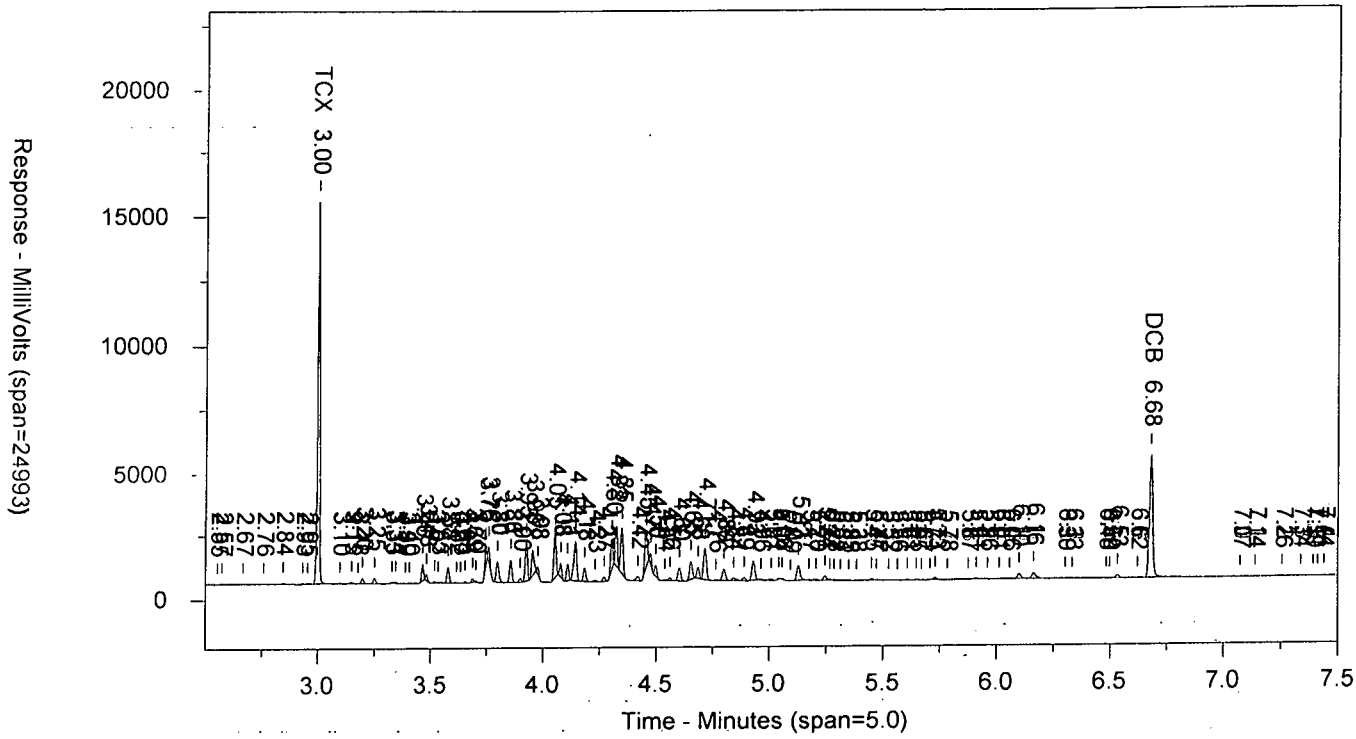

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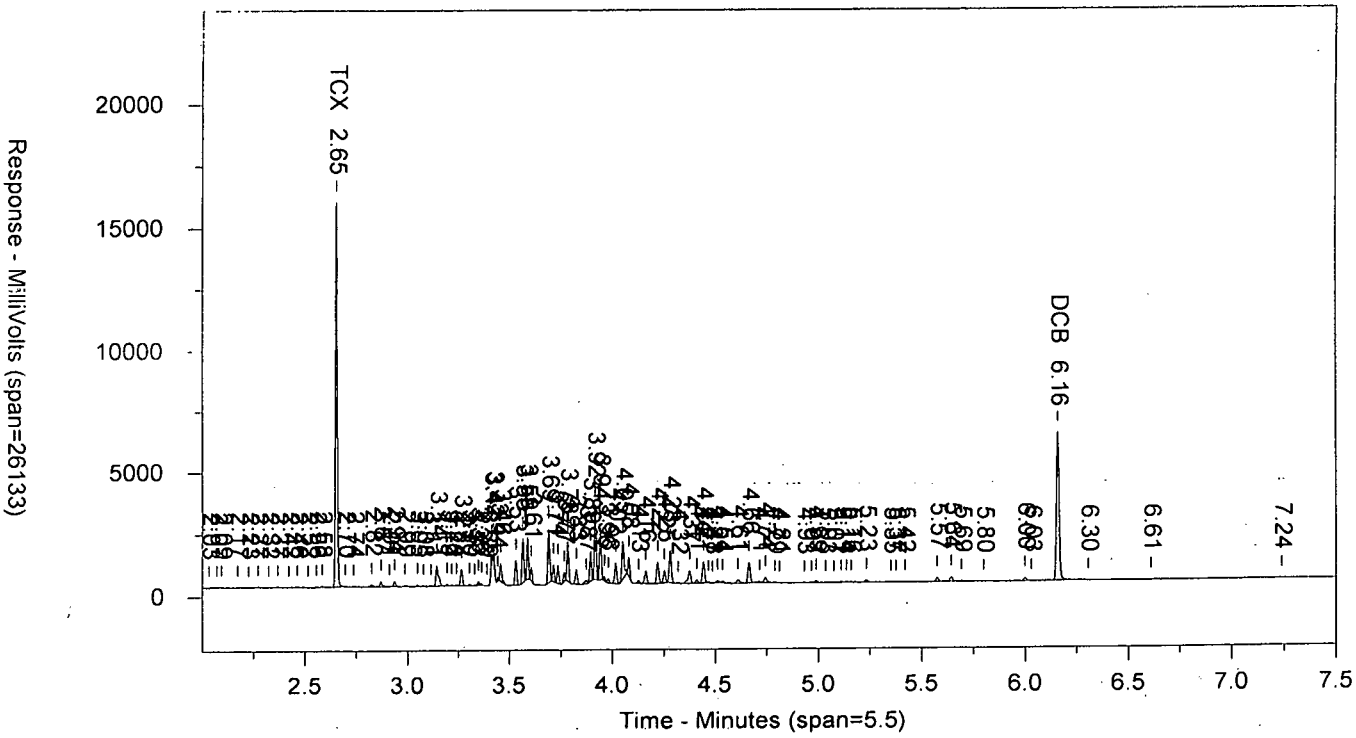

IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082

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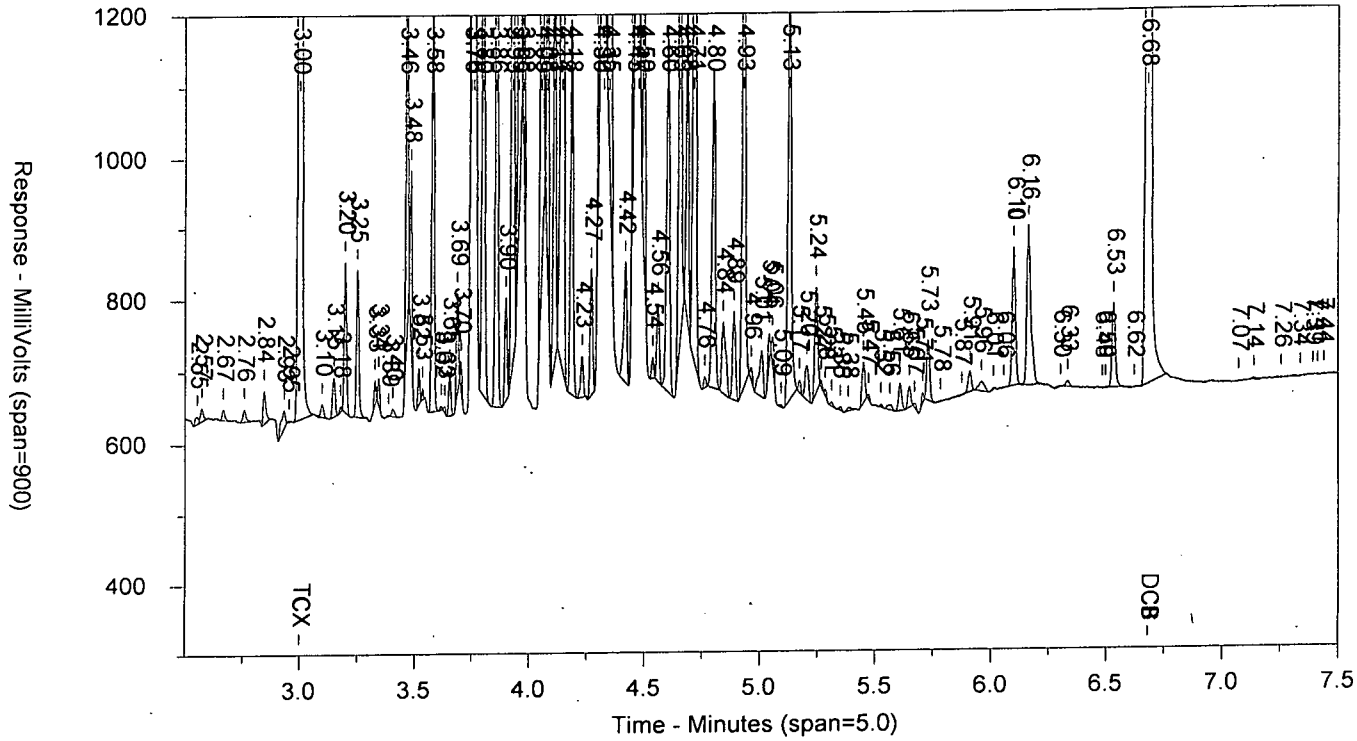

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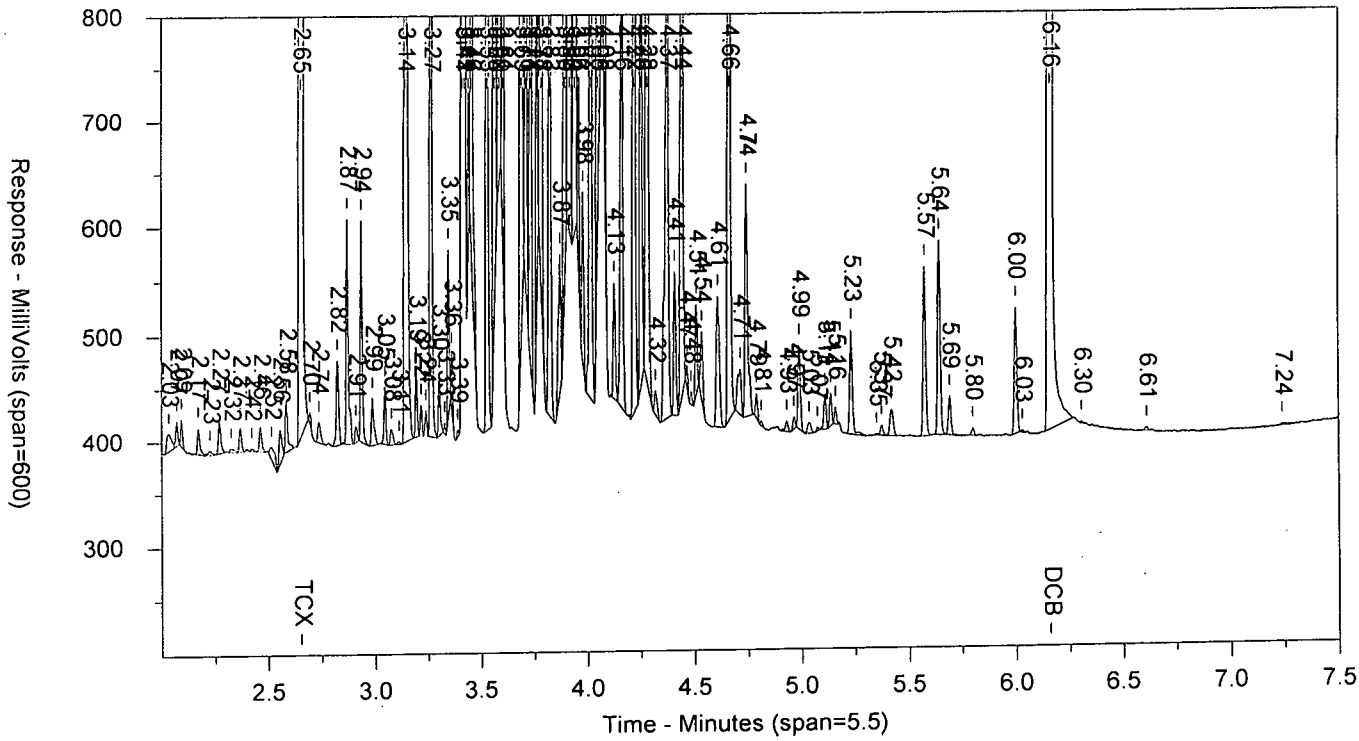

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:42:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001.0034.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.632		5587	4786
1.79		4761	2537
1.857		5117	3565
1.964		4827	4252
2.069		9858	6121
2.114		17560	34718
2.151		23753	33920
2.177		18542	21605
2.295		37053	31619
2.39		36304	22968
2.436		6113	5392
2.481		6846	4694
2.553		11356	12144
2.574		12768	12195
2.668		11295	12124
2.757		9104	7886
2.845		28846	22162
2.931		26372	47714
2.952		3547	2887
2.999	TCX	7419152	4707153
3.098		8213	7074
3.146		11098	8794
3.178		3812	1949
3.197		108740	71472
3.251		39916	31606
3.328		20253	13257
3.405		4113	3373
3.465		65180	40378
3.482		22102	11639
3.519		2735	1538
3.535		22403	15637
3.579		61611	44330
3.631		7543	3868
3.655		59011	41471
3.688		16670	9412
3.703		5636	2684
3.748		47441	25690
3.76		26120	26490
3.8		151427	123920
3.857		83374	60345
3.9		11950	6995
3.927		1426365	1067217
3.953		409221	414148
4.004		5517	2855
4.053		917428	692750
4.078		61731	38120
4.109		121912	84296
4.143		429931	407836
4.184		91856	74675
4.218		4033	1833
4.232		17264	9967
4.269		88411	62575
4.306		2031405	1452273

RT A	Compound A	Height A	Area A
4.324		825690	469122
4.35		657294	545156
4.419		670020	563991
4.461		3294854	3552195
4.496		1319790	1048025
4.538		50683	33295
4.56		244090	186464
4.603		1254863	1114049
4.652		2217183	1884538
4.684		520400	351264
4.714		4621243	3987342
4.764		237534	164850
4.78		75148	34686
4.8		628989	470359
4.819		3120	664
4.841		1441821	1439318
4.888		289443	258926
4.929		2682048	2608968
4.959		52762	34364
4.988		273365	218155
5.007		22693	16805
5.041		786623	599211
5.055		293570	181297
5.092		36030	28369
5.128		1599972	1693326
5.174		202629	149900
5.198		78484	51049
5.21		49248	29503
5.245		2145899	1905599
5.267		98144	50784
5.284		83267	53474
5.311		76722	57554
5.352		88675	87529
5.45		604988	524346
5.472		138865	91125
5.529		112862	97021
5.567		102402	96883
5.607		33582	30444
5.646		420117	386244
5.671		55560	38941
5.706		344420	298387
5.728		16714	11151
5.834		1538	356
5.87		1514	1588
5.909		315747	304770
5.939		49760	59028
6.017		3683	5398
6.099		101219	98648
6.162		122928	170918
6.3		2713	4359
6.332		18507	18725
6.499		1427	696
6.507		1472	480
6.531		54485	52830
6.677	DCB	2419110	2675321
6.89		1658	692
6.957		1624	1355
7.025		1635	672
7.062		1538	525
7.079		1154	590
7.102		1616	432
7.141		2035	2384
7.204		1505	969
7.362		2506	845
7.403		1917	2196
7.446		1613	581

RT A	Compound A	Height A	Area A
7.493		1817	781
7.586		1637	777
7.668		1456	255
7.704		2062	996
7.901		1748	392
7.98		1302	852
8.031		2339	560
8.052		1868	545
8.146		1901	943
8.17		1496	407
8.2		1541	496
8.25		1606	368
8.341		1270	905
8.432		1330	406
8.465		1531	534
8.474		1645	693
8.499		**2134**	**441**
8.542		2113	721
8.656		1860	506

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:42:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
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: 07pcbs17250001B.0034.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		10955	9161
1.588		4929	6160
1.656		12138	8792
1.76		14986	11025
1.833		5305	6276
1.865		12931	9343
1.927		1698	1171
1.966		56150	64686
2.031		15107	23511
2.071		15371	10615
2.092		12886	8083
2.172		13458	8389
2.21		1905	927
2.27		21298	18296
2.325		3297	4868
2.367		15895	13152
2.462		14564	11624
2.51		12311	31554
2.555		29032	29248
2.583		33877	26596
2.653	TCX	7944299	4740235
2.736		11884	11289
2.779		2211	1818
2.824		24009	25232
2.87		113422	72377
2.909		9039	6908
2.936		36292	24435
2.987		22711	19602
3.047		7201	4233
3.076		7869	7953
3.143		85515	89051
3.195		5999	2945
3.218		31588	19354
3.239		5148	3083
3.266		66238	46543
3.303		56920	38270
3.348		17880	8690
3.363		9329	4541
3.395		2985	2180
3.413		53506	24056
3.422		32190	11489
3.442		33478	15123
3.457		117297	88654
3.531		89343	57254
3.565		1750330	1043449
3.588		586867	332729
3.605		53046	22677
3.623		10556	5538
3.69		1095687	684473
3.714		87285	46503
3.735		136670	90649
3.766		100695	51769
3.783		383079	230331
3.824		117671	90002

3.864		94861	80853
3.894		337771	196393
3.916		3981043	2587930
3.942		400396	227028
3.961		401255	220226
3.981		688571	422225
4.017		3429506	2312450
4.049		1301079	793076
4.066		834146	431788
4.127		260750	187942
4.163		1198573	916430
4.219		2736379	1984585
4.253		737652	550354
4.281		4749732	3491407
4.319		339625	325471
4.373		2197151	1836016
4.41		341968	249309
4.443		2882997	2019130
4.467		442890	291614
4.51		1783606	1350620
4.536		87589	51363
4.61		1529495	1590201
4.663		2043310	1648836
4.703		521278	427332
4.743		3297940	3095035
4.789		226062	146558
4.813		107217	72075
4.873		35015	40914
4.914		6609	3839
4.931		144514	107495
4.965		166566	111314
4.989		970357	742277
5.04		127485	104257
5.076		100423	79939
5.106		61625	51611
5.137		411500	312004
5.159		289721	189993
5.176		34904	17390
5.232		56022	50936
5.352		2132	937
5.375		14608	12116
5.417		346229	348447
5.575		81157	67468
5.62		10741	7320
5.643		86997	71302
5.692		29032	24121
5.8		16630	13689
5.999		59138	51376
6.158	DCB	3021252	2725498
6.608		2414	3496
8.292		6122	10291

IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082

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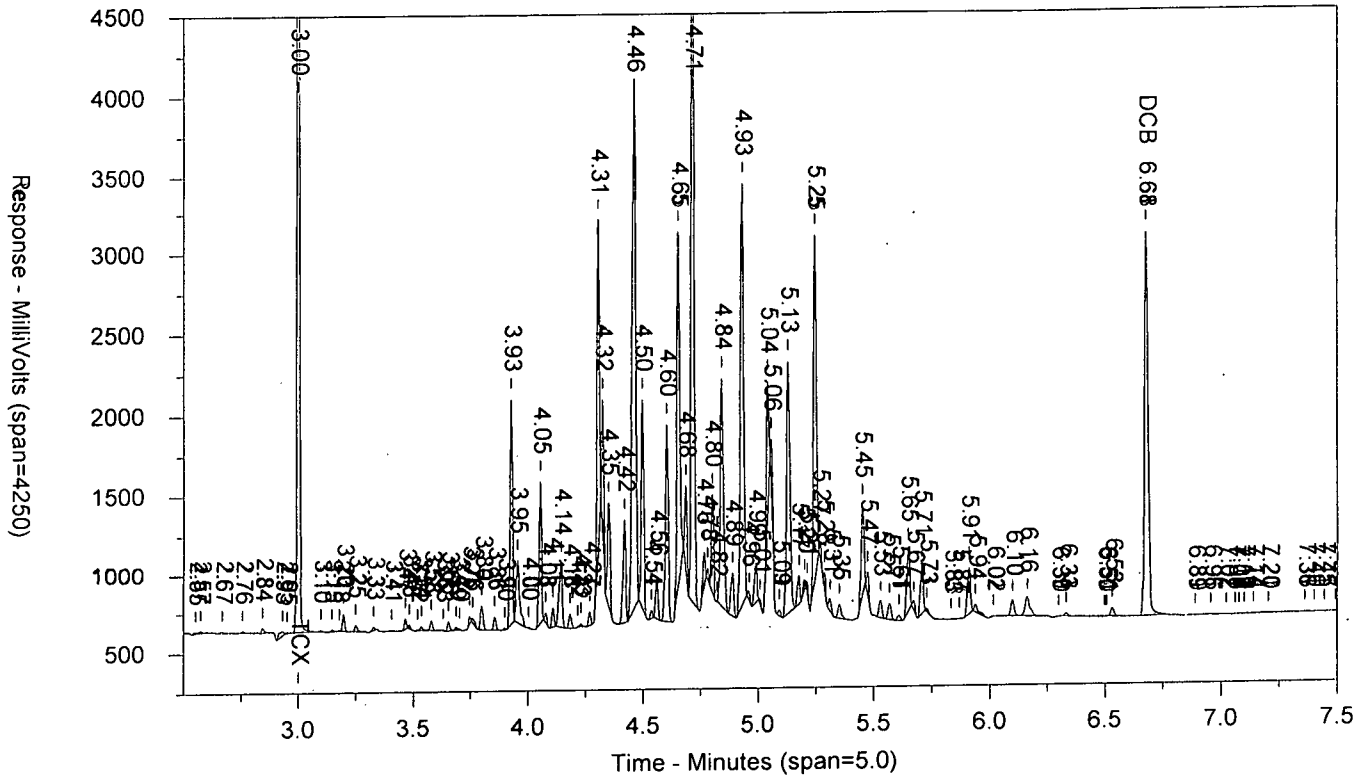

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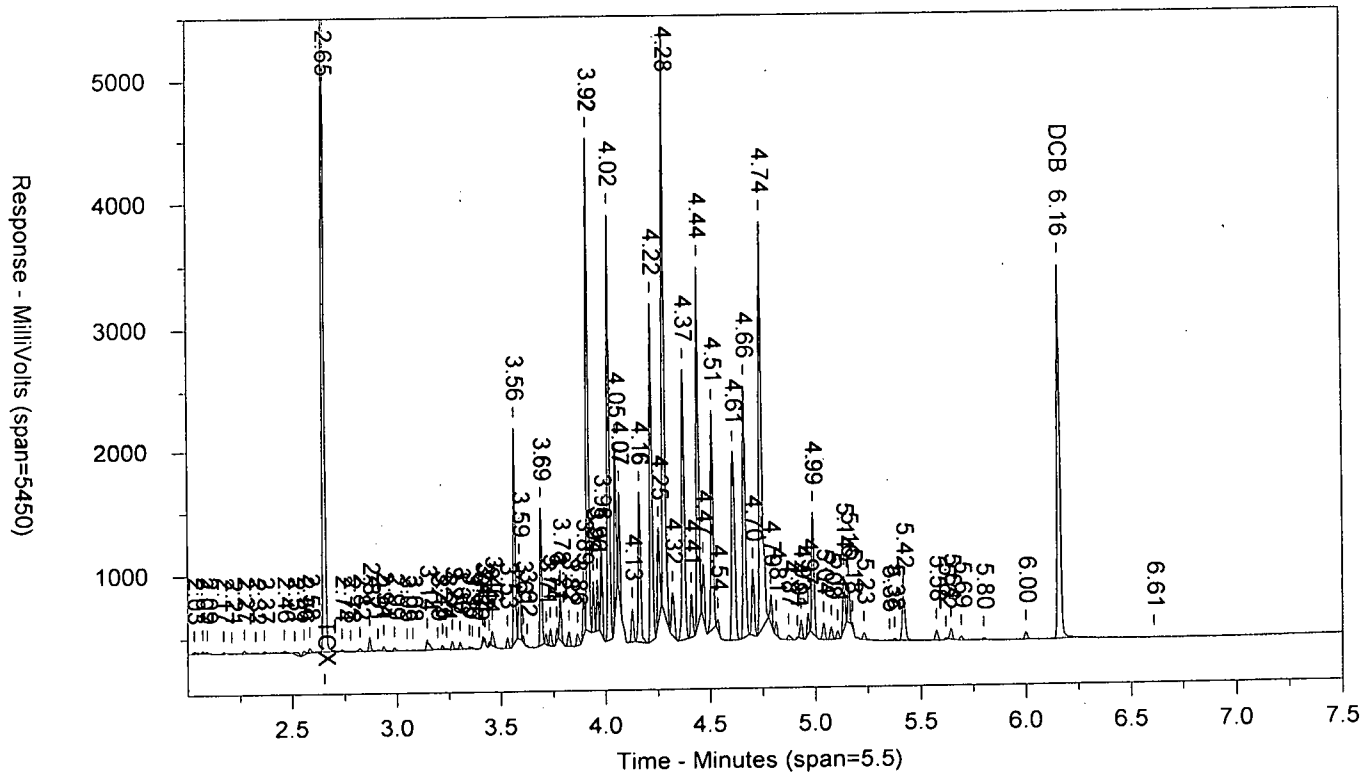

LANCASTER LABORATORIES

Sample Number: IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:42:44 AM
Sample Weight: 1
Instrument ID: CP7-19843A
Dilution Factor: 1
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: 8
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
2.999	7419152	19.601	TCX	2.653	7944299	20.442	TCX
6.677	2419110	17.922	DCB	6.158	3021252	18.965	DCB

Files:
Area File: 07pcbs17250001.0034.RAW
Area File: 07pcbs17250001B.0034.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:51:25 AM
File Reported On: 9/8/2017 at 4:51:36 AM

IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082

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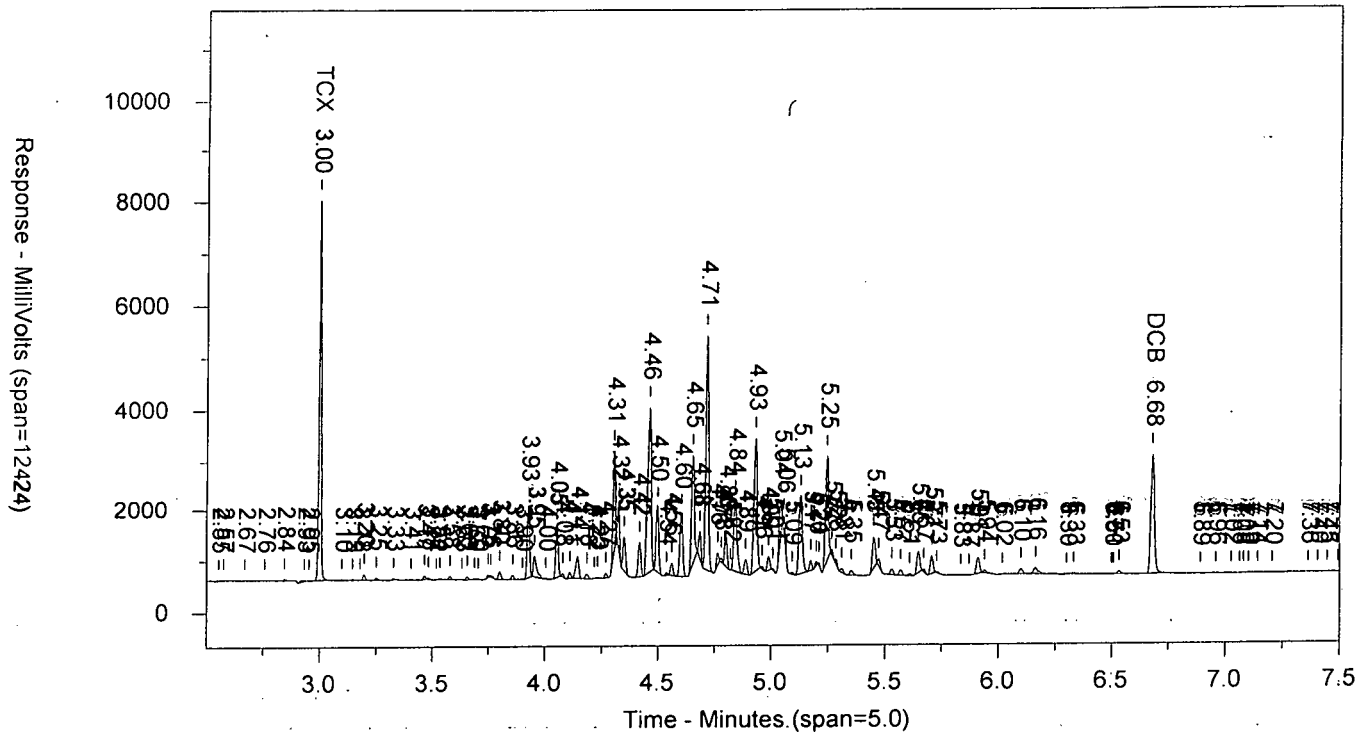

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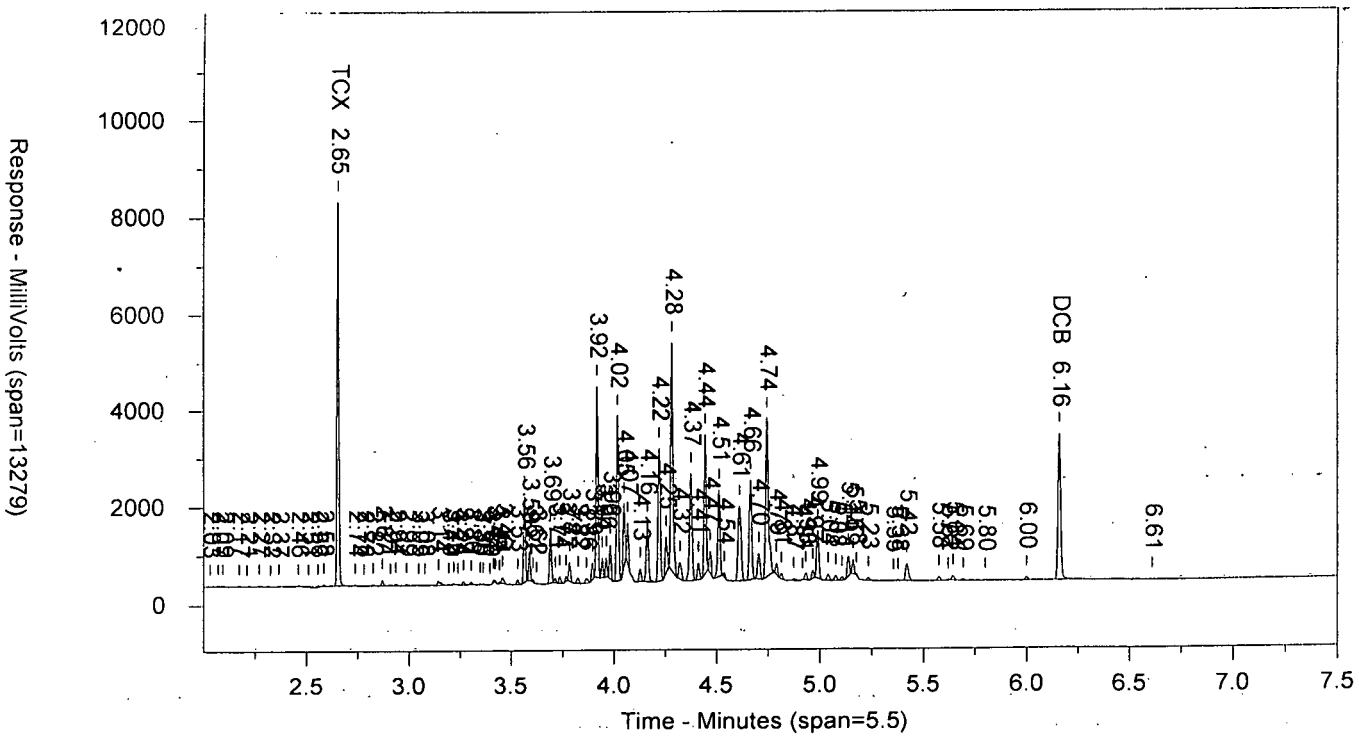

IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082

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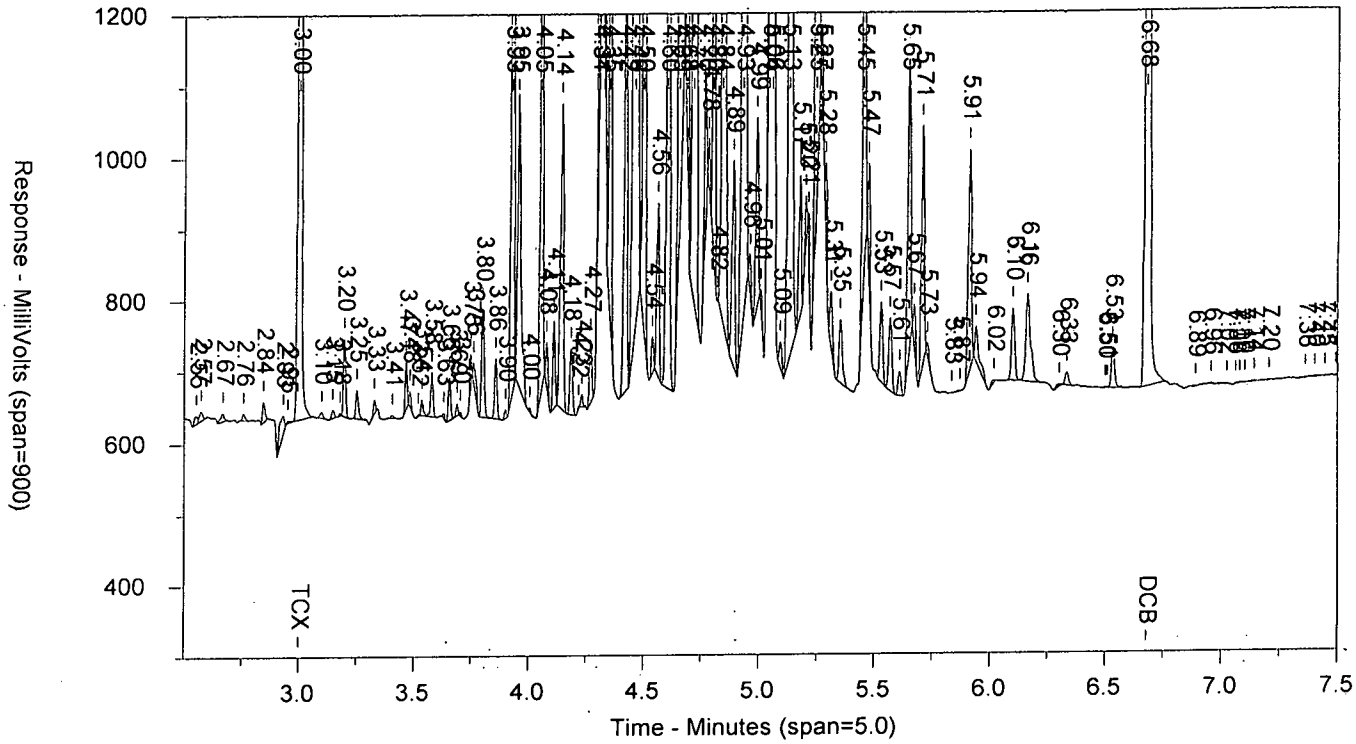

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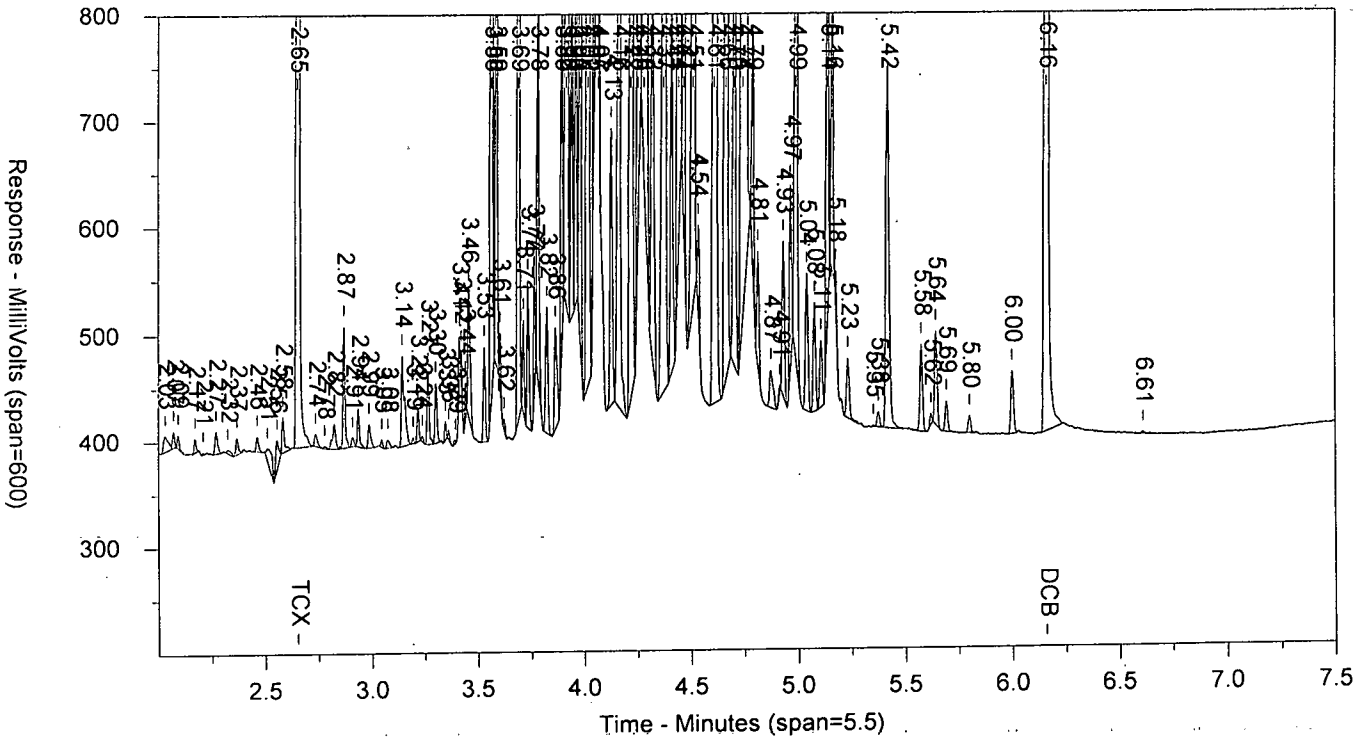

LANCASTER LABORATORIES

Sample Number: AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:39:51 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.074.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6036	7594
2.105		6693	15655
2.187		1096	1726
2.26		21389	14980
2.358		12758	13631
2.392		1749	1508
2.419		745	629
2.517		5327	6801
2.568		452	321
2.596		3795	2349
2.682		626	577
2.704		760	717
2.806		4371	4244
2.873		689	530
2.888		1025	568
2.923		2909	2613
2.96	TCX	4622516	3202469
3.058		2145	1529
3.106		56539	48413
3.161		105439	93744
3.209		372419	271239
3.288		6247	3022
3.303		40657	25721
3.347		951	744
3.374		1351	944
3.426		368019	225071
3.443		169357	93884
3.48		45009	26298
3.495		3957	1402
3.507		26061	13692
3.54		463116	360823
3.579		1726	940
3.598		6601	4022
3.616		11627	7218
3.651		102614	60176
3.666		53474	26806
3.709		184228	112145
3.72		498667	262494
3.757		567207	445196
3.815		515097	393032
3.857		35857	25620
3.885		314549	246219
3.912		219682	183818
3.934		60685	30888
4.008		358137	266726
4.032		131980	85692
4.065		136997	102058
4.097		395002	391175
4.138		127368	102961
4.185		17032	14659
4.224		22165	16435
4.258		336697	249266
4.276		60116	31707
4.3		100855	79746

RT A	Compound A	Height A	Area A
4.371		55116	49752
4.414		377114	377986
4.448		7424	4347
4.552		27596	24145
4.603		38364	28203
4.62		94217	70244
4.664		249822	237601
4.714		372342	426785
4.751		80099	57465
4.79		890602	853088
4.835		2650	1623
4.876		155487	161301
4.91		7628	4868
4.937		168020	161321
4.989		1097164	1411399
5.041		205323	188342
5.08		518539	571253
5.159		101269	123462
5.193		1402981	1510687
5.26		654731	615853
5.302		395336	397307
5.396		171285	138687
5.422		686833	638764
5.478		361885	349163
5.516		203199	209472
5.559		30512	30177
5.599		256186	307725
5.656		1890285	1970757
5.754		13827	41609
5.86		1139424	1094933
5.89		70770	43485
5.916		242726	269867
6.051		89409	285338
6.13		223946	301274
6.175		3235	6706
6.245		3078	3965
6.286		517735	537859
6.33		21286	16518
6.388		4035	3928
6.408		2742	2289
6.433		2436	1687
6.488		118472	115414
6.537		3518	9254
6.55		19477	24036
6.637	DCB	3973030	4255028
6.774		21474	38655
6.84		8120	13788
6.884		15116	32752

LANCASTER LABORATORIES

Sample Number: AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:39:51 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.074.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.015		11211	18640
2.083		15570	13023
2.174		2008	3972
2.215		3693	4500
2.257		3668	6461
2.328		7225	4570
2.392		3569	5860
2.52		2070	1469
2.578		15576	18732
2.642	TCX	7437246	4281414
2.686		52907	35835
2.787		965	714
2.812		115027	73479
2.873		131995	136753
2.925		583998	364776
2.975		18488	11678
3.036		80086	48712
3.085		673	116
3.096		1464	923
3.132		486660	242601
3.143		140111	57748
3.183		91529	56130
3.204		38921	21965
3.23		65813	36842
3.254		690313	463201
3.29		23296	13256
3.319		9291	4318
3.337		184151	97768
3.352		106690	52295
3.379		1548	670
3.402		370220	175197
3.412		812862	363895
3.432		27348	9985
3.446		710945	489585
3.521		766956	491191
3.555		531182	327448
3.579		555019	311377
3.597		187194	98526
3.683		687950	649198
3.726		234708	139695
3.756		146090	75394
3.773		545972	340430
3.814		194477	148013
3.862		25400	21009
3.883		149693	92116
3.906		691201	464177
3.932		153529	106391
3.97		85580	54453
4.005		580670	421838
4.04		23996	14146
4.055		41988	28496
4.117		4710	3729
4.15		39570	32521
4.207		153806	116271

RT B	Compound B	Height B	Area B
4.25		158183	94124
4.28		560830	555983
4.306		236545	241735
4.359		1311299	1040056
4.406		18169	12668
4.429		131685	89960
4.452		293212	223808
4.495		1644052	1333640
4.598		1335814	1277603
4.651		161623	139101
4.689		376662	321610
4.726		1581200	1379690
4.758		816212	569168
4.796		575861	454339
4.896		207414	215176
4.947		1046337	837981
4.971		128827	86678
5.021		537975	509524
5.057		270593	218098
5.086		193391	164119
5.119		61417	37921
5.14		2611779	2141613
5.181		53357	37951
5.213		94085	78994
5.287		22067	55908
5.33		27471	16984
5.353		508817	438541
5.398		1764056	1876298
5.553		62833	54357
5.598		49013	36131
5.62		45270	34419
5.669		297057	272947
5.775		721910	780366
5.973		223096	239069
6.131	DCB	5671336	5101063
6.264		18844	34249
6.437		12852	34353
6.47		4987	4879
6.536		25146	44704
6.581		10602	9106
6.624		17573	31718
6.695		4102	9141
6.766		8120	15485
6.858		31313	59172
6.951		6615	19095

AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082

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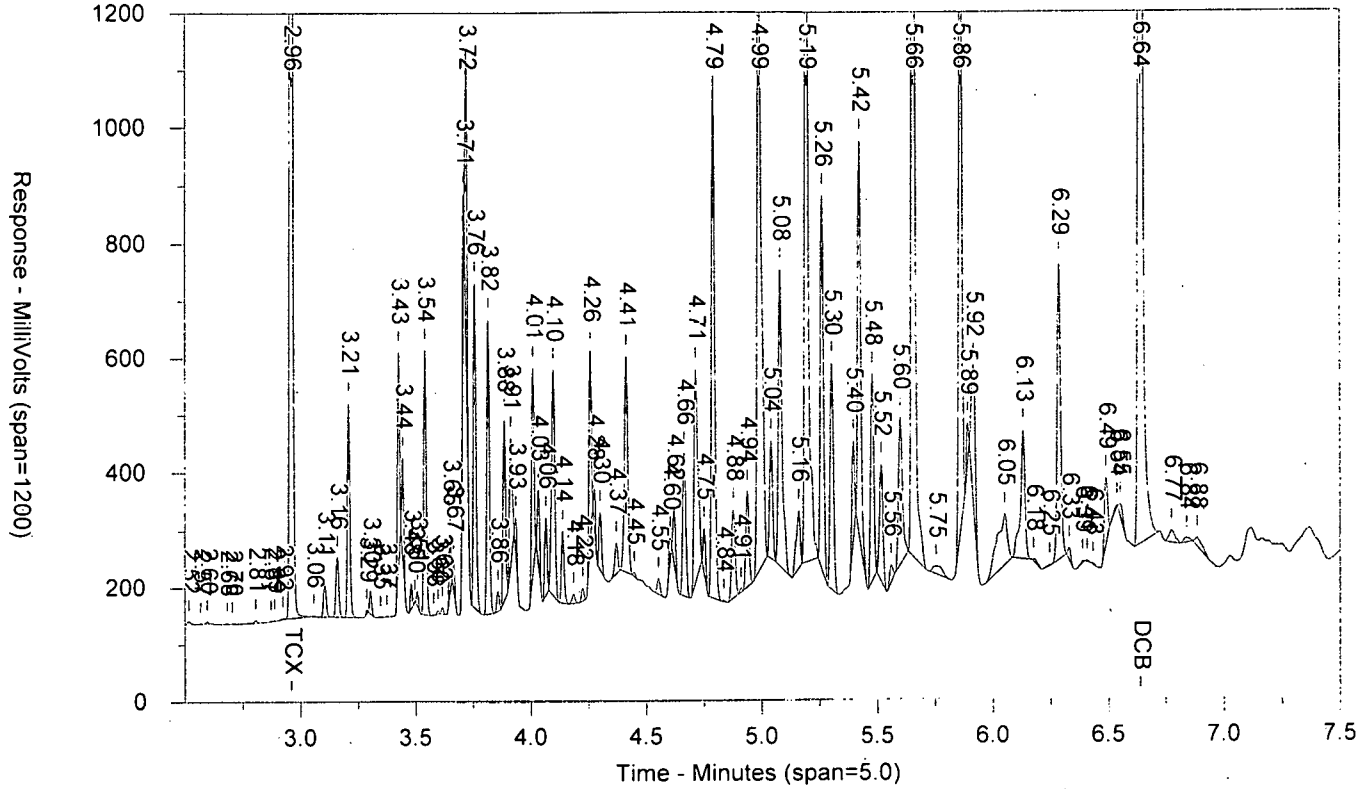

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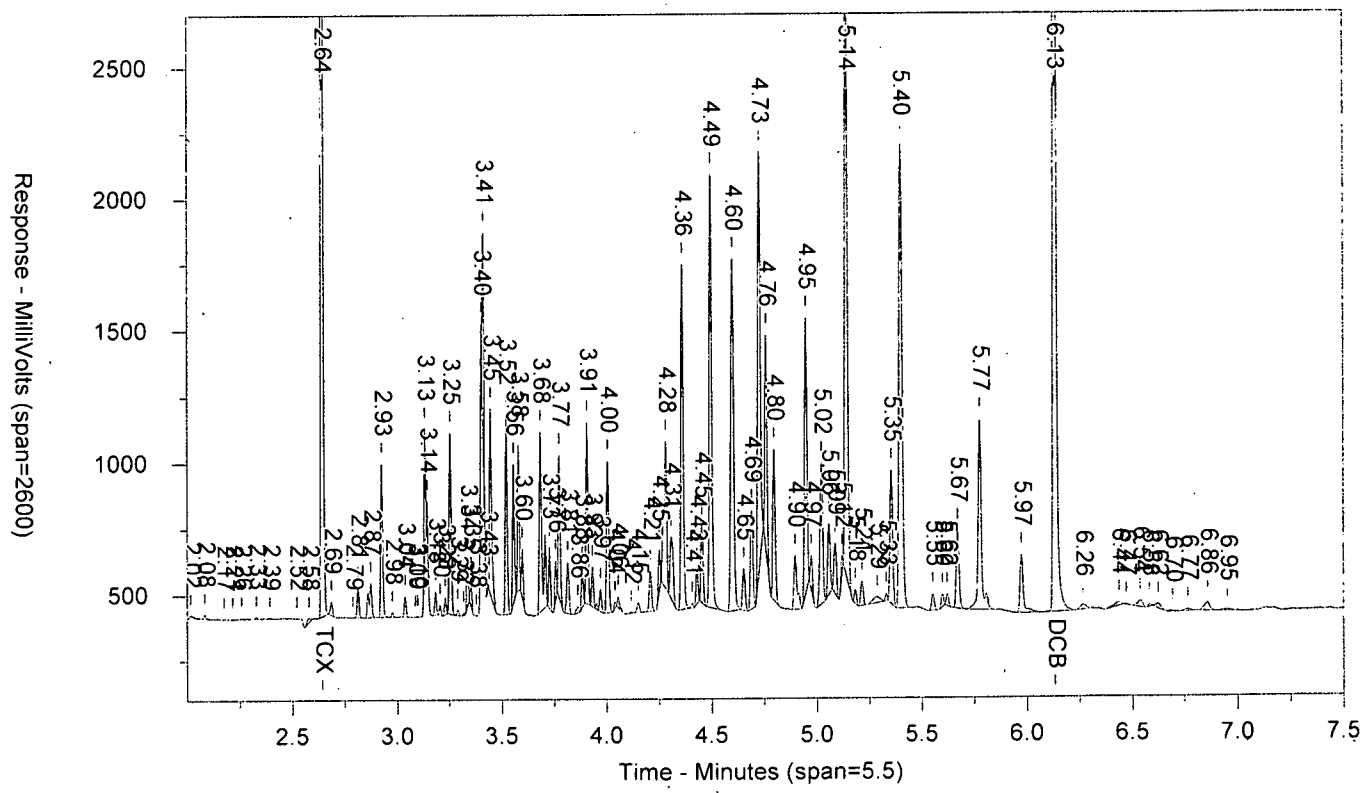

LANCASTER LABORATORIES

Sample Number: AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:39:51 AM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.96	4622516	40.667	TCX	2.642	7437246	41.608	TCX
6.637	3973030	37.31	DCB	6.131	5671336	37.559	DCB

Files:
Area File: 25PCBS17257004.074.RAW
Area File: 25PCBS17257004B.074.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 10:04:35 AM
File Reported On: 9/18/2017 at 10:11:29 AM

AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082

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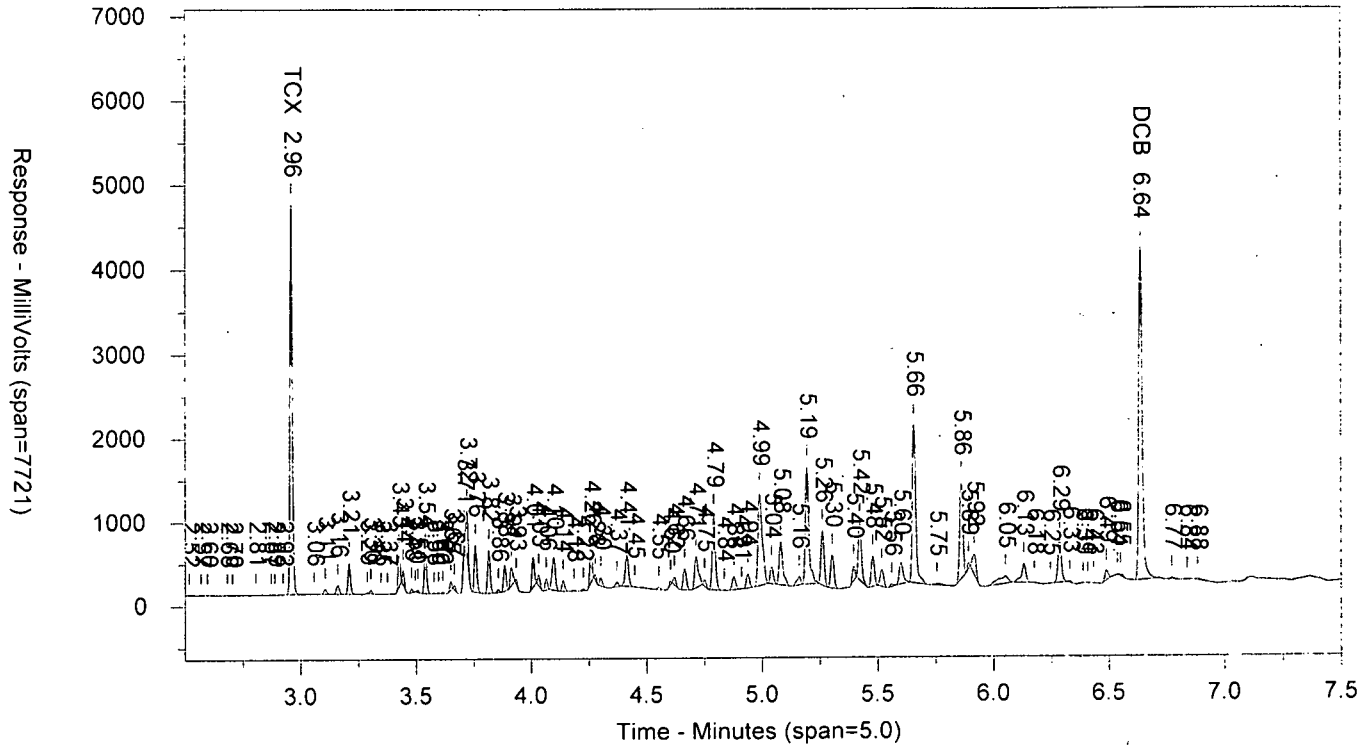

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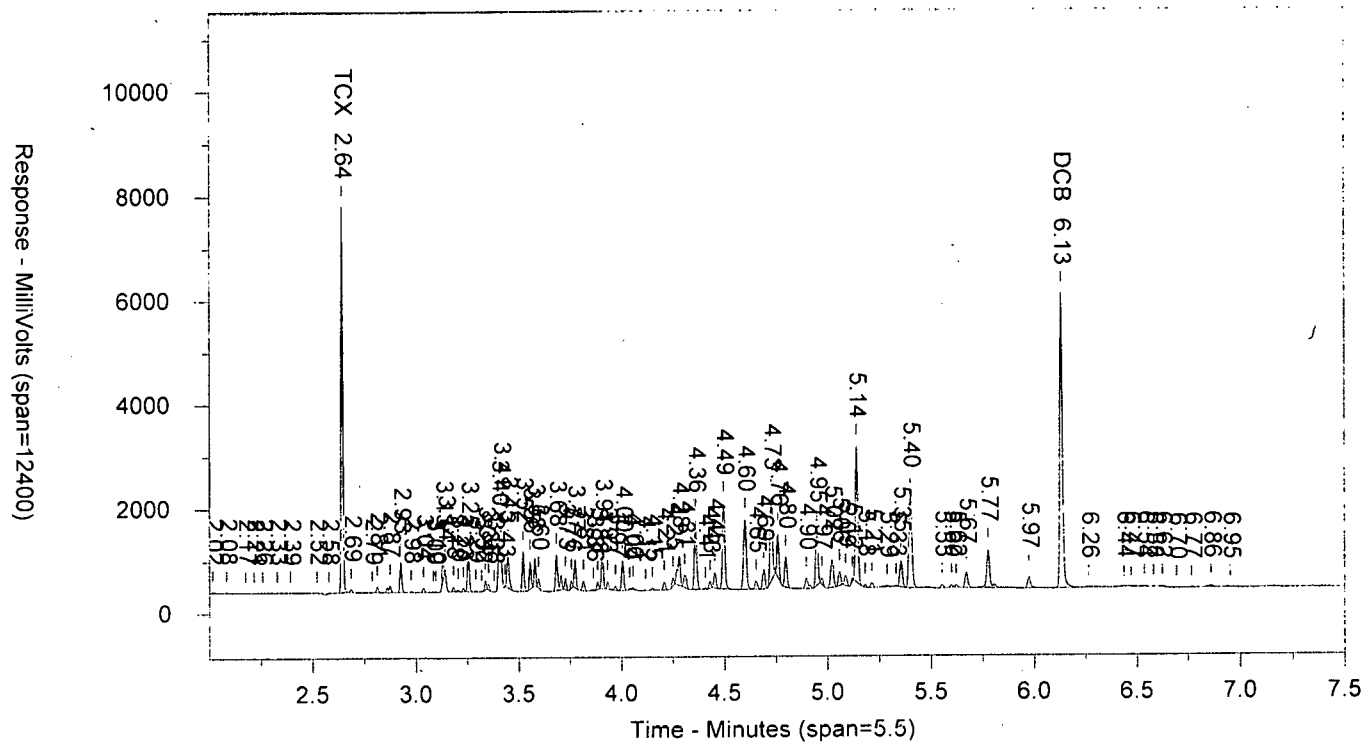

AR1641724B ADAR164AD CCAL 1725999999 10736 SW-846 8082

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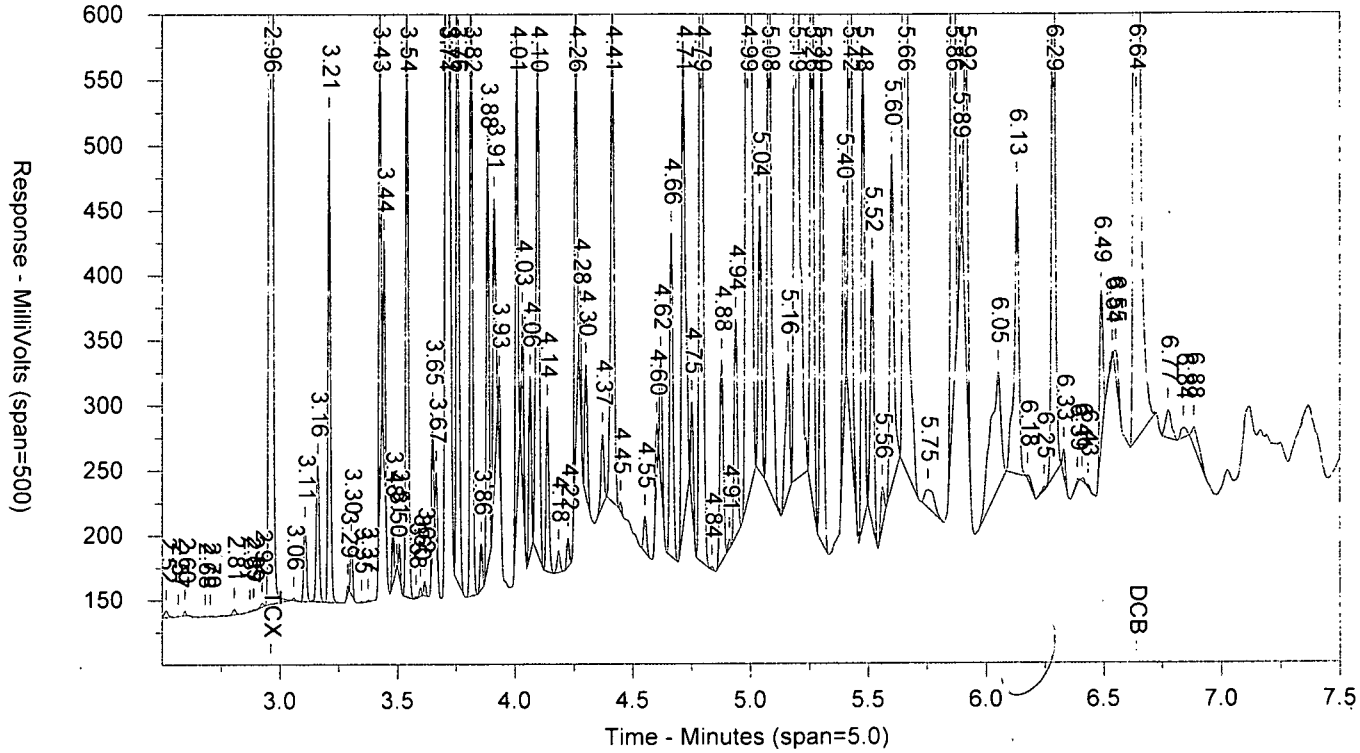

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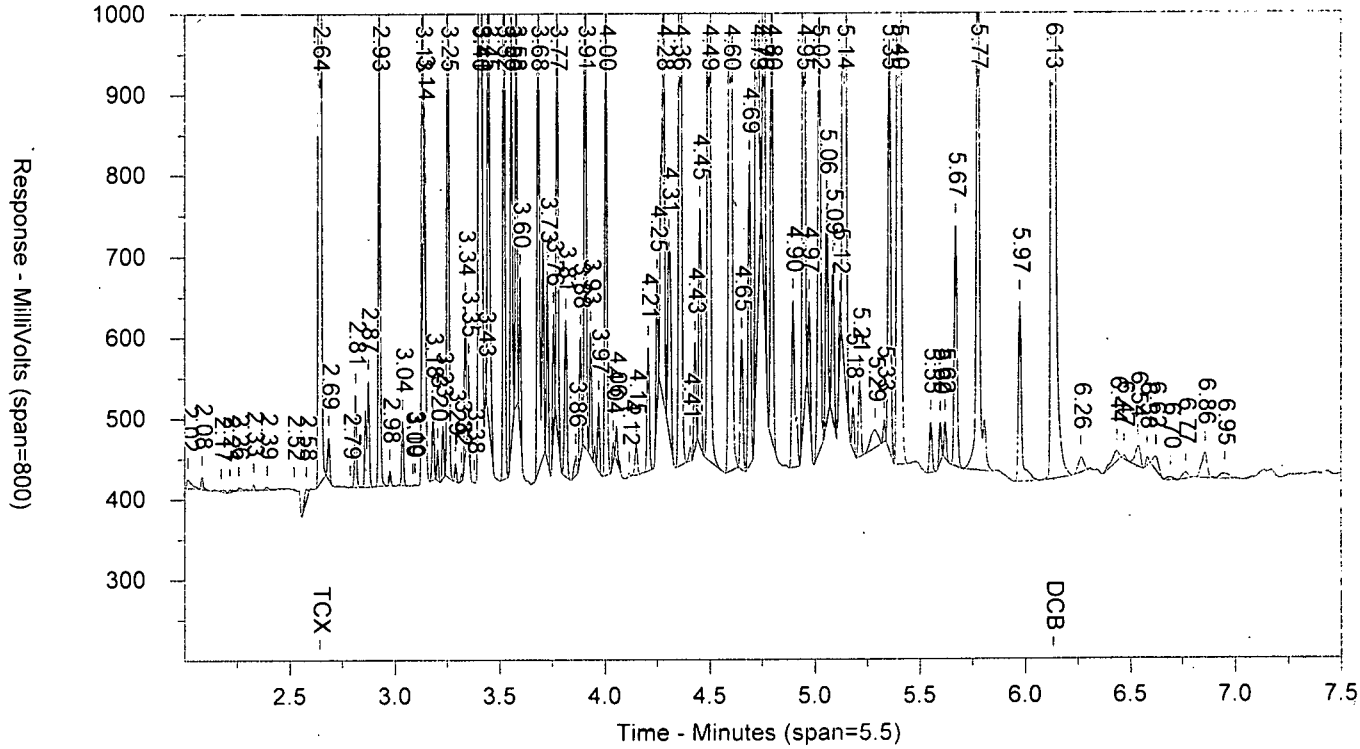

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:51:11 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.075.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.065		4273	6149
2.104		6812	17479
2.191		1217	1679
2.26		11026	8250
2.358		17060	14111
2.392		1645	2528
2.515		3215	3901
2.579		849	1609
2.709		467	452
2.734		338	175
2.768		417	254
2.806		11783	11281
2.875		733	443
2.923		2085	2065
2.959	TCX	2308401	1572233
3.107		380	226
3.156		30218	20425
3.238		405	503
3.287		7099	5156
3.374		428	514
3.397		503	273
3.411		731	600
3.448		312	168
3.485		404	358
3.534		1191	1877
3.598		3141	2314
3.63		1955	1724
3.705		1696	2206
3.756		987	931
3.847		531	451
3.913		426	205
3.93		663	296
3.957		1978	1940
4.004		463	370
4.037		482	843
4.097		398	692
4.121		538	412
4.189		361	381
4.255		678	677
4.295		2573	4076
4.362		373	505
4.404		433	221
4.567		393	593
4.622		286	172
4.646		2631	2843
4.702		354	343
4.75		627	229
4.819		353	189
4.852		395	261
4.891		415	128
4.911		594	414
4.934		2336	2096
5.007		2942	3569
5.077		673	809

RT A	Compound A	Height A	Area A
5.152		2199	2660
5.208		304	133
5.299		442	275
5.356		4157	8048
5.406		508	636
5.42		467	349
5.46		357	207
5.529		332	555
5.557		1820	1840
5.658		388	216
5.681		6293	6975
5.741		569	256
5.797		460	599
5.855		448	142
5.927		438	1553
5.993		1378	1696
6.051		14071	14793
6.115		12708	13389
6.174		417	130
6.27		1719	2023
6.32		3364	3713
6.404		595	293
6.419		714	568
6.441		561	231
6.458		1086	998
6.488		16717	17547
6.541		1454	1314
6.564		440	165
6.637	DCB	1916000	2085206
6.751		682	252
6.778		601	225
6.813		2088	4432
6.858		534	142
6.876		648	353
6.916		5153	7687
6.951		634	97
6.981		1034	1392

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:51:11 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.075.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.016		12323	20318
2.082		7419	6629
2.14		1496	1199
2.219		1249	1031
2.259		3428	4801
2.387		2303	3438
2.457		1573	1522
2.548		4290	4985
2.574		23368	18452
2.642	TCX	3650083	2112517
2.834		1542	1491
2.86		51504	31077
2.916		1375	474
2.975		9920	6676
3.059		505	126
3.071		521	137
3.084		587	139
3.099		1228	386
3.106		714	121
3.119		836	236
3.143		621	380
3.153		1139	510
3.167		698	175
3.183		0	7
3.212		2177	1992
3.304		856	720
3.318		5200	3329
3.358		3808	5517
3.418		2622	4082
3.481		2041	1434
3.595		2452	6797
3.775		1674	7090
3.917		2526	3219
3.977		2026	6363
4.184		2653	4284
4.276		1867	3389
4.471		3589	11830
4.615		6043	26935
4.718		2482	2109
4.773		2604	9095
5.09		2521	5182
5.213		6620	7007
5.398		1333	6065
5.553		21153	20347
5.621		18013	17438
5.666		3429	3349
5.929		1410	4595
5.973		25418	22556
6.131	DCB	2724708	2553714
6.254		5655	13764
6.437		2056	3673
6.578		3167	3142
6.804		1763	2859

IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082

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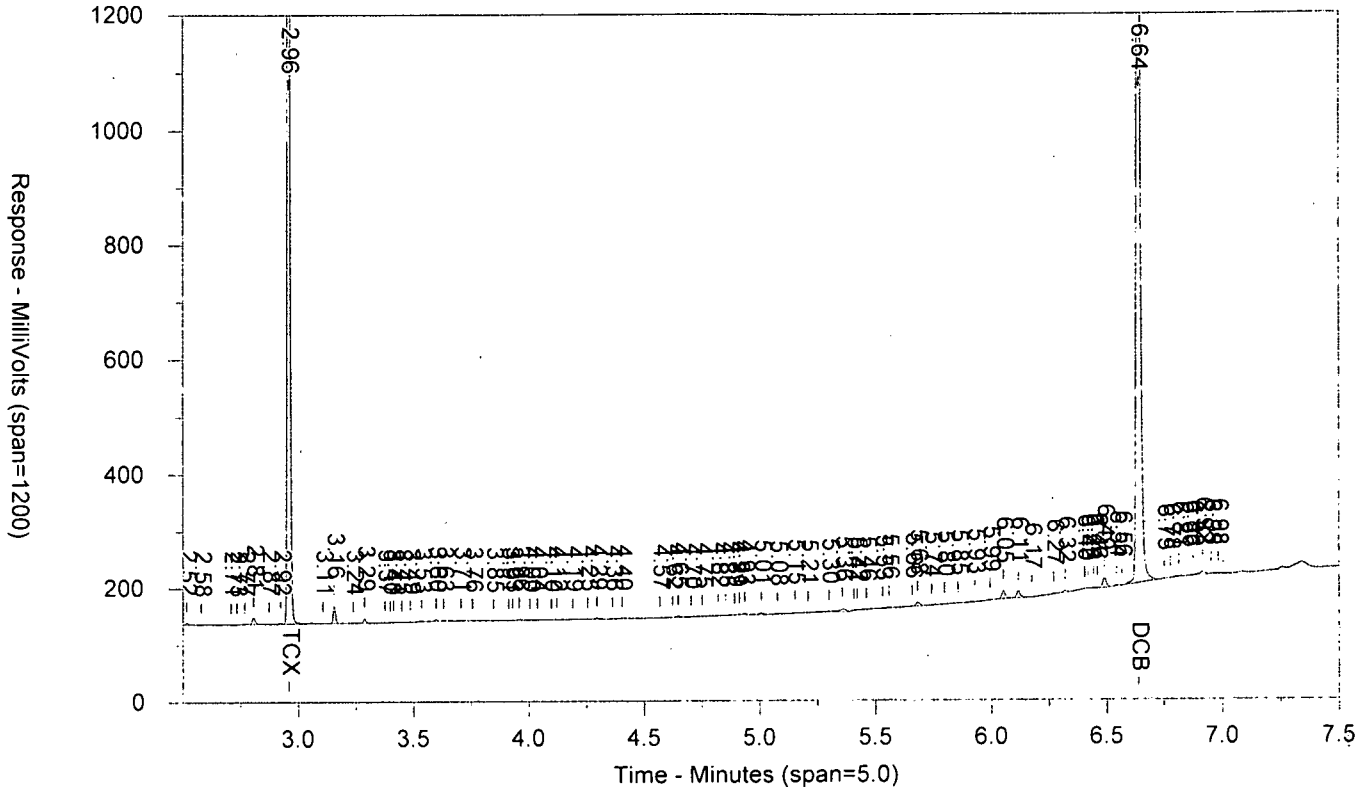

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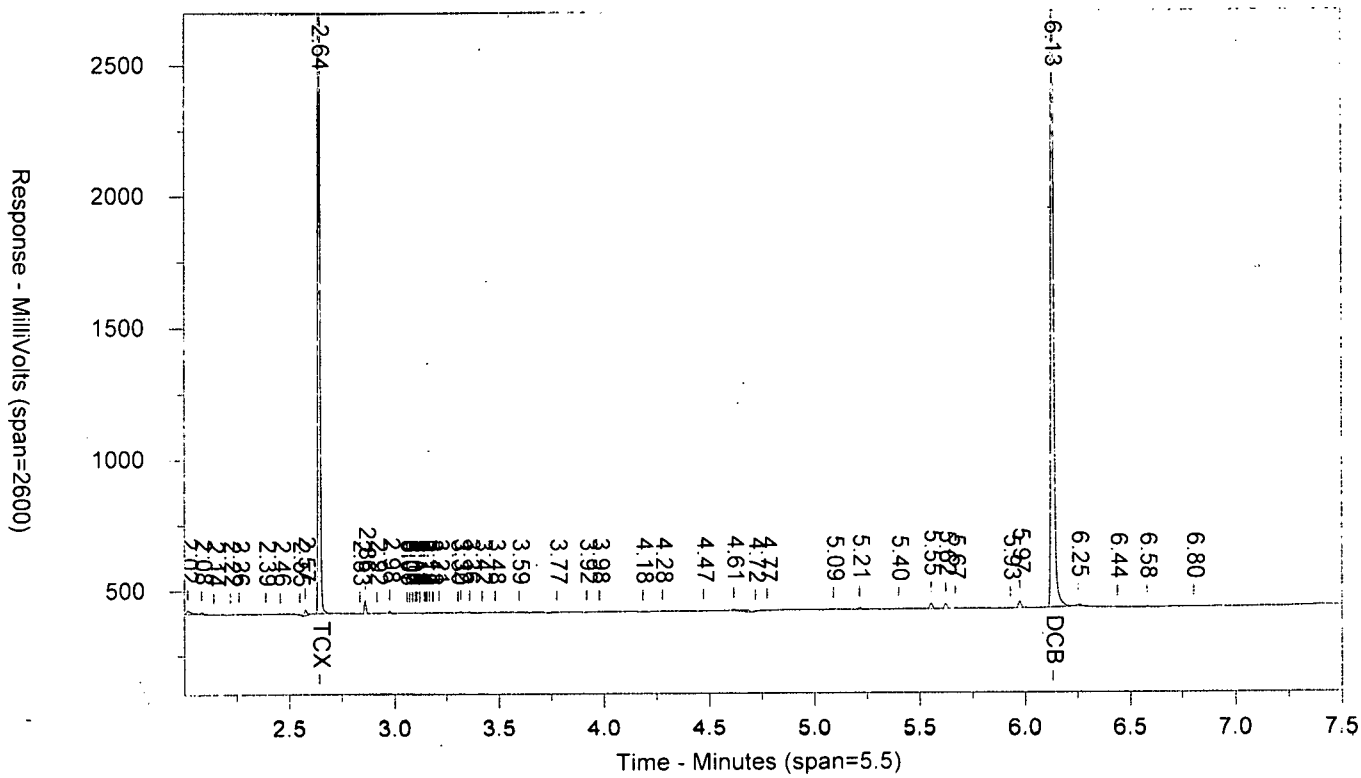

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 7:51:11 AM Sample Weight: 1000
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	2308401	.203	TCX	2.642	3650083	.204	TCX
6.637	1916000	.18	DCB	6.131	2724708	.18	DCB

Files:
Area File: 25PCBS17257004.075.RAW
Area File: 25PCBS17257004B.075.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 10:04:36 AM
File Reported On: 9/18/2017 at 10:11:41 AM

IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082

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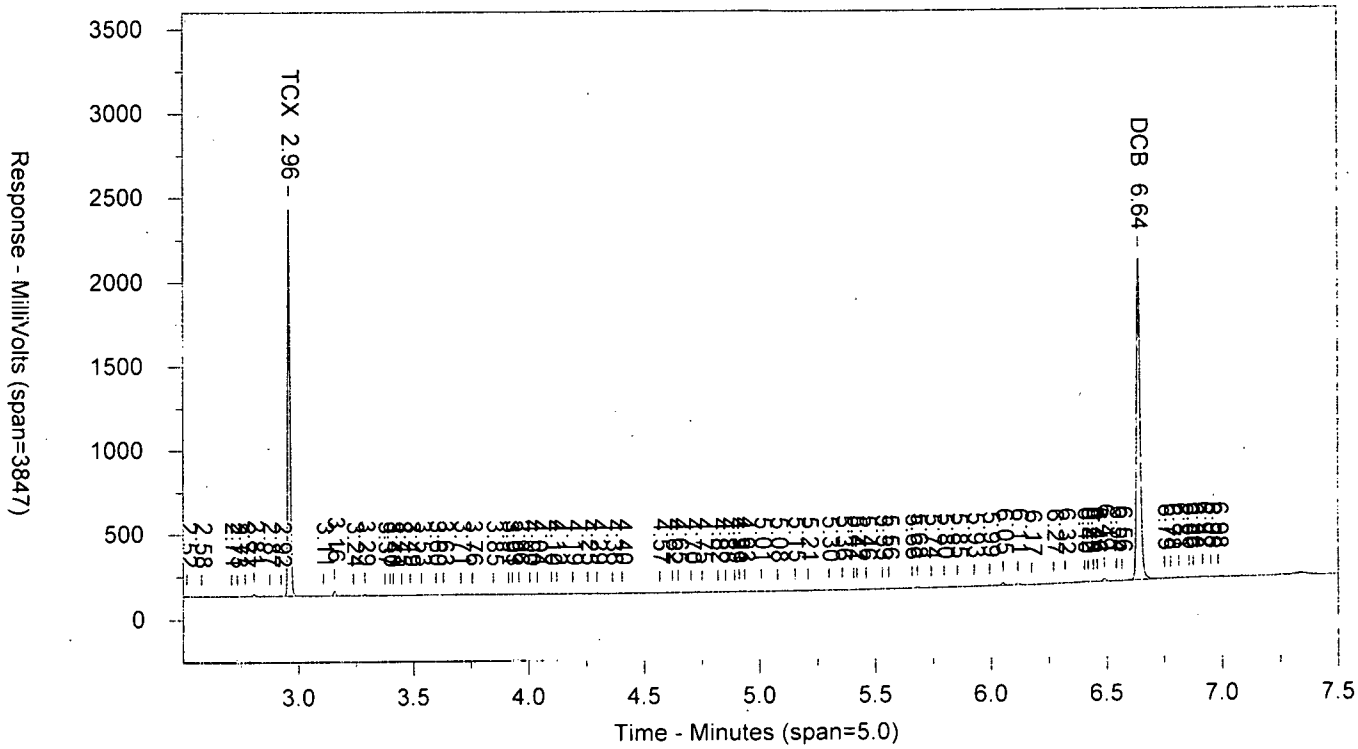

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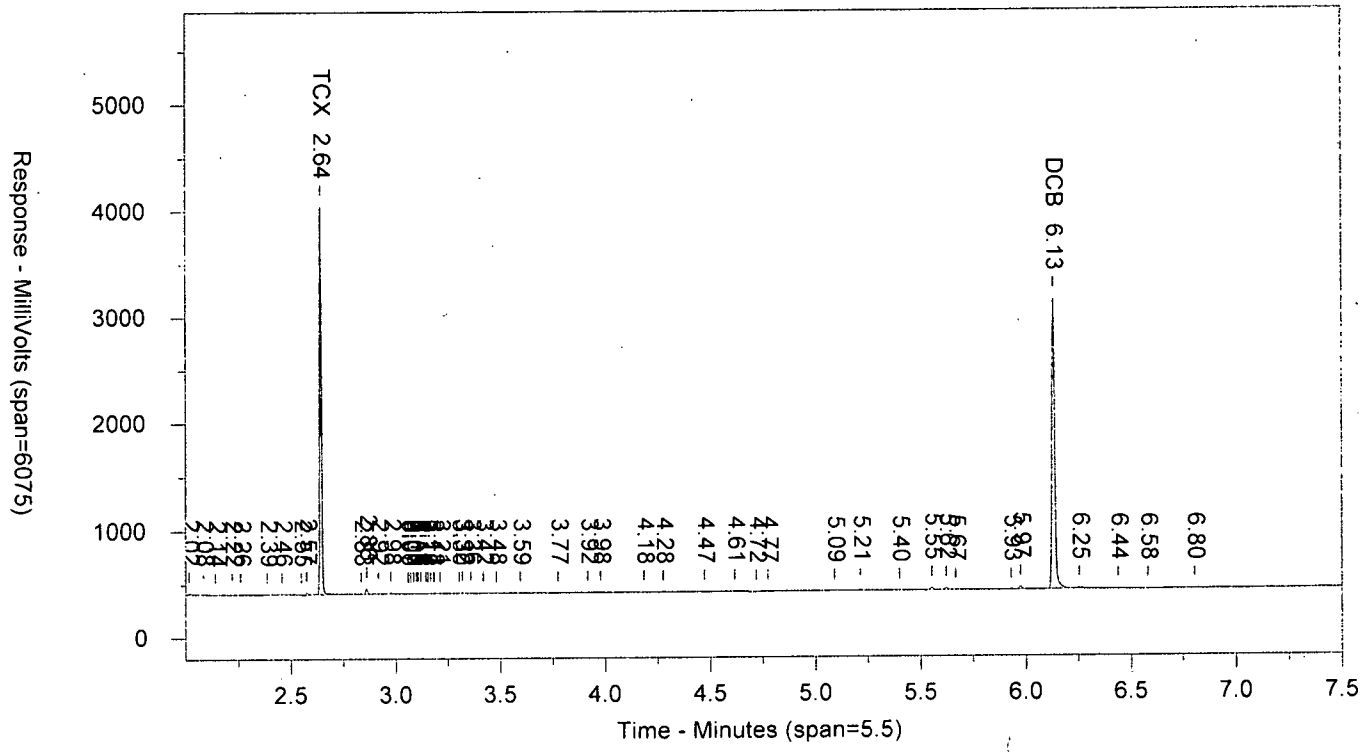

IBLKX1724B AMPIBLKAM PIBLK1725999999 10736 SW-846 8082

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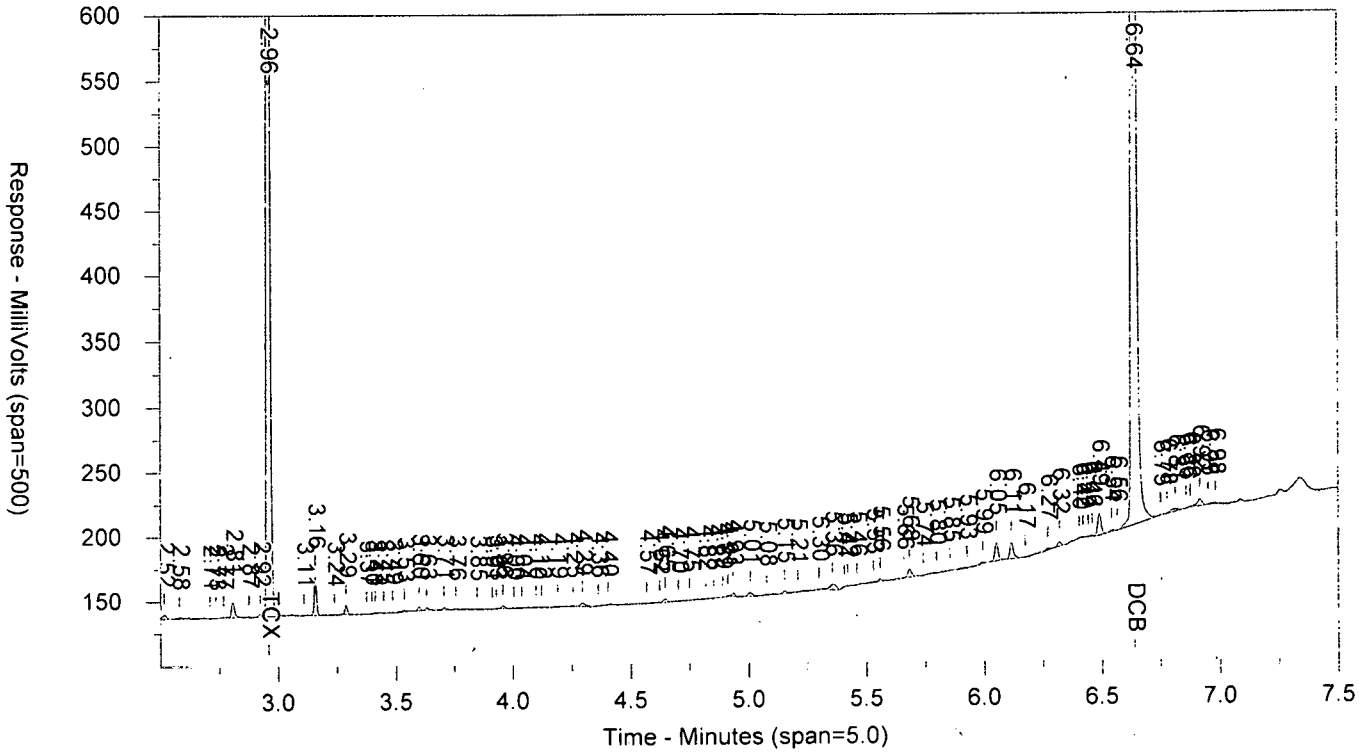

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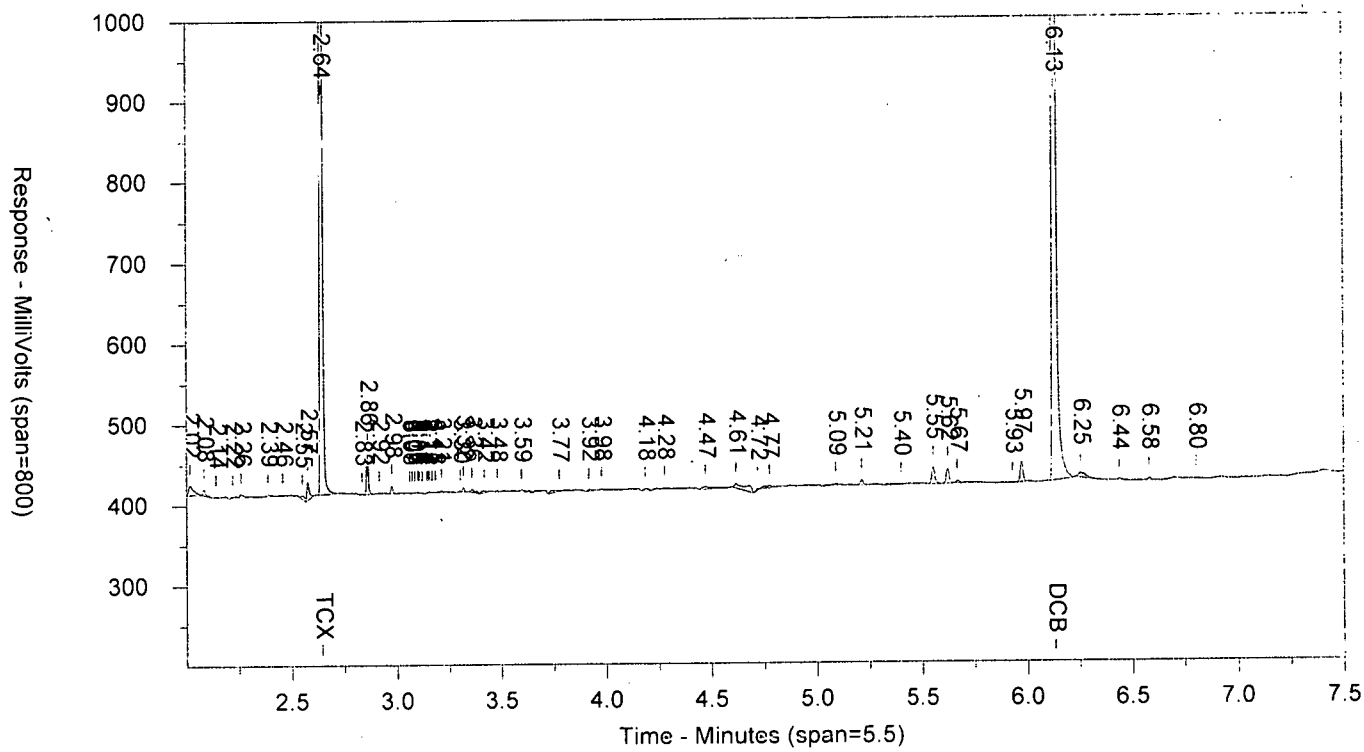

LANCASTER LABORATORIES

Sample Number: AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 11:49:04 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.096.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.062		5024	6620
2.102		6029	12432
2.26		21649	15913
2.359		11852	12947
2.392		1416	2167
2.516		3900	5077
2.564		437	223
2.597		4401	3714
2.686		442	306
2.769		357	585
2.807		4679	4631
2.868		950	642
2.888		678	329
2.924		2491	2151
2.96	TCX	4543094	3109254
3.057		921	672
3.106		57140	49160
3.161		105739	92868
3.21		359698	267453
3.288		6678	3447
3.304		39550	25718
3.344		942	712
3.426		365685	221972
3.443		166274	89079
3.48		45947	25764
3.495		4074	1339
3.507		25781	14261
3.541		453355	357159
3.578		2182	1070
3.598		3898	2415
3.617		12639	8188
3.651		103476	59918
3.666		53058	27755
3.71		188685	111954
3.721		507067	266086
3.757		563358	438768
3.815		505957	388565
3.857		36964	26240
3.886		319319	244253
3.913		225477	183664
3.934		63845	35449
4.009		369324	269977
4.033		125546	84731
4.065		148235	104664
4.099		403258	391703
4.138		124576	103516
4.186		18751	16063
4.225		24045	18634
4.259		335272	247889
4.276		63138	31387
4.301		109779	85945
4.372		58072	50988
4.415		388681	391810
4.449		9360	6186

RT A	Compound A	Height A	Area A
4.489		472	195
4.513		3256	2696
4.553		27888	26106
4.604		46451	32227
4.62		96573	69044
4.665		255832	243625
4.715		368020	438287
4.752		82871	57952
4.791		876199	861370
4.837		2587	1747
4.877		159198	167545
4.909		7826	4578
4.938		175498	170403
4.99		1119369	1430535
5.042		209689	202749
5.081		516054	599829
5.16		104219	128198
5.194		1365387	1481844
5.236		10405	3996
5.261		652305	630354
5.304		419109	413507
5.361		770	737
5.397		171973	144607
5.423		697823	653653
5.479		378722	362345
5.518		215178	221154
5.559		38810	39408
5.601		252147	296097
5.658		1920838	2102476
5.75		1949	2319
5.807		679	795
5.862		1164145	1136839
5.892		72151	44248
5.918		259262	290981
5.992		1685	1977
6.053		50551	52280
6.132		230665	327532
6.238		1758	3331
6.288		530118	532366
6.333		35705	34609
6.406		639	352
6.421		1261	984
6.491		168524	174192
6.546		1756	1781
6.642	DCB	3976222	4249122
6.816		581	1513
6.854		617	725
6.898		790	3142
6.919		4979	6088
6.954		620	372
6.987		645	326

LANCASTER LABORATORIES

Sample Number: AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 11:49:04 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.096.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		11104	17187
2.083		14448	10881
2.219		1778	1919
2.262		2978	3160
2.328		7759	4817
2.389		2967	8300
2.577		13600	14135
2.614		779	1135
2.642	TCX	7323806	4168079
2.685		51744	36655
2.785		1202	633
2.812		111327	74395
2.86		65343	30910
2.873		99235	50253
2.926		584259	355766
2.975		18110	10518
3.037		78246	48918
3.079		412	66
3.085		1054	273
3.097		507	203
3.111		1154	314
3.132		462063	237367
3.143		165065	61758
3.183		90682	54902
3.205		39319	21264
3.231		65502	36039
3.254		664843	453648
3.291		23522	13612
3.319		4938	2055
3.336		178348	96795
3.352		104865	52924
3.403		398484	184823
3.413		805277	350599
3.432		24897	8912
3.446		707021	480746
3.521		743942	481974
3.555		515892	320756
3.579		561989	464738
3.683		627861	428718
3.706		245048	135957
3.727		227927	136026
3.756		145149	74995
3.773		514088	328404
3.815		192119	144049
3.862		23654	19927
3.884		143576	87719
3.906		677818	449883
3.932		145918	103206
3.97		85304	52986
4.005		575612	412356
4.04		20907	12828
4.055		43035	28681
4.114		5029	3685
4.151		40911	32695

RT B	Compound B	Height B	Area B
4.207		153562	119600
4.25		152832	93472
4.281		504729	545624
4.307		237115	237159
4.359		1278432	1034982
4.407		17262	12333
4.43		131982	88562
4.453		294596	222287
4.495		1624608	1307200
4.598		1314082	1267770
4.652		166974	137641
4.69		374507	323282
4.726		1583954	1351779
4.758		755281	559891
4.797		548250	454519
4.867		2234	2431
4.897		204386	220537
4.947		1072454	1139437
5.021		564501	515650
5.057		266549	219366
5.087		197194	169521
5.119		54188	33553
5.14		2563129	2153384
5.182		54667	41116
5.213		100893	90684
5.33		28213	18285
5.354		517257	451593
5.399		1791523	1912500
5.553		70224	62975
5.598		50313	36314
5.621		52448	38509
5.671		308432	291494
5.775		722982	616748
5.807		41168	31030
5.871		1710	2287
5.973		233762	220769
6.095		1221	1463
6.132	DCB	5764132	5224273
6.26		5872	9854
6.586		5024	6590
6.755		2169	6948
6.864		1539	5155

AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082

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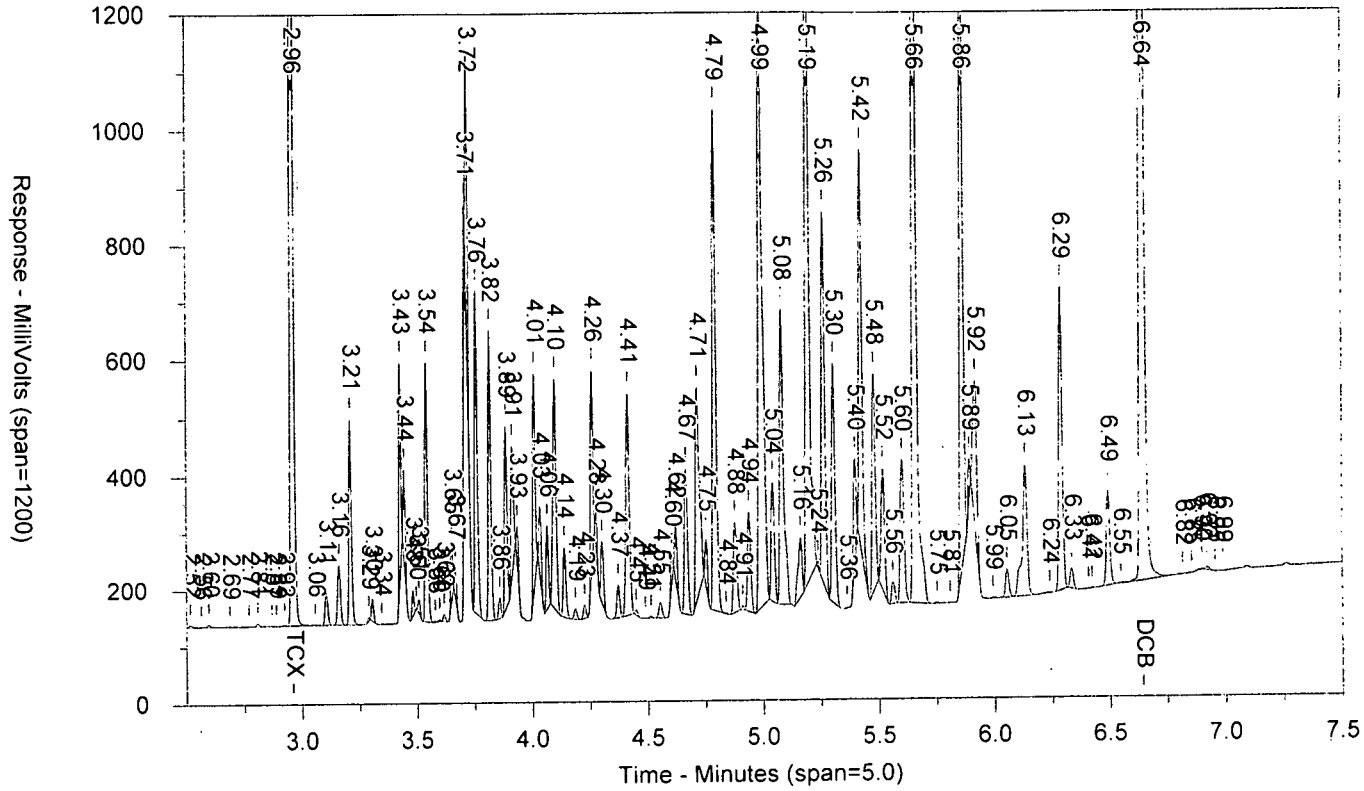

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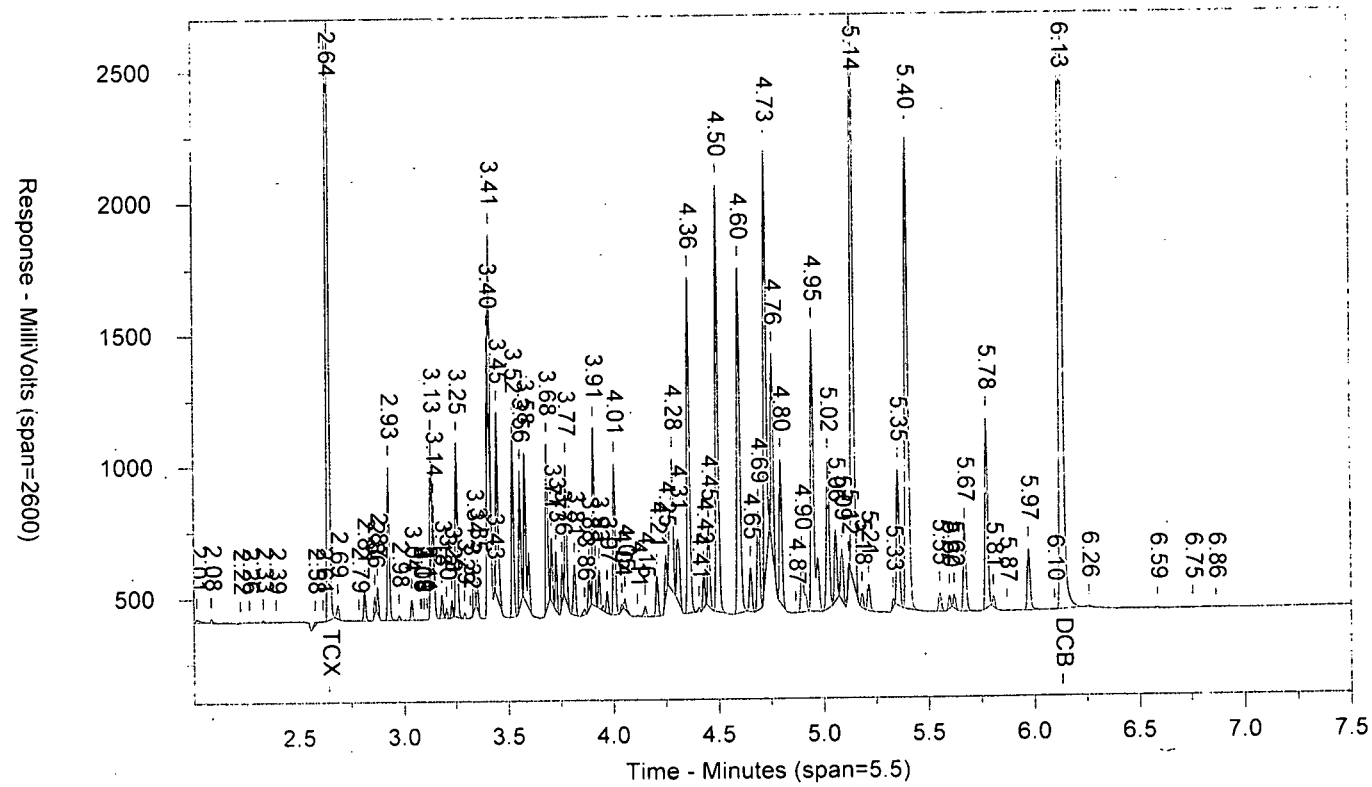

LANCASTER LABORATORIES

Sample Number: AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 11:49:04 AM
Sample Weight: 1
Dilution Factor: 1
Instrument ID: CP25-18274
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.96	4543094	39.968	TCX	2.642	7323806	40.973	TCX
6.642	3976222	37.34	DCB	6.132	5764132	38.174	DCB

Files:
Area File: 25PCBS17257004.096.RAW
Area File: 25PCBS17257004B.096.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 11:57:36 AM
File Reported On: 9/18/2017 at 11:57:43 AM

AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082

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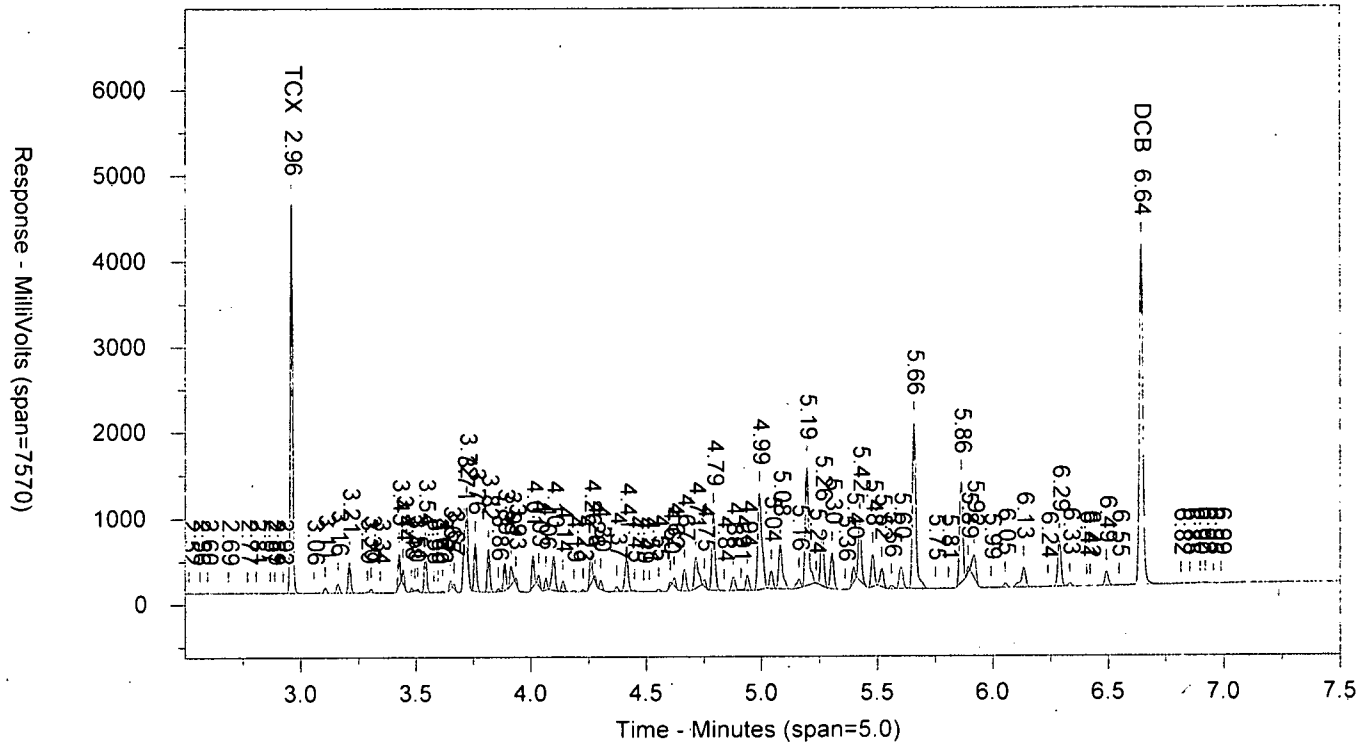

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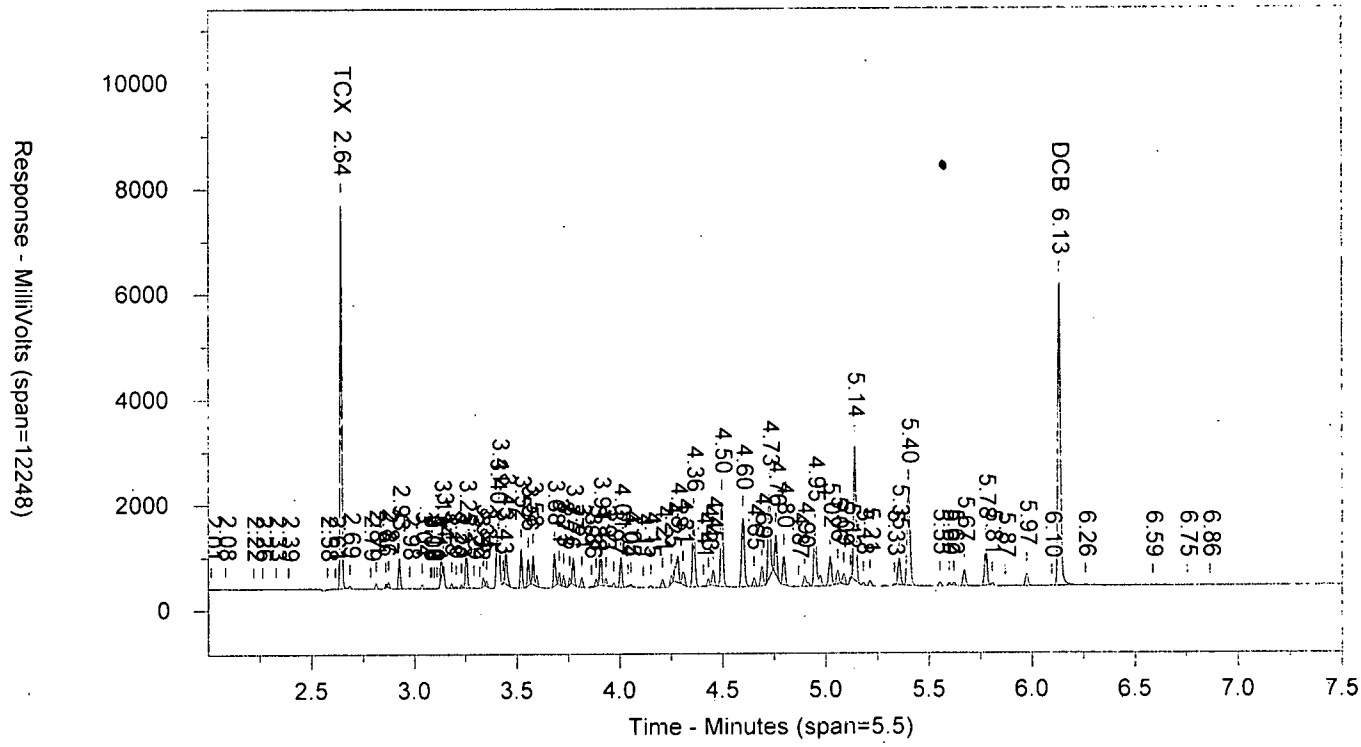

AR1641724B AEAR164AE CCAL 1725999999 10736 SW-846 8082

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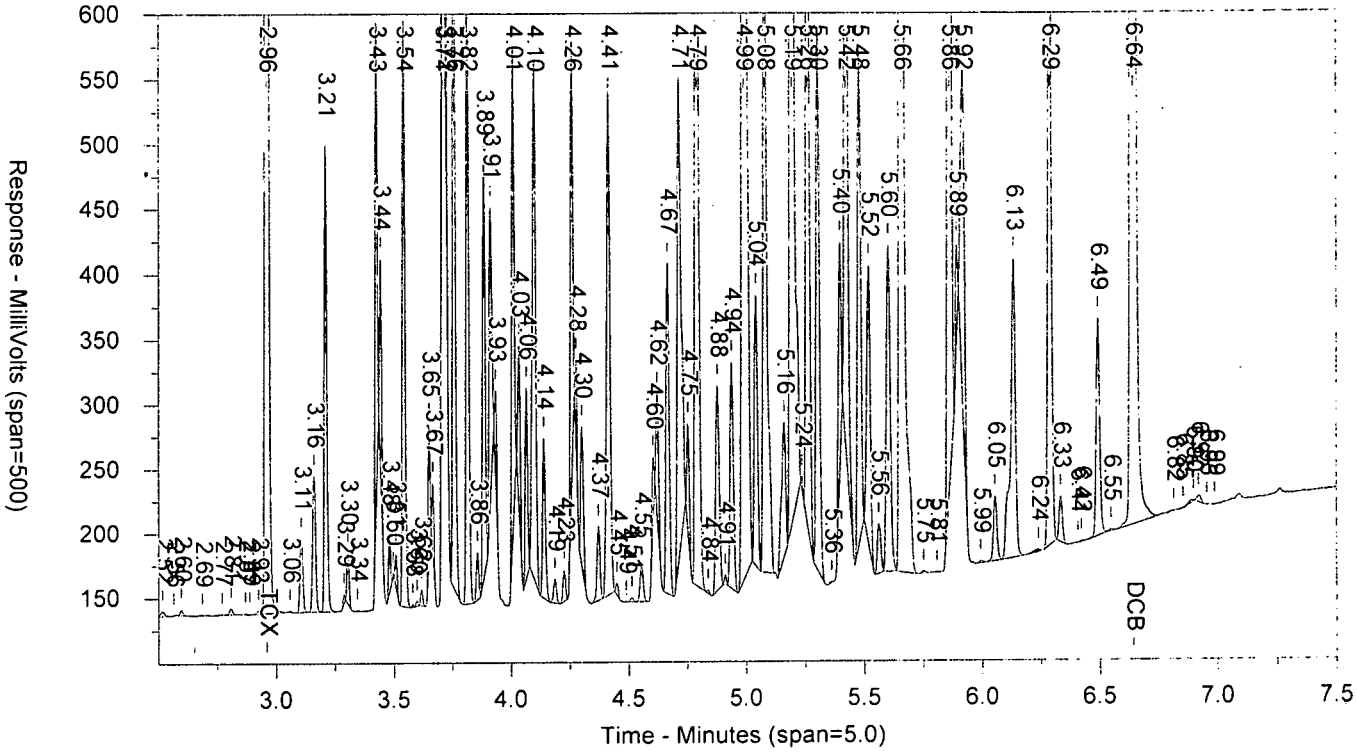

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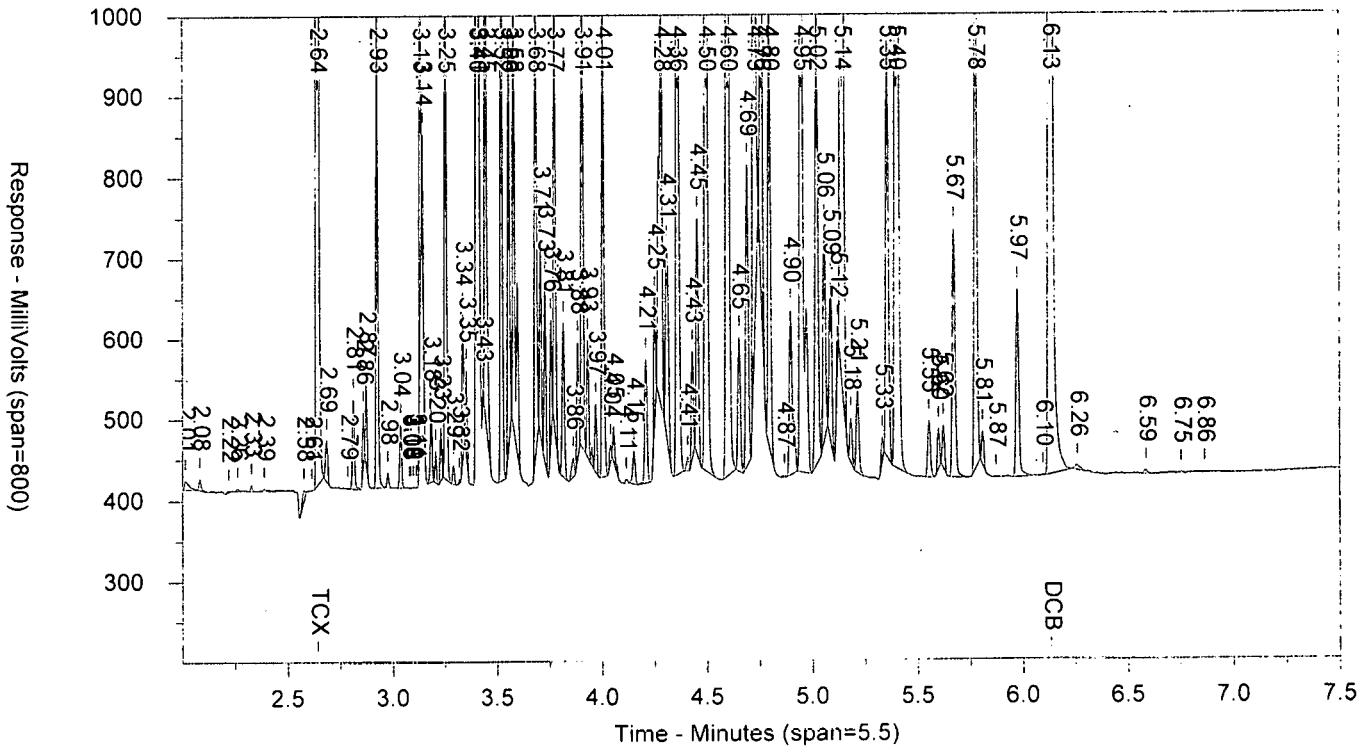

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:00:52 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.097.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		5793	7280
2.104		5761	9949
2.26		11171	8170
2.339		331	229
2.359		13791	11845
2.393		1751	2788
2.518		4370	5514
2.57		604	640
2.621		618	447
2.765		1163	1393
2.807		8310	7515
2.87		689	502
2.888		790	347
2.924		2680	2181
2.961	TCX	2252067	1563492
3.059		844	1189
3.138		230	251
3.158		30231	20099
3.224		411	228
3.29		8015	6134
3.416		1104	3121
3.516		569	298
3.538		1139	1284
3.603		2830	1832
3.637		2476	2321
3.695		366	279
3.711		1881	1418
3.765		855	961
3.808		579	609
3.848		817	885
3.931		464	319
3.966		2767	2816
4.04		504	681
4.259		1003	900
4.302		3729	5970
4.368		979	1551
4.415		812	1580
4.528		944	952
4.608		493	394
4.65		3229	4332
4.793		423	310
4.85		449	384
4.881		552	335
4.938		3245	4411
5.013		3625	6661
5.082		845	978
5.104		1021	784
5.157		2016	2356
5.247		448	369
5.318		302	1016
5.364		4265	6885
5.416		133	676
5.461		334	306
5.522		331	1367

RT A	Compound A	Height A	Area A
5.565		1795	2123
5.626		401	103
5.686		7116	9409
5.767		1393	1506
5.818		434	126
5.884		302	868
5.914		443	165
5.928		529	199
5.994		2179	3795
6.056		15173	15443
6.119		14246	16359
6.212		477	503
6.244		544	835
6.277		2602	3584
6.325		3847	5238
6.382		788	766
6.409		544	443
6.426		769	592
6.494		18290	18277
6.546		2787	3032
6.644	DCB	2038122	2190765
6.811		1749	3358
6.845		555	220
6.924		7117	12706
6.983		369	138
6.993		608	196

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:00:52 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.097.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.014		10365	16498
2.081		7457	6117
2.236		1639	4047
2.26		2889	4014
2.359		854	334
2.389		2198	2956
2.575		24600	26518
2.641	TCX	3702631	2113183
2.804		1774	782
2.859		52659	31966
2.975		9502	6397
3.067		799	120
3.089		486	159
3.107		286	50
3.112		671	141
3.131		466	70
3.143		435	352
3.153		1434	902
3.182		984	221
3.201		720	439
3.213		1864	1526
3.258		1065	895
3.32		5673	4732
3.36		3293	2481
3.411		3043	3139
3.448		1328	1276
3.467		547	265
3.484		1938	1159
3.604		1395	1382
3.673		4942	17096
3.778		2642	10071
3.975		2797	11364
4.188		3583	5991
4.276		3925	19950
4.477		4074	9642
4.617		5573	6908
4.679		3453	5006
4.758		1239	1784
5.094		3827	11554
5.216		7421	7611
5.376		3502	7392
5.555		22613	21924
5.622		20679	19579
5.676		3366	3836
5.915		1361	4499
5.975		26317	23347
6.134	DCB	2957350	2694083
6.253		6257	16544
6.586		3280	5168

IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082

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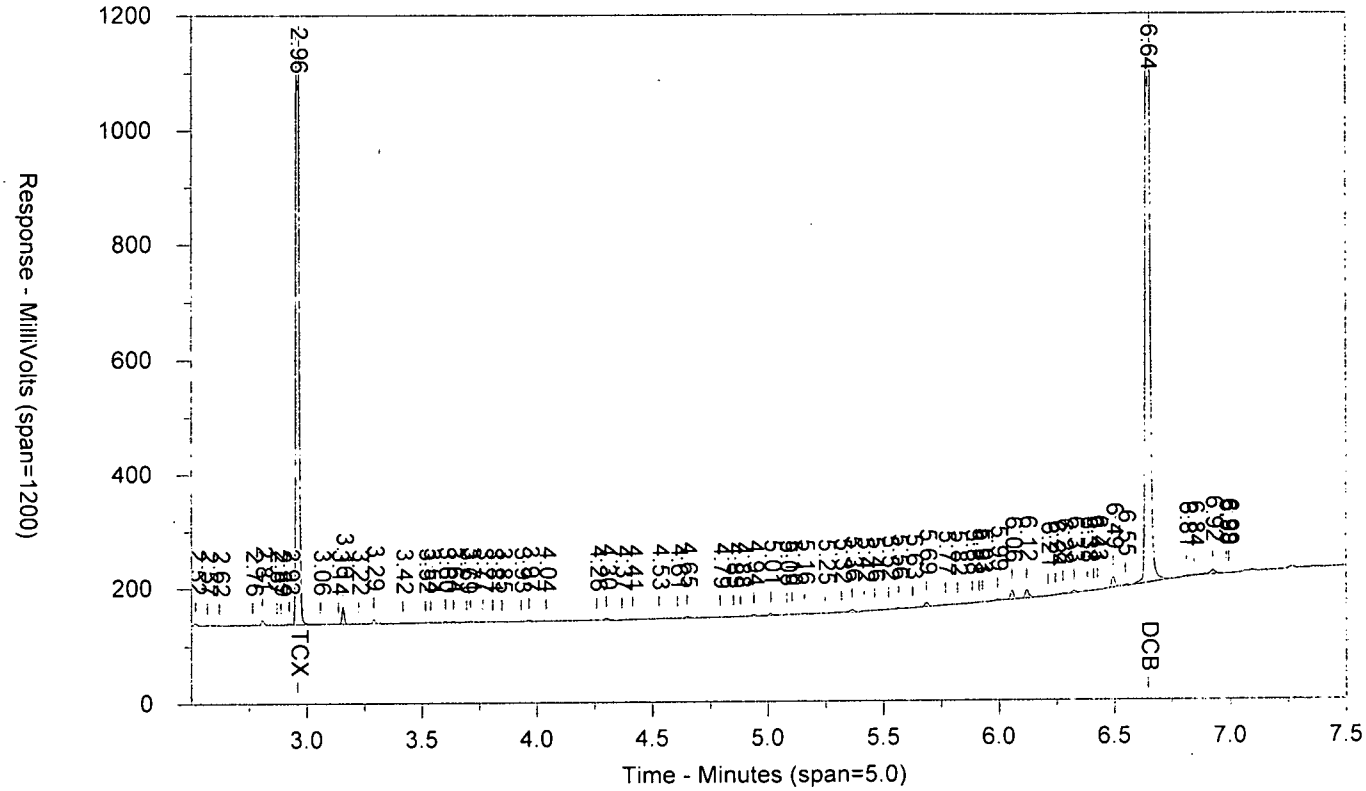

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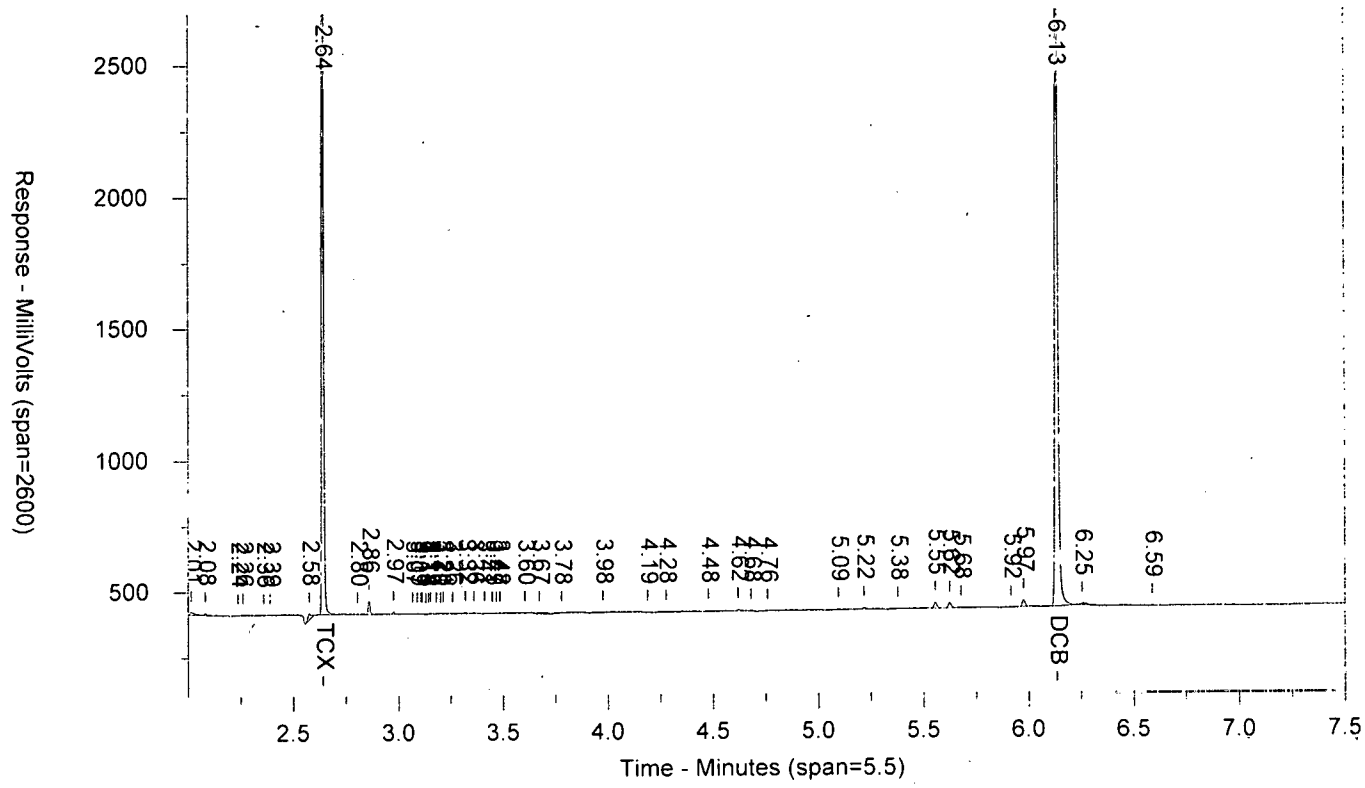

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:00:52 PM Sample Weight: 1000
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B.	Height B	Amount B - PPB	Compound B
2.961	2252067	.198	TCX	2.641	3702631	.207	TCX
6.644	2038122	.191	DCB	6.134	2957350	.196	DCB

Files:
Area File: 25PCBS17257004.097.RAW
Area File: 25PCBS17257004B.097.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 12:09:23 PM
File Reported On: 9/18/2017 at 12:09:31 PM

IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082

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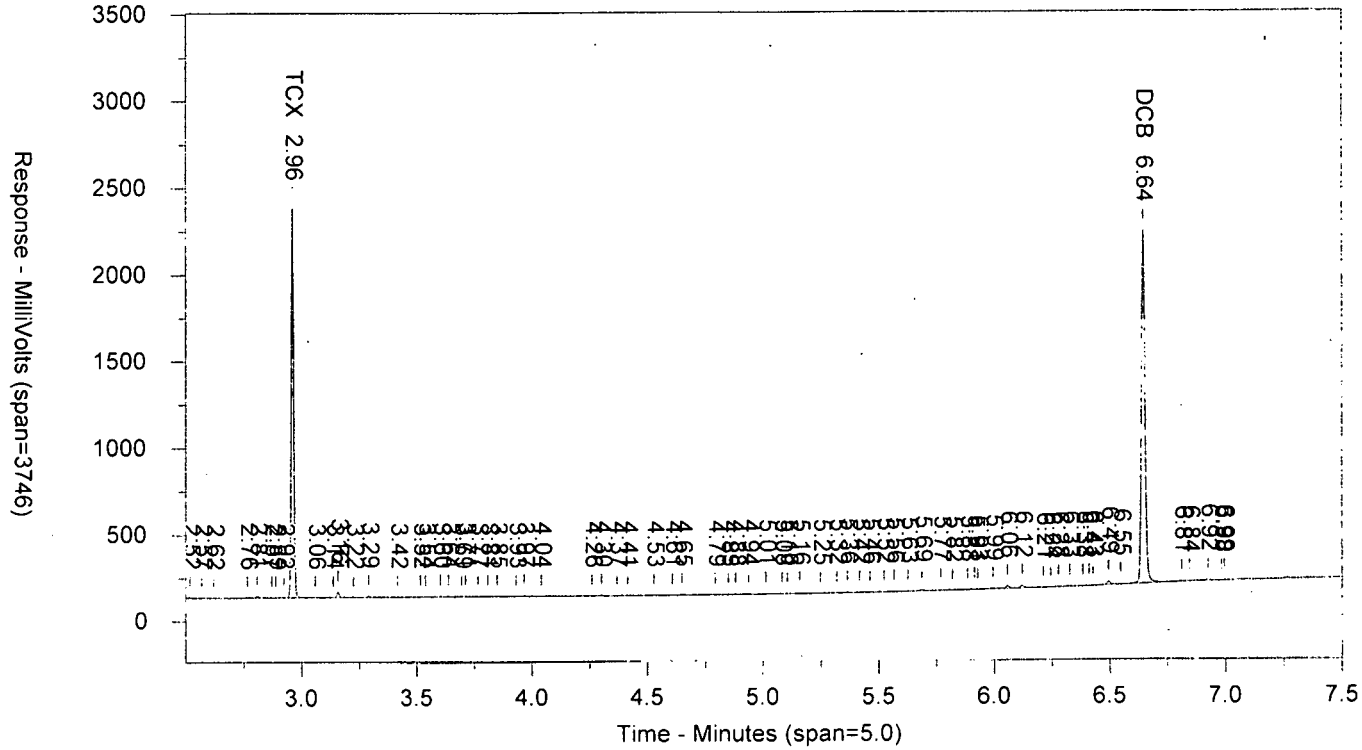

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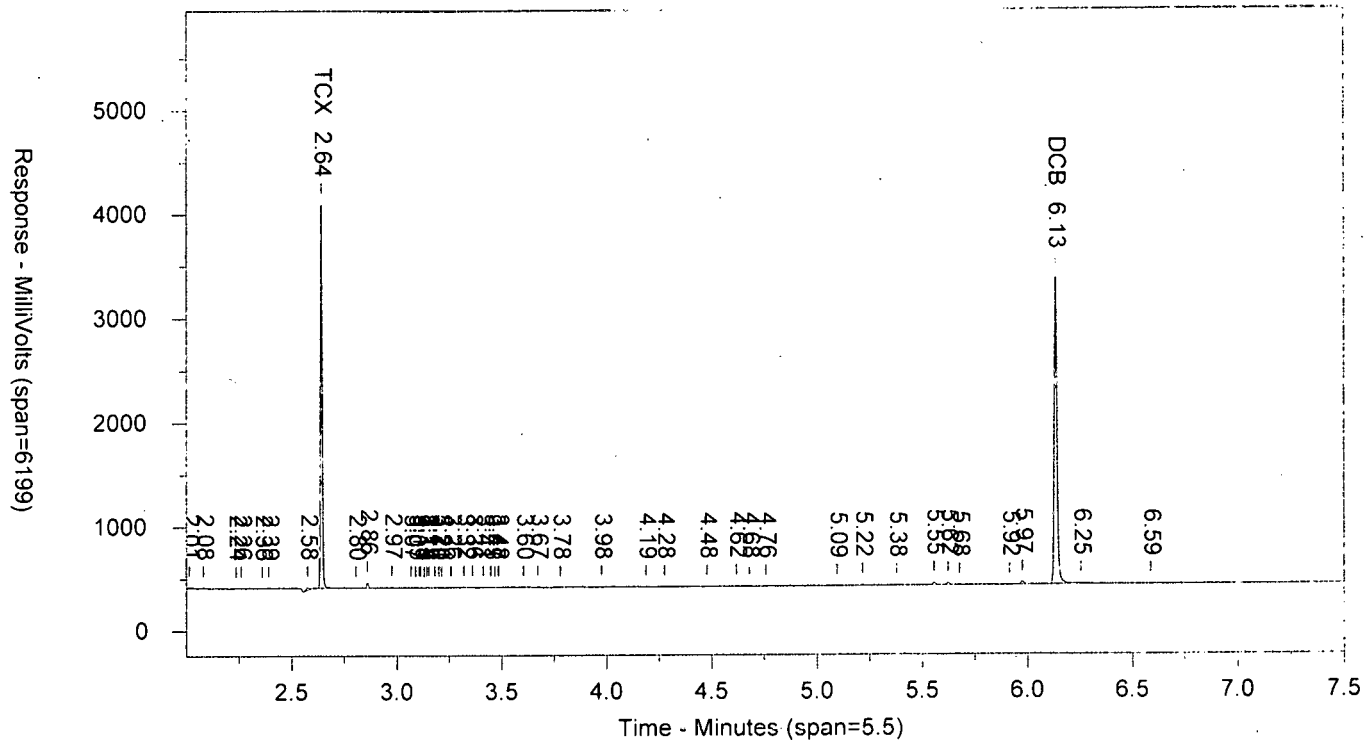

IBLKX1724B ANPIBLKAN PIBLK1725999999 10736 SW-846 8082

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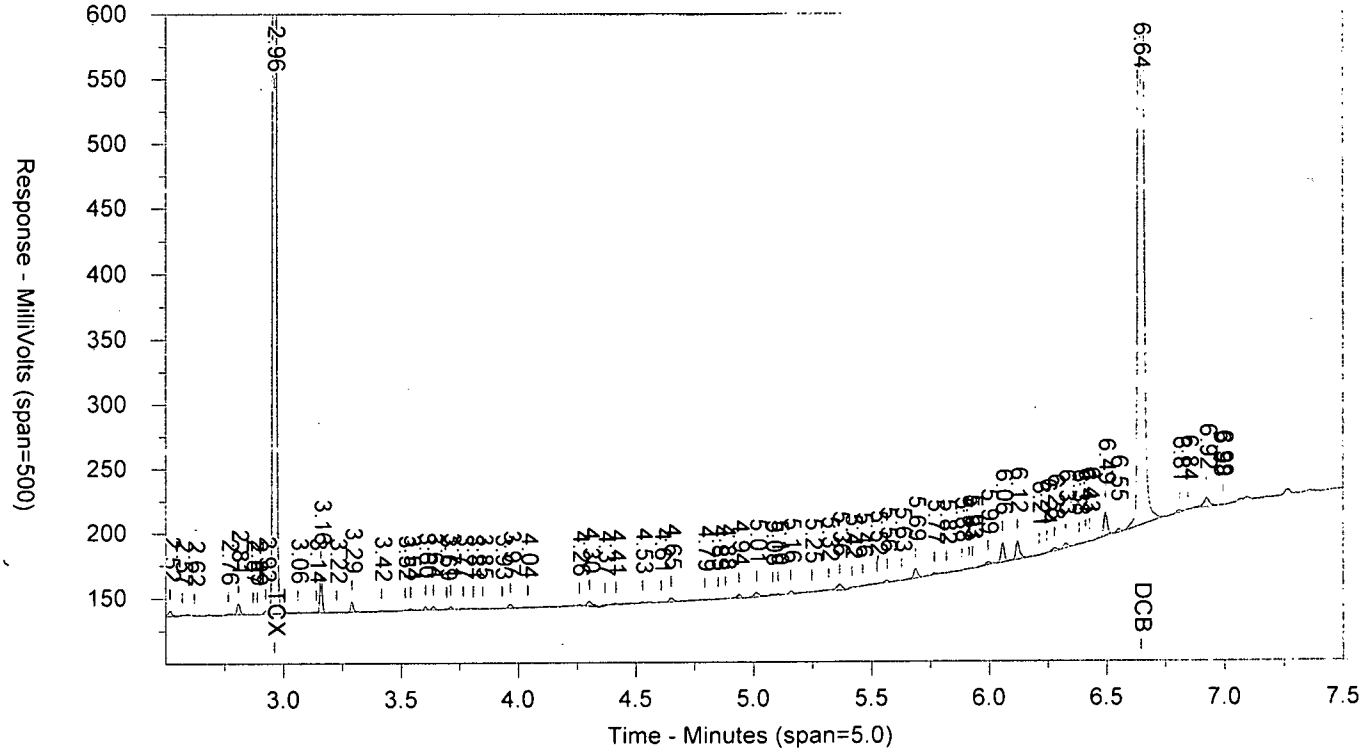

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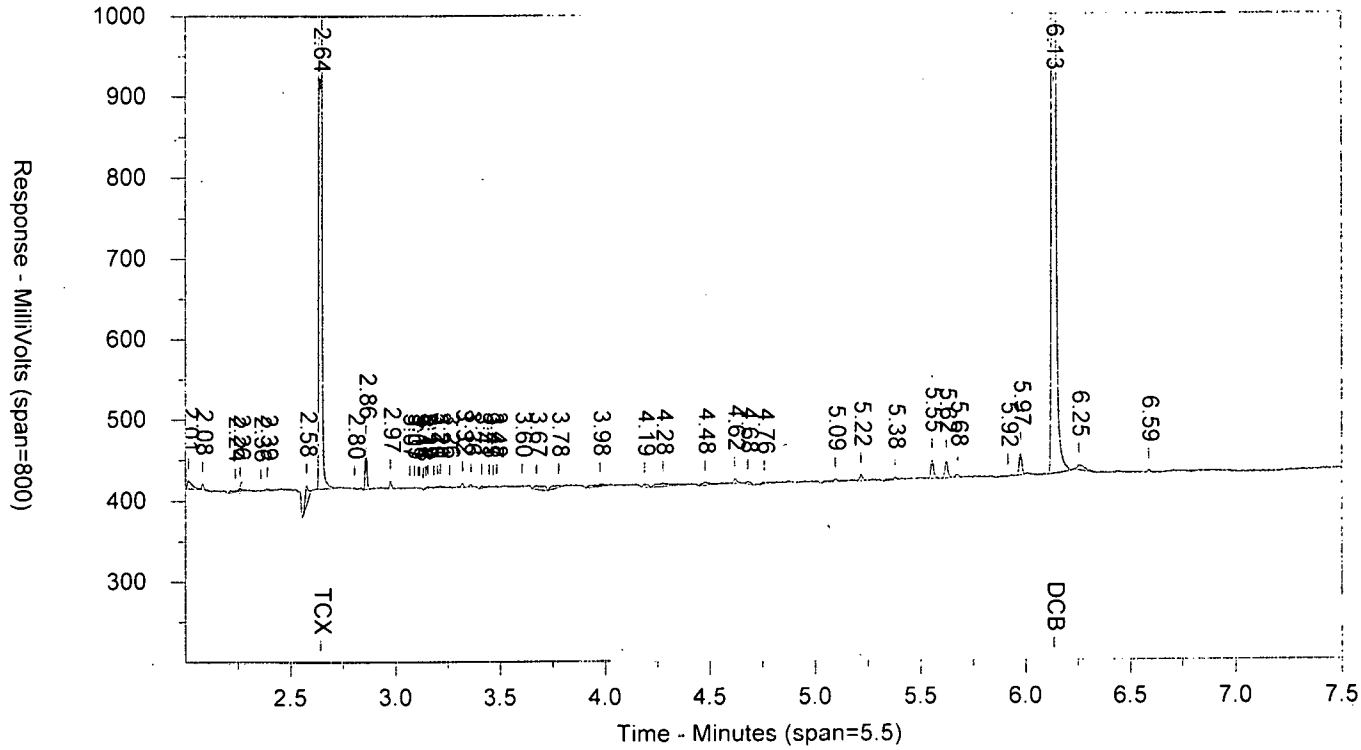

LANCASTER LABORATORIES

Sample Number: AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:16:59 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.109.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		6625	7701
2.104		5985	14314
2.189		806	833
2.26		22014	15199
2.36		14172	14483
2.394		1647	2458
2.519		4874	6413
2.577		448	218
2.597		4513	3726
2.68		770	1119
2.808		5417	4828
2.872		1390	1122
2.923		2896	3039
2.961	TCX	4646130	3190326
3.056		1006	949
3.108		57676	50243
3.163		108951	94799
3.212		365158	272809
3.29		7457	3609
3.306		40345	26154
3.348		1089	1170
3.43		360343	223788
3.446		166634	90850
3.484		44561	26392
3.5		3661	1441
3.511		24754	13500
3.546		451817	363584
3.583		2063	1057
3.602		4503	2747
3.622		12793	8126
3.656		102014	60959
3.671		52187	26151
3.716		174766	118292
3.726		480791	251222
3.764		566934	445248
3.821		503994	392399
3.862		37467	26073
3.89		318398	245900
3.918		218289	183953
3.94		62294	36868
4.014		369801	271551
4.039		123937	83944
4.07		146689	104666
4.103		397437	391697
4.144		123443	103257
4.191		18951	15656
4.231		23738	18379
4.265		334222	250905
4.282		57699	30886
4.307		110514	85170
4.378		57876	50802
4.42		389586	391550
4.454		9643	6454
4.494		523	166

RT A	Compound A	Height A	Area A
4.518		3258	2691
4.559		28270	26301
4.609		45797	30022
4.625		94623	69546
4.671		253816	243478
4.72		373703	432485
4.757		80322	56748
4.796		876564	858486
4.842		2931	1912
4.882		153534	167359
4.916		7142	4344
4.943		170779	170315
4.995		1117807	1428283
5.047		206717	202106
5.086		522690	606269
5.165		111202	127953
5.198		1391147	1475739
5.239		10552	4493
5.266		637516	635525
5.309		413470	413836
5.373		1106	1982
5.402		167267	134237
5.427		687689	647889
5.483		387542	359655
5.522		210970	220247
5.565		39779	39665
5.605		265408	298708
5.662		1950126	2129643
5.751		1929	3106
5.865		1199802	1162856
5.896		54920	33189
5.922		265213	292720
5.999		1706	2624
6.057		52349	53309
6.136		240878	338739
6.233		559	448
6.292		536936	549252
6.337		35866	35483
6.429		1268	1962
6.466		813	382
6.496		171400	181276
6.55		2355	2310
6.646	DCB	4053681	4394429
6.782		575	510
6.816		1042	1179
6.847		471	186
6.892		613	543
6.926		7013	9569
6.984		597	304

LANCASTER LABORATORIES

Sample Number: AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:16:59 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.109.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.013		10753	17866
2.081		15293	11284
2.185		3540	5099
2.232		2294	5059
2.262		3478	5982
2.326		7466	4761
2.387		2450	4247
2.503		1931	4331
2.546		7836	6586
2.575		10258	6594
2.641	TCX	7404593	4284054
2.685		52520	37032
2.811		114075	75502
2.859		68182	31873
2.872		104034	51856
2.925		601590	362341
2.975		18912	10948
3.036		80099	50718
3.082		633	212
3.093		1087	767
3.109		466	78
3.132		465694	237567
3.143		167824	63780
3.184		91350	55819
3.205		40030	22342
3.231		64623	37012
3.255		678082	460754
3.292		22911	12916
3.319		6548	3102
3.338		181537	98569
3.354		102792	51784
3.404		425347	196444
3.414		761069	339464
3.434		28761	9895
3.448		702717	488686
3.523		766943	487937
3.558		509467	327231
3.582		582852	471037
3.687		635642	431883
3.71		254329	138297
3.732		219215	136262
3.761		145516	75745
3.778		527109	329199
3.819		201882	143562
3.866		25401	20852
3.888		141506	86484
3.91		631372	449608
3.936		149364	102590
3.974		82304	53464
4.009		568630	411896
4.059		65438	88908
4.12		5094	3651
4.155		40202	32880
4.211		153866	119331

RT B	Compound B	Height B	Area B
4.254		152091	95239
4.285		530239	551990
4.311		231063	235515
4.363		1319460	1035254
4.411		19623	13223
4.433		137792	89627
4.457		287870	222883
4.499		1560389	1313863
4.602		1274198	1271772
4.656		165056	138307
4.694		379107	321744
4.73		1594356	1340545
4.762		741784	568421
4.801		546960	458648
4.869		1962	1882
4.9		200572	221708
4.951		1069892	1146157
5.025		540816	521158
5.061		278334	223527
5.089		199127	171727
5.123		49668	32031
5.143		2668322	2161021
5.185		55183	41506
5.217		102410	89245
5.333		31042	18776
5.357		526715	457929
5.402		1757633	1939450
5.556		68963	64907
5.601		48101	35940
5.624		49254	37364
5.673		321938	298465
5.778		729305	633328
5.809		44803	32539
5.929		2067	2466
5.976		244440	231997
6.135	DCB	5849585	5436653
6.265		6667	13596
6.313		2774	1984
6.458		1822	4808
6.587		6502	6131
6.71		2209	5218

AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082

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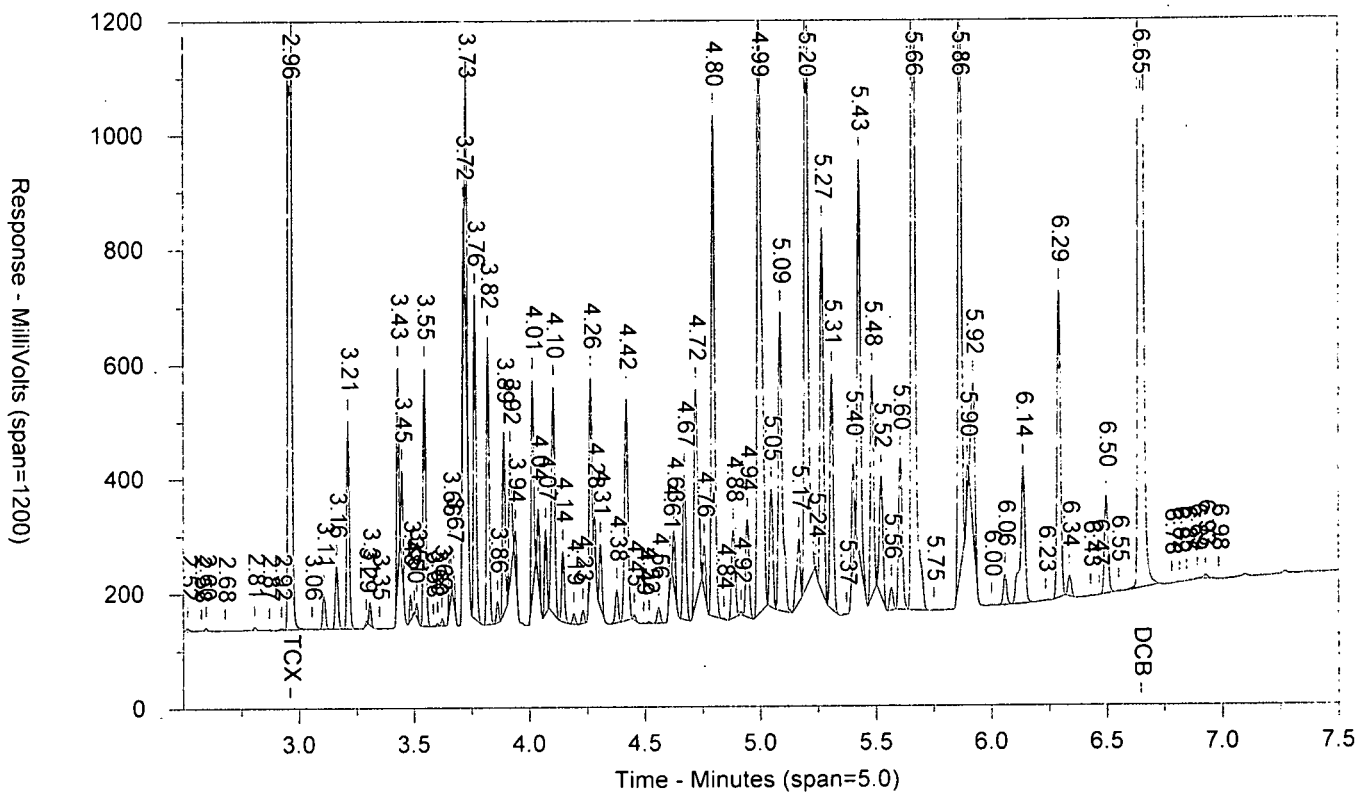

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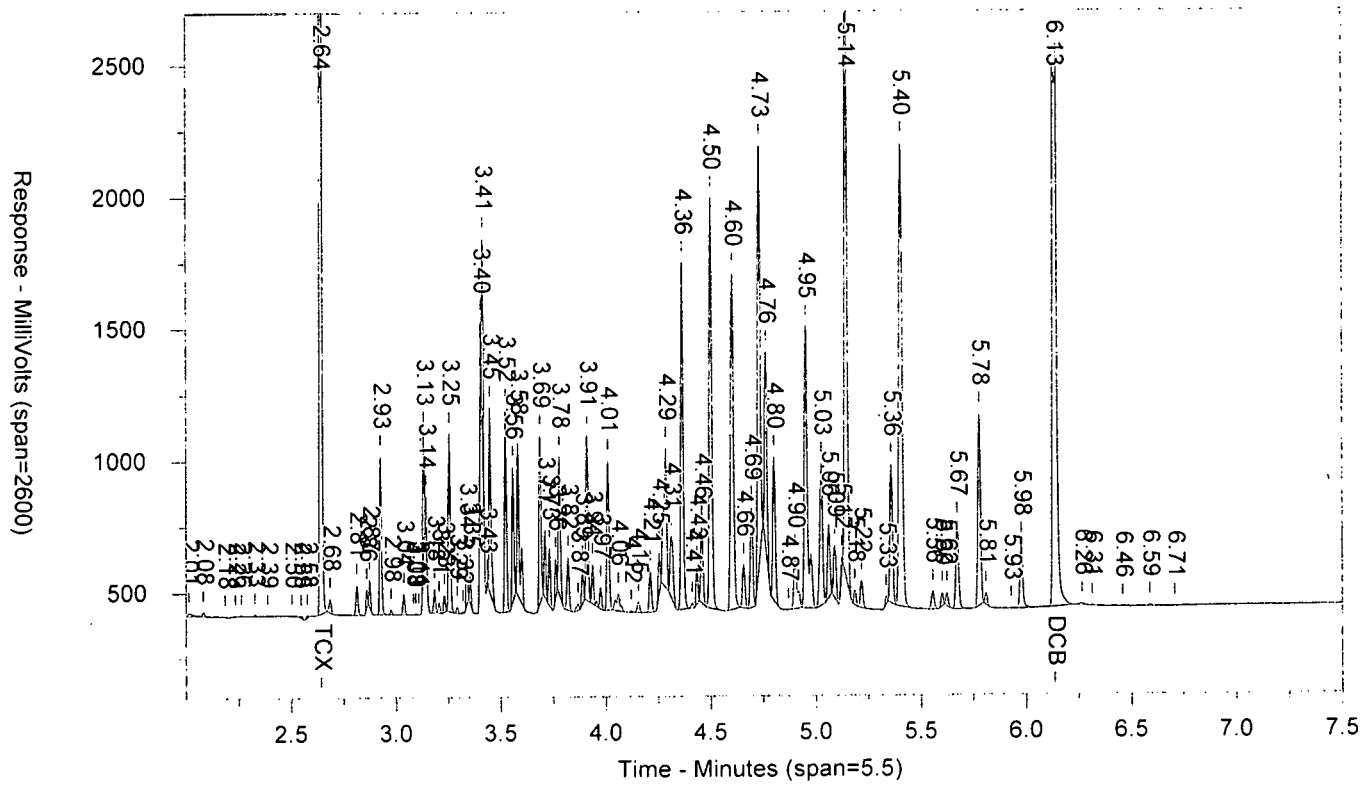

LANCASTER LABORATORIES

Sample Number: AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:16:59 PM Sample Weight: 1
Instrument ID: CP25-18274 Dilution Factor: 1
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.961	4646130	40.874	TCX	2.641	7404593	41.425	TCX
6.646	4053681	38.067	DCB	6.135	5849585	38.74	DCB

Files:
Area File: 25PCBS17257004.109.RAW
Area File: 25PCBS17257004B.109.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 2:25:32 PM
File Reported On: 9/18/2017 at 2:25:43 PM

AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082

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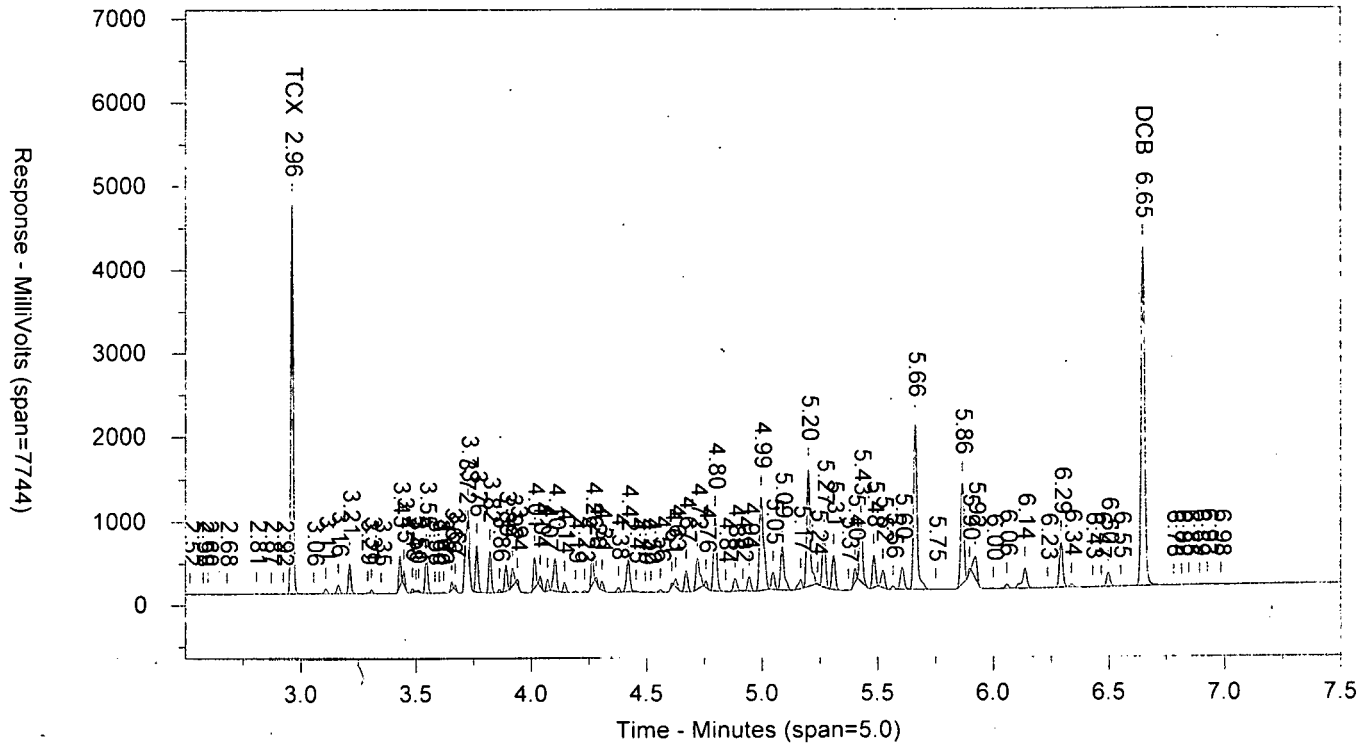

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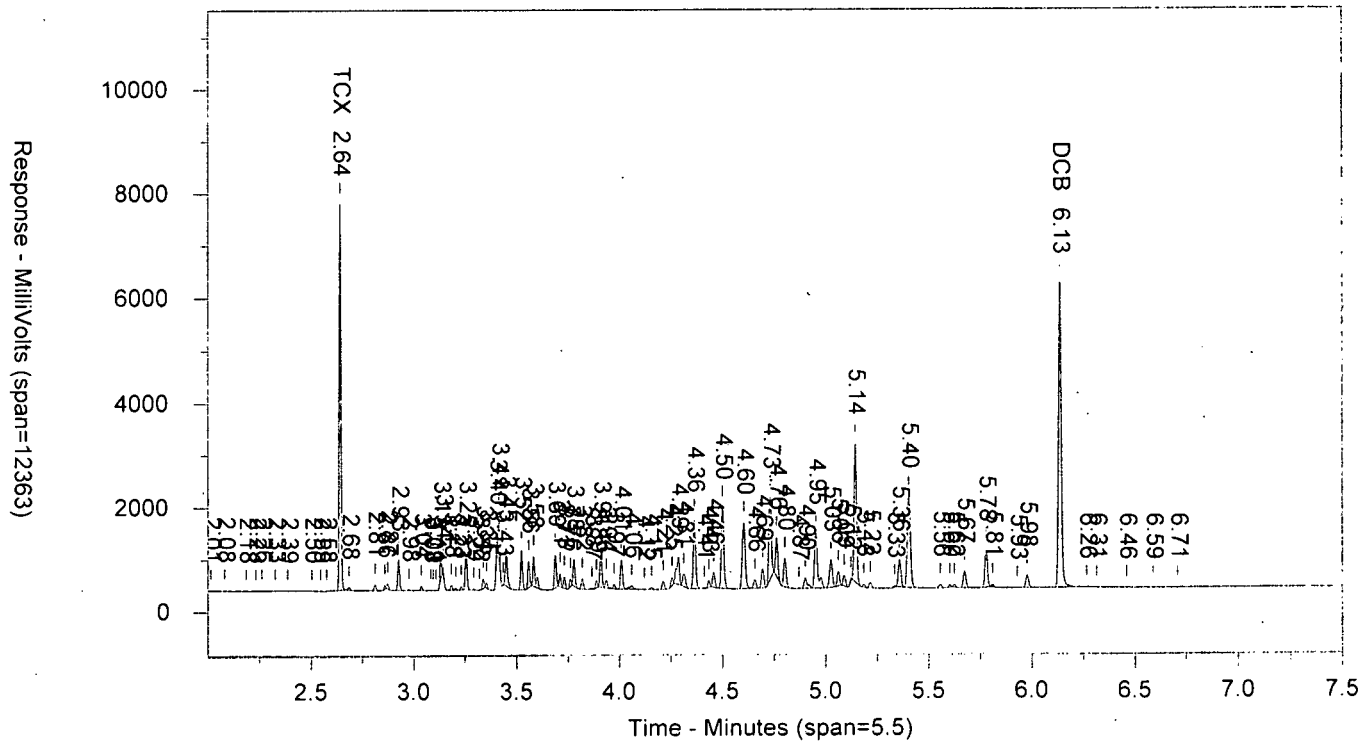

AR1641724B AFAR164AF CCAL 1725999999 10736 SW-846 8082

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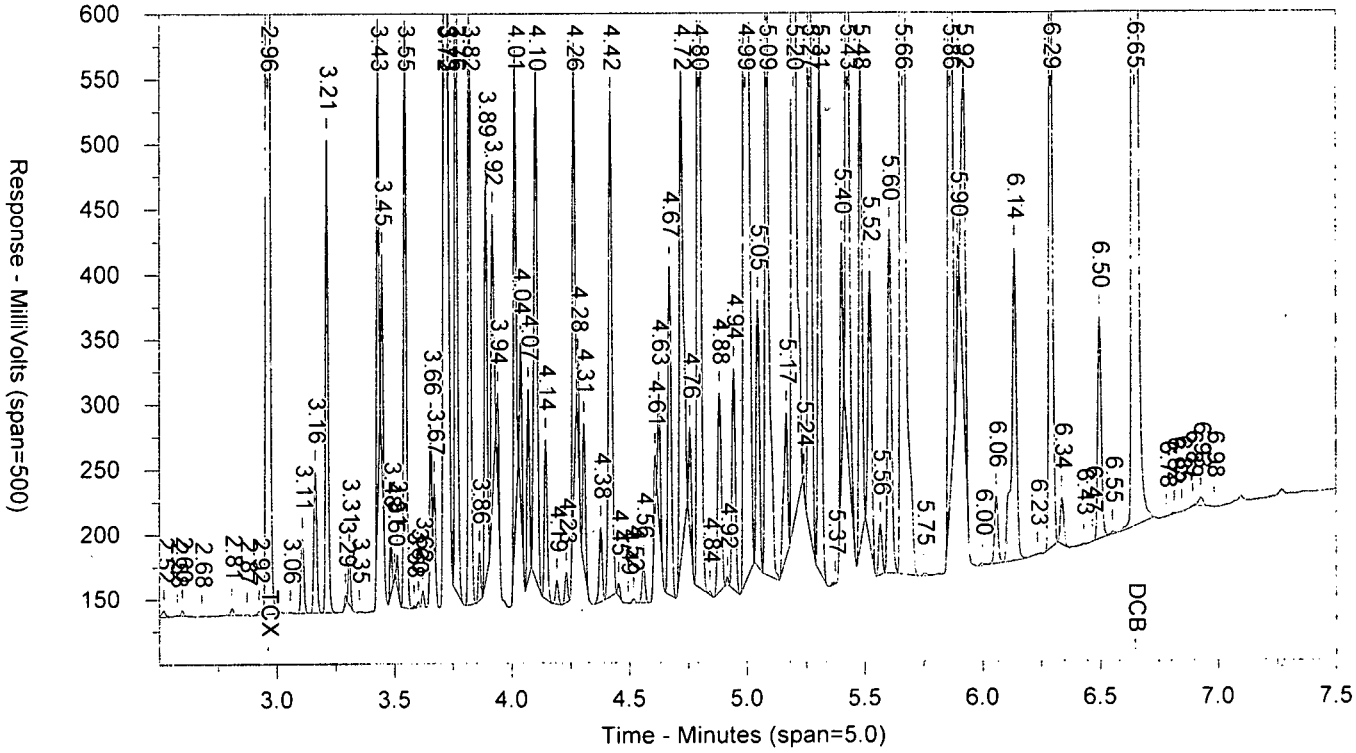

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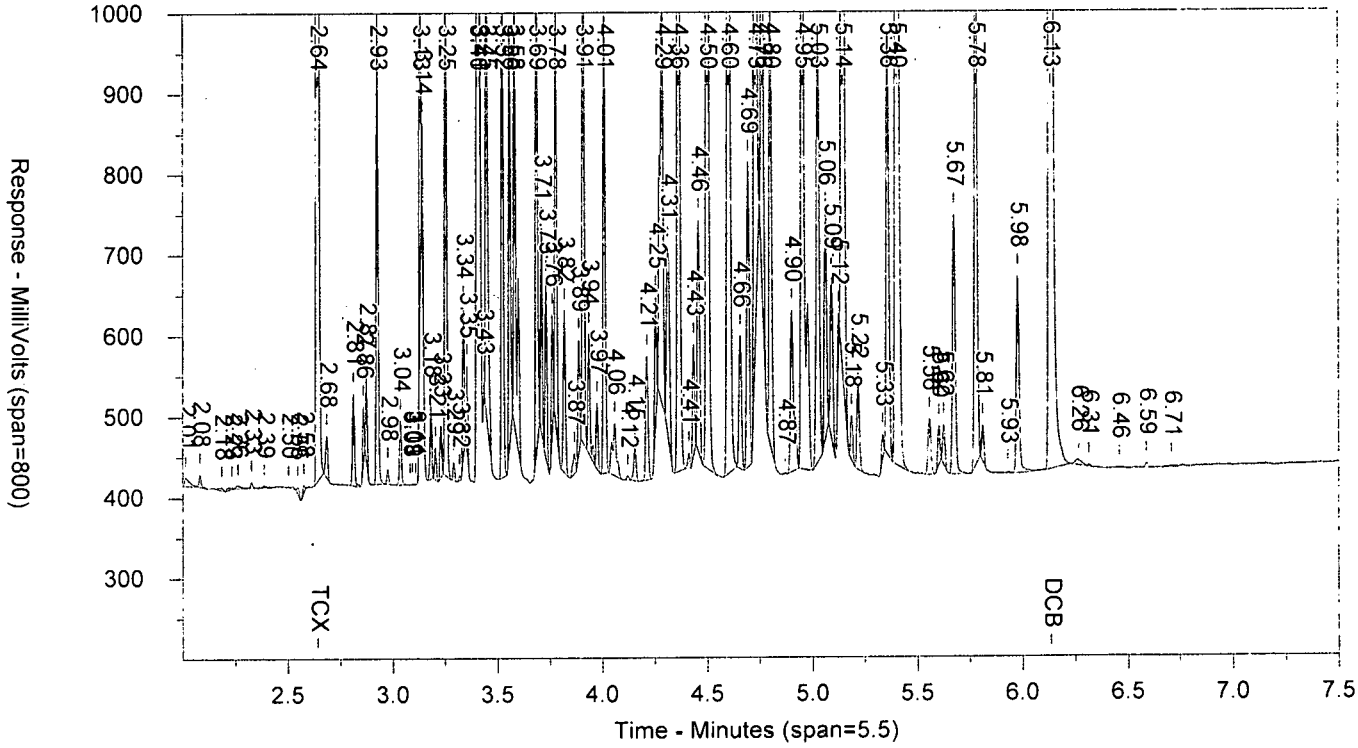

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:28:19 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.110.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.063		4990	5955
2.108		8606	20556
2.259		11049	7547
2.358		15367	12964
2.393		1819	2611
2.517		3790	5135
2.566		578	416
2.675		572	349
2.744		298	99
2.806		24390	24879
2.921		2345	2412
2.96	TCX	2312848	1581237
3.059		974	1034
3.12		291	161
3.156		30079	19853
3.252		537	447
3.288		7751	6196
3.36		608	708
3.413		1096	2013
3.535		1009	680
3.599		2691	1679
3.635		1916	1915
3.708		1934	2829
3.757		1123	946
3.819		609	1474
3.895		602	515
3.912		374	233
3.938		445	276
3.963		2450	2502
4.203		328	262
4.253		777	791
4.296		2888	4802
4.366		1071	1975
4.412		518	428
4.522		518	414
4.55		662	744
4.645		2784	3725
4.699		464	287
4.734		419	475
4.789		711	802
4.876		421	274
4.914		555	273
4.935		2520	2313
5.007		2995	3952
5.038		1763	1532
5.074		1697	1667
5.157		2001	2094
5.197		1005	873
5.264		753	606
5.303		449	329
5.359		5707	9659
5.428		1762	5771
5.446		377	122
5.487		535	758

RT A	Compound A	Height A	Area A
5.522		283	379
5.56		1827	1867
5.606		650	585
5.66		820	785
5.683		6510	6995
5.761		3987	4358
5.818		511	293
5.863		1085	1079
5.893		665	299
5.932		261	619
5.961		381	297
5.991		2410	3619
6.054		13521	13604
6.117		12766	15293
6.179		513	349
6.274		2059	4142
6.328		3612	6911
6.395		542	299
6.434		296	521
6.492		17468	16227
6.516		1750	1238
6.552		1138	1459
6.642	DCB	2034634	2245922
6.751		446	113
6.817		692	1349
6.845		617	476
6.875		171	660
6.887		569	319
6.922		6050	9227
6.981		486	246
6.992		788	201

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:28:19 PM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.110.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.018		15171	25376
2.082		7684	6830
2.182		1746	1845
2.239		1610	3962
2.257		3420	3440
2.384		2455	4238
2.515		2230	3366
2.574		51314	43574
2.642	TCX	3693746	2124392
2.859		50967	31640
2.975		9358	6046
3.066		754	152
3.078		820	340
3.097		362	132
3.111		475	64
3.119		1702	651
3.143		768	686
3.151		1922	1016
3.181		337	113
3.188		648	152
3.212		1002	833
3.288		957	558
3.318		4441	2471
3.358		2870	4652
3.417		2810	6462
3.521		1916	1710
3.679		4112	14594
3.81		2734	16939
3.867		2285	5424
3.928		1726	3183
3.976		1631	1159
4.198		3132	5069
4.274		3474	17434
4.402		1809	4686
4.475		4112	14430
4.619		4845	7033
4.845		2594	66136
5.065		1300	2740
5.141		2181	3145
5.214		7317	9083
5.375		5665	9873
5.5		1895	2576
5.553		20393	20073
5.62		18673	18117
5.669		3843	3871
5.838		1132	1571
5.973		27197	28000
6.133	DCB	3083317	2776935
6.259		7117	15076
6.447		2305	4874
6.585		3627	3612
6.762		1401	5287
6.915		2015	6209

IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082

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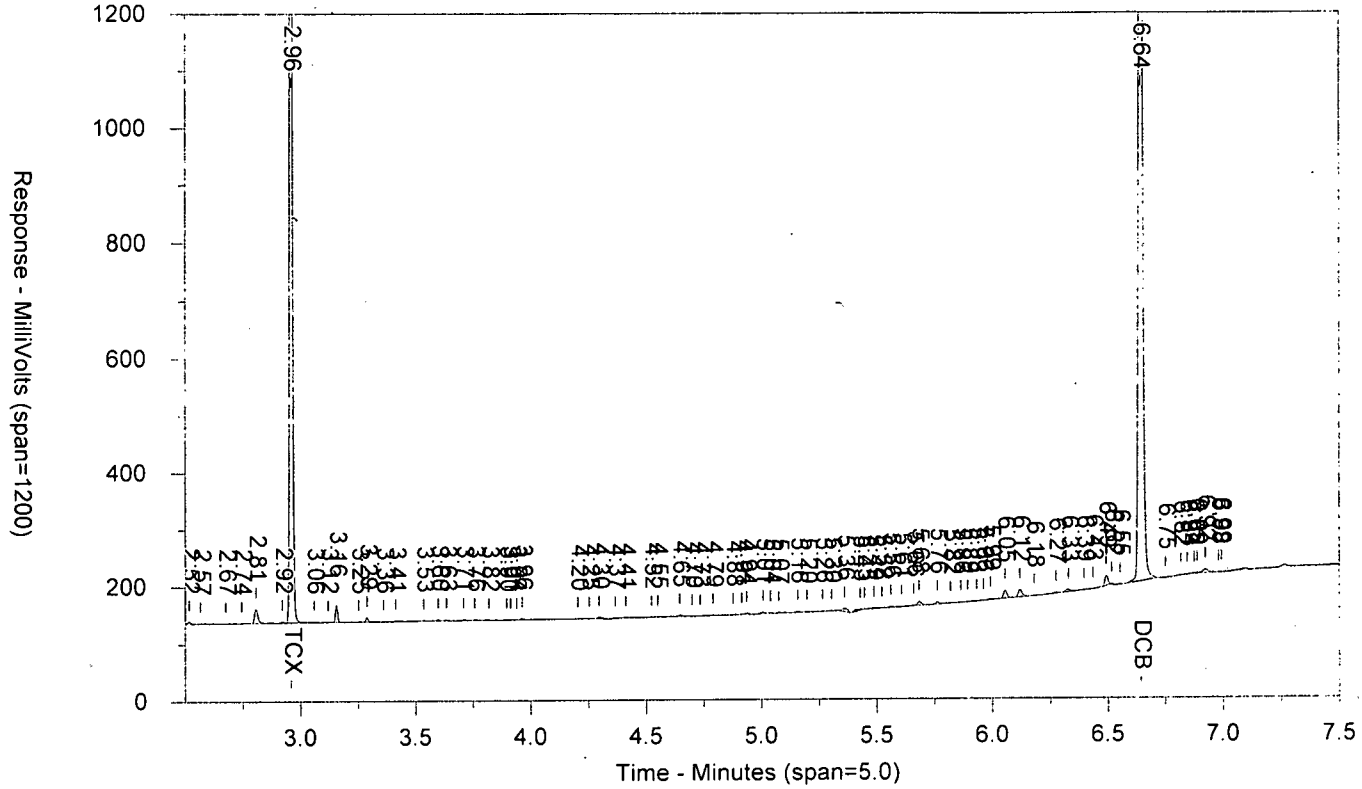

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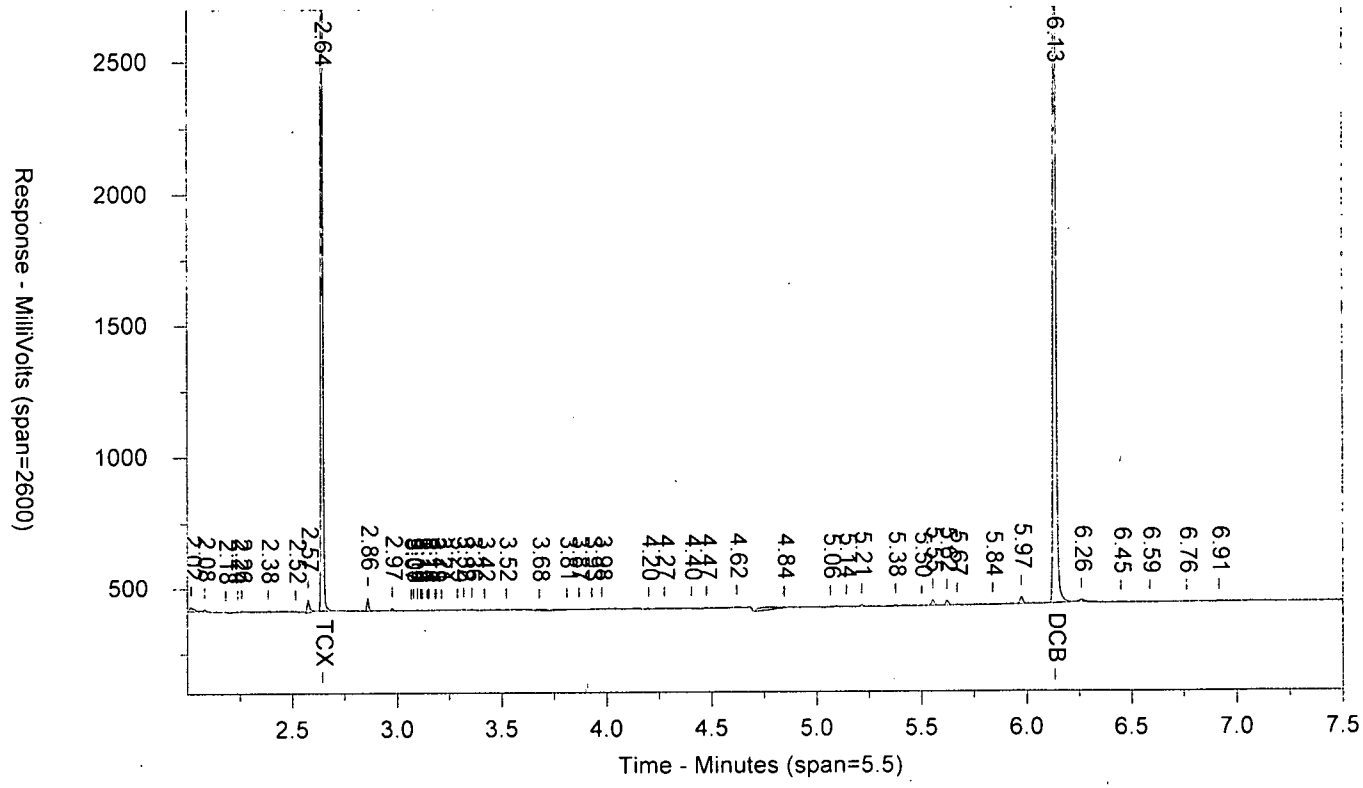

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 2:28:19 PM Sample Weight: 1000
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.96	2312848	.203	TCX	2.642	3693746	.207	TCX
6.642	2034634	.191	DCB	6.133	3083317	.204	DCB

Files:
Area File: 25PCBS17257004.110.RAW
Area File: 25PCBS17257004B.110.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 2:36:51 PM
File Reported On: 9/18/2017 at 2:36:59 PM

IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082

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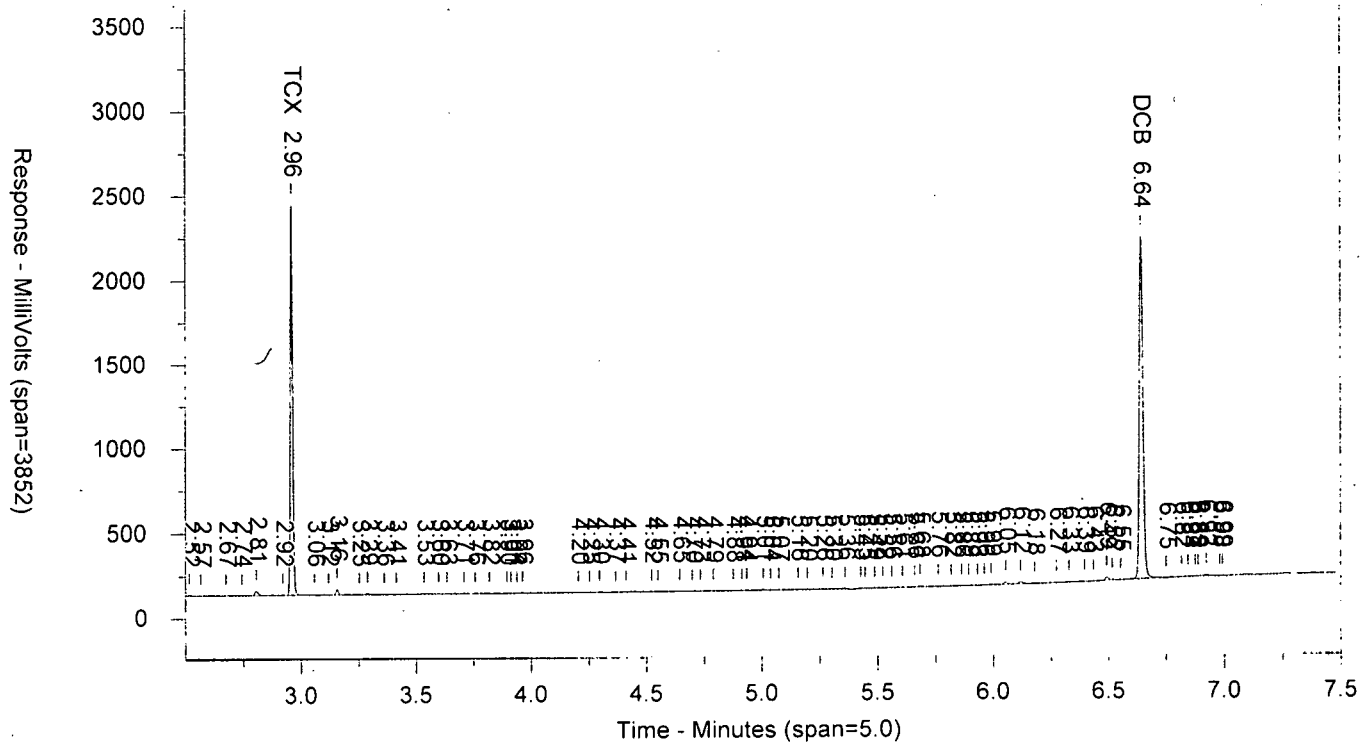

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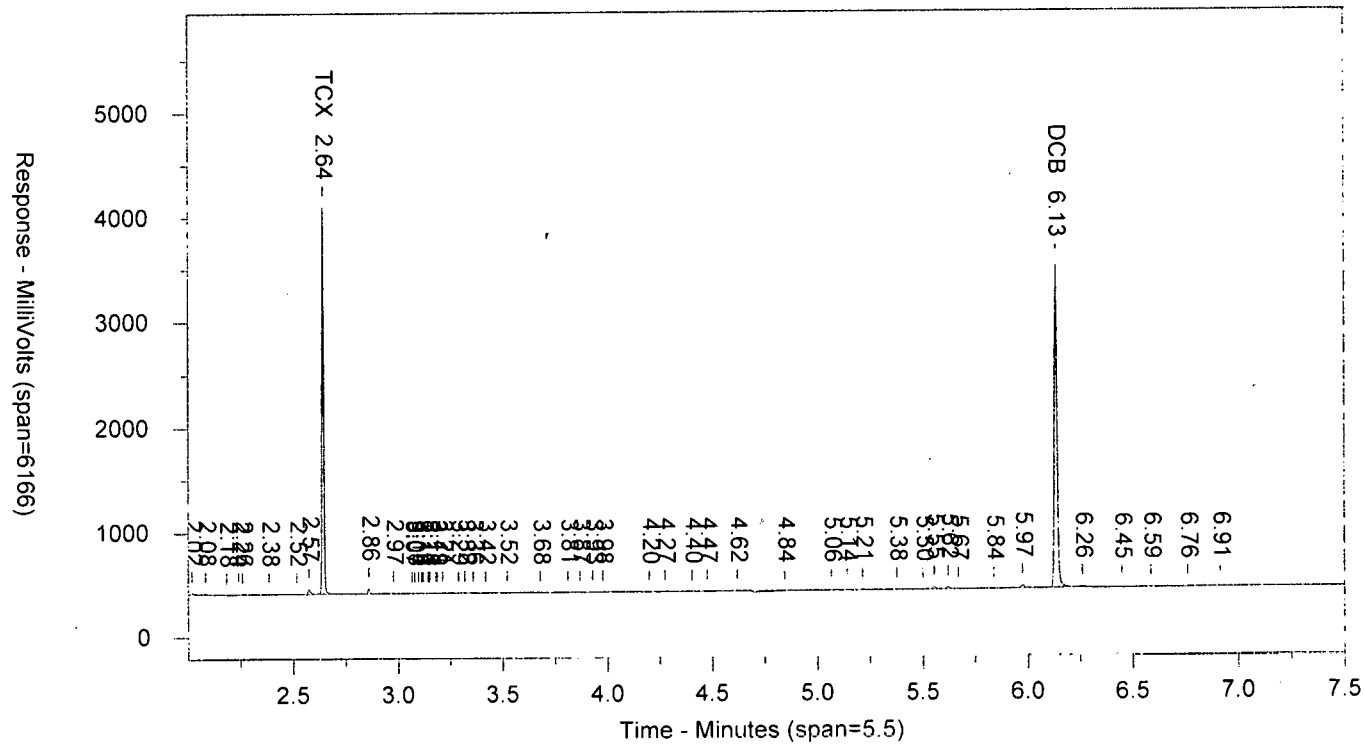

IBLKX1724B AOPIBLKAO PIBLK1725999999 10736 SW-846 8082

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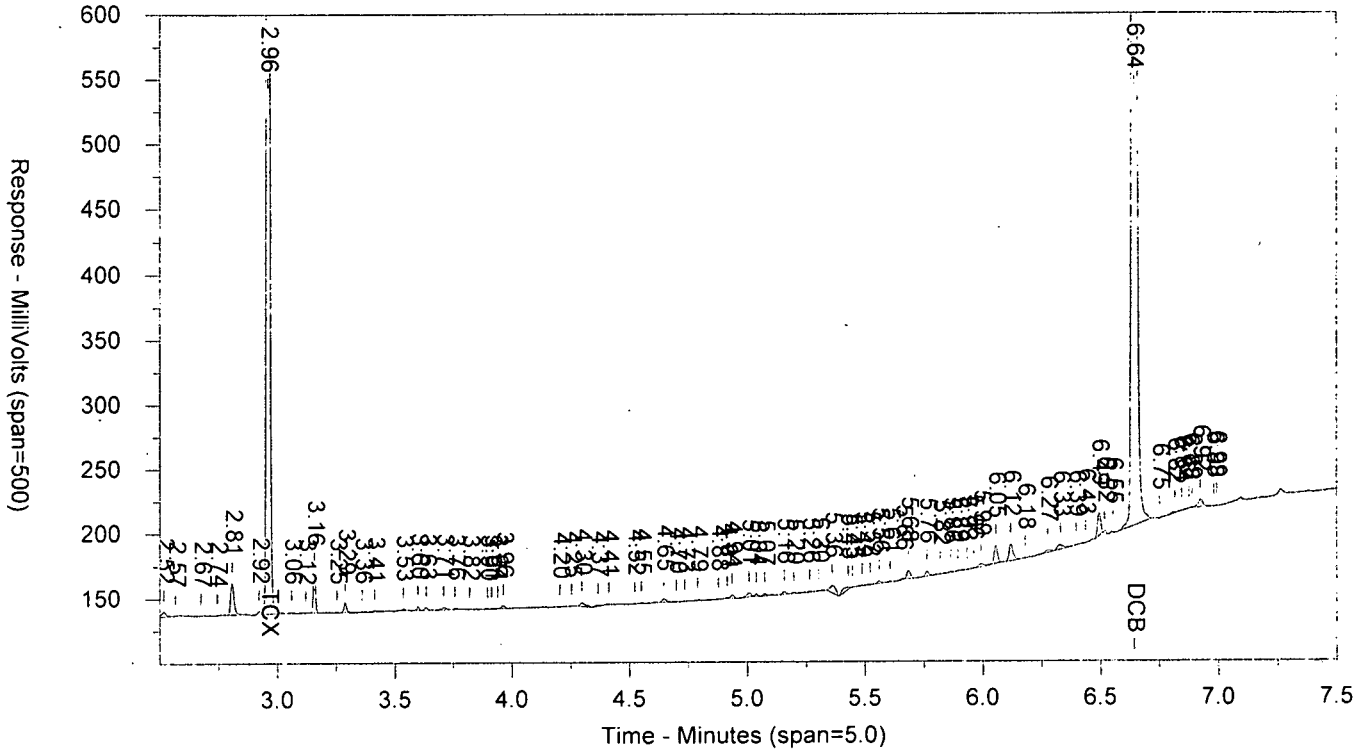

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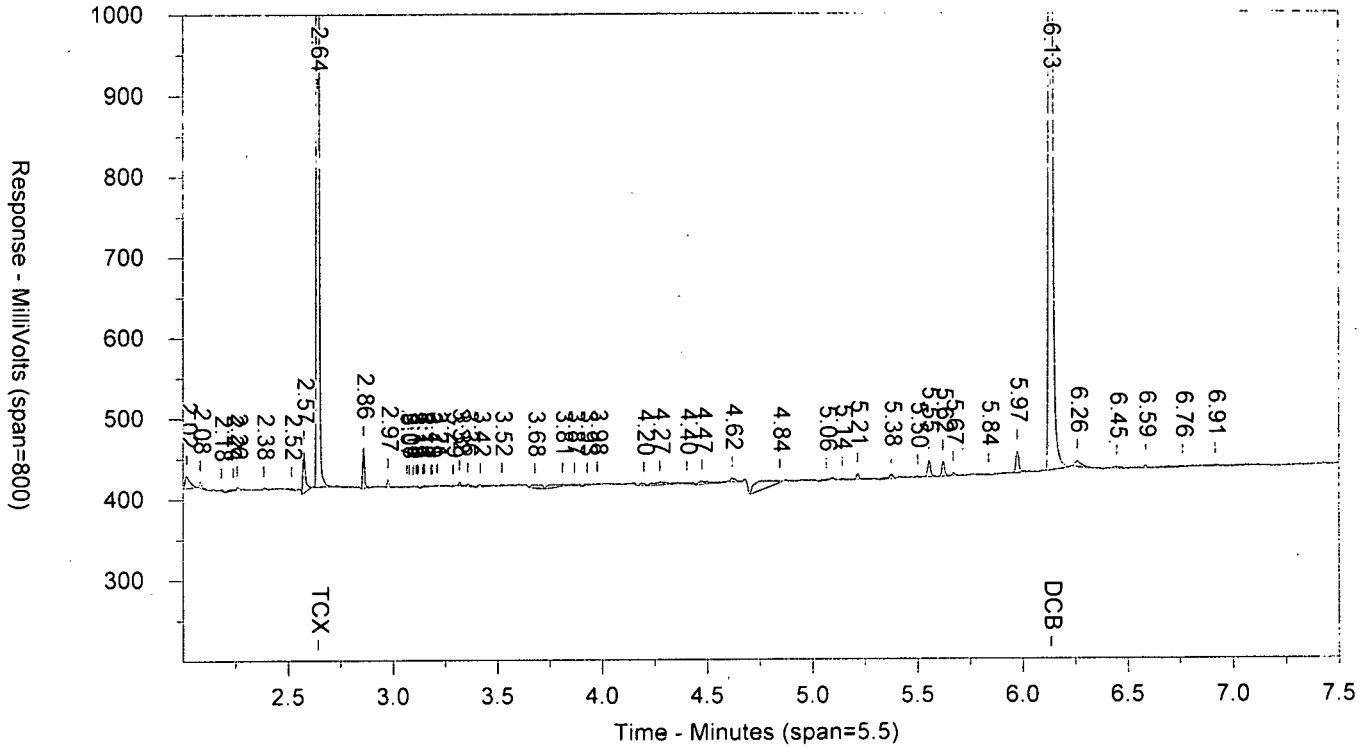

LANCASTER LABORATORIES

Sample Number: AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:46:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0070.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.631		8755	7937
1.964		2071	1743
2.112		14383	36102
2.149		34328	99972
2.295		76842	56569
2.391		46083	31560
2.404		31008	19207
2.434		9247	10856
2.55		11705	12696
2.577		7838	8608
2.635		15887	10124
2.67		4274	2800
2.758		2636	1641
2.844		51788	49113
2.931		16668	30282
2.952		4960	3091
2.999	TCX	15906930	9990559
3.098		4948	2507
3.147		229357	196325
3.202		367036	323209
3.251		1278682	879851
3.328		28651	14211
3.344		167536	99983
3.383		4194	2970
3.466		1309682	806418
3.482		685367	364466
3.519		172423	101493
3.535		31974	12431
3.547		92805	47543
3.58		1612586	1162865
3.615		8886	4448
3.635		20618	11840
3.655		68443	43295
3.689		374911	215222
3.704		195768	97988
3.749		881815	486232
3.76		1704402	808970
3.799		1804510	1397419
3.859		1569724	1203577
3.9		140428	97921
3.928		1088781	815574
3.955		793358	662085
3.977		249738	134180
4.054		1214318	881287
4.078		453642	301877
4.11		519056	361947
4.144		1269151	1222137
4.185		404323	332930
4.231		60300	50930
4.271		88432	64553
4.306		1185761	864503
4.325		274457	151795
4.349		358569	270513

RT A	Compound A	Height A	Area A
4.419		204055	171186
4.462		1319243	1219566
4.497		58705	42361
4.534		2595	1208
4.559		16272	13314
4.601		153067	148634
4.654		164243	105822
4.671		369401	251893
4.715		848394	736221
4.764		1259519	1406461
4.801		296591	216155
4.841		2784976	2574347
4.886		25843	19843
4.928		430103	452837
4.961		32893	21731
4.988		441854	427923
5.041		2795451	3431796
5.093		553646	510543
5.132		1230380	1322717
5.173		9774	4404
5.211		230787	272524
5.245		2578792	2316869
5.267		85215	45387
5.286		34379	14850
5.311		1380268	1268923
5.353		872281	816616
5.447		349003	279820
5.472		1606993	1409715
5.528		905533	810898
5.567		512580	508256
5.608		102735	102078
5.65		507401	555532
5.706		3731593	4051915
5.91		2257495	2170349
5.941		78019	56057
5.965		571210	660480
6.1		181013	180331
6.179		507637	782656
6.332		852480	866198
6.378		49331	42810
6.533		285553	304112
6.626		1584	542
6.679	DCB	5095012	5474990
7.07		1102	640
7.186		1335	383
7.228		1774	455
7.287		1923	909
7.433		1434	532
7.502		1593	992
7.719		2240	579
7.789		1322	416
7.834		1399	381
7.941		1301	428
7.962		1423	477
8.033		1270	475
8.324		1462	540
8.4		2326	698
8.417		1321	673

LANCASTER LABORATORIES

Sample Number: AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:46:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0070.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.555		2350	1669
1.657		3338	2394
1.762		5227	3728
1.865		4227	3887
1.965		87983	90456
2.031		19361	33792
2.072		7025	5888
2.091		28244	18515
2.171		5166	6777
2.27		12219	11797
2.336		19711	16958
2.367		3801	2176
2.464		5621	5908
2.558		15029	17862
2.582		67449	48120
2.626		2836	1460
2.652	TCX	16564400	9914508
2.695		121329	86433
2.735		4715	5675
2.822		280879	189435
2.869		146291	70336
2.883		242472	123368
2.935		1364057	860530
2.986		41914	27771
3.046		192875	121820
3.076		3385	2746
3.142		1769401	1723572
3.193		216474	134633
3.215		105196	58683
3.24		147272	83008
3.264		1685416	1128847
3.3		65953	38631
3.328		22973	10344
3.347		420351	226718
3.362		241105	119173
3.387		3788	1444
3.412		825716	408554
3.422		1795231	780675
3.441		73206	24723
3.455		1648199	1124947
3.529		1816306	1136164
3.564		1251632	787954
3.587		1349614	748491
3.605		438144	221445
3.69		1556544	1016206
3.713		603366	320690
3.734		542264	328244
3.764		361192	193665
3.782		1197696	754363
3.824		454593	326808
3.872		62561	57990
3.894		296401	178072
3.915		1620059	1063391
3.941		322531	193848

3.96		61828	29309
3.98		205747	126151
4.015		1280183	901712
4.05		70563	40005
4.065		108119	64597
4.112		2925	1525
4.127		12347	8066
4.161		107546	111436
4.218		346555	247105
4.261		393442	234908
4.28		237604	133134
4.292		933780	517927
4.318		524456	533032
4.371		2953458	2175871
4.417		43242	36830
4.441		249487	166575
4.466		621939	452684
4.509		3215691	2544711
4.612		2551517	2526780
4.666		354472	280678
4.704		727899	619888
4.741		3092972	2548412
4.773		1547691	1139043
4.812		1133098	860553
4.912		393792	377961
4.963		2027212	1569906
4.987		233124	148156
5.037		1031935	929753
5.073		494081	393390
5.103		357125	292149
5.136		113166	65618
5.158		4096495	3421455
5.198		70640	49796
5.23		197126	158601
5.349		47190	29117
5.373		836418	697177
5.417		2520641	2858883
5.574		150727	129550
5.618		43387	30003
5.642		139415	109902
5.69		431369	398701
5.798		780162	696709
5.829		33930	22160
5.998		279719	284400
6.157	DCB	6097177	5948558
6.606		3736	3754
6.639		2333	2254
8.294		9359	17749

AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082

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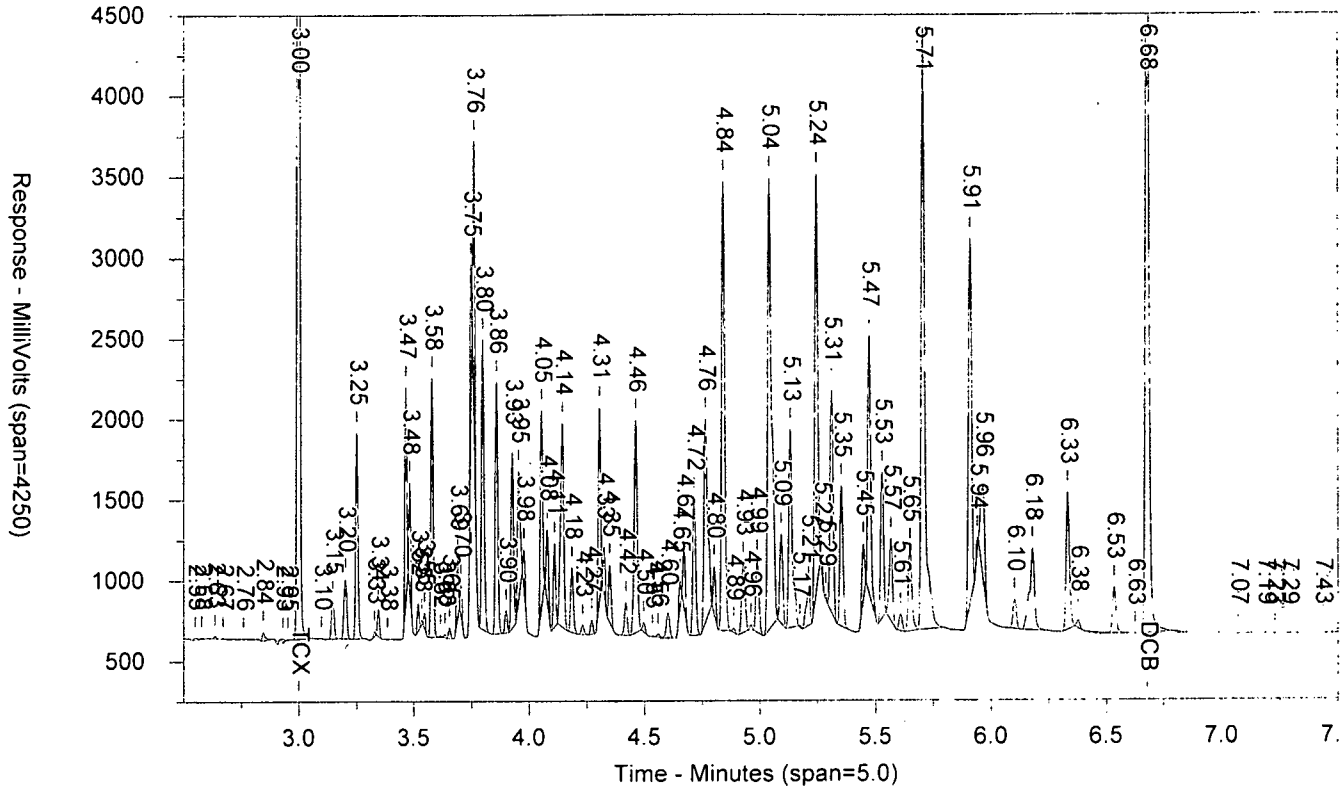

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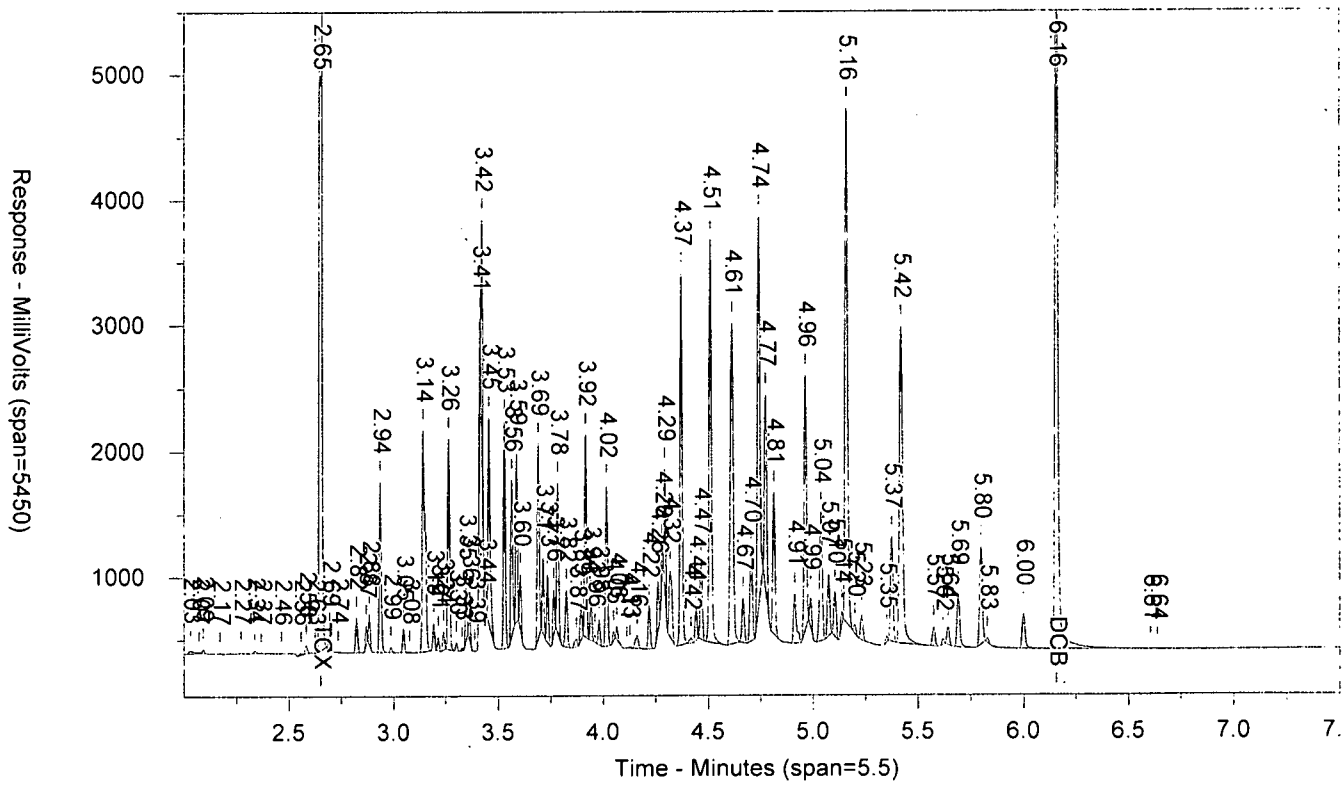

LANCASTER LABORATORIES

Sample Number: AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:46:17 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	15906930	42.026	TCX	2.652	16564400	42.623	TCX
6.679	5095012	37.747	DCB	6.157	6097177	38.274	DCB

Files:
Area File: 07pcbs17250008.0070.RAW
Area File: 07pcbs17250008B.0070.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:15 AM
File Reported On: 9/18/2017 at 9:59:36 AM

AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082

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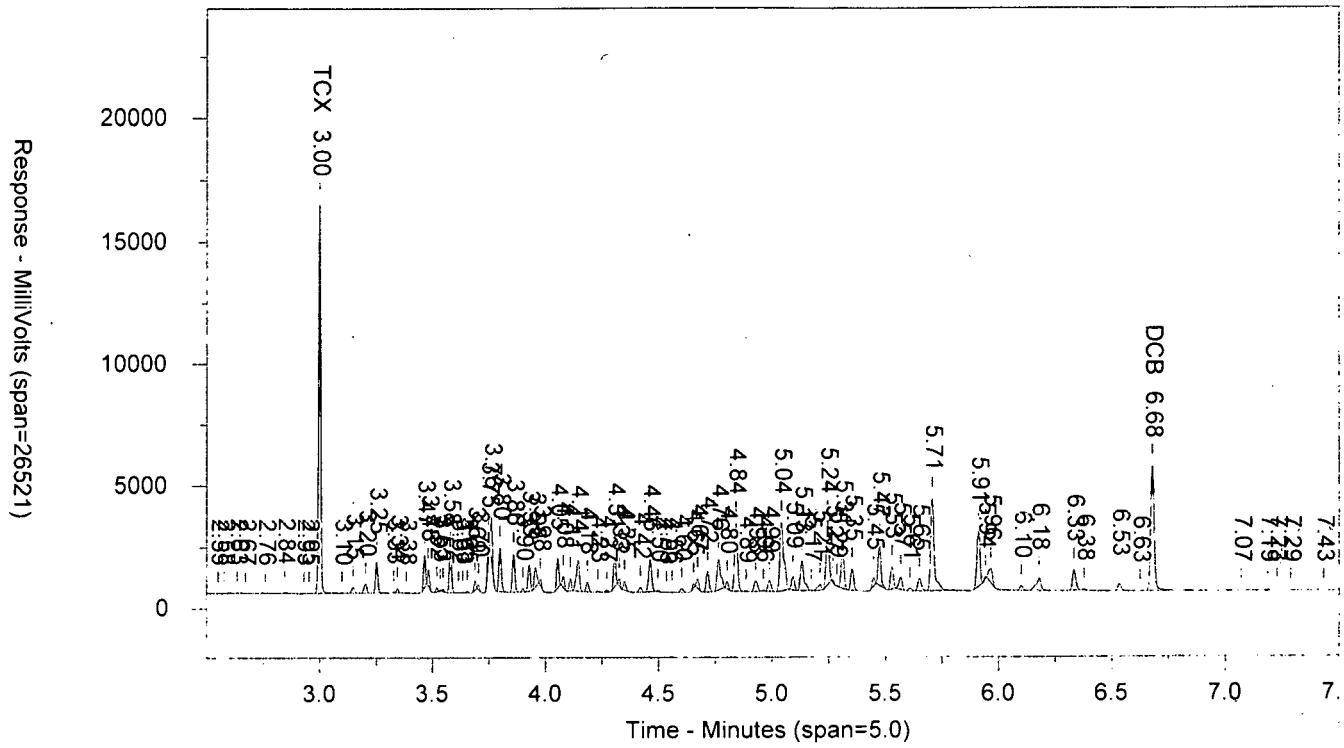

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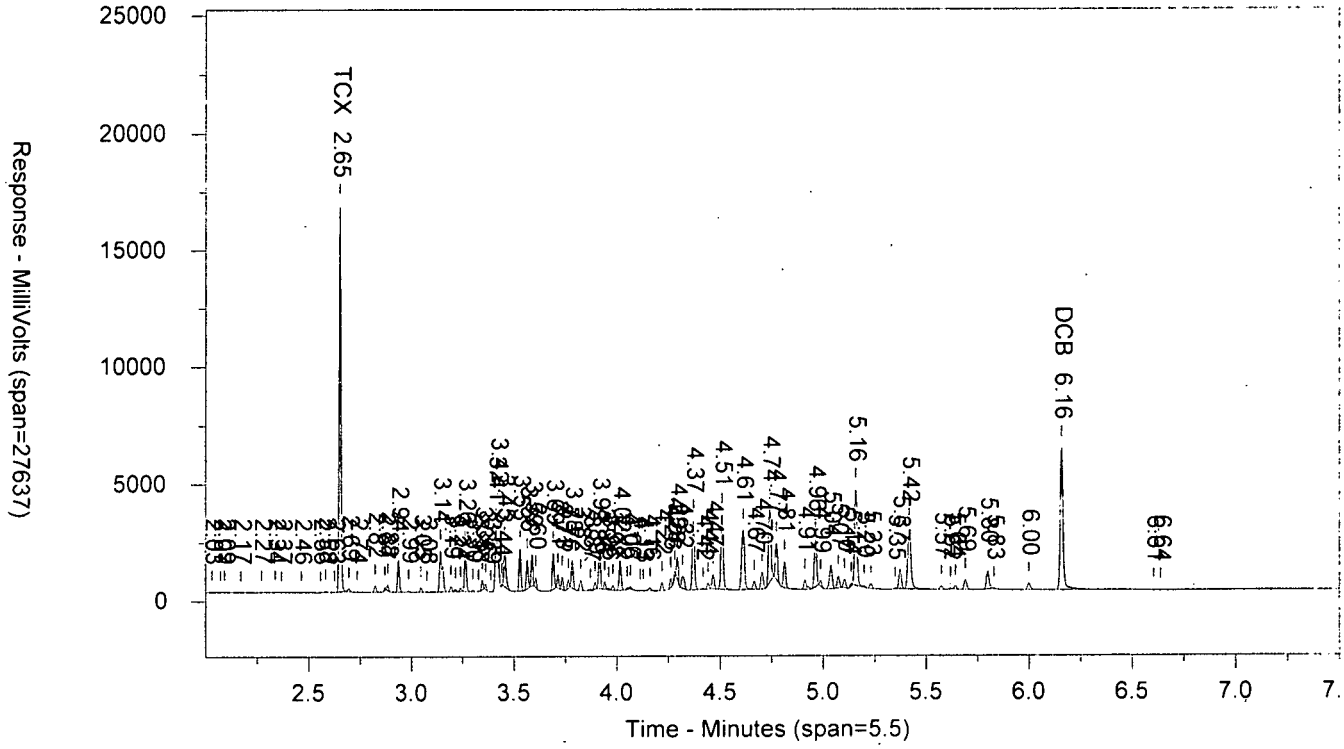

AR1641724B ZTAR164ZT CCAL 1725999999 10736 SW-846 8082

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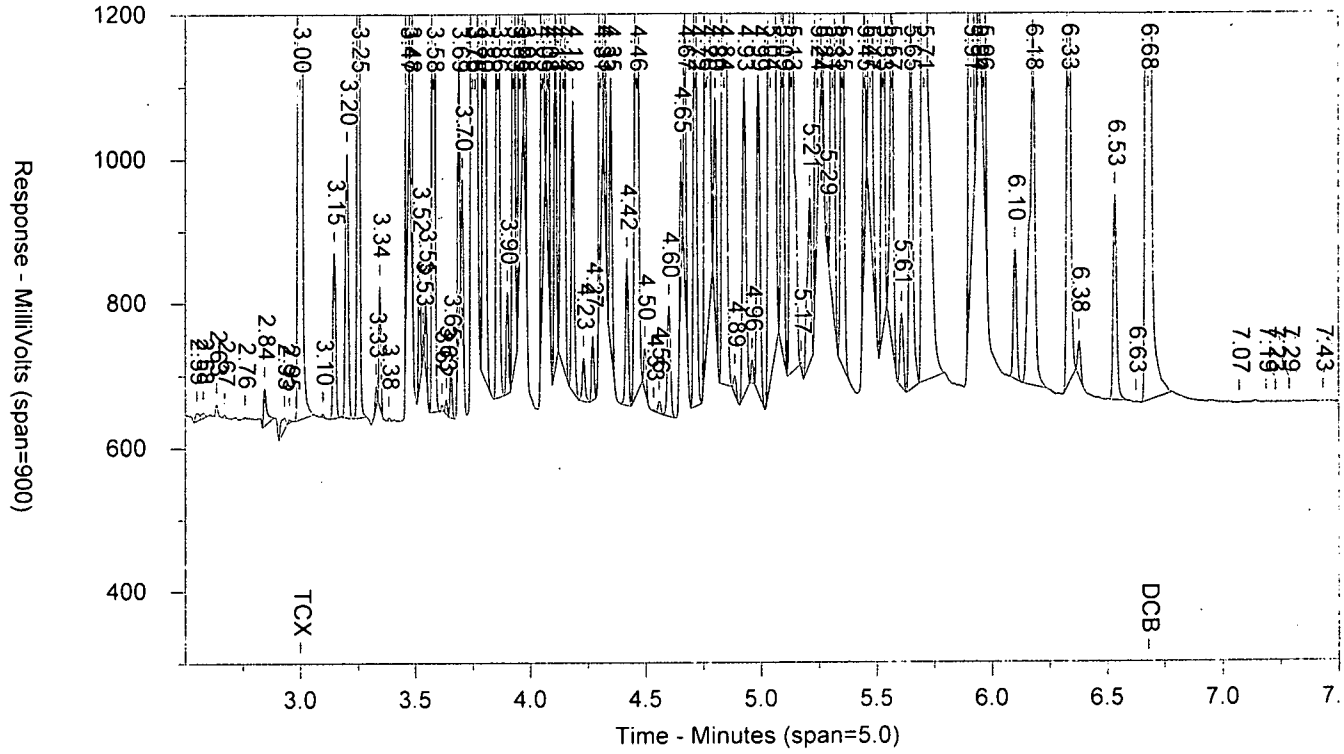

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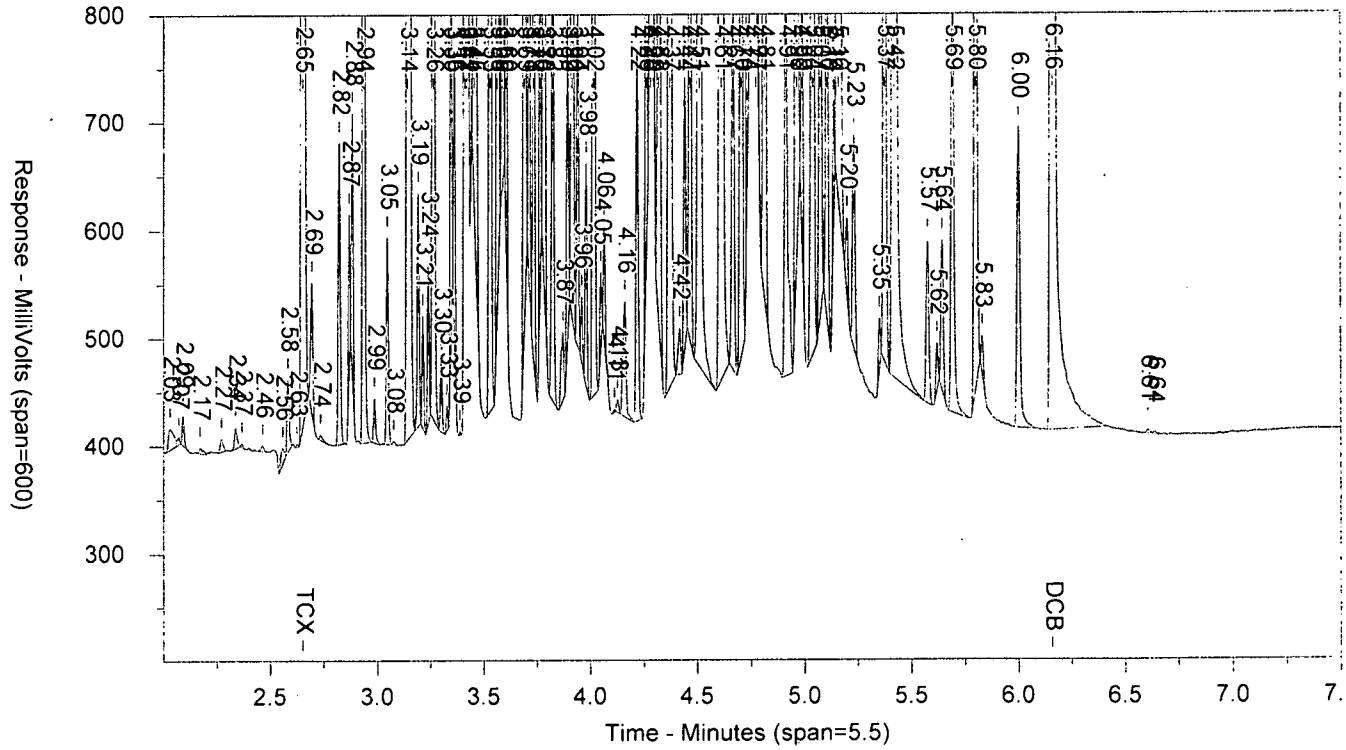

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:57:43 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0071.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.671		4844	26915
2.112		14506	34065
2.148		28336	51122
2.217		6521	7567
2.295		39091	25579
2.391		25658	13870
2.433		8257	6023
2.552		8828	9140
2.717		2637	1857
2.844		24032	16586
2.929		33171	58752
2.953		5482	5503
2.999	TCX	7904109	4965437
3.133		2712	1758
3.197		119962	75563
3.256		2261	1247
3.328		27071	22529
3.362		1594	704
3.454		1862	1359
3.637		8742	4593
3.667		3231	4944
3.736		4458	3733
3.797		4244	3704
3.846		2261	789
3.858		1578	423
3.873		1840	415
3.88		917	210
3.889		950	207
3.897		644	145
3.919		676	158
3.926		2048	1284
3.954		3626	3182
3.992		2655	2394
4.051		1473	606
4.18		1058	503
4.248		10731	10979
4.327		5765	4954
4.356		6662	7608
4.46		2971	3860
4.559		1420	702
4.597		1905	2193
4.677		2259	1525
4.715		3445	2161
4.84		2950	2299
4.885		1825	849
4.931		4605	4065
4.946		1888	341
4.965		4616	4089
5.042		6086	7587
5.131		1674	1606
5.204		9948	9929
5.243		3626	2894
5.393		2290	3233

RT A	Compound A	Height A	Area A
5.421		1417	834
5.609		8880	8053
5.73		31690	39283
5.786		1451	777
5.861		1583	814
5.908		4695	4240
5.965		5531	10497
6.019		2186	2491
6.037		1506	937
6.101		79646	77154
6.163		89110	98882
6.249		1672	947
6.333		2317	1339
6.417		1888	447
6.506		1411	598
6.533		46543	49983
6.598		1503	486
6.623		1326	259
6.68	DCB	2486708	2729103
7.01		1162	406
7.065		1860	1600
7.138		1666	1286
7.297		1794	974
7.353		1791	628
7.438		1623	631
7.526		1186	367
7.536		2217	926
7.556		1959	665
7.95		1405	807
8.089		1454	405
8.104		1651	493
8.191		1392	706
8.445		2070	391
8.494		1222	805
8.616		889	312

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:57:43 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0071.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.658		1607	1413
1.763		4086	7889
1.831		1914	4356
1.964		47636	52037
2.031		15928	31519
2.091		14805	11065
2.152		1530	1770
2.172		2413	3919
2.209		1664	1043
2.271		10208	10612
2.345		5862	9033
2.509		17226	45781
2.566		9113	25671
2.582		37702	29130
2.626		2554	1343
2.652	TCX	8243964	5011819
2.816		2423	2809
2.869		118420	71932
2.986		20753	13059
3.152		2818	4048
3.218		2257	1058
3.328		12347	7936
3.361		6302	4973
3.42		4998	8845
3.485		2292	1437
3.593		4471	7922
3.649		1543	1430
3.781		2995	13015
3.915		3405	3675
3.978		13183	11673
4.063		12198	12561
4.115		5128	6464
4.278		5936	11901
4.372		3730	2683
4.443		4883	4050
4.485		5200	3829
4.508		4492	5042
4.612		3757	4751
4.659		2662	2179
4.713		11853	8345
4.74		5404	4759
4.964		3184	2631
5.034		3101	3415
5.109		8923	6804
5.157		4320	4555
5.231		29802	24770
5.269		4229	4207
5.371		2157	2265
5.422		5220	5744
5.574		60443	52052
5.643		67842	61599
5.69		10466	10309
5.998		46379	45675
6.157	DCB	2942234	2867554

6.612	1790	1307
7.418	1445	1097
8.293	8857	15553

IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082

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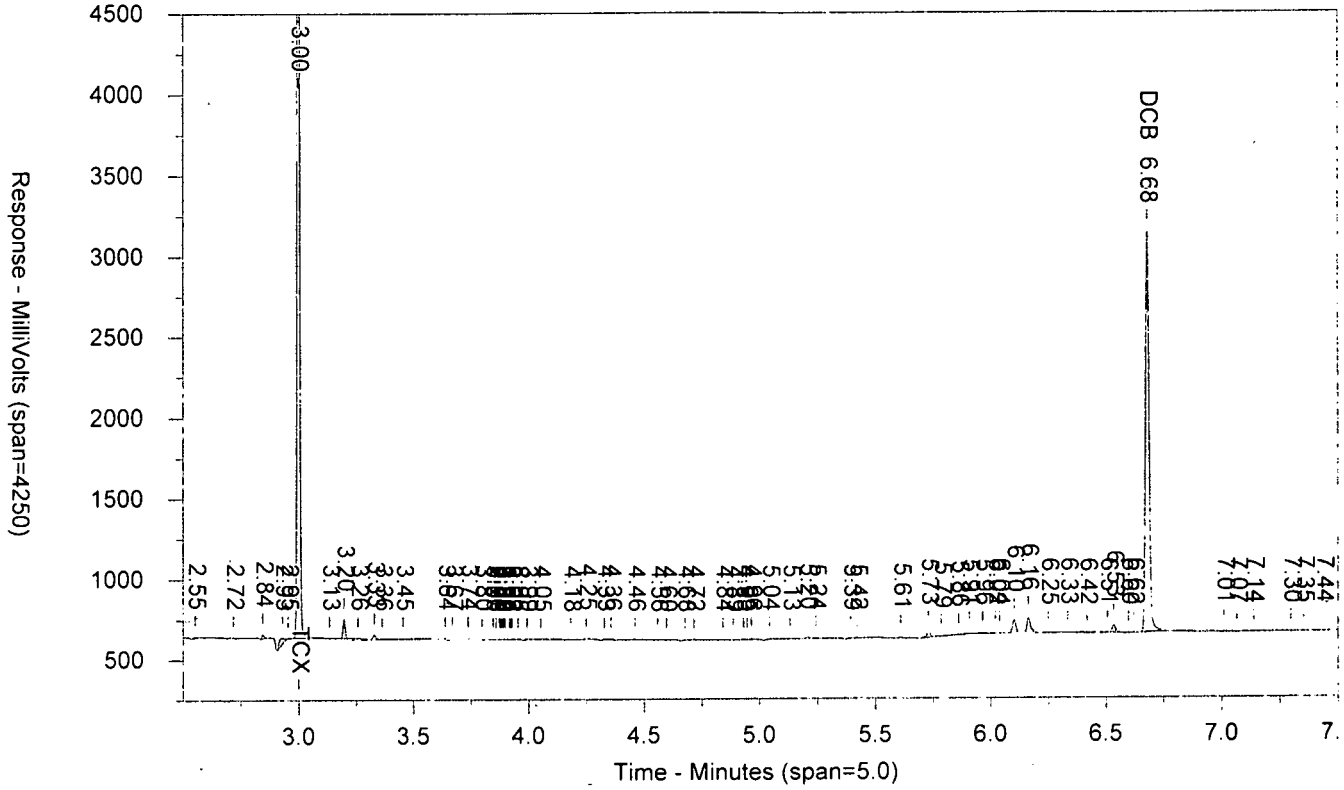

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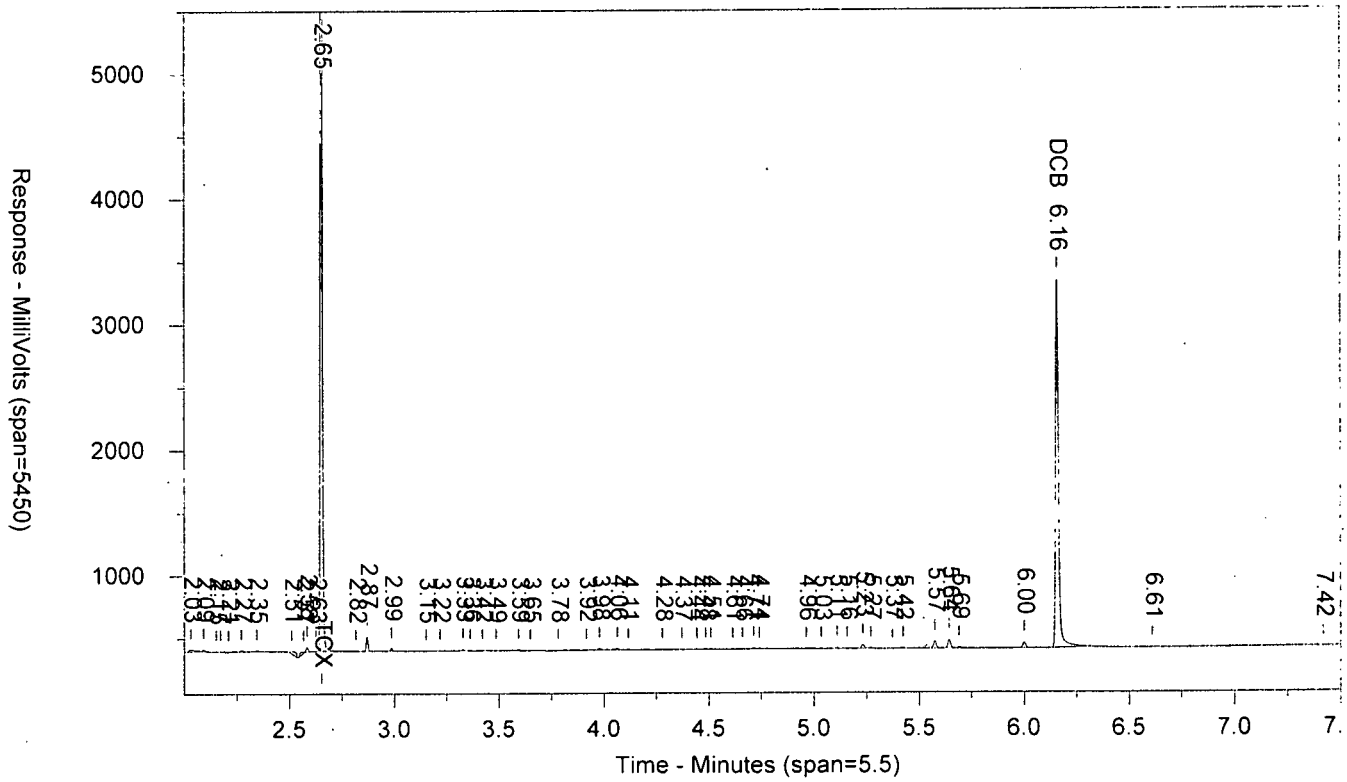

LANCASTER LABORATORIES

Sample Number: IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 5:57:43 AM
Sample Weight: 1000
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7904109	.209	TCX	2.652	8243964	.212	TCX
6.68	2486708	.184	DCB	6.157	2942234	.185	DCB

Files:
Area File: 07pcbs17250008.0071.RAW
Area File: 07pcbs17250008B.0071.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:15 AM
File Reported On: 9/18/2017 at 9:59:50 AM

IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082

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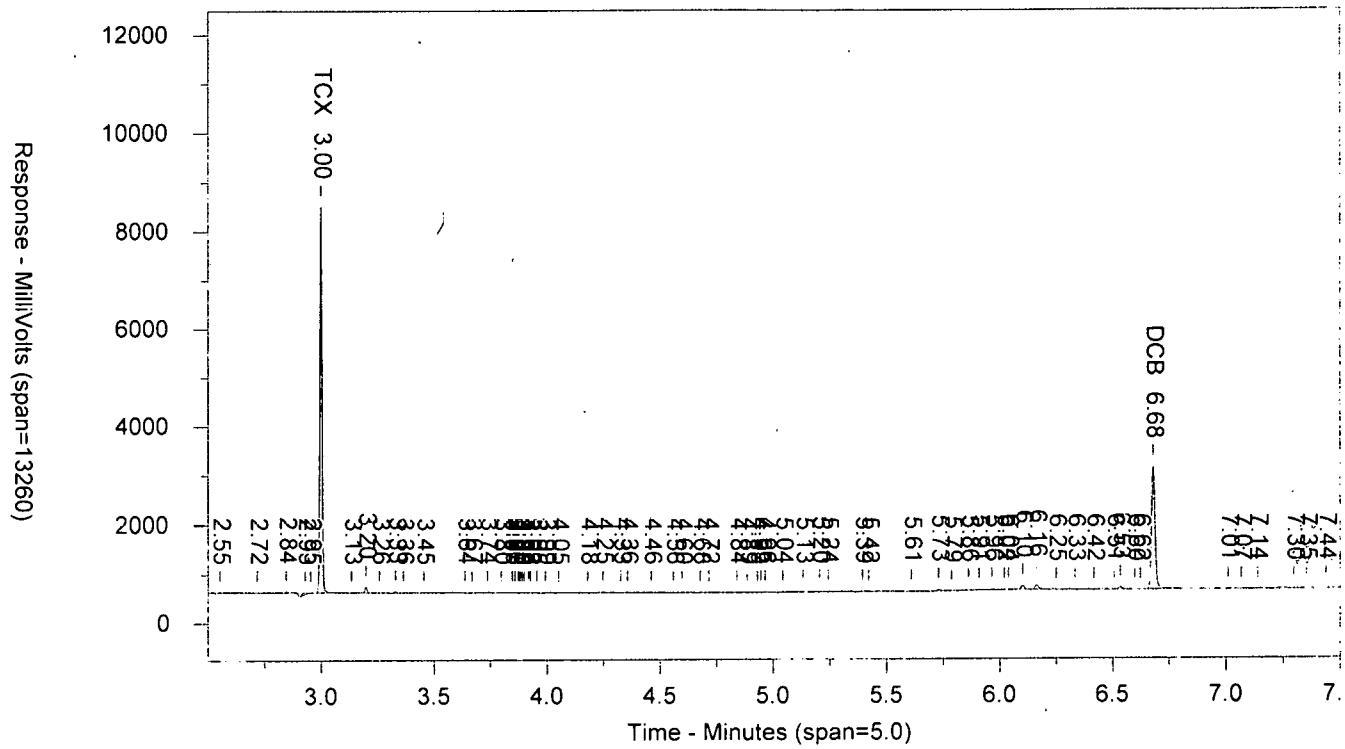

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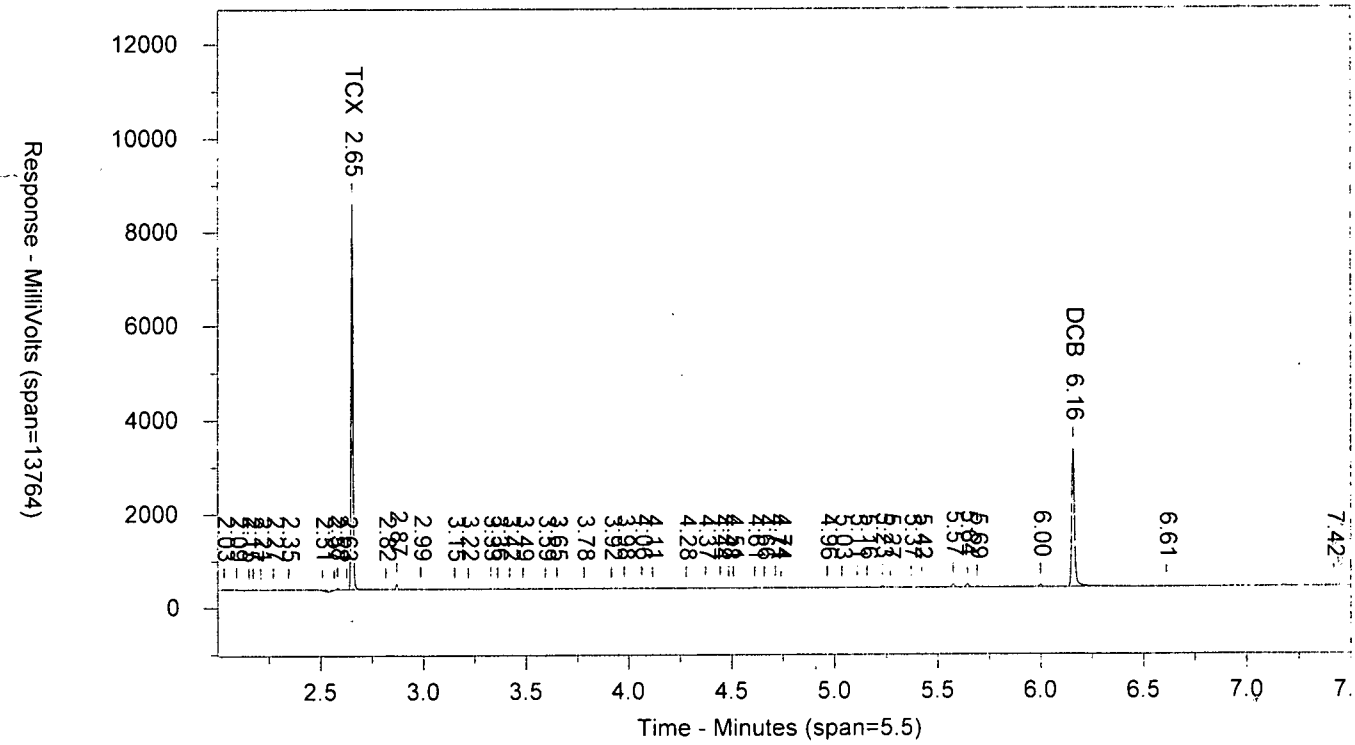

IBLKX1724B ADPIBLKAD PIBLK1725999999 10736 SW-846 8082

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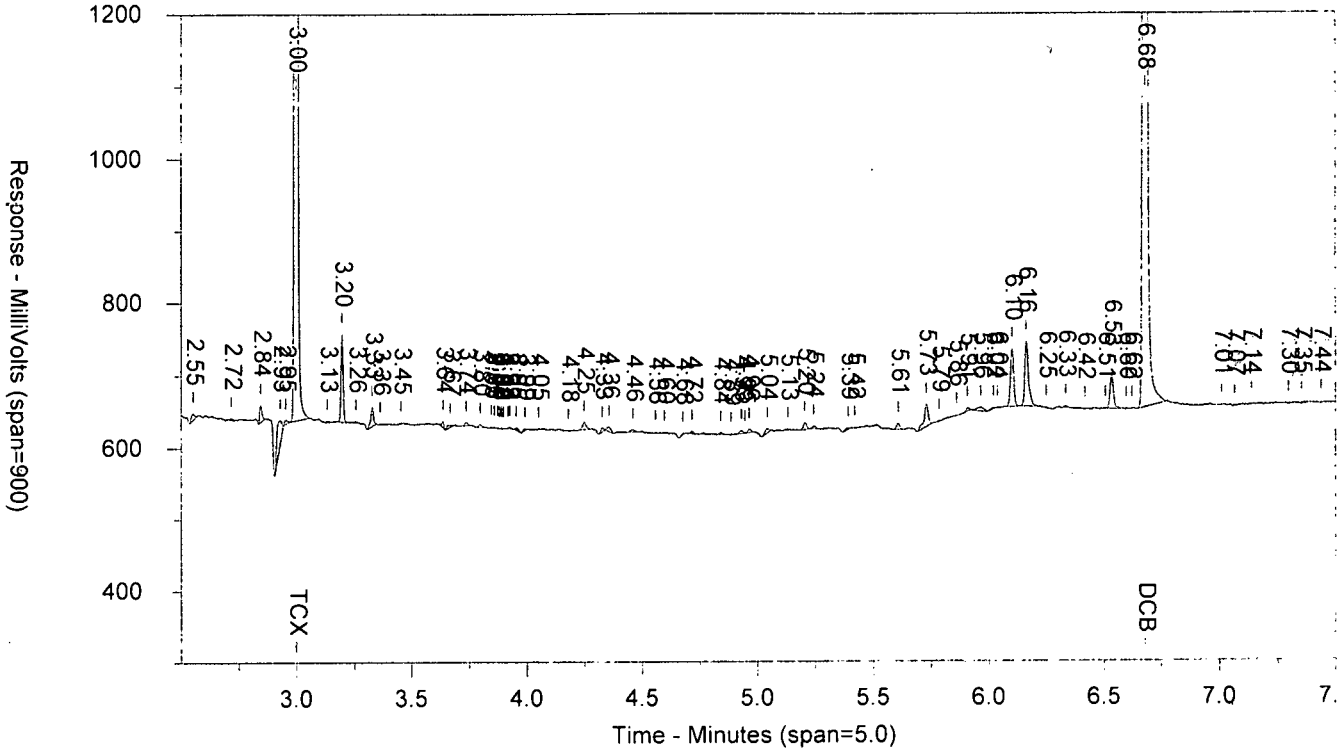

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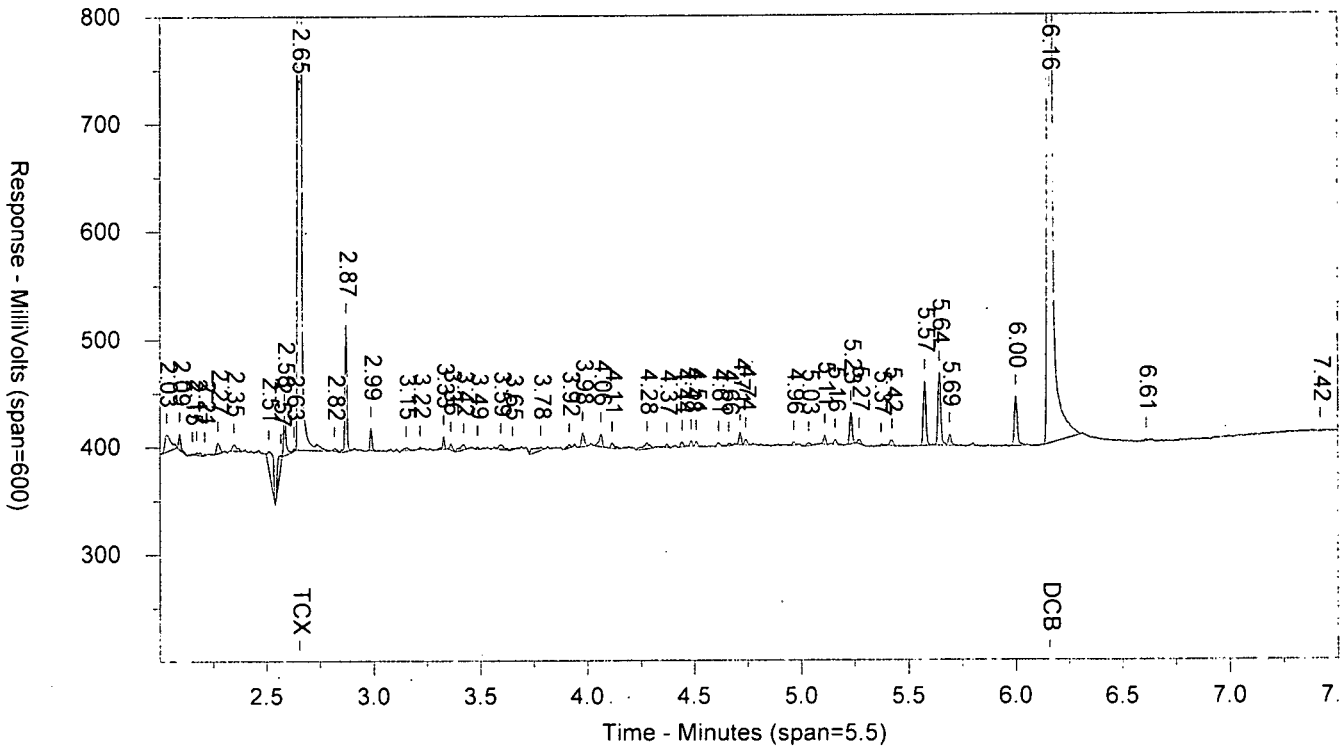

LANCASTER LABORATORIES

Sample Number: AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 9:58:26 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0092.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.669		5572	24349
2.107		7477	15091
2.151		14491	19408
2.22		3924	3098
2.295		75124	52759
2.391		43171	32702
2.404		30731	19483
2.436		9356	9763
2.481		7187	7106
2.551		11180	11486
2.576		12263	12118
2.636		16442	11048
2.67		8558	6171
2.76		8455	7186
2.845		30657	26229
2.933		25728	48508
2.954		2331	1175
3	TCX	15833010	9971591
3.099		8711	7882
3.147		244435	201919
3.203		353319	328910
3.252		1299036	907721
3.33		26852	13005
3.346		163619	100227
3.387		5058	3375
3.408		5077	4404
3.468		1337782	802255
3.484		710812	371683
3.522		171206	101397
3.538		30102	12036
3.55		97568	47998
3.582		1557837	1172548
3.619		8818	4742
3.634		9556	5416
3.658		74310	47702
3.692		372620	219597
3.708		200217	96720
3.751		982482	490123
3.763		1619692	809426
3.802		1815786	1397615
3.862		1610240	1204280
3.904		141673	98951
3.931		1132585	814146
3.958		788393	659086
3.981		224909	116513
4.057		1226243	870171
4.082		425949	290707
4.113		492004	349909
4.147		1234760	1207078
4.188		403228	329087
4.235		59337	50697
4.275		88526	65066
4.31		1186739	864803

RT A	Compound A	Height A	Area A
4.328		264212	142939
4.352		326773	252145
4.423		202393	168352
4.466		1274579	1202271
4.501		49333	33145
4.563		18408	13569
4.605		164343	157579
4.658		143487	96060
4.675		363587	251106
4.719		792254	711822
4.768		1256633	1383392
4.806		302535	213368
4.844		2721277	2537691
4.888		24335	19776
4.932		392398	427119
4.966		36331	23795
4.992		453537	419310
5.045		2627807	3383329
5.096		543343	506522
5.136		1172940	1305526
5.178		12004	4945
5.215		224508	268482
5.249		2490395	2267772
5.271		84162	44646
5.289		36592	15530
5.314		1373477	1239496
5.356		834491	801457
5.45		320732	253550
5.475		1478073	1346697
5.531		888414	782798
5.57		491541	494578
5.611		104818	104207
5.654		494423	539666
5.71		3592729	3917421
5.854		2647	2153
5.913		2207713	2072812
5.944		68756	54993
5.968		539462	622254
6.103		192926	188872
6.182		486199	764899
6.337		801725	833977
6.381		48855	43374
6.5		1433	594
6.538		267084	291917
6.647		1158	283
6.685	DCB	5119994	5239397
6.821		2153	756
6.93		1229	595
7.228		1063	453
7.4		1464	381
7.43		1128	543
7.597		1851	1134
7.683		1048	799
7.715		1401	443
7.765		1627	820
7.793		1480	385
7.857		1789	474
8.2		1588	974
8.293		1411	610
8.457		1429	559
8.494		1332	431
8.546		1385	722
8.62		1536	571
8.676		2049	611

LANCASTER LABORATORIES

Sample Number: AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 9:58:26 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0092.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.563		3245	2768
1.663		6399	5832
1.728		2829	4035
1.766		12264	15277
1.835		2531	8167
1.868		10483	8297
1.965		87188	90569
2.029		15442	24140
2.072		11606	7243
2.091		26621	16198
2.172		13435	12305
2.222		2166	2948
2.27		20384	19707
2.337		22164	19147
2.366		10560	6783
2.461		12317	10002
2.514		17842	35266
2.557		26287	28892
2.582		32930	21625
2.607		3482	1664
2.652	TCX	16320740	9864088
2.694		121452	87325
2.737		10615	9650
2.822		295055	197882
2.869		148642	70841
2.883		238567	122496
2.911		5986	3587
2.935		1352885	856829
2.985		40927	30420
3.046		194540	120950
3.077		7605	5748
3.142		1740489	1719155
3.193		215910	132550
3.215		104605	59120
3.24		146417	82967
3.264		1702252	1123876
3.301		67653	39808
3.328		6861	2794
3.347		444084	230917
3.362		240627	116223
3.39		4429	2076
3.413		937046	433194
3.422		1790032	749790
3.442		66406	24359
3.456		1635110	1131283
3.53		1797764	1128836
3.566		1261177	783881
3.589		1364061	751200
3.607		430446	220535
3.693		1552356	1011675
3.715		583805	313888
3.737		547369	321993
3.766		335879	183033
3.784		1186086	730125

3.826		451964	325263
3.874		62295	58918
3.896		306077	176310
3.917		1620218	1053757
3.943		303032	181757
3.963		57024	27261
3.982		192475	122830
4.018		1285324	887595
4.052		57060	31810
4.067		112709	69608
4.113		3640	1567
4.129		10024	6225
4.163		108184	119277
4.221		328212	246374
4.263		387512	230283
4.282		270218	132770
4.295		913272	509341
4.321		543090	528222
4.374		2833065	2151432
4.421		43197	39153
4.444		232328	150181
4.468		603627	447786
4.512		3181806	2493975
4.615		2564231	2498053
4.668		343015	274399
4.707		707968	615602
4.743		3071022	2487849
4.776		1594750	1139604
4.814		1079546	842473
4.915		374581	368970
4.966		1962719	1547500
4.99		218529	141004
5.04		984255	917363
5.076		496184	388202
5.106		345934	292192
5.139		102676	60909
5.16		4018575	3341102
5.2		60730	41035
5.232		202743	164292
5.351		44061	28126
5.375		825766	687821
5.42		2494110	2791504
5.575		155553	137376
5.621		39489	28421
5.645		143359	116238
5.693		411754	388999
5.8		754357	673758
5.831		28985	20143
6		273253	270012
6.159	DCB	5860959	5633085
6.611		3677	2822
6.944		1902	1920
8.296		7826	13090

AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 808

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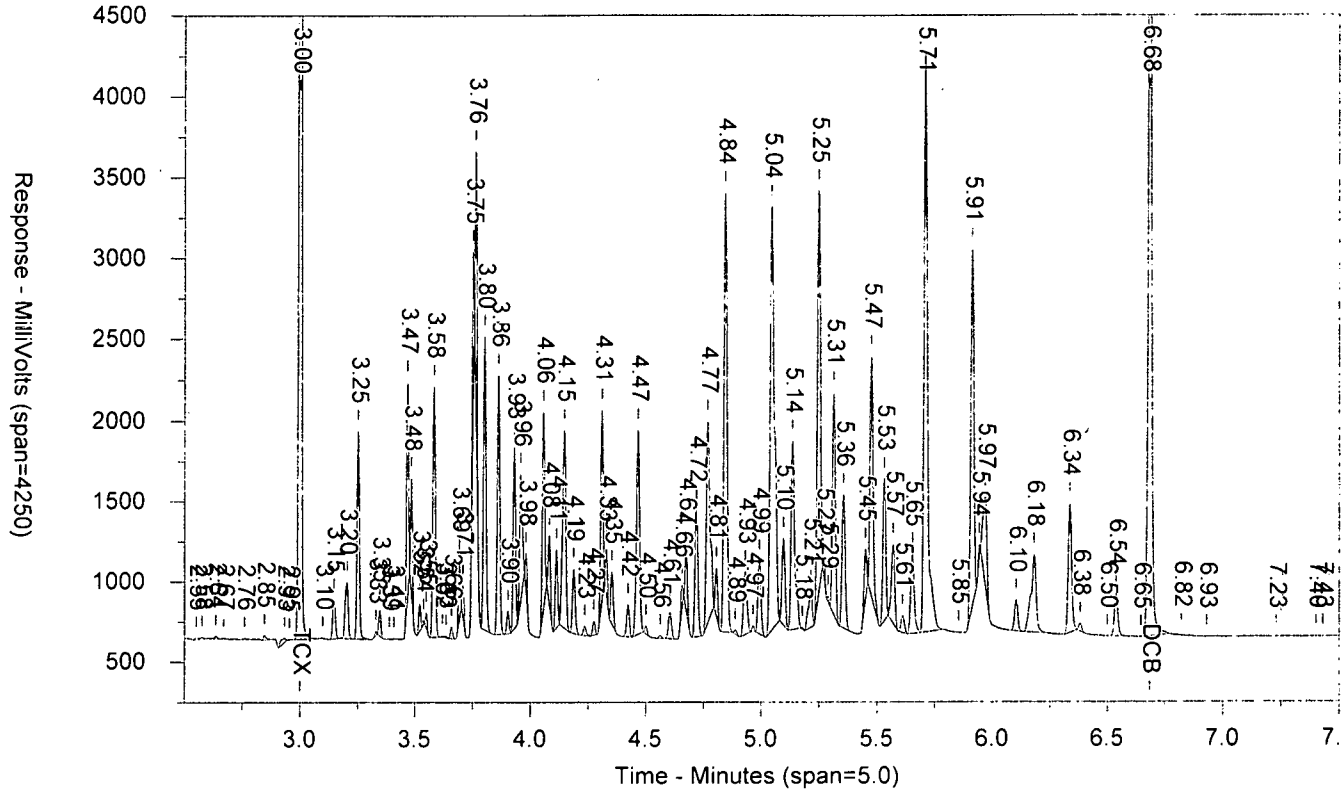

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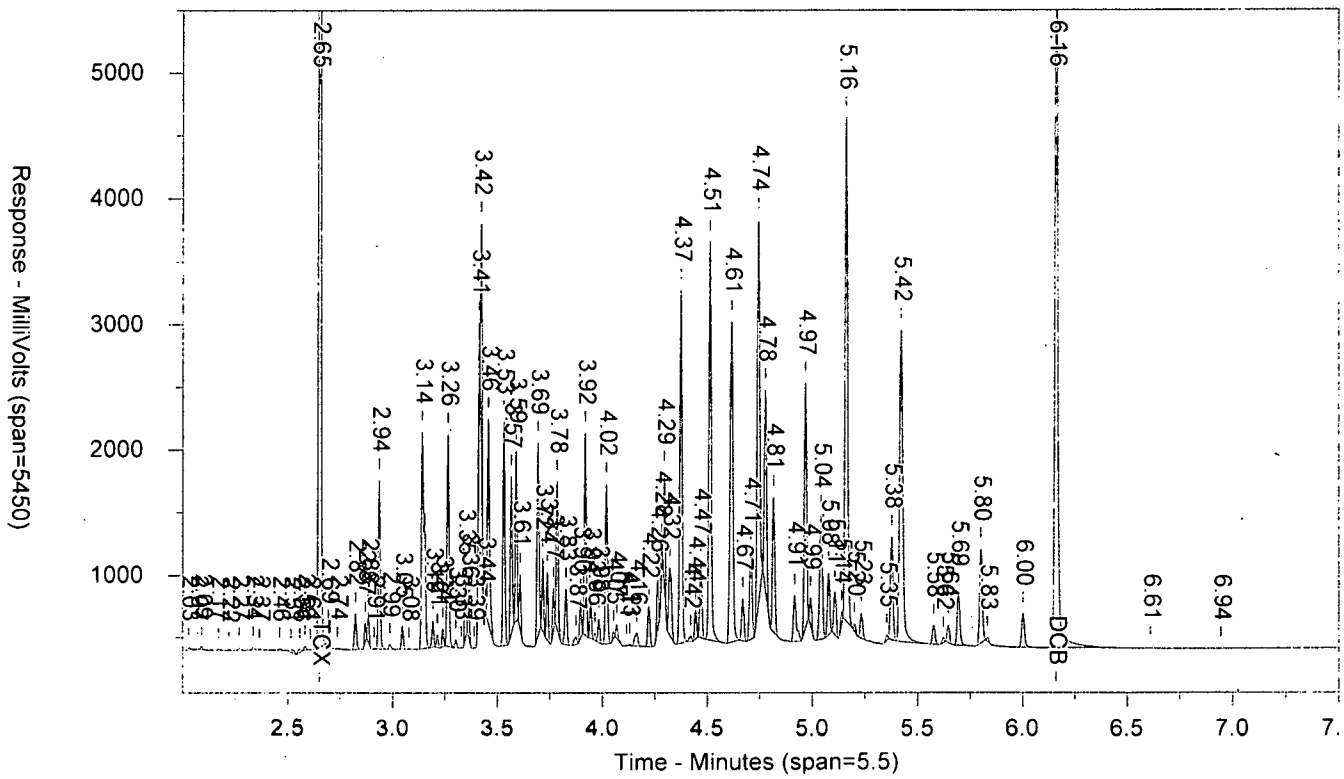

LANCASTER LABORATORIES

Sample Number: AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 9:58:26 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound E
3	15833010	41.831	TCX	2.652	16320740	41.996	TCX
6.685	5119994	37.932	DCB	6.159	5860959	36.791	DCB

Files:
Area File: 07pcbs17250008.0092.RAW
Area File: 07pcbs17250008B.0092.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 10:07:08 AM
File Reported On: 9/18/2017 at 10:07:18 AM

AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 808

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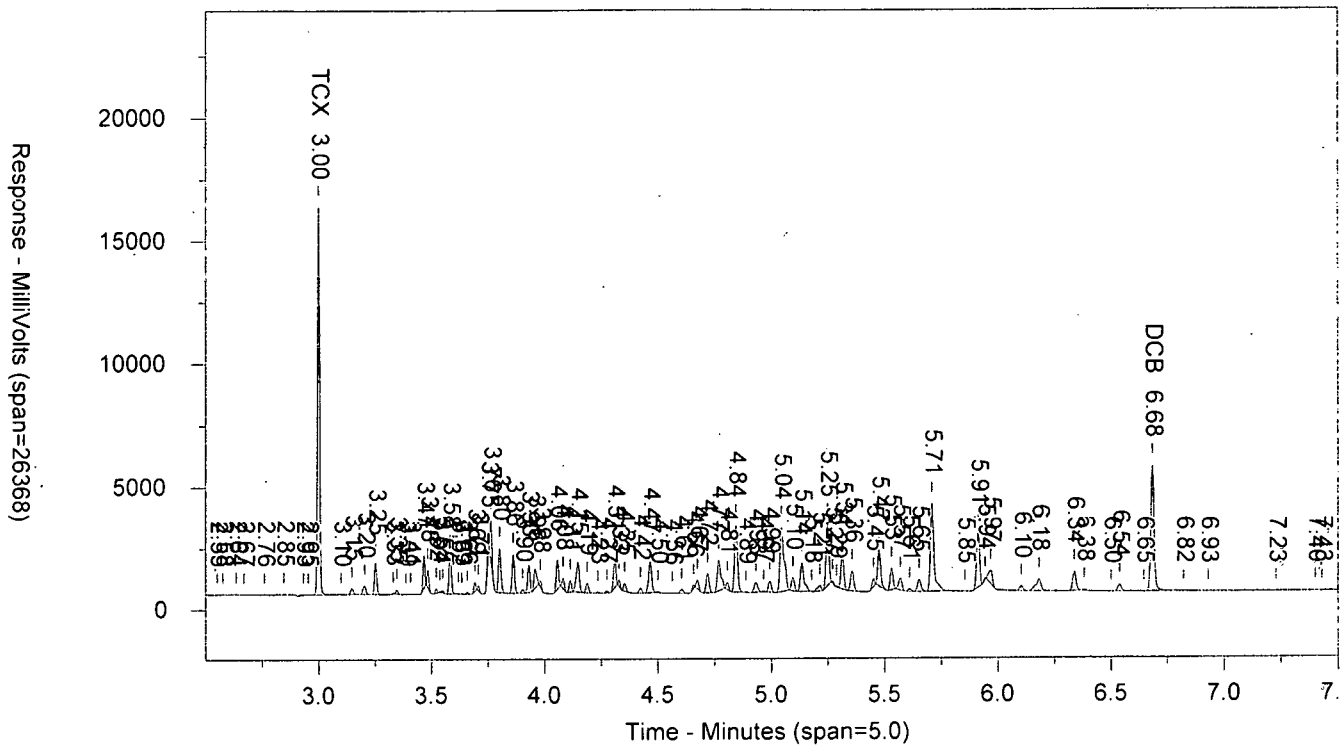

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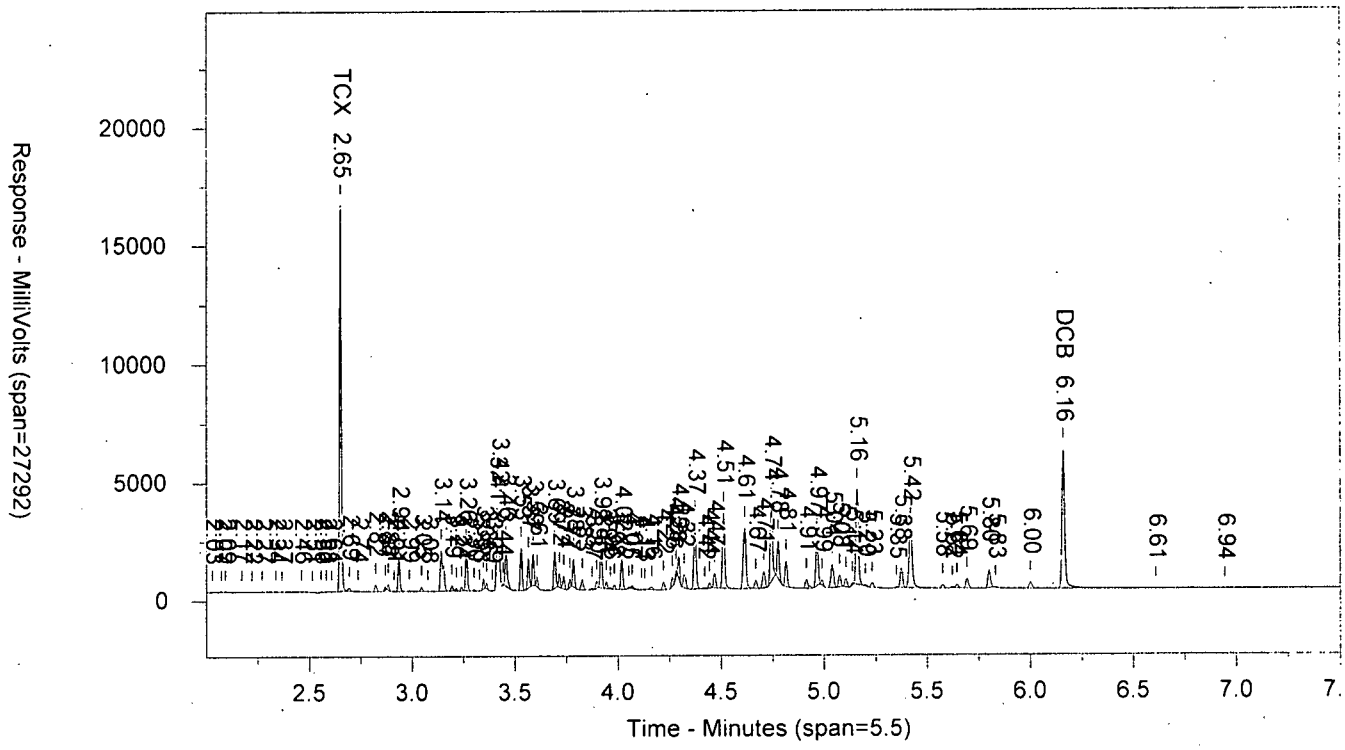

AR1641724B ZUAR164ZU CCAL 1725999999 10736 SW-846 808

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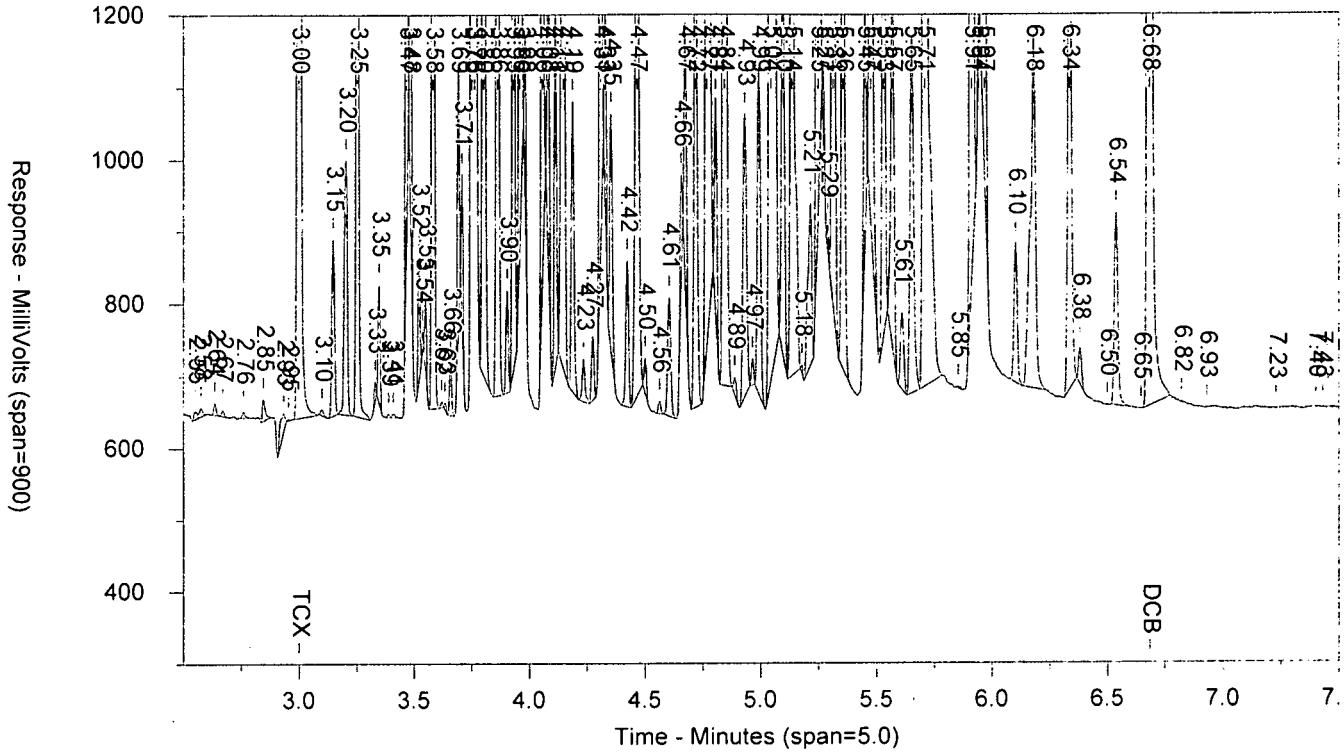

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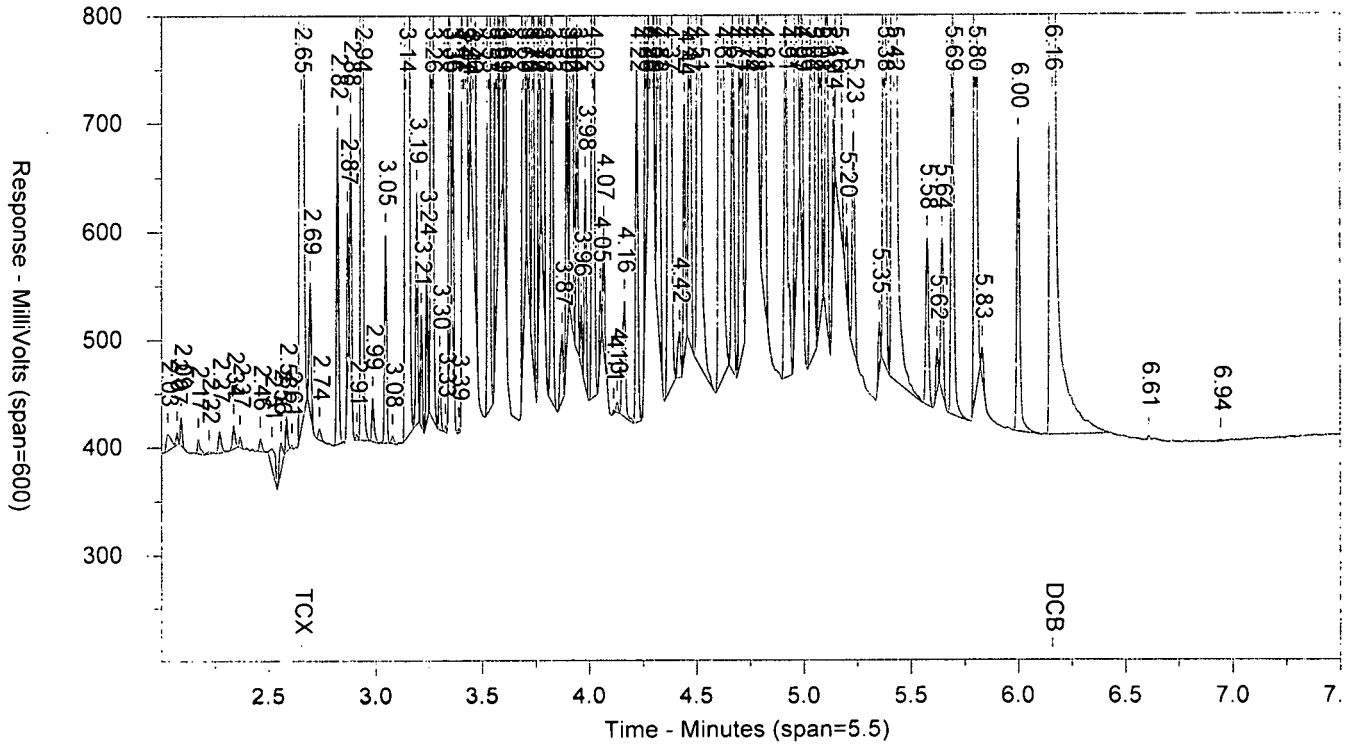

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 10:09:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0093.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.64		7169	12918
1.79		2531	888
2.112		33708	59295
2.147		38553	100264
2.222		15416	26829
2.271		11527	11547
2.294		45411	49499
2.39		43053	30825
2.433		8797	9720
2.549		10140	8593
2.604		3084	2199
2.72		5855	3691
2.844		34520	26440
2.928		23332	38563
2.956		5883	5762
2.999	TCX	7570455	4943120
3.196		117290	77642
3.328		29108	31553
3.454		1942	3483
3.571		3510	3710
3.66		4761	3562
3.738		7000	5893
3.761		3184	1902
3.796		3229	2677
3.844		2428	1142
3.858		2056	1033
3.883		1158	241
3.899		1357	511
3.911		1256	670
3.925		2075	1387
3.957		5519	5431
3.992		4783	4321
4.054		1586	1691
4.107		2070	1418
4.248		11816	11466
4.283		5545	8522
4.326		5201	4233
4.358		5191	4676
4.395		3409	3673
4.561		1886	1425
4.588		1472	604
4.63		2282	4330
4.68		2117	3117
4.766		2358	2032
4.84		4510	3760
4.923		1557	834
4.965		9625	17956
5.041		6305	7499
5.08		1234	338
5.117		1952	672
5.206		12158	10728
5.246		3795	3561
5.4		2142	4915

RT A	Compound A	Height A	Area A
5.471		5221	13710
5.511		1724	1452
5.551		2228	848
5.607		11698	11066
5.709		4365	3134
5.73		32659	28521
5.785		1076	804
5.814		2576	2593
5.864		1390	731
5.878		1623	995
5.909		7419	7371
5.928		1859	733
5.959		2600	2918
6.013		3105	2996
6.042		922	699
6.098		84578	81207
6.162		95212	103691
6.23		2379	1737
6.273		1344	350
6.294		2016	1960
6.331		3333	2535
6.38		1126	655
6.533		46057	44873
6.679	DCB	2632112	2736675
6.915		1733	422
6.966		1757	1170
7.076		1333	467
7.14		935	694
7.231		1408	547
7.303		1497	818
7.338		1472	904
7.37		1332	1600
7.398		1353	334
7.471		1144	503
7.729		1709	474
7.831		1580	917
7.963		1470	734
8.013		1411	1303
8.053		1533	394
8.148		1624	908
8.201		1533	356
8.247		1397	1213
8.27		1489	474
8.354		1253	811
8.548		1661	473

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 10:09:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0093.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		1602	826
1.589		3058	2438
1.655		2065	3690
1.732		1489	1190
1.833		18316	26550
1.96		51130	53523
2.032		19120	40167
2.091		14820	11210
2.186		3626	4889
2.21		2826	2689
2.27		11155	10859
2.356		7683	10274
2.4		5206	3299
2.447		3045	4855
2.511		12363	28134
2.556		15797	19667
2.582		52815	41483
2.626		3008	1507
2.652	TCX	8297649	4977859
2.81		5912	6597
2.85		2103	1030
2.869		112093	68009
2.985		21198	14771
3.022		2772	3407
3.106		2880	2019
3.164		3568	6281
3.218		6058	6831
3.328		6275	3145
3.361		7448	5944
3.419		5711	10968
3.456		2493	1459
3.485		4919	2712
3.562		4313	2864
3.691		3700	12419
3.749		9478	15345
3.856		4024	8027
3.913		3319	5116
3.977		12652	12443
4.016		2160	1731
4.063		11943	12402
4.116		5499	8112
4.251		977	2561
4.274		2705	1878
4.373		3893	3237
4.441		2928	3140
4.484		6196	4387
4.509		4808	3842
4.611		3989	3983
4.687		7487	8790
4.743		5546	5057
4.773		1901	2477
4.963		4577	6063
5.039		2791	3485
5.109		10714	9205

5.156		6114	6029
5.231		34815	29614
5.27		4116	3698
5.372		2341	1174
5.393		3027	1977
5.416		5049	5236
5.573		66309	58547
5.641		71444	64137
5.691		12065	10716
5.8		2474	1947
5.997		48625	44827
6.157	DCB	2948679	2989306
8.289		9183	16004

IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082

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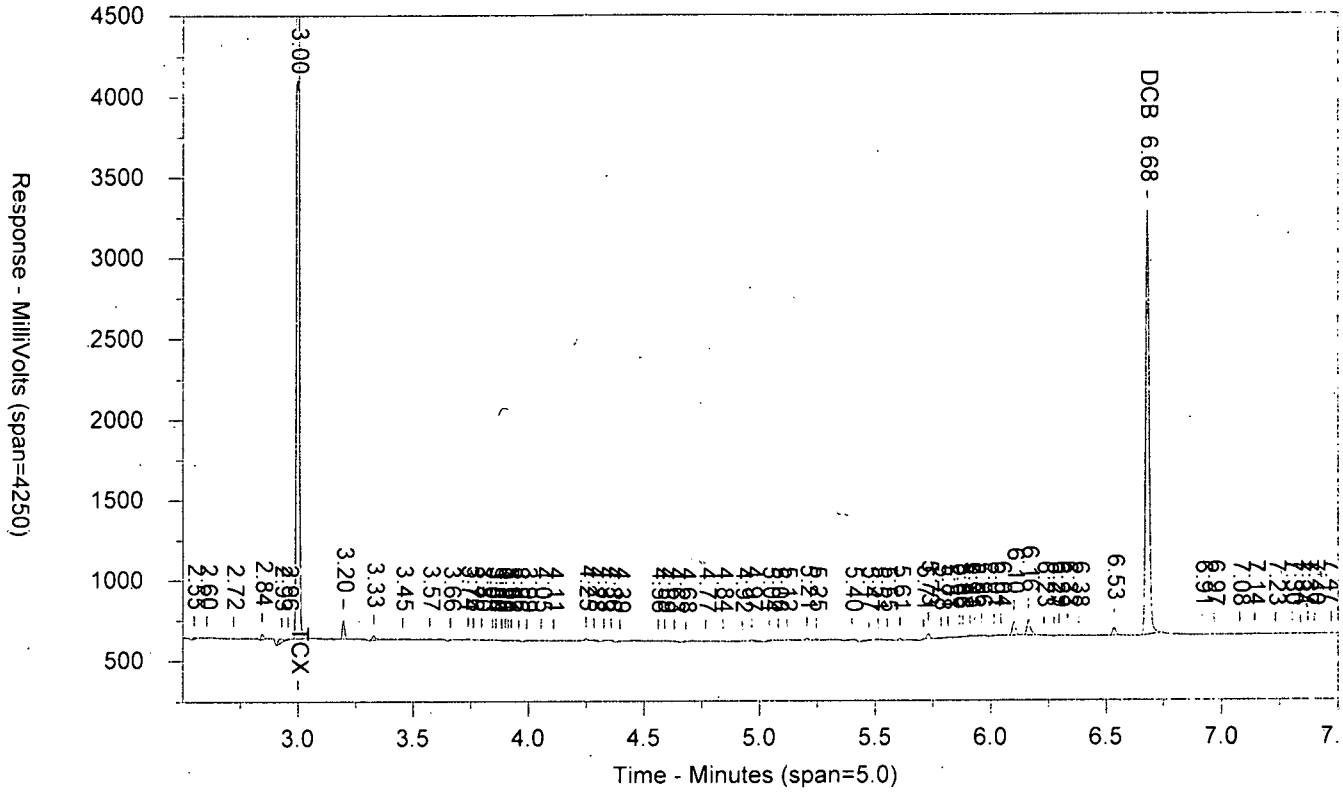

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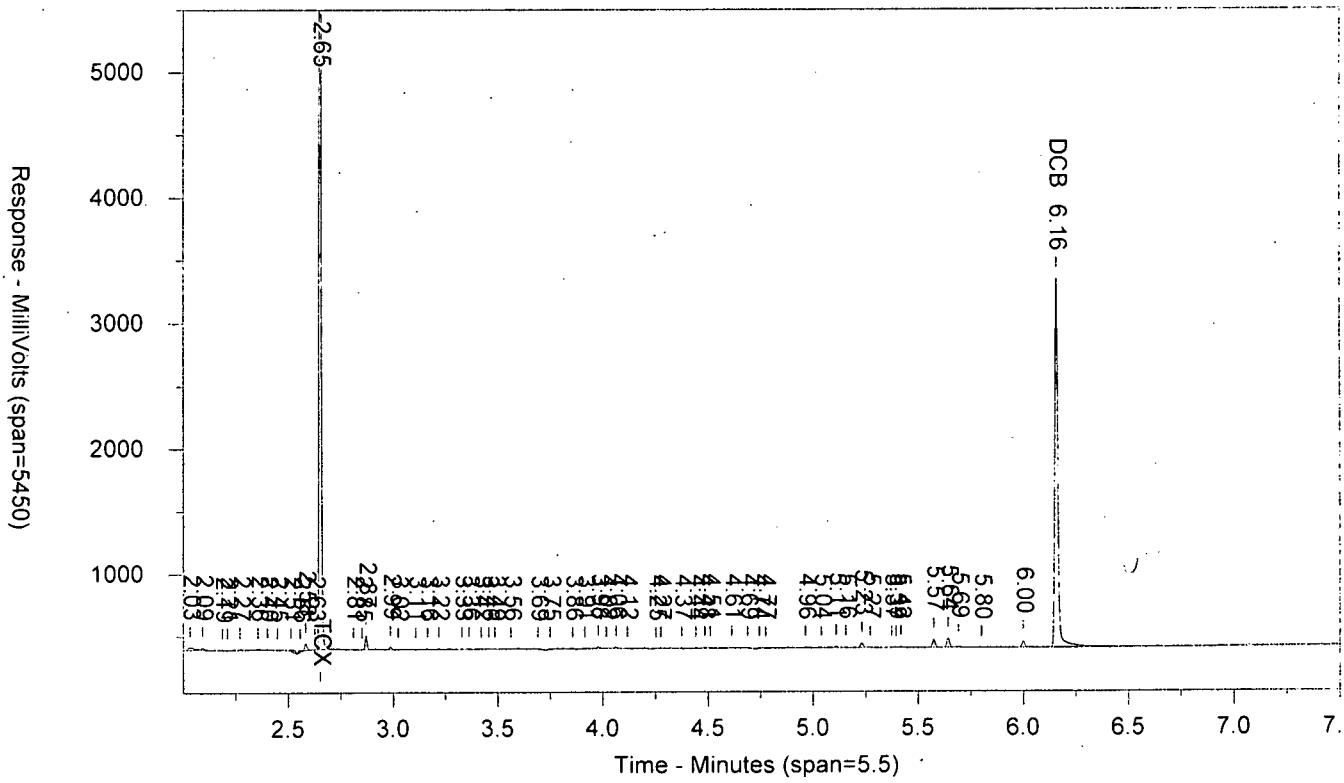

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 10:09:44 AM
Sample Weight: 1000
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7570455	.2	TCX	2.652	8297649	.214	TCX
6.679	2632112	.195	DCB	6.157	2948679	.185	DCB

Files:
Area File: 07pcbs17250008.0093.RAW
Area File: 07pcbs17250008B.0093.RAW
Method A: 07PCBS:MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 10:18:26 AM
File Reported On: 9/18/2017 at 10:18:34 AM

IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082

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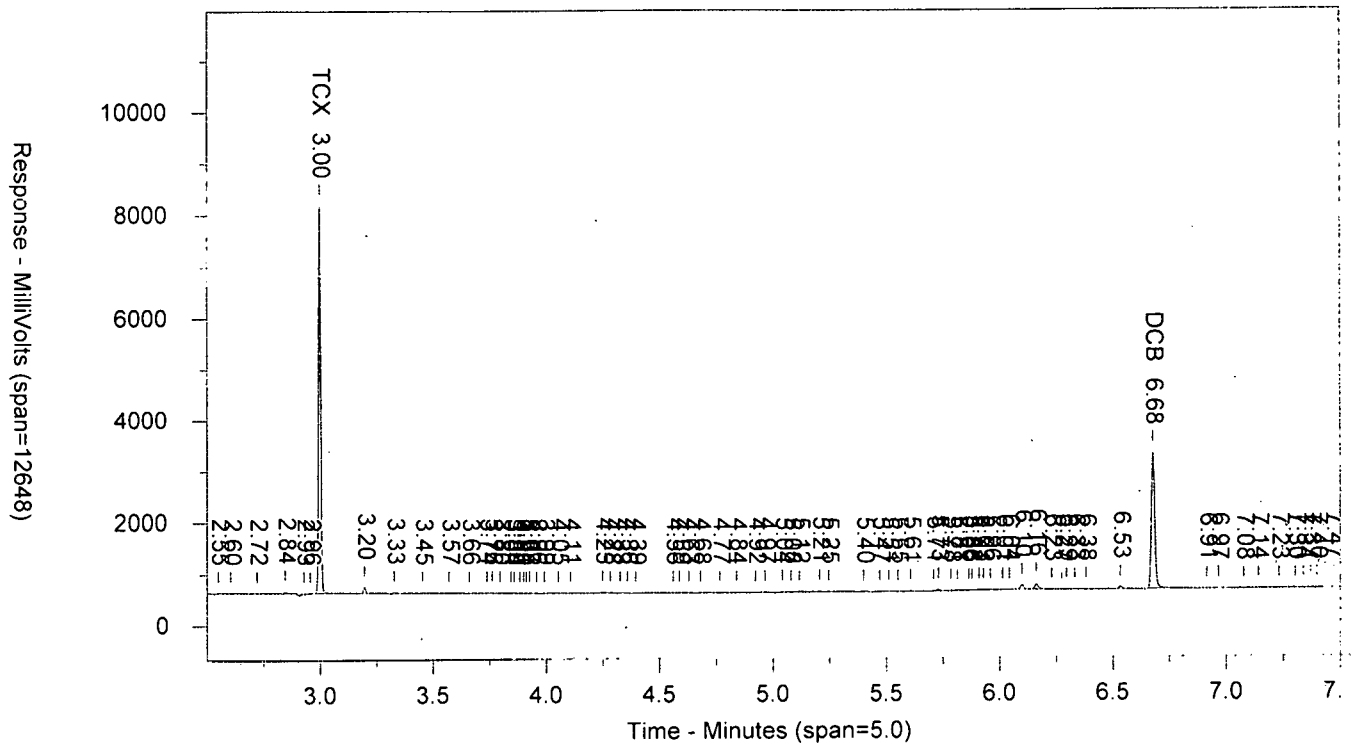

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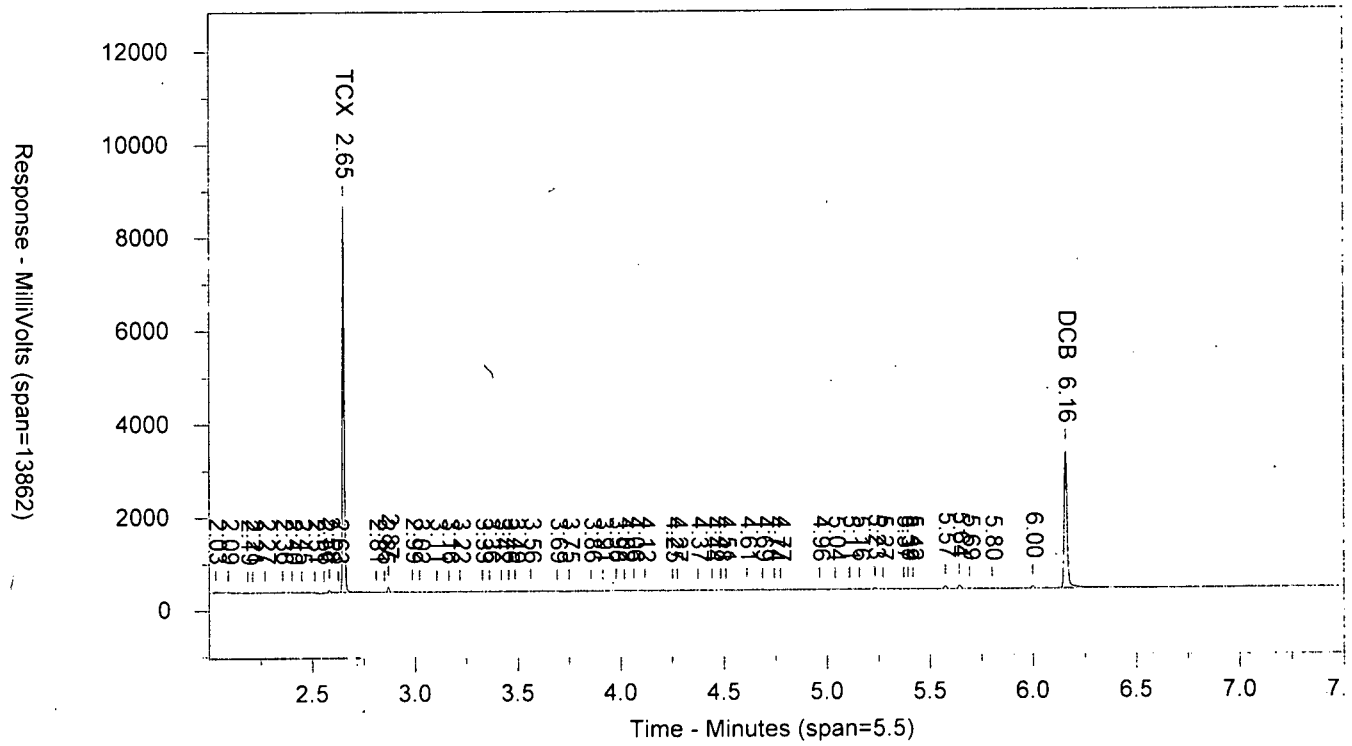

IBLKX1724B AEPIBLKAE PIBLK1725999999 10736 SW-846 8082

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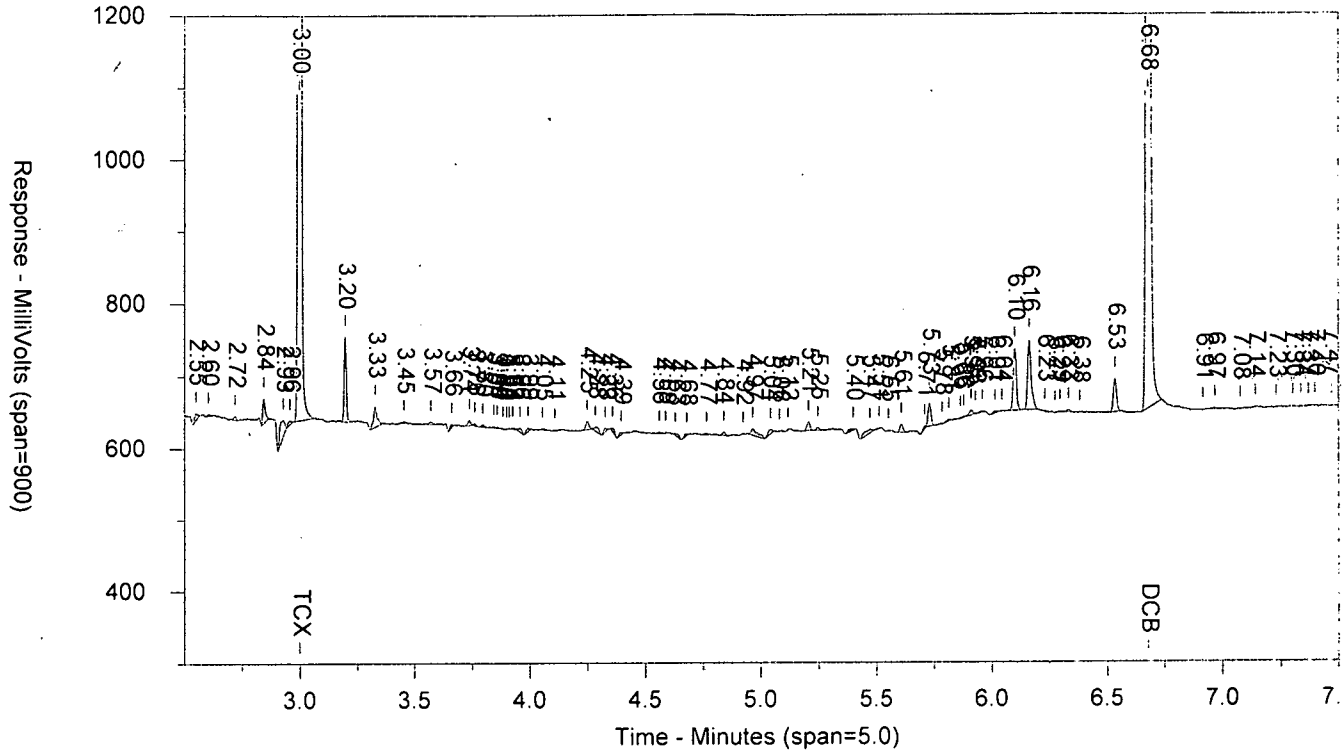

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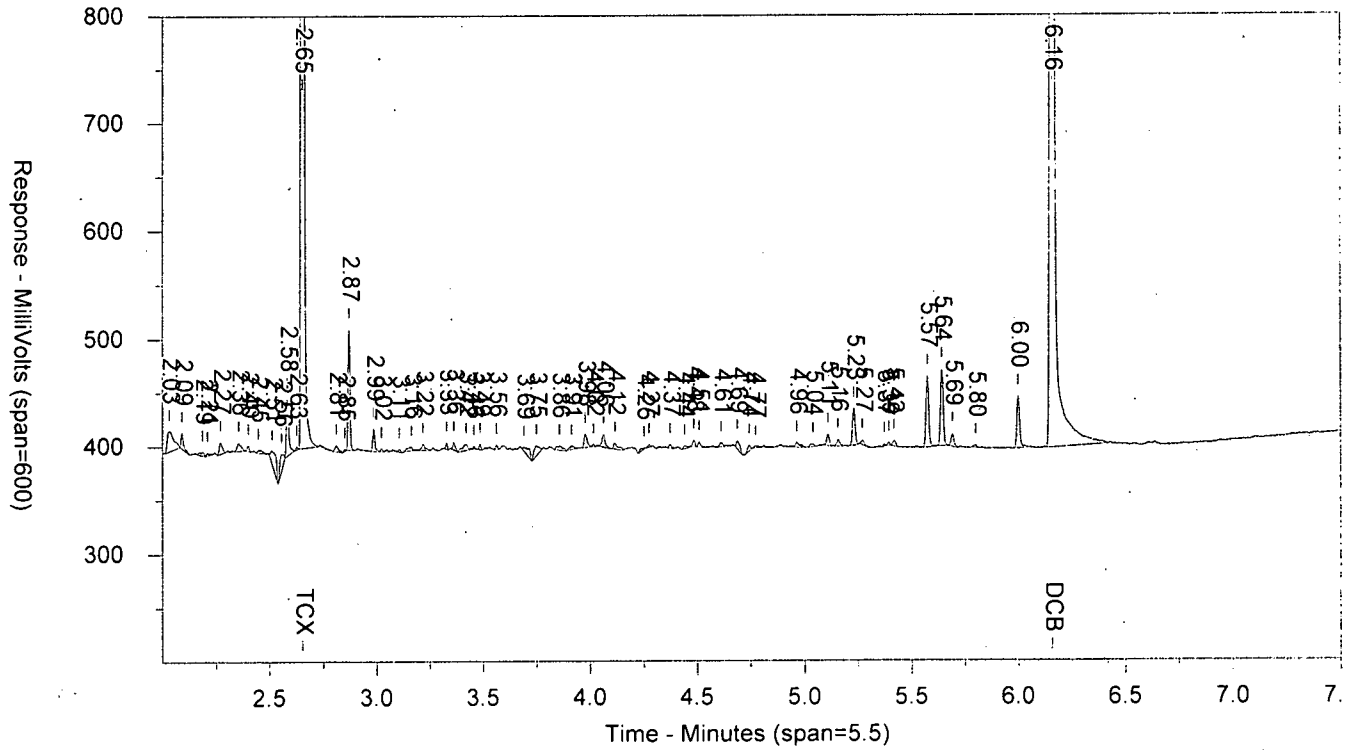

LANCASTER LABORATORIES

Sample Number: AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:22:41 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0104.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.633		6223	6986
2.119		5299	16778
2.149		15735	21514
2.225		5629	7218
2.294		73064	50195
2.39		40331	25580
2.403		29688	20210
2.433		8187	9176
2.55		8267	8212
2.635		16966	12685
2.757		2167	1201
2.845		16406	10284
2.92		20064	26331
2.957		3585	3507
2.999	TCX	15871400	9870017
3.147		235998	203702
3.201		358059	325335
3.25		1295348	881366
3.328		26365	13369
3.344		162371	101620
3.386		4247	2642
3.466		1358024	805199
3.483		672007	360790
3.519		179736	102103
3.535		34595	12625
3.547		95948	47663
3.58		1629122	1170832
3.616		9243	4600
3.634		13014	6858
3.655		71699	46665
3.69		382757	216708
3.705		202310	101626
3.749		896900	475014
3.761		1652248	822094
3.799		1826656	1410026
3.859		1631083	1216386
3.901		144193	98944
3.928		1125508	818557
3.955		774740	657736
3.977		201897	111338
4.054		1237430	873068
4.079		452951	308293
4.11		491653	357379
4.144		1316141	1224252
4.184		406611	333830
4.232		62307	52620
4.271		92928	66300
4.307		1193532	871424
4.325		263684	143936
4.35		333347	258678
4.42		198449	169634
4.464		1249913	1221043
4.498		48196	33134

RT A	Compound A	Height A	Area A
4.56		16938	13387
4.602		165166	158220
4.655		141819	99559
4.672		367226	253724
4.717		803871	725132
4.765		1295356	1398245
4.802		311867	222062
4.842		2804381	2556143
4.885		27677	23703
4.928		416702	437225
4.962		39175	25678
4.989		459376	425326
5.042		2666909	3420585
5.093		567328	513196
5.133		1200882	1320802
5.175		14860	7343
5.212		233417	280122
5.246		2591470	2320494
5.267		93213	52478
5.286		37526	16132
5.312		1426660	1279512
5.354		854733	829460
5.448		351522	278431
5.473		1542450	1408760
5.529		907128	813373
5.567		513939	503087
5.609		104327	104422
5.65		516760	548774
5.706		3699305	3977205
5.858		2656	2178
5.91		2257087	2125103
5.94		111349	59982
5.965		560100	672799
6.1		197766	191878
6.18		488161	779216
6.333		833554	856426
6.378		49643	44605
6.494		1275	394
6.503		2455	819
6.535		283853	303305
6.631		1486	573
6.681	DCB	5163228	5413720
6.947		1213	298
6.999		1885	502
7.141		1959	2363
7.355		1916	599
7.456		1486	518
7.491		1616	685
7.527		1243	494
7.588		1201	443
7.611		1768	511
7.677		1356	595
7.713		1377	615
7.794		1350	322
7.86		1666	532
8.1		1631	509
8.138		1164	340
8.163		1538	578
8.226		1476	757
8.296		1848	1120
8.488		1264	592
8.566		1720	1129
8.626		1247	762
8.666		1585	427
8.689		1317	649

LANCASTER LABORATORIES

Sample Number: AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:22:41 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0104.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.587		2363	1770
1.735		1337	1369
1.823		9986	23701
1.87		8846	18928
1.905		7641	17828
1.965		86240	92326
2.033		13950	26781
2.091		28097	19148
2.224		1879	2113
2.269		9156	11734
2.336		14654	8409
2.427		1838	1272
2.563		7330	14573
2.582		23718	15155
2.607		2807	1393
2.626		2466	1321
2.652	TCX	16221360	9797142
2.695		120119	86085
2.822		282000	194676
2.869		147329	70096
2.883		242278	120530
2.935		1347404	856386
2.985		40457	24501
3.046		190119	122069
3.106		1450	1156
3.142		1737640	1710772
3.194		215451	134198
3.215		106740	60704
3.24		145254	82788
3.264		1680868	1123442
3.301		70682	41189
3.329		11028	4885
3.347		441438	229992
3.363		243915	117293
3.389		3353	1490
3.413		904586	430333
3.422		1916323	789563
3.442		83167	28695
3.456		1722687	1135586
3.53		1830585	1132131
3.565		1277163	772719
3.588		1306977	740879
3.606		426368	217434
3.691		1571059	1015574
3.714		583434	320598
3.735		553235	325761
3.765		354013	191380
3.783		1214305	752940
3.825		456906	330122
3.873		64409	60435
3.895		298984	181850
3.917		1650229	1065468
3.941		320727	189899
3.961		55635	27846

3.981		199058	125122
4.016		1300264	902326
4.051		58191	33817
4.066		110107	69250
4.113		2952	1608
4.128		10330	6725
4.162		110747	118442
4.219		344282	247420
4.262		394903	240343
4.281		285312	145431
4.294		923466	522337
4.32		530021	537042
4.372		2870202	2180015
4.419		46657	39764
4.443		234327	157314
4.467		615348	456785
4.51		3193223	2533996
4.613		2552871	2526126
4.667		344858	279561
4.705		725283	626367
4.742		3084762	2549885
4.774		1582118	1147825
4.813		1039855	854986
4.912		327185	247290
4.93		33963	17492
4.964		2084289	1568742
4.988		226227	149162
5.038		1042919	934034
5.074		499045	398261
5.104		364965	299007
5.136		119354	67284
5.158		4147597	3419331
5.198		66063	47674
5.23		213607	170133
5.351		44521	29073
5.374		859854	694260
5.418		2481443	2841452
5.574		163254	139900
5.619		44046	31560
5.642		155320	122350
5.691		434710	395406
5.798		797343	695546
5.83		37645	25247
5.999		283807	277678
6.157	DCB	6021656	5660217
6.606		3753	2840
7.607		1233	1477
8.297		8032	13996

AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 808

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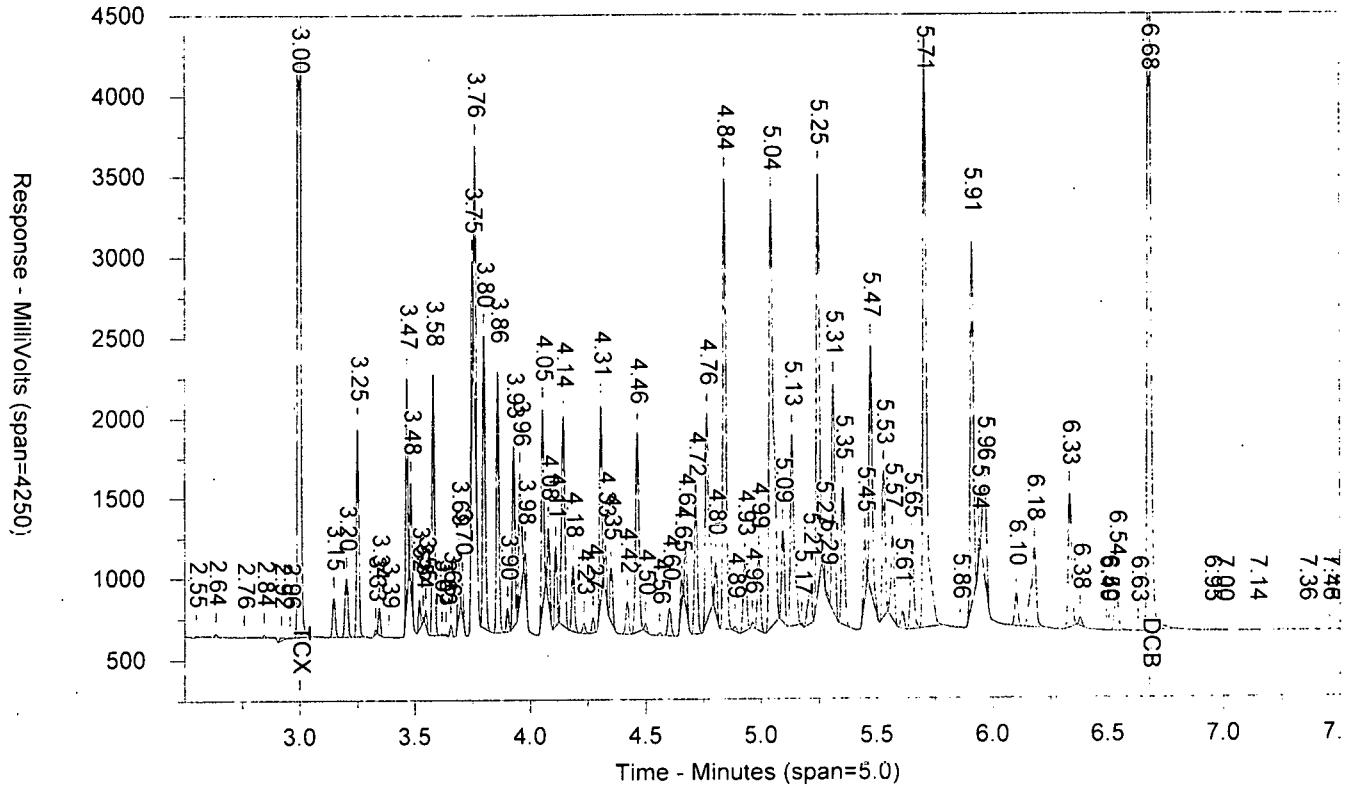

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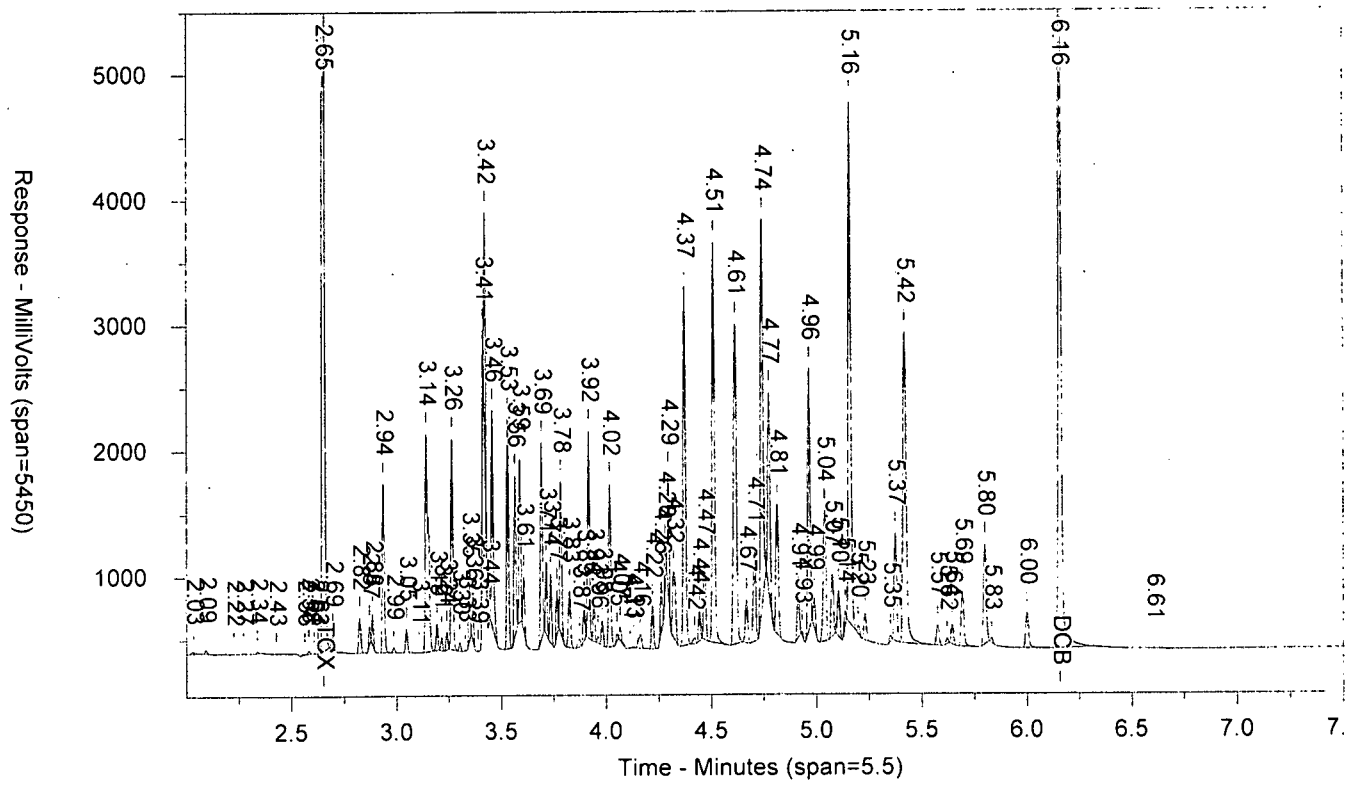

LANCASTER LABORATORIES

Sample Number: AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:22:41 PM
Sample Weight: 1
Dilution Factor: 1
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	15871400	41.932	TCX	2.652	16221360	41.741	TCX
6.681	5163228	38.252	DCB	6.157	6021656	37.8	DCB

Files:
Area File: 07pcbs17250008.0104.RAW
Area File: 07pcbs17250008B.0104.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 12:31:23 PM
File Reported On: 9/18/2017 at 12:31:40 PM

AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 808

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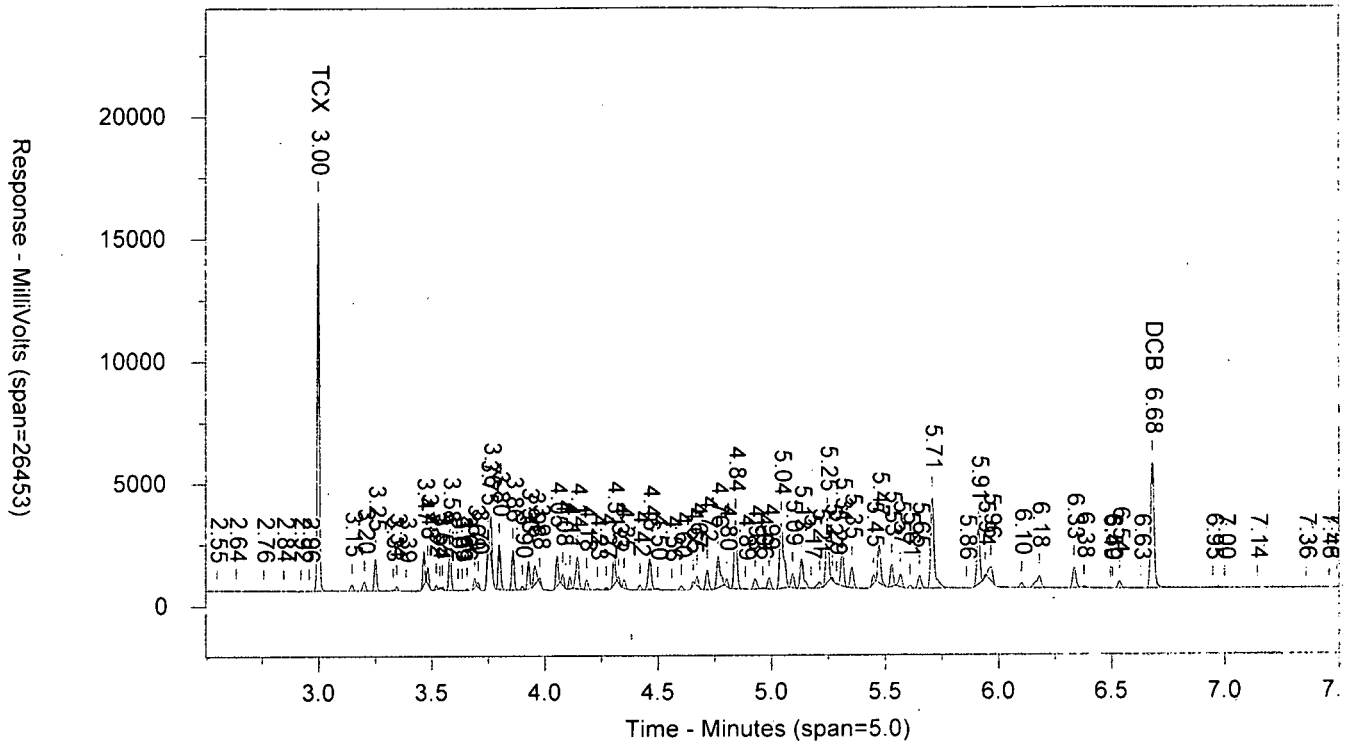

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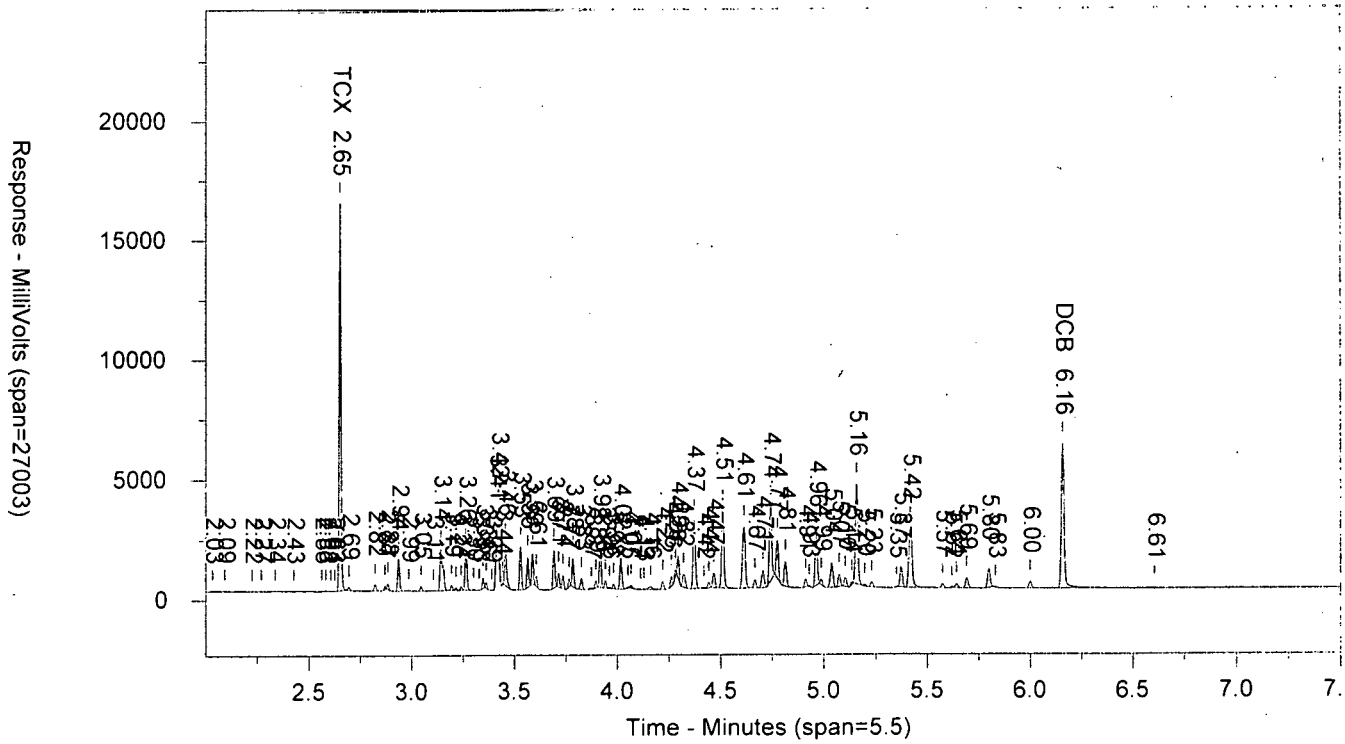

AR1641724B ZVAR164ZV CCAL 1725999999 10736 SW-846 808

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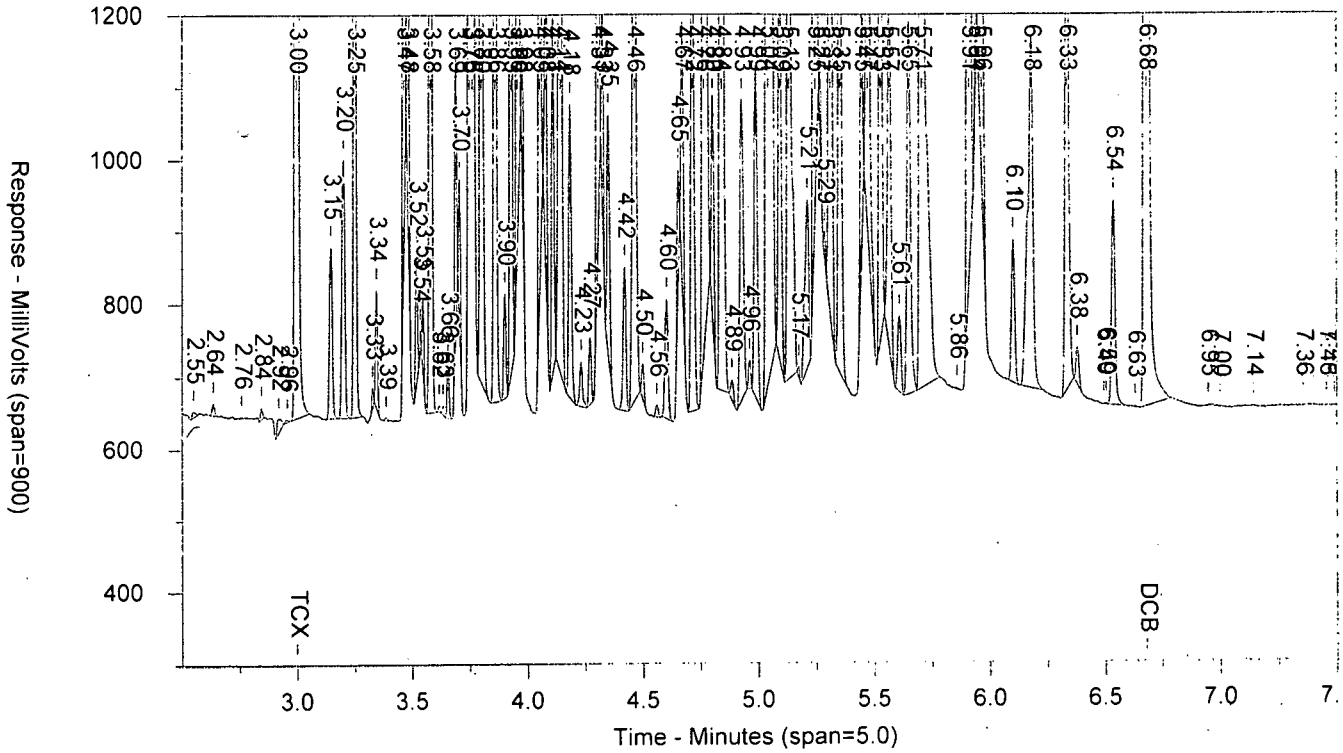

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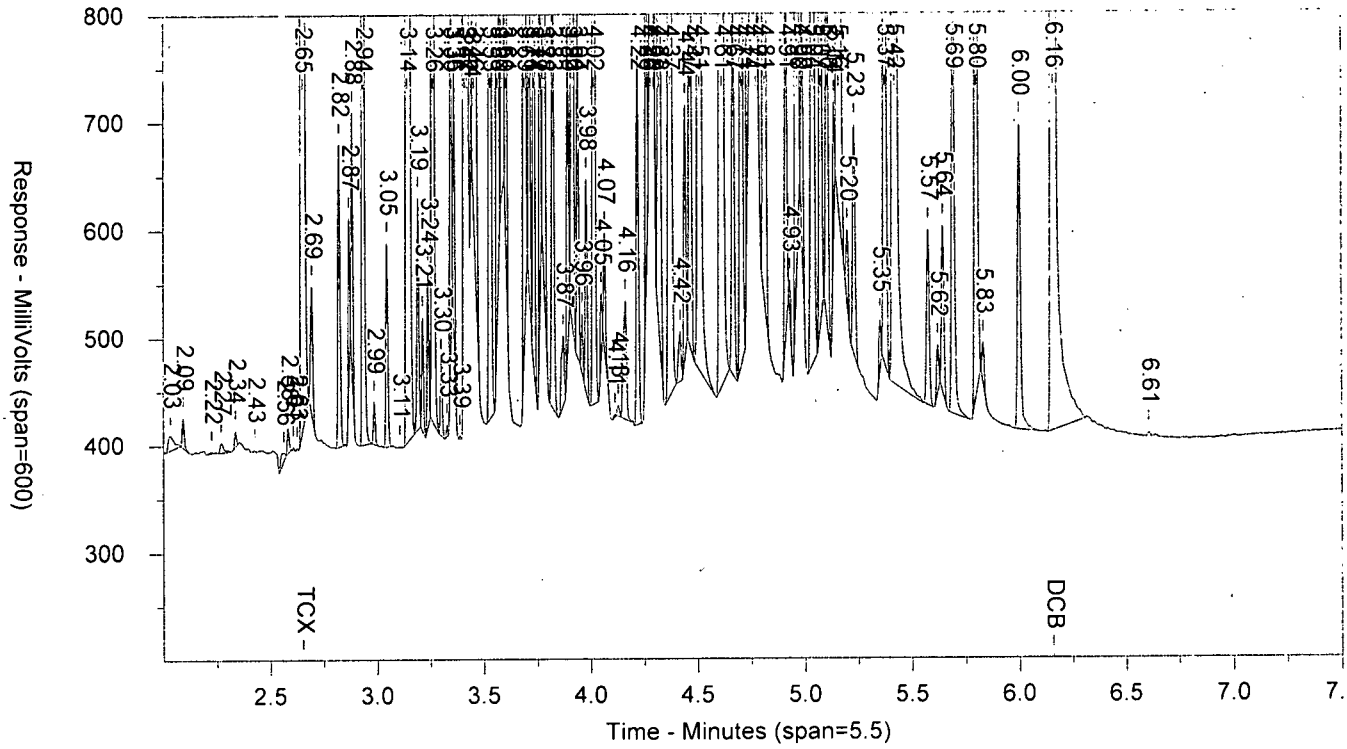

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AFPIBLKAF PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:34:09 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0105.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.537		2391	906
1.634		13371	15424
1.666		7618	15723
2.113		8332	19667
2.15		16680	21735
2.22		15648	28161
2.295		47663	56570
2.391		42437	32175
2.435		8686	9542
2.552		11087	12943
2.577		9185	9326
2.669		4401	2537
2.759		4921	3638
2.845		47288	41736
2.932		30602	56124
2.955		3814	3127
3	TCX	7867426	5043871
3.1		7242	6446
3.179		2574	1568
3.197		119153	73632
3.257		7092	7092
3.329		31326	30142
3.408		4956	3276
3.452		1799	1397
3.553		3401	3062
3.665		4431	5046
3.74		5395	3784
3.798		4013	2642
3.839		1399	242
3.865		2641	1653
3.887		1302	282
3.9		718	343
3.918		639	143
3.928		3363	2419
4		2737	3654
4.251		12524	13400
4.329		5859	4990
4.361		4972	4054
4.451		1788	445
4.603		1866	490
4.684		2309	2858
4.77		2185	1915
4.844		5156	4998
4.926		1231	339
4.97		7732	6891
5.05		7480	13095
5.209		16373	13716
5.251		4948	3973
5.314		3260	2748
5.401		1830	3752
5.426		1630	855
5.476		2865	1758
5.61		11566	11278

RT A	Compound A	Height A	Area A
5.733		37554	44970
5.789		1608	1595
5.849		1131	381
5.913		8196	9006
5.964		3208	2746
6.023		1820	1512
6.102		91565	88574
6.165		102442	114318
6.252		2150	2323
6.301		2687	2568
6.336		3988	3091
6.461		1562	616
6.505		1754	906
6.537		48058	49719
6.683	DCB	2650331	2789784
6.807		1254	786
6.854		1399	402
6.905		1590	420
7.217		1291	431
7.258		1266	942
7.357		1570	1264
7.593		1791	972
7.618		1324	494
7.687		1448	1088
7.778		2295	779
7.792		1783	705
7.872		1010	232
7.937		1333	719
8.009		1447	2022
8.072		1555	1098
8.089		1847	378
8.227		1521	629
8.4		1284	348
8.429		1446	844
8.458		1652	390
8.538		1542	1419
8.625		1325	442

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AFPIBLKAF PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:34:09 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0105.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		2363	2848
1.766		8714	12748
1.817		8904	20307
1.868		6629	6875
1.964		52105	62092
2.029		19357	32093
2.072		7347	6100
2.091		12985	8386
2.172		8082	7908
2.24		1304	3438
2.27		15306	13472
2.346		5156	6107
2.366		6551	4300
2.426		1805	1164
2.462		8538	6643
2.509		14965	41046
2.556		27755	31142
2.582		62305	48764
2.625		2422	1381
2.652	TCX	8376871	5058858
2.736		8727	8455
2.824		6888	6221
2.869		115719	68737
2.911		6851	5401
2.986		23144	19056
3.077		6630	5863
3.157		7685	8793
3.235		4455	3376
3.314		2223	1194
3.329		5892	2641
3.362		7909	5533
3.392		3713	2231
3.421		5111	5087
3.531		2650	2458
3.59		2867	6410
3.67		1035	1918
3.693		3140	2395
3.718		2280	1469
3.782		1906	1459
3.916		4222	5476
3.98		13464	11846
4.017		2591	2203
4.064		11218	10574
4.117		4545	6121
4.279		2023	3708
4.329		1697	1965
4.374		4965	3095
4.446		1425	1300
4.486		7076	4970
4.512		5737	4411
4.614		5169	5374
4.715		16901	12311
4.742		5131	4007
4.773		2886	3269

4.964		4945	6991
5.032		4202	4949
5.072		1369	692
5.111		11323	9477
5.159		7705	7227
5.232		37672	31676
5.271		3870	4099
5.373		2784	2334
5.42		7480	7299
5.575		68659	62450
5.644		76020	71187
5.692		12714	10797
5.802		2812	2385
6		50056	53154
6.159	DCB	2981590	2983773
6.611		1943	2162
7.638		1459	3559
8.076		1921	2852
8.208		1768	2774
8.297		8385	16451

IBLKX1724B AFPIBLKAF PIBLK1725999999 10736 SW-846 8082

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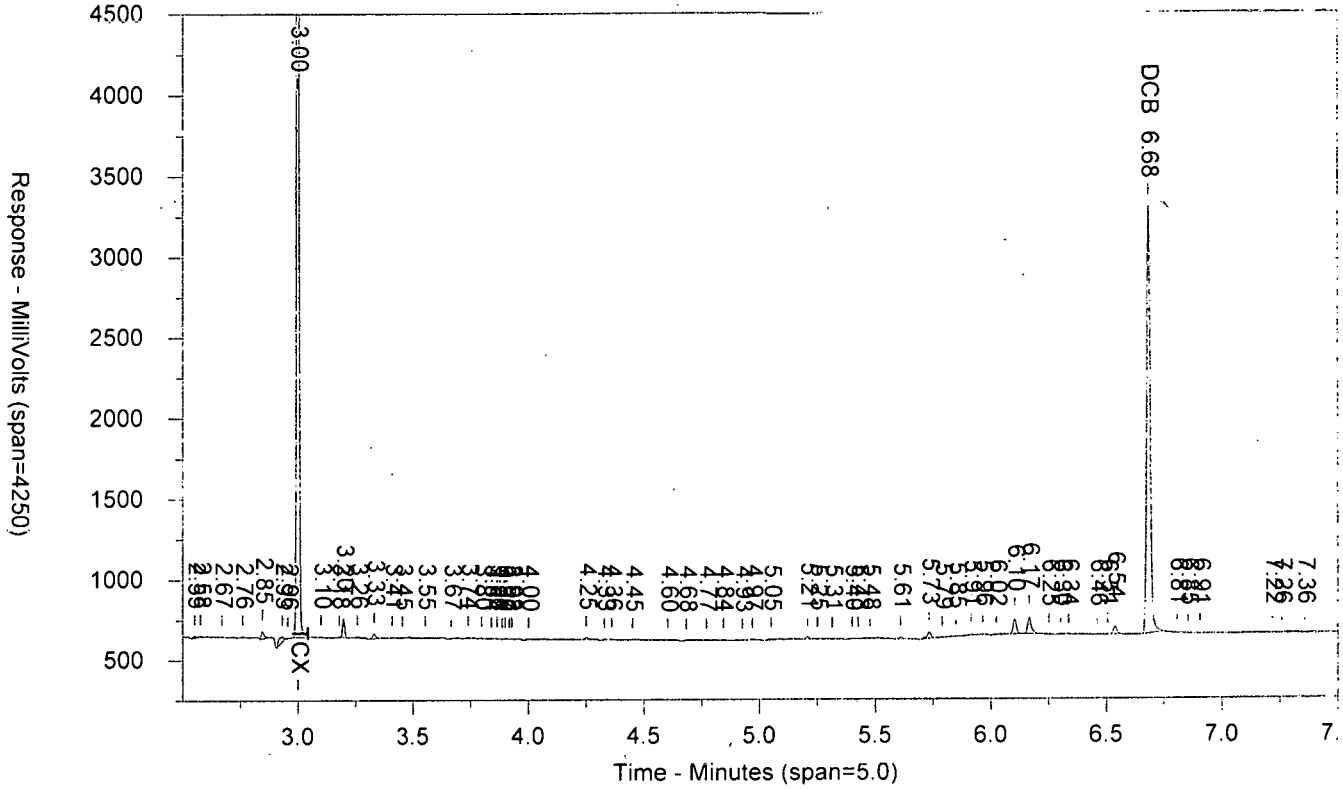

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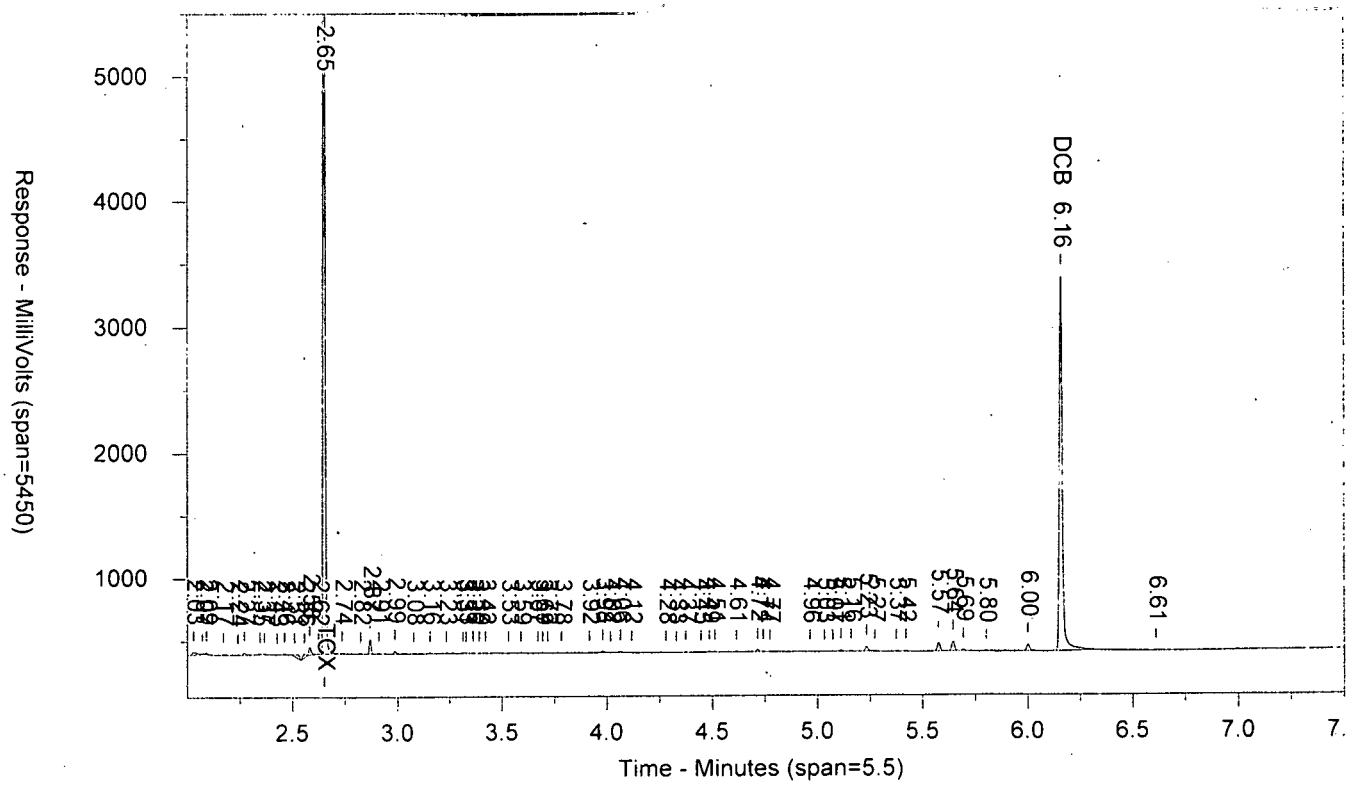

LANCASTER LABORATORIES

Sample Number: IBLKX1724B AFPIBLKAF PIBLK1725999999 10736 SW-846 8082
Injected On: 9/18/2017 12:34:09 PM Sample Weight: 1000
Instrument ID: CP7-19843A Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	7867426	.208	TCX	2.652	8376871	.216	TCX
6.683	2650331	.196	DCB	6.159	2981590	.187	DCB

Files:
Area File: 07pcbs17250008.0105.RAW
Area File: 07pcbs17250008B.0105.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 12:42:53 PM
File Reported On: 9/18/2017 at 12:43:06 PM

IBLKX1724B AFPIBLKAF PIBLK1725999999 10736 SW-846 8082

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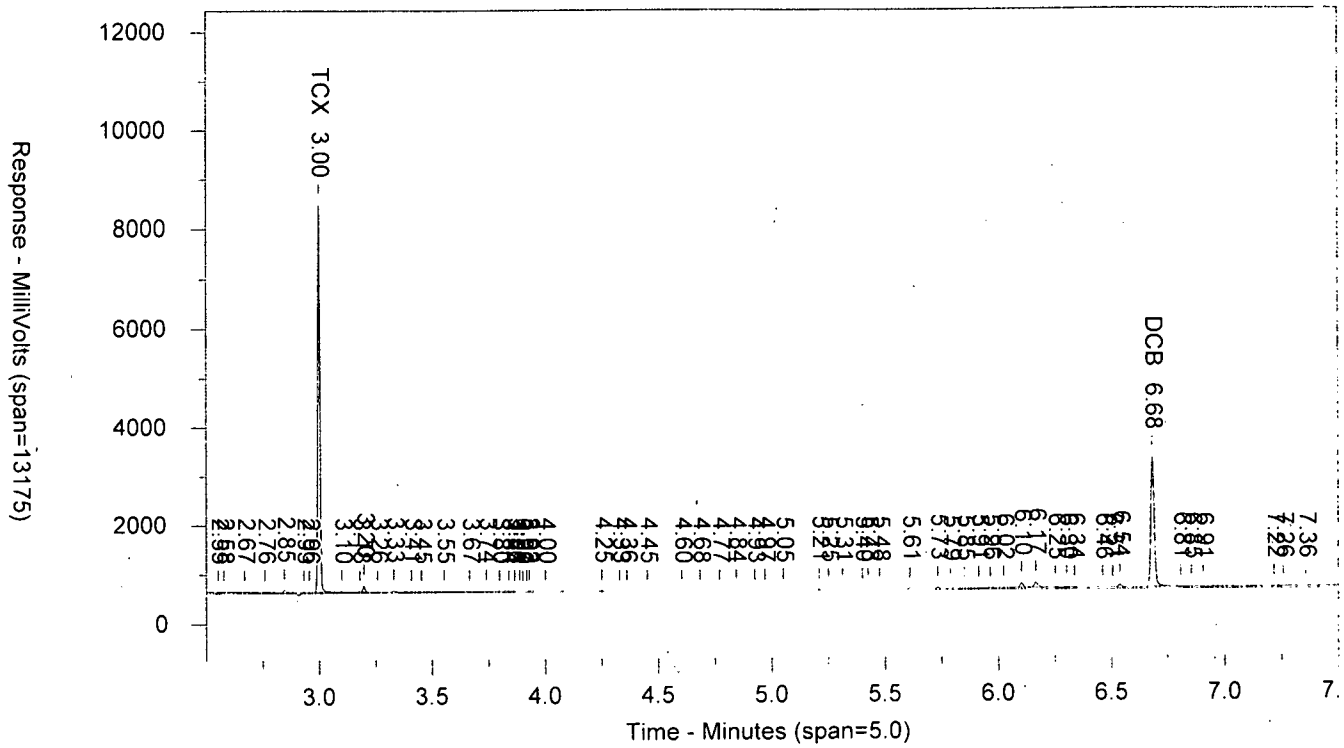

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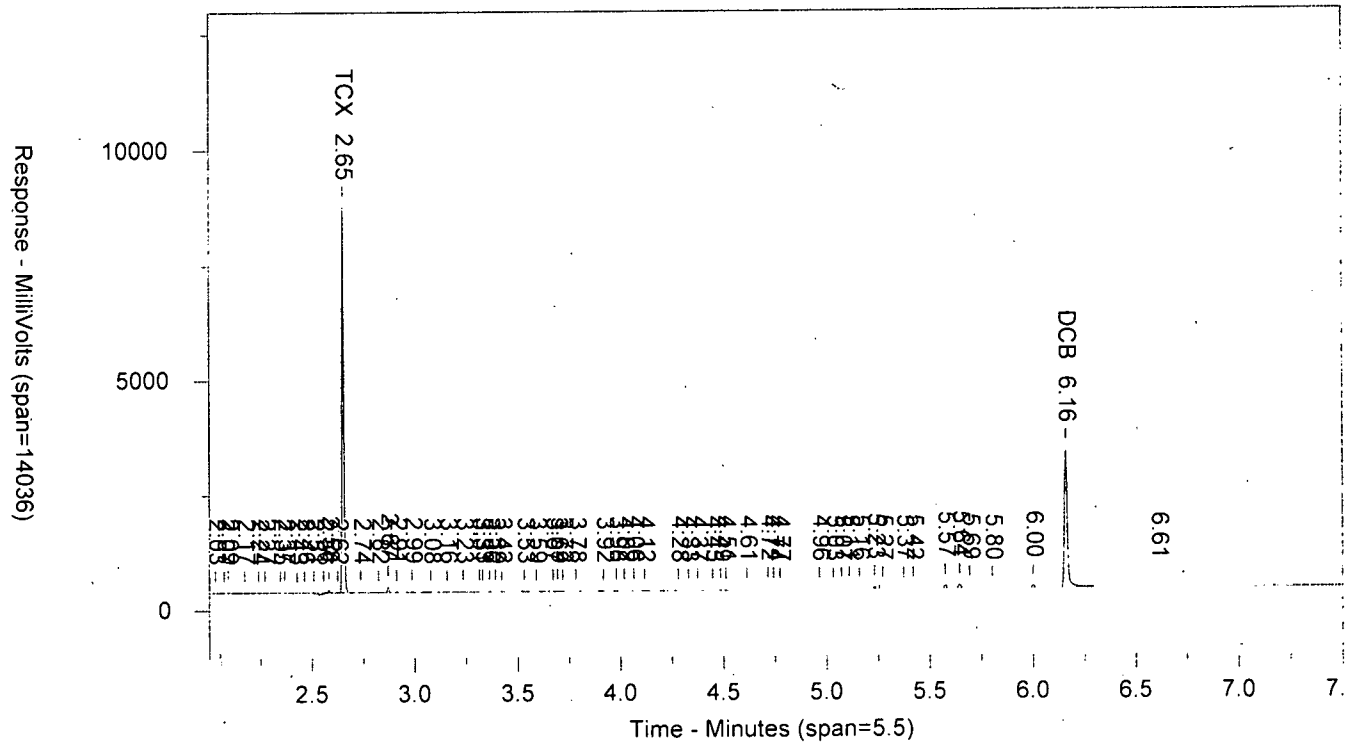

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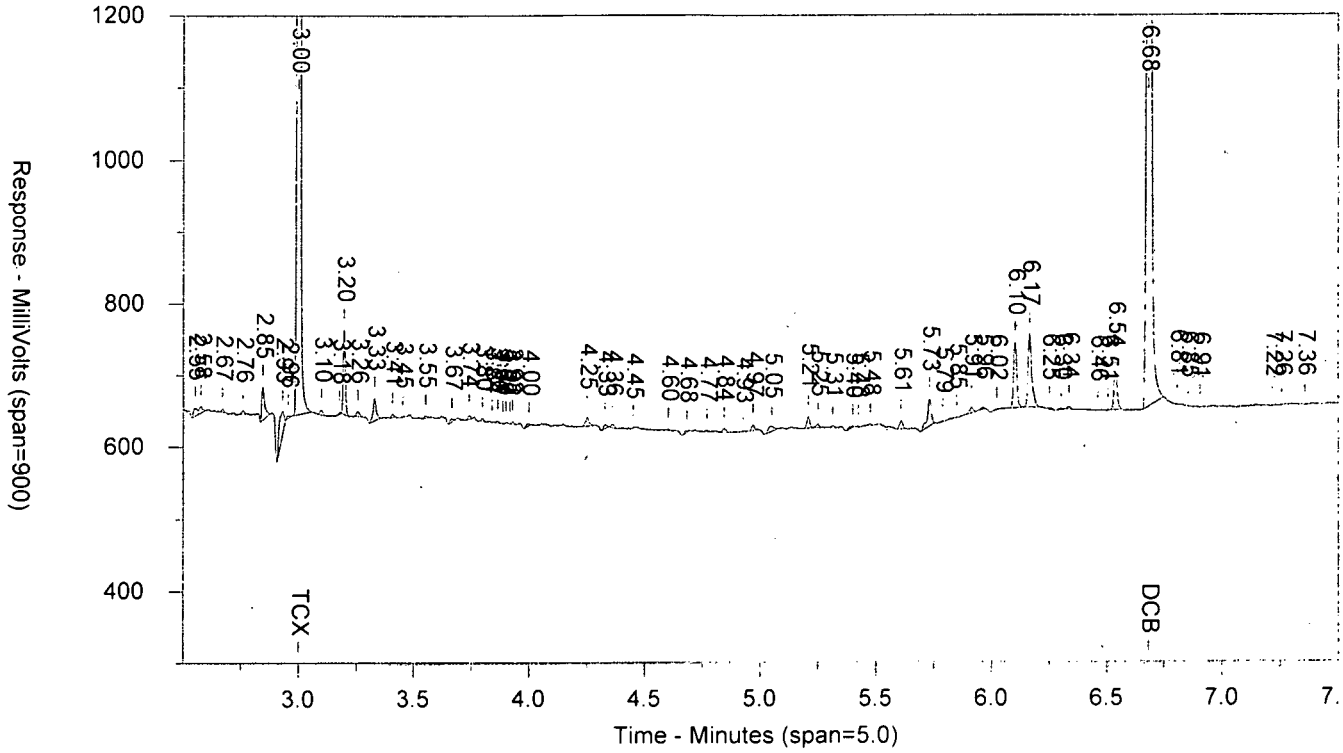

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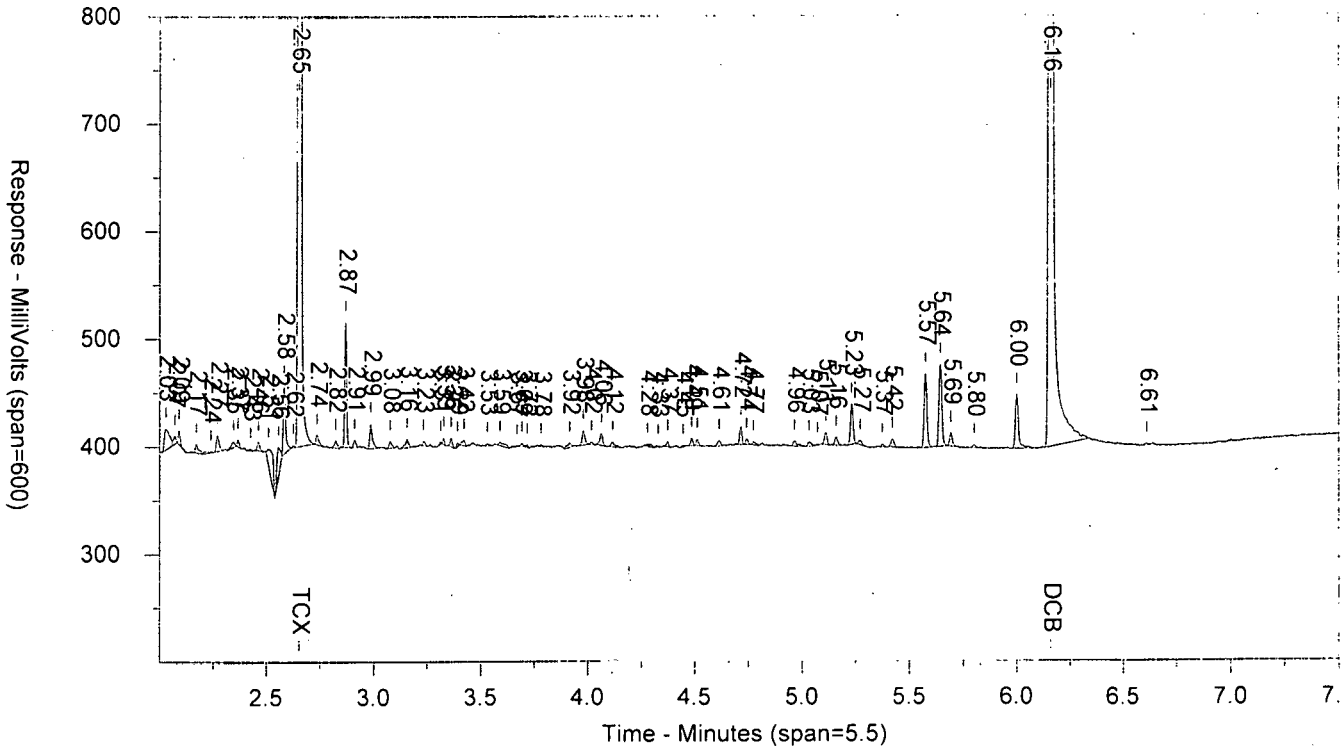

LANCASTER LABORATORIES

Sample Number: AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:31:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010.0029.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.665		8687	49480
1.786		2469	615
2.111		17918	46251
2.146		18805	29280
2.294		74582	50922
2.389		27523	17247
2.402		28551	17964
2.431		6961	4819
2.552		17788	18301
2.572		11290	12114
2.634		15839	10944
2.717		2312	1324
2.844		8402	5119
2.927		36655	57618
2.953		7864	6564
2.998	TCX	15853080	10090930
3.145		241774	207217
3.201		368501	331609
3.249		1324822	910837
3.327		30517	16695
3.343		173860	104290
3.383		5034	2976
3.465		1419341	822173
3.481		714245	383089
3.518		179122	103432
3.534		31421	12221
3.545		97489	50008
3.579		1656208	1196168
3.614		10089	5110
3.632		14934	8840
3.654		76995	52625
3.688		392122	227888
3.703		213610	106295
3.748		784197	478761
3.759		1670896	847558
3.798		1903374	1446883
3.858		1668927	1248989
3.899		145496	101531
3.927		1140892	839124
3.954		825998	694900
3.977		223567	122415
4.053		1272457	886437
4.078		460198	311881
4.109		497839	364293
4.143		1301339	1253737
4.184		426292	341521
4.231		61765	55099
4.271		89938	68280
4.305		1166823	867525
4.324		284571	155155
4.348		342195	266797
4.419		206203	174556
4.462		1295918	1242830

RT A	Compound A	Height A	Area A
4.496		50598	34067
4.56		18001	13981
4.601		176397	169211
4.653		155451	105323
4.669		359604	253448
4.715		799024	736276
4.764		1308155	1416110
4.802		315602	223102
4.84		2895367	2580758
4.884		29744	24491
4.927		435044	439840
4.961		39384	26627
4.988		467653	427437
5.041		2701299	3394229
5.092		552562	507936
5.131		1227518	1307241
5.172		14448	6914
5.211		234246	279369
5.245		2611488	2317047
5.265		76831	39220
5.286		46013	20583
5.31		1436096	1264466
5.352		856204	812872
5.447		363426	289804
5.471		1640350	1416258
5.528		910617	802967
5.566		508476	496595
5.607		104273	105633
5.649		508953	544463
5.705		3635301	3935715
5.848		2215	3347
5.909		2336839	2158717
5.94		99251	63142
5.964		572651	645565
6.099		187433	192287
6.178		502532	773844
6.332		800565	837910
6.376		50307	45288
6.459		1577	769
6.532		274224	282573
6.678	DCB	5022796	5211544
6.939		1391	583
7.217		1133	677
7.364		1629	430
7.445		1070	448
7.578		1325	637
7.594		1571	660
7.614		1539	517
7.775		1410	450
7.882		1642	718
8.118		1277	643
8.166		1470	682
8.281		1093	546
8.507		1137	299
8.564		1441	1395

LANCASTER LABORATORIES

Sample Number: AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:31:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010B.0029.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.586		1616	1557
1.659		2476	3024
1.76		3215	3578
1.851		3037	2060
1.868		3537	3089
1.965		84733	76916
2.03		12437	23986
2.091		29537	20240
2.172		4338	5844
2.225		2277	3874
2.27		10697	10860
2.336		15860	9848
2.365		9107	13959
2.459		3380	2644
2.512		20101	43343
2.582		26213	72112
2.608		3410	1542
2.63		2145	1097
2.652	TCX	16739990	10132030
2.695		128451	90556
2.822		298696	200889
2.869		155210	74084
2.883		243769	125251
2.935		1400222	884479
2.985		42733	25729
3.046		201426	125033
3.142		1812321	1767120
3.193		223572	137639
3.215		111709	62996
3.24		151593	85542
3.264		1765509	1158256
3.3		72553	42554
3.327		16454	7275
3.347		453071	237731
3.362		255713	124062
3.39		3773	1595
3.412		1023425	443714
3.422		1924639	813700
3.441		85745	28352
3.455		1750574	1169176
3.529		1868794	1165759
3.564		1289744	803846
3.587		1385046	770764
3.605		443608	226787
3.69		1586321	1042506
3.713		619981	327051
3.734		556896	334315
3.764		360490	197980
3.782		1258748	772335
3.824		468447	337092
3.872		66875	63226
3.894		303712	180074
3.915		1675125	1087045
3.94		326683	196770

3.96		57550	28538
3.979		208402	127681
4.015		1326110	917043
4.05		59801	33726
4.065		118154	72411
4.111		4189	2030
4.126		10587	6770
4.16		113818	120272
4.218		354469	255396
4.261		403411	248233
4.28		260821	139479
4.292		961718	542239
4.318		516972	546942
4.37		2980825	2218893
4.418		46478	41534
4.441		241502	160634
4.465		629637	463038
4.508		3330284	2568207
4.612		2651342	2569625
4.665		354092	287131
4.704		732073	639590
4.74		3035774	2571214
4.773		1659290	1150147
4.812		1109362	870859
4.911		395492	385745
4.963		2043592	1601016
4.987		245421	154227
5.037		1043053	945292
5.073		514421	402595
5.103		365047	304007
5.136		96886	60336
5.157		3935148	3445169
5.198		75075	52756
5.23		210541	173420
5.349		45576	29618
5.373		835701	709148
5.418		2472141	2871054
5.572		160680	138129
5.618		44214	30920
5.641		151451	118049
5.689		446658	401464
5.797		815933	701042
5.828		36220	24905
5.997		296366	267404
6.156	DCB	6153915	5673128
6.605		3790	3453
7.323		1098	1468
8.202		1770	1842
8.289		9047	17923

AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 808

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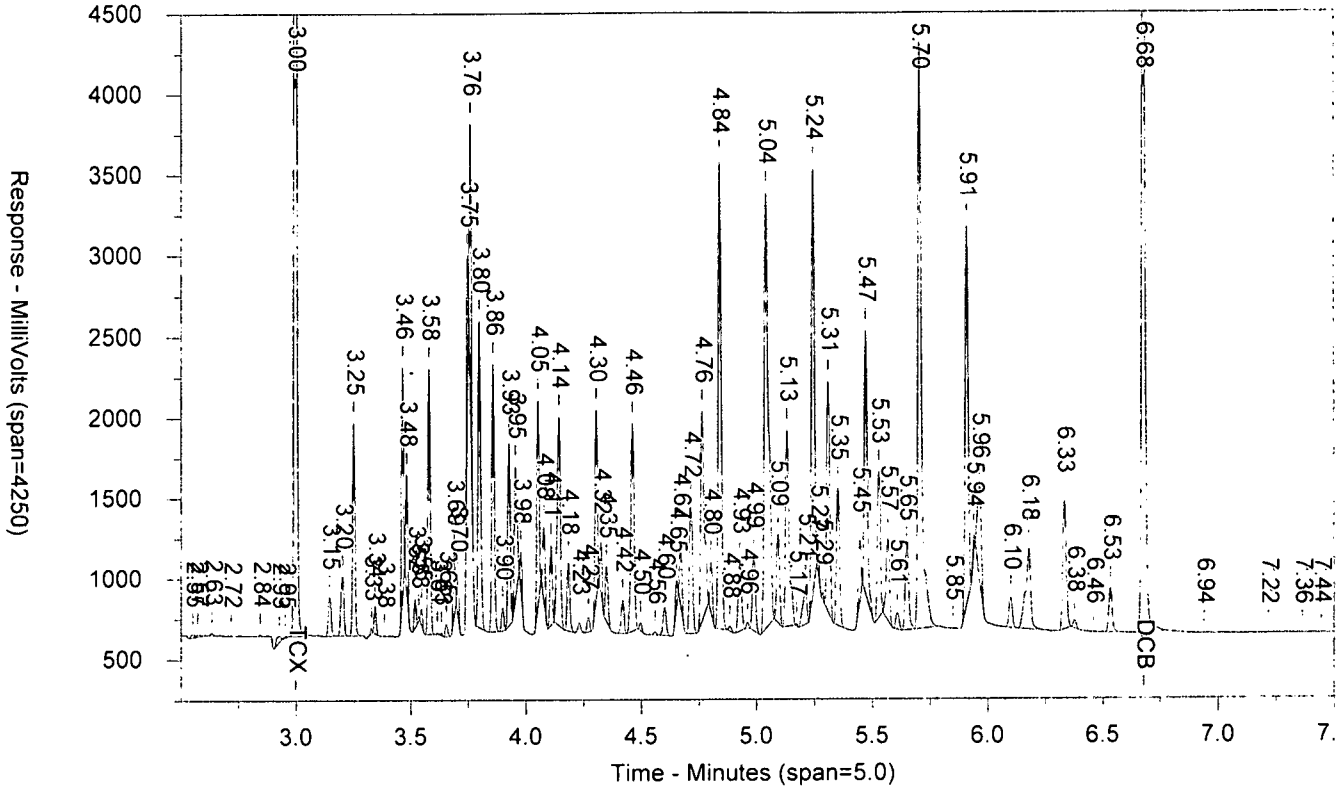

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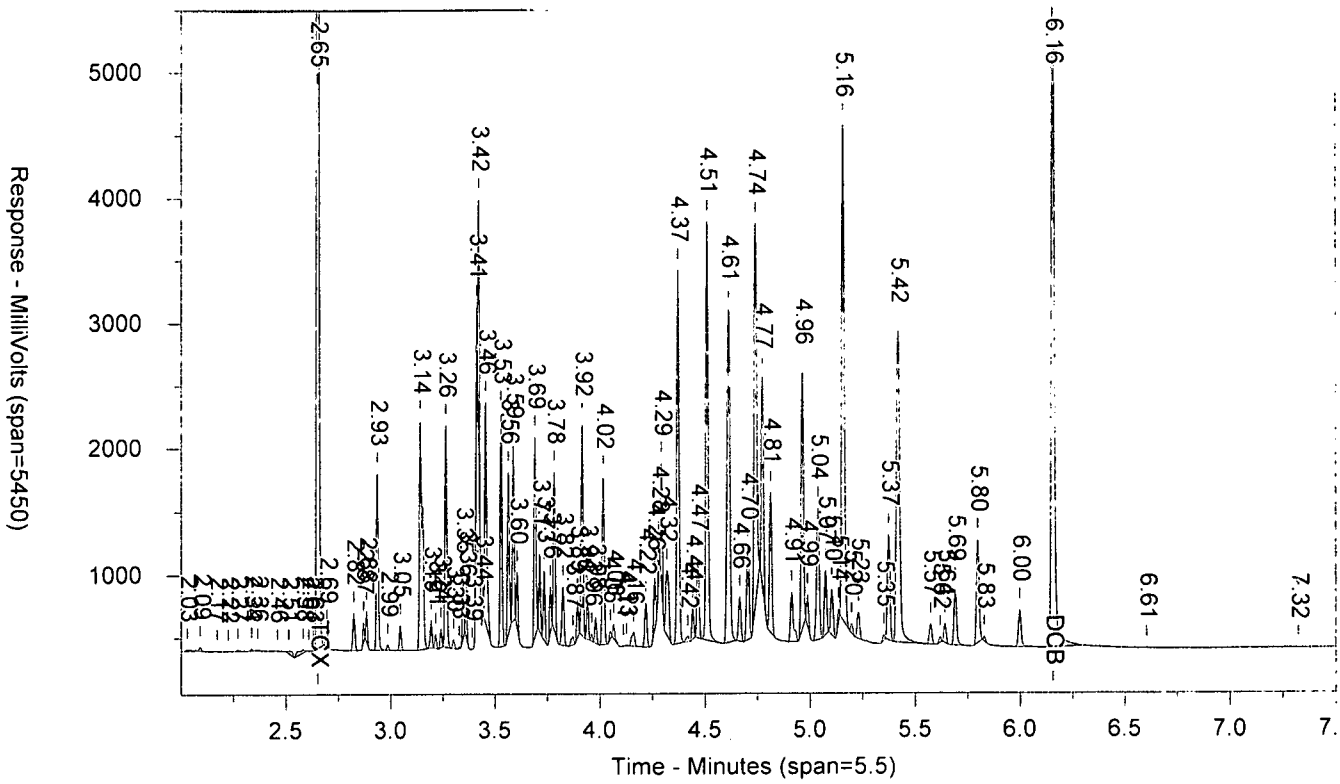

LANCASTER LABORATORIES

Sample Number: AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:31:44 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound I
2.998	15853080	41.884	TCX	2.652	16739990	43.075	TCX
6.678	5022796	37.212	DCB	6.156	6153915	38.63	DCB

Files:
Area File: 07pcbs1725010.0029.RAW
Area File: 07pcbs1725010B.0029.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/20/2017 1:40:30 AM
File Reported On: 9/20/2017 at 1:40:39 AM

AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 808

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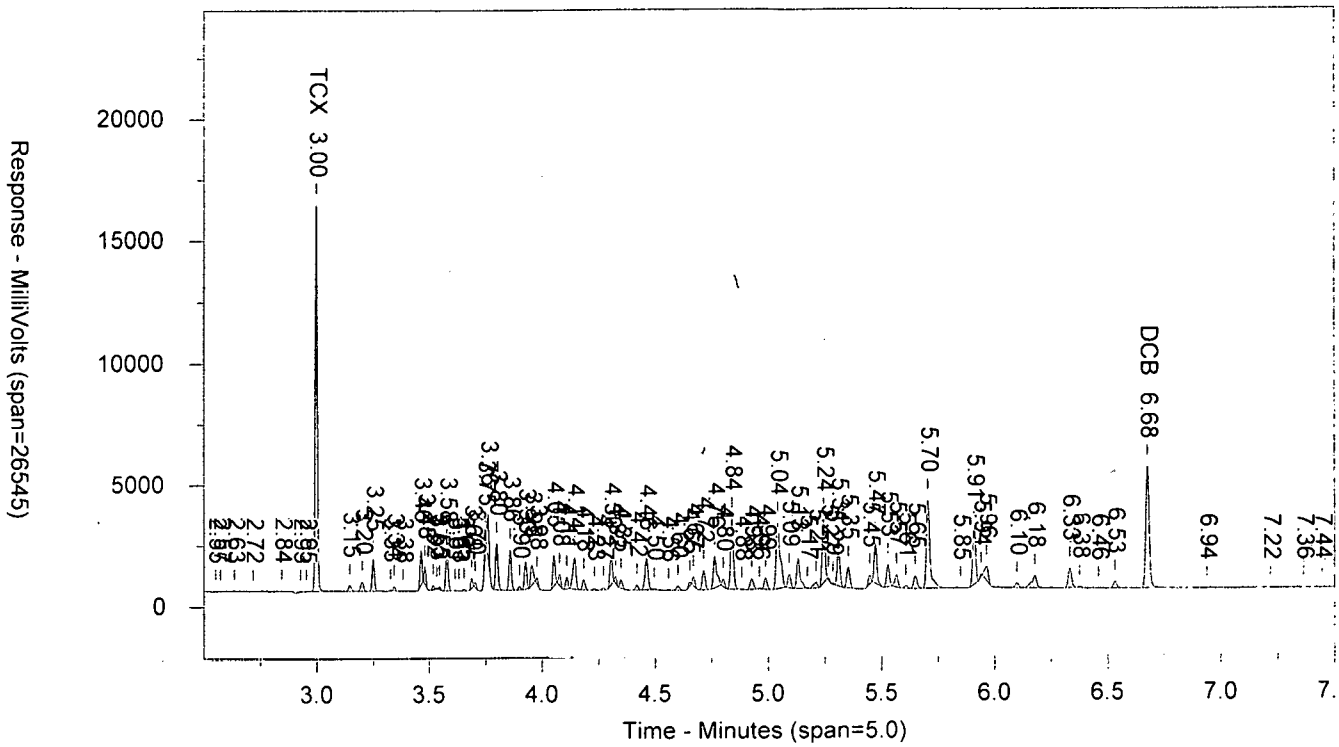

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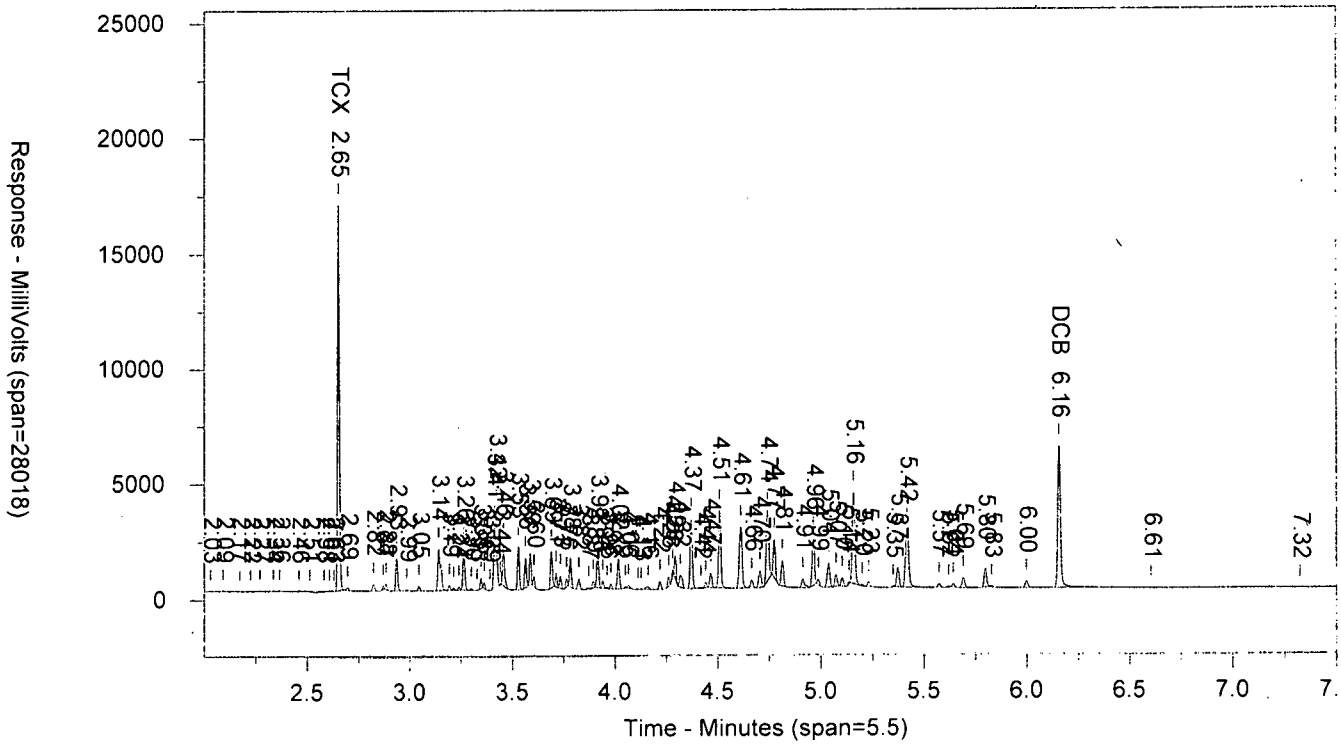

AR1641724B BCAR164BC CCAL 1726199999 10736 SW-846 808

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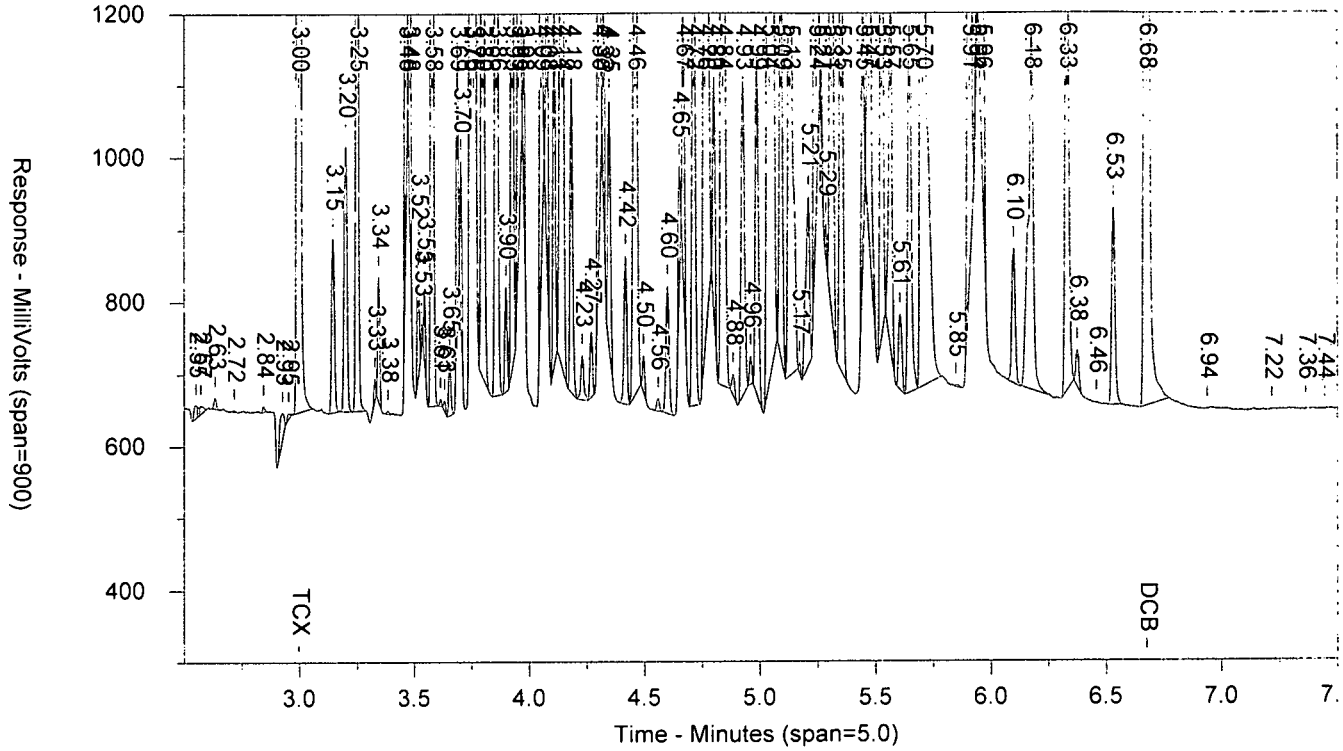

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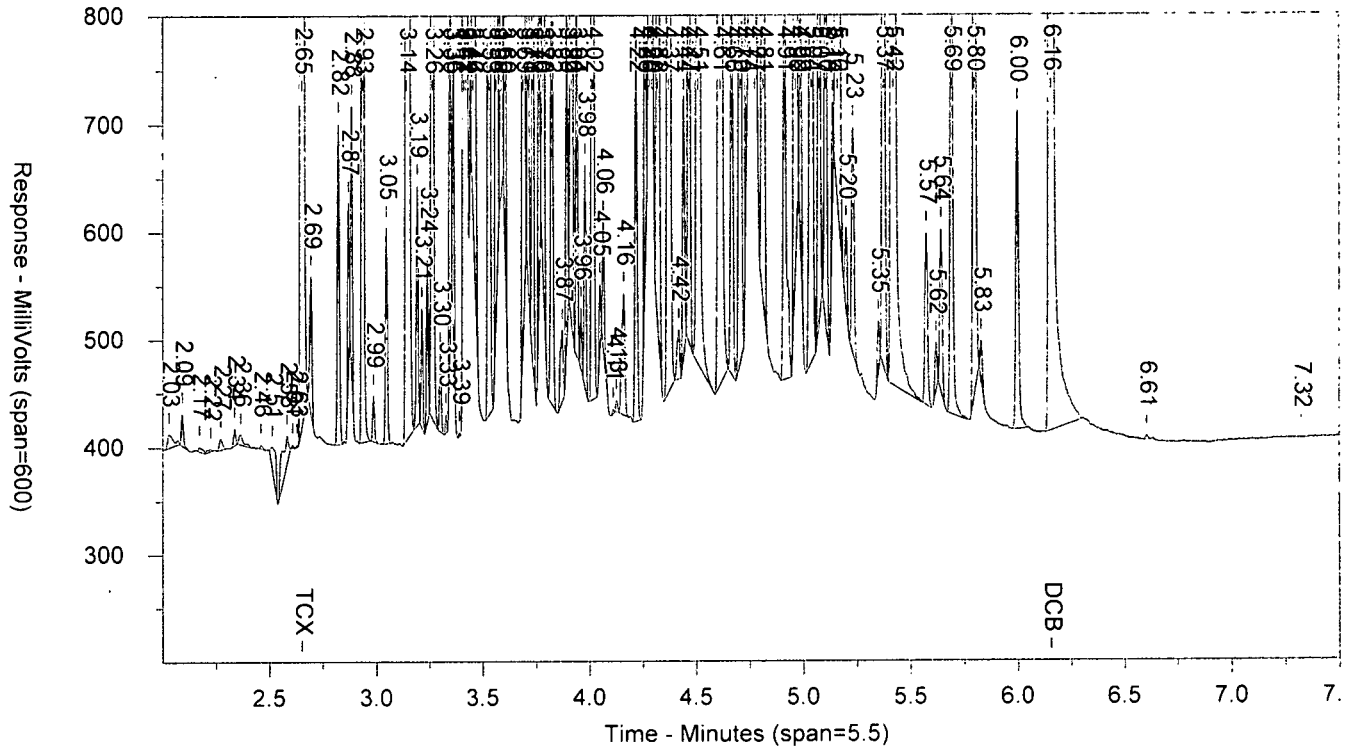


LANCASTER LABORATORIES

Sample Number: IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:43:18 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010.0030.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.635		15974	16185
1.662		6977	16001
2.107		10718	22635
2.149		24677	31638
2.295		38434	28323
2.391		45449	30277
2.435		7958	8351
2.552		10409	11560
2.845		70751	57547
2.927		14822	22873
2.962		3080	4756
3	TCX	7807315	4913654
3.197		116562	73742
3.255		2913	2360
3.329		30874	32342
3.479		1703	1336
3.634		5559	3456
3.671		3965	7290
3.738		8040	7323
3.765		2196	1351
3.822		1756	406
3.858		962	255
3.874		1415	815
3.903		1445	548
3.919		740	152
3.936		2975	8924
3.99		4801	4610
4.066		2068	957
4.248		11737	10758
4.328		7678	7181
4.36		9152	9780
4.393		1668	1337
4.451		3271	3593
4.517		1620	674
4.691		2482	6030
4.761		1454	1375
4.8		2076	813
4.84		5724	5514
4.914		975	568
4.965		8056	6725
5.038		4019	3609
5.078		2181	1649
5.119		2919	2379
5.152		1797	587
5.181		1464	419
5.206		15383	13665
5.269		1580	713
5.386		2531	1592
5.455		2006	2482
5.47		1380	846
5.514		5435	9307
5.555		1400	640
5.609		12680	12047

RT A	Compound A	Height A	Area A
5.731		42462	47462
5.813		14367	14250
5.908		4322	5303
5.957		2913	5390
6.019		2199	2342
6.1		82473	79424
6.164		93577	104291
6.261		1118	368
6.291		1251	626
6.382		2609	1800
6.502		1122	316
6.535		39630	37184
6.597		1525	735
6.63		1083	792
6.681	DCB	2457858	2601324
6.886		1932	827
7.003		1147	290
7.177		1200	880
7.23		1722	375
7.285		1678	437
7.382		2053	3703
7.513		1766	910
7.693		1087	1007
7.701		1079	373
7.833		1428	634
7.899		1834	894
7.922		1674	796
8.06		1753	1598
8.136		1523	909
8.199		1615	938
8.33		1121	267
8.488		1679	1098
8.521		1099	514
8.542		2053	423
8.666		1689	1226

LANCASTER LABORATORIES

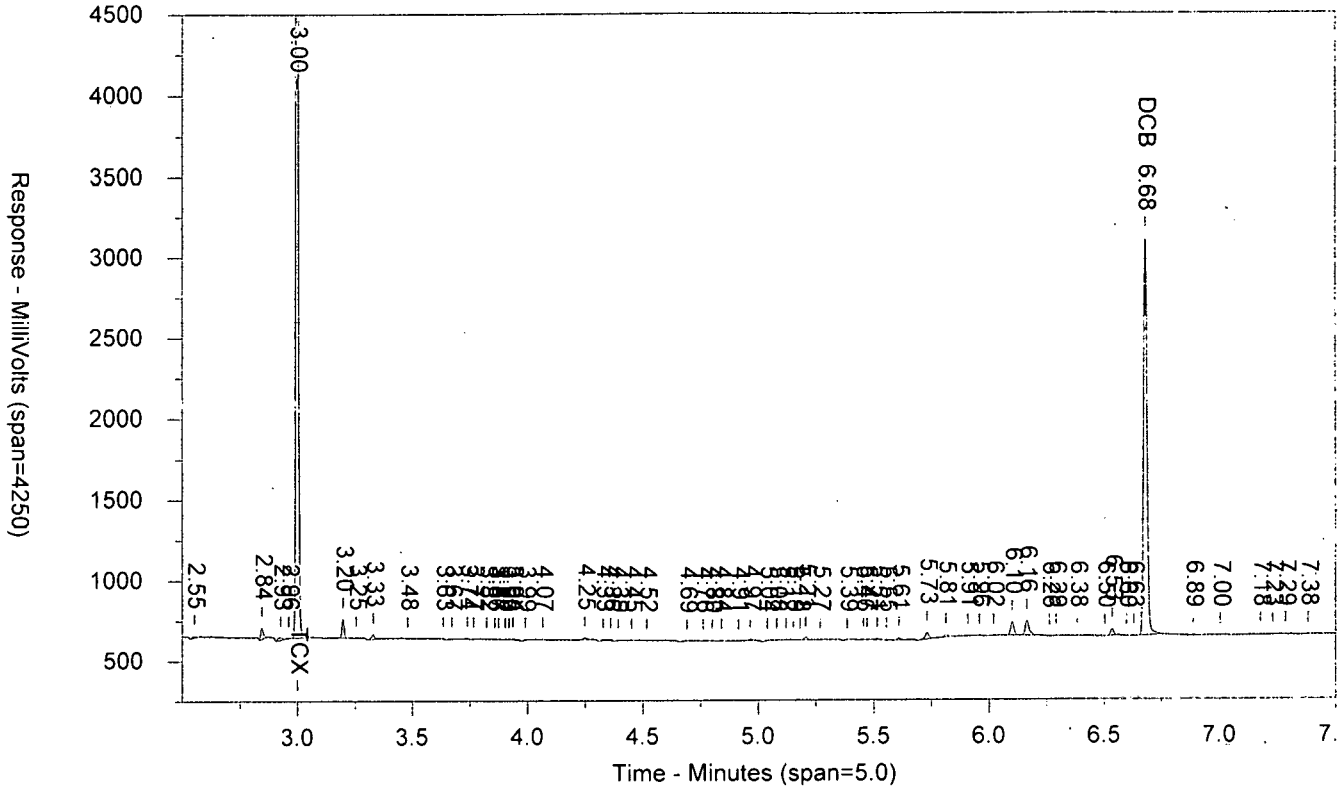
Sample Number: IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:43:18 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs1725010B.0030.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.589		2597	2162
1.759		4049	7331
1.851		2453	1753
1.867		1943	1465
1.959		56525	60910
2.033		23814	49021
2.091		14113	10394
2.172		3095	4785
2.245		1400	3991
2.27		11145	13369
2.347		10838	18181
2.461		3167	2615
2.508		7367	17492
2.554		13475	15779
2.582		101589	84631
2.625		2349	1397
2.651	TCX	8375811	4999064
2.737		4160	5153
2.818		2546	2888
2.869		116173	72455
2.911		2785	2767
2.985		22643	16103
3.073		2266	2209
3.157		2932	5166
3.218		3534	2778
3.328		10242	5733
3.362		6863	5684
3.421		3523	9088
3.602		2729	2403
3.753		4406	8123
3.909		2352	2628
3.978		14288	13522
4.062		10055	10657
4.115		5916	8250
4.274		4920	14581
4.446		6499	5869
4.485		8824	6874
4.691		2855	2371
4.713		14662	10488
4.887		3714	3444
5.031		3286	3178
5.108		13454	10547
5.159		2083	1676
5.231		40841	34534
5.27		4796	4891
5.393		16271	22881
5.574		64874	56426
5.643		74906	64065
5.691		13337	12270
5.999		44129	42411
6.157	DCB	3008132	2907308
6.608		2102	3053
7.106		1738	2216
7.23		1006	1840

8.294	9222	21264

IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs1725010.0030.RAW



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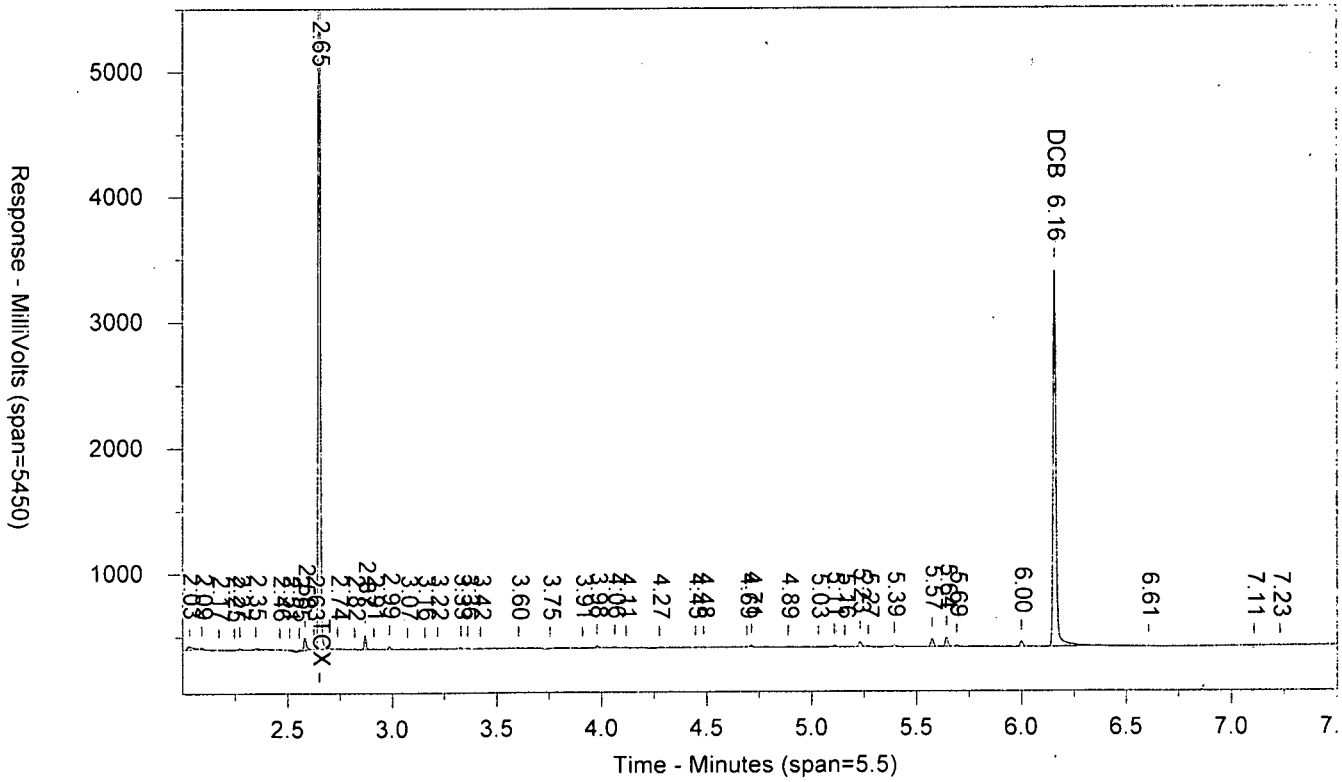

LANCASTER LABORATORIES

Sample Number: IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 1:43:18 AM
Sample Weight: 1000
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	7807315	.206	TCX	2.651	8375811	.216	TCX
6.681	2457858	.182	DCB	6.157	3008132	.189	DCB

Files:
Area File: 07pcbs1725010.0030.RAW
Area File: 07pcbs1725010B.0030.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/20/2017 1:52:00 AM
File Reported On: 9/20/2017 at 1:52:05 AM

IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082

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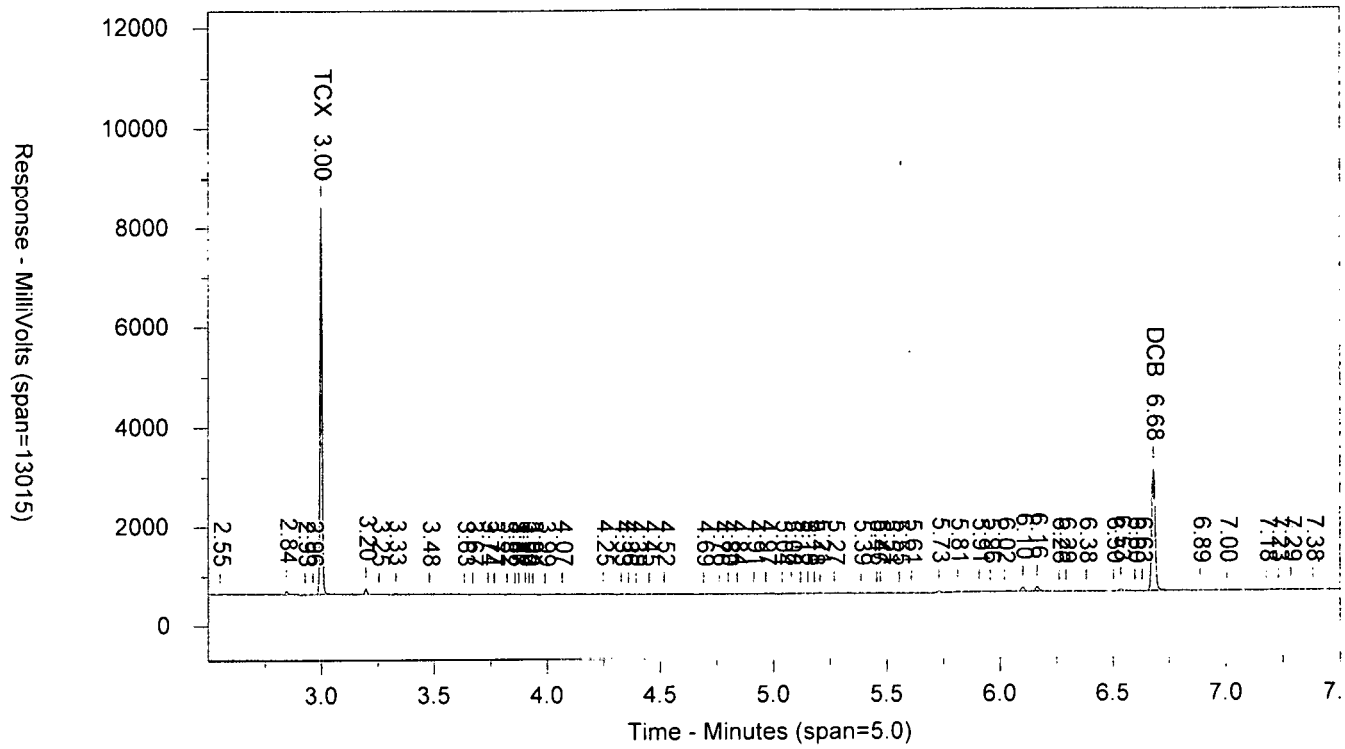

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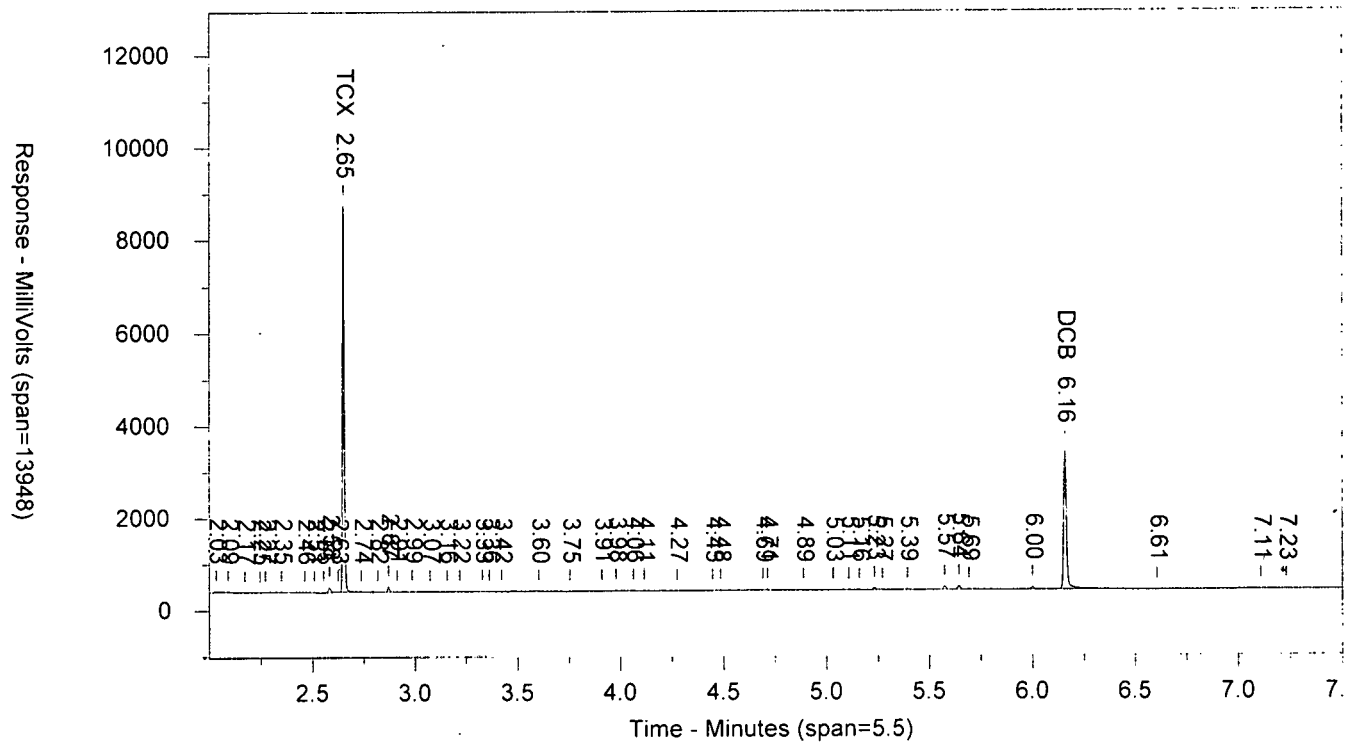

IBLKX1724B BYPIBLKBY PIBLK1726199999 10736 SW-846 8082

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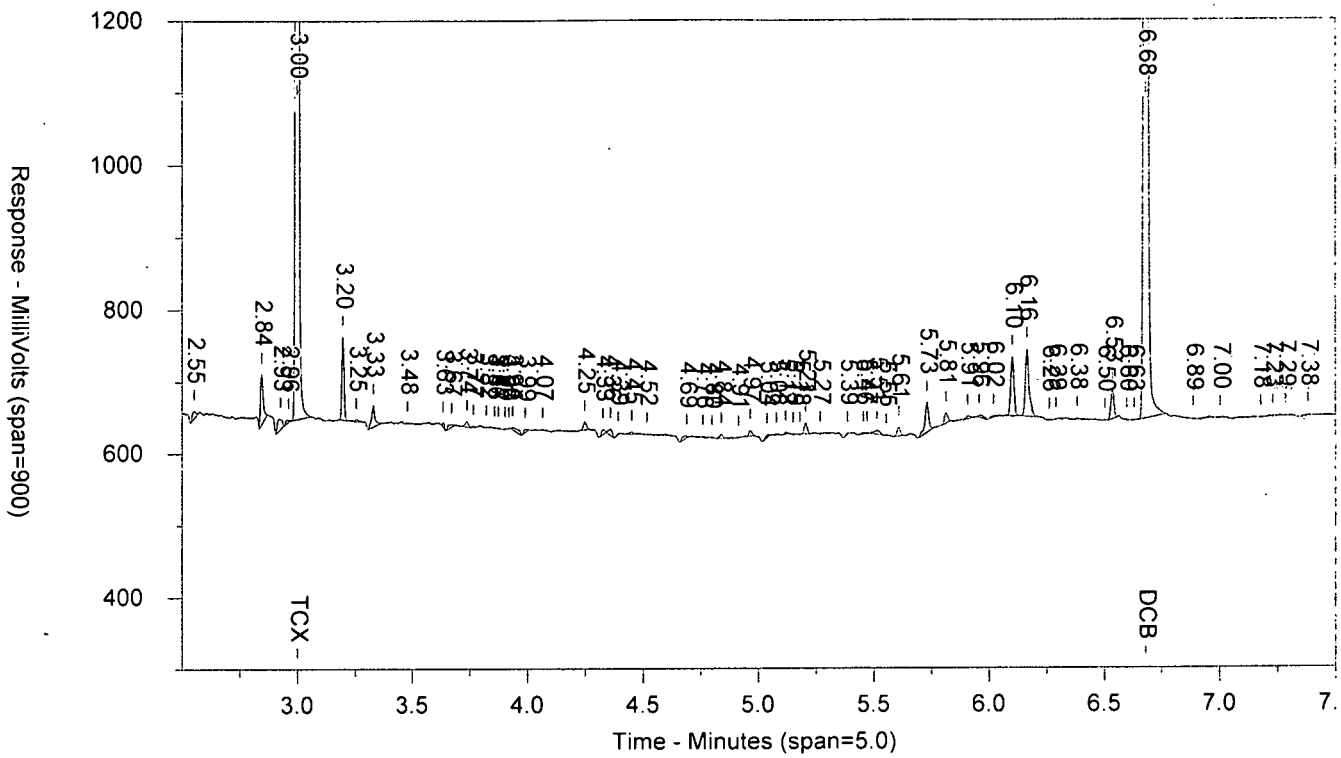

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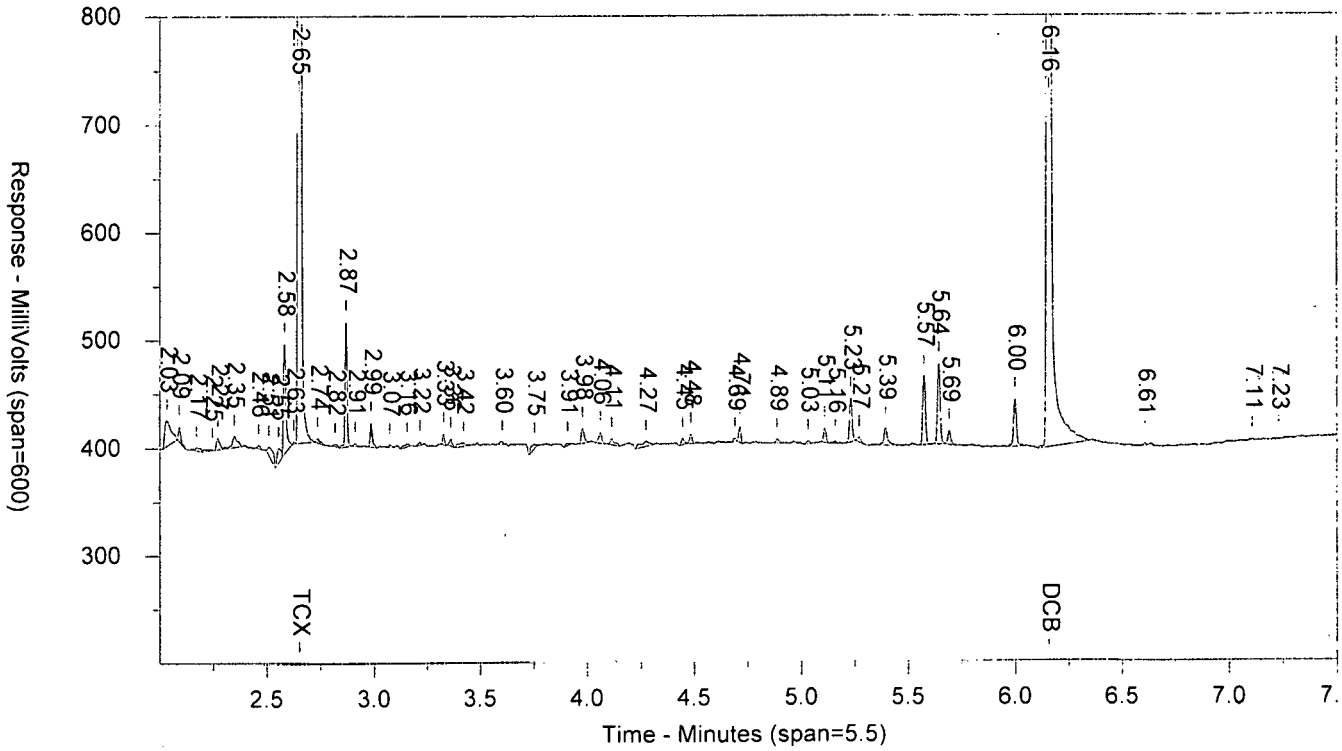


LANCASTER LABORATORIES

Sample Number: AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:42:46 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010.0051.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.669		8791	60255
2.11		21286	44153
2.149		14916	22517
2.221		3148	2735
2.268		2425	1782
2.294		79083	60327
2.391		22069	13909
2.404		31320	19478
2.434		5036	3328
2.55		20917	25975
2.579		9925	11749
2.636		18725	11768
2.671		2959	2374
2.757		2925	2178
2.846		5841	3946
2.928		40890	64331
2.955		11084	11571
2.999	TCX	16384750	10221660
3.147		250577	222235
3.202		370092	337288
3.251		1388460	961597
3.328		31300	16714
3.344		170776	105512
3.386		5188	3002
3.466		1406850	833891
3.482		694239	375846
3.52		179105	103056
3.535		36143	13574
3.547		92909	45168
3.58		1710255	1206607
3.617		10038	4870
3.633		15201	9431
3.656		82528	55392
3.689		404178	225926
3.705		197980	100275
3.749		883171	460921
3.76		1649775	834925
3.8		1866150	1428924
3.859		1636683	1225074
3.901		142385	98864
3.928		1176344	829856
3.955		805487	691891
3.978		210025	108571
4.055		1212155	881299
4.079		428001	294205
4.111		504966	359254
4.145		1270787	1223565
4.186		414075	332686
4.233		58091	52278
4.273		93408	68544
4.307		1126534	839507
4.326		271042	146062
4.35		309227	250793

RT A	Compound A	Height A	Area A
4.42		200367	171124
4.464		1256707	1227603
4.498		50713	35453
4.561		21366	18040
4.602		215406	210264
4.655		152670	98685
4.672		355183	256994
4.717		796760	716950
4.766		1296115	1397857
4.803		321008	222965
4.842		2974721	2547720
4.885		37329	32115
4.929		391324	425674
4.964		47201	33152
4.99		456621	424340
5.042		2700110	3394800
5.093		587631	508952
5.133		1170959	1302891
5.175		14573	7966
5.212		241085	283877
5.246		2517696	2253855
5.268		92892	40734
5.288		46523	21163
5.312		1350815	1248773
5.354		821816	796548
5.423		1907	668
5.449		313425	266177
5.473		1535777	1373060
5.529		903281	784297
5.568		502940	489575
5.609		115111	116139
5.651		461565	538601
5.707		3594581	3910403
5.911		2248716	2105301
5.943		67934	59484
5.966		572979	628097
6.1		219238	212783
6.164		42073	33430
6.18		334021	271648
6.334		772141	828898
6.378		48020	41124
6.534		271942	285896
6.68	DCB	4751888	5065604
6.926		1532	891
7.021		1668	812
7.138		1188	625
7.279		1372	373
7.301		2104	867
7.318		1452	885
7.379		1623	789
7.442		1804	432
7.507		1542	654
7.519		1915	885
7.556		1284	760
7.762		1865	382
7.79		1466	334
7.822		1292	514
7.9		1591	379
8.025		1873	594
8.062		1520	372
8.125		1533	446
8.218		1237	357
8.284		1043	479
8.542		1797	548
8.592		1692	543
8.608		1956	507

LANCASTER LABORATORIES

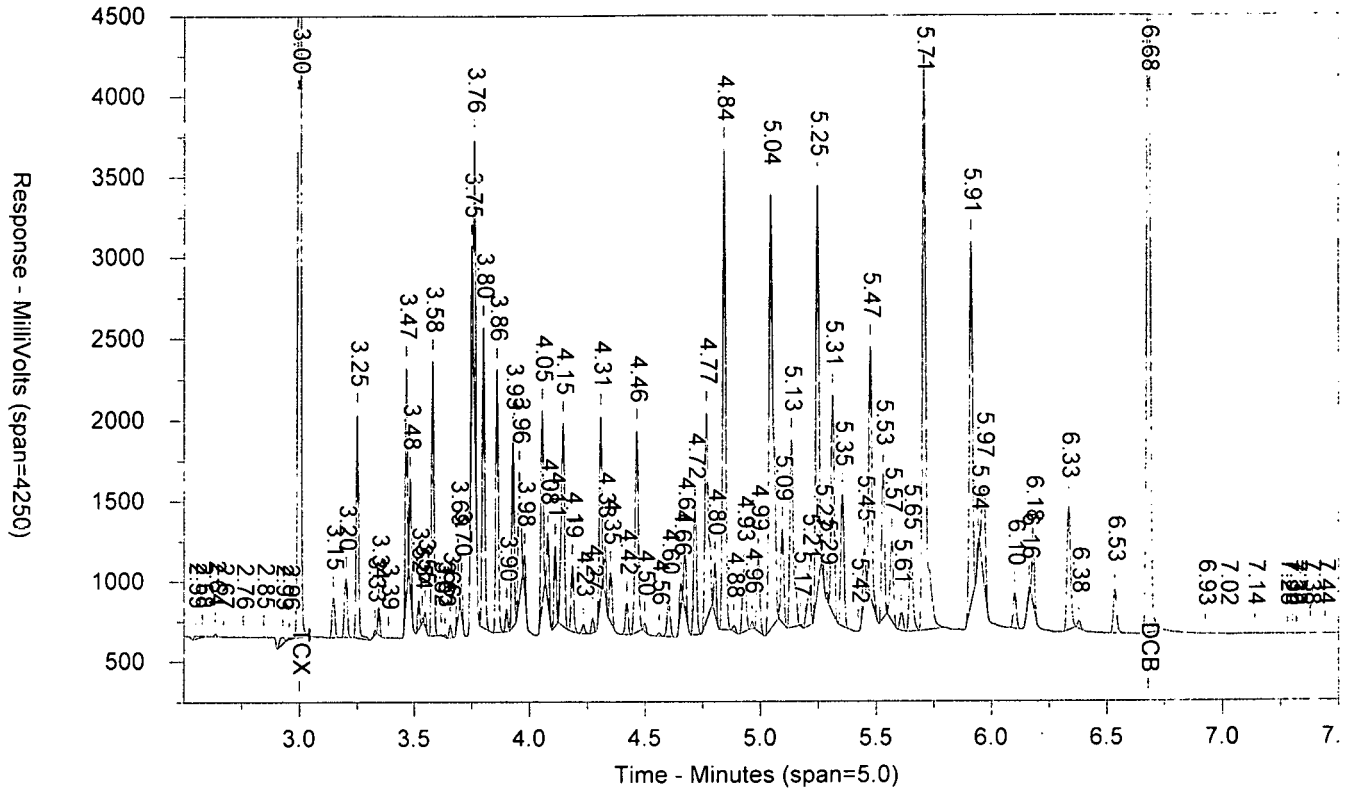
Sample Number: AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:42:46 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs1725010B.0051.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.656		2936	2619
1.761		3825	2806
1.806		3334	3332
1.848		2878	1964
1.901		1507	2481
1.965		85618	74255
2.029		11202	18023
2.07		4966	3162
2.091		30894	20273
2.172		4676	6560
2.224		2200	4042
2.27		10152	11698
2.337		21516	31526
2.461		3250	3509
2.511		15860	39260
2.558		22813	29022
2.582		5216	3119
2.608		3178	1868
2.652	TCX	17196570	10198020
2.695		125876	91604
2.736		3683	3779
2.823		309436	211620
2.849		3029	1178
2.869		147076	70034
2.883		238859	120864
2.935		1390585	896919
2.986		43560	26680
3.046		196963	126643
3.142		1787329	1774139
3.194		222950	137597
3.215		118030	65791
3.24		142782	81069
3.264		1740925	1158969
3.301		77508	46295
3.328		23513	10971
3.347		443864	237311
3.363		253425	121383
3.389		3770	1625
3.413		875384	400749
3.422		1794977	780236
3.441		75899	27190
3.456		1701622	1153543
3.529		1825441	1144020
3.564		1249148	794615
3.587		1388988	765437
3.605		433542	211252
3.69		1557197	1027581
3.714		589632	315859
3.734		532408	329587
3.765		358900	194121
3.783		1167157	729968
3.825		451522	333147
3.872		71391	69713
3.895		288033	168132

3.916		1647639	1059734
3.941		306549	179790
3.96		60584	28951
3.981		201593	125715
4.016		1315492	900790
4.051		59463	35483
4.066		118994	71300
4.111		5387	2679
4.128		12935	9005
4.153		34647	20305
4.161		36104	17928
4.219		343707	252145
4.262		405503	244283
4.281		271360	136005
4.293		905252	520619
4.32		517692	535092
4.372		2902102	2194900
4.418		48249	45705
4.443		225368	147553
4.467		609425	446666
4.51		3137941	2499770
4.613		2598121	2534165
4.667		356086	284820
4.705		732788	626574
4.741		2995635	2502811
4.774		1564118	1138344
4.813		1097983	847522
4.913		373760	374436
4.964		1984146	1565796
4.988		237686	145090
5.038		1028757	922910
5.074		488541	389724
5.104		352734	297254
5.137		102770	59040
5.158		3867785	3355239
5.199		59305	41651
5.231		230448	188290
5.35		44048	27927
5.373		814497	686762
5.418		2325759	2777462
5.574		173940	154845
5.62		39149	26594
5.642		179747	138765
5.692		430844	396078
5.799		790287	678180
5.83		32922	20781
5.999		273056	274713
6.158	DCB	5669917	5537646
6.604		3890	3413
6.996		1810	2131
7.752		1389	1874
8.29		9380	16984

AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 808

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs1725010.0051.RAW



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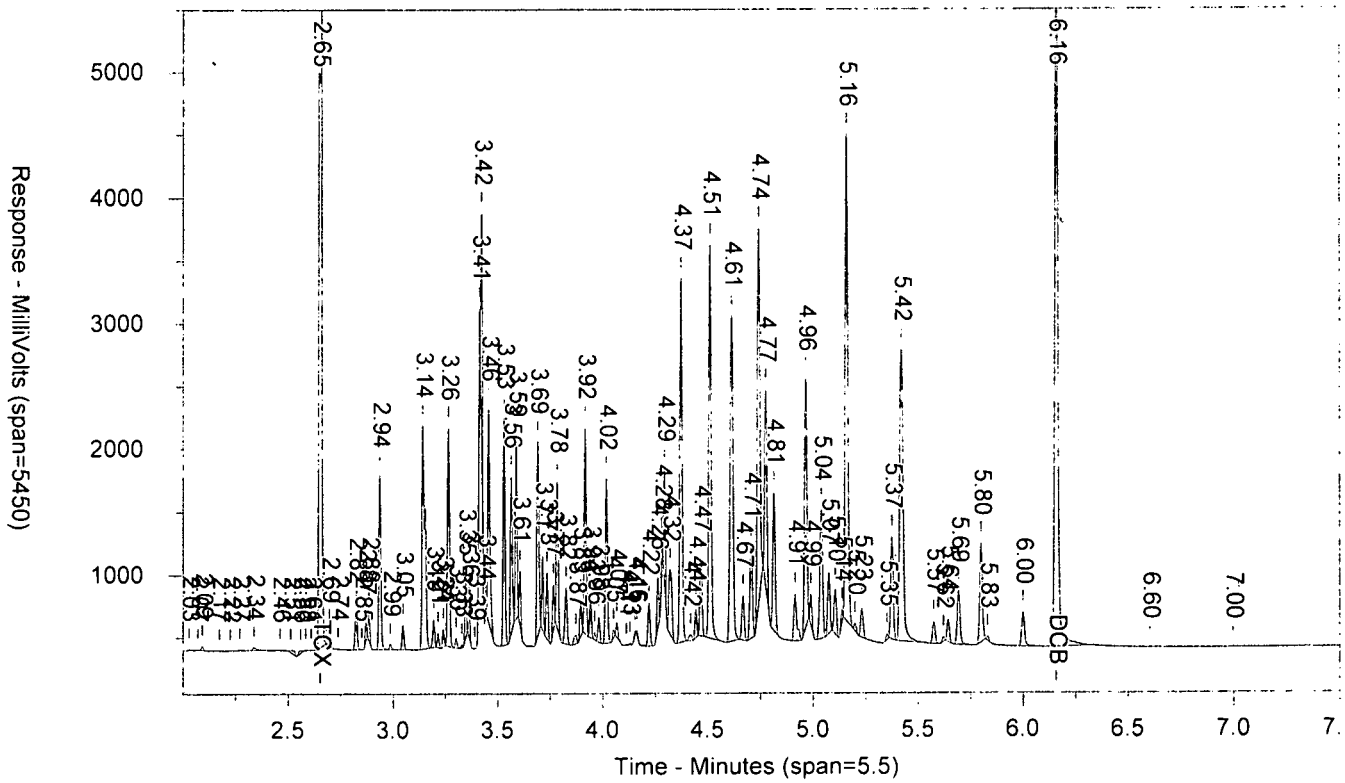

LANCASTER LABORATORIES

Sample Number: AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:42:46 AM Sample Weight: 1
Instrument ID: CP7-19843A Dilution Factor: 1
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound E
2.999	16384750	43.288	TCX	2.652	17196570	44.25	TCX
6.68	4751888	35.205	DCB	6.158	5669917	35.592	DCB

Files:
Area File: 07pcbs1725010.0051.RAW
Area File: 07pcbs1725010B.0051.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/20/2017 7:23:03 AM
File Reported On: 9/20/2017 at 7:50:41 AM

AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 808

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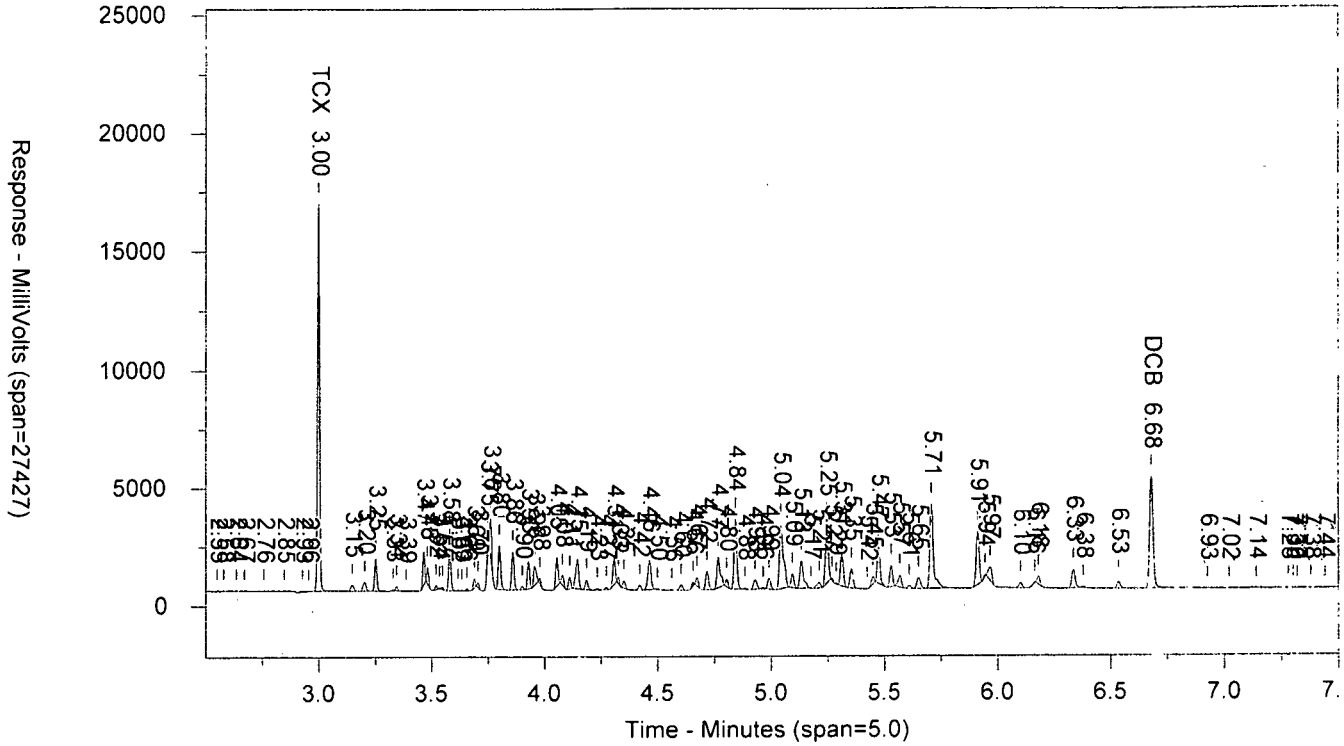

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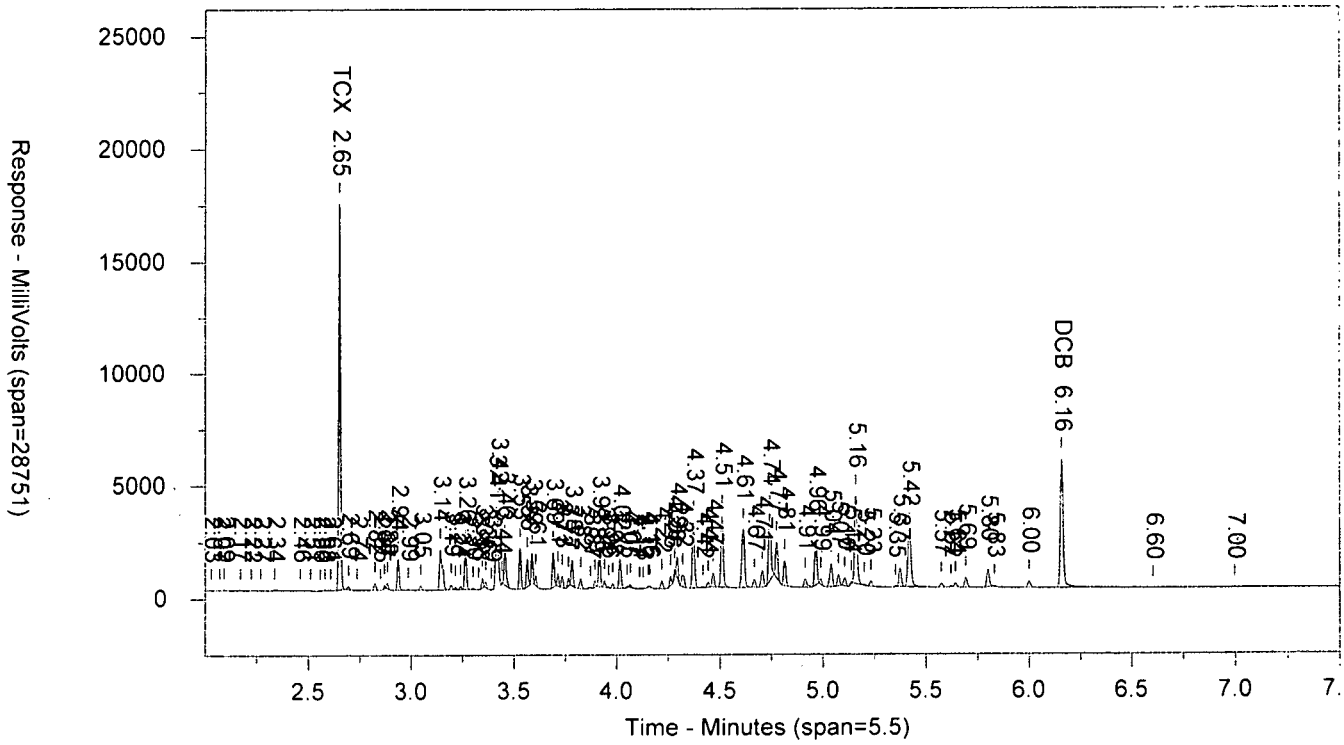

AR1641724B BDAR164BD CCAL 1726199999 10736 SW-846 808

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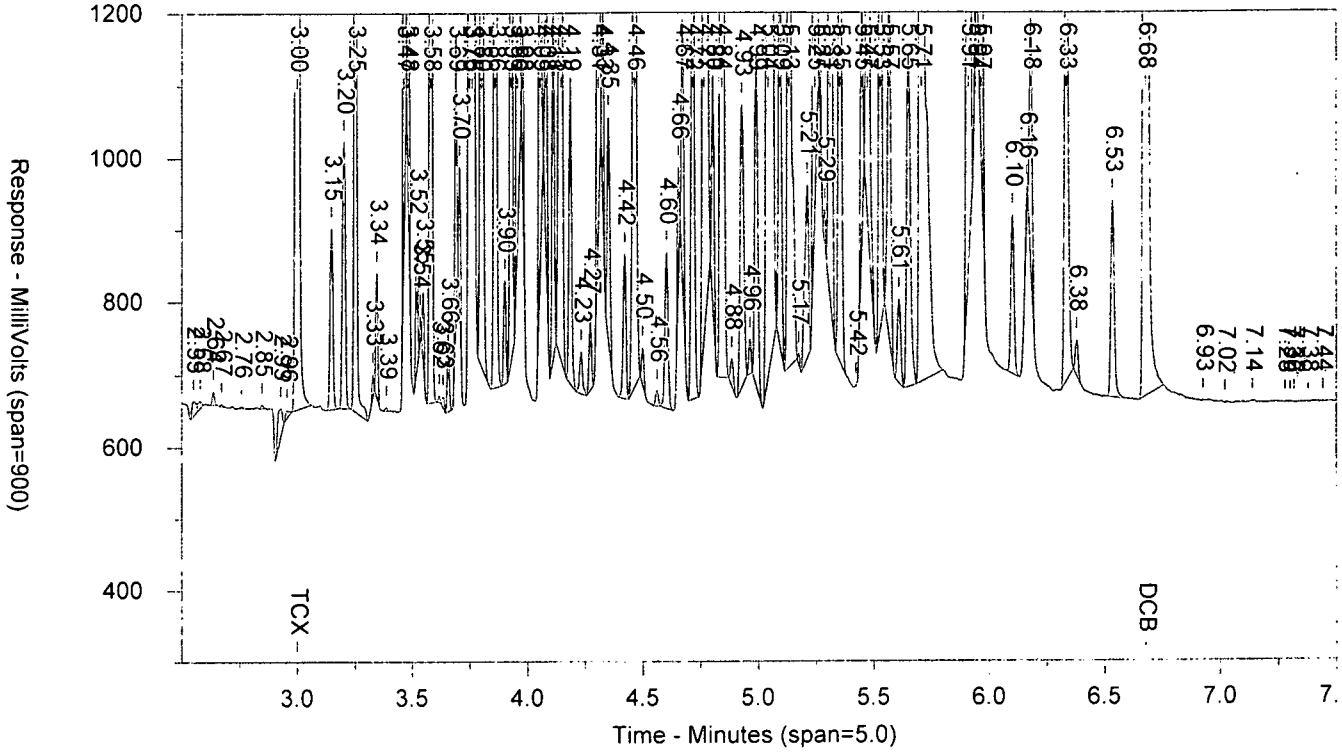

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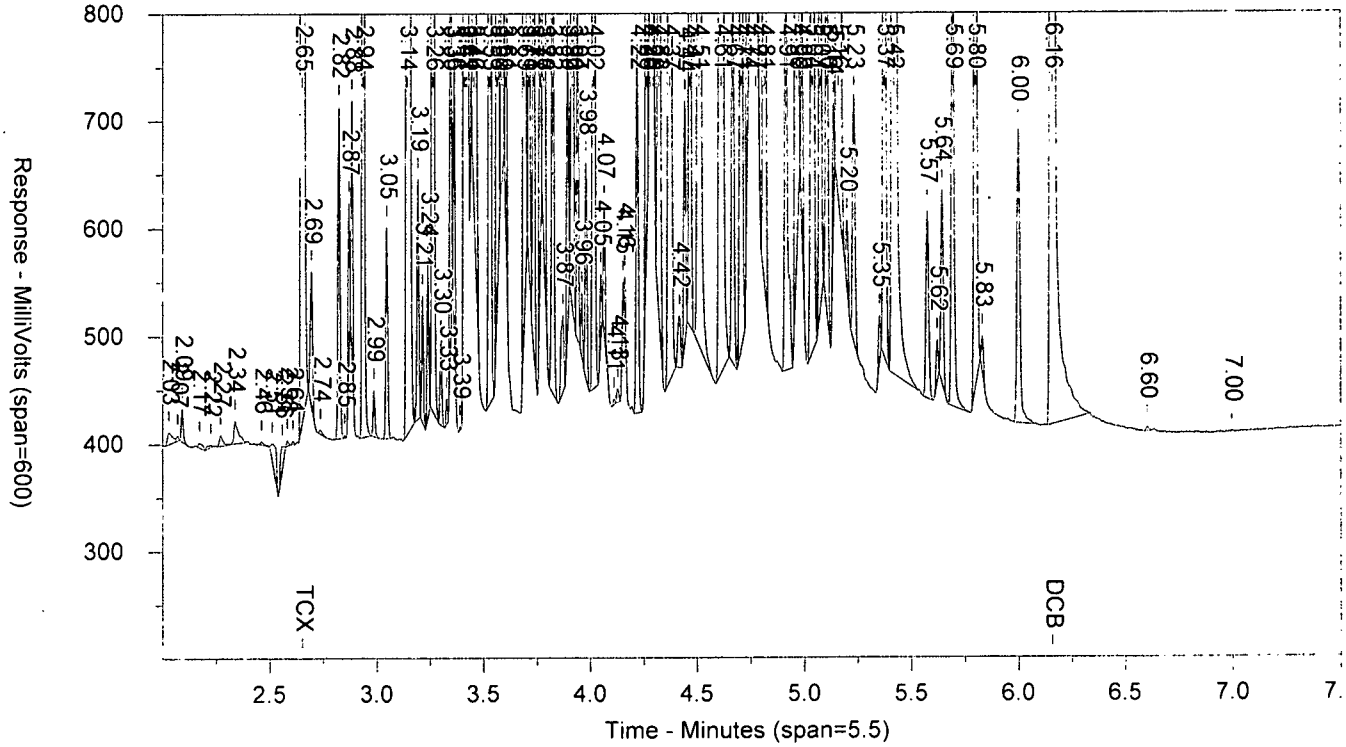

LANCASTER LABORATORIES

Sample Number: IBLKX1724B BZPIBLKBZ PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:54:14 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010.0052.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.636		4989	6525
1.79		1927	1423
2.101		11735	14551
2.152		21219	39163
2.294		40712	28941
2.39		36479	20147
2.433		5335	4229
2.548		11865	15378
2.602		3238	1658
2.843		39494	28458
2.916		8315	4583
2.956		3872	3829
2.998	TCX	7858817	5045744
3.196		118459	76250
3.327		25232	22187
3.634		6248	3031
3.668		2746	3423
3.738		8515	7115
3.76		2537	1507
3.791		1182	612
3.84		1595	687
3.897		927	199
3.905		891	191
3.924		2326	1542
3.947		991	299
3.992		3439	3723
4.009		1608	677
4.053		1135	470
4.216		1300	336
4.247		13010	13016
4.327		4826	4358
4.356		5175	4401
4.395		1730	1826
4.445		2238	1860
4.636		2334	2031
4.683		2732	3312
4.964		13137	13023
5.043		2554	2374
5.112		1223	292
5.205		23876	21597
5.243		2121	2055
5.397		3100	4106
5.469		1672	3263
5.497		1162	382
5.558		2396	1374
5.608		18223	17090
5.636		1457	680
5.73		54272	57832
5.826		652	2563
5.861		1573	1352
5.883		1229	298
5.912		4145	3736
5.953		2862	1265

RT A	Compound A	Height A	Area A
6.021		2156	2728
6.099		102801	98807
6.162		113195	134089
6.27		1424	570
6.292		1734	1126
6.333		2688	1967
6.355		1267	698
6.532		47066	47658
6.679	DCB	2430430	2627617
6.994		1348	261
7.062		1931	569
7.135		1736	754
7.36		1735	732
7.449		1362	547
7.551		1365	472
7.701		1714	860
7.788		1362	434
7.844		1614	444
7.951		1128	361
8.127		1361	350
8.151		1475	450
8.18		1090	768
8.246		1863	1093
8.289		1324	618
8.414		1308	394
8.452		1724	719
8.643		927	898

LANCASTER LABORATORIES

Sample Number: IBLKX1724B BZPIBLKBZ PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:54:14 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs1725010B.0052.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		2786	2542
1.785		1638	730
1.848		1590	990
1.959		54393	59707
2.028		16610	32121
2.091		14578	9937
2.189		3055	2481
2.27		8308	10731
2.35		11387	24321
2.563		7659	13324
2.582		58548	44825
2.651	TCX	8385372	5076986
2.869		119696	79924
2.985		22056	13496
3.11		2448	2235
3.155		2284	4591
3.216		2590	2444
3.328		13710	7243
3.361		8966	6498
3.485		1902	1358
3.619		1941	1441
3.646		2801	19420
3.75		2776	4516
3.93		1912	4661
3.978		14313	12595
4.06		10353	11517
4.114		4740	5895
4.191		3360	4720
4.248		1633	2220
4.275		3465	4432
4.484		12139	9127
4.506		2050	1086
4.611		2932	3483
4.688		1688	839
4.713		21997	15514
4.96		3155	2258
5.029		3288	3134
5.108		17442	15043
5.156		2984	3116
5.23		51900	45293
5.272		5780	5349
5.573		78623	70466
5.641		91642	80592
5.69		17035	15651
5.997		47707	43773
6.156	DCB	2853723	2870382
8.29		9014	16916

IBLKX1724B BZPIBLKBZ PIBLK1726199999 10736 SW-846 8082

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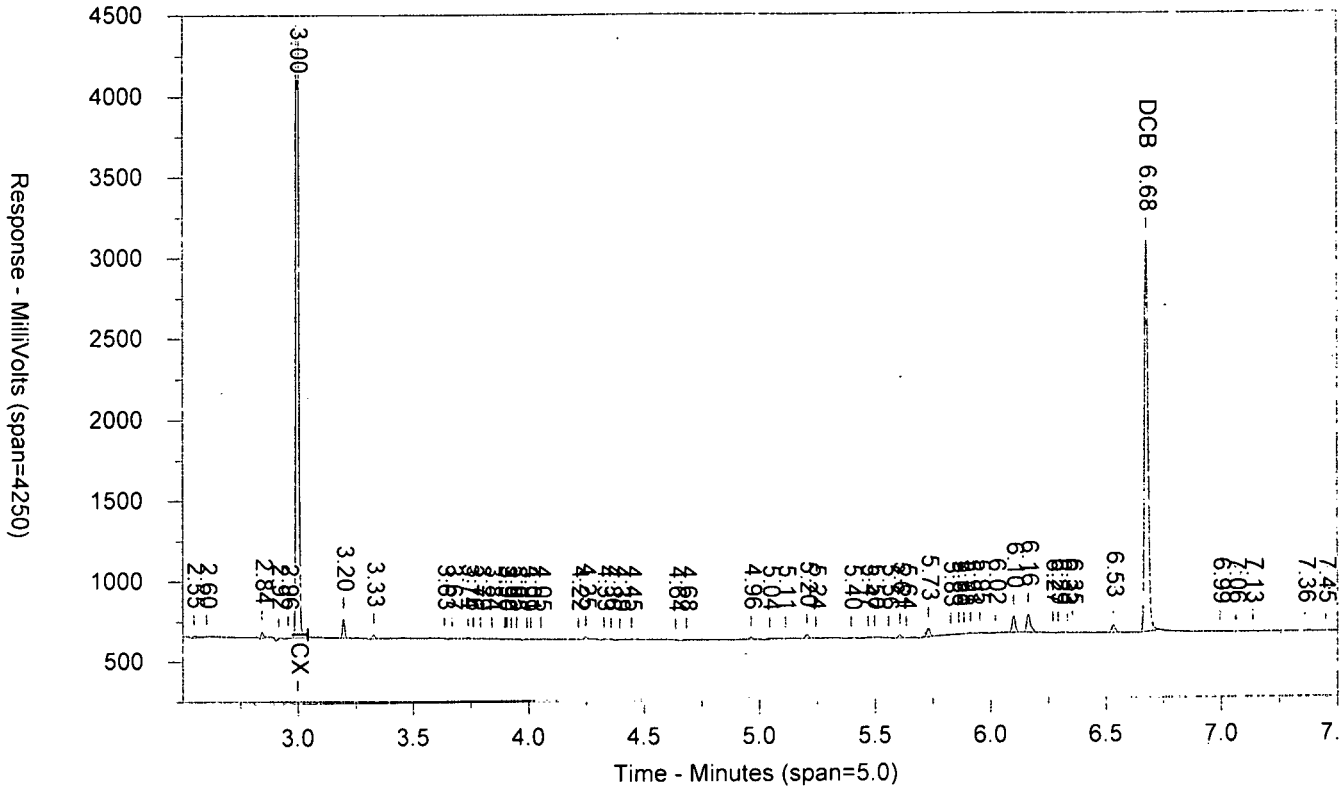

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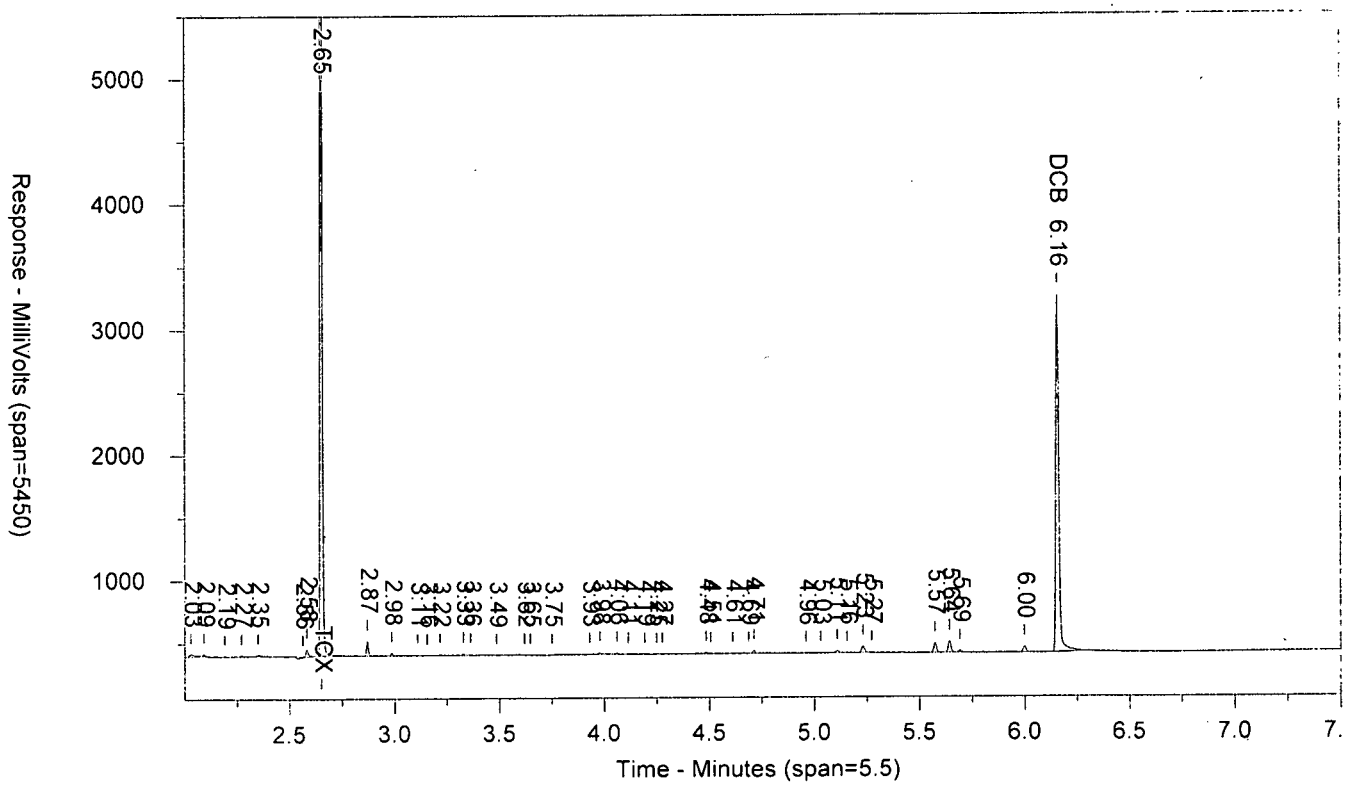

LANCASTER LABORATORIES

Sample Number: IBLKX1724B BZPIBLKBZ PIBLK1726199999 10736 SW-846 8082
Injected On: 9/20/2017 5:54:14 AM
Sample Weight: 1000
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.998	7858817	.208	TCX	2.651	8385372	.216	TCX
6.679	2430430	.18	DCB	6.156	2853723	.179	DCB

Files:
Area File: 07pcbs1725010.0052.RAW
Area File: 07pcbs1725010B.0052.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/20/2017 7:23:03 AM
File Reported On: 9/20/2017 at 7:51:06 AM

IBLKX1724B BZPIBLKBZ PIBLK1726199999 10736 SW-846 8082

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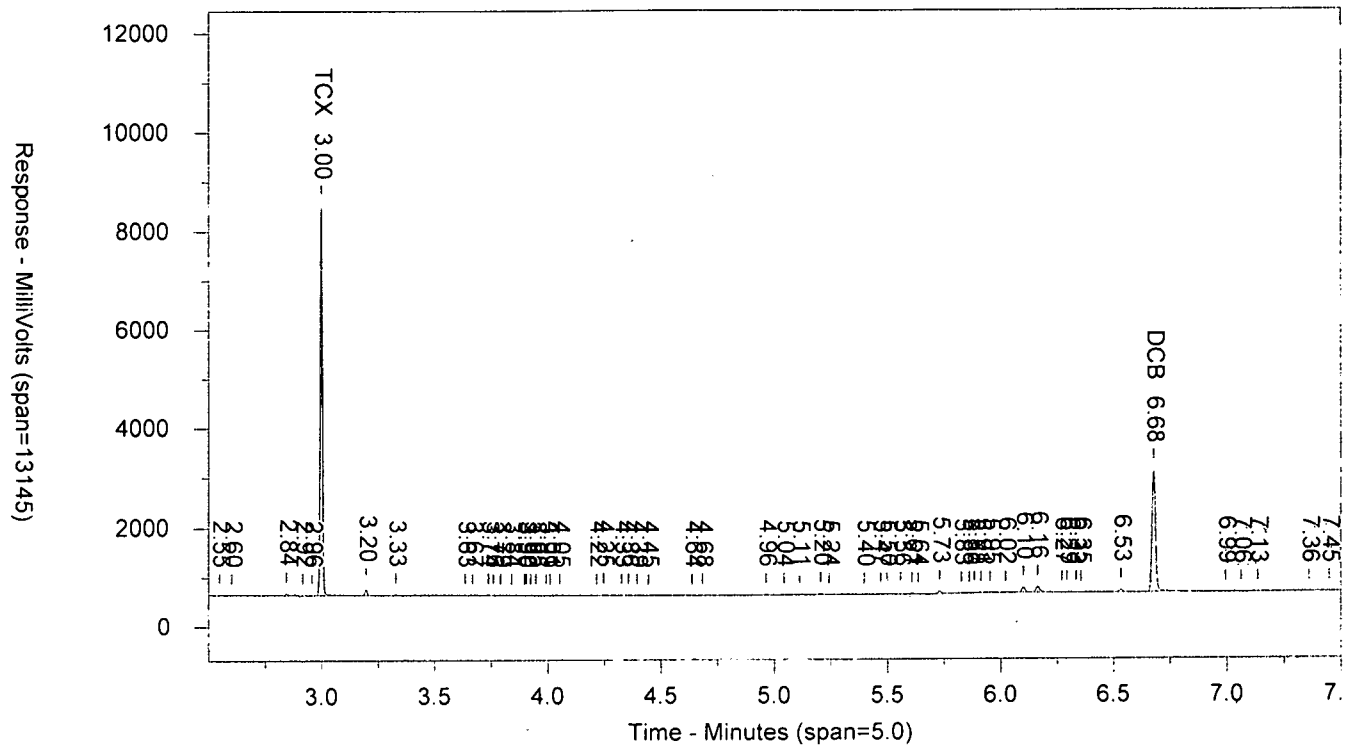

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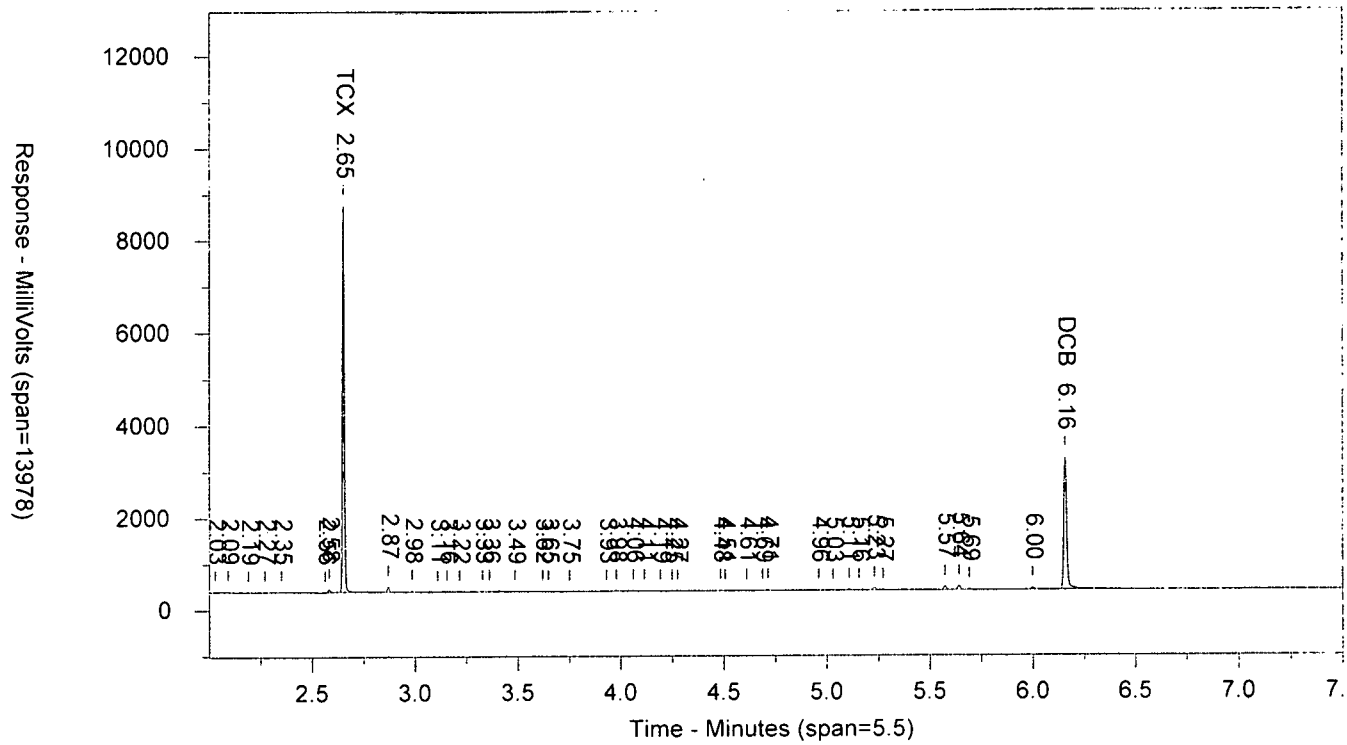

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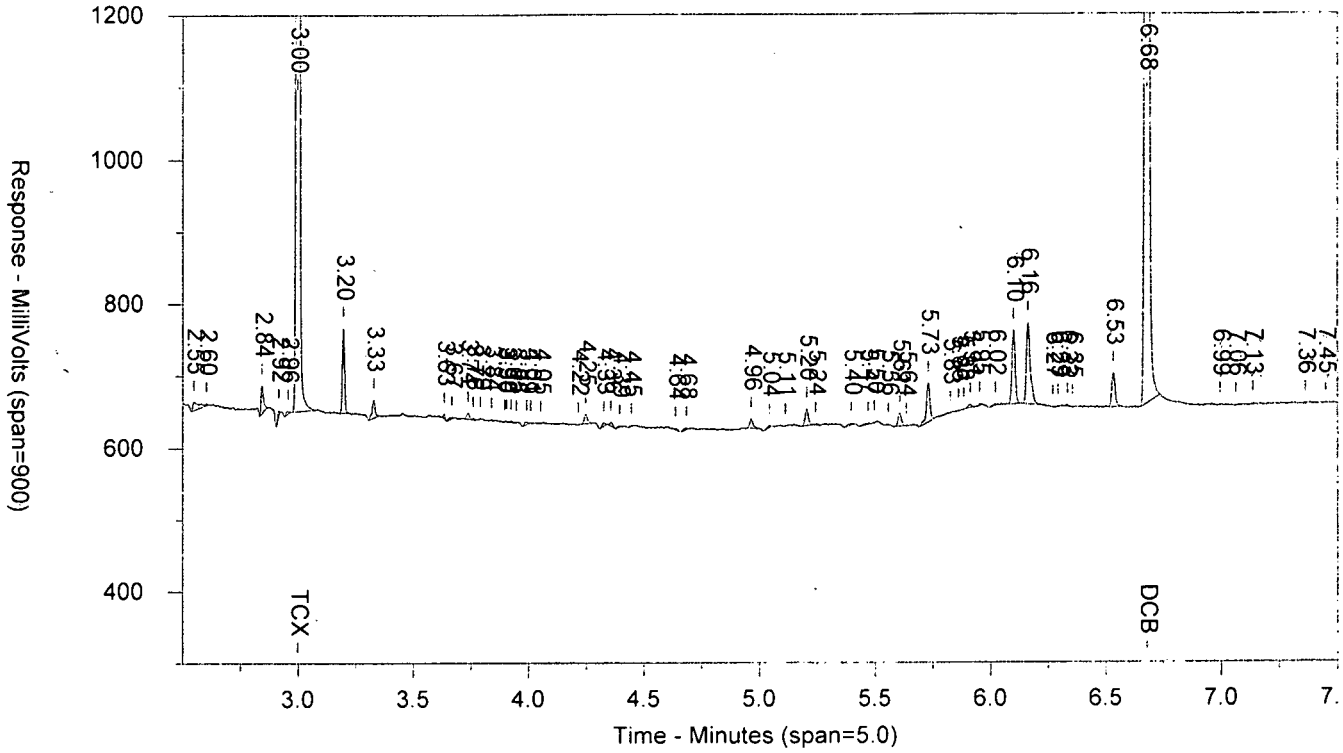

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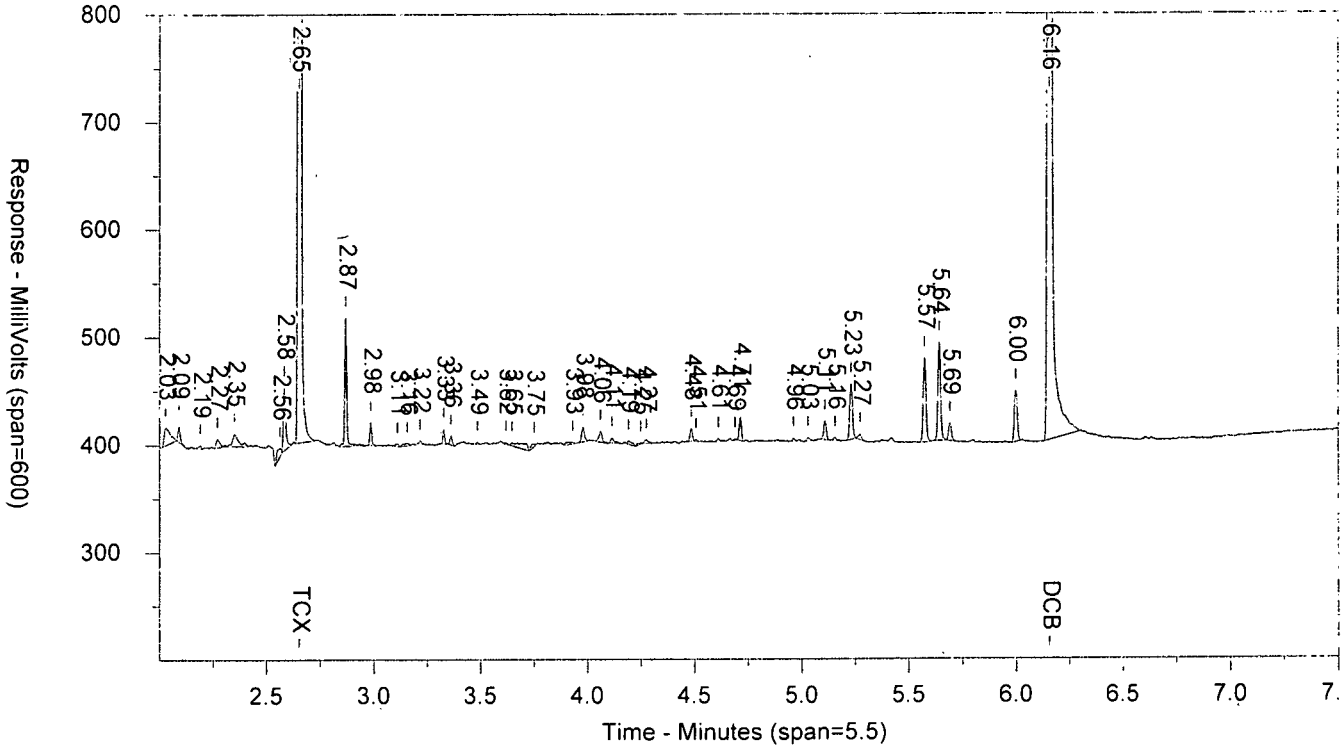


Raw QC Data

Polychlorinated Biphenyls (PCBs)

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK11256 BLK Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:33:00
Instrument	18274A
Result file	25PCBS17257004.084.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 104% (61 - 152) Conc: 31.75068
%SSR(DCB) 95% (48 - 164) Conc: 25.80973

Analysis Report (B)

Injected on	Sep 18, 2017 09:33:00
Instrument	18274B
Result file	25PCBS17257004B.084.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 105% (61 - 152) Conc: 31.95511
%SSR(DCB) 96% (48 - 164) Conc: 26.02753

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	3609043	31.75068	Tetrachloro-m-xylene	2.61	2.64	2.67	5711880	31.95511
Decachlorobiphenyl	6.61	6.64	6.67	2748412	25.80973	Decachlorobiphenyl	6.10	6.13	6.16	3930074	26.02753

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	31.95511				0.64	
Tetrachloro-m-xylene-D1	A	31.75068					
Tetrachloro-m-xylene-D2	B	31.95511					
Decachlorobiphenyl	B	26.02753				0.84	
Decachlorobiphenyl-D1	A	25.80973					
Decachlorobiphenyl-D2	B	26.02753					

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016			<51	<9.9			4	
PCB-1221			<51	<15.3			3	
PCB-1232			<51	<12.3			4	
PCB-1242			<51	<12.3			4	
PCB-1248			<51	<9.9			4	
PCB-1254			<51	<13.2			4	
PCB-1260			<51	<11.7			4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs			<51	<9.9				

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:34:59

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:33:00
Instrument : CP25--18274A
Result file : 25PCBS17257004.084.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

%SSR(TCX) : 104% (61-152) Conc.: 31.75068
%SSR(DCB) : 95% (48-164) Conc.: 25.80973

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**33.75**	
3.19	3.21	3.23	880.8911	0.474736			1
+ 3.19	3.23	3.23	828.6751	0.446596			1
3.41	3.42	3.45	695.8711	0.372959			2
3.74	3.75	3.78	2337.114	0.79525			4
+ 3.79	3.80	3.83	308.29	0.119741			5
3.79	3.81	3.83	1299.744	0.504826			5
Height Summation:			**5213.6202**				
Amount Avg CF:			**0.536943**	Linear:			
Aroclor-1221					**3**	**162.26**	
3.09	3.11	3.13	959.9183	1.009724			1
3.14	3.16	3.18	26839.26	30.466516			2
+ 3.14	3.18	3.18	1265.552	1.436588			2
3.19	3.21	3.23	880.8911	0.334639			3
+ 3.19	3.23	3.23	828.6751	0.314802			3
Height Summation:			**28680.0694**				
Amount Avg CF:			**10.603626**	Linear:			
Aroclor-1232					**4**	**54.53**	
3.19	3.21	3.23	880.8911	0.400209			1
+ 3.19	3.23	3.23	828.6751	0.376486			1
3.40	3.42	3.44	695.8711	0.815711			2
3.73	3.75	3.77	2337.114	1.717742			4
+ 3.79	3.80	3.83	308.29	0.27277			5
3.79	3.81	3.83	1299.744	1.149993			5
Height Summation:			**5213.6202**				
Amount Avg CF:			**1.020914**	Linear:			
Aroclor-1242					**5**	**36.28**	
3.19	3.21	3.23	880.8911	0.337199			1
+ 3.19	3.23	3.23	828.6751	0.317211			1
3.41	3.42	3.45	695.8711	0.275938			2
3.74	3.75	3.78	2337.114	0.574747			4
3.80	3.81	3.84	1299.744	0.366193			5
3.99	4.03	4.03	1666.383	0.640893			6
Height Summation:			**6880.0032**				
Amount Avg CF:			**0.438994**	Linear:			
Aroclor-1248					**6**	**60.88**	
3.74	3.75	3.78	2337.114	1.892362			1
+ 3.80	3.80	3.84	308.29	0.215343			2
3.80	3.81	3.84	1299.744	0.907879			2
3.86	3.88	3.90	1949.624	0.824654			3
3.99	4.03	4.03	1666.383	0.616749			4
4.08	4.10	4.12	1490.111	0.621681			5
4.26	4.26	4.30	5720.74	2.334365			6
Height Summation:			**14463.716**				
Amount Avg CF:			**1.199615**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:33:00
Instrument : CP25--18274B
Result file : 25PCBS17257004B.084.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

%SSR(TCX) : 105% (61-152) Conc.: 31.95511
%SSR(DCB) : 96% (48-164) Conc.: 26.02753

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**114.98**	
2.91	2.93	2.95	3692.931	1.251577			1
+ 3.11	3.12	3.15	1747.8	0.719385			2
3.11	3.14	3.15	3897.01	1.603987			2
+ 3.23	3.23	3.27	1300.622	0.371918			3
3.23	3.27	3.27	24436.01	6.98758			3
3.43	3.43	3.47	2455.468	0.670844			4
3.54	3.56	3.58	2608.016	0.981061			6
Height Summation:			**37089.435**				
Amount Avg CF:			**2.29901**	Linear:			
Aroclor-1221					**2**	**136.11**	
2.85	2.86	2.89	47209.24	46.788184			2
2.91	2.93	2.95	3692.931	0.895278			3
Height Summation:			**50902.171**				
Amount Avg CF:			**23.841731**	Linear:			
Aroclor-1232					**5**	**125.67**	
2.91	2.93	2.95	3692.931	1.07673			1
+ 3.11	3.12	3.15	1747.8	1.540013			2
3.11	3.14	3.15	3897.01	3.433715			2
+ 3.23	3.23	3.27	1300.622	0.819589			3
3.23	3.27	3.27	24436.01	15.398395			3
3.43	3.43	3.47	2455.468	1.466785			4
3.53	3.56	3.57	2608.016	2.524918			6
Height Summation:			**37089.435**				
Amount Avg CF:			**4.780109**	Linear:			
Aroclor-1242					**5**	**110.96**	
2.91	2.93	2.95	3692.931	0.918468			1
+ 3.11	3.12	3.15	1747.8	0.61417			2
3.11	3.14	3.15	3897.01	1.369395			2
+ 3.23	3.23	3.27	1300.622	0.27527			3
3.23	3.27	3.27	24436.01	5.171763			3
3.43	3.43	3.47	2455.468	0.49539			4
3.54	3.56	3.58	2608.016	0.78524			6
Height Summation:			**37089.435**				
Amount Avg CF:			**1.748051**	Linear:			
Aroclor-1248					**5**	**41.56**	
3.43	3.43	3.47	2455.468	1.672607			1
3.54	3.56	3.58	2608.016	0.695777			3
3.66	3.67	3.70	3139.467	0.675468			4
3.75	3.77	3.79	3041.394	0.956534			5
3.89	3.91	3.93	5172.636	0.891851			6
Height Summation:			**16416.981**				
Amount Avg CF:			**0.978447**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:33:00
Instrument : CP25--18274A
Result file : 25PCBS17257004.084.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	66.58	
4.24	4.26	4.28	5720.74	2.156003			1
4.39	4.41	4.43	1035.015	0.891021			2
4.65	4.66	4.68	12714.45	2.016064			3
4.86	4.88	4.90	13074.22	2.842812			4
5.06	5.08	5.10	11193.5	3.124141			5
5.17	5.19	5.21	32988.53	6.60626			6
Height Summation:			**79726.455**				
Amount Avg CF:			**2.939383**	Linear:			
Aroclor-1260					6	21.51	
4.97	4.99	5.01	20763.69	3.564056			1
5.17	5.19	5.21	32988.53	4.581131			2
5.24	5.26	5.28	10113.41	2.90336			3
5.40	5.42	5.44	11193.74	3.039758			4
5.64	5.66	5.68	40634.09	3.973029			5
5.84	5.86	5.88	31234.29	4.954534			6
Height Summation:			**146927.75**				
Amount Avg CF:			**3.835978**	Linear:			
Aroclor-1262					6	40.20	
5.25	5.26	5.29	10113.41	1.737054			1
5.41	5.42	5.45	11193.74	2.175443			2
5.64	5.66	5.68	40634.09	3.140035			3
+ 5.64	5.68	5.68	2706.984	0.209185			3
5.85	5.86	5.89	31234.29	4.01358			4
5.90	5.92	5.94	4824.648	1.260972			5
6.27	6.29	6.31	15337.04	3.276608			6
Height Summation:			**113337.218**				
Amount Avg CF:			**2.600616**	Linear:			
Aroclor-1268					6	91.18	
5.84	5.86	5.88	31234.29	2.213918			1
5.90	5.92	5.94	4824.648	0.390366			2
6.03	6.05	6.07	17571.74	1.490835			3
6.10	6.12	6.14	18889.63	6.114813			4
6.27	6.29	6.31	15337.04	2.963317			5
6.47	6.49	6.51	25322.68	0.64411			6
Height Summation:			**113180.028**				
Amount Avg CF:			**2.302893**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:33:00
Instrument : CP25--18274B
Result file : 25PCBS17257004B.084.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	55.07	
4.25	4.27	4.29	21096.84	2.383111			1
4.34	4.36	4.38	20621.28	4.958291			2
4.41	4.43	4.45	18516.09	3.025248			3
4.48	4.50	4.51	32965.02	9.013099			4
4.63	4.65	4.67	11312.77	2.630763			5
4.71	4.73	4.75	43478.07	6.386723			6
Height Summation:			**147990.07**				
Amount Avg CF:			**4.732873**	Linear:			
Aroclor-1260					6	19.83	
4.47	4.50	4.51	32965.02	3.966305			1
4.58	4.60	4.62	20633.95	3.129837			2
4.71	4.73	4.75	43478.07	5.410394			3
4.93	4.95	4.97	19101.77	3.463451			4
5.12	5.14	5.16	55544.35	4.282396			5
5.38	5.40	5.42	41709.32	4.627844			6
Height Summation:			**213432.48**				
Amount Avg CF:			**4.146705**	Linear:			
Aroclor-1262					6	36.11	
4.74	4.76	4.78	11628.95	1.439855			1
4.93	4.95	4.97	19101.77	2.370199			2
+ 4.93	4.97	4.97	9831.45	1.219913			2
5.12	5.14	5.16	55544.35	3.256605			3
5.34	5.35	5.38	11090.01	1.692844			4
5.38	5.40	5.42	41709.32	3.648014			5
5.76	5.77	5.80	22314.64	3.53151			6
Height Summation:			**161389.04**				
Amount Avg CF:			**2.656504**	Linear:			
Aroclor-1268					6	76.91	
5.33	5.35	5.37	11090.01	0.581121			1
5.38	5.40	5.42	41709.32	2.227322			2
5.53	5.55	5.57	27387.89	1.745141			3
5.60	5.62	5.64	21291.11	5.198606			4
5.75	5.77	5.79	22314.64	3.150982			5
5.95	5.97	5.99	38221.34	0.652961			6
Height Summation:			**162014.31**				
Amount Avg CF:			**2.259355**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			51	9.9		** 124.27	4	40	
Aroclor-1221			51	15.3		** 76.86	3	5	
Aroclor-1232			51	12.3		** 129.60	4	10	
Aroclor-1242			51	12.3		** 119.71	4	30	
Aroclor-1248			51	9.9		20.31	4	40	
Aroclor-1254			51	13.2		** 46.75	4	40	
Aroclor-1260			51	11.7		7.79	4	40	
Aroclor-1262			51	9.9		2.13	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 09:33:00
Instrument	: CP25--18274A
Result file	: 25PCBS17257004.084.RAW
Calibration file	: 25PCBS1725702.CAL
Method file	: 25PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 09:33:00
Instrument	: CP25--18274B
Result file	: 25PCBS17257004B.084.RAW
Calibration file	: 25PCBS1725702B.CAL
Method file	: 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1268			51	9.9		1.91	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:33:00 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.084.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.028		9326	5900
2.042		5971	3905
2.069		8689	10622
2.12		8056	9753
2.141		5239	3042
2.166		217416	161067
2.217		1360	584
2.231		8742	4769
2.259		10490	13958
2.32		3294	3258
2.358		8072	9076
2.399		3243	2661
2.424		296019	193445
2.473		1810	1088
2.489		2634	1349
2.51		11481	12914
2.576		8463	10189
2.62		1075	1079
2.641		932	1017
2.678		2524	1507
2.713		13058	7473
2.734		5776	3300
2.774		202535	154697
2.812		2945	2597
2.885		1299	672
2.902		7306	6848
2.959	TCX	3609043	2477049
3.019		1487	861
3.107		960	634
3.156		26839	21299
3.18		1266	1076
3.212		881	503
3.227		829	310
3.243		2737	1565
3.263		1741	1134
3.288		10720	9290
3.356		447	370
3.388		779	548
3.417		696	516
3.45		1582	2440
3.5		2957	1790
3.517		6755	5022
3.594		847	1031
3.622		16016	13129
3.665		1867	1240
3.687		13538	8689
3.712		964	677
3.747		2337	2409
3.796		308	228
3.809		1300	1372
3.845		856	635
3.884		1950	1584
3.916		1422	1313
3.957		2044	1809

RT A	Compound A	Height A	Area A
4.028		1666	1677
4.067		1752	1508
4.098		1490	1007
4.123		1947	1361
4.174		1217	938
4.259		5721	6970
4.3		3882	4859
4.372		988	1014
4.415		4035	5046
4.448		3555	3230
4.489		726	496
4.515		494	327
4.551		2337	2462
4.603		3519	3408
4.665		12714	10873
4.694		253	135
4.714		3072	3374
4.751		1532	943
4.791		10895	11123
4.839		1082	952
4.877		13074	13814
4.936		5237	5957
4.988		20764	28733
5.038		2100	1633
5.076		11194	12870
5.124		1094	645
5.156		4417	5357
5.193		32989	33583
5.261		10113	9525
5.302		6690	6564
5.356		1748	2075
5.398		5824	4525
5.421		11194	9362
5.477		7598	7605
5.516		4106	3993
5.557		1754	1877
5.598		6439	6504
5.656		40634	35721
5.68		2707	2135
5.758		1817	1811
5.811		551	551
5.861		31234	28005
5.89		2364	1543
5.916		4825	5285
5.948		355	178
6.003		245	1018
6.052		17572	18192
6.115		18890	26853
6.172		1226	1215
6.2		469	188
6.232		731	1111
6.285		15337	14326
6.322		3253	4028
6.416		679	907
6.449		469	513
6.489		25323	27752
6.545		1339	1741
6.639	DCB	2748412	2875235
6.797		2300	5906
6.885		2019	1958
6.919		5240	6899
6.986		992	1258

LANCASTER LABORATORIES

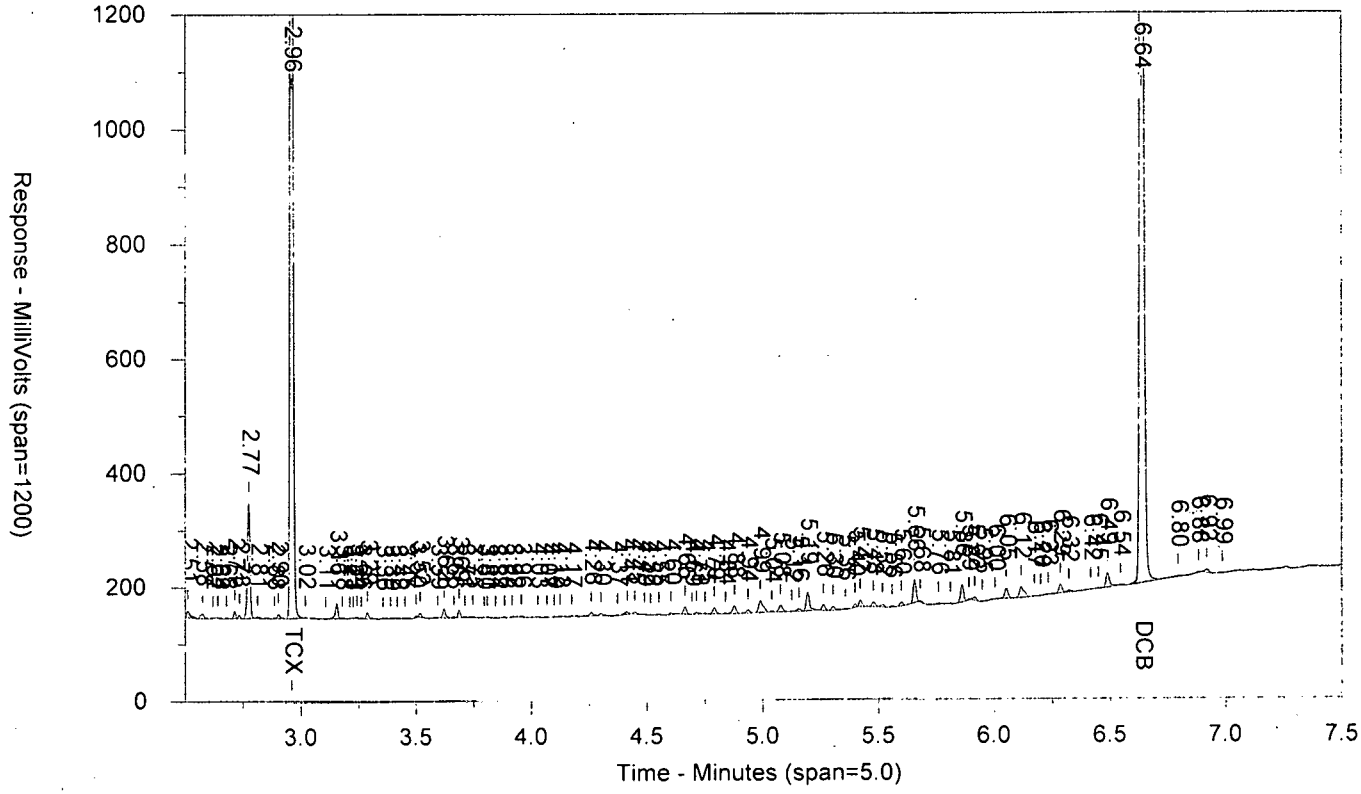
Sample Number: BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:33:00 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 25PCBS17257004B.084.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.017		25652	31254
2.062		5942	4522
2.082		8192	3714
2.122		2484	2200
2.143		438498	260413
2.166		10029	5268
2.212		6375	3955
2.24		8258	8626
2.297		2377	1212
2.311		10068	6813
2.341		3537	2601
2.365		1653	916
2.381		2761	1346
2.419		9798	7473
2.461		91279	55441
2.487		270102	154365
2.526		24670	13466
2.578		4875	4317
2.617		12000	6945
2.642	TCX	5711881	3347243
2.733		2165	2658
2.761		7807	4856
2.788		2777	2279
2.839		2293	1800
2.859		47209	27508
2.928		3693	2853
2.948		5945	3715
2.975		12665	10239
3.021		4732	3450
3.052		4299	3739
3.083		347	274
3.095		4016	2822
3.118		1748	763
3.139		3897	2641
3.172		7965	6809
3.194		1754	781
3.21		10347	7031
3.234		1301	388
3.271		24436	16835
3.304		1285	833
3.347		21078	14809
3.387		4315	3146
3.405		1780	1393
3.433		2455	2268
3.485		2633	1616
3.559		2608	2837
3.634		1947	1715
3.668		3139	4495
3.704		5972	4429
3.77		3041	6907
3.832		1796	1217
3.859		5057	3584
3.907		5173	3037
3.931		4252	2771

RT B	Compound B	Height B	Area B
3.971		3533	2231
4.006		9033	6036
4.038		5821	8923
4.152		5833	5888
4.185		2082	1673
4.205		4363	2990
4.242		3282	2262
4.267		21097	19076
4.309		3582	3216
4.359		20621	20088
4.397		3187	2359
4.428		18516	13044
4.454		5391	4248
4.496		32065	27101
4.596		20634	24438
4.648		11313	9128
4.688		8851	10309
4.726		43478	37439
4.757		11629	8089
4.796		9892	8116
4.91		2430	1754
4.946		19102	14731
4.972		9831	7488
5.021		12352	12166
5.057		6450	5080
5.086		5869	5467
5.117		5517	3472
5.139		55544	46527
5.212		9189	7668
5.353		11090	9618
5.397		41709	42913
5.497		1699	3471
5.552		27388	22948
5.62		21291	16887
5.667		9416	7425
5.699		5804	4775
5.774		22315	22232
5.881		2106	3366
5.972		38221	33123
6.131	DCB	3930075	3410528
6.261		6616	18229
6.401		1942	3104
6.524		5030	19648
6.756		1569	1370
6.811		2117	3472

BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP25\25PCBS17257004.084.RAW



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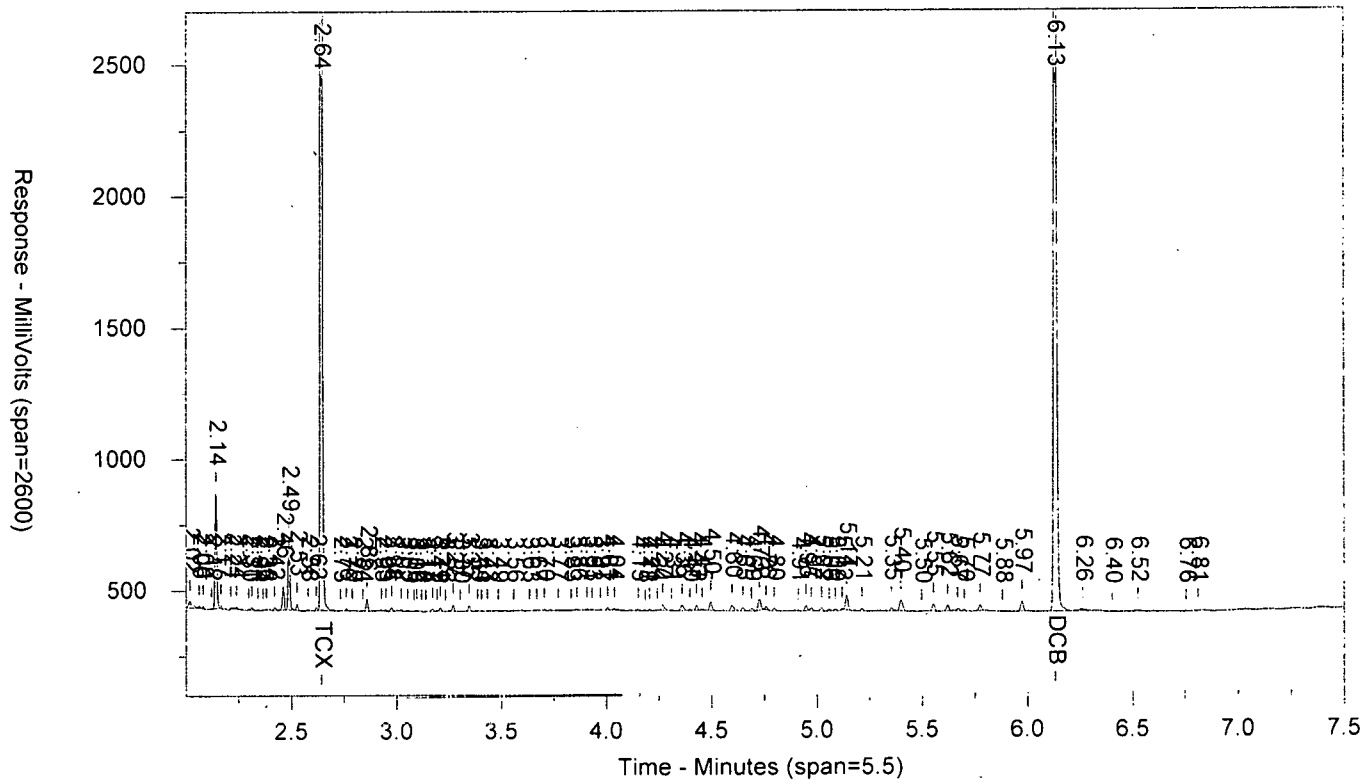

LANCASTER LABORATORIES

Sample Number: BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:33:00 AM Sample Weight: 10
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.959	3609043	31.751	TCX	2.642	5711881	31.955	TCX
6.639	2748412	25.81	DCB	6.131	3930075	26.028	DCB

Files:
Area File: 25PCBS17257004.084.RAW
Area File: 25PCBS17257004B.084.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 10:04:37 AM
File Reported On: 9/18/2017 at 10:13:50 AM

BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 808

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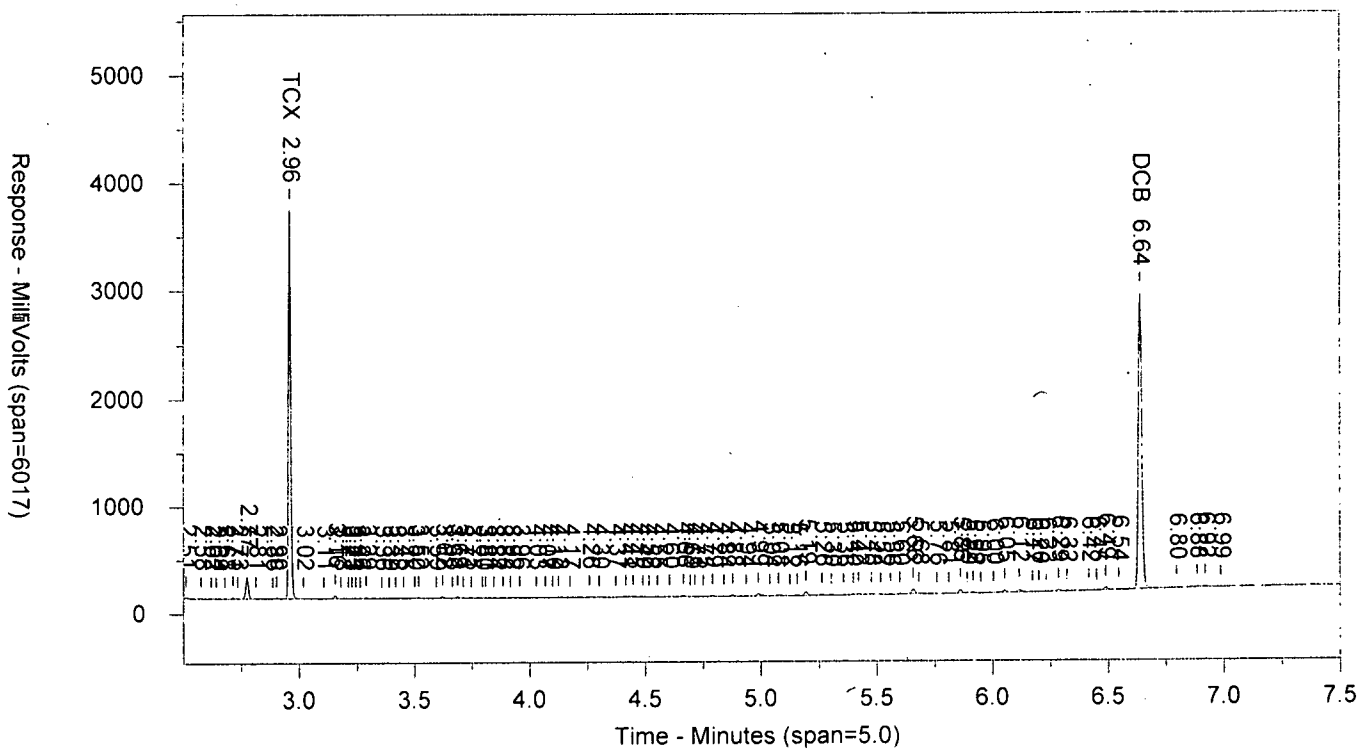

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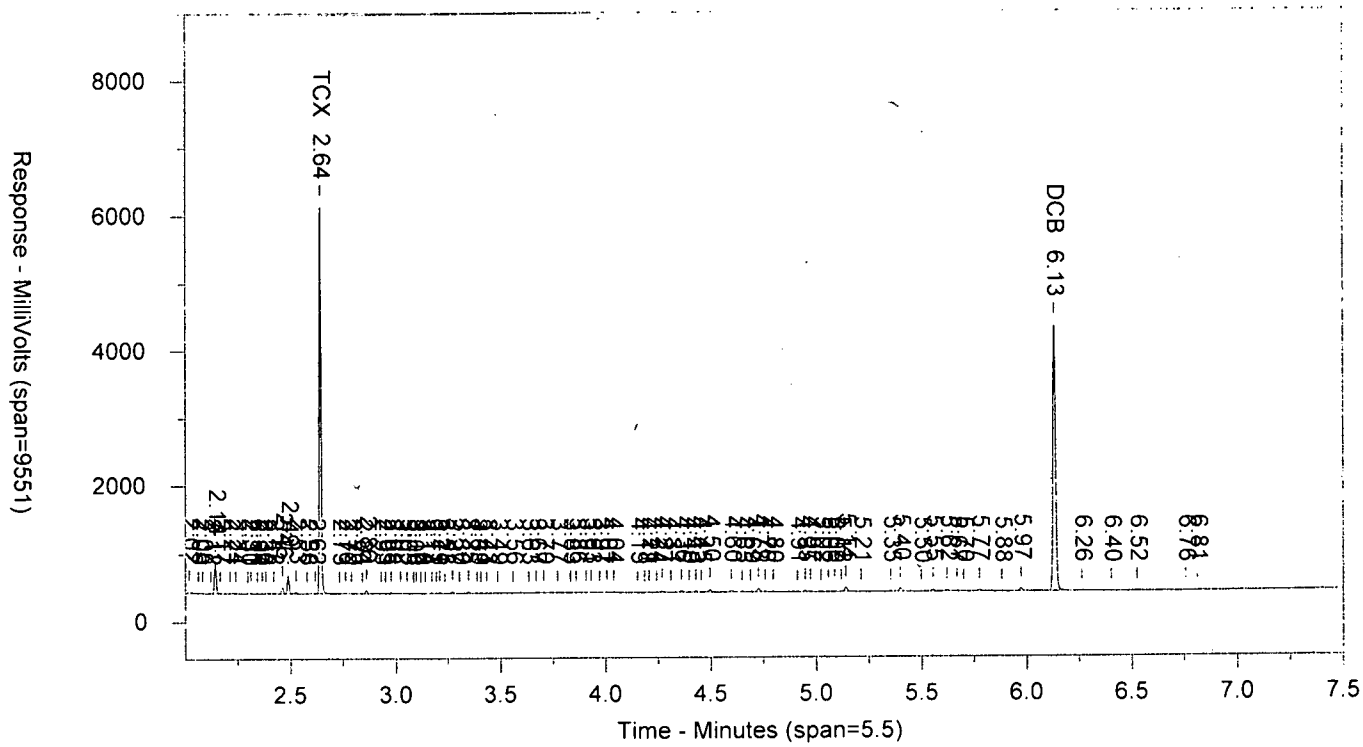

BLANKA 9/13/17 ACF ABPBLK11256 BLK 172560011A 10225 SW-846 80

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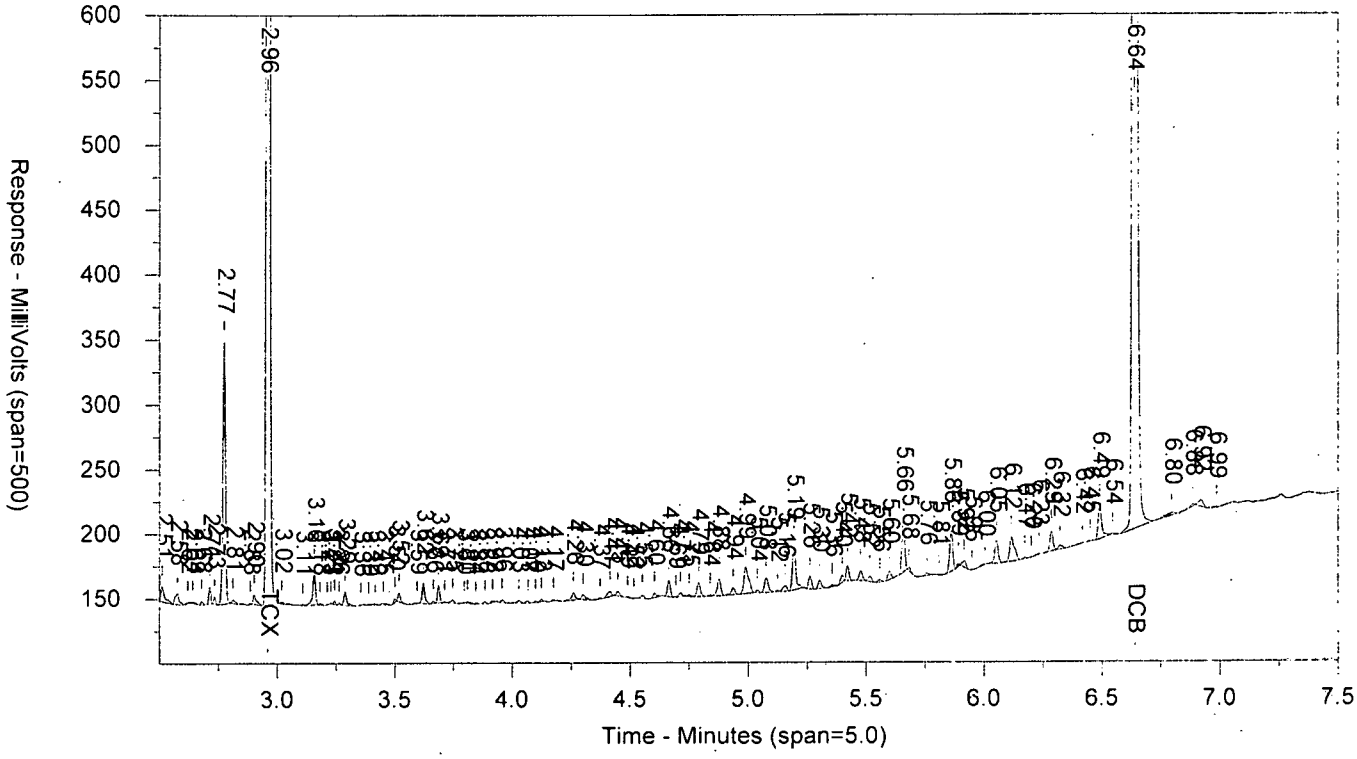

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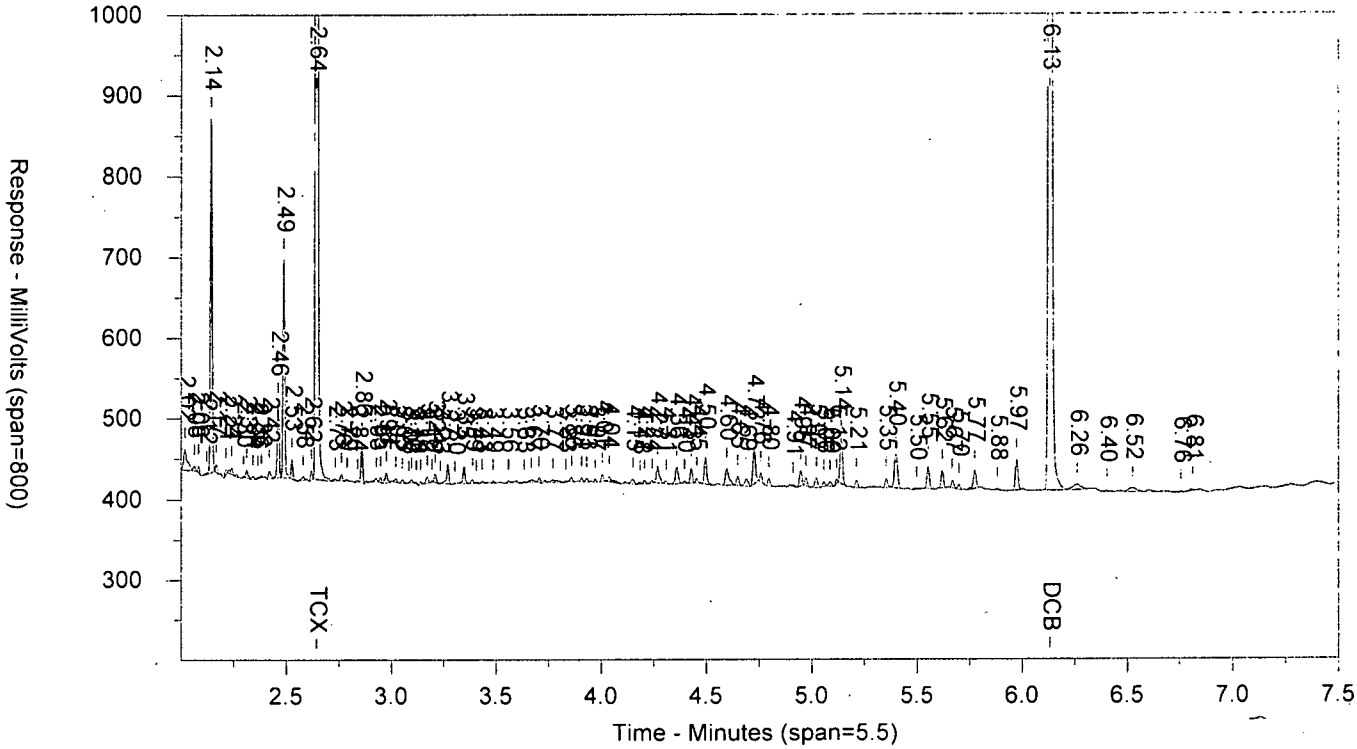

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Data Summary

Sample Name: LCSA 9/13/17 ACF LCS11256 LCS Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:44:48
Instrument	18274A
Result file	25PCBS17257004.085.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

%SSR(TCX) 97% (61 - 152) Conc: 29.71989
%SSR(DCB) 94% (48 - 164) Conc: 25.54181

Analysis Report (B)

Injected on	Sep 18, 2017 09:44:48
Instrument	18274B
Result file	25PCBS17257004B.085.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

%SSR(TCX) 97% (61 - 152) Conc: 29.77145
%SSR(DCB) 102% (48 - 164) Conc: 27.61516

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.93	2.96	2.99	3378206	29.71989
Decachlorobiphenyl	6.61	6.64	6.67	2719882	25.54181

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.61	2.64	2.67	5321558	29.77145
Decachlorobiphenyl	6.10	6.13	6.16	4169802	27.61516

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐ Tetrachloro-m-xylene	B	29.77145				0.17	
☐ Tetrachloro-m-xylene-D1	A	29.71989					
☐ Tetrachloro-m-xylene-D2	B	29.77145					
☐ Decachlorobiphenyl	B	27.61516				7.80	
☐ Decachlorobiphenyl-D1	A	25.54181					
☐ Decachlorobiphenyl-D2	B	27.61516					

Multiple Component Data

Aroclor-1016 (%RSD 4.39)

Min	RT	Max	Height	Amount	Pks	Peak
3.19	3.21	3.23	816859.6	440.228069		1
3.41	3.43	3.45	824368.1	441.828676		2
3.52	3.54	3.56	1061478	452.395614		3
3.74	3.76	3.78	1377958	468.878155		4
3.79	3.82	3.83	1272686	494.316396		5
3.99	4.01	4.03	880555.1	461.911431		6

Height summation: **6233904.8**
Concentration CF: **459.92639** L:

Aroclor-1016 (%RSD 4.15)

Min	RT	Max	Height	Amount	Pks	Peak
2.91	2.92	2.95	1281994	434.482538		1
3.11	3.13	3.15	1077028	443.298645		2
3.23	3.25	3.27	1587144	453.850491		3
3.43	3.45	3.47	1736334	474.373463		4
3.50	3.52	3.54	1886961	481.764124		5
3.54	3.56	3.58	1257596	473.071726		6

Height summation: **8827057**
Concentration CF: **460.140165** L:

Aroclor-1260 (%RSD 6.00)

Min	RT	Max	Height	Amount	Pks	Peak
4.97	4.99	5.01	2838526	487.228728		1
5.17	5.20	5.21	3646520	506.393724		2
5.24	5.26	5.28	1497366	429.864104		3
5.40	5.43	5.44	1670714	453.696958		4
5.64	5.66	5.68	4671708	456.779823		5
5.84	5.86	5.88	2831893	449.208539		6

Height summation: **17156727**
Concentration CF: **463.861979** L:

Aroclor-1260 (%RSD 8.25)

Min	RT	Max	Height	Amount	Pks	Peak
4.47	4.50	4.51	4226620	508.540969		1
4.58	4.60	4.62	3328380	504.861572		2
4.71	4.73	4.75	4569402	568.614593		3
4.93	4.95	4.97	2442234	442.815426		4
5.12	5.14	5.16	6216504	479.284294		5
5.38	5.40	5.42	4485630	497.701613		6

Height summation: **25268770**
Concentration CF: **500.303078** L:

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:02

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Data Summary

Sample Name: LCSA 9/13/17 ACF LCS11256 LCS Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 09:44:48
Instrument	18274A
Result file	25PCBS17257004.085.RAW
Calibration file	25PCBS1725702
Method file	25PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 09:44:48
Instrument	18274B
Result file	25PCBS17257004B.085.RAW
Calibration file	25PCBS1725702B
Method file	25PCBSB

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☐ PCB-1016	B	460.140165	51	9.9		0.05	4	
☐ PCB-1221			<51	<15.3			3	
☐ PCB-1232			<51	<12.3			4	
☐ PCB-1242			<51	<12.3			4	
☐ PCB-1248			<51	<9.9			4	
☐ PCB-1254			<51	<13.2			4	
☐ PCB-1260	B	500.303078	51	11.7		7.56	4	
☐ PCB-1262			<51	<9.9			4	
☐ PCB-1268			<51	<9.9			4	
☐ Total PCBs	A	960.443242	51	9.9				

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:35:02

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:44:48
Instrument : CP25--18274A
Result file : 25PCBS17257004.085.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**4.39**	
3.19	3.21	3.23	816859.6	440.228069			1
3.41	3.43	3.45	824368.1	441.828676			2
3.52	3.54	3.56	1061478	452.395614			3
3.74	3.76	3.78	1377958	468.878155			4
3.79	3.82	3.83	1272686	494.316396			5
3.99	4.01	4.03	880555.1	461.911431			6
Height Summation:			**6233904.8**				
Amount Avg CF:			**459.92639**	Linear:			
Aroclor-1221					**3**	**41.42**	
3.09	3.11	3.13	125725.2	132.248462			1
E 3.14	3.16	3.18	181158.6	205.641712			2
E 3.19	3.21	3.23	816859.6	310.31382			3
Height Summation:			**1123743.4**				
Amount Avg CF:			**216.067998**	Linear:			
Aroclor-1232					**6**	**30.29**	
E 3.19	3.21	3.23	816859.6	371.118178			1
E 3.40	3.43	3.44	824368.1	966.336745			2
E 3.52	3.54	3.56	1061478	969.068656			3
E 3.73	3.76	3.77	1377958	1012.777496			4
E 3.79	3.82	3.83	1272686	1126.052221			5
E 3.99	4.01	4.03	880555.1	1112.156404			6
Height Summation:			**6233904.8**				
Amount Avg CF:			**926.251617**	Linear:			
Aroclor-1242					**6**	**4.55**	
E 3.19	3.21	3.23	816859.6	312.687894			1
E 3.41	3.43	3.45	824368.1	326.892164			2
+ 3.41	3.45	3.45	386400.6	153.221999			2
E 3.52	3.54	3.56	1061478	331.684407			3
E 3.74	3.76	3.78	1377958	338.869768			4
E 3.80	3.82	3.84	1272686	358.569257			5
E 3.99	4.01	4.03	880555.1	338.662664			6
Height Summation:			**6233904.8**				
Amount Avg CF:			**334.561026**	Linear:			
Aroclor-1248					**6**	**59.59**	
E 3.74	3.76	3.78	1377958	1115.733102			1
3.80	3.82	3.84	1272686	888.979304			2
3.86	3.89	3.90	767109.8	324.472789			3
3.99	4.01	4.03	880555.1	325.904514			4
4.08	4.10	4.12	1022444	426.567973			5
4.26	4.26	4.30	881518	359.706015			6
+ 4.26	4.28	4.30	136778.3	55.812788			6
Height Summation:			**6202270.9**				
Amount Avg CF:			**573.560616**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:44:48
Instrument : CP25--18274B
Result file : 25PCBS17257004B.085.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**4.15**	
2.91	2.92	2.95	1281994	434.482538			1
3.11	3.13	3.15	1077028	443.298645			2
+ 3.11	3.14	3.15	331148.9	136.299018			2
3.23	3.25	3.27	1587144	453.850491			3
+ 3.43	3.43	3.47	58355.23	15.942885			4
3.43	3.45	3.47	1736334	474.373463			4
3.50	3.52	3.54	1886961	481.764124			5
3.54	3.56	3.58	1257596	473.071726			6
Height Summation:			**8827057**				
Amount Avg CF:			**460.140164**	Linear:			
Aroclor-1221					**3**	**39.17**	
2.79	2.81	2.83	224471.3	132.793667			1
+ 2.85	2.86	2.89	19934.51	19.756715			2
E 2.85	2.87	2.89	249826.3	247.598115			2
E 2.91	2.92	2.95	1281994	310.79395			3
Height Summation:			**1756291.6**				
Amount Avg CF:			**230.395244**	Linear:			
Aroclor-1232					**6**	**31.15**	
E 2.91	2.92	2.95	1281994	373.784716			1
E 3.11	3.13	3.15	1077028	948.985869			2
E+ 3.11	3.14	3.15	331148.9	291.780368			2
E 3.23	3.25	3.27	1587144	1000.141631			3
+ 3.43	3.43	3.47	58355.23	34.858759			4
E 3.43	3.45	3.47	1736334	1037.206907			4
E 3.50	3.52	3.54	1886961	1087.235717			5
E 3.53	3.56	3.57	1257596	1217.525688			6
Height Summation:			**8827057**				
Amount Avg CF:			**944.146755**	Linear:			
Aroclor-1242					**6**	**6.78**	
E 2.91	2.92	2.95	1281994	318.844494			1
E 3.11	3.13	3.15	1077028	378.463625			2
+ 3.11	3.14	3.15	331148.9	116.364489			2
E 3.23	3.25	3.27	1587144	335.911312			3
+ 3.43	3.43	3.47	58355.23	11.773143			4
E 3.43	3.45	3.47	1736334	350.304642			4
E 3.50	3.52	3.54	1886961	364.288031			5
E 3.54	3.56	3.58	1257596	378.645711			6
Height Summation:			**8827057**				
Amount Avg CF:			**354.409636**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 09:44:48
Instrument : CP25--18274A
Result file : 25PCBS17257004.085.RAW
Calibration file : 25PCBS1725702.CAL
Method file : 25PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	76.90	
4.24	4.26	4.28	881518	332.221939			1
4.39	4.42	4.43	997028	220.165862			2
4.65	4.67	4.68	664627	105.38645			3
4.86	4.88	4.90	410890	89.342457			4
5.06	5.08	5.10	1305946	364.493677			5
5.17	5.20	5.21	3646520	730.249501			6
Height Summation:			**7906529**				
Amount Avg CF:			**306.976648**	Linear:			
Aroclor-1260					6	6.00	
4.97	4.99	5.01	2838526	487.228728			1
5.17	5.20	5.21	3646520	506.393724			2
5.24	5.26	5.28	1497366	429.864104			3
5.40	5.43	5.44	1670714	453.696958			4
5.64	5.66	5.68	4671708	456.779823			5
5.84	5.86	5.88	2831893	449.208539			6
Height Summation:			**17156727**				
Amount Avg CF:			**463.861979**	Linear:			
Aroclor-1262					6	30.38	
E 5.25	5.26	5.29	1497366	257.183872			1
E 5.41	5.43	5.45	1670714	324.694325			2
E 5.64	5.66	5.68	4671708	361.010377			3
E 5.85	5.86	5.89	2831893	363.895902			4
5.90	5.92	5.94	556836.6	145.534994			5
E 6.27	6.29	6.31	1090563	232.988101			6
Height Summation:			**12319080.6**				
Amount Avg CF:			**280.884595**	Linear:			
Aroclor-1268					6	93.26	
5.84	5.86	5.88	2831893	200.727392			1
5.90	5.92	5.94	556836.6	45.054062			2
6.03	6.05	6.07	63900.79	5.421518			3
+ 6.10	6.11	6.14	53254.96	17.239306			4
6.10	6.13	6.14	421206	136.349722			4
E 6.27	6.29	6.31	1090563	210.711085			5
6.47	6.49	6.51	284394.4	7.233887			6
Height Summation:			**5248793.79**				
Amount Avg CF:			**100.916278**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 09:44:48
Instrument : CP25--18274B
Result file : 25PCBS17257004B.085.RAW
Calibration file : 25PCBS1725702B.CAL
Method file : 25PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	62.29	
+ 3.43	3.43	3.47	58355.23	39.750199			1
E 3.43	3.45	3.47	1736334	1182.749556			1
3.50	3.52	3.54	1886961	842.99521			2
3.54	3.56	3.58	1257596	335.506665			3
3.66	3.69	3.70	1613055	347.054743			4
+ 3.75	3.76	3.79	337427.8	106.12276			5
3.75	3.78	3.79	1357259	426.864863			5
+ 3.89	3.89	3.93	347969.5	59.995876			6
3.89	3.91	3.93	1817664	313.39627			6
Height Summation:			**9668869**				
Amount Avg CF:			**574.761218**	Linear:			
Aroclor-1254					6	92.92	
+ 4.25	4.25	4.29	348792.8	39.399836			1
4.25	4.28	4.29	1298152	146.64			1
4.34	4.36	4.38	3333989	801.642199			2
4.41	4.43	4.45	381706.9	62.365111			3
E 4.48	4.50	4.51	4226620	1155.617164			4
4.63	4.65	4.67	404072.6	93.966325			5
4.71	4.73	4.75	4569402	671.223579			6
Height Summation:			**14213942.5**				
Amount Avg CF:			**488.57573**	Linear:			
Aroclor-1260					6	8.25	
4.47	4.50	4.51	4226620	508.540969			1
4.58	4.60	4.62	3328380	504.861572			2
4.71	4.73	4.75	4569402	568.614593			3
4.93	4.95	4.97	2442234	442.815426			4
+ 5.12	5.12	5.16	228344.8	17.605084			5
5.12	5.14	5.16	6216504	479.284294			5
5.38	5.40	5.42	4485630	497.701613			6
Height Summation:			**25268770**				
Amount Avg CF:			**500.303078**	Linear:			
Aroclor-1262					6	28.47	
E 4.74	4.76	4.78	1898336	235.045142			1
E 4.93	4.95	4.97	2442234	303.038905			2
E 5.12	5.14	5.16	6216504	364.47808			3
5.34	5.36	5.38	1165724	177.942959			4
E 5.38	5.40	5.42	4485630	392.325794			5
E 5.76	5.78	5.80	1573895	249.084265			6
Height Summation:			**17782323**				
Amount Avg CF:			**286.985857**	Linear:			
Aroclor-1268					6	119.37	
5.33	5.36	5.37	1165724	61.084413			1
E 5.38	5.40	5.42	4485630	239.537411			2
5.53	5.55	5.57	94057.71	5.993305			3
5.60	5.62	5.64	63582.73	15.524862			4
E 5.75	5.78	5.79	1573895	222.244863			5
5.95	5.97	5.99	408839.4	6.984478			6
Height Summation:			**7791728.84**				
Amount Avg CF:			**91.894889**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS11256 Sample ID: AB **Batchnumber: 172560011A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 09:44:48
Instrument	: CP25--18274A
Result file	: 25PCBS17257004.085.RAW
Calibration file	: 25PCBS1725702.CAL
Method file	: 25PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 09:44:48
Instrument	: CP25--18274B
Result file	: 25PCBS17257004B.085.RAW
Calibration file	: 25PCBS1725702B.CAL
Method file	: 25PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						0.05	4	40	
Aroclor-1221						6.42	3	5	
Aroclor-1232						1.91	4	10	
Aroclor-1242						5.76	4	30	
Aroclor-1248						0.21	4	40	
Aroclor-1254						** 45.65	4	40	
Aroclor-1260						7.56	4	40	
Aroclor-1262						2.15	4	40	
Aroclor-1268						9.36	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:44:48 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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
Date File: 25PCBS17257004.085.RAW
Method File: 25PCBS.MET
Calibration File: 25PCBS1725702.CAL

RT A	Compound A	Height A	Area A
2.024		9938	5439
2.049		7342	5995
2.068		14603	11963
2.106		5407	3324
2.12		5263	3194
2.144		3971	2275
2.167		117723	89052
2.233		5960	3869
2.261		9099	10151
2.32		4099	4047
2.36		9497	9949
2.401		2218	1899
2.425		21906	14978
2.474		609	349
2.492		1457	845
2.519		35620	29578
2.575		3692	3909
2.597		7864	4630
2.641		7853	5904
2.687		1711	1459
2.715		44849	29081
2.775		84071	64005
2.798		1344	630
2.824		2646	2155
2.848		5747	3797
2.87		1114	459
2.886		2881	1607
2.904		1382	662
2.92		1349	1009
2.96	TCX	3378206	2312790
3.023		2040	1710
3.061		4752	4002
3.085		404	149
3.107		125725	106946
3.14		940	490
3.164		181159	138213
3.211		816860	589995
3.247		5348	2667
3.306		103827	86474
3.349		2632	2079
3.377		3206	2797
3.428		824368	502488
3.445		386401	211230
3.482		102810	60307
3.498		8357	3153
3.509		57704	31810
3.544		1061478	821178
3.581		5447	2936
3.597		4349	2301
3.62		35893	25620
3.655		236724	135896
3.67		122559	64564
3.714		482820	261069
3.724		1371169	694403

RT A	Compound A	Height A	Area A
3.761		1377958	1063461
3.819		1272686	955264
3.86		87283	62689
3.888		767110	574899
3.916		505786	434984
3.938		145724	72554
4.012		880555	646539
4.036		307832	201455
4.068		336441	241233
4.101		1022444	949862
4.142		286698	244592
4.189		46015	39202
4.228		61953	46334
4.263		881518	625485
4.28		136778	70179
4.305		258422	198257
4.375		148998	128862
4.418		997028	972601
4.452		30096	20154
4.49		1519	945
4.516		8634	7207
4.557		75195	66843
4.607		125054	90018
4.624		217009	157997
4.669		664627	636582
4.718		898680	1012836
4.755		183201	133991
4.794		2162342	2065653
4.84		9042	6243
4.88		410890	425301
4.912		19491	11716
4.94		401046	392285
4.993		2838526	3468329
5.045		459852	430496
5.083		1305946	1426274
5.125		7847	3315
5.164		235105	290220
5.197		3646520	3719359
5.238		30885	12503
5.263		1497366	1400401
5.306		948242	933974
5.361		578	402
5.4		429462	351978
5.425		1670714	1475347
5.481		878656	796849
5.52		504883	499148
5.562		80775	87017
5.602		608814	692330
5.659		4671709	4854170
5.756		5408	8712
5.811		1367	1328
5.863		2831893	2641115
5.894		162752	101498
5.919		556837	622208
6.008		1183	902
6.055		63901	68219
6.106		53255	43667
6.133		421206	417871
6.239		1487	3237
6.289		1090563	1098802
6.335		78033	75648
6.378		1436	1404
6.396		648	343
6.452		509	425
6.493		284394	302860
6.564		1102	1508

RT A	Compound A	Height A	Area A
6.644	DCB	2719882	2879589
6.807		719	545
6.867		566	1073
6.897		748	542
6.927		5343	6584
6.982		574	330

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:44:48 AM Injection Volume: 1 ul
Instrument ID: CP25-18274 Analyst: 9065
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold 5 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: 25PCBS17257004B.085.RAW
Method File: 25PCBSB.MET
Calibration File: 25PCBS1725702b.CAL

RT B	Compound B	Height B	Area B
2.017		32712	42410
2.083		9637	7065
2.123		54496	31266
2.142		39614	22148
2.167		5065	2866
2.19		4317	3056
2.212		2819	1659
2.227		2615	1162
2.242		4520	1922
2.258		4953	3845
2.296		3771	3129
2.326		15471	13627
2.388		5342	7405
2.42		6324	4917
2.46		45932	27188
2.487		114939	71526
2.526		85111	46714
2.577		5105	4346
2.597		3037	1406
2.617		4137	2011
2.641	TCX	5321559	3072435
2.685		108701	82552
2.758		5593	4137
2.812		224471	147509
2.843		2847	1351
2.859		19935	8782
2.873		249826	140794
2.925		1281994	778309
2.975		9451	6321
3.036		166782	121698
3.096		6494	4947
3.132		1077028	535758
3.143		331149	130908
3.183		200427	124089
3.205		91573	53960
3.231		150496	83670
3.254		1587144	1052775
3.291		54668	30374
3.337		426454	225924
3.353		247286	121726
3.381		2319	1167
3.404		918037	443423
3.414		2085162	914011
3.433		58355	19675
3.448		1736334	1181250
3.523		1886961	1187333
3.557		1257596	776881
3.581		1392163	1115111
3.686		1613055	1520740
3.73		545922	326779
3.759		337428	175415
3.777		1357259	821931
3.817		459862	338407
3.864		65289	51217

RT B	Compound B	Height B	Area B
3.886		347970	213132
3.908		1817664	1174208
3.934		383042	254184
3.972		213477	135780
4.008		1514388	1038770
4.042		66369	40035
4.058		108139	75174
4.118		14363	9532
4.153		106503	85675
4.21		421258	308119
4.252		348793	210380
4.283		1298152	1412317
4.31		578374	585412
4.361		3333989	2555333
4.409		48579	32207
4.431		381707	258509
4.456		734750	550394
4.498		4226621	3254204
4.601		3328380	3169208
4.655		404073	339237
4.692		899081	767031
4.728		4569402	3683284
4.76		1898336	1303607
4.799		1367345	1063694
4.87		14026	11557
4.899		451666	502086
4.95		2442234	1962566
4.974		365755	237209
5.023		1305629	1183222
5.059		649491	518330
5.088		464446	390598
5.12		228345	126915
5.142		6216504	5149940
5.183		133662	102300
5.215		205653	180236
5.295		2975	2718
5.332		65327	42567
5.355		1165724	959551
5.4		4485631	4473017
5.516		3057	2000
5.554		94058	83181
5.598		125473	98396
5.622		63583	44519
5.67		667258	604502
5.776		1573895	1312396
5.807		97072	73097
5.975		408839	377599
6.133	DCB	4169802	3533806
6.258		5320	11815
6.311		2896	2764
6.695		2675	7028

LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082

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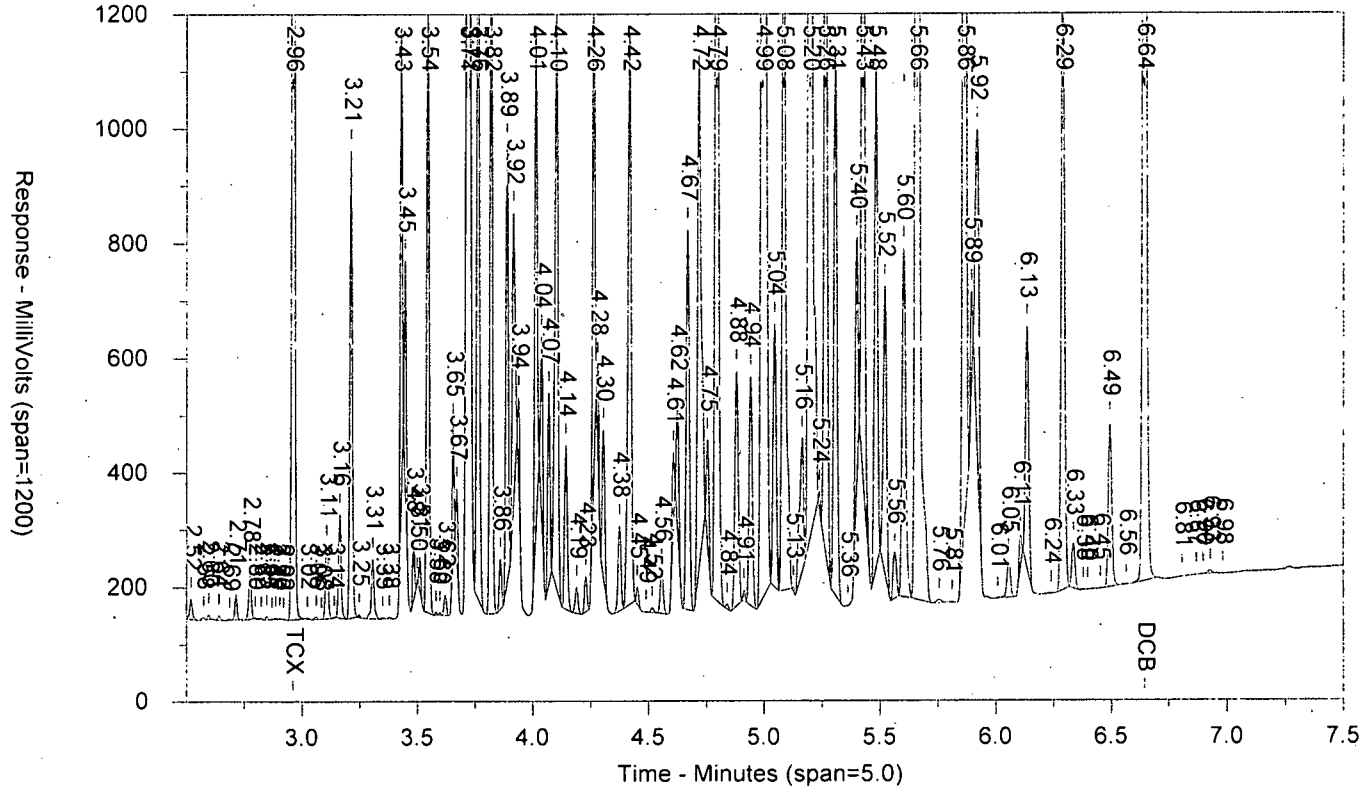

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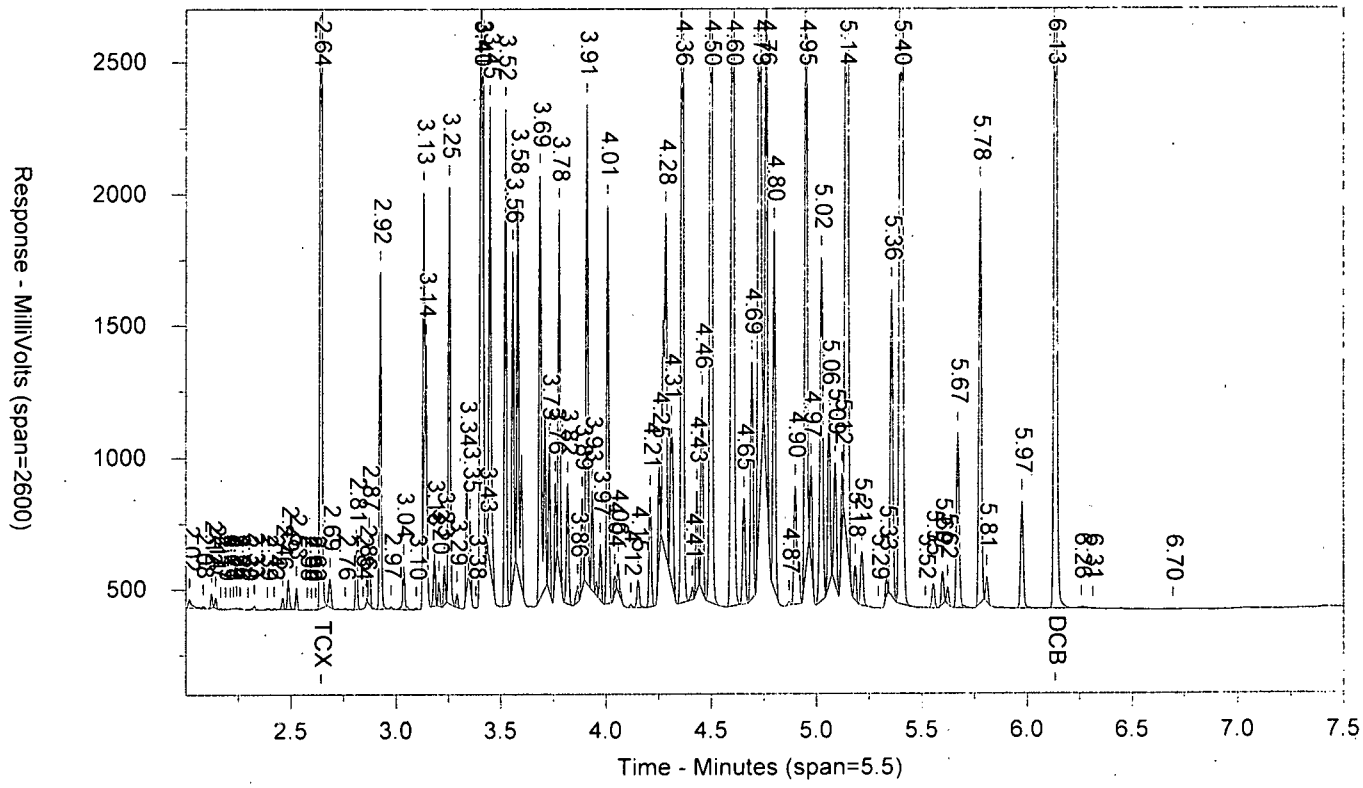

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082
Injected On: 9/18/2017 9:44:48 AM Sample Weight: 10
Instrument ID: CP25-18274 Dilution Factor: 10
Oven Parameters: 110c to 250 @ 40c/min, to 280 @ 20c/min, to 330 @ 30c/min, hold for 5 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: 3
Calibration Type: external
Quantitation: Height

Analyst: 9065

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.96	3378206	29.72	TCX	2.641	5321559	29.771	TCX
6.644	2719882	25.542	DCB	6.133	4169802	27.615	DCB

Files:
Area File: 25PCBS17257004.085.RAW
Area File: 25PCBS17257004B.085.RAW
Method A: 25PCBS.MET
Method B: 25PCBSB.MET
Calibration File A: 25PCBS1725702.CAL
Calibration File B: 25PCBS1725702b.CAL
Format A: pestD25.FMTA
Format B: pestD25.FMTB
Area File Created On: 9/18/2017 10:04:37 AM
File Reported On: 9/18/2017 at 10:14:04 AM

LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082

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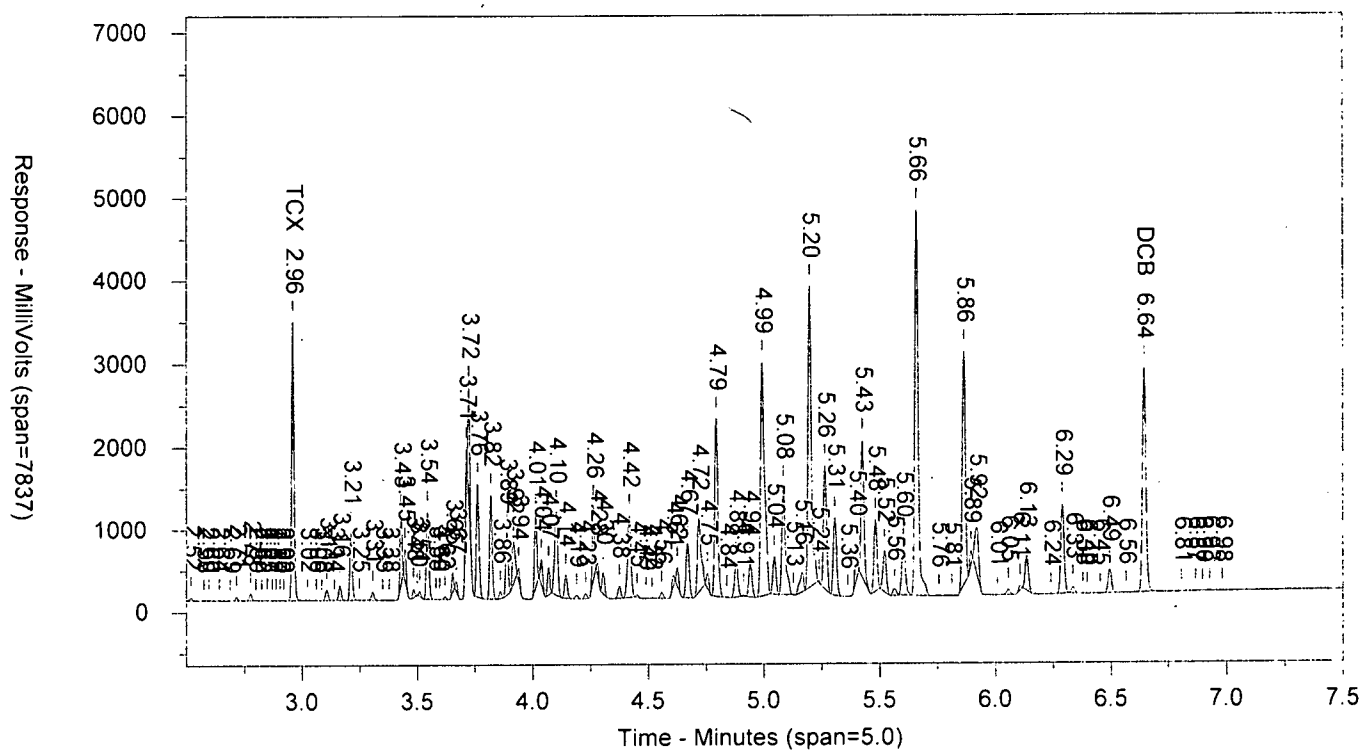

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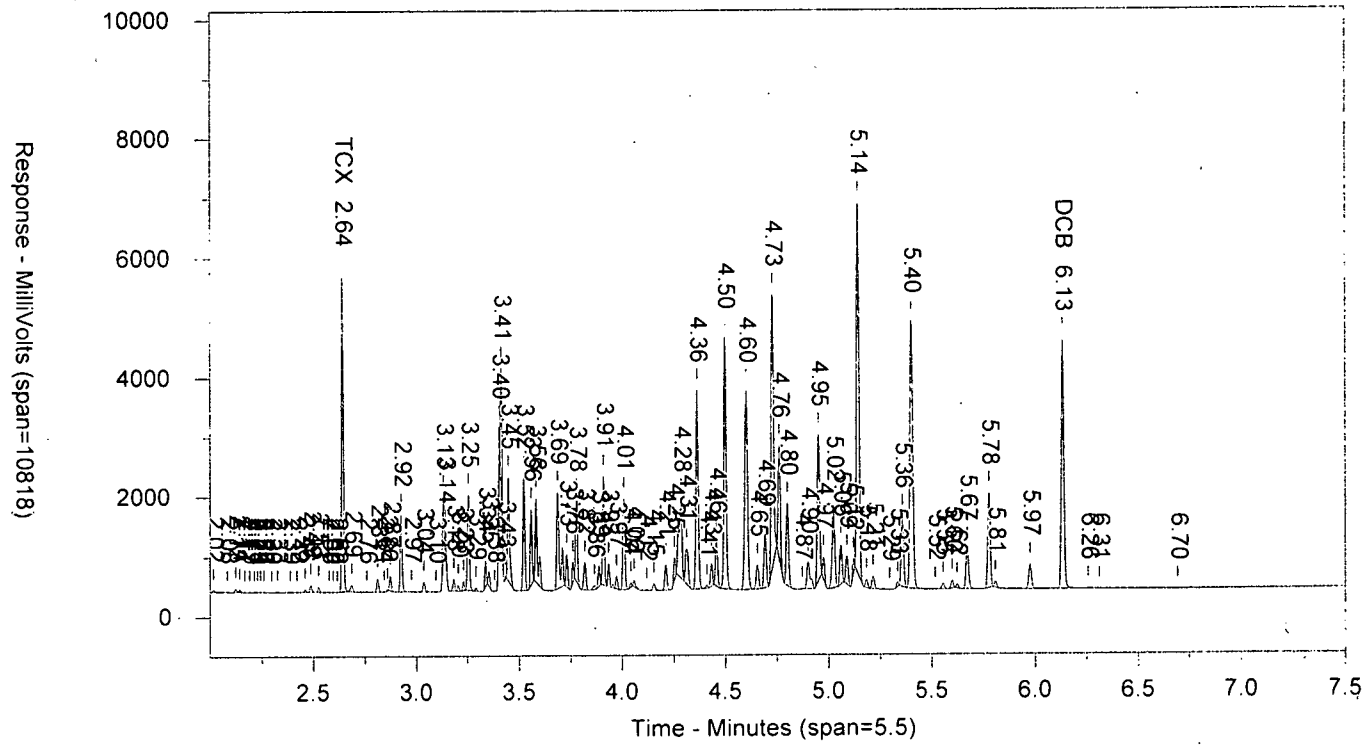

LCSA 9/13/17 ACF ABLCS11256 LCS 172560011A 10225 SW-846 8082

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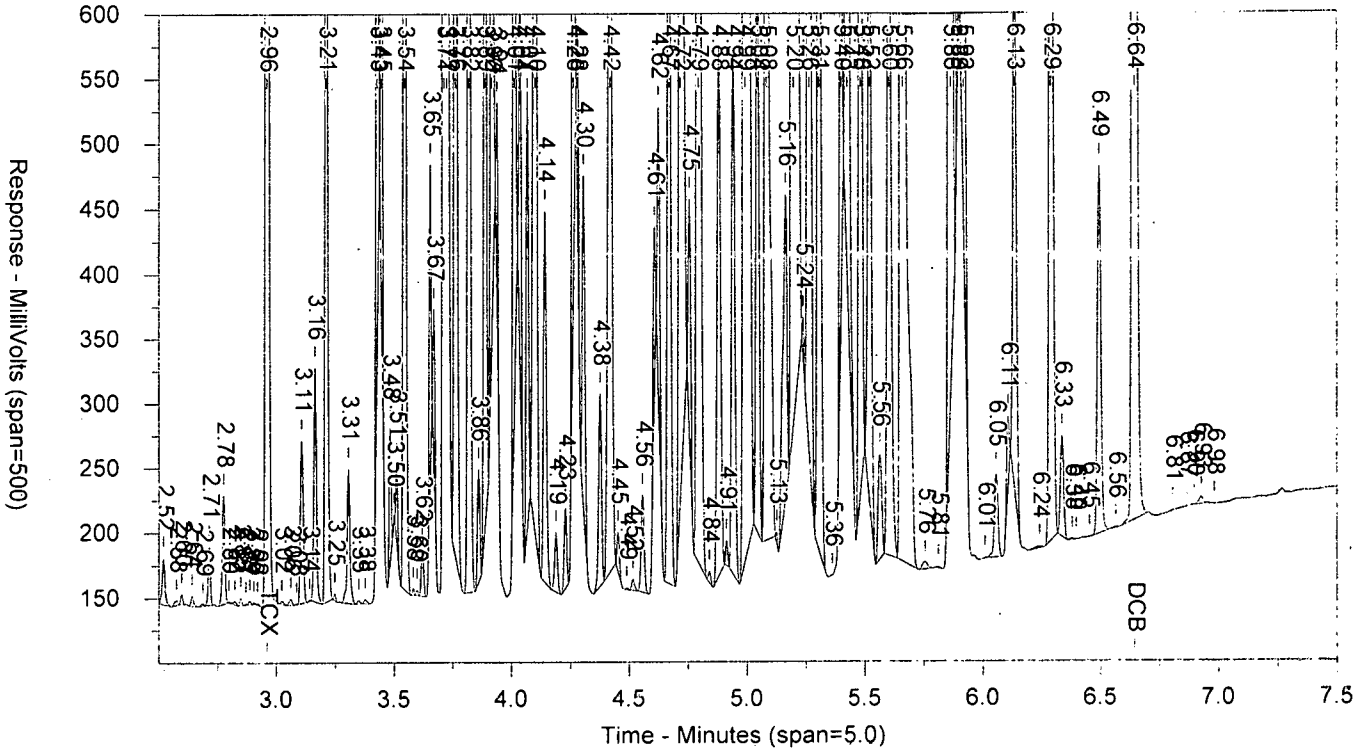

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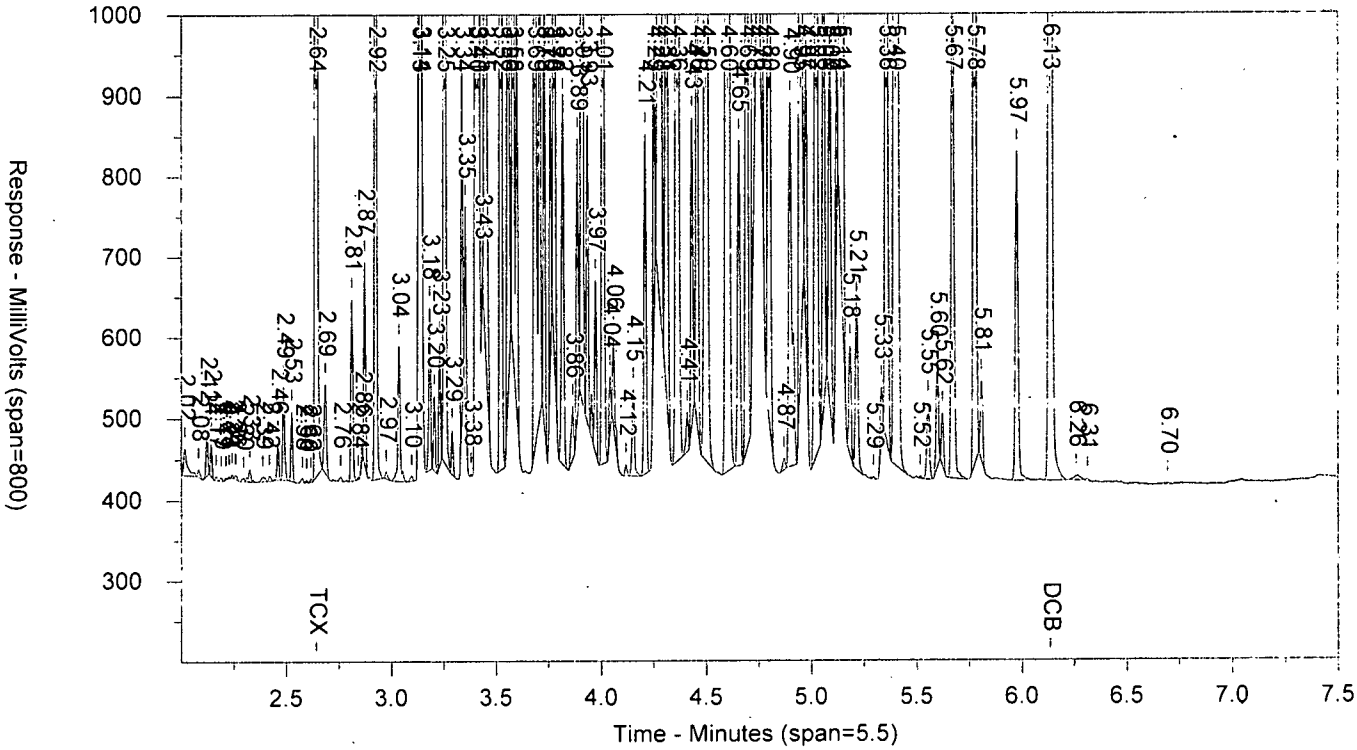

curofins

Lancaster Laboratories Environmental

Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK12256 BLK Sample ID: AB **Batchnumber: 172560012A**

Sample Amount: 10 g Total Volume: 10 ml Analyst: 2855 SDG: State:

Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 08:15:01
Instrument	19843A
Result file	07PCBS17250008.0083.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX)	100% (61 - 152)	Conc:	30.64159
%SSR(DCB)	92% (48 - 164)	Conc:	25.04398

Analysis Report (B)

Injected on	Sep 18, 2017 08:15:01
Instrument	19843B
Result file	07PCBS17250008B.0083.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX)	102% (61 - 152)	Conc:	31.04387
%SSR(DCB)	84% (48 - 164)	Conc:	22.79194

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	11597930	30.64159	Tetrachloro-m-xylene	2.62	2.65	2.68	12064350	31.04387
Decachlorobiphenyl	6.65	6.68	6.71	3380408	25.04398	Decachlorobiphenyl	6.13	6.16	6.19	3630852	22.79194

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	31.04387				1.30	
Tetrachloro-m-xylene-D1	A	30.64159					
Tetrachloro-m-xylene-D2	B	31.04387					
Decachlorobiphenyl	A	25.04398				9.42	
Decachlorobiphenyl-D1	A	25.04398					
Decachlorobiphenyl-D2	B	22.79194					

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016			<51	<9.9			4	
PCB-1221			<51	<15.3			3	
PCB-1232			<51	<12.3			4	
PCB-1242			<51	<12.3			4	
PCB-1248			<51	<9.9			4	
PCB-1254			<51	<13.2			4	
PCB-1260			<51	<11.7			4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs			<51	<9.9				

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:34

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK12256 Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:15:01
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0083.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 100% (61-152) Conc.: 30.64159
%SSR(DCB) : 92% (48-164) Conc.: 25.04398

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	77.12	
3.78	3.79	3.82	7225.174	0.78386			5
3.91	3.92	3.95	1304.131	0.230658			6
Height Summation:			8529.305				
Amount Avg CF:			0.507259	Linear:			
Aroclor-1221					1		
3.18	3.20	3.22	100539.9	36.109736			2
Height Summation:			100539.9				
Amount Avg CF:			36.109736	Linear:			
Aroclor-1232					2	66.77	
3.78	3.79	3.82	7225.174	1.59931			5
3.91	3.92	3.95	1304.131	0.573444			6
Height Summation:			8529.305				
Amount Avg CF:			1.086377	Linear:			
Aroclor-1242					2	72.89	
3.78	3.79	3.82	7225.174	0.566683			5
3.91	3.92	3.95	1304.131	0.181222			6
Height Summation:			8529.305				
Amount Avg CF:			0.373952	Linear:			
Aroclor-1248					6	116.94	
3.78	3.79	3.82	7225.174	1.590112			1
3.84	3.85	3.88	1351.843	0.279673			2
+ 3.84	3.88	3.88	1262.919	0.261276			2
3.91	3.92	3.95	1304.131	0.162035			3
4.03	4.06	4.07	1486.528	0.163569			4
4.12	4.15	4.16	1761.027	0.223811			5
4.30	4.31	4.34	3613.667	0.429967			6
Height Summation:			16742.37				
Amount Avg CF:			0.474861	Linear:			
Aroclor-1254					5	76.76	
4.29	4.31	4.32	3613.667	0.398754			1
4.69	4.71	4.73	7800.247	0.383631			3
4.91	4.93	4.95	7137.073	0.574218			4
5.11	5.12	5.15	13320.49	1.873055			5
5.23	5.25	5.27	7543.544	0.807466			6
Height Summation:			39415.021				
Amount Avg CF:			0.807425	Linear:			
Aroclor-1260					6	56.02	
4.82	4.84	4.86	3642.378	0.25026			1
5.02	5.04	5.06	3151.594	0.2206			2
5.23	5.25	5.27	7543.544	0.556466			3
5.45	5.47	5.49	2313.32	0.294683			4
5.69	5.71	5.73	2632.676	0.136944			5
5.89	5.91	5.93	7716.543	0.61378			6
Height Summation:			27000.055				
Amount Avg CF:			0.345456	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:15:01
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0083.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 102% (61-152) Conc.: 31.04387
%SSR(DCB) : 84% (48-164) Conc.: 22.79194

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					4	154.32	
2.92	2.94	2.96	3062.767	0.455386			1
3.25	3.28	3.29	64265.45	7.601155			3
3.44	3.44	3.48	5261.712	0.618238			5
3.57	3.57	3.61	3495.508	0.498635			6
Height Summation:			76085.437				
Amount Avg CF:			2.293353	Linear:			
Aroclor-1221					2	139.21	
2.86	2.87	2.90	99053.31	43.106557			2
2.92	2.94	2.96	3062.767	0.339081			3
Height Summation:			102116.077				
Amount Avg CF:			21.722819	Linear:			
Aroclor-1232					4	159.21	
2.92	2.94	2.96	3062.767	0.372221			1
3.25	3.28	3.29	64265.45	15.385556			3
3.44	3.44	3.48	5261.712	1.239067			5
3.57	3.57	3.61	3495.508	1.185992			6
Height Summation:			76085.437				
Amount Avg CF:			4.545709	Linear:			
Aroclor-1242					4	155.34	
2.92	2.94	2.96	3062.767	0.329304			1
3.25	3.28	3.29	64265.45	5.815254			3
3.44	3.44	3.48	5261.712	0.446667			5
3.57	3.57	3.61	3495.508	0.394468			6
Height Summation:			76085.437				
Amount Avg CF:			1.746423	Linear:			
Aroclor-1248					5	86.80	
3.44	3.44	3.48	5261.712	1.34985			1
3.51	3.52	3.55	1752.466	0.327956			2
3.55	3.57	3.59	3495.508	0.379875			3
3.76	3.77	3.80	2736.066	0.35765			5
3.90	3.92	3.94	3485.942	0.239546			6
Height Summation:			16731.694				
Amount Avg CF:			0.530975	Linear:			
Aroclor-1254					6	36.59	
4.20	4.22	4.24	2531.876	0.219388			1
4.26	4.28	4.30	8337.761	0.408602			2
4.35	4.37	4.39	5733.855	0.598219			3
4.42	4.44	4.46	7906.354	0.627297			4
4.64	4.66	4.68	3319.866	0.374134			5
4.72	4.74	4.76	9427.484	0.670552			6
Height Summation:			37257.196				
Amount Avg CF:			0.483032	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/13/17 ACF PBLK12256 Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:15:01
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0083.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**56.98**	
5.29	5.31	5.33	1326.182	0.113867			1
5.45	5.47	5.49	2313.32	0.223428			2
5.69	5.71	5.73	2632.676	0.115884			3
5.89	5.91	5.93	7716.543	0.497651			4
5.95	5.96	5.99	2071.048	0.265451			5
6.31	6.33	6.35	2717.469	0.388438			6

Height Summation: **18777.238**
Amount Avg CF: **0.267453** Linear:

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**172.81**	
5.89	5.91	5.93	7716.543	0.277414			1
5.95	5.96	5.99	2071.048	0.086103			2
6.08	6.10	6.12	102838.4	4.455143			3
6.14	6.16	6.18	112165.6	18.507701			4
6.31	6.33	6.35	2717.469	0.382027			5
6.51	6.53	6.55	62058.55	1.325506			6

Height Summation: **289567.61**
Amount Avg CF: **4.172316** Linear:

Analysis Report (B)

Injected on : Sep 18, 2017 08:15:01
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0083.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**21.62**	
4.35	4.37	4.39	5733.855	0.384734			1
4.49	4.51	4.53	7180.064	0.419981			2
4.60	4.61	4.64	5838.514	0.422352			3
4.72	4.74	4.76	9427.484	0.565138			4
5.14	5.16	5.18	6140.194	0.285089			5
5.40	5.42	5.44	5772.611	0.452597			6

Height Summation: **40092.722**
Amount Avg CF: **0.421648** Linear:

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**5**	**25.42**	
4.95	4.96	4.99	3220.51	0.212172			2
5.14	5.16	5.18	6140.194	0.219239			3
5.36	5.37	5.40	2760.414	0.272513			4
5.40	5.42	5.44	5772.611	0.337845			5
5.78	5.80	5.82	2746.548	0.37558			6

Height Summation: **20640.277**
Amount Avg CF: **0.28347** Linear:

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**175.35**	
5.36	5.37	5.40	2760.414	0.095115			1
5.40	5.42	5.44	5772.611	0.207453			2
5.56	5.57	5.60	79734.02	3.427372			3
5.62	5.64	5.66	89400.94	15.786394			4
5.78	5.80	5.82	2746.548	0.344383			5
5.98	6.00	6.02	63964.82	1.165424			6

Height Summation: **244379.353**
Amount Avg CF: **3.504357** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			51	9.9		** 127.55	4	40	
Aroclor-1221			51	15.3		** 49.75	3	40	
Aroclor-1232			51	12.3		** 122.84	4	40	
Aroclor-1242			51	12.3		** 129.46	4	40	
Aroclor-1248			51	9.9		11.16	4	40	
Aroclor-1254			51	13.2		** 50.28	4	40	
Aroclor-1260			51	11.7		19.87	4	40	
Aroclor-1262			51	9.9		5.81	4	40	
Aroclor-1268			51	9.9		17.40	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:15:01 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0083.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.507		7978	4435
1.56		3885	2866
1.624		25916	20449
1.656		38092	51441
1.743		77889	66374
1.857		4805	4984
1.906		7176	7513
1.972		18242	15558
2.061		16970	14502
2.103		9924	10879
2.147		23961	33350
2.202		800270	572397
2.235		17247	11118
2.251		14910	11655
2.269		47512	39320
2.295		34930	22913
2.391		11274	6660
2.404		16580	10804
2.436		12073	10741
2.461		617533	396656
2.507		12057	12367
2.552		7020	6922
2.576		15410	11615
2.609		3097	2546
2.663		4452	3304
2.721		3149	1652
2.772		30827	18978
2.805		124968	97502
2.878		8730	6335
2.942		21119	13716
2.999	TCX	11597930	7420440
3.057		6409	3294
3.197		100540	75712
3.229		3564	1809
3.328		25724	16356
3.538		3284	1644
3.556		11109	7512
3.66		32514	24597
3.727		24177	15350
3.787		7225	5491
3.837		2951	1844
3.854		1352	255
3.876		1263	243
3.895		1600	478
3.902		1212	272
3.923		1304	675
3.957		2659	2116
4.064		1487	1251
4.112		2664	2099
4.146		1761	464
4.18		1514	392
4.208		1265	393
4.25		11955	12196

RT A	Compound A	Height A	Area A
4.308		3614	2579
4.357		5287	5471
4.417		1334	594
4.459		5491	4891
4.495		3564	2631
4.604		2299	1445
4.714		7800	5830
4.794		1514	1075
4.838		3642	3699
4.889		1086	463
4.93		7137	6152
4.967		7006	5809
5.042		3152	2299
5.124		13320	15517
5.206		16775	14857
5.247		7544	6822
5.273		1565	432
5.308		1326	358
5.45		1949	1278
5.471		2313	1750
5.501		1369	1284
5.556		1604	781
5.608		13710	13161
5.674		2078	1448
5.71		2633	2608
5.731		38192	34471
5.768		1392	534
5.795		1375	543
5.911		7717	8778
5.958		2071	1842
6.1		102838	98485
6.163		112166	134216
6.305		1372	650
6.334		2717	1177
6.534		62059	61527
6.64		918	724
6.681	DCB	3380408	3432544
7.102		1606	429
7.13		1560	565
7.154		1247	306
7.174		1416	520
7.202		1689	471
7.235		1741	465
7.302		1082	292
7.488		1270	371
7.531		1712	1058
7.561		1264	489
7.686		2395	1062
7.746		1374	958
7.886		991	238
7.911		1342	495
8.15		1859	699
8.205		1528	289
8.246		1574	735
8.275		2072	508
8.457		1513	426

LANCASTER LABORATORIES

Sample Number: BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:15:01 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0083.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.536		4798	7011
1.583		4730	4632
1.663		16858	16058
1.689		5614	7079
1.794		14617	17567
1.819		5849	5043
1.844		11707	7030
1.862		30516	28901
1.91		854624	596472
1.965		47357	46857
2.026		53928	51103
2.091		16730	12430
2.132		2495	964
2.151		656992	398218
2.236		18962	13159
2.269		8278	8292
2.301		6279	3263
2.346		7603	10107
2.398		3842	4624
2.427		32587	19260
2.47		126869	79327
2.497		20460	16737
2.587		2421	2477
2.626		26467	14033
2.652	TCX	12064350	7387918
2.771		26890	15193
2.798		4232	3010
2.869		99053	62927
2.938		3063	1491
2.957		4260	2409
2.985		21824	13213
3.029		3531	2352
3.055		2158	1778
3.183		15356	10635
3.22		14293	10774
3.282		64265	40941
3.357		52800	34320
3.4		12220	13376
3.443		5262	5049
3.517		1752	1042
3.571		3496	2184
3.739		3026	2274
3.771		2736	2424
3.869		7766	5661
3.916		3486	1923
3.979		14760	11917
4.016		4548	3071
4.062		12303	12768
4.117		4485	4220
4.162		3668	3041
4.218		2532	1871
4.279		8338	8132
4.373		5734	5232
4.41		2274	1592

4.442		7906	5720
4.484		7083	4658
4.509		7180	5532
4.609		5839	6536
4.663		3320	2537
4.687		12732	9470
4.714		17595	12064
4.74		9427	12302
4.963		3221	2435
4.988		2707	2141
5.033		3547	3449
5.11		12766	13119
5.135		1910	1105
5.156		6140	6130
5.231		41538	33622
5.272		4368	4884
5.375		2760	2257
5.416		5773	6892
5.573		79734	69657
5.642		89401	79130
5.692		13821	11517
5.798		2747	2215
5.999		63965	55878
6.157	DCB	3630852	3666450
6.763		1515	1760
8.293		7876	14361

BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8

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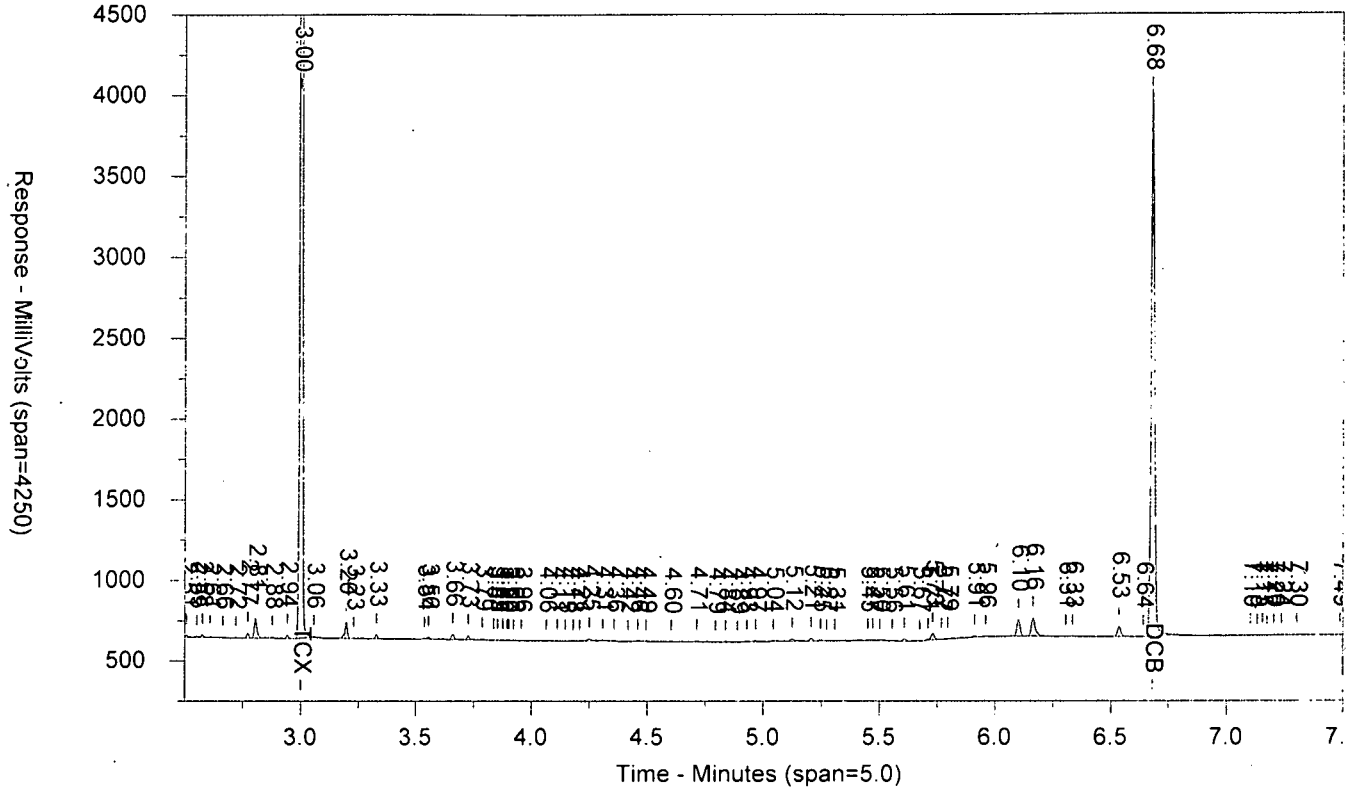

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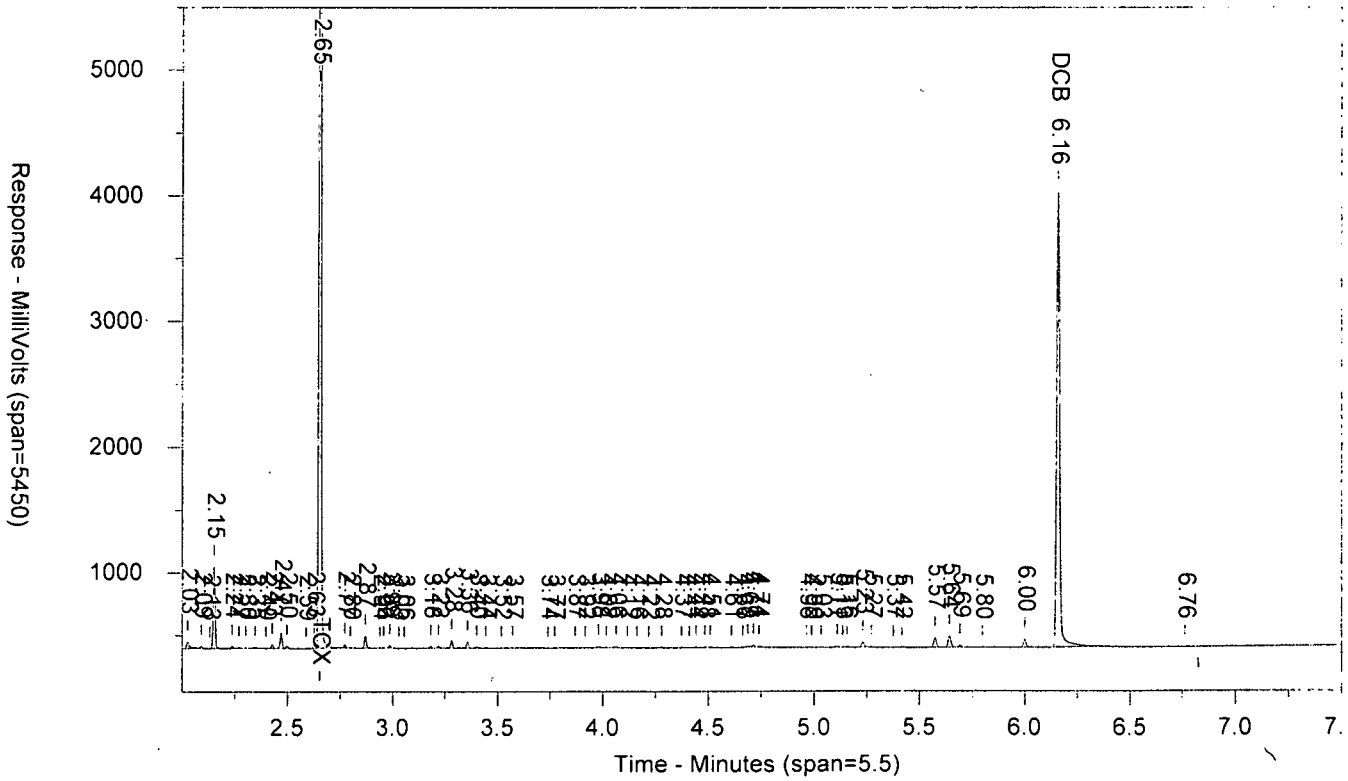


LANCASTER LABORATORIES

Sample Number: BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:15:01 AM Sample Weight: 10
Instrument ID: CP7-19843A Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

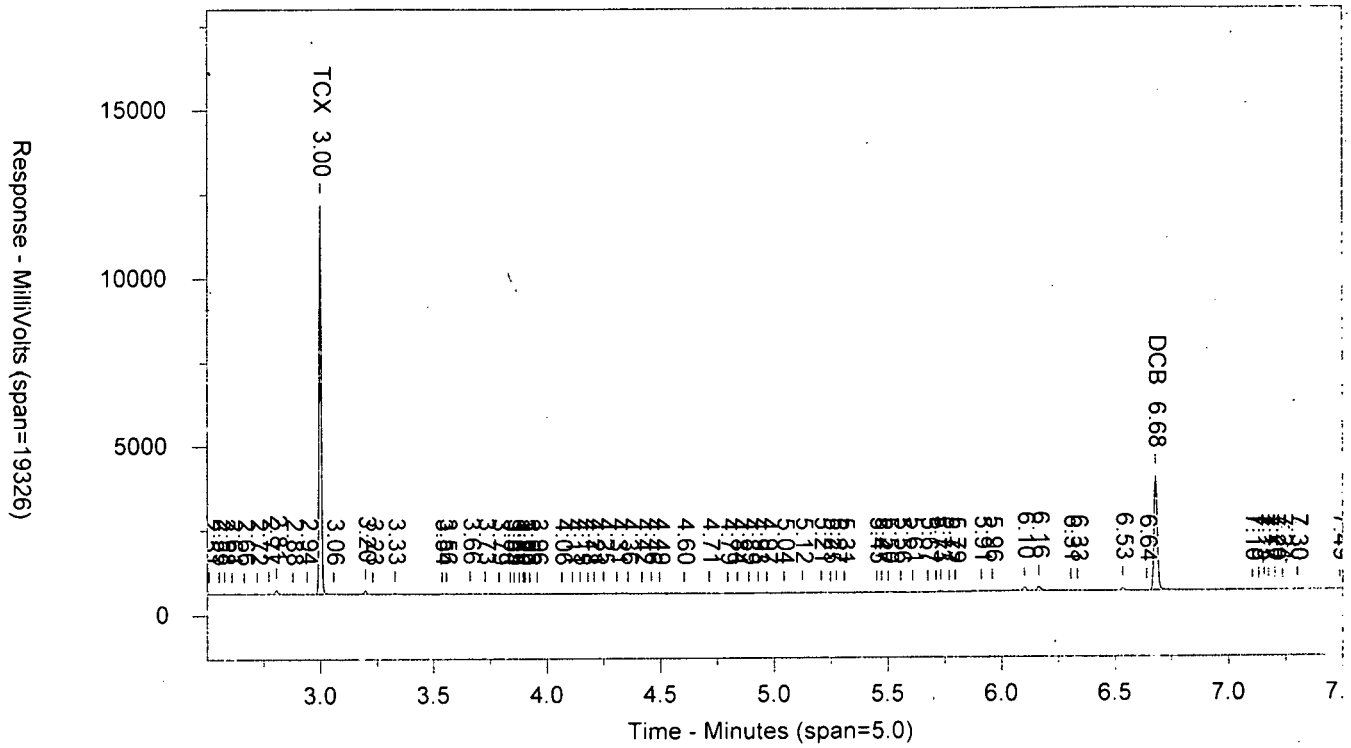
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound E
2.999	11597930	30.642	TCX	2.652	12064350	31.044	TCX
6.681	3380408	25.044	DCB	6.157	3630852	22.792	DCB

Files:
Area File: 07pcbs17250008.0083.RAW
Area File: 07pcbs17250008B.0083.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:03:10 AM

BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250008.0083.RAW



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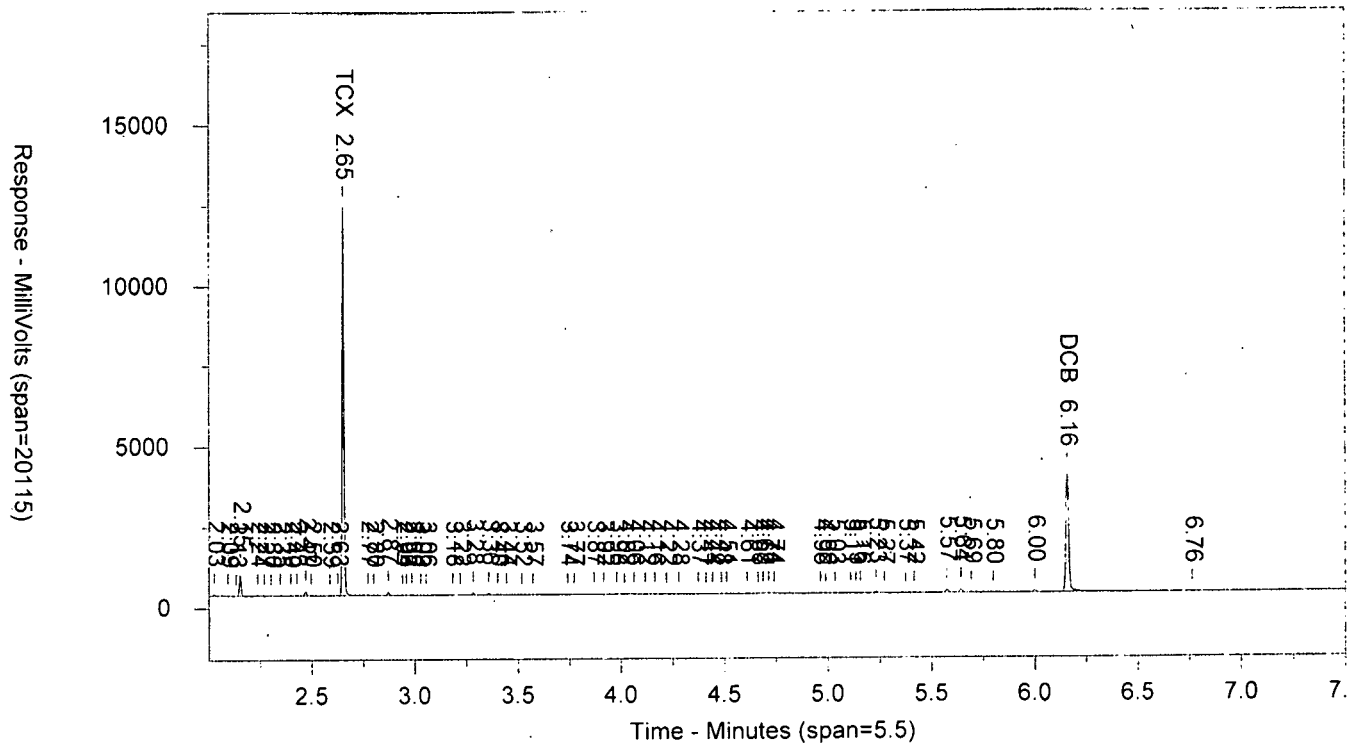

BLANKA 9/13/17 ACF ABPBLK12256 BLK 172560012A 10225 SW-846 8

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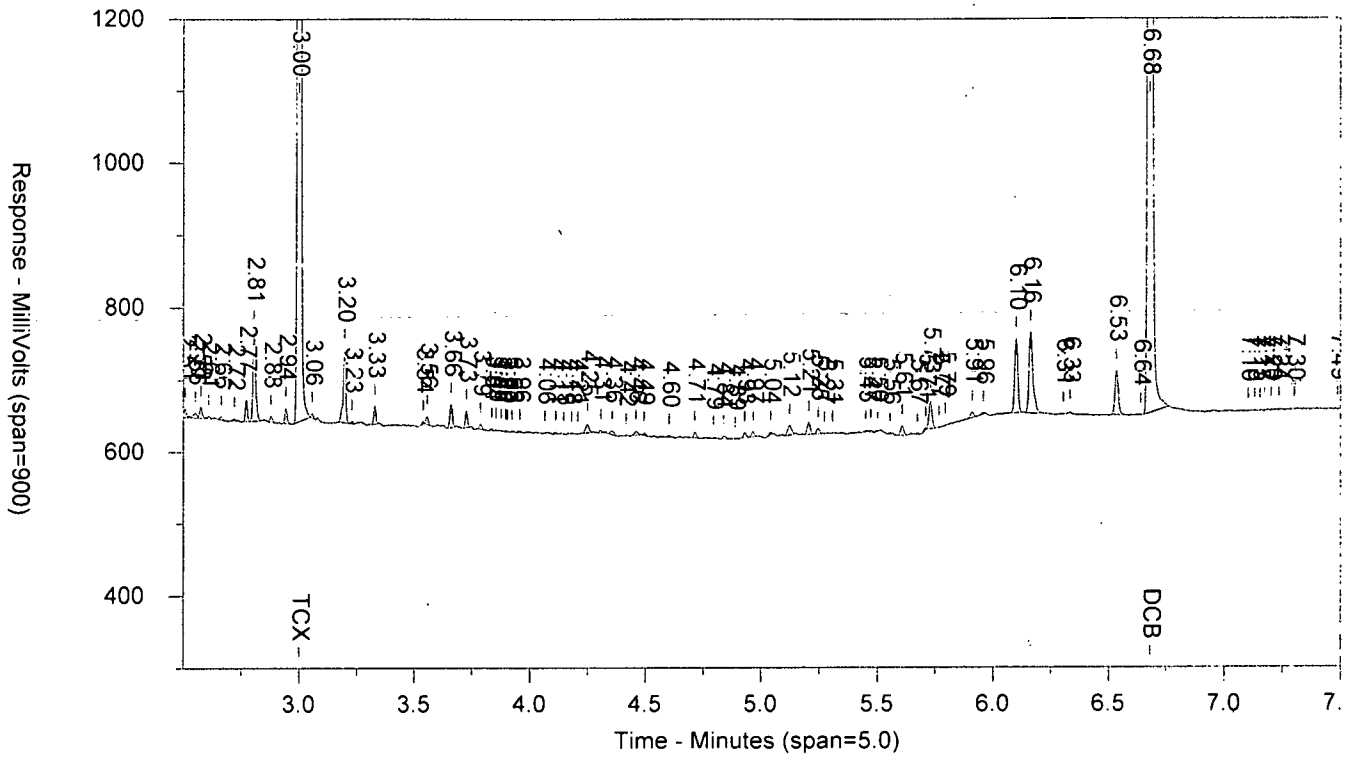

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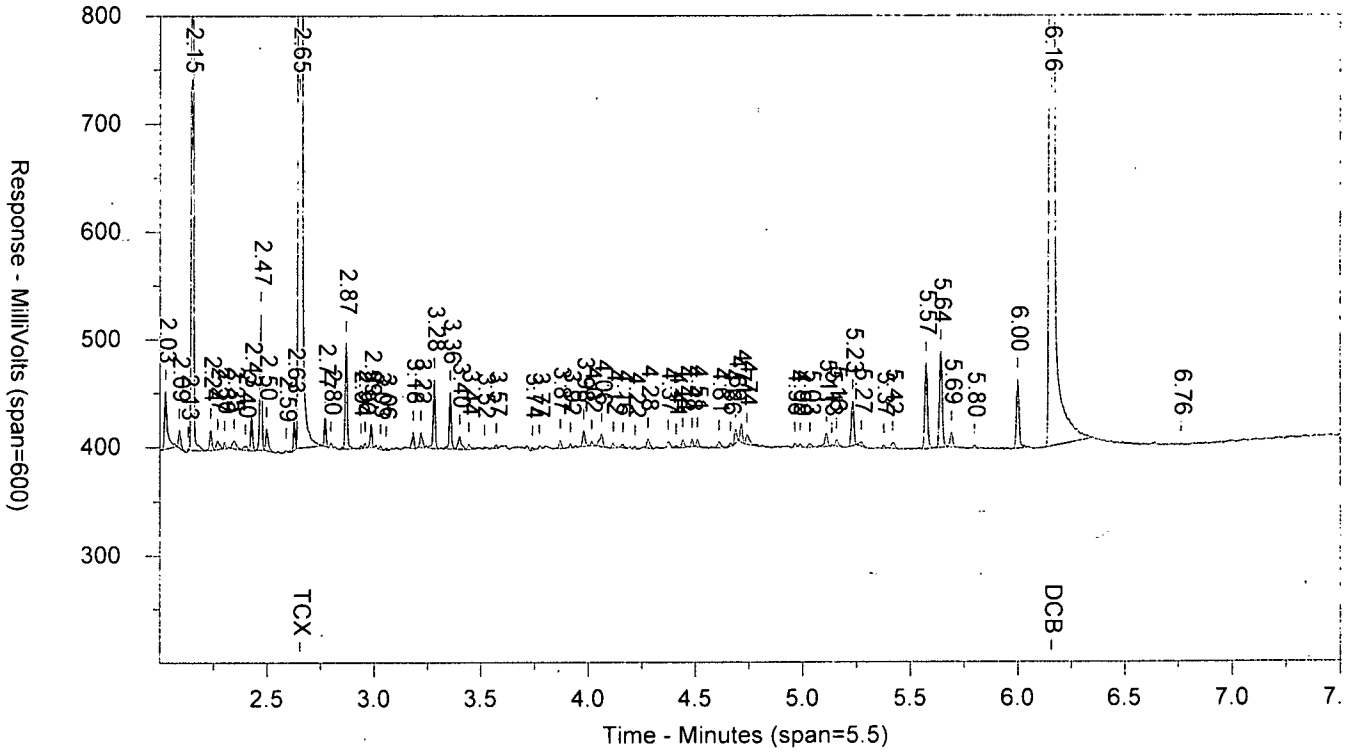

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Data Summary

Sample Name: 9202654 MS ACF DF10 -112W MS Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.18 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:13:52
Instrument	19843A
Result file	07PCBS17250008.0098.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 95% (61 - 152) Conc: 28.49874
%SSR(DCB) 123% (48 - 164) Conc: 32.69788

Analysis Report (B)

Injected on	Sep 18, 2017 11:13:52
Instrument	19843B
Result file	07PCBS17250008B.0098.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 95% (61 - 152) Conc: 28.41016
%SSR(DCB) 110% (48 - 164) Conc: 29.44734

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1098102	28.49874
Decachlorobiphenyl	6.65	6.68	6.71	449297	32.69788

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1123956	28.41016
Decachlorobiphenyl	6.13	6.16	6.19	477553	29.44734

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	A	28.49874				0.31	
Tetrachloro-m-xylene-D1	A	28.49874					
Tetrachloro-m-xylene-D2	B	28.41016					
Decachlorobiphenyl	A	32.69788				10.46	
Decachlorobiphenyl-D1	A	32.69788					
Decachlorobiphenyl-D2	B	29.44734					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**10.51**	
3.23	3.25	3.27	329472.3	492.292432			1
3.45	3.47	3.49	335111.3	489.179228			2
3.56	3.58	3.60	381198.1	466.786119			3
3.74	3.76	3.78	371480.9	464.622573			4
3.78	3.80	3.82	454038.9	483.877482			5
3.91	3.93	3.95	348236.4	605.025053			6
Height summation:			**2219537.9**				
Concentration		CF:	**500.297148**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**7.85**	
2.92	2.94	2.96	358878.6	524.161458			1
3.12	3.14	3.16	452262.2	519.386604			2
3.25	3.26	3.29	412808.2	479.625859			3
3.40	3.42	3.44	397300.9	430.699317			4
3.44	3.46	3.48	399813.5	461.464734			5
3.57	3.59	3.61	371228	520.193696			6
Height summation:			**2392291.4**				
Concentration		CF:	**489.255278**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**12.62**	
4.82	4.84	4.86	1220756	823.924769			1
5.02	5.04	5.06	1304673	897.075695			2
5.23	5.25	5.27	1405302	1018.321613			3
5.45	5.48	5.49	583680.8	730.378085			4
5.69	5.71	5.73	1490250	761.478507			5
5.89	5.91	5.93	1013202	791.658834			6
Height summation:			**7017863.8**				
Concentration		CF:	**837.139584**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.51**	
4.35	4.37	4.39	1277014	841.707706			1
4.49	4.51	4.53	1458132	837.819137			2
4.60	4.61	4.64	1051258	747.021963			3
4.72	4.74	4.76	1651861	972.71172			4
5.14	5.16	5.18	1540032	702.394168			5
5.40	5.42	5.44	1026247	790.393841			6
Height summation:			**8004544**				
Concentration		CF:	**815.341423**	L:			

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:54

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Data Summary

Sample Name: 9202654 MS ACF DF10 -112W MS Sample ID:AC **Batchnumber: 172560012A**
Sample Amount: 10.18 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:13:52
Instrument	19843A
Result file	07PCBS17250008.0098.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 11:13:52
Instrument	19843B
Result file	07PCBS17250008B.0098.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016	A	500.297148	<500.9823	97.2495		2.23	4	
PCB-1221			<500.9823	<150.2947			3	
PCB-1232			<500.9823	<120.8251			4	
PCB-1242			<500.9823	<120.8251			4	
PCB-1248			<500.9823	<97.2495			4	
PCB-1254			<500.9823	<129.666			4	
PCB-1260	A	837.139584	500.9823	114.9312		2.64	4	
PCB-1262			<500.9823	<97.2495			4	
PCB-1268			<500.9823	<97.2495			4	
Total PCBs	A	1337.436732	500.9823	97.2495				

Units: ug/kg

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

Valerie L. Tomayko
Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:54

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202654** MS ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.18 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0098.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 95% (61-152) Conc.: 28.49874
%SSR(DCB) : 123% (48-164) Conc.: 32.69788

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**10.51**	
3.23	3.25	3.27	329472.3	492.292432			1
+ 3.46	3.46	3.40	4510.073	0.584402			2
3.45	3.47	3.49	335111.3	489.179228			2
+ 3.45	3.48	3.49	173735.4	253.610513			2
3.56	3.58	3.60	381198.1	466.786119			3
+ 3.74	3.75	3.78	179499.8	224.505914			4
3.74	3.76	3.78	371480.9	464.622573			4
3.78	3.80	3.82	454038.9	483.877482			5
3.91	3.93	3.95	348236.4	605.025053			6
Height Summation:			**2219537.9**				
Amount Avg CF:			**500.297148**	Linear:			
Aroclor-1221					**3**	**36.38**	
3.13	3.15	3.17	57446.34	185.388918			1
3.18	3.20	3.22	72039.16	254.159723			2
3.23	3.25	3.27	329472.3	381.637206			3
Height Summation:			**458957.8**				
Amount Avg CF:			**273.728616**	Linear:			
Aroclor-1232					**6**	**34.90**	
3.23	3.25	3.27	329472.3	419.621069			1
3.45	3.47	3.49	335111.3	1022.09984			2
+ 3.45	3.48	3.49	173735.4	529.898349			2
3.56	3.58	3.60	381198.1	970.312363			3
+ 3.74	3.75	3.78	179499.8	487.06675			4
3.74	3.76	3.78	371480.9	1008.001093			4
3.78	3.80	3.82	454038.9	987.255659			5
3.91	3.93	3.95	348236.4	1504.167921			6
Height Summation:			**2219537.9**				
Amount Avg CF:			**985.242991**	Linear:			
Aroclor-1242					**6**	**14.64**	
3.23	3.25	3.27	329472.3	367.667906			1
+ 3.45	3.45	3.49	4510.673	5.00703			2
3.45	3.47	3.49	335111.3	371.987168			2
+ 3.45	3.48	3.49	173735.4	192.853358			2
3.56	3.58	3.60	381198.1	354.992552			3
+ 3.74	3.75	3.78	179499.8	151.704844			4
3.74	3.76	3.78	371480.9	313.958299			4
3.78	3.80	3.82	454038.9	349.81424			5
3.91	3.93	3.95	348236.4	475.351659			6
Height Summation:			**2219537.9**				
Amount Avg CF:			**372.295304**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0098.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 95% (61-152) Conc.: 28.41016
%SSR(DCB) : 110% (48-164) Conc.: 29.44734

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**7.85**	
2.92	2.94	2.96	358878.6	524.161458			1
3.12	3.14	3.16	452262.2	519.386604			2
3.25	3.26	3.29	412808.2	479.625859			3
+ 3.40	3.41	3.44	230707.8	250.101855			4
3.40	3.42	3.44	397300.9	430.699317			4
+* 3.44	3.44	3.48	26101.83	30.126732			5
+* 3.40	3.44	3.44	26101.83	28.296035			4
3.44	3.46	3.48	399813.5	461.464734			5
3.57	3.59	3.61	371228	520.193696			6
+ 3.57	3.61	3.61	142496.4	199.677096			6
Height Summation:			**2392291.4**				
Amount Avg CF:			**489.255278**	Linear:			
Aroclor-1221					**3**	**32.19**	
2.80	2.82	2.84	76767.84	205.851726			1
+ 2.86	2.87	2.90	4791.881	20.484841			2
2.86	2.88	2.90	63975.46	273.489075			2
2.92	2.94	2.96	358878.6	390.291192			3
Height Summation:			**499621.9**				
Amount Avg CF:			**289.877331**	Linear:			
Aroclor-1232					**6**	**29.01**	
2.92	2.94	2.96	358878.6	428.4368			1
3.12	3.14	3.16	452262.2	1028.719817			2
3.25	3.26	3.29	412808.2	970.814302			3
+ 3.40	3.41	3.44	230707.8	543.470992			4
3.40	3.42	3.44	397300.9	935.909034			4
+* 3.40	3.44	3.44	26101.83	61.487247			4
+* 3.44	3.44	3.48	26101.83	60.379704			5
3.44	3.46	3.48	399813.5	924.863153			5
3.57	3.59	3.61	371228	1237.269979			6
+ 3.57	3.61	3.61	142496.4	474.927855			6
Height Summation:			**2392291.4**				
Amount Avg CF:			**921.002181**	Linear:			
Aroclor-1242					**6**	**25.78**	
2.92	2.94	2.96	358878.6	379.037588			1
3.12	3.14	3.16	452262.2	588.19224			2
3.25	3.26	3.29	412808.2	366.937154			3
+ 3.40	3.41	3.44	230707.8	172.243603			4
3.40	3.42	3.44	397300.9	296.61996			4
+* 3.40	3.44	3.44	26101.83	19.487305			4
+* 3.44	3.44	3.48	26101.83	21.766055			5
3.44	3.46	3.48	399813.5	333.400486			5
3.57	3.59	3.61	371228	411.522928			6
+ 3.57	3.61	3.61	142496.4	157.963666			6
Height Summation:			**2392291.4**				
Amount Avg CF:			**395.951726**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202654** MS ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.18 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0098.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**42.27**	
3.78	3.80	3.82	454038.9	981.577799			1
3.84	3.86	3.88	412273.5	837.841457			2
3.91	3.93	3.95	348236.4	425.025468			3
4.03	4.06	4.07	328901.7	355.507764			4
4.12	4.15	4.16	343249.7	428.527171			5
4.30	4.31	4.34	493386.7	576.668488			6
+ 4.30	4.33	4.34	99423.91	116.206286			6
Height Summation:			**2380089.9**				
Amount Avg CF:			**600.858024**	Linear:			
Aroclor-1254					**6**	**70.45**	
4.29	4.31	4.32	493386.7	534.807015			1
4.63	4.66	4.67	192793	197.049403			2
4.69	4.72	4.73	838471	405.084161			3
4.91	4.93	4.95	547982.5	433.087685			4
5.11	5.13	5.15	635286.2	877.509628			5
5.23	5.25	5.27	1405302	1477.647254			6
Height Summation:			**4113221.4**				
Amount Avg CF:			**654.197524**	Linear:			
Aroclor-1260					**6**	**12.62**	
4.82	4.84	4.86	1220756	823.924769			1
5.02	5.04	5.06	1304673	897.075695			2
5.23	5.25	5.27	1405302	1018.321613			3
5.45	5.48	5.49	583680.8	730.378085			4
5.69	5.71	5.73	1490250	761.478507			5
5.89	5.91	5.93	1013202	791.658834			6
Height Summation:			**7017863.8**				
Amount Avg CF:			**837.139584**	Linear:			
Aroclor-1262					**6**	**27.23**	
5.29	5.31	5.33	552305.6	465.830099			1
5.45	5.48	5.49	583680.8	553.769878			2
5.69	5.71	5.73	1490250	644.372944			3
5.89	5.91	5.93	1013202	641.874712			4
5.95	5.97	5.99	216023.3	271.986653			5
6.31	6.34	6.35	345459.4	485.07162			6
Height Summation:			**4200921.1**				
Amount Avg CF:			**510.484318**	Linear:			
Aroclor-1268					**6**	**93.54**	
5.89	5.91	5.93	1013202	357.811553			1
5.95	5.97	5.99	216023.3	88.223008			2
6.08	6.10	6.12	26140.78	11.124413			3
+ 6.14	6.15	6.18	17328.78	28.087495			4
6.14	6.18	6.18	204549.5	331.545728			4
6.31	6.34	6.35	345459.4	477.066378			5
6.51	6.54	6.55	77926.78	16.350053			6
Height Summation:			**1883301.76**				
Amount Avg CF:			**213.686856**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0098.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**47.11**	
+ 3.44	3.44	3.48	26101.83	65.778155			1
3.44	3.46	3.48	399813.5	1007.553662			1
3.51	3.53	3.55	431841.5	793.856558			2
3.55	3.57	3.59	350272.3	380.33408			3
3.67	3.69	3.71	398606.1	353.917825			4
+ 3.76	3.77	3.80	95255.5	122.313363			5
3.76	3.78	3.80	327737.9	420.833701			5
3.90	3.92	3.94	677338.1	457.220409			6
Height Summation:			**2591609.4**				
Amount Avg CF:			**568.952706**	Linear:			
Aroclor-1254					**6**	**76.76**	
4.20	4.22	4.24	317254.6	270.041725			1
+ 4.26	4.26	4.30	136197	65.564835			2
4.26	4.28	4.30	533471.7	256.811706			2
+ 4.26	4.30	4.30	237388.1	114.277932			2
4.35	4.37	4.39	1277014	1308.763729			3
4.42	4.44	4.46	456633.6	355.890996			4
4.64	4.67	4.68	347975	385.217788			5
4.72	4.74	4.76	1651861	1154.149992			6
Height Summation:			**4584209.9**				
Amount Avg CF:			**621.812656**	Linear:			
Aroclor-1260					**6**	**11.51**	
4.35	4.37	4.39	1277014	841.707706			1
4.49	4.51	4.53	1458132	837.819137			2
4.60	4.61	4.64	1051258	747.021963			3
4.72	4.74	4.76	1651861	972.71172			4
5.14	5.16	5.18	1540032	702.394168			5
5.40	5.42	5.44	1026247	790.393841			6
Height Summation:			**8004544**				
Amount Avg CF:			**815.341422**	Linear:			
Aroclor-1262					**6**	**26.94**	
4.76	4.78	4.80	524264.3	315.73102			1
4.95	4.97	4.99	719673.8	465.748515			2
5.14	5.16	5.18	1540032	540.154849			3
5.36	5.38	5.40	306138.6	296.882041			4
5.40	5.42	5.44	1026247	589.995581			5
5.78	5.80	5.82	311650.2	418.634885			6
Height Summation:			**4428005.9**				
Amount Avg CF:			**437.857815**	Linear:			
Aroclor-1268					**6**	**116.92**	
5.36	5.38	5.40	306138.6	103.620636			1
5.40	5.42	5.44	1026247	362.286327			2
5.56	5.57	5.60	33765.46	14.25747			3
5.62	5.64	5.66	14324.58	24.847058			4
5.78	5.80	5.82	311650.2	383.861522			5
5.98	6.00	6.02	75576.49	13.526378			6
Height Summation:			**1767702.33**				
Amount Avg CF:			**150.399898**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202654** MS ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.18 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0098.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:13:52
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0098.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			500.9823	97.2495		2.23	4	40	
Aroclor-1221			500.9823	150.2947		5.73	3	40	
Aroclor-1232			500.9823	120.8251		6.74	4	40	
Aroclor-1242			500.9823	120.8251		6.16	4	40	
Aroclor-1248			500.9823	97.2495		5.45	4	40	
Aroclor-1254			500.9823	129.666		5.08	4	40	
Aroclor-1260			500.9823	114.9312		2.64	4	40	
Aroclor-1262			500.9823	97.2495		15.32	4	40	
Aroclor-1268			500.9823	97.2495		34.76	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:13:52 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0098.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.533		3779	2486
1.64		11094	10845
1.663		13238	23152
1.701		9096	11517
1.744		9885	10031
1.799		11039	11487
1.822		7125	4765
1.944		3358	1756
2.001		2775	1713
2.026		3099	2247
2.115		5922	9656
2.149		15265	23636
2.175		11624	10806
2.202		51415	40360
2.292		4672	3942
2.382		11548	14302
2.443		12388	16562
2.462		20463	20212
2.55		11889	17501
2.605		5766	3923
2.637		12897	14807
2.676		6125	5301
2.736		8097	5894
2.759		5267	2595
2.806		23046	17430
2.827		9452	9783
2.857		6515	3006
2.874		10323	7864
2.947		8477	6582
2.976		4970	1693
3	TCX	1098102	727414
3.046		4988	4472
3.079		9467	10461
3.118		3584	5324
3.148		57446	45826
3.181		4774	2492
3.205		72039	47176
3.228		3049	1388
3.252		329472	231968
3.303		7439	4738
3.322		9040	4684
3.346		46802	31644
3.398		5111	3021
3.422		5648	4215
3.445		4511	2489
3.468		335111	206362
3.485		173735	95574
3.522		39627	22176
3.538		8561	3315
3.55		23941	12203
3.583		381198	273341
3.635		6548	3880
3.66		24793	16379

RT A	Compound A	Height A	Area A
3.693		95671	52473
3.708		53780	26914
3.751		179500	110763
3.763		371481	195113
3.802		454039	359991
3.862		412274	318592
3.904		47742	33874
3.932		348236	248848
3.958		230599	193946
3.981		72276	37523
4.005		4555	2657
4.057		328905	237431
4.082		130877	86836
4.113		152222	107139
4.148		343250	344193
4.188		109753	86078
4.234		13319	12476
4.251		8327	4790
4.275		39020	28648
4.31		493387	369224
4.328		99424	52047
4.354		191607	161051
4.397		2767	2680
4.423		147324	122873
4.466		729932	698098
4.5		208572	173198
4.542		16341	10958
4.564		32832	23006
4.606		193556	177679
4.657		192793	134718
4.674		108658	95887
4.719		838471	743820
4.768		506121	559169
4.805		151403	106255
4.845		1220756	1129305
4.891		60781	52495
4.933		547983	549234
4.965		18620	11998
4.993		248786	233225
5.044		1304673	1674973
5.097		215853	192590
5.134		635286	678028
5.178		41459	26885
5.214		133734	160515
5.248		1405302	1241356
5.27		73532	34469
5.289		34056	16851
5.314		552306	479879
5.355		365505	352792
5.451		235521	187340
5.475		583681	489333
5.532		384368	342141
5.569		243879	236209
5.611		34694	33607
5.651		262367	261000
5.682		16956	11011
5.708		1490250	1490394
5.793		2692	1050
5.825		1556	396
5.856		1341	350
5.913		1013202	954797
5.943		85107	53233
5.967		216023	240036
6.079		13572	10567
6.102		26141	21366
6.155		17329	13093

RT A	Compound A	Height A	Area A
6.182		204550	186589
6.247		5232	4698
6.307		4290	2756
6.336		345459	342738
6.382		22238	20416
6.422		1979	618
6.538		77927	75482
6.685	DCB	449297	456478
6.863		1394	640
6.875		1509	426
6.924		1302	643
7.016		1596	386
7.038		1464	536
7.186		1767	716
7.206		918	275
7.252		1500	549
7.289		1491	377
7.374		1742	607
7.762		1289	609
7.868		2167	1423
7.996		1504	710
8.197		1630	554
8.241		1485	328
8.341		1775	861
8.397		978	845
8.589		1636	822
8.64		1614	1225

LANCASTER LABORATORIES

Sample Number: 9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:13:52 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0098.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.508		3330	1891
1.53		3122	3086
1.563		8048	13114
1.59		6854	13800
1.657		2015	1879
1.745		1952	918
1.83		1804	1042
1.863		4513	3553
1.91		53736	40303
1.966		9714	9457
2.035		10338	17195
2.105		3921	2662
2.15		15242	12795
2.226		3380	1998
2.244		2502	1932
2.268		13151	16475
2.343		9744	14002
2.4		6240	4639
2.428		5891	8240
2.468		5725	4252
2.497		4393	2539
2.523		6484	4540
2.572		7246	9669
2.603		3545	2418
2.63		2998	2164
2.652	TCX	1123956	680360
2.695		29991	20990
2.739		9217	11700
2.822		76768	47703
2.846		3451	1558
2.87		4792	2227
2.883		63975	35884
2.907		3419	1934
2.935		358879	236939
2.988		8631	7466
3.046		51069	37611
3.078		4036	2633
3.11		4216	4709
3.142		452262	438539
3.194		50706	30147
3.215		25856	12915
3.24		34648	18902
3.265		412808	288895
3.301		23577	14464
3.348		115476	59591
3.363		63390	29927
3.392		2397	1396
3.413		230708	113640
3.423		397301	164465
3.443		26102	9289
3.457		399814	275718
3.531		431842	277123
3.566		356272	220048
3.589		371228	206142

3.607		142496	73146
3.666		3129	1414
3.693		398606	266344
3.716		161725	88618
3.737		164154	100600
3.767		95256	52181
3.784		327738	202073
3.826		120459	87246
3.875		21307	22558
3.896		92152	54010
3.918		677338	430819
3.944		139439	84213
3.963		66984	35257
3.983		134420	85441
4.018		708727	498977
4.051		194482	124494
4.068		73579	38490
4.09		14823	7157
4.129		38138	29348
4.164		163308	131248
4.222		317255	228304
4.263		136197	109710
4.282		533472	289965
4.296		237388	108840
4.321		235094	235695
4.374		1277014	1010218
4.413		64338	57735
4.445		456634	316109
4.469		311526	226108
4.512		1458132	1195956
4.614		1051258	1106270
4.666		347975	292961
4.707		366892	315247
4.743		1651861	1377332
4.776		524264	370559
4.815		432266	339640
4.874		7554	8239
4.915		116586	81213
4.932		35798	19684
4.966		719674	568225
4.99		247125	169358
5.04		424228	391474
5.076		227454	176367
5.105		145137	119606
5.138		123506	76789
5.16		1540032	1274721
5.201		34211	22719
5.233		64037	50056
5.273		4782	3628
5.351		16400	9715
5.375		306139	250594
5.419		1026247	1112094
5.574		33765	28843
5.62		26430	19818
5.642		14325	9737
5.666		19578	12590
5.692		156564	132770
5.773		4155	2648
5.8		311650	265954
5.831		16791	12292
5.999		75576	65807
6.159	DCB	477553	453579
6.641		1766	1800
8.299		8685	14581

9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8(

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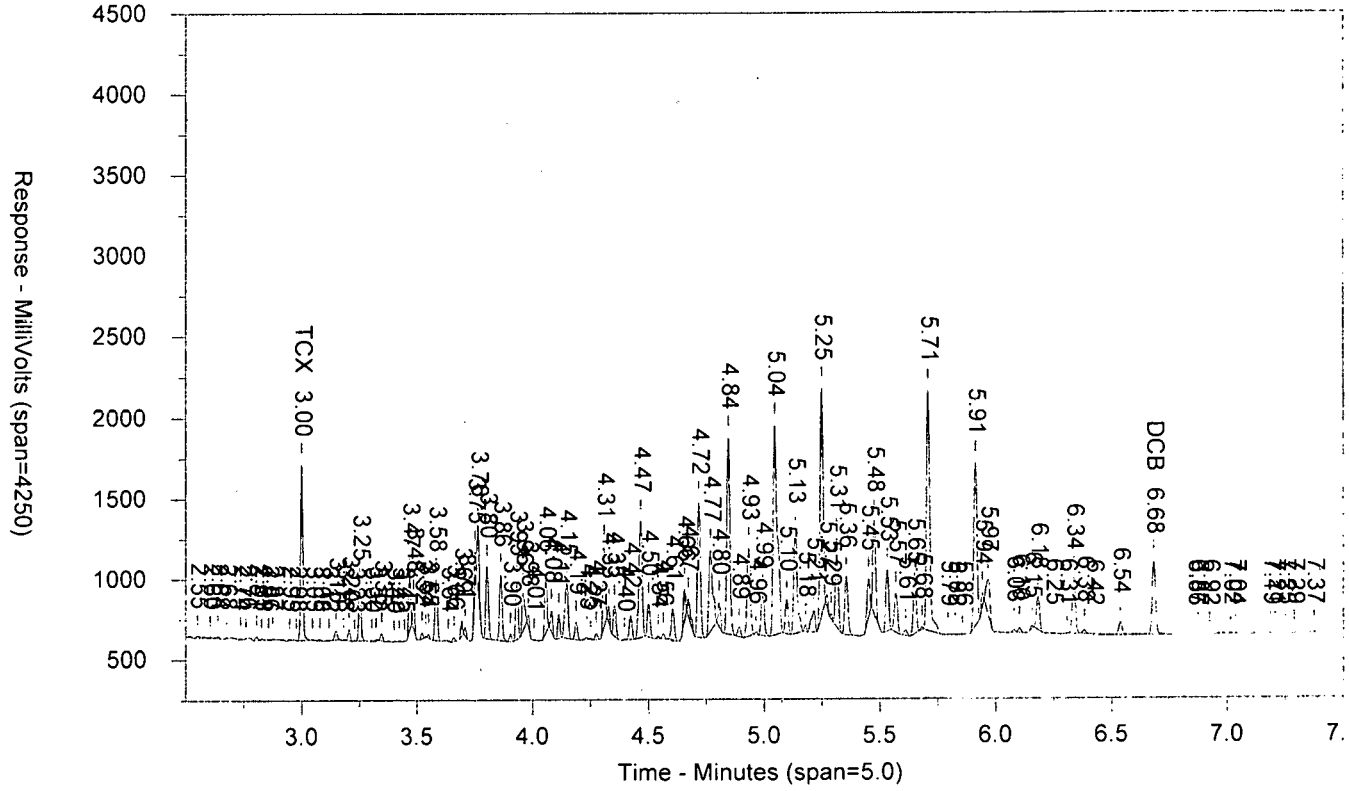

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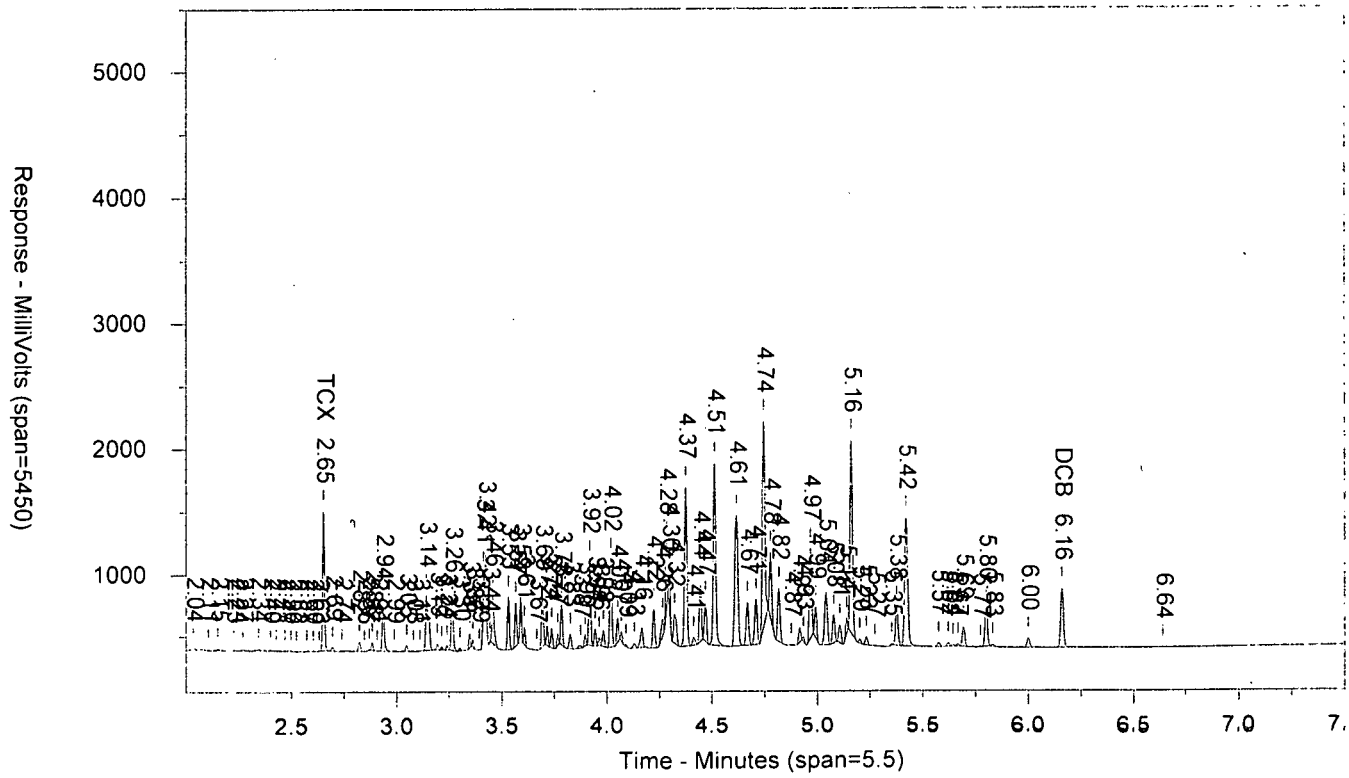

LANCASTER LABORATORIES

Sample Number: 9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:13:52 AM Sample Weight: 10.18
Instrument ID: CP7-19843A Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	1098102	28.499	TCX	2.652	1123956	28.41	TCX
6.685	449297	32.698	DCB	6.159	477553	29.447	DCB

Files:
Area File: 07pcbs17250008.0098.RAW
Area File: 07pcbs17250008B.0098.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:22:37 AM
File Reported On: 9/18/2017 at 11:23:48 AM

9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8(

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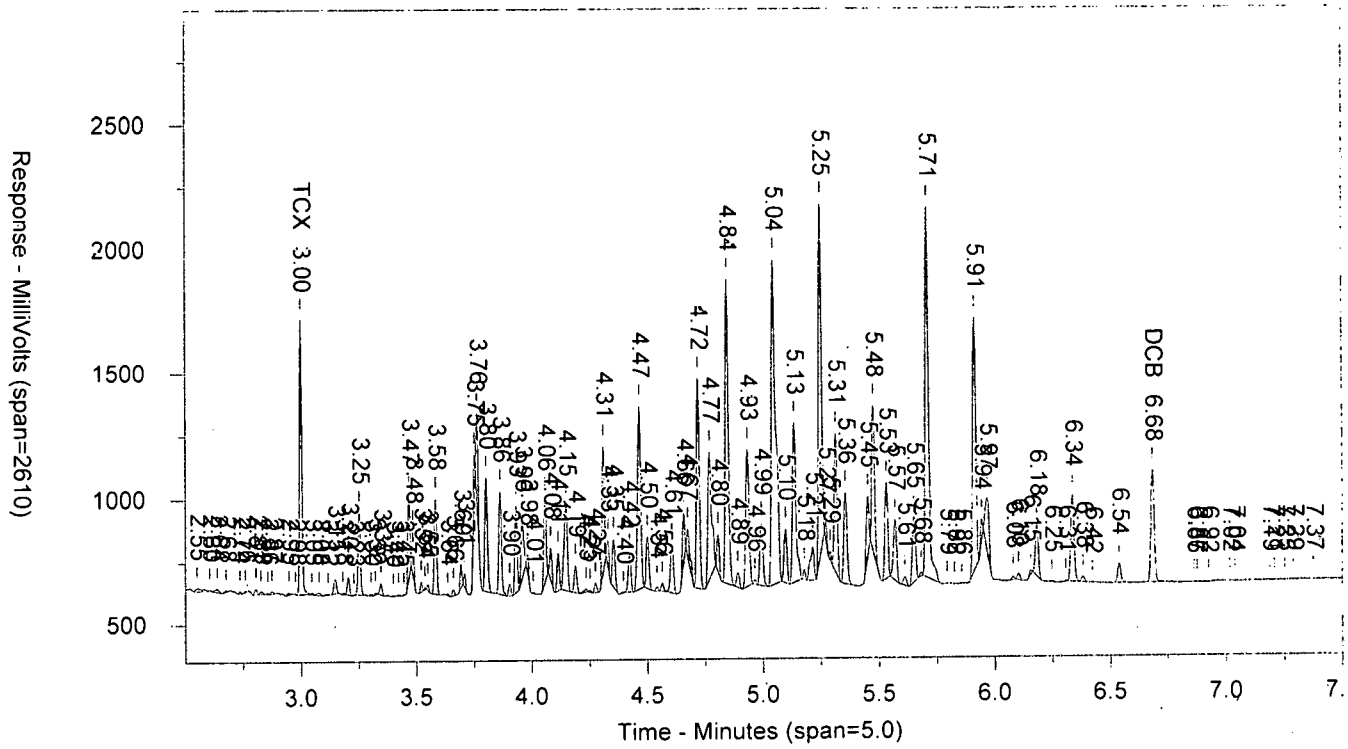

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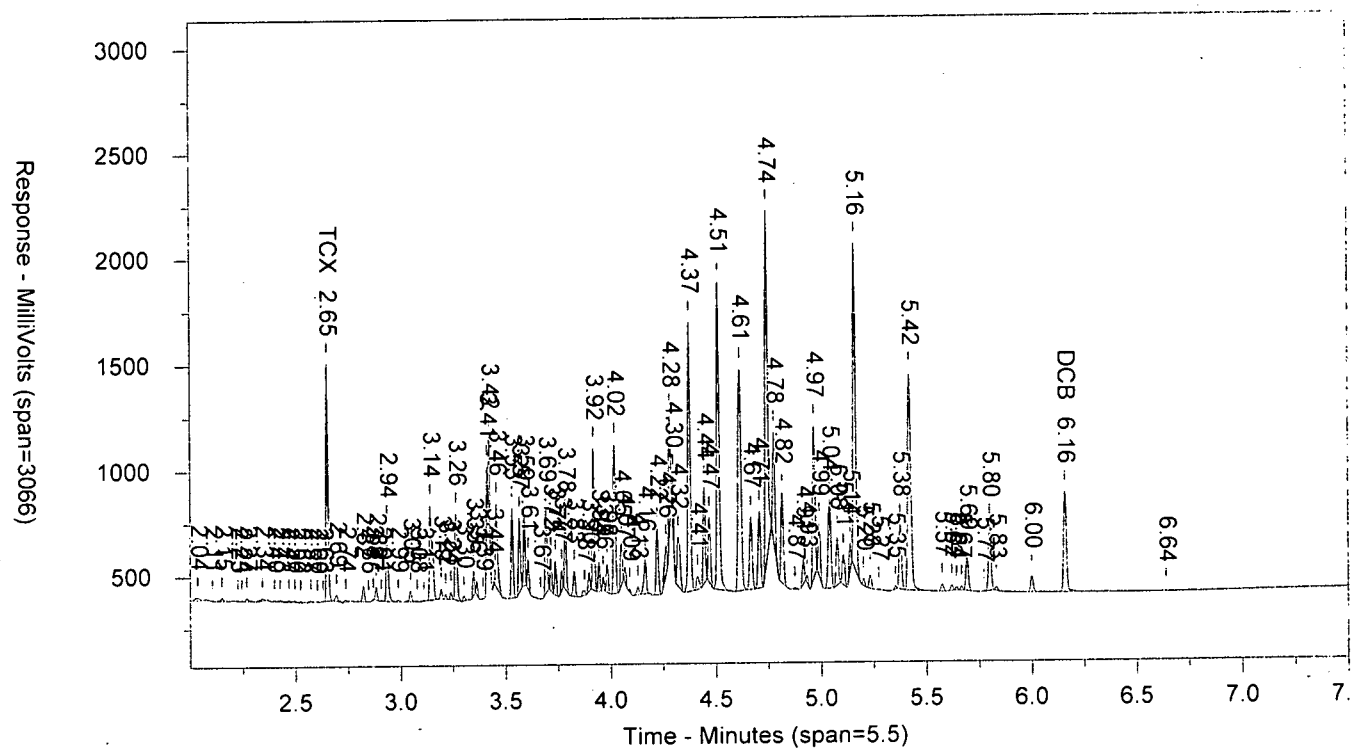

9202654MS ACF DF10 AC-112W MS 172560012A 10225 SW-846 8(

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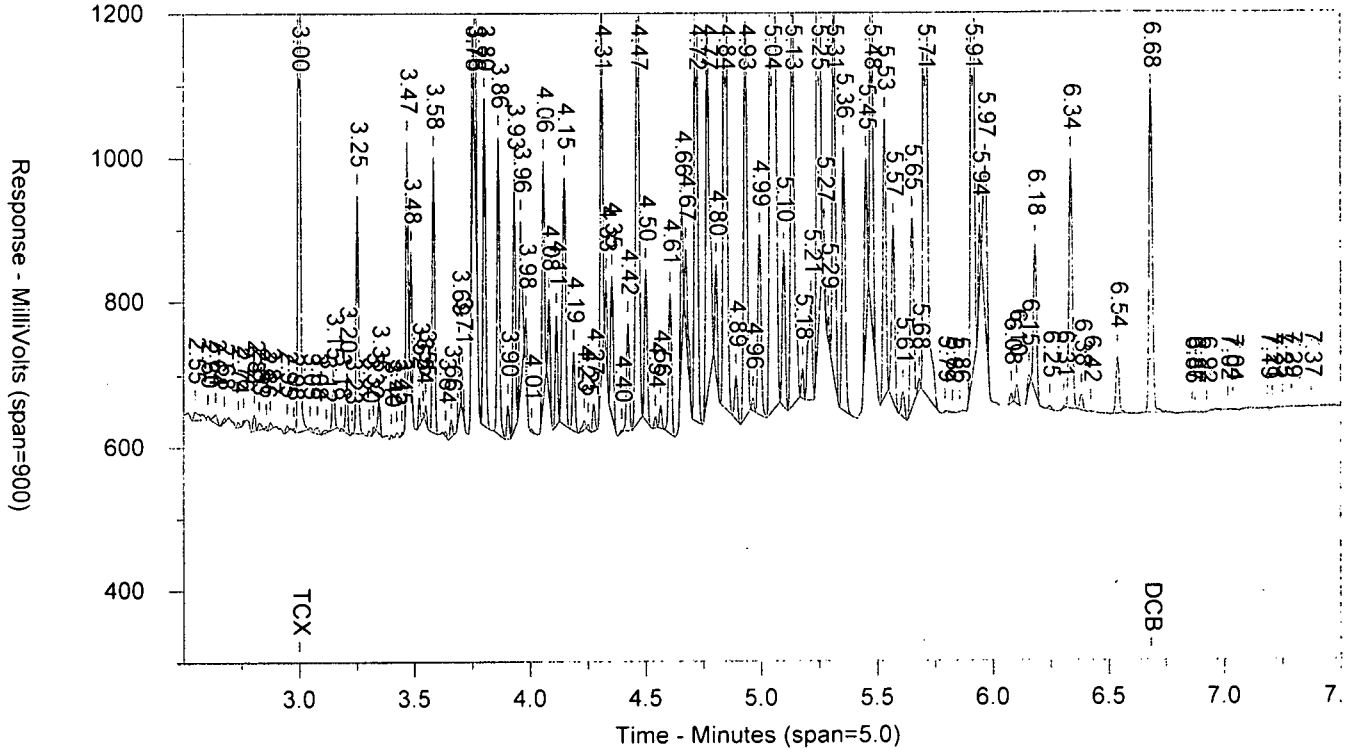

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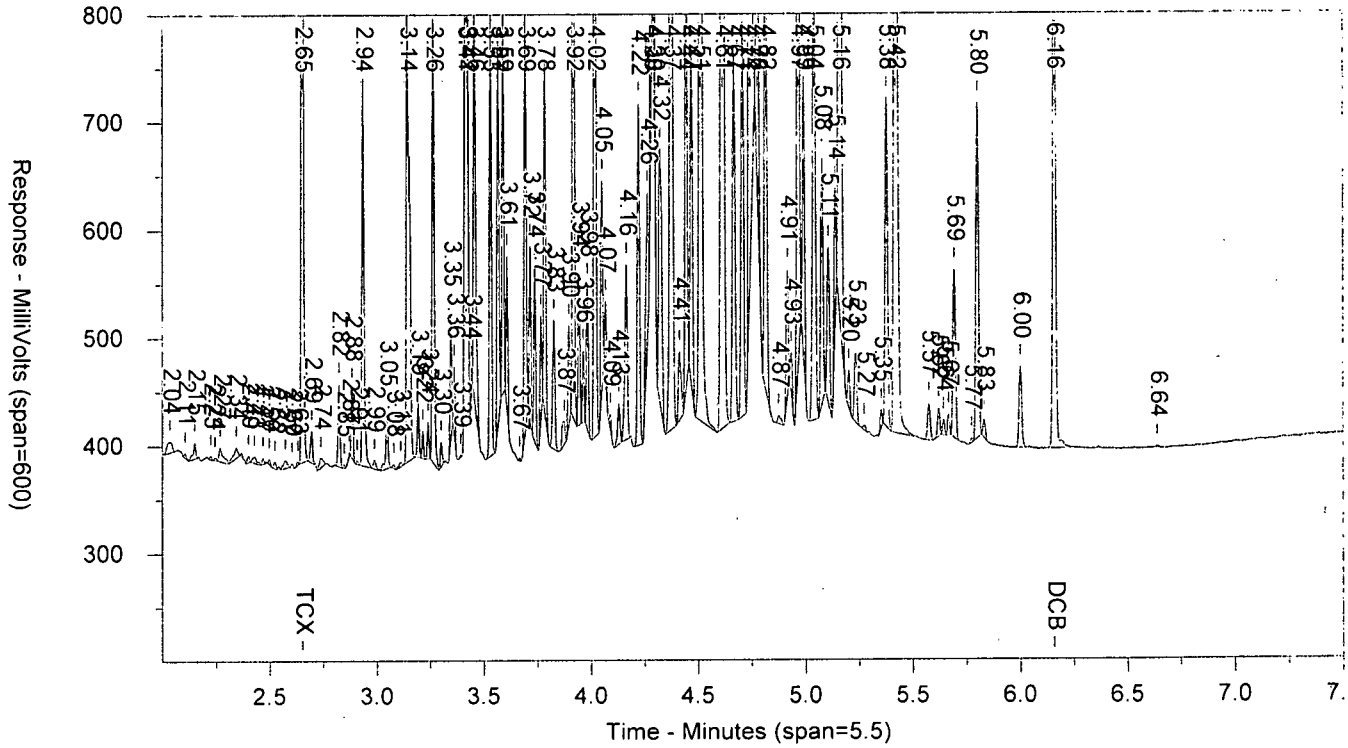

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Data Summary

Sample Name: 9202655 MSD ACF DF10 -112W MSD Sample ID:AC **Batchnumber: 172560012A**
Sample Amount: 10.16 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:25:24
Instrument	19843A
Result file	07PCBS17250008.0099.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 94% (61 - 152) Conc: 28.39677
%SSR(DCB) 118% (48 - 164) Conc: 31.55539

Analysis Report (B)

Injected on	Sep 18, 2017 11:25:24
Instrument	19843B
Result file	07PCBS17250008B.0099.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 91% (61 - 152) Conc: 27.39451
%SSR(DCB) 107% (48 - 164) Conc: 28.65977

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	1092023	28.39677
Decachlorobiphenyl	6.65	6.68	6.71	432746	31.55539

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	1081646	27.39451
Decachlorobiphenyl	6.13	6.16	6.19	463867	28.65977

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐ Tetrachloro-m-xylene	A	28.39677				3.59	
☐ Tetrachloro-m-xylene-D1	A	28.39677					
☐ Tetrachloro-m-xylene-D2	B	27.39451					
☐ Decachlorobiphenyl	A	31.55539				9.62	
☐ Decachlorobiphenyl-D1	A	31.55539					
☐ Decachlorobiphenyl-D2	B	28.65977					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**40.87**	
3.23	3.25	3.27	332833.7	498.293951			1
3.45	3.47	3.49	341781.3	499.897888			2
3.56	3.58	3.60	365793.9	448.80505			3
3.74	3.76	3.78	362594.3	454.400561			4
3.78	3.80	3.82	499772.6	533.665173			5
3.91	3.93	3.95	612396.6	1066.070767			6
Height summation:			**2515172.4**				
Concentration		CF:	**583.522232**	L:			
Aroclor-1260						**47.14**	
4.82	4.84	4.86	4156852	2811.106659			1
5.02	5.04	5.06	3108242	2141.392662			2
5.23	5.25	5.27	6497076	4717.23285			3
5.45	5.47	5.49	1256239	1575.065679			4
5.69	5.71	5.73	3566852	1826.155177			5
5.89	5.91	5.93	2364113	1850.820602			6
Height summation:			**20949374**				
Concentration		CF:	**2486.962272**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**48.87**	
2.92	2.94	2.96	342558.8	501.310407			1
3.12	3.14	3.16	457425.6	526.350439			2
3.25	3.26	3.29	437324.2	509.110266			3
3.40	3.44	3.44	25813.82	28.038901			4
3.44	3.46	3.48	449992.4	520.403623			5
3.57	3.59	3.61	501061	703.507983			6
Height summation:			**2214175.82**				
Concentration		CF:	**464.786937**	L:			
Aroclor-1260						**41.38**	
4.35	4.37	4.39	4993284	3297.660806			1
4.49	4.51	4.53	5360061	3085.867235			2
4.60	4.61	4.64	4097210	2917.200982			3
4.72	4.74	4.76	8732311	5152.214238			4
5.14	5.16	5.18	3652330	1669.072618			5
5.40	5.42	5.44	2458993	1897.592738			6
Height summation:			**29294189**				
Concentration		CF:	**3003.268103**	L:			

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:55

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Data Summary

Sample Name: 9202655 MSD ACF DF10 -112W MSD Sample ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.16 g Total Volume: 100 ml Analyst: 2855 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 11:25:24
Instrument	19843A
Result file	07PCBS17250008.0099.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 11:25:24
Instrument	19843B
Result file	07PCBS17250008B.0099.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016	A	583.522232	501.9685	97.4409		22.65	4	
PCB-1221			<501.9685	<150.5906			3	
PCB-1232			<501.9685	<121.063			4	
PCB-1242			<501.9685	<121.063			4	
PCB-1248			<501.9685	<97.4409			4	
PCB-1254			<501.9685	<129.9213			4	
PCB-1260	B	3003.268103	501.9685	115.1575		18.81	4	
PCB-1262			<501.9685	<97.4409			4	
PCB-1268			<501.9685	<97.4409			4	
Total PCBs	A	3586.790335	501.9685	97.4409				

Units: ug/kg

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

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:55

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202655** MSD ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.16 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0099.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 94% (61-152) Conc.: 28.39677
%SSR(DCB) : 118% (48-164) Conc.: 31.55539

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	40.87	
3.23	3.25	3.27	332833.7	498.293951			1
3.45	3.47	3.49	341781.3	499.897888			2
+ 3.45	3.48	3.49	180218.3	263.591799			2
3.56	3.58	3.60	365793.9	448.80505			3
+ 3.74	3.75	3.78	245773.6	308.001702			4
3.74	3.76	3.78	362594.3	454.400561			4
3.78	3.80	3.82	499772.6	533.665173			5
3.91	3.93	3.95	612396.6	1066.070767			6
Height Summation:			2515172.4				
Amount Avg CF:			583.522232	Linear:			
Aroclor-1221					3	32.77	
3.13	3.15	3.17	62537.05	202.214767			1
3.18	3.20	3.22	75429.28	266.644188			2
3.23	3.25	3.27	332833.7	386.289731			3
Height Summation:			470800.03				
Amount Avg CF:			285.049562	Linear:			
Aroclor-1232					6	63.64	
3.23	3.25	3.27	332833.7	424.736654			1
3.45	3.47	3.49	341781.3	1044.495601			2
+ 3.45	3.48	3.49	180218.3	550.753425			2
3.56	3.58	3.60	365793.9	932.934957			3
+ 3.74	3.75	3.78	245773.6	668.211299			4
3.74	3.76	3.78	362594.3	985.824385			4
3.78	3.80	3.82	499772.6	1088.837529			5
E 3.91	3.93	3.95	612396.6	2650.385206			6
Height Summation:			2515172.4				
Amount Avg CF:			1187.869055	Linear:			
Aroclor-1242					6	45.34	
3.23	3.25	3.27	332833.7	372.150132			1
3.45	3.47	3.49	341781.3	380.137973			2
+ 3.45	3.48	3.49	180218.3	200.443439			2
3.56	3.58	3.60	365793.9	341.317883			3
+ 3.74	3.75	3.78	245773.6	208.125253			4
3.74	3.76	3.78	362594.3	307.051004			4
3.78	3.80	3.82	499772.6	385.807738			5
3.91	3.93	3.95	612396.6	837.582685			6
Height Summation:			2515172.4				
Amount Avg CF:			437.341236	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0099.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 91% (61-152) Conc.: 27.39451
%SSR(DCB) : 107% (48-164) Conc.: 28.65977

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	17.74	
2.92	2.94	2.96	342558.8	501.310407			1
3.12	3.14	3.16	457425.6	526.350439			2
3.25	3.26	3.29	437324.2	509.110266			3
+ 3.40	3.41	3.44	243470.9	264.457425			4
3.40	3.42	3.44	384363.9	417.495016			4
+* 3.44	3.44	3.48	25813.82	29.852961			5
+* 3.40	3.44	3.44	25813.82	28.038901			4
3.44	3.46	3.48	449992.4	520.403623			5
3.57	3.59	3.61	501061	703.507983			6
+ 3.57	3.61	3.61	186290.5	261.55868			6
Height Summation:			2572725.9				
Amount Avg CF:			529.696289	Linear:			
Aroclor-1221					3	26.99	
2.80	2.82	2.84	81905.16	220.059704			1
+ 2.86	2.87	2.90	5044.519	21.607295			2
2.86	2.88	2.90	63588.25	272.368895			2
2.92	2.94	2.96	342558.8	373.276274			3
Height Summation:			488052.21				
Amount Avg CF:			288.568291	Linear:			
Aroclor-1232					6	39.62	
2.92	2.94	2.96	342558.8	409.758908			1
3.12	3.14	3.16	457425.6	1042.512694			2
3.25	3.26	3.29	437324.2	1030.493913			3
+ 3.40	3.41	3.44	243470.9	574.665628			4
3.40	3.42	3.44	384363.9	907.216106			4
+* 3.40	3.44	3.44	25813.82	60.928493			4
+* 3.44	3.44	3.48	25813.82	59.831015			5
3.44	3.46	3.48	449992.4	1042.987905			5
3.57	3.59	3.61	501061	1673.279231			6
+ 3.57	3.61	3.61	186290.5	622.111928			6
Height Summation:			2572725.9				
Amount Avg CF:			1017.708126	Linear:			
Aroclor-1242					6	28.23	
2.92	2.94	2.96	342558.8	362.513277			1
3.12	3.14	3.16	457425.6	596.078608			2
3.25	3.26	3.29	437324.2	389.494163			3
+ 3.40	3.41	3.44	243470.9	182.130196			4
3.40	3.42	3.44	384363.9	287.52624			4
+* 3.44	3.44	3.48	25813.82	21.568261			5
+* 3.40	3.44	3.44	25813.82	19.310218			4
3.44	3.46	3.48	449992.4	375.98284			5
3.57	3.59	3.61	501061	556.542049			6
+ 3.57	3.61	3.61	186290.5	206.917913			6
Height Summation:			2572725.9				
Amount Avg CF:			428.022863	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202655** MSD ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.16 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0099.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**53.29**	
3.78	3.80	3.82	499772.6	1082.575456			1
3.84	3.86	3.88	426563.1	868.587909			2
3.91	3.93	3.95	612396.6	748.906553			3
4.03	4.06	4.07	420142	455.01863			4
4.12	4.15	4.16	515111.5	644.352493			5
4.30	4.31	4.34	1607875	1882.977515			6
+ 4.30	4.33	4.34	383442.8	449.048695			6
Height Summation:			**4081860.8**				
Amount Avg CF:			**947.069759**	Linear:			
Aroclor-1254					**6**	**53.38**	
4.29	4.31	4.32	1607875	1746.288562			1
4.63	4.66	4.67	1407538	1441.444948			2
+ 4.63	4.67	4.67	125427.3	128.448786			2
4.69	4.72	4.73	8203950	3971.314585			3
4.91	4.93	4.95	4688143	3712.479511			4
5.11	5.13	5.15	3444428	4767.093275			5
5.23	5.25	5.27	6497076	6844.99482			6
Height Summation:			**25849010**				
Amount Avg CF:			**3747.269284**	Linear:			
Aroclor-1260					**6**	**47.14**	
4.82	4.84	4.86	4156852	2811.106659			1
5.02	5.04	5.06	3108242	2141.392662			2
+ 5.02	5.06	5.06	364079	250.828635			2
5.23	5.25	5.27	6497076	4717.23285			3
5.45	5.47	5.49	1256239	1575.065679			4
5.69	5.71	5.73	3566852	1826.155177			5
5.89	5.91	5.93	2364113	1850.820602			6
Height Summation:			**20949374**				
Amount Avg CF:			**2486.962271**	Linear:			
Aroclor-1262					**6**	**37.87**	
5.29	5.31	5.33	1057975	894.082461			1
5.45	5.47	5.49	1256239	1194.208789			2
5.69	5.71	5.73	3566852	1545.316088			3
5.89	5.91	5.93	2364113	1500.640036			4
5.95	5.97	5.99	360138.5	454.329167			5
6.31	6.34	6.35	671763.4	945.103257			6
Height Summation:			**9277080.9**				
Amount Avg CF:			**1088.946633**	Linear:			
Aroclor-1268					**6**	**95.49**	
5.89	5.91	5.93	2364113	836.52827			1
5.95	5.97	5.99	360138.5	147.368575			2
6.08	6.10	6.12	32770.9	13.973365			3
+ 6.14	6.15	6.18	75174.19	122.086556			4
6.14	6.18	6.18	558176	906.505083			4
6.31	6.34	6.35	671763.4	929.506013			5
6.51	6.54	6.55	150369.8	31.611648			6
Height Summation:			**4137331.6**				
Amount Avg CF:			**477.582159**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0099.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**52.54**	
+ 3.44	3.44	3.48	25813.82	65.180409			1
3.44	3.46	3.48	449992.4	1136.239755			1
3.51	3.53	3.55	452600.7	833.656139			2
3.55	3.56	3.59	674325.2	721.284575			3
3.67	3.69	3.71	511990.2	455.485142			4
+ 3.76	3.77	3.80	148411	190.943117			5
3.76	3.78	3.80	459560.6	591.263001			5
3.90	3.92	3.94	2643231	1787.760312			6
Height Summation:			**5191700.1**				
Amount Avg CF:			**920.948154**	Linear:			
Aroclor-1254					**6**	**38.53**	
4.20	4.22	4.24	2140582	1825.613695			1
4.26	4.28	4.30	7501322	3618.222817			2
4.35	4.37	4.39	4993284	5127.503082			3
4.42	4.44	4.46	4360586	3405.242638			4
4.64	4.66	4.68	3022119	3352.153685			5
4.72	4.74	4.76	8732311	6113.248048			6
Height Summation:			**30750204**				
Amount Avg CF:			**3906.997327**	Linear:			
Aroclor-1260					**6**	**41.38**	
4.35	4.37	4.39	4993284	3297.660806			1
4.49	4.51	4.53	5360061	3085.867235			2
4.60	4.61	4.64	4097210	2917.200982			3
4.72	4.74	4.76	8732311	5152.214238			4
5.14	5.16	5.18	3652330	1669.072618			5
5.40	5.42	5.44	2458993	1897.592738			6
Height Summation:			**29294189**				
Amount Avg CF:			**3003.268103**	Linear:			
Aroclor-1262					**6**	**39.38**	
4.76	4.77	4.80	853528.8	515.037933			1
4.95	4.96	4.99	1514090	981.796654			2
5.14	5.16	5.18	3652330	1283.549479			3
5.36	5.37	5.40	572191.5	555.982738			4
5.40	5.42	5.44	2458993	1416.472738			5
5.78	5.80	5.82	643738.4	866.426031			6
Height Summation:			**9694871.7**				
Amount Avg CF:			**936.544262**	Linear:			
Aroclor-1268					**6**	**121.43**	
5.36	5.37	5.40	572191.5	194.054462			1
5.40	5.42	5.44	2458993	869.783983			2
5.56	5.57	5.60	128500.1	54.365992			3
5.62	5.64	5.66	13479.08	23.426499			4
5.78	5.80	5.82	643738.4	794.457478			5
5.98	6.00	6.02	142802.6	25.608551			6
Height Summation:			**3959704.68**				
Amount Avg CF:			**326.949494**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202655** MSD ACF DF10 -112W ID: AC **Batchnumber: 172560012A**
Sample Amount: 10.16 g Total Volume: 100 ml Analyst: 0492 SDG: ATG66 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0099.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 11:25:24
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0099.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			501.9685	97.441		9.67	4	40	
Aroclor-1221			501.9685	150.5906		1.23	3	40	
Aroclor-1232			501.9685	121.063	E	15.43	4	40	
Aroclor-1242			501.9685	121.063		2.15	4	40	
Aroclor-1248			501.9685	97.441		2.80	4	40	
Aroclor-1254			501.9685	129.9213		4.17	4	40	
Aroclor-1260			501.9685	115.1575		18.81	4	40	
Aroclor-1262			501.9685	97.441		15.05	4	40	
Aroclor-1268			501.9685	97.441		37.45	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:25:24 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0099.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.642		33910	51996
1.701		14967	19920
1.747		27101	31962
1.799		11650	13217
1.822		6508	5273
1.944		3450	1951
2.113		14182	21864
2.153		15728	24522
2.202		48228	33207
2.27		27885	17852
2.293		5340	4066
2.385		3201	3222
2.437		8140	9984
2.462		10294	10267
2.515		1907	730
2.55		9624	9349
2.637		6271	3637
2.72		14105	8576
2.76		2579	1768
2.805		9645	6609
2.874		5136	3505
2.949		4578	2257
2.975		2498	1803
3	TCX	1092023	717529
3.07		3196	3749
3.108		8538	5577
3.148		62537	53403
3.204		75429	50699
3.226		2214	918
3.251		332834	231411
3.302		19907	11263
3.321		14246	7961
3.345		45029	28052
3.4		4864	3944
3.423		5848	4044
3.467		341781	208139
3.484		180218	96965
3.521		38497	21569
3.537		18917	8803
3.548		18380	7655
3.582		365794	274911
3.633		6774	3837
3.658		62632	43042
3.691		98635	56294
3.706		50683	24978
3.75		245774	132414
3.762		362594	187858
3.8		499773	406119
3.861		426563	324553
3.902		39701	27702
3.929		612397	451840
3.957		270946	234366
3.979		68467	37406

RT A	Compound A	Height A	Area A
4.055		420142	297333
4.08		129971	85674
4.112		225277	160600
4.145		515112	522335
4.187		127214	106078
4.221		14303	8713
4.234		19966	11405
4.272		115929	84322
4.308		1607875	1178647
4.327		383443	209480
4.354		713846	590326
4.421		982729	831057
4.465		3644349	3475179
4.499		1708338	1374229
4.541		146846	102131
4.563		258807	182646
4.605		1235939	1089807
4.656		1407538	1063340
4.672		125427	45859
4.687		599962	350931
4.718		8203950	6776700
4.767		942269	676286
4.782		204842	97030
4.802		644356	449221
4.843		4156852	3968016
4.89		517479	467302
4.93		4688143	4320982
4.963		88629	54925
4.991		980816	908535
5.043		3108242	2459926
5.057		364079	236497
5.094		405667	337125
5.131		3444429	3435793
5.176		401513	305582
5.201		120071	85857
5.212		240053	147652
5.247		6497077	5785176
5.27		394003	188229
5.288		198584	102349
5.312		1057975	912350
5.355		802984	809212
5.451		1485255	1150265
5.474		1256239	935096
5.504		20793	9637
5.531		817629	714342
5.568		572458	537064
5.593		13277	7001
5.608		27951	23532
5.65		1109815	1034824
5.681		248220	194550
5.707		3566852	3129900
5.793		41266	36233
5.827		15211	9957
5.85		12222	6939
5.868		24201	16822
5.912		2364113	2221824
5.942		212690	143675
5.966		360139	369324
6.006		5892	3992
6.076		114696	102090
6.101		32771	22213
6.131		11910	8000
6.153		75174	57628
6.18		558176	512938
6.214		5876	3874
6.245		49081	42898

RT A	Compound A	Height A	Area A
6.281		4400	2487
6.306		50262	35549
6.335		671763	655431
6.379		51453	45163
6.535		150370	148322
6.65		9847	7590
6.683	DCB	432746	431276
6.718		20025	16054
6.803		1422	920
6.839		1742	507
6.886		1645	719
6.936		3372	4218
7.024		1405	528
7.030		2202	500
7.063		1889	670
7.105		2108	476
7.182		1319	458
7.193		1377	301
7.258		1303	1151
7.272		1506	480
7.31		1415	321
7.408		1174	271
7.508		1664	431
7.567		1607	1067
7.722		1602	351
7.751		1138	453
7.98		2017	552
8.076		2267	839
8.093		2357	1616
8.307		1274	811
8.361		1705	2266
8.477		1575	1256
8.635		2422	884

LANCASTER LABORATORIES

Sample Number: 9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:25:24 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0099.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		18300	20053
1.564		5660	4496
1.59		3289	2750
1.655		2289	2841
1.833		6098	5635
1.864		3058	2181
1.91		52778	42864
1.967		7570	7646
1.993		27333	18129
2.031		10319	16449
2.15		9142	7783
2.171		2804	1825
2.193		2143	952
2.224		2050	1425
2.268		9744	9588
2.347		12029	18116
2.401		15389	10115
2.471		7841	6706
2.569		2543	2923
2.652	TCX	1081646	668403
2.695		33268	26206
2.738		5794	10264
2.822		81905	52652
2.869		5045	2145
2.883		63588	36356
2.935		342559	211468
2.958		19955	8823
2.987		5087	4820
3.046		48040	32064
3.079		2513	1989
3.142		457426	444352
3.193		50844	30560
3.215		42084	24490
3.24		35847	19154
3.264		437324	297195
3.302		63511	45758
3.347		115120	59567
3.362		68013	31881
3.393		2630	1427
3.413		243471	110991
3.422		384364	173306
3.442		25814	10091
3.456		449992	318933
3.53		452601	290643
3.565		674325	425024
3.589		501061	283216
3.606		186291	89259
3.692		511990	339301
3.714		168113	91121
3.736		235082	155059
3.766		148411	77256
3.783		459561	279008
3.825		159704	130865
3.865		115633	96818

3.895		190041	111529
3.917		2643231	1708867
3.942		301894	168893
3.962		447205	248286
3.982		945671	595069
4.017		3842905	2566376
4.049		1641679	1055223
4.066		363827	175647
4.088		148991	86877
4.128		265663	209605
4.163		1108381	802107
4.183		45659	22663
4.22		2140582	1586349
4.254		840768	693474
4.281		7501322	6001973
4.319		812011	784959
4.373		4993285	3996789
4.411		522923	429099
4.443		4360587	2969519
4.467		1268658	858734
4.511		5360061	4278973
4.562		23465	16553
4.612		4097210	4077693
4.664		3022119	2461526
4.704		1401061	1240261
4.742		8732311	7272663
4.775		853529	670858
4.813		923170	719269
4.872		79810	89997
4.913		191046	117034
4.931		248353	156695
4.965		1514090	1126035
4.989		1898385	1385621
5.018		10166	4998
5.04		1115747	912044
5.075		515941	408788
5.104		319133	244650
5.137		1038156	686779
5.159		3652330	2868548
5.2		73252	46285
5.231		130876	108233
5.273		5410	2866
5.296		39700	29058
5.329		25568	18657
5.351		22056	12832
5.374		572192	491649
5.418		2458993	2734993
5.517		5894	4400
5.573		128500	107553
5.619		76129	73523
5.643		13479	6514
5.665		187111	134500
5.691		333853	263532
5.733		10025	9987
5.772		44517	30441
5.799		643738	540770
5.83		33666	25602
5.877		3550	2839
5.998		142803	126159
6.158	DCB	463867	433604
6.194		24295	19821
6.287		3302	3419
6.36		5929	5971
6.601		4417	3428
6.963		1055	2401
7.07		2468	2975
7.624		4457	6277

8.078	1086	1415
8.194	4038	6243
8.295	9021	17156
8.517	6984	12296

9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846

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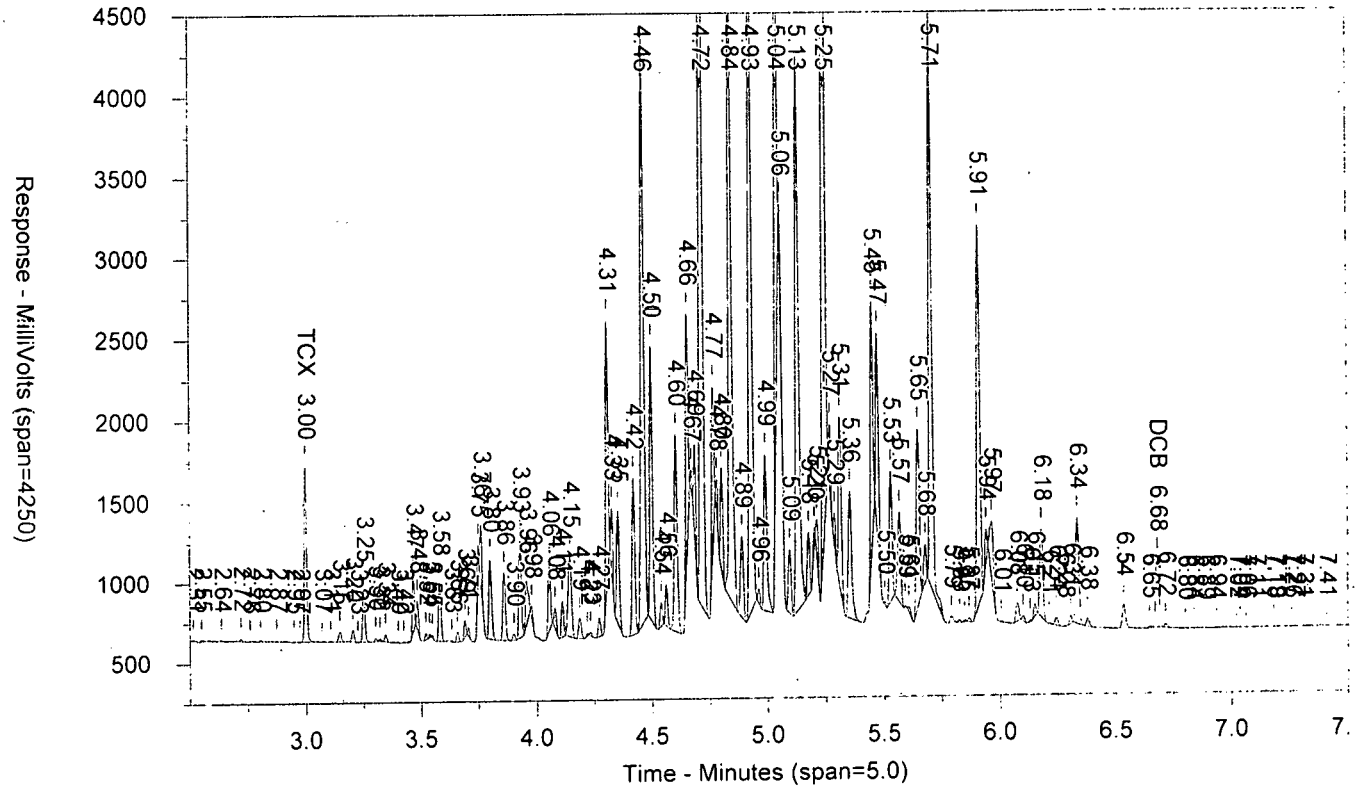

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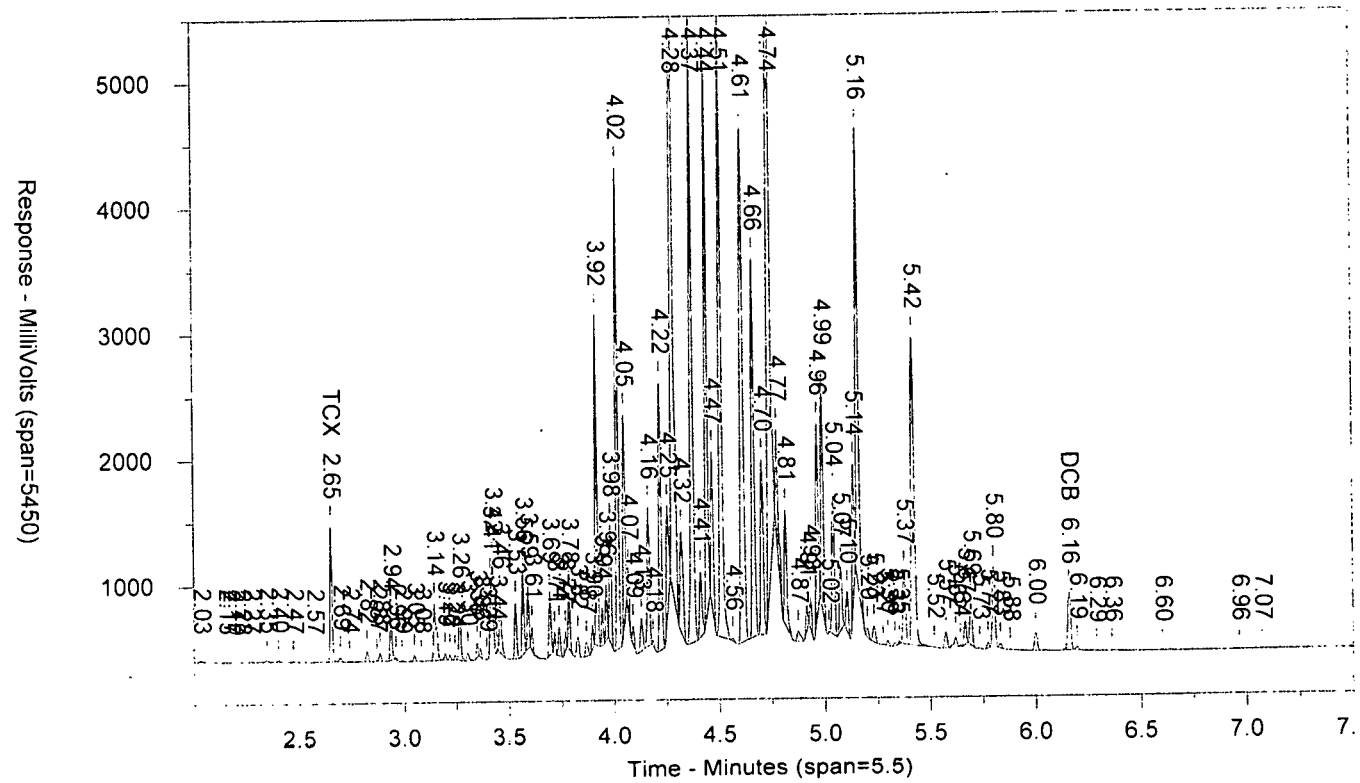

LANCASTER LABORATORIES

Sample Number: 9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 11:25:24 AM Sample Weight: 10.16
Instrument ID: CP7-19843A Dilution Factor: 100
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	1092023	28.397	TCX	2.652	1081646	27.395	TCX
6.683	432746	31.555	DCB	6.158	463867	28.66	DCB

Files:
Area File: 07pcbs17250008.0099.RAW
Area File: 07pcbs17250008B.0099.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:34:05 AM
File Reported On: 9/18/2017 at 11:34:15 AM

9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846

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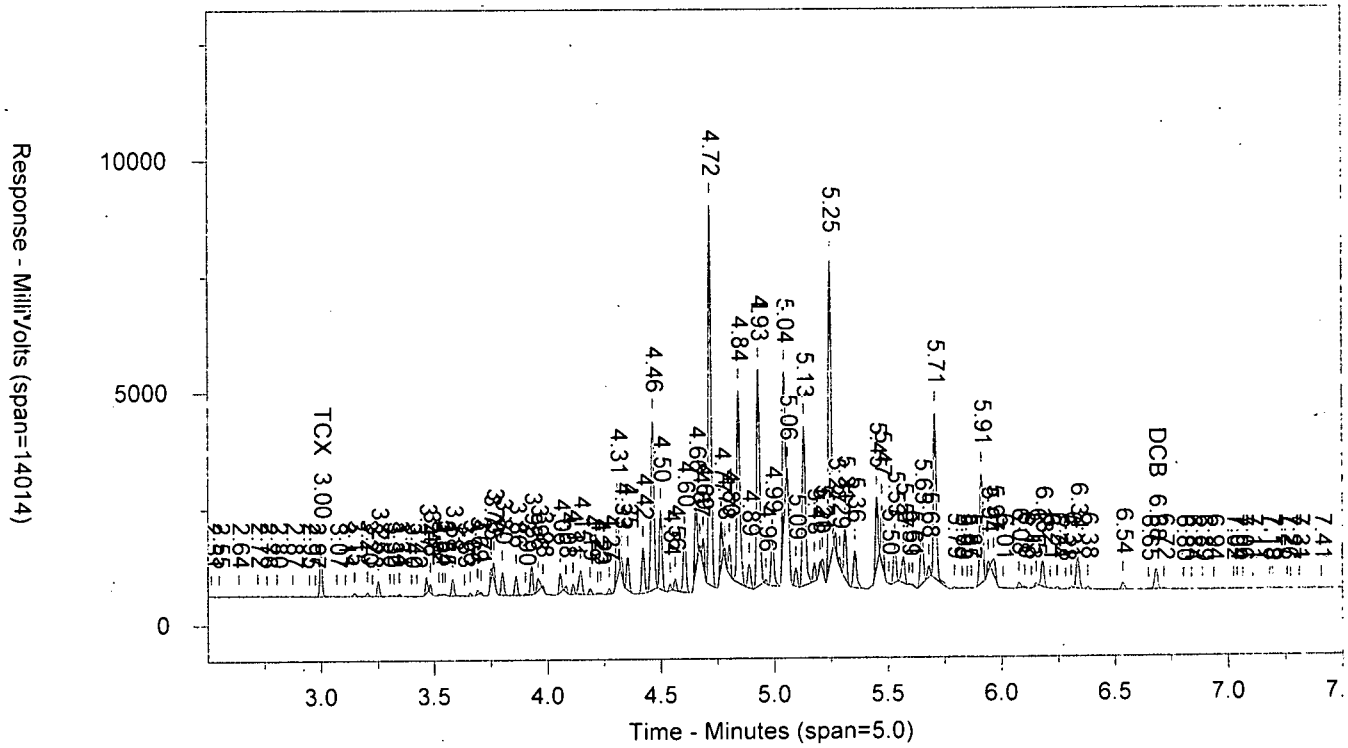

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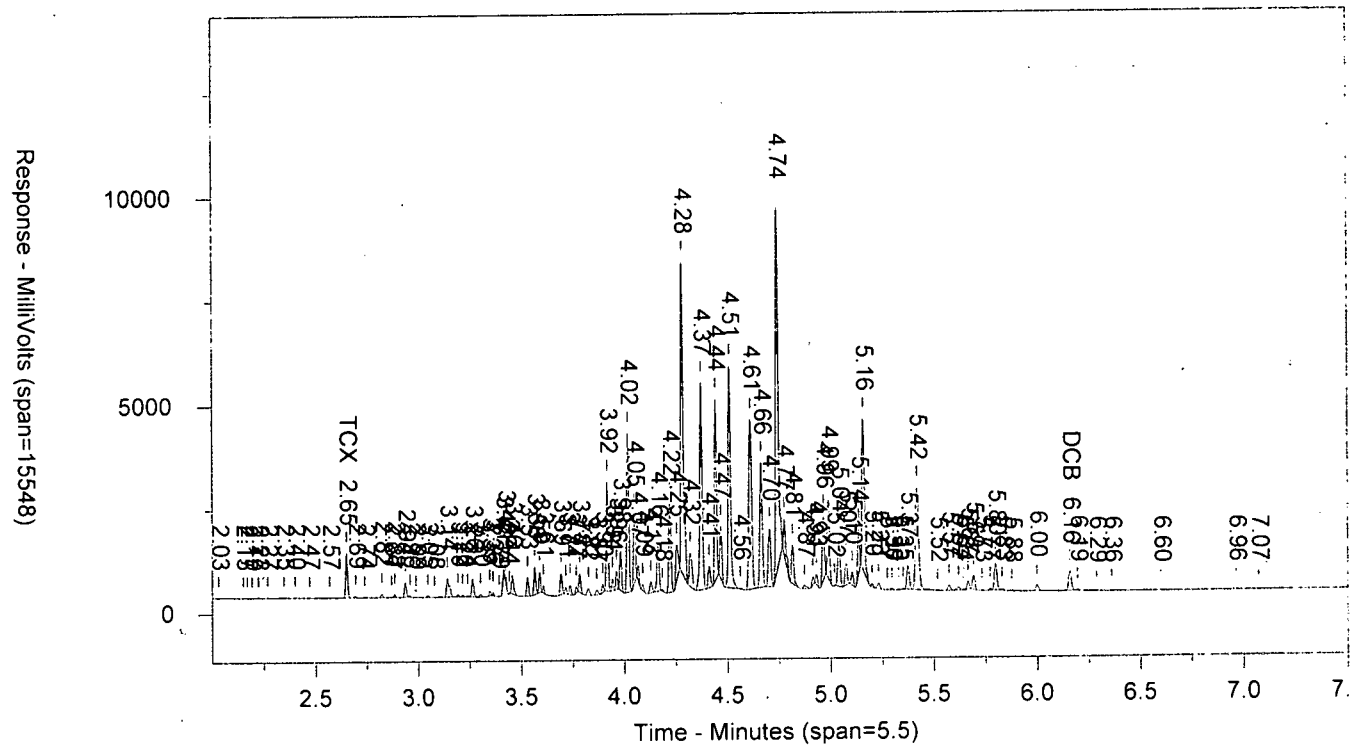

9202655MSD ACF DF10AC-112W MSD 172560012A 10225 SW-846

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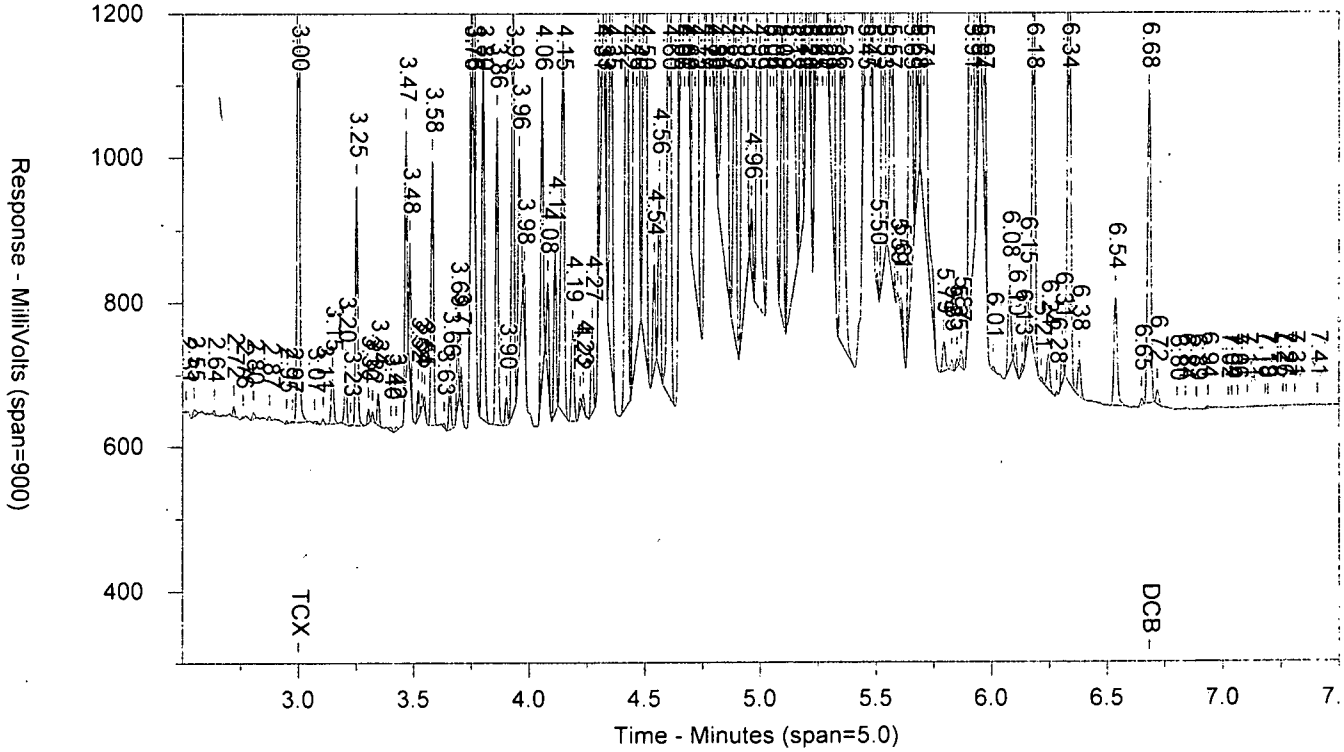

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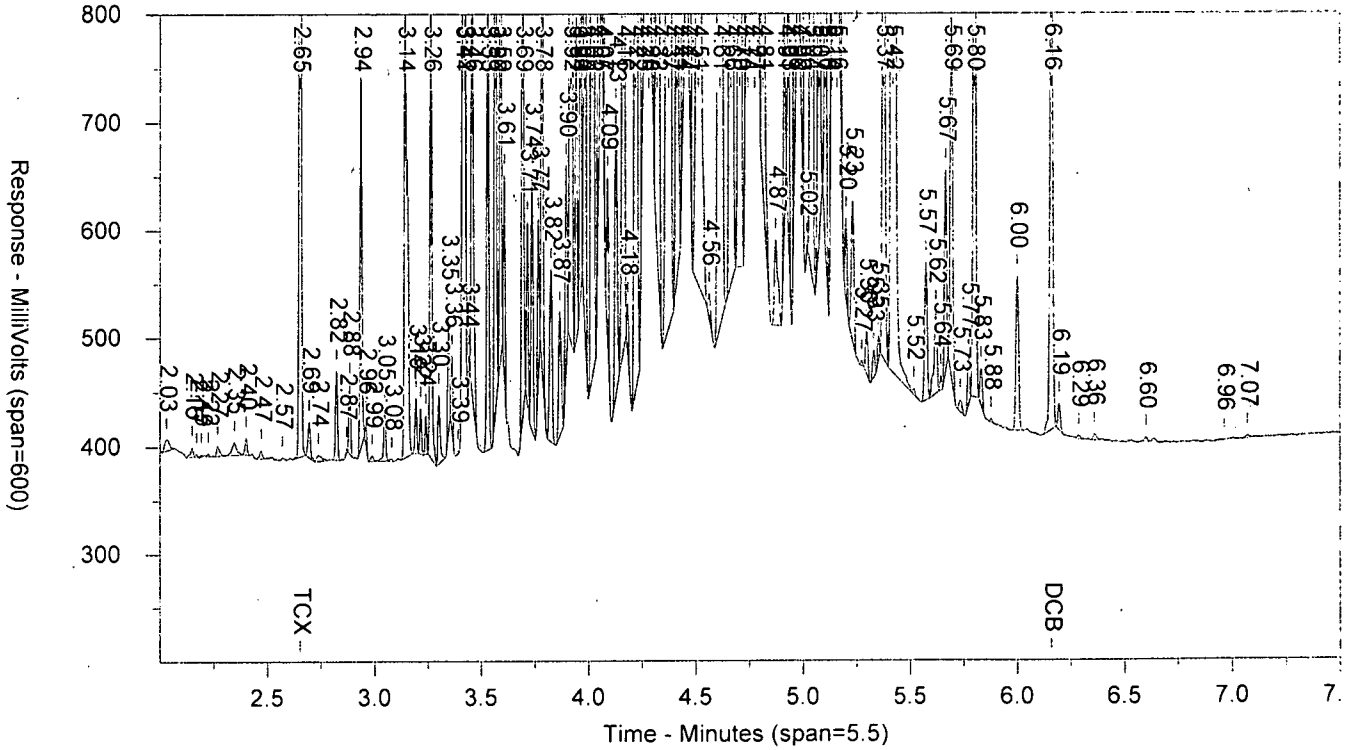

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Data Summary

Sample Name: LCSA 9/13/17 ACF LCS12256 LCS Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 08:26:28
Instrument	19843A
Result file	07PCBS17250008.0084.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 93% (61 - 152) Conc: 28.45485
%SSR(DCB) 88% (48 - 164) Conc: 23.93313

Analysis Report (B)

Injected on	Sep 18, 2017 08:26:28
Instrument	19843B
Result file	07PCBS17250008B.0084.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 97% (61 - 152) Conc: 29.64587
%SSR(DCB) 95% (48 - 164) Conc: 25.88864

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	10770240	28.45485	Tetrachloro-m-xylene	2.62	2.65	2.68	11521050	29.64587
Decachlorobiphenyl	6.65	6.68	6.71	3230467	23.93313	Decachlorobiphenyl	6.13	6.16	6.19	4124169	25.88864

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	29.64587				4.10	
Tetrachloro-m-xylene-D1	A	28.45485					
Tetrachloro-m-xylene-D2	B	29.64587					
Decachlorobiphenyl	B	25.88864				7.85	
Decachlorobiphenyl-D1	A	23.93313					
Decachlorobiphenyl-D2	B	25.88864					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**6.26**	
3.23	3.25	3.27	2617141	398.088059			1
3.45	3.47	3.49	2908462	432.205318			2
3.56	3.58	3.60	3223756	401.862191			3
3.74	3.76	3.78	3637831	463.184602			4
3.78	3.80	3.82	3642983	395.227606			5
3.91	3.93	3.95	2350021	415.64132			6
Height summation:			**18380194**				
Concentration		CF:	**417.701516**	L:			
Aroclor-1260						**3.25**	
4.82	4.84	4.86	6238228	428.615343			1
5.02	5.04	5.06	6223258	435.605144			2
5.23	5.24	5.27	6073355	448.014162			3
5.45	5.47	5.49	3348906	426.602172			4
5.69	5.71	5.73	8238340	428.534715			5
5.89	5.91	5.93	5096409	405.372306			6
Height summation:			**35218496**				
Concentration		CF:	**428.79064**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**0.90**	
2.92	2.94	2.96	2824047	419.891633			1
3.12	3.14	3.16	3582118	418.782108			2
3.25	3.26	3.29	3499146	413.870161			3
3.40	3.42	3.44	3738394	412.560347			4
3.44	3.46	3.48	3514160	412.905218			5
3.57	3.59	3.61	2877940	410.538482			6
Height summation:			**20035805**				
Concentration		CF:	**414.757992**	L:			
Aroclor-1260						**4.01**	
4.35	4.37	4.39	6301560	422.825819			1
4.49	4.51	4.53	6919200	404.722265			2
4.60	4.61	4.64	5445984	393.956433			3
4.72	4.74	4.76	6974426	418.087225			4
5.14	5.16	5.18	8593504	398.996617			5
5.40	5.42	5.44	5585024	437.889437			6
Height summation:			**39819698**				
Concentration		CF:	**412.746299**	L:			

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:36

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Data Summary

Sample Name: LCSA 9/13/17 ACF LCS12256 LCS Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 2855 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 08:26:28
Instrument	19843A
Result file	07PCBS17250008.0084.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 08:26:28
Instrument	19843B
Result file	07PCBS17250008B.0084.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016	A	417.701516	51	9.9		0.71	4	
PCB-1221			<51	<15.3			3	
PCB-1232			<51	<12.3			4	
PCB-1242			<51	<12.3			4	
PCB-1248			<51	<9.9			4	
PCB-1254			<51	<13.2			4	
PCB-1260	A	428.79064	51	11.7		3.81	4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs	A	846.492156	51	9.9				

Units: ug/kg

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

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Jessica L Miller on 9/18/2017 21:30:36

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS12256 Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0084.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**6.26**	
3.23	3.25	3.27	2617141	398.088059			1
3.45	3.47	3.49	2908462	432.205318			2
+ 3.45	3.48	3.49	1451314	215.669185			2
3.56	3.58	3.60	3223756	401.862191			3
+ 3.74	3.75	3.78	2242062	285.46917			4
3.74	3.76	3.78	3637831	463.184602			4
3.78	3.80	3.82	3642983	395.227606			5
3.91	3.93	3.95	2350021	415.64132			6
Height Summation:			**18380194**				
Amount Avg CF:			**417.701516**	Linear:			
Aroclor-1221					**3**	**31.35**	
3.13	3.15	3.17	496601.8	163.146392			1
E 3.18	3.20	3.22	629871.7	226.223628			2
E 3.23	3.25	3.27	2617141	308.607658			3
Height Summation:			**3743614.5**				
Amount Avg CF:			**232.659226**	Linear:			
Aroclor-1232					**6**	**30.74**	
E 3.23	3.25	3.27	2617141	339.322984			1
E 3.45	3.47	3.49	2908462	903.057533			2
E+ 3.45	3.48	3.49	1451314	450.623058			2
E 3.56	3.58	3.60	3223756	835.354428			3
E+ 3.74	3.75	3.78	2242062	619.326852			4
E 3.74	3.76	3.78	3637831	1004.881409			4
E 3.78	3.80	3.82	3642983	806.383237			5
E 3.91	3.93	3.95	2350021	1033.336284			6
Height Summation:			**18380194**				
Amount Avg CF:			**820.389312**	Linear:			
Aroclor-1242					**6**	**5.41**	
E 3.23	3.25	3.27	2617141	297.311504			1
E 3.45	3.47	3.49	2908462	328.662428			2
+ 3.45	3.48	3.49	1451314	164.001587			2
E 3.56	3.58	3.60	3223756	305.617666			3
+ 3.74	3.75	3.78	2242062	192.899399			4
E 3.74	3.76	3.78	3637831	312.986623			4
E 3.78	3.80	3.82	3642983	285.725726			5
E 3.91	3.93	3.95	2350021	326.558033			6
Height Summation:			**18380194**				
Amount Avg CF:			**309.476996**	Linear:			
Aroclor-1248					**6**	**50.66**	
3.78	3.80	3.82	3642983	801.745603			1
3.84	3.86	3.88	3425571	708.691424			2
3.91	3.93	3.95	2350021	291.984845			3
4.03	4.05	4.07	2662720	292.989656			4
4.12	4.14	4.16	2742577	348.557799			5
4.30	4.31	4.34	2594694	308.725645			6
+ 4.30	4.33	4.34	570739.7	67.908579			6
Height Summation:			**17418566**				
Amount Avg CF:			**458.782495**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0084.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**0.90**	
2.92	2.94	2.96	2824047	419.891633			1
3.12	3.14	3.16	3582118	418.782108			2
3.25	3.26	3.29	3499146	413.870161			3
+ 3.40	3.41	3.44	1675526	184.907098			4
3.40	3.42	3.44	3738394	412.560347			4
+* 3.40	3.44	3.44	146129.5	16.126507			4
+* 3.44	3.44	3.48	146129.5	17.169859			5
3.44	3.46	3.48	3514160	412.905218			5
3.57	3.59	3.61	2877940	410.538482			6
+ 3.57	3.61	3.61	915996.6	130.667024			6
Height Summation:			**20035805**				
Amount Avg CF:			**414.757992**	Linear:			
Aroclor-1221					**3**	**34.79**	
2.80	2.82	2.84	588642.2	160.68464			1
+ 2.86	2.87	2.90	47670.64	20.745568			2
E 2.86	2.88	2.90	466429.2	202.98319			2
E 2.92	2.94	2.96	2824047	312.651766			3
Height Summation:			**3879118.4**				
Amount Avg CF:			**225.439865**	Linear:			
Aroclor-1232					**6**	**28.53**	
E 2.92	2.94	2.96	2824047	343.209186			1
E 3.12	3.14	3.16	3582118	829.458155			2
E 3.25	3.26	3.29	3499146	837.717701			3
E+ 3.40	3.41	3.44	1675526	401.802875			4
E 3.40	3.42	3.44	3738394	896.493075			4
+* 3.44	3.44	3.48	146129.5	34.411666			5
+* 3.40	3.44	3.44	146129.5	35.042878			4
E 3.44	3.46	3.48	3514160	827.540642			5
E 3.57	3.59	3.61	2877940	976.457315			6
E+ 3.57	3.61	3.61	915996.6	310.788821			6
Height Summation:			**20035805**				
Amount Avg CF:			**785.146012**	Linear:			
Aroclor-1242					**6**	**21.08**	
E 2.92	2.94	2.96	2824047	303.636807			1
E 3.12	3.14	3.16	3582118	474.260184			2
E 3.25	3.26	3.29	3499146	316.630841			3
+ 3.40	3.41	3.44	1675526	127.344377			4
E 3.40	3.42	3.44	3738394	284.127763			4
+* 3.44	3.44	3.48	146129.5	12.404934			5
+* 3.40	3.44	3.44	146129.5	11.106226			4
E 3.44	3.46	3.48	3514160	298.317056			5
E 3.57	3.59	3.61	2877940	324.775175			6
+ 3.57	3.61	3.61	915996.6	103.370104			6
Height Summation:			**20035805**				
Amount Avg CF:			**333.624638**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS12256 Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0084.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	88.46	
4.29	4.31	4.32	2594694	286.314658			1
+ 4.63	4.65	4.67	387738.8	40.343252			2
4.63	4.67	4.67	703718.8	73.22018			2
4.69	4.72	4.73	1832588	90.130096			3
4.91	4.93	4.95	961928.4	77.392642			4
5.11	5.13	5.15	2769126	389.379393			5
5.23	5.24	5.27	6073355	650.096087			6
Height Summation:			**14935410.2**				
Amount Avg CF:			**261.088843**	Linear:			
Aroclor-1260					6	3.25	
4.82	4.84	4.86	6238228	428.615343			1
5.02	5.04	5.06	6223258	435.605144			2
5.23	5.24	5.27	6073355	448.014162			3
5.45	5.47	5.49	3348906	426.602172			4
5.69	5.71	5.73	8238340	428.534715			5
5.89	5.91	5.93	5096409	405.372306			6
Height Summation:			**35218496**				
Amount Avg CF:			**428.79064**	Linear:			
Aroclor-1262					6	30.18	
E 5.29	5.31	5.33	2811477	241.396191			1
E 5.45	5.47	5.49	3348906	323.448139			2
E 5.69	5.71	5.73	8238340	362.631608			3
E 5.89	5.91	5.93	5096409	328.674703			4
5.95	5.97	5.99	1087416	139.376801			5
E 6.31	6.33	6.35	1664246	237.888885			6
Height Summation:			**22246794**				
Amount Avg CF:			**272.236055**	Linear:			
Aroclor-1268					6	91.78	
5.89	5.91	5.93	5096409	183.218943			1
5.95	5.97	5.99	1087416	45.208985			2
6.08	6.10	6.12	196620.2	8.517938			3
6.14	6.18	6.18	932765.6	153.90946			4
E 6.31	6.33	6.35	1664246	233.962954			5
6.51	6.53	6.55	453630.3	9.689074			6
Height Summation:			**9431087.1**				
Amount Avg CF:			**105.751226**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0084.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	60.66	
+ 3.44	3.44	3.48	146129.5	37.488357			1
E 3.44	3.46	3.48	3514160	901.529704			1
3.51	3.53	3.55	3847390	719.998599			2
3.55	3.56	3.59	2620972	284.834994			3
3.67	3.69	3.71	3297984	298.095087			4
+ 3.76	3.76	3.80	689881.8	90.179186			5
3.76	3.78	3.80	2452358	320.564549			5
3.90	3.92	3.94	3424544	235.326389			6
Height Summation:			**19157408**				
Amount Avg CF:			**460.05822**	Linear:			
Aroclor-1254					6	110.65	
4.20	4.22	4.24	794879.5	68.876651			1
+ 4.26	4.26	4.30	745713.4	36.544595			2
+ 4.26	4.28	4.30	737138	36.124347			2
4.26	4.29	4.30	1866263	91.458496			2
4.35	4.37	4.39	6301560	657.448056			3
4.42	4.44	4.46	584799.1	46.398465			4
4.64	4.67	4.68	726945.2	81.923357			5
4.72	4.74	4.76	6974426	496.072328			6
Height Summation:			**17248872.8**				
Amount Avg CF:			**240.362892**	Linear:			
Aroclor-1260					6	4.01	
4.35	4.37	4.39	6301560	422.825819			1
4.49	4.51	4.53	6919200	404.722265			2
4.60	4.61	4.64	5445984	393.956433			3
4.72	4.74	4.76	6974426	418.087225			4
5.14	5.16	5.18	8593504	398.996617			5
5.40	5.42	5.44	5585024	437.889437			6
Height Summation:			**39819698**				
Amount Avg CF:			**412.746299**	Linear:			
Aroclor-1262					6	26.07	
E 4.76	4.77	4.80	3294722	201.991698			1
E 4.95	4.96	4.99	4171472	274.822887			2
E 5.14	5.16	5.18	8593504	306.8362			3
5.36	5.37	5.40	1621739	160.101195			4
E 5.40	5.42	5.44	5585024	326.865948			5
E 5.78	5.80	5.82	1613797	220.68087			6
Height Summation:			**24880258**				
Amount Avg CF:			**248.5498**	Linear:			
Aroclor-1268					6	113.67	
5.36	5.37	5.40	1621739	55.880065			1
5.40	5.42	5.44	5585024	200.711781			2
5.56	5.57	5.60	152814.5	6.568741			3
5.62	5.64	5.66	122758.6	21.67668			4
E 5.78	5.80	5.82	1613797	202.3503			5
5.98	6.00	6.02	448115	8.164547			6
Height Summation:			**9544248.1**				
Amount Avg CF:			**82.558686**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 13/17 ACF LCS12256 Sample ID: AB **Batchnumber: 172560012A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843A
Result file : 07PCBS17250008.0084.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 08:26:28
Instrument : CP 7--19843B
Result file : 07PCBS17250008B.0084.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						0.71	4	40	
Aroclor-1221						3.15	3	40	
Aroclor-1232						4.39	4	40	
Aroclor-1242						7.51	4	40	
Aroclor-1248						0.28	4	40	
Aroclor-1254						8.27	4	40	
Aroclor-1260						3.81	4	40	
Aroclor-1262						9.10	4	40	
Aroclor-1268						24.63	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:26:28 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008.0084.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.507		7033	3589
1.561		3157	2307
1.639		28084	38863
1.692		9520	8140
1.743		61116	61556
1.772		25222	22707
1.858		12685	10480
1.91		5628	5623
1.944		4068	3478
1.972		10737	12347
2.06		11576	10306
2.104		4372	2986
2.147		19357	26918
2.202		556138	408510
2.248		10898	9692
2.269		24855	22307
2.295		36298	26126
2.391		26745	17946
2.403		17056	10655
2.433		9618	8510
2.461		328136	217467
2.508		5627	3498
2.553		18566	16011
2.575		8598	7784
2.605		9244	8872
2.636		34912	23719
2.717		3712	2956
2.771		21061	13579
2.812		123032	128461
2.878		6609	4207
2.911		7310	5253
2.942		13288	10086
2.999	TCX	10770240	7177129
3.147		496602	435727
3.203		629872	470812
3.25		2617141	1801947
3.327		12394	6258
3.344		372356	241402
3.365		4357	1692
3.383		12822	8283
3.426		32069	32774
3.465		2908462	1692718
3.482		1451314	755794
3.501		13070	3575
3.519		321728	181901
3.535		65052	24918
3.547		189748	93852
3.58		3223756	2277644
3.618		14670	6678
3.631		18107	8864
3.656		158320	121578
3.69		746809	415154
3.705		348144	182685

RT A	Compound A	Height A	Area A
3.748		2242062	1139186
3.76		3637831	1817399
3.799		3642983	2775171
3.836		4010	1459
3.859		3425571	2552362
3.9		288844	203430
3.928		2350021	1680591
3.955		1728628	1385704
3.978		460640	244204
4.03		3028	1317
4.054		2662720	1828737
4.079		914101	616390
4.11		1012809	720908
4.144		2742577	2549874
4.185		811270	668087
4.232		129256	107062
4.272		186141	135134
4.307		2594694	1920687
4.325		570740	302150
4.35		702734	542040
4.42		442698	373255
4.463		2864742	2642818
4.497		107727	76455
4.56		38748	29511
4.602		353587	326181
4.655		387739	253719
4.671		703719	462753
4.716		1832589	1626370
4.764		2737052	2875904
4.802		656575	456678
4.841		6238228	5464988
4.885		55387	45880
4.928		961928	1002296
4.962		67945	43604
4.989		992704	888929
5.041		6223258	7488651
5.093		1087504	1002966
5.132		2769127	2842875
5.174		32914	16602
5.212		484650	582533
5.245		6073355	5383155
5.268		250304	125399
5.286		87543	34392
5.311		2811477	2551418
5.354		1783437	1705988
5.449		761216	584437
5.472		3348906	2804954
5.529		1924914	1623196
5.566		1078832	1067180
5.608		192376	198936
5.649		1153290	1232313
5.707		8238340	8383412
5.79		2455	938
5.846		2855	2942
5.91		5096409	4649248
5.941		194480	172247
5.965		1087416	1212784
6.1		196620	188797
6.179		932766	1292100
6.333		1664246	1662002
6.378		119726	109659
6.534		453630	459090
6.602		1539	777
6.646		1593	406
6.681	DCB	3230467	3496557
6.953		1670	674

RT A	Compound A	Height A	Area A
7.124		1560	403
7.291		2079	801
7.439		1797	420
7.519		1915	1356
7.568		1657	1817
7.613		2000	538
7.714		1169	533
7.738		1989	887
7.76		1968	1121
7.903		2013	575
7.995		1383	350
8.114		1239	531
8.143		1345	693
8.445		1494	928
8.53		1168	691

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:26:28 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
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: 07pcbs17250008B.0084.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.549		5705	8032
1.646		13748	13067
1.663		11718	9848
1.704		5508	3824
1.793		9974	9632
1.823		4937	3929
1.843		8414	5628
1.862		29392	24206
1.91		549496	409270
1.965		49008	58636
2.027		32023	30465
2.091		15401	11158
2.133		11449	5250
2.152		338000	203189
2.175		4934	3143
2.235		8913	7713
2.269		7791	6774
2.319		6559	3093
2.337		38692	31357
2.399		4023	4514
2.427		23335	13935
2.47		107694	65230
2.497		104789	64339
2.551		2760	3688
2.588		3433	1952
2.607		7649	4198
2.627		11234	5078
2.652	TCX	11521050	7018472
2.695		254136	206192
2.729		5605	2338
2.743		7761	7523
2.772		22839	13794
2.822		588642	385457
2.849		2977	1309
2.869		47671	20378
2.884		466429	270664
2.935		2824047	1797555
2.986		37784	35547
3.013		4868	2045
3.046		382968	245372
3.076		7290	6103
3.094		4654	2348
3.142		3582119	3377749
3.194		400367	250429
3.215		201532	117729
3.241		265031	145614
3.264		3499147	2321696
3.3		131985	88461
3.347		906685	464771
3.362		511502	241639
3.388		5860	2563
3.412		1675526	873636
3.422		3738394	1630034
3.442		146130	48161

3.456		3514160	2381970
3.529		3847390	2403269
3.564		2620972	1627652
3.588		2877941	1570488
3.606		915997	447727
3.691		3297984	2118723
3.714		1223918	652372
3.735		1117244	659337
3.765		689882	369610
3.782		2452358	1552302
3.825		928685	664595
3.872		132655	119186
3.894		644155	381566
3.916		3424544	2313624
3.941		680624	397448
3.961		112199	54344
3.98		420355	264178
4.016		2935772	1959102
4.05		126131	71774
4.066		239964	150102
4.111		4796	2246
4.126		26629	18076
4.161		246977	253239
4.219		794880	567932
4.261		745713	455402
4.28		737138	385080
4.293		1866263	1046065
4.32		1064033	1114541
4.372		6301560	4601692
4.419		77550	72255
4.442		584799	382868
4.466		1291461	972035
4.509		6919200	5455380
4.613		5445984	5420330
4.666		726945	583460
4.704		1500261	1298941
4.741		6974427	5821230
4.774		3294722	2252819
4.812		2257083	1780111
4.913		690430	489561
4.929		67476	36027
4.964		4171472	3200054
4.988		563534	367120
5.038		2059882	1862743
5.074		1052398	828819
5.104		732647	608021
5.136		299876	175959
5.158		8593504	7233740
5.199		164090	120544
5.23		338227	269166
5.272		6766	4564
5.35		92466	58112
5.373		1621739	1341572
5.418		5585024	5897853
5.574		152815	132630
5.618		115378	86613
5.642		122759	92177
5.691		850146	754045
5.798		1613797	1413830
5.83		84602	60272
5.998		448115	412537
6.157	DCB	4124169	3701422
6.637		2232	2009
8.002		1735	1904
8.295		8378	14885

LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 80

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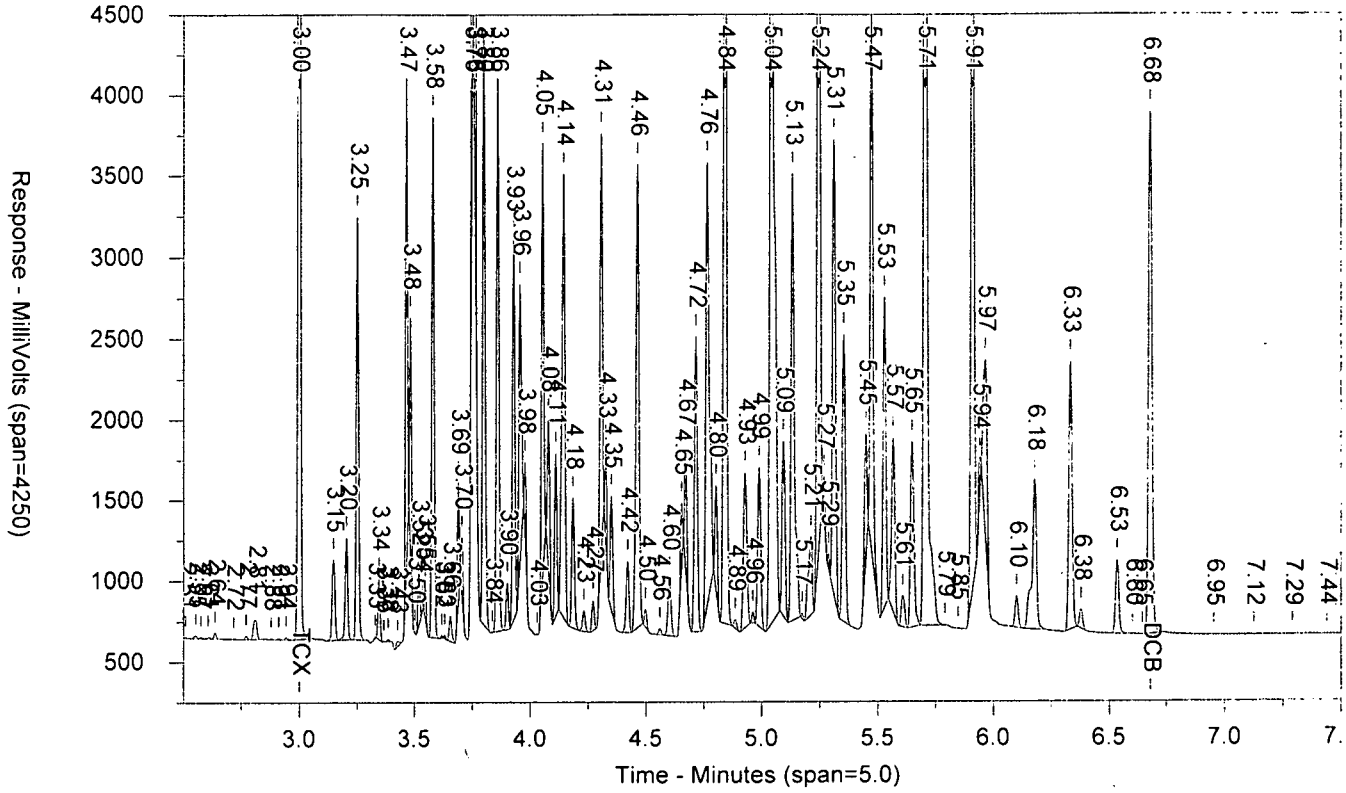

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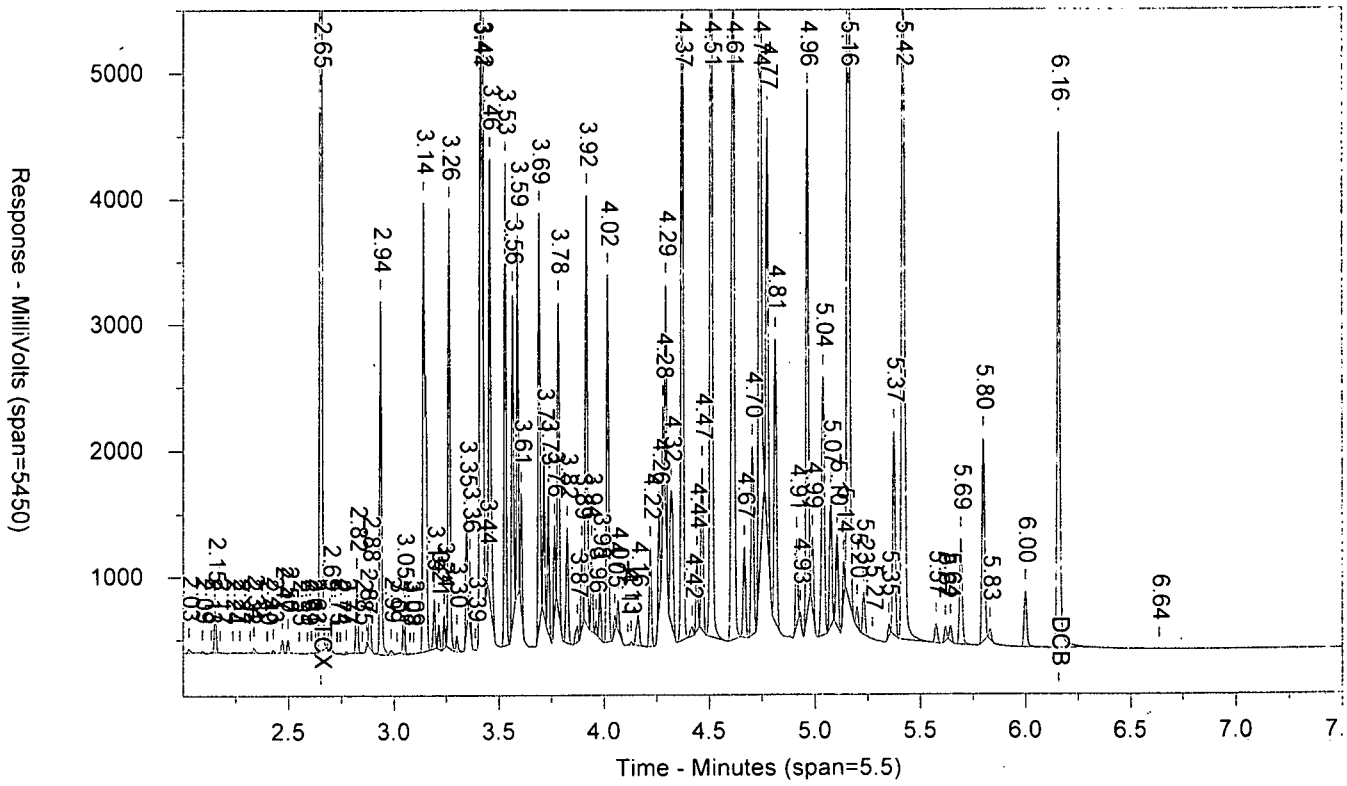

LANCASTER LABORATORIES

Sample Number: LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 8082
Injected On: 9/18/2017 8:26:28 AM
Sample Weight: 10
Instrument ID: CP7-19843A
Dilution Factor: 10
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: 8
Calibration Type: external
Quantitation: Height

Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	10770240	28.455	TCX	2.652	11521050	29.646	TCX
6.681	3230467	23.933	DCB	6.157	4124169	25.889	DCB

Files:
Area File: 07pcbs17250008.0084.RAW
Area File: 07pcbs17250008B.0084.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:55:16 AM
File Reported On: 9/18/2017 at 10:03:27 AM

LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 80

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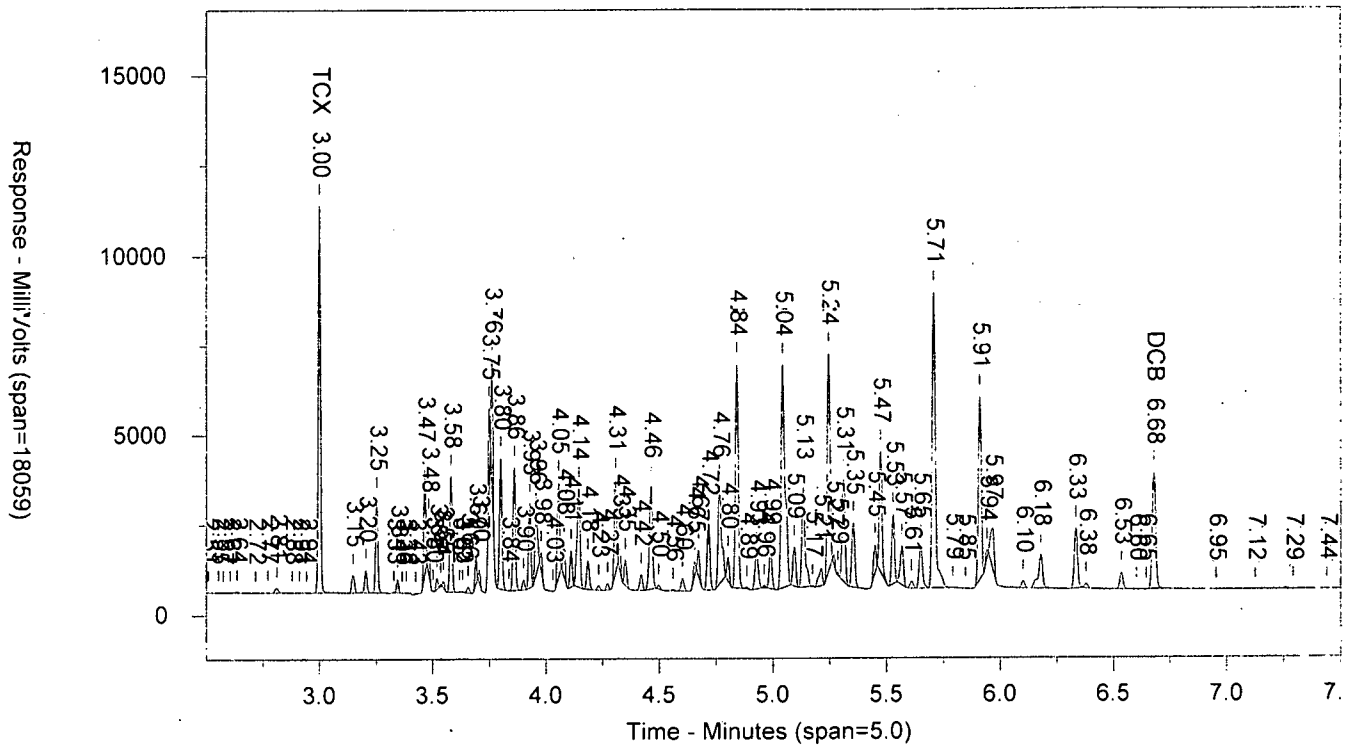

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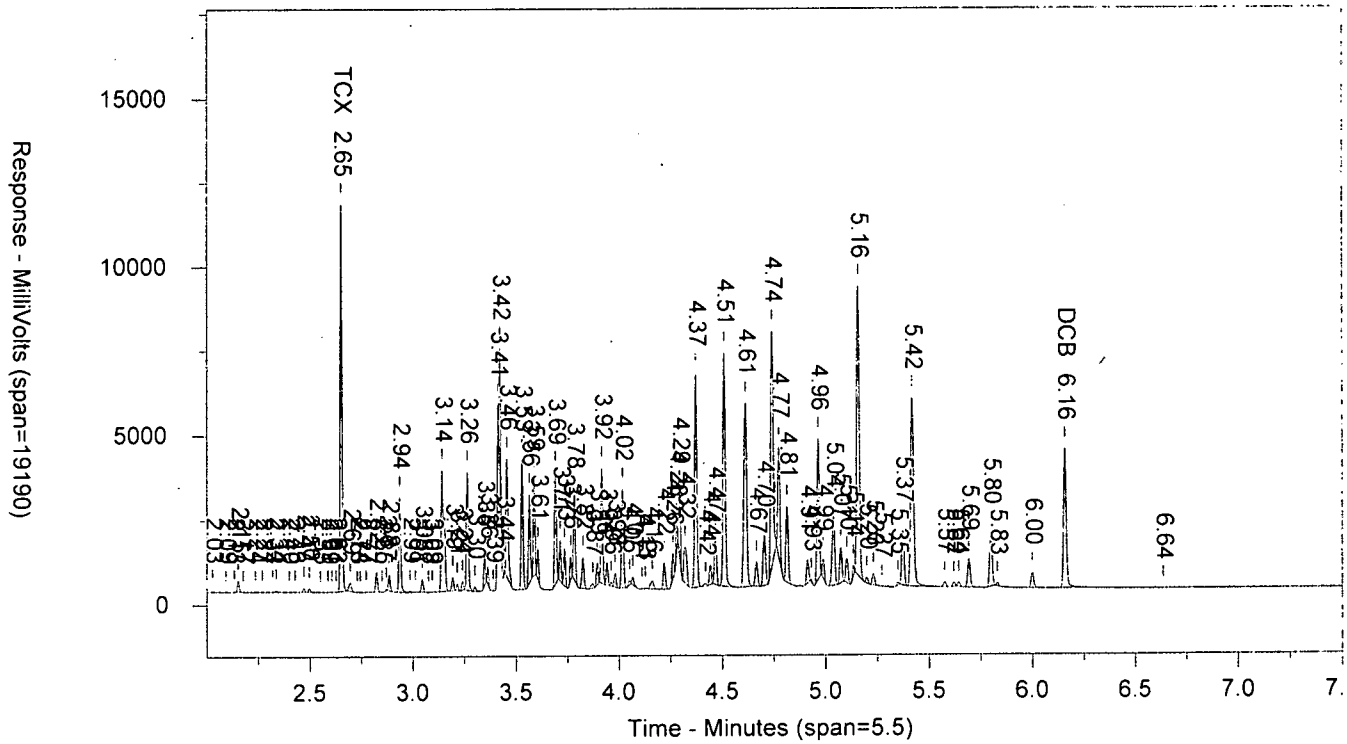

LCSA 9/13/17 ACF ABLCS12256 LCS 172560012A 10225 SW-846 80

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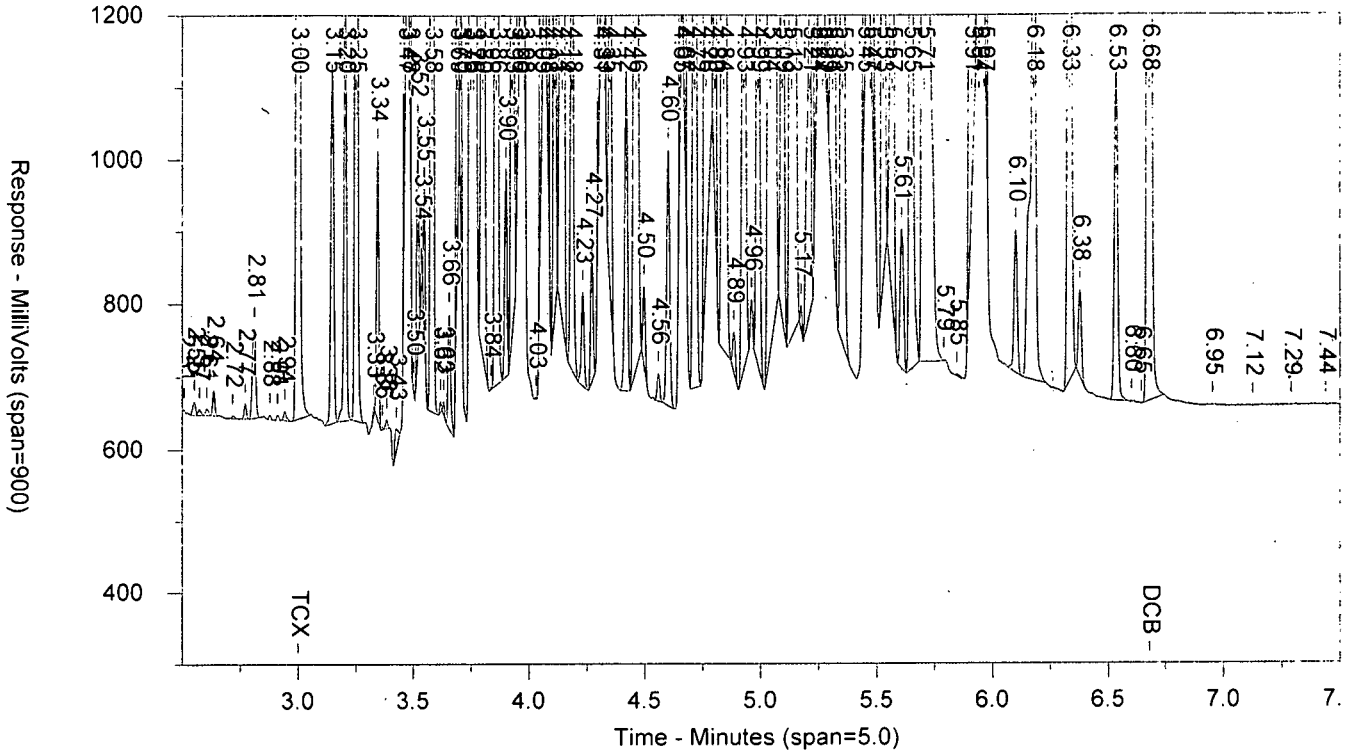

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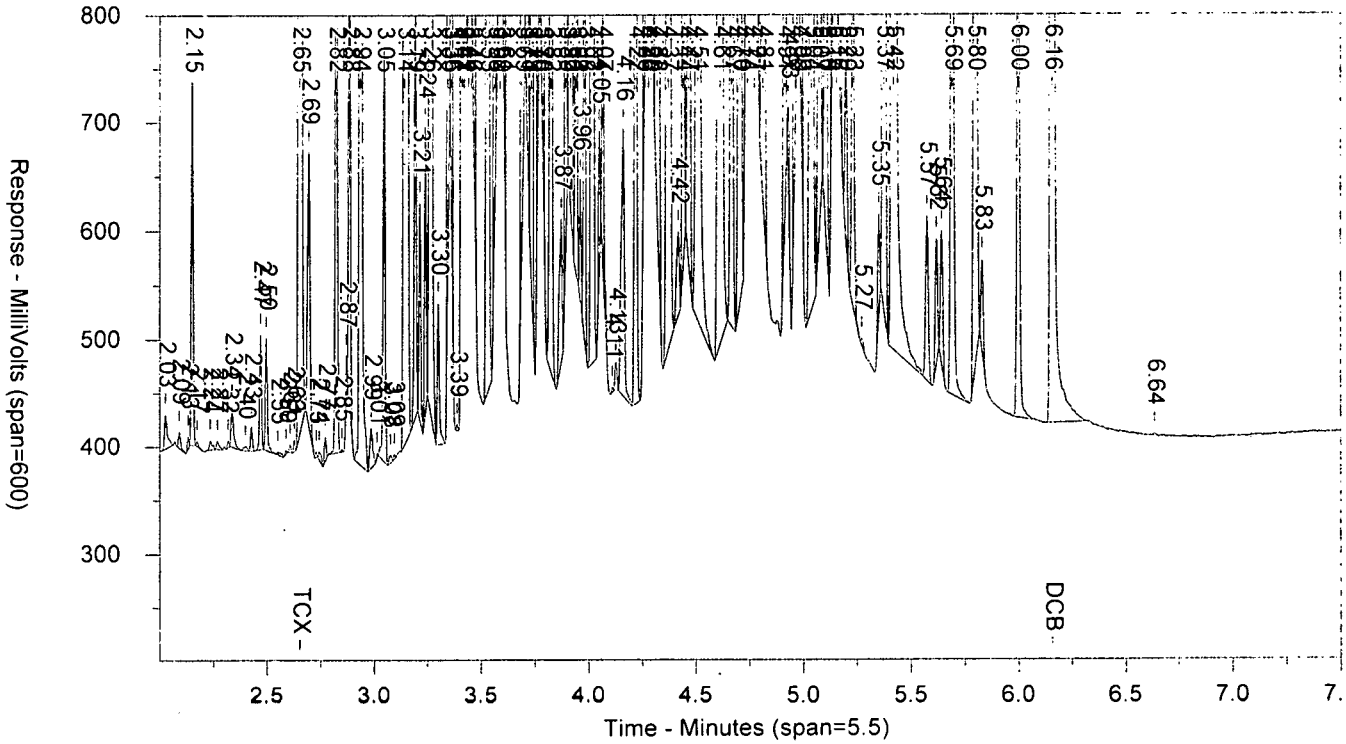

Extraction/Distillation/Digestion Logs

Polychlorinated Biphenyls (PCBs)

Organic Extraction Batchlog Assigned to: 504 Sally Appleyard Reviewed by: Kat Gobs Start Date: 9/13/17 Start time: 17:55

172560011A

Tech 1: SAT 504 Tech 2:

Dept: 24	Prep Analysis: 14248 PCB 10g Sonication Ext							PCBs in Solids by 8082/3550			
QC	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
9202635MS	-115W	10.33	SS1723424A	1.0	MS1725024C	1.0	10	Z	Z	314A	
9202636MSD	-115W	10.06	SS1723424A		MS1725024C	1.0	10	Z	Z	314A	
BLANKA	PBLK11256	10.0	SS1723424A				10	Z	Z		
LCSA	LCS11256	10.0	SS1723424A		MS1725024C	1.0	10	Z	Z		

Solvent Used	Lot No.
1:1 MeCl2/Acetone	183082
Filter Paper	923863
Hexane	174465
Sodium Sulfate	172541

Spike Solutions: Witness: NA

MS1725024C PCB SPIKE

SS1723424A SW846 SURROGATE STANDARI

	Sample #	Sample Code	Amt (G)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	List	Due Date	Prio
1	9202620	T199E	10.33	SS1723424A	1.0	10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
2	9202621	-100W	10.21	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Grey;Brown	10225	1869	09/21/2017	N
3	9202622	-100E	10.26	SS1723424A	1.0	10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
4	~~9202623~~	~~101W~~		~~SS1723424A~~			~~Z~~	~~Z~~	034a	onhold WCRA 9-13-17	10225	1869	09/21/2017	N
5	~~9202624~~	~~-101E~~		~~SS1723424A~~			~~Z~~	~~Z~~	034a		10225	1869	09/21/2017	N
6	9202625	-102W	10.30	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
7	9202626	-102E	10.06	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
8	9202627	-103W	10.13	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
9	9202628	-103E	10.32	SS1723424A		10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
10	9202629	-104W	10.20	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Black;Grey	10225	1869	09/21/2017	N
11	9202630	-104E	10.15	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Black;Brown	10225	1869	09/21/2017	N
12	9202631	-113E	10.35	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
13	9202632	DUP12	10.30	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
14	9202633	-114E	10.07	SS1723424A		10	Z	Z	314A	Soil;Sandy;Brown	10225	1869	09/21/2017	N
15	9202634BKG	-115W	10.27	SS1723424A		10	Z	Z	314A	Soil;Sandy;Brown	10225	1869	09/21/2017	N
16	9202637	DUP13	10.27	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Black;Brown	10225	1869	09/21/2017	N
17	9202639	-105W	10.16	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
18	9202640	-105E	10.20	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
19	9202641	-106W	10.40	SS1723424A		10	Z	Z	314a	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Sonc	Micro Temp 100?
Internal Standard		Balance #	—	

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C			
S-bath ID	1 93 C	S-bath ID	C	N-Evap	C	M-vap	C	172560011A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

Sample #	Sample Code	Amt	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	List	Due Date	Prio
2019202642	-106E	10.15	SS1723424A	1.0	10	Z	Z	314a	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N

SZA 9/13/17

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Sen	Micro Temp 100?
Internal Standard		Balance #	—	

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C		
S-bath ID	97 C	S-bath ID	C	N-Evap	C	M-vap	C

172560011A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

Prep-Process Worksheet

Acid Cleanup

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560011A

Verified: KBT 9/15
Start Date: 9/13/17
Start Time: 1115
Tech 1: SLA-Gay
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202635MS		10.0	10.0			
9202636MSD						
BLANKA						
LCSA						

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202620		10.0	10.0				10225
2	9202621							10225
3	9202622							10225
4	9202623							10225
5	9202624							10225
6	9202625							10225
7	9202626							10225
8	9202627							10225
9	9202628							10225
10	9202629							10225
11	9202630							10225
12	9202631							10225
13	9202632							10225
14	9202633							10225
15	9202634							10225
16	9202637							10225
17	9202639							10225
18	9202640							10225
19	9202641							10225
20	9202642							10225

SLA 9/13/17 N/A

DF = Dilution Factor FV = Final Volume

Additional Comment:

Solvent Used	Lot No.	Solvent Used	Lot No.
		H2SO4	174051

Prep-Process Worksheet

Copper/Florisil

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560011A

Verified: KMT 9065
Start Date: 4/13/17
Start Time: 1155
Tech 1: SLA
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202635MS		2.0	2.0			
9202636MSD						
BLANKA						
LCSA						

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202620		2.0	2.0				10225
2	9202621							10225
3	9202622							10225
4	9202623							10225
5	9202624							10225
6	9202625							10225
7	9202626							10225
8	9202627							10225
9	9202628							10225
10	9202629							10225
11	9202630							10225
12	9202631							10225
13	9202632							10225
14	9202633							10225
15	9202634							10225
16	9202637							10225
17	9202639							10225
18	9202640							10225
19	9202641							10225
20	9202642							10225

SLA 9/13/17

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Florisil	4/40/16
		Copper	6/70/16 B

Organic Extraction Batchlog Assigned to: 24470 Elizabeth Donovan Reviewed by: Jw 28SK Start Date: September 13, 2017 Start time: 17:15

172560012A

Tech 1: ED24470 Tech 2:

Dept: 24	Prep Analysis: 14248 PCB 10g Sonication Ext										PCBs in Solids by 8082/3550
QC	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	MS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments
9202654MS	-112W	10.18	SS1723424A	1.0	MS1725024C	1.0	10	Z	Z	314A	Rocks; Brown; Soil
9202655MSD	-112W	10.16	SS1723424A	1.0	MS1725024C	1.0	10	Z	Z	314A	Soil; Rocks; Brown
BLANKA	PBLK12256	10.0	SS1723424A	1.0			10	Z	Z		Na_2SO_4
LCSA	LCS12256	10.0	SS1723424A	1.0	MS1725024C	1.0	10	Z	Z		Na_2SO_4

Solvent Used	Lot No.
1:1 MeCl2/Acetone	185082917A
Filter Paper	9823853
Hexane	174465
Sodium Sulfate	17251A

Spike Solutions: Witness:
MS1725024C PCB SPIKE
SS1723424A SW846 SURROGATE STANDARI

	Sample #	Sample Code	Amt (g)	SS/IS Sol.	Amt (mL)	FV (mL)	pH	pH	BC	Comments	Analyses	List	Due Date	Prio
1	9202643	-107W	10.25	SS1723424A	1.0	10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
2	9202644	-107E	10.08	SS1723424A	1.0	10	Z	Z	314A	Soil;Brown	10225	1869	09/21/2017	N
3	9202645	-108W	10.40	SS1723424A	1.0	10	Z	Z	314a	Soil;Gritty;Brown	10225	1869	09/21/2017	N
4	9202646	-108E	10.35	SS1723424A	1.0	10	Z	Z	314A	Soil;Brown	10225	1869	09/21/2017	N
5	9202647	-109W	10.11	SS1723424A	1.0	10	Z	Z	314a	Soil;Gritty;Brown	10225	1869	09/21/2017	N
6	9202648	-109E	10.24	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
7	9202649	-110W	10.25	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
8	9202650	-110E	10.31	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
9	9202651	-111W	10.09	SS1723424A	1.0	10	Z	Z	314A	Soil;Brown	10225	1869	09/21/2017	N
10	9202652	-111E	10.05	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Grey	10225	1869	09/21/2017	N
11	9202653BKG	-112W	10.25	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
12	9202656	DUP11	10.09	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
13	9202657	-112E	9.52	SS1723424A	1.0	10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
14	9202658	-113W	10.15	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
15	9202659	-115E	10.2	SS1723424A	1.0	10	Z	Z	034a	Soil; Gritty; Brown	10225	1869	09/21/2017	N

NA ED24470
9/13/17

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Hood: 320	Micro Temp 100?
Internal Standard		Balance #	17609	

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C		
S-bath ID 5	98 C	S-bath ID	C	N-Evap	C	M-vap	C

172560012A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

ATC66 Page 1120 of 1125

Prep-Process Worksheet

Acid Cleanup

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560012A

Verified: [illegible]
Start Date: September 13, 2017
Start Time: 20:30
Tech 1: EQ24470
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202654MS		10	10			
9202655MSD						
BLANKA						
LCSA						

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202643		10	10				10225
2	9202644							10225
3	9202645							10225
4	9202646							10225
5	9202647							10225
6	9202648							10225
7	9202649							10225
8	9202650							10225
9	9202651							10225
10	9202652							10225
11	9202653							10225
12	9202656							10225
13	9202657							10225
14	9202658							10225
15	9202659							10225

NA EQ24470
9/13/17

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		H_2SO_4	174051

Prep-Process Worksheet

Copper/Florisil
Prep: 14248 PCB 10g Sonication Ext
Batch No: 172560012A

Verified: JLA 7845
Start Date: September 13 2017
Start Time: 20:45
Tech 1: EO2470
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202654MS		2	2			
9202655MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202643		2	2				10225
2	9202644		↓	↓				10225
3	9202645		↓	↓				10225
4	9202646		↓	↓				10225
5	9202647		↓	↓				10225
6	9202648		↓	↓				10225
7	9202649		↓	↓				10225
8	9202650		↓	↓				10225
9	9202651		↓	↓				10225
10	9202652		↓	↓				10225
11	9202653		↓	↓				10225
12	9202656		↓	↓				10225
13	9202657		↓	↓				10225
14	9202658		↓	↓				10225
15	9202659		↓	↓				10225

NA 9/13/17
EO2470

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Florisil	414011-CE
		Copper	612060-BC

Moisture Data

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CLIENT: Stantec
SDG: ATG66

MOISTURE

SAMPLE NUMBERS:

Sample #	Sample Code
9202639	-105W
9202640	-105E
9202641	-106W
9202642	-106E
9202643	-107W
9202644	-107E
9202645	-108W
9202646	-108E
9202647	-109W
9202648	-109E
9202649	-110W
9202650	-110E
9202651	-111W
9202652	-111E
9202653	-112WBKG
9202654	-112WMS
9202655	-112WMSD
9202656	DUP11FD
9202657	-112E
9202658	-113W

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: 17257820006B	Sample number(s): 9202639-9202658				
Moisture	100		99-101		
Moisture	100		99-101		
Moisture Duplicate	100		99-101		

Sample Matrix Quality Control

Analysis Name	BKG Conc	DUP Conc	RPD	RPD Max
Batch number: 17257820006B	Sample number(s): 9202639-9202658			
Moisture	8.8	8.3	6*	5
Moisture	8.8	8.3	6*	5
Moisture Duplicate	8.8	8.3	6*	5

* - Outside of specification

(1) - The result for one or both determinations was less than five times the LOQ.

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CLIENT: **Stantec**
SDG: ATG66

MOISTURE

Moisture Data Report

Batch #: **17257820006**

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
9202639	B	00111	1.0992	6.8674	7.5501	6.06	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202640	B	00111	1.1088	7.6092	7.9702	9.83	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202641	B	00111	1.0719	5.5064	6.2433	6.08	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202642	B	00111	1.0957	8.0340	8.4231	8.80	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202643	B	00111	1.0820	6.2232	7.0275	4.46	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202644	B	00111	1.1228	7.5469	7.8470	10.90	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202645	B	00111	1.1100	7.4870	7.9118	9.15	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202646	B	00111	1.1142	8.7039	8.8955	10.60	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202647	B	00111	1.0827	8.6834	9.3329	4.99	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202648	B	00111	1.0970	8.8634	8.9986	10.85	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202649	B	00111	1.1183	9.8504	10.4980	4.78	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202650	B	00111	1.1155	8.6766	8.7694	11.79	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202651	B	00111	1.0912	7.7439	7.9298	11.69	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202652	B	00111	1.0890	9.1806	9.1115	12.61	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202653BKG	B	00111	1.0739	7.7195	8.1107	8.84	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202654MS	B	00118				8.84	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202655MSD	B	00118				8.84	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202655MSD	B	00121	1.1176	7.3544	7.8598	8.32	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202656FD	B	00111	1.0919	7.5391	8.1475	6.41	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202657	B	00111	1.0843	2.5116	3.3890	8.24	9/15/17 (1201/SWF)	9/15/17 (236/CW)
9202658	B	00111	1.1069	7.1709	7.6796	8.34	9/15/17 (1201/SWF)	9/15/17 (236/CW)
LCS 89.5% Std.		00111	1.0939	5.0350	1.6268	89.42	9/15/17 (1201/SWF)	9/15/17 (236/CW)