eurofins | Lancaster Laboratories Environmental

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

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# ATG69

GROUP	SAMPLE NUMBERS
1848868	9202690-9202704

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.

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

Table of Contents for SDG# ATG69

1. Sample Reference List 3
2. Methodology Summary/Reference 4
3. Analysis Reports / Field Chain of Custody 5
4. Polychlorinated Biphenyls (PCBs) Data 32
   a. Case Narrative/Conformance Summary 33
   b. Quality Control and Calibration Summary Forms 36
   c. Sample Data 87
   d. Standards Data 274
   e. Raw QC Data 610
   f. Extraction/Distillation/Digestion Logs 720
5. Moisture Data 730

eurofins | Lancaster Laboratories Environmental

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

Sample Reference List for SDG Number ATG69
with a Data Package Type of I

11289 - Stantec

Project: Amtrak Wilmington

Lab Sample Number	Client Sample ID	Collection Date	Date Received
9202690	T1-127E	09/11/2017 11:29	09/11/2017 16:55
9202691	T1-128W	09/11/2017 11:30	09/11/2017 16:55
9202692	T1-128WMS	09/11/2017 11:30	09/11/2017 16:55
9202693	T1-128WMSD	09/11/2017 11:30	09/11/2017 16:55
9202694	DUP-16	09/11/2017 11:30	09/11/2017 16:55
9202695	T1-129E	09/11/2017 11:33	09/11/2017 16:55
9202696	T1-130W	09/11/2017 11:34	09/11/2017 16:55
9202697	T1-130E	09/11/2017 11:35	09/11/2017 16:55
9202698	T1-131W	09/11/2017 11:36	09/11/2017 16:55
9202699	T1-131E	09/11/2017 11:37	09/11/2017 16:55
9202700	T1-132W	09/11/2017 11:38	09/11/2017 16:55
9202701	T1-132E	09/11/2017 11:39	09/11/2017 16:55
9202702	T1-133W	09/11/2017 11:40	09/11/2017 16:55
9202703	T1-133E	09/11/2017 11:41	09/11/2017 16:55
9202704	T1-134W	09/11/2017 11:42	09/11/2017 16:55

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

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: 1848868
SDG: ATG69
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

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

SAMPLE INFORMATION

Client Sample Description	Collection Information	ELLE#
T1-127E Grab Soil	09/11/2017 11:29	9202690
T1-128W Grab Soil	09/11/2017 11:30	9202691
T1-128WMS Grab Soil	09/11/2017 11:30	9202692
T1-128WMSD Grab Soil	09/11/2017 11:30	9202693
DUP-16 Grab Soil	09/11/2017 11:30	9202694
T1-129E Grab Soil	09/11/2017 11:33	9202695
T1-130W Grab Soil	09/11/2017 11:34	9202696
T1-130E Grab Soil	09/11/2017 11:35	9202697
T1-131W Grab Soil	09/11/2017 11:36	9202698
T1-131E Grab Soil	09/11/2017 11:37	9202699
T1-132W Grab Soil	09/11/2017 11:38	9202700
T1-132E Grab Soil	09/11/2017 11:39	9202701
T1-133W Grab Soil	09/11/2017 11:40	9202702
T1-133E Grab Soil	09/11/2017 11:41	9202703
T1-134W Grab Soil	09/11/2017 11:42	9202704

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

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

Analysis Report

Sample Description: T1-127E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202690
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-127E SDG#: ATG69-01

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	< 2.8	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	9.2	D1	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	10.7		0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported 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	172560040A	09/19/2017 05:45	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560040A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-128W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202691
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-128W SDG#: ATG69-02BKG

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	< 5.8	D1	5.8	100
10225	PCB-1221	11104-28-2	< 5.8	D1	5.8	100
10225	PCB-1232	11141-16-5	< 5.8	D1	5.8	100
10225	PCB-1242	53469-21-9	< 5.8	D1	5.8	100
10225	PCB-1248	12672-29-6	< 5.8	D1	5.8	100
10225	PCB-1254	11097-69-1	< 5.8	D2	5.8	100
10225	PCB-1260	11096-82-5	20	D2	5.8	100
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	16.0		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	172560041A	09/19/2017 00:02	Kirby B Turner	100
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-128WMS Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202692
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-128W SDG#: ATG69-02MS

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	< 5.9	D1	5.9	100
10225	PCB-1221	11104-28-2	< 5.9	D1	5.9	100
10225	PCB-1232	11141-16-5	< 5.9	D1	5.9	100
10225	PCB-1242	53469-21-9	< 5.9	D1	5.9	100
10225	PCB-1248	12672-29-6	< 5.9	D1	5.9	100
10225	PCB-1254	11097-69-1	< 5.9	D2	5.9	100
10225	PCB-1260	11096-82-5	29	D2	5.9	100
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00118	Moisture	n.a.	16.0		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	172560041A	09/19/2017 00:13	Kirby B Turner	100
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00118	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-128WMSD Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202693
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-128W SDG#: ATG69-02MSD

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	< 6.0	D1	6.0	100
10225	PCB-1221	11104-28-2	< 6.0	D1	6.0	100
10225	PCB-1232	11141-16-5	< 6.0	D1	6.0	100
10225	PCB-1242	53469-21-9	< 6.0	D1	6.0	100
10225	PCB-1248	12672-29-6	< 6.0	D1	6.0	100
10225	PCB-1254	11097-69-1	< 6.0	D2	6.0	100
10225	PCB-1260	11096-82-5	19	D2	6.0	100
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00118	Moisture	n.a.	16.0		0.50	1
00121	Moisture Duplicate	n.a.	15.1		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	172560041A	09/19/2017 00:25	Kirby B Turner	100
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00118	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1
00121	Moisture Duplicate	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: DUP-16 Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202694
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

DUP16 SDG#: ATG69-03FD

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	< 5.7	D1	5.7	100
10225	PCB-1221	11104-28-2	< 5.7	D1	5.7	100
10225	PCB-1232	11141-16-5	< 5.7	D1	5.7	100
10225	PCB-1242	53469-21-9	< 5.7	D1	5.7	100
10225	PCB-1248	12672-29-6	< 5.7	D1	5.7	100
10225	PCB-1254	11097-69-1	< 5.7	D2	5.7	100
10225	PCB-1260	11096-82-5	22	D2	5.7	100
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	14.2		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	172560041A	09/19/2017 00:36	Kirby B Turner	100
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-129E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202695
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-129E SDG#: ATG69-04

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	< 11	D1	11	200
10225	PCB-1221	11104-28-2	< 11	D1	11	200
10225	PCB-1232	11141-16-5	< 11	D1	11	200
10225	PCB-1242	53469-21-9	< 11	D1	11	200
10225	PCB-1248	12672-29-6	< 11	D1	11	200
10225	PCB-1254	11097-69-1	< 11	D2	11	200
10225	PCB-1260	11096-82-5	34	D2	11	200
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	13.3		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	172560041A	09/19/2017 00:48	Kirby B Turner	200
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-130W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202696
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-130W SDG#: ATG69-05

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	< 3.0	D1	3.0	50
10225	PCB-1221	11104-28-2	< 3.0	D1	3.0	50
10225	PCB-1232	11141-16-5	< 3.0	D1	3.0	50
10225	PCB-1242	53469-21-9	< 3.0	D1	3.0	50
10225	PCB-1248	12672-29-6	< 3.0	D1	3.0	50
10225	PCB-1254	11097-69-1	< 3.0	D2	3.0	50
10225	PCB-1260	11096-82-5	13	D2	3.0	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	18.1		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	172560041A	09/19/2017 00:59	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-130E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202697
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-130E SDG#: ATG69-06

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	< 2.9	D1	2.9	50
10225	PCB-1221	11104-28-2	< 2.9	D1	2.9	50
10225	PCB-1232	11141-16-5	< 2.9	D1	2.9	50
10225	PCB-1242	53469-21-9	< 2.9	D1	2.9	50
10225	PCB-1248	12672-29-6	< 2.9	D1	2.9	50
10225	PCB-1254	11097-69-1	< 2.9	D2	2.9	50
10225	PCB-1260	11096-82-5	16	D2	2.9	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	13.0		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	172560041A	09/19/2017 01:11	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-131W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202698
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-131W SDG#: ATG69-07

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	< 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	D2	2.8	50
10225	PCB-1260	11096-82-5	8.2	D2	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	12.4		0.50	1

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

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	172560041A	09/19/2017 01:22	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-131E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202699
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

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

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-131E SDG#: ATG69-08

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	< 0.54	D1	0.54	10
10225	PCB-1221	11104-28-2	< 0.54	D1	0.54	10
10225	PCB-1232	11141-16-5	< 0.54	D1	0.54	10
10225	PCB-1242	53469-21-9	< 0.54	D1	0.54	10
10225	PCB-1248	12672-29-6	< 0.54	D1	0.54	10
10225	PCB-1254	11097-69-1	< 0.54	D2	0.54	10
10225	PCB-1260	11096-82-5	2.7	D2	0.54	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	8.9		0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported 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	172560041A	09/19/2017 01:34	Kirby B Turner	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-132W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202700
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 11:38 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-132W SDG#: ATG69-09

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	< 2.8	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	D2	2.8	50
10225	PCB-1260	11096-82-5	11	D2	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	10.2		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	172560041A	09/19/2017 01:45	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560041A	09/14/2017 08:30	Michelle A Newswanger	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-132E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202701
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 11:39 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-132E SDG#: ATG69-10

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	< 3.1	D1	3.1	50
10225	PCB-1221	11104-28-2	< 3.1	D1	3.1	50
10225	PCB-1232	11141-16-5	< 3.1	D1	3.1	50
10225	PCB-1242	53469-21-9	< 3.1	D1	3.1	50
10225	PCB-1248	12672-29-6	< 3.1	D1	3.1	50
10225	PCB-1254	11097-69-1	< 3.1	D2	3.1	50
10225	PCB-1260	11096-82-5	18	D2	3.1	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	18.4		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	172560044A	09/18/2017 20:25	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560044A	09/14/2017 08:00	Kayla A Yuditsky	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-133W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202702
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 11:40 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-133W SDG#: ATG69-11

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	< 0.56	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	D2	0.56	10
10225	PCB-1260	11096-82-5	9.1	D2	0.56	10
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	12.0		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	172560044A	09/18/2017 20:36	Kirby B Turner	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560044A	09/14/2017 08:00	Kayla A Yuditsky	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

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

Analysis Report

Sample Description: T1-133E Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202703
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 11:41 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-133E SDG#: ATG69-12

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	< 0.53	D1	0.53	10
10225	PCB-1221	11104-28-2	< 0.53	D1	0.53	10
10225	PCB-1232	11141-16-5	< 0.53	D1	0.53	10
10225	PCB-1242	53469-21-9	< 0.53	D1	0.53	10
10225	PCB-1248	12672-29-6	< 0.53	D1	0.53	10
10225	PCB-1254	11097-69-1	< 0.53	D2	0.53	10
10225	PCB-1260	11096-82-5	7.8	D2	0.53	10
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	172560044A	09/18/2017 20:47	Kirby B Turner	10
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560044A	09/14/2017 08:00	Kayla A Yuditsky	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

eurofins | Lancaster Laboratories Environmental

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

Analysis Report

Sample Description: T1-134W Grab Soil
Amtrak Wilmington

ELLE Sample # SW 9202704
ELLE Group # 1848868
Account # 11289

Project Name: Amtrak Wilmington

Collected: 09/11/2017 11:42 by JZ

Submitted: 09/11/2017 16:55
Reported: 09/21/2017 15:57

Stantec
1060 Andrew Drive
Suite 140
West Chester PA 19380

-134W SDG#: ATG69-13

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	< 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	D2	2.8	50
10225	PCB-1260	11096-82-5	13	D2	2.8	50
Wet Chemistry	**%Moisture- Dry Wt Calculation**		**%**		**%**	
00111	Moisture	n.a.	11.9		0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported 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	172560044A	09/18/2017 20:59	Kirby B Turner	50
14248	PCB 10g Sonication Ext	SW-846 3550B	1	172560044A	09/14/2017 08:00	Kayla A Yuditsky	1
00111	Moisture	%Moisture- Dry Wt Calculation	1	17257820011A	09/14/2017 23:26	Scott W Freisher	1

Quality Control Summary

Client Name: Stantec
Reported: 09/21/2017 15:57

Group Number: 1848868

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: 172560040A	Sample number(s): 9202690	
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: 172560041A	Sample number(s): 9202691-9202700	
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: 172560044A	Sample number(s): 9202701-9202704	
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: 172560040A	Sample number(s): 9202690								
PCB-1016	0.501	0.471			94		80-121		
PCB-1260	0.501	0.471			94		84-125		
Batch number: 172560041A	Sample number(s): 9202691-9202700								
PCB-1016	0.501	0.431			86		80-121		
PCB-1260	0.501	0.421			84		84-125		

*- 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 15:57

Group Number: 1848868

LCS/LCSD (continued)

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: 172560044A	Sample number(s): 9202701-9202704								
PCB-1016	0.501	0.478			95		80-121		
PCB-1260	0.501	0.474			95		84-125		
	%	%	%	%					
Batch number: 17257820011A	Sample number(s): 9202690-9202704								
Moisture	89.5	89.43			100		99-101		
Moisture	89.5	89.43			100		99-101		
Moisture Duplicate	89.5	89.43			100		99-101		

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: 172560040A	Sample number(s): 9202690 UNSPK: P202680									
PCB-1016	< 2.5	0.494	< 2.5	0.480	< 2.4	0*	0*	80-121	0	50
PCB-1260	13.15	0.495	11.64	0.480	12.04	-304 (2)	-231 (2)	84-125	3	50
Batch number: 172560041A	Sample number(s): 9202691-9202700 UNSPK: 9202691									
PCB-1016	< 4.9	0.486	< 4.9	0.496	< 5.0	0*	0*	80-121	0	50
PCB-1260	16.8	0.486	24.21	0.496	15.85	1524 (2)	-192 (2)	84-125	42	50
Batch number: 172560044A	Sample number(s): 9202701-9202704 UNSPK: P202706									
PCB-1016	< 2.5	0.492	< 2.5	0.498	< 2.5	0*	0*	80-121	0	50
PCB-1260	16.71	0.492	12.54	0.498	16.6	-847 (2)	-21 (2)	84-125	28	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: 17257820011A	Sample number(s): 9202690-9202704 BKG: 9202691, P202691			
Moisture	15.99	15.05	6*	5

*- 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 15:57

Group Number: 1848868

Laboratory Duplicate (continued)

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

Analysis Name	BKG Conc %	DUP Conc %	DUP RPD	DUP RPD Max
Moisture	15.99	15.05	6*	5
Moisture Duplicate	15.99	15.05	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: 172560040A

	Tetrachloro-m-xylene-D1	Decachlorobiphenyl-D1	Tetrachloro-m-xylene-D2	Decachlorobiphenyl-D2
9202690	92	124	92	127
Blank	90	87	91	91
LCS	102	109	107	101
MS	91	149	94	124
MSD	83	165*	83	125
Limits:	61-152	48-164	61-152	48-164

Analysis Name: PCBs in Solids by 8082/3550
Batch number: 172560041A

	Tetrachloro-m-xylene-D1	Decachlorobiphenyl-D1	Tetrachloro-m-xylene-D2	Decachlorobiphenyl-D2
9202691	96	151	101	139
9202692	106	159	112	150
9202693	91	138	94	125
9202694	92	148	99	136
9202695	90	145	105	140
9202696	95	134	92	120
9202697	100	130	98	120
9202698	89	125	84	118
9202699	69	105	72	90
9202700	101	120	96	129
Blank	105	110	105	108
LCS	91	94	95	92
MS	106	159	112	150
MSD	91	138	94	125
Limits:	61-152	48-164	61-152	48-164

Analysis Name: PCBs in Solids by 8082/3550
Batch number: 172560044A

*- 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 15:57

Group Number: 1848868

Surrogate Quality Control (continued)

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: 172560044A

	Tetrachloro-m-xylene-D1	Decachlorobiphenyl-D1	Tetrachloro-m-xylene-D2	Decachlorobiphenyl-D2
9202701	83	158	86	124
9202702	60*	94	62	85
9202703	74	109	73	96
9202704	92	110	92	115
Blank	104	99	102	99
LCS	104	102	106	99
MS	85	139	91	131
MSD	78	132	84	118
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

eurofins

Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 11289 Group # 1848868 Sample # 9202690-704

COC # 536846 10 of 12

For Lab Use Only
FSC:
SCR#:

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

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

Remarks

Sample Identification	Collected Date	Collected Time	Grab	Composite	Total # of Containers
TI-127E	9-11-17	1129	X		1
TI-128W		1130	X		1
TI-128WMS		1130	X		1
TI-128WMSD		1130	X		1
DUP-16		1130	X		1
TI-128E		1131	X		1
TI-129W		1132	X		1
TI-129WMS		1132	X		1
TI-129WMSD		1132	X		1
DUP-17	9-11-17	1132	X		1

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	1655			
			[signature]	9-11-17	1655

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

eurofins

Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 11289 Group # 1848868 Sample # 9202690-704

COC # 536847 1 of 12

Client Information

Client: Stantec

Acct. #:

Project Name/#: Amtrak Wilmington

PWSID #:

Project Manager: Paul Miller

P.O. #:

Sampler: Jon Zorbe

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	Soil	Total # of Containers	PCBs 3550B	Remarks
T1-129E	9-11-17	1133	X		X	1	X	
T1-130W		1134	X		X	1	X	
T1-130E		1135	X		X	1	X	
T1-131W		1136	X		X	1	X	
T1-131E		1137	X		X	1	X	
T1-132W		1138	X		X	1	X	
T1-132E		1139	X		X	1	X	
T1-133W		1140	X		X	1	X	
T1-133E		1141	X		X	1	X	
T1-134W	9-11-17	1142	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: ____

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	1655	[signature]		
			[signature]	9-11-17	1655

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 06-12 °C

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 194045

Group Number(s): 1848868

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.

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

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)

eurofins | Lancaster Laboratories Environmental

Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ATG69

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

Sample #	Client ID	Matrix Liquid	Matrix Solid	DF	Comments
9202690	T1-127E		X	50	
9202691	T1-128W		X	100	Unspiked
9202692	T1-128WMS		X	100	Matrix Spike
9202693	T1-128WMSD		X	100	Matrix Spike Duplicate
9202694	DUP-16		X	100	Field Duplicate Sample
9202695	T1-129E		X	200	
9202696	T1-130W		X	50	
9202697	T1-130E		X	50	
9202698	T1-131W		X	50	
9202699	T1-131E		X	10	
9202700	T1-132W		X	50	
9202701	T1-132E		X	50	
9202702	T1-133W		X	10	
9202703	T1-133E		X	10	
9202704	T1-134W		X	50	

See QC Reference List for Associated Batch QC Samples

SAMPLE RECEIPT:

Samples were received in good condition and within temperature requirements.

HOLDING TIME:

All holding times were met.

PREPARATION/EXTRACTION/DIGESTION:

No problems were encountered.

CALIBRATION/STANDARDIZATION:

(Sample number(s): 9202690-9202704: 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.

eurofins | Lancaster Laboratories Environmental

Case Narrative/Conformance Summary

CLIENT: Stantec
SDG: ATG69

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

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#: 172560041A (Sample number(s): 9202691-9202700, UNSPK: 9202691)
The recovery(ies) for the following analyte(s) in the MS exceeded the acceptance window indicating a positive bias: PCB-1260
The recovery(ies) for the following analyte(s) in the MSD were below the acceptance window: PCB-1260
The recovery(ies) for the following analyte(s) in the MS and MSD were below the acceptance window: PCB-1016

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#: 172560044A (Sample number(s): 9202701-9202704)
The recovery(ies) for the following surrogate(s) were below the acceptance window: Tetrachloro-m-xylene-D1 (9202702)

SAMPLE ANALYSIS:

No problems were encountered with the analysis of the samples.

Abbreviation Key

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

Quality Control and Calibration Summary Forms

Polychlorinated Biphenyls (PCBs)

eurofins | Lancaster Laboratories Environmental

Quality Control Reference List
Pesticide Residue Analysis

CLIENT: Stantec
SDG: ATG69

Fraction: Polychlorinated Biphenyls (PCBs)

Analysis	Batch Number	Sample Number	Analysis Date
PCBs in Solids by 8082/3550	172560040A	PBLK40256	09/19/2017 01:56:00
		LCS40256	09/19/2017 02:08:00
		9202690	09/19/2017 05:45:00
PCBs in Solids by 8082/3550	172560041A	PBLK41256	09/18/2017 23:39:00
		LCS41256	09/18/2017 23:51:00
		9202691 UNSPK	09/19/2017 00:02:00
		9202692 MS	09/19/2017 00:13:00
		9202693 MSD	09/19/2017 00:25:00
		9202694	09/19/2017 00:36:00
		9202695	09/19/2017 00:48:00
		9202696	09/19/2017 00:59:00
		9202697	09/19/2017 01:11:00
		9202698	09/19/2017 01:22:00
		9202699	09/19/2017 01:34:00
		9202700	09/19/2017 01:45:00
PCBs in Solids by 8082/3550	172560044A	PBLK44256	09/18/2017 20:02:00
		LCS44256	09/18/2017 20:13:00
		9202701	09/18/2017 20:25:00
		9202702	09/18/2017 20:36:00
		9202703	09/18/2017 20:47:00
		9202704	09/18/2017 20:59:00

eurofins | Lancaster Laboratories Environmental

Quality Control Summary
Method Blank
Pesticide Residue Analysis
SDG: ATG69
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

172560040A / PBLK40256 **Analyte**	**Analysis Date**	**Blank Results**	**Units**	**MDL**	**LOQ**
PCB-1016	09/19/17	N.D.	mg/kg	0.0099	0.051
PCB-1221	09/19/17	N.D.	mg/kg	0.015	0.051
PCB-1232	09/19/17	N.D.	mg/kg	0.012	0.051
PCB-1242	09/19/17	N.D.	mg/kg	0.012	0.051
PCB-1248	09/19/17	N.D.	mg/kg	0.0099	0.051
PCB-1254	09/19/17	N.D.	mg/kg	0.013	0.051
PCB-1260	09/19/17	N.D.	mg/kg	0.012	0.051

172560041A / PBLK41256 **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

172560044A / PBLK44256 **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

eurofins | Lancaster Laboratories Environmental

Quality Control Summary
Surrogates
Pesticide Residue Analysis
SDG: ATG69
Matrix: SOLID

Fraction: Polychlorinated Biphenyls (PCBs)

172560040A	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
PBLK40256	87	48 - 164	91	48 - 164	90	61 - 152	91	61 - 152
LCS40256	109	48 - 164	101	48 - 164	102	61 - 152	107	61 - 152
9202690	124	48 - 164	127	48 - 164	92	61 - 152	92	61 - 152

172560041A	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
PBLK41256	110	48 - 164	108	48 - 164	105	61 - 152	105	61 - 152
LCS41256	94	48 - 164	92	48 - 164	91	61 - 152	95	61 - 152
9202691 UNSPK	151	48 - 164	139	48 - 164	96	61 - 152	101	61 - 152
9202692 MS	159	48 - 164	150	48 - 164	106	61 - 152	112	61 - 152
9202693 MSD	138	48 - 164	125	48 - 164	91	61 - 152	94	61 - 152
9202694	148	48 - 164	136	48 - 164	92	61 - 152	99	61 - 152
9202695	145	48 - 164	140	48 - 164	90	61 - 152	105	61 - 152
9202696	134	48 - 164	120	48 - 164	95	61 - 152	92	61 - 152
9202697	130	48 - 164	120	48 - 164	100	61 - 152	98	61 - 152
9202698	125	48 - 164	118	48 - 164	89	61 - 152	84	61 - 152
9202699	105	48 - 164	90	48 - 164	69	61 - 152	72	61 - 152
9202700	120	48 - 164	129	48 - 164	101	61 - 152	96	61 - 152

172560044A	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
PBLK44256	99	48 - 164	99	48 - 164	104	61 - 152	102	61 - 152
LCS44256	102	48 - 164	99	48 - 164	104	61 - 152	106	61 - 152
9202701	158	48 - 164	124	48 - 164	83	61 - 152	86	61 - 152
9202702	94	48 - 164	85	48 - 164	60 *	61 - 152	62	61 - 152
9202703	109	48 - 164	96	48 - 164	74	61 - 152	73	61 - 152
9202704	110	48 - 164	115	48 - 164	92	61 - 152	92	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.

eurofins | Lancaster Laboratories Environmental

Quality Control Summary
Matrix Spike/Matrix Spike Duplicate

SDG: ATG69
Matrix: SOLID

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

UNSPK: 9202691 MS: 9202692 MSD: 9202693 **Analyte**	Batch: **172560041A** (Sample number(s): 9202691-9202700)								
	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	0.486 / 0.496	0	0	0	0 *	0 *	80-121	0	50
PCB-1260	0.486 / 0.496	16.8	24.21	15.85	1524 (2)	-192 (2)	84-125	42	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.

eurofins | Lancaster Laboratories Environmental

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

SDG: ATG69
Matrix: SOLID

Pesticide Residue Analysis

Fraction: Polychlorinated Biphenyls (PCBs)

LCS: LCS40256	Batch: **172560040A** (Sample number(s): 9202690)							
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	0.471	NA	94	NA	80-121	NA	NA
PCB-1260	0.501	0.471	NA	94	NA	84-125	NA	NA

LCS: LCS41256	Batch: **172560041A** (Sample number(s): 9202691-9202700)							
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	0.431	NA	86	NA	80-121	NA	NA
PCB-1260	0.501	0.421	NA	84	NA	84-125	NA	NA

LCS: LCS44256	Batch: **172560044A** (Sample number(s): 9202701-9202704)							
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	0.478	NA	95	NA	80-121	NA	NA
PCB-1260	0.501	0.474	NA	95	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: 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

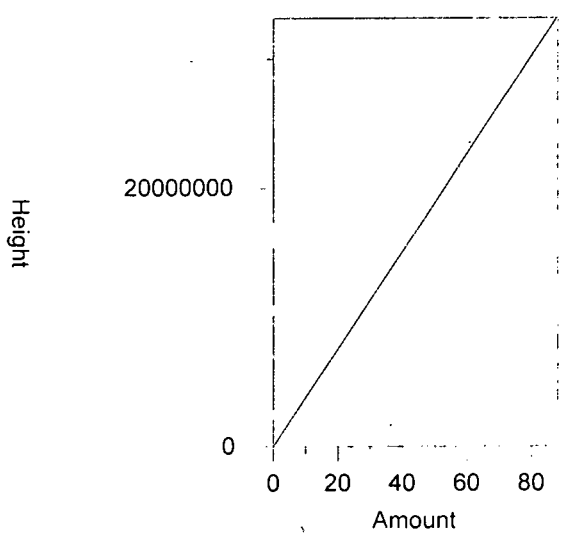
Creator:
Description:
Reason for change:

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

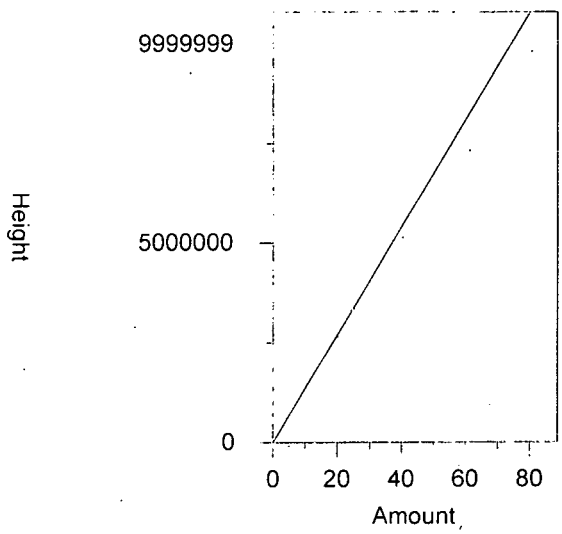
Single peak quantification by height

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

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-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	

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-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	

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-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	

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-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

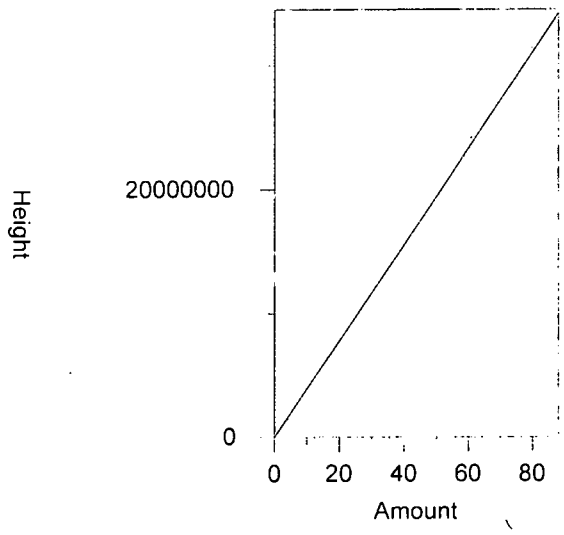
Creator:
Description:
Reason for change:

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

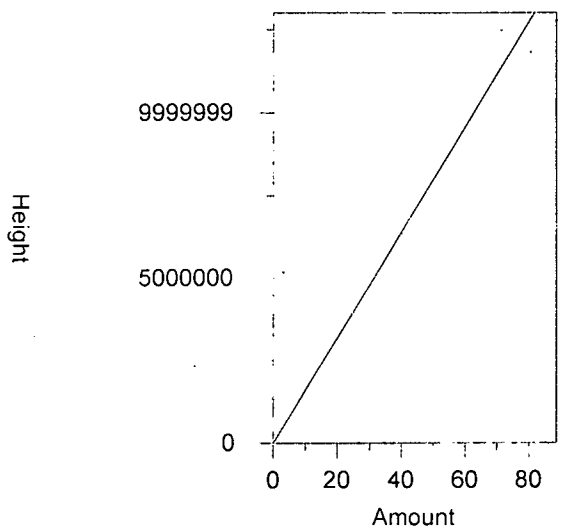
Single peak quantification by height

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

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 18:53

Lab File ID: 07PCBS17250009.0005.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164AM 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	40.77	40.00	2
Decachlorobiphenyl	6.68	6.65	6.71	37.44	40.24	-7
Aroclor-1016	3.25	3.23	3.27	188.88	202.00	-6
	3.47	3.45	3.49	195.38	202.00	-3
	3.58	3.56	3.60	197.20	202.00	-2
	3.76	3.74	3.78	189.59	202.00	-6
	3.80	3.78	3.82	195.64	202.00	-3
	3.93	3.91	3.95	194.28	202.00	-4
Aroclor-1260	4.84	4.82	4.86	189.43	201.64	-6
	5.04	5.02	5.06	181.65	201.64	-10
	5.25	5.23	5.27	183.93	201.64	-9
	5.47	5.45	5.49	199.38	201.64	-1
	5.71	5.69	5.73	183.97	201.64	-9
	5.91	5.89	5.93	167.41	201.64	-17

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: 09/18/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 18:53

Lab File ID: 07PCBS17250009B.0005.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164AM 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	40.85	40.00	2
Decachlorobiphenyl	6.16	6.13	6.19	36.35	40.24	-10
Aroclor-1016	2.93	2.92	2.96	200.49	202.00	-1
	3.14	3.12	3.16	197.30	202.00	-2
	3.26	3.25	3.29	200.08	202.00	-1
	3.42	3.40	3.44	194.37	202.00	-4
	3.46	3.44	3.48	193.80	202.00	-4
	3.59	3.57	3.61	189.61	202.00	-6
Aroclor-1260	4.37	4.35	4.39	186.31	201.64	-8
	4.51	4.49	4.53	178.66	201.64	-11
	4.61	4.60	4.64	185.24	201.64	-8
	4.74	4.72	4.76	173.84	201.64	-14
	5.16	5.14	5.18	182.23	201.64	-10
	5.42	5.40	5.44	190.02	201.64	-6

Compounds 14 Average of %D: 6

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAY Sample ID: AY **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 19:04:59
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0006.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET
%SSR(TCX) : 97% (53-140) Conc.: 0.195708
%SSR(DCB) : 94% (45-143) Conc.: 0.18886

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	17.06	
3.78	3.80	3.82	2069.768	0.002245			5
+ 3.91	3.93	3.95	612.5567	0.001083			6
3.91	3.93	3.95	996.2328	0.001762			6
Height Summation:			**3066.0008**				
Amount Avg CF:			**0.002004**	Linear:			
Aroclor-1221					1		
3.18	3.20	3.22	111932.7	0.402016			2
Height Summation:			**111932.7**				
Amount Avg CF:			**0.402016**	Linear:			
Aroclor-1232					2	3.17	
3.78	3.80	3.82	2069.768	0.004581			5
+ 3.91	3.93	3.95	612.5567	0.002693			6
3.91	3.93	3.95	996.2328	0.004381			6
Height Summation:			**3066.0008**				
Amount Avg CF:			**0.004481**	Linear:			
Aroclor-1242					2	11.24	
3.78	3.80	3.82	2069.768	0.001623			5
+ 3.91	3.93	3.95	612.5567	0.000851			6
3.91	3.93	3.95	996.2328	0.001384			6
Height Summation:			**3066.0008**				
Amount Avg CF:			**0.001504**	Linear:			
Aroclor-1248					5	78.60	
3.78	3.80	3.82	2069.768	0.004555			1
3.84	3.87	3.88	819.2042	0.001695			2
+ 3.91	3.93	3.95	612.5567	0.000761			3
3.91	3.93	3.95	996.2328	0.001238			3
4.03	4.07	4.07	1525.222	0.001678			4
4.30	4.33	4.34	6093.971	0.007251			6
Height Summation:			**11504.398**				
Amount Avg CF:			**0.003283**	Linear:			
Aroclor-1254					1		
5.11	5.12	5.15	631.7026	0.000888			5
Height Summation:			**631.7026**				
Amount Avg CF:			**0.000888**	Linear:			
Aroclor-1260					4	37.91	
4.82	4.83	4.86	1367.021	0.000939			1
5.02	5.05	5.06	3722.168	0.002605			2
5.45	5.47	5.49	1836.537	0.002339			4
5.89	5.91	5.93	3341.611	0.002658			6
Height Summation:			**10267.337**				
Amount Avg CF:			**0.002136**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 19:04:59
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0006.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET
%SSR(TCX) : 102% (53-140) Conc.: 0.206516
%SSR(DCB) : 89% (45-143) Conc.: 0.180505

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	15.38	
3.12	3.15	3.16	3044.166	0.003559			2
3.40	3.41	3.44	4196.301	0.004631			4
3.57	3.59	3.61	2530.409	0.00361			6
Height Summation:			**9770.876**				
Amount Avg CF:			**0.003933**	Linear:			
Aroclor-1221					1		
2.86	2.87	2.90	110594.3	0.48129			2
Height Summation:			**110594.3**				
Amount Avg CF:			**0.48129**	Linear:			
Aroclor-1232					3	17.59	
3.12	3.15	3.16	3044.166	0.007049			2
3.40	3.41	3.44	4196.301	0.010063			4
3.57	3.59	3.61	2530.409	0.008585			6
Height Summation:			**9770.876**				
Amount Avg CF:			**0.008566**	Linear:			
Aroclor-1242					3	18.03	
3.12	3.15	3.16	3044.166	0.00403			2
3.40	3.41	3.44	4196.301	0.003189			4
3.57	3.59	3.61	2530.409	0.002856			6
Height Summation:			**9770.876**				
Amount Avg CF:			**0.003358**	Linear:			
Aroclor-1248					2	40.69	
3.51	3.51	3.55	2042.146	0.003822			2
3.90	3.91	3.94	3076.396	0.002114			6
Height Summation:			**5118.542**				
Amount Avg CF:			**0.002968**	Linear:			
Aroclor-1254					3	13.91	
4.26	4.27	4.30	2079.85	0.001019			2
4.42	4.45	4.46	1346.895	0.001069			4
4.72	4.74	4.76	1847.072	0.001314			6
Height Summation:			**5273.817**				
Amount Avg CF:			**0.001134**	Linear:			
Aroclor-1260					2	71.38	
4.72	4.74	4.76	1847.072	0.001107			4
5.40	5.42	5.44	4290.27	0.003364			6
Height Summation:			**6137.342**				
Amount Avg CF:			**0.002235**	Linear:			
Aroclor-1262					3	41.80	
4.95	4.96	4.99	1814.138	0.001195			2
5.40	5.42	5.44	4290.27	0.002511			5
5.78	5.80	5.82	2196.477	0.003004			6
Height Summation:			**8300.885**				
Amount Avg CF:			**0.002237**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAY Sample ID: AY **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 19:04:59
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0006.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**3**	**45.61**	
5.45	5.47	5.49	1836.537	0.001774			2
5.89	5.91	5.93	3341.611	0.002155			4
5.95	5.96	5.99	3148.739	0.004036			5
Height Summation:			**8326.887**				
Amount Avg CF:			**0.002655**	Linear:			
Aroclor-1268					**5**	**160.27**	
5.89	5.91	5.93	3341.611	0.001201			1
5.95	5.96	5.99	3148.739	0.001309			2
6.08	6.10	6.12	83628.11	0.036229			3
6.14	6.16	6.18	93820.49	0.154807			4
6.51	6.53	6.55	48185.82	0.010292			6
Height Summation:			**232124.77**				
Amount Avg CF:			**0.040768**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 19:04:59
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0006.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**158.98**	
5.40	5.42	5.44	4290.27	0.001542			2
5.56	5.57	5.60	63738.45	0.027398			3
5.62	5.64	5.66	71685.99	0.126583			4
5.78	5.80	5.82	2196.477	0.002754			5
5.98	6.00	6.02	48016.72	0.008749			6
Height Summation:			**189927.907**				
Amount Avg CF:			**0.033405**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						** 65.00	4	40	
Aroclor-1221						17.95	3	40	
Aroclor-1232						** 62.62	4	40	
Aroclor-1242						** 76.28	4	40	
Aroclor-1248						10.09	4	40	
Aroclor-1254						24.29	4	40	
Aroclor-1260						4.57	4	40	
Aroclor-1262						17.10	4	40	
Aroclor-1268						19.85	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: 23:05

Lab File ID: 07PCBS17250009.0027.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164AN Init. Calib Date(s): 09/07/17 09/08/17

Calibration: 07PCBS1725001

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT	NOM AMOUNT	%D
Tetrachloro-m-xylene	3.00	2.97	3.03	42.77	40.00	7
Decachlorobiphenyl	6.68	6.65	6.71	37.42	40.24	-7
Aroclor-1016	3.25	3.23	3.27	198.97	202.00	-2
	3.47	3.45	3.49	198.13	202.00	-2
	3.58	3.56	3.60	201.87	202.00	0
	3.76	3.74	3.78	214.76	202.00	6
	3.80	3.78	3.82	202.96	202.00	0
	3.93	3.91	3.95	203.97	202.00	1
Aroclor-1260	4.84	4.82	4.86	190.30	201.64	-6
	5.04	5.02	5.06	186.10	201.64	-8
	5.25	5.23	5.27	185.27	201.64	-8
	5.47	5.45	5.49	197.51	201.64	-2
	5.71	5.69	5.73	187.59	201.64	-7
	5.91	5.89	5.93	169.46	201.64	-16

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: 23:05

Lab File ID: 07PCBS17250009B.0027.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164AN 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	42.81	40.00	7
Decachlorobiphenyl	6.16	6.13	6.19	35.85	40.24	-11
Aroclor-1016	2.93	2.92	2.96	205.07	202.00	2
	3.14	3.12	3.16	200.92	202.00	-1
	3.26	3.25	3.29	200.72	202.00	-1
	3.42	3.40	3.44	202.49	202.00	0
	3.46	3.44	3.48	199.01	202.00	-1
	3.59	3.57	3.61	193.85	202.00	-4
Aroclor-1260	4.37	4.35	4.39	195.45	201.64	-3
	4.51	4.49	4.53	191.76	201.64	-5
	4.61	4.60	4.64	190.16	201.64	-6
	4.74	4.72	4.76	182.16	201.64	-10
	5.16	5.14	5.18	183.52	201.64	-9
	5.42	5.40	5.44	186.33	201.64	-8

Compounds 14 Average of %D: 5

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKAZ Sample ID: AZ **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 23:16:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0028.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.206921
%SSR(DCB) : 94% (45-143) Conc.: 0.189424

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**2**	**15.19**	
3.78	3.79	3.82	2369.772	0.002571			5
3.91	3.91	3.95	1171.691	0.002072			6
+ 3.91	3.93	3.95	940.7551	0.001664			6
+ 3.91	3.95	3.95	779.134	0.001378			6
Height Summation:			**3541.463**				
Amount Avg CF:			**0.002322**	Linear:			
Aroclor-1221					**1**		
3.18	3.20	3.22	119707	0.429938			2
Height Summation:			**119707**				
Amount Avg CF:			**0.429938**	Linear:			
Aroclor-1232					**2**	**1.27**	
3.78	3.79	3.82	2369.772	0.005246			5
3.91	3.91	3.95	1171.691	0.005152			6
+ 3.91	3.93	3.95	940.7551	0.004137			6
+ 3.91	3.95	3.95	779.134	0.003426			6
Height Summation:			**3541.463**				
Amount Avg CF:			**0.005199**	Linear:			
Aroclor-1242					**2**	**9.35**	
3.78	3.79	3.82	2369.772	0.001859			5
3.91	3.91	3.95	1171.691	0.001628			6
+ 3.91	3.93	3.95	940.7551	0.001307			6
Height Summation:			**3541.463**				
Amount Avg CF:			**0.001743**	Linear:			
Aroclor-1248					**4**	**66.10**	
3.78	3.79	3.82	2369.772	0.005215			1
3.84	3.87	3.88	722.6774	0.001495			2
3.91	3.91	3.95	1171.691	0.001456			3
+ 3.91	3.93	3.95	940.7551	0.001169			3
+ 3.91	3.95	3.95	779.134	0.000968			3
4.30	4.33	4.34	4701.549	0.005594			6
Height Summation:			**8965.6894**				
Amount Avg CF:			**0.00344**	Linear:			
Aroclor-1260					**3**	**58.70**	
5.02	5.04	5.06	2297.491	0.001608			2
5.45	5.48	5.49	1457.067	0.001856			4
5.89	5.91	5.93	5510.582	0.004383			6
Height Summation:			**9265.14**				
Amount Avg CF:			**0.002616**	Linear:			
Aroclor-1262					**4**	**53.48**	
5.45	5.48	5.49	1457.067	0.001407			2
5.89	5.91	5.93	5510.582	0.003554			4
5.95	5.96	5.99	987.0914	0.001265			5
6.31	6.34	6.35	2596.726	0.003712			6
Height Summation:			**10551.4664**				
Amount Avg CF:			**0.002485**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 23:16:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0028.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 102% (53-140) Conc.: 0.206314
%SSR(DCB) : 95% (45-143) Conc.: 0.192468

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**2**	**3.65**	
3.40	3.42	3.44	3513.216	0.003877			4
3.57	3.60	3.61	2581.098	0.003682			6
Height Summation:			**6094.314**				
Amount Avg CF:			**0.00378**	Linear:			
Aroclor-1221					**1**		
2.86	2.87	2.90	111166.4	0.48378			2
Height Summation:			**111166.4**				
Amount Avg CF:			**0.48378**	Linear:			
Aroclor-1232					**2**	**2.74**	
3.40	3.42	3.44	3513.216	0.008425			4
3.57	3.60	3.61	2581.098	0.008757			6
Height Summation:			**6094.314**				
Amount Avg CF:			**0.008591**	Linear:			
Aroclor-1242					**2**	**6.15**	
3.40	3.42	3.44	3513.216	0.00267			4
3.57	3.60	3.61	2581.098	0.002913			6
Height Summation:			**6094.314**				
Amount Avg CF:			**0.002791**	Linear:			
Aroclor-1248					**2**	**19.46**	
3.55	3.56	3.59	1331.237	0.001447			3
3.90	3.93	3.94	1596.1	0.001097			6
Height Summation:			**2927.337**				
Amount Avg CF:			**0.001272**	Linear:			
Aroclor-1254					**3**	**34.77**	
4.26	4.28	4.30	2876.904	0.00141			2
4.42	4.44	4.46	1448.142	0.001149			4
4.72	4.74	4.76	3106.46	0.00221			6
Height Summation:			**7431.506**				
Amount Avg CF:			**0.001589**	Linear:			
Aroclor-1260					**3**	**45.73**	
4.72	4.74	4.76	3106.46	0.001862			4
5.14	5.16	5.18	3399.66	0.001578			5
5.40	5.42	5.44	4526.888	0.003549			6
Height Summation:			**11033.008**				
Amount Avg CF:			**0.00233**	Linear:			
Aroclor-1262					**4**	**34.00**	
4.95	4.97	4.99	2388.555	0.001574			2
5.14	5.16	5.18	3399.66	0.001214			3
5.40	5.42	5.44	4526.888	0.002649			5
5.78	5.80	5.82	1687.948	0.002308			6
Height Summation:			**12003.051**				
Amount Avg CF:			**0.001936**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKAZ Sample ID: AZ **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 18, 2017 23:16:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0028.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**173.41**	
5.89	5.91	5.93	5510.582	0.001981			1
5.95	5.96	5.99	987.0914	0.00041			2
6.08	6.10	6.12	81521.97	0.035317			3
6.14	6.16	6.18	88973.74	0.14681			4
+ 6.31	6.31	6.35	1685.008	0.002369			5
6.31	6.34	6.35	2596.726	0.003651			5
6.51	6.53	6.55	46171.97	0.009862			6

Height Summation: **225762.0794**
Amount Avg CF: **0.033005** Linear:

Analysis Report (B)

Injected on : Sep 18, 2017 23:16:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0028.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**160.84**	
5.40	5.42	5.44	4526.888	0.001627			2
5.56	5.57	5.60	64713.62	0.027817			3
5.62	5.64	5.66	74715.45	0.131932			4
5.78	5.80	5.82	1687.948	0.002116			5
5.98	6.00	6.02	49466.95	0.009013			6

Height Summation: **195110.856**
Amount Avg CF: **0.034501** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						** 47.79	4	40	
Aroclor-1221						11.79	3	40	
Aroclor-1232						** 49.20	4	40	
Aroclor-1242						** 46.22	4	40	
Aroclor-1248						** 92.04	4	40	
Aroclor-1254							4	40	
Aroclor-1260						11.56	4	40	
Aroclor-1262						24.80	4	40	
Aroclor-1268						4.43	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: 09/19/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 3:16

Lab File ID: 07PCBS17250009.0049.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164AO 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	42.52	40.00	6
Decachlorobiphenyl	6.68	6.65	6.71	37.79	40.24	-6
Aroclor-1016	3.25	3.23	3.27	199.70	202.00	-1
	3.46	3.45	3.49	209.07	202.00	4
	3.58	3.56	3.60	203.71	202.00	1
	3.76	3.74	3.78	200.41	202.00	-1
	3.80	3.78	3.82	196.22	202.00	-3
	3.93	3.91	3.95	206.37	202.00	2
Aroclor-1260	4.84	4.82	4.86	189.35	201.64	-6
	5.04	5.02	5.06	188.70	201.64	-6
	5.24	5.23	5.27	190.94	201.64	-5
	5.47	5.45	5.49	186.85	201.64	-7
	5.71	5.69	5.73	183.79	201.64	-9
	5.91	5.89	5.93	175.47	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: 09/19/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 3:16

Lab File ID: 07PCBS17250009B.0049.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164AO 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	41.62	40.00	4
Decachlorobiphenyl	6.16	6.13	6.19	35.72	40.24	-11
Aroclor-1016	2.93	2.92	2.96	201.76	202.00	0
	3.14	3.12	3.16	206.32	202.00	2
	3.26	3.25	3.29	197.08	202.00	-2
	3.42	3.40	3.44	208.71	202.00	3
	3.45	3.44	3.48	201.06	202.00	0
	3.59	3.57	3.61	192.36	202.00	-5
Aroclor-1260	4.37	4.35	4.39	197.59	201.64	-2
	4.51	4.49	4.53	188.61	201.64	-6
	4.61	4.60	4.64	189.75	201.64	-6
	4.74	4.72	4.76	181.21	201.64	-10
	5.16	5.14	5.18	183.14	201.64	-9
	5.42	5.40	5.44	186.82	201.64	-7

Compounds 14 Average of %D: 5

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **IBLKX17** 24B PIBLKBA Sample ID: BA **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 19, 2017 03:28:02
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0050.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 102% (53-140) Conc.: 0.204906
%SSR(DCB) : 92% (45-143) Conc.: 0.186751

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	53.51	
3.45	3.46	3.49	3936.279	0.005849			2
3.78	3.80	3.82	2975.874	0.003229			5
+ 3.78	3.81	3.82	2258.583	0.00245			5
3.91	3.92	3.95	1121.91	0.001984			6
Height Summation:			8034.063				
Amount Avg CF:			0.003687	Linear:			
Aroclor-1221					2	137.44	
3.13	3.16	3.17	1852.736	0.006087			1
3.18	3.20	3.22	118780.9	0.426611			2
Height Summation:			120633.636				
Amount Avg CF:			0.216349	Linear:			
Aroclor-1232					3	48.28	
3.45	3.46	3.49	3936.279	0.012222			2
3.78	3.80	3.82	2975.874	0.006587			5
+ 3.78	3.81	3.82	2258.583	0.004999			5
3.91	3.92	3.95	1121.91	0.004933			6
Height Summation:			8034.063				
Amount Avg CF:			0.007914	Linear:			
Aroclor-1242					3	53.78	
3.45	3.46	3.49	3936.279	0.004448			2
3.78	3.80	3.82	2975.874	0.002334			5
+ 3.78	3.81	3.82	2258.583	0.001771			5
3.91	3.92	3.95	1121.91	0.001559			6
Height Summation:			8034.063				
Amount Avg CF:			0.00278	Linear:			
Aroclor-1248					4	86.23	
3.78	3.80	3.82	2975.874	0.006549			1
+ 3.78	3.81	3.82	2258.583	0.004971			1
+ 3.84	3.84	3.88	1667.142	0.003449			2
3.84	3.86	3.88	1682.929	0.003482			2
+ 3.84	3.88	3.88	1014.793	0.002099			2
3.91	3.92	3.95	1121.91	0.001394			3
4.30	4.33	4.34	11639.31	0.013849			6
Height Summation:			17420.023				
Amount Avg CF:			0.006318	Linear:			
Aroclor-1254					1		
5.11	5.12	5.15	1141.336	0.001605			5
Height Summation:			1141.336				
Amount Avg CF:			0.001605	Linear:			
Aroclor-1260					3	13.74	
5.02	5.04	5.06	4542.928	0.00318			2
5.45	5.48	5.49	2056.689	0.00262			4
5.89	5.91	5.93	3091.596	0.002459			6
Height Summation:			9691.213				
Amount Avg CF:			0.002753	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 03:28:02
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0050.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 104% (53-140) Conc.: 0.208912
%SSR(DCB) : 88% (45-143) Conc.: 0.177843

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	0.18	
3.12	3.16	3.16	3763.058	0.004399			2
3.40	3.42	3.44	3996.722	0.004411			4
Height Summation:			7759.78				
Amount Avg CF:			0.004405	Linear:			
Aroclor-1221					2	134.79	
2.80	2.81	2.84	4303.795	0.011748			1
2.86	2.87	2.90	112431.8	0.489287			2
Height Summation:			116735.595				
Amount Avg CF:			0.250518	Linear:			
Aroclor-1232					2	6.73	
3.12	3.16	3.16	3763.058	0.008714			2
3.40	3.42	3.44	3996.722	0.009584			4
Height Summation:			7759.78				
Amount Avg CF:			0.009149	Linear:			
Aroclor-1242					2	34.29	
3.12	3.16	3.16	3763.058	0.004982			2
3.40	3.42	3.44	3996.722	0.003038			4
Height Summation:			7759.78				
Amount Avg CF:			0.00401	Linear:			
Aroclor-1248					1		
3.67	3.67	3.71	1823.043	0.001648			4
Height Summation:			1823.043				
Amount Avg CF:			0.001648	Linear:			
Aroclor-1254					2	25.22	
4.26	4.28	4.30	2132.575	0.001045			2
4.72	4.74	4.76	2107.147	0.001499			6
Height Summation:			4239.722				
Amount Avg CF:			0.001272	Linear:			
Aroclor-1260					3	31.63	
4.60	4.61	4.64	2038.217	0.001474			3
4.72	4.74	4.76	2107.147	0.001263			4
5.40	5.42	5.44	2887.115	0.002264			6
Height Summation:			7032.479				
Amount Avg CF:			0.001667	Linear:			
Aroclor-1262					1		
5.40	5.42	5.44	2887.115	0.00169			5
Height Summation:			2887.115				
Amount Avg CF:			0.00169	Linear:			
Aroclor-1268					4	145.13	
5.40	5.42	5.44	2887.115	0.001038			2
5.56	5.57	5.60	65068.68	0.02797			3
5.62	5.64	5.66	77660.6	0.137133			4
5.98	6.00	6.02	46410.38	0.008456			6
Height Summation:			192026.775				
Amount Avg CF:			0.043649	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKBA Sample ID: BA **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 19, 2017 03:28:02
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0050.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**4**	**37.88**	
5.45	5.48	5.49	2056.689	0.001986			2
5.89	5.91	5.93	3091.596	0.001994			4
5.95	5.96	5.99	2798.575	0.003587			5
6.31	6.33	6.35	2906.345	0.004154			6
Height Summation:			**10853.205**				
Amount Avg CF:			**0.00293**	Linear:			
Aroclor-1268					**6**	**174.88**	
5.89	5.91	5.93	3091.596	0.001111			1
5.95	5.96	5.99	2798.575	0.001163			2
6.08	6.10	6.12	86577.67	0.037507			3
6.14	6.16	6.18	93613.02	0.154465			4
6.31	6.33	6.35	2906.345	0.004086			5
6.51	6.53	6.55	40940.56	0.008744			6
Height Summation:			**229927.766**				
Amount Avg CF:			**0.034513**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 03:28:02
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0050.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						17.74	4	40	
Aroclor-1221						14.64	3	40	
Aroclor-1232						14.47	4	40	
Aroclor-1242						36.21	4	40	
Aroclor-1248						** 117.26	4	40	
Aroclor-1254						23.15	4	40	
Aroclor-1260						** 49.14	4	40	
Aroclor-1262						** 53.71	4	40	
Aroclor-1268						23.38	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: 09/19/17

GC Column (1) : ZB MR1 ID: .32 (mm) Time Analyzed: 5:56

Lab File ID: 07PCBS17250009.0063.RAW Initial Calibration: 07PCBS1725001

Lab Standard ID: AR164AP 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	41.57	40.00	4
Decachlorobiphenyl	6.68	6.65	6.71	36.25	40.24	-10
Aroclor-1016	3.25	3.23	3.27	200.89	202.00	-1
	3.46	3.45	3.49	207.30	202.00	3
	3.58	3.56	3.60	204.02	202.00	1
	3.76	3.74	3.78	205.67	202.00	2
	3.80	3.78	3.82	202.02	202.00	0
	3.93	3.91	3.95	202.54	202.00	0
Aroclor-1260	4.84	4.82	4.86	203.69	201.64	1
	5.04	5.02	5.06	182.17	201.64	-10
	5.24	5.23	5.27	181.78	201.64	-10
	5.47	5.45	5.49	196.33	201.64	-3
	5.71	5.69	5.73	188.70	201.64	-6
	5.91	5.89	5.93	175.69	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: 09/19/17

GC Column (2) : ZB MR2 ID: .32 (mm) Time Analyzed: 5:56

Lab File ID: 07PCBS17250009B.0063.RAW Initial Calibration: 07PCBS1725001B

Lab Standard ID: AR164AP 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	42.30	40.00	6
Decachlorobiphenyl	6.16	6.13	6.19	36.24	40.24	-10
Aroclor-1016	2.93	2.92	2.96	203.17	202.00	1
	3.14	3.12	3.16	203.23	202.00	1
	3.26	3.25	3.29	203.62	202.00	1
	3.42	3.40	3.44	213.83	202.00	6
	3.45	3.44	3.48	194.35	202.00	-4
	3.59	3.57	3.61	196.36	202.00	-3
Aroclor-1260	4.37	4.35	4.39	194.76	201.64	-3
	4.51	4.49	4.53	191.23	201.64	-5
	4.61	4.60	4.64	186.63	201.64	-7
	4.74	4.72	4.76	180.91	201.64	-10
	5.16	5.14	5.18	193.27	201.64	-4
	5.42	5.40	5.44	184.68	201.64	-8

Compounds 14 Average of %D: 5

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKBB Sample ID: BB **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 19, 2017 06:08:01
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0064.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 103% (53-140) Conc.: 0.206958
%SSR(DCB) : 84% (45-143) Conc.: 0.170337

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	42.98	
3.78	3.79	3.82	2881.113	0.003126			5
+ 3.91	3.91	3.95	865.3574	0.001531			6
3.91	3.92	3.95	943.4269	0.001669			6
Height Summation:			**3824.5399**				
Amount Avg CF:			**0.002397**	Linear:			
Aroclor-1221					1		
3.18	3.20	3.22	118237.1	0.424658			2
Height Summation:			**118237.1**				
Amount Avg CF:			**0.424658**	Linear:			
Aroclor-1232					2	29.95	
3.78	3.79	3.82	2881.113	0.006377			5
+ 3.91	3.91	3.95	865.3574	0.003805			6
3.91	3.92	3.95	943.4269	0.004148			6
Height Summation:			**3824.5399**				
Amount Avg CF:			**0.005263**	Linear:			
Aroclor-1242					2	37.58	
3.78	3.79	3.82	2881.113	0.00226			5
+ 3.91	3.91	3.95	865.3574	0.001202			6
3.91	3.92	3.95	943.4269	0.001311			6
Height Summation:			**3824.5399**				
Amount Avg CF:			**0.001785**	Linear:			
Aroclor-1248					4	74.53	
3.78	3.79	3.82	2881.113	0.006341			1
3.84	3.84	3.88	1218.112	0.00252			2
+ 3.84	3.86	3.88	622.3439	0.001288			2
+ 3.91	3.91	3.95	865.3574	0.001075			3
3.91	3.92	3.95	943.4269	0.001172			3
4.30	4.33	4.34	7443.74	0.008857			6
Height Summation:			**12486.3919**				
Amount Avg CF:			**0.004722**	Linear:			
Aroclor-1254					1		
4.91	4.93	4.95	2145.04	0.001726			4
Height Summation:			**2145.04**				
Amount Avg CF:			**0.001726**	Linear:			
Aroclor-1260					2	44.97	
5.02	5.04	5.06	3329.703	0.002331			2
5.89	5.91	5.93	5662.407	0.004504			6
Height Summation:			**8992.11**				
Amount Avg CF:			**0.003417**	Linear:			
Aroclor-1262					2	5.28	
5.89	5.91	5.93	5662.407	0.003652			4
5.95	5.96	5.99	2644.114	0.003389			5
Height Summation:			**8306.521**				
Amount Avg CF:			**0.00352**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 06:08:01
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0064.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 104% (53-140) Conc.: 0.209148
%SSR(DCB) : 87% (45-143) Conc.: 0.175233

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					2	6.32	
3.12	3.15	3.16	3773.019	0.004411			2
3.40	3.42	3.44	3654.973	0.004034			4
Height Summation:			**7427.992**				
Amount Avg CF:			**0.004222**	Linear:			
Aroclor-1221					1		
2.86	2.87	2.90	113499.3	0.493932			2
Height Summation:			**113499.3**				
Amount Avg CF:			**0.493932**	Linear:			
Aroclor-1232					2	0.23	
3.12	3.15	3.16	3773.019	0.008737			2
3.40	3.42	3.44	3654.973	0.008765			4
Height Summation:			**7427.992**				
Amount Avg CF:			**0.008751**	Linear:			
Aroclor-1242					2	40.34	
3.12	3.15	3.16	3773.019	0.004995			2
3.40	3.42	3.44	3654.973	0.002778			4
Height Summation:			**7427.992**				
Amount Avg CF:			**0.003887**	Linear:			
Aroclor-1248					2	52.60	
3.76	3.80	3.80	906.6086	0.001185			5
3.90	3.91	3.94	3767.379	0.002589			6
Height Summation:			**4673.9876**				
Amount Avg CF:			**0.001887**	Linear:			
Aroclor-1254					3	31.62	
4.26	4.27	4.30	2778.964	0.001362			2
4.35	4.37	4.39	2083.684	0.002174			3
4.42	4.45	4.46	1574.921	0.00125			4
Height Summation:			**6437.569**				
Amount Avg CF:			**0.001595**	Linear:			
Aroclor-1260					3	41.17	
4.35	4.37	4.39	2083.684	0.001398			1
5.14	5.16	5.18	3994.994	0.001855			5
5.40	5.42	5.44	3926.64	0.003079			6
Height Summation:			**10005.318**				
Amount Avg CF:			**0.002111**	Linear:			
Aroclor-1262					4	20.61	
4.95	4.96	4.99	3100.812	0.002043			2
5.14	5.16	5.18	3994.994	0.001426			3
5.36	5.37	5.40	1710.249	0.001688			4
5.40	5.42	5.44	3926.64	0.002298			5
Height Summation:			**12732.695**				
Amount Avg CF:			**0.001864**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: IBLKX17 24B PIBLKBB Sample ID: BB **Batchnumber: 1726099999**
Sample Amount: 1000 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10736

Analysis Report (A)

Injected on : Sep 19, 2017 06:08:01
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0064.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**162.91**	
5.89	5.91	5.93	5662.407	0.002036			1
5.95	5.96	5.99	2644.114	0.001099			2
6.08	6.10	6.12	85975.1	0.037246			3
6.14	6.16	6.18	100790.8	0.166308			4
6.51	6.53	6.55	43487.41	0.009288			6

Height Summation: **238559.831**
Amount Avg CF: **0.043196** Linear:

Analysis Report (B)

Injected on : Sep 19, 2017 06:08:01
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0064.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**5**	**164.28**	
5.36	5.37	5.40	1710.249	0.000589			1
5.40	5.42	5.44	3926.64	0.001411			2
5.56	5.57	5.60	69225.46	0.029757			3
5.62	5.64	5.66	78563.71	0.138728			4
5.98	6.00	6.02	45747.95	0.008335			6

Height Summation: **199174.009**
Amount Avg CF: **0.035764** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016						** 55.14	4	40	
Aroclor-1221						15.08	3	40	
Aroclor-1232						** 49.78	4	40	
Aroclor-1242						** 74.09	4	40	
Aroclor-1248						** 85.80	4	40	
Aroclor-1254						7.87	4	40	
Aroclor-1260						** 47.28	4	40	
Aroclor-1262						** 61.53	4	40	
Aroclor-1268						18.82	4	40	

Units: ug/kg

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 07PCBS17250009
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
0492	07PCBS17250009.0001	CONDITIONER		9/18/17 18:08	1726099999	1.00
0492	07PCBS17250009.0002	CONDITIONER		9/18/17 18:19	1726099999	1.00
0492	07PCBS17250009.0003	CONDITIONER		9/18/17 18:30	1726099999	1.00
0492	07PCBS17250009.0004	CONDITIONER		9/18/17 18:42	1726099999	1.00
0492	07PCBS17250009.0005	AR1641724B	AR164AM	9/18/17 18:53	1726099999	1.00
0492	07PCBS17250009.0006	IBLKX1724B	PIBLKAY	9/18/17 19:04	1726099999	10.00
0492	07PCBS17250009.0007	9202613 ACF DF20	T198W	9/18/17 19:16	172550025A	200.00
0492	07PCBS17250009.0008	9202666 ACF	-119W	9/18/17 19:27	172560030A	10.00
0492	07PCBS17250009.0009	9202666 ACF DF5	-119W	9/18/17 19:39	172560030A	50.00
0492	07PCBS17250009.0010	9197316 CAF DF50	T1-9W	9/18/17 19:50	172510040A	500.00
0492	07PCBS17250009.0011	BLANKA 9/14/17 ACI	PBLK44256	9/18/17 20:02	172560044A	10.00
0492	07PCBS17250009.0012	LCSA 9/14/17 ACF	LCS44256	9/18/17 20:13	172560044A	10.00
0492	07PCBS17250009.0013	9202701 ACF DF50	-132E	9/18/17 20:25	172560044A	500.00
0492	07PCBS17250009.0014	9202702 ACF DF10	-133W	9/18/17 20:36	172560044A	100.00
0492	07PCBS17250009.0015	9202703 ACF DF10	-133E	9/18/17 20:47	172560044A	100.00
0492	07PCBS17250009.0016	9202704 ACF DF50	-134W	9/18/17 20:59	172560044A	500.00
0492	07PCBS17250009.0017	9202705 ACF DF100	-128E	9/18/17 21:10	172560044A	1,000.00
0492	07PCBS17250009.0018	9202706 ACF DF50	-129W	9/18/17 21:22	172560044A	500.00
0492	07PCBS17250009.0019	9202707MS ACF DF	-129W	9/18/17 21:33	172560044A	500.00
0492	07PCBS17250009.0020	9202708MSD ACF D	-129W	9/18/17 21:45	172560044A	500.00
0492	07PCBS17250009.0021	9202709 ACF DF50	DUP17	9/18/17 21:56	172560044A	500.00
0492	07PCBS17250009.0022	9202710 ACF DF5	-134E	9/18/17 22:08	172560044A	50.00
0492	07PCBS17250009.0023	9202711 ACF DF20	-135W	9/18/17 22:19	172560044A	200.00
0492	07PCBS17250009.0024	9202712 ACF DF20	-135E	9/18/17 22:31	172560044A	200.00
0492	07PCBS17250009.0025	9202713 ACF DF50	-136W	9/18/17 22:42	172560044A	500.00
0492	07PCBS17250009.0026	9202714 ACF DF20	-136E	9/18/17 22:54	172560044A	200.00
0492	07PCBS17250009.0027	AR1641724B	AR164AN	9/18/17 23:05	1726099999	1.00
0492	07PCBS17250009.0028	IBLKX1724B	PIBLKAZ	9/18/17 23:16	1726099999	10.00
0492	07PCBS17250009.0029	9202715 ACF DF50	-136N	9/18/17 23:28	172560044A	500.00
0492	07PCBS17250009.0030	BLANKA 9/14/17 ACI	PBLK41256	9/18/17 23:39	172560041A	10.00
0492	07PCBS17250009.0031	LCSA 9/14/17 ACF	LCS41256	9/18/17 23:51	172560041A	10.00
0492	07PCBS17250009.0032	9202691 ACF DF100	-128W	9/19/17 0:02	172560041A	1,000.00
0492	07PCBS17250009.0033	9202692MS ACF DF	-128W	9/19/17 0:13	172560041A	1,000.00
0492	07PCBS17250009.0034	9202693MSD ACF D	-128W	9/19/17 0:25	172560041A	1,000.00
0492	07PCBS17250009.0035	9202694 ACF DF100	DUP16	9/19/17 0:36	172560041A	1,000.00
0492	07PCBS17250009.0036	9202695 ACF DF200	-129E	9/19/17 0:48	172560041A	2,000.00
0492	07PCBS17250009.0037	9202696 ACF DF50	-130W	9/19/17 0:59	172560041A	500.00
0492	07PCBS17250009.0038	9202697 ACF DF50	-130E	9/19/17 1:11	172560041A	500.00
0492	07PCBS17250009.0039	9202698 ACF DF50	-131W	9/19/17 1:22	172560041A	500.00
0492	07PCBS17250009.0040	9202699 ACF DF10	-131E	9/19/17 1:34	172560041A	100.00
0492	07PCBS17250009.0041	9202700 ACF DF50	-132W	9/19/17 1:45	172560041A	500.00
0492	07PCBS17250009.0042	BLANKA 9/14/17 ACI	PBLK40256	9/19/17 1:56	172560040A	10.00
0492	07PCBS17250009.0043	LCSA 9/14/17 ACF	LCS40256	9/19/17 2:08	172560040A	10.00
0492	07PCBS17250009.0044	9202673 ACF DF50	DUP14	9/19/17 2:19	172560040A	500.00
0492	07PCBS17250009.0045	9202674 ACF DF50	-121E	9/19/17 2:31	172560040A	500.00
0492	07PCBS17250009.0046	9202675 ACF DF50	-122W	9/19/17 2:42	172560040A	500.00
0492	07PCBS17250009.0047	9202676 ACF DF200	-122E	9/19/17 2:53	172560040A	2,000.00
0492	07PCBS17250009.0048	9202677 ACF DF50	-123W	9/19/17 3:05	172560040A	500.00
0492	07PCBS17250009.0049	AR1641724B	AR164AO	9/19/17 3:16	1726099999	1.00
0492	07PCBS17250009.0050	IBLKX1724B	PIBLKBA	9/19/17 3:28	1726099999	10.00
0492	07PCBS17250009.0051	9202678 ACF DF100	-123E	9/19/17 3:39	172560040A	1,000.00
0492	07PCBS17250009.0052	9202680 ACF DF50	-124W	9/19/17 3:50	172560040A	500.00
0492	07PCBS17250009.0053	9202681MS ACF DF	-124W	9/19/17 4:02	172560040A	500.00
0492	07PCBS17250009.0054	9202682MSD ACF D	-124W	9/19/17 4:13	172560040A	500.00
0492	07PCBS17250009.0055	9202683 ACF DF50	DUP15	9/19/17 4:25	172560040A	500.00
0492	07PCBS17250009.0056	9202684 ACF DF100	-124E	9/19/17 4:36	172560040A	1,000.00

Operator	File	LLI#	Client ID	Analysis Date	Batch	Dilution Factor
0492	07PCBS17250009.0057	9202685	ACF DF100-125W	9/19/17 4:48	172560040A	1,000.00
0492	07PCBS17250009.0058	9202686	ACF DF20 -125E	9/19/17 4:59	172560040A	200.00
0492	07PCBS17250009.0059	9202687	ACF DF50 -126W	9/19/17 5:11	172560040A	500.00
0492	07PCBS17250009.0060	9202688	ACF DF20 -126E	9/19/17 5:22	172560040A	200.00
0492	07PCBS17250009.0061	9202689	ACF DF100-127W	9/19/17 5:33	172560040A	1,000.00
0492	07PCBS17250009.0062	9202690	ACF DF50 -127E	9/19/17 5:45	172560040A	500.00
0492	07PCBS17250009.0063	AR1641724B	AR164AP	9/19/17 5:56	1726099999	1.00
0492	07PCBS17250009.0064	IBLKX1724B	PIBLKBB	9/19/17 6:08	1726099999	10.00

Sample Data

Polychlorinated Biphenyls (PCBs)

Lancaster Laboratories Environmental

LOQ/MDL Summary
Pesticide Residue Analysis

SDG: ATG69

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: 9202690 ACF DF50 -127E Sample ID: AC **Batchnumber: 172560040A**
Sample Amount: 10.02 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 05:45:18
Instrument	19843A
Result file	07PCBS17250009.0062.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 92% (61 - 152) Conc: 28.00183
%SSR(DCB) 124% (48 - 164) Conc: 33.5998

Analysis Report (B)

Injected on	Sep 19, 2017 05:45:18
Instrument	19843B
Result file	07PCBS17250009B.0062.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 92% (61 - 152) Conc: 28.17136
%SSR(DCB) 127% (48 - 164) Conc: 34.34597

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	212400	28.00183
Decachlorobiphenyl	6.65	6.68	6.71	90887	33.5998

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	219398	28.17136
Decachlorobiphenyl	6.13	6.16	6.19	109648	34.34597

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	28.17136				0.60	
☑	Tetrachloro-m-xylene-D1	A	28.00183					
☑	Tetrachloro-m-xylene-D2	B	28.17136					
☐	Decachlorobiphenyl	B	34.34597				2.20	
☑	Decachlorobiphenyl-D1	A	33.5998					
☑	Decachlorobiphenyl-D2	B	34.34597					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.93**	
4.82	4.84	4.86	2140282	7338.034537			1
5.02	5.04	5.06	2270316	7929.828341			2
5.23	5.24	5.27	2371092	8727.980418			3
5.45	5.47	5.49	1285522	8171.502173			4
5.69	5.71	5.73	3426935	8895.173988			5
5.89	5.91	5.93	2137058	8482.197763			6

Height summation: **13631205**
Concentration CF: **8257.45287** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**7.91**	
4.35	4.37	4.39	2259081	7563.930129			1
4.49	4.51	4.53	2707476	7902.565631			2
4.60	4.61	4.64	1942405	7011.547897			3
4.72	4.74	4.76	2765505	8272.469175			4
5.14	5.16	5.18	3765302	8723.706133			5
5.40	5.42	5.44	2165216	8471.160995			6

Height summation: **15604985**
Concentration CF: **7990.89666** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2544.9101	<494.012	D1		4	
☑	PCB-1221			<2544.9101	<763.473	D1		3	
☑	PCB-1232			<2544.9101	<613.7724	D1		4	
☑	PCB-1242			<2544.9101	<613.7724	D1		4	
☑	PCB-1248			<2544.9101	<494.012	D1		4	
☑	PCB-1254			<2544.9101	<658.6826	D1		4	
☑	PCB-1260	A	8257.45287	2544.9101	583.8323	D1	3.28	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 9/21/2017 13:00:46

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202690** ACF DF50 -127E Sample ID: AC **Batchnumber: 172560040A**
Sample Amount: 10.02 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0062.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 92% (61-152) Conc.: 28.00183
%SSR(DCB) : 124% (48-164) Conc.: 33.5998

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**154.49**	
3.23	3.24	3.27	6861.28	52.078619			1
+ 3.23	3.26	3.27	5352.299	40.625122			1
3.45	3.48	3.49	9638.4	71.471672			2
3.56	3.56	3.60	7028.752	43.721544			3
+ 3.56	3.59	3.60	4211.044	26.194315			3
3.74	3.77	3.78	15573.9	98.948966			4
3.78	3.80	3.82	14992.1	81.1624			5
3.91	3.93	3.95	88029.45	776.921684			6
Height Summation:			**142123.882**				
Amount Avg CF:			**187.384147**	Linear:			
Aroclor-1221					**3**	**59.65**	
+ 3.13	3.13	3.17	2207.826	36.193977			1
3.13	3.16	3.17	8190.251	134.266812			1
+ 3.18	3.18	3.22	8913.386	159.746321			2
3.18	3.21	3.22	9881.064	177.089113			2
3.23	3.24	3.27	6861.28	40.372626			3
+ 3.23	3.26	3.27	5352.299	31.493594			3
Height Summation:			**24932.595**				
Amount Avg CF:			**117.242851**	Linear:			
Aroclor-1232					**6**	**170.23**	
3.23	3.24	3.27	6861.28	44.390862			1
+ 3.23	3.26	3.27	5352.299	34.628111			1
3.45	3.48	3.49	9638.4	149.334191			2
3.56	3.56	3.60	7028.752	90.884353			3
+ 3.56	3.59	3.60	4211.044	54.45035			3
3.74	3.77	3.78	15573.9	214.670297			4
3.78	3.80	3.82	14992.1	165.595717			5
3.91	3.93	3.95	88029.45	1931.524437			6
Height Summation:			**142123.882**				
Amount Avg CF:			**432.73331**	Linear:			
Aroclor-1242					**6**	**159.29**	
3.23	3.24	3.27	6861.28	38.894843			1
+ 3.23	3.26	3.27	5352.299	30.340815			1
3.45	3.48	3.49	9638.4	54.349292			2
3.56	3.56	3.60	7028.752	33.250394			3
+ 3.56	3.59	3.60	4211.044	19.920872			3
3.74	3.77	3.78	15573.9	66.862548			4
3.78	3.80	3.82	14992.1	58.675521			5
3.91	3.93	3.95	88029.45	610.406148			6
Height Summation:			**142123.882**				
Amount Avg CF:			**143.739791**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0062.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 92% (61-152) Conc.: 28.17136
%SSR(DCB) : 127% (48-164) Conc.: 34.34597

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**115.58**	
2.92	2.95	2.96	57786.7	428.741455			1
3.12	3.14	3.16	6581.426	38.394633			2
3.25	3.27	3.29	10706.3	63.189329			3
+ 3.40	3.42	3.44	5675.459	31.254006			4
* 3.40	3.44	3.44	11653.52	64.174401			4
* 3.44	3.44	3.48	11653.52	68.326354			5
+ 3.44	3.47	3.48	10928.92	64.077915			5
3.57	3.59	3.61	85884.91	611.351926			6
+ 3.57	3.60	3.61	37903.36	269.806327			6
Height Summation:			**184266.376**				
Amount Avg CF:			**212.363016**	Linear:			
Aroclor-1221					**2**	**51.61**	
2.86	2.87	2.90	6840.275	148.542315			2
2.92	2.95	2.96	57786.7	319.241353			3
Height Summation:			**64626.975**				
Amount Avg CF:			**233.891834**	Linear:			
Aroclor-1232					**6**	**140.31**	
2.92	2.95	2.96	57786.7	350.442815			1
3.12	3.14	3.16	6581.426	76.046088			2
3.25	3.27	3.29	10706.3	127.901995			3
+ 3.40	3.42	3.44	5675.459	67.914912			4
* 3.44	3.44	3.48	11653.52	136.939018			5
* 3.40	3.44	3.44	11653.52	139.450886			4
+ 3.44	3.47	3.48	10928.92	128.424337			5
3.57	3.59	3.61	85884.91	1454.08795			6
+ 3.57	3.60	3.61	37903.36	641.728786			6
Height Summation:			**184266.376**				
Amount Avg CF:			**380.811459**	Linear:			
Aroclor-1242					**6**	**115.92**	
2.92	2.95	2.96	57786.7	310.036391			1
3.12	3.14	3.16	6581.426	43.480954			2
3.25	3.27	3.29	10706.3	48.342916			3
+ 3.40	3.42	3.44	5675.459	21.524441			4
* 3.40	3.44	3.44	11653.52	44.196513			4
* 3.44	3.44	3.48	11653.52	49.364639			5
+ 3.44	3.47	3.48	10928.92	46.295213			5
3.57	3.59	3.61	85884.91	483.637801			6
+ 3.57	3.60	3.61	37903.36	213.44259			6
Height Summation:			**184266.376**				
Amount Avg CF:			**163.176536**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202690** ACF DF50 -127E Sample ID: AC **Batchnumber: 172560040A**
Sample Amount: 10.02 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0062.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	172.04	
3.78	3.80	3.82	14992.1	164.643351			1
3.84	3.86	3.88	10507.86	108.477774			2
3.91	3.93	3.95	88029.45	545.781535			3
+ 4.03	4.03	4.07	2141.536	11.758568			4
4.03	4.05	4.07	35376.64	194.243123			4
4.12	4.14	4.16	11808.03	74.88515			5
4.30	4.31	4.34	539350.3	3202.283421			6
Height Summation:			**700064.38**				
Amount Avg CF:			**715.052392**	Linear:			
Aroclor-1254					6	100.12	
4.29	4.31	4.32	539350.3	2969.823519			1
+ 4.63	4.65	4.67	97565.97	506.561628			2
4.63	4.67	4.67	264419.2	1372.86208			2
4.69	4.72	4.73	720242.7	1767.608746			3
4.91	4.93	4.95	357053.4	1433.482446			4
5.11	5.13	5.15	940132.4	6596.62125			5
5.23	5.24	5.27	2371092	12664.836071			6
Height Summation:			**5192290**				
Amount Avg CF:			**4467.539019**	Linear:			
Aroclor-1260					6	6.93	
4.82	4.84	4.86	2140282	7338.034537			1
5.02	5.04	5.06	2270316	7929.828341			2
5.23	5.24	5.27	2371092	8727.980418			3
5.45	5.47	5.49	1285522	8171.502173			4
5.69	5.71	5.73	3426935	8895.173988			5
5.89	5.91	5.93	2137058	8482.197763			6
Height Summation:			**13631205**				
Amount Avg CF:			**8257.45287**	Linear:			
Aroclor-1262					6	30.69	
5.29	5.31	5.33	1108287	4748.433934			1
5.45	5.47	5.49	1285522	6195.60177			2
5.69	5.71	5.73	3426935	7527.21107			3
5.89	5.91	5.93	2137058	6877.34162			4
5.95	5.96	5.99	432906.3	2768.79603			5
6.31	6.33	6.35	735138.9	5243.585049			6
Height Summation:			**9125847.2**				
Amount Avg CF:			**5560.161579**	Linear:			
Aroclor-1268					6	96.92	
5.89	5.91	5.93	2137058	3833.757963			1
5.95	5.96	5.99	432906.3	898.101105			2
6.08	6.10	6.12	29737.75	64.286049			3
+ 6.14	6.15	6.18	54276.28	446.894644			4
6.14	6.18	6.18	378516.5	3116.591564			4
6.31	6.33	6.35	735138.9	5157.049029			5
6.51	6.53	6.55	129579.4	138.107883			6
Height Summation:			**3842936.85**				
Amount Avg CF:			**2201.315599**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0062.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	137.17	
3.44	3.44	3.48	11653.52	149.182513			1
+ 3.44	3.47	3.48	10928.92	139.906547			1
3.51	3.53	3.55	18407.52	171.894905			2
3.55	3.56	3.59	90356.73	489.997372			3
3.67	3.69	3.71	48072.86	216.824582			4
3.76	3.76	3.80	24838.91	162.019184			5
+ 3.76	3.78	3.80	17677.84	115.308973			5
3.90	3.91	3.94	580943.8	1992.068575			6
Height Summation:			**774273.34**				
Amount Avg CF:			**530.331188**	Linear:			
Aroclor-1254					6	111.04	
4.20	4.22	4.24	238333.1	1030.522239			1
+ 4.26	4.28	4.30	287199.1	702.322473			2
4.26	4.29	4.30	621140.9	1518.950487			2
4.35	4.37	4.39	2259081	11761.086819			3
4.42	4.44	4.46	198122.6	784.392109			4
4.64	4.66	4.68	330007.9	1855.806482			5
4.72	4.74	4.76	2765505	9815.518863			6
Height Summation:			**6412190.5**				
Amount Avg CF:			**4461.046167**	Linear:			
Aroclor-1260					6	7.91	
4.35	4.37	4.39	2259081	7563.930129			1
4.49	4.51	4.53	2707476	7902.565631			2
4.60	4.61	4.64	1942405	7011.547897			3
4.72	4.74	4.76	2765505	8272.469175			4
5.14	5.16	5.18	3765302	8723.706133			5
5.40	5.42	5.44	2165216	8471.160995			6
Height Summation:			**15604985**				
Amount Avg CF:			**7990.89666**	Linear:			
Aroclor-1262					6	28.33	
4.76	4.77	4.80	1276431	3904.940049			1
4.95	4.96	4.99	1548792	5091.654706			2
5.14	5.16	5.18	3765302	6708.700595			3
5.36	5.37	5.40	608892.8	2999.55435			4
5.40	5.42	5.44	2165216	6323.363477			5
5.78	5.80	5.82	703444.9	4800.07642			6
Height Summation:			**10068078.7**				
Amount Avg CF:			**4971.381599**	Linear:			
Aroclor-1268					6	123.88	
5.36	5.37	5.40	608892.8	1046.93341			1
5.40	5.42	5.44	2165216	3882.856424			2
5.56	5.57	5.60	40872.41	87.669815			3
5.62	5.64	5.66	16160.62	142.397101			4
+ 5.62	5.66	5.66	8320.807	73.317657			4
5.78	5.80	5.82	703444.9	4401.364308			5
5.98	6.00	6.02	130457.2	118.607712			6
Height Summation:			**3665043.93**				
Amount Avg CF:			**1613.304795**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202690 ACF DF50 -127E Sample ID: AC **Batchnumber: 172560040A**
Sample Amount: 10.02 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0062.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 05:45:18
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0062.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			2544.9101	494.012		12.50	4	40	
Aroclor-1221			2544.9101	763.473		** 66.44	3	40	
Aroclor-1232			2544.9101	613.7724		12.76	4	40	
Aroclor-1242			2544.9101	613.7724		12.67	4	40	
Aroclor-1248			2544.9101	494.012		29.66	4	40	
Aroclor-1254			2544.9101	658.6826		0.15	4	40	
Aroclor-1260			2544.9101	583.8323		3.28	4	40	
Aroclor-1262			2544.9101	494.012		11.18	4	40	
Aroclor-1268			2544.9101	494.012		30.83	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202690 ACF DF50 AC-127E T 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 5:45:18 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: 07pcbs17250009.0062.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.572		4324	4009
1.641		28407	27946
1.671		3859	3806
1.747		11938	8390
1.793		5859	6598
1.896		18157	14660
1.92		17936	20764
1.944		20375	25502
1.986		26415	24159
2.004		30277	39957
2.034		6123	2075
2.053		21474	17541
2.069		27825	26709
2.116		25044	42008
2.14		20828	25781
2.158		22209	16233
2.175		26991	29156
2.199		21252	19862
2.214		18891	23002
2.24		9112	6923
2.269		31249	18986
2.291		8555	4782
2.325		13091	6152
2.344		32872	45758
2.381		48818	68780
2.413		21661	16952
2.447		42221	44812
2.462		40813	53058
2.498		24428	26103
2.515		27842	35013
2.549		25756	25813
2.581		13191	14157
2.607		8447	3996
2.638		26119	35224
2.676		11761	10767
2.696		14186	13715
2.72		35888	18489
2.735		4360	2662
2.759		4019	2255
2.772		10324	12584
2.804		21649	18767
2.833		10335	11339
2.856		8573	3546
2.873		14958	10678
2.901		7445	4927
2.949		8636	6762
2.975		6526	2225
2.999	TCX	212400	142049
3.047		8418	7111
3.073		14230	16371
3.115		4176	4452
3.134		2208	1328
3.164		8190	7266

RT A	Compound A	Height A	Area A
3.183		8913	7396
3.208		9881	5221
3.226		5760	2520
3.242		6861	4683
3.262		5352	2843
3.319		49976	38202
3.377		4741	2542
3.396		4589	2526
3.422		6015	5468
3.444		6644	5026
3.485		9638	13771
3.503		4088	2631
3.535		5208	3854
3.561		7029	6654
3.588		4211	2297
3.608		3692	1641
3.655		11883	6924
3.676		8598	7013
3.711		4612	5582
3.737		3538	2656
3.772		15574	12605
3.802		14992	14148
3.836		2088	1601
3.858		10508	6350
3.9		15128	13120
3.927		88029	63530
3.965		34361	40077
4.003		6790	5235
4.034		2142	677
4.054		35377	23988
4.077		9790	6437
4.11		16878	10441
4.136		11808	7808
4.186		7561	6316
4.217		13808	13482
4.248		12873	8601
4.271		24982	16978
4.306		539350	466766
4.352		99322	81609
4.419		149196	130075
4.462		730514	690420
4.497		175067	143633
4.537		16185	11307
4.56		25009	16830
4.601		207755	199247
4.654		97566	64960
4.67		264419	204350
4.715		720243	624856
4.764		905851	1022339
4.801		217464	149577
4.841		2140283	1970170
4.886		48161	42548
4.927		357053	373098
4.962		24162	16556
4.989		457952	425953
5.04		2270316	2841678
5.093		430902	389796
5.132		940132	995128
5.174		31909	18209
5.211		215907	261098
5.245		2371093	2112304
5.267		84426	42905
5.287		52770	23911
5.311		1108287	1018566
5.353		758668	737084
5.447		331042	259568

RT A	Compound A	Height A	Area A
5.472		1285522	1122303
5.529		809905	722989
5.567		460679	460802
5.609		71091	77609
5.65		396706	392692
5.679		10262	5609
5.706		3426935	3365079
5.849		2370	1252
5.909		2137058	2000005
5.94		158163	104945
5.964		432906	470164
6.075		18719	15234
6.099		29738	23060
6.151		54276	43346
6.179		378517	351068
6.242		4009	2782
6.301		1904	762
6.332		735139	712214
6.376		48917	44202
6.532		129579	124643
6.619		1367	500
6.63		1212	268
6.679	DCB	90887	92521
6.793		1836	378
6.929		1653	836
7.047		1194	1293
7.062		1522	520
7.108		1738	1156
7.197		1539	599
7.24		1464	684
7.263		1595	727
7.476		1131	486
7.543		1417	497
7.714		2694	3529
7.744		1395	503
7.771		1348	452
7.9		1803	611
8.086		1657	610
8.172		1313	565
8.226		1176	487
8.366		1444	819
8.401		1313	620
8.429		1094	378
8.468		1828	460
8.496		1591	1411
8.58		1404	855
8.632		1484	677

LANCASTER LABORATORIES

Sample Number: 9202690 ACF DF50 AC-127E T 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 5:45:18 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: 07pcbs17250009B.0062.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

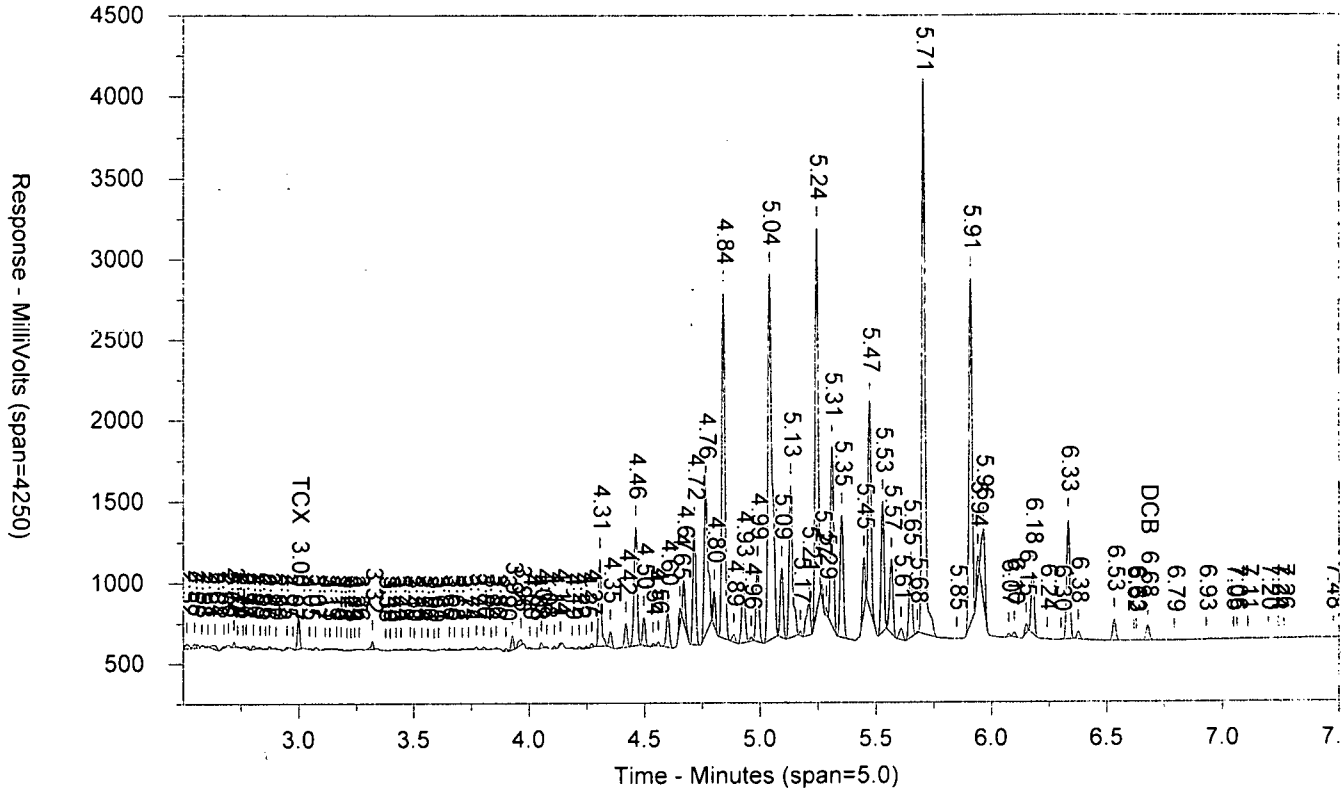
RT B	Compound B	Height B	Area A
1.526		9632	13049
1.568		5826	6274
1.615		8880	6082
1.683		8792	8710
1.71		7052	6126
1.747		12065	15941
1.773		11166	14266
1.805		11227	11988
1.831		9805	7855
1.887		12166	39362
1.913		17868	21855
1.938		14388	11248
1.958		17329	18163
1.993		39150	34612
2.041		17887	32963
2.061		5481	2277
2.082		11153	10445
2.104		13206	10692
2.137		15368	19898
2.202		8816	10334
2.224		5752	3280
2.246		7094	4865
2.266		9308	5294
2.327		5832	6154
2.346		10220	9124
2.4		46242	26812
2.447		4487	3054
2.467		2866	1278
2.479		3925	1925
2.497		4792	2990
2.524		6957	4045
2.574		11846	14120
2.601		4639	3706
2.631		1815	1464
2.651	TCX	219398	134908
2.712		4960	2030
2.74		6452	7224
2.766		2742	1768
2.797		4300	10223
2.846		4613	2913
2.869		6840	6227
2.907		2820	1425
2.947		57787	44608
3.009		2777	1330
3.043		4690	7769
3.074		3835	3122
3.107		3949	3680
3.144		6581	5589
3.173		2274	1845
3.215		5312	8717
3.266		10706	13413
3.302		12712	8819
3.346		1722	944
3.391		4107	3792

3.422		5675	2711
3.441		11654	6048
3.471		10929	9770
3.531		18408	16458
3.564		90357	52316
3.587		85885	48021
3.604		37903	17915
3.663		2471	1306
3.689		48073	32765
3.713		12088	6540
3.735		20931	18107
3.765		24839	13119
3.781		17678	11132
3.82		13493	10515
3.864		27795	23877
3.914		580944	404775
3.94		24155	12554
3.96		70745	39616
3.979		141869	90275
4.015		716956	512525
4.047		153696	95758
4.064		79446	42209
4.086		23479	13011
4.127		25564	21608
4.16		130696	133501
4.181		18686	10559
4.218		238333	166186
4.26		259458	170859
4.279		287199	149822
4.293		621141	345476
4.317		394788	393674
4.371		2259081	1741545
4.417		56063	68714
4.441		198123	127615
4.466		590707	444782
4.508		2707476	2107643
4.612		1942405	1927552
4.665		330008	279463
4.704		633789	551936
4.74		2765505	2315382
4.773		1276431	922149
4.812		957331	757213
4.883		5972	3177
4.911		249551	176808
4.929		38172	20203
4.963		1548792	1250219
4.987		268043	176526
5.038		921020	818258
5.073		461437	374523
5.103		329557	262509
5.135		79060	51051
5.157		3765302	3074391
5.198		74357	53037
5.23		110981	92242
5.27		5692	4201
5.349		31019	19269
5.372		608893	510089
5.417		2165216	2399048
5.572		40872	35453
5.618		61095	48375
5.641		16161	10239
5.664		8321	4850
5.69		360791	294995
5.798		703445	593819
5.829		37864	28935
5.998		130457	119561
6.157	DCB	109648	92952

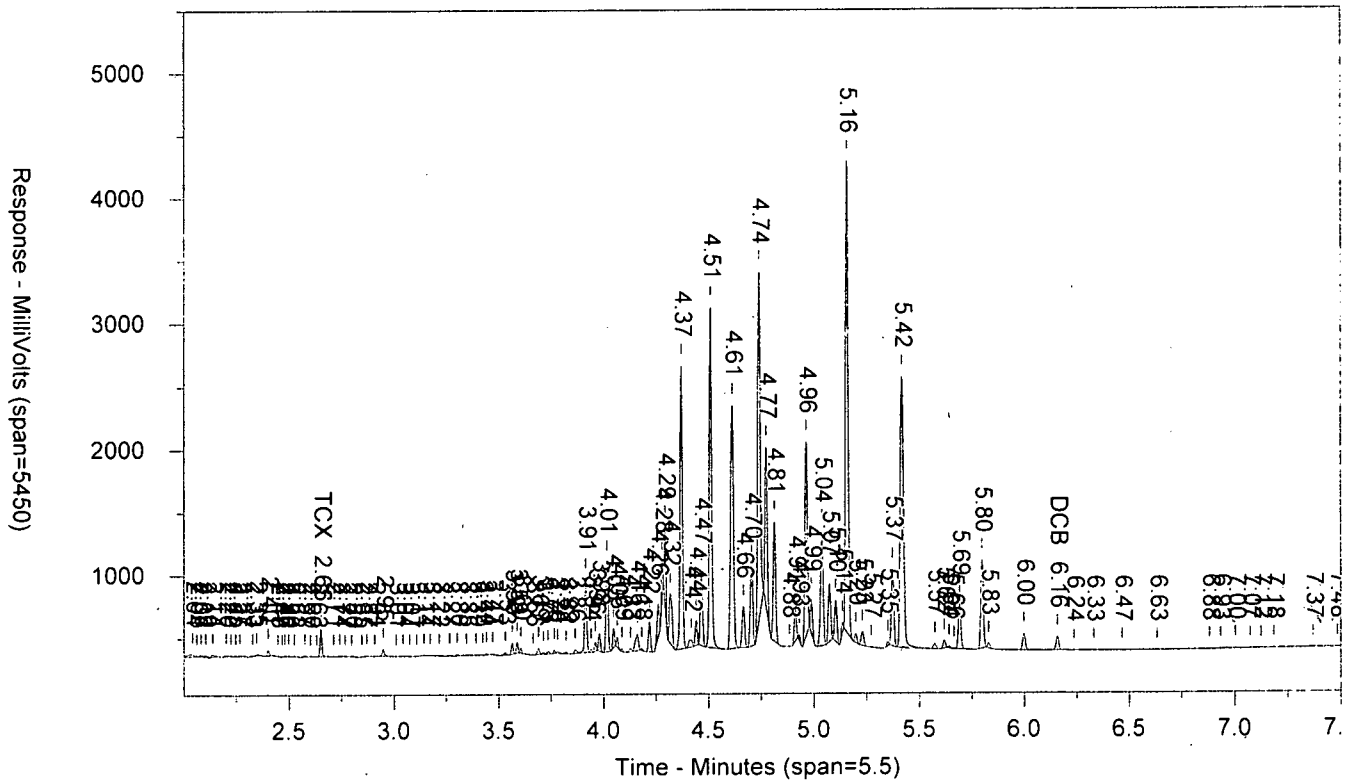
6.235	1380	1249
6.331	1772	1666
6.465	2110	2903
6.635	3031	5875
6.88	2651	4641
6.933	2515	2684
7.003	4395	5396
7.073	1413	843
7.124	2681	3552
7.184	2457	3084
7.369	3585	6509
7.483	2379	2919
7.525	3741	4391
7.905	3640	5893
8.293	8423	20021
8.437	3549	6243

9202690 ACF DF50 AC-127E T 172560040A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0062.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0062.RAW



LANCASTER LABORATORIES

Sample Number: 9202690 ACF DF50 AC-127E T 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 5:45:18 AM
Sample Weight: 10.02
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

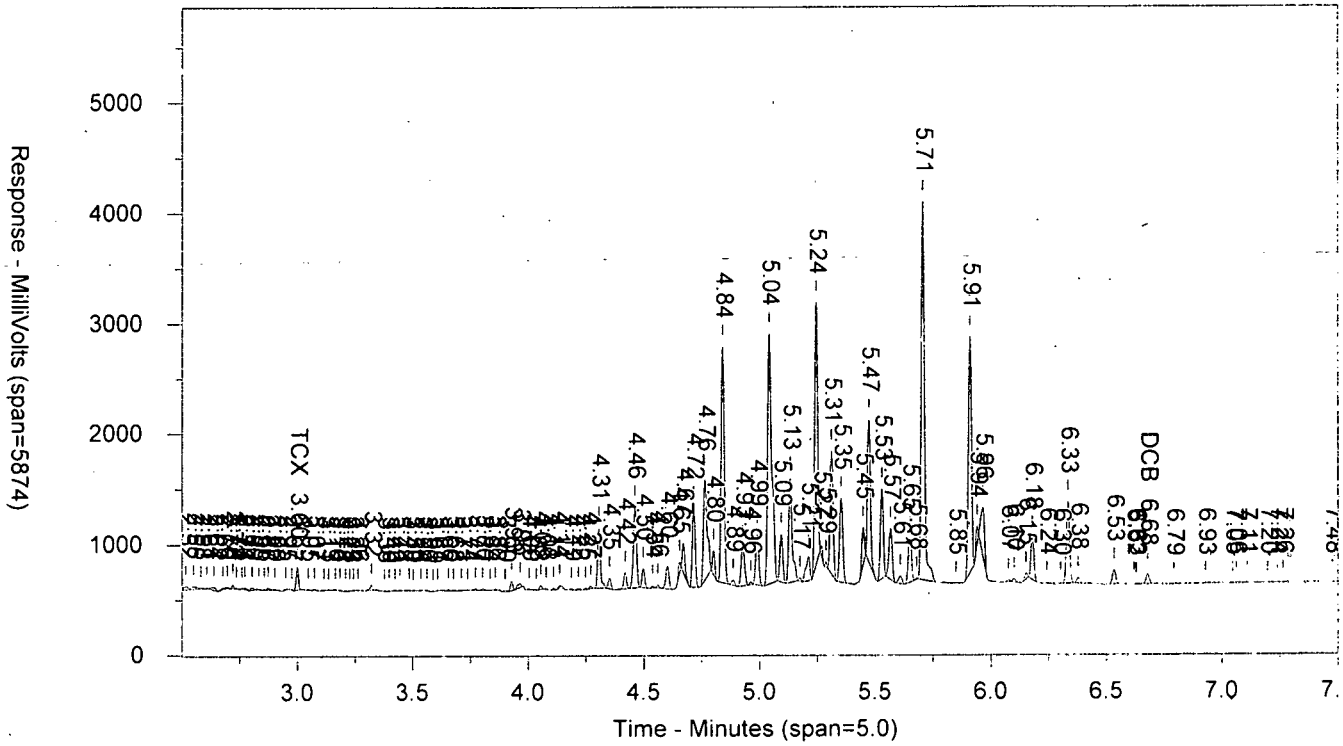
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	212400	28.002	TCX	2.651	219398	28.171	TCX
6.679	90887	33.6	DCB	6.157	109648	34.346	DCB

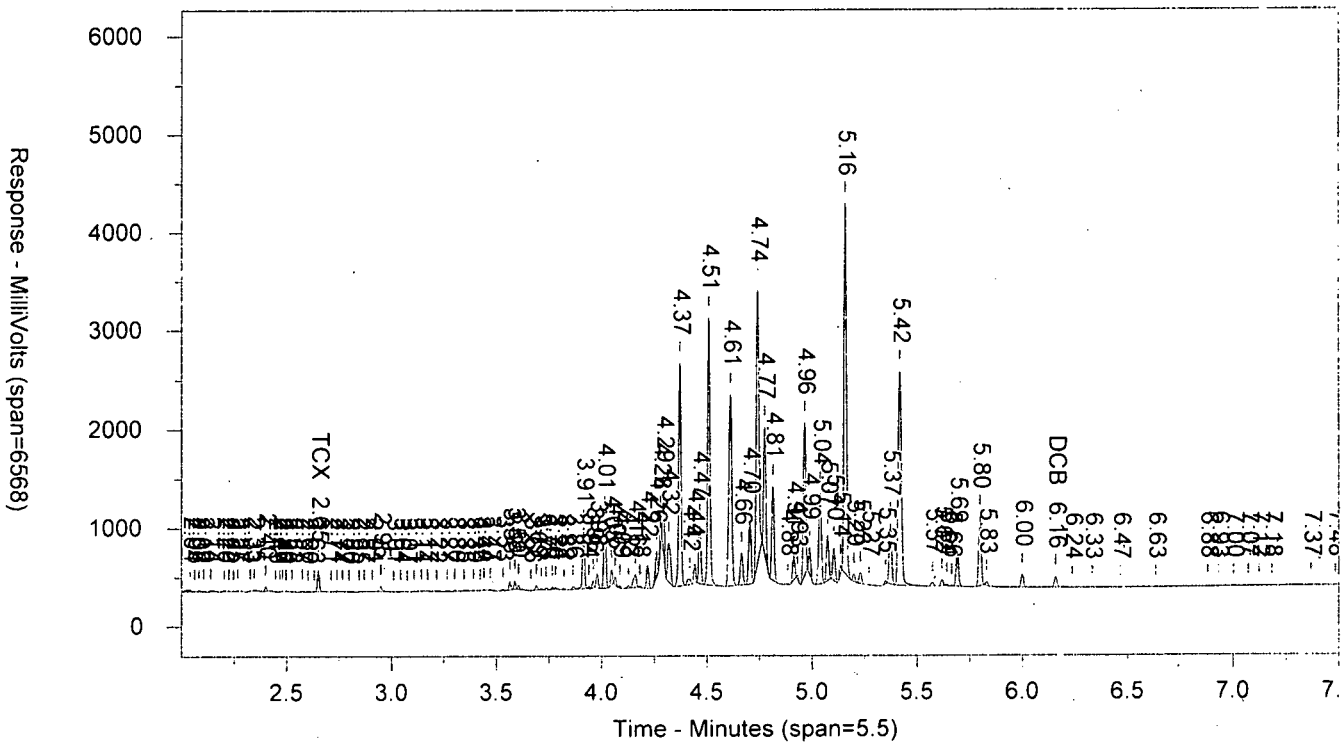
Files:
Area File: 07pcbs17250009.0062.RAW
Area File: 07pcbs17250009B.0062.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 5:54:03 AM
File Reported On: 9/19/2017 at 5:54:12 AM

9202690 ACF DF50 AC-127E T 172560040A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0062.RAW

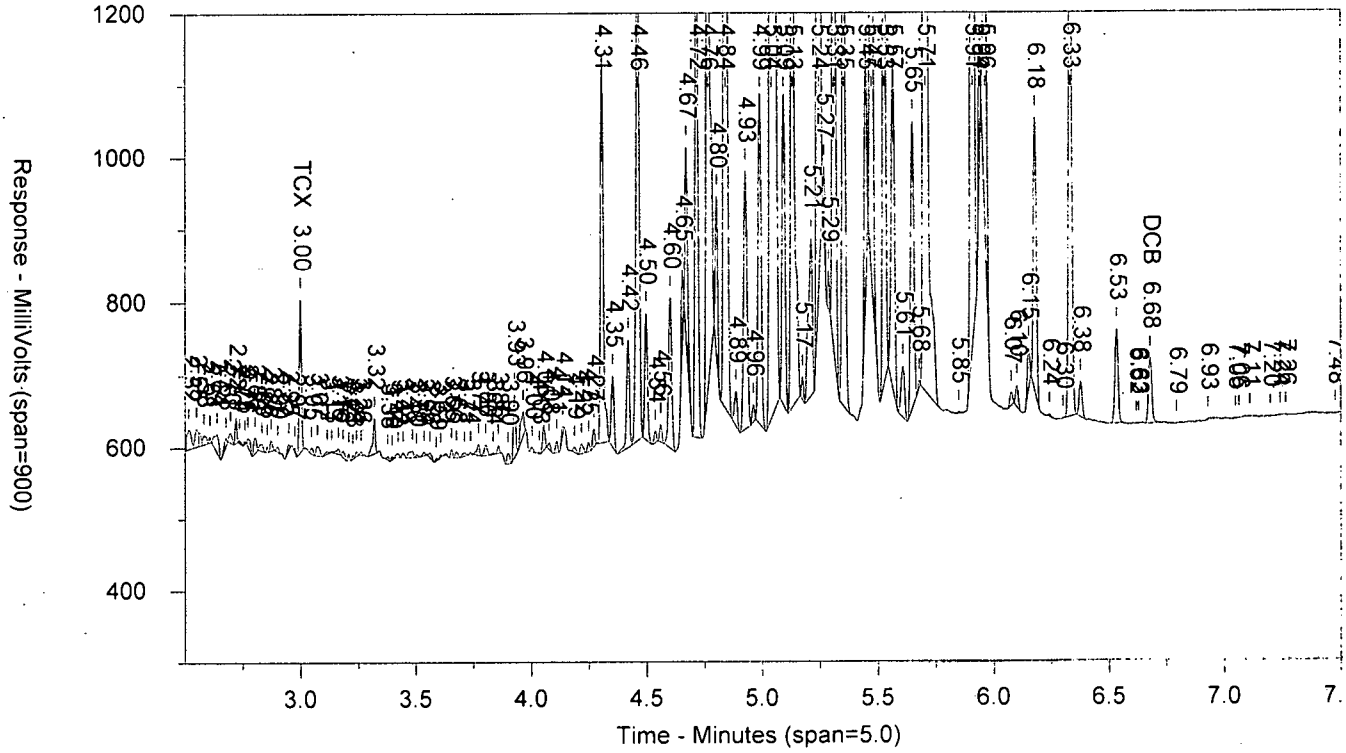


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0062.RAW

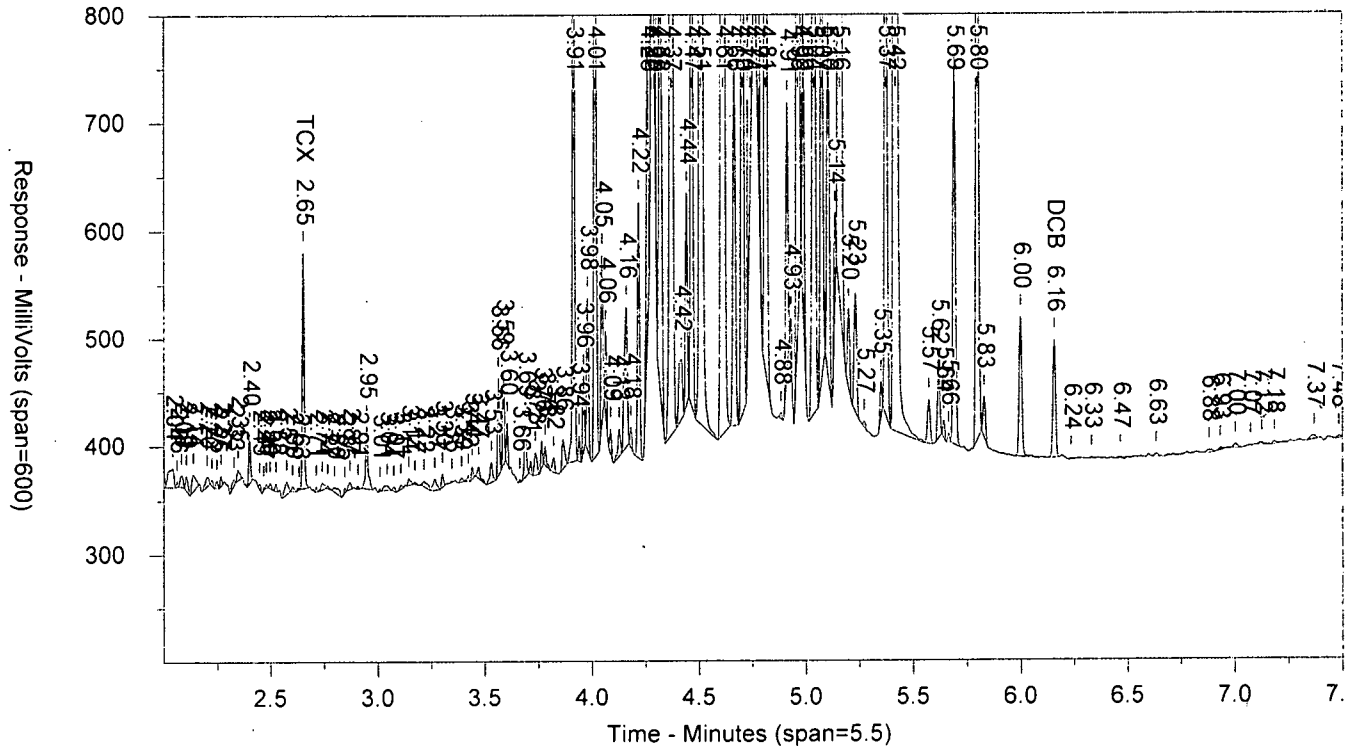


9202690 ACF DF50 AC-127E T 172560040A 10225 **SW-846 8082**

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0062.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0062.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202691 ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.45 g Total Volume: 1000 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:02:25
Instrument	19843A
Result file	07PCBS17250009.0032.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 96% (61 - 152) Conc: 28.09819
%SSR(DCB) 151% (48 - 164) Conc: 39.21523

Analysis Report (B)

Injected on	Sep 19, 2017 00:02:25
Instrument	19843B
Result file	07PCBS17250009B.0032.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 101% (61 - 152) Conc: 29.39538
%SSR(DCB) 139% (48 - 164) Conc: 35.98242

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	111138	28.09819	Tetrachloro-m-xylene	2.62	2.65	2.68	119378	29.39538
Decachlorobiphenyl	6.65	6.68	6.71	55314	39.21523	Decachlorobiphenyl	6.13	6.16	6.19	59901	35.98242

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	29.39538				4.51	
☑	Tetrachloro-m-xylene-D1	A	28.09819					
☑	Tetrachloro-m-xylene-D2	B	29.39538					
☐	Decachlorobiphenyl	A	39.21523				8.60	
☑	Decachlorobiphenyl-D1	A	39.21523					
☑	Decachlorobiphenyl-D2	B	35.98242					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak	Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.05**		**Aroclor-1260**						**6.97**	
4.82	4.84	4.86	2416766	15890.03236			1	4.35	4.37	4.39	2469166	15854.312726			1
5.02	5.04	5.06	2697412	18067.838013			2	4.49	4.51	4.53	3122917	17480.158423			2
5.23	5.24	5.27	2593057	18304.541214			3	4.60	4.61	4.64	2178993	15083.821335			3
5.45	5.47	5.49	1437182	17519.252946			4	4.72	4.74	4.76	2906972	16675.658204			4
5.69	5.70	5.73	3558484	17713.118348			5	5.14	5.16	5.18	4103376	18231.565131			5
5.89	5.91	5.93	2226819	16949.56004			6	5.40	5.42	5.44	2332822	17502.687428			6

Height summation: **14929720** Height summation: **17114246**
Concentration CF: **17407.390487** L: Concentration CF: **16804.700541** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<4880.3826	<947.3684	D1		4	
☑	PCB-1221			<4880.3826	<1464.1148	D1		3	
☑	PCB-1232			<4880.3826	<1177.0335	D1		4	
☑	PCB-1242			<4880.3826	<1177.0335	D1		4	
☑	PCB-1248			<4880.3826	<947.3684	D1		4	
☑	PCB-1254			<4880.3826	<1263.1578	~~D1~~ D2		4	
☑	PCB-1260	B	16804.700541	4880.3826	1119.6172	D2	3.52	4	

Units: ug/kg

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

Qu-047
9/21/17

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:11

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202691** ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.45 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:02:25
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0032.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 96% (61-152) Conc.: 28.09819
%SSR(DCB) : 151% (48-164) Conc.: 39.21523

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**114.90**	
3.23	3.24	3.27	5979.804	87.040763			1
3.45	3.48	3.49	12588.64	179.014923			2
3.56	3.59	3.60	7054.771	84.155327			3
3.74	3.77	3.78	42422.43	516.88133			4
3.78	3.81	3.82	51643.28	536.151659			5
3.91	3.93	3.95	94309.61	1596.197514			6
Height Summation:			**213998.535**				
Amount Avg CF:			**499.906919**	Linear:			
Aroclor-1221					**3**	**62.22**	
3.13	3.16	3.17	6839.305	215.013073			1
3.18	3.21	3.22	9095.96	312.620979			2
3.23	3.24	3.27	5979.804	67.476141			3
Height Summation:			**21915.069**				
Amount Avg CF:			**198.370064**	Linear:			
Aroclor-1232					**6**	**128.68**	
3.23	3.24	3.27	5979.804	74.191955			1
3.45	3.48	3.49	12588.64	374.036986			2
3.56	3.59	3.60	7054.771	174.934411			3
3.74	3.77	3.78	42422.43	1121.376739			4
3.78	3.81	3.82	51643.28	1093.910709			5
3.91	3.93	3.95	94309.61	3968.346576			6
Height Summation:			**213998.535**				
Amount Avg CF:			**1134.466229**	Linear:			
Aroclor-1242					**6**	**120.32**	
3.23	3.24	3.27	5979.804	65.006271			1
3.45	3.48	3.49	12588.64	136.128541			2
3.56	3.59	3.60	7054.771	64.000435			3
3.74	3.77	3.78	42422.43	349.270984			4
3.78	3.81	3.82	51643.28	387.605318			5
3.91	3.93	3.95	94309.61	1254.088791			6
Height Summation:			**213998.535**				
Amount Avg CF:			**376.016723**	Linear:			
Aroclor-1248					**6**	**155.83**	
3.78	3.81	3.82	51643.28	1087.61946			1
3.84	3.86	3.88	17055.24	337.649218			2
3.91	3.93	3.95	94309.61	1121.316534			3
4.03	4.05	4.07	30093.56	316.872145			4
4.12	4.15	4.16	50040.07	608.579884			5
4.30	4.31	4.34	688487.1	7839.097687			6
Height Summation:			**931628.86**				
Amount Avg CF:			**1885.189155**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:02:25
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0032.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 101% (61-152) Conc.: 29.39538
%SSR(DCB) : 139% (48-164) Conc.: 35.98242

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**111.40**	
2.92	2.95	2.96	48983.39	696.943942			1
3.12	3.14	3.16	4677.204	52.326086			2
3.25	3.26	3.29	20714.53	234.455727			3
+ 3.40	3.42	3.44	21555.94	227.642365			4
+* 3.44	3.44	3.48	41208.82	463.343131			5
* 3.40	3.44	3.44	41208.82	435.187388			4
3.44	3.47	3.48	56259.09	632.565138			5
+ 3.57	3.59	3.61	139290.8	1901.42097			6
3.57	3.60	3.61	168332.6	2297.862713			6
Height Summation:			**340175.634**				
Amount Avg CF:			**724.890166**	Linear:			
Aroclor-1221					**2**	**52.80**	
2.86	2.87	2.90	5685.543	236.771814			2
2.92	2.95	2.96	48983.39	518.945217			3
Height Summation:			**54668.933**				
Amount Avg CF:			**377.858516**	Linear:			
Aroclor-1232					**6**	**135.77**	
2.92	2.95	2.96	48983.39	569.664991			1
3.12	3.14	3.16	4677.204	103.639334			2
3.25	3.26	3.29	20714.53	474.563598			3
+ 3.40	3.42	3.44	21555.94	494.66655			4
+* 3.44	3.44	3.48	41208.82	928.627818			5
* 3.40	3.44	3.44	41208.82	945.661605			4
3.44	3.47	3.48	56259.09	1267.780926			5
+ 3.57	3.59	3.61	139290.8	4522.49057			6
3.57	3.60	3.61	168332.6	5465.419081			6
Height Summation:			**340175.634**				
Amount Avg CF:			**1471.121589**	Linear:			
Aroclor-1242					**6**	**116.07**	
2.92	2.95	2.96	48983.39	503.982021			1
3.12	3.14	3.16	4677.204	59.257974			2
3.25	3.26	3.29	20714.53	179.370056			3
+ 3.40	3.42	3.44	21555.94	156.775891			4
+* 3.44	3.44	3.48	41208.82	334.757597			5
* 3.40	3.44	3.44	41208.82	299.710867			4
3.44	3.47	3.48	56259.09	457.017642			5
+ 3.57	3.59	3.61	139290.8	1504.205707			6
3.57	3.60	3.61	168332.6	1817.829014			6
Height Summation:			**340175.634**				
Amount Avg CF:			**552.861262**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202691** ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.45 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:02:25
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0032.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	97.01	
4.29	4.31	4.32	688487.1	7270.042535			1
+ 4.63	4.65	4.67	103366.6	1029.190055			2
4.63	4.67	4.67	329830.7	3284.024783			2
4.69	4.72	4.73	708755.2	3335.684459			3
4.91	4.93	4.95	404530.3	3114.524054			4
5.11	5.13	5.15	1046850	14086.348004			5
5.23	5.24	5.27	2593057	26561.01443			6
Height Summation:			**5771510.3**				
Amount Avg CF:			**9608.606377**	Linear:			
Aroclor-1260					6	5.05	
4.82	4.84	4.86	2416766	15890.03236			1
5.02	5.04	5.06	2697412	18067.838013			2
5.23	5.24	5.27	2593057	18304.541214			3
5.45	5.47	5.49	1437182	17519.252946			4
5.69	5.70	5.73	3558484	17713.118348			5
5.89	5.91	5.93	2226819	16949.56004			6
Height Summation:			**14929720**				
Amount Avg CF:			**17407.390487**	Linear:			
Aroclor-1262					6	31.95	
5.29	5.31	5.33	1245119	10230.348961			1
5.45	5.47	5.49	1437182	13283.030741			2
5.69	5.70	5.73	3558484	14989.069433			3
5.89	5.91	5.93	2226819	13742.654669			4
5.95	5.96	5.99	408045.2	5004.800354			5
6.31	6.33	6.35	764570.4	10458.221112			6
Height Summation:			**9640219.6**				
Amount Avg CF:			**11284.687545**	Linear:			
Aroclor-1268					6	97.50	
5.89	5.91	5.93	2226819	7660.810627			1
5.95	5.96	5.99	408045.2	1623.383117			2
6.08	6.10	6.12	31327.78	129.87324			3
+ 6.14	6.15	6.18	63284.49	999.249147			4
6.14	6.18	6.18	407849.4	6439.858569			4
6.31	6.33	6.35	764570.4	10285.626822			5
6.51	6.53	6.55	143192.8	292.674652			6
Height Summation:			**3981804.58**				
Amount Avg CF:			**4405.371171**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:02:25
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0032.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	127.86	
+ 3.44	3.44	3.48	41208.82	1011.65492			1
3.44	3.47	3.48	56259.09	1381.131155			1
3.51	3.53	3.55	18935.9	339.105708			2
3.55	3.56	3.59	95720.59	995.451348			3
3.67	3.69	3.71	38540.37	333.354148			4
+ 3.76	3.77	3.80	15424.79	192.945473			5
3.76	3.78	3.80	34438.68	430.786247			5
3.90	3.91	3.94	760473.6	5000.756777			6
Height Summation:			**1004368.23**				
Amount Avg CF:			**1413.430897**	Linear:			
Aroclor-1254					6	111.21	
4.20	4.22	4.24	242211.9	2008.398599			1
+ 4.26	4.26	4.30	304223.6	1426.684091			2
+ 4.26	4.28	4.30	245839.2	1152.885166			2
4.26	4.29	4.30	785339.5	3682.920624			2
4.35	4.37	4.39	2469166	24651.728038			3
4.42	4.44	4.46	225440.9	1711.643573			4
4.64	4.67	4.68	310875.1	3352.553489			5
4.72	4.74	4.76	2906972	19786.140534			6
Height Summation:			**6940005.4**				
Amount Avg CF:			**9198.897476**	Linear:			
Aroclor-1260					6	6.97	
4.35	4.37	4.39	2469166	15854.312726			1
4.49	4.51	4.53	3122917	17480.158423			2
4.60	4.61	4.64	2178993	15083.821335			3
4.72	4.74	4.76	2906972	16675.658204			4
5.14	5.16	5.18	4103376	18231.565131			5
5.40	5.42	5.44	2332822	17502.587428			6
Height Summation:			**17114246**				
Amount Avg CF:			**16804.700541**	Linear:			
Aroclor-1262					6	29.11	
4.76	4.77	4.80	1404805	8241.656289			1
4.95	4.96	4.99	1709824	10779.501638			2
5.14	5.16	5.18	4103376	14020.430076			3
5.36	5.37	5.40	641715.6	6062.334848			4
5.40	5.42	5.44	2332822	13065.016058			5
5.78	5.80	5.82	721060.9	9435.641664			6
Height Summation:			**10913603.5**				
Amount Avg CF:			**10267.430095**	Linear:			
Aroclor-1268					6	123.85	
5.36	5.37	5.40	641715.6	2115.934621			1
5.40	5.42	5.44	2332822	8022.562948			2
5.56	5.57	5.60	31343.17	128.927093			3
5.62	5.64	5.66	18368.47	310.382724			4
+ 5.62	5.66	5.66	3335.607	56.363692			4
5.78	5.80	5.82	721060.9	8651.882347			5
5.98	6.00	6.02	134748.2	234.93584			6
Height Summation:			**3880058.34**				
Amount Avg CF:			**3244.104262**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202691 ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.45 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 19, 2017 00:02:25
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0032.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 19, 2017 00:02:25
Instrument	: CP 7--19843B
Result file	: 07PCBS17250009B.0032.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			4880.3831	947.3685		36.74	4	40	
Aroclor-1221			4880.3831	1464.1149		** 62.30	3	40	
Aroclor-1232			4880.3831	1177.0336		25.84	4	40	
Aroclor-1242			4880.3831	1177.0336		38.08	4	40	
Aroclor-1248			4880.3831	947.3685		28.60	4	40	
Aroclor-1254			4880.3831	1263.158		4.36	4	40	
Aroclor-1260			4880.3831	1119.6173		3.52	4	40	
Aroclor-1262			4880.3831	947.3685		9.44	4	40	
Aroclor-1268			4880.3831	947.3685		30.36	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:02:25 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 10c/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: 07pcbs17250009.0032.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.503		3161	794
1.537		2925	2243
1.58		3534	5400
1.641		74469	88686
1.701		27052	42025
1.746		24844	26265
1.792		24503	46543
1.814		21691	34754
1.875		13834	10667
1.894		18372	16100
1.92		14553	15255
1.943		13190	15705
1.985		14857	11398
2.004		16475	14904
2.027		10146	7610
2.051		16338	12478
2.069		24690	21814
2.091		14114	9695
2.113		36628	42008
2.142		22025	25746
2.174		27353	32396
2.195		15471	13164
2.214		18163	21296
2.24		8059	6418
2.268		30281	18068
2.288		8026	4126
2.323		8827	4918
2.344		21073	29676
2.38		26960	20798
2.412		15273	10015
2.446		34247	41443
2.497		19412	23755
2.515		21762	25798
2.548		20423	28933
2.585		11565	12113
2.605		8296	3936
2.627		4378	3718
2.675		8743	7979
2.695		12389	12699
2.72		31254	16262
2.759		4547	2438
2.774		10869	10355
2.805		16713	15113
2.824		3373	1827
2.856		7323	3033
2.873		14601	11082
2.9		6778	4949
2.952		12328	16275
2.976		7533	2783
2.999	TCX	111138	72629
3.047		8654	7694
3.073		12191	13939
3.115		3269	3026

RT A	Compound A	Height A	Area A
3.164		6839	3982
3.182		8244	7026
3.207		9096	4639
3.226		4508	2307
3.242		5980	4096
3.319		42030	35923
3.378		5444	2620
3.398		4132	2592
3.418		6863	5926
3.445		5672	4039
3.483		12589	16271
3.503		3142	1130
3.532		4017	3307
3.585		7055	4100
3.618		3075	4404
3.654		11738	7482
3.678		7969	6470
3.709		5179	4686
3.771		42422	47505
3.807		51643	40907
3.859		17055	20799
3.9		16773	14685
3.928		94310	66367
3.955		80213	55692
3.978		121771	76632
4.002		4849	2992
4.054		30094	20145
4.079		11953	7688
4.11		29248	19637
4.146		50040	59123
4.19		17954	14222
4.219		18635	17855
4.249		12309	8573
4.271		28029	19262
4.307		688487	586886
4.352		136021	113040
4.419		188929	164768
4.462		965891	863253
4.497		180791	146714
4.538		27650	19586
4.56		14723	9916
4.602		159459	153299
4.654		103367	65159
4.671		329831	235037
4.716		708755	614247
4.764		1079503	1177551
4.802		236969	160318
4.841		2416766	2171793
4.887		41718	37797
4.928		404530	409057
4.961		23513	15670
4.989		473467	444763
5.041		2697413	3227909
5.093		479309	437846
5.132		1046850	1131702
5.174		17956	9652
5.211		213964	263111
5.245		2593057	2281328
5.267		114317	53489
5.287		36871	15906
5.31		1245119	1113346
5.353		799997	782111
5.447		327973	254834
5.471		1437182	1204321
5.528		875967	765386
5.566		509973	493802

RT A	Compound A	Height A	Area A
5.608		81364	83398
5.648		486601	483500
5.705		3558484	3640929
5.795		1463	1071
5.812		2464	1277
5.909		2226819	2058152
5.94		150210	103087
5.963		408045	466265
6.05		1679	932
6.076		6149	4483
6.099		31328	25898
6.151		63284	48252
6.179		407849	369849
6.332		764570	773787
6.377		55134	50069
6.411		1895	1412
6.532		143193	133781
6.615		1825	361
6.68	DCB	55314	53993
6.741		4029	3207
6.798		1007	535
6.857		2266	1403
6.887		2416	2391
6.929		9680	11210
6.982		1002	640
7.005		1185	252
7.036		1422	551
7.07		1262	679
7.105		1418	1829
7.238		1359	305
7.305		1307	669
7.35		1448	925
7.381		1282	617
7.44		1669	687
7.463		2116	1995
7.495		1438	497
7.589		2253	677
7.823		1214	311
7.886		1805	536
7.924		2125	791
8.184		1422	765
8.229		1429	580
8.252		1710	457
8.508		2254	1299

LANCASTER LABORATORIES

Sample Number: 9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:02:25 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: 07pcbs17250009B.0032.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

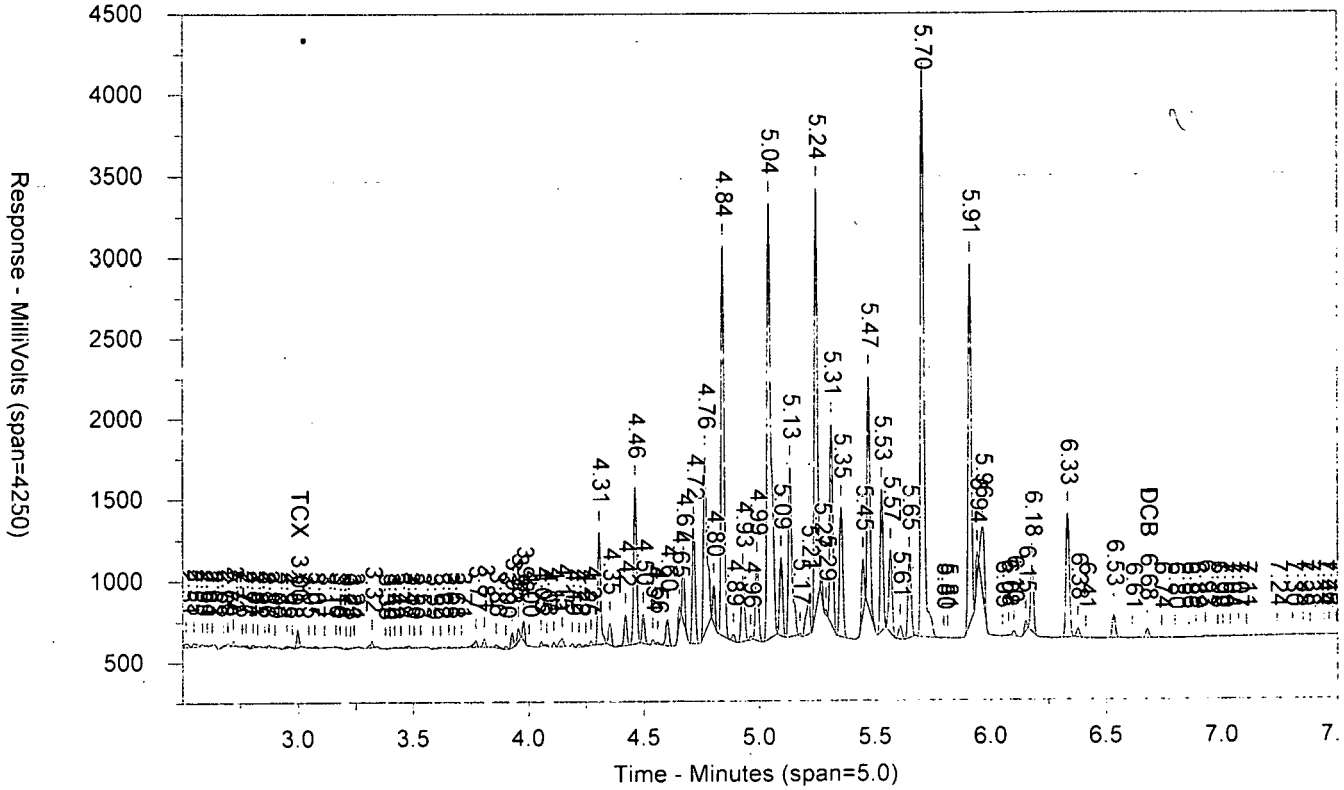
RT B	Compound B	Height B	Area A
1.527		8356	9664
1.616		11609	8948
1.643		5506	7324
1.686		8997	12835
1.712		6951	5857
1.751		11051	18383
1.771		10618	11300
1.806		7005	6229
1.832		17660	14369
1.865		3814	3672
1.915		8201	8466
1.939		9986	7233
1.965		9596	8606
1.994		30899	21939
2.021		4298	2597
2.061		4229	1864
2.083		8719	7850
2.105		10890	9190
2.137		12529	15363
2.203		8593	9372
2.225		6112	3319
2.248		5706	3836
2.267		10728	6087
2.327		7713	7937
2.356		13394	21148
2.401		47017	45601
2.466		2768	986
2.479		3742	2102
2.498		5482	3069
2.524		5907	3836
2.574		10941	12651
2.601		4209	3842
2.63		2681	1715
2.651	TCX	119378	73548
2.712		5251	2231
2.74		7868	10404
2.766		3170	1679
2.847		5261	2981
2.869		5686	6914
2.906		3873	1933
2.948		48983	44334
2.988		4144	2581
3.01		2791	1178
3.043		4629	7461
3.071		3186	3135
3.108		3884	3061
3.143		4677	2449
3.231		3900	3063
3.264		20715	22055
3.302		13573	13669
3.349		3834	2268
3.393		3601	2729
3.422		21556	15487
3.441		11209	24144

3.471		56259	34212
3.53		18936	17658
3.564		95721	55163
3.587		139291	76114
3.605		168333	91893
3.69		38540	26826
3.713		14116	7766
3.735		38479	35755
3.766		15425	7698
3.781		34439	22210
3.82		18396	12800
3.864		28902	23687
3.914		760474	514482
3.94		35877	18617
3.96		97659	55283
3.98		183123	114867
4.015		986703	691218
4.047		169070	102550
4.064		55083	27854
4.087		38944	24205
4.128		21315	21640
4.16		97960	100671
4.181		24783	14026
4.218		242212	169331
4.26		304224	191047
4.279		245839	127798
4.292		785340	433238
4.317		424409	437994
4.371		2469166	1901507
4.417		51839	59411
4.44		225441	149041
4.465		611768	456187
4.508		3122917	2391690
4.612		2178993	2080920
4.665		310875	264005
4.704		668431	560471
4.74		2906973	2440147
4.773		1404805	985873
4.812		1018034	803752
4.882		4885	2836
4.911		271711	193328
4.928		36912	18920
4.963		1709824	1333820
4.987		222910	144969
5.037		961419	852196
5.073		501949	390303
5.102		340608	274794
5.134		130454	75803
5.157		4103376	3246369
5.198		83969	63720
5.23		118471	95877
5.347		37552	23685
5.372		641716	533230
5.416		2332822	2475429
5.572		31343	27257
5.616		69624	52854
5.64		18368	11548
5.663		3336	1342
5.689		377485	321734
5.796		721061	627709
5.828		42276	31464
5.997		134748	117386
6.156	DCB	59901	51887
6.332		3192	2778
6.465		1368	1022
6.598		15165	12380
7.115		1291	3594

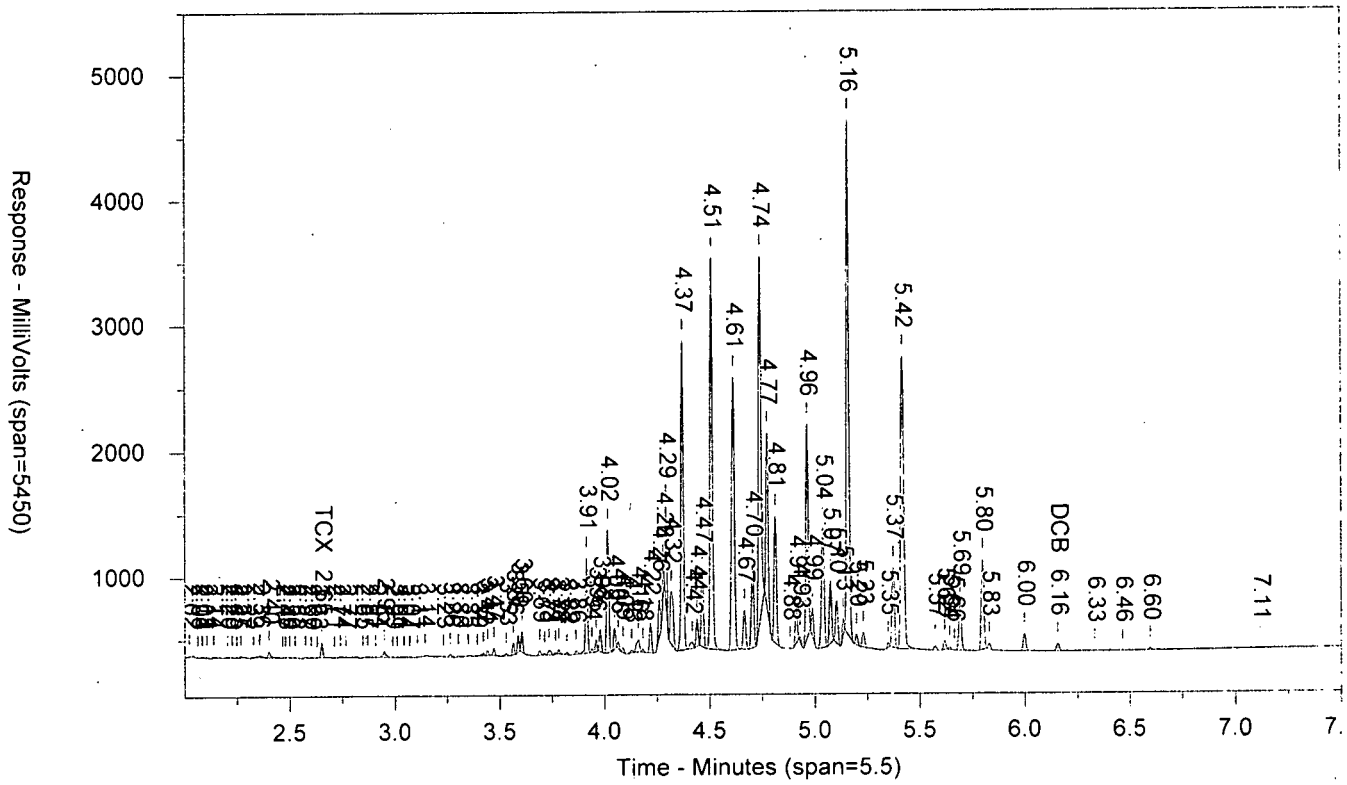
8.2	2231	3019
8.294	8532	14253

9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0032.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0032.RAW



LANCASTER LABORATORIES

Sample Number: 9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:02:25 AM
Sample Weight: 10.45
Instrument ID: CP7-19843A
Dilution Factor: 1000
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

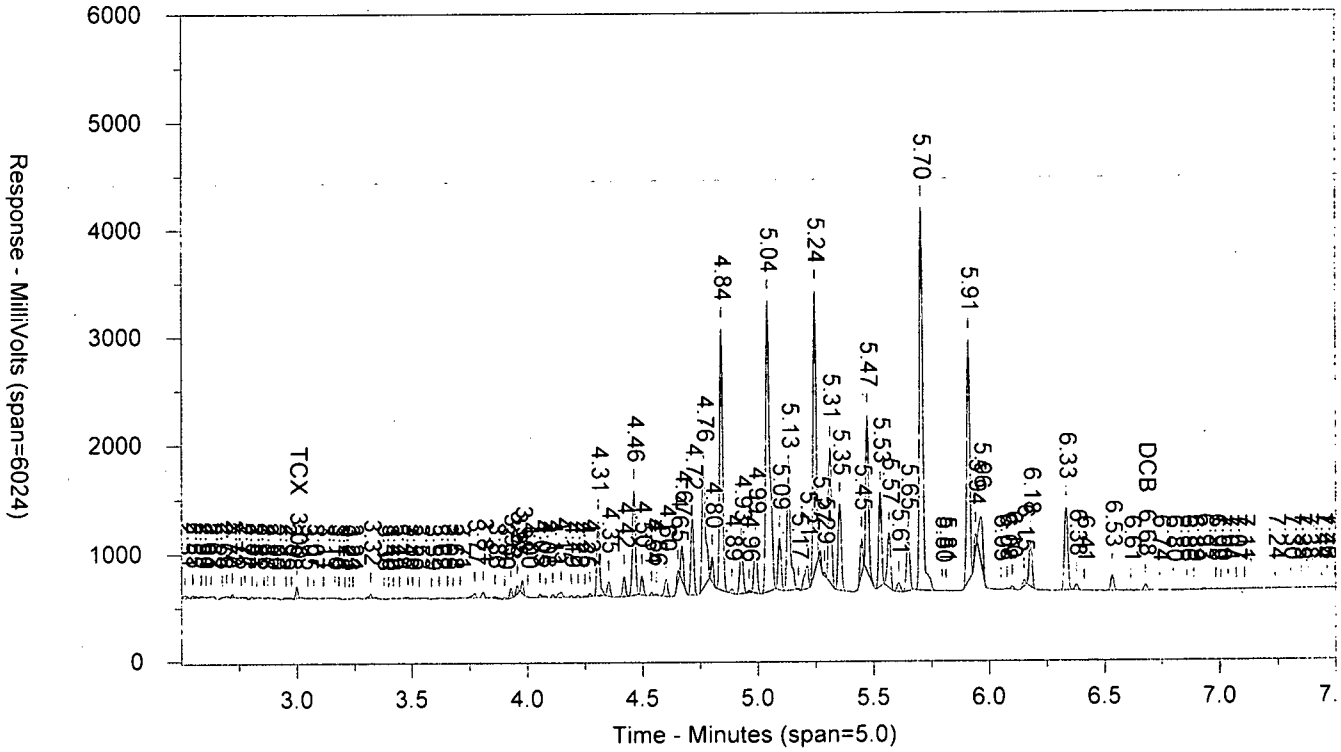
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	111138	28.098	TCX	2.651	119378	29.395	TCX
6.68	55314	39.215	DCB	6.156	59901	35.982	DCB

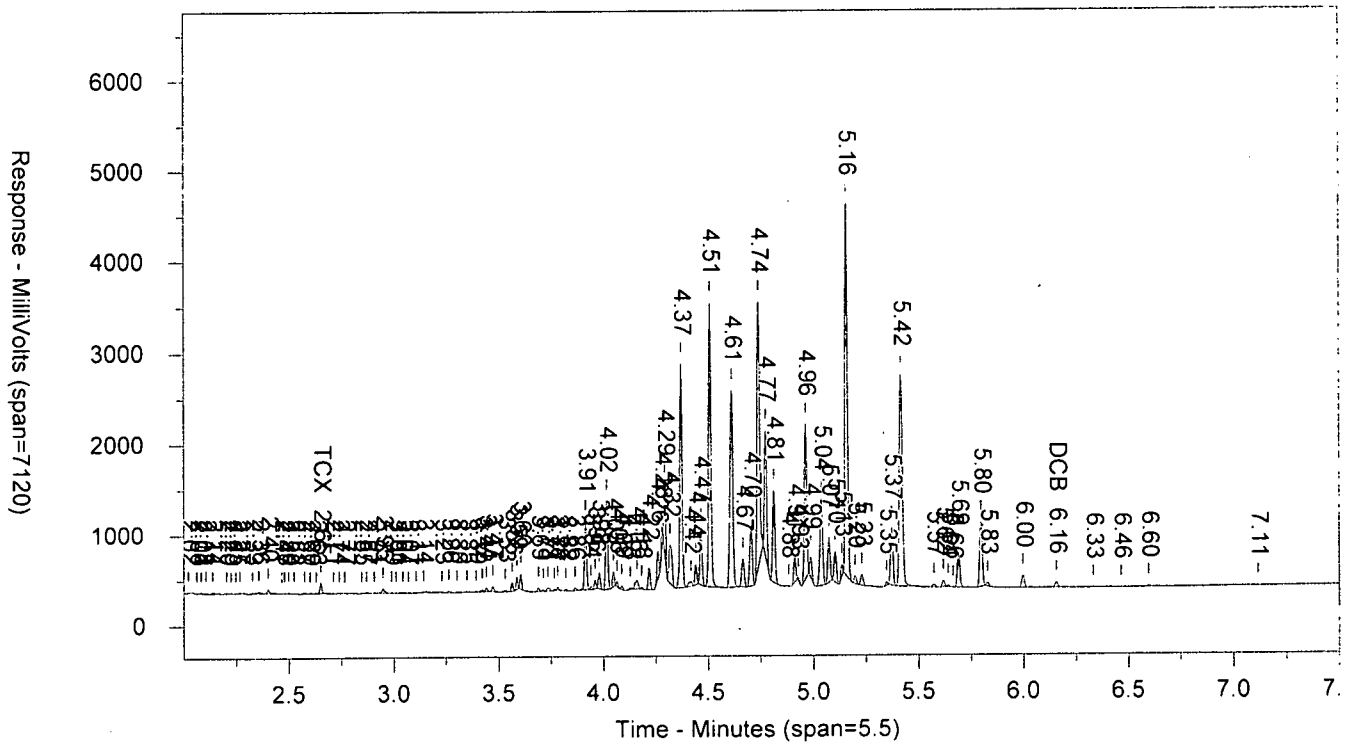
Files:
Area File: 07pcbs17250009.0032.RAW
Area File: 07pcbs17250009B.0032.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 12:11:08 AM
File Reported On: 9/19/2017 at 12:11:18 AM

9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0032.RAW

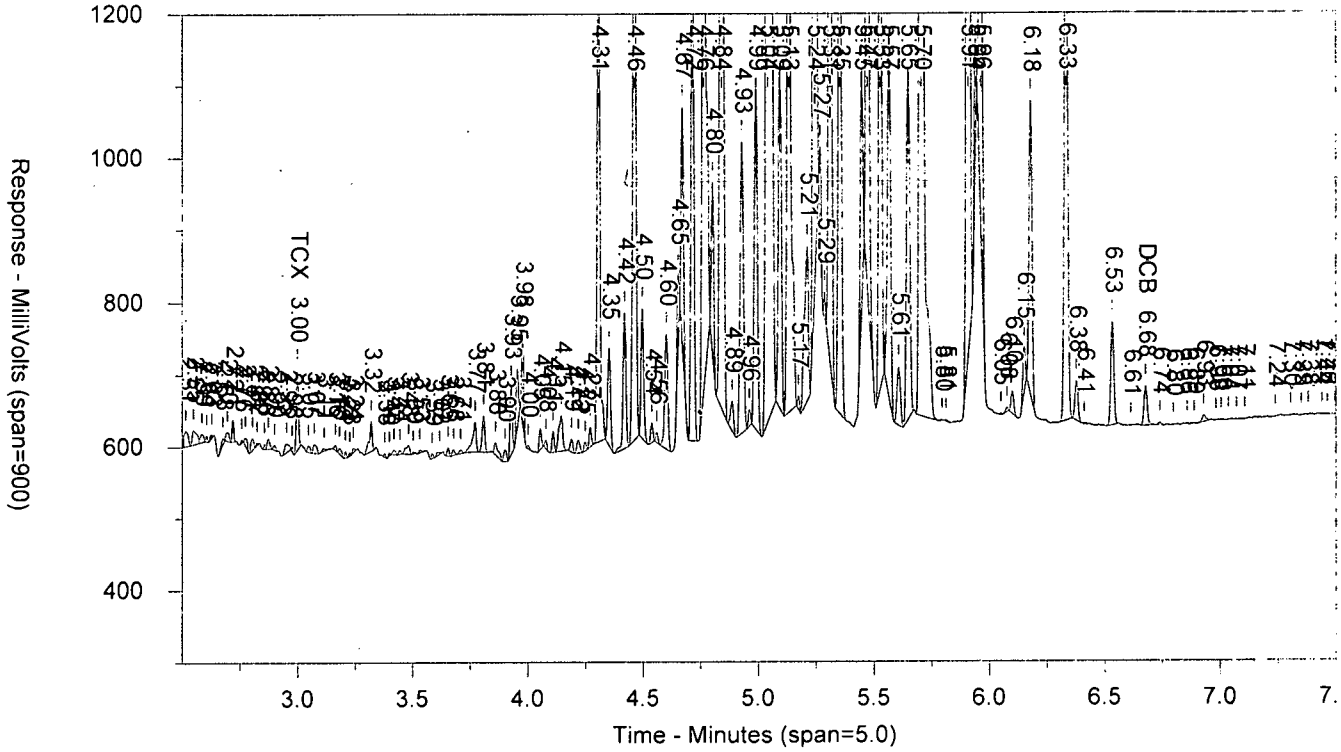


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0032.RAW

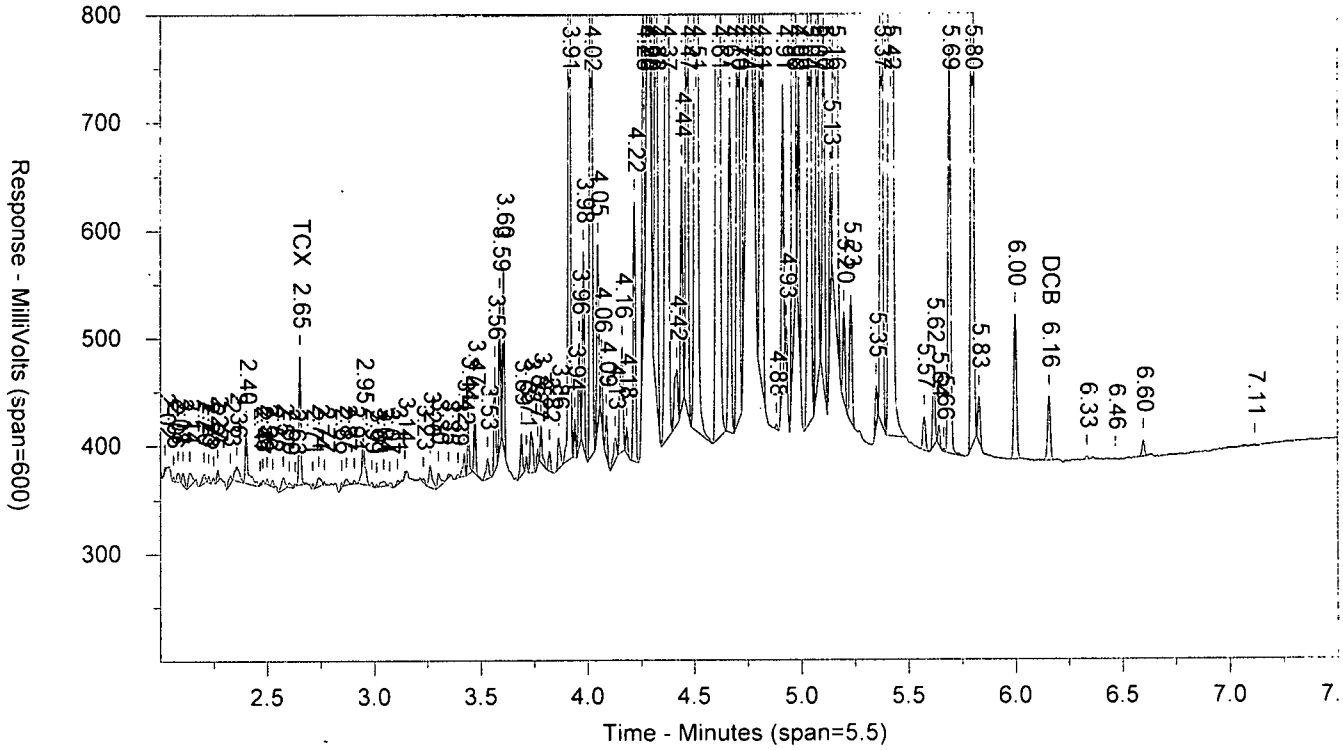


9202691 ACF DF100 AC-128W T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0032.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0032.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202694 ACF DF100 DUP16 Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 1000 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:36:41
Instrument	19843A
Result file	07PCBS17250009.0035.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 92% (61 - 152) Conc: 27.16999
%SSR(DCB) 148% (48 - 164) Conc: 38.78486

Analysis Report (B)

Injected on	Sep 19, 2017 00:36:41
Instrument	19843B
Result file	07PCBS17250009B.0035.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 99% (61 - 152) Conc: 29.19
%SSR(DCB) 136% (48 - 164) Conc: 35.60547

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	106644	27.16999
Decachlorobiphenyl	6.65	6.68	6.71	54288	38.78486

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	117636	29.19
Decachlorobiphenyl	6.13	6.15	6.19	58820	35.60547

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	29.19				7.17	
☑	Tetrachloro-m-xylene-D1	A	27.16999					
☑	Tetrachloro-m-xylene-D2	B	29.19					
☐	Decachlorobiphenyl	A	38.78486				8.55	
☑	Decachlorobiphenyl-D1	A	38.78486					
☑	Decachlorobiphenyl-D2	B	35.60547					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.57**	
4.82	4.84	4.86	2675564	17727.318887			1
5.02	5.04	5.06	2941265	19853.203403			2
5.23	5.24	5.27	2795245	19884.020311			3
5.45	5.47	5.49	1468784	18042.60664			4
5.69	5.70	5.73	3919498	19660.65526			5
5.89	5.91	5.93	2335856	17916.662447			6

Height summation: **16136212**
Concentration CF: **18847.411158** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.88**	
4.35	4.37	4.39	2756238	17834.107587			1
4.49	4.51	4.53	3412913	19250.750892			2
4.60	4.61	4.64	2405840	16782.622269			3
4.72	4.74	4.76	3182730	18398.375067			4
5.14	5.16	5.18	4406461	19729.228558			5
5.40	5.42	5.44	2536323	19176.318255			6

Height summation: **18700505**
Concentration CF: **18528.567105** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<4918.0329	<954.677	D1		4	
☑	PCB-1221			<4918.0329	<1475.4099	D1		3	
☑	PCB-1232			<4918.0329	<1186.1138	D1		4	
☑	PCB-1242			<4918.0329	<1186.1138	D1		4	
☑	PCB-1248			<4918.0329	<954.677	D1		4	
☑	PCB-1254			<4918.0329	<1272.9026	~~D1~~ D2		4	
☑	PCB-1260	B	18528.567105	4918.0329	1128.2546	D2	1.71	4	

Units: ug/kg

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

KBTurner 9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:16

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202694** ACF DF100 DUP16 Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:36:41
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0035.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 92% (61-152) Conc.: 27.16999
%SSR(DCB) : 148% (48-164) Conc.: 38.78486

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**127.13**	
3.23	3.24	3.27	6581.616	96.539671			1
+ 3.45	3.47	3.49	6026.202	86.355826			2
3.45	3.48	3.49	8720.26	124.961834			2
3.56	3.58	3.60	8697.686	104.553831			3
3.74	3.77	3.78	40363.39	495.587646			4
3.78	3.81	3.82	46686.27	488.427995			5
3.91	3.93	3.95	106695.1	1819.754031			6
Height Summation:			**217744.322**				
Amount Avg CF:			**521.637501**	Linear:			
Aroclor-1221					**3**	**62.54**	
3.13	3.16	3.17	10054.25	318.522494			1
3.18	3.21	3.22	10941.36	378.946952			2
3.23	3.24	3.27	6581.616	74.839928			3
Height Summation:			**27577.226**				
Amount Avg CF:			**257.436458**	Linear:			
Aroclor-1232					**6**	**141.30**	
3.23	3.24	3.27	6581.616	82.28865			1
+ 3.45	3.47	3.49	6026.202	180.433409			2
3.45	3.48	3.49	8720.26	261.097494			2
3.56	3.58	3.60	8697.686	217.336958			3
3.74	3.77	3.78	40363.39	1075.179981			4
3.78	3.81	3.82	46686.27	996.540074			5
3.91	3.93	3.95	106695.1	4524.136026			6
Height Summation:			**217744.322**				
Amount Avg CF:			**1192.763197**	Linear:			
Aroclor-1242					**6**	**132.83**	
3.23	3.24	3.27	6581.616	72.100517			1
+ 3.45	3.47	3.49	6026.202	65.667668			2
3.45	3.48	3.49	8720.26	95.024883			2
3.56	3.58	3.60	8697.686	79.513571			3
3.74	3.77	3.78	40363.39	334.882254			4
3.78	3.81	3.82	46686.27	353.103986			5
3.91	3.93	3.95	106695.1	1429.731041			6
Height Summation:			**217744.322**				
Amount Avg CF:			**394.059375**	Linear:			
Aroclor-1248					**6**	**158.70**	
3.78	3.81	3.82	46686.27	990.808819			1
+ 3.84	3.84	3.88	1662.031	33.157713			2
3.84	3.86	3.88	20312.74	405.24154			2
3.91	3.93	3.95	106695.1	1278.363276			3
4.03	4.05	4.07	31393.88	333.114107			4
4.12	4.14	4.16	47835.49	586.256196			5
4.30	4.31	4.34	741908	8512.514353			6
Height Summation:			**994831.48**				
Amount Avg CF:			**2017.716382**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:36:41
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0035.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 99% (61-152) Conc.: 29.19
%SSR(DCB) : 136% (48-164) Conc.: 35.60547

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**100.80**	
2.92	2.95	2.96	57814.44	828.939561			1
3.12	3.14	3.16	12654.33	142.662106			2
3.25	3.26	3.29	21242.32	242.284283			3
+ 3.40	3.42	3.44	22676.62	241.324813			4
* 3.40	3.44	3.44	41019.41	436.528965			4
+* 3.44	3.44	3.48	41019.41	464.771505			5
3.44	3.47	3.48	51461.68	583.08792			5
+ 3.57	3.59	3.61	141699.8	1949.227895			6
3.57	3.60	3.61	156069.2	2146.893914			6
Height Summation:			**340261.38**				
Amount Avg CF:			**730.066125**	Linear:			
Aroclor-1221					**2**	**58.66**	
2.86	2.87	2.90	6083.944	255.317625			2
2.92	2.95	2.96	57814.44	617.229299			3
Height Summation:			**63898.384**				
Amount Avg CF:			**436.273462**	Linear:			
Aroclor-1232					**6**	**125.96**	
2.92	2.95	2.96	57814.44	677.554993			1
3.12	3.14	3.16	12654.33	282.562805			2
3.25	3.26	3.29	21242.32	490.409437			3
+ 3.40	3.42	3.44	22676.62	524.398492			4
+* 3.44	3.44	3.48	41019.41	931.490551			5
* 3.40	3.44	3.44	41019.41	948.57685			4
3.44	3.47	3.48	51461.68	1168.619165			5
+ 3.57	3.59	3.61	141699.8	4636.198355			6
3.57	3.60	3.61	156069.2	5106.342905			6
Height Summation:			**340261.38**				
Amount Avg CF:			**1445.677692**	Linear:			
Aroclor-1242					**6**	**103.40**	
2.92	2.95	2.96	57814.44	599.432193			1
3.12	3.14	3.16	12654.33	161.56124			2
3.25	3.26	3.29	21242.32	185.359283			3
+ 3.40	3.42	3.44	22676.62	166.198909			4
+* 3.44	3.44	3.48	41019.41	335.789573			5
* 3.40	3.44	3.44	41019.41	300.634803			4
3.44	3.47	3.48	51461.68	421.271187			5
+ 3.57	3.59	3.61	141699.8	1542.025554			6
3.57	3.60	3.61	156069.2	1698.398266			6
Height Summation:			**340261.38**				
Amount Avg CF:			**561.109495**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202694** ACF DF100 DUP16 Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:36:41
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0035.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	97.37	
4.29	4.31	4.32	741908	7894.574592			1
+ 4.63	4.65	4.67	108982.2	1093.473982			2
4.63	4.67	4.67	344784.4	3459.39769			2
4.69	4.71	4.73	769105.1	3647.639657			3
4.91	4.93	4.95	419235.2	3252.639313			4
5.11	5.13	5.15	1161362	15747.771402			5
5.23	5.24	5.27	2795245	28852.935686			6
Height Summation:			**6231639.7**				
Amount Avg CF:			**10475.82639**	Linear:			
Aroclor-1260					6	5.57	
4.82	4.84	4.86	2675564	17727.318887			1
5.02	5.04	5.06	2941265	19853.203403			2
5.23	5.24	5.27	2795245	19884.020311			3
5.45	5.47	5.49	1468784	18042.60664			4
5.69	5.70	5.73	3919498	19660.65526			5
5.89	5.91	5.93	2335856	17916.662447			6
Height Summation:			**16136212**				
Amount Avg CF:			**18847.411158**	Linear:			
Aroclor-1262					6	30.17	
5.29	5.31	5.33	1361060	11269.233884			1
5.45	5.47	5.49	1468784	13679.835516			2
5.69	5.70	5.73	3919498	16637.100312			3
5.89	5.91	5.93	2335856	14526.778527			4
5.95	5.96	5.99	478393.3	5912.907799			5
6.31	6.33	6.35	830373.4	11445.9357			6
Height Summation:			**10393964.7**				
Amount Avg CF:			**12245.298623**	Linear:			
Aroclor-1268					6	97.03	
5.89	5.91	5.93	2335856	8097.918634			1
5.95	5.96	5.99	478393.3	1917.941579			2
6.08	6.10	6.12	33131.09	138.408675			3
+ 6.14	6.15	6.18	66727.8	1061.746511			4
6.14	6.18	6.18	431990.3	6873.659758			4
6.31	6.33	6.35	830373.4	11257.040942			5
6.51	6.53	6.55	154913.1	319.072672			6
Height Summation:			**4264657.19**				
Amount Avg CF:			**4767.340377**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:36:41
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0035.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	131.48	
+ 3.44	3.44	3.48	41019.41	1014.773605			1
3.44	3.47	3.48	51461.68	1273.103503			1
3.51	3.53	3.55	21073.17	380.291443			2
3.55	3.56	3.59	107301.7	1124.498315			3
3.67	3.69	3.71	42889.25	373.831566			4
+ 3.76	3.77	3.80	18731.85	236.120415			5
3.76	3.78	3.80	32308.48	407.257784			5
3.90	3.91	3.94	821425.7	5443.23909			6
Height Summation:			**1076459.98**				
Amount Avg CF:			**1500.370283**	Linear:			
Aroclor-1254					6	112.33	
4.20	4.22	4.24	260415.6	2176.000366			1
+ 4.26	4.26	4.30	332011.4	1569.009045			2
+ 4.26	4.28	4.30	291647.1	1378.256704			2
4.26	4.29	4.30	826464.4	3905.679501			2
4.35	4.37	4.39	2756238	27730.093233			3
4.42	4.44	4.46	248541.7	1901.592355			4
4.64	4.66	4.68	341430.3	3710.473817			5
4.72	4.74	4.76	3182730	21830.192861			6
Height Summation:			**7615820**				
Amount Avg CF:			**10209.005356**	Linear:			
Aroclor-1260					6	5.88	
4.35	4.37	4.39	2756238	17834.107587			1
4.49	4.51	4.53	3412913	19250.750892			2
4.60	4.61	4.64	2405840	16782.622269			3
4.72	4.74	4.76	3182730	18398.375067			4
5.14	5.16	5.18	4406461	19729.228558			5
5.40	5.42	5.44	2536323	19176.318255			6
Height Summation:			**18700505**				
Amount Avg CF:			**18528.567105**	Linear:			
Aroclor-1262					6	29.21	
4.76	4.77	4.80	1494612	8836.177946			1
4.95	4.96	4.99	1852714	11770.453376			2
+ 4.95	4.99	4.99	237666.6	1509.916606			2
5.14	5.16	5.18	4406461	15172.162536			3
5.36	5.37	5.40	684914.4	6520.353697			4
5.40	5.42	5.44	2536323	14314.3107			5
5.78	5.80	5.82	807102.4	10643.039302			6
Height Summation:			**11782126.8**				
Amount Avg CF:			**11209.416259**	Linear:			
Aroclor-1268					6	124.71	
5.36	5.37	5.40	684914.4	2275.796781			1
5.40	5.42	5.44	2536323	8789.691351			2
5.56	5.57	5.60	33898.48	140.513816			3
5.62	5.64	5.66	19720.34	335.796751			4
5.78	5.80	5.82	807102.4	9758.989069			5
5.98	6.00	6.02	147531.2	259.207588			6
Height Summation:			**4229489.82**				
Amount Avg CF:			**3593.332559**	Linear:			

Aroc8

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202694 ACF DF100 DUP16 Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 19, 2017 00:36:41
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0035.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 19, 2017 00:36:41
Instrument.	: CP 7--19843B
Result file	: 07PCBS17250009B.0035.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			4918.0329	954.677		33.30	4	40	
Aroclor-1221			4918.0329	1475.4099		** 51.56	3	40	
Aroclor-1232			4918.0329	1186.1138		19.17	4	40	
Aroclor-1242			4918.0329	1186.1138		34.98	4	40	
Aroclor-1248			4918.0329	954.677		29.41	4	40	
Aroclor-1254			4918.0329	1272.9026		2.58	4	40	
Aroclor-1260			4918.0329	1128.2546		1.71	4	40	
Aroclor-1262			4918.0329	954.677		8.83	4	40	
Aroclor-1268			4918.0329	954.677		28.08	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:36:41 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: 07pcbs17250009.0035.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.518		5018	3237
1.582		15149	42759
1.64		71189	70509
1.695		21083	33490
1.718		18138	20153
1.745		18264	17304
1.77		7720	5486
1.792		20076	27565
1.817		18783	22624
1.846		12737	10028
1.874		11348	7759
1.894		16895	13921
1.919		14212	13693
1.943		13210	15336
1.985		16614	12593
2.003		17539	15570
2.052		19753	14693
2.069		30865	33066
2.112		49988	78041
2.143		33642	45737
2.175		42546	49776
2.195		33708	32614
2.215		37878	54133
2.24		31086	34201
2.268		50934	49878
2.289		34186	31587
2.324		20461	13783
2.344		30088	44651
2.379		28130	21803
2.412		17855	12462
2.446		38010	41543
2.497		22775	26293
2.515		25100	31048
2.548		23101	37685
2.583		13376	13877
2.606		11322	6196
2.636		25636	36030
2.676		9512	7993
2.695		14134	14944
2.719		37702	19373
2.734		5334	2229
2.759		5046	2077
2.774		14721	14390
2.802		19950	17185
2.822		3762	1510
2.857		7591	3246
2.873		15577	11356
2.899		9382	11234
2.949		10241	9337
2.975		7853	3309
2.999	TCX	106644	71351
3.05		9634	8442
3.072		14469	16445

RT A	Compound A	Height A	Area A
3.12		4340	6486
3.164		10054	8461
3.181		8815	8221
3.208		10941	5708
3.226		5062	2542
3.244		6582	5283
3.319		48183	41810
3.339		7536	6447
3.378		5064	2353
3.394		5155	2728
3.42		7342	7609
3.443		7166	4820
3.467		6026	3310
3.482		8720	5098
3.502		3340	2840
3.533		5398	3766
3.585		8698	5408
3.607		5016	2979
3.63		4618	2529
3.654		11436	6885
3.675		8358	7279
3.708		6207	6818
3.77		40363	44766
3.806		46686	40264
3.841		1662	914
3.857		20313	25672
3.9		18470	16139
3.926		106695	74190
3.953		79585	53951
3.976		105095	67077
4.001		5400	3833
4.053		31394	21135
4.075		12476	9533
4.109		29834	19242
4.144		47835	59048
4.188		16472	13574
4.217		18045	17699
4.247		12622	8943
4.269		28301	19347
4.305		741908	652191
4.351		132209	113043
4.418		207095	178621
4.461		1024812	950457
4.495		179783	147297
4.536		25763	18279
4.558		15709	10698
4.6		177405	171415
4.652		108982	72261
4.669		344784	251407
4.714		769105	666501
4.762		1180040	1280474
4.8		257910	177014
4.84		2675564	2382083
4.884		44521	40107
4.926		419235	445676
4.961		25908	16506
4.987		517148	474431
5.039		2941265	3548471
5.091		537095	479216
5.13		1161363	1242261
5.172		18755	9455
5.209		244631	284560
5.244		2795245	2500408
5.265		102274	55259
5.285		43423	18483
5.309		1361060	1208936

RT A	Compound A	Height A	Area A
5.351		907171	852884
5.446		330577	268372
5.47		1468784	1291137
5.527		915097	825509
5.565		552990	533196
5.607		87011	90981
5.648		528433	528385
5.704		3919498	3558468
5.908		2335856	2217422
5.938		184173	131668
5.963		478393	499463
6.052		1405	335
6.074		6059	4231
6.097		33131	26967
6.149		66728	54362
6.177		431990	398405
6.33		830373	833347
6.375		60682	54052
6.53		154913	145755
6.677	DCB	54288	52221
6.735		1599	517
6.843		1214	268
6.884		1407	587
6.929		6745	7361
6.967		854	432
7.044		1355	1165
7.242		1459	483
7.35		1795	2453
7.371		1551	397
7.505		1702	1104
7.563		1421	674
7.584		1002	561
7.625		1331	752
7.641		2754	692
7.695		1380	962
7.905		1600	429
8.077		1269	958
8.172		1560	424
8.258		1561	1183
8.277		1716	513
8.305		1046	571
8.331		1792	907
8.409		1516	479
8.446		1050	572

LANCASTER LABORATORIES

Sample Number: 9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:36:41 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: 07pcbs17250009B.0035.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

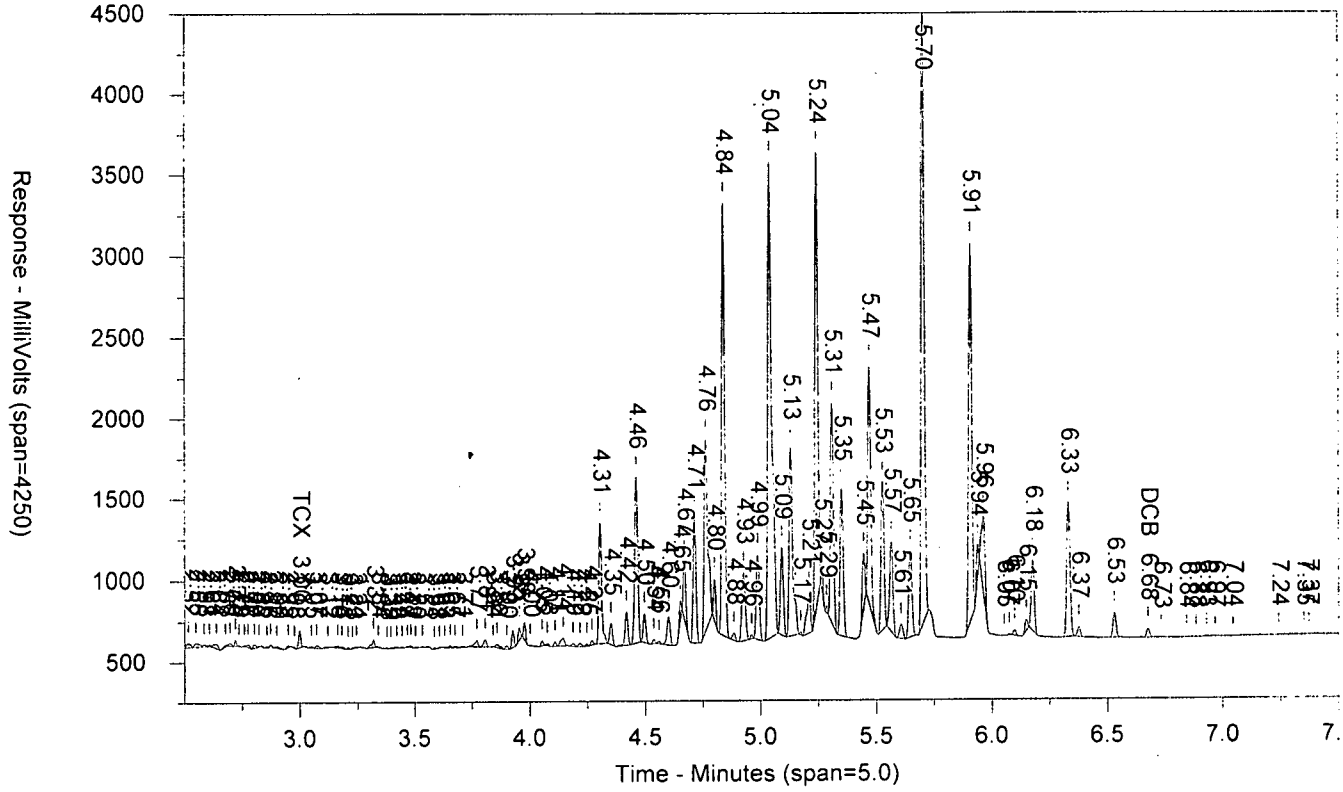
RT B	Compound B	Height B	Area A
1.526		8933	11620
1.568		6053	5089
1.615		11485	9384
1.644		5163	4183
1.685		8791	10610
1.712		8236	6237
1.751		12230	17401
1.772		10257	10330
1.805		7691	5742
1.832		20687	16215
1.873		2255	1918
1.916		9138	9379
1.938		12114	9099
1.964		11847	11761
1.994		34841	32449
2.041		17300	34473
2.061		7213	3487
2.084		11278	10390
2.106		12464	10613
2.138		16757	29334
2.203		9495	10968
2.225		6479	3361
2.246		5511	3703
2.266		10167	5734
2.327		7473	7431
2.357		14889	21790
2.401		49773	32884
2.481		5281	4897
2.499		5989	3304
2.524		6839	4608
2.575		13101	15926
2.601		4744	4091
2.63		3524	2091
2.652	TCX	117636	71064
2.713		5499	2514
2.74		7938	9719
2.796		2061	900
2.847		5717	4056
2.869		6084	7965
2.905		3343	1549
2.948		57814	51695
2.987		3794	2308
3.01		3207	1622
3.044		4799	8190
3.115		3110	4527
3.143		12654	21395
3.264		21242	23113
3.302		14611	10442
3.349		6172	8843
3.393		3742	3035
3.422		22677	17627
3.441		41019	23219
3.471		51462	32285
3.53		21073	18175

3.563		107302	60545
3.587		141700	78545
3.604		156069	84343
3.662		3231	1616
3.689		42889	29126
3.713		14643	8069
3.734		38568	35599
3.765		18732	9702
3.781		32308	21310
3.82		18256	12801
3.864		31222	24686
3.914		821426	567016
3.94		37078	19695
3.96		91002	50718
3.979		188962	123189
4.015		1107061	763590
4.047		166443	103086
4.064		60883	31133
4.086		36137	22098
4.127		20476	21173
4.16		104695	111115
4.18		21501	12502
4.217		260416	187483
4.26		332011	211415
4.279		291647	135211
4.292		826464	467416
4.318		469657	481196
4.37		2756238	2076927
4.417		54766	63064
4.44		248542	162554
4.465		665389	491364
4.508		3412913	2633500
4.611		2405840	2280680
4.663		341430	284588
4.703		686439	607937
4.739		3182730	2677947
4.772		1494612	1060190
4.811		1111910	877159
4.882		5192	2874
4.91		293632	211072
4.927		43431	21098
4.962		1852714	1456207
4.985		237667	158353
5.037		1035284	923102
5.072		544618	426594
5.102		379560	300209
5.134		130480	79796
5.156		4406461	3528463
5.197		91324	66525
5.229		125256	102319
5.27		5557	3559
5.348		39116	24299
5.371		684914	572663
5.415		2536323	2723159
5.571		33898	29338
5.616		76370	58334
5.64		19720	12463
5.688		390913	343064
5.796		807102	681897
5.828		46769	33796
5.996		147531	128859
6.155	DCB	58820	50806
6.332		3819	3345
6.36		2011	1522
6.532		1337	1588
6.597		10039	8140
6.697		1144	1122

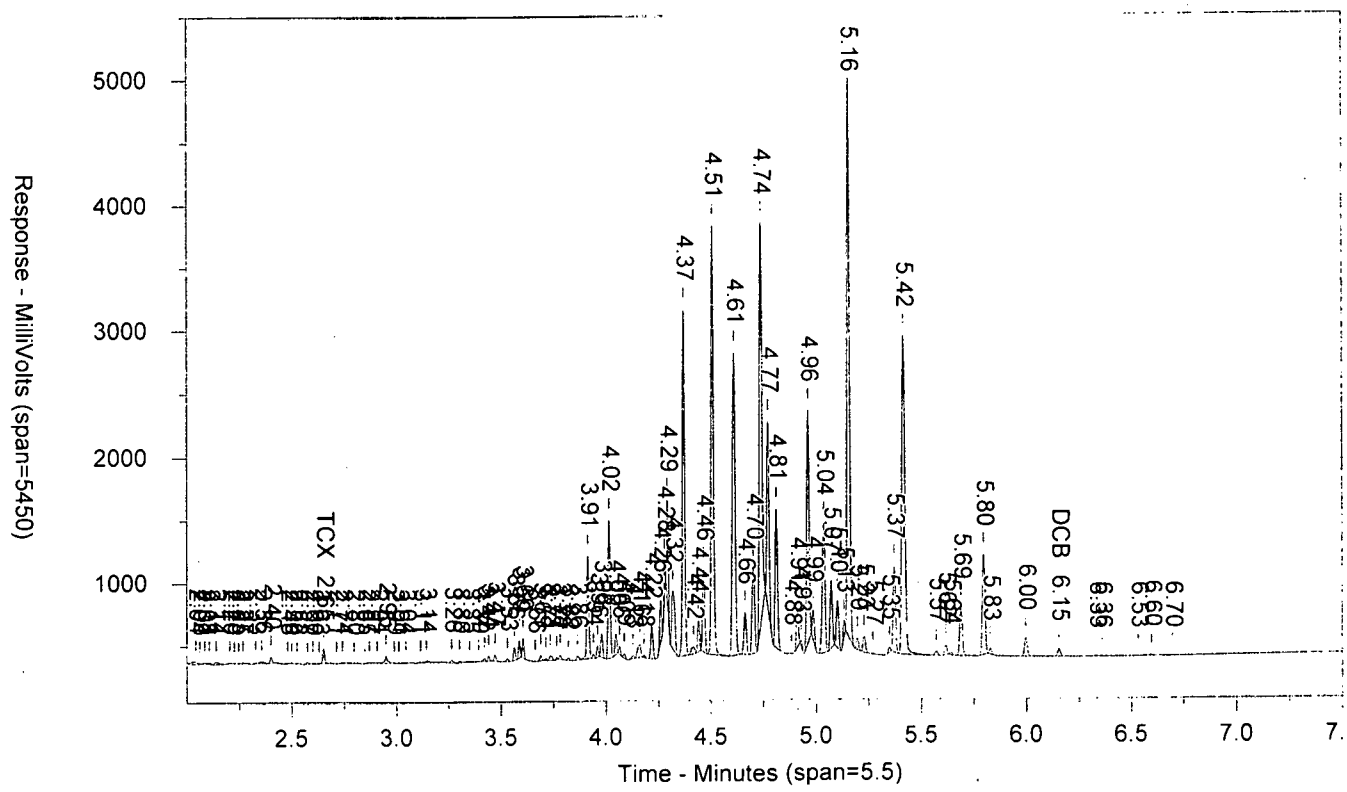
8.19	2317	4123
8.29	8930	17084

9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 808:

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0035.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0035.RAW



LANCASTER LABORATORIES

Sample Number: 9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:36:41 AM
Sample Weight: 10.37
Instrument ID: CP7-19843A
Dilution Factor: 1000
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

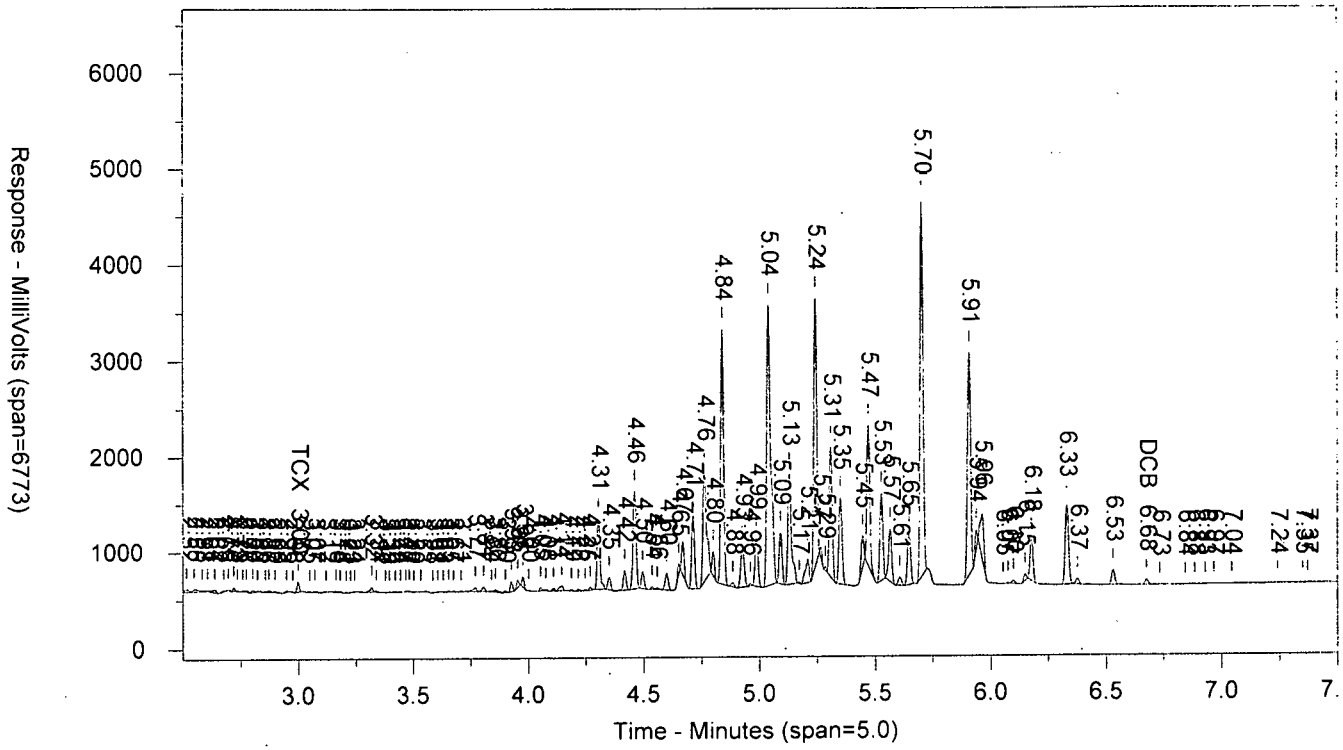
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	106644	27.17	TCX	2.652	117636	29.19	TCX
6.677	54288	38.785	DCB	6.155	58820	35.605	DCB

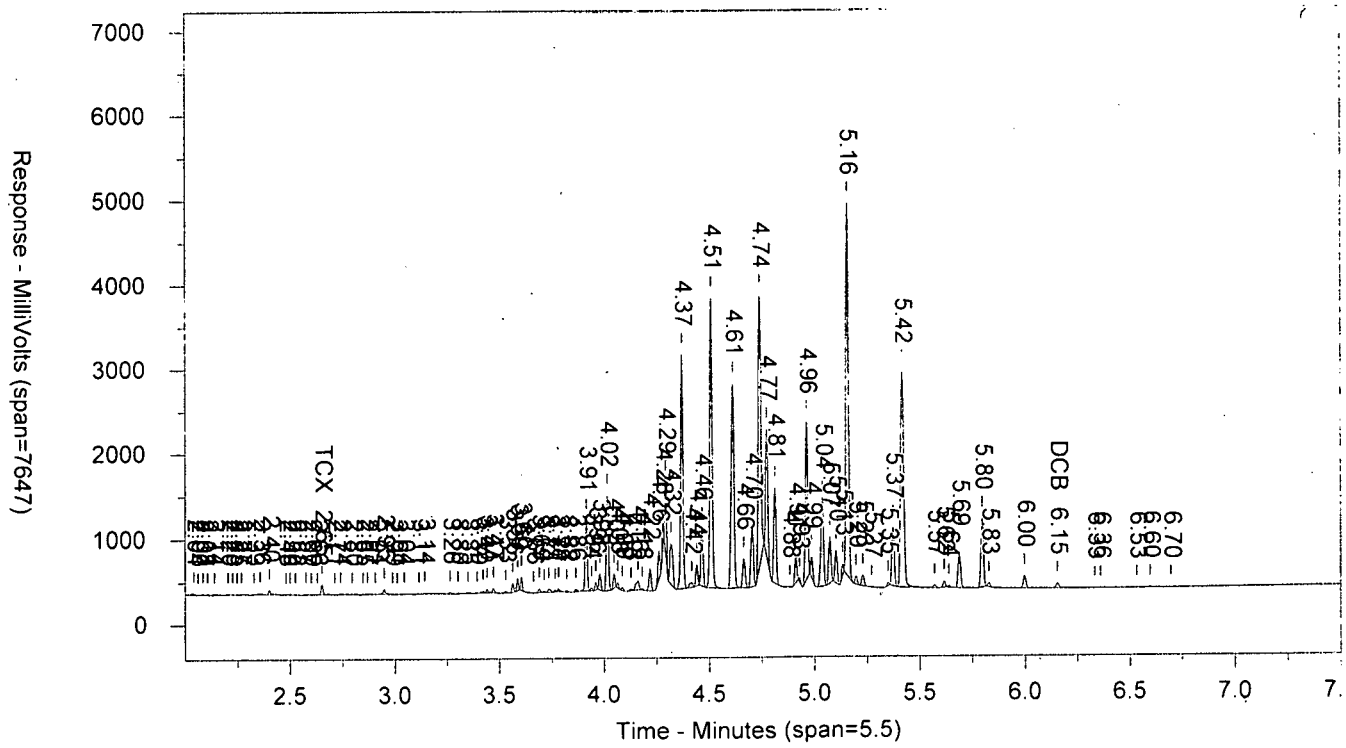
Files:
Area File: 07pcbs17250009.0035.RAW
Area File: 07pcbs17250009B.0035.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 12:45:25 AM
File Reported On: 9/19/2017 at 12:45:40 AM

9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0035.RAW

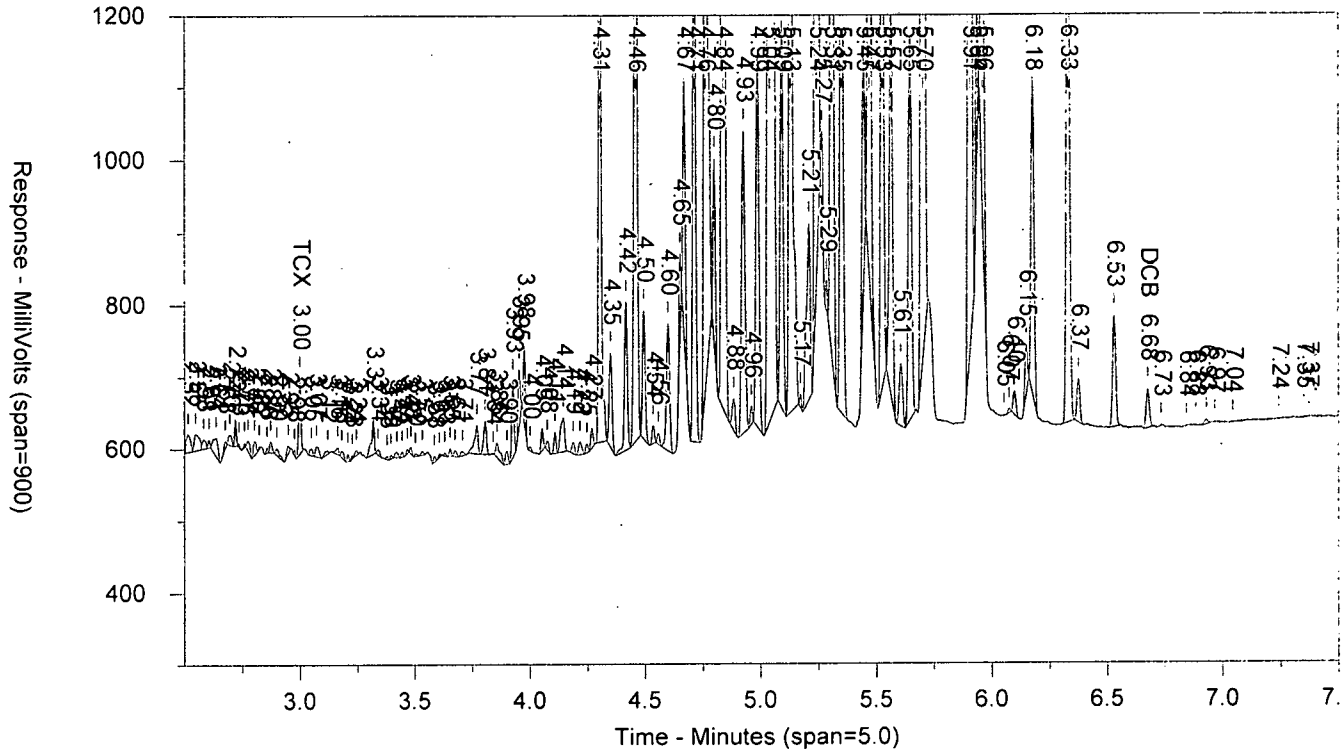


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0035.RAW

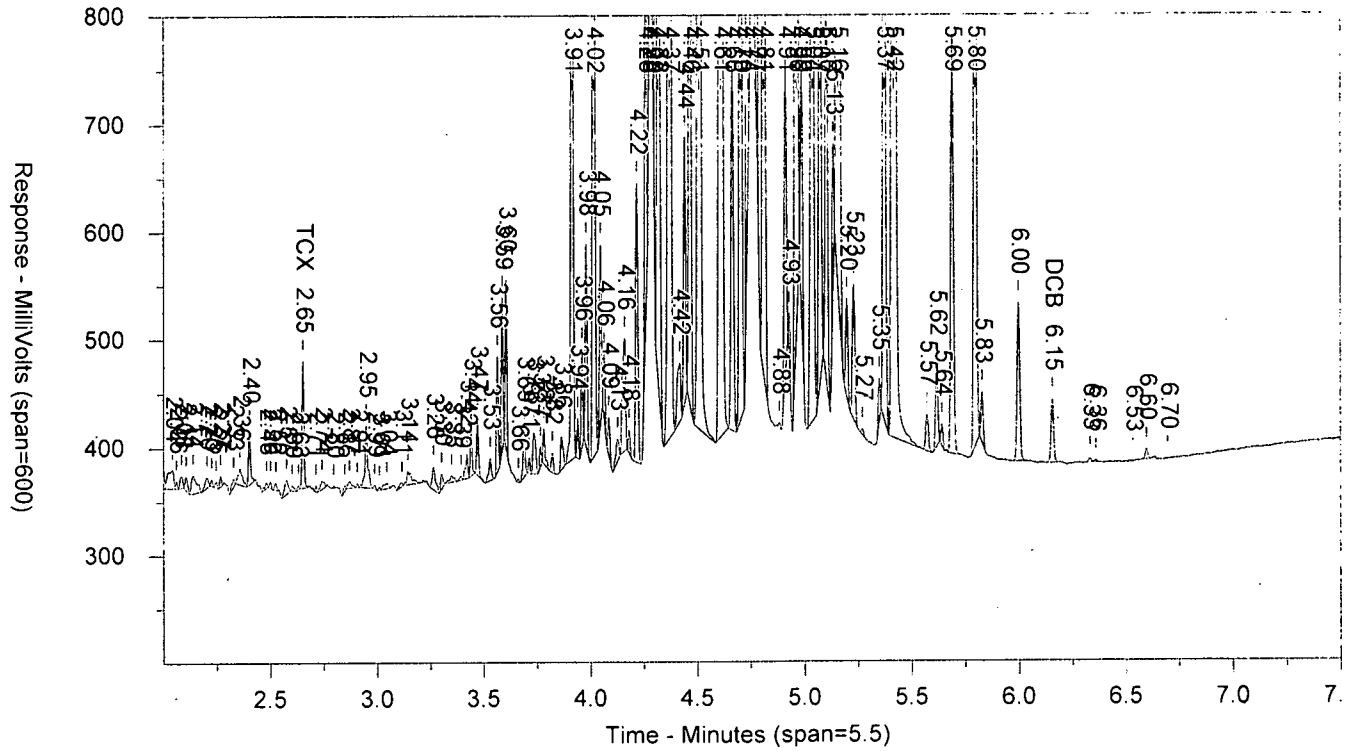


9202694 ACF DF100 ACDUP16 T 172560041A 10225 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0035.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0035.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202695 ACF DF200 -129E Sample ID: AD **Batchnumber: 172560041A**
Sample Amount: 10.36 g Total Volume: 2000 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:48:08
Instrument	19843A
Result file	07PCBS17250009.0036.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 90% (61 - 152) Conc: 26.67528
%SSR(DCB) 145% (48 - 164) Conc: 38.0335

Analysis Report (B)

Injected on	Sep 19, 2017 00:48:08
Instrument	19843B
Result file	07PCBS17250009B.0036.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 105% (61 - 152) Conc: 30.85597
%SSR(DCB) 140% (48 - 164) Conc: 36.75359

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	52301	26.67528
Decachlorobiphenyl	6.65	6.68	6.71	26593	38.0335

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	62115	30.85597
Decachlorobiphenyl	6.13	6.16	6.19	30329	36.75359

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	30.85597				14.53	
☑	Tetrachloro-m-xylene-D1	A	26.67528					
☑	Tetrachloro-m-xylene-D2	B	30.85597					
☐	Decachlorobiphenyl	A	38.0335				3.42	
☑	Decachlorobiphenyl-D1	A	38.0335					
☑	Decachlorobiphenyl-D2	B	36.75359					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**7.62**	
4.82	4.84	4.86	2074036	27510.152649			1
5.02	5.04	5.06	2493640	33696.065173			2
5.23	5.24	5.27	2303942	32809.896266			3
5.45	5.47	5.49	1246038	30642.319151			4
5.69	5.71	5.73	3224378	32378.929552			5
5.89	5.91	5.93	1901741	29201.920333			6

Height summation: **13243775**
Concentration CF: **31039.880521** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.68**	
4.35	4.37	4.39	2227729	28856.657267			1
4.49	4.51	4.53	2780746	31400.226037			2
4.60	4.61	4.64	1857033	25933.533634			3
4.72	4.74	4.76	2537842	29369.276463			4
5.14	5.16	5.18	3388228	30369.790573			5
5.40	5.42	5.44	2038657	30857.009066			6

Height summation: **14830235**
Concentration CF: **29464.415507** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<9845.5598	<1911.1969	D1		4	
☑	PCB-1221			<9845.5598	<2953.6679	D1		3	
☑	PCB-1232			<9845.5598	<2374.5174	D1		4	
☑	PCB-1242			<9845.5598	<2374.5174	D1		4	
☑	PCB-1248			<9845.5598	<1911.1969	D1		4	
☑	PCB-1254			<9845.5598	<2548.2625	~~D1~~ D2		4	
☑	PCB-1260	B	29464.415507	9845.5598	2258.6872	D2	5.21	4	

Units: ug/kg

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

KBT 9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:18

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202695** ACF DF200 -129E Sample ID: AD **Batchnumber: 172560041A**
Sample Amount: 10.36 g Total Volume: 2000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0036.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 90% (61-152) Conc.: 26.67528
%SSR(DCB) : 145% (48-164) Conc.: 38.0335

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**97.02**	
3.23	3.24	3.27	4114.914	120.832298			1
+ 3.45	3.47	3.49	6565.704	188.355477			2
3.45	3.48	3.49	15930.77	457.018437			2
3.56	3.59	3.60	12554.71	302.12865			3
+ 3.74	3.75	3.78	5210.25	128.067932			4
3.74	3.77	3.78	96610.22	2374.678966			4
3.78	3.81	3.82	143730.8	3010.302991			5
3.91	3.93	3.95	121843.5	4160.251422			6
Height Summation:			**394784.914**				
Amount Avg CF:			**1737.535461**	Linear:			
Aroclor-1221					**3**	**67.78**	
3.13	3.16	3.17	7318.081	464.12679			1
3.18	3.18	3.22	8614.993	597.325473			2
+ 3.18	3.21	3.22	8111.757	562.433317			2
3.23	3.24	3.27	4114.914	93.67217			3
Height Summation:			**20047.988**				
Amount Avg CF:			**385.041478**	Linear:			
Aroclor-1232					**6**	**104.12**	
3.23	3.24	3.27	4114.914	102.995241			1
+ 3.45	3.47	3.49	6565.704	393.553307			2
3.45	3.48	3.49	15930.77	954.902507			2
3.56	3.59	3.60	12554.71	628.03745			3
+ 3.74	3.75	3.78	5210.25	277.844046			4
3.74	3.77	3.78	96610.22	5151.878394			4
3.78	3.81	3.82	143730.8	6141.923882			5
3.91	3.93	3.95	121843.5	10342.905148			6
Height Summation:			**394784.914**				
Amount Avg CF:			**3887.107104**	Linear:			
Aroclor-1242					**6**	**99.88**	
3.23	3.24	3.27	4114.914	90.24343			1
+ 3.45	3.47	3.49	6565.704	143.231389			2
3.45	3.48	3.49	15930.77	347.531098			2
3.56	3.59	3.60	12554.71	229.769944			3
+ 3.74	3.75	3.78	5210.25	86.539037			4
3.74	3.77	3.78	96610.22	1604.636136			4
3.78	3.81	3.82	143730.8	2176.267531			5
3.91	3.93	3.95	121843.5	3268.595917			6
Height Summation:			**394784.914**				
Amount Avg CF:			**1286.174009**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0036.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 105% (61-152) Conc.: 30.85597
%SSR(DCB) : 140% (48-164) Conc.: 36.75359

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**133.40**	
2.92	2.95	2.96	43480.23	1248.036748			1
+ 3.12	3.14	3.16	5794.84	130.785597			2
3.12	3.15	3.16	11162.51	251.930258			2
3.25	3.26	3.29	40653.09	928.251915			3
+ 3.40	3.42	3.44	40109.99	854.525853			4
+* 3.44	3.44	3.48	111386.3	2526.567228			5
* 3.40	3.44	3.44	111386.3	2373.036567			4
3.44	3.47	3.48	158155	3587.4182			5
+ 3.57	3.59	3.61	263151.7	7246.838072			6
3.57	3.60	3.61	469139.9	12919.4715			6
Height Summation:			**833977.03**				
Amount Avg CF:			**3551.357532**	Linear:			
Aroclor-1221					**2**	**52.05**	
2.86	2.87	2.90	5109.869	429.293537			2
2.92	2.95	2.96	43480.23	929.289519			3
Height Summation:			**48590.099**				
Amount Avg CF:			**679.291528**	Linear:			
Aroclor-1232					**6**	**149.16**	
2.92	2.95	2.96	43480.23	1020.114818			1
+ 3.12	3.14	3.16	5794.84	259.039673			2
3.12	3.15	3.16	11162.51	498.984085			2
3.25	3.26	3.29	40653.09	1878.881672			3
+ 3.40	3.42	3.44	40109.99	1856.883522			4
+* 3.44	3.44	3.48	111386.3	5063.721584			5
* 3.40	3.44	3.44	111386.3	5156.60525			4
3.44	3.47	3.48	158155	7189.868836			5
+ 3.57	3.59	3.61	263151.7	17236.454922			6
3.57	3.60	3.61	469139.9	30728.696559			6
Height Summation:			**833977.03**				
Amount Avg CF:			**7745.525204**	Linear:			
Aroclor-1242					**6**	**138.06**	
2.92	2.95	2.96	43480.23	902.494511			1
+ 3.12	3.14	3.16	5794.84	148.111393			2
3.12	3.15	3.16	11162.51	285.304669			2
3.25	3.26	3.29	40653.09	710.157949			3
+ 3.40	3.42	3.44	40109.99	588.506679			4
* 3.40	3.44	3.44	111386.3	1634.295632			4
+* 3.44	3.44	3.48	111386.3	1825.402206			5
3.44	3.47	3.48	158155	2591.84914			5
+ 3.57	3.59	3.61	263151.7	5732.941498			6
3.57	3.60	3.61	469139.9	10220.536676			6
Height Summation:			**833977.03**				
Amount Avg CF:			**2724.106429**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202695** ACF DF200 -129E Sample ID: AD **Batchnumber: 172560041A**
Sample Amount: 10.36 g Total Volume: 2000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0036.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	107.83	
3.78	3.81	3.82	143730.8	6106.600733			1
3.84	3.86	3.88	16737.19	668.46241			2
3.91	3.93	3.95	121843.5	2922.544775			3
4.03	4.05	4.07	49286.93	1046.956881			4
4.12	4.15	4.16	98010.41	2404.686258			5
4.30	4.31	4.34	576745.1	13247.706968			6
+ 4.30	4.32	4.34	26068	598.776176			6
Height Summation:			1006353.93				
Amount Avg CF:			4399.493004	Linear:			
Aroclor-1254					6	94.29	
4.29	4.31	4.32	576745.1	12286.030483			1
+ 4.29	4.32	4.32	26068	555.309863			1
+ 4.63	4.65	4.67	104547.8	2099.987833			2
4.63	4.67	4.67	296330.8	5952.215872			2
4.69	4.71	4.73	728220.4	6914.138502			3
4.91	4.93	4.95	433302.8	6730.055705			4
5.11	5.13	5.15	931833.2	25295.231973			5
5.23	5.24	5.27	2303942	47609.176213			6
Height Summation:			5270374.3				
Amount Avg CF:			17464.474791	Linear:			
Aroclor-1260					6	7.62	
4.82	4.84	4.86	2074036	27510.152649			1
5.02	5.04	5.06	2493640	33696.065173			2
5.23	5.24	5.27	2303942	32809.896266			3
5.45	5.47	5.49	1246038	30642.319151			4
5.69	5.71	5.73	3224378	32378.929552			5
5.89	5.91	5.93	1901741	29201.920333			6
Height Summation:			13243775				
Amount Avg CF:			31039.880521	Linear:			
Aroclor-1262					6	29.04	
5.29	5.31	5.33	1161500	19252.420222			1
5.45	5.47	5.49	1246038	23232.889469			2
5.69	5.71	5.73	3224378	27399.468218			3
5.89	5.91	5.93	1901741	23676.833256			4
5.95	5.96	5.99	403837.1	9992.432645			5
6.31	6.33	6.35	712531.8	19662.155269			6
Height Summation:			8650025.9				
Amount Avg CF:			20536.03318	Linear:			
Aroclor-1268					6	98.03	
5.89	5.91	5.93	1901741	13198.595191			1
5.95	5.96	5.99	403837.1	3241.197511			2
6.08	6.10	6.12	25410.26	212.513094			3
+ 6.14	6.15	6.18	55789.25	1777.10691			4
6.14	6.18	6.18	359768.6	11460.044095			4
6.31	6.33	6.35	712531.8	19337.666459			5
6.51	6.53	6.55	122894.2	506.736103			6
Height Summation:			3526182.96				
Amount Avg CF:			7992.792075	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0036.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	91.95	
+ 3.44	3.44	3.48	111386.3	5516.460689			1
3.44	3.47	3.48	158155	7832.703306			1
3.51	3.53	3.55	23097.08	834.435473			2
3.55	3.56	3.59	127369.3	2672.181574			3
3.67	3.69	3.71	61780.04	1078.014741			4
+ 3.76	3.77	3.80	14543.57	367.005767			5
3.76	3.78	3.80	85422.31	2155.624818			5
3.90	3.91	3.94	707373.9	9383.981706			6
Height Summation:			1163197.63				
Amount Avg CF:			3992.823603	Linear:			
Aroclor-1254					6	107.15	
4.20	4.22	4.24	255850	4279.828685			1
+ 4.26	4.26	4.30	272570.6	2578.69785			2
+ 4.26	4.28	4.30	237721.1	2248.998569			2
4.26	4.29	4.30	652881.8	6176.692915			2
4.35	4.37	4.39	2227729	44868.956437			3
4.42	4.44	4.46	280544.3	4297.03216			4
4.64	4.66	4.68	316083	6876.658333			5
4.72	4.74	4.76	2537842	34847.477945			6
Height Summation:			6270930.1				
Amount Avg CF:			16891.107746	Linear:			
Aroclor-1260					6	6.68	
4.35	4.37	4.39	2227729	28856.657267			1
4.49	4.51	4.53	2780746	31400.226037			2
4.60	4.61	4.64	1857033	25933.533634			3
4.72	4.74	4.76	2537842	29369.276463			4
5.14	5.16	5.18	3388228	30369.790573			5
5.40	5.42	5.44	2038657	30857.009066			6
Height Summation:			14830235				
Amount Avg CF:			29464.415507	Linear:			
Aroclor-1262					6	25.25	
4.76	4.77	4.80	1294413	15319.96775			1
4.95	4.96	4.99	1514448	19261.414214			2
5.14	5.16	5.18	3388228	23354.962786			3
5.36	5.37	5.40	595047.5	11340.585811			4
5.40	5.42	5.44	2038657	23033.452469			5
5.78	5.80	5.82	663895.2	17526.11078			6
Height Summation:			9494688.7				
Amount Avg CF:			18306.082301	Linear:			
Aroclor-1268					6	123.81	
5.36	5.37	5.40	595047.5	3958.200717			1
5.40	5.42	5.44	2038657	14143.673572			2
5.56	5.57	5.60	28074.64	232.971072			3
5.62	5.64	5.66	14964.13	510.1085			4
5.78	5.80	5.82	663895.2	16070.327157			5
5.98	6.00	6.02	125059.6	439.875595			6
Height Summation:			3465698.07				
Amount Avg CF:			5892.526102	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202695 ACF DF200 -129E Sample ID: AD **Batchnumber: 172560041A**
Sample Amount: 10.36 g Total Volume: 2000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0036.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 00:48:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0036.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			9845.5598	1911.1969		** 68.59	4	40	
Aroclor-1221			9845.5598	2953.6679		** 55.29	3	40	
Aroclor-1232			9845.5598	2374.5174		** 66.34	4	40	
Aroclor-1242			9845.5598	2374.5174		** 71.71	4	40	
Aroclor-1248			9845.5598	1911.1969		9.69	4	40	
Aroclor-1254			9845.5598	2548.2625		3.34	4	40	
Aroclor-1260			9845.5598	2258.6872		5.21	4	40	
Aroclor-1262			9845.5598	1911.1969		11.48	4	40	
Aroclor-1268			9845.5598	1911.1969		30.25	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:48:08 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: 07pcbs17250009.0036.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.584		2222	4126
1.64		60328	57112
1.748		11134	7962
1.794		6296	6061
1.875		6468	3237
1.896		12569	10605
1.921		10442	9732
1.945		11642	12333
1.985		13440	11104
2.005		15107	16090
2.05		16608	12735
2.069		20825	19341
2.113		33492	43413
2.143		18527	20571
2.175		19079	21405
2.215		10884	10545
2.269		26590	16148
2.29		7120	4038
2.344		22062	37628
2.38		20159	16075
2.413		13384	9846
2.448		7554	12216
2.5		13539	14385
2.517		18018	18958
2.55		19185	28706
2.582		11251	7434
2.607		7612	3460
2.637		20520	29020
2.676		10608	9066
2.692		11196	11820
2.72		28729	14620
2.759		4915	2587
2.772		8156	10506
2.803		17532	15188
2.833		8754	9400
2.857		6733	2986
2.872		12028	8772
2.901		6240	8033
2.949		8753	7741
2.976		6309	2450
2.999	TCX	52301	35288
3.02		4127	3113
3.05		7949	6473
3.073		11522	14281
3.116		4451	4406
3.164		7318	7441
3.185		8615	6894
3.208		8112	4161
3.227		4760	2240
3.242		4115	2458
3.319		33701	27614
3.396		4221	2294
3.419		6163	6356

RT A	Compound A	Height A	Area A
3.443		4476	2958
3.467		6566	3620
3.483		15931	9369
3.506		2215	1432
3.533		4233	2780
3.585		12555	7682
3.608		3908	2967
3.631		3662	2154
3.654		12465	9839
3.676		4483	3423
3.706		5699	4701
3.745		5210	5467
3.77		96610	81540
3.807		143731	110737
3.857		16737	11586
3.898		21969	18793
3.927		121844	85259
3.954		193471	132444
3.977		388792	265798
4.054		49287	33487
4.078		27088	18500
4.109		65884	44467
4.146		98010	102417
4.19		59904	45583
4.218		35542	28559
4.248		9217	5925
4.27		43748	30095
4.306		576745	446899
4.324		26068	11117
4.351		291668	248473
4.419		238595	199742
4.462		923519	878403
4.496		345287	295285
4.537		67913	49109
4.559		22814	14401
4.601		177482	176278
4.653		104548	70095
4.67		296331	217078
4.715		728220	632677
4.763		941375	1063630
4.801		178243	113675
4.841		2074036	1896686
4.886		60621	58075
4.927		433303	448638
4.961		19732	12162
4.987		486136	442377
5.04		2493641	2923859
5.092		439759	401740
5.131		931833	985349
5.174		28470	15999
5.211		196941	233113
5.244		2303943	2035285
5.266		86064	44295
5.287		37070	15859
5.31		1161500	1028625
5.352		748585	718863
5.447		290514	227034
5.471		1246038	1090411
5.527		765106	704583
5.566		440984	441344
5.607		69277	72861
5.648		432581	445962
5.705		3224378	2866555
5.787		1511	551
5.854		1835	1092
5.909		1901741	1815581

RT A	Compound A	Height A	Area A
5.94		128668	96176
5.965		403837	438887
6.077		9337	7149
6.099		25410	20605
6.15		55789	42136
6.178		359769	339699
6.331		712532	710382
6.376		49208	43567
6.531		122894	121539
6.623		1012	741
6.679	DCB	26593	27099
6.741		8191	6397
6.925		2620	870
7.107		1023	538
7.166		1747	564
7.235		1108	838
7.252		1361	404
7.297		1344	499
7.465		1599	478
7.511		1150	902
7.586		1423	448
7.691		2441	743
7.701		1624	623
7.768		1645	860
7.849		1377	563
7.975		1917	852
8.049		1497	1039
8.195		1693	913
8.228		2319	2001
8.242		1262	547
8.274		1432	539
8.286		1515	801
8.362		1651	760
8.421		1360	607
8.479		1143	365

LANCASTER LABORATORIES

Sample Number: 9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:48:08 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: 07pcbs17250009B.0036.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

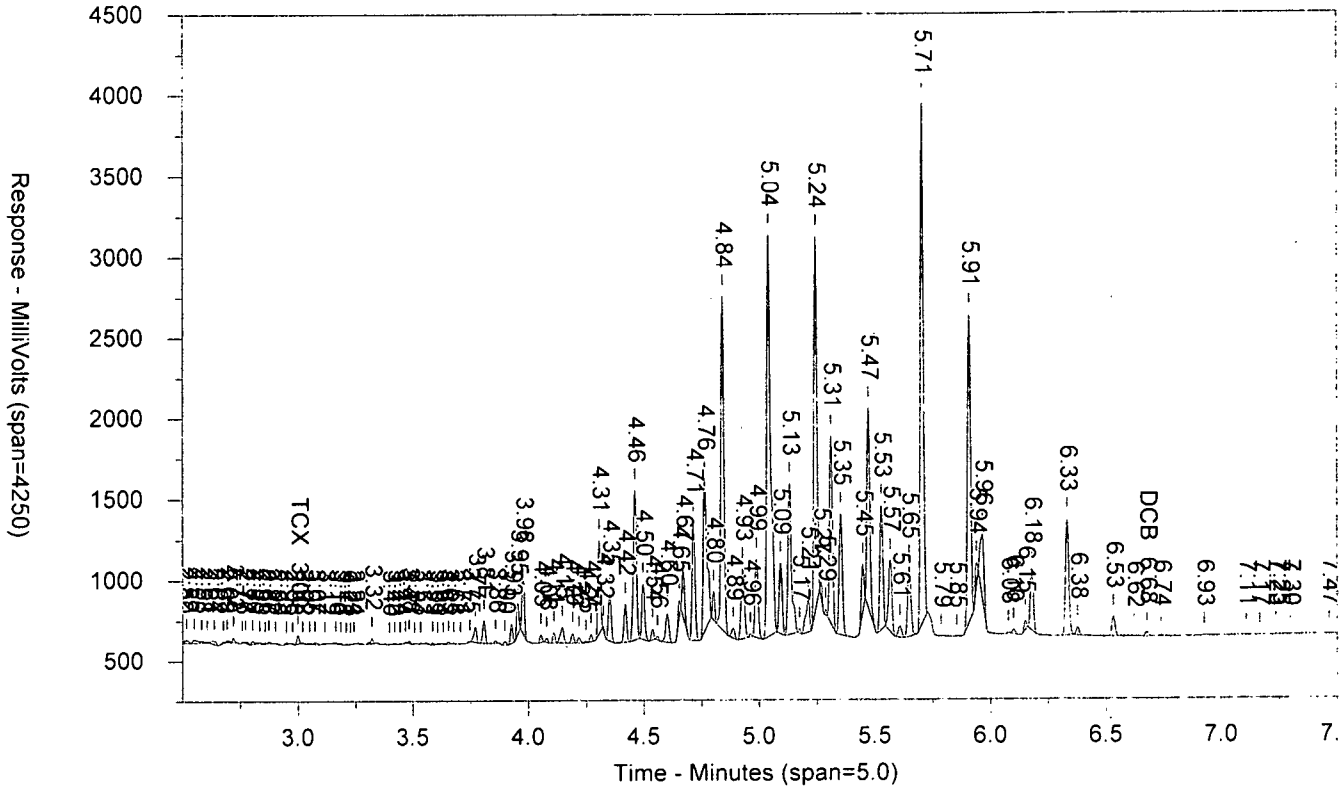
RT B	Compound B	Height B	Area A
1.527		7606	8691
1.566		3906	3604
1.615		10266	10811
1.682		7407	10850
1.711		5985	4440
1.75		9846	15371
1.772		8665	10986
1.803		7505	6889
1.832		19679	13931
1.917		6982	7381
1.939		8558	6250
1.961		10655	11116
1.993		30949	25884
2.042		15331	28992
2.061		4859	1953
2.083		9805	8968
2.106		11642	9332
2.136		12257	14890
2.204		7888	8399
2.226		5562	2938
2.247		5864	3886
2.266		10567	5763
2.326		7041	7051
2.346		12414	21142
2.401		41075	26739
2.466		3378	1339
2.48		4612	2657
2.498		4659	2490
2.524		6127	3625
2.574		11456	14467
2.6		4302	3419
2.63		3984	2468
2.651	TCX	62115	37773
2.68		2549	1238
2.712		4684	1995
2.739		8778	10308
2.796		2147	808
2.846		4582	2775
2.872		5110	6872
2.907		3248	1665
2.948		43480	37317
2.989		4258	2588
3.027		2309	1059
3.046		3476	2290
3.07		2694	2573
3.112		3402	3172
3.143		5795	2685
3.154		11163	5201
3.217		2361	937
3.262		40653	38663
3.303		17887	18399
3.351		4983	3145
3.391		3656	2171
3.422		40110	27752

3.441		111386	64328
3.471		158155	97766
3.53		23097	23061
3.564		127369	73620
3.587		263152	143527
3.605		469140	265070
3.689		61780	40060
3.713		30107	16526
3.735		84148	83372
3.765		14544	7218
3.781		85422	63187
3.82		45992	31045
3.864		48047	35917
3.896		6836	5273
3.914		707374	470601
3.94		70679	39151
3.96		223577	130408
3.979		216934	133357
4.016		988566	711129
4.047		336256	212641
4.065		61180	28249
4.086		93082	61504
4.13		35774	35533
4.161		114067	104178
4.181		59827	35311
4.218		255850	182580
4.261		272571	177869
4.28		237721	131395
4.292		652882	363515
4.318		379136	383723
4.371		2227729	1760633
4.409		68038	77880
4.441		280544	185894
4.465		604126	442717
4.509		2780747	2196720
4.611		1857033	1788431
4.664		316083	270671
4.704		603690	507202
4.74		2537842	2144579
4.773		1294413	891482
4.811		906289	712598
4.911		227607	164621
4.928		35626	18214
4.963		1514448	1171491
4.987		208274	135087
5.038		847342	763541
5.073		443774	344050
5.103		303856	243621
5.134		117412	68274
5.157		3388229	2849535
5.198		72795	52397
5.229		104027	84082
5.349		32346	20307
5.372		595048	483353
5.416		2038657	2246570
5.573		28075	24885
5.617		60859	48529
5.641		14964	8774
5.69		335422	292162
5.797		663895	575147
5.829		37452	26340
5.997		125060	108727
6.156	DCB	30329	26098
6.235		1335	1186
6.331		8048	6809
6.598		8325	7945
6.891		1004	2647

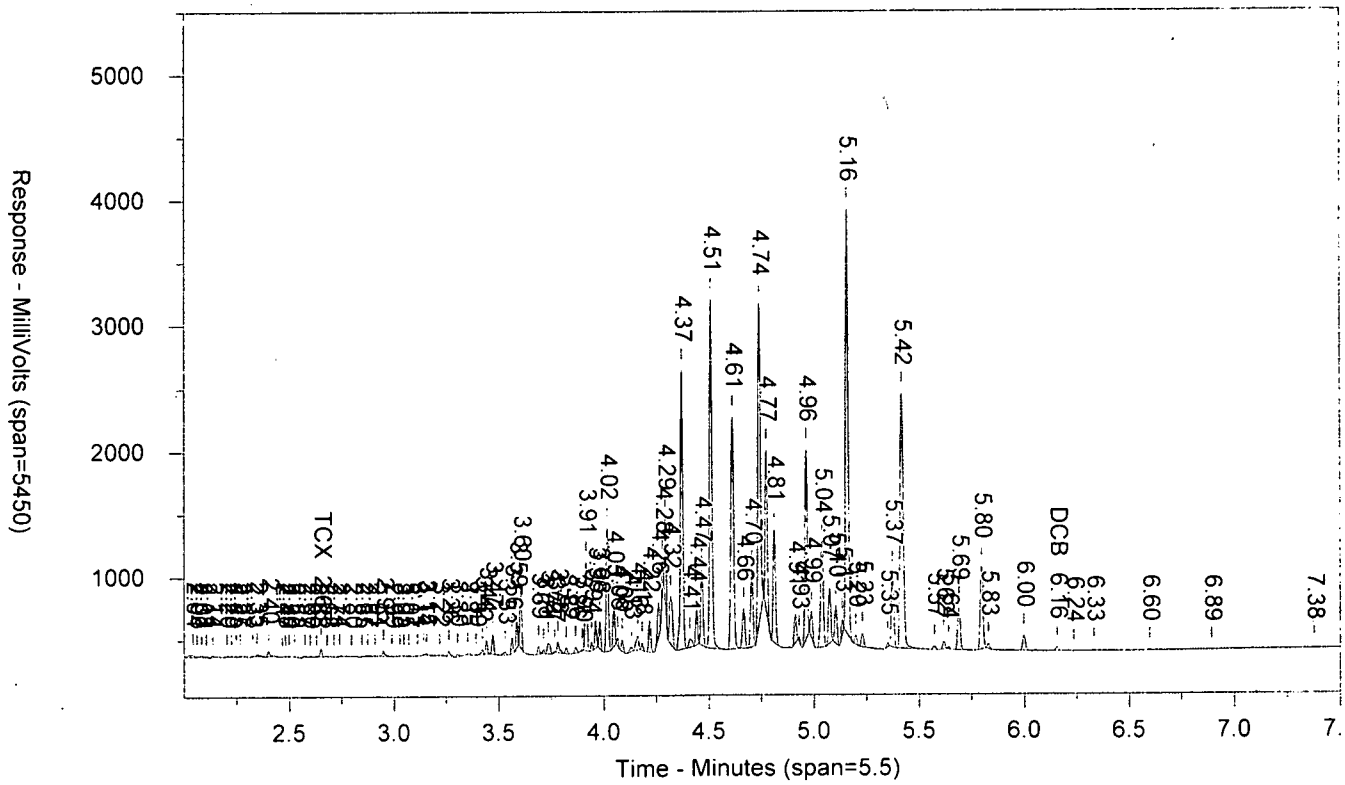
7.377	1581	2501
7.75	1742	2924
8.001	1608	2870
8.288	7279	11308

9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0036.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0036.RAW



LANCASTER LABORATORIES

Sample Number: 9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:48:08 AM
Sample Weight: 10.36
Instrument ID: CP7-19843A
Dilution Factor: 2000
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

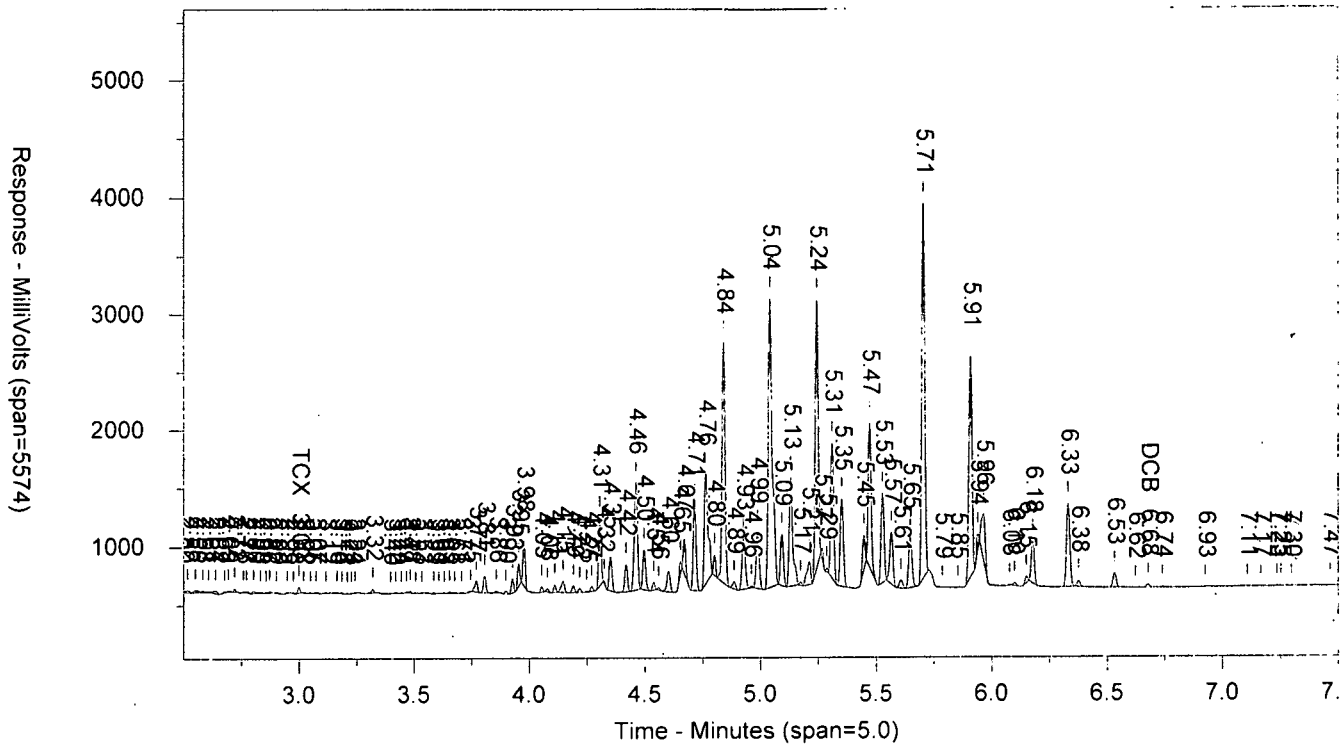
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	52301	26.675	TCX	2.651	62115	30.856	TCX
6.679	26593	38.034	DCB	6.156	30329	36.754	DCB

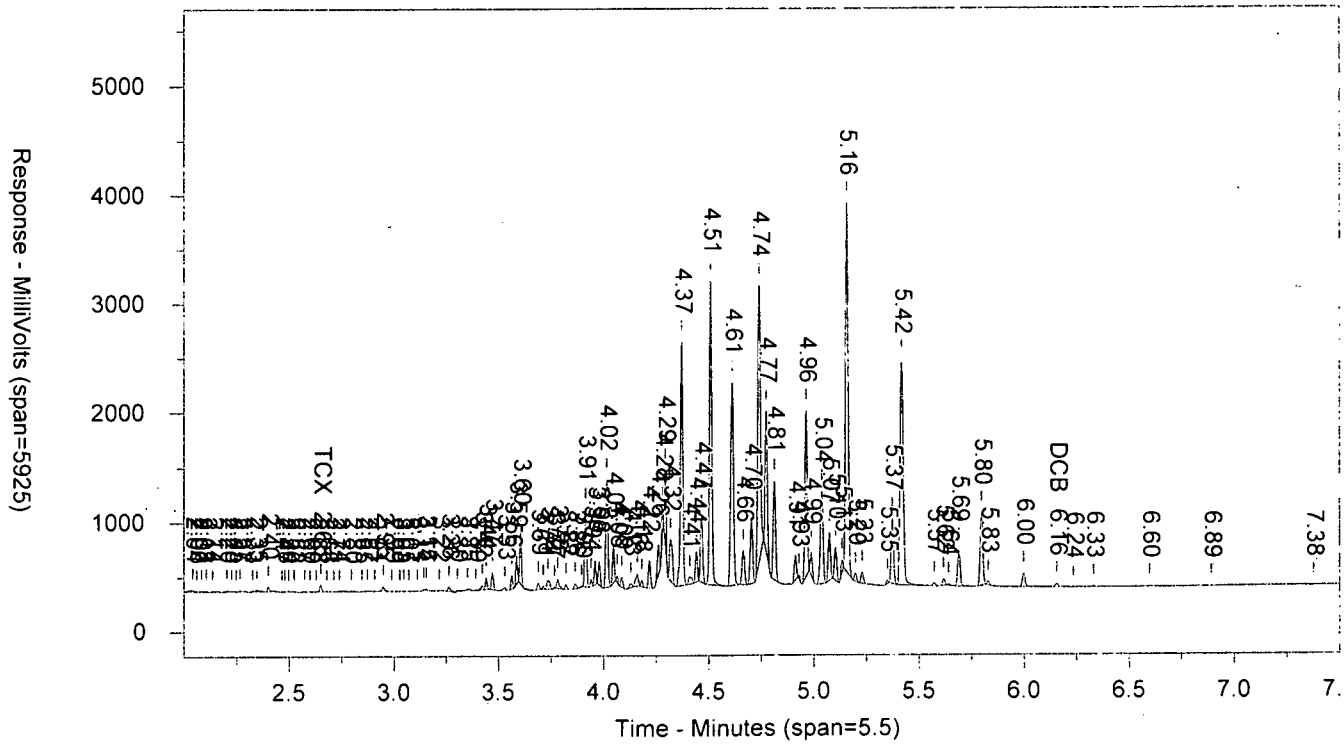
Files:
Area File: 07pcbs17250009.0036.RAW
Area File: 07pcbs17250009B.0036.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 12:56:52 AM
File Reported On: 9/19/2017 at 12:57:00 AM

9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0036.RAW

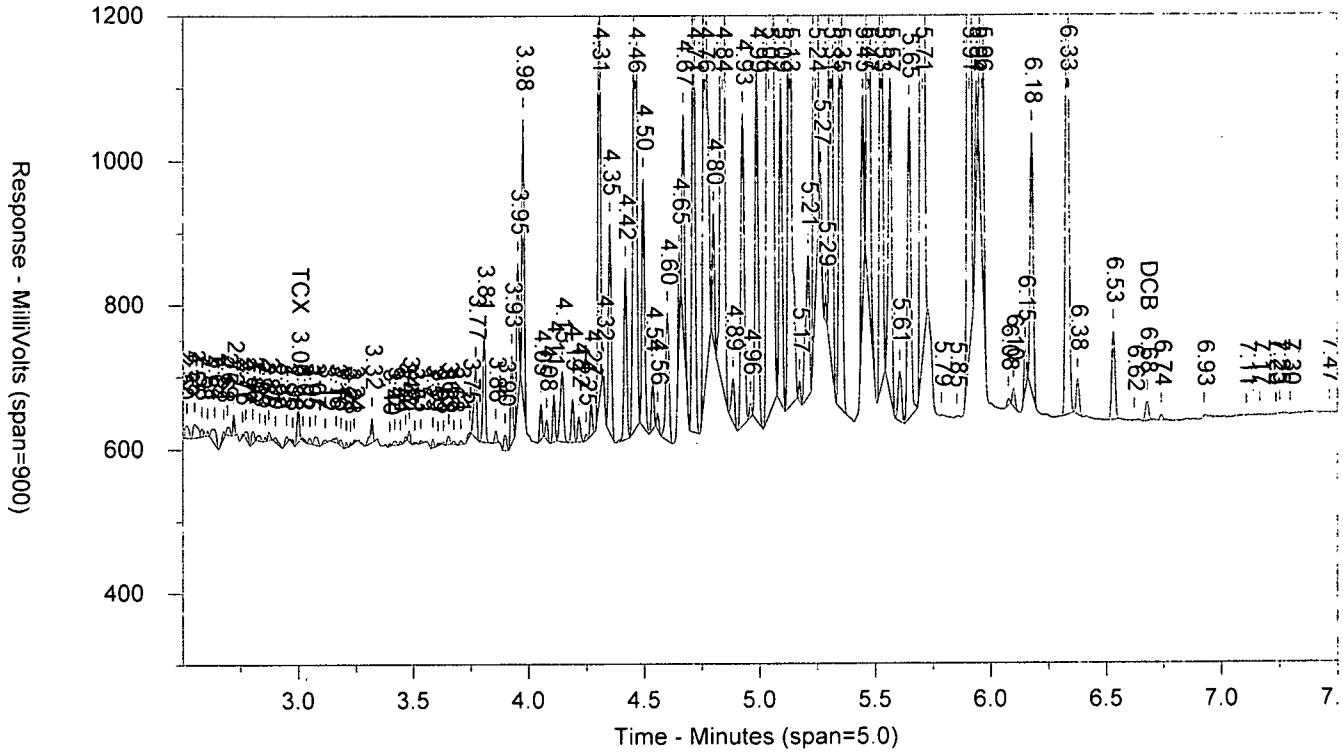


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0036.RAW

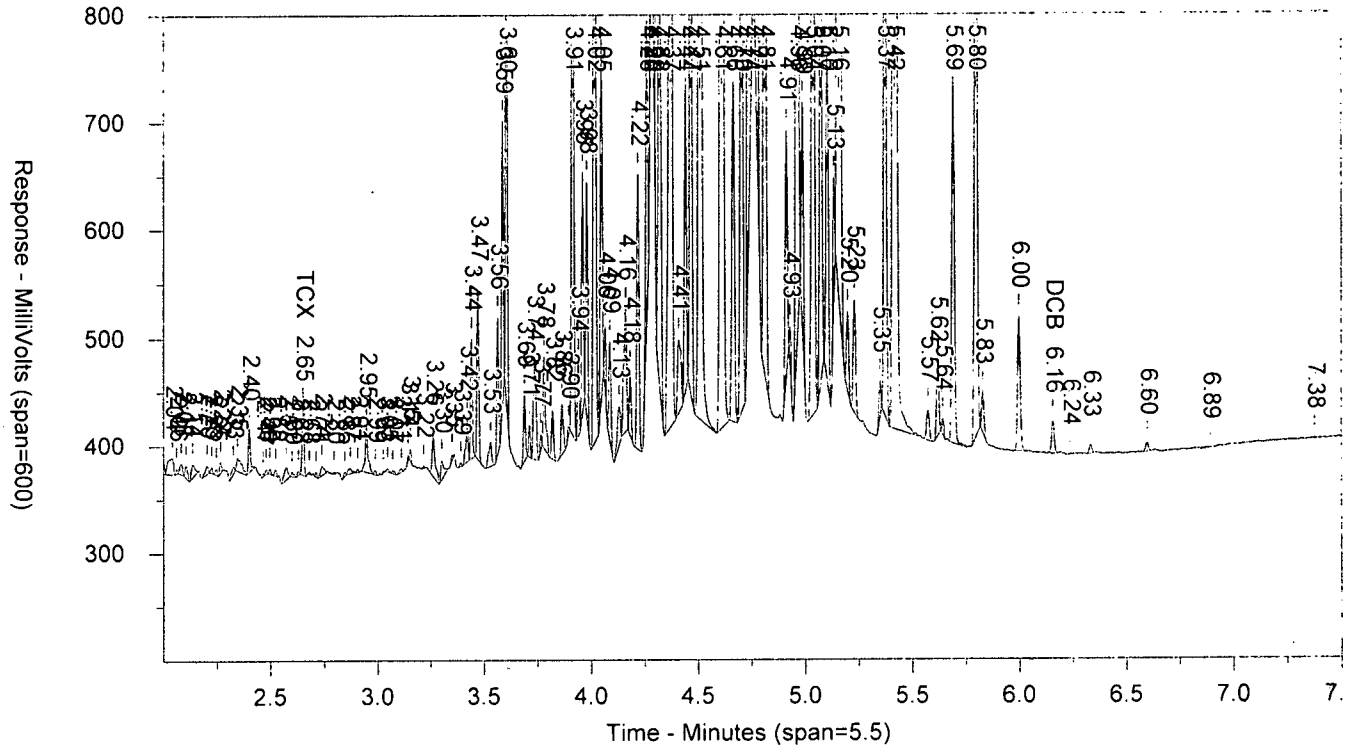


9202695 ACF DF200 AD-129E T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0036.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0036.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202696 ACF DF50 -130W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.34 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:59:40
Instrument	19843A
Result file	07PCBS17250009.0037.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 95% (61 - 152) Conc: 27.9848
%SSR(DCB) 134% (48 - 164) Conc: 35.12722

Analysis Report (B)

Injected on	Sep 19, 2017 00:59:40
Instrument	19843B
Result file	07PCBS17250009B.0037.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 92% (61 - 152) Conc: 27.25546
%SSR(DCB) 120% (48 - 164) Conc: 31.53087

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	219049	27.9848
Decachlorobiphenyl	6.65	6.68	6.71	98053	35.12722

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	219044	27.25546
Decachlorobiphenyl	6.13	6.16	6.19	103876	31.53087

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	27.9848				2.64	
☑	Tetrachloro-m-xylene-D1	A	27.9848					
☑	Tetrachloro-m-xylene-D2	B	27.25546					
☐	Decachlorobiphenyl	A	35.12722				10.79	
☑	Decachlorobiphenyl-D1	A	35.12722					
☑	Decachlorobiphenyl-D2	B	31.53087					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.11**	
4.82	4.84	4.86	2939699	9766.946298			1
5.02	5.04	5.06	3331163	11275.103654			2
5.23	5.25	5.27	3183354	11355.270314			3
5.45	5.47	5.49	1733166	10676.028651			4
5.69	5.71	5.73	4614240	11606.357473			5
5.89	5.91	5.93	2786063	10715.938197			6

Height summation: **18587685**
Concentration CF: **10899.274098** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**7.98**	
4.35	4.37	4.39	3045609	9881.822198			1
4.49	4.51	4.53	3706110	10482.59927			2
4.60	4.61	4.64	2580845	9027.826896			3
4.72	4.74	4.76	3758942	10896.161132			4
5.14	5.16	5.18	4974390	11168.329717			5
5.40	5.42	5.44	2923400	11083.505301			6

Height summation: **20989296**
Concentration CF: **10423.374086** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2466.151	<478.7234	D1		4	
☑	PCB-1221			<2466.151	<739.8453	D1		3	
☑	PCB-1232			<2466.151	<594.7776	D1		4	
☑	PCB-1242			<2466.151	<594.7776	D1		4	
☑	PCB-1248			<2466.151	<478.7234	D1		4	
☑	PCB-1254			<2466.151	<638.2979	~~D1~~ D2		4	
☑	PCB-1260	B	10423.374086	2466.151	565.764	D2	4.46	4	

Units: ug/kg

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

KTO 9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:20

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202696 ACF DF50 -130W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.34 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0037.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 95% (61-152) Conc.: 27.9848
%SSR(DCB) : 134% (48-164) Conc.: 35.12722

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**117.09**	
3.23	3.25	3.27	12250.3	90.104861			1
+ 3.45	3.45	3.49	2566.503	18.442422			2
+ 3.45	3.47	3.49	9176.823	65.942975			2
3.45	3.48	3.49	10293.47	73.966996			2
3.56	3.58	3.60	18926.08	114.0841			3
+ 3.74	3.75	3.78	4623.786	28.46812			4
3.74	3.77	3.78	61777.64	380.357841			4
3.78	3.81	3.82	76286.84	400.211182			5
3.91	3.93	3.95	147445.7	1261.039089			6
Height Summation:			**326980.03**				
Amount Avg CF:			**386.627345**	Linear:			
Aroclor-1221					**3**	**62.78**	
3.13	3.15	3.17	2440.719	38.773627			1
3.18	3.21	3.22	8090.229	140.506413			2
3.23	3.25	3.27	12250.3	69.851505			3
Height Summation:			**22781.248**				
Amount Avg CF:			**83.043849**	Linear:			
Aroclor-1232					**6**	**132.19**	
3.23	3.25	3.27	12250.3	76.803736			1
+ 3.45	3.45	3.49	2566.503	38.533927			2
+ 3.45	3.47	3.49	9176.823	137.782432			2
3.45	3.48	3.49	10293.47	154.547966			2
3.56	3.58	3.60	18926.08	237.14761			3
+ 3.74	3.75	3.78	4623.786	61.761734			4
3.74	3.77	3.78	61777.64	825.188318			4
3.78	3.81	3.82	76286.84	816.551231			5
3.91	3.93	3.95	147445.7	3135.10083			6
Height Summation:			**326980.03**				
Amount Avg CF:			**874.223282**	Linear:			
Aroclor-1242					**6**	**122.62**	
3.23	3.25	3.27	12250.3	67.294688			1
+ 3.45	3.45	3.49	2566.503	14.024194			2
+ 3.45	3.47	3.49	9176.823	50.145098			2
3.45	3.48	3.49	10293.47	56.246815			2
3.56	3.58	3.60	18926.08	86.761376			3
+ 3.74	3.75	3.78	4623.786	19.236695			4
3.74	3.77	3.78	61777.64	257.018294			4
3.78	3.81	3.82	76286.84	289.32855			5
3.91	3.93	3.95	147445.7	990.763971			6
Height Summation:			**326980.03**				
Amount Avg CF:			**291.235615**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0037.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 92% (61-152) Conc.: 27.25546
%SSR(DCB) : 120% (48-164) Conc.: 31.53087

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**117.75**	
2.92	2.95	2.96	43351.5	311.687148			1
3.12	3.14	3.16	19536.47	110.444423			2
3.25	3.26	3.29	29588.93	169.231334			3
+ 3.40	3.42	3.44	40780.18	217.621108			4
* 3.40	3.44	3.44	58772.36	313.635351			4
+* 3.44	3.44	3.48	58772.36	333.926923			5
3.44	3.47	3.48	73623.29	418.305454			5
+ 3.57	3.59	3.61	213536.9	1472.972152			6
3.57	3.61	3.61	244329.7	1685.38011			6
Height Summation:			**469202.25**				
Amount Avg CF:			**501.447303**	Linear:			
Aroclor-1221					**3**	**63.82**	
2.80	2.82	2.84	7066.887	93.282587			1
2.86	2.87	2.90	3626.745	76.320434			2
2.92	2.95	2.96	43351.5	232.082589			3
Height Summation:			**54045.132**				
Amount Avg CF:			**133.895203**	Linear:			
Aroclor-1232					**6**	**138.71**	
2.92	2.95	2.96	43351.5	254.765477			1
3.12	3.14	3.16	19536.47	218.751054			2
3.25	3.26	3.29	29588.93	342.542414			3
+ 3.40	3.42	3.44	40780.18	472.890372			4
+* 3.44	3.44	3.48	58772.36	669.253108			5
* 3.40	3.44	3.44	58772.36	681.529194			4
3.44	3.47	3.48	73623.29	838.363742			5
+ 3.57	3.59	3.61	213536.9	3503.433891			6
3.57	3.61	3.61	244329.7	4008.641839			6
Height Summation:			**469202.25**				
Amount Avg CF:			**1057.432287**	Linear:			
Aroclor-1242					**6**	**120.32**	
2.92	2.95	2.96	43351.5	225.390751			1
3.12	3.14	3.16	19536.47	125.075526			2
3.25	3.26	3.29	29588.93	129.470217			3
+ 3.40	3.42	3.44	40780.18	149.874313			4
+* 3.44	3.44	3.48	58772.36	241.25657			5
* 3.40	3.44	3.44	58772.36	215.99873			4
3.44	3.47	3.48	73623.29	302.218635			5
+ 3.57	3.59	3.61	213536.9	1165.261745			6
3.57	3.61	3.61	244329.7	1333.29674			6
Height Summation:			**469202.25**				
Amount Avg CF:			**388.5751**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202696** ACF DF50 -130W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.34 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0037.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	134.67	
3.78	3.81	3.82	76286.84	811.85512			1
3.84	3.86	3.88	21367.4	213.759463			2
3.91	3.93	3.95	147445.7	885.870306			3
4.03	4.05	4.07	64425.39	342.794077			4
4.12	4.15	4.16	82560.02	507.382204			5
4.30	4.31	4.34	779543.6	4485.144458			6
+ 4.30	4.33	4.34	34222.16	196.898969			6
Height Summation:			**1171628.95**				
Amount Avg CF:			**1207.800938**	Linear:			
Aroclor-1254					6	95.13	
4.29	4.31	4.32	779543.6	4159.55921			1
+ 4.63	4.65	4.67	161161.9	810.855532			2
4.63	4.67	4.67	338860.3	1704.911328			2
4.69	4.72	4.73	1058079	2516.358733			3
4.91	4.93	4.95	614311.8	2389.985391			4
5.11	5.13	5.15	1353212	9201.222918			5
5.23	5.25	5.27	3183354	16477.195202			6
Height Summation:			**7327360.7**				
Amount Avg CF:			**6074.87213**	Linear:			
Aroclor-1260					6	6.11	
4.82	4.84	4.86	2939699	9766.946298			1
5.02	5.04	5.06	3331163	11275.103654			2
5.23	5.25	5.27	3183354	11355.270314			3
5.45	5.47	5.49	1733166	10676.028651			4
5.69	5.71	5.73	4614240	11606.357473			5
5.89	5.91	5.93	2786063	10715.938197			6
Height Summation:			**18587685**				
Amount Avg CF:			**10899.274098**	Linear:			
Aroclor-1262					6	32.80	
5.29	5.31	5.33	1526289	6336.976811			1
5.45	5.47	5.49	1733166	8094.524191			2
E 5.69	5.71	5.73	4614240	9821.449539			3
5.89	5.91	5.93	2786063	8688.451957			4
5.95	5.97	5.99	501177	3106.242608			5
6.31	6.33	6.35	990727	6847.942326			6
Height Summation:			**12151662**				
Amount Avg CF:			**7149.264572**	Linear:			
Aroclor-1268					6	99.08	
5.89	5.91	5.93	2786063	4843.357175			1
5.95	5.97	5.99	501177	1007.557035			2
6.08	6.10	6.12	40378.2	84.586833			3
+ 6.14	6.15	6.18	72099.42	575.27305			4
6.14	6.18	6.18	485084.9	3870.437098			4
6.31	6.33	6.35	990727	6734.92925			5
6.51	6.53	6.55	187643.3	193.804005			6
Height Summation:			**4991073.4**				
Amount Avg CF:			**2789.111899**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0037.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	114.17	
+ 3.44	3.44	3.48	58772.36	729.089939			1
3.44	3.47	3.48	73623.29	913.320479			1
3.51	3.53	3.55	26782.52	242.363013			2
3.55	3.56	3.59	165612.7	870.310185			3
3.67	3.69	3.71	76277.62	333.390234			4
+ 3.76	3.77	3.80	25413.5	160.636995			5
3.76	3.78	3.80	59232.84	374.406728			5
3.90	3.92	3.94	976185.9	3243.768683			6
Height Summation:			**1377714.87**				
Amount Avg CF:			**996.259887**	Linear:			
Aroclor-1254					6	106.71	
4.20	4.22	4.24	350461.2	1468.453277			1
+ 4.26	4.26	4.30	333328.2	789.901121			2
+ 4.26	4.28	4.30	477843.1	1132.36384			2
4.26	4.29	4.30	842543.1	1996.607966			2
4.35	4.37	4.39	3045609	15365.156317			3
4.42	4.44	4.46	422798.7	1622.108961			4
4.64	4.67	4.68	459600.3	2504.585357			5
4.72	4.74	4.76	3758942	12928.603646			6
Height Summation:			**8879954.3**				
Amount Avg CF:			**5980.919254**	Linear:			
Aroclor-1260					6	7.98	
4.35	4.37	4.39	3045609	9881.822198			1
4.49	4.51	4.53	3706110	10482.59927			2
4.60	4.61	4.64	2580845	9027.826896			3
4.72	4.74	4.76	3758942	10896.161132			4
5.14	5.16	5.18	4974390	11168.329717			5
5.40	5.42	5.44	2923400	11083.505301			6
Height Summation:			**20989296**				
Amount Avg CF:			**10423.374086**	Linear:			
Aroclor-1262					6	27.34	
4.76	4.77	4.80	1757951	5211.598808			1
4.95	4.96	4.99	2075492	6612.019014			2
5.14	5.16	5.18	4974390	8588.663932			3
5.36	5.37	5.40	828306.9	3954.161094			4
5.40	5.42	5.44	2923400	8273.368037			5
5.78	5.80	5.82	947637	6266.243373			6
Height Summation:			**13507176.9**				
Amount Avg CF:			**6484.342376**	Linear:			
Aroclor-1268					6	123.90	
5.36	5.37	5.40	828306.9	1380.11947			1
5.40	5.42	5.44	2923400	5080.255208			2
5.56	5.57	5.60	42537.27	88.417176			3
5.62	5.64	5.66	22415.6	191.399448			4
5.78	5.80	5.82	947637	5745.746008			5
5.98	6.00	6.02	187710.3	165.378924			6
Height Summation:			**4952007.07**				
Amount Avg CF:			**2108.552706**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202696 ACF DF50 -130W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.34 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0037.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 00:59:40
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0037.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			2466.151	478.7234		25.86	4	40	
Aroclor-1221			2466.151	739.8453		** 46.88	3	40	
Aroclor-1232			2466.151	594.7776		18.97	4	40	
Aroclor-1242			2466.151	594.7776		28.64	4	40	
Aroclor-1248			2466.151	478.7234		19.20	4	40	
Aroclor-1254			2466.151	638.2979		1.56	4	40	
Aroclor-1260			2466.151	565.764		4.46	4	40	
Aroclor-1262			2466.151	478.7234	E	9.75	4	40	
Aroclor-1268			2466.151	478.7234		27.79	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:59:40 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: 07pcbs17250009.0037.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.587		3362	4396
1.641		133345	174788
1.695		27467	43400
1.747		62223	71695
1.794		26468	33640
1.817		49272	63185
1.847		21126	15871
1.876		20920	17937
1.894		22788	20709
1.918		20942	21759
1.941		18025	21867
1.966		15512	18555
1.986		19670	18465
2.005		22439	18465
2.03		12793	8446
2.051		15626	11623
2.068		26424	25793
2.089		15072	12274
2.113		47147	55138
2.139		21213	19579
2.16		30384	27594
2.175		34624	37964
2.198		21585	17795
2.215		25966	31906
2.242		18567	19043
2.27		162529	122289
2.29		23468	31688
2.323		11305	8158
2.341		18289	24510
2.38		33891	27860
2.396		17624	9156
2.415		15608	9743
2.446		26996	27998
2.465		26138	30409
2.496		19005	24061
2.516		17928	21956
2.549		18284	24235
2.588		17699	16415
2.605		8589	4806
2.625		15366	23340
2.691		5208	2833
2.721		89702	51611
2.759		2574	833
2.773		7447	5991
2.809		5342	6803
2.84		7032	4201
2.872		11257	7933
2.901		7170	5136
2.922		1994	1032
2.962		18239	26272
3	TCX	219049	142810
3.045		5348	6033
3.073		7051	4530

RT A	Compound A	Height A	Area A
3.151		2441	3599
3.209		8090	4279
3.224		4177	1393
3.254		12250	19169
3.308		10166	7573
3.32		43332	22590
3.343		5509	3414
3.397		2939	1676
3.419		5721	4393
3.45		2567	2115
3.467		9177	5210
3.484		10293	6123
3.504		2258	990
3.536		4081	2744
3.582		18926	12662
3.61		3766	1984
3.656		17875	13543
3.678		4057	2632
3.747		4624	7210
3.771		61778	58729
3.808		76287	62379
3.859		21367	14614
3.901		14819	11283
3.929		147446	105416
3.956		135084	90380
3.978		185906	120852
3.997		9412	3656
4.055		64425	43687
4.08		34795	24855
4.111		68876	48800
4.146		82560	89620
4.191		28558	23228
4.219		17691	11950
4.249		6624	3485
4.272		40256	27220
4.308		779544	608518
4.326		34222	15077
4.352		250061	214957
4.394		2260	1005
4.421		254486	209741
4.463		1144468	1109690
4.498		312630	259679
4.539		52669	37850
4.561		40427	26759
4.603		249668	243995
4.655		161162	110640
4.672		338860	256985
4.716		1058079	930509
4.765		1282240	1391967
4.802		293266	195256
4.842		2939699	2619049
4.888		79565	70831
4.93		614312	630641
4.964		27932	18435
4.99		579441	536423
5.042		3331163	3942289
5.094		567756	525143
5.133		1353212	1415851
5.175		33013	19367
5.213		268574	320621
5.246		3183355	2885674
5.269		120760	61295
5.288		57949	26245
5.312		1526289	1380407
5.354		995526	946132
5.449		415337	326587

RT A	Compound A	Height A	Area A
5.473		1733166	1483870
5.529		1047334	920789
5.568		618994	582082
5.609		88600	101396
5.651		585419	577424
5.676		4859	2052
5.707		4614240	4099836
5.732		32046	52982
5.811		7561	5712
5.856		2141	1217
5.911		2786063	2530056
5.942		175121	133883
5.966		501177	553744
6.076		11101	7970
6.1		40378	33211
6.152		72099	58247
6.179		485085	451494
6.239		4061	3847
6.284		1789	1459
6.333		990727	970489
6.378		74384	68040
6.415		2730	2051
6.43		2459	1319
6.478		2462	2741
6.534		187643	176178
6.562		6864	4605
6.609		1759	694
6.682	DCB	98053	93822
6.714		3965	1940
6.741		4610	3799
6.82		1481	389
6.85		2819	2628
6.888		3911	2786
6.933		99966	119289
6.983		2718	997
7.011		1856	358
7.045		6289	5426
7.103		1539	1019
7.147		1392	1187
7.198		1288	873
7.238		1846	649
7.265		1756	1958
7.31		3536	2823
7.356		1877	620
7.385		2989	2062
7.414		3296	2299
7.531		3320	10752
7.581		3856	3290
7.619		2833	2630
7.667		1997	1030
7.722		1901	686
7.807		1852	1628
7.863		4813	7489
7.905		1315	759
7.937		1370	1129
7.967		1248	451
8.043		2453	1462
8.072		1702	886
8.11		2083	1518
8.176		8085	15580
8.23		1811	1494
8.245		1750	721
8.302		1466	792
8.351		1371	679
8.429		1399	936
8.463		1604	944

RT A	Compound A	Height A	Area A
8.589		1934	686

LANCASTER LABORATORIES

Sample Number: 9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:59:40 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: 07pcbs17250009B.0037.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

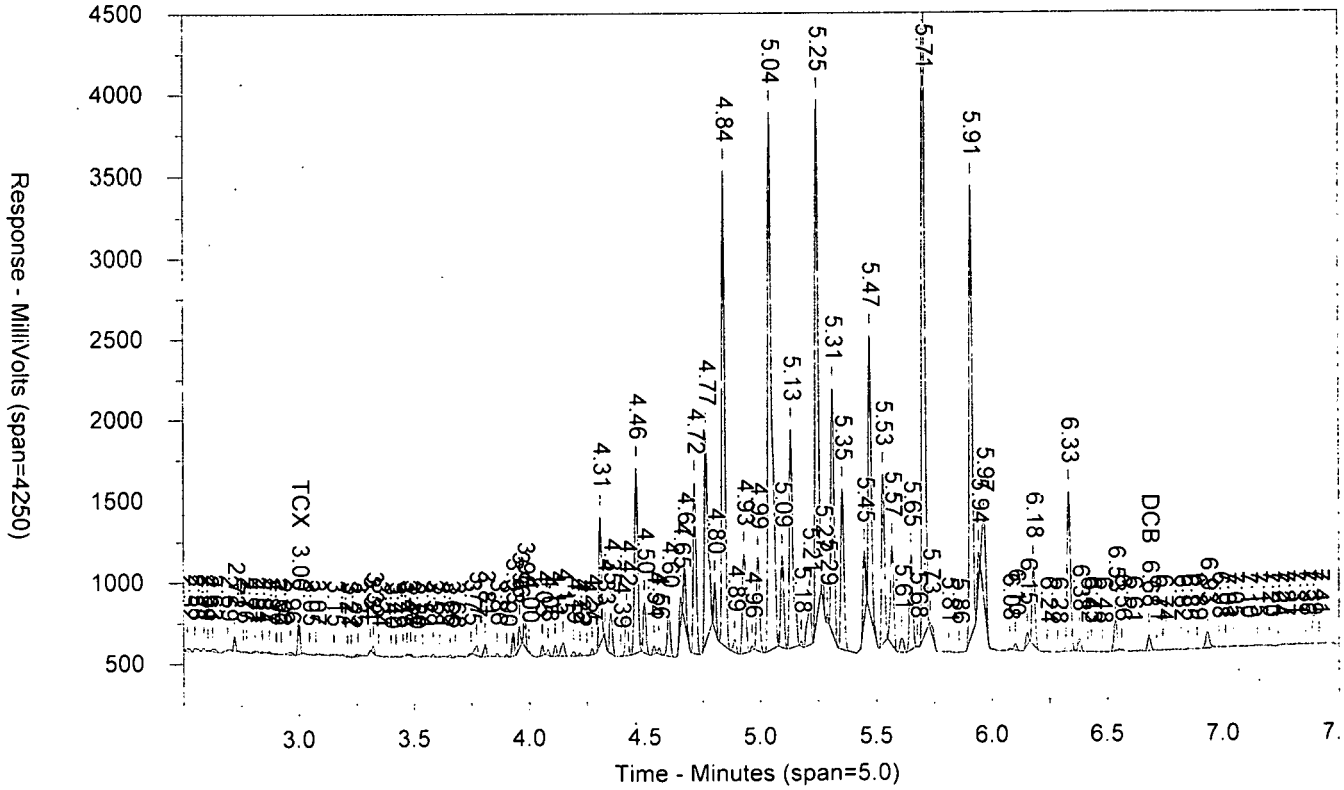
RT B	Compound B	Height B	Area A
1.51		37620	27519
1.526		44085	38503
1.615		10497	7108
1.682		9836	11934
1.714		12747	10868
1.756		10442	18977
1.772		10547	13565
1.803		7774	7320
1.832		29685	31972
1.863		8012	6033
1.895		15707	13082
1.916		8230	8146
1.939		8711	5895
1.964		8859	8297
1.993		146199	106995
2.031		13380	25732
2.059		8374	5763
2.085		5805	4357
2.104		7674	6173
2.136		9223	11175
2.199		8259	8809
2.225		6521	3954
2.25		4366	2400
2.266		10365	5686
2.299		2475	883
2.345		5164	2507
2.401		89185	57683
2.452		2308	1816
2.468		3062	3130
2.5		3851	3557
2.525		2806	1323
2.574		6316	5795
2.613		3427	3915
2.651	TCX	219044	134837
2.691		3646	3021
2.736		5164	6364
2.781		2304	1286
2.82		7067	4734
2.847		4889	3748
2.868		3627	3188
2.906		4170	2776
2.948		43352	20206
2.959		15490	5815
3.007		2762	1432
3.046		4557	5991
3.07		3952	4459
3.143		19536	30255
3.188		1979	1464
3.215		4912	3371
3.263		29589	19860
3.303		14135	10931
3.362		17869	17657
3.392		4104	2915
3.422		40780	28470

3.441	58772	31875
3.472	73623	41729
3.531	26783	21467
3.564	165613	99674
3.588	213537	117757
3.606	244330	130651
3.637	23362	12163
3.691	76278	47223
3.714	38766	20256
3.735	78956	66135
3.766	25414	13267
3.782	59233	39019
3.822	33654	25627
3.865	44959	37240
3.895	18563	10661
3.916	976186	636475
3.941	110312	61887
3.961	146855	83436
3.98	245151	152720
4.017	1220384	844750
4.048	298672	187318
4.066	102018	50980
4.088	53661	31404
4.129	38977	31923
4.162	176753	162637
4.183	33126	24445
4.219	350461	250319
4.262	333328	220325
4.28	477843	241103
4.294	842543	455299
4.319	530764	522123
4.373	3045609	2326579
4.411	83302	91909
4.442	422799	281258
4.467	742110	544942
4.509	3706111	2870663
4.613	2580845	2507714
4.665	459600	394821
4.705	797136	687214
4.741	3758942	3022154
4.775	1757951	1206753
4.813	1238814	956015
4.884	9195	8237
4.913	310599	228320
4.929	44295	23366
4.965	2075492	1621509
4.988	299836	195650
5.039	1154854	1029788
5.074	580943	460586
5.104	427621	335286
5.136	164012	98549
5.158	4974391	4029784
5.2	104492	76577
5.231	149411	122917
5.269	5013	3999
5.351	44796	26888
5.373	828307	667392
5.419	2923400	3053982
5.574	42537	36382
5.619	85793	63973
5.643	22416	14294
5.665	6746	3438
5.692	451817	390310
5.799	947637	806480
5.83	56060	40900
5.999	187710	165381
6.11	1650	2103

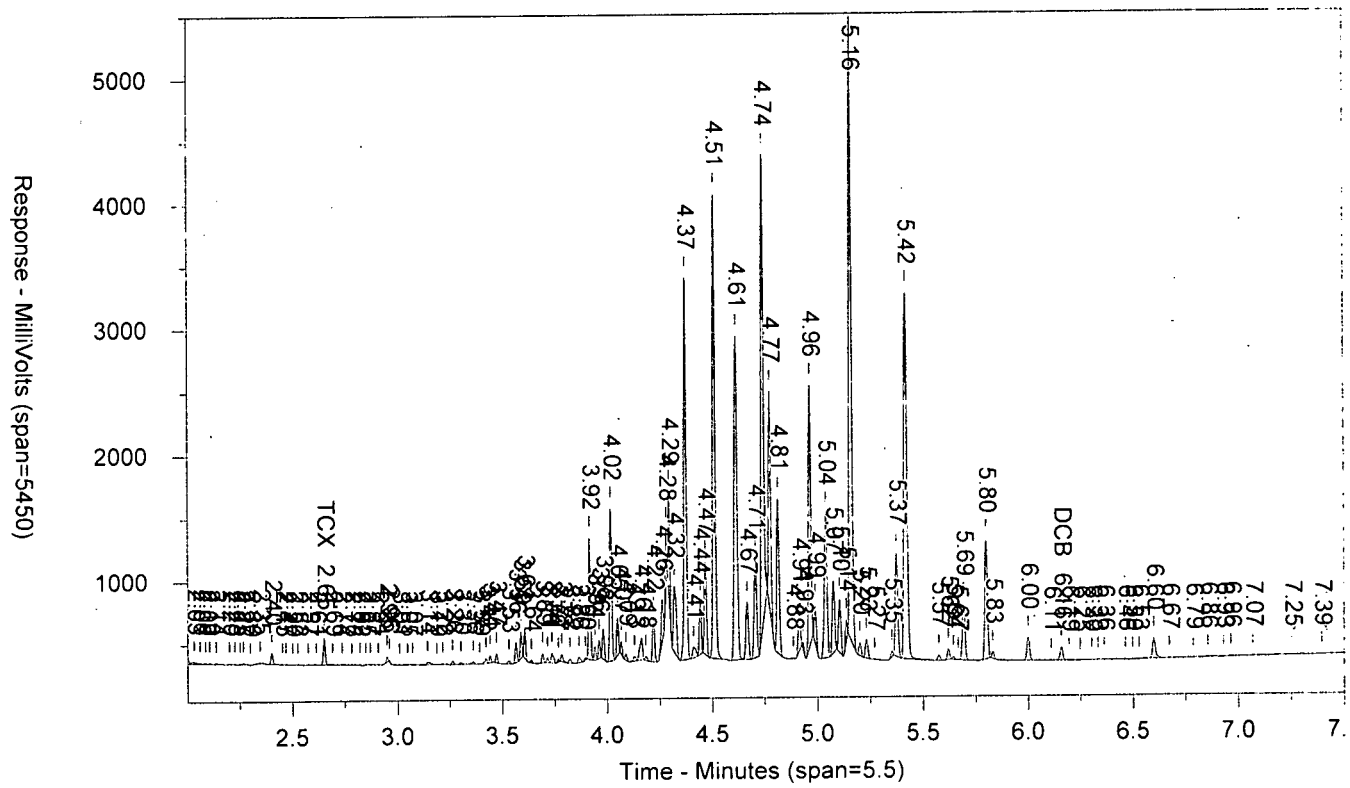
6.158	DCB	103876	94890
6.194		4399	6249
6.248		1886	2445
6.303		1184	3555
6.333		5098	3510
6.363		4935	4533
6.463		3169	3278
6.497		1737	1270
6.529		2593	3007
6.599		162618	162162
6.674		5172	4192
6.786		1840	2794
6.855		3269	5830
6.93		2788	3853
6.964		5575	6464
7.067		5434	5931
7.253		1297	875
7.394		1919	7133
7.622		1646	4898
7.69		1939	3410
7.733		12952	17178
8.032		2265	4322
8.19		8681	14234
8.296		7252	12529
8.512		13290	25634
8.658		1655	1255

9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0037.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0037.RAW



LANCASTER LABORATORIES

Sample Number: 9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:59:40 AM
Sample Weight: 10.34
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

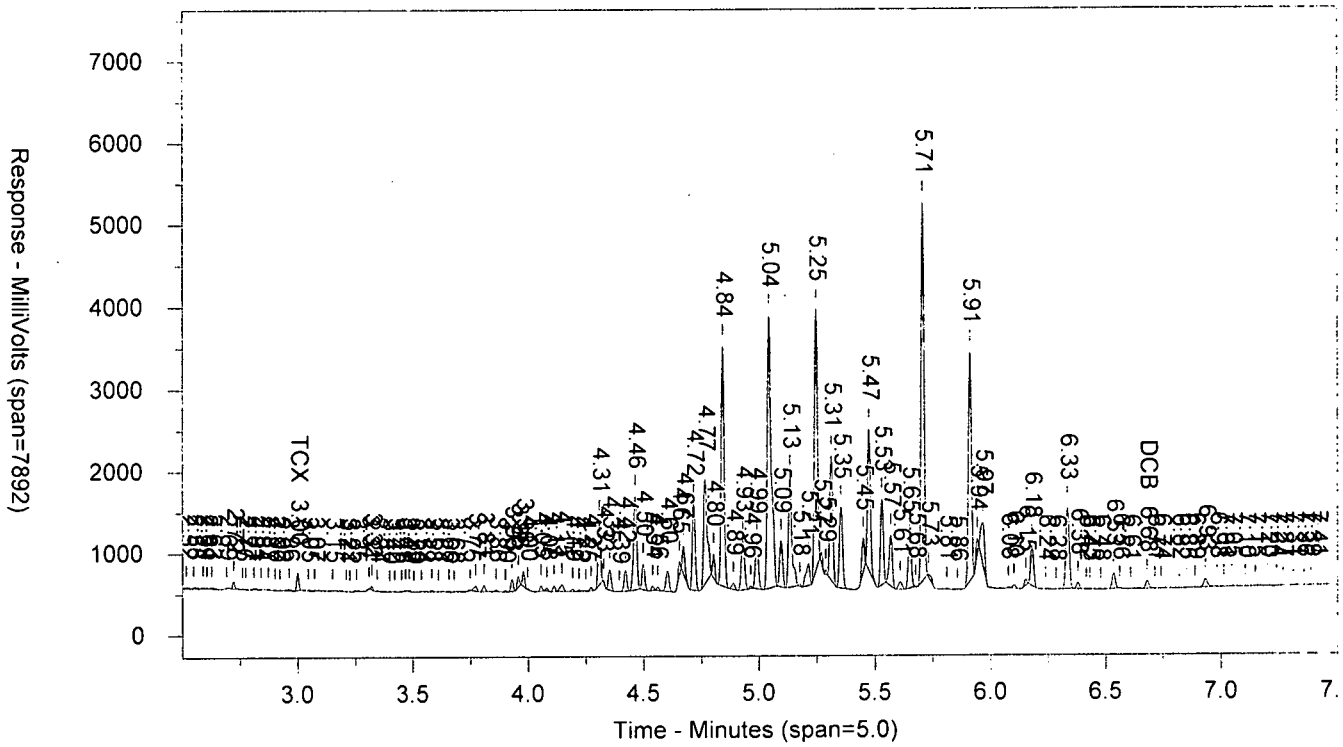
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	219049	27.985	TCX	2.651	219044	27.255	TCX
6.682	98053	35.127	DCB	6.158	103876	31.531	DCB

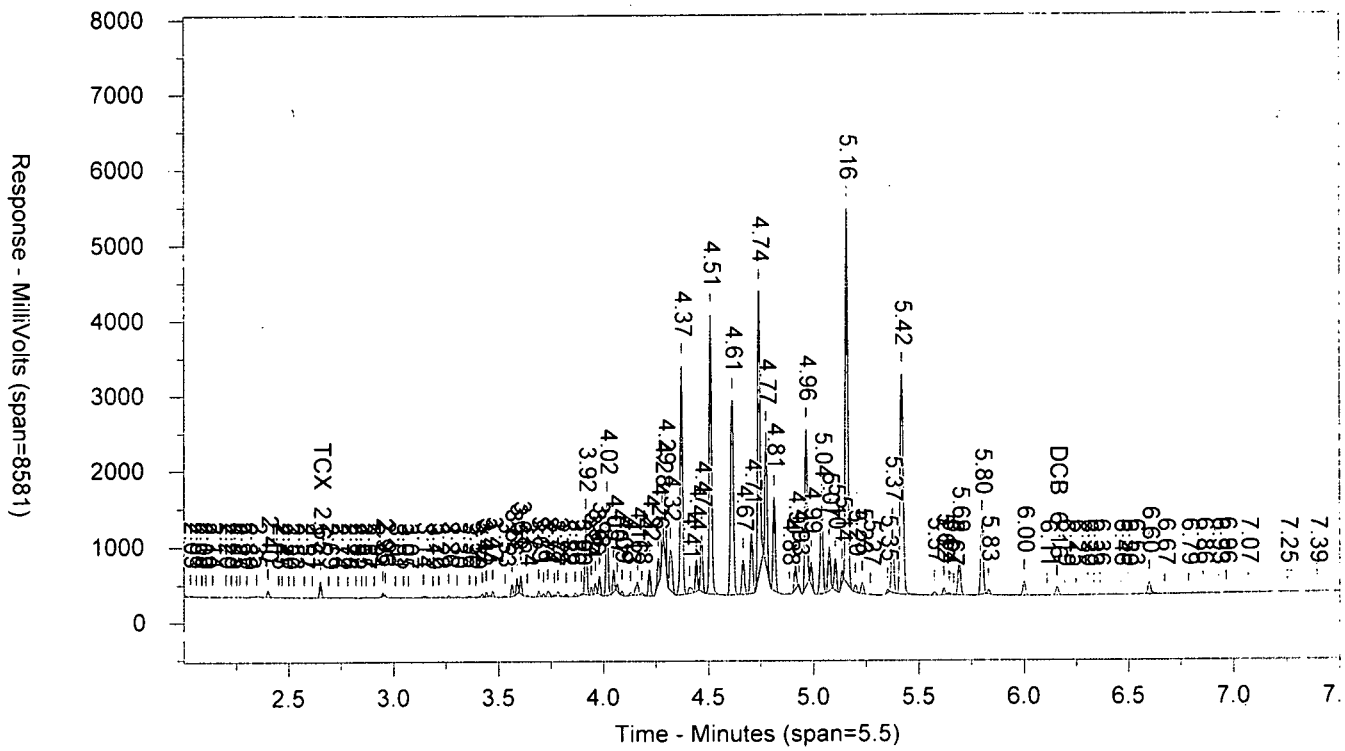
Files:
Area File: 07pcbs17250009.0037.RAW
Area File: 07pcbs17250009B.0037.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 1:08:23 AM
File Reported On: 9/19/2017 at 1:08:36 AM

9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0037.RAW

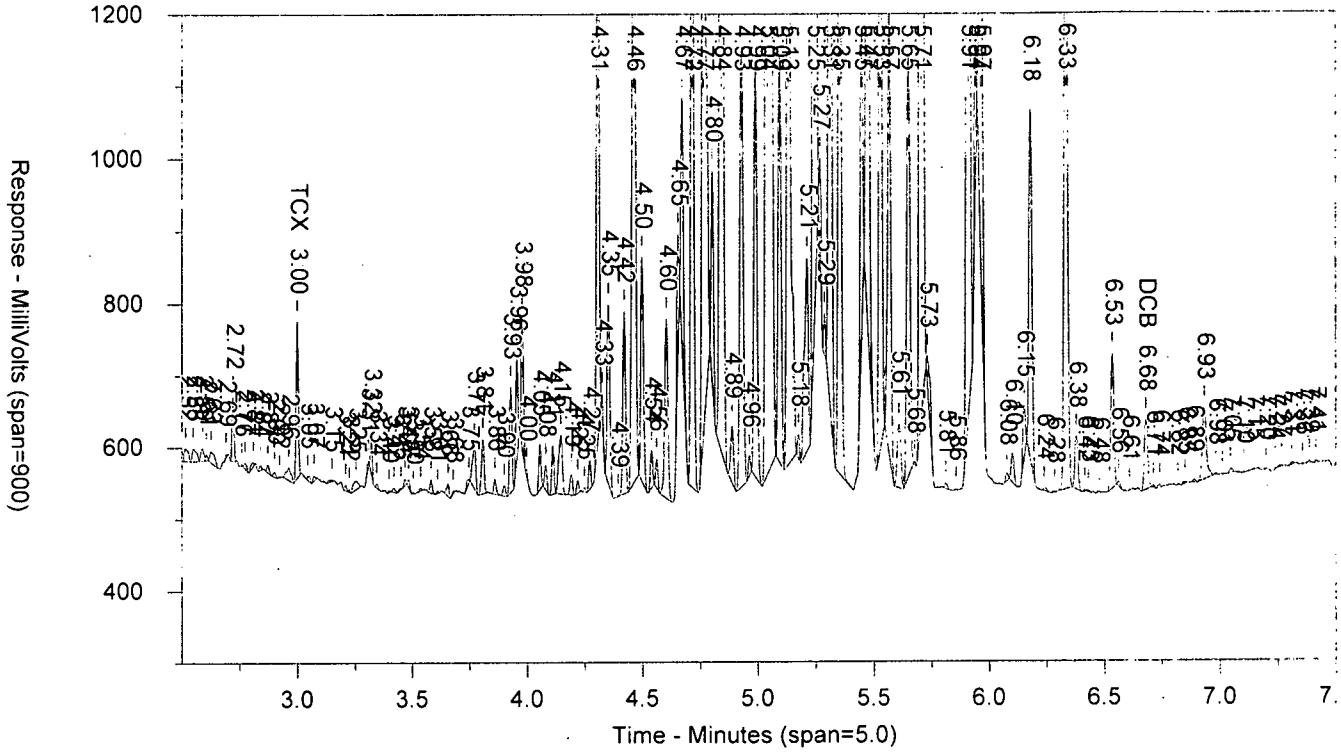


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0037.RAW

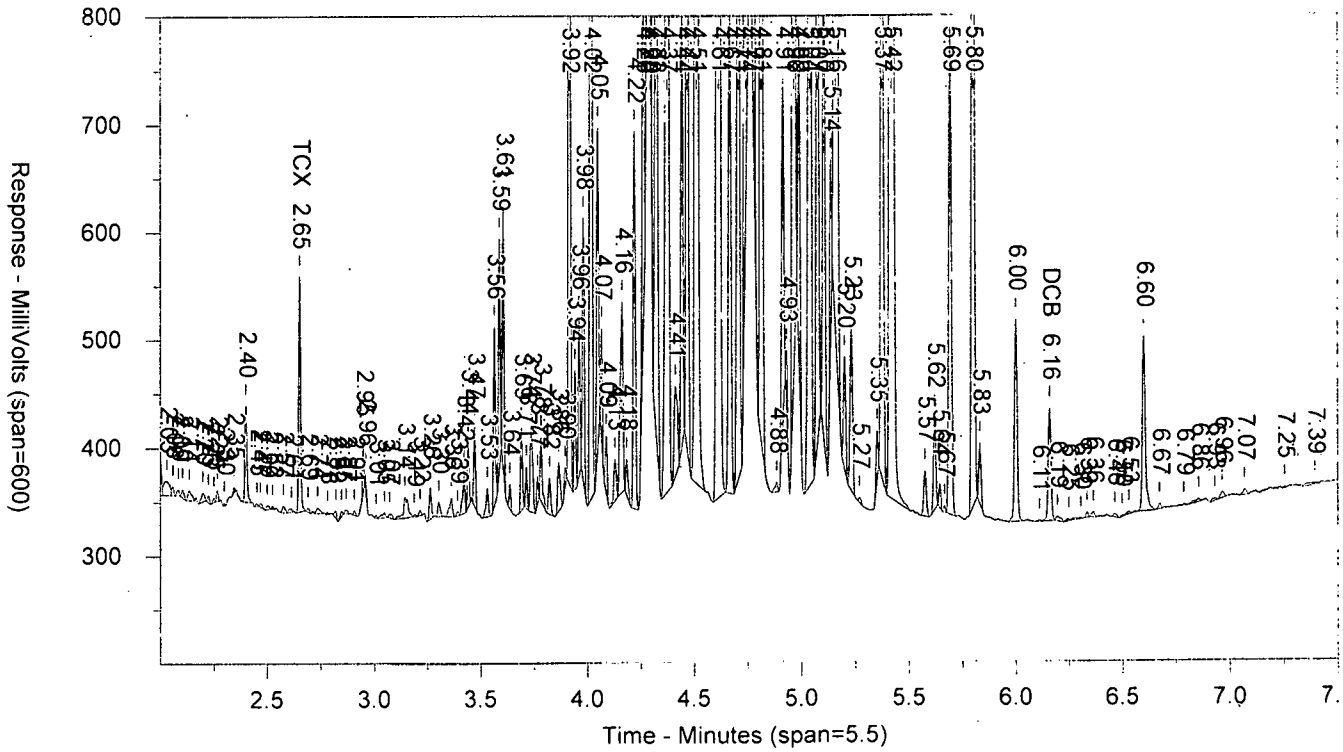


9202696 ACF DF50 AC-130W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0037.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0037.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202697 ACF DF50 -130E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.19 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 01:11:08
Instrument	19843A
Result file	07PCBS17250009.0038.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 100% (61 - 152) Conc: 30.04983
%SSR(DCB) 130% (48 - 164) Conc: 34.57328

Analysis Report (B)

Injected on	Sep 19, 2017 01:11:08
Instrument	19843B
Result file	07PCBS17250009B.0038.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 98% (61 - 152) Conc: 29.52461
%SSR(DCB) 120% (48 - 164) Conc: 31.83932

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	231801	30.04983	Tetrachloro-m-xylene	2.62	2.65	2.68	233839	29.52461
Decachlorobiphenyl	6.65	6.68	6.71	95107	34.57328	Decachlorobiphenyl	6.13	6.16	6.19	103370	31.83932

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	30.04983				1.76	
☑	Tetrachloro-m-xylene-D1	A	30.04983					
☑	Tetrachloro-m-xylene-D2	B	29.52461					
☐	Decachlorobiphenyl	A	34.57328				8.23	
☑	Decachlorobiphenyl-D1	A	34.57328					
☑	Decachlorobiphenyl-D2	B	31.83932					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**8.71**	
4.82	4.84	4.86	3846905	12969.216836			1
5.02	5.04	5.06	4432100	15222.310086			2
5.23	5.24	5.27	4405210	15945.036287			3
5.45	5.47	5.49	2135696	13349.203661			4
5.69	5.71	5.73	5914060	15094.81671			5
5.89	5.91	5.93	3418796	13343.163554			6

Height summation: **24152767**
Concentration CF: **14320.624522** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**7.96**	
4.35	4.37	4.39	4073378	13411.086277			1
4.49	4.51	4.53	5010244	14379.901457			2
4.60	4.61	4.64	3342054	11862.633643			3
4.72	4.74	4.76	5036790	14815.219529			4
5.14	5.16	5.18	6446856	14687.325499			5
5.40	5.42	5.44	3639613	14002.012242			6

Height summation: **27548935**
Concentration CF: **13859.696441** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2502.4534	<485.7704	D1		4	
☑	PCB-1221			<2502.4534	<750.736	D1		3	
☑	PCB-1232			<2502.4534	<603.5329	D1		4	
☑	PCB-1242			<2502.4534	<603.5329	D1		4	
☑	PCB-1248			<2502.4534	<485.7704	D1		4	
☑	PCB-1254			<2502.4534	<647.6938	~~D1~~ D2		4	
☑	PCB-1260	B	13859.696441	2502.4534	574.0922	D2	3.27	4	

Units: ug/kg

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

Qutovi 9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:22

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202697** ACF DF50 -130E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.19 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0038.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 100% (61-152) Conc.: 30.04983
%SSR(DCB) : 130% (48-164) Conc.: 34.57328

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**91.65**	
3.23	3.25	3.27	13485.65	100.65138			1
+ 3.45	3.45	3.49	5463.341	39.836469			2
+ 3.45	3.47	3.49	17690.83	128.994366			2
3.45	3.48	3.49	34485.34	251.45313			2
3.56	3.58	3.60	52860.92	323.329642			3
3.74	3.77	3.78	224703.8	1403.840707			4
3.78	3.81	3.82	300441	1599.356008			5
3.91	3.93	3.95	276720	2401.504148			6
Height Summation:			**902696.71**				
Amount Avg CF:			**1013.355836**	Linear:			
Aroclor-1221					**3**	**62.08**	
3.13	3.15	3.17	4104.144	66.158796			1
+ 3.18	3.18	3.22	7682.382	135.387193			2
3.18	3.21	3.22	10907.7	192.227214			2
3.23	3.25	3.27	13485.65	78.027426			3
Height Summation:			**28497.494**				
Amount Avg CF:			**112.137812**	Linear:			
Aroclor-1232					**6**	**100.20**	
3.23	3.25	3.27	13485.65	85.793396			1
+ 3.45	3.45	3.49	5463.341	83.235033			2
+ 3.45	3.47	3.49	17690.83	269.523138			2
3.45	3.48	3.49	34485.34	525.390672			2
3.56	3.58	3.60	52860.92	672.108137			3
3.74	3.77	3.78	224703.8	3045.63973			4
3.78	3.81	3.82	300441	3263.167493			5
3.91	3.93	3.95	276720	5970.439546			6
Height Summation:			**902696.71**				
Amount Avg CF:			**2260.423162**	Linear:			
Aroclor-1242					**6**	**94.55**	
3.23	3.25	3.27	13485.65	75.171341			1
+ 3.45	3.45	3.49	5463.341	30.292896			2
+ 3.45	3.47	3.49	17690.83	98.091346			2
3.45	3.48	3.49	34485.34	191.212816			2
3.56	3.58	3.60	52860.92	245.893376			3
3.74	3.77	3.78	224703.8	948.613922			4
3.78	3.81	3.82	300441	1156.237948			5
3.91	3.93	3.95	276720	1886.796218			6
Height Summation:			**902696.71**				
Amount Avg CF:			**750.65427**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0038.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 98% (61-152) Conc.: 29.52461
%SSR(DCB) : 120% (48-164) Conc.: 31.83932

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**136.38**	
2.92	2.95	2.96	37235.12	271.652608			1
+ 3.12	3.14	3.16	14937.99	85.691198			2
3.12	3.15	3.16	23091.59	132.464007			2
3.25	3.26	3.29	100693.3	584.384175			3
+ 3.40	3.42	3.44	111610.9	604.372706			4
+* 3.44	3.44	3.48	209200.4	1206.110703			5
* 3.40	3.44	3.44	209200.4	1132.81957			4
3.44	3.47	3.48	338067.2	1949.071169			5
+ 3.57	3.59	3.61	524932.6	3674.273682			6
3.57	3.61	3.61	918570.9	6429.550924			6
Height Summation:			**1626858.51**				
Amount Avg CF:			**1749.990409**	Linear:			
Aroclor-1221					**2**	**41.21**	
2.86	2.87	2.90	5197.365	110.982213			2
2.92	2.95	2.96	37235.12	202.272827			3
Height Summation:			**42432.485**				
Amount Avg CF:			**156.62752**	Linear:			
Aroclor-1232					**6**	**148.20**	
2.92	2.95	2.96	37235.12	222.04222			1
+ 3.12	3.14	3.16	14937.99	169.723734			2
3.12	3.15	3.16	23091.59	262.364005			2
3.25	3.26	3.29	100693.3	1182.856397			3
+ 3.40	3.42	3.44	111610.9	1313.301072			4
+* 3.44	3.44	3.48	209200.4	2417.275397			5
* 3.40	3.44	3.44	209200.4	2461.615394			4
3.44	3.47	3.48	338067.2	3906.309573			5
+ 3.57	3.59	3.61	524932.6	8739.184188			6
E 3.57	3.61	3.61	918570.9	15292.554292			6
Height Summation:			**1626858.51**				
Amount Avg CF:			**3887.95698**	Linear:			
Aroclor-1242					**6**	**140.61**	
2.92	2.95	2.96	37235.12	196.44052			1
+ 3.12	3.14	3.16	14937.99	97.043123			2
3.12	3.15	3.16	23091.59	150.01215			2
3.25	3.26	3.29	100693.3	447.082371			3
+ 3.40	3.42	3.44	111610.9	416.227751			4
+* 3.44	3.44	3.48	209200.4	871.394639			5
* 3.40	3.44	3.44	209200.4	780.165844			4
3.44	3.47	3.48	338067.2	1408.171044			5
+ 3.57	3.59	3.61	524932.6	2906.701634			6
3.57	3.61	3.61	918570.9	5086.389255			6
Height Summation:			**1626858.51**				
Amount Avg CF:			**1344.710197**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202697** ACF DF50 -130E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.19 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0038.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	100.69	
3.78	3.81	3.82	300441	3244.400514			1
3.84	3.86	3.88	38056	386.316415			2
3.91	3.93	3.95	276720	1687.038279			3
4.03	4.05	4.07	130891.4	706.69777			4
4.12	4.15	4.16	190547.8	1188.271647			5
4.30	4.31	4.34	1118364	6529.283989			6
+ 4.30	4.33	4.34	79242.58	462.637664			6
Height Summation:			2055020.2				
Amount Avg CF:			2290.334769	Linear:			
Aroclor-1254					6	94.34	
4.29	4.31	4.32	1118364	6055.310728			1
+ 4.63	4.65	4.67	239001.3	1220.190736			2
4.63	4.67	4.67	456965.6	2332.979744			2
4.69	4.72	4.73	1564248	3774.908442			3
4.91	4.93	4.95	885473.2	3495.651788			4
5.11	5.13	5.15	1710879	11804.439278			5
5.23	5.24	5.27	4405210	23137.227749			6
Height Summation:			10141139.8				
Amount Avg CF:			8433.419622	Linear:			
Aroclor-1260					6	8.71	
4.82	4.84	4.86	3846905	12969.216836			1
5.02	5.04	5.06	4432100	15222.310086			2
5.23	5.24	5.27	4405210	15945.036287			3
5.45	5.47	5.49	2135696	13349.203661			4
5.69	5.71	5.73	5914060	15094.81671			5
5.89	5.91	5.93	3418796	13343.163554			6
Height Summation:			24152767				
Amount Avg CF:			14320.624522	Linear:			
Aroclor-1262					6	34.14	
5.29	5.31	5.33	1945039	8194.453821			1
E 5.45	5.47	5.49	2135696	10121.315284			2
E 5.69	5.71	5.73	5914060	12773.428783			3
E 5.89	5.91	5.93	3418796	10818.598741			4
5.95	5.96	5.99	591199.1	3718.128194			5
6.31	6.33	6.35	1220335	8559.167338			6
Height Summation:			15225125.1				
Amount Avg CF:			9030.848693	Linear:			
Aroclor-1268					6	99.96	
5.89	5.91	5.93	3418796	6030.802506			1
5.95	5.96	5.99	591199.1	1206.031432			2
6.08	6.10	6.12	42369.74	90.065396			3
+ 6.14	6.15	6.18	102149.5	827.036844			4
6.14	6.18	6.18	591333	4787.631641			4
6.31	6.33	6.35	1220335	8417.913544			5
6.51	6.53	6.55	218942	229.459013			6
Height Summation:			6082974.84				
Amount Avg CF:			3460.317255	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0038.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	86.22	
+ 3.44	3.44	3.48	209200.4	2633.400056			1
3.44	3.47	3.48	338067.2	4255.566353			1
3.51	3.53	3.55	45057.42	413.740067			2
3.55	3.56	3.59	307861.5	1641.656022			3
3.67	3.69	3.71	156621.5	694.6299			4
+ 3.76	3.77	3.80	25617.86	164.312382			5
3.76	3.78	3.80	186061.8	1193.39623			5
3.90	3.92	3.94	1386221	4674.080358			6
Height Summation:			2419890.42				
Amount Avg CF:			2145.511488	Linear:			
Aroclor-1254					6	105.43	
4.20	4.22	4.24	537471.2	2285.186985			1
+ 4.26	4.26	4.30	419076.8	1007.721785			2
+ 4.26	4.28	4.30	753842.6	1812.707385			2
4.26	4.29	4.30	1058919	2546.301166			2
4.35	4.37	4.39	4073378	20852.777242			3
4.42	4.44	4.46	630886.9	2456.089817			4
4.64	4.66	4.68	604529.8	3342.870883			5
4.72	4.74	4.76	5036790	17578.677379			6
Height Summation:			11941974.9				
Amount Avg CF:			8176.983912	Linear:			
Aroclor-1260					6	7.96	
4.35	4.37	4.39	4073378	13411.086277			1
4.49	4.51	4.53	5010244	14379.901457			2
4.60	4.61	4.64	3342054	11862.633643			3
4.72	4.74	4.76	5036790	14815.219529			4
5.14	5.16	5.18	6446856	14687.325499			5
5.40	5.42	5.44	3639613	14002.012242			6
Height Summation:			27548935				
Amount Avg CF:			13859.696441	Linear:			
Aroclor-1262					6	29.59	
4.76	4.77	4.80	2181958	6563.824368			1
4.95	4.96	4.99	2558703	8271.404563			2
E 5.14	5.16	5.18	6446856	11294.840497			3
5.36	5.37	5.40	979586	4745.17249			4
E 5.40	5.42	5.44	3639613	10451.910059			5
5.78	5.80	5.82	1169067	7844.242397			6
Height Summation:			16975783				
Amount Avg CF:			8195.232396	Linear:			
Aroclor-1268					6	125.30	
5.36	5.37	5.40	979586	1656.205902			1
5.40	5.42	5.44	3639613	6417.987242			2
5.56	5.57	5.60	50804.61	107.156002			3
5.62	5.64	5.66	24794.36	214.82735			4
+ 5.62	5.66	5.66	6941.245	60.14147			4
5.78	5.80	5.82	1169067	7192.670593			5
5.98	6.00	6.02	210624.2	188.298422			6
Height Summation:			6074489.17				
Amount Avg CF:			2629.524252	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202697 ACF DF50 -130E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.19 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0038.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 01:11:08
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0038.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			2502.4534	485.7704		** 53.31	4	40	
Aroclor-1221			2502.4534	750.736		33.11	3	40	
Aroclor-1232			2502.4534	603.5329		** 52.94	4	40	
Aroclor-1242			2502.4534	603.5329		** 56.70	4	40	
Aroclor-1248			2502.4534	485.7704		6.53	4	40	
Aroclor-1254			2502.4534	647.6938		3.09	4	40	
Aroclor-1260			2502.4534	574.0922		3.27	4	40	
Aroclor-1262			2502.4534	485.7704	E	9.70	4	40	
Aroclor-1268			2502.4534	485.7704		27.28	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:11:08 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: 07pcbs17250009.0038.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.504		7619	3045
1.582		5182	7152
1.641		127642	143494
1.695		23076	34151
1.718		18427	19924
1.747		39613	41155
1.774		9199	6014
1.795		22655	29393
1.817		19569	27979
1.847		11660	7088
1.876		9318	5572
1.894		14325	8667
1.919		11089	9127
1.944		7445	6093
1.985		13909	9453
2.005		21694	26585
2.051		22285	16849
2.069		28037	27383
2.113		49721	63513
2.141		17516	21604
2.161		23600	18791
2.176		29727	32195
2.197		17941	15874
2.217		20737	24397
2.241		10078	6796
2.27		91212	57851
2.29		7202	3377
2.324		9393	4728
2.342		24280	34700
2.381		29128	22250
2.413		17559	11575
2.447		35350	41909
2.463		33299	37502
2.497		19701	23737
2.517		22595	25379
2.55		19304	24365
2.587		11964	10233
2.606		8237	3695
2.627		5111	3655
2.677		6751	5004
2.7		15482	15893
2.72		57440	30823
2.761		6258	5531
2.774		12131	12063
2.805		18075	16609
2.836		5996	3201
2.857		5258	1910
2.873		14696	10251
2.901		8624	6040
2.918		3392	2469
2.961		27476	27495
2.999	TCX	231801	173701
3.05		10601	8966

RT A	Compound A	Height A	Area A
3.077		12071	14573
3.113		5291	4434
3.151		4104	3998
3.183		7682	7615
3.209		10908	5580
3.224		4176	1782
3.25		13486	18885
3.303		71388	42716
3.319		51372	25424
3.344		11445	8243
3.396		4071	2023
3.418		7823	7704
3.447		5463	3237
3.466		17691	9841
3.483		34485	20437
3.505		2039	1208
3.535		5335	3529
3.583		52861	34171
3.608		4656	2917
3.635		2308	1622
3.652		32979	27204
3.678		4737	3108
3.705		6634	6181
3.771		224704	268512
3.808		300441	245276
3.859		38056	31675
3.899		46543	36872
3.928		276720	200125
3.955		419757	275708
3.978		749865	533835
4.054		130891	93258
4.079		86604	57720
4.11		153977	109758
4.146		190548	191803
4.191		123373	96196
4.218		64255	51653
4.246		6512	3668
4.27		82361	56527
4.306		1118364	812145
4.325		79243	37323
4.352		560336	494396
4.391		2035	1012
4.42		438384	356663
4.463		1730565	1618824
4.498		608489	525707
4.538		127332	90417
4.56		57399	38489
4.603		350447	341192
4.654		239001	166951
4.671		456966	341658
4.716		1564248	1358473
4.765		1670082	1824351
4.802		333856	217311
4.842		3846905	3380042
4.887		127564	114033
4.929		885473	915301
4.963		35444	23296
4.989		790828	719163
5.041		4432100	5177692
5.093		723147	658256
5.132		1710879	1773868
5.175		60549	35995
5.212		338537	403960
5.245		4405211	3809162
5.267		173945	90674
5.287		56579	26188

RT A	Compound A	Height A	Area A
5.311		1945039	1731727
5.354		1264077	1186773
5.447		517299	414318
5.472		2135696	1799928
5.529		1284505	1128429
5.567		724128	712392
5.609		113261	126722
5.649		746316	740571
5.674		7997	3525
5.706		5914061	5156246
5.73		27541	55108
5.852		1358	470
5.909		3418796	3149683
5.94		248082	158408
5.964		591199	678935
6.077		12495	9548
6.1		42370	35038
6.151		102150	75682
6.179		591333	545523
6.281		1341	726
6.332		1220335	1155712
6.378		84074	76537
6.419		5080	4420
6.474		1031	452
6.533		218942	211053
6.621		2967	4081
6.644		4091	3547
6.679	DCB	95107	96070
6.745		4343	3996
6.818		1734	772
6.851		2173	2229
6.877		1477	681
6.93		77456	89188
6.979		2516	1749
7.054		3331	3763
7.136		1629	2229
7.207		1848	1508
7.256		2836	4484
7.311		1369	853
7.381		2317	8417
7.449		1666	589
7.537		7471	23060
7.594		1825	811
7.621		1606	475
7.679		2304	3878
7.803		2761	2836
7.867		3785	7156
7.957		1182	616
7.982		1481	919
8.042		1791	723
8.167		1597	687
8.182		2279	1373
8.258		1285	1206
8.435		1882	2901
8.557		1682	708
8.647		1557	1351

LANCASTER LABORATORIES

Sample Number: 9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:11:08 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: 07pcbs17250009B.0038.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

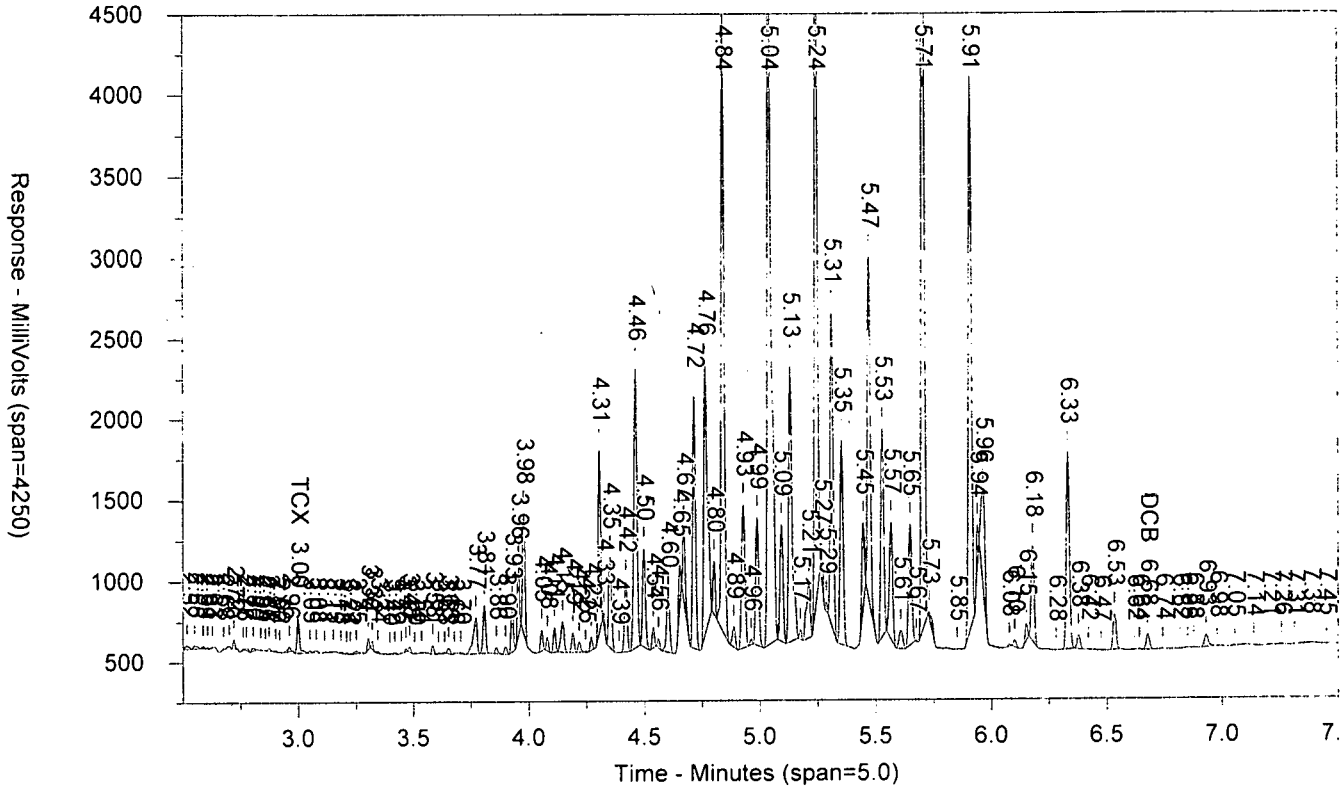
RT B	Compound B	Height B	Area A
1.527		28066	31998
1.566		6426	6555
1.615		10861	7507
1.68		9506	11748
1.712		7196	5898
1.748		10314	16918
1.773		10298	13030
1.801		8865	9676
1.832		32930	32577
1.863		9767	13825
1.895		10516	12648
1.914		12343	13662
1.939		11839	8464
1.961		11251	11735
1.993		92881	69782
2.04		14884	30504
2.061		7369	3944
2.085		8931	8203
2.106		10833	8803
2.136		13450	15177
2.201		8436	8767
2.225		5621	2912
2.247		5805	3425
2.267		10559	5744
2.283		4197	4601
2.327		3727	4871
2.345		7196	3727
2.401		65892	42220
2.477		4761	6289
2.499		4780	3354
2.525		4947	2945
2.575		10307	11516
2.6		4186	4466
2.651	TCX	233839	149702
2.712		4663	1963
2.74		6879	8746
2.847		4111	2659
2.868		5197	4256
2.904		3132	1855
2.948		37235	15448
2.958		58156	25381
3.009		3132	1644
3.047		8601	9412
3.07		4430	3955
3.112		1785	1727
3.143		14938	6719
3.154		23092	10366
3.193		2585	1729
3.215		6101	4298
3.263		100693	76622
3.303		24323	18042
3.351		33206	28423
3.391		3857	2459
3.422		111611	77681

3.441		209200	126339
3.472		338067	200202
3.53		45057	45257
3.564		307862	183974
3.587		524933	278970
3.605		918571	527821
3.691		156622	95141
3.713		86369	47731
3.735		185163	165044
3.766		25618	11921
3.781		186062	132595
3.821		92319	64880
3.864		81124	63728
3.895		34885	20386
3.916		1386221	904992
3.941		200612	112900
3.961		392119	226426
3.98		388174	232542
4.016		1850137	1283416
4.048		603808	375669
4.066		146562	71133
4.088		152791	95260
4.13		70967	59882
4.161		254440	216157
4.182		85457	53596
4.219		537471	391625
4.262		419077	289979
4.28		753843	390967
4.293		1058919	560685
4.319		661028	662156
4.372		4073378	3145703
4.41		127723	141831
4.442		630887	428697
4.466		1044794	739436
4.509		5010244	3874865
4.612		3342054	3195376
4.664		604530	547376
4.704		1022295	880728
4.74		5036791	4048719
4.774		2181958	1547032
4.813		1541177	1215328
4.882		10252	9663
4.912		403501	286408
4.929		61163	34574
4.963		2558703	2007062
4.987		440164	275963
5.038		1409591	1289124
5.074		735161	580153
5.104		507062	412521
5.135		249423	140855
5.157		6446856	5094273
5.199		134043	96617
5.23		184963	149168
5.349		56685	34441
5.373		979586	809655
5.416		3639613	3884473
5.573		50805	42553
5.618		108559	82891
5.642		24794	16012
5.663		6941	3779
5.69		591787	482737
5.798		1169067	982713
5.829		69413	50611
5.998		210624	190670
6.157	DCB	103370	89155
6.193		3113	4049
6.269		1998	4033

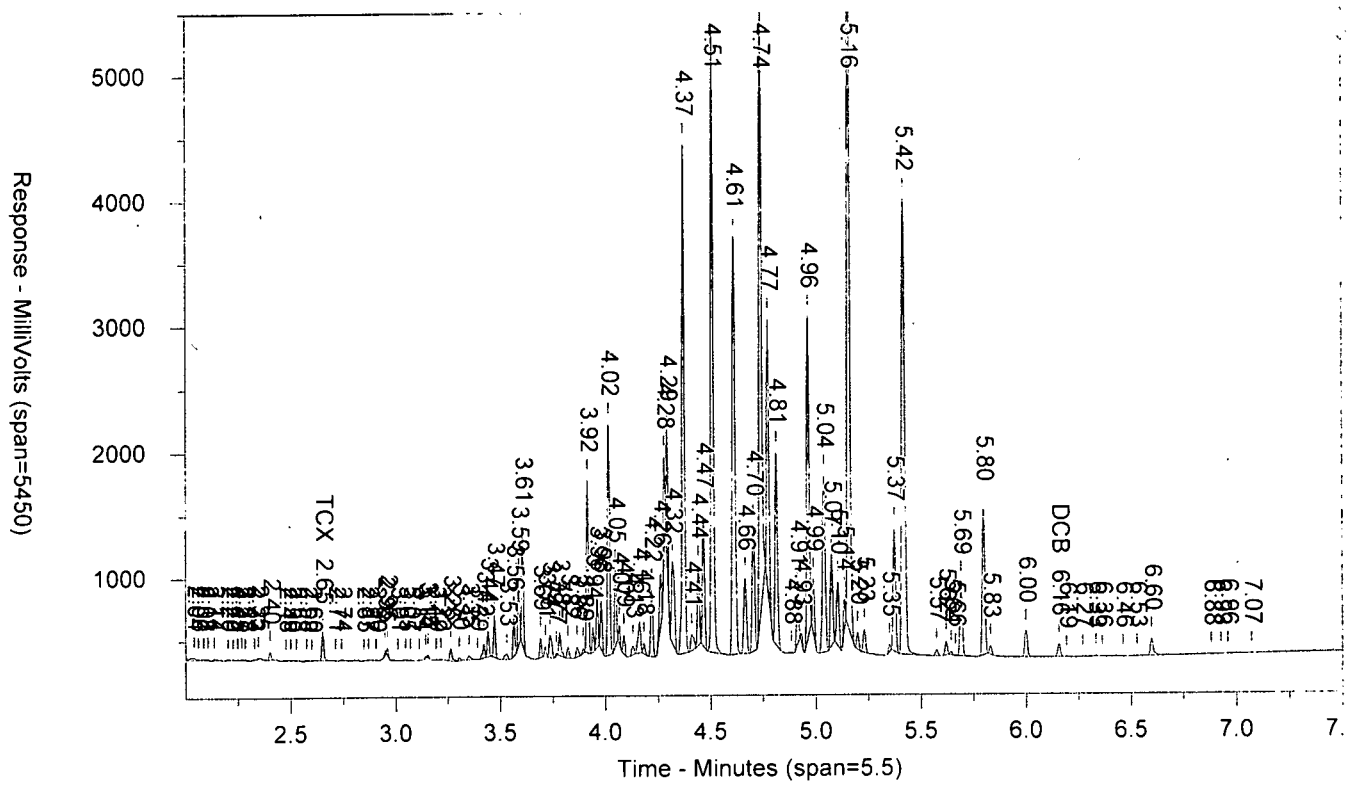
6.332	7560	5791
6.361	3188	2392
6.46	2737	3855
6.528	2378	4491
6.599	136453	134284
6.88	2794	3386
6.927	1864	2696
6.959	3112	4399
7.07	2841	2238
7.732	10832	14370
8.192	4180	6896
8.292	7965	15180
8.511	6144	12927

9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0038.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0038.RAW



LANCASTER LABORATORIES

Sample Number: 9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:11:08 AM
Sample Weight: 10.19
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

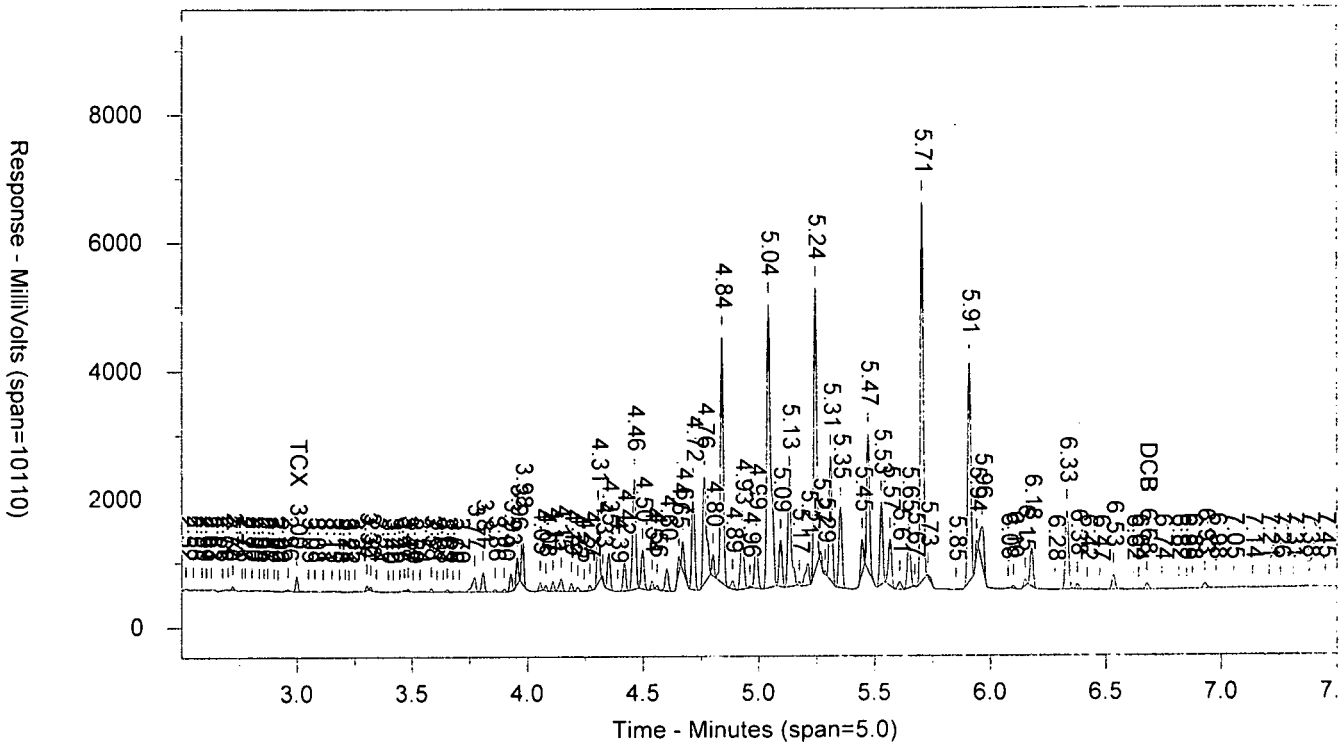
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	231801	30.05	TCX	2.651	233839	29.525	TCX
6.679	95107	34.573	DCB	6.157	103370	31.839	DCB

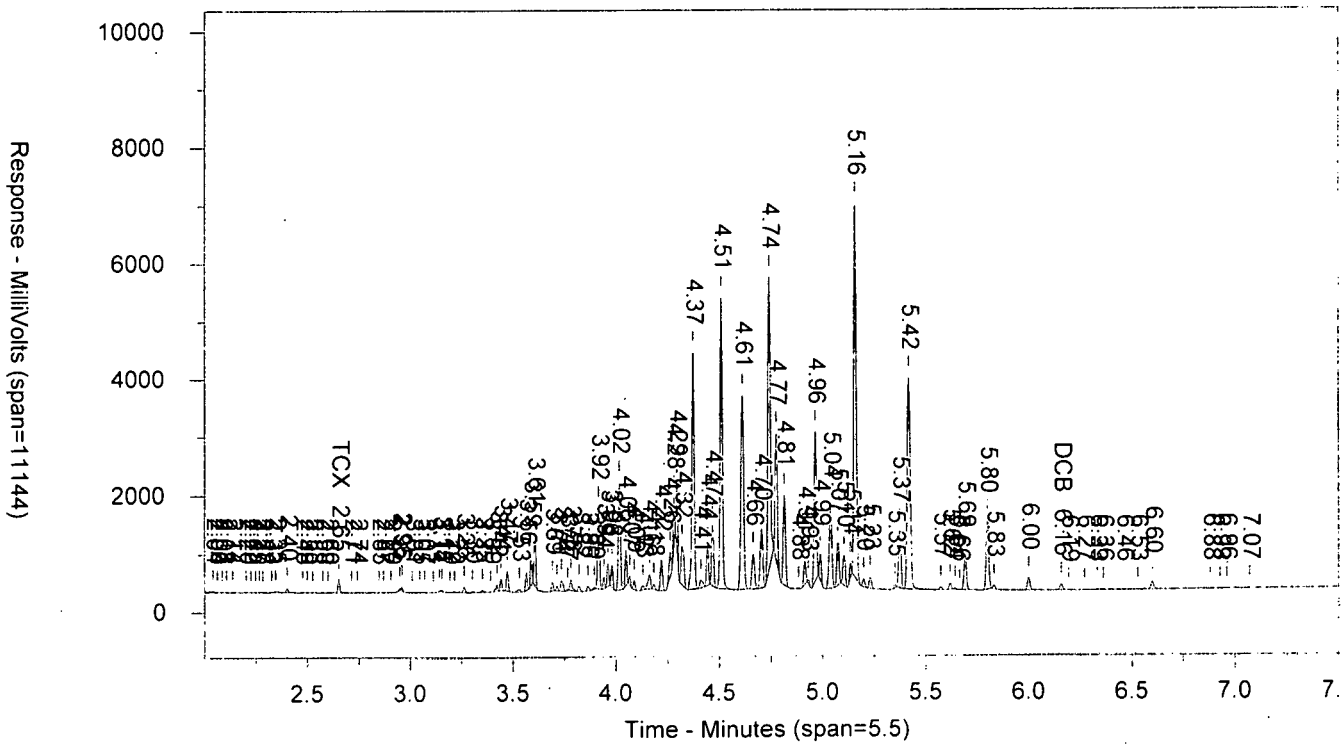
Files:
Area File: 07pcbs17250009.0038.RAW
Area File: 07pcbs17250009B.0038.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 1:19:53 AM
File Reported On: 9/19/2017 at 1:19:58 AM

9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0038.RAW

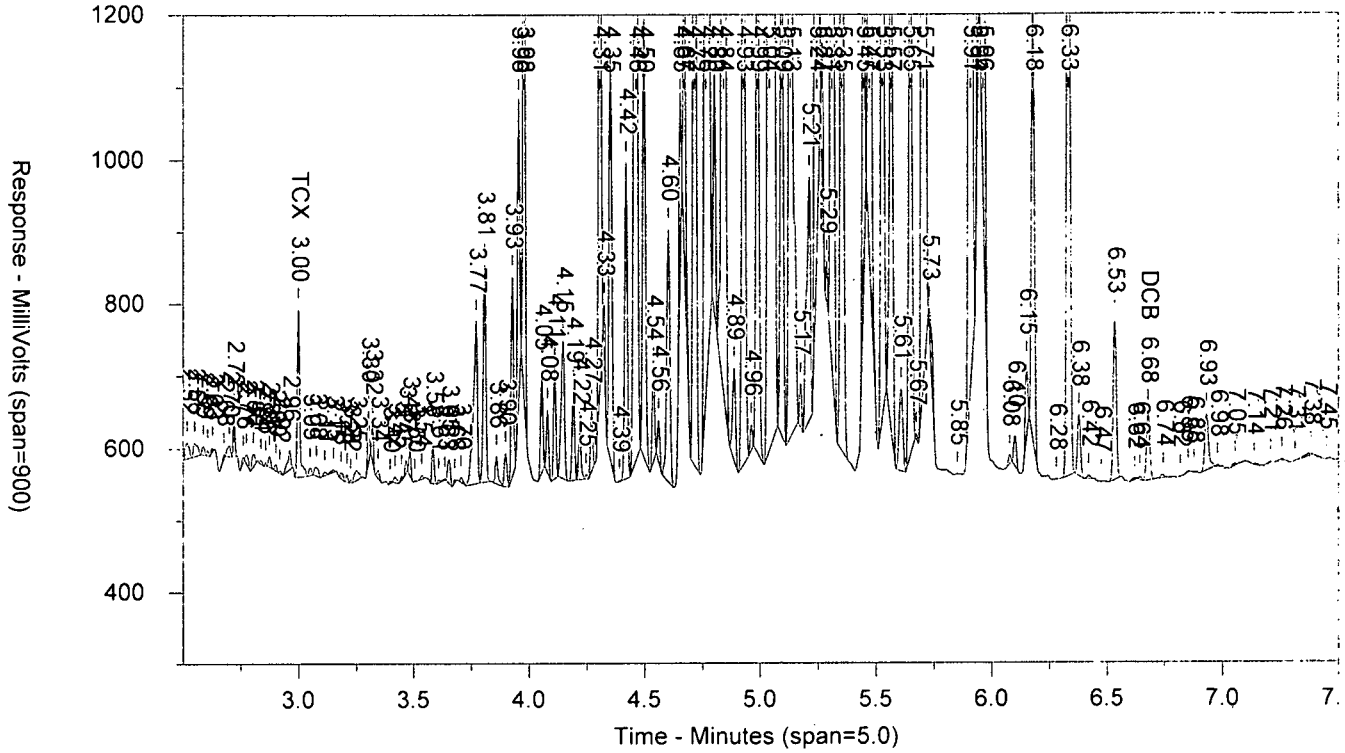


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0038.RAW

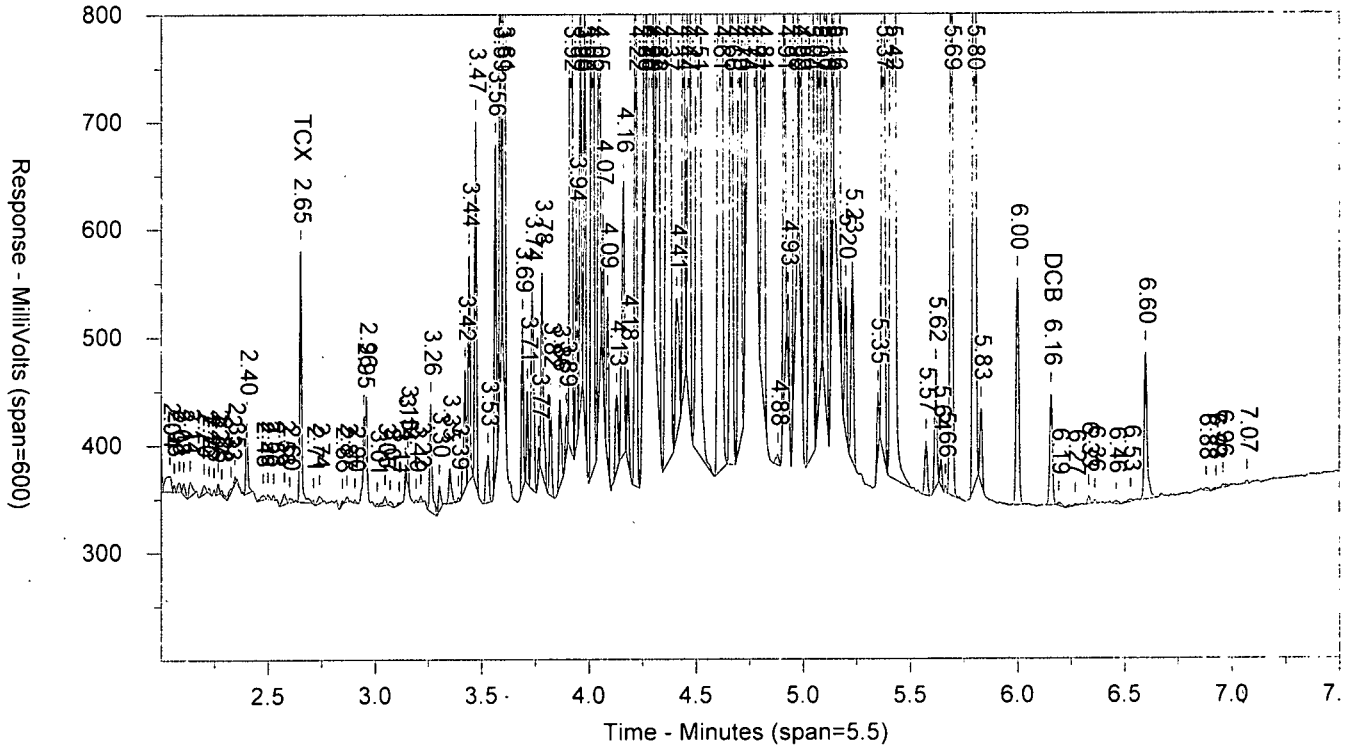


9202697 ACF DF50 AC-130E T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0038.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0038.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202698 ACF DF50 -131W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.41 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 01:22:38
Instrument	19843A
Result file	07PCBS17250009.0039.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 89% (61 - 152) Conc: 25.98421
%SSR(DCB) 125% (48 - 164) Conc: 32.68521

Analysis Report (B)

Injected on	Sep 19, 2017 01:22:38
Instrument	19843B
Result file	07PCBS17250009B.0039.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 84% (61 - 152) Conc: 24.64611
%SSR(DCB) 118% (48 - 164) Conc: 30.77457

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	204767	25.98421
Decachlorobiphenyl	6.65	6.68	6.71	91854	32.68521

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	199415	24.64611
Decachlorobiphenyl	6.13	6.16	6.19	102070	30.77457

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	25.98421				5.29	
☑	Tetrachloro-m-xylene-D1	A	25.98421					
☑	Tetrachloro-m-xylene-D2	B	24.64611					
☐	Decachlorobiphenyl	A	32.68521				6.02	
☑	Decachlorobiphenyl-D1	A	32.68521					
☑	Decachlorobiphenyl-D2	B	30.77457					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.96**	
4.82	4.84	4.86	2050527	6766.923029			1
5.02	5.04	5.06	2294530	7714.152295			2
5.23	5.24	5.27	2216299	7852.549821			3
5.45	5.47	5.49	1142474	6990.137272			4
5.69	5.71	5.73	3085362	7708.532335			5
5.89	5.91	5.93	1922972	7346.526295			6

Height summation: **12712164**
Concentration CF: **7396.470175** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.34**	
4.35	4.37	4.39	2107811	6793.043007			1
4.49	4.51	4.53	2636705	7407.676883			2
4.60	4.61	4.64	1860611	6464.674965			3
4.72	4.74	4.76	2477827	7134.255891			4
5.14	5.16	5.18	3458441	7712.560356			5
5.40	5.42	5.44	1955404	7363.684949			6

Height summation: **14496799**
Concentration CF: **7145.982675** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2449.5678	<475.5043	D1		4	
☑	PCB-1221			<2449.5678	<734.8703	D1		3	
☑	PCB-1232			<2449.5678	<590.7781	D1		4	
☑	PCB-1242			<2449.5678	<590.7781	D1		4	
☑	PCB-1248			<2449.5678	<475.5043	D1		4	
☑	PCB-1254			<2449.5678	<634.0058	~~D1~~ D2		4	
☑	PCB-1260	B	7145.982675	2449.5678	561.9597	D2	3.44	4	

VLT 047 9/21/17

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 9/19/2017 14:23:24

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202698** ACF DF50 -131W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.41 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0039.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 89% (61-152) Conc.: 25.98421
%SSR(DCB) : 125% (48-164) Conc.: 32.68521

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**121.02**	
3.23	3.24	3.27	8358.12	61.063249			1
+ 3.45	3.47	3.49	4967.64	35.45652			2
3.45	3.48	3.49	9518.932	67.941356			2
3.56	3.58	3.60	6211.465	37.190182			3
+ 3.74	3.75	3.78	2792.711	17.078781			4
3.74	3.77	3.78	42064.52	257.24492			4
3.78	3.81	3.82	48552.49	253.000226			5
3.91	3.93	3.95	100033.5	849.790185			6
Height Summation:			**214739.027**				
Amount Avg CF:			**254.371686**	Linear:			
Aroclor-1221					**3**	**67.28**	
+ 3.13	3.14	3.17	3734.543	58.928573			1
3.13	3.16	3.17	5310.065	83.789249			1
+ 3.18	3.19	3.22	9772.507	168.581973			2
3.18	3.21	3.22	10649.05	183.702898			2
3.23	3.24	3.27	8358.12	47.337733			3
Height Summation:			**24317.235**				
Amount Avg CF:			**104.943293**	Linear:			
Aroclor-1232					**6**	**136.10**	
3.23	3.24	3.27	8358.12	52.049197			1
+ 3.45	3.47	3.49	4967.64	74.083487			2
3.45	3.48	3.49	9518.932	141.957887			2
3.56	3.58	3.60	6211.465	77.307554			3
+ 3.74	3.75	3.78	2792.711	37.052504			4
3.74	3.77	3.78	42064.52	558.094194			4
3.78	3.81	3.82	48552.49	516.196587			5
3.91	3.93	3.95	100033.5	2112.684641			6
Height Summation:			**214739.027**				
Amount Avg CF:			**576.381677**	Linear:			
Aroclor-1242					**6**	**126.65**	
3.23	3.24	3.27	8358.12	45.605001			1
+ 3.45	3.47	3.49	4967.64	26.962245			2
3.45	3.48	3.49	9518.932	51.66473			2
3.56	3.58	3.60	6211.465	28.283269			3
+ 3.74	3.75	3.78	2792.711	11.540604			4
3.74	3.77	3.78	42064.52	173.827494			4
3.78	3.81	3.82	48552.49	182.903907			5
3.91	3.93	3.95	100033.5	667.656939			6
Height Summation:			**214739.027**				
Amount Avg CF:			**191.65689**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0039.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 84% (61-152) Conc.: 24.64611
%SSR(DCB) : 118% (48-164) Conc.: 30.77457

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**113.50**	
2.92	2.95	2.96	44164.9	315.4001			1
+ 3.12	3.13	3.16	2680.444	15.051308			2
3.12	3.14	3.16	6294.348	35.344208			2
3.25	3.26	3.29	21397.72	121.559478			3
+ 3.40	3.42	3.44	26335.4	139.592346			4
+* 3.44	3.44	3.48	40887.58	230.748838			5
* 3.40	3.44	3.44	40887.58	216.727037			4
3.44	3.47	3.48	54437.74	307.219093			5
+ 3.57	3.59	3.61	143210.5	981.219731			6
3.57	3.60	3.61	170060.7	1165.186312			6
Height Summation:			**337242.988**				
Amount Avg CF:			**360.239371**	Linear:			
Aroclor-1221					**2**	**48.07**	
2.86	2.87	2.90	5534.688	115.687587			2
2.92	2.95	2.96	44164.9	234.847257			3
Height Summation:			**49699.588**				
Amount Avg CF:			**175.267422**	Linear:			
Aroclor-1232					**6**	**137.26**	
2.92	2.95	2.96	44164.9	257.800354			1
+ 3.12	3.13	3.16	2680.444	29.811279			2
3.12	3.14	3.16	6294.348	70.004284			2
3.25	3.26	3.29	21397.72	246.049453			3
+ 3.40	3.42	3.44	26335.4	303.333979			4
+* 3.44	3.44	3.48	40887.58	462.464587			5
* 3.40	3.44	3.44	40887.58	470.947559			4
3.44	3.47	3.48	54437.74	615.725532			5
+ 3.57	3.59	3.61	143210.5	2333.810898			6
3.57	3.60	3.61	170060.7	2771.371617			6
Height Summation:			**337242.988**				
Amount Avg CF:			**738.6498**	Linear:			
Aroclor-1242					**6**	**117.82**	
2.92	2.95	2.96	44164.9	228.075703			1
+ 3.12	3.13	3.16	2680.444	17.045227			2
3.12	3.14	3.16	6294.348	40.026425			2
3.25	3.26	3.29	21397.72	92.998924			3
+ 3.40	3.42	3.44	26335.4	96.136387			4
+* 3.44	3.44	3.48	40887.58	166.712143			5
* 3.40	3.44	3.44	40887.58	149.258572			4
3.44	3.47	3.48	54437.74	221.960613			5
+ 3.57	3.59	3.61	143210.5	776.238583			6
3.57	3.60	3.61	170060.7	921.77373			6
Height Summation:			**337242.988**				
Amount Avg CF:			**275.682328**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202698 ACF DF50 -131W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.41 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0039.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	143.56	
3.78	3.81	3.82	48552.49	513.227861			1
3.84	3.86	3.88	13948.34	138.600885			2
3.91	3.93	3.95	100033.5	596.9711			3
+ 4.03	4.03	4.07	1757.391	9.287834			4
4.03	4.05	4.07	38313.48	202.487241			4
4.12	4.15	4.16	52535.12	320.689676			5
4.30	4.31	4.34	575573.3	3289.322636			6
Height Summation:			828956.23				
Amount Avg CF:			843.5499	Linear:			
Aroclor-1254					6	95.29	
4.29	4.31	4.32	575573.3	3050.544391			1
+ 4.63	4.65	4.67	106484.1	532.151976			2
4.63	4.67	4.67	257775.4	1288.226961			2
4.69	4.72	4.73	687781	1624.704723			3
4.91	4.93	4.95	394927.1	1526.135639			4
5.11	5.13	5.15	917121.2	6194.072067			5
5.23	5.24	5.27	2216299	11394.532465			6
Height Summation:			5049477				
Amount Avg CF:			4179.702707	Linear:			
Aroclor-1260					6	5.96	
4.82	4.84	4.86	2050527	6766.923029			1
5.02	5.04	5.06	2294530	7714.152295			2
5.23	5.24	5.27	2216299	7852.549821			3
5.45	5.47	5.49	1142474	6990.137272			4
5.69	5.71	5.73	3085362	7708.532335			5
5.89	5.91	5.93	1922972	7346.526295			6
Height Summation:			12712164				
Amount Avg CF:			7396.470175	Linear:			
Aroclor-1262					6	30.15	
5.29	5.31	5.33	1061195	4376.332873			1
5.45	5.47	5.49	1142474	5299.895409			2
5.69	5.71	5.73	3085362	6523.059584			3
5.89	5.91	5.93	1922972	5956.54245			4
5.95	5.96	5.99	378043.9	2327.320979			5
6.31	6.33	6.35	697120.2	4786.119871			6
Height Summation:			8287167.1				
Amount Avg CF:			4878.211861	Linear:			
Aroclor-1268					6	98.89	
5.89	5.91	5.93	1922972	3320.460624			1
5.95	5.96	5.99	378043.9	754.901958			2
6.08	6.10	6.12	24705.48	51.406604			3
+ 6.14	6.15	6.18	54290.09	430.26164			4
6.14	6.18	6.18	337220.8	2672.553584			4
6.31	6.33	6.35	697120.2	4707.133498			5
6.51	6.53	6.55	120135.5	123.245439			6
Height Summation:			3480197.88				
Amount Avg CF:			1938.283618	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0039.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	116.37	
+ 3.44	3.44	3.48	40887.58	503.812793			1
3.44	3.47	3.48	54437.74	670.77655			1
3.51	3.53	3.55	17913.5	161.014565			2
3.55	3.56	3.59	108157.7	564.55685			3
3.67	3.69	3.71	49871.89	216.511703			4
+ 3.76	3.77	3.80	15347.75	96.359739			5
3.76	3.78	3.80	37888.36	237.879329			5
3.90	3.91	3.94	682674.8	2253.206665			6
Height Summation:			950943.99				
Amount Avg CF:			683.990944	Linear:			
Aroclor-1254					6	107.92	
4.20	4.22	4.24	239312.4	995.990511			1
+ 4.26	4.26	4.30	235487.8	554.292363			2
+ 4.26	4.28	4.30	274805.1	646.837621			2
4.26	4.29	4.30	622130	1464.37271			2
4.35	4.37	4.39	2107811	10562.441378			3
4.42	4.44	4.46	256404.1	977.104818			4
4.64	4.66	4.68	290859.6	1574.377032			5
4.72	4.74	4.76	2477827	8464.99658			6
Height Summation:			5994344.1				
Amount Avg CF:			4006.547171	Linear:			
Aroclor-1260					6	6.34	
4.35	4.37	4.39	2107811	6793.043007			1
4.49	4.51	4.53	2636705	7407.676883			2
4.60	4.61	4.64	1860611	6464.674965			3
4.72	4.74	4.76	2477827	7134.255891			4
5.14	5.16	5.18	3458441	7712.560356			5
5.40	5.42	5.44	1955404	7363.684949			6
Height Summation:			14496799				
Amount Avg CF:			7145.982675	Linear:			
Aroclor-1262					6	27.88	
4.76	4.77	4.80	1188708	3500.331733			1
4.95	4.96	4.99	1450411	4589.590354			2
5.14	5.16	5.18	3458441	5931.109721			3
5.36	5.37	5.40	553085.1	2622.556465			4
5.40	5.42	5.44	1955404	5496.679438			5
5.78	5.80	5.82	657584.4	4319.033376			6
Height Summation:			9263633.5				
Amount Avg CF:			4409.883515	Linear:			
Aroclor-1268					6	124.83	
5.36	5.37	5.40	553085.1	915.34997			1
5.40	5.42	5.44	1955404	3375.231734			2
5.56	5.57	5.60	26748.38	55.224821			3
5.62	5.64	5.66	14975.61	127.011968			4
5.78	5.80	5.82	657584.4	3960.27848			5
5.98	6.00	6.02	123141.7	107.762339			6
Height Summation:			3330939.19				
Amount Avg CF:			1423.476552	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202698 ACF DF50 -131W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.41 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0039.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 01:22:38
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0039.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			2449.5678	475.5043		34.45	4	40	
Aroclor-1221			2449.5678	734.8703		** 50.19	3	40	
Aroclor-1232			2449.5678	590.7781		24.68	4	40	
Aroclor-1242			2449.5678	590.7781		35.96	4	40	
Aroclor-1248			2449.5678	475.5043		20.89	4	40	
Aroclor-1254			2449.5678	634.0058		4.23	4	40	
Aroclor-1260			2449.5678	561.9597		3.44	4	40	
Aroclor-1262			2449.5678	475.5043		10.08	4	40	
Aroclor-1268			2449.5678	475.5043		30.63	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:22:38 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: 07pcbs17250009.0039.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.585		3756	6379
1.641		100458	122128
1.697		22308	40031
1.747		43092	47108
1.795		22668	31074
1.818		23315	35252
1.846		15530	13880
1.874		14651	10910
1.895		18937	15872
1.918		15557	16281
1.94		14461	16250
1.985		18275	14192
2.004		19021	17129
2.051		15365	10494
2.07		23616	25918
2.092		13068	8275
2.113		37664	44306
2.142		18023	19073
2.173		26864	47409
2.198		16493	14627
2.216		16755	18261
2.241		8295	5064
2.269		88723	55504
2.289		6908	3081
2.325		8130	4121
2.341		21108	29620
2.38		27079	20173
2.413		16184	10147
2.446		31396	33776
2.495		19056	23772
2.516		20658	24405
2.549		19319	25808
2.587		15177	14350
2.605		8871	4620
2.624		15584	28291
2.676		5597	2687
2.694		12867	12914
2.72		41949	22599
2.76		2772	1493
2.774		10188	8401
2.807		9664	10140
2.82		3814	1653
2.837		6031	3182
2.856		5531	2271
2.872		13052	9156
2.899		8349	5909
2.918		4539	2136
2.95		4711	4132
2.961		5651	2525
2.999	TCX	204767	150334
3.049		9143	7629
3.072		14094	15836
3.115		5224	4160

RT A	Compound A	Height A	Area A
3.135		3735	2294
3.164		5310	3123
3.186		9773	7634
3.208		10649	5539
3.225		4930	2078
3.242		8358	7666
3.306		4883	4340
3.319		32209	16796
3.343		9001	6502
3.397		4508	2454
3.418		6594	5546
3.444		6525	3988
3.469		4968	3252
3.483		9519	5973
3.503		3741	1721
3.533		4599	2903
3.584		6211	3733
3.608		5370	3268
3.655		11735	7745
3.676		9989	8594
3.707		4397	3484
3.748		2793	2066
3.771		42065	38688
3.807		48552	40664
3.858		13948	8783
3.878		4626	1569
3.9		13522	10777
3.928		100034	71322
3.954		88879	59545
3.977		126214	82081
4.034		1757	586
4.054		38313	26075
4.078		15988	11259
4.11		33857	24007
4.146		52535	59604
4.19		17582	14548
4.218		15435	14029
4.248		12409	8341
4.271		27056	17634
4.307		575573	448435
4.352		144186	127061
4.396		1751	2183
4.419		174550	142493
4.463		855838	775861
4.497		192732	158126
4.537		29029	20519
4.56		18990	13025
4.601		159695	149229
4.654		106484	65481
4.67		257775	185476
4.715		687781	594845
4.764		901576	991589
4.801		197197	139566
4.84		2050527	1833038
4.886		42990	37853
4.928		394927	405717
4.961		21573	13626
4.988		411010	380746
5.04		2294530	2781618
5.092		406806	375653
5.131		917121	982231
5.174		19043	9996
5.211		187374	224991
5.245		2216299	1979030
5.267		89893	44641
5.286		35393	15580

RT A	Compound A	Height A	Area A
5.31		1061195	956654
5.353		702169	666548
5.448		246073	204878
5.471		1142475	987932
5.528		697690	646941
5.566		432369	413199
5.608		65116	70759
5.648		407821	412769
5.705		3085362	2772396
5.792		1274	869
5.809		7836	7226
5.909		1922972	1739170
5.939		165451	104170
5.964		378044	410831
6.075		5578	4270
6.099		24705	20225
6.15		54290	41079
6.179		337221	314862
6.331		697120	677091
6.377		50270	45217
6.415		5245	6368
6.471		2586	1539
6.532		120136	112019
6.56		8983	6445
6.607		1719	501
6.647		1217	516
6.679	DCB	91854	89224
6.741		1680	1196
6.804		1926	468
6.843		1499	807
6.93		31332	34039
7.026		1264	308
7.053		2221	1777
7.082		1263	1521
7.114		2872	3821
7.205		1977	1679
7.26		3711	7630
7.325		1270	486
7.374		1656	3436
7.468		2459	1996
7.522		2228	4031
7.684		1899	3898
7.866		2827	6310
7.913		1535	1469
7.995		1475	1306
8.034		2159	1170
8.159		1525	906
8.179		1436	1179
8.241		1163	358
8.584		1054	291
8.676		1763	677

LANCASTER LABORATORIES

Sample Number: 9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:22:38 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: 07pcbs17250009B.0039.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

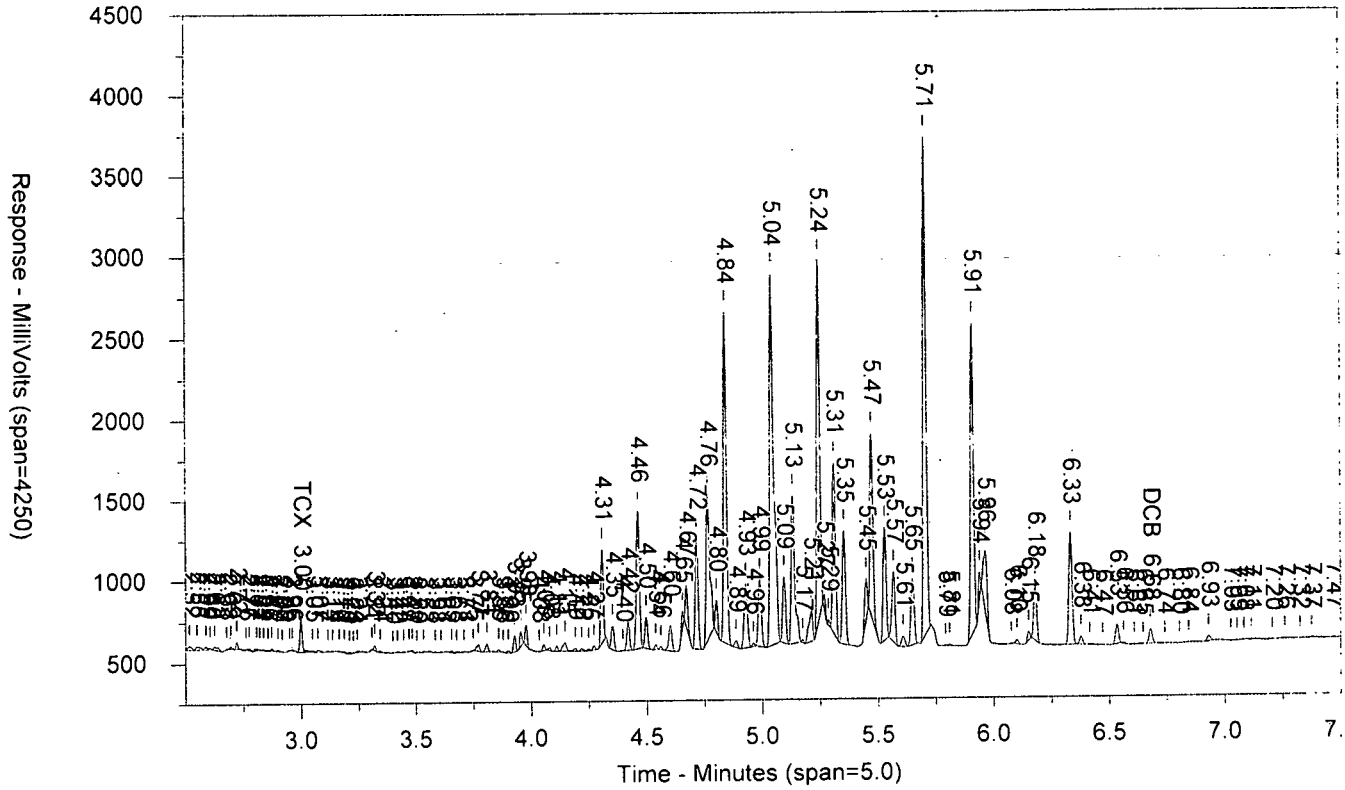
RT B	Compound B	Height B	Area A
1.526		30296	36061
1.568		6056	6150
1.615		13415	11361
1.685		9916	15011
1.712		7243	6219
1.748		10730	15524
1.772		10248	12796
1.804		8826	9500
1.832		23263	24553
1.895		10160	10841
1.913		12499	14650
1.939		11835	8363
1.961		10595	11342
1.993		90343	69421
2.031		14780	31100
2.06		8895	4746
2.083		8635	7569
2.104		9564	8236
2.135		13831	23787
2.202		8685	10518
2.225		5679	3684
2.248		4240	2544
2.266		9515	5276
2.325		4517	4553
2.346		10931	15596
2.4		50390	38105
2.476		4467	4651
2.498		5323	3040
2.523		3231	1983
2.575		9101	9915
2.602		3680	3246
2.651	TCX	199415	124448
2.686		3058	3279
2.713		3210	1286
2.741		5000	6153
2.766		3269	2074
2.846		4679	3264
2.868		5535	5651
2.905		3831	1961
2.948		44165	42182
2.987		3315	2355
3.009		3840	2130
3.044		4886	7265
3.073		3518	3358
3.112		2179	2013
3.128		2680	1004
3.143		6294	2875
3.216		4901	9781
3.264		21398	19750
3.302		10769	8968
3.349		3142	1901
3.393		3662	2714
3.422		26335	19670
3.441		40888	24618

3.472		54438	32031
3.53		17914	15796
3.564		108158	64526
3.587		143211	78781
3.605		170061	93528
3.635		4747	2498
3.69		49872	32607
3.713		20149	10833
3.735		43528	38538
3.765		15348	8045
3.782		37888	25085
3.821		19576	14961
3.864		26979	21119
3.896		7451	5003
3.915		682675	453439
3.94		52514	28675
3.961		93756	53962
3.98		169055	106205
4.016		875636	621576
4.048		185794	116331
4.065		61584	30396
4.087		34899	20954
4.129		23060	22341
4.161		109688	99830
4.182		21608	13801
4.218		239312	170011
4.261		235488	155859
4.279		274805	136236
4.293		622130	338234
4.319		379363	379316
4.371		2107811	1627304
4.41		48254	56703
4.441		256404	174010
4.466		523119	391911
4.509		2636705	2056578
4.612		1860611	1768411
4.665		290860	255860
4.704		559870	482363
4.74		2477827	2073552
4.773		1188708	836057
4.812		851567	686877
4.884		5388	4641
4.912		229375	164911
4.929		38781	19490
4.963		1450411	1124942
4.987		205056	135392
5.038		799728	727521
5.074		413438	334373
5.103		294245	235749
5.135		118890	68948
5.157		3458441	2707612
5.198		71357	53059
5.23		105513	84495
5.349		32412	19598
5.373		553085	460227
5.416		1955404	2101033
5.573		26748	23145
5.618		57438	44108
5.641		14976	9705
5.691		318596	274110
5.798		657584	550982
5.829		39883	27774
5.998		123142	106173
6.111		1632	2051
6.157	DCB	102070	89782
6.246		1470	1760
6.331		4328	3358

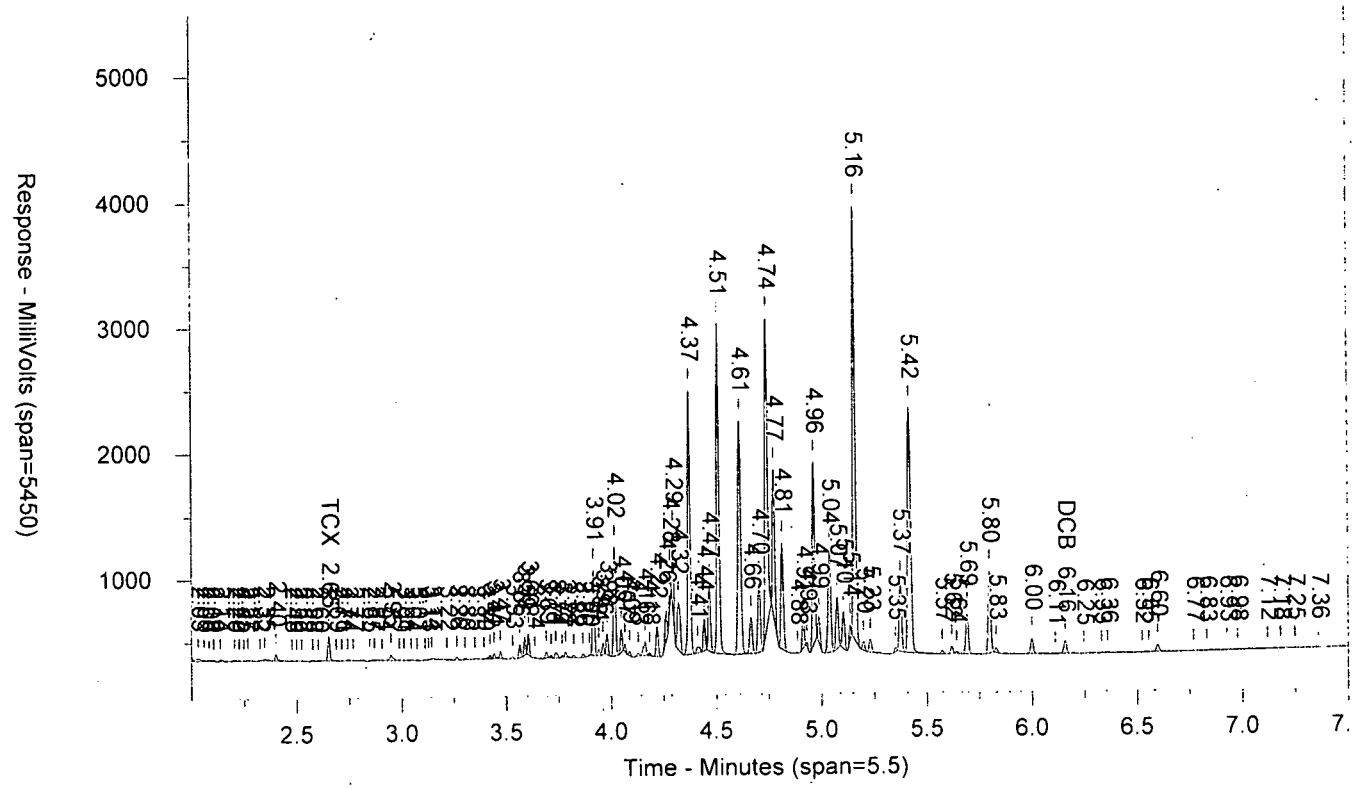
6.359	10246	9489
6.523	2360	5005
6.555	1226	809
6.599	57409	57672
6.769	1418	1591
6.831	1784	1356
6.927	1616	1602
6.977	1019	2495
7.118	1896	5250
7.181	1605	1069
7.248	1064	1625
7.361	1057	1019
7.73	5214	7430
8.201	2633	5563
8.29	9311	16583

9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0039.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0039.RAW



LANCASTER LABORATORIES

Sample Number: 9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:22:38 AM
Sample Weight: 10.41
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

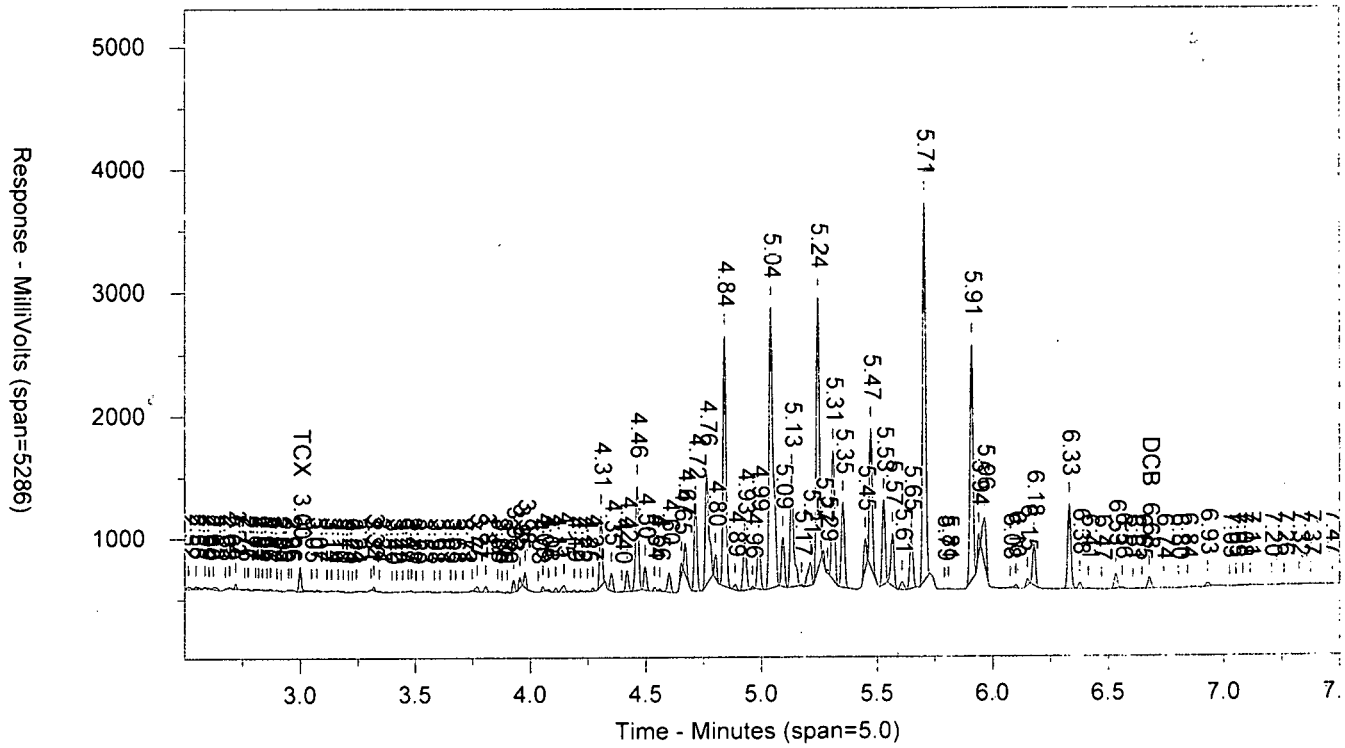
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	204767	25.984	TCX	2.651	199415	24.646	TCX
6.679	91854	32.685	DCB	6.157	102070	30.775	DCB

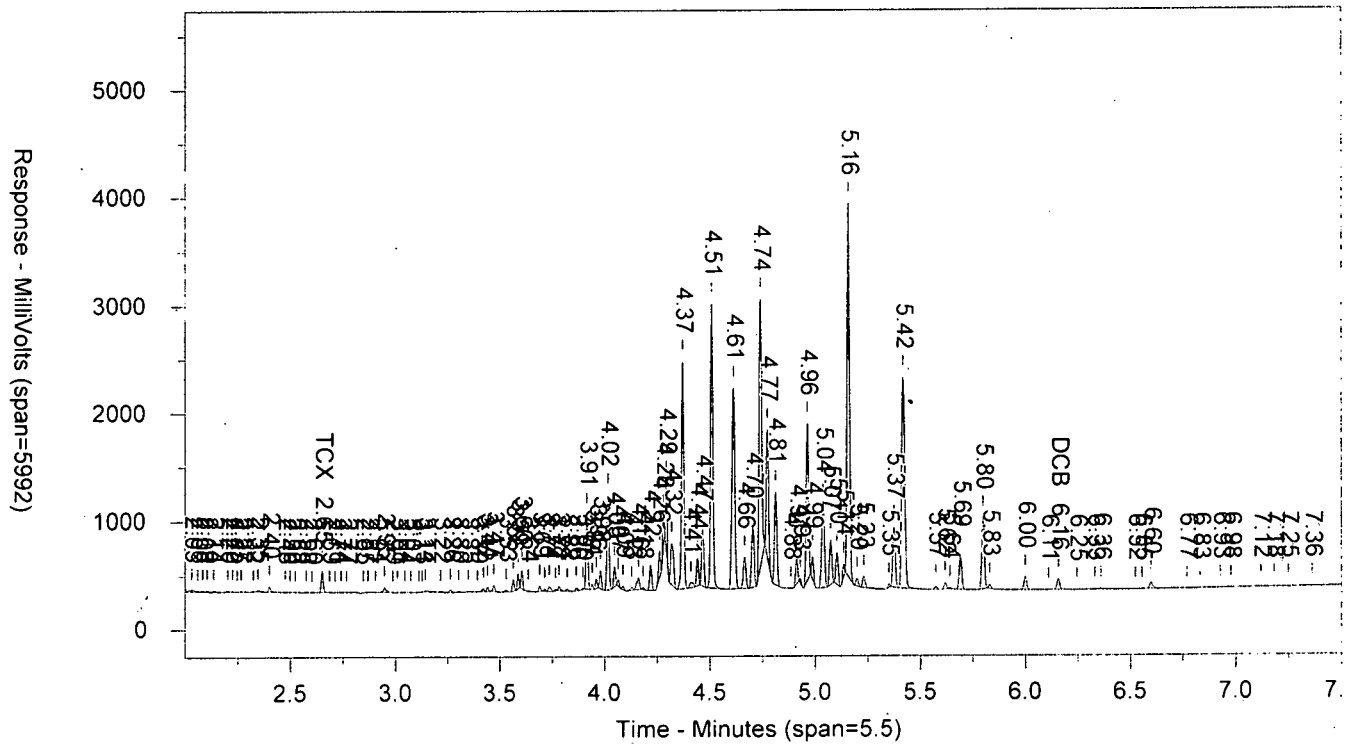
Files:
Area File: 07pcbs17250009.0039.RAW
Area File: 07pcbs17250009B.0039.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 1:31:21 AM
File Reported On: 9/19/2017 at 1:31:34 AM

9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0039.RAW

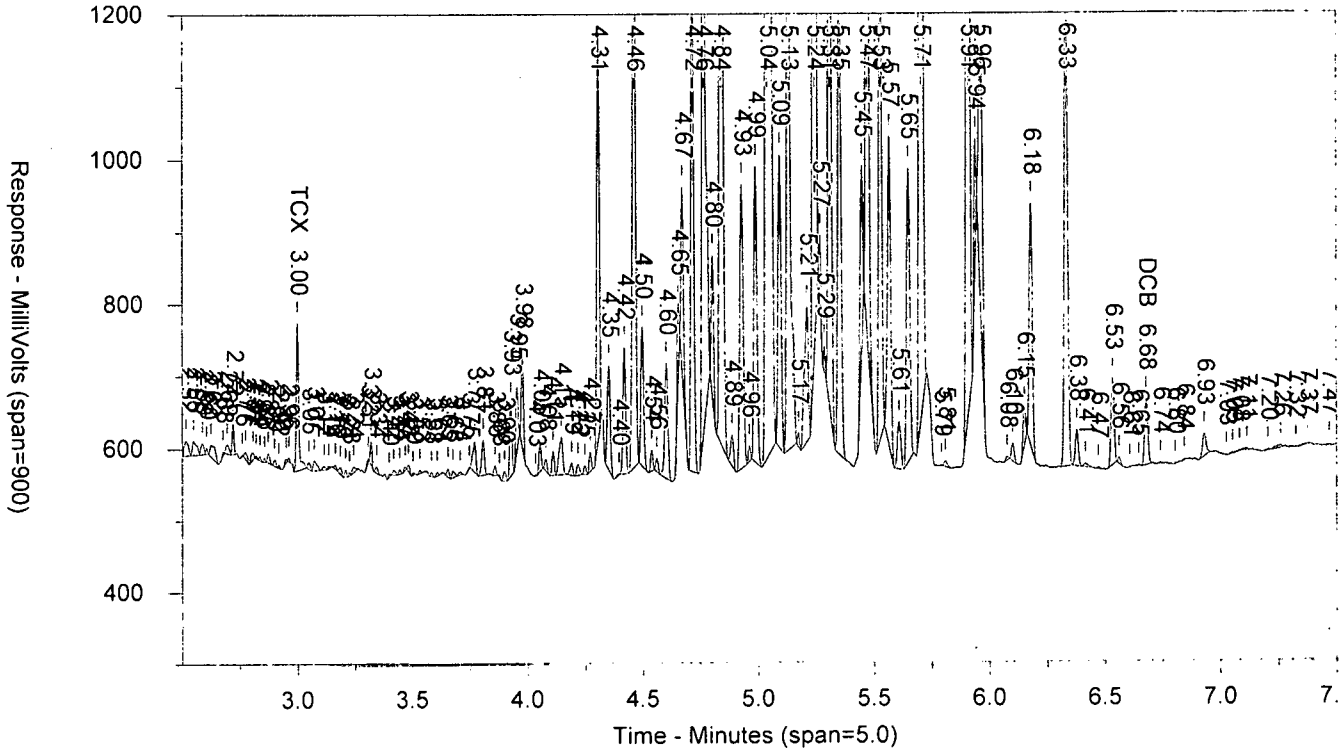


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0039.RAW

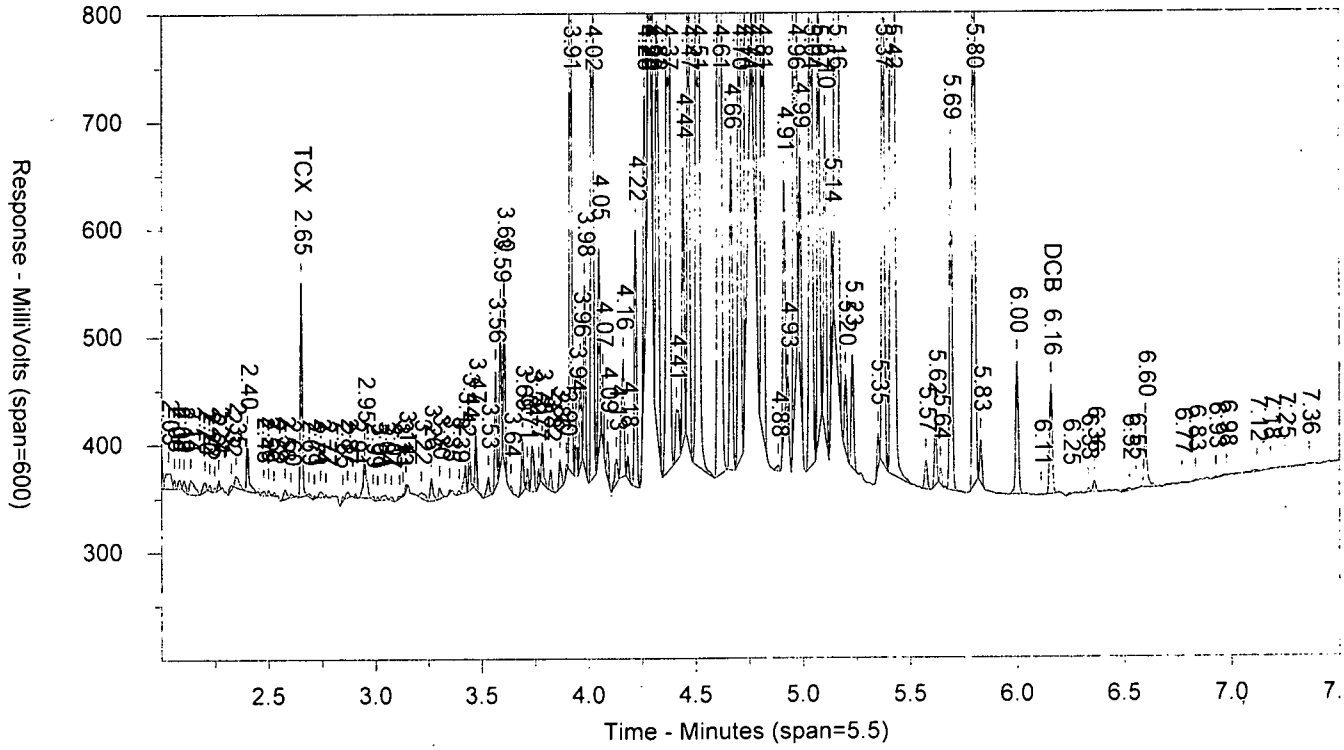


9202698 ACF DF50 AC-131W T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0039.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0039.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202699 ACF DF10 -131E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 100 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 01:34:04
Instrument	19843A
Result file	07PCBS17250009.0040.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 69% (61 - 152) Conc: 20.44427
%SSR(DCB) 105% (48 - 164) Conc: 27.41389

Analysis Report (B)

Injected on	Sep 19, 2017 01:34:04
Instrument	19843B
Result file	07PCBS17250009B.0040.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 72% (61 - 152) Conc: 21.30097
%SSR(DCB) 90% (48 - 164) Conc: 23.4687

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	802453	20.44427
Decachlorobiphenyl	6.65	6.68	6.71	383721	27.41389

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	858432	21.30097
Decachlorobiphenyl	6.13	6.16	6.19	387699	23.4687

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	21.30097				4.10	
☑	Tetrachloro-m-xylene-D1	A	20.44427					
☑	Tetrachloro-m-xylene-D2	B	21.30097					
☐	Decachlorobiphenyl	A	27.41389				15.51	
☑	Decachlorobiphenyl-D1	A	27.41389					
☑	Decachlorobiphenyl-D2	B	23.4687					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**13.23**	
4.82	4.84	4.86	3369480	2232.49552			1
5.02	5.04	5.06	3924673	2649.109528			2
5.23	5.25	5.27	4278583	3043.576906			3
5.45	5.47	5.49	1778605	2184.84613			4
5.69	5.71	5.73	5025063	2520.629716			5
5.89	5.91	5.93	2960487	2270.775521			6

Height summation: **21336891**
Concentration CF: **2483.57222** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.41**	
4.35	4.37	4.39	3746662	2424.259922			1
4.49	4.51	4.53	4596970	2592.949903			2
4.60	4.61	4.64	2926638	2041.559708			3
4.72	4.74	4.76	4711258	2723.432139			4
5.14	5.16	5.18	5541700	2481.208069			5
5.40	5.42	5.44	3191852	2413.25611			6

Height summation: **24715080**
Concentration CF: **2446.110975** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<491.8033	<95.4677	D1		4	
☑	PCB-1221			<491.8033	<147.541	D1		3	
☑	PCB-1232			<491.8033	<118.6114	D1		4	
☑	PCB-1242			<491.8033	<118.6114	D1		4	
☑	PCB-1248			<491.8033	<95.4677	D1		4	
☑	PCB-1254			<491.8033	<127.2903	~~D1~~ D2		4	
☑	PCB-1260	B	2446.110975	491.8033	112.8255	D2	1.52	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 Kirby B Turner on 9/19/2017 14:23:26

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202699** ACF DF10 -131E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 69% (61-152) Conc.: 20.44427
%SSR(DCB) : 105% (48-164) Conc.: 27.41389

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**111.21**	
3.23	3.25	3.27	19415.8	28.479251			1
+ 3.45	3.47	3.49	26074.1	37.364337			2
3.45	3.48	3.49	38743.43	55.519561			2
3.56	3.58	3.60	123547.3	148.514715			3
3.74	3.77	3.78	309793.2	380.368653			4
3.78	3.81	3.82	280771.4	293.740776			5
3.91	3.93	3.95	563490.3	961.069201			6
Height Summation:			**1335761.43**				
Amount Avg CF:			**311.282026**	Linear:			
Aroclor-1221					**3**	**10.79**	
3.13	3.15	3.17	5685.361	18.011442			1
3.18	3.18	3.22	6231.228	21.581457			2
3.23	3.25	3.27	19415.8	22.077816			3
Height Summation:			**31332.389**				
Amount Avg CF:			**20.556905**	Linear:			
Aroclor-1232					**6**	**123.18**	
3.23	3.25	3.27	19415.8	24.275193			1
+ 3.45	3.47	3.49	26074.1	78.069715			2
3.45	3.48	3.49	38743.43	116.003565			2
3.56	3.58	3.60	123547.3	308.718829			3
3.74	3.77	3.78	309793.2	825.211775			4
3.78	3.81	3.82	280771.4	599.319568			5
E 3.91	3.93	3.95	563490.3	2389.338186			6
Height Summation:			**1335761.43**				
Amount Avg CF:			**710.477853**	Linear:			
Aroclor-1242					**6**	**116.39**	
3.23	3.25	3.27	19415.8	21.269688			1
+ 3.45	3.47	3.49	26074.1	28.413009			2
3.45	3.48	3.49	38743.43	42.218809			2
3.56	3.58	3.60	123547.3	112.945984			3
3.74	3.77	3.78	309793.2	257.0256			4
3.78	3.81	3.82	280771.4	212.356868			5
3.91	3.93	3.95	563490.3	755.085822			6
Height Summation:			**1335761.43**				
Amount Avg CF:			**233.483795**	Linear:			
Aroclor-1248					**6**	**81.15**	
3.78	3.81	3.82	280771.4	595.872789			1
3.84	3.86	3.88	35039.89	69.904991			2
3.91	3.93	3.95	563490.3	675.143756			3
4.03	4.05	4.07	303032.3	321.541441			4
4.12	4.15	4.16	261556.8	320.555501			5
4.30	4.31	4.34	1196852	1373.245716			6
+ 4.30	4.33	4.34	241195.6	276.743344			6
Height Summation:			**2640742.69**				
Amount Avg CF:			**559.377366**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0040.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 72% (61-152) Conc.: 21.30097
%SSR(DCB) : 90% (48-164) Conc.: 23.4687

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**133.20**	
2.92	2.95	2.96	87007.41	124.750641			1
+ 3.12	3.14	3.16	22273.31	25.110435			2
3.12	3.15	3.16	29786.71	33.580875			2
3.25	3.26	3.29	149320.7	170.311241			3
+ 3.40	3.42	3.44	221998.5	236.251022			4
+* 3.44	3.44	3.48	292159	331.031524			5
* 3.40	3.44	3.44	292159	310.915895			4
3.44	3.47	3.48	306215.4	346.958165			5
+ 3.57	3.59	3.61	874267.6	1202.645871			6
3.57	3.61	3.61	1121406	1542.610404			6
Height Summation:			**1985895.22**				
Amount Avg CF:			**421.521203**	Linear:			
Aroclor-1221					**3**	**68.60**	
2.80	2.82	2.84	8766.636	23.076885			1
2.86	2.87	2.90	9997.467	41.955178			2
2.92	2.95	2.96	87007.41	92.889463			3
Height Summation:			**105771.513**				
Amount Avg CF:			**52.640509**	Linear:			
Aroclor-1232					**6**	**148.11**	
2.92	2.95	2.96	87007.41	101.968133			1
+ 3.12	3.14	3.16	22273.31	49.734825			2
3.12	3.15	3.16	29786.71	66.51175			2
3.25	3.26	3.29	149320.7	344.728262			3
+ 3.40	3.42	3.44	221998.5	513.373151			4
* 3.40	3.44	3.44	292159	675.61982			4
+* 3.44	3.44	3.48	292159	663.450176			5
3.44	3.47	3.48	306215.4	695.370196			5
E+ 3.57	3.59	3.61	874267.6	2860.468405			6
E 3.57	3.61	3.61	1121406	3669.067037			6
Height Summation:			**1985895.22**				
Amount Avg CF:			**925.544199**	Linear:			
Aroclor-1242					**6**	**137.70**	
2.92	2.95	2.96	87007.41	90.2111			1
+ 3.12	3.14	3.16	22273.31	28.436935			2
3.12	3.15	3.16	29786.71	38.029495			2
3.25	3.26	3.29	149320.7	130.296398			3
+ 3.40	3.42	3.44	221998.5	162.70462			4
+* 3.44	3.44	3.48	292159	239.164693			5
* 3.40	3.44	3.44	292159	214.125857			4
3.44	3.47	3.48	306215.4	250.671422			5
+ 3.57	3.59	3.61	874267.6	951.407821			6
3.57	3.61	3.61	1121406	1220.352257			6
Height Summation:			**1985895.22**				
Amount Avg CF:			**323.947755**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202699** ACF DF10 -131E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	78.77	
4.29	4.31	4.32	1196852	1273.559173			1
4.63	4.65	4.67	477816.7	479.417859			2
+ 4.63	4.67	4.67	317162.3	318.225108			2
4.69	4.72	4.73	2382782	1130.083537			3
4.91	4.93	4.95	1540320	1195.058379			4
5.11	5.13	5.15	1610858	2184.282209			5
5.23	5.25	5.27	4278583	4416.41717			6
Height Summation:			**11487211.7**				
Amount Avg CF:			**1779.803054**	Linear:			
Aroclor-1260					6	13.23	
4.82	4.84	4.86	3369480	2232.49552			1
5.02	5.04	5.06	3924673	2649.109528			2
5.23	5.25	5.27	4278583	3043.576906			3
5.45	5.47	5.49	1778605	2184.84613			4
5.69	5.71	5.73	5025063	2520.629716			5
5.89	5.91	5.93	2960487	2270.775521			6
Height Summation:			**21336891**				
Amount Avg CF:			**2483.57222**	Linear:			
Aroclor-1262					6	32.80	
5.29	5.31	5.33	1638050	1356.26413			1
5.45	5.47	5.49	1778605	1656.542			2
E 5.69	5.71	5.73	5025063	2132.989408			3
5.89	5.91	5.93	2960487	1841.13828			4
5.95	5.97	5.99	556797.2	688.197453			5
6.31	6.33	6.35	1015728	1400.087885			6
Height Summation:			**12974730.2**				
Amount Avg CF:			**1512.536526**	Linear:			
Aroclor-1268					6	97.63	
5.89	5.91	5.93	2960487	1026.338218			1
5.95	5.97	5.99	556797.2	223.227311			2
6.08	6.10	6.12	42446.71	17.732568			3
+ 6.14	6.15	6.18	82636.67	131.488219			4
6.14	6.18	6.18	507607.5	807.685091			4
6.31	6.33	6.35	1015728	1376.981931			5
6.51	6.53	6.55	211324.7	43.526297			6
Height Summation:			**5294391.11**				
Amount Avg CF:			**582.581903**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0040.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	72.12	
+ 3.44	3.44	3.48	292159	722.768177			1
3.44	3.47	3.48	306215.4	757.542114			1
3.51	3.53	3.55	47902.11	86.445288			2
3.55	3.56	3.59	613552.2	642.989268			3
+ 3.67	3.67	3.71	10127.82	8.827617			4
3.67	3.69	3.71	363430.4	316.773447			4
+ 3.76	3.77	3.80	18227.62	22.976445			5
3.76	3.78	3.80	262682.4	331.118802			5
3.90	3.92	3.94	1833234	1214.806278			6
Height Summation:			**3427016.51**				
Amount Avg CF:			**558.279199**	Linear:			
Aroclor-1254					6	82.00	
4.20	4.22	4.24	790176.1	660.261322			1
+ 4.26	4.26	4.30	384769	181.832925			2
4.26	4.28	4.30	1556460	735.546978			2
+ 4.26	4.29	4.30	617426.5	291.781476			2
4.35	4.37	4.39	3746662	3769.459915			3
4.42	4.44	4.46	1231564	942.269521			4
4.64	4.66	4.68	844475.1	917.728376			5
4.72	4.74	4.76	4711258	3231.429331			6
Height Summation:			**12880595.2**				
Amount Avg CF:			**1709.449241**	Linear:			
Aroclor-1260					6	9.41	
4.35	4.37	4.39	3746662	2424.259922			1
4.49	4.51	4.53	4596970	2592.949903			2
4.60	4.61	4.64	2926638	2041.559708			3
4.72	4.74	4.76	4711258	2723.432139			4
5.14	5.16	5.18	5541700	2481.208069			5
5.40	5.42	5.44	3191852	2413.25611			6
Height Summation:			**24715080**				
Amount Avg CF:			**2446.110975**	Linear:			
Aroclor-1262					6	29.96	
4.76	4.77	4.80	1811024	1070.681242			1
4.95	4.96	4.99	2140526	1359.894807			2
5.14	5.16	5.18	5541700	1908.097521			3
5.36	5.37	5.40	857744.8	816.569118			4
5.40	5.42	5.44	3191852	1801.393641			5
5.78	5.80	5.82	1058084	1395.266523			6
Height Summation:			**14600930.8**				
Amount Avg CF:			**1391.983809**	Linear:			
Aroclor-1268					6	125.12	
5.36	5.37	5.40	857744.8	285.006835			1
5.40	5.42	5.44	3191852	1106.144364			2
5.56	5.57	5.60	49970.61	20.713498			3
5.62	5.64	5.66	24906.74	42.411045			4
5.78	5.80	5.82	1058084	1279.370522			5
5.98	6.00	6.02	201561.1	35.413639			6
Height Summation:			**5384119.25**				
Amount Avg CF:			**461.509984**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202699 ACF DF10 -131E Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.37 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0040.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 01:34:04
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.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			491.8033	95.4677		30.09	4	40	
Aroclor-1221			491.8033	147.541		** 87.66	3	40	
Aroclor-1232			491.8033	118.6114	E	26.29	4	40	
Aroclor-1242			491.8033	118.6114		32.46	4	40	
Aroclor-1248			491.8033	95.4677		0.20	4	40	
Aroclor-1254			491.8033	127.2903		4.03	4	40	
Aroclor-1260			491.8033	112.8255		1.52	4	40	
Aroclor-1262			491.8033	95.4677	E	8.30	4	40	
Aroclor-1268			491.8033	95.4677		23.19	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:34:04 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: 07pcbs17250009.0040.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.526		8166	4560
1.545		49110	57022
1.584		20762	42379
1.641		112132	126829
1.697		23630	28392
1.718		15138	11549
1.747		39466	35238
1.772		4339	1755
1.795		26697	19984
1.816		1223013	1127320
1.893		39529	35234
1.919		29394	31225
1.941		20570	15987
1.965		16976	20293
1.986		26378	18492
2.003		34036	27888
2.029		19358	16571
2.051		22875	17422
2.068		40819	44189
2.09		30372	23502
2.134		297581	394594
2.159		48811	33854
2.174		47171	49502
2.197		26436	23298
2.215		26939	23674
2.242		12190	7310
2.269		96645	60402
2.29		10772	4895
2.323		8000	4106
2.338		21834	20734
2.38		46510	36652
2.396		20628	11447
2.414		19872	11363
2.446		31216	29931
2.463		34090	36389
2.506		38454	77570
2.548		14196	8462
2.587		22574	20661
2.604		11101	6436
2.634		21666	31730
2.7		15651	25183
2.72		71607	41328
2.737		5459	2783
2.759		2756	994
2.772		7624	5857
2.817		11904	19473
2.837		6033	3759
2.871		12628	11008
2.899		4852	2977
2.921		2562	2104
2.961		19802	16941
2.999	TCX	802453	547623
3.052		10238	8383

RT A	Compound A	Height A	Area A
3.071		7841	4673
3.118		3916	2703
3.151		5685	6204
3.185		6231	5837
3.225		2698	891
3.251		19416	23496
3.279		3863	1774
3.306		8714	9014
3.319		60323	32998
3.345		16947	10588
3.397		2871	1157
3.419		3252	2308
3.444		4841	2634
3.466		26074	14482
3.483		38743	22792
3.504		2892	951
3.539		4767	5608
3.582		123547	80300
3.613		5544	3570
3.65		29642	24274
3.69		7259	6519
3.77		309793	411655
3.808		280771	221610
3.86		35040	24076
3.9		91168	66528
3.928		563490	397592
3.954		786409	532713
3.978		973608	674322
4.054		303032	226419
4.079		276599	197107
4.111		352662	259401
4.146		261557	241891
4.191		109872	93320
4.218		52531	38087
4.271		97297	71496
4.307		1196852	865776
4.326		241196	123285
4.351		987431	835923
4.388		3859	2820
4.42		502846	426195
4.462		1956607	1977717
4.498		907147	776825
4.539		156668	111701
4.561		110645	75999
4.603		480838	444841
4.654		477817	322578
4.671		317162	287815
4.716		2382782	2043530
4.765		1392026	1504711
4.802		339632	217533
4.842		3369480	2985607
4.889		190647	171076
4.93		1540320	1432694
4.962		35934	22998
4.99		732576	663045
5.041		3924673	4699575
5.094		584550	533688
5.132		1610858	1718838
5.175		97567	60133
5.212		327481	388635
5.245		4278583	3634405
5.268		181248	92007
5.287		65036	30137
5.312		1638050	1441286
5.354		1054381	1002692
5.45		580365	450386

RT A	Compound A	Height A	Area A
5.473		1778605	1453847
5.529		1134721	959434
5.567		638037	615202
5.61		91559	99337
5.65		694043	692152
5.674		19747	10076
5.707		5025063	4406619
5.731		26165	51316
5.778		5640	4748
5.813		4193	2989
5.868		2669	3635
5.91		2960487	2719689
5.941		202186	139777
5.966		556797	592435
6.077		14919	11348
6.101		42447	33667
6.152		82637	63090
6.18		507608	465234
6.334		1015728	1018217
6.378		78929	70563
6.417		2849	1491
6.507		1493	664
6.535		211325	221207
6.644		1812	1130
6.682	DCB	383721	389691
6.744		6223	5162
6.9		4326	3703
6.932		121671	146560
7.049		7023	8253
7.081		1339	490
7.143		1400	1063
7.189		1865	491
7.201		1481	640
7.252		1918	1331
7.269		2010	1280
7.304		1442	745
7.375		1689	1059
7.426		1702	1263
7.452		1171	672
7.527		2539	5445
7.55		1871	1959
7.572		1754	416
7.582		2016	761
7.664		2011	1082
7.709		1381	627
7.757		1961	897
7.796		1947	1363
7.857		6086	10392
7.912		1513	2081
7.93		1456	829
7.954		1813	795
7.984		909	766
8.008		1487	1237
8.025		2287	1567
8.082		1267	420
8.182		10345	15750
8.241		1623	2460
8.252		1765	810
8.286		1653	1213
8.303		1533	471
8.343		1698	829
8.403		1470	769
8.42		2261	817
8.453		1478	461
8.508		1724	720
8.587		1213	627

RT A	Compound A	Height A	Area A
8.624		1305	260

LANCASTER LABORATORIES

Sample Number: 9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:34:04 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: 07pcbs17250009B.0040.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

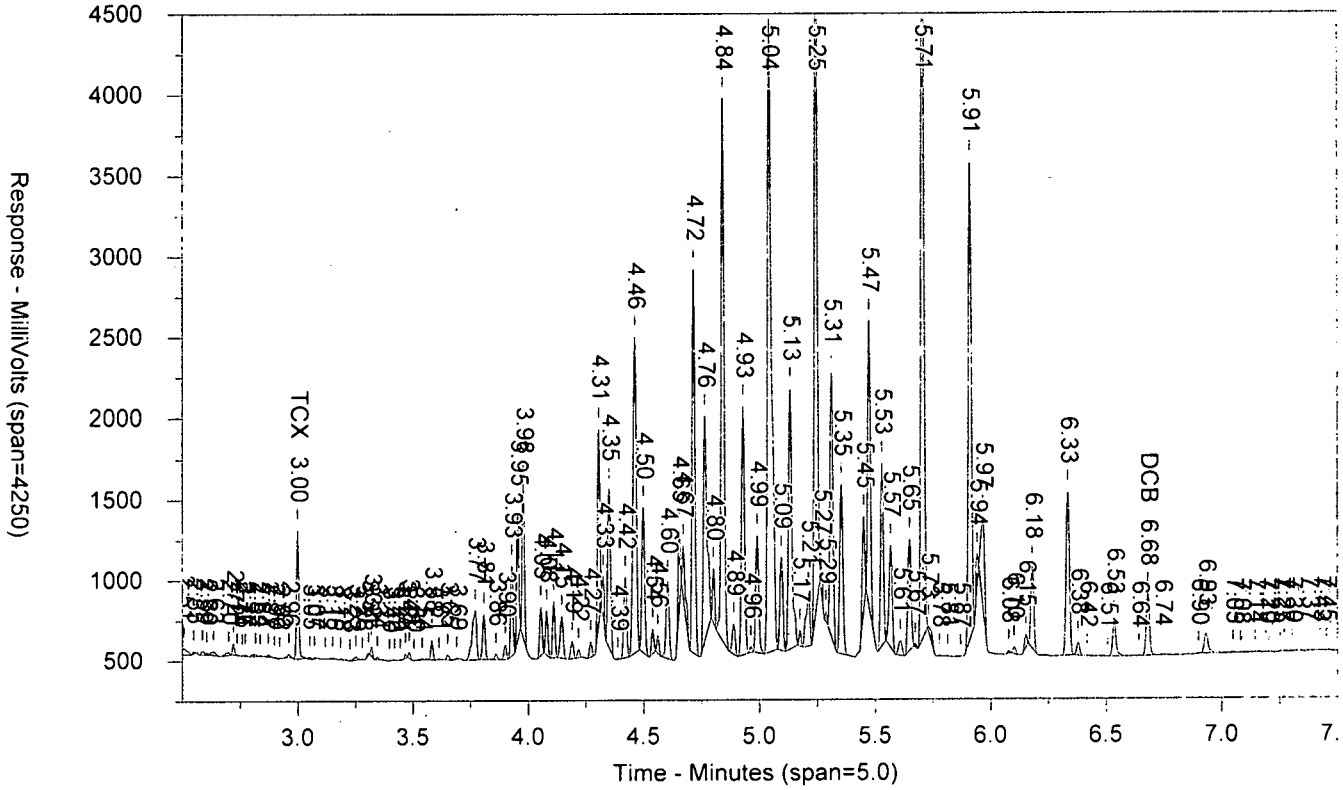
RT B	Compound B	Height B	Area A
1.509		1591811	1167027
1.615		12330	14173
1.685		15547	19748
1.713		347511	308834
1.771		9970	9941
1.802		4694	3614
1.832		25258	19295
1.877		10649	8215
1.895		20922	13451
1.913		10817	8169
1.939		8711	5132
1.965		8566	6978
1.993		136776	100233
2.022		25389	37279
2.059		12247	8788
2.084		7201	5513
2.104		6958	4843
2.135		9504	12938
2.199		11344	11575
2.225		6494	3952
2.25		5013	2643
2.266		10431	5709
2.303		9094	4866
2.355		16397	27183
2.401		75329	51029
2.456		1761	1565
2.469		3614	3233
2.5		4325	3538
2.526		2644	1544
2.575		7665	6995
2.616		7524	9467
2.651	TCX	858432	525618
2.689		5023	4693
2.738		2971	3715
2.779		2683	1310
2.821		8767	6490
2.851		2565	2437
2.869		9997	7676
2.905		3394	2538
2.947		87007	77634
3.008		3785	2167
3.046		12100	12475
3.07		4801	4675
3.108		2154	1462
3.142		22273	10478
3.153		29787	13276
3.193		4000	2725
3.216		6146	4107
3.262		149321	92134
3.302		15096	10927
3.35		28175	32614
3.39		5286	2724
3.422		221999	158980
3.441		292159	172850

3.472	306215	184210
3.529	47902	44942
3.564	613552	381022
3.587	874268	474055
3.606	1121407	629808
3.636	23942	12781
3.671	10128	4901
3.691	363430	214684
3.714	284794	162956
3.734	375570	275692
3.765	18228	8434
3.782	262682	183186
3.822	96229	73179
3.864	77512	64590
3.894	105712	60063
3.916	1833235	1189739
3.941	611114	358956
3.961	456209	254230
3.981	476949	290203
4.017	2075946	1444908
4.048	890965	559646
4.066	259061	129476
4.088	167177	100574
4.109	11329	5076
4.127	139071	104458
4.162	422812	308910
4.183	72340	47765
4.219	790176	569544
4.261	384769	314732
4.281	1556460	836315
4.293	617427	262926
4.318	608692	593554
4.372	3746663	2871318
4.41	202183	181565
4.442	1231564	843652
4.467	925572	650080
4.51	4596971	3516063
4.613	2926638	2885878
4.664	844475	719442
4.705	931730	822626
4.742	4711258	3937216
4.774	1811024	1207231
4.813	1291181	1013080
4.884	15396	17414
4.913	311492	221386
4.929	86381	48971
4.964	2140526	1666067
4.988	517226	354798
5.039	1238989	1102383
5.074	649523	501169
5.104	444773	358881
5.136	283679	169931
5.158	5541700	4370213
5.199	103814	74204
5.231	153134	127296
5.272	5466	3978
5.351	46218	29406
5.374	857745	710647
5.417	3191852	3409429
5.574	49971	40527
5.619	100343	75598
5.642	24907	16148
5.665	9230	5340
5.691	508329	419676
5.729	2176	1974
5.799	1058084	881845
5.831	60655	45249

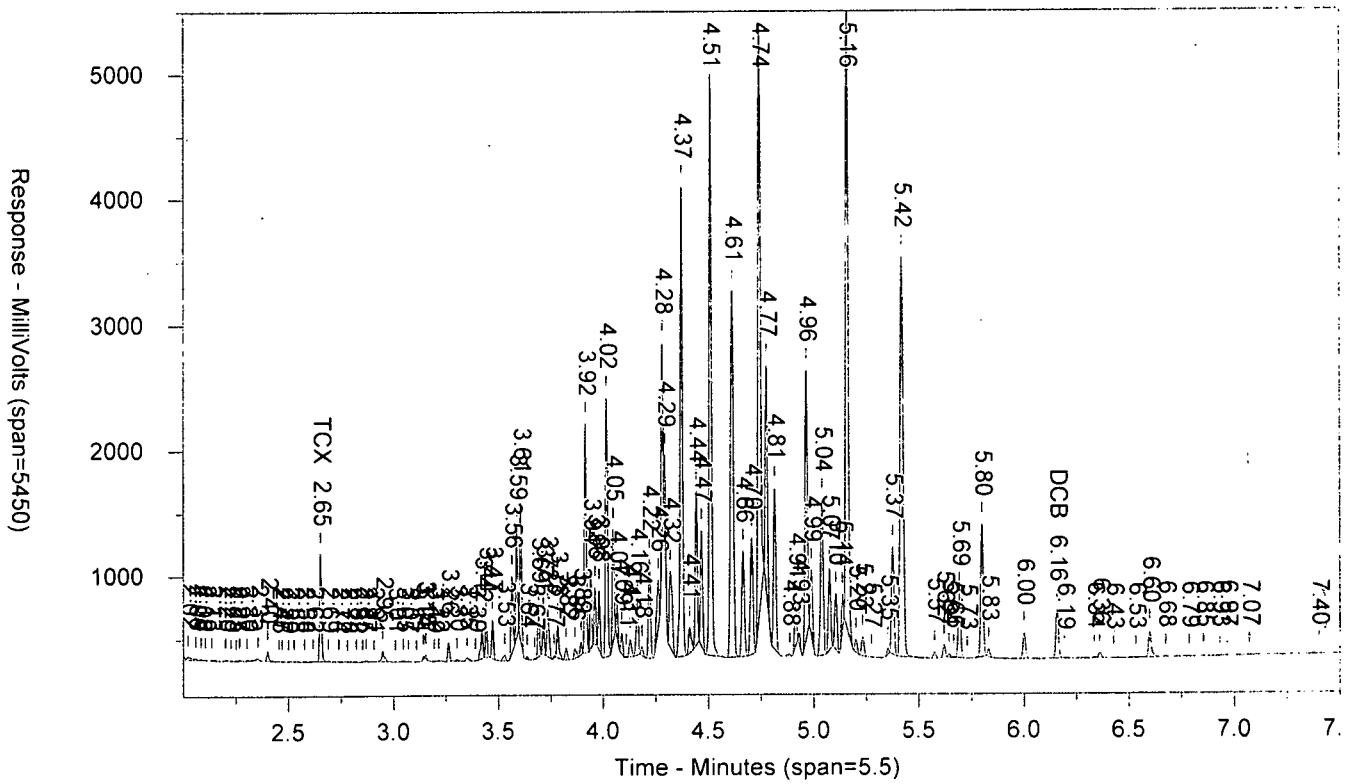
5.999		201561	176593
6.158	DCB	387699	339262
6.193		3504	3586
6.335		7916	5691
6.361		39574	37181
6.427		1502	1505
6.533		2040	3730
6.6		207355	207935
6.676		9820	8917
6.786		2210	1969
6.854		3590	3169
6.931		2087	2722
6.967		2783	3013
7.07		4592	5072
7.401		991	4460
7.624		1704	4397
7.733		19092	25267
8.192		8663	17468
8.293		7392	12700
8.437		2421	3272
8.518		15263	30395

9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0040.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0040.RAW



LANCASTER LABORATORIES

Sample Number: 9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:34:04 AM
Sample Weight: 10.37
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

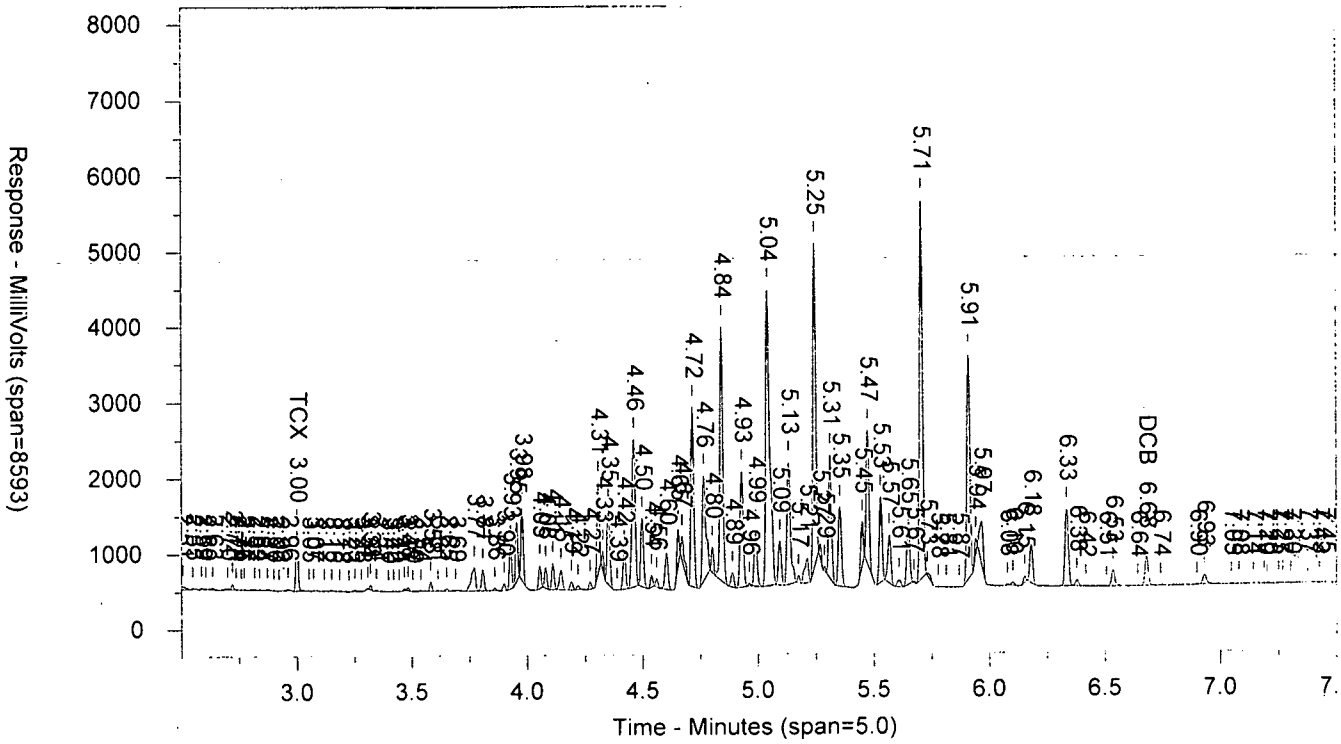
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	802453	20.444	TCX	2.651	858432	21.301	TCX
6.682	383721	27.414	DCB	6.158	387699	23.469	DCB

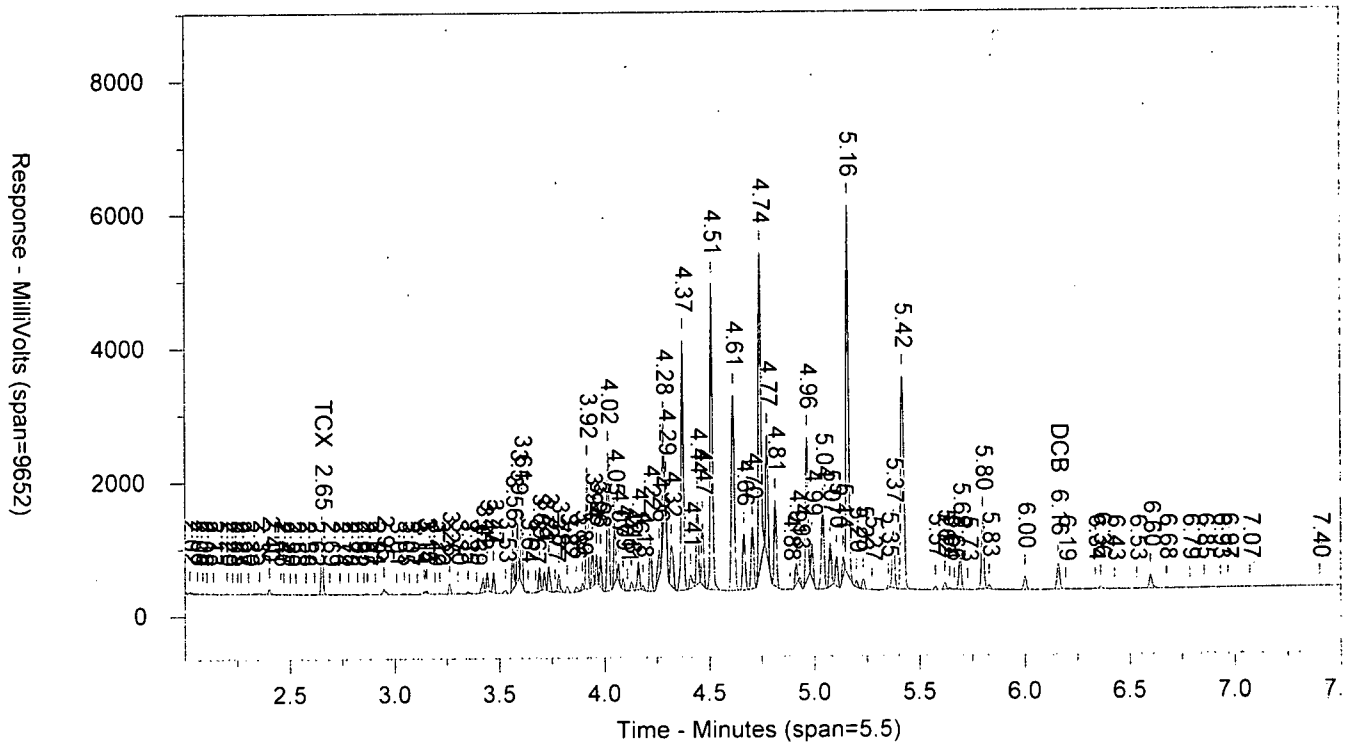
Files:
Area File: 07pcbs17250009.0040.RAW
Area File: 07pcbs17250009B.0040.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 1:42:47 AM
File Reported On: 9/19/2017 at 1:42:58 AM

9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0040.RAW

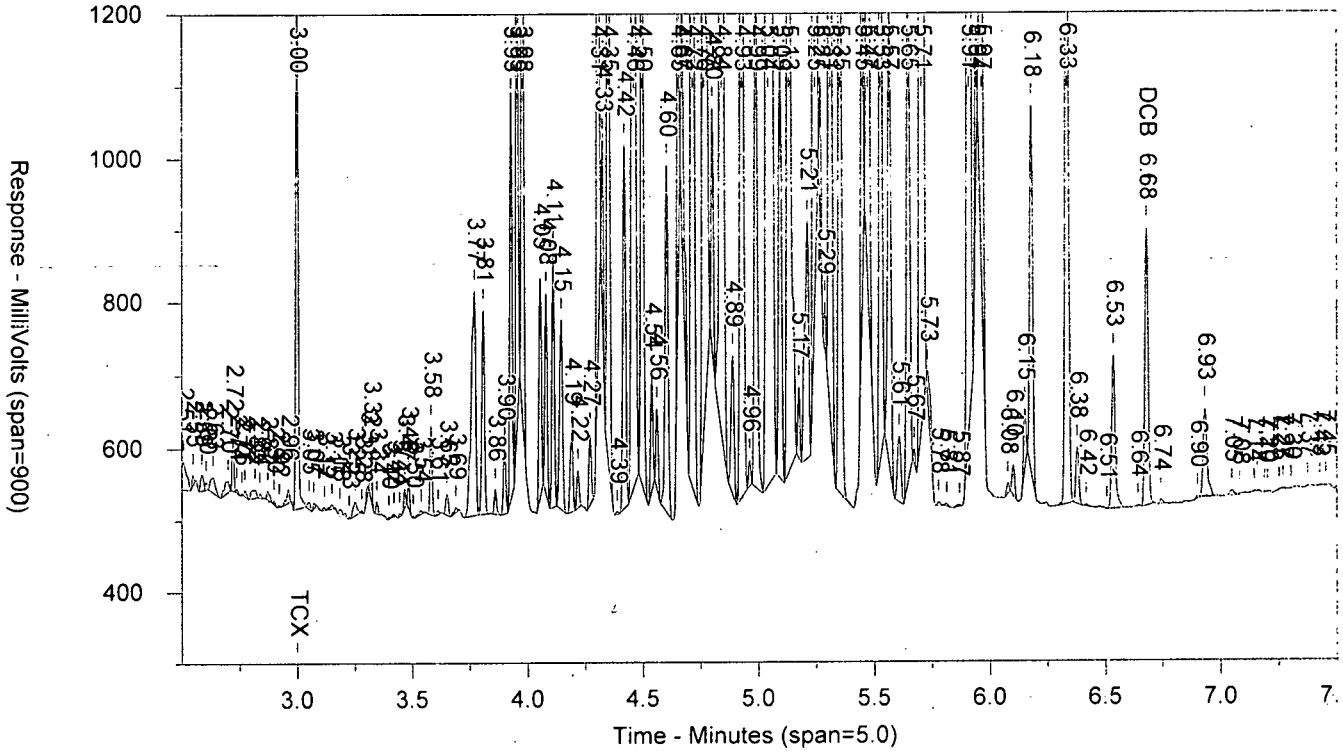


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0040.RAW

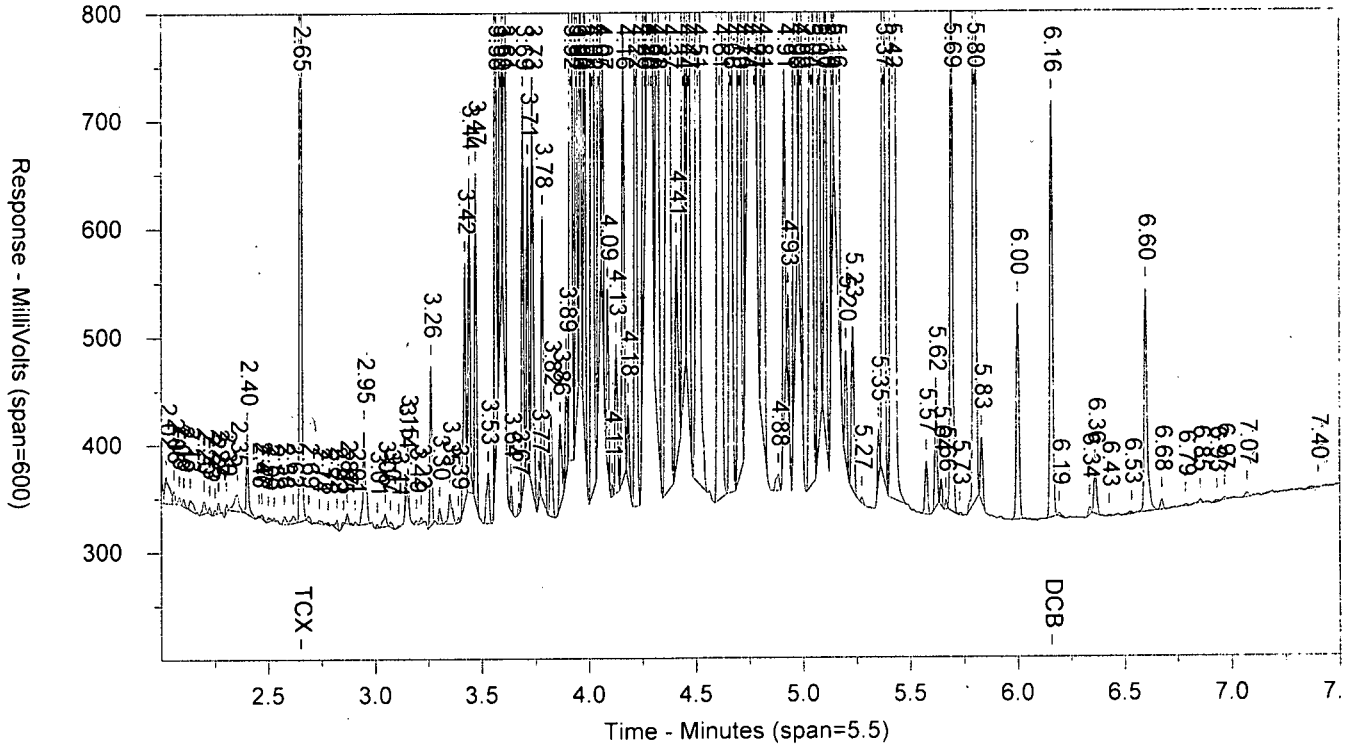


9202699 ACF DF10 AC-131E T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0040.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0040.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202700 ACF DF50 -132W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 01:45:33
Instrument	19843A
Result file	07PCBS17250009.0041.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 101% (61 - 152) Conc: 30.64185
%SSR(DCB) 120% (48 - 164) Conc: 32.21597

Analysis Report (B)

Injected on	Sep 19, 2017 01:45:33
Instrument	19843B
Result file	07PCBS17250009B.0041.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 96% (61 - 152) Conc: 28.8711
%SSR(DCB) 129% (48 - 164) Conc: 34.70769

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	234512	30.64185
Decachlorobiphenyl	6.65	6.68	6.71	87926	32.21597

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	226868	28.8711
Decachlorobiphenyl	6.13	6.16	6.19	111798	34.70769

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	30.64185				5.95	
☑	Tetrachloro-m-xylene-D1	A	30.64185					
☑	Tetrachloro-m-xylene-D2	B	28.8711					
☐	Decachlorobiphenyl	B	34.70769				7.45	
☑	Decachlorobiphenyl-D1	A	32.21597					
☑	Decachlorobiphenyl-D2	B	34.70769					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**7.60**	
4.82	4.84	4.86	2713391	9220.143885			1
5.02	5.04	5.06	3008718	10415.389758			2
5.23	5.25	5.27	2959008	10795.134638			3
5.45	5.47	5.49	1652170	10408.632739			4
5.69	5.71	5.73	4429403	11394.895364			5
5.89	5.91	5.93	2450440	9639.460405			6

Height summation: **17213130**
Concentration CF: **10312.276132** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**8.41**	
4.35	4.37	4.39	2850961	9460.706026			1
4.49	4.51	4.53	3497318	10117.080015			2
4.60	4.61	4.64	2519513	9013.786917			3
4.72	4.74	4.76	3505385	10392.331686			4
5.14	5.16	5.18	4916756	11290.064808			5
5.40	5.42	5.44	2810678	10898.566242			6

Height summation: **20100611**
Concentration CF: **10195.422616** 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~~ D2		4	
☑	PCB-1260	B	10195.422616	2522.2552	578.635	D2	1.14	4	

Units: ug/kg

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

VLT047 9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:28

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202700** ACF DF50 -132W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:45:33
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0041.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 101% (61-152) Conc.: 30.64185
%SSR(DCB) : 120% (48-164) Conc.: 32.21597

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**119.41**	
3.23	3.25	3.27	6593.777	49.602679			1
+ 3.45	3.45	3.49	3310.669	24.331076			2
+ 3.45	3.47	3.49	6004.364	44.12783			2
3.45	3.48	3.49	7766.986	57.081856			2
3.56	3.58	3.60	5844.038	36.028557			3
3.74	3.77	3.78	38993.51	245.540295			4
3.78	3.81	3.82	46071.3	247.194864			5
3.91	3.93	3.95	87821.18	768.183702			6
Height Summation:			**193090.791**				
Amount Avg CF:			**233.938659**	Linear:			
Aroclor-1221					**2**	**79.66**	
+ 3.18	3.18	3.22	7137.781	126.785017			2
3.18	3.21	3.22	7748.527	137.633409			2
3.23	3.25	3.27	6593.777	38.453217			3
Height Summation:			**14342.304**				
Amount Avg CF:			**88.043313**	Linear:			
Aroclor-1232					**6**	**133.76**	
3.23	3.25	3.27	6593.777	42.280417			1
+ 3.45	3.45	3.49	3310.669	50.837787			2
+ 3.45	3.47	3.49	6004.364	92.201479			2
3.45	3.48	3.49	7766.986	119.267852			2
3.56	3.58	3.60	5844.038	74.892874			3
3.74	3.77	3.78	38993.51	532.700949			4
3.78	3.81	3.82	46071.3	504.351901			5
3.91	3.93	3.95	87821.18	1909.80072			6
Height Summation:			**193090.791**				
Amount Avg CF:			**530.549119**	Linear:			
Aroclor-1242					**6**	**124.96**	
3.23	3.25	3.27	6593.777	37.045691			1
+ 3.45	3.45	3.49	3310.669	18.502111			2
+ 3.45	3.47	3.49	6004.364	33.556181			2
3.45	3.48	3.49	7766.986	43.406827			2
3.56	3.58	3.60	5844.038	27.399849			3
3.74	3.77	3.78	38993.51	165.918356			4
3.78	3.81	3.82	46071.3	178.70698			5
3.91	3.93	3.95	87821.18	603.540954			6
Height Summation:			**193090.791**				
Amount Avg CF:			**176.003109**	Linear:			
Aroclor-1248					**6**	**159.06**	
3.78	3.81	3.82	46071.3	501.451296			1
3.84	3.86	3.88	18356.97	187.820958			2
3.91	3.93	3.95	87821.18	539.64317			3
4.03	4.05	4.07	29488.4	160.471106			4
4.12	4.15	4.16	52490.71	329.926554			5
4.30	4.31	4.34	698392.8	4109.653076			6
Height Summation:			**932621.36**				
Amount Avg CF:			**971.49436**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:45:33
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0041.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 96% (61-152) Conc.: 28.8711
%SSR(DCB) : 129% (48-164) Conc.: 34.70769

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**114.34**	
2.92	2.95	2.96	28089.63	206.552363			1
3.12	3.14	3.16	12467.76	72.086761			2
3.25	3.26	3.29	22032.38	128.879047			3
+ 3.40	3.42	3.44	22309.75	121.763175			4
* 3.40	3.44	3.44	33814.63	184.555036			4
+* 3.44	3.44	3.48	33814.63	196.495373			5
3.44	3.47	3.48	48899.94	284.155467			5
+ 3.57	3.59	3.61	127955.1	902.710692			6
3.57	3.61	3.61	150732.3	1063.401606			6
Height Summation:			**296036.64**				
Amount Avg CF:			**323.271713**	Linear:			
Aroclor-1221					**2**	**27.76**	
2.86	2.87	2.90	4800.79	103.325116			2
2.92	2.95	2.96	28089.63	153.799114			3
Height Summation:			**32890.42**				
Amount Avg CF:			**128.562115**	Linear:			
Aroclor-1232					**6**	**135.61**	
2.92	2.95	2.96	28089.63	168.830867			1
3.12	3.14	3.16	12467.76	142.778191			2
3.25	3.26	3.29	22032.38	260.865046			3
+ 3.40	3.42	3.44	22309.75	264.591215			4
+* 3.44	3.44	3.48	33814.63	393.814125			5
* 3.40	3.44	3.44	33814.63	401.037844			4
3.44	3.47	3.48	48899.94	569.501636			5
+ 3.57	3.59	3.61	127955.1	2147.078766			6
3.57	3.61	3.61	150732.3	2529.278792			6
Height Summation:			**296036.64**				
Amount Avg CF:			**678.715396**	Linear:			
Aroclor-1242					**6**	**116.79**	
2.92	2.95	2.96	28089.63	149.364491			1
3.12	3.14	3.16	12467.76	81.63644			2
3.25	3.26	3.29	22032.38	98.598751			3
+ 3.40	3.42	3.44	22309.75	83.857547			4
+* 3.44	3.44	3.48	33814.63	141.964593			5
* 3.40	3.44	3.44	33814.63	127.101914			4
3.44	3.47	3.48	48899.94	205.297532			5
+ 3.57	3.59	3.61	127955.1	714.13043			6
3.57	3.61	3.61	150732.3	841.2523			6
Height Summation:			**296036.64**				
Amount Avg CF:			**250.541905**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202700** ACF DF50 -132W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:45:33
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0041.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	100.48	
4.29	4.31	4.32	698392.8	3811.325468			1
+ 4.63	4.65	4.67	84522.95	434.935779			2
4.63	4.67	4.67	356534.8	1834.646576			2
4.69	4.72	4.73	809857.6	1969.847042			3
4.91	4.93	4.95	411129.1	1635.889593			4
5.11	5.13	5.15	1197651	8328.741379			5
5.23	5.25	5.27	2959008	15664.403906			6
Height Summation:			6432573.3				
Amount Avg CF:			5540.808994	Linear:			
Aroclor-1260					6	7.60	
4.82	4.84	4.86	2713391	9220.143885			1
5.02	5.04	5.06	3008718	10415.389758			2
5.23	5.25	5.27	2959008	10795.134638			3
5.45	5.47	5.49	1652170	10408.632739			4
5.69	5.71	5.73	4429403	11394.895364			5
5.89	5.91	5.93	2450440	9639.460405			6
Height Summation:			17213130				
Amount Avg CF:			10312.276132	Linear:			
Aroclor-1262					6	31.84	
5.29	5.31	5.33	1482512	6295.249456			1
5.45	5.47	5.49	1652170	7891.78563			2
5.69	5.71	5.73	4429403	9642.507572			3
5.89	5.91	5.93	2450440	7815.646851			4
5.95	5.96	5.99	494005	3131.446297			5
6.31	6.33	6.35	925702.4	6544.053904			6
Height Summation:			11434232.4				
Amount Avg CF:			6886.781618	Linear:			
Aroclor-1268					6	98.65	
5.89	5.91	5.93	2450440	4356.814014			1
5.95	5.96	5.99	494005	1015.732235			2
6.08	6.10	6.12	36364.13	77.910931			3
+ 6.14	6.15	6.18	69305.48	565.560691			4
6.14	6.18	6.18	461371.1	3764.974405			4
6.31	6.33	6.35	925702.4	6436.055964			5
6.51	6.53	6.55	170507.7	180.112173			6
Height Summation:			4538390.33				
Amount Avg CF:			2638.599954	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:45:33
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0041.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	131.33	
+ 3.44	3.44	3.48	33814.63	429.024405			1
3.44	3.47	3.48	48899.94	620.41985			1
3.51	3.53	3.55	18765.57	173.678496			2
3.55	3.56	3.59	101284.4	544.367728			3
3.67	3.69	3.71	39471.43	176.444442			4
+ 3.76	3.77	3.80	16171.36	104.543496			5
3.76	3.78	3.80	37700.44	243.723211			5
3.90	3.92	3.94	791707.9	2690.615922			6
Height Summation:			1037829.68				
Amount Avg CF:			741.541608	Linear:			
Aroclor-1254					6	113.07	
4.20	4.22	4.24	242307.4	1038.379845			1
+ 4.26	4.26	4.30	336069.2	814.514404			2
+ 4.26	4.28	4.30	297191.5	720.288433			2
4.26	4.29	4.30	870774.5	2110.45336			2
4.35	4.37	4.39	2850961	14710.366575			3
4.42	4.44	4.46	233711.1	917.054408			4
4.64	4.67	4.68	373400.2	2081.131214			5
4.72	4.74	4.76	3505385	12330.795744			6
Height Summation:			8076539.2				
Amount Avg CF:			5531.363524	Linear:			
Aroclor-1260					6	8.41	
4.35	4.37	4.39	2850961	9460.706026			1
4.49	4.51	4.53	3497318	10117.080015			2
4.60	4.61	4.64	2519513	9013.786917			3
4.72	4.74	4.76	3505385	10392.331686			4
5.14	5.16	5.18	4916756	11290.064808			5
5.40	5.42	5.44	2810678	10898.566242			6
Height Summation:			20100611				
Amount Avg CF:			10195.422616	Linear:			
Aroclor-1262					6	28.07	
4.76	4.77	4.80	1709928	5184.554182			1
4.95	4.96	4.99	1977210	6442.214953			2
5.14	5.16	5.18	4916756	8682.280597			3
5.36	5.37	5.40	795018.1	3881.588379			4
5.40	5.42	5.44	2810678	8135.31885			5
5.78	5.80	5.82	899524.6	6083.418261			6
Height Summation:			13109114.7				
Amount Avg CF:			6401.562537	Linear:			
Aroclor-1268					6	124.05	
5.36	5.37	5.40	795018.1	1354.789441			1
5.40	5.42	5.44	2810678	4995.486212			2
5.56	5.57	5.60	39264.11	83.470337			3
5.62	5.64	5.66	20473.19	178.790819			4
+ 5.62	5.66	5.66	3620.519	31.617718			4
5.78	5.80	5.82	899524.6	5578.107027			5
5.98	6.00	6.02	170986.3	154.071658			6
Height Summation:			4735944.3				
Amount Avg CF:			2057.452582	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202700** ACF DF50 -132W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 19, 2017 01:45:33
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0041.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 19, 2017 01:45:33
Instrument	: CP 7--19843B
Result file	: 07PCBS17250009B.0041.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			2522.2552	489.6142		32.06	4	40	
Aroclor-1221			2522.2552	756.6765		37.41	3	40	
Aroclor-1232			2522.2552	608.3086		24.51	4	40	
Aroclor-1242			2522.2552	608.3086		34.95	4	40	
Aroclor-1248			2522.2552	489.6142		26.85	4	40	
Aroclor-1254			2522.2552	652.819		0.17	4	40	
Aroclor-1260			2522.2552	578.635		1.14	4	40	
Aroclor-1262			2522.2552	489.6142		7.30	4	40	
Aroclor-1268			2522.2552	489.6142		24.75	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202700 ACF DF50 AC-132W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:45:33 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: 07pcbs17250009.0041.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.58		2556	3519
1.641		93999	121667
1.7		20828	35579
1.747		32925	34839
1.796		16791	23043
1.819		14371	20759
1.847		8344	6410
1.875		6711	3969
1.895		9549	6581
1.918		6839	5290
1.944		5268	3772
1.985		10190	6688
2.004		13104	10536
2.051		16914	14032
2.069		22745	22300
2.112		38157	52100
2.161		21480	37476
2.175		24534	28298
2.197		17197	13953
2.215		15303	17274
2.241		7498	5453
2.269		85936	54348
2.289		5683	2176
2.324		7902	3904
2.341		20002	29770
2.381		34509	32059
2.412		14946	10791
2.445		29349	33313
2.498		17001	21212
2.516		19278	23948
2.55		19781	29123
2.583		11096	10834
2.607		8723	4713
2.637		20584	28121
2.677		5683	5641
2.7		12295	11630
2.72		56220	30349
2.759		3663	1523
2.776		11193	10295
2.805		14861	13868
2.822		3709	1356
2.856		4831	2344
2.873		12992	9067
2.899		6158	4123
2.951		10744	14660
2.999	TCX	234512	166681
3.047		6011	5261
3.073		8911	10335
3.109		3379	2658
3.185		7138	6580
3.207		7749	3947
3.225		4475	1793
3.245		6594	5681

RT A	Compound A	Height A	Area A
3.303		44778	28147
3.319		35587	17129
3.345		5869	3457
3.375		3925	2024
3.394		2757	1394
3.419		4995	4275
3.45		3311	2543
3.467		6004	3131
3.483		7767	5297
3.535		3116	2426
3.551		3322	2846
3.584		5844	3510
3.609		3825	2083
3.626		2988	2267
3.655		12420	7516
3.678		8575	8532
3.771		38994	53986
3.808		46071	40319
3.859		18357	16945
3.9		10728	9099
3.928		87821	62121
3.956		67113	44461
3.978		109954	70624
3.998		4764	2086
4.054		29488	20540
4.079		12498	9165
4.111		28406	19312
4.146		52491	59425
4.191		22786	18331
4.22		17344	14422
4.248		10427	6884
4.271		26414	17844
4.307		698393	604167
4.353		150864	125144
4.391		1464	607
4.42		199710	161200
4.463		887283	850570
4.498		189739	154248
4.538		39418	28830
4.56		20275	13818
4.602		163665	159118
4.655		84523	55540
4.672		356535	268580
4.716		809858	713488
4.765		1183507	1294209
4.802		248071	170217
4.842		2713391	2436761
4.887		44650	41557
4.928		411129	432792
4.962		24921	16360
4.989		579038	526050
5.042		3008718	3611827
5.094		549043	499235
5.133		1197651	1262310
5.174		27796	14660
5.212		248957	307517
5.246		2959008	2623583
5.268		122458	57192
5.287		47222	21709
5.311		1482512	1317322
5.353		965449	896680
5.448		356760	291472
5.472		1652170	1369621
5.529		957116	858390
5.568		543231	541974
5.609		82726	85583

RT A	Compound A	Height A	Area A
5.65		536293	521387
5.706		4429403	3868653
5.79		2831	1585
5.811		4931	4102
5.846		3597	2892
5.877		2313	1480
5.91		2450441	2350396
5.941		188484	125371
5.965		494005	534074
6.034		1213	399
6.077		7336	4765
6.1		36364	31428
6.152		69305	52245
6.18		461371	421048
6.302		3091	1144
6.333		925702	898293
6.377		62253	55796
6.414		8104	18399
6.491		2402	627
6.533		170508	152803
6.56		5001	3124
6.629		1332	1498
6.653		7774	5088
6.68	DCB	87926	83056
6.715		2806	1847
6.743		3841	2193
6.808		1403	1071
6.848		2555	2365
6.932		14082	14034
6.982		5373	9570
7.04		1503	537
7.093		2887	4851
7.205		2959	2167
7.31		1680	706
7.321		2365	1071
7.383		12927	41269
7.466		1383	1486
7.527		3343	6258
7.569		1731	528
7.687		13894	56366
7.768		1037	562
7.812		1709	999
7.861		5234	8501
7.895		1618	1158
8.031		1540	986
8.055		1274	371
8.118		1772	823
8.162		934	394
8.209		2350	1585
8.223		1476	416
8.252		620	1491
8.405		1576	597
8.486		3366	8104
8.621		1425	1356

LANCASTER LABORATORIES

Sample Number: 9202700 ACF DF50 AC-132W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:45:33 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: 07pcbs17250009B.0041.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

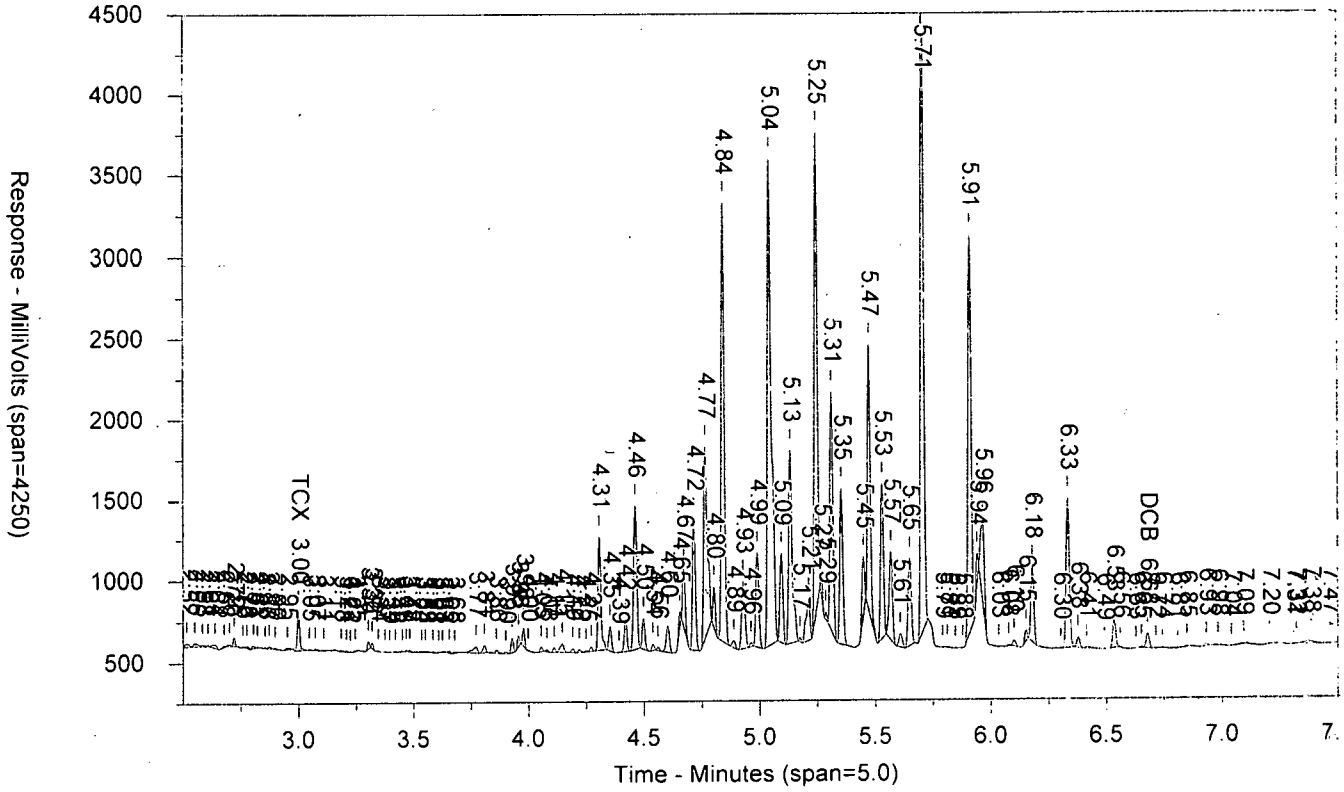
RT B	Compound B	Height B	Area A
1.526		24479	27610
1.566		5013	5042
1.615		11674	7973
1.685		10449	13825
1.712		7071	6009
1.745		8969	13383
1.772		8148	8582
1.804		5960	4517
1.832		19856	14627
1.912		7800	6742
1.939		6629	3554
1.962		8961	8852
1.993		86439	63766
2.039		14032	27785
2.06		6254	3096
2.085		7402	6764
2.105		9343	7586
2.136		12408	22319
2.203		7054	8571
2.225		5750	3164
2.248		5323	3333
2.266		8502	4625
2.283		4115	4703
2.327		3583	4362
2.345		13438	16619
2.401		64622	47097
2.478		4180	4302
2.498		4400	3118
2.524		3937	2429
2.574		8866	10649
2.651	TCX	226868	139248
2.713		3390	1522
2.74		4575	6057
2.848		4072	3318
2.87		4801	3971
2.909		2912	1875
2.948		28090	11100
2.959		41045	17702
3.01		2928	1452
3.043		3742	5857
3.069		2639	2607
3.114		1251	1457
3.144		12468	13176
3.189		2036	1367
3.263		22032	21975
3.303		10926	9887
3.361		8815	10819
3.392		3103	1859
3.422		22310	15690
3.441		33815	18133
3.472		48900	28356
3.53		18766	16541
3.564		101284	58258
3.588		127955	70152

3.606		150732	81718
3.636		6916	3926
3.69		39471	25511
3.713		15526	8434
3.736		36876	35263
3.766		16171	8022
3.782		37700	25378
3.821		23072	16380
3.864		30939	24488
3.915		791708	539430
3.941		39596	20357
3.961		109214	64029
3.981		200813	127434
4.016		961895	679116
4.048		187728	114438
4.066		67988	35472
4.088		40820	23503
4.129		22914	20585
4.162		111460	104911
4.182		38633	24972
4.219		242307	172650
4.262		336069	207191
4.28		297192	146876
4.293		870775	487737
4.319		501289	504268
4.372		2850961	2213326
4.419		64219	74938
4.442		233711	153824
4.467		742297	550921
4.509		3497318	2697196
4.612		2519513	2398029
4.666		373400	320405
4.705		797909	676105
4.741		3505385	2823273
4.774		1709928	1195612
4.813		1203301	944121
4.869		2437	1124
4.913		313238	225888
4.929		38436	19325
4.964		1977210	1597718
4.988		280505	183827
5.038		1147854	1015769
5.075		556363	451598
5.104		402946	329399
5.136		127754	72675
5.158		4916756	3958530
5.199		100863	74948
5.231		147754	118158
5.35		44181	27285
5.374		795018	646364
5.417		2810678	2982477
5.573		39264	33390
5.619		80209	60942
5.642		20473	13467
5.663		3621	1977
5.691		429289	377103
5.798		899525	768856
5.83		53890	39413
5.999		170986	150158
6.157	DCB	111798	101036
6.192		3609	4218
6.334		4138	3549
6.428		2261	1617
6.491		1450	980
6.6		23621	21562
6.633		7017	6422
6.691		1614	814

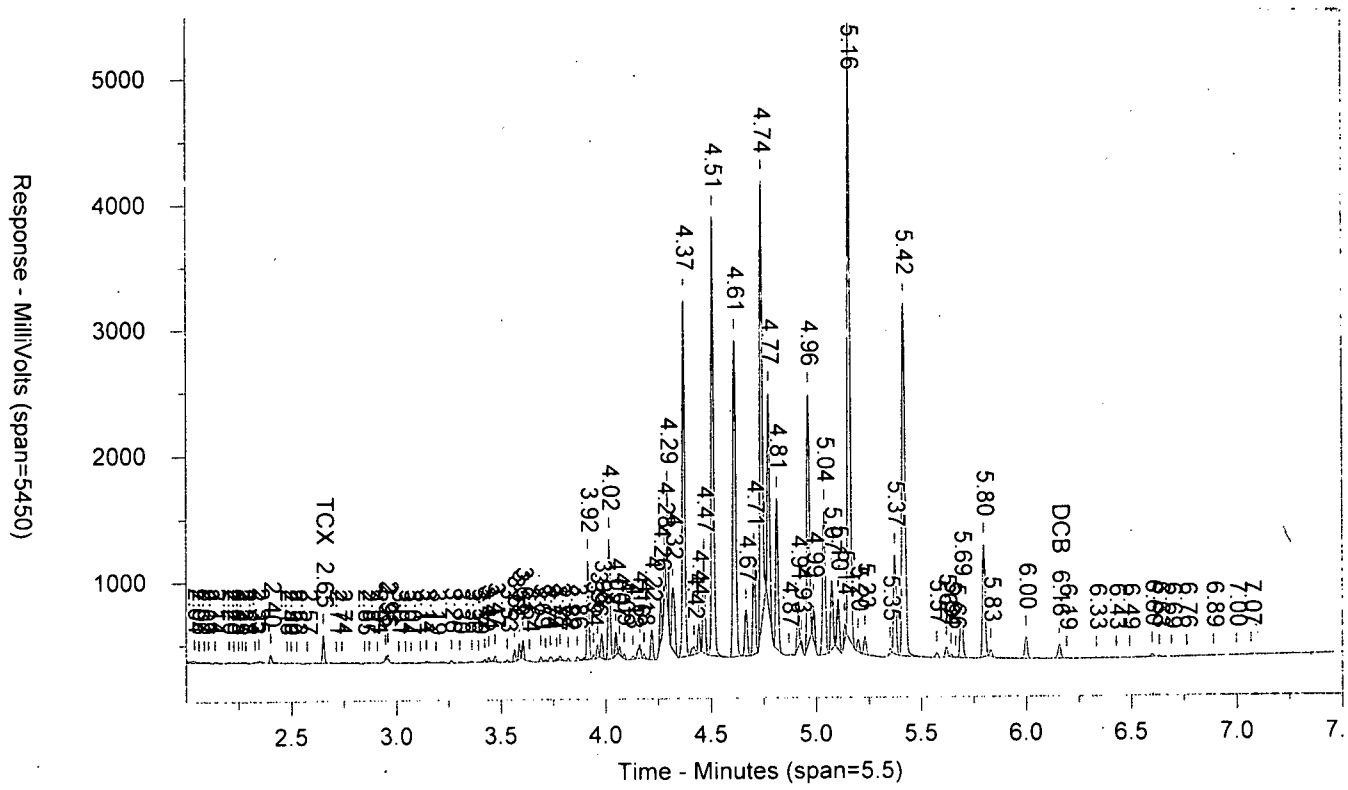
6.763	1091	872
6.889	2142	3570
6.998	1879	2572
7.067	6016	6788
7.53	1528	2043
7.733	2783	4912
8.08	2276	4579
8.19	5167	8201
8.289	9907	19271
8.511	11290	22359

9202700 ACF DF50 AC-132W T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0041.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0041.RAW



LANCASTER LABORATORIES

Sample Number: 9202700 ACF DF50 AC-132W T 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 1:45:33 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

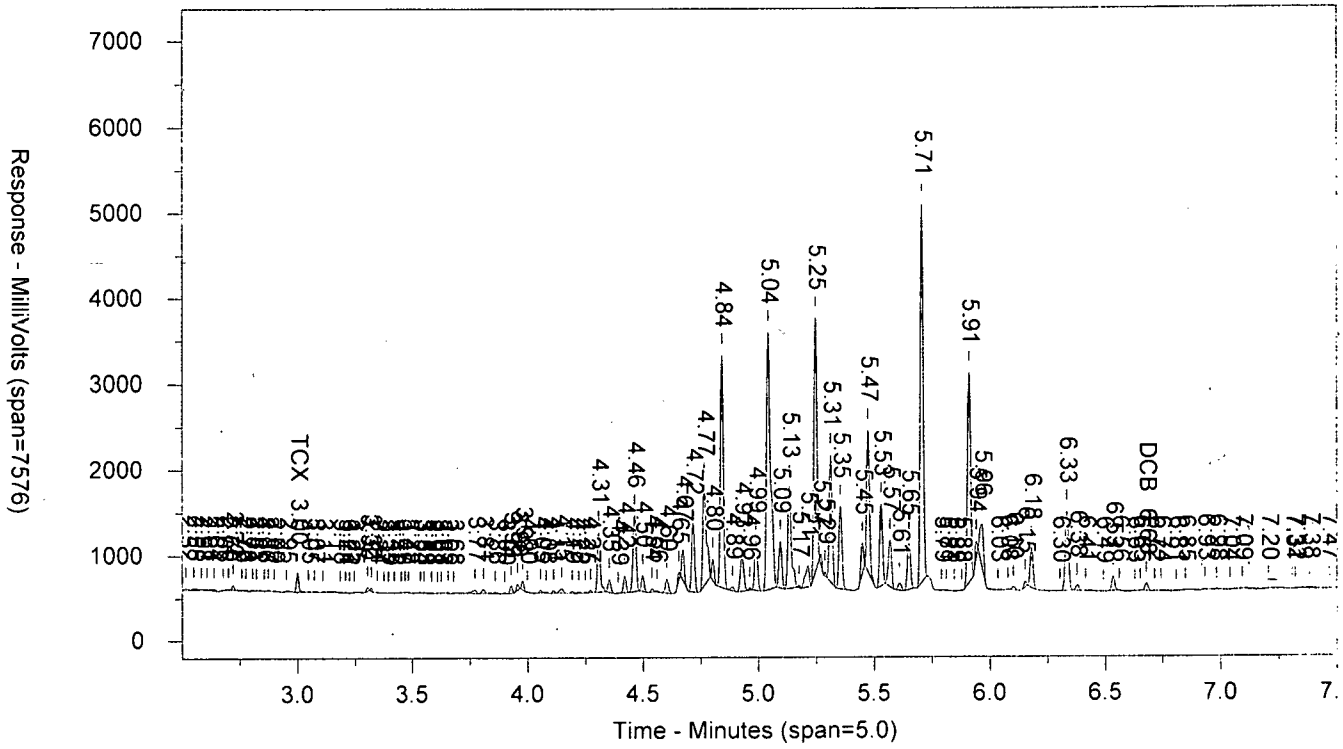
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	234512	30.642	TCX	2.651	226868	28.871	TCX
6.68	87926	32.216	DCB	6.157	111798	34.708	DCB

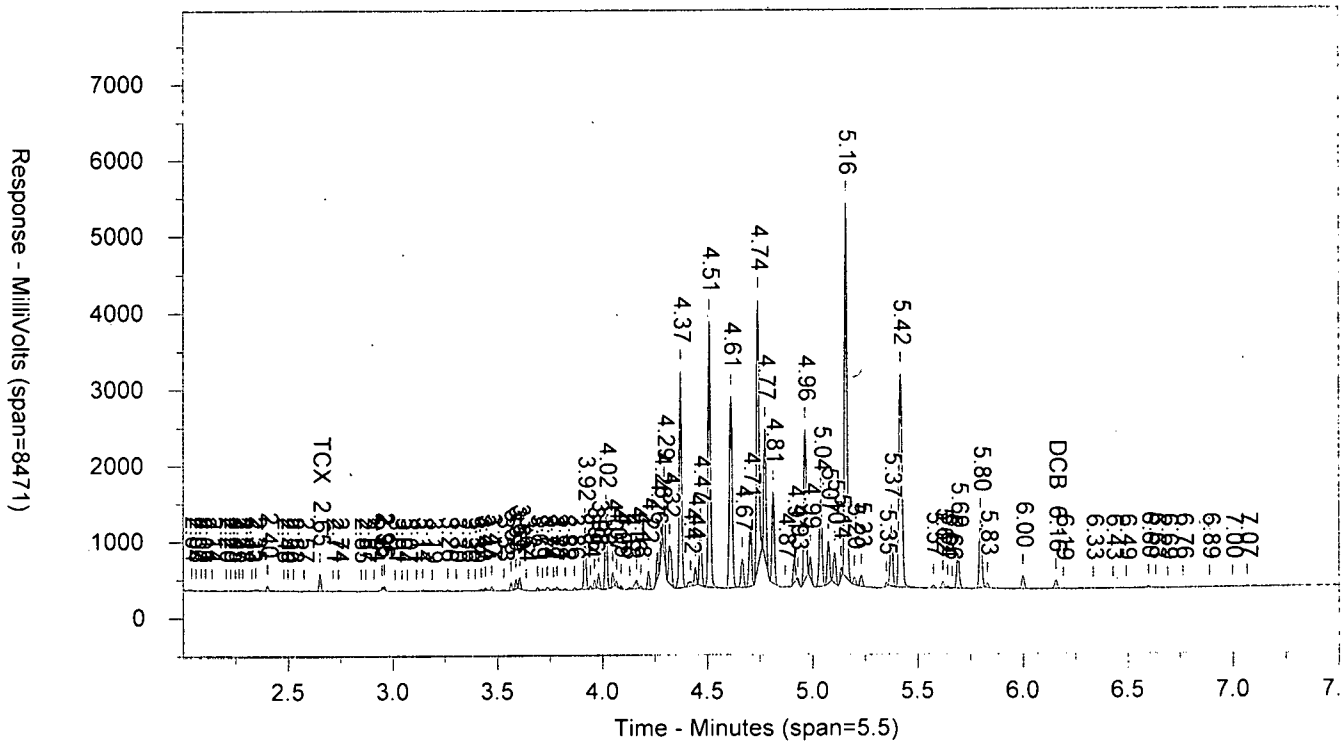
Files:
Area File: 07pcbs17250009.0041.RAW
Area File: 07pcbs17250009B.0041.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 1:54:18 AM
File Reported On: 9/19/2017 at 1:54:28 AM

9202700 ACF DF50 AC-132W T 172560041A 10225 **SW-846 8082**

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0041.RAW

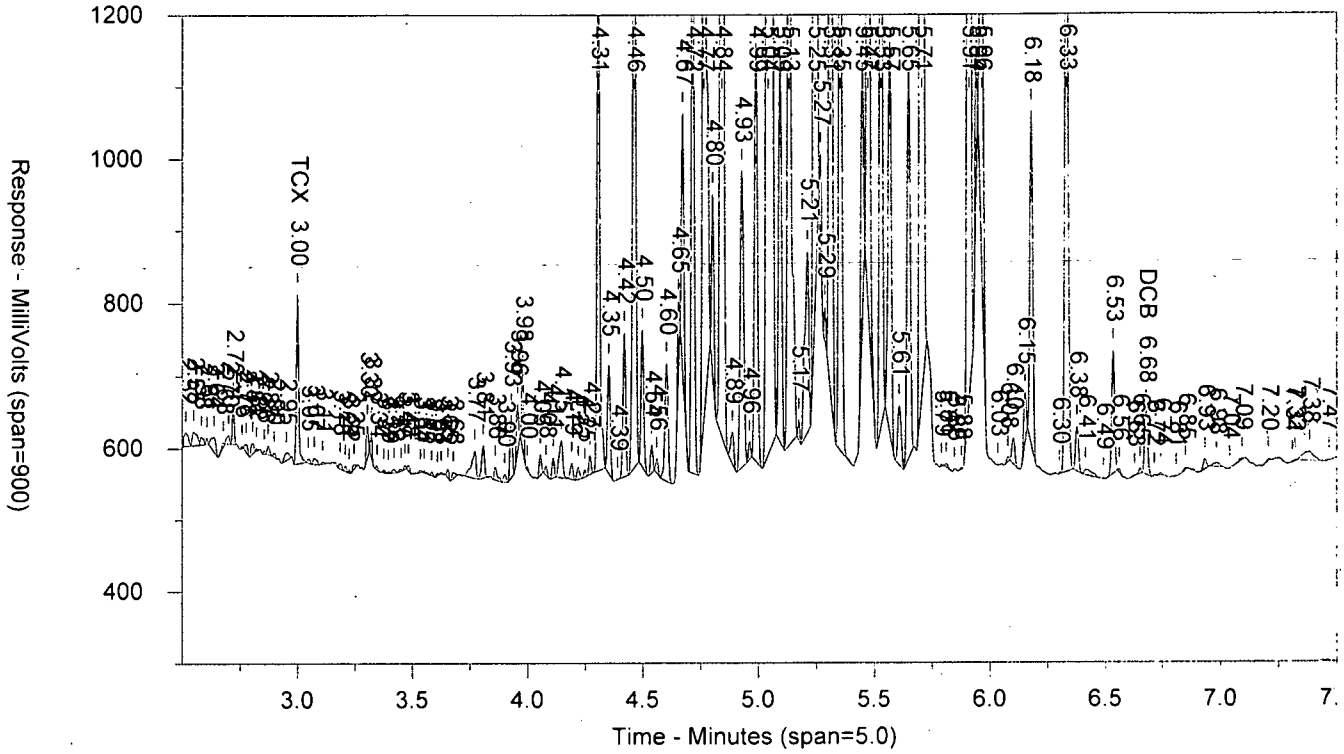


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0041.RAW

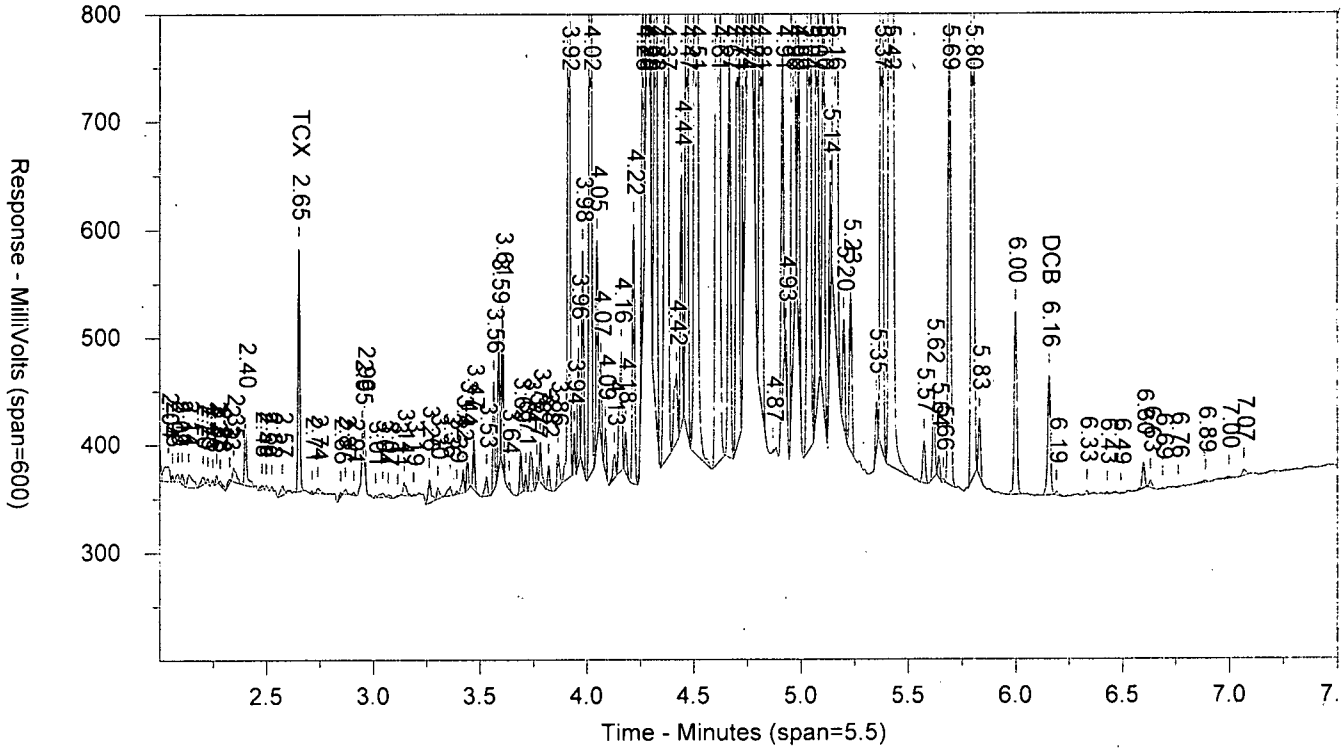


9202700 ACF DF50 AC-132W T 172560041A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0041.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0041.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202701 ACF DF50 -132E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:25:10
Instrument	19843A
Result file	07PCBS17250009.0013.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 83% (61 - 152) Conc: 25.06447
%SSR(DCB) 158% (48 - 164) Conc: 42.13855

Analysis Report (B)

Injected on	Sep 18, 2017 20:25:10
Instrument	19843B
Result file	07PCBS17250009B.0013.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 86% (61 - 152) Conc: 25.74349
%SSR(DCB) 124% (48 - 164) Conc: 33.15923

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	192775	25.06447
Decachlorobiphenyl	6.65	6.68	6.71	115576	42.13855

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	203291	25.74349
Decachlorobiphenyl	6.13	6.16	6.19	107339	33.15923

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	25.74349				2.67	
☑	Tetrachloro-m-xylene-D1	A	25.06447					
☑	Tetrachloro-m-xylene-D2	B	25.74349					
☐	Decachlorobiphenyl	A	42.13855				23.85	
☑	Decachlorobiphenyl-D1	A	42.13855					
☑	Decachlorobiphenyl-D2	B	33.15923					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**8.92**	
4.82	4.84	4.86	4120114	13931.311362			1
5.02	5.04	5.06	4611656	15885.774526			2
5.23	5.25	5.27	4853994	17621.326848			3
5.45	5.47	5.49	2249342	14101.064308			4
5.69	5.71	5.73	6237148	15966.460216			5
5.89	5.91	5.93	3843980	15046.90634			6

Height summation: **25916234**
Concentration CF: **15425.473933** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**8.19**	
4.35	4.37	4.39	4317986	14258.405084			1
4.49	4.51	4.53	5390136	15515.909309			2
4.60	4.61	4.64	3602498	12824.837759			3
4.72	4.74	4.76	5512756	16263.10604			4
5.14	5.16	5.18	6699261	15307.424432			5
5.40	5.42	5.44	4023939	15526.269135			6

Height summation: **29546576**
Concentration CF: **14949.325293** 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~~ D2		4	
☑	PCB-1260	B	14949.325293	2509.8426	575.7874	D2	3.14	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 9/21/2017 13:15:07

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202701** ACF DF50 -132E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0013.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 83% (61-152) Conc.: 25.06447
%SSR(DCB) : 158% (48-164) Conc.: 42.13855

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**119.04**	
3.23	3.25	3.27	16362.64	122.48466			1
+ 3.45	3.45	3.49	9323.176	68.181553			2
+ 3.45	3.47	3.49	27318.06	199.780393			2
3.45	3.48	3.49	31894.86	233.251105			2
3.56	3.58	3.60	57421.45	352.261707			3
3.74	3.77	3.78	211117.9	1322.857146			4
3.78	3.81	3.82	260309.2	1389.811628			5
3.91	3.93	3.95	465697.6	4053.472845			6
Height Summation:			**1042803.65**				
Amount Avg CF:			**1245.689848**	Linear:			
Aroclor-1221					**3**	**48.43**	
+ 3.13	3.13	3.17	4669.765	75.49888			1
+ 3.13	3.15	3.17	2588.18	41.844652			1
3.13	3.17	3.17	6792.895	109.82479			1
3.18	3.21	3.22	12482.98	220.638064			2
3.23	3.25	3.27	16362.64	94.953122			3
Height Summation:			**35638.515**				
Amount Avg CF:			**141.805325**	Linear:			
Aroclor-1232					**6**	**131.08**	
3.23	3.25	3.27	16362.64	104.403685			1
+ 3.45	3.47	3.49	27318.06	417.424732			2
3.45	3.48	3.49	31894.86	487.359036			2
3.56	3.58	3.60	57421.45	732.249472			3
3.74	3.77	3.78	211117.9	2869.945474			4
3.78	3.81	3.82	260309.2	2835.633906			5
E 3.91	3.93	3.95	465697.6	10077.440254			6
Height Summation:			**1042803.65**				
Amount Avg CF:			**2851.171971**	Linear:			
Aroclor-1242					**6**	**124.49**	
3.23	3.25	3.27	16362.64	91.477495			1
+ 3.45	3.45	3.49	9323.176	51.847383			2
+ 3.45	3.47	3.49	27318.06	151.919253			2
3.45	3.48	3.49	31894.86	177.371428			2
3.56	3.58	3.60	57421.45	267.896317			3
3.74	3.77	3.78	211117.9	893.891094			4
3.78	3.81	3.82	260309.2	1004.749997			5
3.91	3.93	3.95	465697.6	3184.702905			6
Height Summation:			**1042803.65**				
Amount Avg CF:			**936.681539**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0013.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 86% (61-152) Conc.: 25.74349
%SSR(DCB) : 124% (48-164) Conc.: 33.15923

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**132.97**	
2.92	2.95	2.96	83213.66	608.886325			1
+ 3.12	3.14	3.16	23665.03	136.154371			2
3.12	3.15	3.16	24006.35	138.118121			2
3.25	3.26	3.29	99003.59	576.274353			3
+ 3.40	3.42	3.44	140464.4	762.860235			4
* 3.40	3.44	3.44	197885	1074.710728			4
+* 3.44	3.44	3.48	197885	1144.242335			5
3.44	3.47	3.48	263656.2	1524.5551			5
+ 3.57	3.59	3.61	586335.5	4116.18251			6
3.57	3.61	3.61	868879.4	6099.692394			6
Height Summation:			**1536644.2**				
Amount Avg CF:			**1670.372837**	Linear:			
Aroclor-1221					**3**	**74.35**	
2.80	2.82	2.84	9002.211	120.93401			1
2.86	2.87	2.90	7444.922	159.444959			2
2.92	2.95	2.96	83213.66	453.37742			3
Height Summation:			**99660.793**				
Amount Avg CF:			**244.585463**	Linear:			
Aroclor-1232					**6**	**149.23**	
2.92	2.95	2.96	83213.66	497.688841			1
+ 3.12	3.14	3.16	23665.03	269.6733			2
3.12	3.15	3.16	24006.35	273.562789			2
3.25	3.26	3.29	99003.59	1166.441245			3
+ 3.40	3.42	3.44	140464.4	1657.694258			4
* 3.40	3.44	3.44	197885	2335.344957			4
+* 3.44	3.44	3.48	197885	2293.279414			5
3.44	3.47	3.48	263656.2	3055.498577			5
+ 3.57	3.59	3.61	586335.5	9790.255224			6
E 3.57	3.61	3.61	868879.4	14507.992582			6
Height Summation:			**1536644.2**				
Amount Avg CF:			**3639.421499**	Linear:			
Aroclor-1242					**6**	**137.40**	
2.92	2.95	2.96	83213.66	440.304797			1
+ 3.12	3.14	3.16	23665.03	154.191394			2
3.12	3.15	3.16	24006.35	156.415291			2
3.25	3.26	3.29	99003.59	440.877962			3
+ 3.40	3.42	3.44	140464.4	525.377133			4
+* 3.44	3.44	3.48	197885	826.695787			5
* 3.40	3.44	3.44	197885	740.146642			4
3.44	3.47	3.48	263656.2	1101.465345			5
+ 3.57	3.59	3.61	586335.5	3256.293751			6
3.57	3.61	3.61	868879.4	4825.439634			6
Height Summation:			**1536644.2**				
Amount Avg CF:			**1284.108279**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202701** ACF DF50 -132E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0013.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	89.07	
3.78	3.81	3.82	260309.2	2819.325739			1
+ 3.84	3.84	3.88	1731.708	17.630928			2
3.84	3.86	3.88	48333.32	492.092933			2
3.91	3.93	3.95	465697.6	2847.533642			3
4.03	4.05	4.07	261985.9	1418.668751			4
4.12	4.15	4.16	241975.5	1513.434632			5
4.30	4.31	4.34	1261578	7387.150767			6
+ 4.30	4.33	4.34	223105.6	1306.391443			6
Height Summation:			**2539879.52**				
Amount Avg CF:			**2746.367744**	Linear:			
Aroclor-1254					6	84.41	
4.29	4.31	4.32	1261578	6850.90331			1
4.63	4.65	4.67	467166.6	2392.102151			2
+ 4.63	4.67	4.67	393145.3	2013.079955			2
4.69	4.72	4.73	2406014	5823.437789			3
4.91	4.93	4.95	1504015	5955.049656			4
5.11	5.13	5.15	1920807	13291.998165			5
5.23	5.25	5.27	4853994	25569.628389			6
Height Summation:			**12413574.6**				
Amount Avg CF:			**9980.51991**	Linear:			
Aroclor-1260					6	8.92	
4.82	4.84	4.86	4120114	13931.311362			1
5.02	5.04	5.06	4611656	15885.774526			2
5.23	5.25	5.27	4853994	17621.326848			3
5.45	5.47	5.49	2249342	14101.064308			4
5.69	5.71	5.73	6237148	15966.460216			5
5.89	5.91	5.93	3843980	15046.90634			6
Height Summation:			**25916234**				
Amount Avg CF:			**15425.473933**	Linear:			
Aroclor-1262					6	33.48	
5.29	5.31	5.33	2056357	8689.017828			1
E 5.45	5.47	5.49	2249342	10691.373158			2
E 5.69	5.71	5.73	6237148	13511.024771			3
E 5.89	5.91	5.93	3843980	12199.988507			4
5.95	5.97	5.99	669402.4	4222.389922			5
6.31	6.33	6.35	1294419	9105.583998			6
Height Summation:			**16350648.4**				
Amount Avg CF:			**9736.56303**	Linear:			
Aroclor-1268					6	98.50	
5.89	5.91	5.93	3843980	6800.854992			1
5.95	5.97	5.99	669402.4	1369.596393			2
6.08	6.10	6.12	51467.42	109.727387			3
+ 6.14	6.15	6.18	112711.4	915.244089			4
6.14	6.18	6.18	654430	5314.131395			4
6.31	6.33	6.35	1294419	8955.312571			5
6.51	6.53	6.55	234888.8	246.898713			6
Height Summation:			**6748587.62**				
Amount Avg CF:			**3799.420242**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0013.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	79.51	
+ 3.44	3.44	3.48	197885	2498.317794			1
3.44	3.47	3.48	263656.2	3328.685731			1
3.51	3.53	3.55	50815.52	467.991656			2
3.55	3.56	3.59	490169.7	2621.523292			3
3.67	3.69	3.71	295609.2	1314.92359			4
+ 3.76	3.77	3.80	23009.3	148.016907			5
3.76	3.78	3.80	237410.4	1527.241298			5
3.90	3.92	3.94	1843082	6232.880992			6
Height Summation:			**3180743.02**				
Amount Avg CF:			**2582.20776**	Linear:			
Aroclor-1254					6	88.51	
4.20	4.22	4.24	869537.8	3707.963805			1
+ 4.26	4.26	4.30	429787.5	1036.528587			2
4.26	4.28	4.30	1317374	3177.141753			2
+ 4.26	4.29	4.30	961381.8	2318.58702			2
4.35	4.37	4.39	4317986	22170.265622			3
4.42	4.44	4.46	1247033	4869.127615			4
4.64	4.66	4.68	923439.8	5121.426602			5
4.72	4.74	4.76	5512756	19296.635712			6
Height Summation:			**14188126.6**				
Amount Avg CF:			**9723.760185**	Linear:			
Aroclor-1260					6	8.19	
4.35	4.37	4.39	4317986	14258.405084			1
4.49	4.51	4.53	5390136	15515.909309			2
4.60	4.61	4.64	3602498	12824.837759			3
4.72	4.74	4.76	5512756	16263.10604			4
5.14	5.16	5.18	6699261	15307.424432			5
5.40	5.42	5.44	4023939	15526.269135			6
Height Summation:			**29546576**				
Amount Avg CF:			**14949.325293**	Linear:			
Aroclor-1262					6	29.90	
4.76	4.77	4.80	2201961	6643.556976			1
4.95	4.96	4.99	2717459	8810.546776			2
E 5.14	5.16	5.18	6699261	11771.708701			3
5.36	5.37	5.40	1068138	5189.401537			4
E 5.40	5.42	5.44	4023939	11589.703375			5
5.78	5.80	5.82	1275519	8583.788575			6
Height Summation:			**17986277**				
Amount Avg CF:			**8764.784323**	Linear:			
Aroclor-1268					6	125.25	
5.36	5.37	5.40	1068138	1811.255012			1
5.40	5.42	5.44	4023939	7116.648343			2
5.56	5.57	5.60	56612.67	119.758816			3
5.62	5.64	5.66	27707.64	240.777932			4
5.78	5.80	5.82	1275519	7870.787329			5
5.98	6.00	6.02	232686.7	208.636577			6
Height Summation:			**6684603.01**				
Amount Avg CF:			**2894.644001**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202701 ACF DF50 -132E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.16 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0013.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 20:25:10
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0013.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			2509.8426	487.2047		29.13	4	40	
Aroclor-1221			2509.8426	752.9528		** 53.20	3	40	
Aroclor-1232			2509.8426	605.315	E	24.29	4	40	
Aroclor-1242			2509.8426	605.315		31.29	4	40	
Aroclor-1248			2509.8426	487.2047		6.16	4	40	
Aroclor-1254			2509.8426	649.6063		2.61	4	40	
Aroclor-1260			2509.8426	575.7874		3.14	4	40	
Aroclor-1262			2509.8426	487.2047	E	10.50	4	40	
Aroclor-1268			2509.8426	487.2047		27.03	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:25:10 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: 07pcbs17250009.0013.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.503		5791	1737
1.584		4925	8709
1.641		101123	107919
1.698		23784	38425
1.719		20287	19946
1.747		32024	32899
1.795		24519	37852
1.814		21680	33453
1.875		11134	7197
1.895		17124	11163
1.92		12009	9815
1.943		7813	6139
1.985		16050	11307
2.004		19821	15859
2.031		10445	6848
2.052		21020	16168
2.07		29952	30944
2.091		18150	12842
2.113		42533	49530
2.141		19549	20136
2.16		23925	20594
2.176		33084	34650
2.197		19609	16334
2.215		22422	24417
2.241		10461	6861
2.269		57126	34230
2.291		9778	5085
2.324		10342	5839
2.344		27739	36456
2.38		37418	27393
2.413		19898	12860
2.447		43521	45720
2.496		25163	30993
2.516		28008	35750
2.549		26003	37011
2.586		18615	19057
2.608		10329	5963
2.627		22135	35936
2.677		9253	7578
2.693		15914	16242
2.721		51730	28597
2.759		6402	3162
2.774		12383	12553
2.806		19850	18332
2.822		4377	2025
2.837		6455	3727
2.856		9351	3887
2.873		17833	13257
2.898		9052	7191
2.949		5721	3917
2.961		13745	6951
3	TCX	192775	125813
3.049		12074	10842

RT A	Compound A	Height A	Area A
3.072		17663	20074
3.116		6532	5068
3.135		4670	2128
3.148		2588	1115
3.165		6793	3405
3.181		10397	10055
3.209		12483	6269
3.227		6140	2816
3.252		16363	22315
3.277		4125	2126
3.305		23689	15646
3.319		54433	27196
3.345		15656	10142
3.379		4280	2091
3.397		5135	2436
3.417		9951	10633
3.445		9323	5551
3.467		27318	15259
3.484		31895	19633
3.504		2594	1460
3.534		4585	2667
3.583		57421	37298
3.611		6469	4276
3.633		4136	2436
3.652		27418	23529
3.679		6840	4047
3.706		10899	9090
3.771		211118	283507
3.808		260309	210448
3.839		1732	533
3.86		48333	44573
3.9		56605	44696
3.928		465698	333848
3.955		495848	333124
3.978		689540	482682
4.054		261986	188870
4.079		127722	86572
4.111		182344	128813
4.146		241976	228071
4.192		116862	98296
4.219		73352	59743
4.249		15649	9678
4.271		95037	71397
4.307		1261579	906817
4.325		223106	111291
4.352		711023	622734
4.394		4774	3932
4.42		503466	422602
4.463		2080083	1984054
4.498		899916	746990
4.539		135079	99130
4.561		90480	61142
4.603		510489	465583
4.655		467167	314579
4.671		393145	356927
4.716		2406014	2010579
4.765		1361353	1044124
4.802		397174	258657
4.842		4120114	3582186
4.888		186262	166848
4.93		1504015	1486622
4.963		41829	26175
4.989		841228	772590
5.042		4611656	5572169
5.093		762531	670247
5.133		1920807	2059969

RT A	Compound A	Height A	Area A
5.175		96211	58763
5.212		370754	441436
5.245		4853995	4292361
5.268		195301	102066
5.287		79821	36249
5.312		2056357	1813943
5.354		1312928	1258235
5.45		602880	491853
5.473		2249342	1848276
5.53		1391172	1206832
5.568		792555	763688
5.609		129738	142383
5.649		808794	827543
5.673		13370	7203
5.707		6237148	5522154
5.732		39226	67915
5.794		2299	3166
5.811		10810	9304
5.852		2446	1339
5.91		3843981	3439966
5.942		259918	177626
5.966		669402	749811
6.078		14730	11510
6.101		51467	42561
6.152		112711	88435
6.18		654430	591992
6.305		2009	1044
6.335		1294419	1266063
6.378		97144	88968
6.493		1360	354
6.535		234889	225865
6.561		4365	2893
6.609		2218	836
6.65		4193	2772
6.683	DCB	115576	111207
6.743		5320	4363
6.813		2016	1766
6.863		2648	4256
6.934		109831	131899
7.051		5957	6585
7.148		1320	726
7.205		2298	1957
7.269		1325	529
7.368		1519	579
7.422		1995	1258
7.533		2591	5921
7.685		1703	581
7.719		1526	879
7.736		1583	1220
7.893		1330	677
7.94		1987	915
7.994		1619	905
8.145		1190	353
8.181		7413	8622
8.234		1291	717
8.246		2087	818
8.26		1138	498
8.398		1287	356
8.564		2443	886

LANCASTER LABORATORIES

Sample Number: 9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:25:10 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: 07pcbs17250009B.0013.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

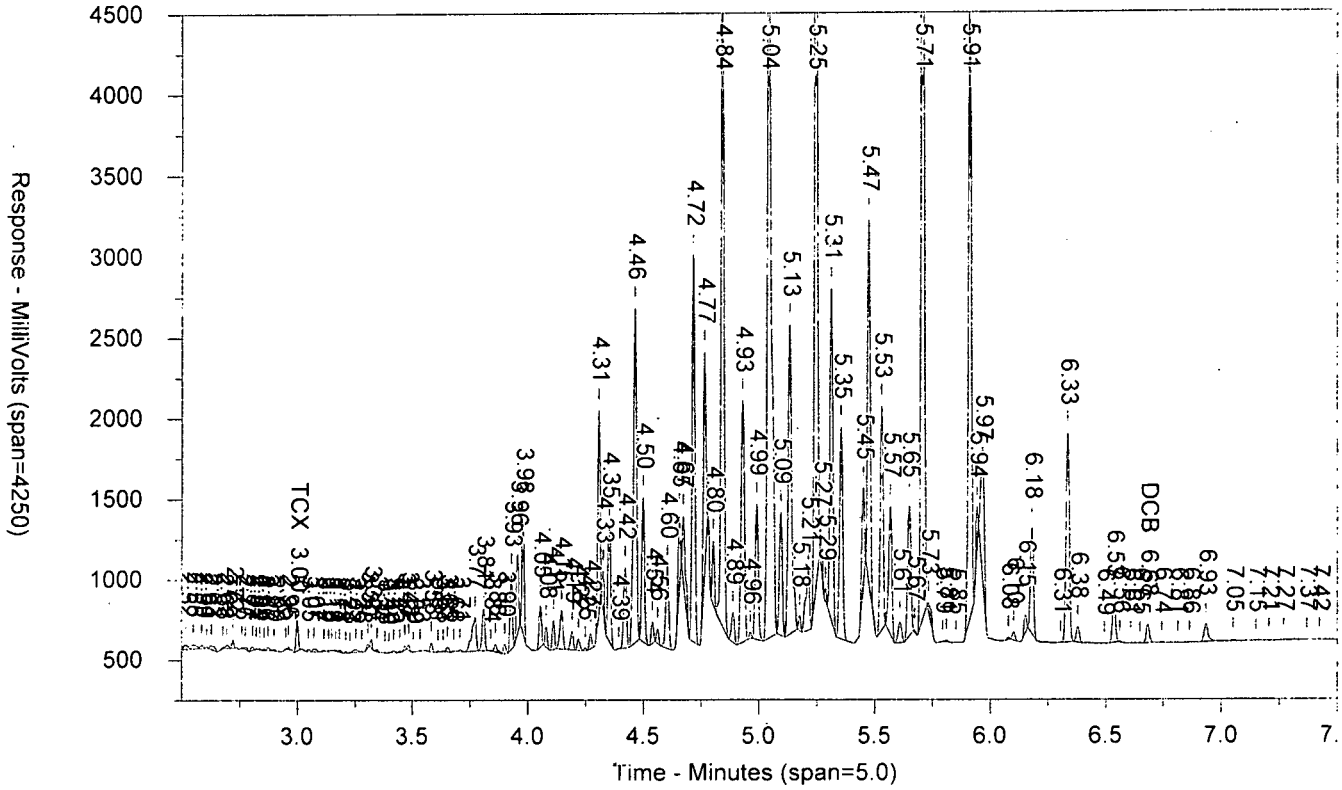
RT B	Compound B	Height B	Area A
1.526		21617	22849
1.566		7852	7772
1.615		15036	9996
1.683		10973	12352
1.712		8882	7211
1.748		13297	21485
1.771		13910	16261
1.806		10427	10543
1.831		26893	28081
1.863		12445	18090
1.912		14506	15887
1.939		13926	9807
1.965		14039	12895
1.993		65279	50552
2.035		15690	31351
2.06		6929	3543
2.086		10461	8588
2.105		11711	9429
2.138		15069	18530
2.167		5634	2519
2.201		10856	11208
2.225		6624	3902
2.249		5852	3303
2.267		14118	7846
2.344		8067	13039
2.401		72205	58587
2.466		2268	933
2.498		6034	3926
2.524		6185	3531
2.574		11237	10726
2.604		4046	4365
2.63		1960	1264
2.651	TCX	203291	127925
2.684		3489	4339
2.713		4868	2087
2.739		10056	12264
2.796		2054	987
2.822		9002	6317
2.847		5289	3006
2.871		7445	9411
2.906		5375	2897
2.948		83214	86460
2.987		4547	2938
3.008		4259	2184
3.046		9603	10130
3.076		5627	4876
3.111		3085	3307
3.143		23665	10806
3.154		24006	9923
3.193		3148	1778
3.216		7644	11298
3.263		99004	73124
3.302		21903	18594
3.351		29262	28199

3.392	4931	2992
3.422	140464	109352
3.442	197885	116163
3.472	263656	162577
3.53	50816	47964
3.565	490170	298817
3.588	586336	316601
3.606	868879	491059
3.635	9071	4978
3.691	295609	188945
3.714	139077	74386
3.735	207458	178025
3.766	23009	10372
3.782	237410	171389
3.822	96449	69025
3.865	77384	61874
3.894	104088	56607
3.916	1843082	1175697
3.941	354936	208358
3.962	425072	237377
3.981	432468	267304
4.016	2240007	1538052
4.048	828781	535824
4.066	220914	109959
4.088	161547	99184
4.128	120006	97444
4.162	416308	318288
4.182	84205	49558
4.219	869538	615477
4.262	429788	357934
4.28	1317374	710548
4.294	961382	459203
4.319	699518	688166
4.372	4317986	3371737
4.41	184706	177434
4.442	1247033	838560
4.467	1072600	763304
4.51	5390136	4182471
4.612	3602498	3439090
4.664	923440	817445
4.705	1125781	965049
4.741	5512756	4536686
4.775	2201961	1554072
4.813	1672564	1265059
4.884	15777	16683
4.913	383122	281432
4.93	93126	50410
4.964	2717459	2088741
4.988	602612	387789
5.039	1565484	1368967
5.075	775892	614797
5.104	540908	436216
5.136	286851	172805
5.159	6699261	5374530
5.2	135302	100060
5.232	199866	160300
5.35	60405	36413
5.374	1068138	864787
5.418	**4023939**	**4149979**
5.573	56613	48136
5.619	119997	93429
5.643	27708	17951
5.664	6485	3421
5.691	620242	527574
5.769	2653	1388
5.798	1275519	1070771
5.83	71817	55132

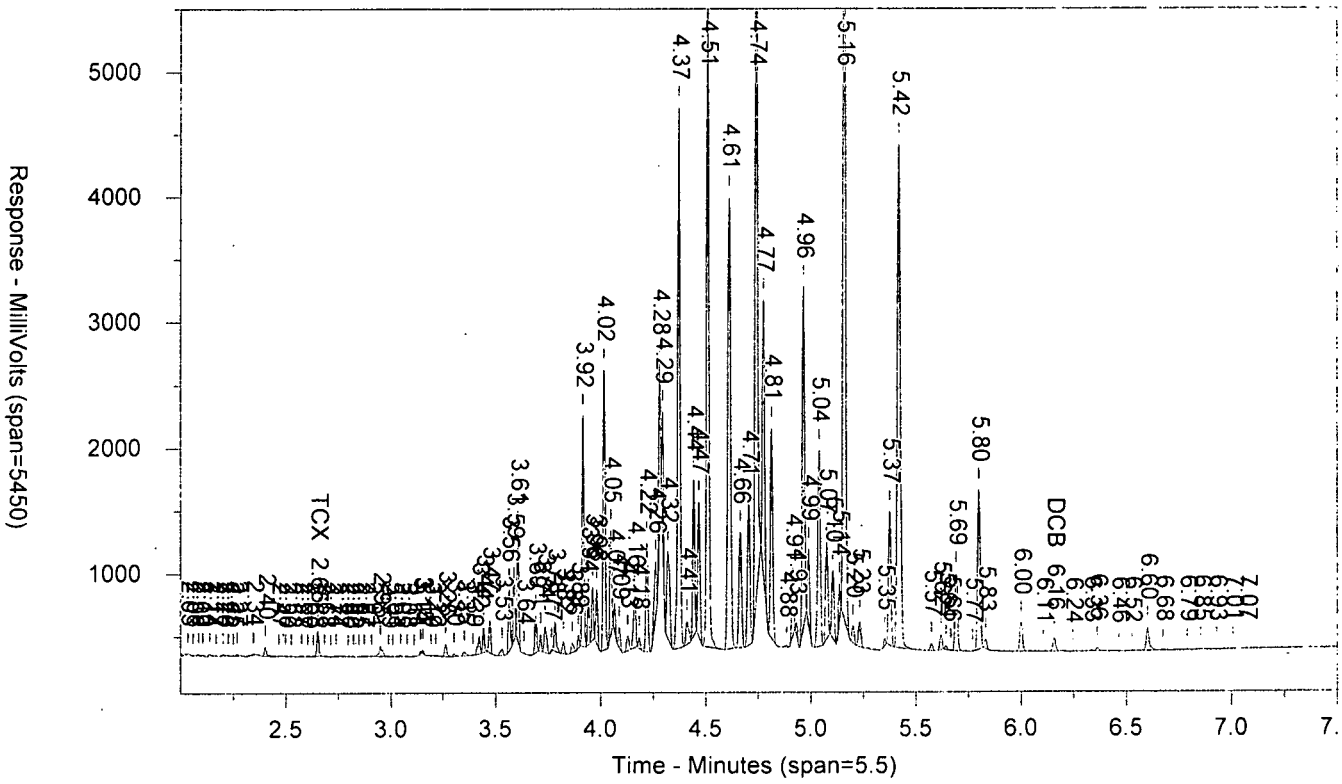
5.999		232687	209810
6.105		1763	2453
6.158	DCB	107339	97299
6.245		1694	2149
6.334		6635	5070
6.361		24966	21685
6.463		2492	3459
6.525		2527	4297
6.601		182887	184262
6.677		6306	7258
6.79		2560	4375
6.854		3886	5272
6.93		1875	2521
7.007		1580	5109
7.072		3675	4304
7.626		4233	5391
7.735		18876	28330
8.029		5537	7823
8.193		3560	8195
8.301		7560	13324
8.519		5051	11088

9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0013.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0013.RAW



LANCASTER LABORATORIES

Sample Number: 9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:25:10 PM
Sample Weight: 10.16
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

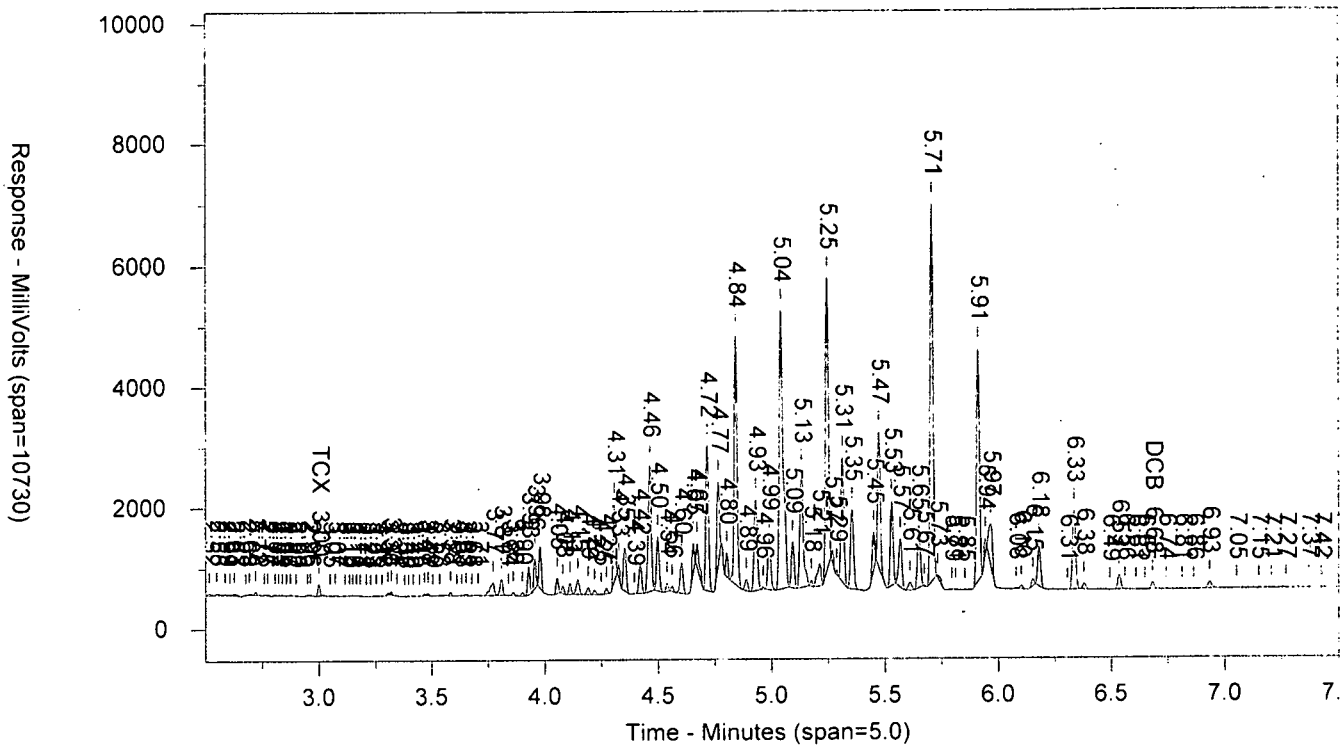
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	192775	25.064	TCX	2.651	203291	25.743	TCX
6.683	115576	42.139	DCB	6.158	107339	33.159	DCB

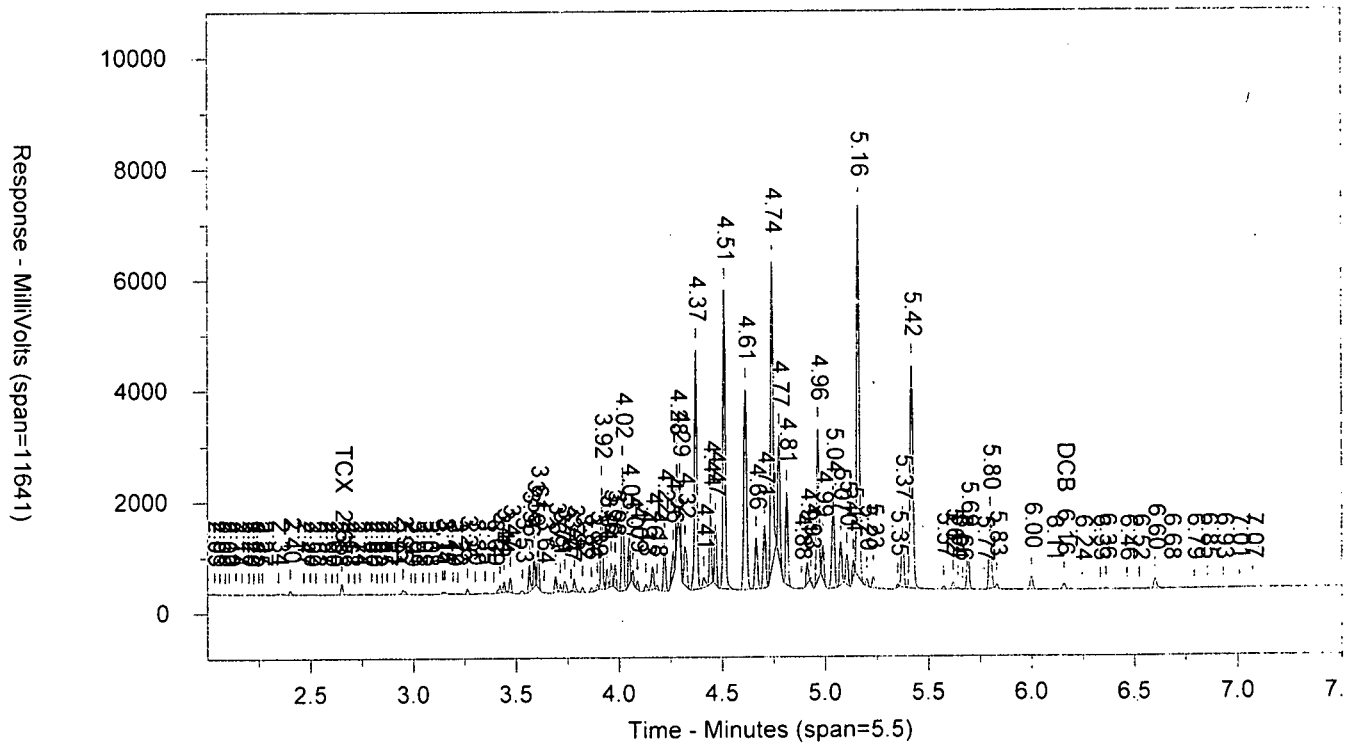
Files:
Area File: 07pcbs17250009.0013.RAW
Area File: 07pcbs17250009B.0013.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 8:33:52 PM
File Reported On: 9/18/2017 at 8:34:02 PM

9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0013.RAW

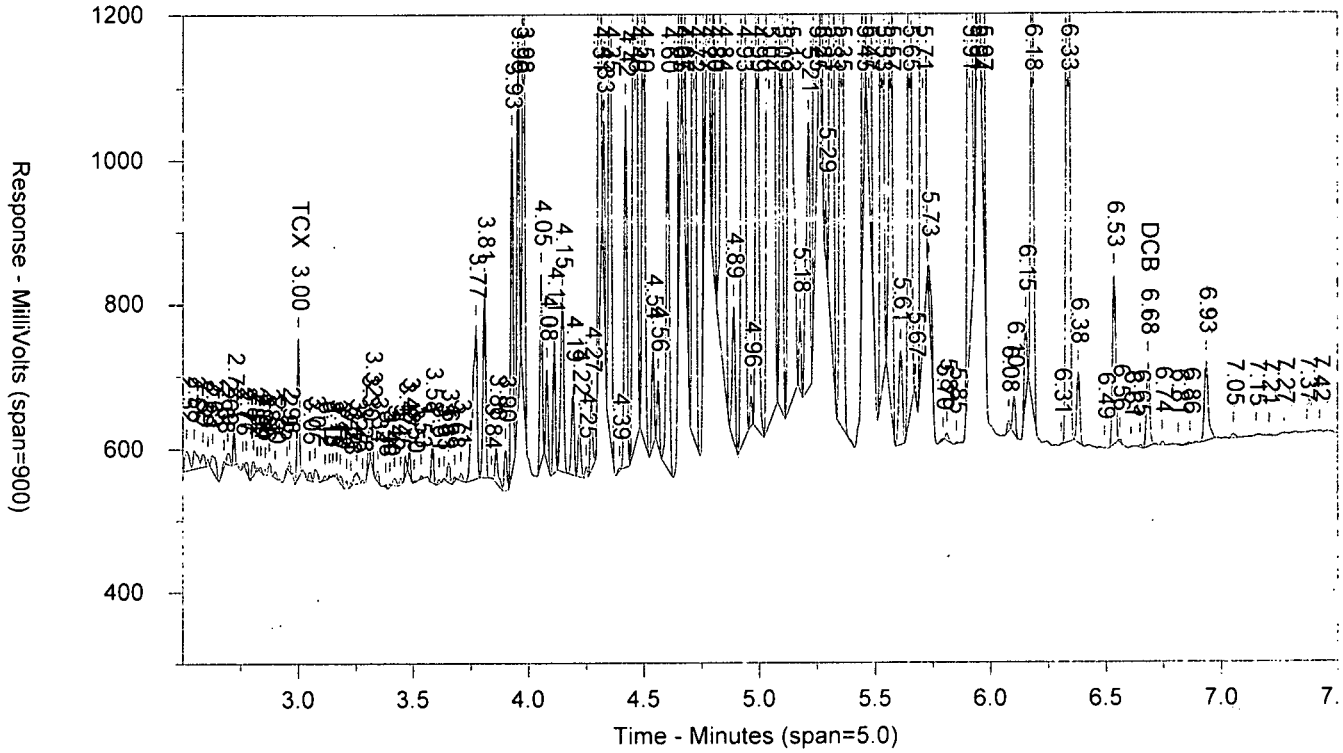


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0013.RAW

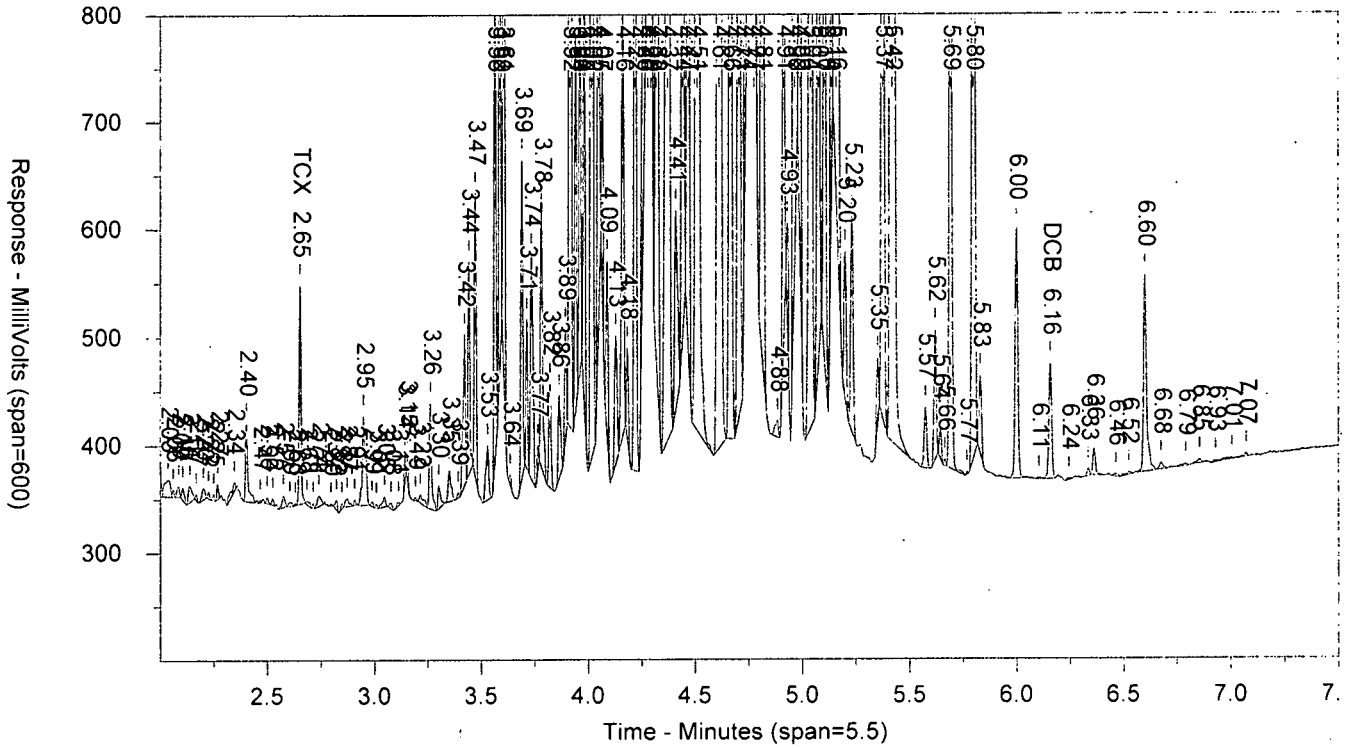


9202701 ACF DF50 AC-132E T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0013.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0013.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202702 ACF DF10 -133W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.29 g Total Volume: 100 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:36:39
Instrument	19843A
Result file	07PCBS17250009.0014.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) * 60% (61 - 152) Conc: 17.7023
%SSR(DCB) 94% (48 - 164) Conc: 24.70422

Analysis Report (B)

Injected on	Sep 18, 2017 20:36:39
Instrument	19843B
Result file	07PCBS17250009B.0014.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 62% (61 - 152) Conc: 18.37993
%SSR(DCB) 85% (48 - 164) Conc: 22.53697

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	689468	17.7023
Decachlorobiphenyl	6.65	6.68	6.71	343125	24.70422

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	735000	18.37993
Decachlorobiphenyl	6.13	6.16	6.19	369435	22.53697

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	B	18.37993				3.76	
☑	Tetrachloro-m-xylene-D1	A	17.7023					
☑	Tetrachloro-m-xylene-D2	B	18.37993					
☐	Decachlorobiphenyl	A	24.70422				9.18	
☑	Decachlorobiphenyl-D1	A	24.70422					
☑	Decachlorobiphenyl-D2	B	22.53697					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.11**	
4.82	4.84	4.86	10713640	7153.65751			1
5.02	5.04	5.06	12098890	8230.10445			2
5.23	5.25	5.27	12344920	8849.851438			3
5.45	5.47	5.49	6581510	8147.610797			4
5.69	5.71	5.73	19209470	9710.60537			5
5.89	5.91	5.93	10649300	8231.812862			6

Height summation: **71597730**
Concentration CF: **8387.273738** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**9.81**	
4.35	4.37	4.39	11358270	7406.452401			1
4.49	4.51	4.53	14382560	8175.645136			2
4.60	4.61	4.64	9615509	6759.720497			3
4.72	4.74	4.76	14200020	8272.409183			4
5.14	5.16	5.18	19552610	8822.431454			5
5.40	5.42	5.44	11348650	8647.055623			6

Height summation: **80457619**
Concentration CF: **8013.952382** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<495.6268	<96.2099	D1		4	
☑	PCB-1221			<495.6268	<148.688	D1		3	
☑	PCB-1232			<495.6268	<119.5335	D1		4	
☑	PCB-1242			<495.6268	<119.5335	D1		4	
☑	PCB-1248			<495.6268	<96.2099	D1		4	
☑	PCB-1254			<495.6268	<128.2799	~~D1~~ D2		4	
☑	PCB-1260	B	8013.952382	495.6268	113.7026	D2	4.55	4	

KTOW 9/21/17

Units: ug/kg

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

Valerie L. Tomczyko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:15:09

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202702** ACF DF10 -133W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.29 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:36:39
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0014.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : *60% (61-152) Conc.: 17.7023
%SSR(DCB) : 94% (48-164) Conc.: 24.70422

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**119.54**	
3.23	3.25	3.27	25628.37	37.884158			1
3.45	3.47	3.49	27036.74	39.045021			2
+ 3.45	3.48	3.49	25423.7	36.715555			2
3.56	3.58	3.60	40096.81	48.574622			3
+ 3.74	3.75	3.78	9385.022	11.612655			4
3.74	3.77	3.78	125837.4	155.706218			4
3.78	3.81	3.82	181949.2	191.8337			5
3.91	3.93	3.95	340565.9	585.373096			6
Height Summation:			**741114.42**				
Amount Avg CF:			**176.402802**	Linear:			
Aroclor-1221					**3**	**18.26**	
+ 3.13	3.13	3.17	3675.624	11.735048			1
+ 3.13	3.15	3.17	3153.584	10.068348			1
3.13	3.16	3.17	8029.104	25.634266			1
3.18	3.21	3.22	10487.04	36.603568			2
3.23	3.25	3.27	25628.37	29.368731			3
Height Summation:			**44144.514**				
Amount Avg CF:			**30.535522**	Linear:			
Aroclor-1232					**6**	**134.37**	
3.23	3.25	3.27	25628.37	32.291764			1
3.45	3.47	3.49	27036.74	81.581367			2
+ 3.45	3.48	3.49	25423.7	76.714137			2
3.56	3.58	3.60	40096.81	100.972489			3
+ 3.74	3.75	3.78	9385.022	25.193715			4
3.74	3.77	3.78	125837.4	337.805451			4
3.78	3.81	3.82	181949.2	391.398469			5
3.91	3.93	3.95	340565.9	1455.310699			6
Height Summation:			**741114.42**				
Amount Avg CF:			**399.893373**	Linear:			
Aroclor-1242					**6**	**125.04**	
3.23	3.25	3.27	25628.37	28.29373			1
3.45	3.47	3.49	27036.74	29.691054			2
+ 3.45	3.48	3.49	25423.7	27.919655			2
3.56	3.58	3.60	40096.81	36.941178			3
+ 3.74	3.75	3.78	9385.022	7.846991			4
3.74	3.77	3.78	125837.4	105.21499			4
3.78	3.81	3.82	181949.2	138.684197			5
3.91	3.93	3.95	340565.9	459.911653			6
Height Summation:			**741114.42**				
Amount Avg CF:			**133.1228**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:36:39
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0014.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 62% (61-152) Conc.: 18.37993
%SSR(DCB) : 85% (48-164) Conc.: 22.53697

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**117.84**	
2.92	2.95	2.96	115357.7	166.684998			1
3.12	3.14	3.16	27090.8	30.779013			2
+ 3.12	3.15	3.16	15025.46	17.071066			2
3.25	3.26	3.29	69545.33	79.938252			3
+ 3.40	3.42	3.44	103234.4	110.716278			4
* 3.40	3.44	3.44	144993.8	155.502176			4
+* 3.44	3.44	3.48	144993.8	165.562851			5
3.44	3.47	3.48	188989	215.799281			5
+ 3.57	3.59	3.61	458168.7	635.158595			6
3.57	3.61	3.61	588108.5	815.293948			6
Height Summation:			**1134085.13**				
Amount Avg CF:			**243.999611**	Linear:			
Aroclor-1221					**3**	**78.30**	
2.80	2.82	2.84	11154.15	29.589939			1
2.86	2.87	2.90	10072.5	42.59869			2
2.92	2.95	2.96	115357.7	124.113831			3
Height Summation:			**136584.35**				
Amount Avg CF:			**65.434153**	Linear:			
Aroclor-1232					**6**	**139.38**	
2.92	2.95	2.96	115357.7	136.244254			1
3.12	3.14	3.16	27090.8	60.962259			2
+ 3.12	3.15	3.16	15025.46	33.811699			2
3.25	3.26	3.29	69545.33	161.803617			3
+ 3.40	3.42	3.44	103234.4	240.586321			4
+* 3.44	3.44	3.48	144993.8	331.819465			5
* 3.40	3.44	3.44	144993.8	337.906017			4
3.44	3.47	3.48	188989	432.50283			5
+ 3.57	3.59	3.61	458168.7	1510.71162			6
3.57	3.61	3.61	588108.5	1939.159844			6
Height Summation:			**1134085.13**				
Amount Avg CF:			**511.429804**	Linear:			
Aroclor-1242					**6**	**121.79**	
2.92	2.95	2.96	115357.7	120.535149			1
3.12	3.14	3.16	27090.8	34.856456			2
+ 3.12	3.15	3.16	15025.46	19.332552			2
3.25	3.26	3.29	69545.33	61.156659			3
+ 3.40	3.42	3.44	103234.4	76.249617			4
* 3.40	3.44	3.44	144993.8	107.093388			4
+* 3.44	3.44	3.48	144993.8	119.616368			5
3.44	3.47	3.48	188989	155.91134			5
+ 3.57	3.59	3.61	458168.7	502.471151			6
3.57	3.61	3.61	588108.5	644.975431			6
Height Summation:			**1134085.13**				
Amount Avg CF:			**187.421404**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202702** ACF DF10 -133W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.29 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:36:39
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0014.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	157.07	
3.78	3.81	3.82	181949.2	389.147476			1
+ 3.84	3.84	3.88	1463.653	2.942707			2
3.84	3.86	3.88	58065.01	116.74098			2
3.91	3.93	3.95	340565.9	411.220118			3
4.03	4.05	4.07	134928.5	144.282981			4
4.12	4.15	4.16	192120.9	237.287692			5
4.30	4.31	4.34	2594412	2999.923148			6
Height Summation:			3502041.51				
Amount Avg CF:			716.433733	Linear:			
Aroclor-1254					6	106.46	
4.29	4.31	4.32	2594412	2782.152967			1
+ 4.63	4.65	4.67	374577.3	378.754429			2
4.63	4.67	4.67	1216870	1230.440024			2
4.69	4.72	4.73	3030648	1448.52207			3
4.91	4.93	4.95	1654935	1293.964881			4
5.11	5.13	5.15	4659547	6367.347738			5
E 5.23	5.25	5.27	12344920	12841.678412			6
Height Summation:			25501332				
Amount Avg CF:			4327.351015	Linear:			
Aroclor-1260					6	10.11	
4.82	4.84	4.86	10713640	7153.65751			1
5.02	5.04	5.06	12098890	8230.10445			2
5.23	5.25	5.27	12344920	8849.851438			3
5.45	5.47	5.49	6581510	8147.610797			4
5.69	5.71	5.73	19209470	9710.60537			5
5.89	5.91	5.93	10649300	8231.812862			6
Height Summation:			71597730				
Amount Avg CF:			8387.273738	Linear:			
Aroclor-1262					6	37.79	
E 5.29	5.31	5.33	5755302	4802.292633			1
E 5.45	5.47	5.49	6581510	6177.48742			2
E 5.69	5.71	5.73	19209470	8217.239634			3
E 5.89	5.91	5.93	10649300	6674.33026			4
E 5.95	5.96	5.99	1786264	2224.974539			5
E 6.31	6.33	6.35	3317111	4607.881048			6
Height Summation:			47298957				
Amount Avg CF:			5450.700922	Linear:			
Aroclor-1268					6	98.87	
E 5.89	5.91	5.93	10649300	3720.589756			1
5.95	5.96	5.99	1786264	721.704333			2
6.08	6.10	6.12	132541.4	55.80107			3
+ 6.14	6.15	6.18	243089.5	389.8016			4
E 6.14	6.18	6.18	1590499	2550.414788			4
E 6.31	6.33	6.35	3317111	4531.836189			5
6.51	6.53	6.55	593294.6	123.150234			6
Height Summation:			18069010				
Amount Avg CF:			1950.582728	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:36:39
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0014.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	125.98	
+ 3.44	3.44	3.48	144993.8	361.486903			1
3.44	3.47	3.48	188989	471.172204			1
3.51	3.53	3.55	68734.73	125.004687			2
3.55	3.56	3.59	370172.6	390.948776			3
3.67	3.69	3.71	160823	141.266459			4
+ 3.76	3.77	3.80	53275.25	67.677101			5
3.76	3.78	3.80	150870	191.654552			5
3.90	3.92	3.94	2794627	1866.278086			6
Height Summation:			3734216.33				
Amount Avg CF:			531.054127	Linear:			
Aroclor-1254					6	115.10	
4.20	4.22	4.24	922403.9	776.741446			1
+ 4.26	4.26	4.30	1166611	555.599569			2
+ 4.26	4.28	4.30	1111809	529.500066			2
4.26	4.29	4.30	3303146	1573.126341			2
E 4.35	4.37	4.39	11358270	11516.226118			3
4.42	4.44	4.46	989170.2	762.697923			4
4.64	4.67	4.68	1299610	1423.323886			5
E 4.72	4.74	4.76	14200020	9815.447681			6
Height Summation:			32072620.1				
Amount Avg CF:			4311.260566	Linear:			
Aroclor-1260					6	9.81	
4.35	4.37	4.39	11358270	7406.452401			1
4.49	4.51	4.53	14382560	8175.645136			2
4.60	4.61	4.64	9615509	6759.720497			3
4.72	4.74	4.76	14200020	8272.409183			4
5.14	5.16	5.18	19552610	8822.431454			5
5.40	5.42	5.44	11348650	8647.055623			6
Height Summation:			80457619				
Amount Avg CF:			8013.952382	Linear:			
Aroclor-1262					6	31.13	
E 4.76	4.77	4.80	6829014	4068.715966			1
E 4.95	4.96	4.99	8074963	5169.978426			2
E 5.14	5.16	5.18	19552610	6784.622297			3
E 5.36	5.37	5.40	2749199	2637.572563			4
E 5.40	5.42	5.44	11348650	6454.661379			5
E 5.78	5.80	5.82	3480038	4624.708831			6
Height Summation:			52034474				
Amount Avg CF:			4956.70991	Linear:			
Aroclor-1268					6	126.56	
5.36	5.37	5.40	2749199	920.591033			1
E 5.40	5.42	5.44	11348650	3963.479799			2
5.56	5.57	5.60	144728.6	60.458386			3
5.62	5.64	5.66	76866.66	131.905676			4
+ 5.62	5.66	5.66	15317.97	26.286132			4
E 5.78	5.80	5.82	3480038	4240.5634			5
5.98	6.00	6.02	614214.9	108.754582			6
Height Summation:			18413697.16				
Amount Avg CF:			1570.958813	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202702 ACF DF10 -133W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.29 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 20:36:39
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0014.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 20:36:39
Instrument	: CP 7--19843B
Result file	: 07PCBS17250009B.0014.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			495.6268	96.2099		32.16	4	40	
Aroclor-1221			495.6268	148.688		** 72.73	3	40	
Aroclor-1232			495.6268	119.5335		24.48	4	40	
Aroclor-1242			495.6268	119.5335		33.88	4	40	
Aroclor-1248			495.6268	96.2099		29.72	4	40	
Aroclor-1254			495.6268	128.2799	E	0.37	4	40	
Aroclor-1260			495.6268	113.7026		4.55	4	40	
Aroclor-1262			495.6268	96.2099	E	9.49	4	40	
Aroclor-1268			495.6268	96.2099	E	21.56	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:36:39 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: 07pcbs17250009.0014.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.502		12428	3841
1.546		8221	4520
1.585		51318	129831
1.641		286069	294173
1.697		44856	63849
1.72		36170	34632
1.747		73990	60465
1.772		6959	3509
1.796		47986	56081
1.815		35079	42079
1.846		15423	7899
1.875		15005	8065
1.894		31817	20352
1.92		20725	15548
1.943		14876	10411
1.986		31928	20234
2.004		37896	31653
2.03		20330	13469
2.052		30114	22312
2.07		48878	49040
2.091		32894	24159
2.112		124239	126770
2.141		35927	45311
2.159		35360	23356
2.176		61678	67885
2.197		43904	37705
2.216		52035	70403
2.242		34868	36213
2.269		180519	132119
2.29		42187	31263
2.302		34550	22124
2.324		13895	7265
2.344		35335	43465
2.38		47023	32057
2.412		18683	11053
2.448		50169	46218
2.459		49624	61489
2.497		23684	27567
2.516		32202	33834
2.549		29686	40111
2.584		15941	14679
2.607		14680	6689
2.624		7723	4238
2.637		13447	9586
2.677		12086	6567
2.701		32854	28823
2.721		174689	109756
2.759		8231	3997
2.773		16773	16769
2.804		25534	21738
2.834		11604	14324
2.857		9457	3848
2.873		26502	18457

RT A	Compound A	Height A	Area A
2.902		10102	7153
2.96		77534	63672
2.999	TCX	689468	483389
3.048		14140	12164
3.072		22788	23487
3.12		6585	9052
3.134		3676	1533
3.151		3154	1535
3.164		8029	3668
3.182		4278	2094
3.207		10487	5568
3.227		5449	2177
3.251		25628	27715
3.282		7906	4397
3.303		106844	66318
3.319		145847	78160
3.345		22686	15437
3.367		2602	1131
3.399		5127	3210
3.422		10257	9412
3.444		7376	4699
3.467		27037	14542
3.483		25424	14658
3.502		3266	1314
3.537		8054	4641
3.557		7375	7432
3.583		40097	24039
3.613		7474	4905
3.654		30137	27055
3.69		5202	5787
3.705		6985	5218
3.75		9385	5854
3.771		125837	117388
3.808		181949	154624
3.843		1464	1164
3.859		58065	57117
3.9		36728	29721
3.928		340566	245926
3.955		287235	194923
3.978		449693	297108
4.029		5913	4294
4.054		134929	93724
4.079		61333	41352
4.111		123811	85256
4.147		192121	211901
4.191		87629	71986
4.219		67819	59179
4.249		14555	8589
4.271		95981	67328
4.308		2594412	2201224
4.352		511797	438122
4.393		3275	3602
4.42		684121	568984
4.463		3759056	3281451
4.498		664579	552046
4.538		124567	89481
4.56		67152	44029
4.602		541470	510719
4.655		374577	250606
4.672		1216871	876405
4.716		3030649	2503651
4.764		4462543	4806359
4.802		965499	650280
4.841		10713640	9330397
4.888		172932	157698
4.928		1654935	1656266

RT A	Compound A	Height A	Area A
4.962		93643	60873
4.989		1904961	1719553
5.042		12098890	14012700
5.093		1944219	1726514
5.132		4659547	4837521
5.174		72740	38761
5.211		890545	1031189
5.245		12344920	10812370
5.267		435855	229183
5.287		174474	74534
5.311		5755302	4922680
5.353		3726890	3339285
5.447		1419470	1095608
5.473		6581510	5454947
5.529		3822249	3195828
5.567		2138172	1966078
5.61		306487	328740
5.65		1992163	1990649
5.675		8938	3833
5.706		19209470	15869220
5.73		70934	161618
5.792		6718	3872
5.851		7613	6744
5.91		10649300	9444286
5.941		637368	418486
5.964		1786265	1941177
6.076		32622	23299
6.1		132541	107680
6.15		243090	195752
6.179		1590499	1415379
6.238		5392	4946
6.279		2472	1079
6.304		3187	2043
6.332		3317111	3151076
6.376		229856	224133
6.533		593295	565485
6.558		5818	3182
6.613		2136	1667
6.649		6018	4945
6.68	DCB	343125	330094
6.711		3218	1634
6.739		13834	13840
6.822		1707	674
6.844		3107	1993
6.888		3128	2530
6.931		75933	88245
6.985		1930	787
7.047		3790	3903
7.136		1937	1163
7.202		5695	7484
7.255		1616	1595
7.316		3014	4676
7.35		1949	1989
7.381		2773	2932
7.469		2186	1851
7.5		4311	3394
7.525		2734	2168
7.583		1378	525
7.609		1234	316
7.625		1866	584
7.658		1696	1424
7.713		1503	642
7.798		1110	766
7.813		1528	806
7.859		5087	6021
7.915		1943	1763

RT A	Compound A	Height A	Area A
7.959		1313	322
8.051		1528	759
8.09		1774	1517
8.143		1282	308
8.176		3238	3021
8.219		1947	762
8.248		1573	662
8.361		1131	412
8.412		1794	1050
8.533		1616	562

LANCASTER LABORATORIES

Sample Number: 9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:36:39 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: 07pcbs17250009B.0014.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

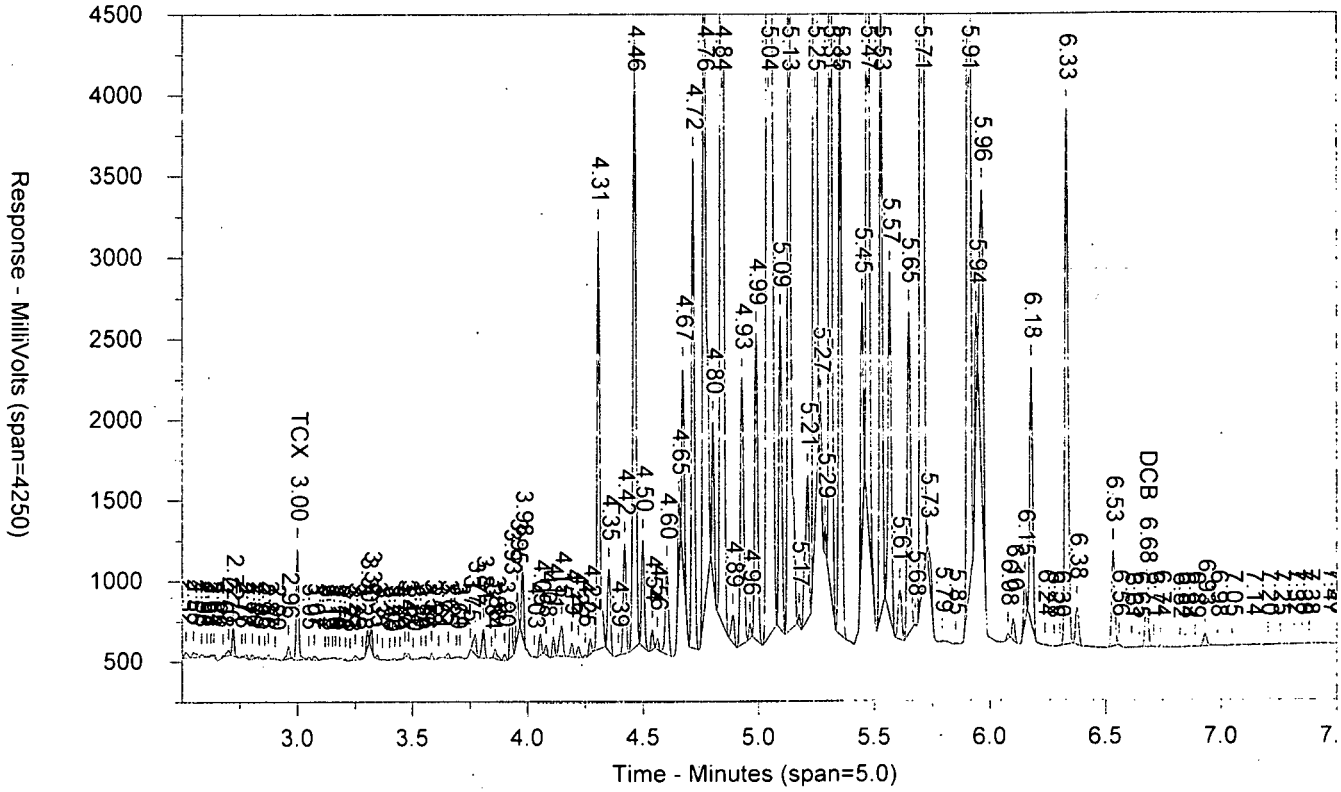
RT B	Compound B	Height B	Area A
1.526		62544	71384
1.566		13109	12848
1.589		5216	3078
1.615		16674	13429
1.644		5423	3138
1.684		12100	15237
1.714		10020	6557
1.75		12216	19048
1.771		12193	10197
1.806		10770	8626
1.832		94398	85135
1.872		14485	21266
1.913		19074	20111
1.939		15371	10900
1.964		17088	14912
1.993		172712	127772
2.04		11262	12230
2.085		8789	7059
2.105		9878	7289
2.137		15000	17278
2.167		4886	1969
2.2		15878	15961
2.225		8352	4658
2.246		5107	3311
2.267		13447	7421
2.284		3950	1959
2.346		8974	4126
2.357		13087	5362
2.401		198877	125470
2.479		4914	2719
2.498		5943	3279
2.526		8560	7811
2.574		10967	9914
2.612		4998	4706
2.652	TCX	735000	458413
2.712		4251	1787
2.741		8916	11504
2.766		3954	3030
2.822		11154	8084
2.849		8346	4802
2.869		10073	8842
2.907		5198	4693
2.948		115358	52582
2.959		100371	41306
2.983		6285	4023
3.008		12201	7147
3.046		12616	12652
3.071		8836	7130
3.108		3725	2970
3.143		27091	13329
3.154		15025	5832
3.192		3094	1737
3.216		12018	15658
3.263		69545	44700

3.303	29359	22656
3.35	19967	23393
3.393	5846	3441
3.422	103234	82313
3.442	144994	75548
3.472	188989	111097
3.53	68735	55093
3.565	370173	223176
3.588	458169	250218
3.606	588109	321302
3.637	29586	15494
3.691	160823	101820
3.714	70321	35785
3.735	150499	144373
3.766	53275	25844
3.782	150870	104680
3.821	83136	59735
3.865	101416	81185
3.895	34876	18447
3.915	2794627	1870938
3.942	186554	100758
3.961	352889	196907
3.981	641470	403340
4.016	3853712	2657565
4.048	626446	398661
4.066	195205	96878
4.088	138345	86487
4.109	12064	5269
4.129	79859	63894
4.161	370383	333688
4.182	101068	64946
4.219	922404	665171
4.262	1166611	711000
4.28	1111809	519993
4.293	3303146	1760297
4.319	1719099	1734919
4.372	11358270	8215514
4.419	195083	225265
4.442	989170	644147
4.466	2561600	1834128
4.509	14382560	10530200
4.563	9980	5689
4.612	9615509	9181349
4.666	1299610	1101905
4.704	2826237	2324309
4.741	14200030	11398320
4.774	6829014	4489075
4.813	4547533	3506284
4.883	25794	21373
4.912	1153939	813365
4.929	146830	73603
4.964	8074963	6051291
4.988	953206	634005
5.038	4145164	3639587
5.074	2005014	1618246
5.104	1465004	1161227
5.136	545428	318231
5.158	19552610	15861150
5.199	362707	260341
5.231	503013	405714
5.294	4783	3316
5.35	147719	93479
5.373	2749199	2266457
5.418	11348650	11646400
5.573	144729	122325
5.618	292929	228156
5.641	76867	49800

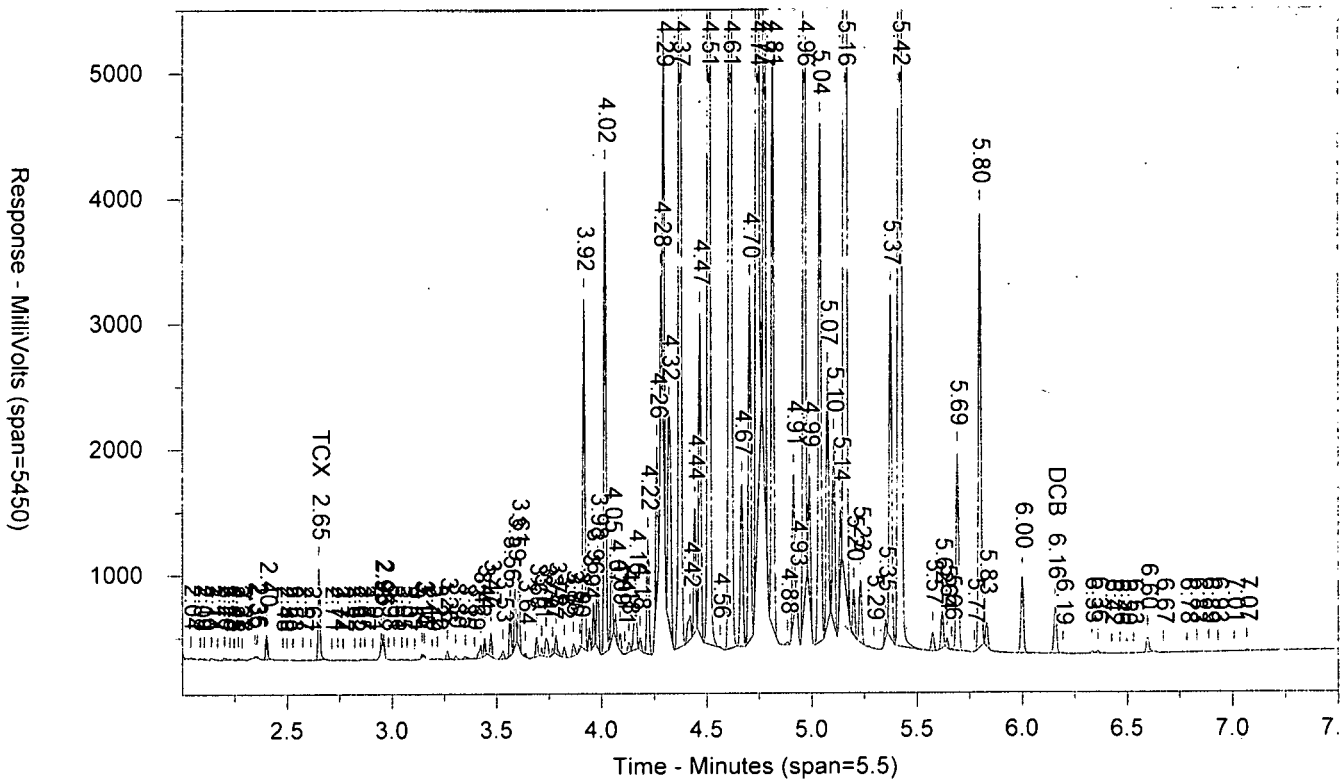
5.663		15318	7504
5.69		1576230	1340273
5.772		3776	1923
5.798		3480038	2800389
5.83		188915	143043
5.998		614215	530841
6.157	DCB	369435	328701
6.193		5861	6035
6.331		19646	15418
6.359		19547	15927
6.424		2373	1968
6.464		2759	3321
6.497		1857	1315
6.529		2645	3099
6.598		118433	110716
6.673		4299	5302
6.783		2333	2590
6.83		1817	1573
6.887		2355	2681
6.931		1863	2338
7.007		1573	1553
7.066		9153	9484
7.593		1404	1221
7.619		3627	3767
7.73		12497	15436
7.784		2252	1872
7.938		1502	5375
8.114		1672	2543
8.187		13147	25595
8.291		9142	17953
8.513		19930	40230

9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0014.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0014.RAW



LANCASTER LABORATORIES

Sample Number: 9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:36:39 PM
Sample Weight: 10.29
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

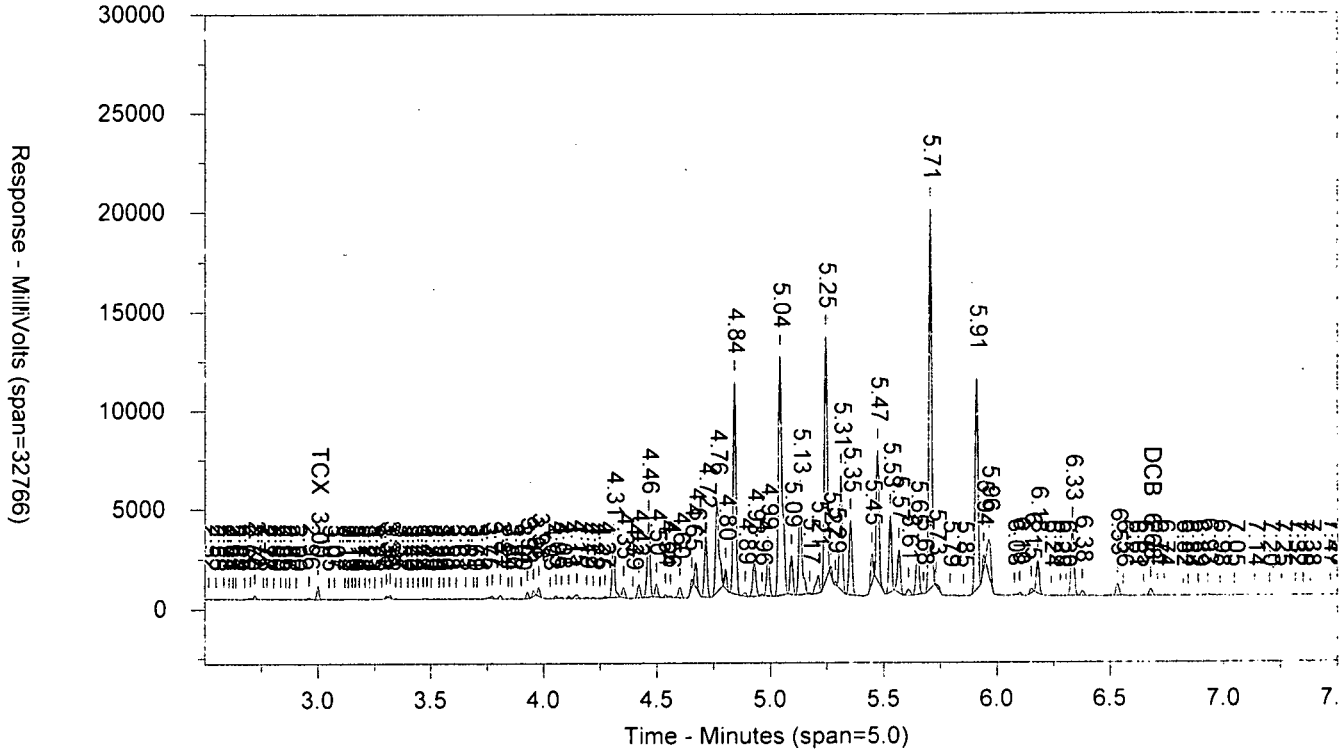
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	689468	17.702	TCX	2.652	735000	18.38	TCX
6.68	343125	24.704	DCB	6.157	369435	22.537	DCB

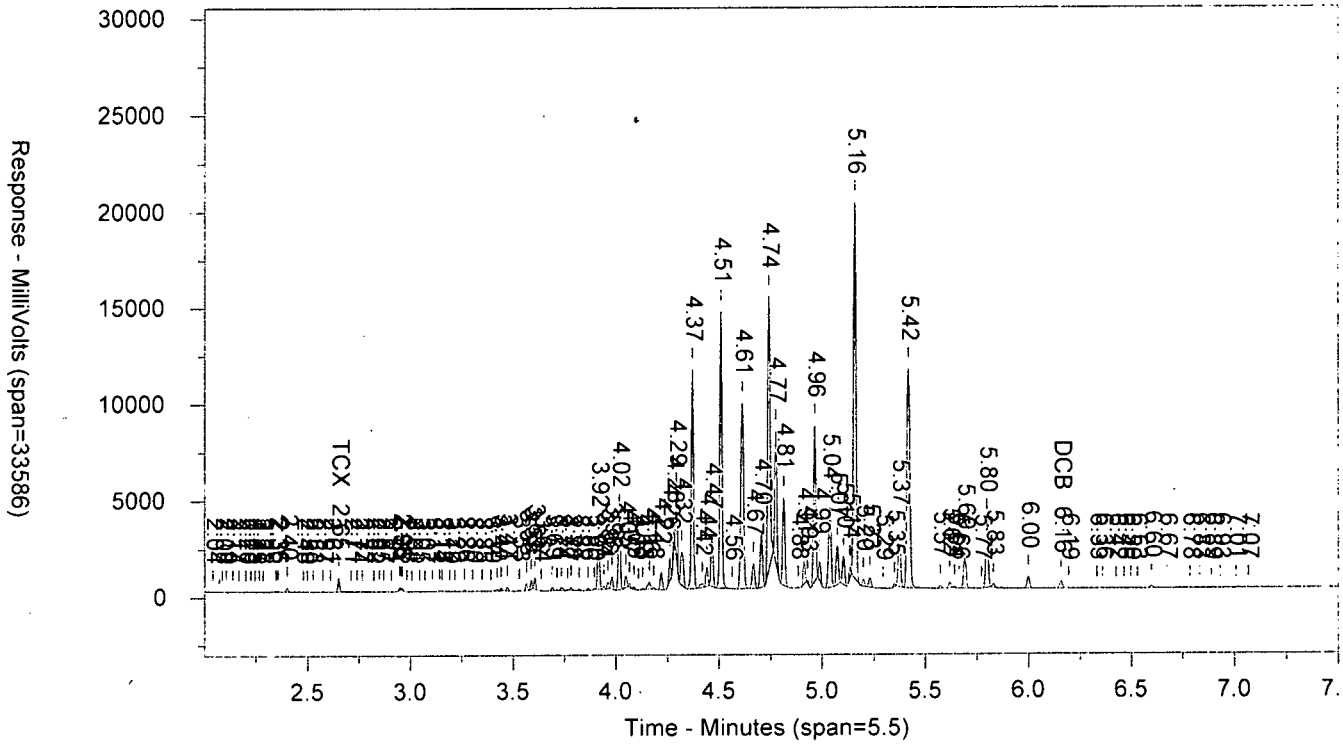
Files:
Area File: 07pcbs17250009.0014.RAW
Area File: 07pcbs17250009B.0014.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 8:45:21 PM
File Reported On: 9/18/2017 at 8:45:32 PM

9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0014.RAW

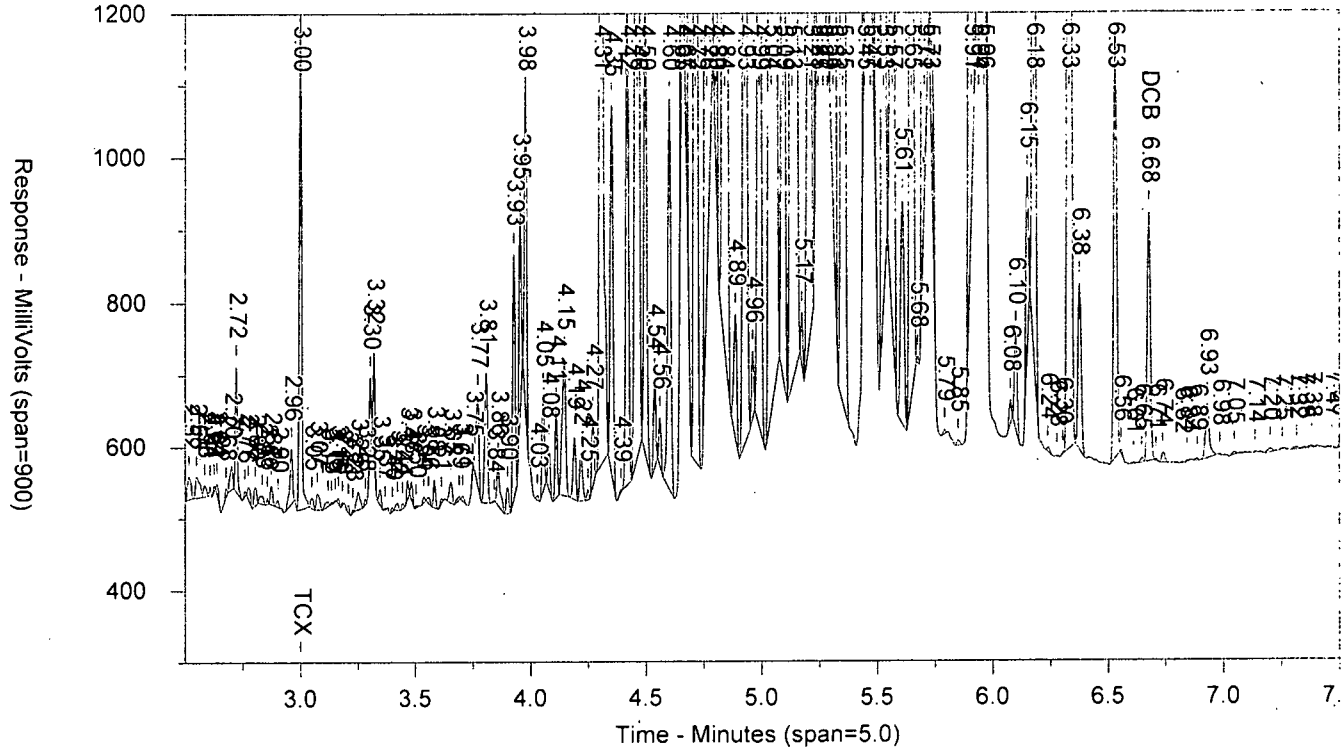


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0014.RAW

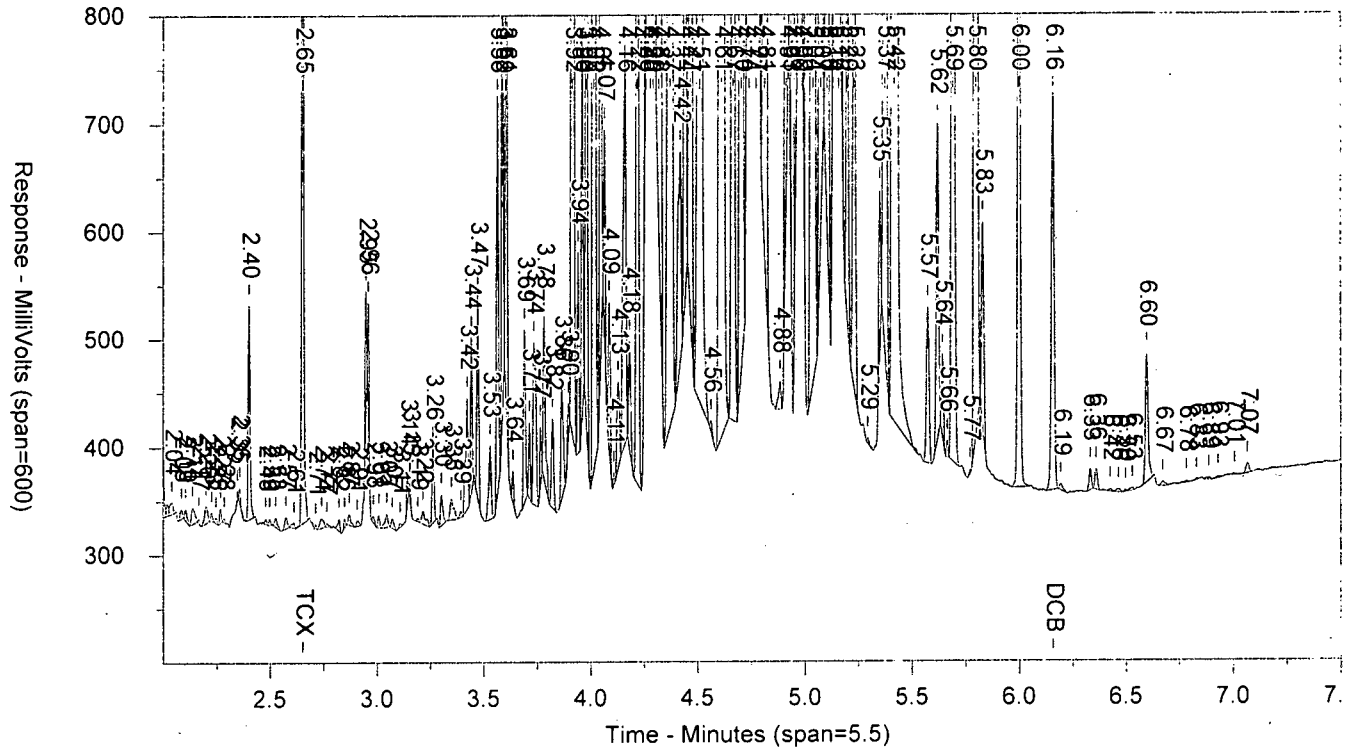


9202702 ACF DF10 AC-133W T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0014.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0014.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202703 ACF DF10 -133E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.19 g Total Volume: 100 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:47:56
Instrument	19843A
Result file	07PCBS17250009.0015.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 74% (61 - 152) Conc: 22.21292
%SSR(DCB) 109% (48 - 164) Conc: 28.90675

Analysis Report (B)

Injected on	Sep 18, 2017 20:47:56
Instrument	19843B
Result file	07PCBS17250009B.0015.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 73% (61 - 152) Conc: 22.03565
%SSR(DCB) 96% (48 - 164) Conc: 25.45948

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	856740	22.21292
Decachlorobiphenyl	6.65	6.68	6.71	397594	28.90675

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	872626	22.03565
Decachlorobiphenyl	6.13	6.16	6.19	413286	25.45948

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	22.21292				0.80	
☑	Tetrachloro-m-xylene-D1	A	22.21292					
☑	Tetrachloro-m-xylene-D2	B	22.03565					
☐	Decachlorobiphenyl	A	28.90675				12.68	
☑	Decachlorobiphenyl-D1	A	28.90675					
☑	Decachlorobiphenyl-D2	B	25.45948					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**10.95**	
4.82	4.84	4.86	9443080	6367.162803			1
5.02	5.04	5.06	10947910	7520.249128			2
5.23	5.24	5.27	11989000	8679.043226			3
5.45	5.47	5.49	5484747	6856.500619			4
5.69	5.70	5.73	15233900	7776.482764			5
5.89	5.91	5.93	9056445	7069.250511			6

Height summation: **62155082**
Concentration CF: **7378.114842** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**11.05**	
4.35	4.37	4.39	10489420	6907.020002			1
4.49	4.51	4.53	12473810	7160.216492			2
4.60	4.61	4.64	8420097	5977.433396			3
4.72	4.74	4.76	13879930	8165.288209			4
5.14	5.16	5.18	17595430	8017.235307			5
5.40	5.42	5.44	9816778	7553.256115			6

Height summation: **72675465**
Concentration CF: **7296.741587** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<500.4907	<97.1541	D1		4	
☑	PCB-1221			<500.4907	<150.1472	D1		3	
☑	PCB-1232			<500.4907	<120.7066	D1		4	
☑	PCB-1242			<500.4907	<120.7066	D1		4	
☑	PCB-1248			<500.4907	<97.1541	D1		4	
☑	PCB-1254			<500.4907	<129.5388	~~D1~~ D2		4	
☑	PCB-1260	B	7296.741587	500.4907	114.8184	D2	1.11	4	

KTurner 9/21/17

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 13:15:12

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202703** ACF DF10 -133E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.19 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0015.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 74% (61-152) Conc.: 22.21292
%SSR(DCB) : 109% (48-164) Conc.: 28.90675

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**146.54**	
3.23	3.25	3.27	30710.54	45.842184			1
+ 3.45	3.47	3.49	68673.48	100.147839			2
3.45	3.48	3.49	69552.42	101.429614			2
3.56	3.58	3.60	171075.3	209.280185			3
+ 3.74	3.76	3.78	78986.81	98.69428			4
3.74	3.77	3.78	144156.5	180.124024			4
3.78	3.81	3.82	442589.5	471.212768			5
3.91	3.93	3.95	1100238	1909.674849			6
Height Summation:			**1958322.26**				
Amount Avg CF:			**486.260604**	Linear:			
Aroclor-1221					**3**	**17.92**	
3.13	3.15	3.17	9682.85	31.217506			1
3.18	3.19	3.22	7004.595	24.6885			2
+ 3.18	3.21	3.22	6255.472	22.04813			2
3.23	3.25	3.27	30710.54	35.537989			3
Height Summation:			**47397.985**				
Amount Avg CF:			**30.481332**	Linear:			
Aroclor-1232					**6**	**159.05**	
3.23	3.25	3.27	30710.54	39.075039			1
+ 3.45	3.47	3.49	68673.48	209.250689			2
3.45	3.48	3.49	69552.42	211.928853			2
3.56	3.58	3.60	171075.3	435.032539			3
+ 3.74	3.76	3.78	78986.81	214.117756			4
3.74	3.77	3.78	144156.5	390.780008			4
3.78	3.81	3.82	442589.5	961.415831			5
E 3.91	3.93	3.95	1100238	4747.69042			6
Height Summation:			**1958322.26**				
Amount Avg CF:			**1130.987115**	Linear:			
Aroclor-1242					**6**	**151.18**	
3.23	3.25	3.27	30710.54	34.23717			1
+ 3.45	3.47	3.49	68673.48	76.155546			2
3.45	3.48	3.49	69552.42	77.130248			2
3.56	3.58	3.60	171075.3	159.158346			3
+ 3.74	3.76	3.78	78986.81	66.69045			4
3.74	3.77	3.78	144156.5	121.714775			4
3.78	3.81	3.82	442589.5	340.658416			5
3.91	3.93	3.95	1100238	1500.379371			6
Height Summation:			**1958322.26**				
Amount Avg CF:			**372.213054**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0015.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 73% (61-152) Conc.: 22.03565
%SSR(DCB) : 96% (48-164) Conc.: 25.45948

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**142.65**	
2.92	2.95	2.96	86690.89	126.492442			1
3.12	3.14	3.16	60414.9	69.313544			2
+ 3.12	3.15	3.16	46444.44	53.285344			2
3.25	3.26	3.29	218322.3	253.411294			3
+ 3.40	3.42	3.44	364872.7	395.156926			4
* 3.40	3.44	3.44	389754.7	422.104118			4
+* 3.44	3.44	3.48	389754.7	449.4134			5
3.44	3.47	3.48	444144.8	512.128846			5
+ 3.57	3.59	3.61	1327151	1857.882704			6
3.57	3.61	3.61	1786068	2500.322002			6
Height Summation:			**2985395.59**				
Amount Avg CF:			**647.295374**	Linear:			
Aroclor-1221					**3**	**46.95**	
2.80	2.82	2.84	16975	45.47352			1
2.86	2.87	2.90	10210.72	43.607032			2
2.92	2.95	2.96	86690.89	94.18641			3
Height Summation:			**113876.61**				
Amount Avg CF:			**61.088987**	Linear:			
Aroclor-1232					**6**	**155.52**	
2.92	2.95	2.96	86690.89	103.391839			1
3.12	3.14	3.16	60414.9	137.285437			2
+ 3.12	3.15	3.16	46444.44	105.539283			2
3.25	3.26	3.29	218322.3	512.931703			3
+ 3.40	3.42	3.44	364872.7	858.675467			4
+* 3.44	3.44	3.48	389754.7	900.709986			5
* 3.40	3.44	3.44	389754.7	917.231678			4
3.44	3.47	3.48	444144.8	1026.403676			5
E+ 3.57	3.59	3.61	1327151	4418.935701			6
E 3.57	3.61	3.61	1786068	5946.964324			6
Height Summation:			**2985395.59**				
Amount Avg CF:			**1440.701443**	Linear:			
Aroclor-1242					**6**	**146.39**	
2.92	2.95	2.96	86690.89	91.470652			1
3.12	3.14	3.16	60414.9	78.495842			2
+ 3.12	3.15	3.16	46444.44	60.34431			2
3.25	3.26	3.29	218322.3	193.871988			3
+ 3.40	3.42	3.44	364872.7	272.142135			4
* 3.40	3.44	3.44	389754.7	290.7005			4
+* 3.44	3.44	3.48	389754.7	324.693601			5
3.44	3.47	3.48	444144.8	370.004453			5
+ 3.57	3.59	3.61	1327151	1469.762777			6
E 3.57	3.61	3.61	1786068	1977.99366			6
Height Summation:			**2985395.59**				
Amount Avg CF:			**500.422849**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202703** ACF DF10 -133E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.19 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0015.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	91.91	
3.78	3.81	3.82	442589.5	955.886581			1
3.84	3.86	3.88	86755.59	176.13574			2
3.91	3.93	3.95	1100238	1341.531962			3
4.03	4.05	4.07	623444.4	673.209649			4
4.12	4.14	4.16	559256.7	697.514093			5
4.30	4.31	4.34	2799428	3268.749785			6
+ 4.30	4.32	4.34	488251.2	570.106109			6
Height Summation:			**5611712.19**				
Amount Avg CF:			**1185.504635**	Linear:			
Aroclor-1254					6	85.25	
4.29	4.31	4.32	2799428	3031.464962			1
+ 4.29	4.32	4.32	488251.2	528.721012			1
4.63	4.65	4.67	1075840	1098.512854			2
+ 4.63	4.67	4.67	811754	828.861358			2
4.69	4.71	4.73	6673338	3220.875456			3
4.91	4.93	4.95	3778820	2983.588637			4
5.11	5.13	5.15	4419704	6098.868183			5
E 5.23	5.24	5.27	11989000	12593.825197			6
Height Summation:			**30736130**				
Amount Avg CF:			**4837.855882**	Linear:			
Aroclor-1260					6	10.95	
4.82	4.84	4.86	9443080	6367.162803			1
5.02	5.04	5.06	10947910	7520.249128			2
5.23	5.24	5.27	11989000	8679.043226			3
5.45	5.47	5.49	5484747	6856.500619			4
5.69	5.70	5.73	15233900	7776.482764			5
5.89	5.91	5.93	9056445	7069.250511			6
Height Summation:			**62155082**				
Amount Avg CF:			**7378.114842**	Linear:			
Aroclor-1262					6	34.99	
E 5.29	5.31	5.33	4874178	4106.984645			1
E 5.45	5.47	5.49	5484747	5198.572609			2
E 5.69	5.70	5.73	15233900	6580.560114			3
E 5.89	5.91	5.93	9056445	5731.72804			4
E 5.95	5.96	5.99	1600227	2012.807234			5
E 6.31	6.33	6.35	2810214	3942.047369			6
Height Summation:			**39059711**				
Amount Avg CF:			**4595.450002**	Linear:			
Aroclor-1268					6	97.44	
E 5.89	5.91	5.93	9056445	3195.138358			1
5.95	5.96	5.99	1600227	652.884641			2
6.08	6.10	6.12	118128.5	50.221173			3
+ 6.14	6.15	6.18	211869.9	343.07405			4
E 6.14	6.18	6.18	1406313	2277.196982			4
E 6.31	6.33	6.35	2810214	3876.990907			5
6.51	6.53	6.55	554225.2	116.169549			6
Height Summation:			**15545552.7**				
Amount Avg CF:			**1694.766935**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0015.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	80.58	
+ 3.44	3.44	3.48	389754.7	981.241			1
3.44	3.47	3.48	444144.8	1118.172758			1
3.51	3.53	3.55	105505.6	193.761178			2
3.55	3.56	3.59	1205564	1285.721924			3
+ 3.67	3.67	3.71	4418.497	3.919283			4
3.67	3.69	3.71	701034.8	621.829995			4
+ 3.76	3.77	3.80	43990.04	56.430227			5
3.76	3.78	3.80	570689.4	732.077814			5
3.90	3.91	3.94	4155422	2802.262605			6
Height Summation:			**7182360.6**				
Amount Avg CF:			**1125.637712**	Linear:			
Aroclor-1254					6	85.56	
4.20	4.22	4.24	2011066	1710.105341			1
+ 4.26	4.26	4.30	890620.2	428.321194			2
4.26	4.28	4.30	4304996	2070.378628			2
+ 4.26	4.29	4.30	1955452	940.425039			2
E 4.35	4.37	4.39	10489420	10739.663182			3
4.42	4.44	4.46	3055402	2378.981633			4
4.64	4.66	4.68	2370459	2621.587346			5
E 4.72	4.74	4.76	13879930	9688.345613			6
Height Summation:			**36111273**				
Amount Avg CF:			**4868.176957**	Linear:			
Aroclor-1260					6	11.05	
4.35	4.37	4.39	10489420	6907.020002			1
4.49	4.51	4.53	12473810	7160.216492			2
4.60	4.61	4.64	8420097	5977.433396			3
4.72	4.74	4.76	13879930	8165.288209			4
5.14	5.16	5.18	17595430	8017.235307			5
5.40	5.42	5.44	9816778	7553.256115			6
Height Summation:			**72675465**				
Amount Avg CF:			**7296.741687**	Linear:			
Aroclor-1262					6	31.00	
E 4.76	4.77	4.80	5745384	3456.683538			1
E 4.95	4.96	4.99	6487657	4194.47163			2
E 5.14	5.16	5.18	17595430	6165.410716			3
E 5.36	5.37	5.40	2623931	2542.095375			4
E 5.40	5.42	5.44	9816778	5638.186297			5
E 5.78	5.80	5.82	3066570	4115.233499			6
Height Summation:			**45335750**				
Amount Avg CF:			**4352.013509**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202703 ACF DF10 -133E Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.19 g Total Volume: 100 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0015.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 20:47:56
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0015.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1268					**6**	**124.56**	
5.36	5.37	5.40	2623931	887.266664			1
E 5.40	5.42	5.44	9816778	3462.12391			2
5.56	5.57	5.60	156865.2	66.171348			3
5.62	5.64	5.66	70865.11	122.800216			4
+ 5.62	5.66	5.66	35426.29	61.389251			4
E 5.78	5.80	5.82	3066570	3773.406975			5
5.98	6.00	6.02	559448.9	100.029669			6

Height Summation: **16294458.21**
Amount Avg CF: **1401.966464** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			500.4907	97.1541		28.41	4	40	
Aroclor-1221			500.4907	150.1472		** 66.85	3	40	
Aroclor-1232			500.4907	120.7066	E	24.09	4	40	
Aroclor-1242			500.4907	120.7066		29.38	4	40	
Aroclor-1248			500.4907	97.1541		5.18	4	40	
Aroclor-1254			500.4907	129.5388	E	0.62	4	40	
Aroclor-1260			500.4907	114.8185		1.11	4	40	
Aroclor-1262			500.4907	97.1541	E	5.44	4	40	
Aroclor-1268			500.4907	97.1541	E	18.91	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:47:56 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: 07pcbs17250009.0015.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.502		7339	2461
1.582		3228	4030
1.64		185217	218555
1.702		25902	40755
1.746		103800	99096
1.795		30468	39232
1.818		25294	34484
1.846		17368	14030
1.874		13964	10121
1.893		17462	12244
1.917		14155	12877
1.943		15801	15125
1.961		12408	15522
1.985		19903	15761
2.003		21551	18185
2.051		20971	16346
2.069		28420	30263
2.111		69708	93340
2.158		28105	29209
2.175		37705	41479
2.2		43705	37430
2.215		30989	35296
2.241		19778	18311
2.269		274907	202500
2.321		7313	3981
2.343		19994	23527
2.38		44820	38351
2.395		23580	12438
2.413		15555	9313
2.445		33499	35308
2.462		34208	39541
2.494		21299	24561
2.515		21405	27038
2.549		20873	26992
2.585		16799	16025
2.604		9692	6305
2.623		6007	2955
2.673		8180	6284
2.701		22379	18305
2.72		198548	126297
2.758		8033	4809
2.773		9287	8172
2.804		15329	12960
2.82		4920	2066
2.842		8523	9218
2.872		18336	12750
2.899		6989	5016
2.921		2921	1659
2.96		50588	46229
2.999	TCX	856740	593750
3.051		8767	7353
3.073		5171	3369
3.107		5032	3484

RT A	Compound A	Height A	Area A
3.151		9683	12077
3.191		7005	3463
3.207		6255	3173
3.224		3670	1317
3.252		30711	33462
3.302		146421	89838
3.318		147115	74594
3.343		19531	11111
3.366		1820	891
3.416		3800	3582
3.465		68673	38484
3.482		69552	39717
3.519		9255	4684
3.535		7235	3350
3.548		6961	3574
3.581		171075	115575
3.622		4383	5727
3.652		50859	42610
3.689		16247	11475
3.704		9272	4629
3.761		78987	41140
3.769		144157	71628
3.807		442590	363918
3.858		86756	63720
3.898		123782	97057
3.927		1100238	776175
3.953		1105605	735329
3.977		1515488	1039003
4.028		3686	1647
4.053		623444	447137
4.078		350910	250173
4.109		505339	364706
4.144		559257	521225
4.189		318515	274502
4.217		178667	148424
4.27		211023	155123
4.306		2799428	1973782
4.324		488251	239982
4.35		1905312	1625193
4.388		4100	1792
4.418		1264905	1044893
4.461		4835598	4774505
4.496		2449955	2015282
4.537		393384	287564
4.559		251030	178241
4.601		1271558	1139967
4.653		1075840	736228
4.669		811754	784854
4.715		6673339	5517928
4.764		2950175	2243078
4.777		240553	122144
4.799		811602	513762
4.82		79875	40376
4.84		9443080	7817370
4.886		457785	419393
4.927		3778821	3579399
4.961		79544	50930
4.987		2103742	1931129
5.039		10947910	12802740
5.092		1614475	1435334
5.13		4419704	4567305
5.173		258268	167130
5.21		870378	1023726
5.243		11989000	10524510
5.266		459556	215254
5.286		178799	83403

RT A	Compound A	Height A	Area A
5.31		4874178	4201975
5.352		2896056	2697268
5.448		1635212	1244749
5.471		5484747	4281536
5.527		3163487	2704637
5.566		1719606	1631112
5.607		255495	266013
5.648		1819214	1705793
5.672		39820	24982
5.705		15233900	13084790
5.728		63900	133360
5.791		7007	4427
5.808		6975	7540
5.852		8718	8482
5.91		9056445	8043983
5.94		486775	350919
5.963		1600227	1720276
6.074		57792	44828
6.098		118129	95156
6.15		211870	167254
6.178		1406313	1256600
6.241		12271	10473
6.279		1233	927
6.302		6877	3976
6.332		2810215	2806599
6.376		216606	204673
6.42		5235	4408
6.45		3744	1854
6.532		554225	534961
6.608		2803	2121
6.649		7738	6013
6.679	DCB	397594	388288
6.714		5713	3579
6.743		12354	11206
6.792		1715	616
6.852		3185	3515
6.883		2474	783
6.93		247698	305371
6.984		1783	471
7.011		2018	973
7.045		13296	15068
7.083		2772	1759
7.141		1872	1273
7.204		3652	3341
7.259		1200	1721
7.322		1763	3473
7.381		3426	3039
7.412		2074	929
7.454		1597	687
7.536		4231	14330
7.558		2758	2218
7.653		1521	844
7.708		1511	1349
7.791		1416	1631
7.857		9091	14476
7.901		1889	1214
7.945		1647	549
7.976		2216	1069
8.005		2278	1109
8.041		1691	1489
8.057		2181	681
8.087		5706	9056
8.175		22307	41248
8.323		1696	983
8.364		2543	1336
8.428		1091	919

RT A	Compound A	Height A	Area A
8.439		2045	841
8.482		2349	2548
8.562		2004	1732
8.589		1423	1912
8.661		1345	570

LANCASTER LABORATORIES

Sample Number: 9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:47:56 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: 07pcbs17250009B.0015.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

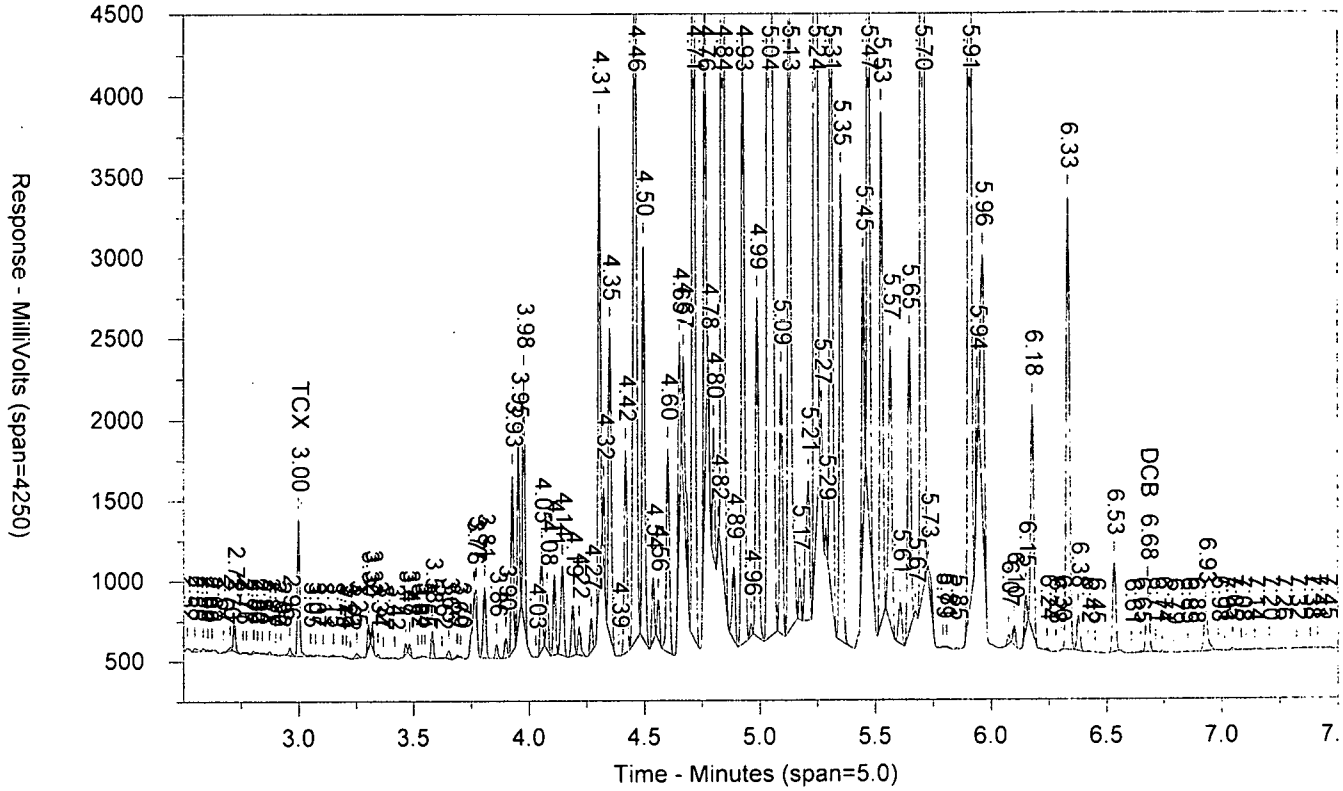
RT B	Compound B	Height B	Area A
1.526		83503	86615
1.564		11218	11269
1.589		3944	2029
1.615		13282	9285
1.684		12574	16460
1.715		8286	7238
1.746		8974	14401
1.77		11763	14893
1.803		8173	8245
1.832		48737	49336
1.866		11441	11190
1.911		31727	34016
1.94		9090	5408
1.966		14582	12011
1.993		260201	188885
2.031		11187	17356
2.06		3979	1555
2.104		7115	5706
2.136		5303	3574
2.169		9252	4453
2.2		8586	8296
2.224		5216	3406
2.25		3910	2105
2.267		16210	12563
2.327		3308	4251
2.347		5684	2881
2.357		11419	8277
2.401		198077	132116
2.46		7366	8992
2.5		3960	2953
2.528		6975	4783
2.553		3845	2020
2.575		5881	5229
2.609		3341	2949
2.652	TCX	872626	549078
2.735		8817	9578
2.822		16975	10627
2.849		5851	3043
2.869		10211	6112
2.909		9090	7338
2.948		86691	40052
2.959		122713	55275
3.046		19161	14123
3.072		9998	8583
3.143		60415	28307
3.154		46444	20024
3.193		13477	7352
3.215		15198	10132
3.238		10535	5942
3.263		218322	150555
3.302		39707	31159
3.35		47190	49470
3.391		12603	7201
3.422		364873	275347

3.441	389755	231267
3.472	444145	262696
3.53	105506	99749
3.564	1205564	735058
3.587	1327151	695255
3.605	1786068	994874
3.635	19606	9625
3.672	4418	1922
3.69	701035	429318
3.713	363255	203759
3.734	535441	446885
3.765	43990	21264
3.781	570689	417150
3.821	263137	195741
3.863	193680	154309
3.893	216003	121955
3.915	4155422	2649885
3.941	936846	539448
3.96	1106203	615979
3.98	1237459	723210
4.016	5346745	3554915
4.047	2360140	1453828
4.065	630208	309177
4.087	436307	274183
4.107	16399	5993
4.128	315299	263497
4.161	1071354	752119
4.181	273466	177533
4.218	2011066	1411126
4.26	890620	804026
4.279	4304996	2412363
4.292	1955452	896011
4.317	1628060	1520763
4.371	10489420	8105820
4.408	488957	484695
4.441	3055403	2020568
4.466	2877413	1955935
4.508	12473810	9613081
4.561	11056	6639
4.612	8420097	7986323
4.662	2370459	1987677
4.703	2769120	2336116
4.74	13879930	11390620
4.773	5745385	3792102
4.812	3647571	2798014
4.871	13219	7552
4.882	26215	13603
4.912	904758	604866
4.928	207492	115559
4.963	6487657	4971718
4.987	1590266	1043671
5.037	3677642	3186213
5.073	1785898	1350032
5.103	1293066	1006459
5.135	609634	350249
5.157	17595430	13351200
5.198	283059	202826
5.23	436701	359537
5.27	6786	4922
5.294	9016	5235
5.348	136274	83343
5.372	2623931	2073035
5.417	9816778	10017820
5.572	156865	132296
5.618	268533	206995
5.641	70865	44127
5.663	35426	20922

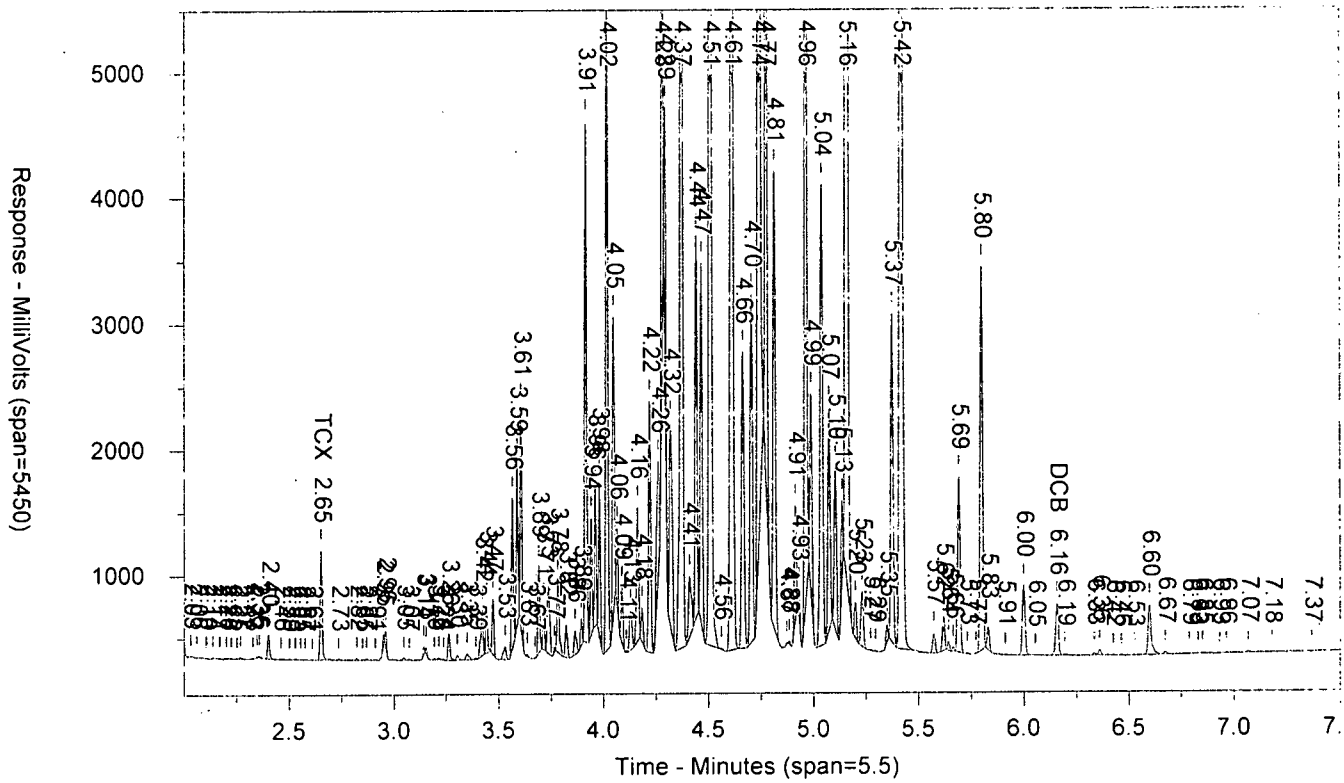
5.69		1396592	1176652
5.73		8084	7863
5.771		8374	4886
5.797		3066570	2544586
5.829		179849	134653
5.91		3382	3232
5.997		559449	510215
6.053		3348	2296
6.156	DCB	413286	366497
6.193		10148	9815
6.333		14876	11784
6.358		41884	32989
6.423		4658	3888
6.462		3281	3352
6.526		2989	3185
6.598		396345	417043
6.674		21201	19223
6.787		4742	7311
6.83		1648	882
6.85		5269	4523
6.932		2748	3849
6.963		2620	2251
7.067		12256	11790
7.178		2942	5019
7.365		2115	3012
7.62		8221	12967
7.728		43823	57416
7.785		3897	5966
7.891		1763	2019
8.02		3217	4337
8.087		1441	1627
8.189		17326	32093
8.288		7263	12639
8.434		2804	5698
8.511		35024	65228
8.659		1749	1570

9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0015.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0015.RAW



LANCASTER LABORATORIES

Sample Number: 9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:47:56 PM
Sample Weight: 10.19
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

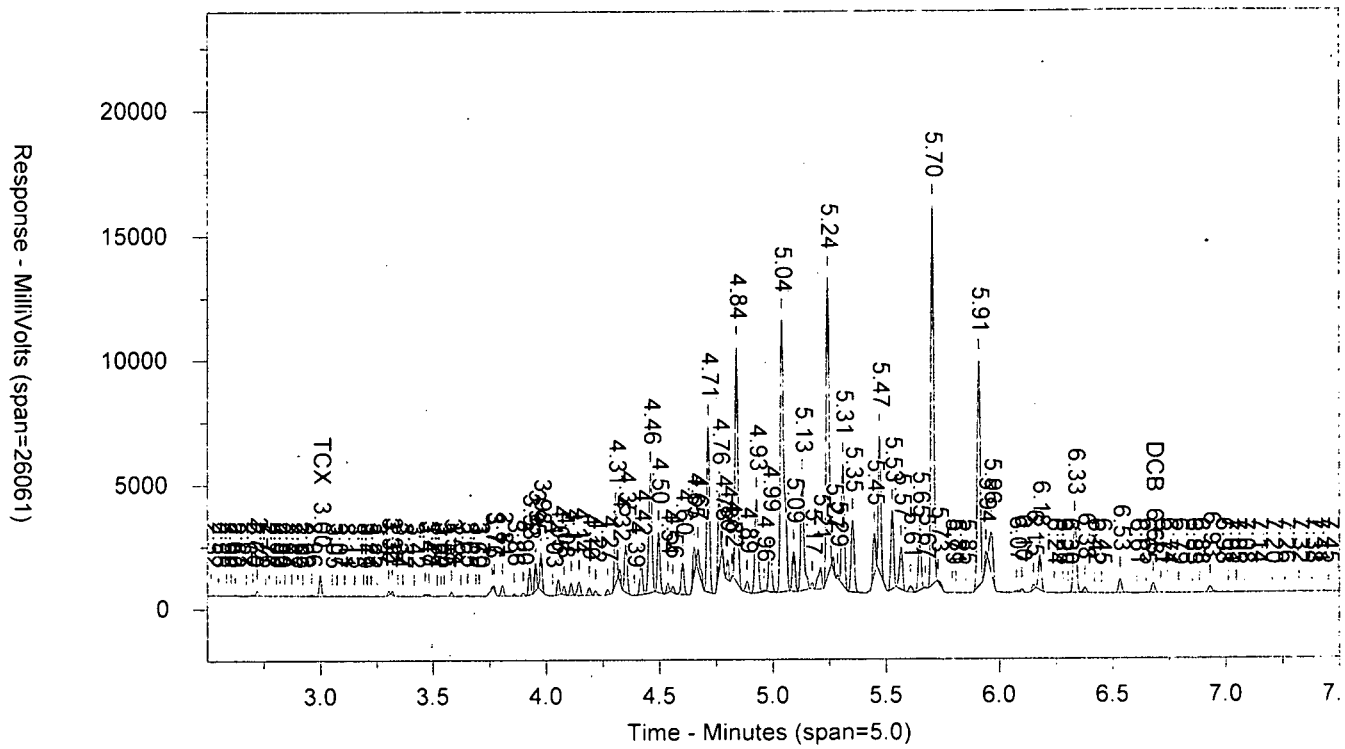
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	856740	22.213	TCX	2.652	872626	22.036	TCX
6.679	397594	28.907	DCB	6.156	413286	25.459	DCB

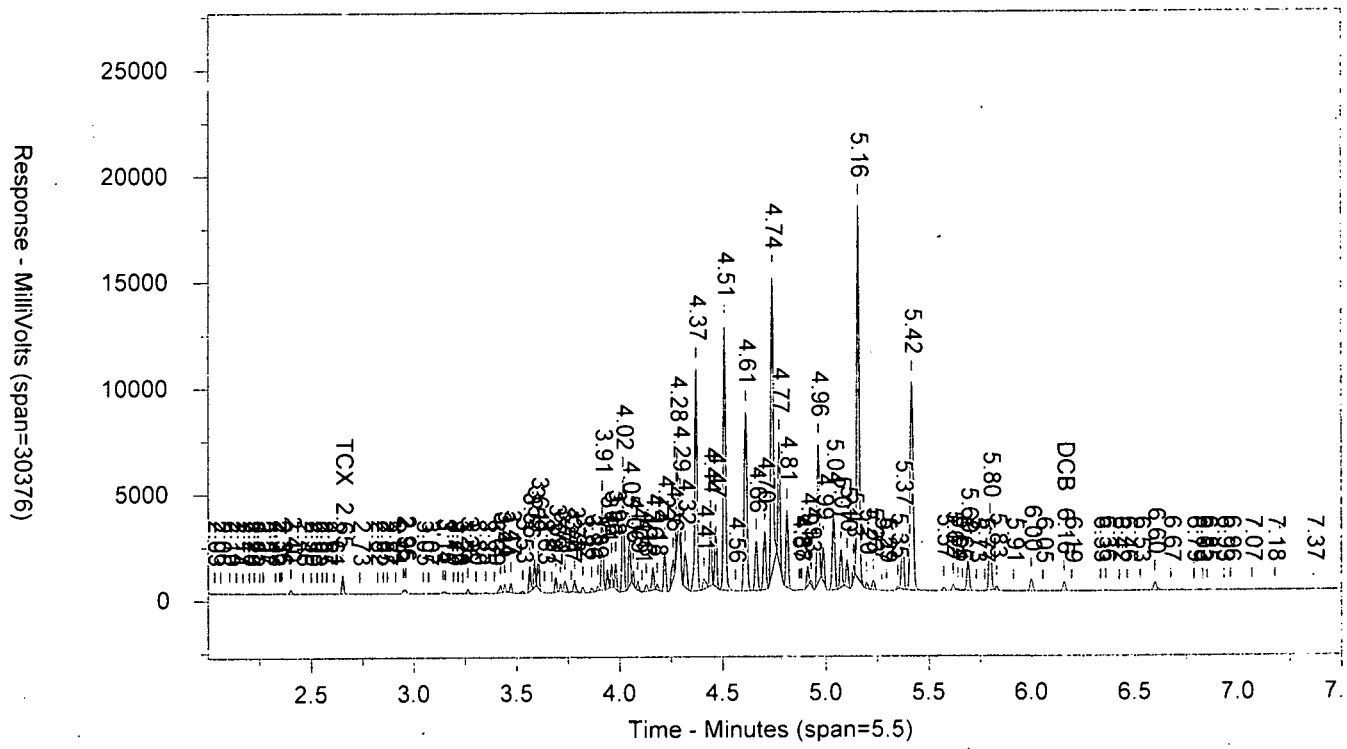
Files:
Area File: 07pcbs17250009.0015.RAW
Area File: 07pcbs17250009B.0015.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 8:56:38 PM
File Reported On: 9/18/2017 at 8:56:46 PM

9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0015.RAW

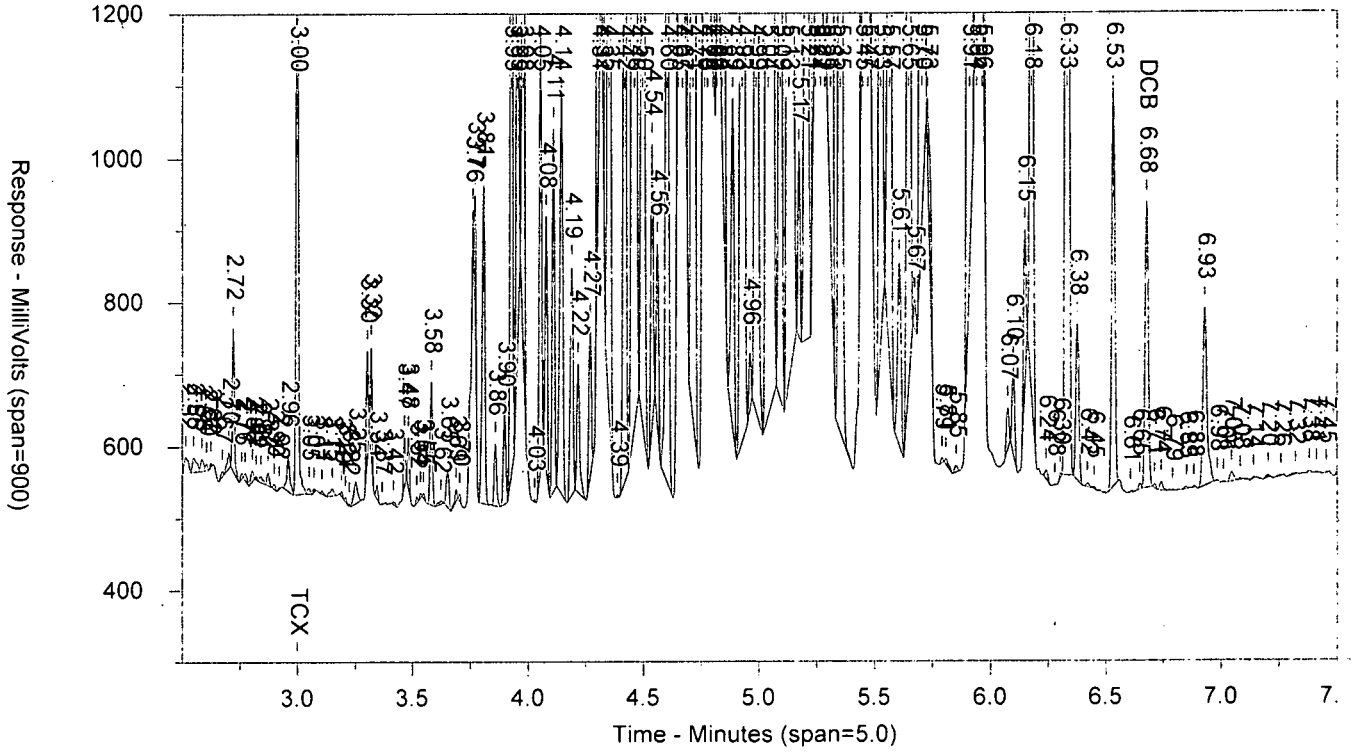


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0015.RAW

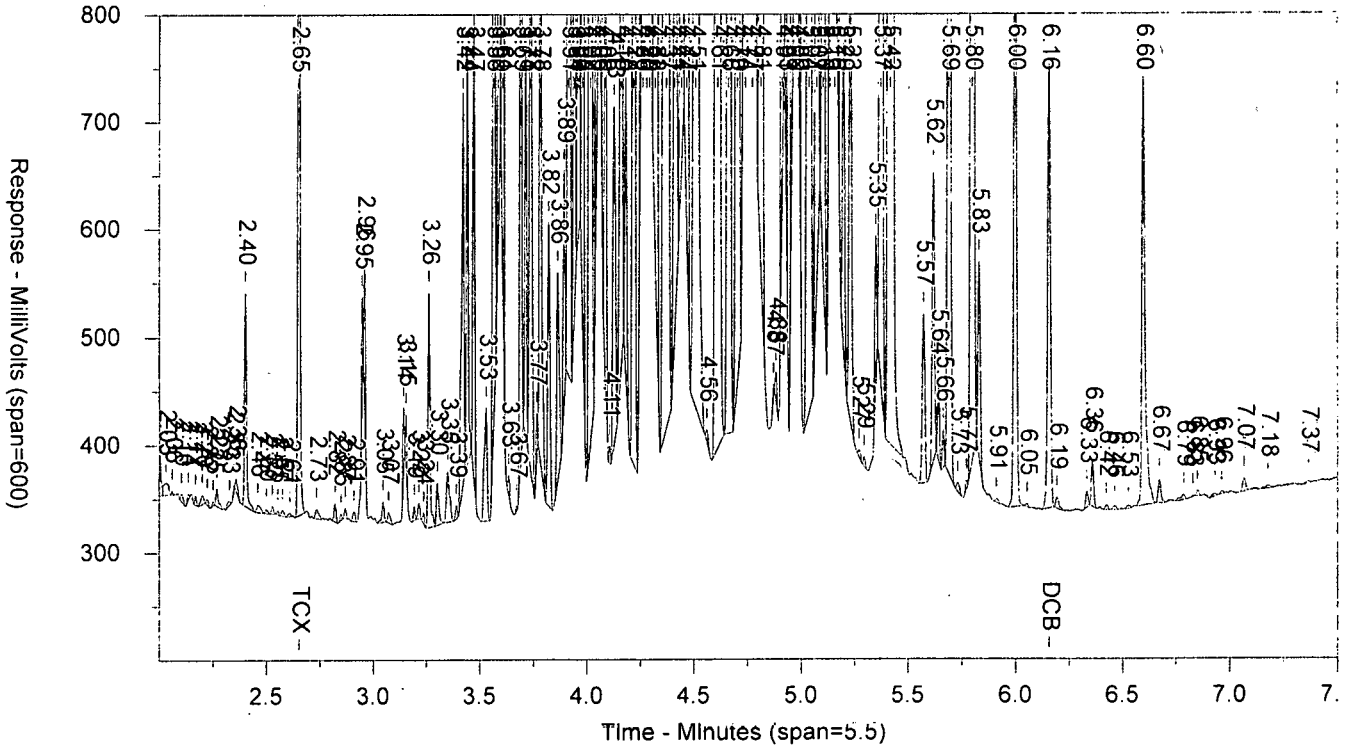


9202703 ACF DF10 AC-133E T 172560044A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0015.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0015.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202704 ACF DF50 -134W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.42 g Total Volume: 500 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:59:24
Instrument	19843A
Result file	07PCBS17250009.0016.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 92% (61 - 152) Conc: 26.92728
%SSR(DCB) 110% (48 - 164) Conc: 28.70698

Analysis Report (B)

Injected on	Sep 18, 2017 20:59:24
Instrument	19843B
Result file	07PCBS17250009B.0016.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 92% (61 - 152) Conc: 26.83224
%SSR(DCB) 115% (48 - 164) Conc: 29.92978

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	212402	26.92728	Tetrachloro-m-xylene	2.62	2.65	2.68	217311	26.83224
Decachlorobiphenyl	6.65	6.68	6.71	80752	28.70698	Decachlorobiphenyl	6.13	6.16	6.19	99364	29.92978

Single Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐	Tetrachloro-m-xylene	A	26.92728				0.35	
☑	Tetrachloro-m-xylene-D1	A	26.92728					
☑	Tetrachloro-m-xylene-D2	B	26.83224					
☐	Decachlorobiphenyl	B	29.92978				4.17	
☑	Decachlorobiphenyl-D1	A	28.70698					
☑	Decachlorobiphenyl-D2	B	29.92978					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**17.09**	
4.82	4.84	4.86	3047093	10046.029855			1
5.02	5.04	5.06	2859762	9605.221181			2
5.23	5.25	5.27	3314132	11731.003455			3
5.45	5.47	5.49	2311171	14127.147159			4
5.69	5.71	5.73	5844612	14588.285971			5
5.89	5.91	5.93	3412038	13022.84725			6

Height summation: **20788808**
Concentration CF: **12186.755812** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**19.57**	
4.35	4.37	4.39	3351886	10792.07482			1
4.49	4.51	4.53	3489912	9795.305251			2
4.60	4.61	4.64	2750987	9549.104774			3
4.72	4.74	4.76	4008428	11530.145806			4
5.14	5.16	5.18	6617897	14744.200182			5
5.40	5.42	5.44	3888924	14630.904193			6

Height summation: **24108034**
Concentration CF: **11840.289171** L:

Multiple Component Summary

	Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
☑	PCB-1016			<2447.2169	<475.048	D1		4	
☑	PCB-1221			<2447.2169	<734.1651	D1		3	
☑	PCB-1232			<2447.2169	<590.2111	D1		4	
☑	PCB-1242			<2447.2169	<590.2111	D1		4	
☑	PCB-1248			<2447.2169	<475.048	D1		4	
☑	PCB-1254			<2447.2169	<633.3973	~~D1~~ D2		4	
☑	PCB-1260	B	11840.289171	2447.2169	561.4203	D2	2.88	4	

Units: ug/kg

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

9/21/17

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:15:14

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202704** ACF DF50 -134W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.42 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0016.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 92% (61-152) Conc.: 26.92728
%SSR(DCB) : 110% (48-164) Conc.: 28.70698

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**4**	**21.55**	
3.23	3.25	3.27	6732.983	49.143019			1
3.45	3.48	3.49	5750.284	41.003251			2
3.78	3.80	3.82	7880.347	41.023976			5
3.91	3.93	3.95	7448.458	63.214343			6
Height Summation:			**27812.072**				
Amount Avg CF:			**48.596147**	Linear:			
Aroclor-1221					**1**		
3.23	3.25	3.27	6732.983	38.096877			3
Height Summation:			**6732.983**				
Amount Avg CF:			**38.096877**	Linear:			
Aroclor-1232					**5**	**61.14**	
3.23	3.25	3.27	6732.983	41.888611			1
3.45	3.48	3.49	5750.284	85.672927			2
3.74	3.74	3.78	2502.258	33.167036			4
3.78	3.80	3.82	7880.347	83.701256			5
3.91	3.93	3.95	7448.458	157.15876			6
Height Summation:			**30314.33**				
Amount Avg CF:			**80.317718**	Linear:			
Aroclor-1242					**5**	**45.13**	
3.23	3.25	3.27	6732.983	36.702394			1
3.45	3.48	3.49	5750.284	31.180153			2
3.74	3.74	3.78	2502.258	10.330412			4
3.78	3.80	3.82	7880.347	29.657861			5
3.91	3.93	3.95	7448.458	49.665783			6
Height Summation:			**30314.33**				
Amount Avg CF:			**31.507321**	Linear:			
Aroclor-1248					**6**	**179.36**	
3.78	3.80	3.82	7880.347	83.219877			1
3.84	3.86	3.88	9528.066	94.586955			2
3.91	3.93	3.95	7448.458	44.407592			3
4.03	4.06	4.07	3130.449	16.528586			4
4.12	4.14	4.16	23375.77	142.555568			5
4.30	4.31	4.34	229521.9	1310.42743			6
Height Summation:			**280884.99**				
Amount Avg CF:			**281.954335**	Linear:			
Aroclor-1254					**6**	**126.50**	
4.29	4.31	4.32	229521.9	1215.300987			1
4.63	4.67	4.67	507639.5	2534.48271			2
4.69	4.72	4.73	522452.5	1232.974489			3
4.91	4.93	4.95	248487.8	959.321725			4
5.11	5.13	5.15	1035828	6989.082684			5
5.23	5.25	5.27	3314132	17022.407084			6
Height Summation:			**5858061.7**				
Amount Avg CF:			**4992.261613**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0016.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 92% (61-152) Conc.: 26.83224
%SSR(DCB) : 115% (48-164) Conc.: 29.92978

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**5**	**143.55**	
3.12	3.15	3.16	6280.793	35.234247			2
3.25	3.27	3.29	4191.483	23.788773			3
* 3.40	3.44	3.44	1927.869	10.208977			4
+* 3.44	3.44	3.48	1927.869	10.869477			5
3.44	3.47	3.48	6342.334	35.758578			5
3.57	3.59	3.61	37737.35	258.312738			6
Height Summation:			**56479.829**				
Amount Avg CF:			**72.660662**	Linear:			
Aroclor-1221					**2**	**26.67**	
2.80	2.82	2.84	7305.83	95.696228			1
2.86	2.87	2.90	3128.548	65.331022			2
Height Summation:			**10434.378**				
Amount Avg CF:			**80.513625**	Linear:			
Aroclor-1232					**5**	**152.44**	
3.12	3.15	3.16	6280.793	69.786491			2
3.25	3.27	3.29	4191.483	48.151035			3
* 3.40	3.44	3.44	1927.869	22.184093			4
+* 3.44	3.44	3.48	1927.869	21.7845			5
3.44	3.47	3.48	6342.334	71.666995			5
3.57	3.59	3.61	37737.35	614.39152			6
Height Summation:			**56479.829**				
Amount Avg CF:			**165.236027**	Linear:			
Aroclor-1242					**5**	**138.99**	
3.12	3.15	3.16	6280.793	39.901897			2
3.25	3.27	3.29	4191.483	18.199571			3
* 3.40	3.44	3.44	1927.869	7.030859			4
+* 3.44	3.44	3.48	1927.869	7.853014			5
3.44	3.47	3.48	6342.334	25.834969			5
3.57	3.59	3.61	37737.35	204.350063			6
Height Summation:			**56479.829**				
Amount Avg CF:			**59.063472**	Linear:			
Aroclor-1248					**6**	**159.66**	
+ 3.44	3.44	3.48	1927.869	23.732217			1
3.44	3.47	3.48	6342.334	78.074624			1
3.51	3.53	3.55	9503.267	85.337645			2
3.55	3.57	3.59	8436.037	43.991799			3
3.67	3.69	3.71	5875.503	25.483179			4
3.76	3.77	3.80	20591.25	129.156605			5
3.90	3.92	3.94	264430.3	871.929525			6
Height Summation:			**315178.691**				
Amount Avg CF:			**205.66223**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202704** ACF DF50 -134W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.42 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0016.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					6	17.09	
4.82	4.84	4.86	3047093	10046.029855			1
5.02	5.04	5.06	2859762	9605.221181			2
5.23	5.25	5.27	3314132	11731.003455			3
5.45	5.47	5.49	2311171	14127.147159			4
5.69	5.71	5.73	5844612	14588.285971			5
5.89	5.91	5.93	3412038	13022.84725			6
Height Summation:			**20788808**				
Amount Avg CF:			**12186.755812**	Linear:			
Aroclor-1262					6	30.97	
5.29	5.31	5.33	1923217	7923.671325			1
E 5.45	5.47	5.49	2311171	10711.149076			2
E 5.69	5.71	5.73	5844612	12344.795932			3
E 5.89	5.91	5.93	3412038	10558.887201			4
5.95	5.97	5.99	712454.9	4381.819037			5
6.31	6.34	6.35	1228243	8424.482115			6
Height Summation:			**15431735.9**				
Amount Avg CF:			**9057.467448**	Linear:			
Aroclor-1268					6	97.59	
5.89	5.91	5.93	3412038	5886.026916			1
5.95	5.97	5.99	712454.9	1421.309651			2
6.08	6.10	6.12	54511.68	113.317816			3
+ 6.14	6.15	6.18	70045.95	554.597755			4
6.14	6.18	6.18	586200.6	4641.318119			4
6.31	6.34	6.35	1228243	8285.451061			5
6.51	6.54	6.55	252607	258.897518			6
Height Summation:			**6246055.18**				
Amount Avg CF:			**3434.386847**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0016.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	122.72	
4.20	4.22	4.24	45928.18	190.964326			1
+ 4.26	4.26	4.30	388211.6	912.897465			2
+ 4.26	4.28	4.30	92388.02	217.254686			2
4.26	4.29	4.30	1116299	2625.028535			2
4.35	4.37	4.39	3351886	16780.49992			3
4.42	4.44	4.46	34506.23	131.370155			4
4.64	4.67	4.68	440020	2379.472939			5
4.72	4.74	4.76	4008428	13680.844408			6
Height Summation:			**8997067.41**				
Amount Avg CF:			**5964.696714**	Linear:			
Aroclor-1260					6	19.57	
4.35	4.37	4.39	3351886	10792.07482			1
4.49	4.51	4.53	3489912	9795.305251			2
4.60	4.61	4.64	2750987	9549.104774			3
4.72	4.74	4.76	4008428	11530.145806			4
5.14	5.16	5.18	6617897	14744.200182			5
5.40	5.42	5.44	3888924	14630.904193			6
Height Summation:			**24108034**				
Amount Avg CF:			**11840.289171**	Linear:			
Aroclor-1262					6	25.33	
4.76	4.77	4.80	2383162	7010.848712			1
4.95	4.96	4.99	2974045	9401.851458			2
E 5.14	5.16	5.18	6617897	11338.57824			3
5.36	5.37	5.40	1191671	5645.108194			4
E 5.40	5.42	5.44	3888924	10921.351307			5
5.78	5.80	5.82	1268424	8323.050308			6
Height Summation:			**18324123**				
Amount Avg CF:			**8773.464703**	Linear:			
Aroclor-1268					6	122.59	
5.36	5.37	5.40	1191671	1970.310147			1
5.40	5.42	5.44	3888924	6706.247275			2
5.56	5.57	5.60	58649.45	120.971702			3
5.62	5.64	5.66	30119.78	255.208379			4
5.78	5.80	5.82	1268424	7631.706947			5
5.98	6.00	6.02	247151.7	216.076969			6
Height Summation:			**6684939.93**				
Amount Avg CF:			**2816.75357**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			2447.2169	475.048		39.69	4	40	
Aroclor-1221			2447.2169	734.1651		** 71.52	3	40	
Aroclor-1232			2447.2169	590.2111		** 69.16	4	40	
Aroclor-1242			2447.2169	590.2111		** 60.85	4	40	
Aroclor-1248			2447.2169	475.048		31.29	4	40	
Aroclor-1254			2447.2169	633.3973		17.75	4	40	
Aroclor-1260			2447.2169	561.4203		2.88	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: 9202704 ACF DF50 -134W Sample ID: AC **Batchnumber: 172560044A**
Sample Amount: 10.42 g Total Volume: 500 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0016.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 20:59:24
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0016.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-1262			2447.2169	475.048	E	3.19	4	40	
Aroclor-1268			2447.2169	475.048		19.76	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:59:24 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: 07pcbs17250009.0016.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.64		68973	83763
1.704		8643	7535
1.747		36653	36684
1.795		2784	2312
2.047		1833	1616
2.112		16667	24402
2.146		17752	29611
2.201		9099	6596
2.27		128125	93702
2.39		8518	10887
2.438		8291	8950
2.55		9943	10170
2.574		9700	10893
2.606		2563	2112
2.668		6156	4809
2.703		2026	859
2.721		48542	31668
2.758		5877	3912
2.823		2167	1108
2.847		5709	4751
2.874		2806	2321
2.931		3881	2505
2.999	TCX	212402	149736
3.097		4740	4553
3.179		5753	4228
3.254		6733	6271
3.304		35953	25474
3.405		3381	2826
3.48		5750	11976
3.55		5785	5607
3.657		7937	5167
3.74		2502	1522
3.804		7880	6952
3.859		9528	8358
3.896		1750	616
3.931		7448	6052
3.967		31238	24959
3.996		5294	5188
4.055		3130	1565
4.11		5141	2894
4.137		23376	23426
4.192		5763	4593
4.218		3794	2361
4.25		8248	6012
4.271		15114	9970
4.308		229522	203272
4.355		55076	45086
4.421		63892	51273
4.464		175197	180259
4.499		63699	51741
4.54		12959	8798
4.56		13342	9278
4.602		122787	117377

RT A	Compound A	Height A	Area A
4.672		507640	509166
4.717		522453	447447
4.765		1324826	1483426
4.803		235900	154747
4.842		3047093	2745480
4.884		25468	26113
4.928		248488	277715
4.964		23235	14000
4.99		688688	621104
5.043		2859762	3608319
5.094		681871	625562
5.133		1035820	875539
5.151		45711	25987
5.175		41524	24175
5.213		298024	371783
5.247		3314132	3024603
5.269		81522	40530
5.289		54323	24705
5.312		1923217	1734651
5.354		1220986	1153016
5.45		486542	391845
5.474		2311171	1877398
5.529		1215292	1133517
5.569		709781	660317
5.61		94646	97263
5.653		524989	497166
5.676		4892	2067
5.707		5844612	5712262
5.795		7082	6415
5.852		7741	6621
5.912		3412038	3165622
5.942		207109	137391
5.967		712455	778812
6.078		10580	7022
6.101		54512	49025
6.155		70046	57946
6.181		586201	564726
6.213		7025	5518
6.306		3971	2333
6.336		1228243	1227397
6.38		85028	74091
6.504		2601	1529
6.537		252607	249329
6.656		3369	3203
6.684	DCB	80752	76243
6.724		1634	1140
6.768		1673	921
6.853		3129	4044
6.955		1686	3292
6.987		1257	2650
7.033		1573	634
7.098		5925	12000
7.17		1393	643
7.247		7709	24599
7.279		2738	1237
7.381		8442	19576
7.481		967	991
7.537		3915	9744
7.701		9676	34031
7.79		2055	679
7.813		1050	792
7.864		1361	1415
8.069		1450	8581
8.193		1298	1184
8.218		1129	397
8.272		2147	2086

RT A	Compound A	Height A	Area A
8.298		1211	325
8.427		1369	793
8.482		2792	5382
8.493		1260	530
8.542		1822	1007
8.582		1580	531
8.639		1548	638

LANCASTER LABORATORIES

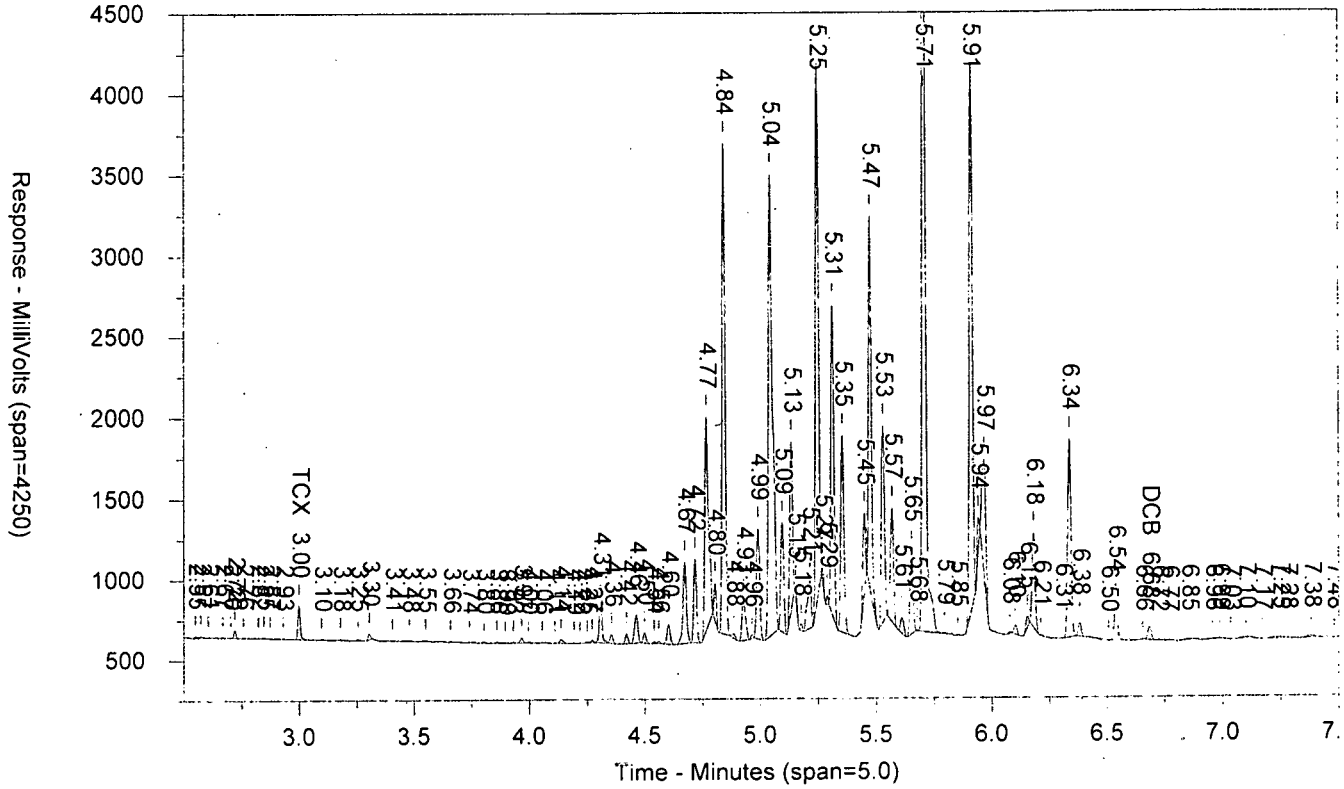
Sample Number: 9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:59:24 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0016.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.526		30662	27594
1.616		4335	3137
1.656		4729	3996
1.76		3477	4131
1.832		9978	7466
1.865		6473	4459
1.91		8693	8458
1.968		8248	8045
1.993		124482	85871
2.03		10392	14574
2.07		10121	11445
2.151		1780	1191
2.17		8000	5089
2.269		15576	16276
2.345		6025	5171
2.365		5500	2938
2.401		48458	32692
2.461		7930	5854
2.555		6858	5458
2.629		1970	1137
2.652	TCX	217311	136968
2.736		7852	9299
2.821		7306	5323
2.869		3129	2352
2.909		6538	4915
2.959		57946	41229
2.992		4300	3849
3.074		4592	5531
3.154		6281	8539
3.213		1885	1721
3.236		4777	3204
3.268		4191	5328
3.304		8081	9613
3.36		5789	5892
3.394		3021	2449
3.443		1928	978
3.466		6342	6763
3.532		9503	6893
3.566		8436	5096
3.59		37737	21936
3.623		5089	3027
3.693		5876	4793
3.715		3452	2096
3.738		6513	5331
3.766		20591	11912
3.821		8807	6368
3.866		24024	20547
3.916		264430	188296
3.942		3414	1489
3.961		50090	28386
3.981		71926	45130
4.017		178579	125483
4.049		60548	35707
4.066		35137	19882

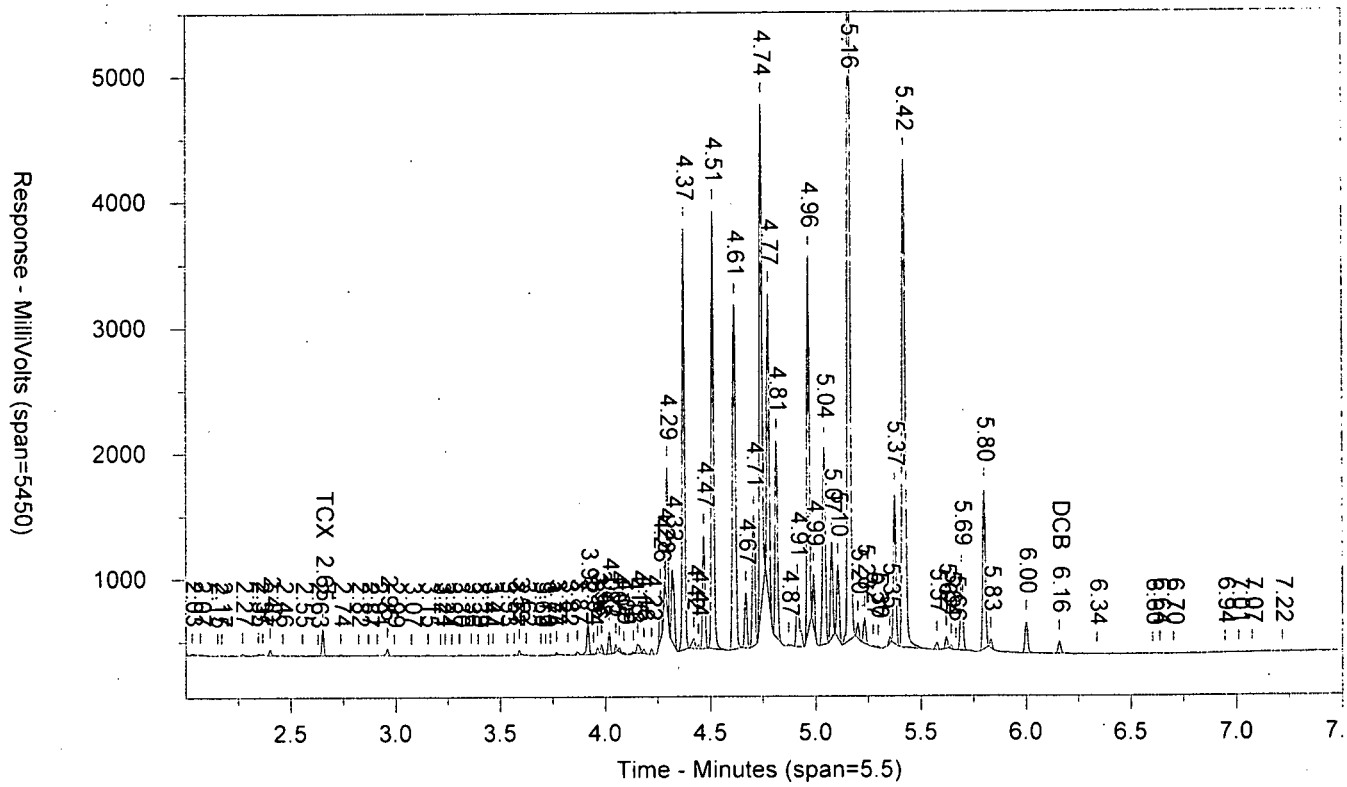
4.088		14581	8287
4.133		14395	13278
4.153		74301	76450
4.183		36803	24680
4.22		45928	31431
4.262		388212	244073
4.282		92388	55335
4.294		1116299	658210
4.319		579877	543074
4.372		3351887	2494191
4.42		80308	80258
4.442		34506	18605
4.468		902941	693559
4.51		3489912	2713427
4.614		2750987	2788243
4.667		440020	361990
4.706		1038098	891808
4.742		4008429	3296352
4.775		2383162	1750227
4.813		1570745	1244542
4.871		9772	5836
4.913		486482	505605
4.965		2974045	2255365
4.989		413526	260546
5.039		1575927	1398119
5.075		765162	591830
5.105		582234	462403
5.159		6617897	5830713
5.2		127630	87077
5.232		204007	162091
5.272		8299	6848
5.296		11192	7190
5.351		52359	30755
5.374		1191671	947552
5.418		3888924	4250644
5.574		58649	48453
5.619		92495	71180
5.642		30120	19140
5.665		4651	2140
5.692		609597	536050
5.8		1268424	1086016
5.831		67858	48784
5.999		247152	231137
6.159	DCB	99364	85987
6.336		2982	3810
6.605		1832	1841
6.639		6404	8284
6.702		1747	1824
6.944		1435	2186
7.01		2154	2963
7.072		1492	1348
7.216		1527	1385
8.193		6605	13034
8.297		8679	16629
8.515		16226	32597

9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0016.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0016.RAW



LANCASTER LABORATORIES

Sample Number: 9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:59:24 PM
Sample Weight: 10.42
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

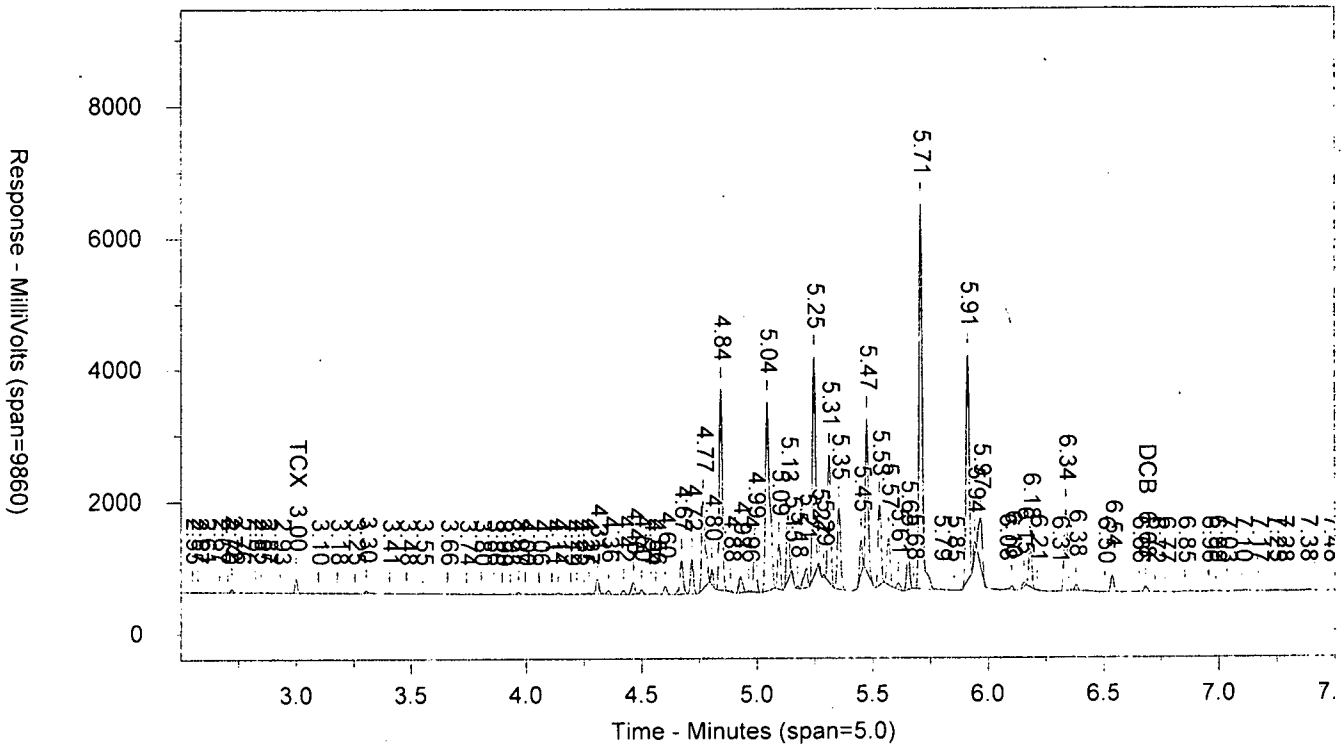
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	212402	26.927	TCX	2.652	217311	26.832	TCX
6.684	80752	28.707	DCB	6.159	99364	29.93	DCB

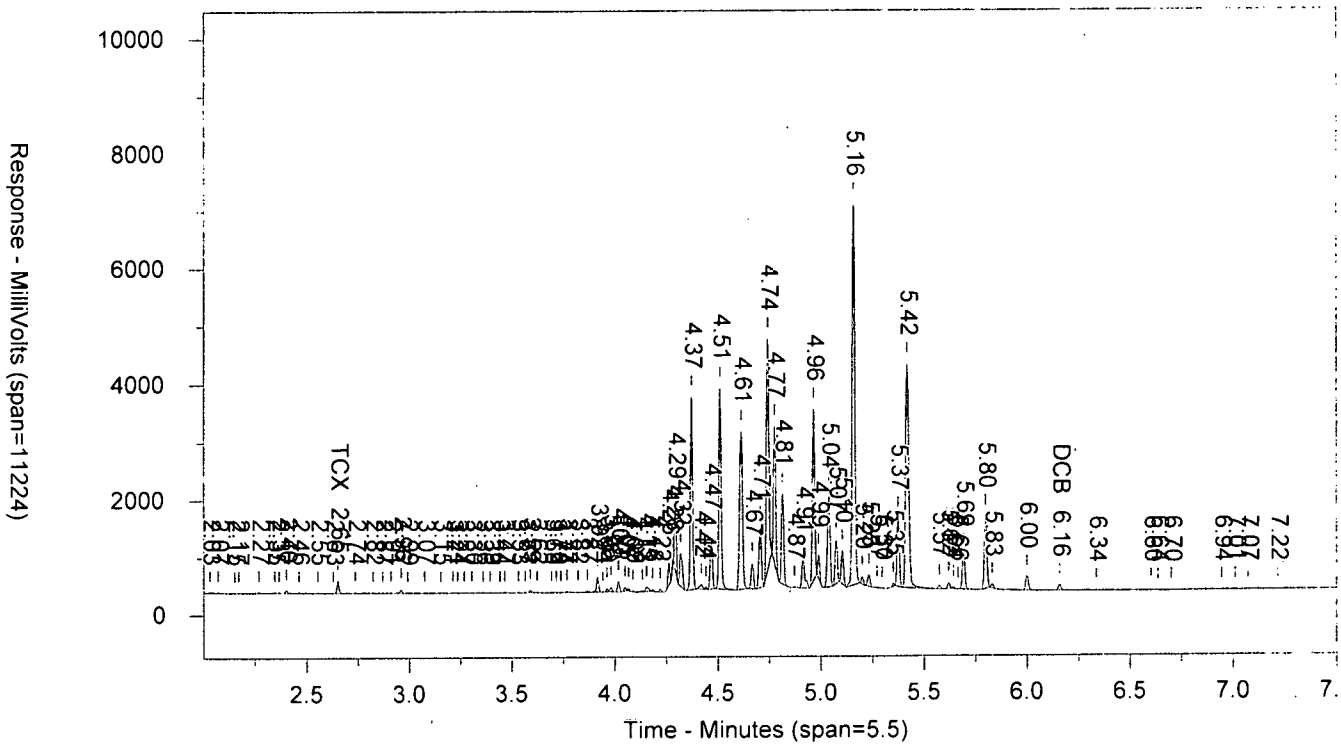
Files:
Area File: 07pcbs17250009.0016.RAW
Area File: 07pcbs17250009B.0016.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 9:08:08 PM
File Reported On: 9/18/2017 at 9:08:20 PM

9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0016.RAW

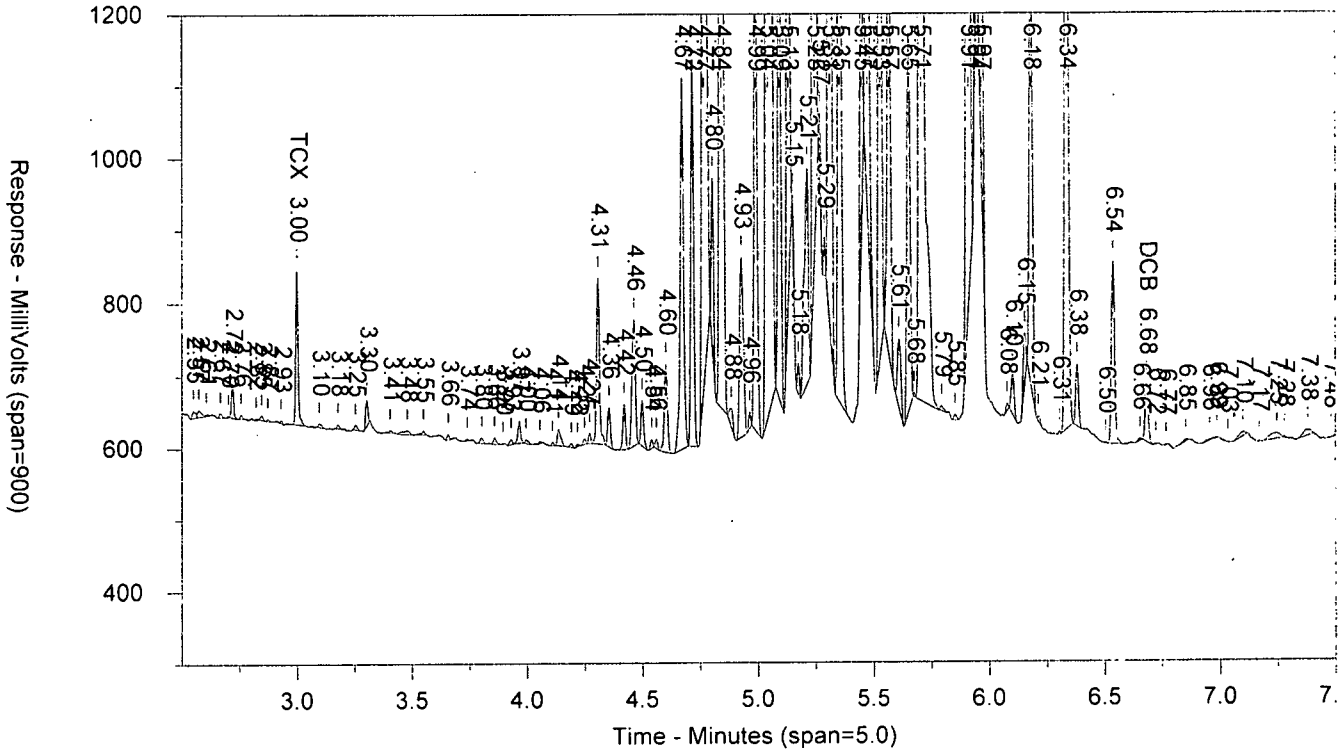


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0016.RAW

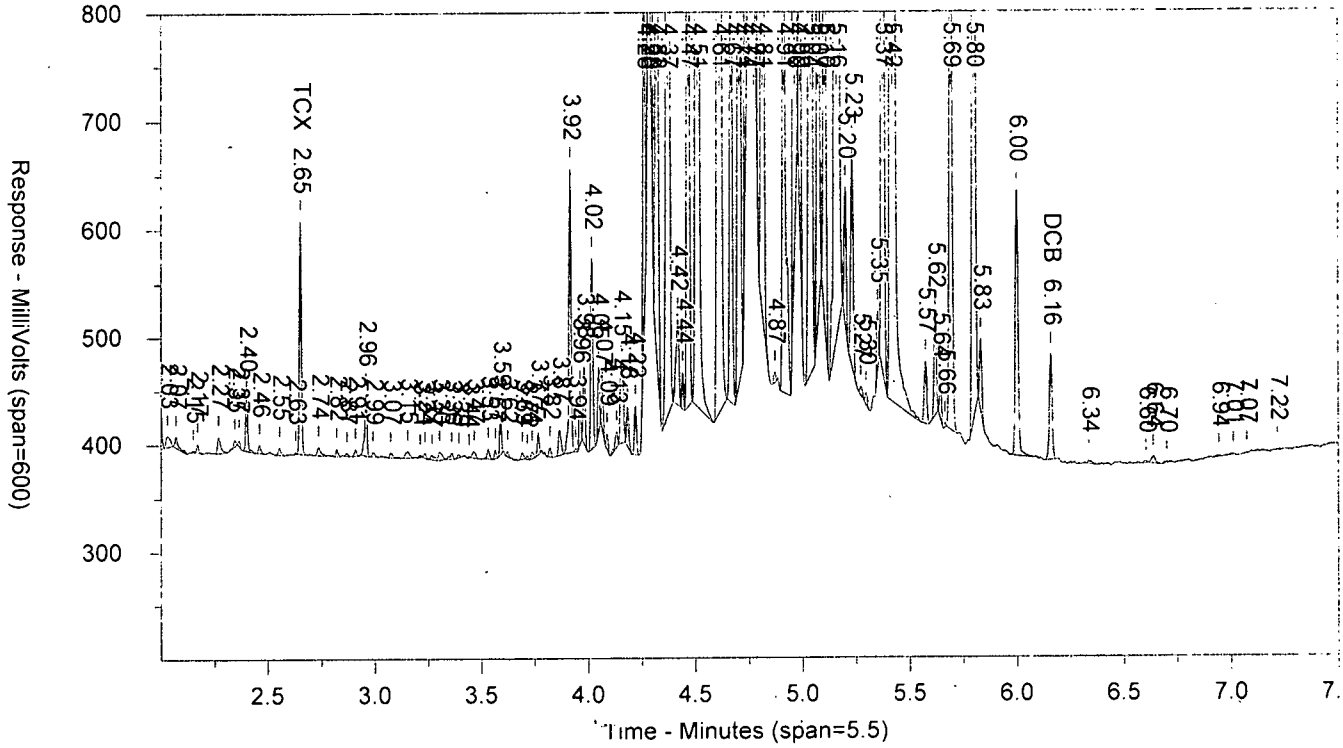


9202704 ACF DF50 AC-134W T 172560044A 10225 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0016.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0016.RAW



Standards Data

Polychlorinated Biphenyls (PCBs)

Eurofins Lancaster Laboratories

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

2301 9/1/17

Set-up by: 72855 Date: 7 Aug 17

9/7/2017

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250009.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 64

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	1726099999	
2 CONDITIONER	2	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	
3 CONDITIONER	3	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	
4 CONDITIONER	4	MISC	AA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	
5 AR1641724B	5	CCAL	AM	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	10736
6 IBLKX1724B	6	PIBLK	AY	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726099999	10736
7 9202613 ACF DF20	7	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.4	200	1	0	172550025A	10225
8 9202666 ACF	8	T	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	10	1	0	172560030A	10225
9 9202666 ACF DF5	9	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	50	1	0	172560030A	10225
10 9197316 CAF DF50	10	T	AF	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.34	500	1	0	172510040A	10225
11 BLANKA 9/14/17 ACF	11	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560044A	10225
12 LCSA 9/14/17 ACF	12	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560044A	10225
13 9202701 ACF DF50	13	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.16	500	1	0	172560044A	10225
14 9202702 ACF DF10	14	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.29	100	1	0	172560044A	10225
15 9202703 ACF DF10	15	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.19	100	1	0	172560044A	10225
16 9202704 ACF DF50	16	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.42	500	1	0	172560044A	10225
17 9202705 ACF DF100	17	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.5	1000	1	0	172560044A	10225
18 9202706 ACF DF50	18	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.19	500	1	0	172560044A	10225
19 9202707MS ACF DF50	19	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.19	500	1	0	172560044A	10225
20 9202708MSD ACF DF50	20	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.06	500	1	0	172560044A	10225
21 9202709 ACF DF50	21	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.27	500	1	0	172560044A	10225
22 9202710 ACF DF5	22	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.5	50	1	0	172560044A	10225
23 9202711 ACF DF20	23	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.27	200	1	0	172560044A	10225
24 9202712 ACF DF20	24	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.38	200	1	0	172560044A	10225
25 9202713 ACF DF50	25	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	500	1	0	172560044A	10225
26 9202714 ACF DF20	26	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.21	200	1	0	172560044A	10225
27 AR1641724B	27	CCAL	AN	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	10736
28 IBLKX1724B	28	PIBLK	AZ	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726099999	10736
29 9202715 ACF DF50	29	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.36	500	1	0	172560044A	10225
30 BLANKA 9/14/17 ACF	30	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560041A	10225
31 LCSA 9/14/17 ACF	31	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560041A	10225
32 9202691 ACF DF100	32	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.45	1000	1	0	172560041A	10225
33 9202692MS ACF DF100	33	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.31	1000	1	0	172560041A	10225
34 9202693MSD ACF DF100	34	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.11	1000	1	0	172560041A	10225
35 9202694 ACF DF100	35	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.37	1000	1	0	172560041A	10225
36 9202695 ACF DF200	36	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.36	2000	1	0	172560041A	10225
37 9202696 ACF DF50	37	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.34	500	1	0	172560041A	10225
38 9202697 ACF DF50	38	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.19	500	1	0	172560041A	10225
39 9202698 ACF DF50	39	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.41	500	1	0	172560041A	10225
40 9202699 ACF DF10	40	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.37	100	1	0	172560041A	10225
41 9202700 ACF DF50	41	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.11	500	1	0	172560041A	10225
42 BLANKA 9/14/17 ACF	42	BLK	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560040A	10225
43 LCSA 9/14/17 ACF	43	LCS	AB	DEPT-24\ACTIVE\CP7\07PCBS.MET	10	10	1	0	172560040A	10225
44 9202673 ACF DF50	44	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.5	500	1	0	172560040A	10225
45 9202674 ACF DF50	45	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.4	500	1	0	172560040A	10225
46 9202675 ACF DF50	46	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.27	500	1	0	172560040A	10225
47 9202676 ACF DF200	47	T	AD	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.31	2000	1	0	172560040A	10225
48 9202677 ACF DF50	48	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.08	500	1	0	172560040A	10225
49 AR1641724B	49	CCAL	AO	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	10736
50 IBLKX1724B	50	PIBLK	BA	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726099999	10736

Eurofins Lancaster Laboratories

CHROM PERFECT SEQUENCE FILE

Sequence File: \\Uslan-chromperfect\chromperfect-data\Dept-24\Active\CP7\07pcbs17250009.seq

Chromatography Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Method Directory: \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7

Number of Entries: 64

Samplename	VP	Code	ID	Method	Samp Amt	DF	Int Std	C	Batch Number	Analysis
51 9202678 ACF DF100	51	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	1000	1	0	172560040A	10225
52 9202680 ACF DF50	52	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	500	1	0	172560040A	10225
53 9202681MS ACF DF50	53	MS	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.13	500	1	0	172560040A	10225
54 9202682MSD ACF DF50	54	MSD	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.43	500	1	0	172560040A	10225
55 9202683 ACF DF50	55	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.42	500	1	0	172560040A	10225
56 9202684 ACF DF100	56	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.13	1000	1	0	172560040A	10225
57 9202685 ACF DF100	57	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.47	1000	1	0	172560040A	10225
58 9202686 ACF DF20	58	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.24	200	1	0	172560040A	10225
59 9202687 ACF DF50	59	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.25	500	1	0	172560040A	10225
60 9202688 ACF DF20	60	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.02	200	1	0	172560040A	10225
61 9202689 ACF DF100	61	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.12	1000	1	0	172560040A	10225
62 9202690 ACF DF50	62	T	AC	DEPT-24\ACTIVE\CP7\07PCBS.MET	10.02	500	1	0	172560040A	10225
63 AR1641724B	63	CCAL	AP	DEPT-24\ACTIVE\CP7\07PCBS.MET	1	1	1	0	1726099999	10736
64 IBLKX1724B	64	PIBLK	BB	DEPT-24\ACTIVE\CP7\07PCBS.MET	1000	10	1	0	1726099999	10736

DB 12669

9/18/17

Set-up by: 72555 Date: 18 Sept 17

9/18/2017

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

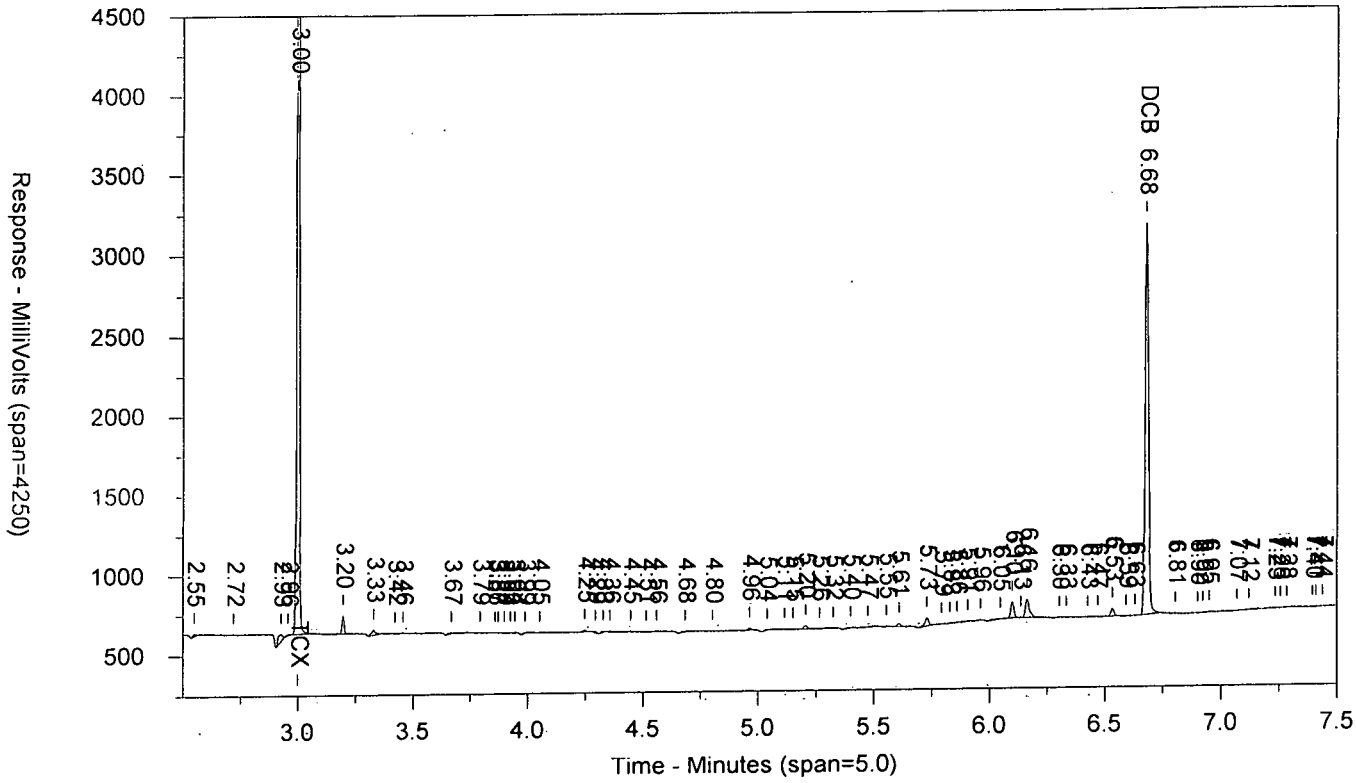
LANCASTER LABORATORIES

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

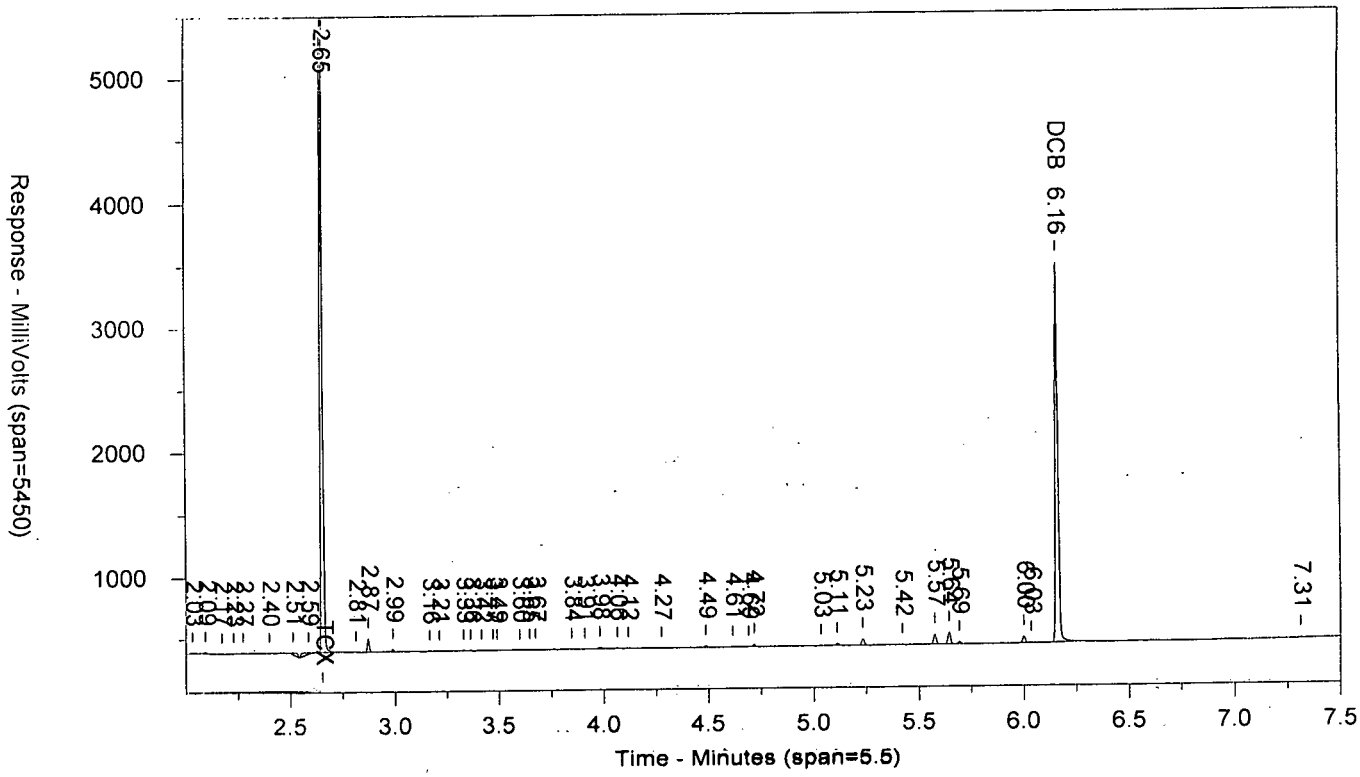
RT B	Compound B	Height B	Area A
1.588		3986	3576
1.761		2768	6603
1.834		7399	9470
1.967		39234	33712
2.03		8464	13641
2.093		14142	9804
2.171		3692	8834
2.227		2100	4363
2.272		6427	8350
2.398		3149	2431
2.51		15641	43894
2.585		14200	62918
2.653	TCX	7909439	4766540
2.813		5053	5796
2.871		113272	71089
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



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0005.RAW



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

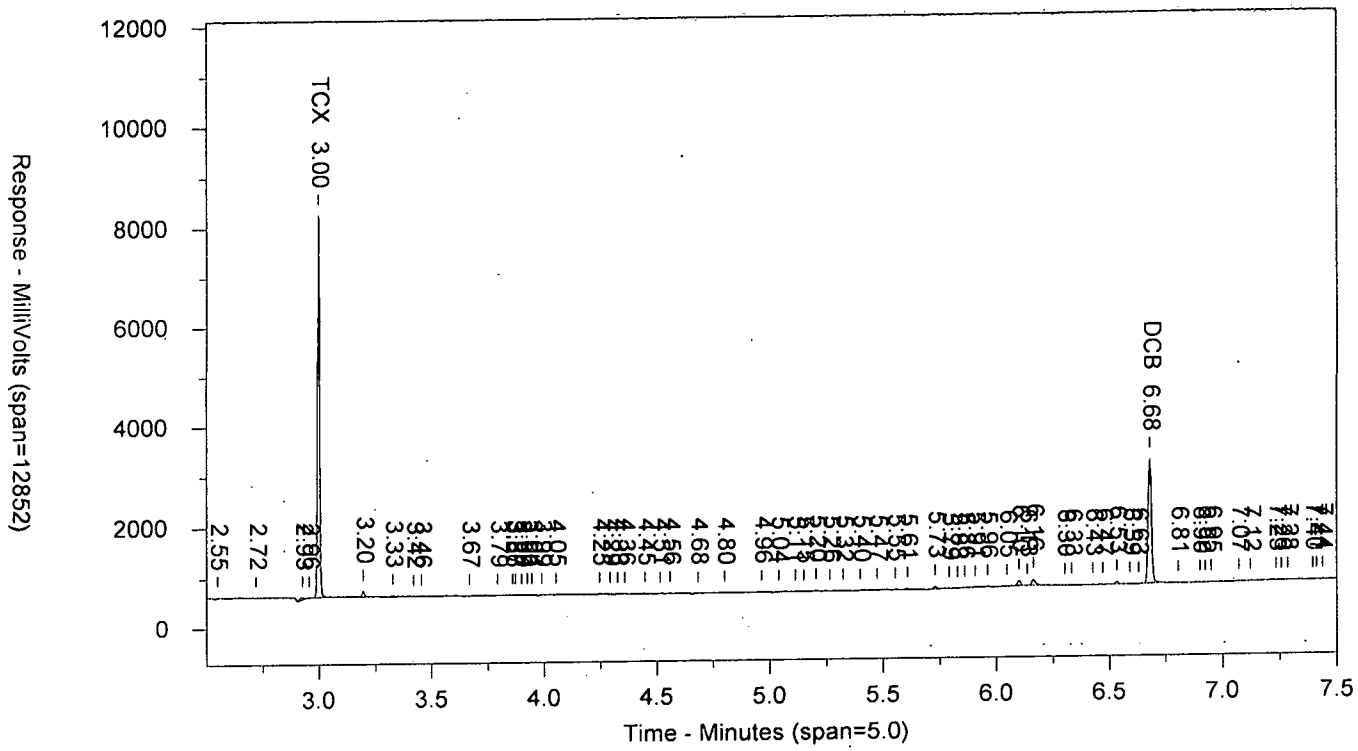
Analyst: 2855

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

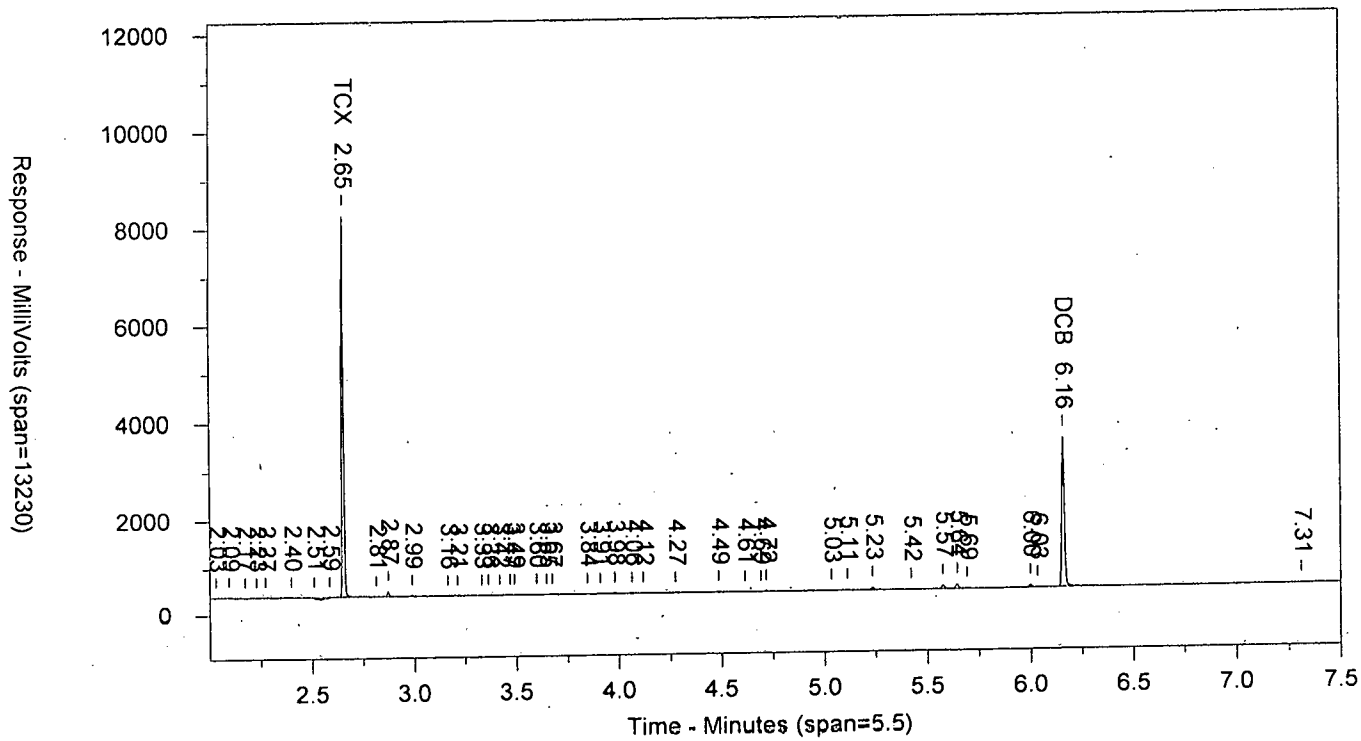
Files:
Area File: 07pcbs17250001.0005.RAW
Area File: 07pcbs17250001B.0005.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:19:53 PM
File Reported On: 9/7/2017 at 11:20:04 PM

IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0005.RAW

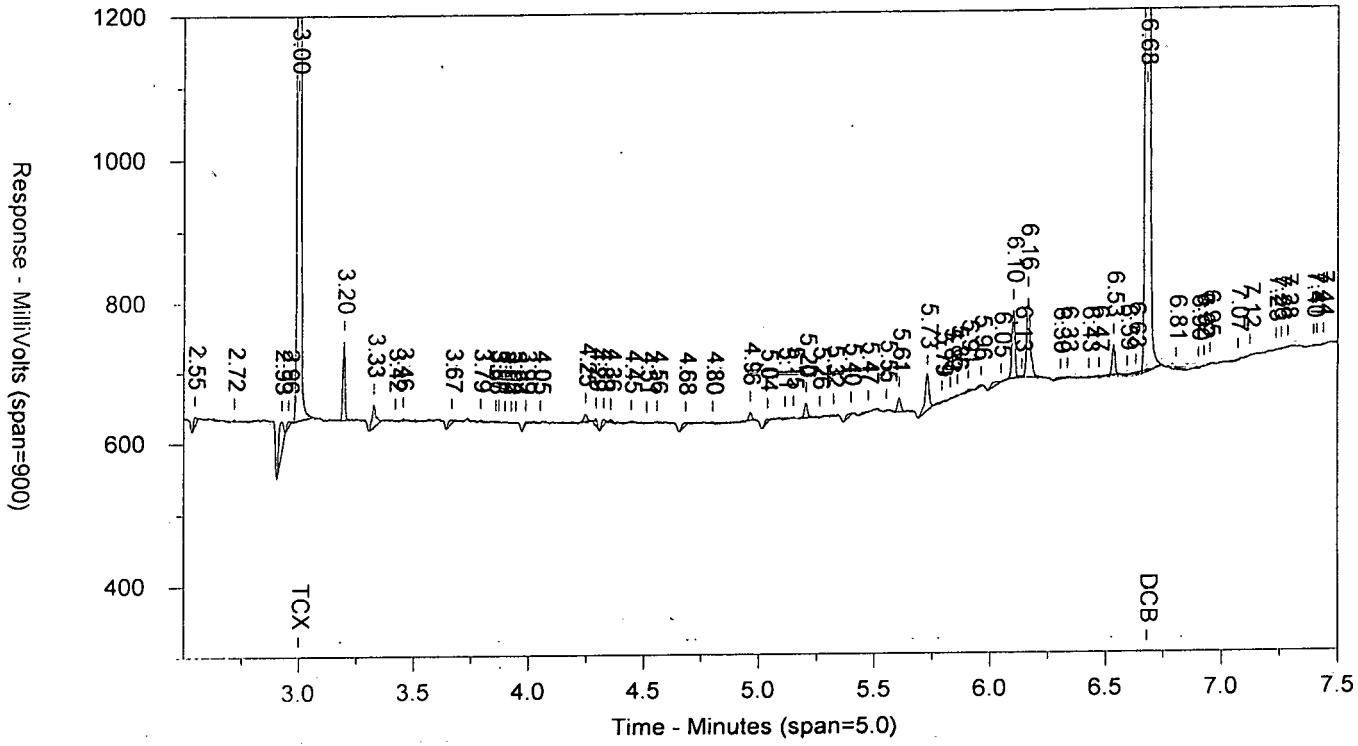


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0005.RAW

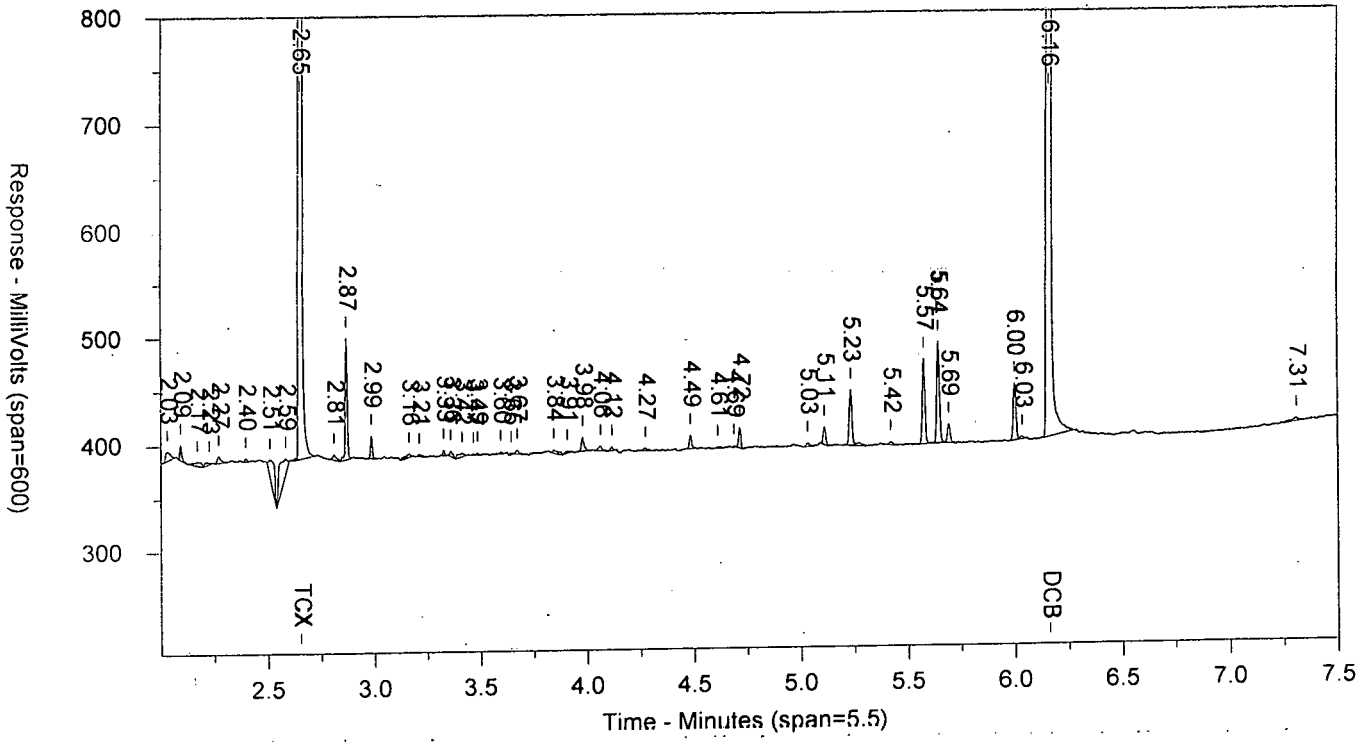


IBLKX1724A AAPIBLKAA PIBLK1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0005.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0005.RAW



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

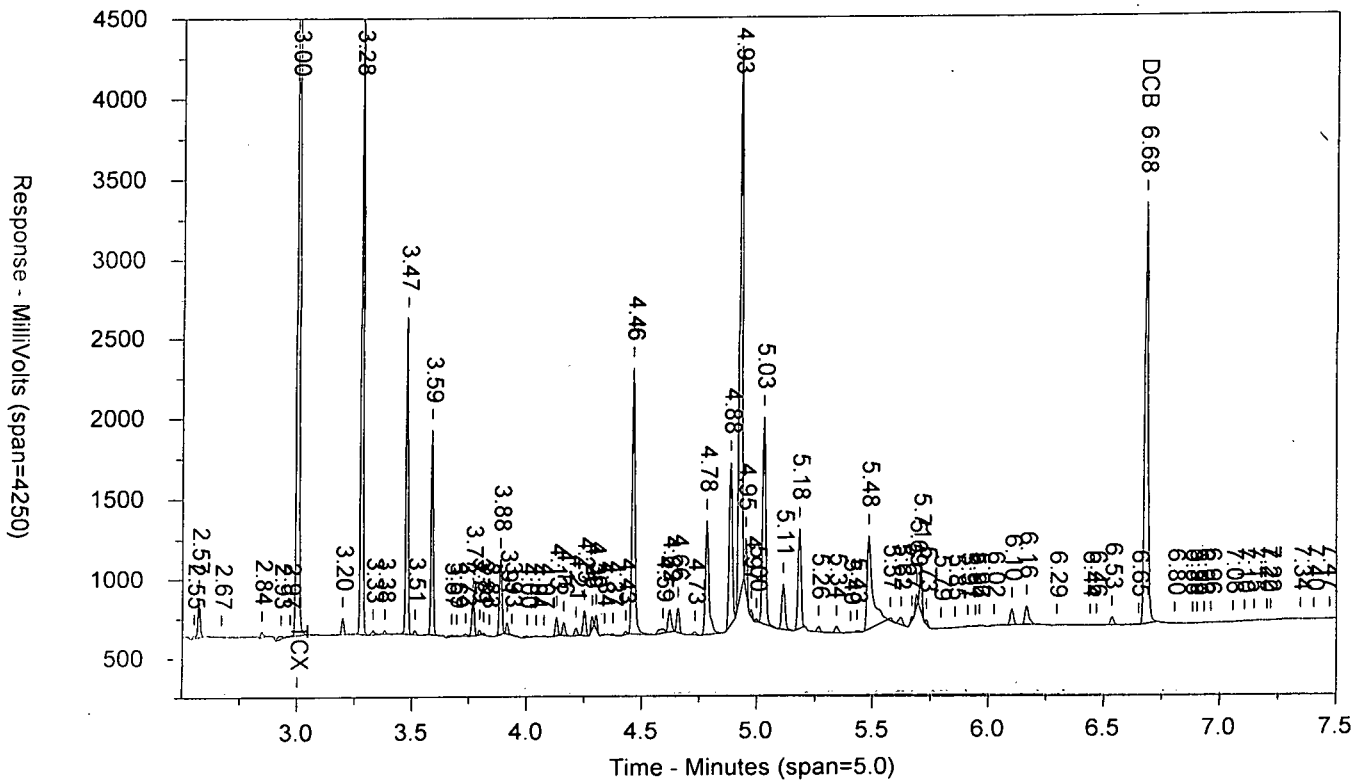
Sample Number: EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:22:37 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

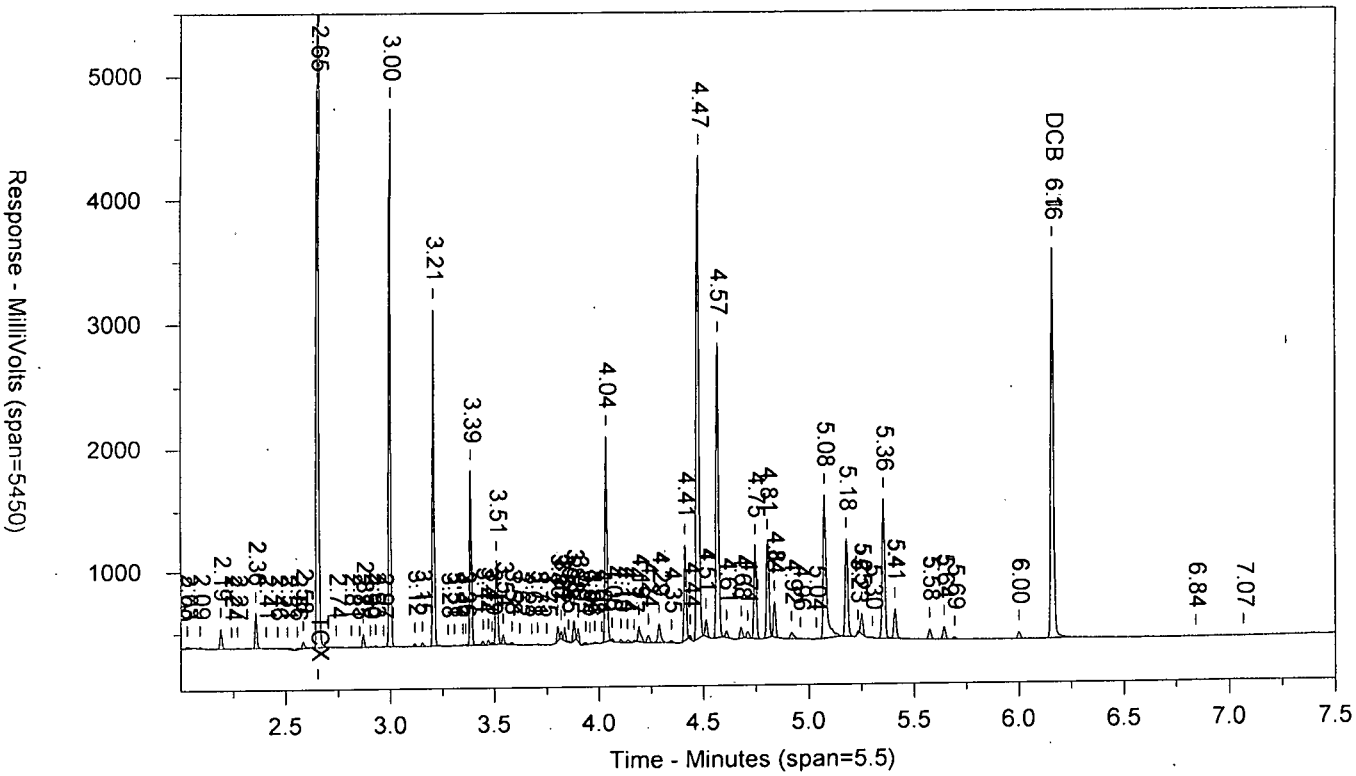
3.956		2838	1751
3.98		13415	14592
4.014		4280	1783
4.035		1681310	1177317
4.063		20518	12698
4.104		23857	20243
4.138		20518	21199
4.169		13618	7446
4.192		125650	113126
4.236		60364	51803
4.288		154413	141926
4.347		17445	16594
4.413		792537	566525
4.436		31909	16347
4.472		3931097	3344958
4.512		137039	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0006.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0006.RAW



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

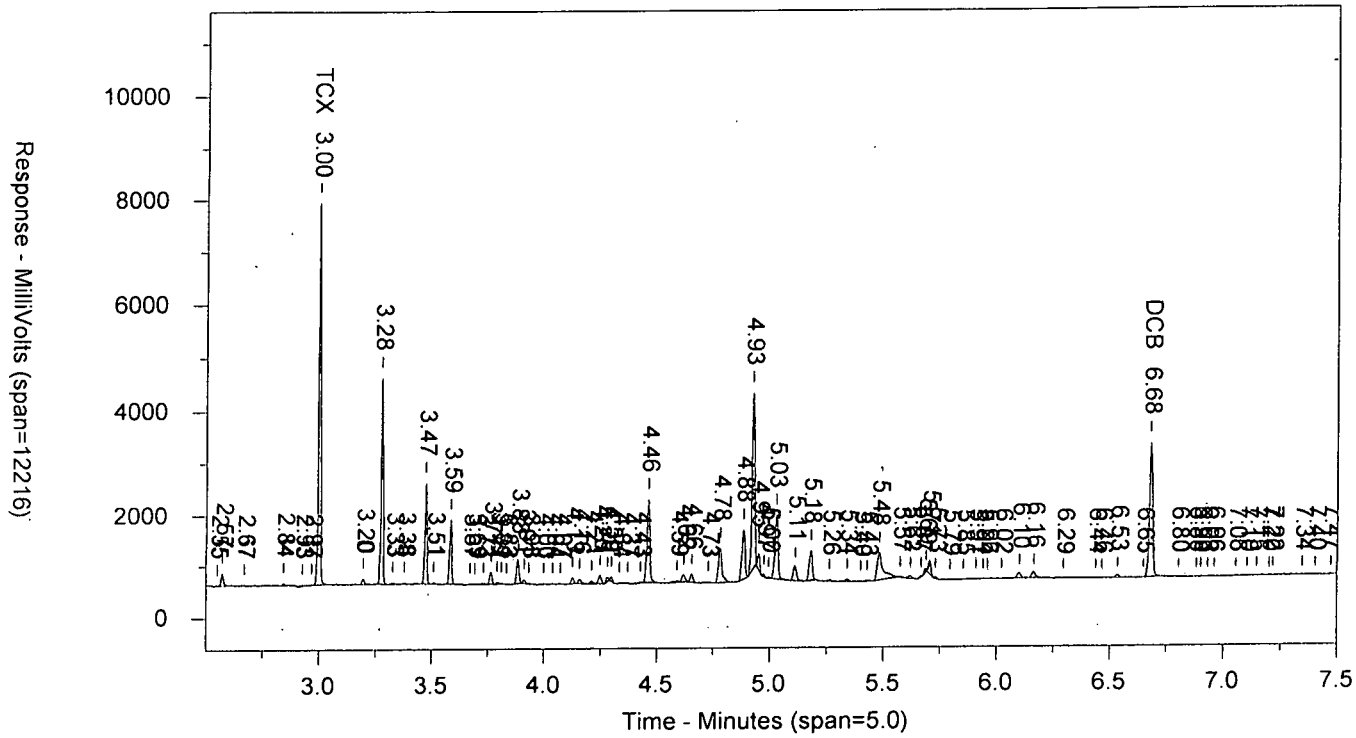
Analyst: 2855

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

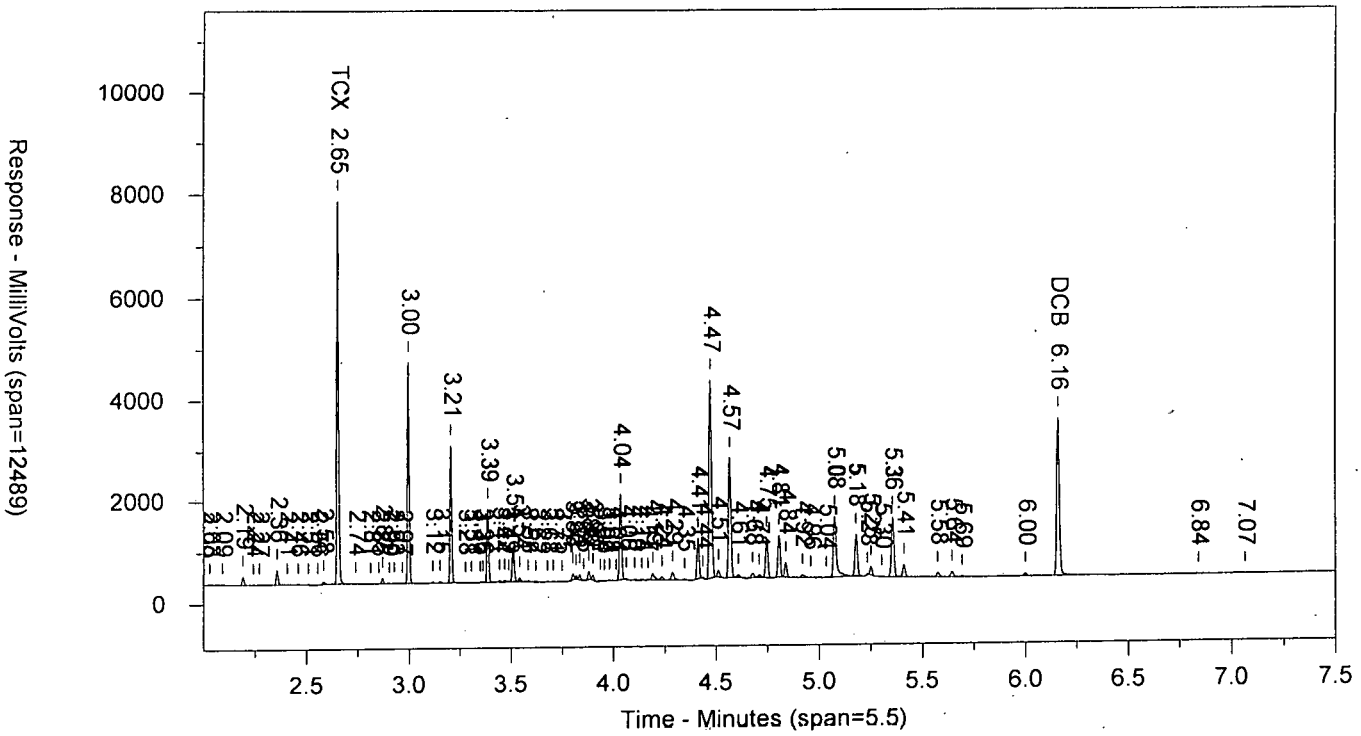
Files:
Area File: 07pcbs17250001.0006.RAW
Area File: 07pcbs17250001B.0006.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:31:22 PM
File Reported On: 9/7/2017 at 11:31:34 PM

EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0006.RAW

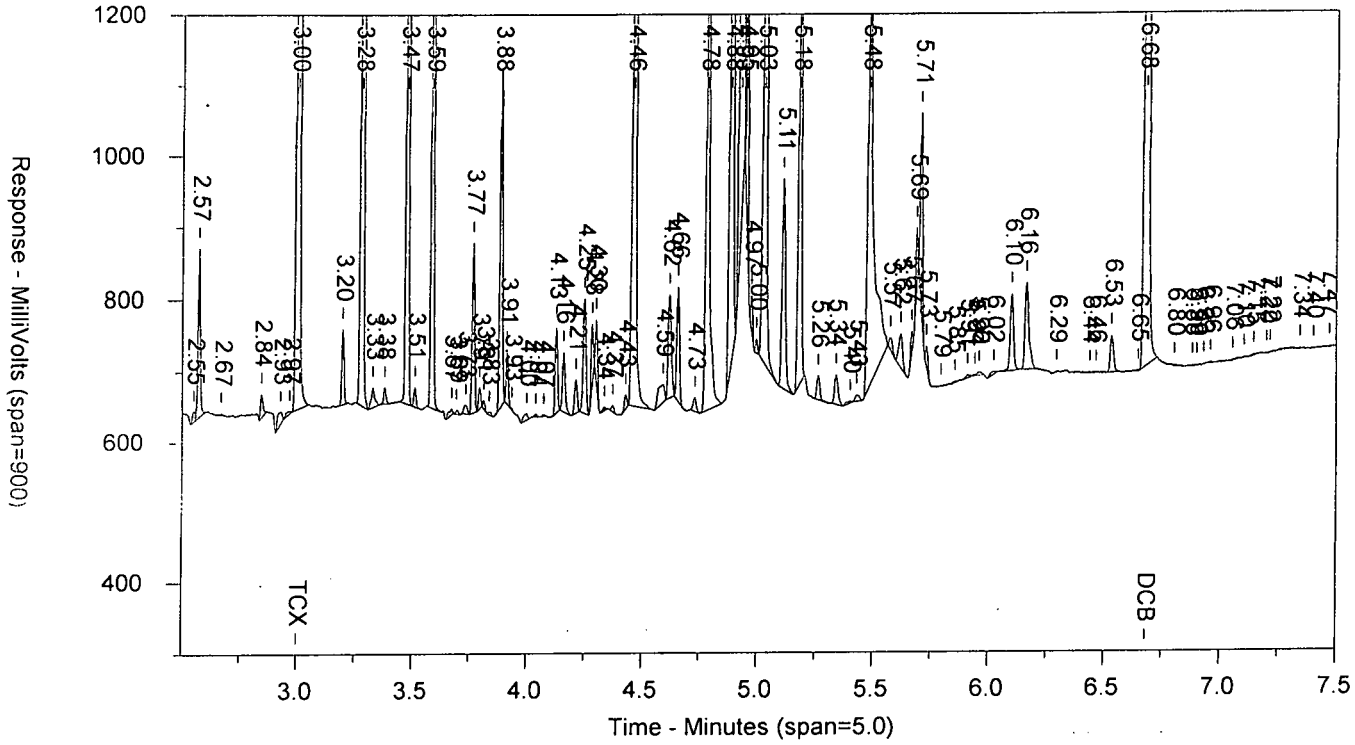


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0006.RAW

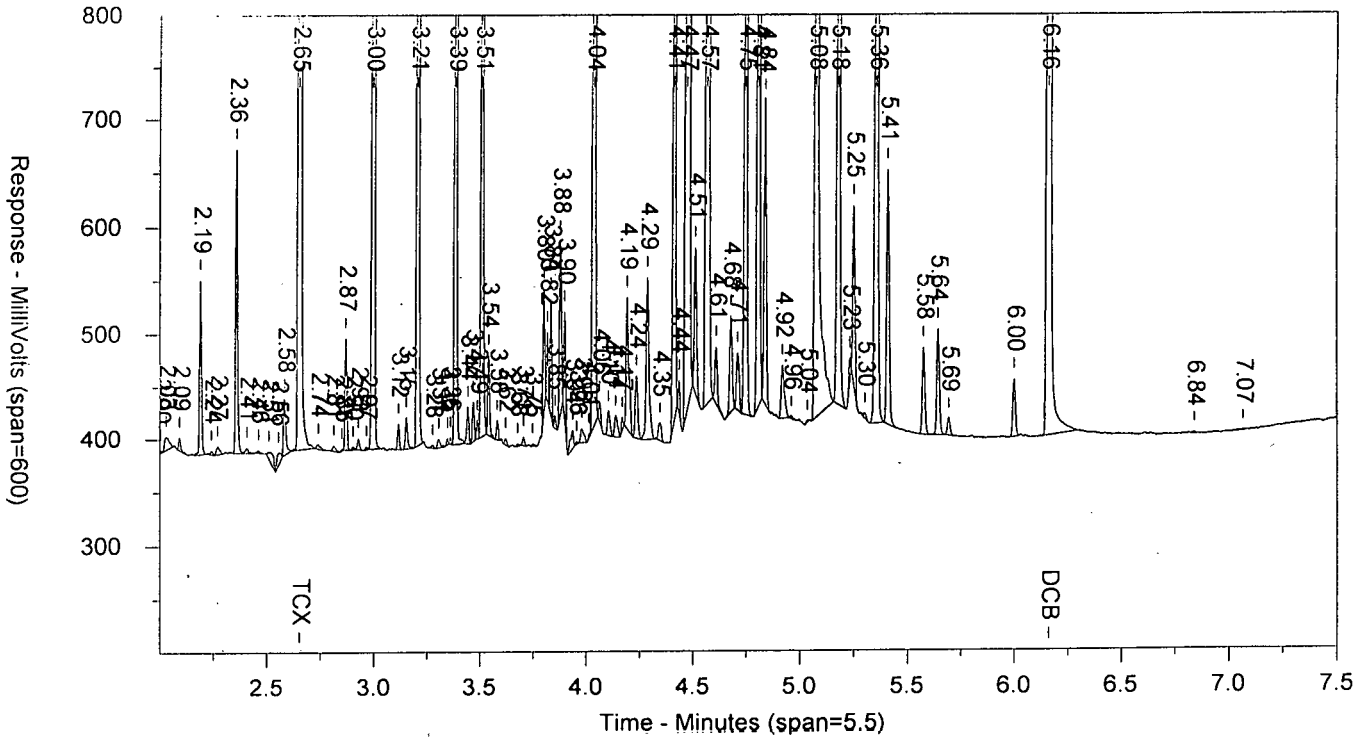


EVALX1724A AAEVALXAA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0006.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0006.RAW



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

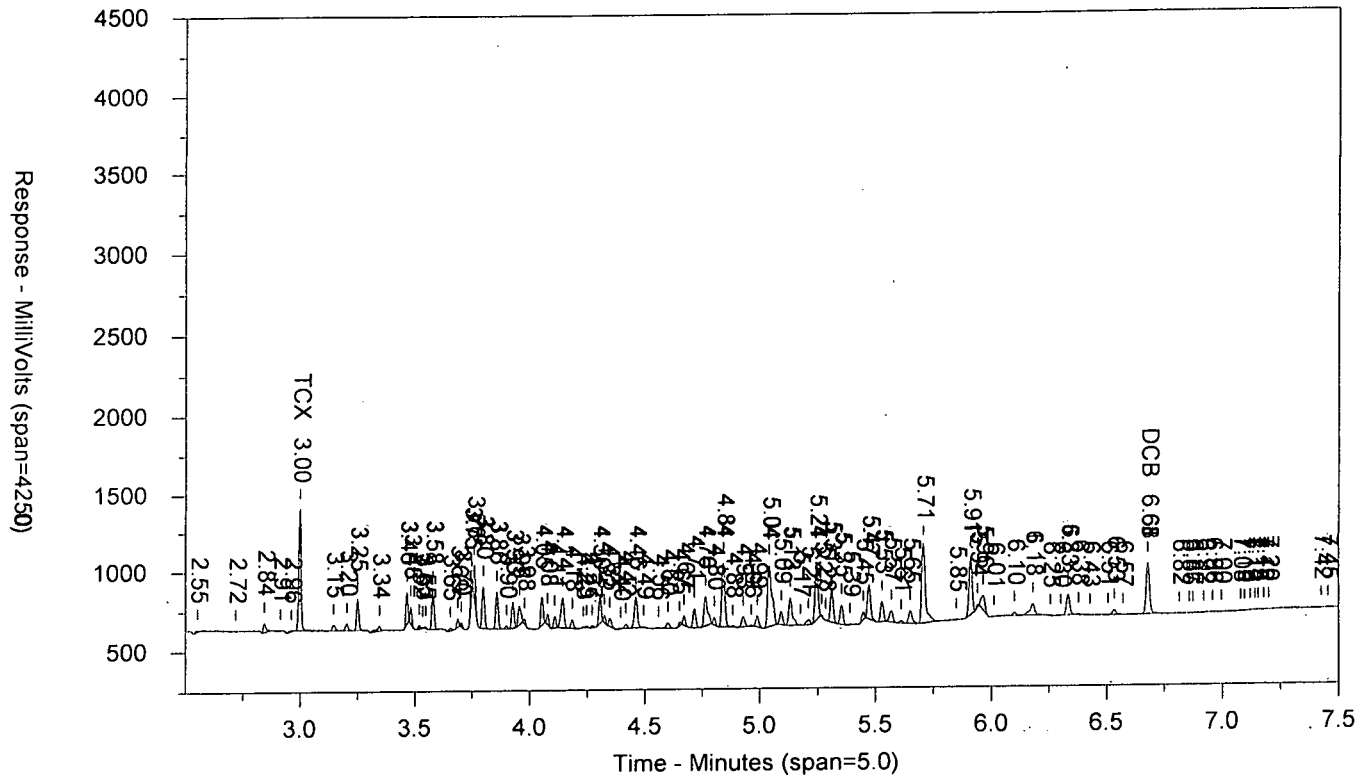
Sample Number: AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:33:59 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

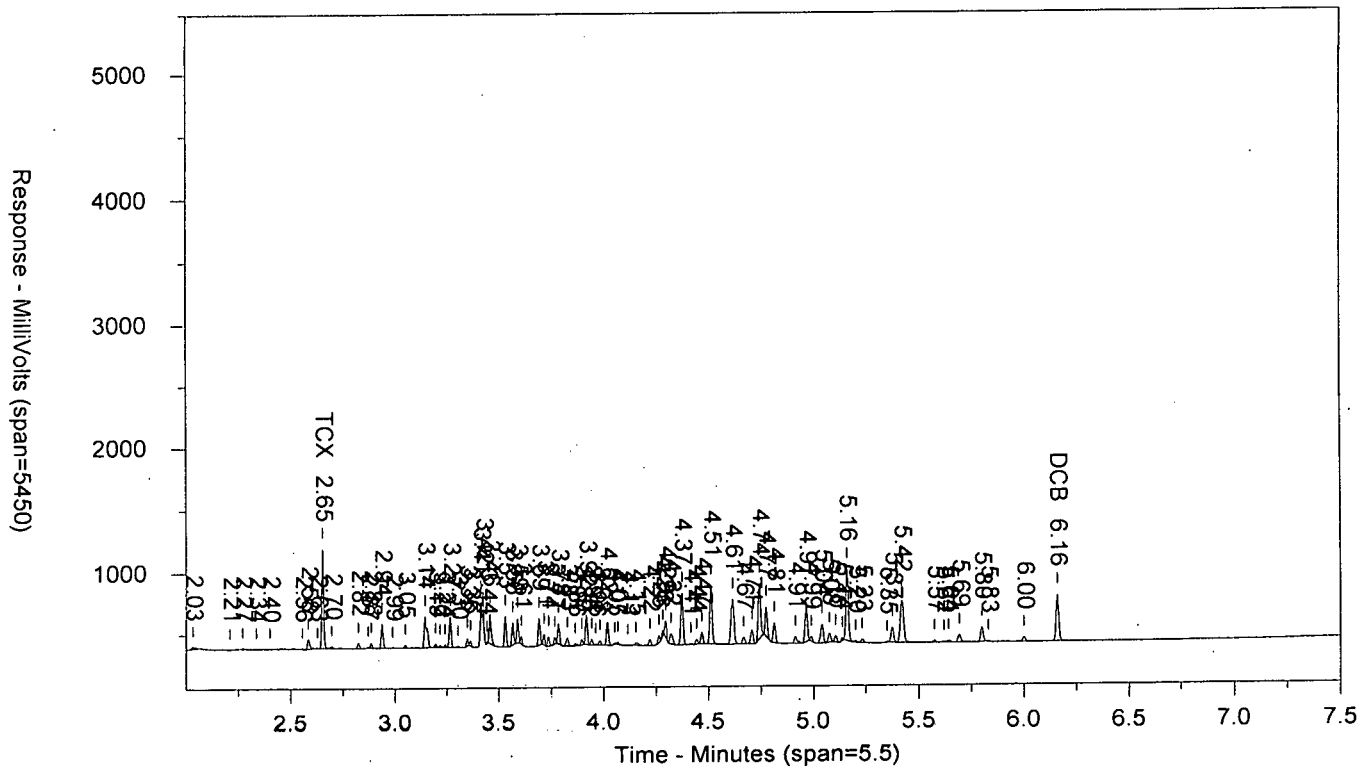
4.219		49698	32503
4.262		58979	35374
4.281		43985	22511
4.294		132700	77451
4.319		83044	79684
4.372		415911	315959
4.414		10213	9138
4.442		39145	25583
4.467		95056	68096
4.51		467912	364992
4.614		361109	367527
4.667		53623	42722
4.706		111546	92678
4.742		440426	366676
4.774		236370	167065
4.814		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0007.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0007.RAW



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

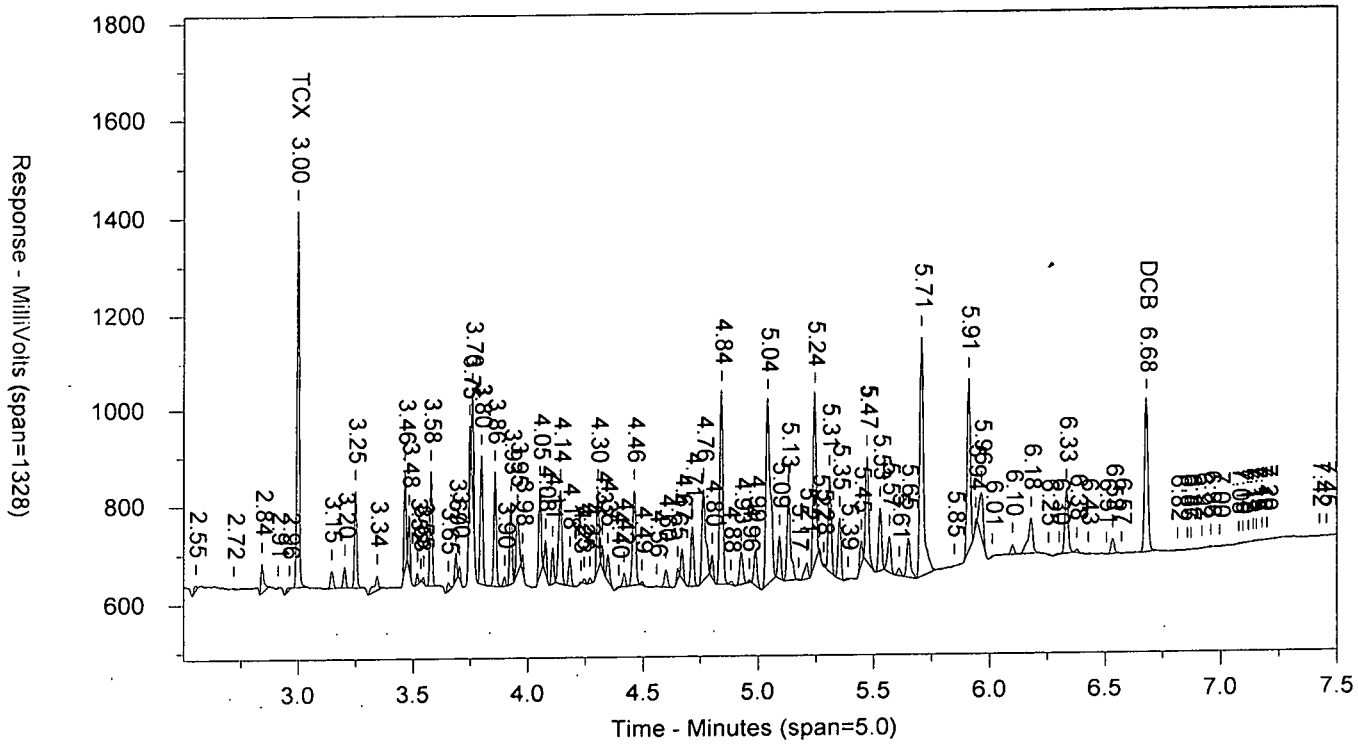
Analyst: 2855

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

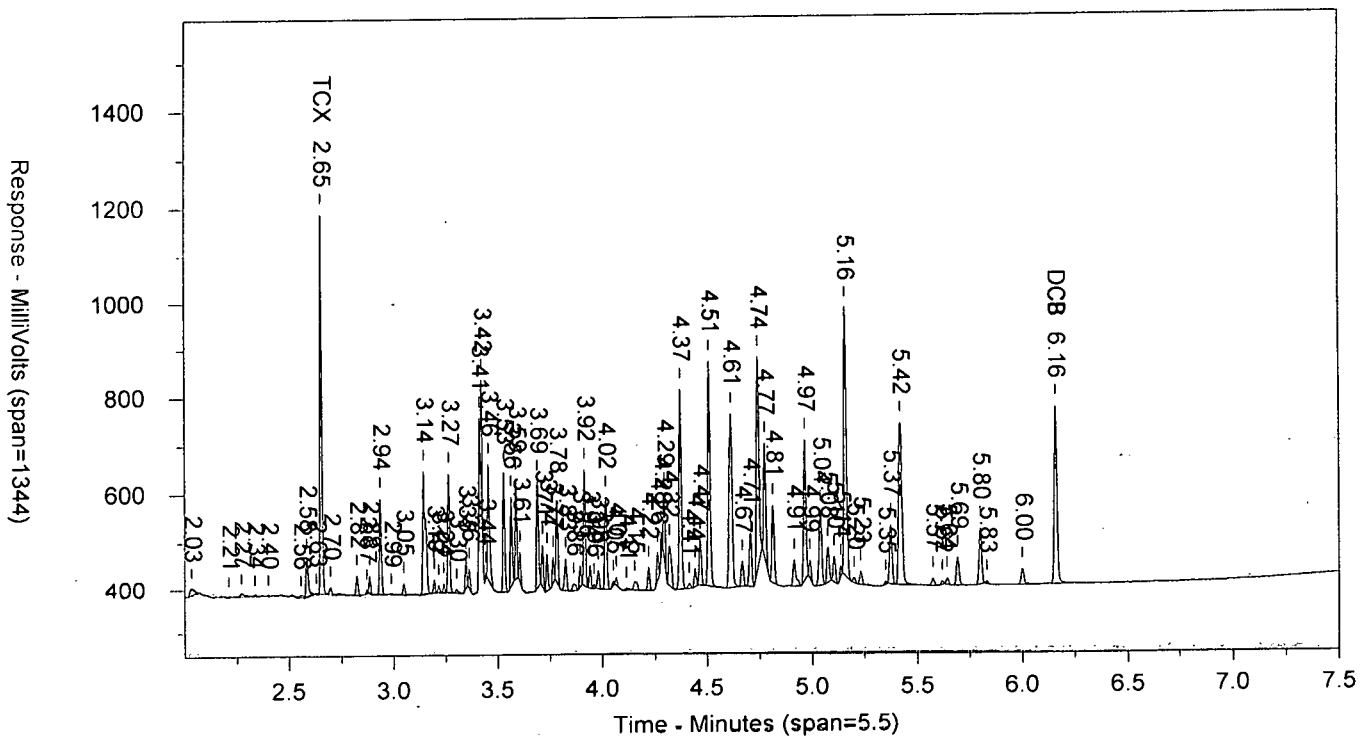
Files:
Area File: 07pcbs17250001.0007.RAW
Area File: 07pcbs17250001B.0007.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:42:43 PM
File Reported On: 9/7/2017 at 11:42:54 PM

AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0007.RAW

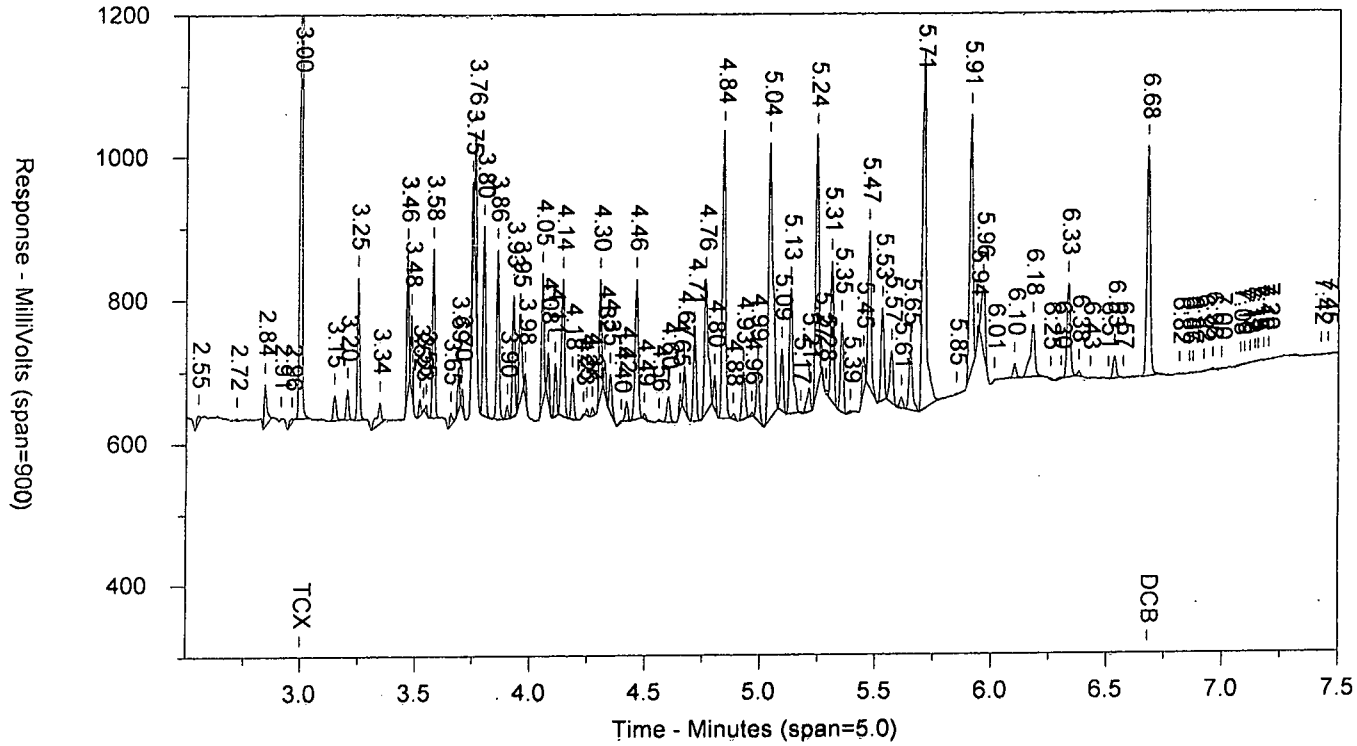


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0007.RAW

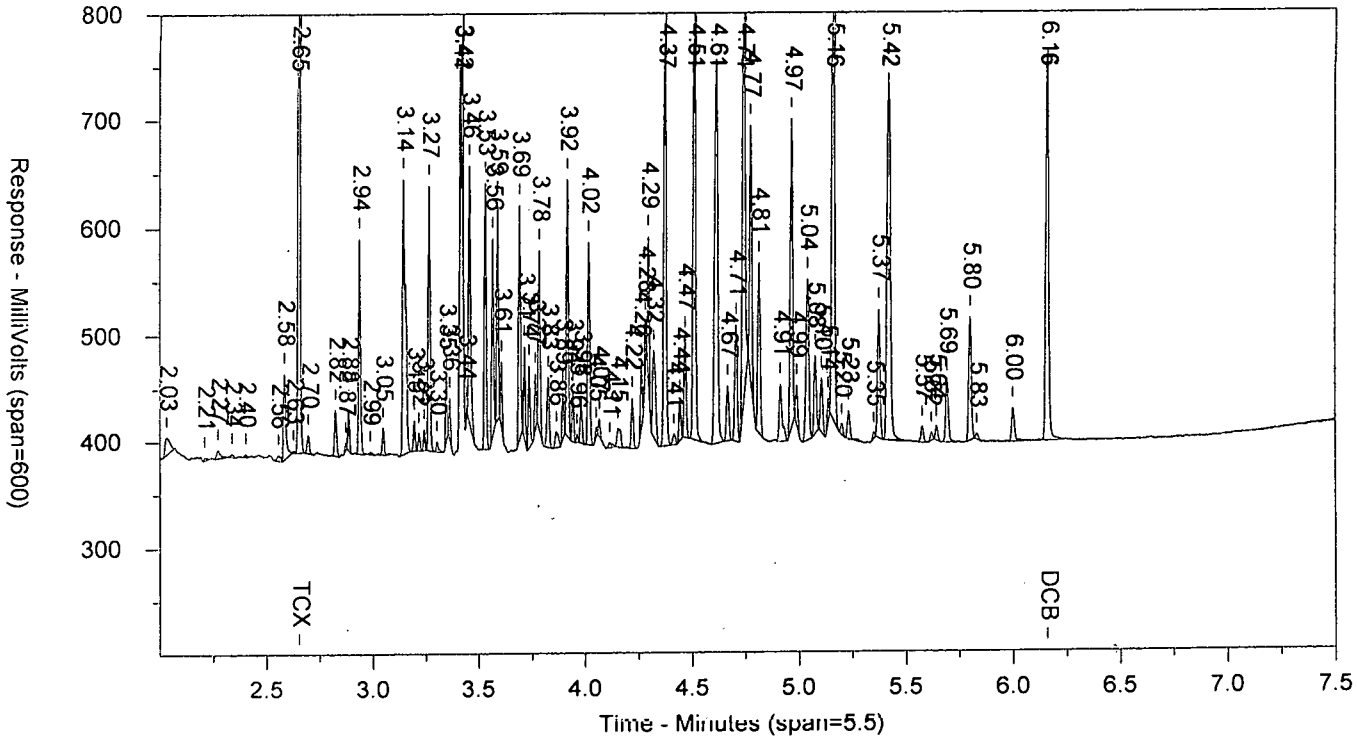


AR1611724B AAAR161AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0007.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0007.RAW



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

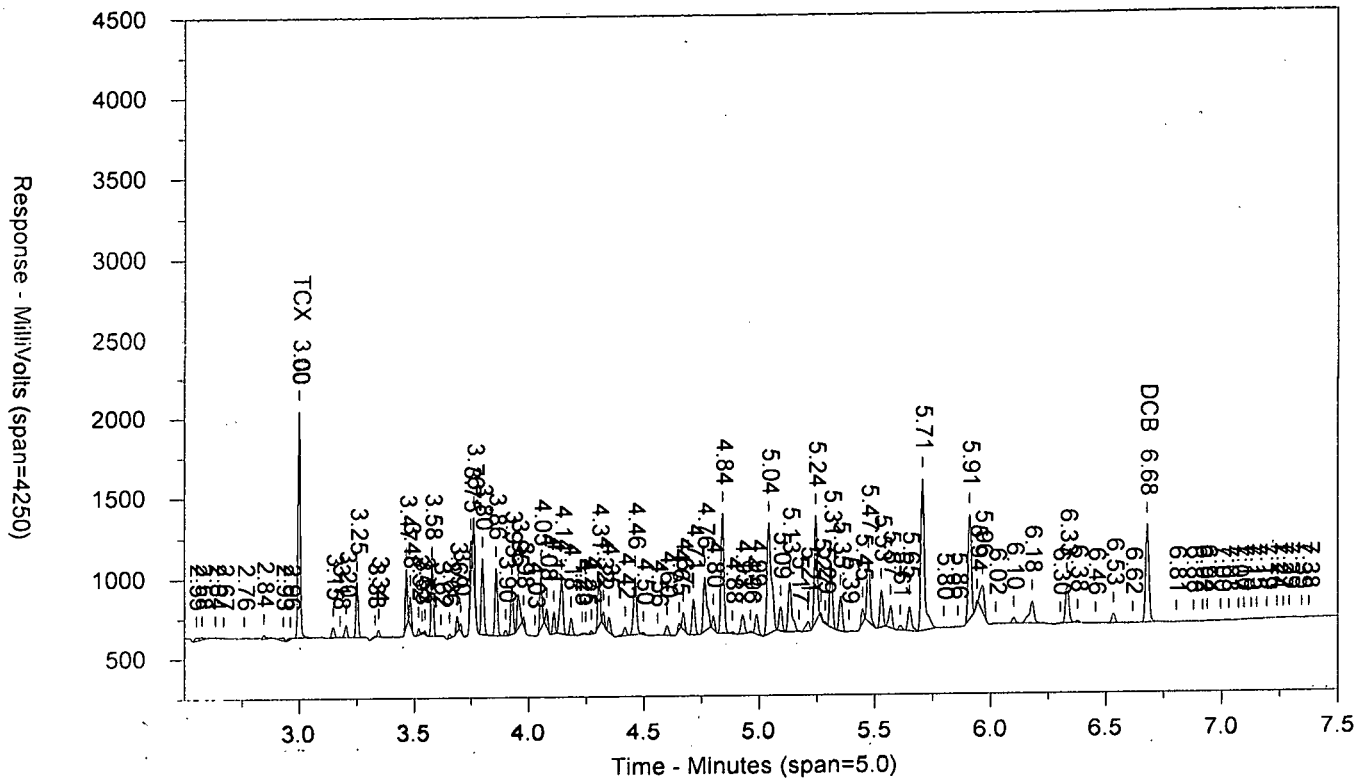
Sample Number: AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:45:28 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

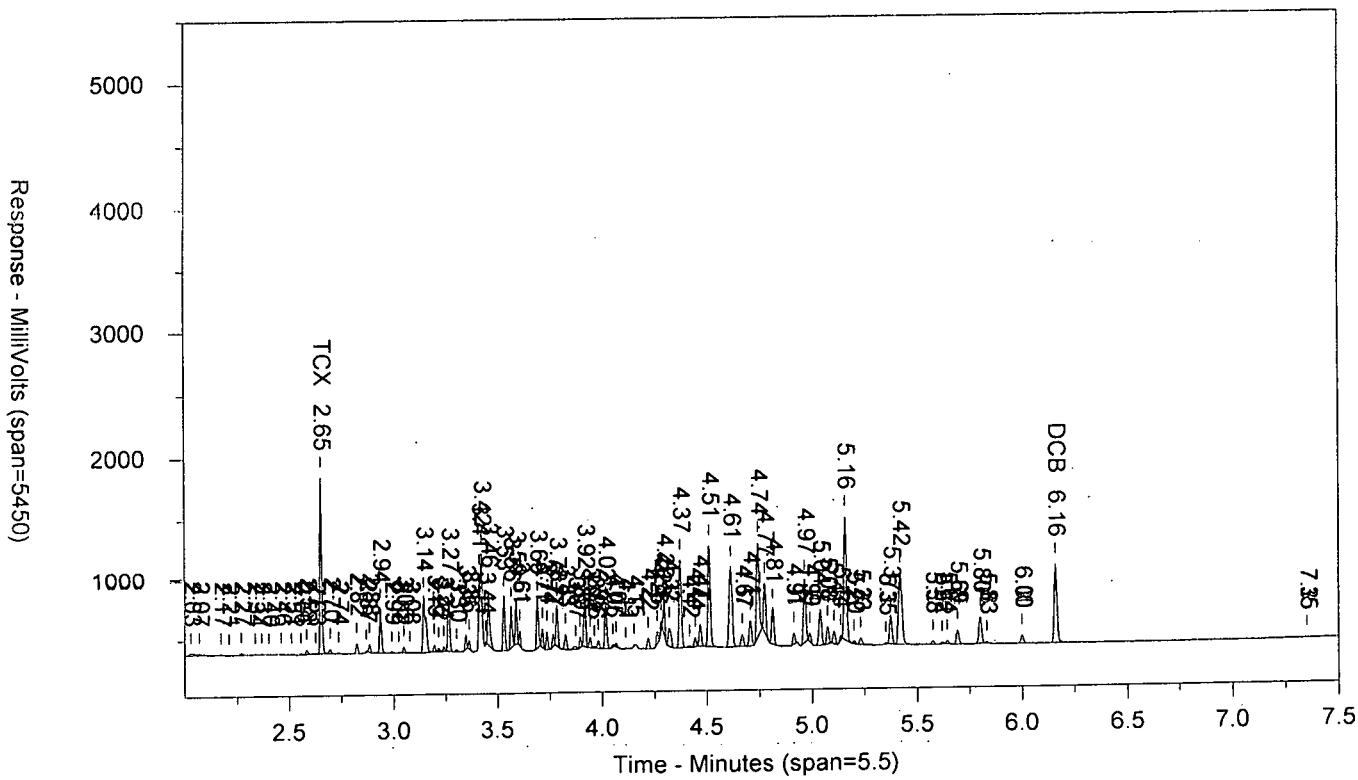
3.895		82419	48188
3.916		439370	283096
3.942		87571	52693
3.962		14025	6618
3.981		60932	39550
4.017		352864	242190
4.051		18268	10636
4.066		30571	17276
4.113		3751	2439
4.153		9438	4727
4.219		89547	59116
4.263		99885	61489
4.281		79519	39904
4.294		246997	138365
4.32		143751	145189
4.372		744101	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0008.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0008.RAW



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

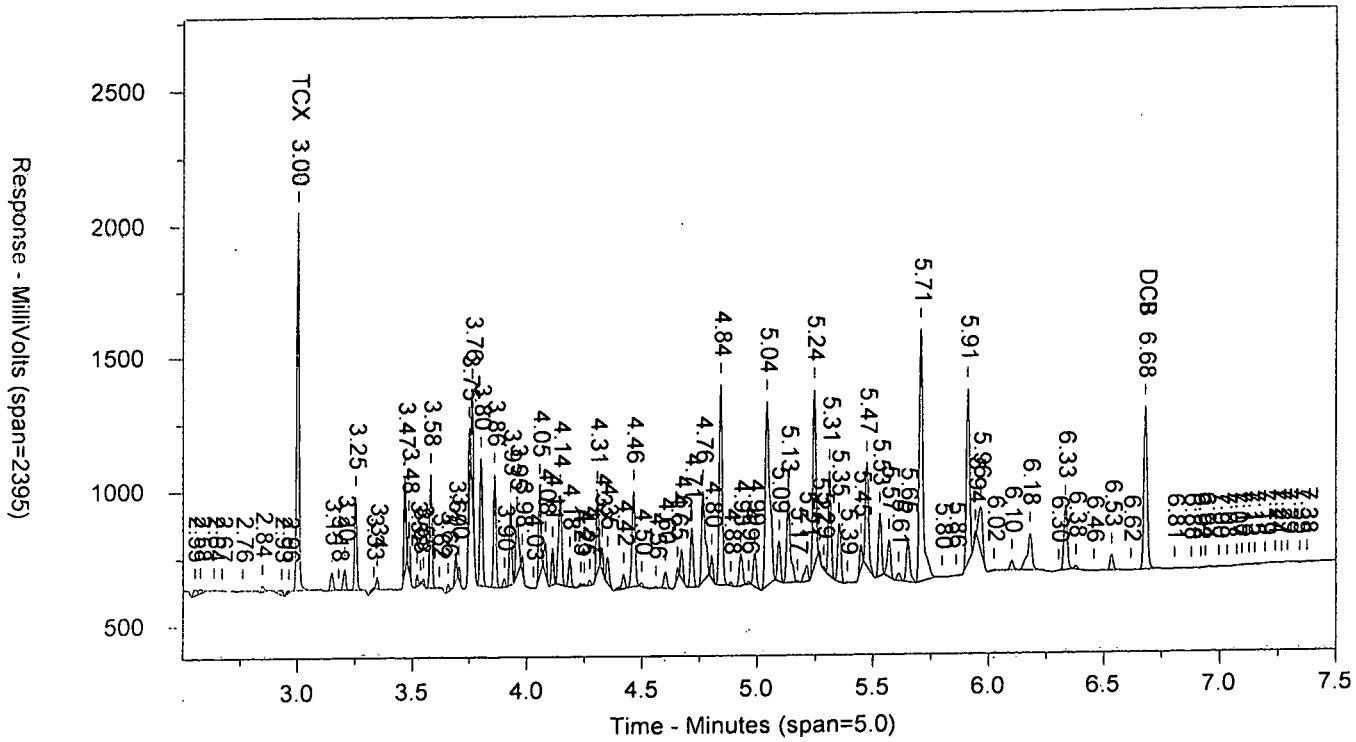
Analyst: 2855

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

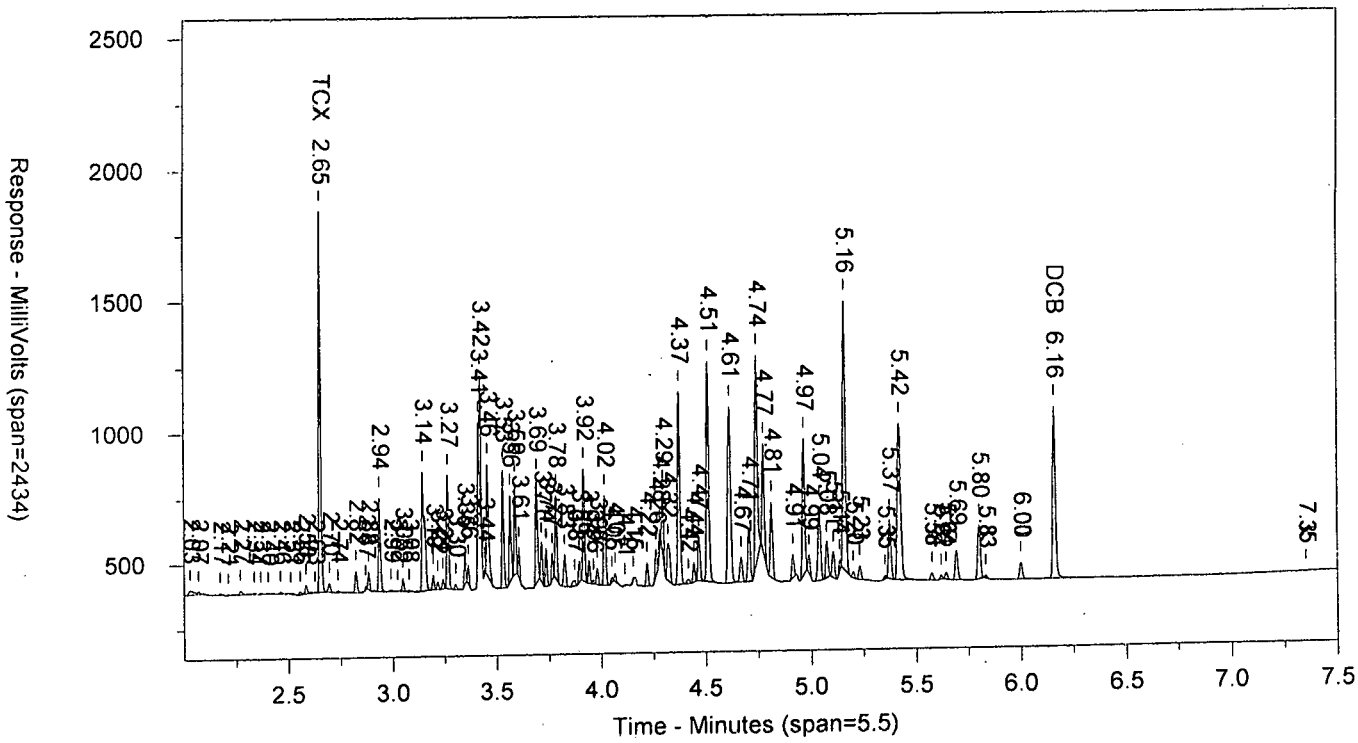
Files:
Area File: 07pcbs17250001.0008.RAW
Area File: 07pcbs17250001B.0008.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/7/2017 11:54:12 PM
File Reported On: 9/7/2017 at 11:54:22 PM

AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0008.RAW

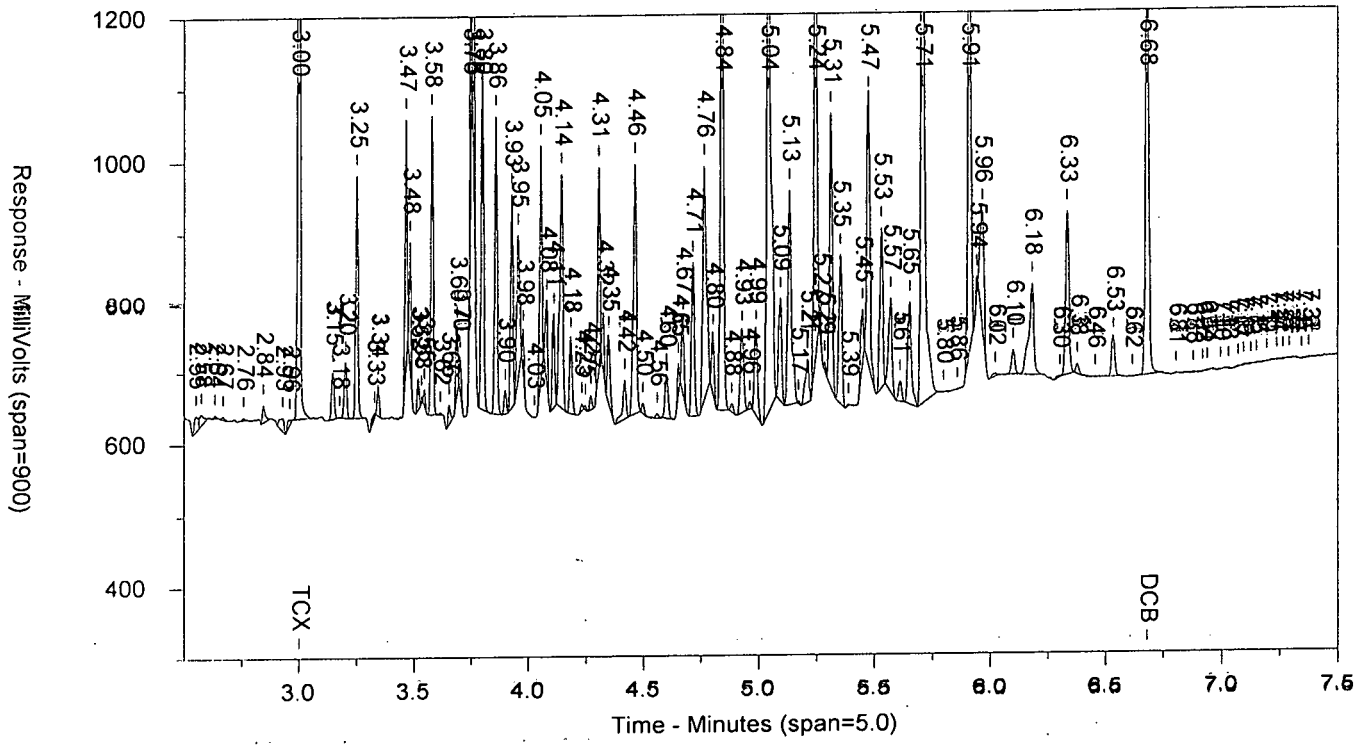


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0008.RAW

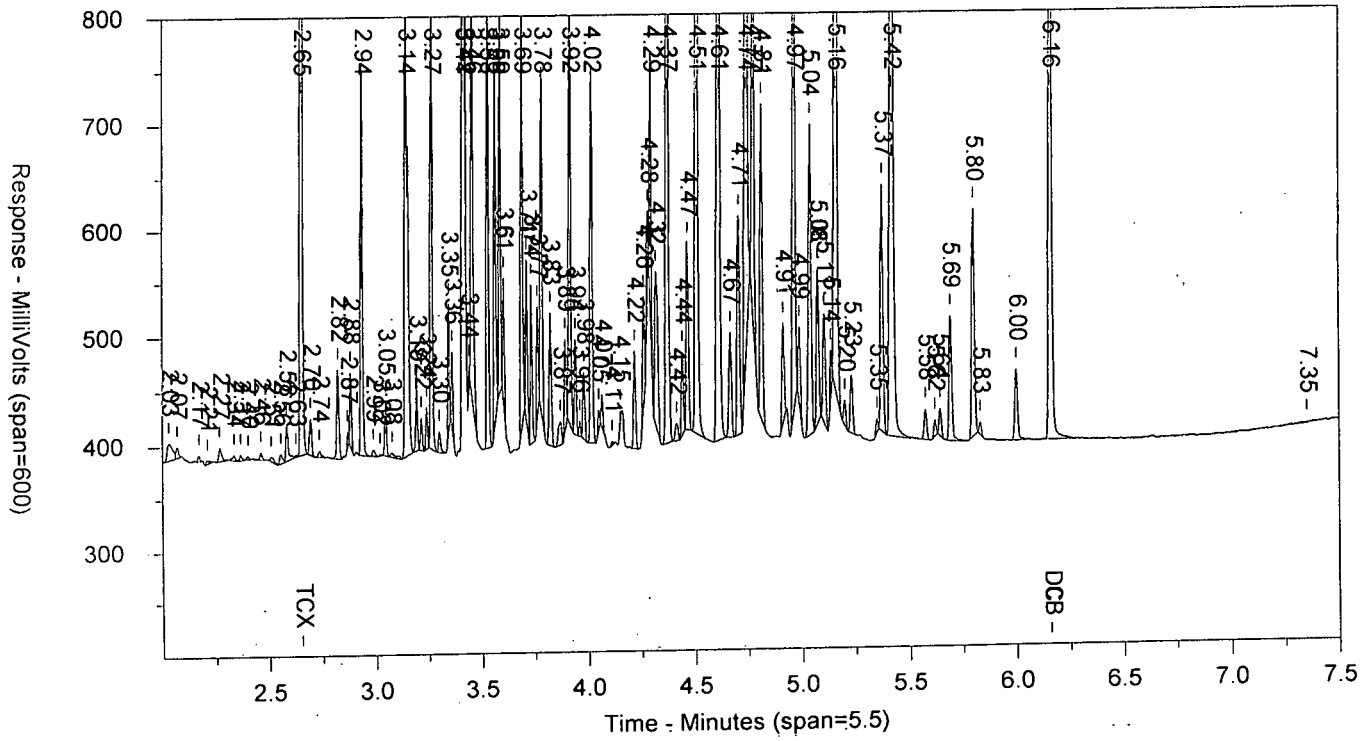


AR1621724B AAAR162AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0008.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0008.RAW



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

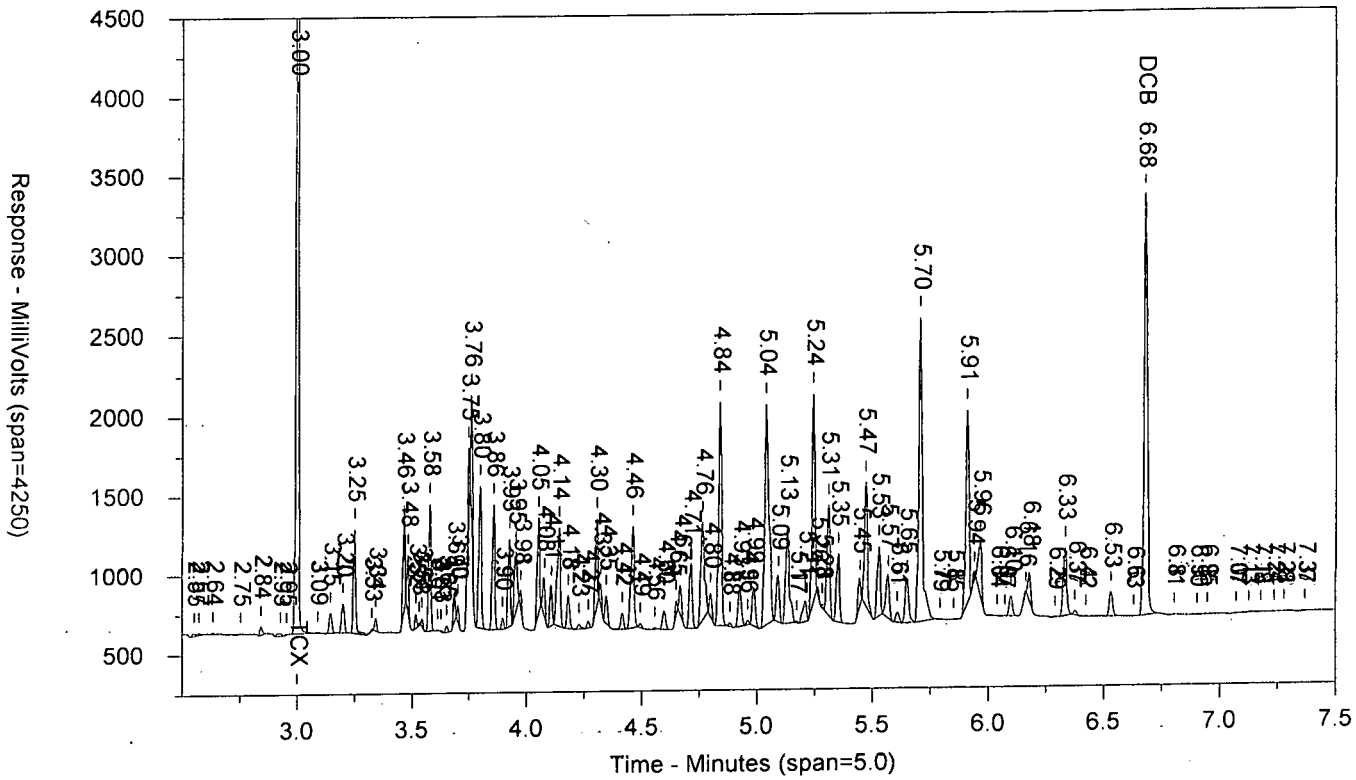
Sample Number: AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/7/2017 11:56:44 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

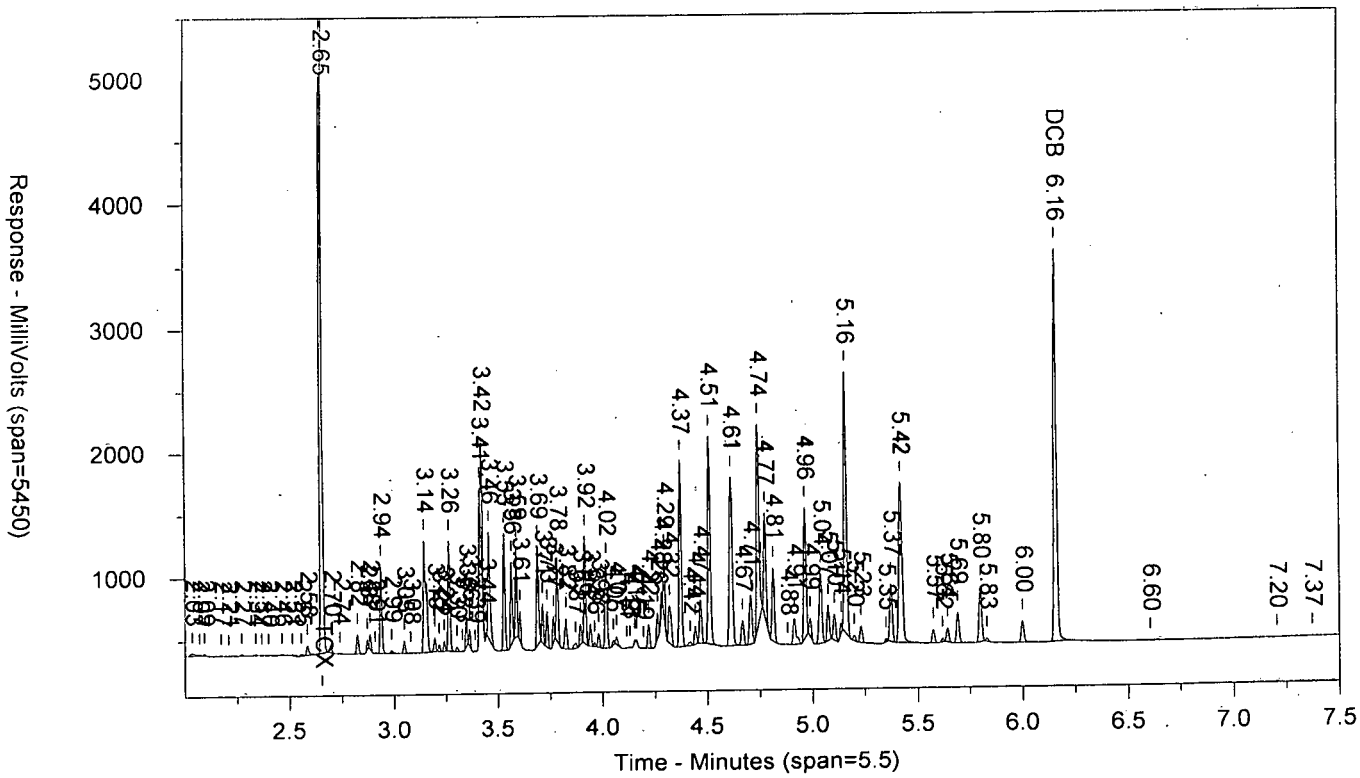
3.825		241187	173871
3.872		41447	38738
3.894		161473	97042
3.915		857735	554016
3.941		176469	106557
3.961		31053	14776
3.98		113178	70843
4.016		664911	475617
4.05		36499	21902
4.066		64053	37243
4.113		3403	2132
4.129		6348	4251
4.153		20805	11842
4.161		24788	11115
4.195		3691	1793
4.219		190358	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0009.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0009.RAW



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

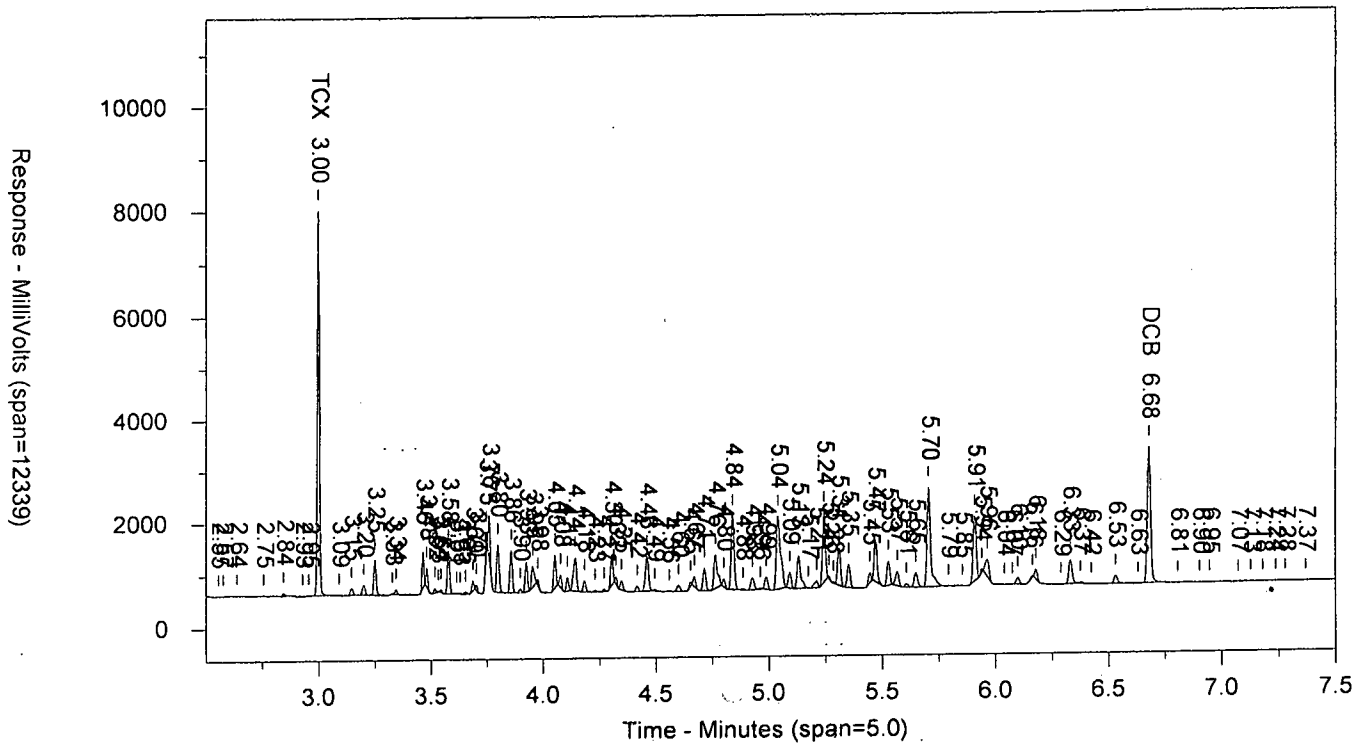
Analyst: 2855

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

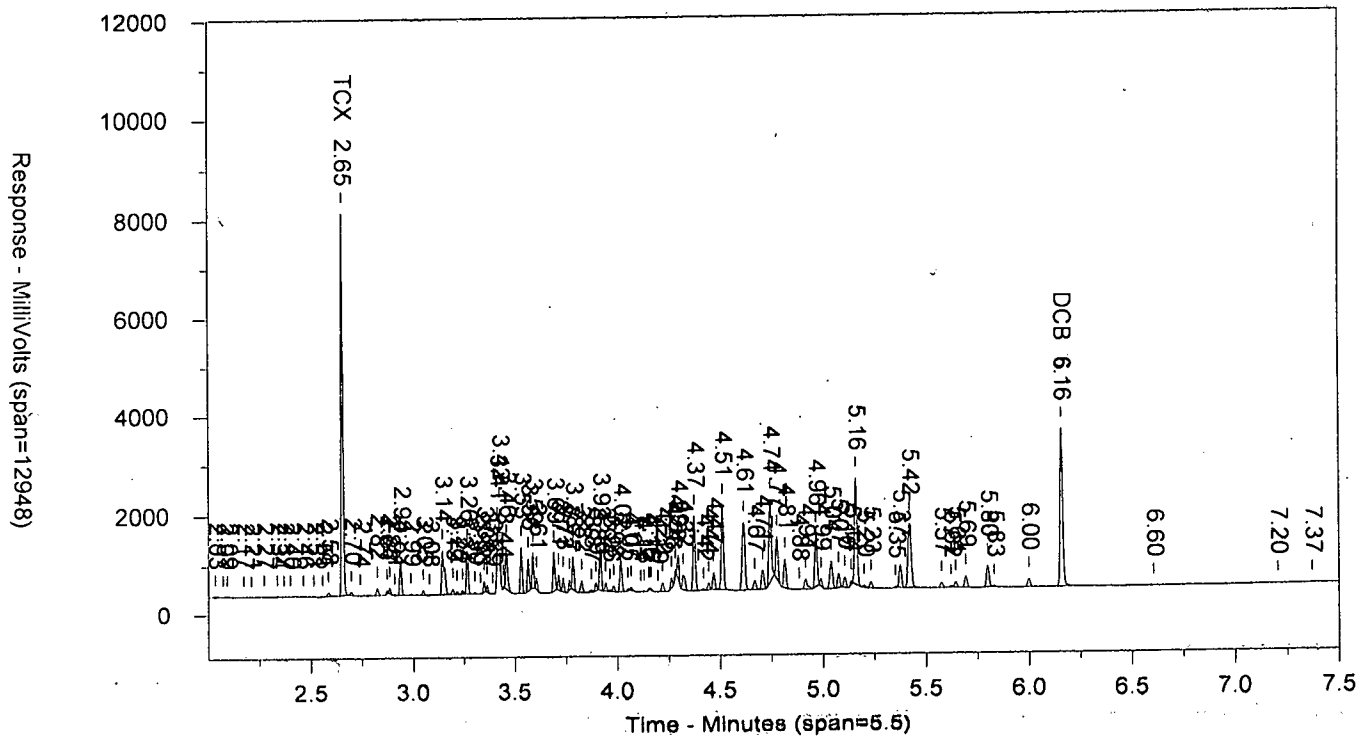
Files:
Area File: 07pcbs17250001.0009.RAW
Area File: 07pcbs17250001B.0009.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:05:26 AM
File Reported On: 9/8/2017 at 12:05:36 AM

AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0009.RAW

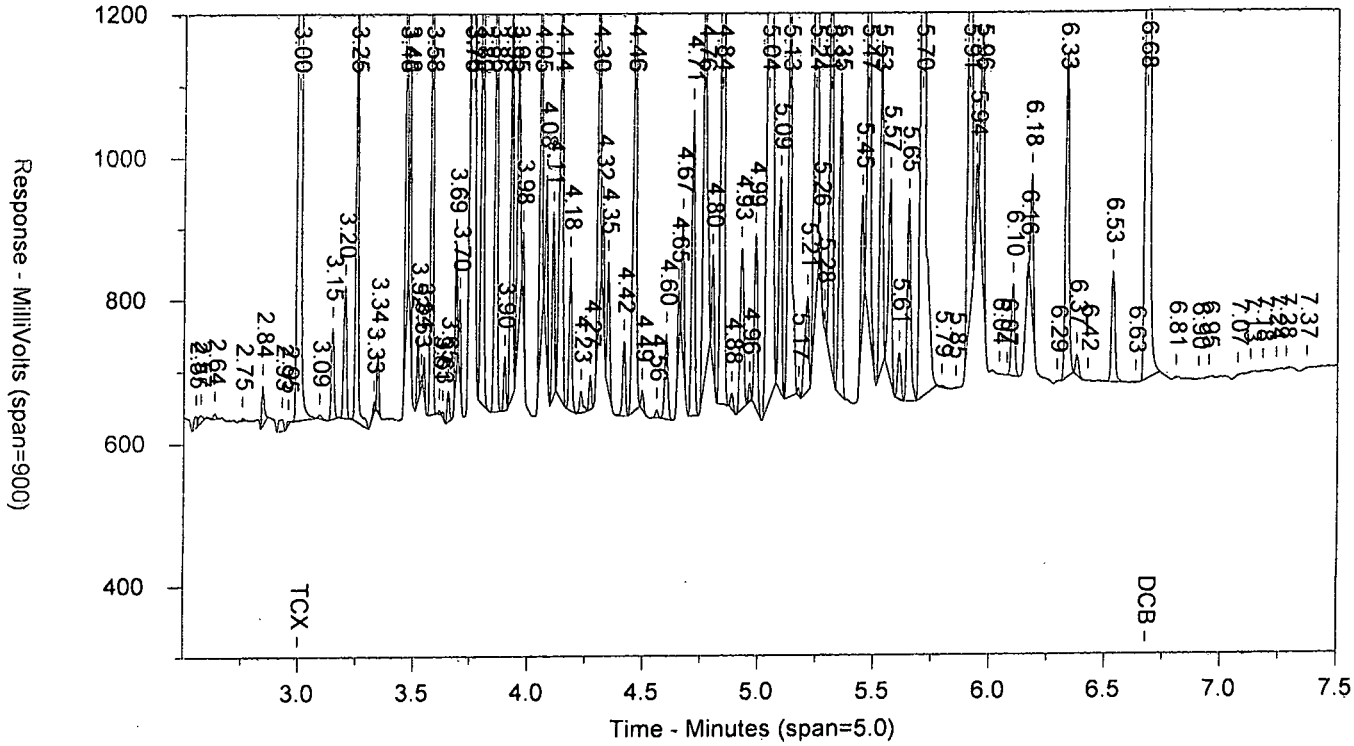


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0009.RAW

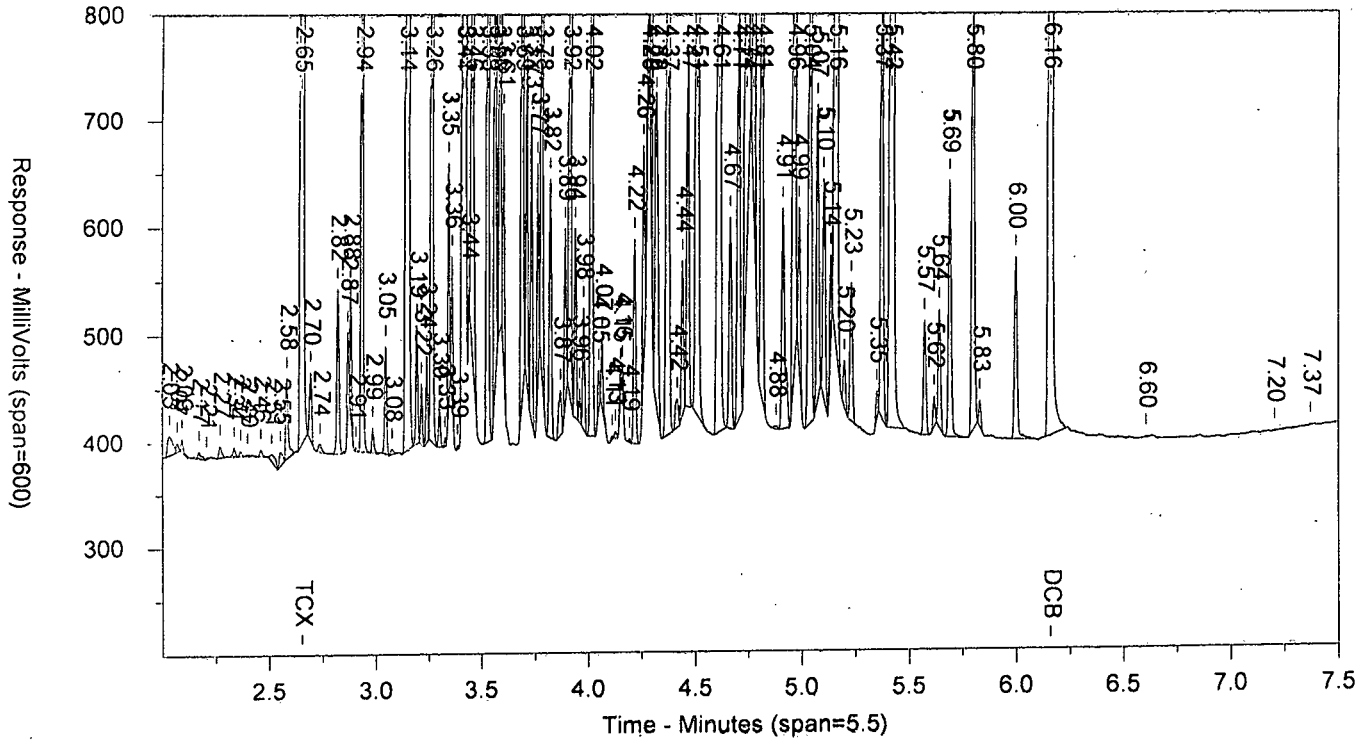


AR1631724B AAAR163AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0009.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0009.RAW



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

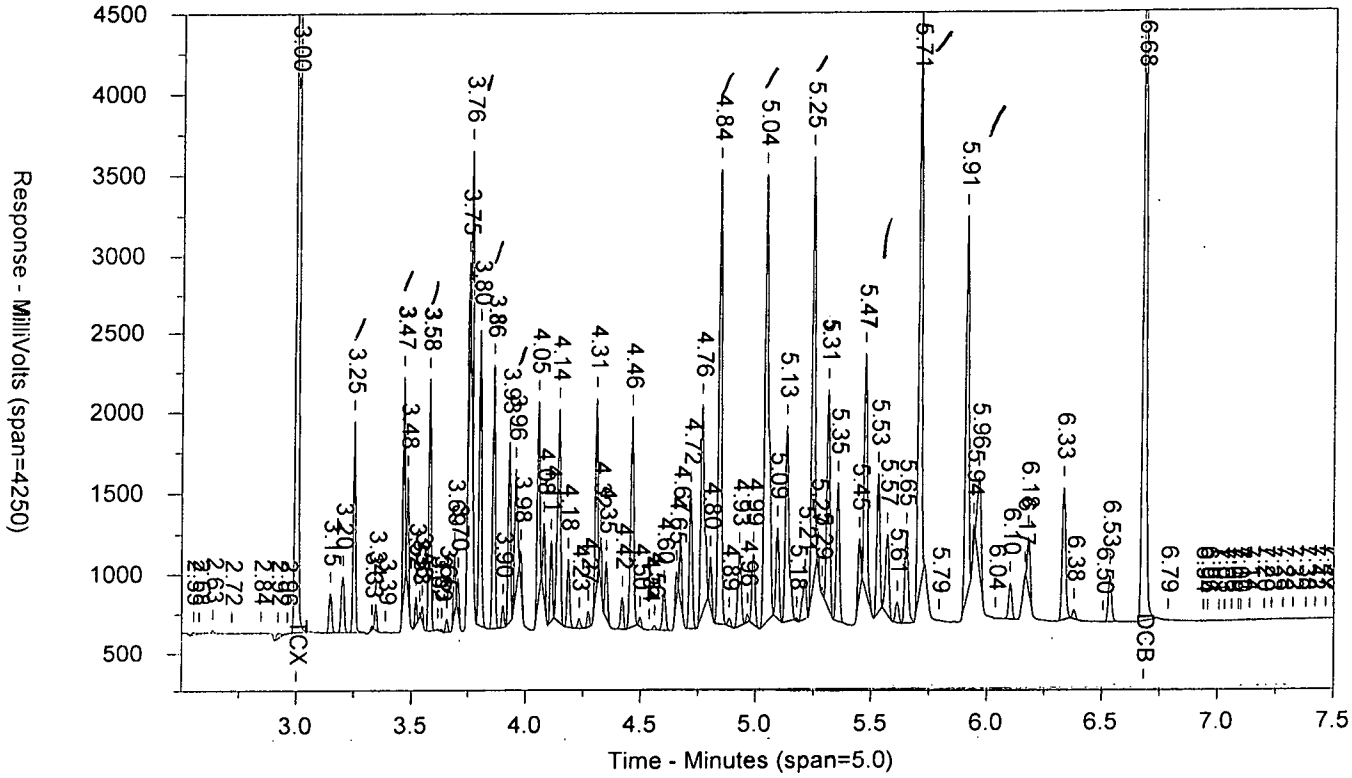
Sample Number: AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:08:11 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

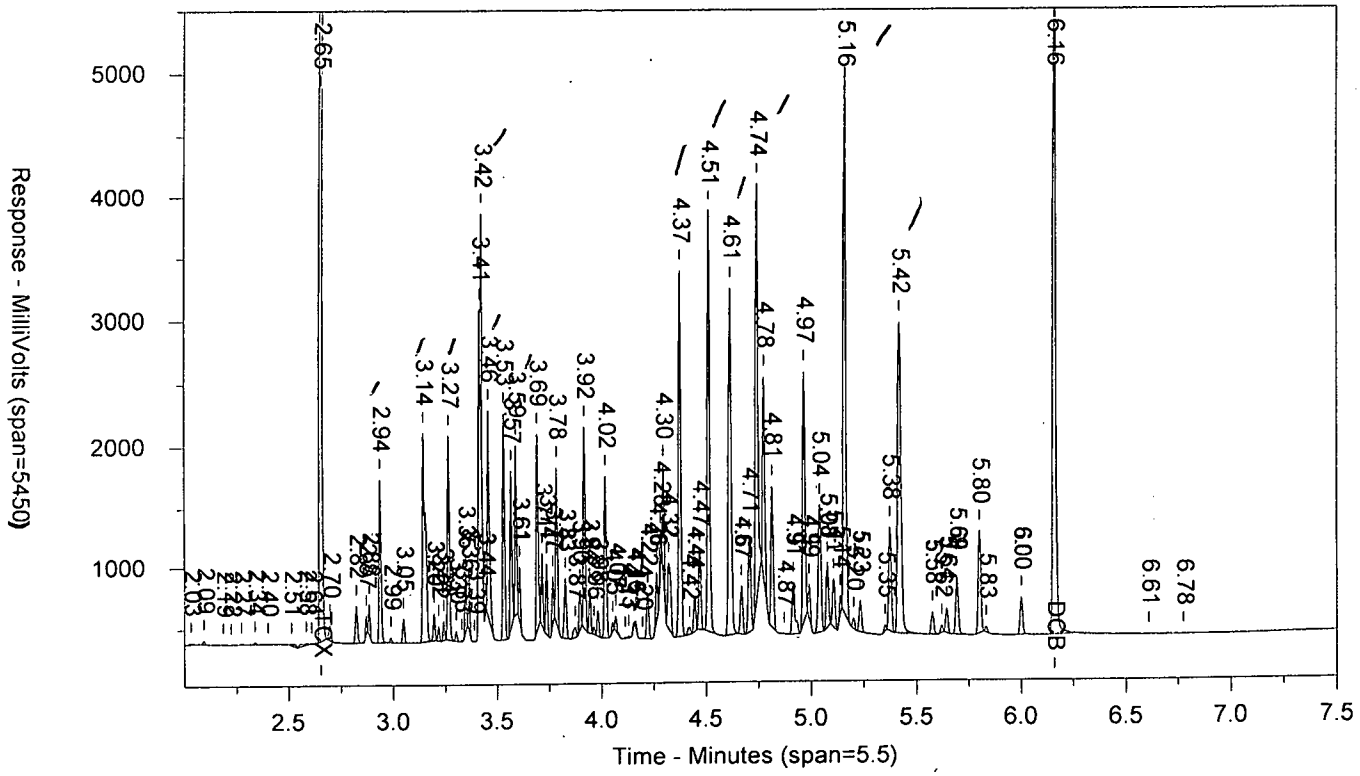
4.113		6286	3333
4.129		13314	9243
4.154		**30419**	**21522**
4.163		46113	22817
4.196		6445	3437
4.221		363341	261220
4.263		387544	238608
4.282		318784	159409
4.295		936894	534048
4.32		534697	556793
4.373		2958760	2237133
4.418		57139	56030
4.444		279964	187433
4.468		643465	474513
4.512		3415482	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**

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0010.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0010.RAW



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

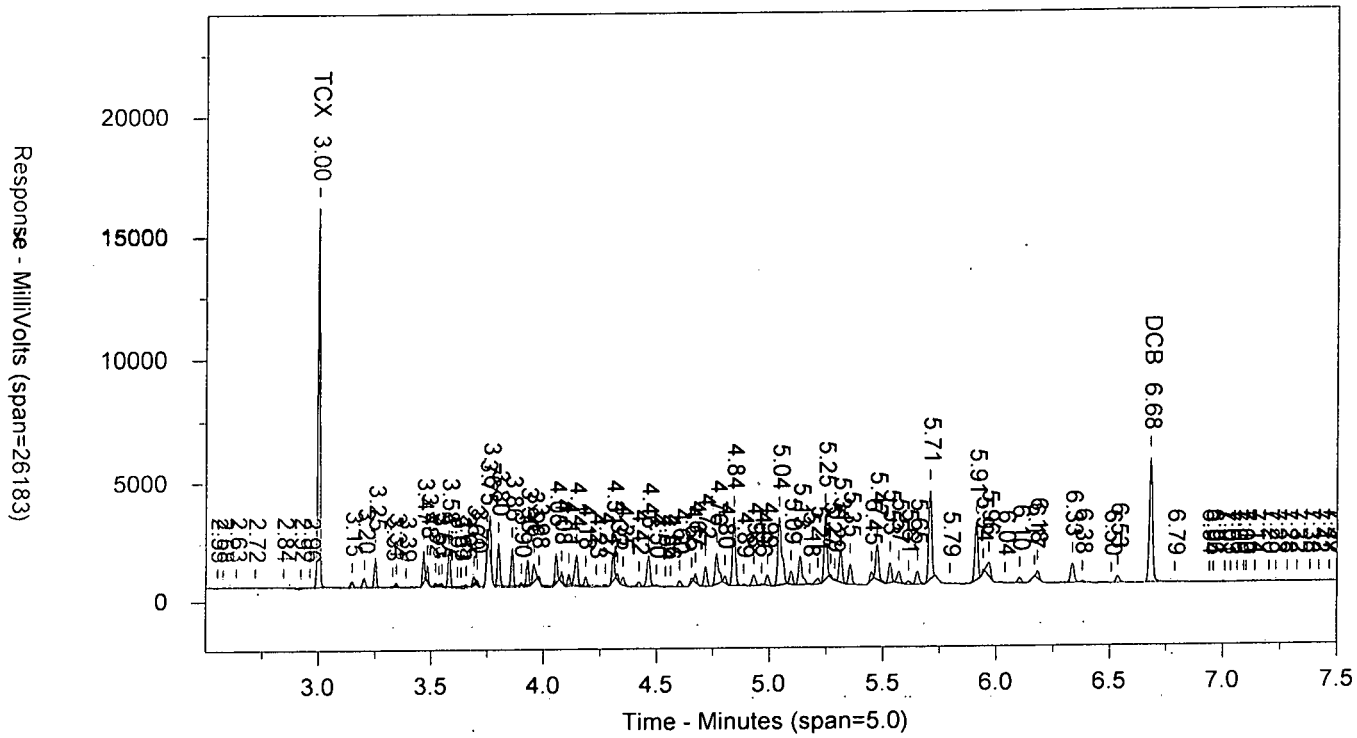
Analyst: 2855

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

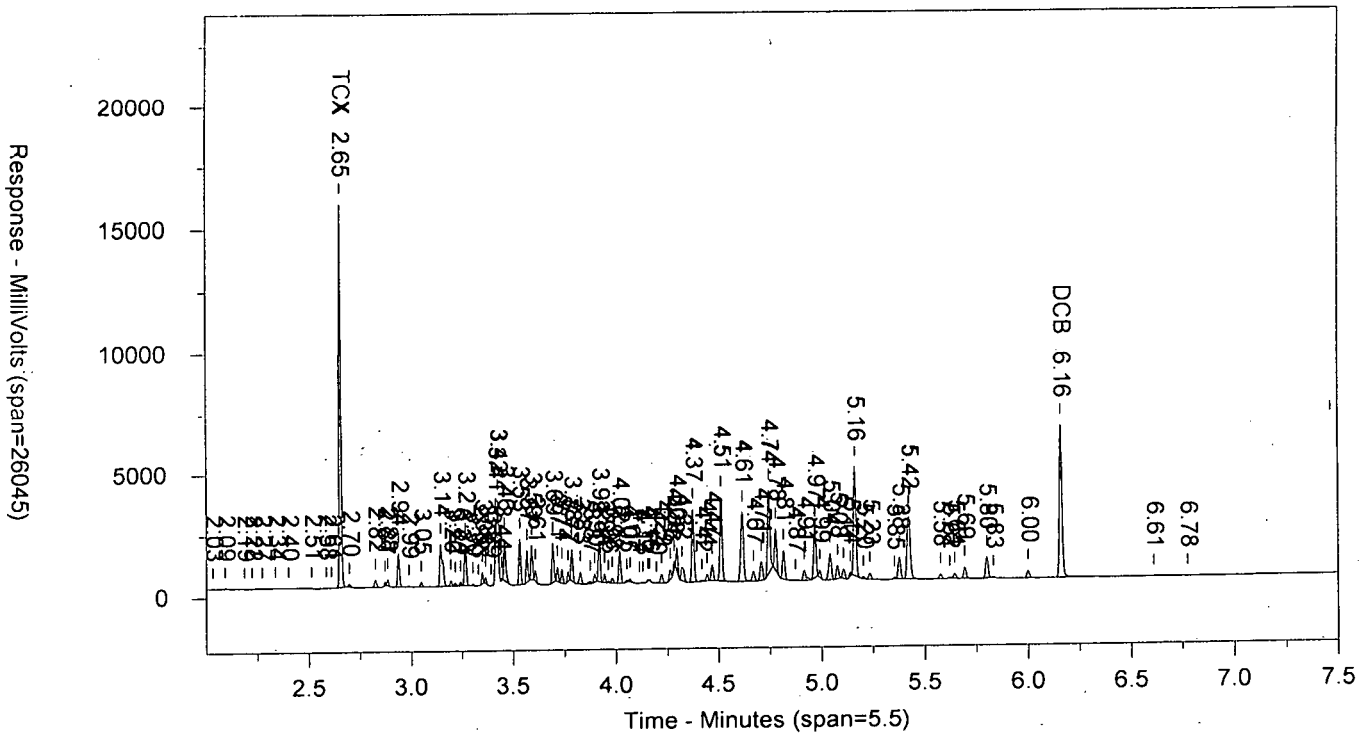
Files:
Area File: 07pcbs17250001.0010.RAW
Area File: 07pcbs17250001B.0010.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:16:53 AM
File Reported On: 9/8/2017 at 12:17:02 AM

AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0010.RAW

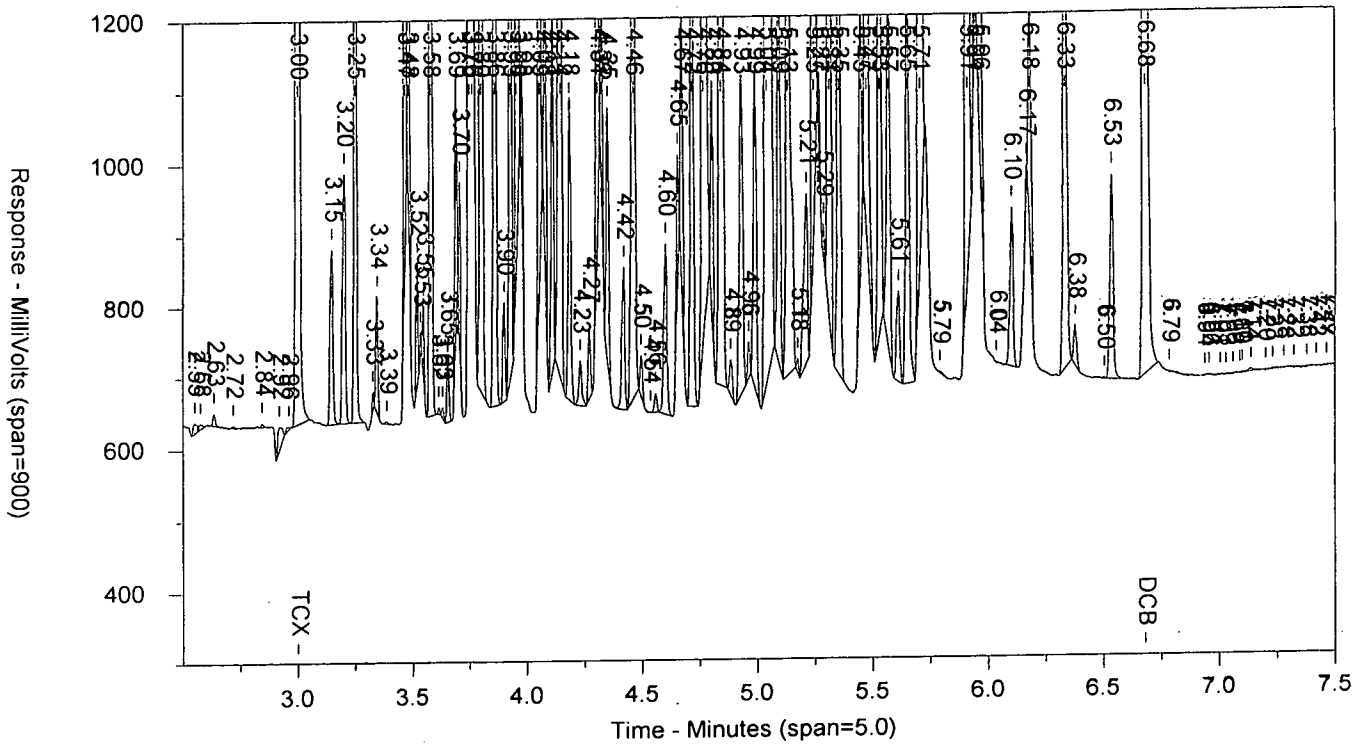


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0010.RAW

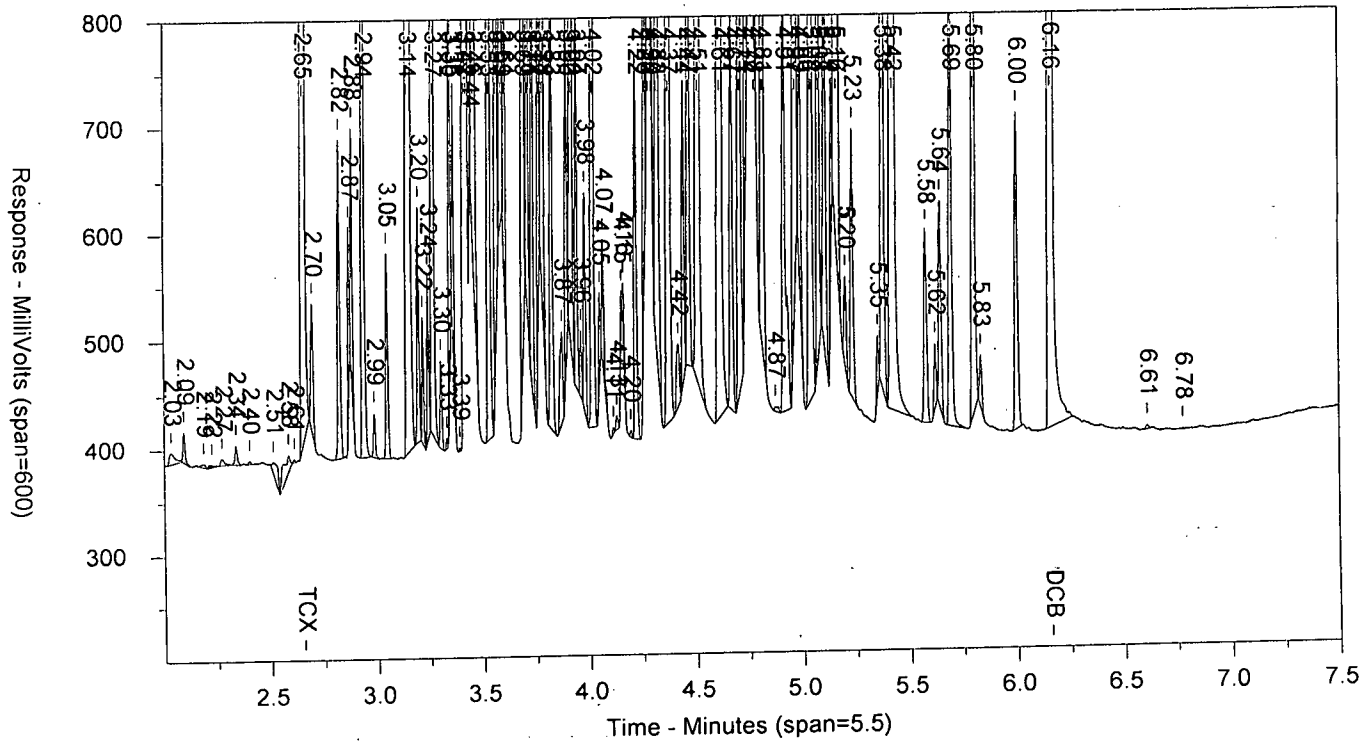


AR1641724B AAAR164AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0010.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0010.RAW



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

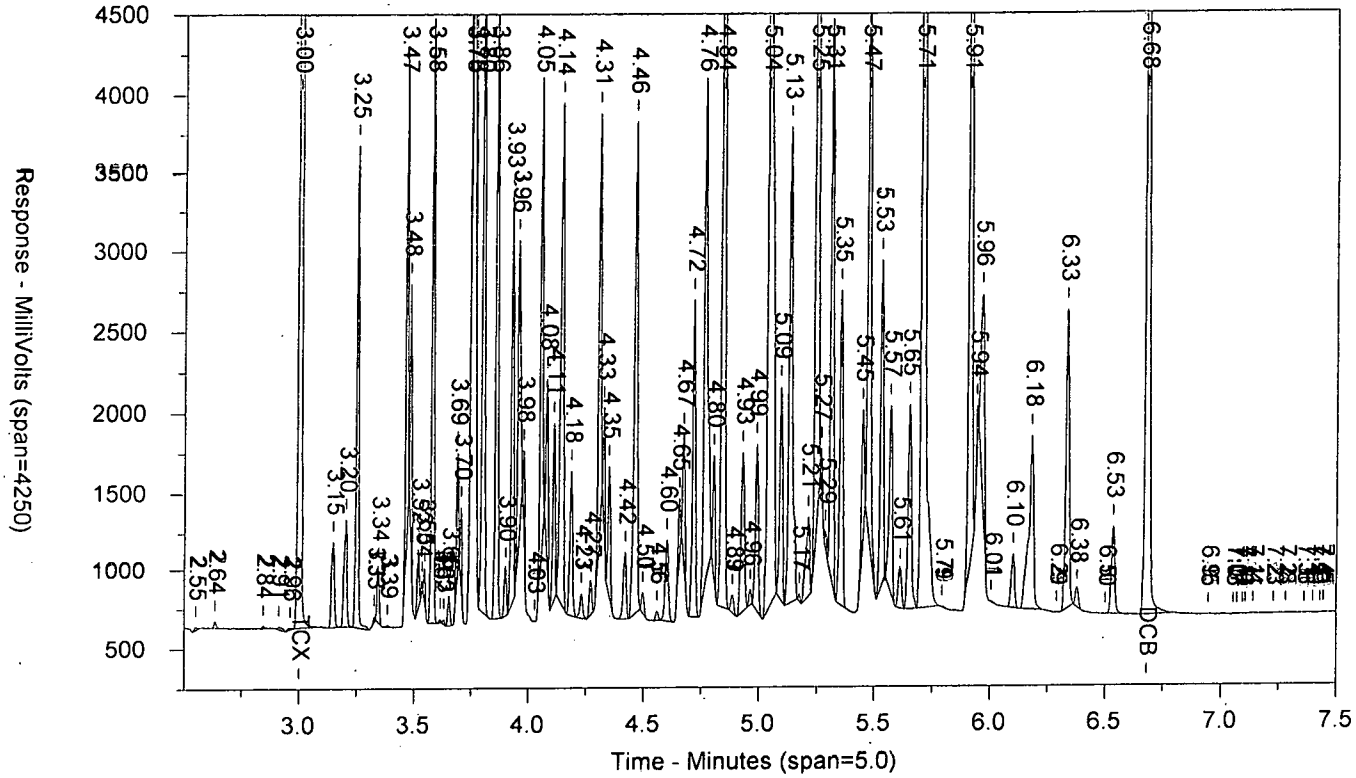
Sample Number: AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:19:40 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

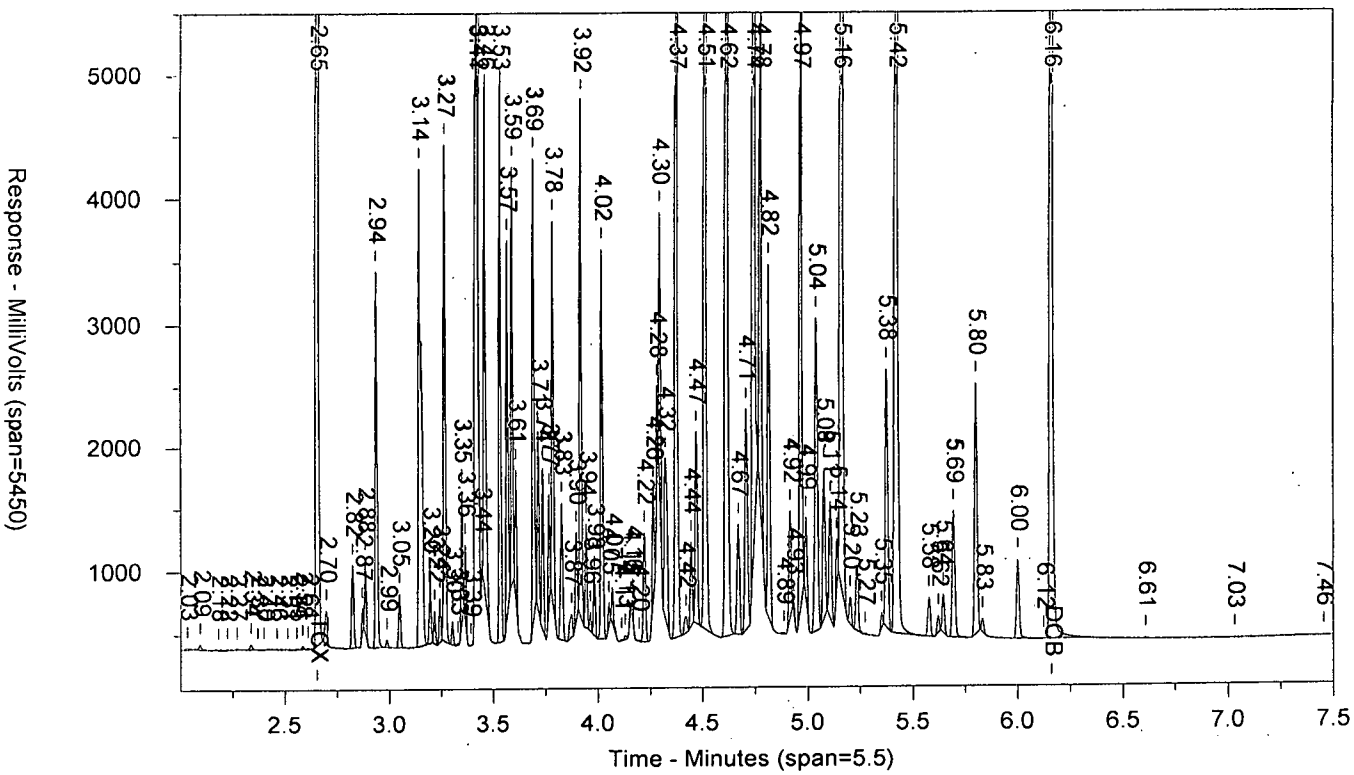
3.896		701389	426060
3.918		4178603	2607443
3.943		823001	488835
3.963		147970	69869
3.982		461611	285669
4.018		3137444	2165767
4.052		175887	102947
4.068		282364	167623
4.112		12480	6960
4.13		33245	22782
4.154		74094	44639
4.163		125777	57924
4.196		13661	6313
4.221		866137	603759
4.264		877214	540790
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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0011.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0011.RAW



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

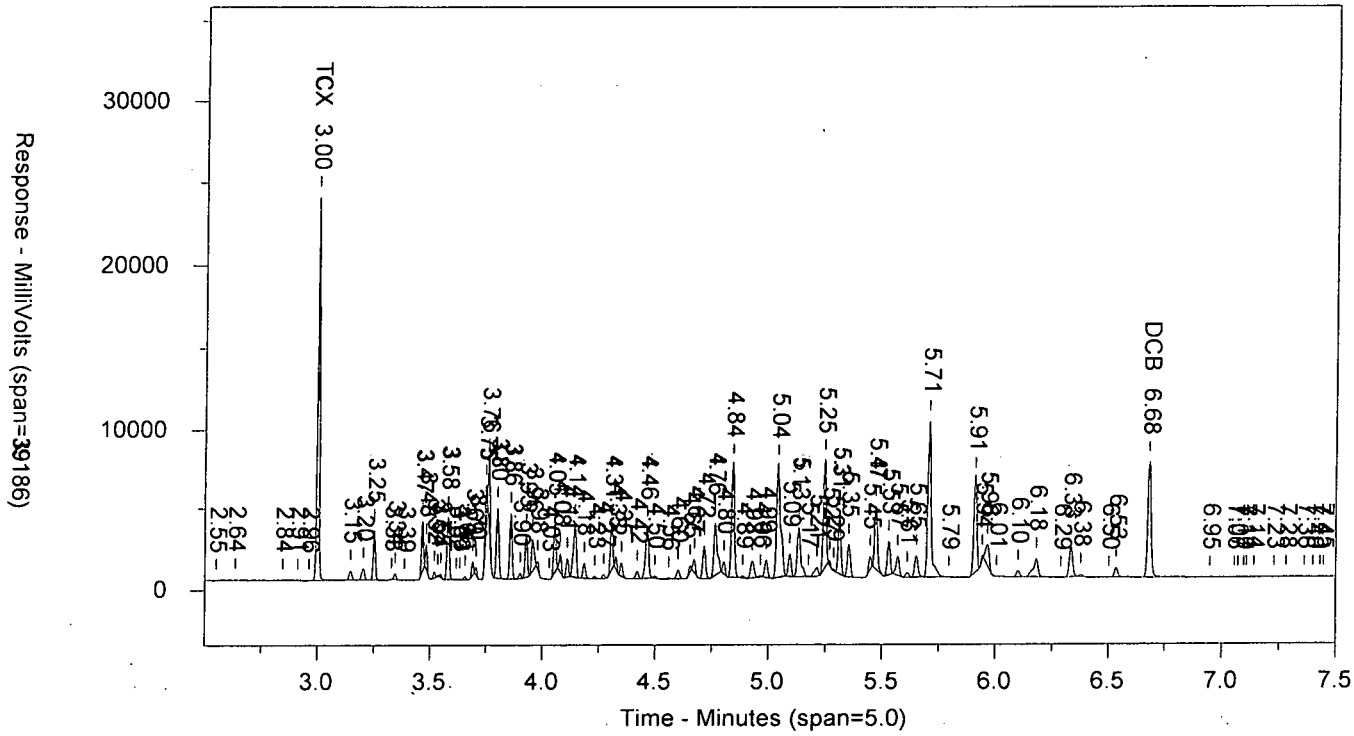
Analyst: 2855

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

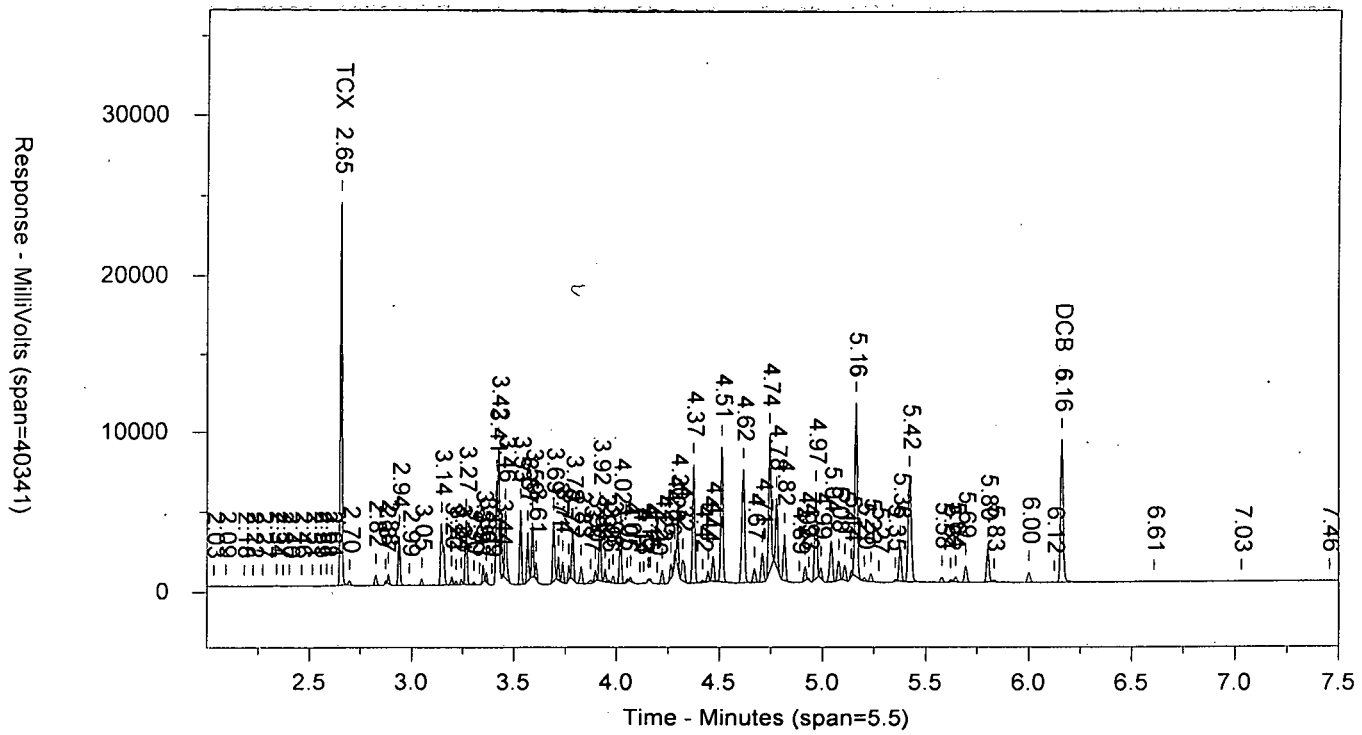
Files:
Area File: 07pcbs17250001.0011.RAW
Area File: 07pcbs17250001B.0011.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:28:23 AM
File Reported On: 9/8/2017 at 12:28:38 AM

AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0011.RAW

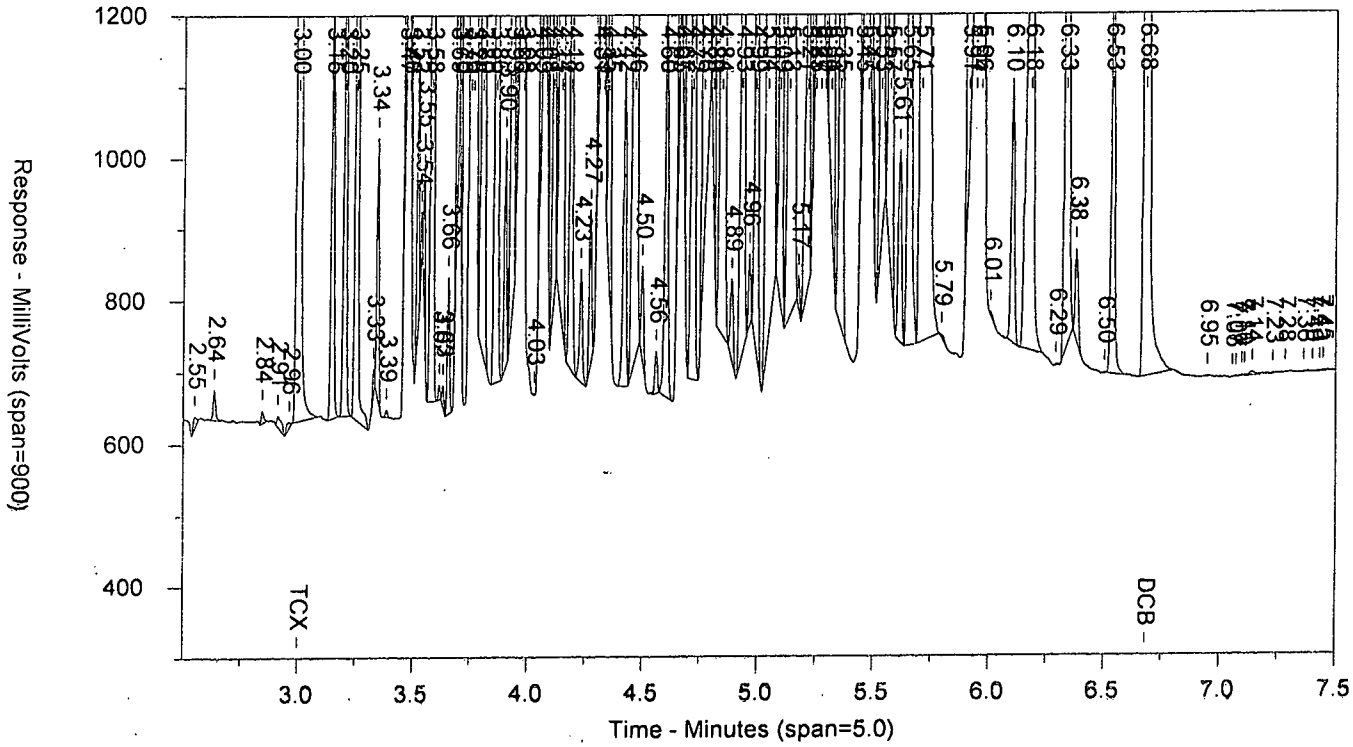


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0011.RAW

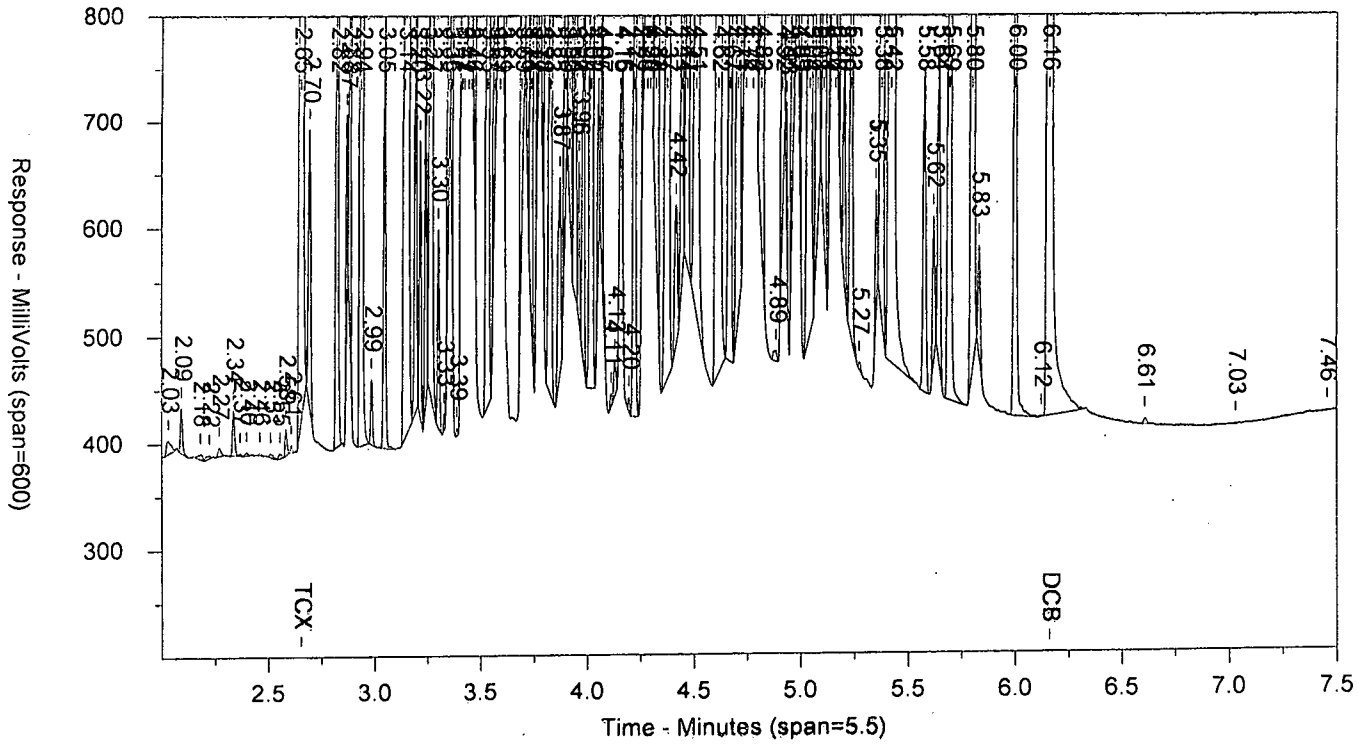


AR1651724B AAAR165AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0011.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0011.RAW



LANCASTER LABORATORIES

Sample Number: AR1661724A AAAR166AA ICAL 1724999999 10738 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

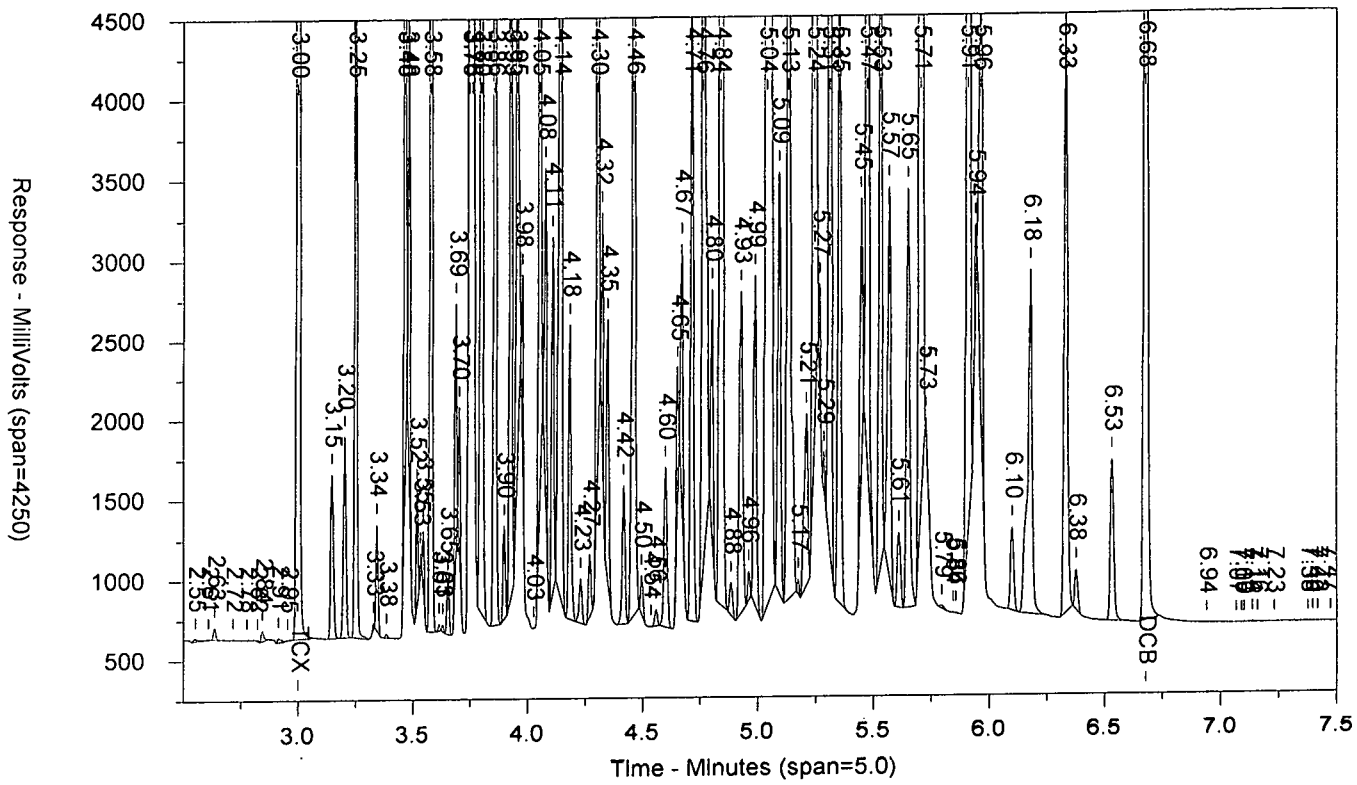
Sample Number: AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:30:59 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

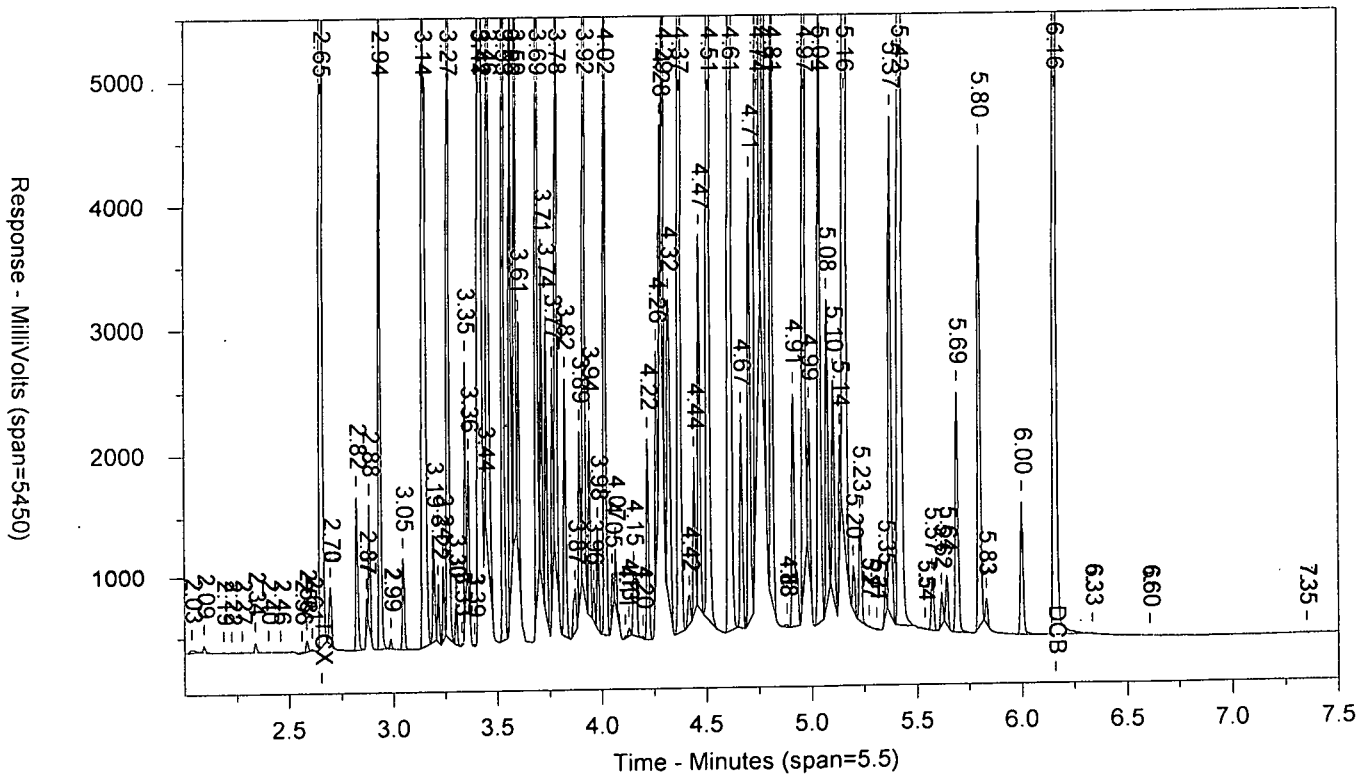
3.98		861080	533578
4.016		6303758	4191306
4.051		319891	192166
4.066		507040	312841
4.111		22990	11879
4.128		65575	44520
4.153		542939	695832
4.195		19288	9250
4.22		1658864	1173599
4.263		1660397	978215
4.28		1770002	813851
4.294		4592576	2509920
4.321		2461746	2519330
4.372		14114620	10479390
4.417		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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0012.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0012.RAW



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

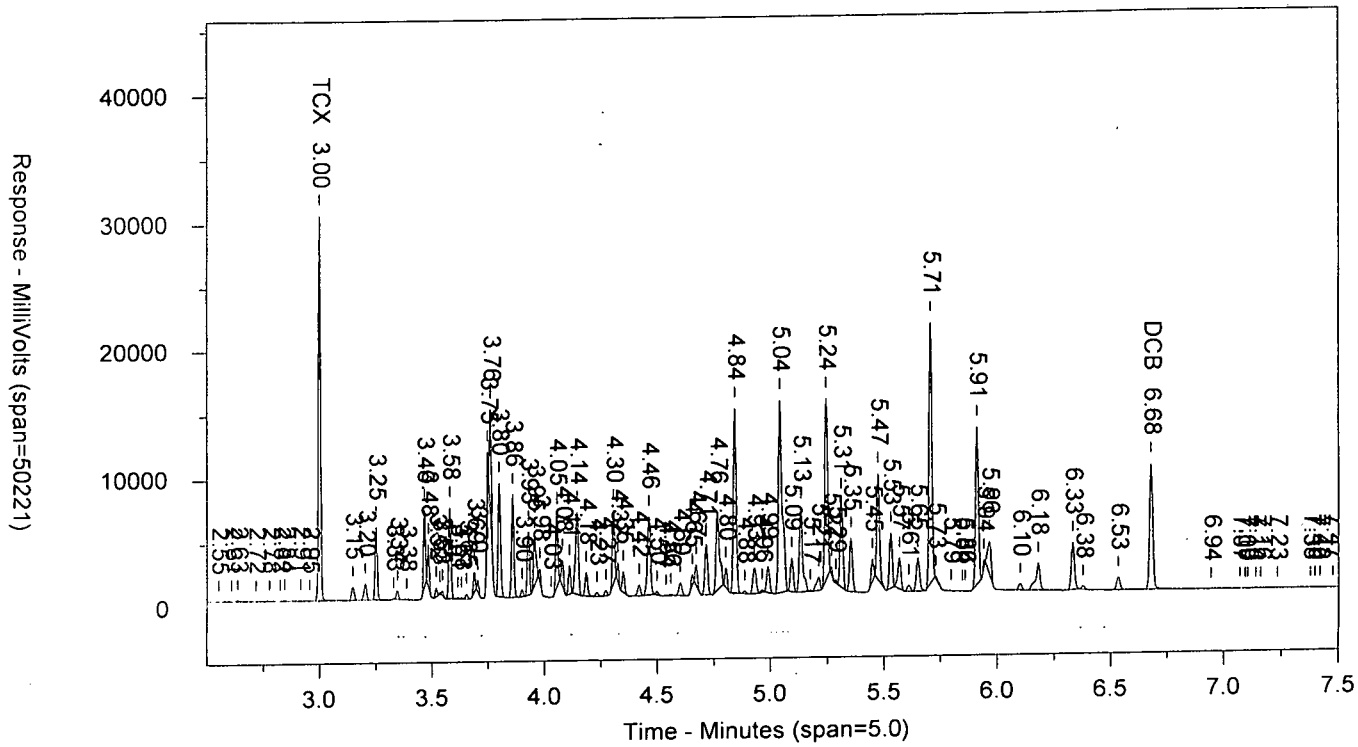
Analyst: 2855

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

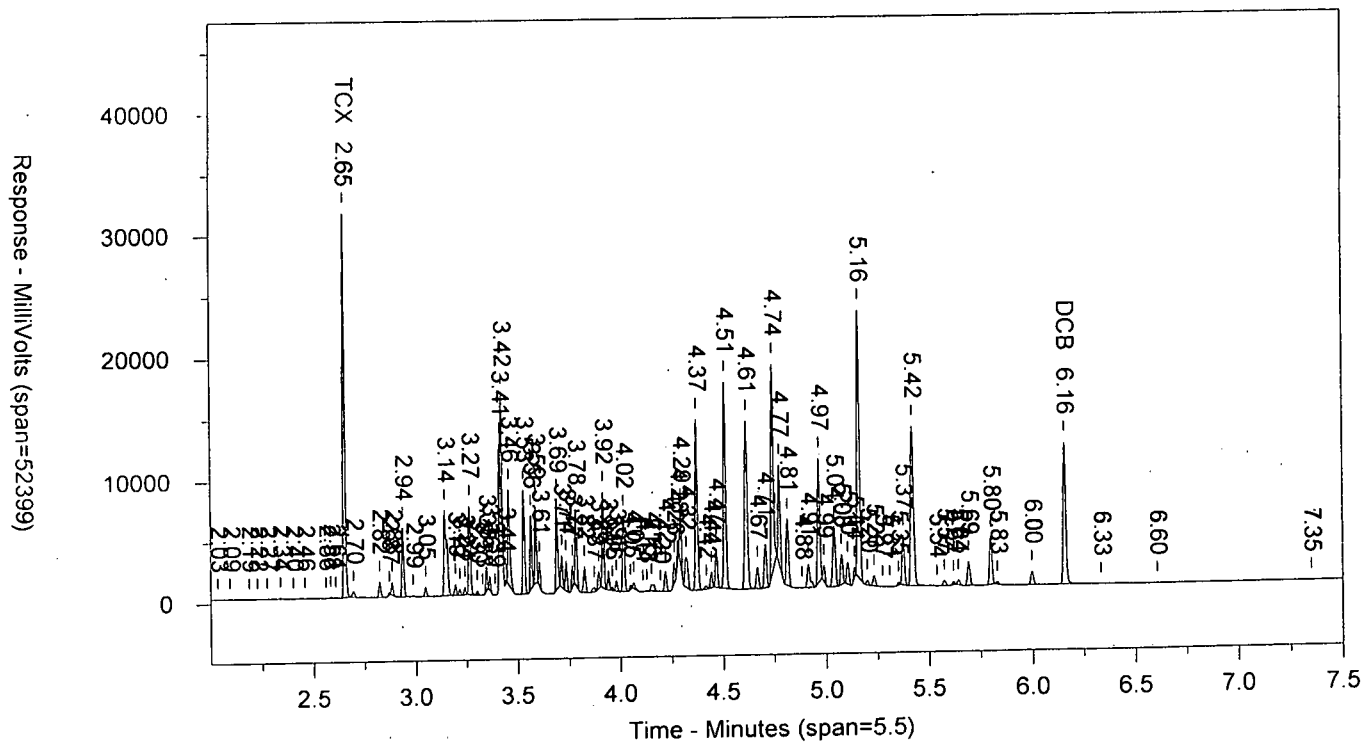
Files:
Area File: 07pcbs17250001.0012.RAW
Area File: 07pcbs17250001B.0012.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:39:42 AM
File Reported On: 9/8/2017 at 12:39:52 AM

AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0012.RAW

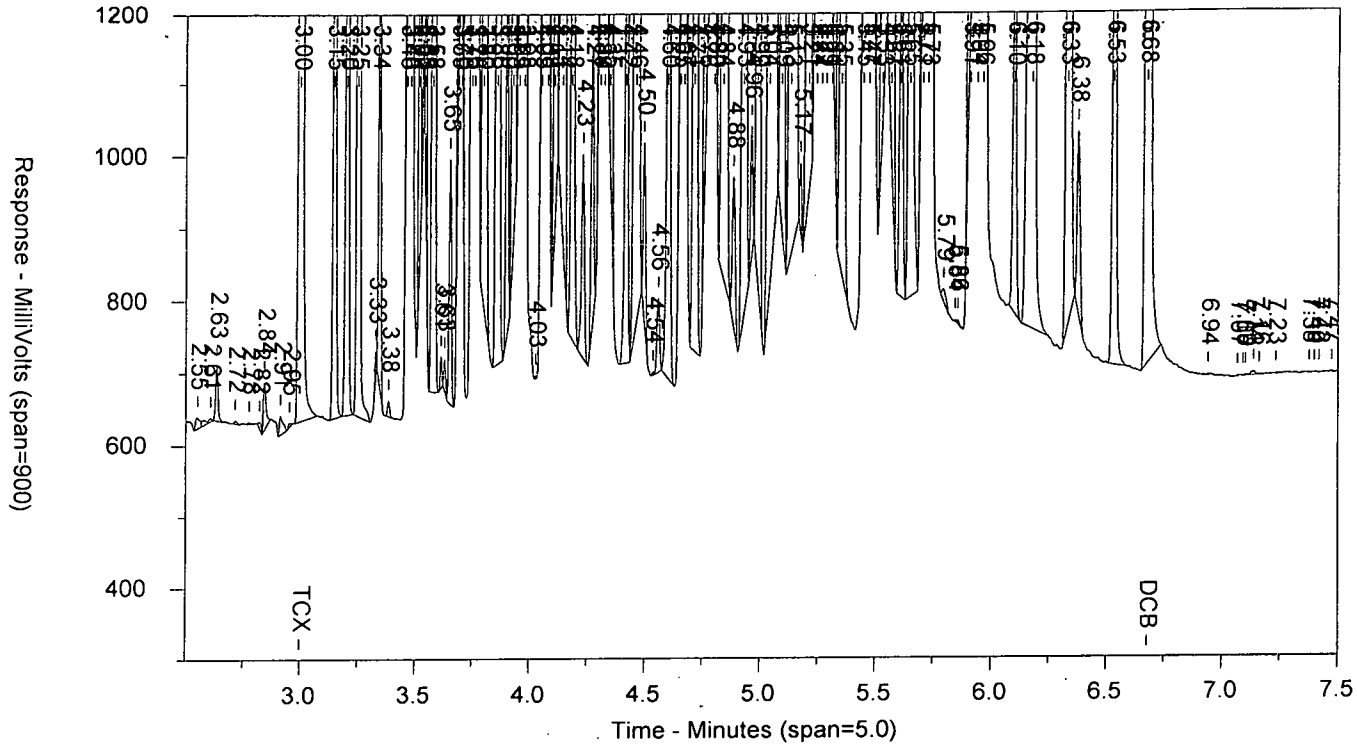


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0012.RAW

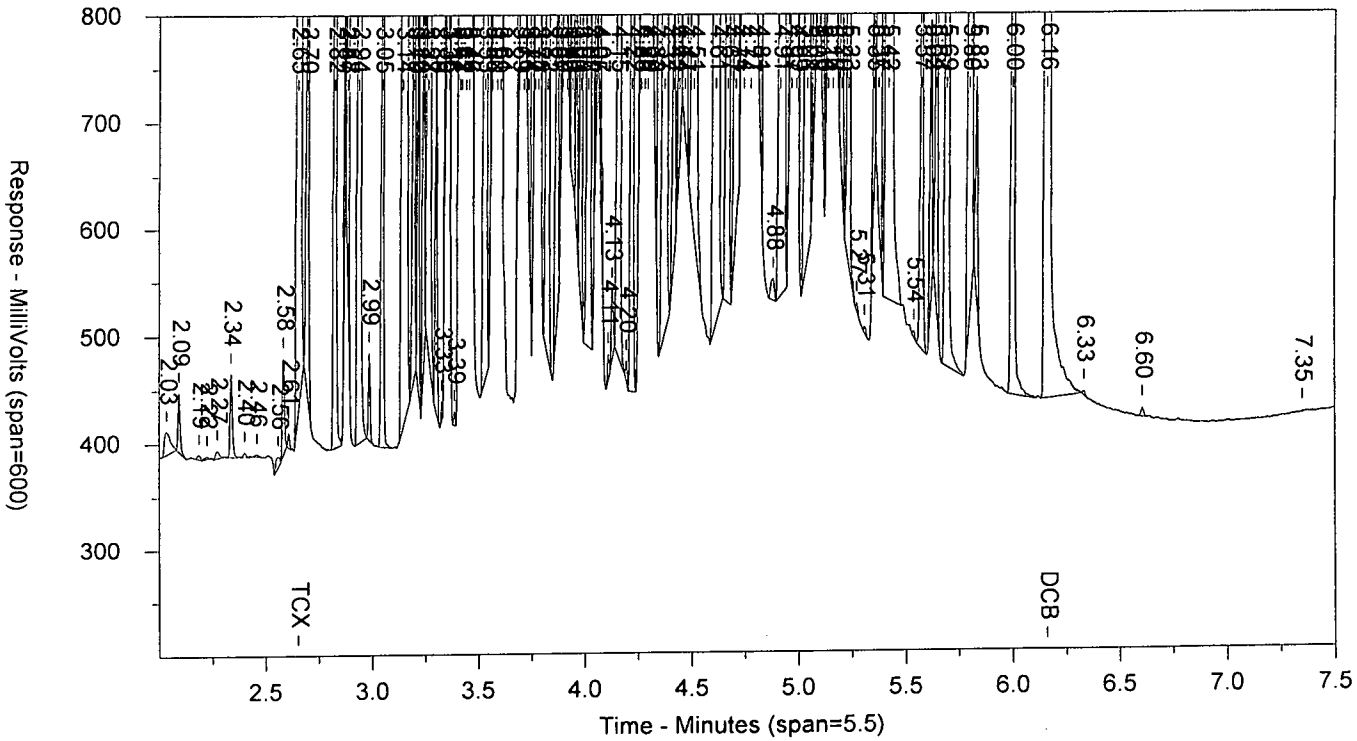


AR1661724A AAAR166AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0012.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0012.RAW



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

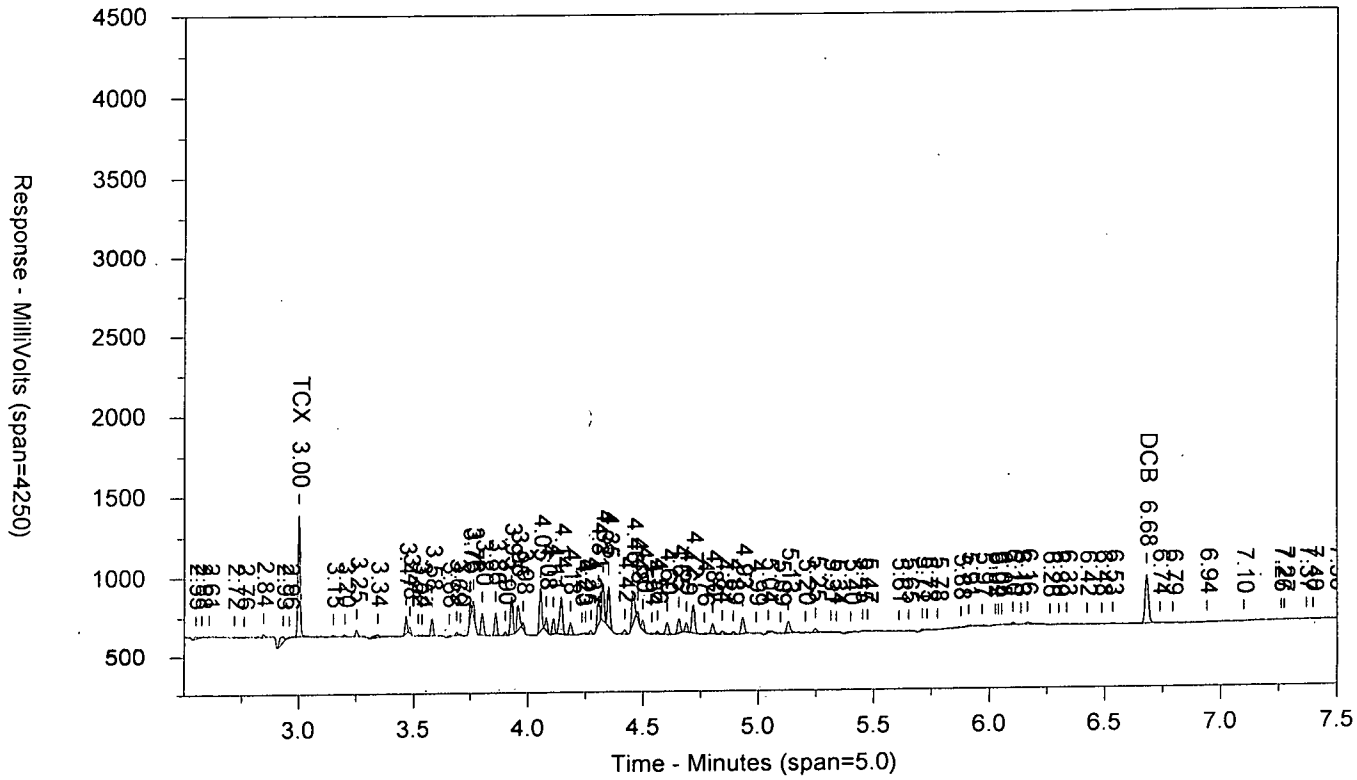
Sample Number: AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:42:31 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

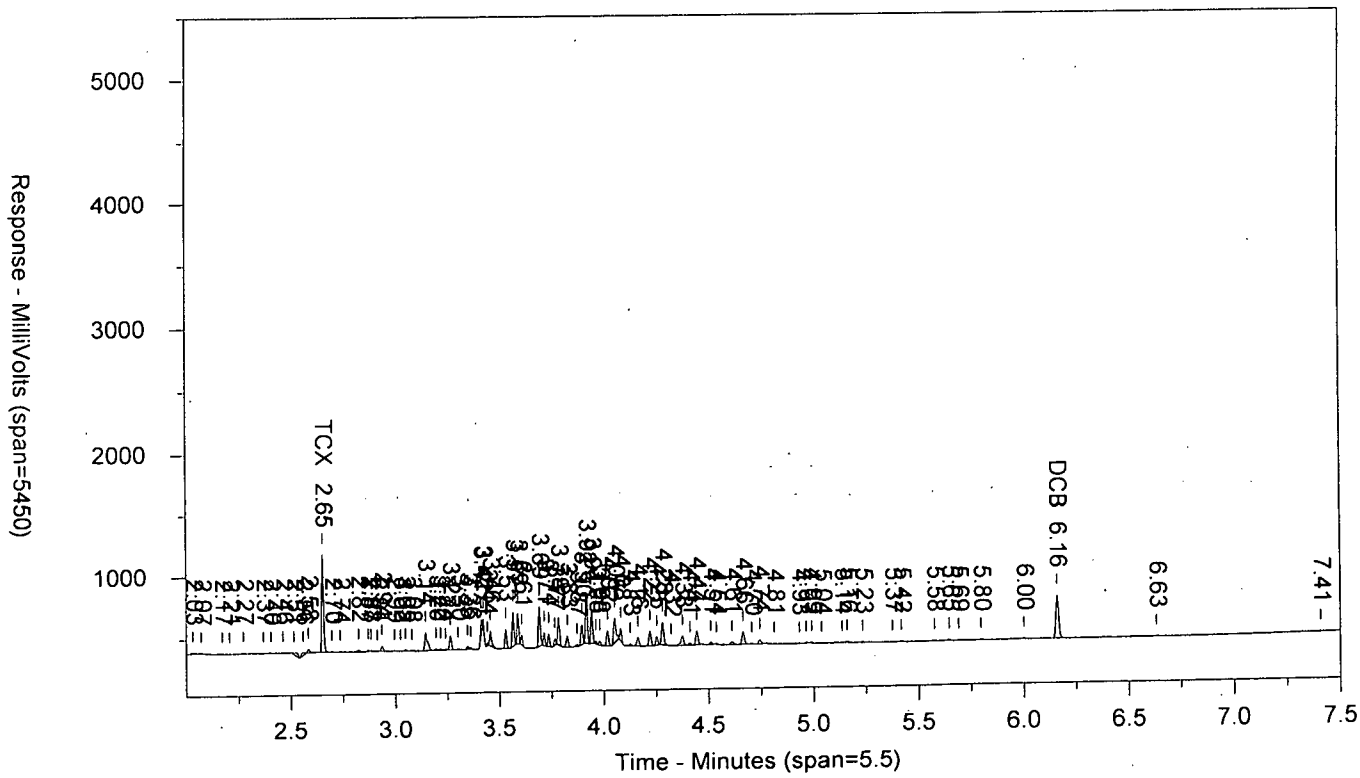
3.943		264026	168243
3.962		25388	11360
3.98		32369	19036
4.018		120936	82562
4.052		195508	159334
4.081		100419	53462
4.127		16357	14489
4.163		68993	52903
4.22		118032	89636
4.254		68793	47045
4.281		182577	135457
4.321		4904	4479
4.375		75881	69994
4.41		18431	14054
4.443		110480	82980
4.511		17645	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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0013.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0013.RAW



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

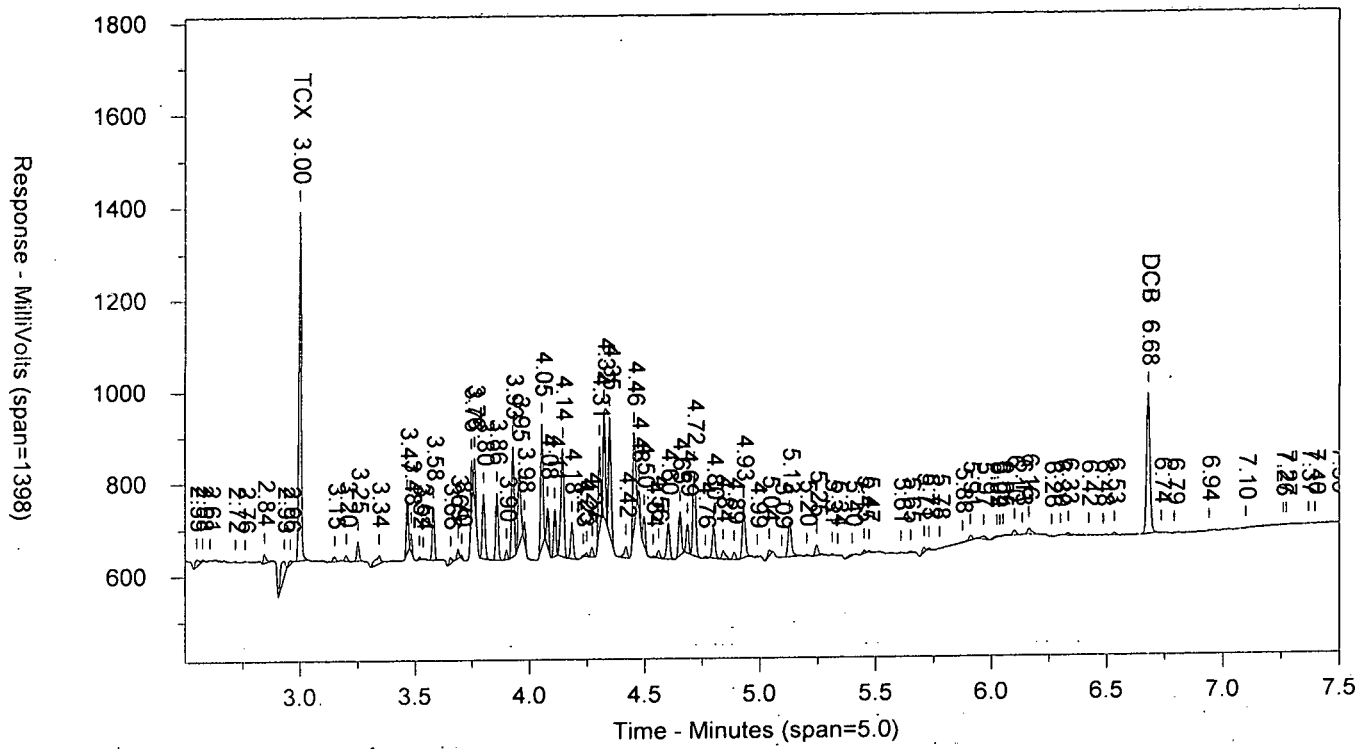
Analyst: 2855

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

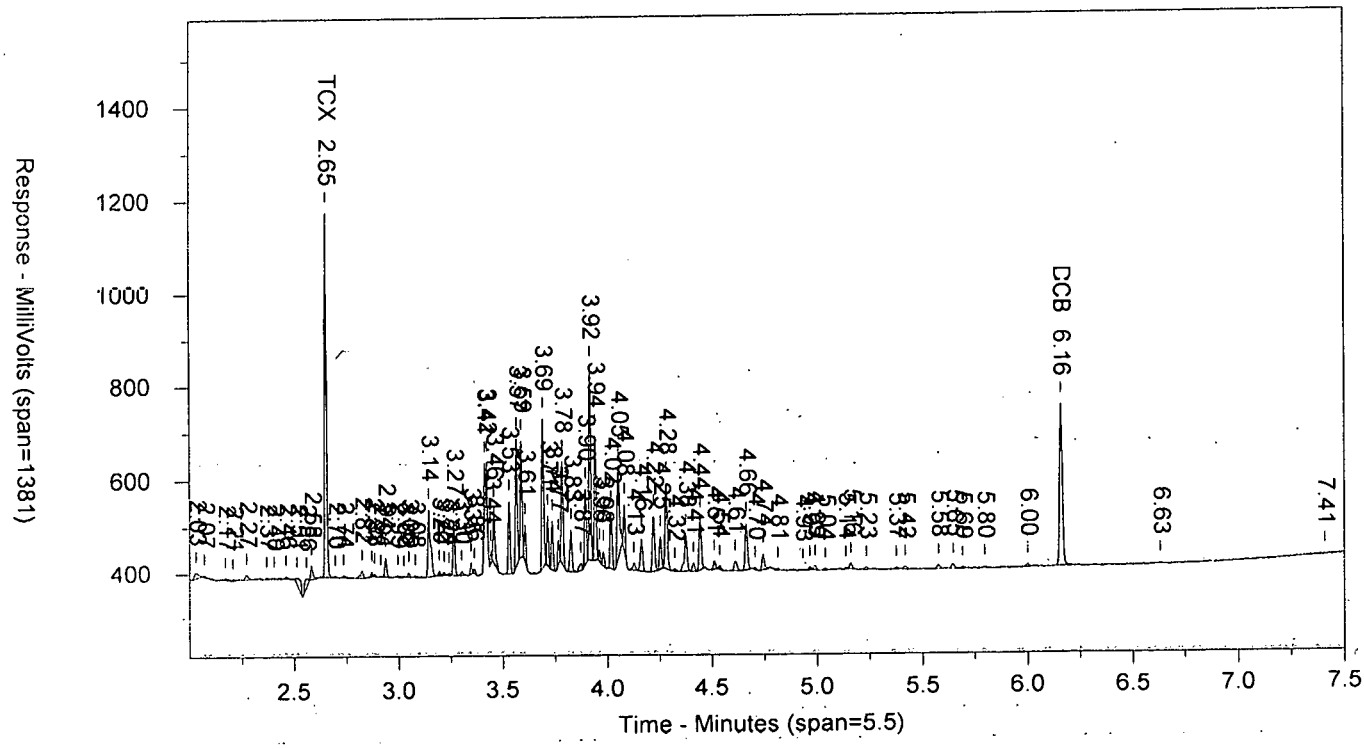
Files:
Area File: 07pcbs17250001.0013.RAW
Area File: 07pcbs17250001B.0013.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 12:51:16 AM
File Reported On: 9/8/2017 at 12:51:22 AM

AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0013.RAW

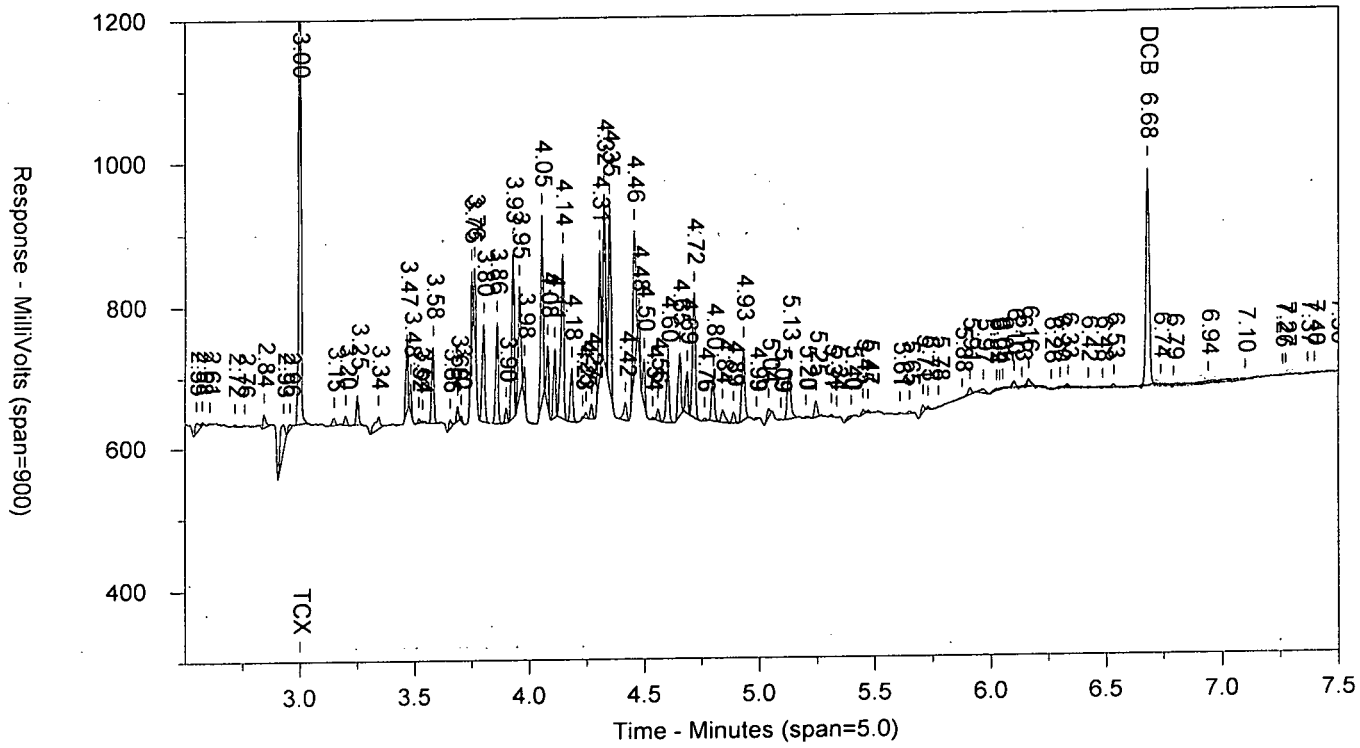


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0013.RAW

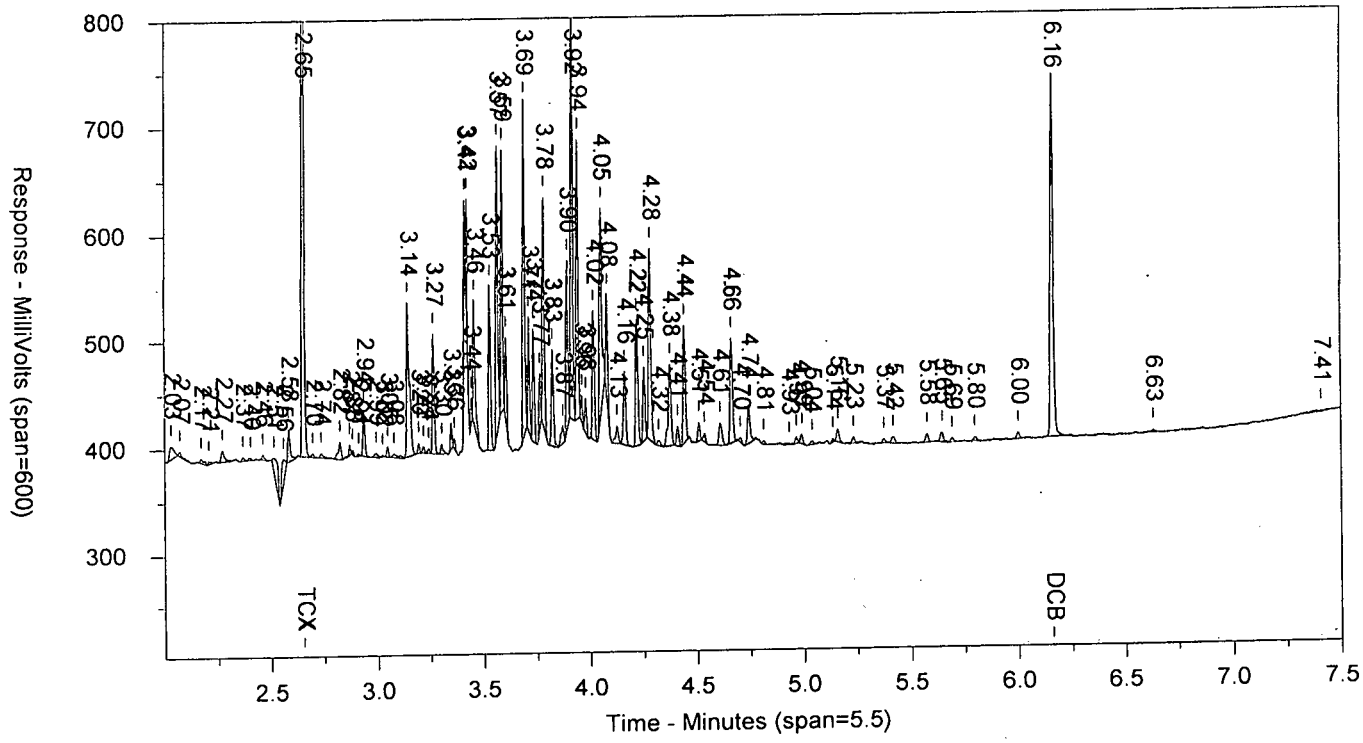


AR4811724C AAAR481AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0013.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0013.RAW



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

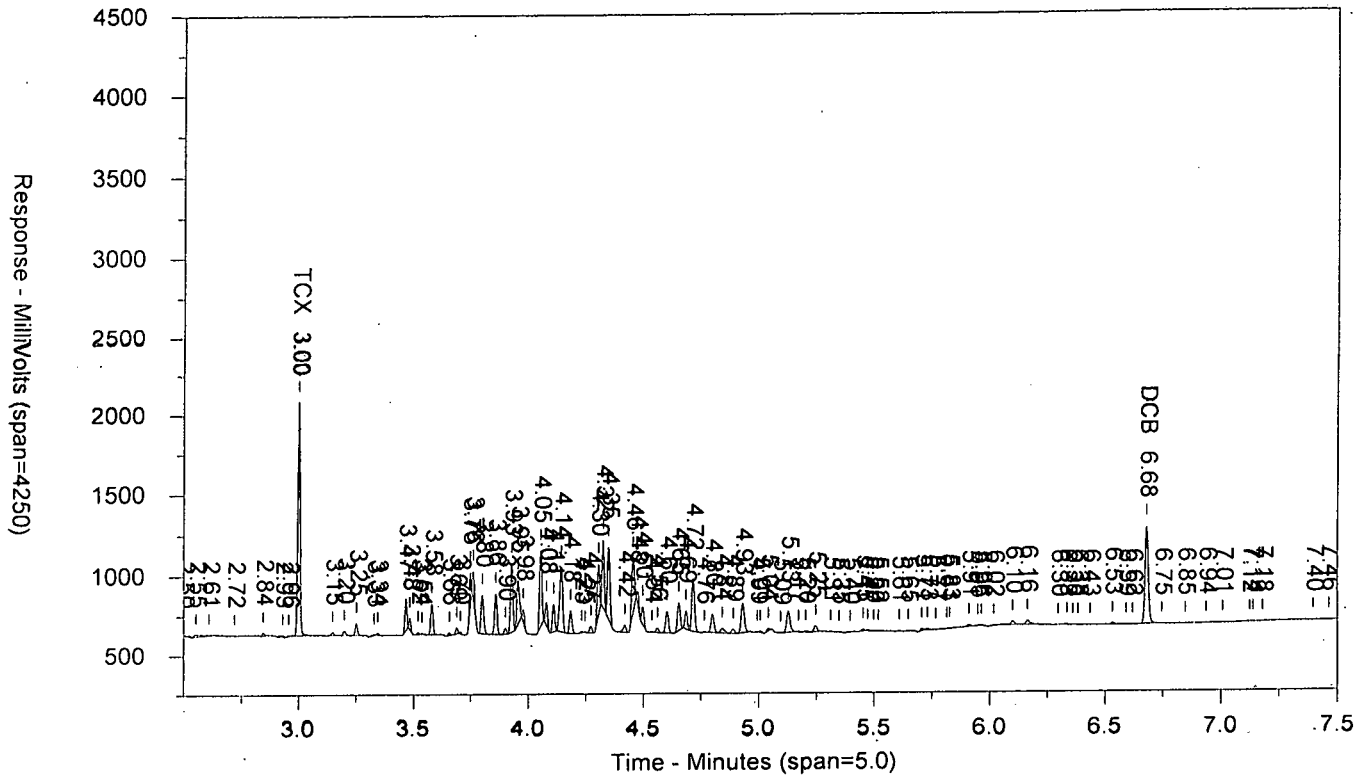
Sample Number: AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 12:53:58 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

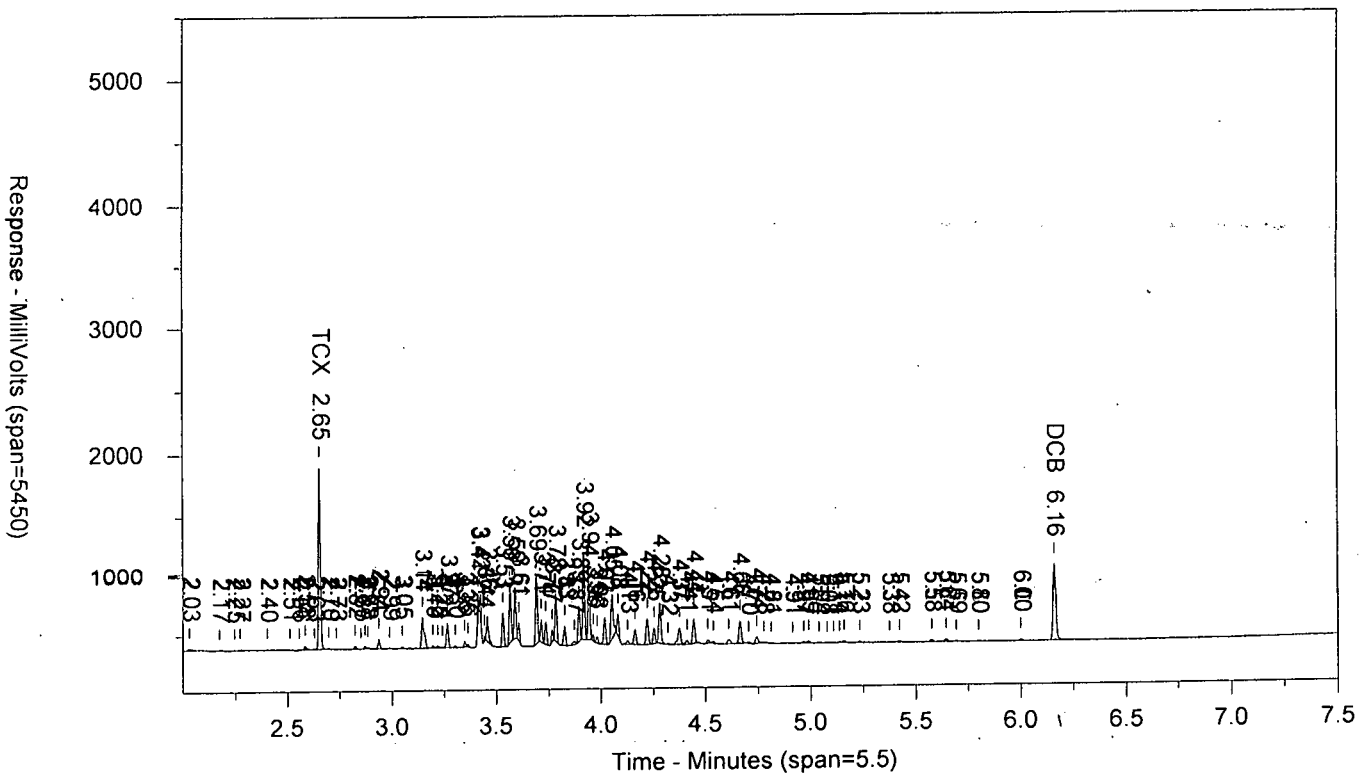
4.08		175373	96172
4.127		28099	22857
4.163		125449	96399
4.22		208321	161265
4.253		126308	86874
4.281		329864	241994
4.32		6617	5896
4.375		134710	125039
4.41		31423	23486
4.443		199237	146659
4.511		28713	18969
4.536		14885	10122
4.61		34503	34620
4.663		181982	145917
4.704		8935	7656
4.742		52763	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0014.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0014.RAW



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

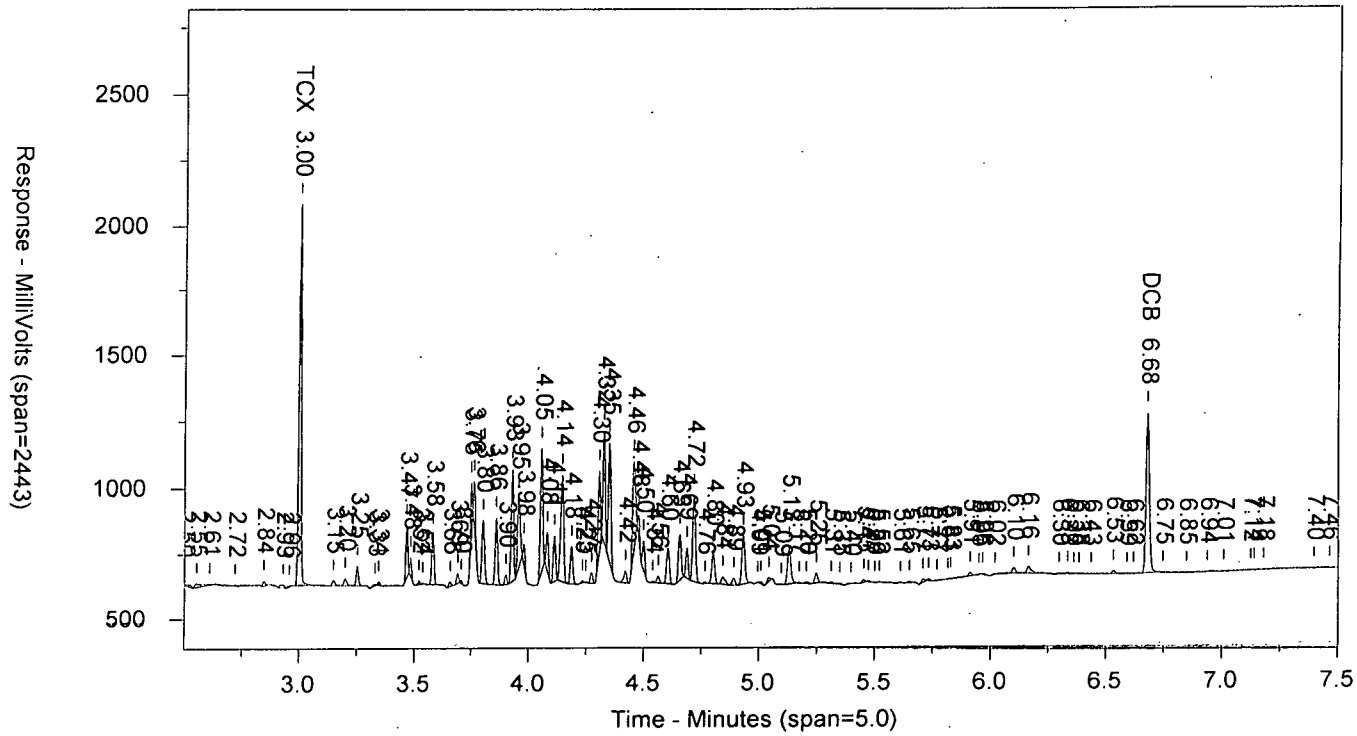
Analyst: 2855

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

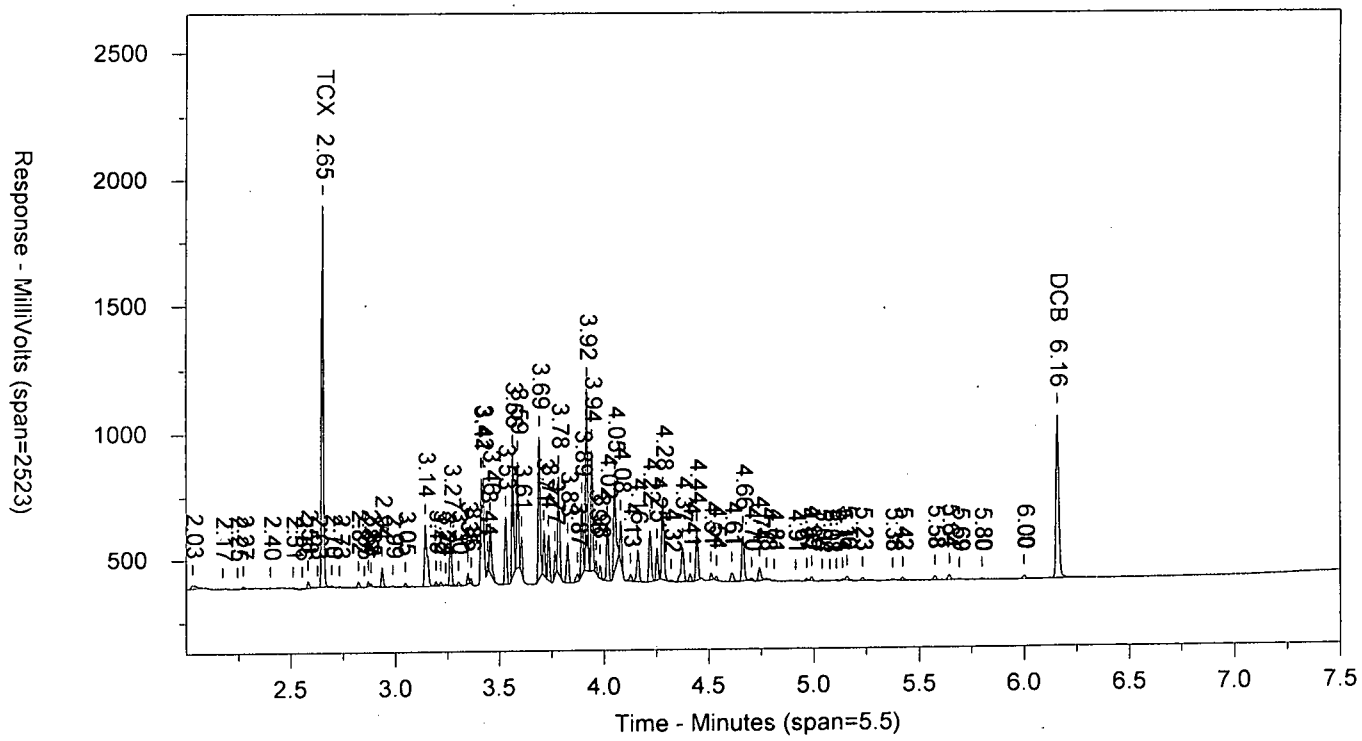
Files:
Area File: 07pcbs17250001.0014.RAW
Area File: 07pcbs17250001B.0014.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:02:43 AM
File Reported On: 9/8/2017 at 1:02:58 AM

AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0014.RAW

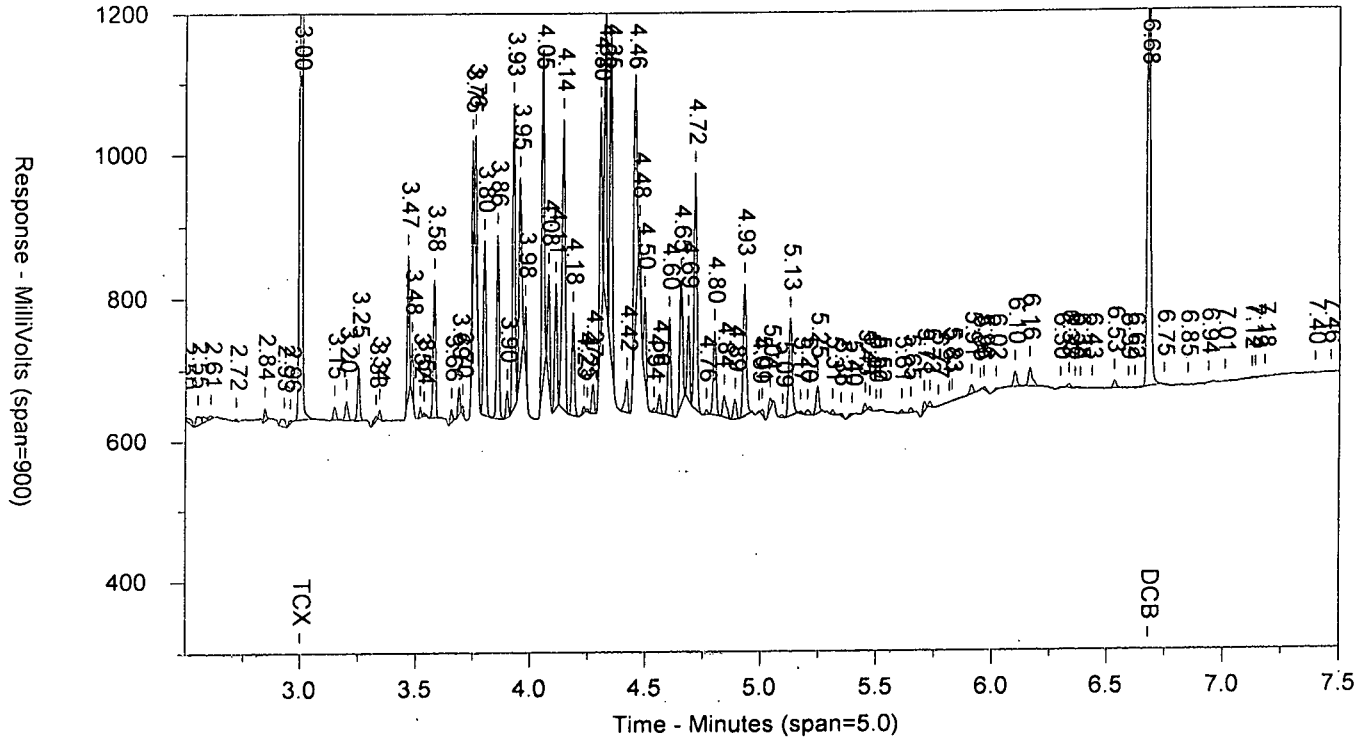


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0014.RAW

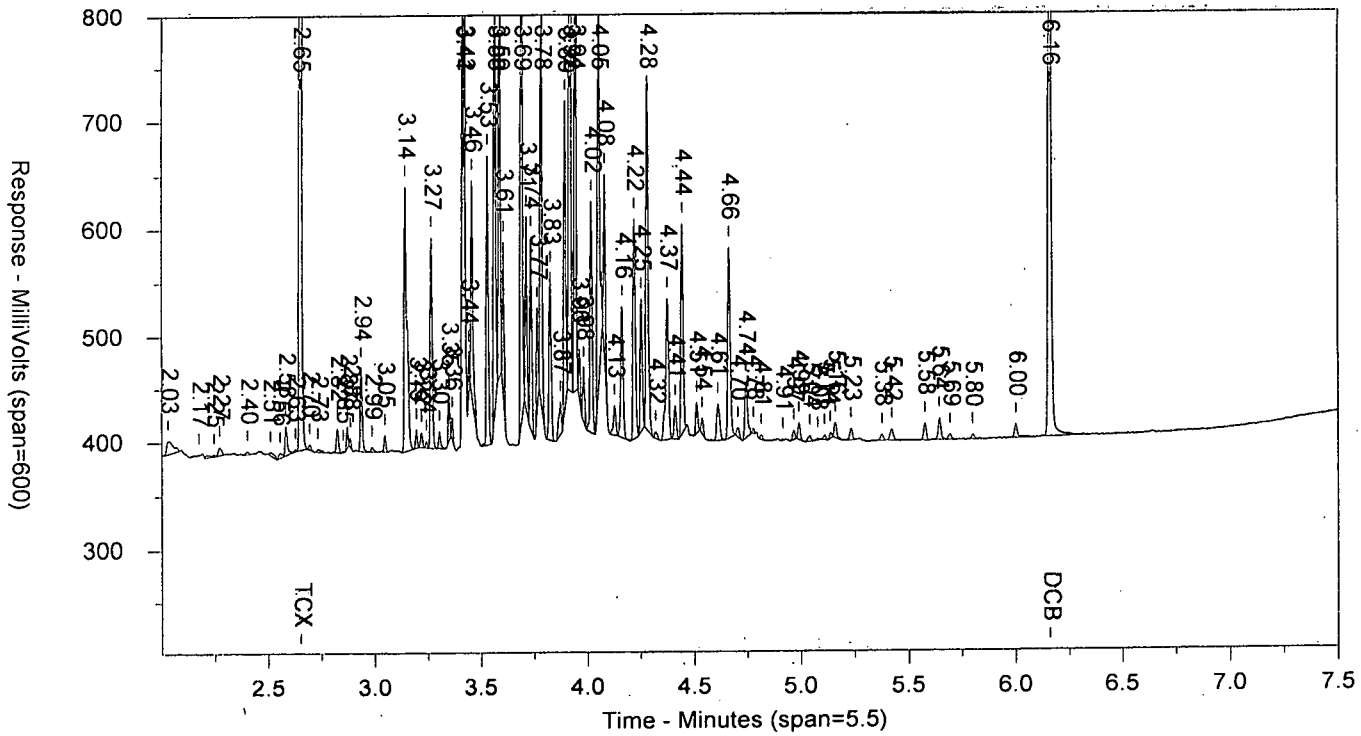


AR4821724C AAAR482AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0014.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0014.RAW



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

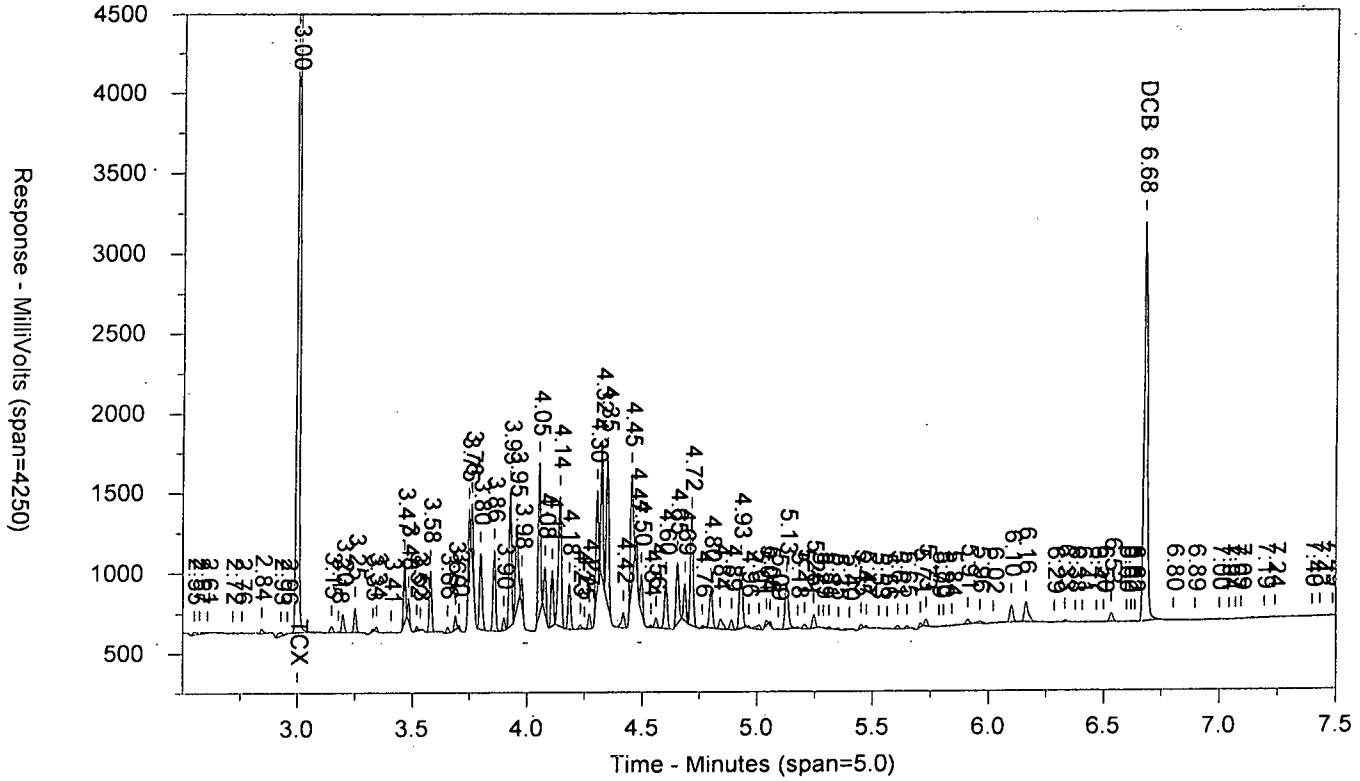
Sample Number: AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:05:25 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

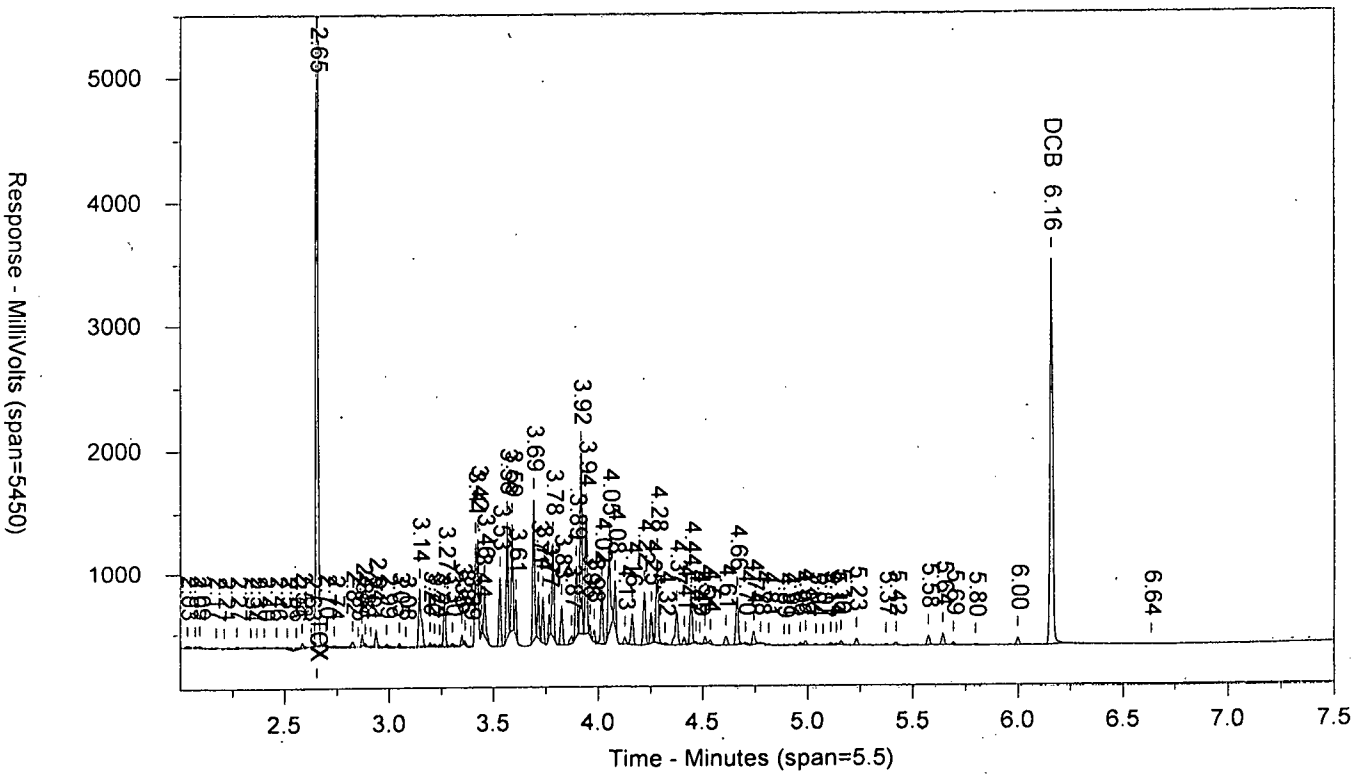
3.783		770118	486101
3.825		325541	229077
3.873		62324	54156
3.895		584779	363289
3.918		1466791	951701
3.942		975422	625227
3.961		88108	43211
3.981		100044	56895
4.017		446271	315797
4.052		736835	584350
4.08		374115	209347
4.127		61016	43123
4.163		255970	195938
4.22		437613	328741
4.253		253758	179574
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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0015.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0015.RAW



LANCASTER LABORATORIES

Sample Number: AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:05:25 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

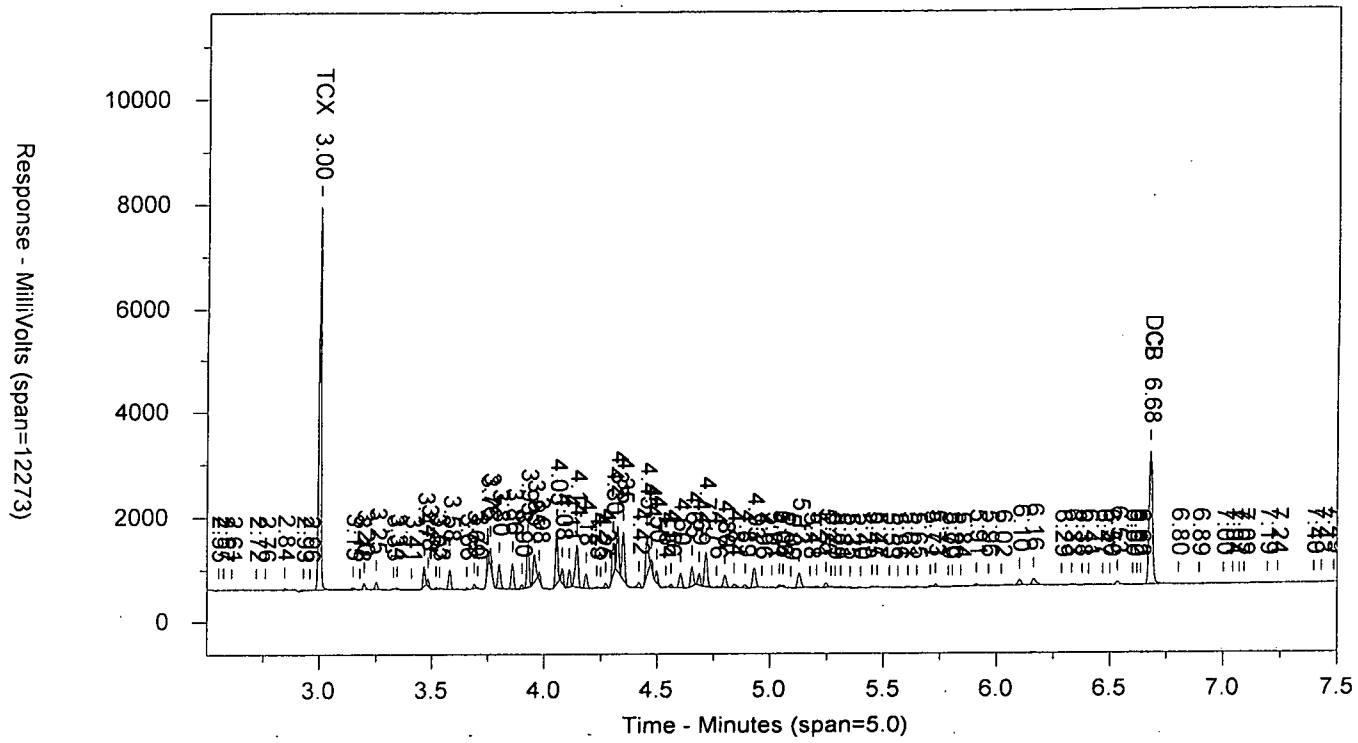
Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7336827	19.384	TCX	2.653	7800922	20.073	TCX
6.678	2490478	18.451	DCB	6.158	3121701	19.596	DCB

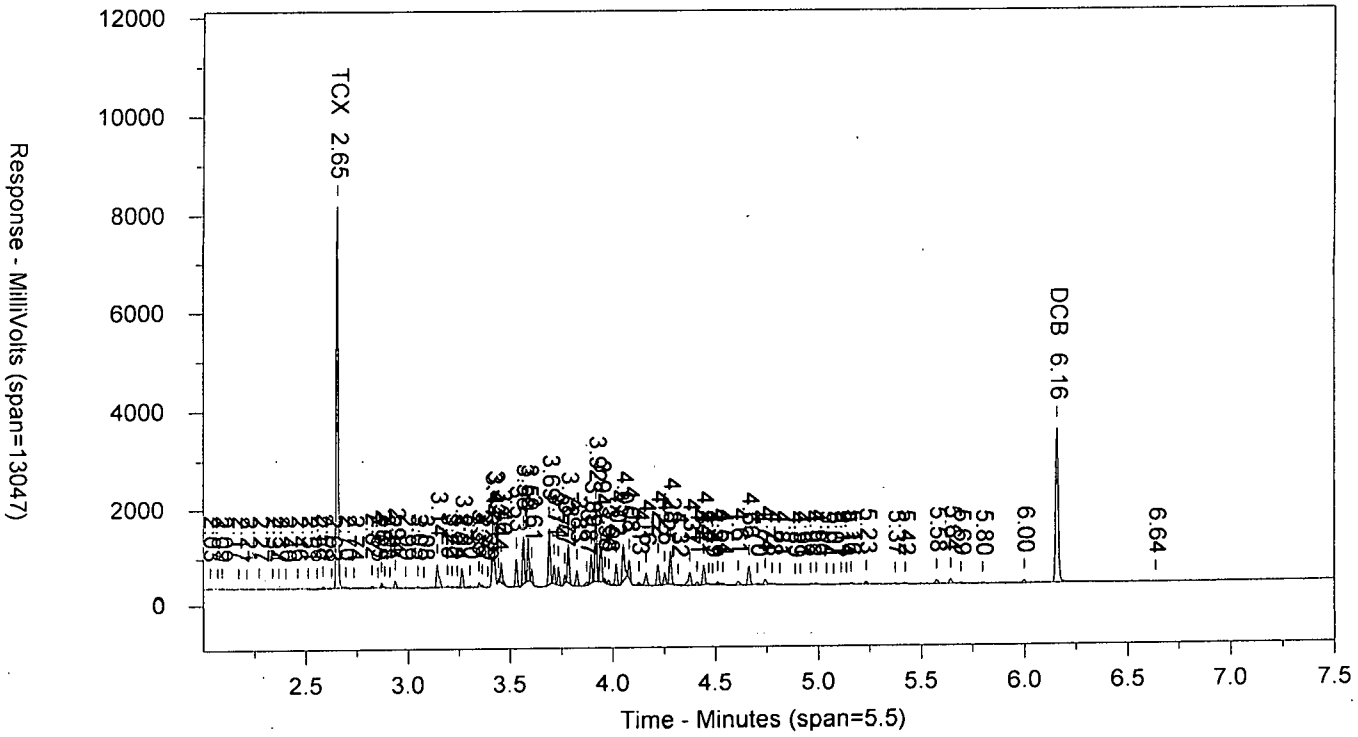
Files:
Area File: 07pcbs17250001.0015.RAW
Area File: 07pcbs17250001B.0015.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:14:08 AM
File Reported On: 9/8/2017 at 1:14:16 AM

AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0015.RAW

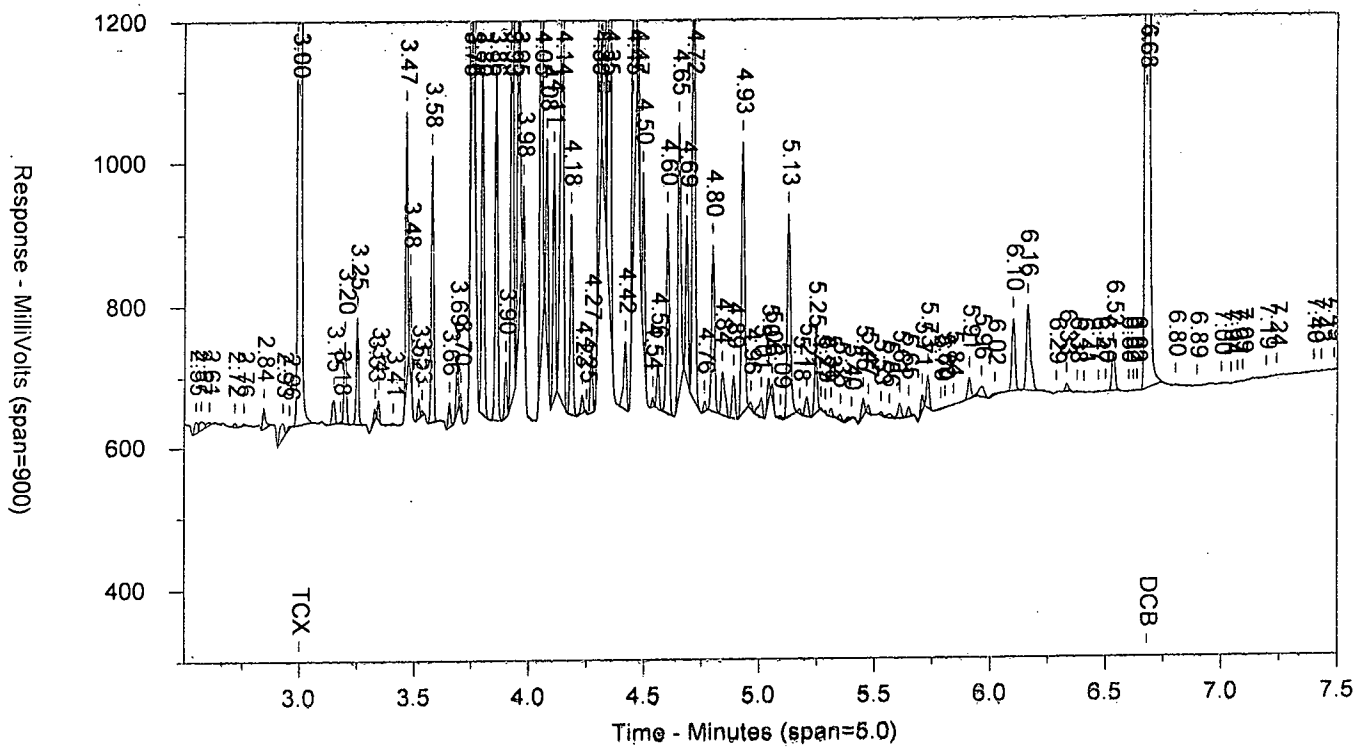


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0015.RAW

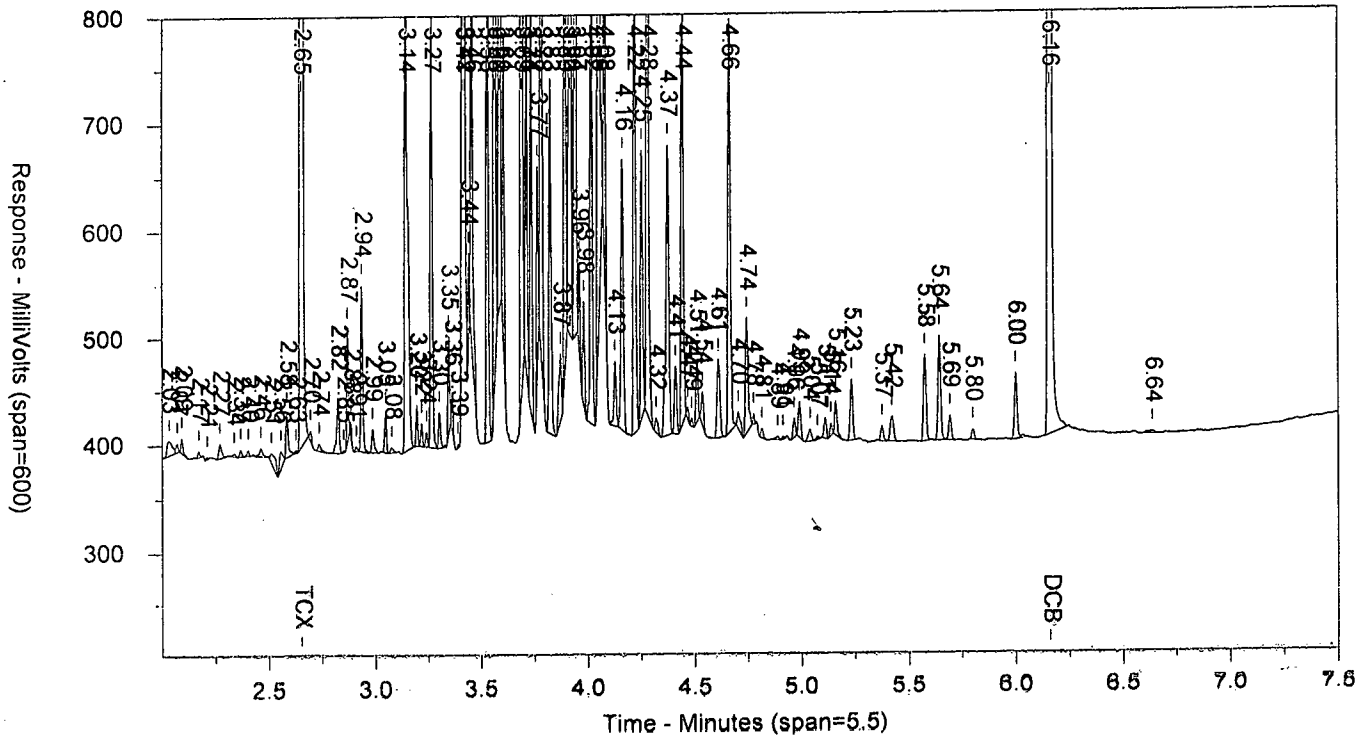


AR4831724C AAAR483AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0015.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0015.RAW



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

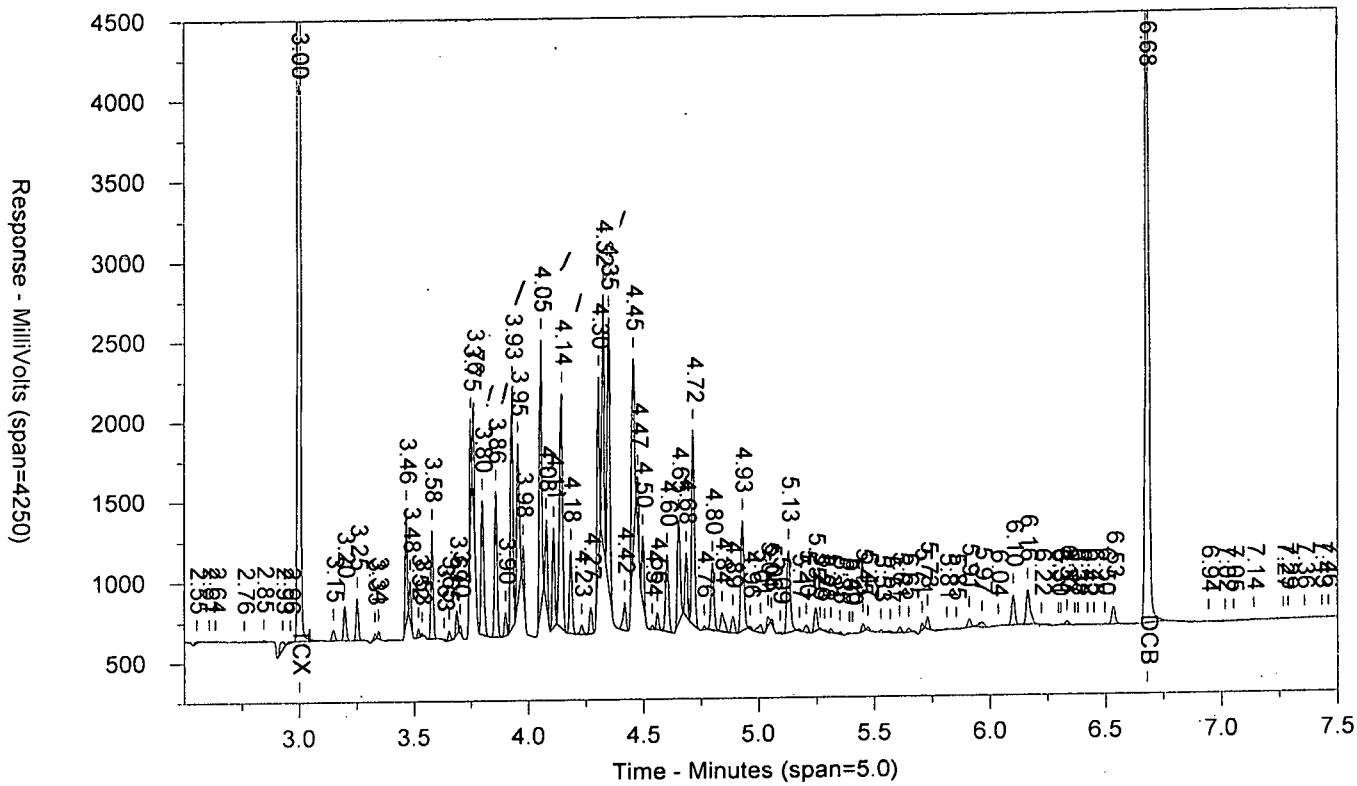
Sample Number: AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:16:52 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

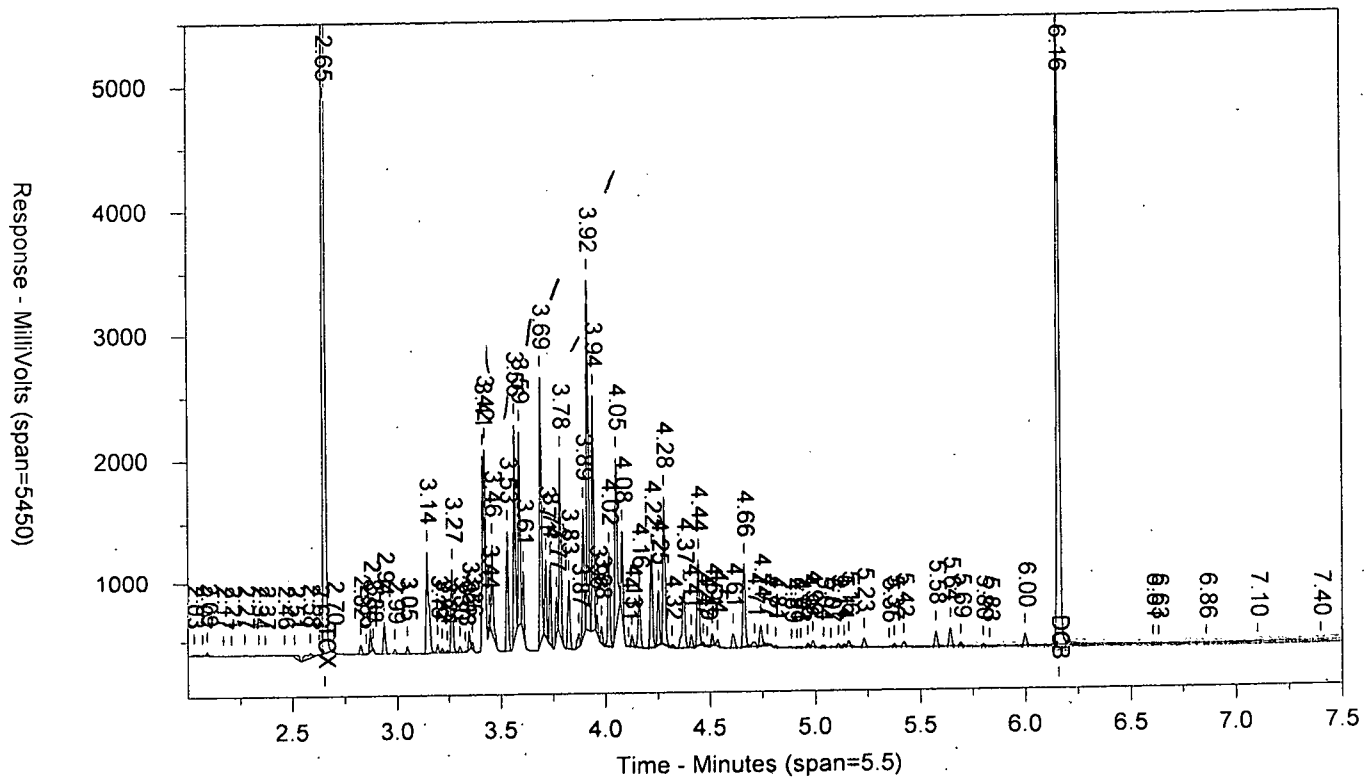
3.917		2851387	1767933
3.942		1904476	1167764
3.961		161209	78741
3.981		158155	91790
4.017		799368	567297
4.052		1373874	1071070
4.08		707315	388472
4.111		2530	1066
4.127		108096	72093
4.162		456075	349654
4.22		796333	604777
4.253		466142	326158
4.28		1225742	899136
4.319		26206	24679
4.374		499193	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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0016.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0016.RAW



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

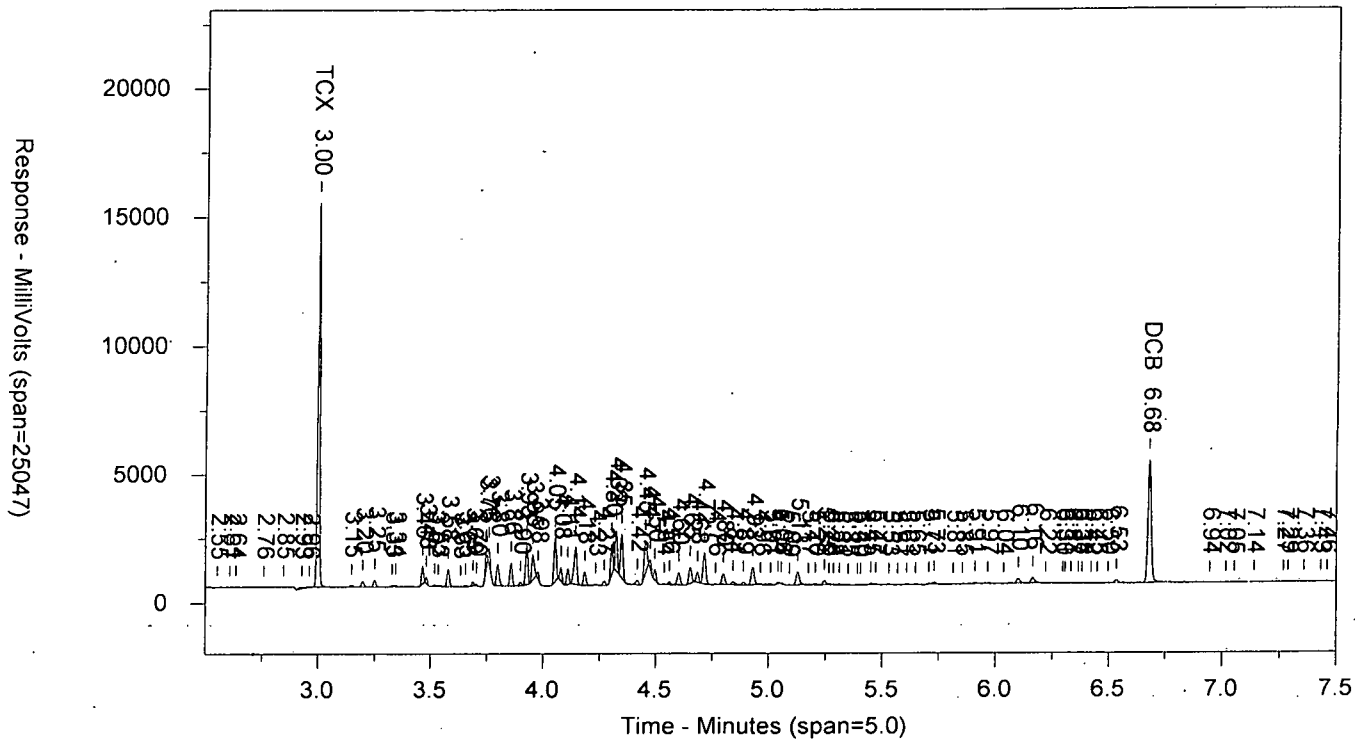
Analyst: 2855

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

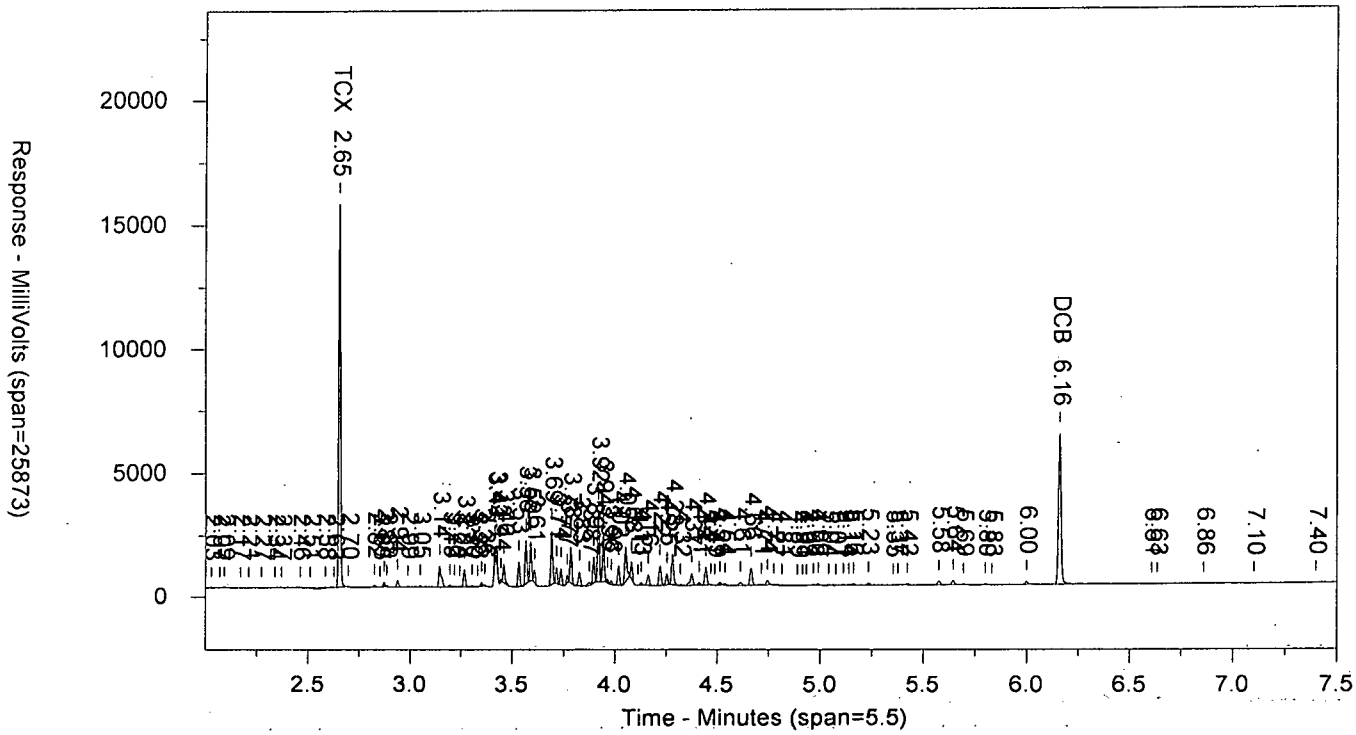
Files:
Area File: 07pcbs17250001.0016.RAW
Area File: 07pcbs17250001B.0016.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:25:37 AM
File Reported On: 9/8/2017 at 1:25:44 AM

AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0016.RAW

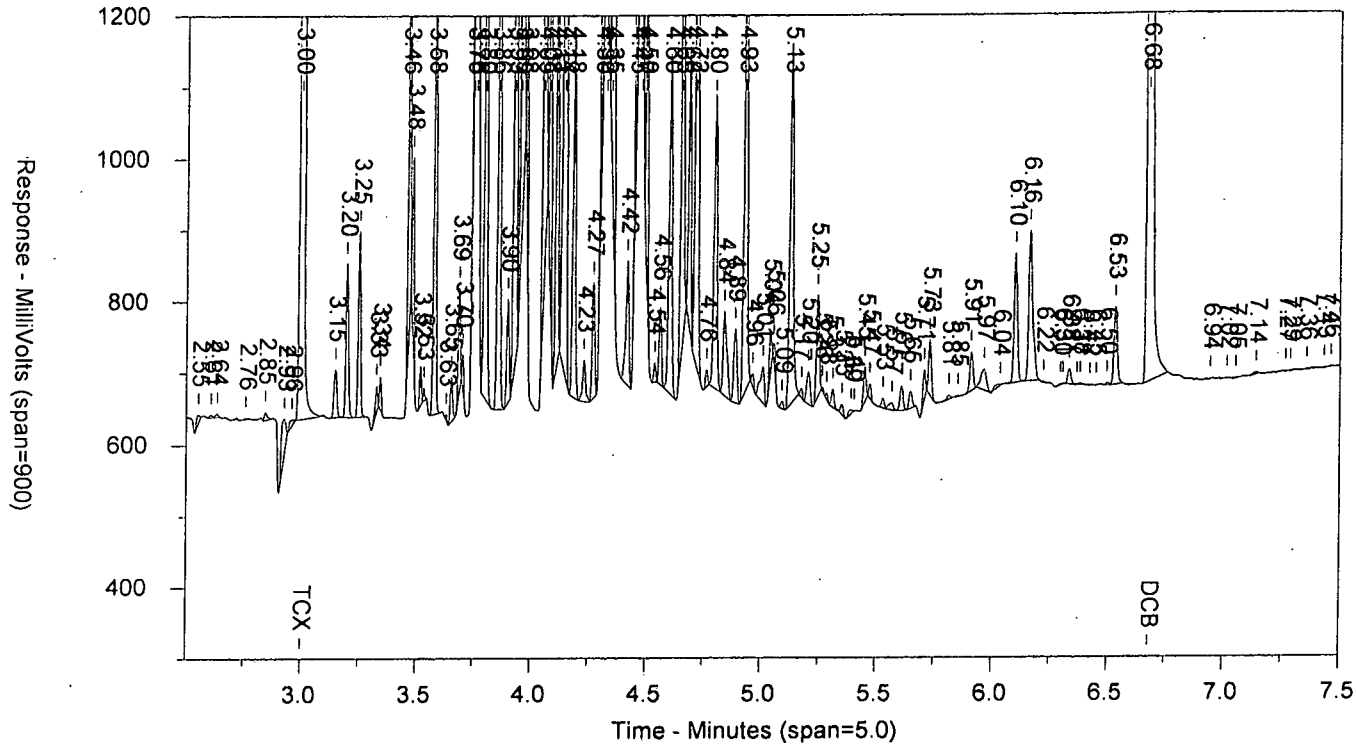


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0016.RAW

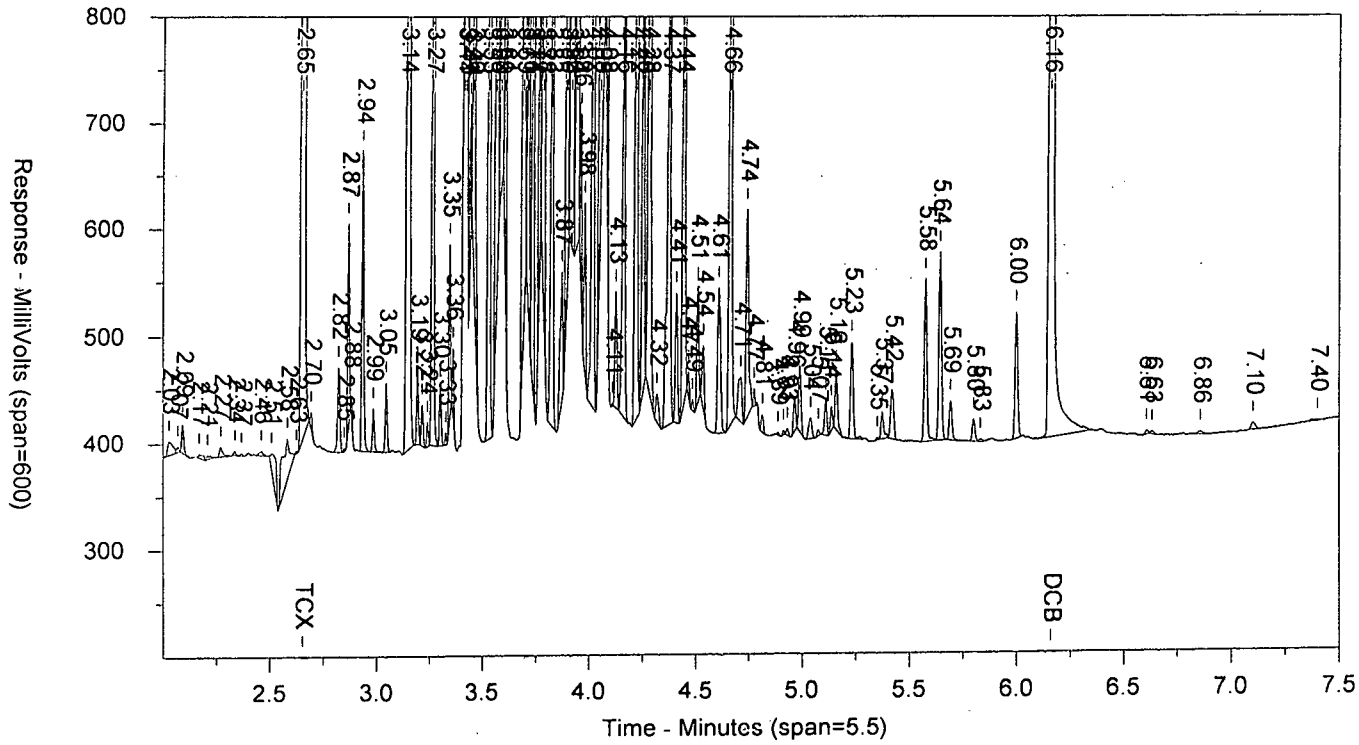


AR4841724C AAAR484AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0016.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0016.RAW



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

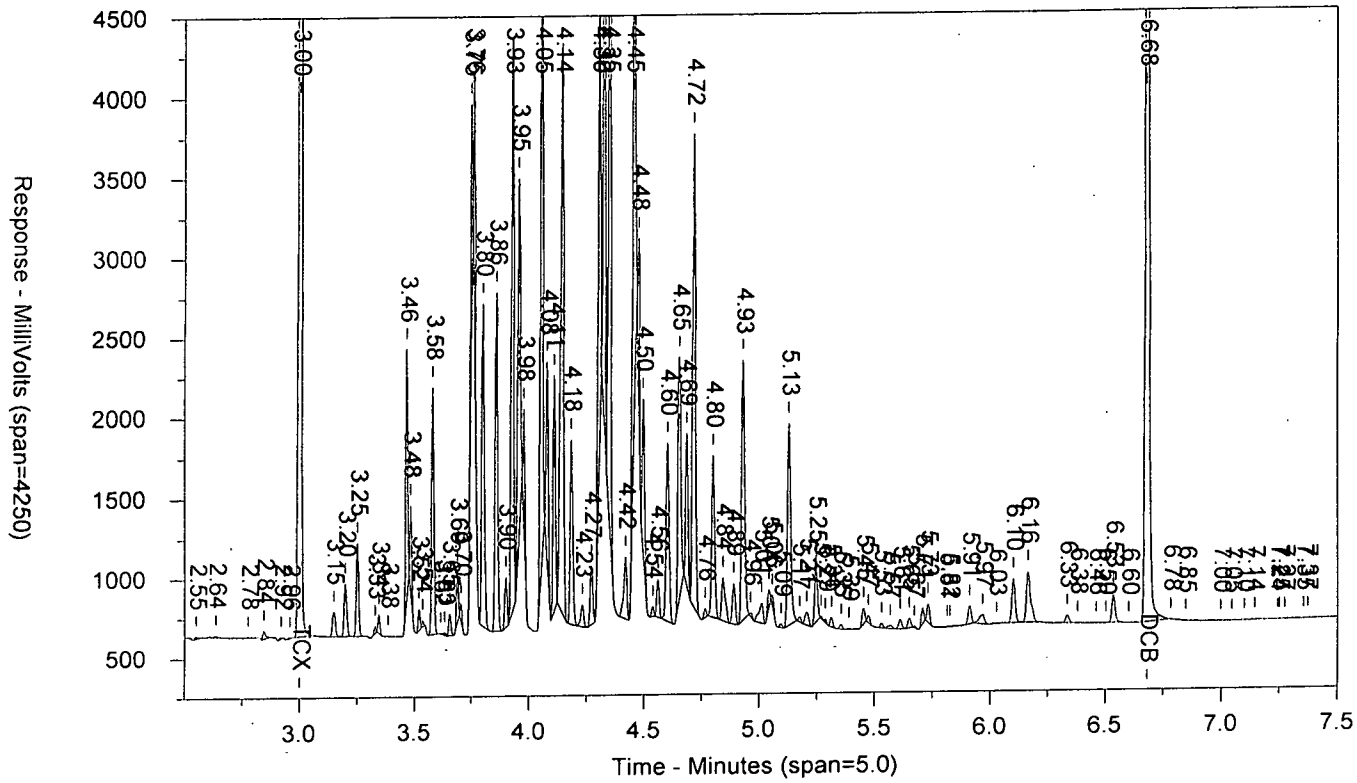
Sample Number: AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:28:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

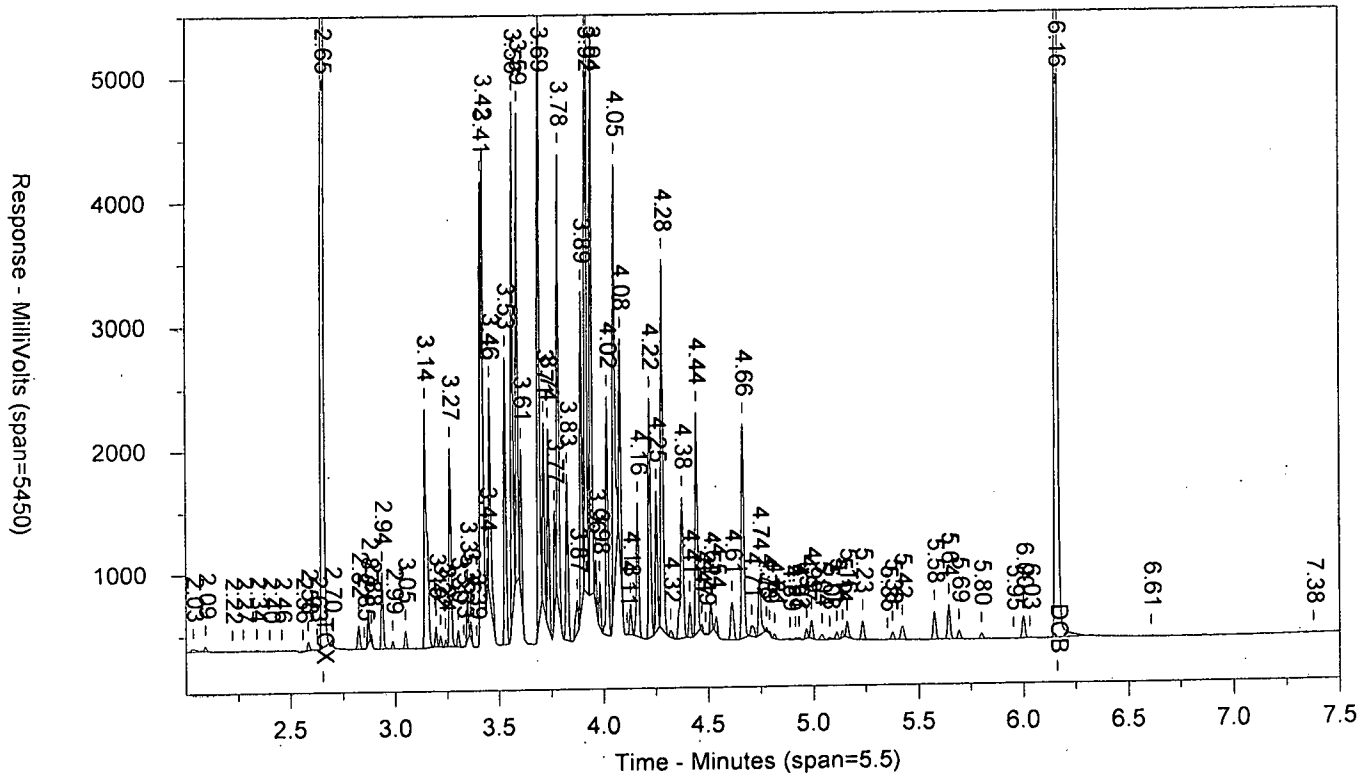
4.053		3408929	2592026
4.081		1791081	1004386
4.11		8917	3219
4.128		247576	165278
4.163		1095152	805846
4.22		1954883	1439029
4.253		1151181	774834
4.281		2993548	2152563
4.32		57502	55759
4.375		1156103	1085491
4.411		282240	204965
4.444		1803486	1296302
4.467		56580	29282
4.486		14615	7611
4.511		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0017.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0017.RAW



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

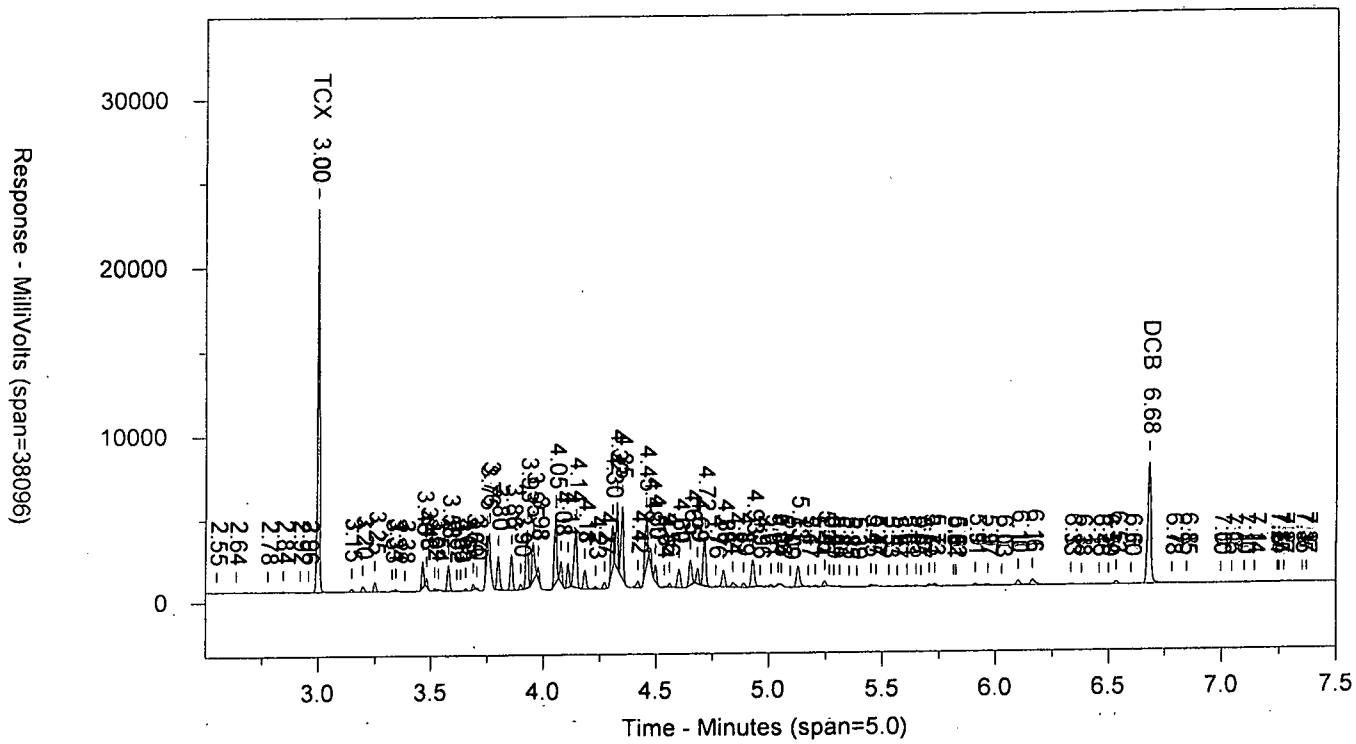
Analyst: 2855

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

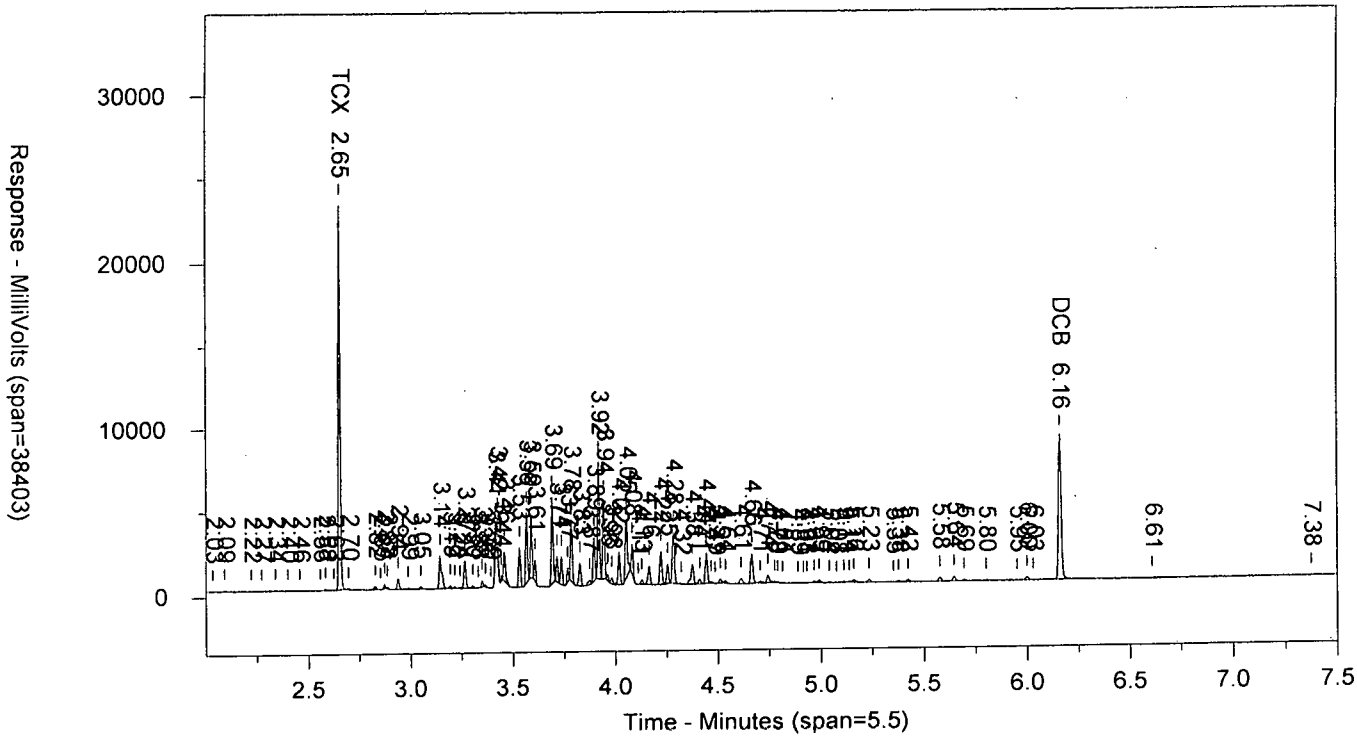
Files:
Area File: 07pcbs17250001.0017.RAW
Area File: 07pcbs17250001B.0017.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:37:05 AM
File Reported On: 9/8/2017 at 1:37:16 AM

AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0017.RAW

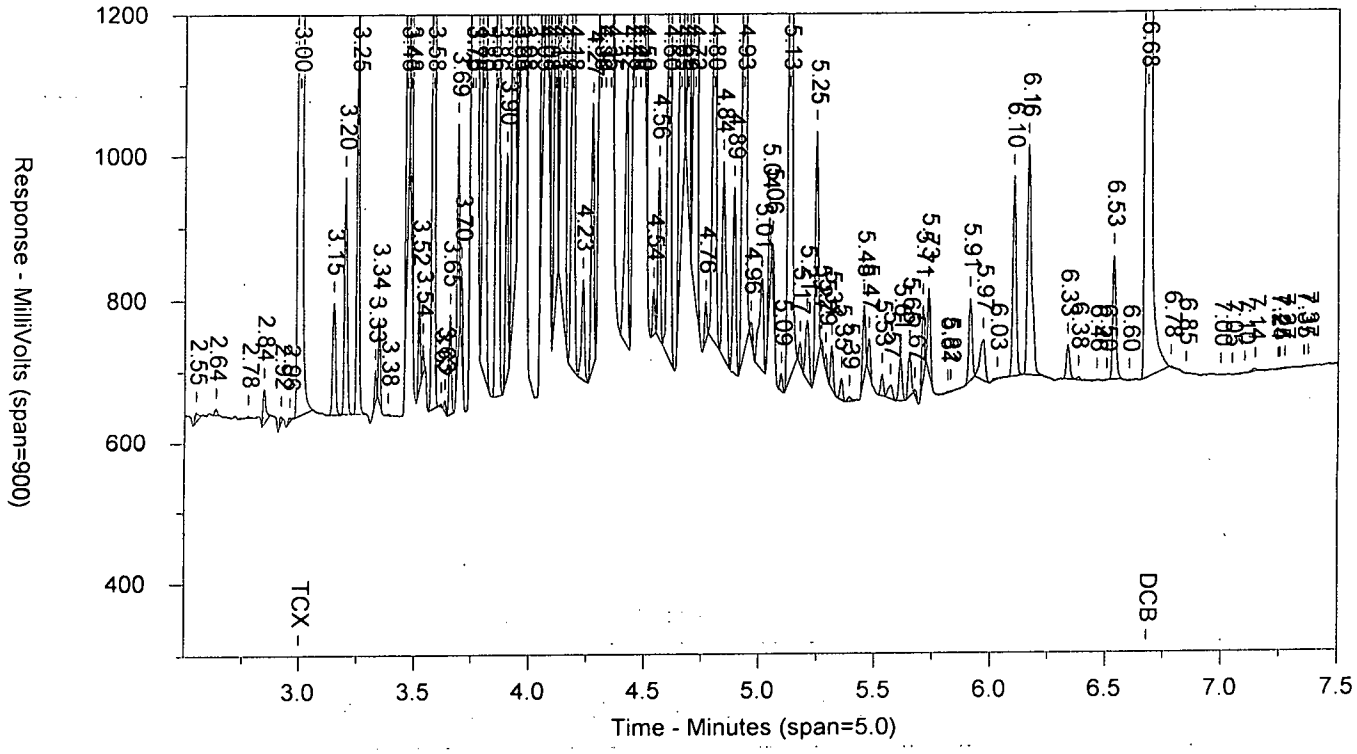


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0017.RAW

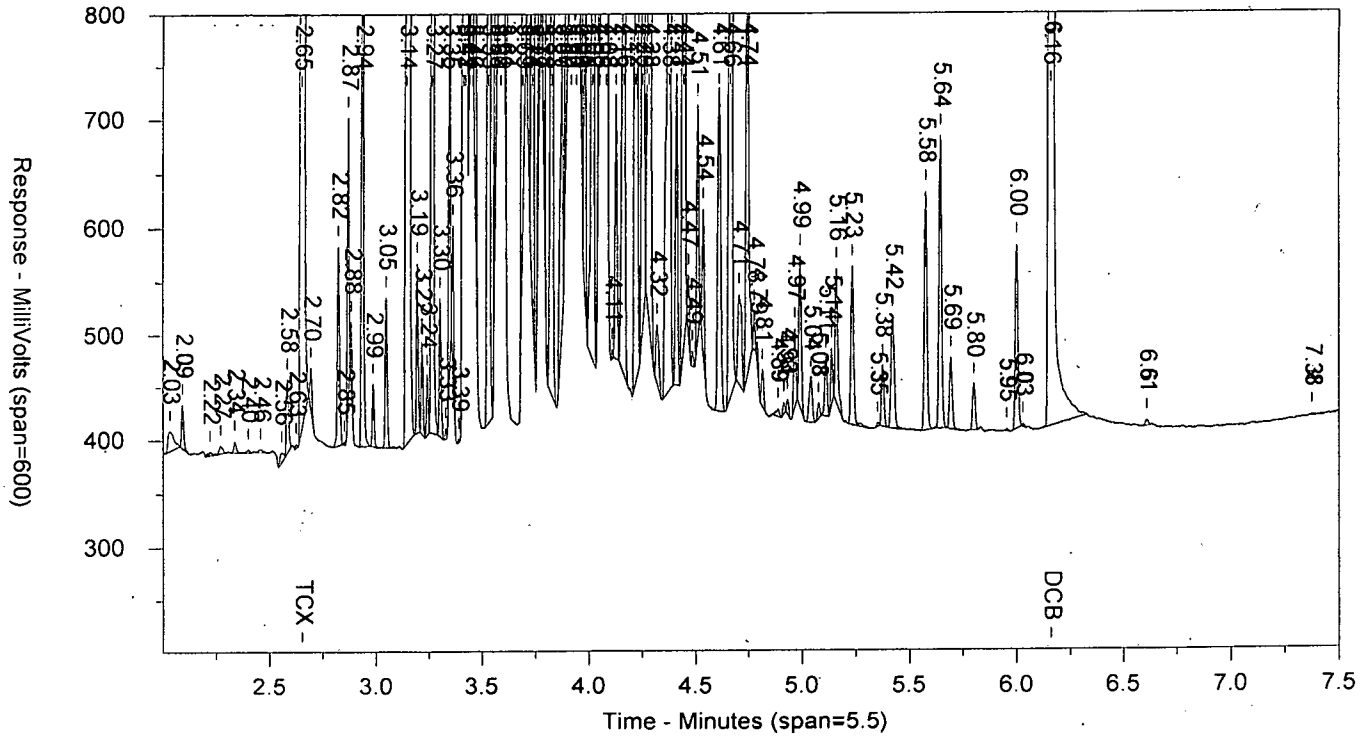


AR4851724C AAAR485AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0017.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0017.RAW



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

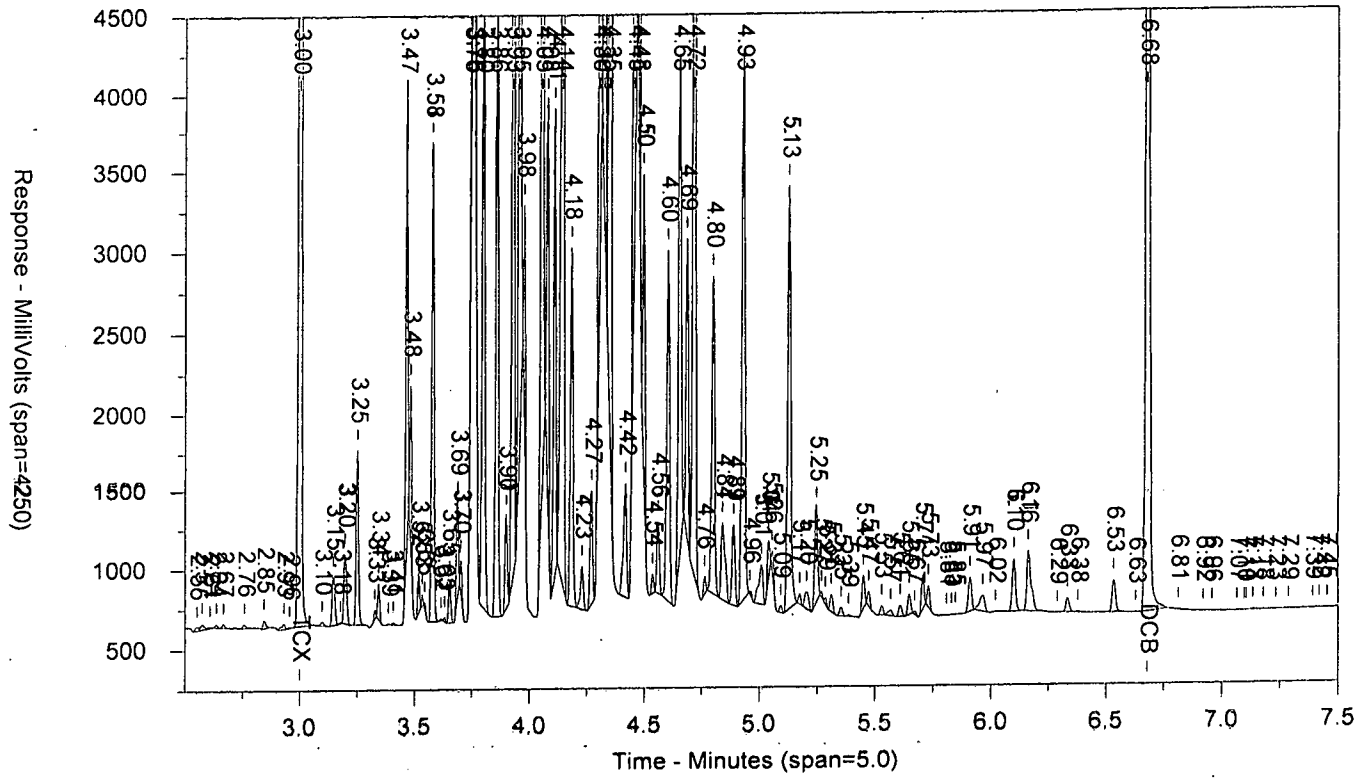
Sample Number: AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:39:49 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

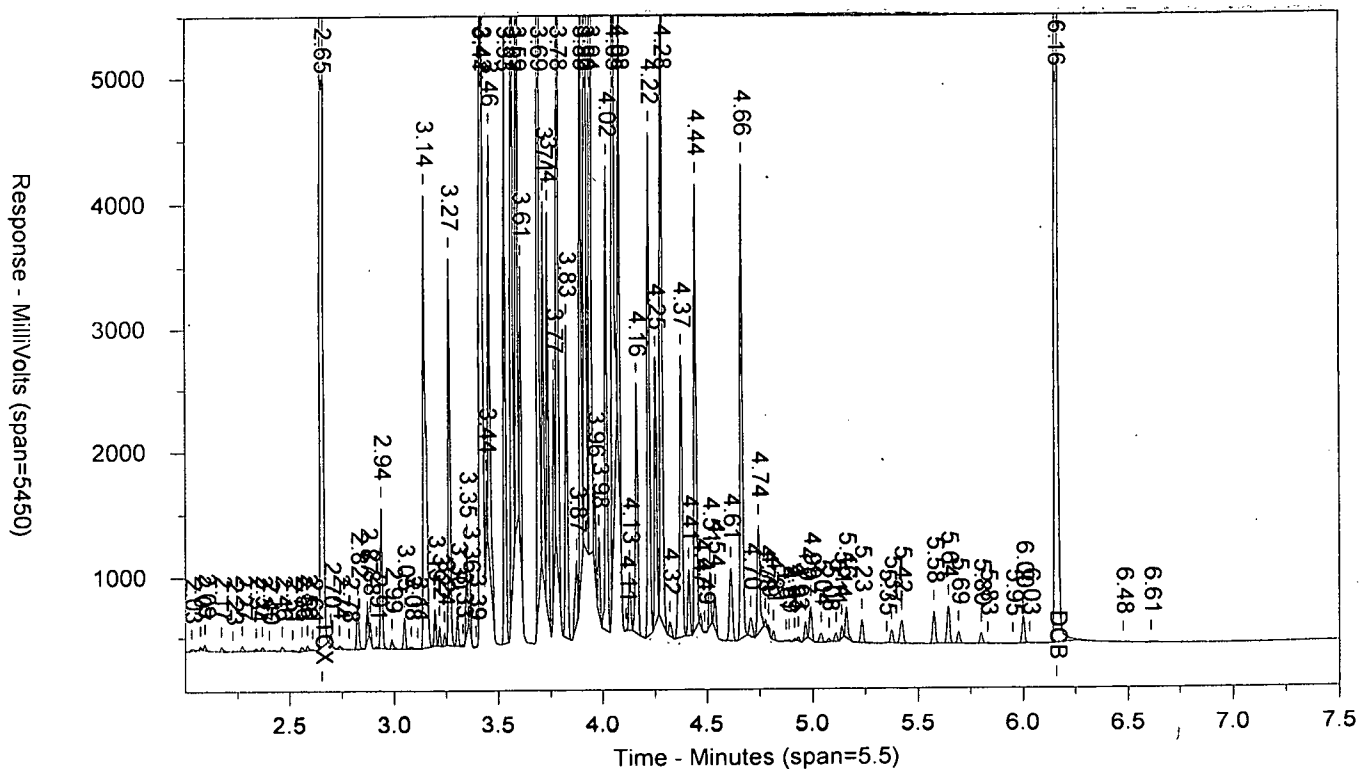
3.606		2372650	1178278
3.691		9913679	6269644
3.715		3060602	1652367
3.736		3251523	1879043
3.766		1554618	808512
3.784		7213186	4279642
3.826		2535441	1815562
3.874		504155	426609
3.895		5098253	3068772
3.918		13655940	8547686
3.942		9328788	5794567
3.962		703460	346478
3.981		632444	369067
4.017		3746953	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0018.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0018.RAW



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

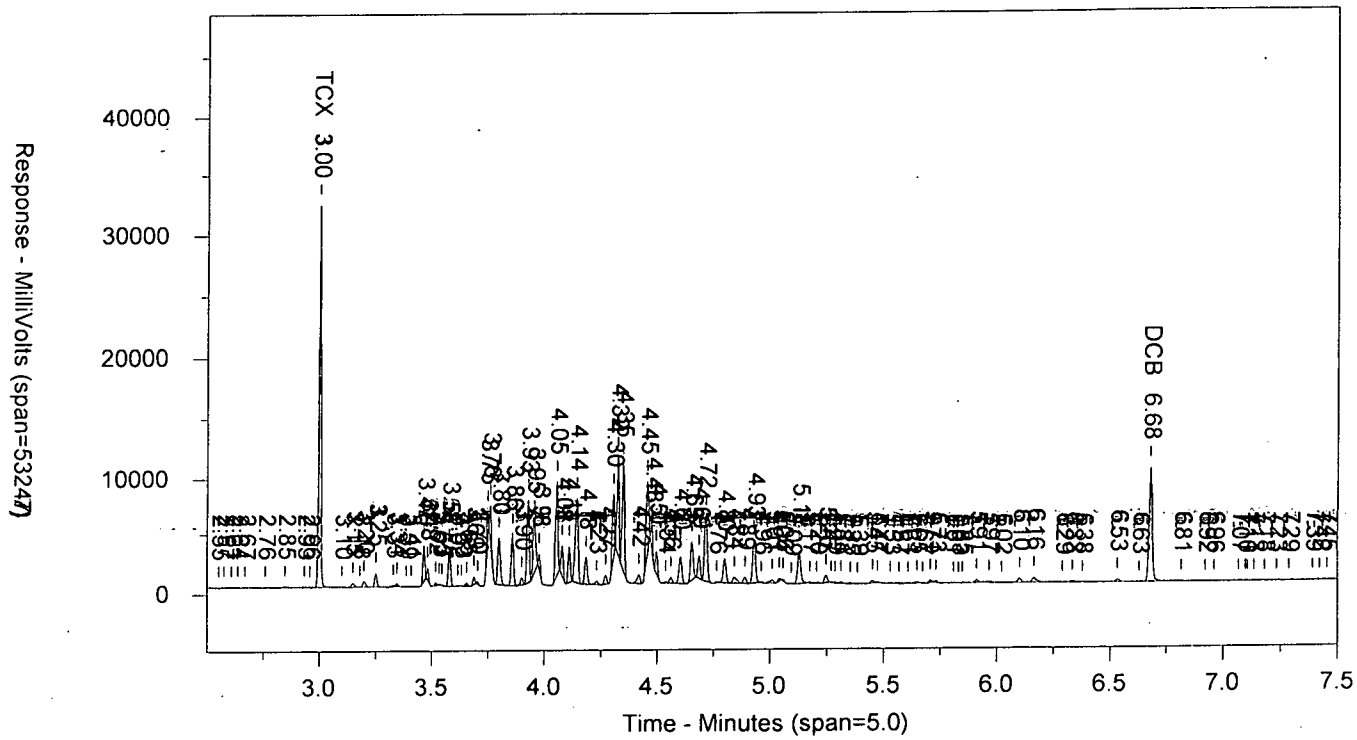
Analyst: 2855

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

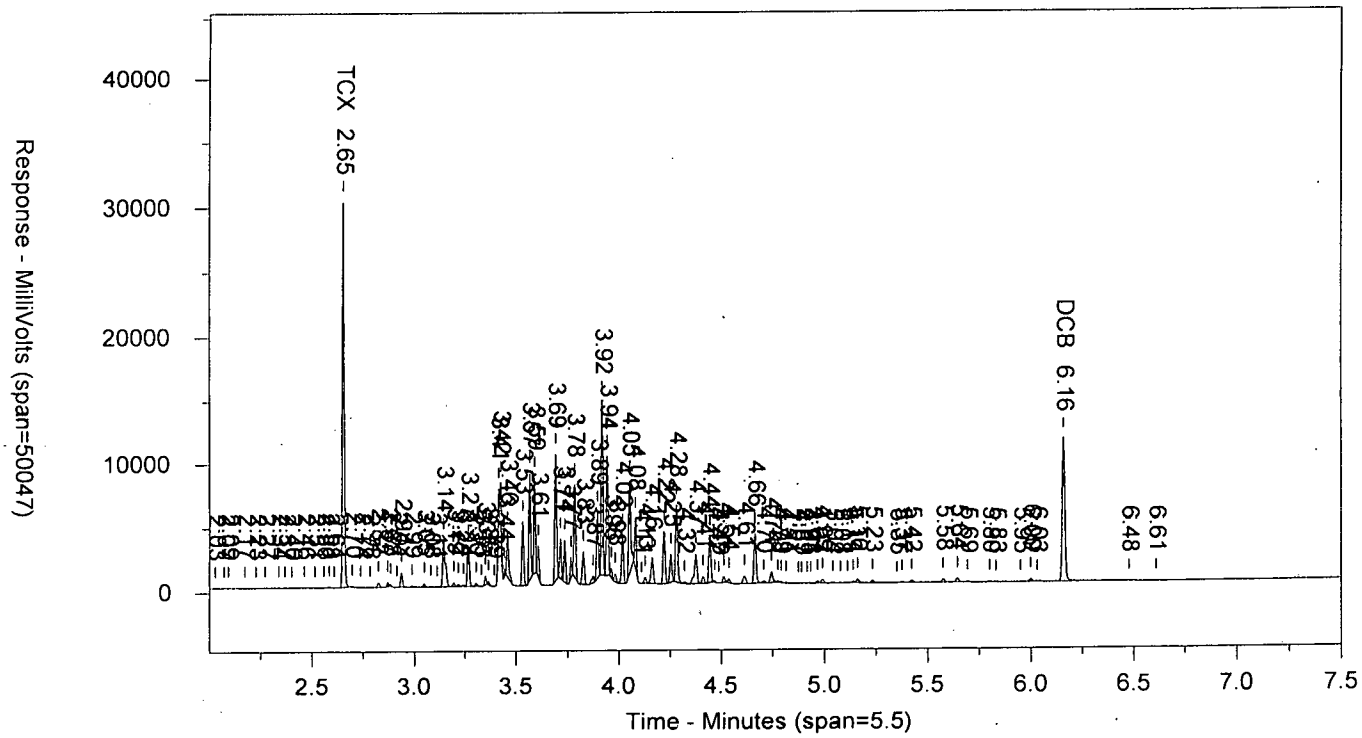
Files:
Area File: 07pcbs17250001.0018.RAW
Area File: 07pcbs17250001B.0018.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 1:48:35 AM
File Reported On: 9/8/2017 at 1:48:46 AM

AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0018.RAW

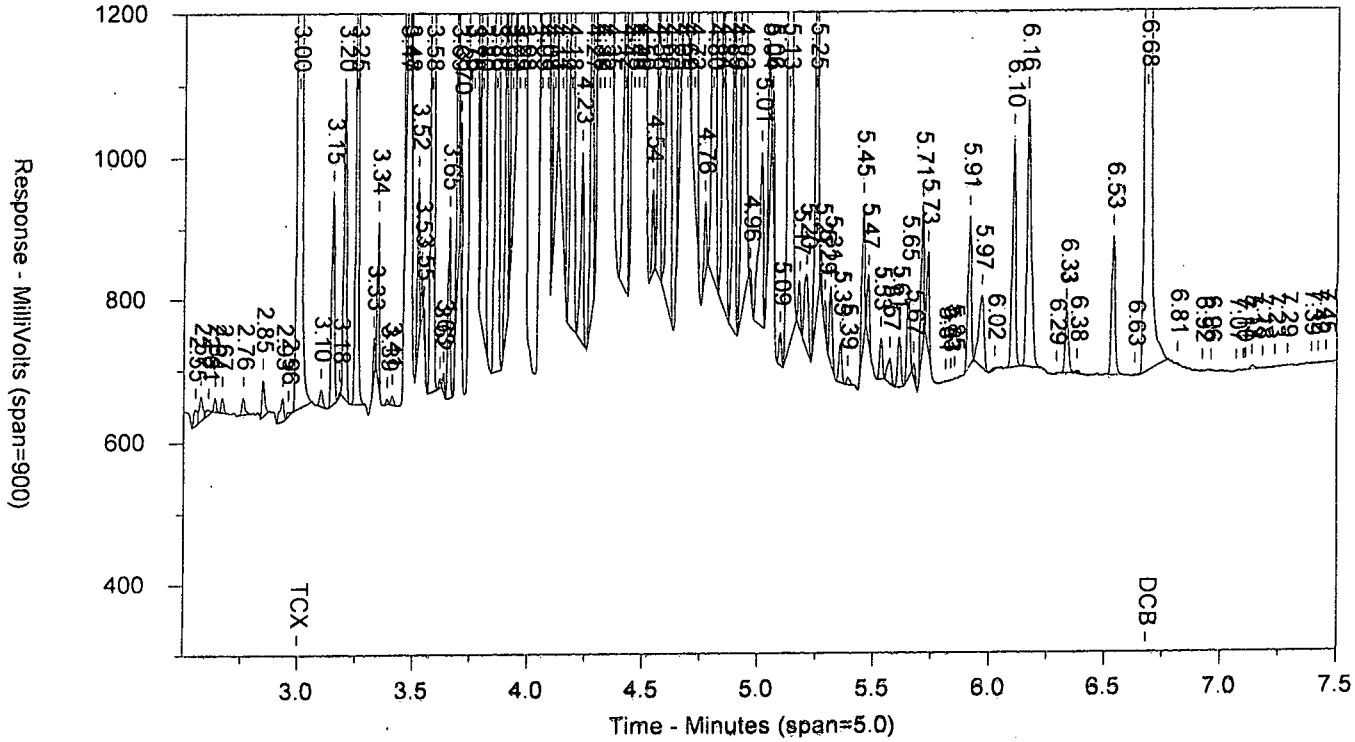


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0018.RAW

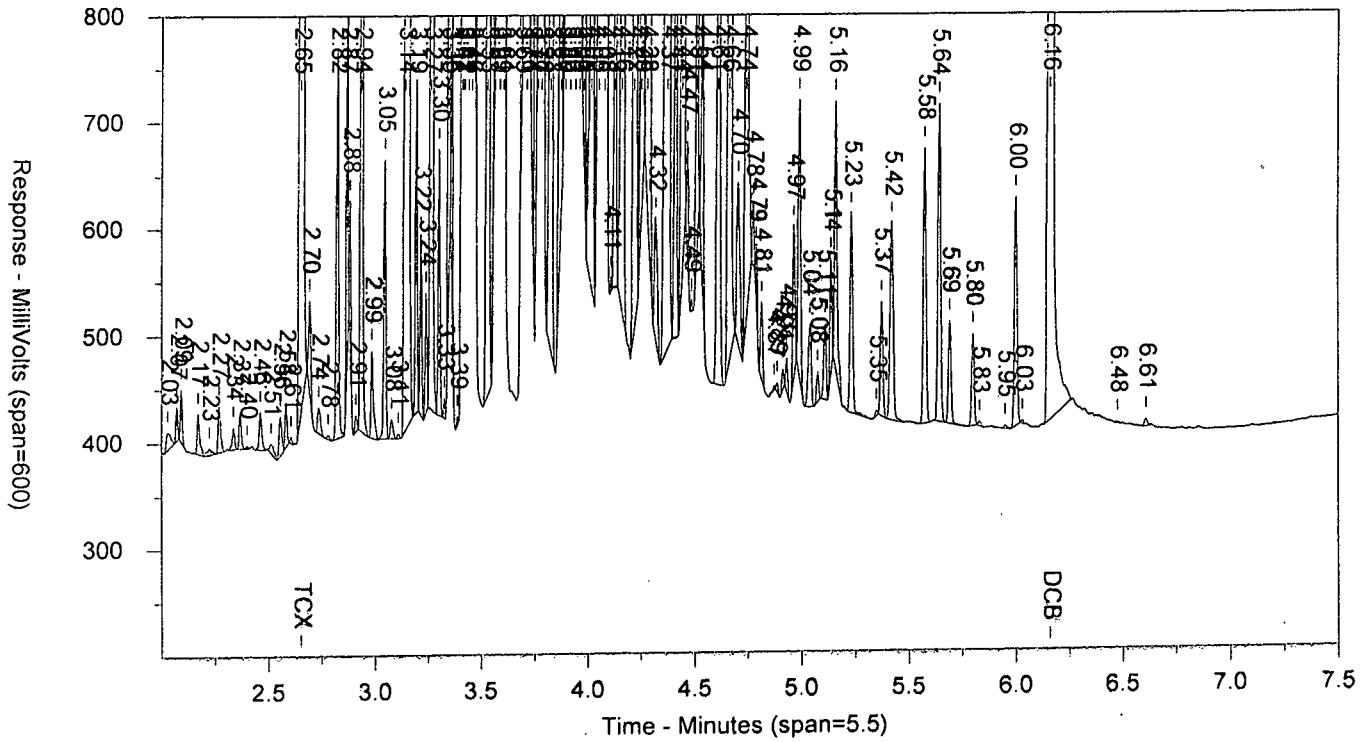


AR4861724B AAAR486AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0018.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0018.RAW



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

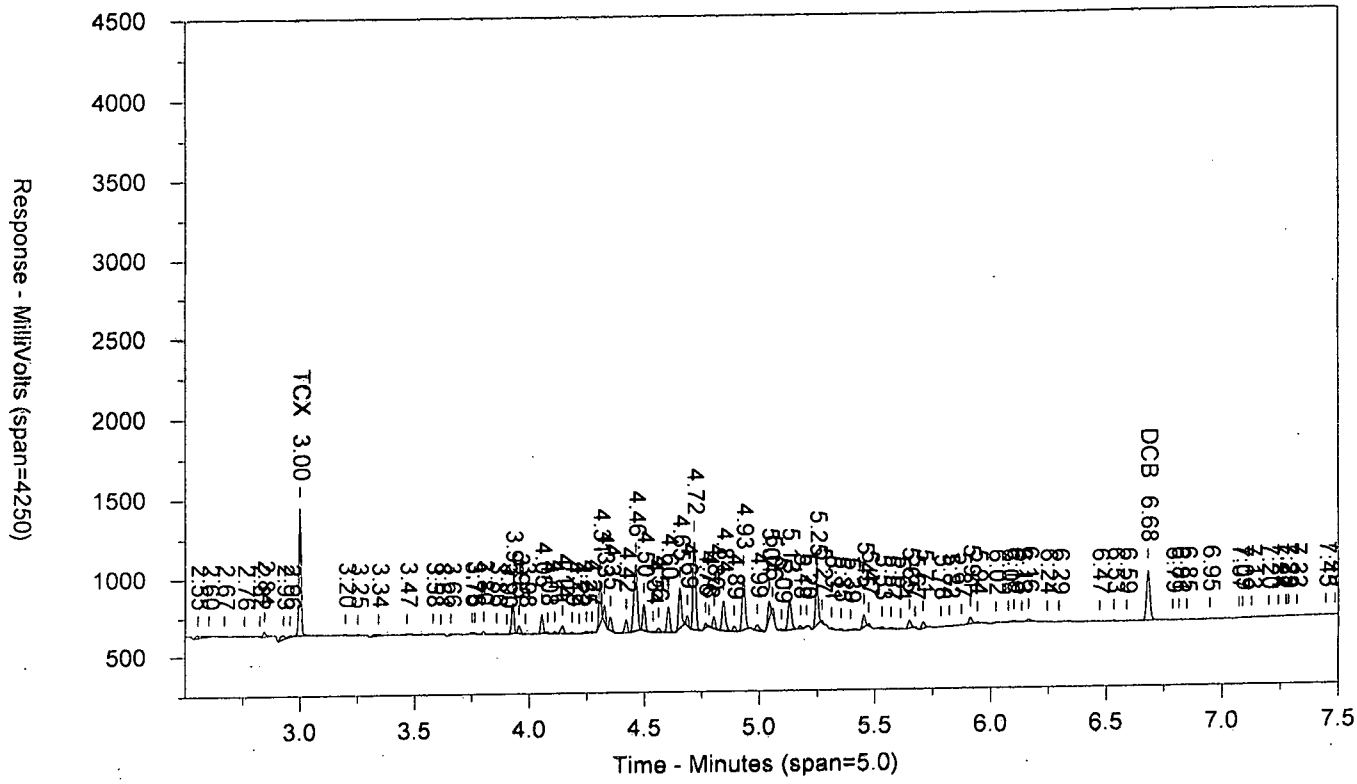
Sample Number: AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 1:51:22 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

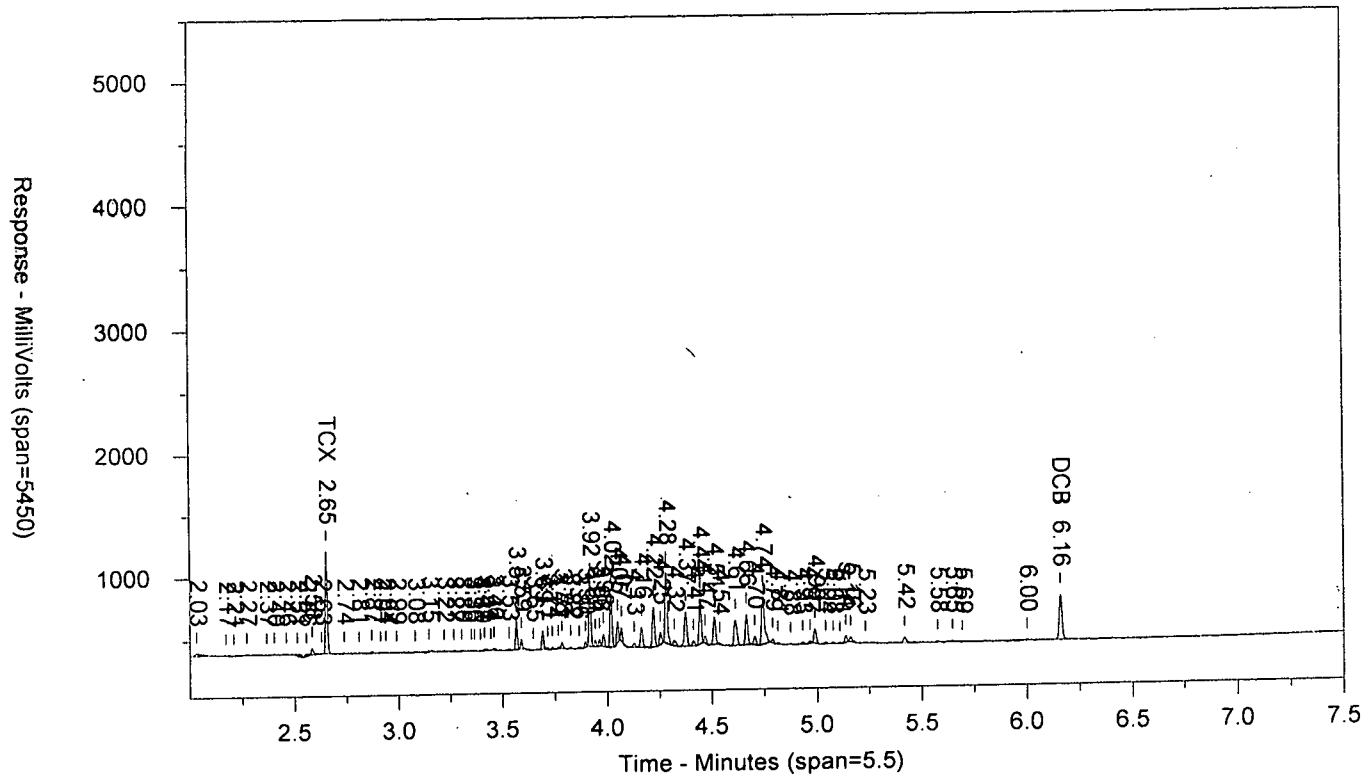
4.163		160885	119522
4.22		316238	236967
4.253		94183	70478
4.281		562832	415857
4.319		43371	40796
4.374		272916	232307
4.411		40950	32180
4.443		348961	249028
4.467		57226	38066
4.511		219659	172807
4.536		9172	5279
4.611		200760	200821
4.664		239925	188812
4.704		63389	50535
4.743		377727	383381
4.791		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0019.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0019.RAW



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

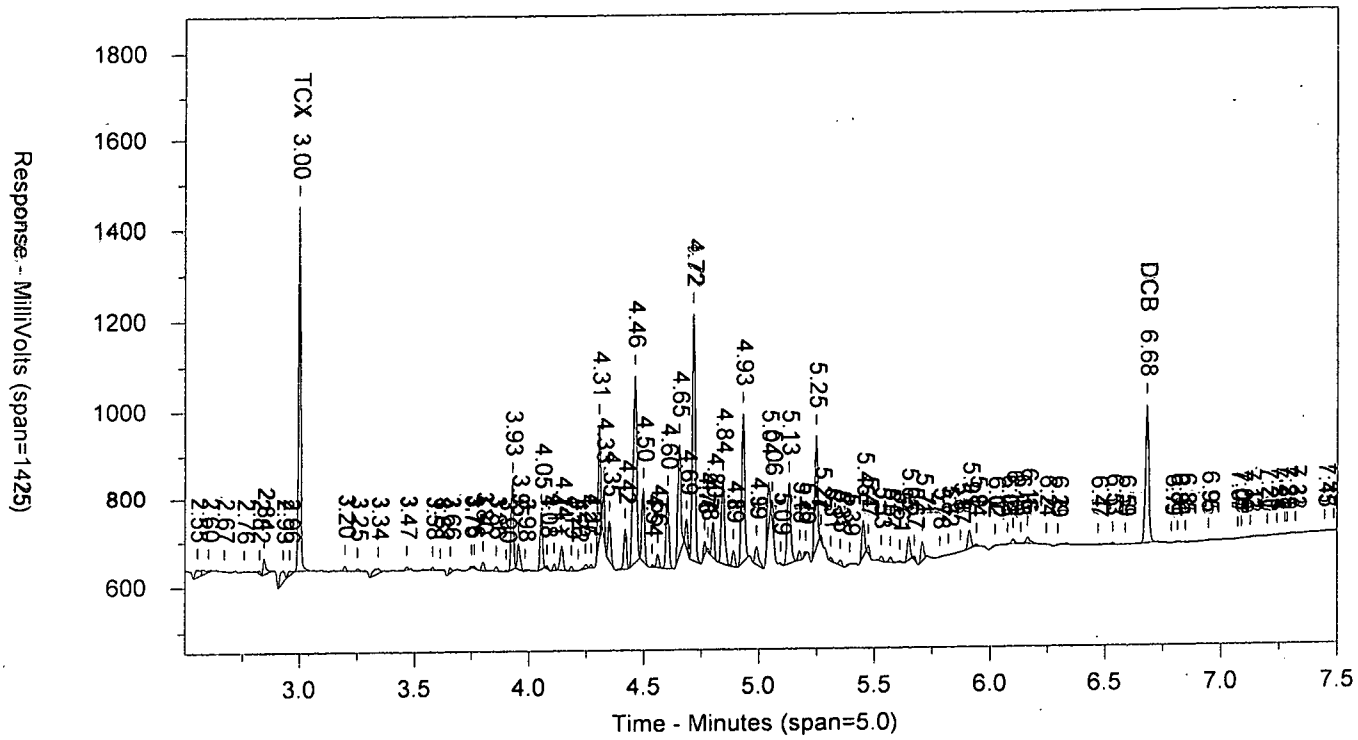
Analyst: 2855

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

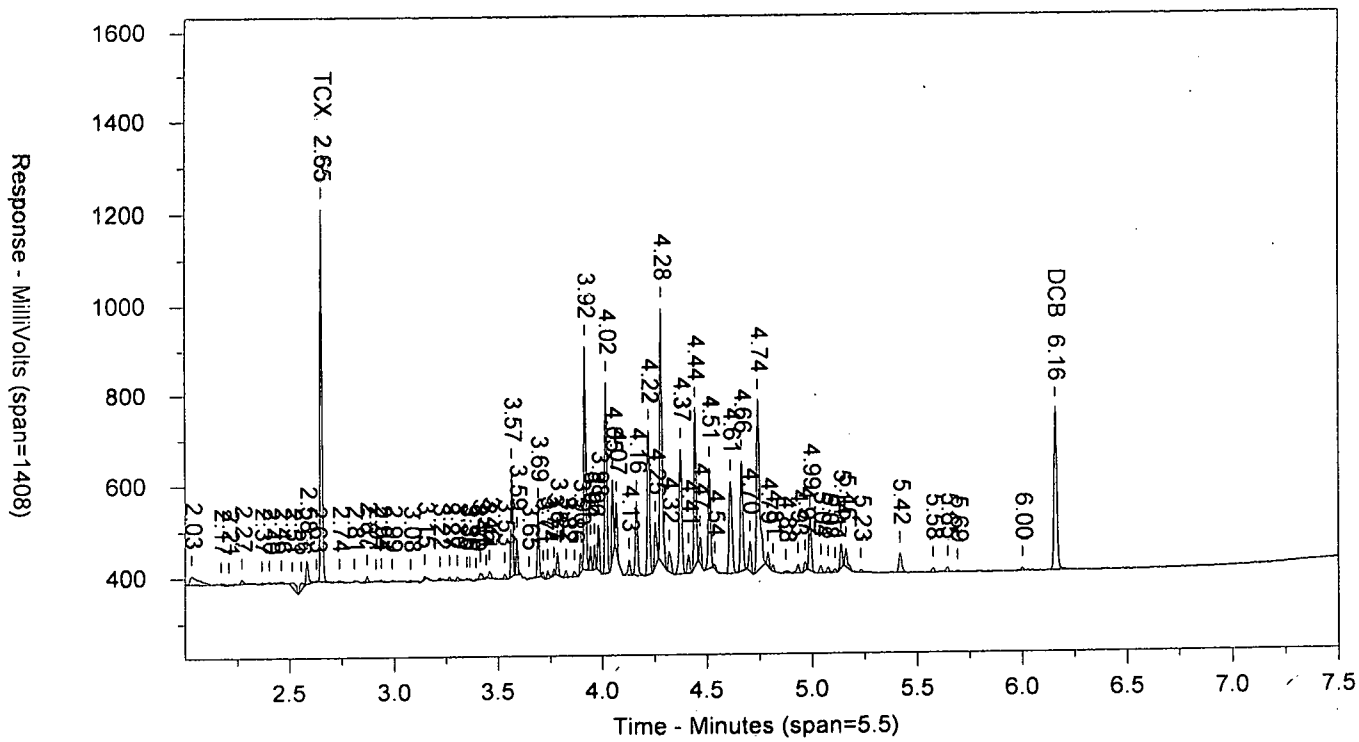
Files:
Area File: 07pcbs17250001.0019.RAW
Area File: 07pcbs17250001B.0019.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:00:05 AM
File Reported On: 9/8/2017 at 2:00:16 AM

AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0019.RAW

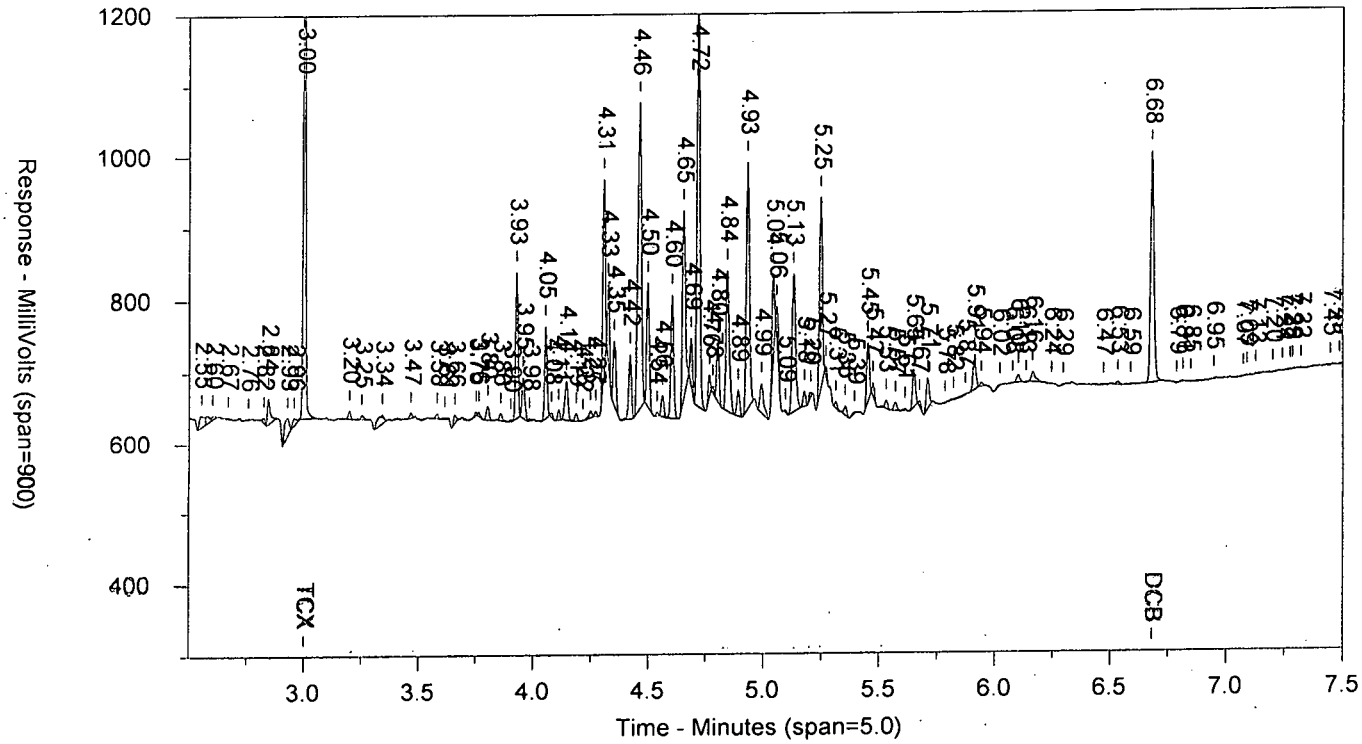


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0019.RAW

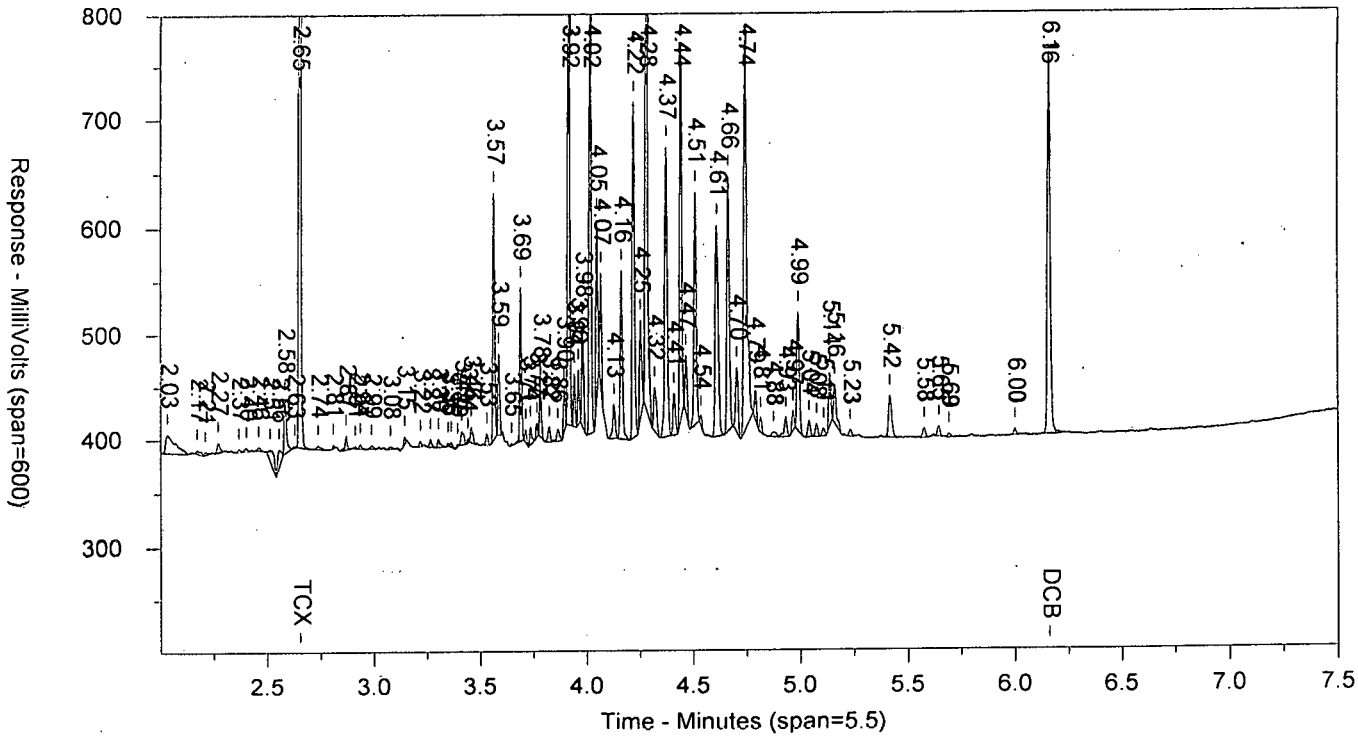


AR5411724B AAAR541AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0019.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0019.RAW



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

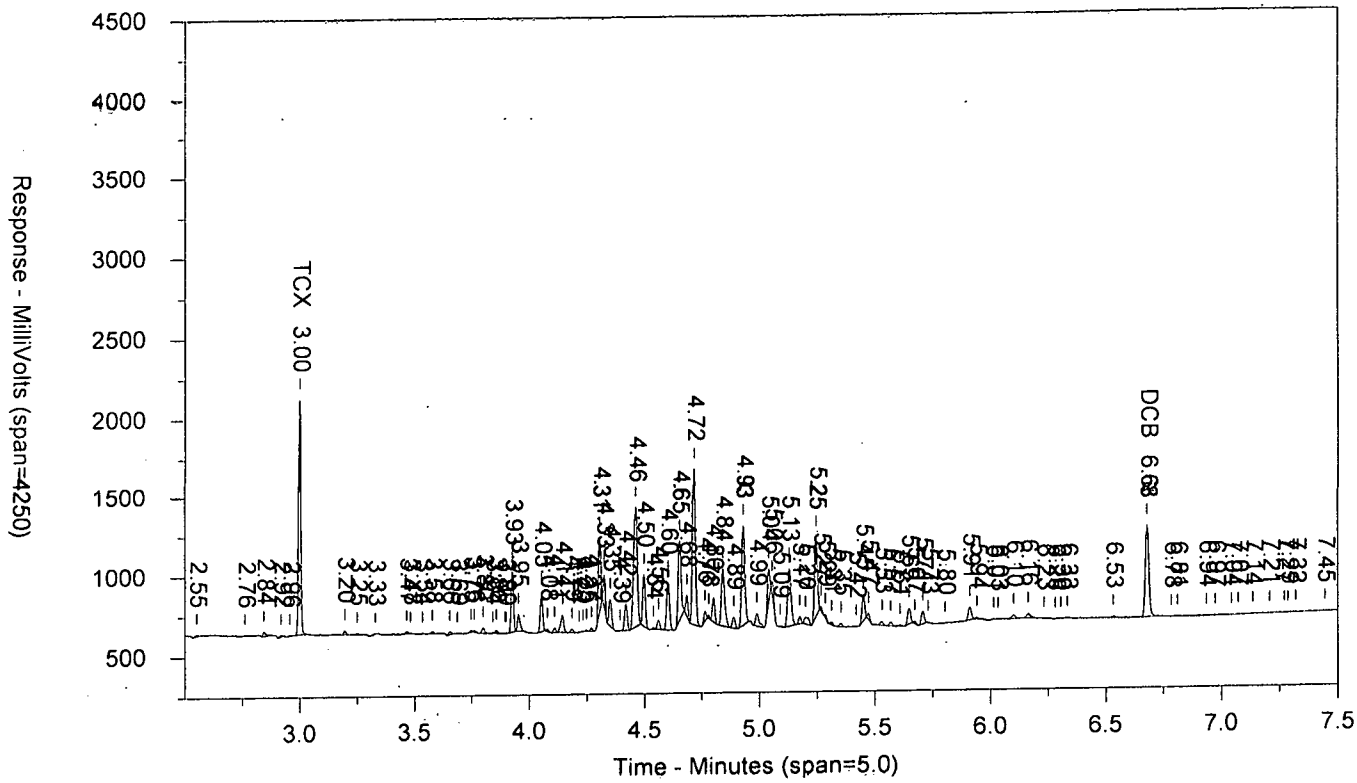
Sample Number: AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:02:53 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

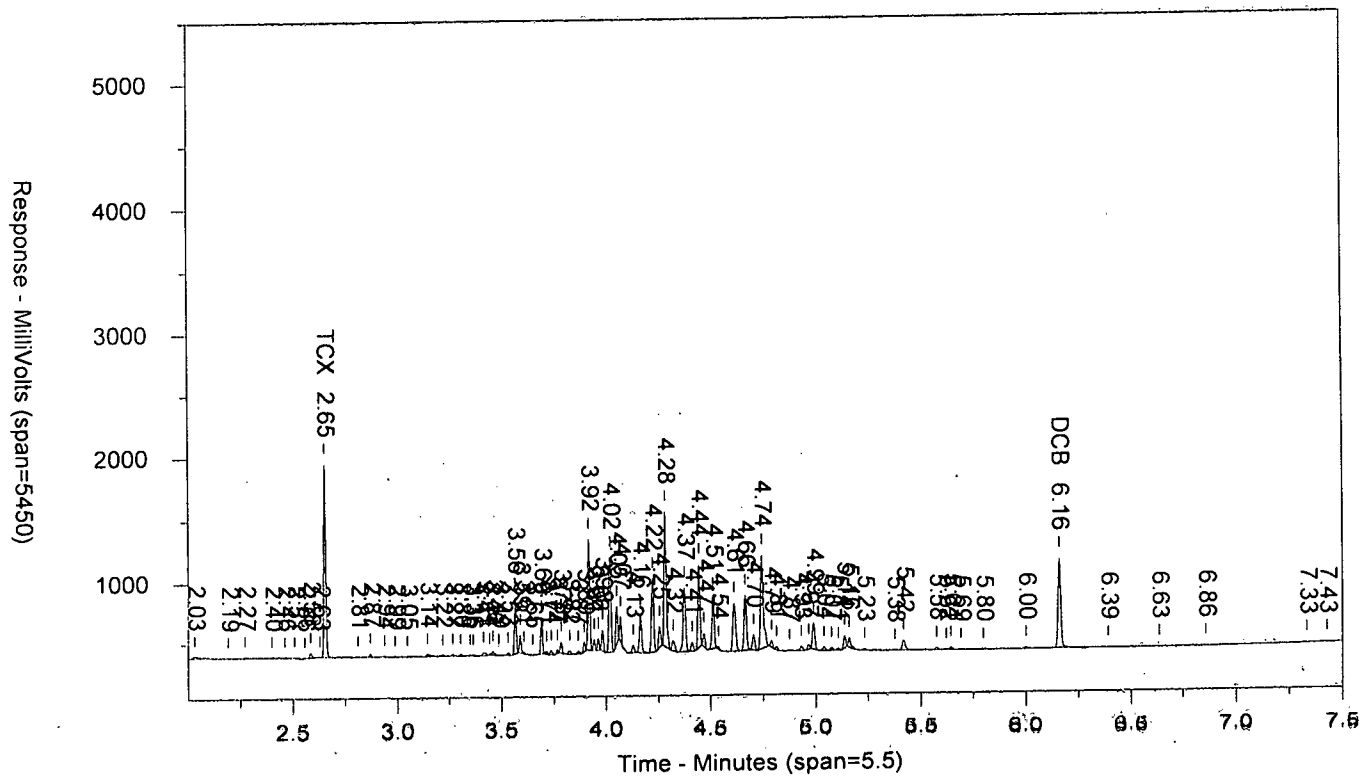
4.374		518578	433280
4.411		75956	58524
4.444		670129	469176
4.467		111890	71790
4.511		409471	323072
4.536		20698	11653
4.611		393000	376270
4.664		447172	361783
4.704		123795	101278
4.743		751289	711509
4.79		54848	34647
4.814		25085	17074
4.875		8388	10315
4.931		35247	31470
4.966		36247	24715
4.989		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0020.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0020.RAW



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

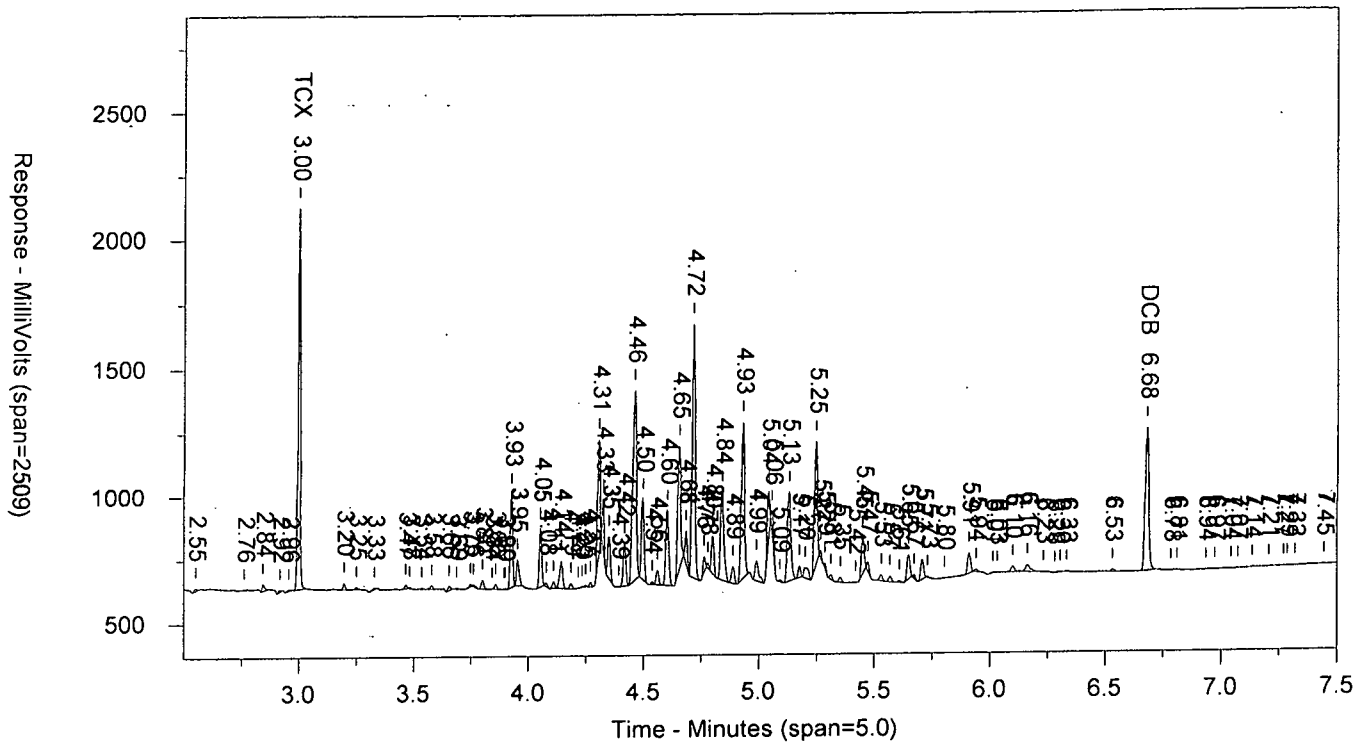
Analyst: 2855

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

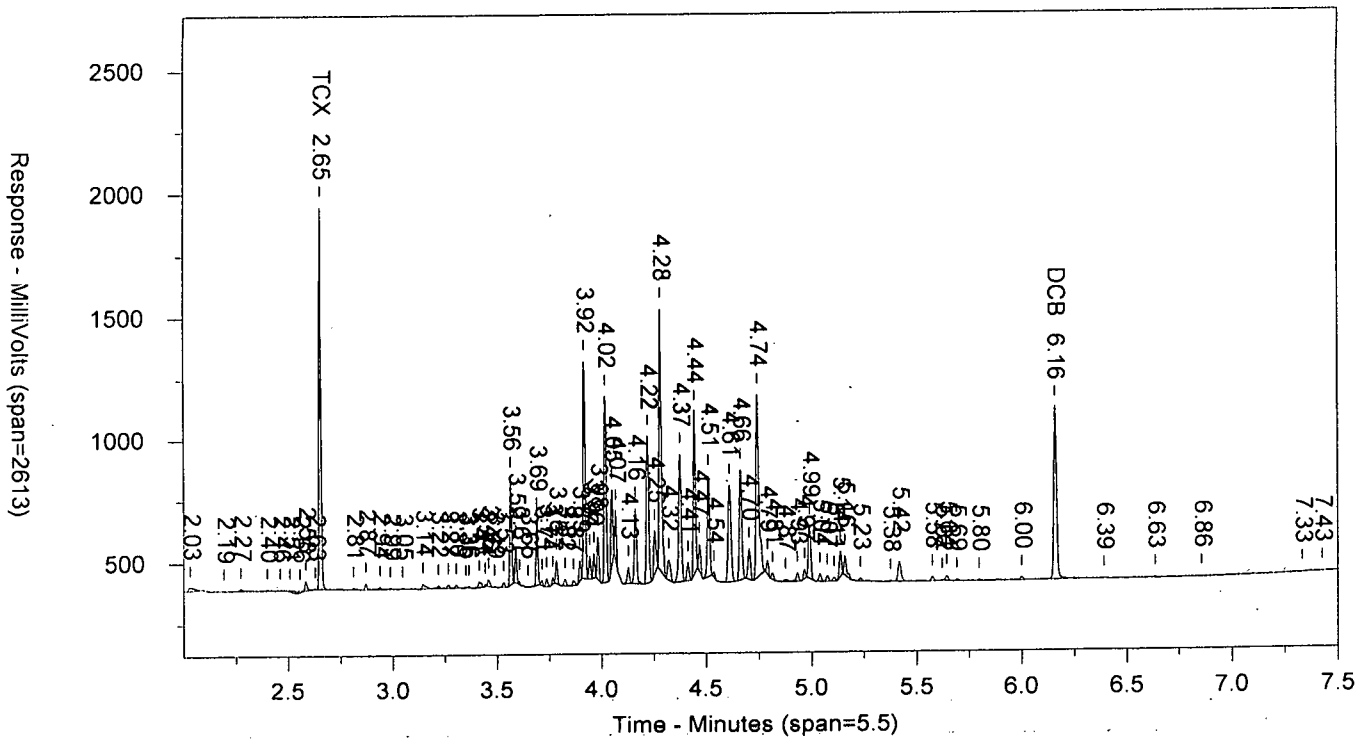
Files:
Area File: 07pcbs17250001.0020.RAW
Area File: 07pcbs17250001B.0020.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:11:35 AM
File Reported On: 9/8/2017 at 2:11:46 AM

AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0020.RAW

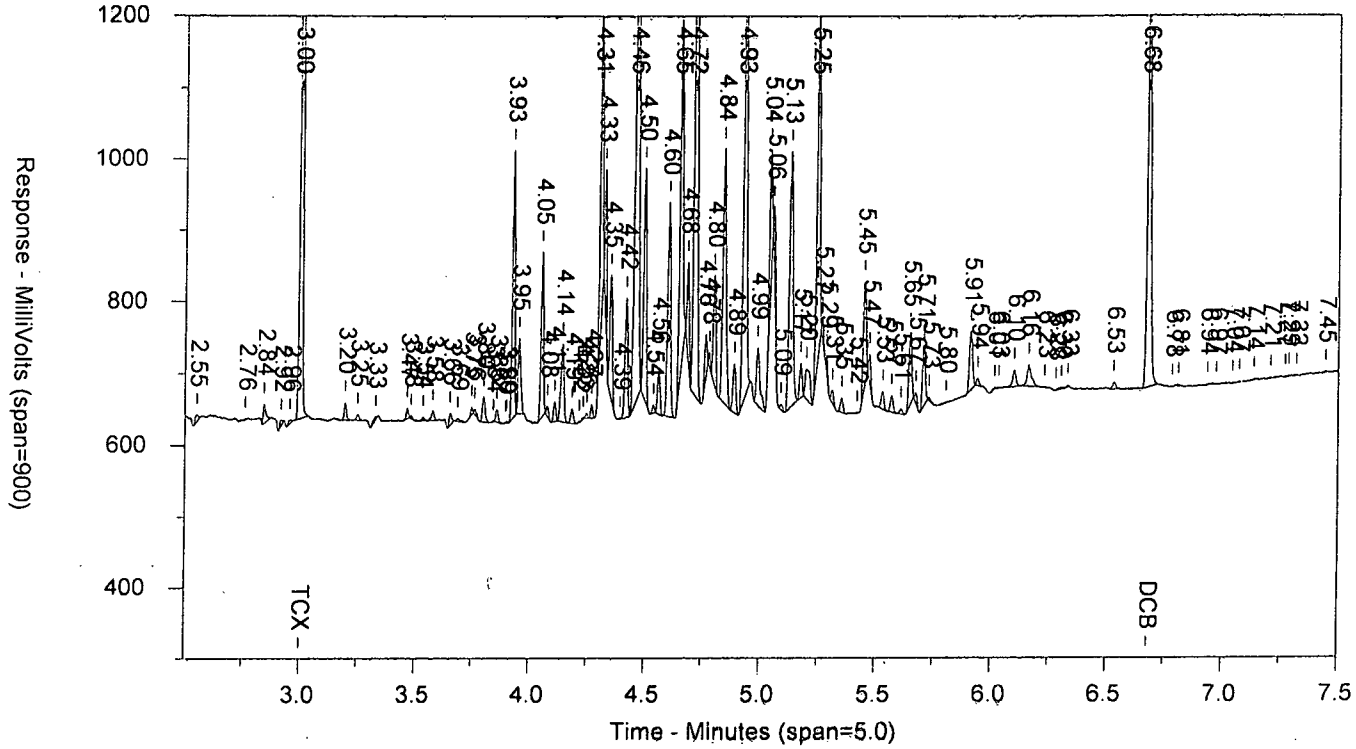


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0020.RAW

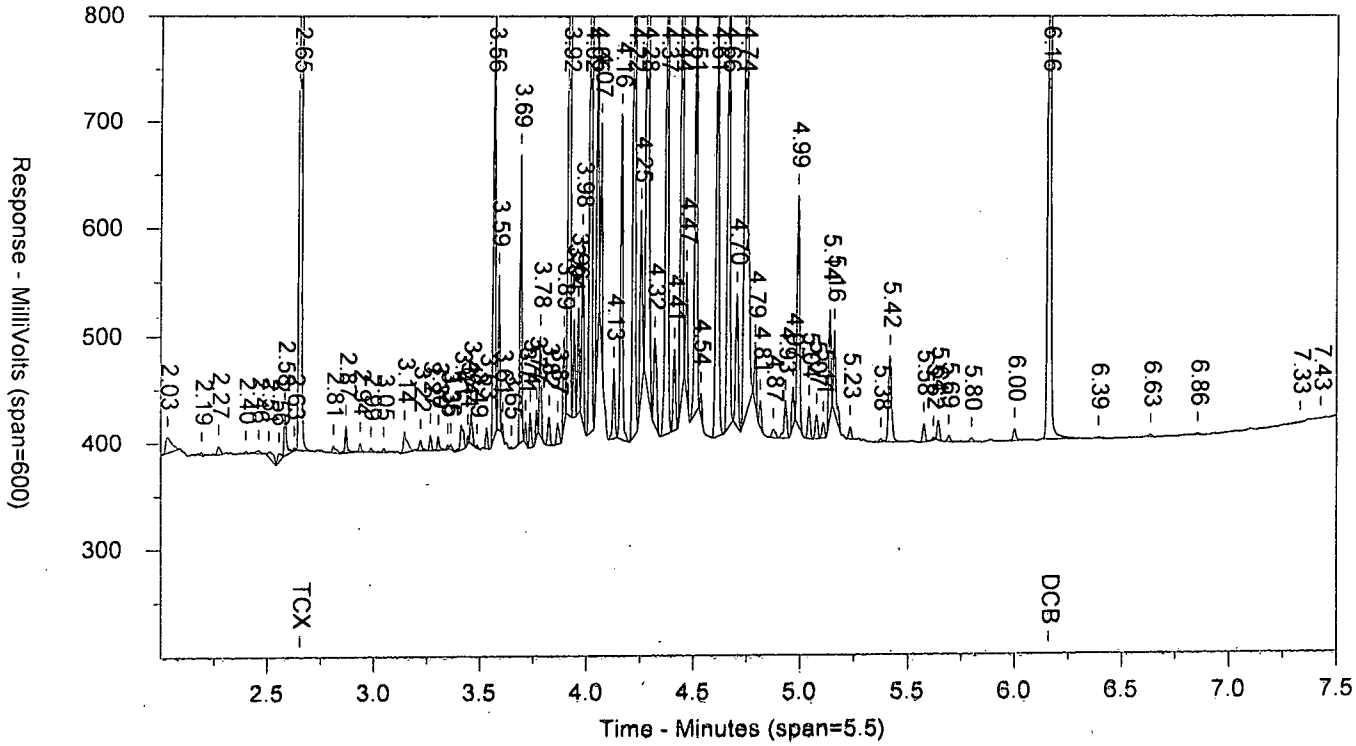


AR5421724B AAAR542AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0020.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0020.RAW



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

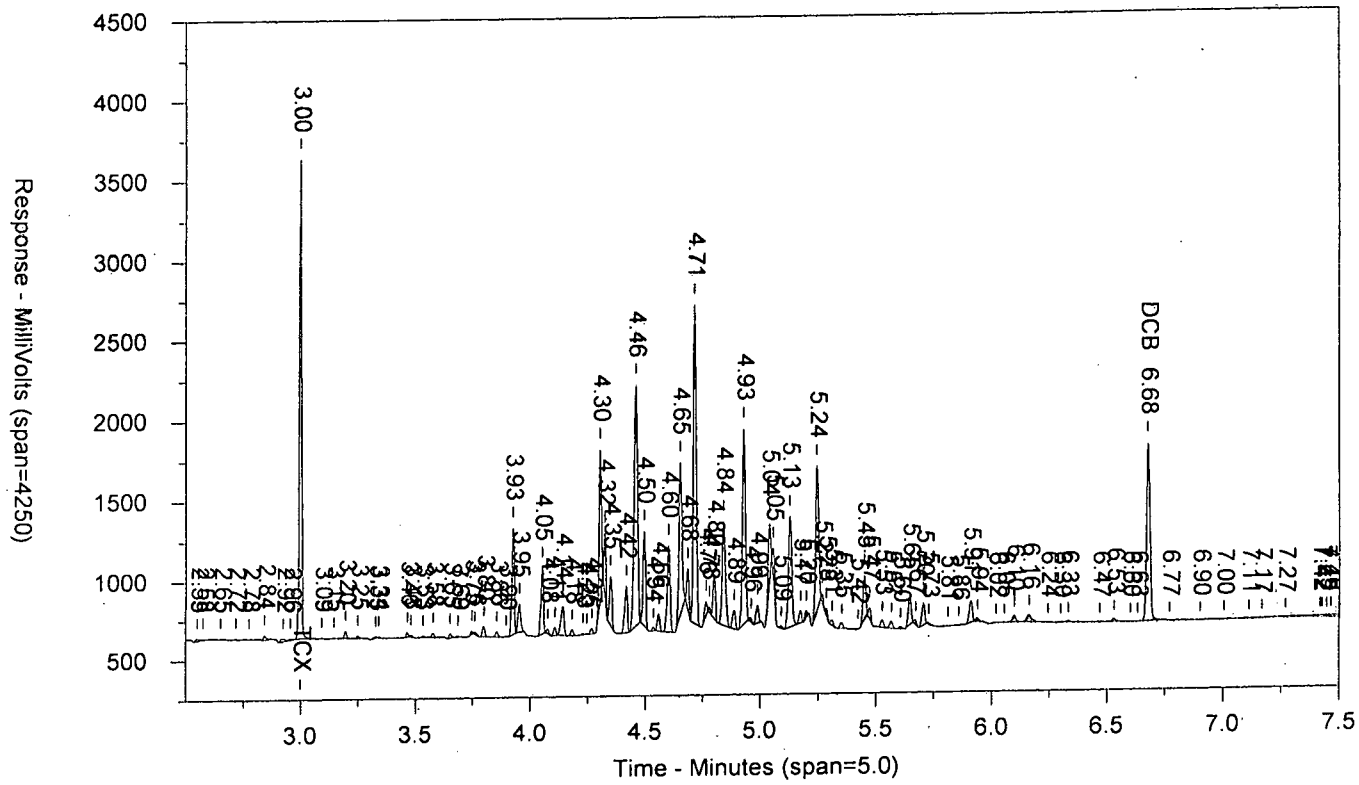
Sample Number: AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:14:08 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

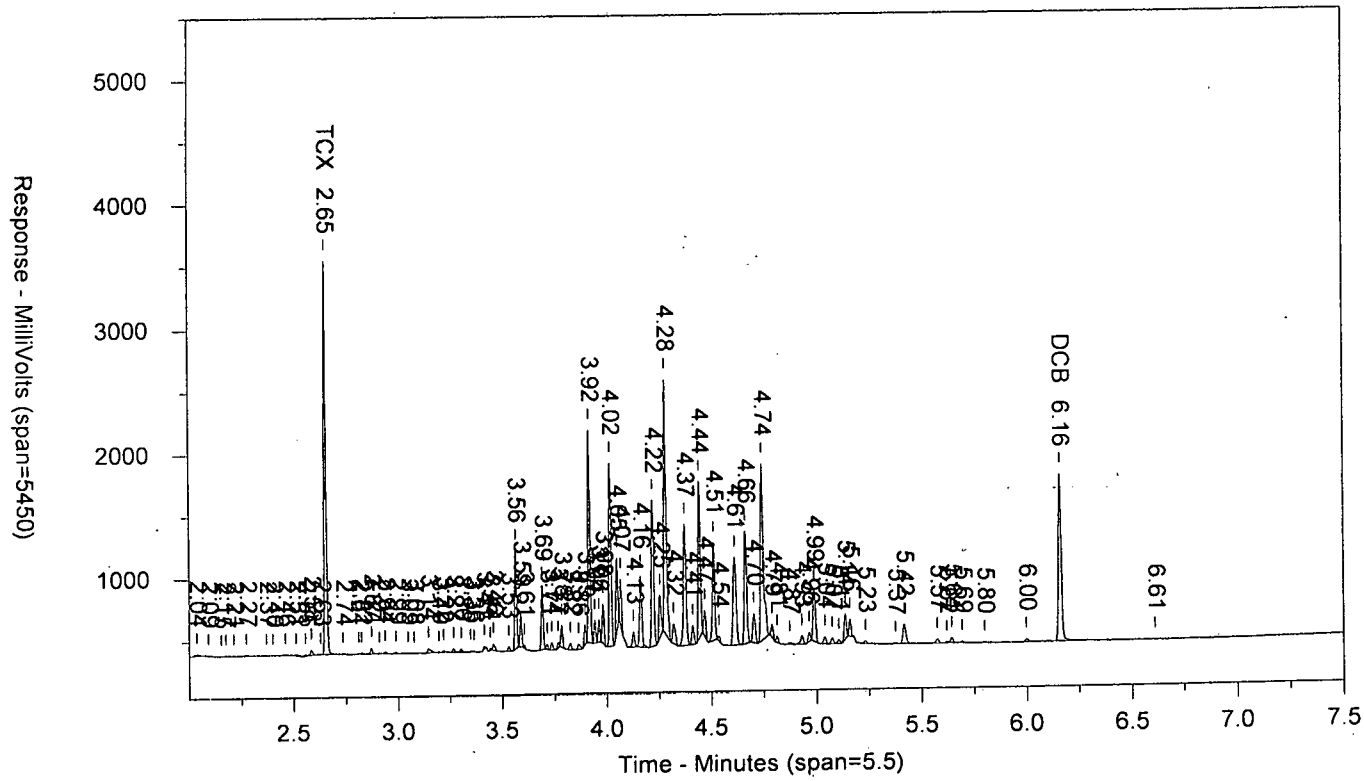
4.048		574419	360461
4.066		369223	195256
4.127		119903	87864
4.162		567081	423505
4.219		1177319	867113
4.253		336489	250573
4.28		2058443	1512794
4.318		158848	148531
4.372		972408	821442
4.41		150676	113600
4.442		1263308	906407
4.466		205562	133779
4.51		787162	610276
4.535		39944	23676
4.61		704470	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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0021.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0021.RAW



LANCASTER LABORATORIES

Sample Number: AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:14:08 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

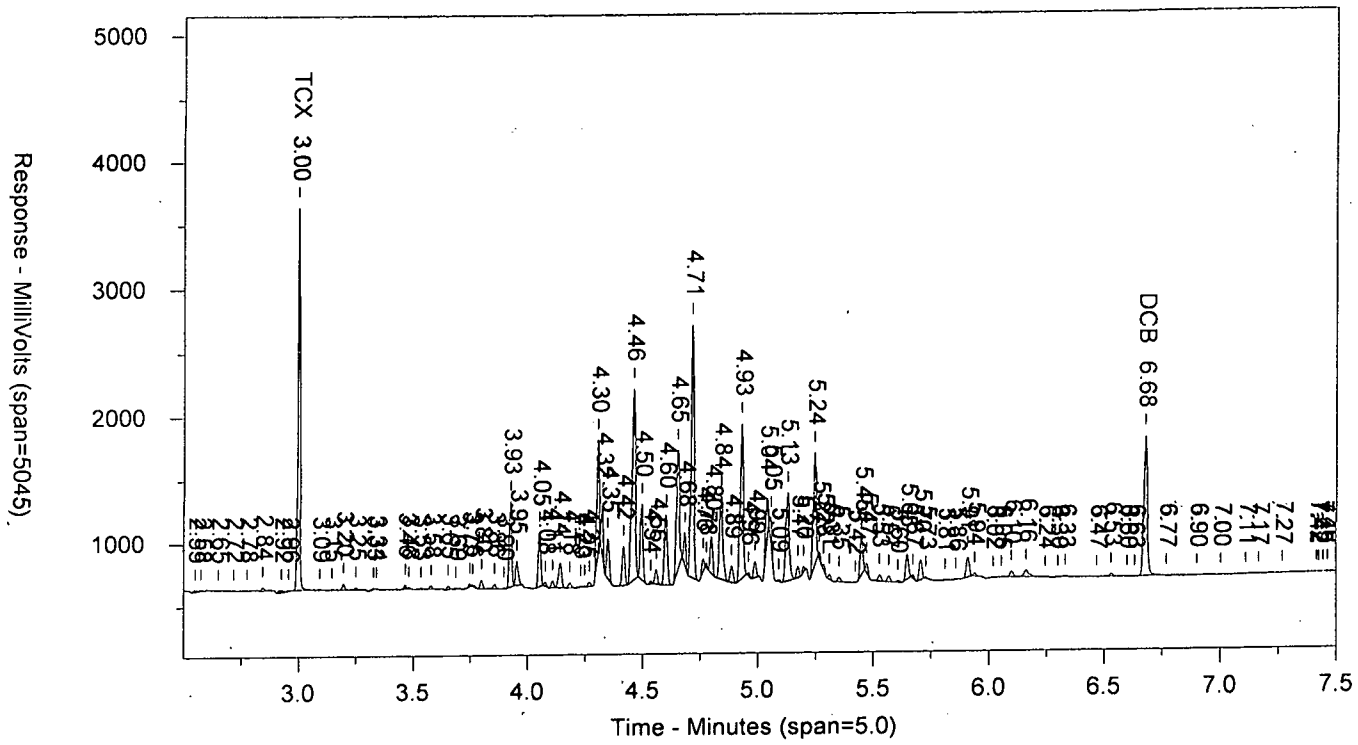
Analyst: 2855

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.998	3006407	7.943	TCX	2.653	3156973	8.123	TCX
6.676	1129170	8.366	DCB	6.158	1356839	8.517	DCB

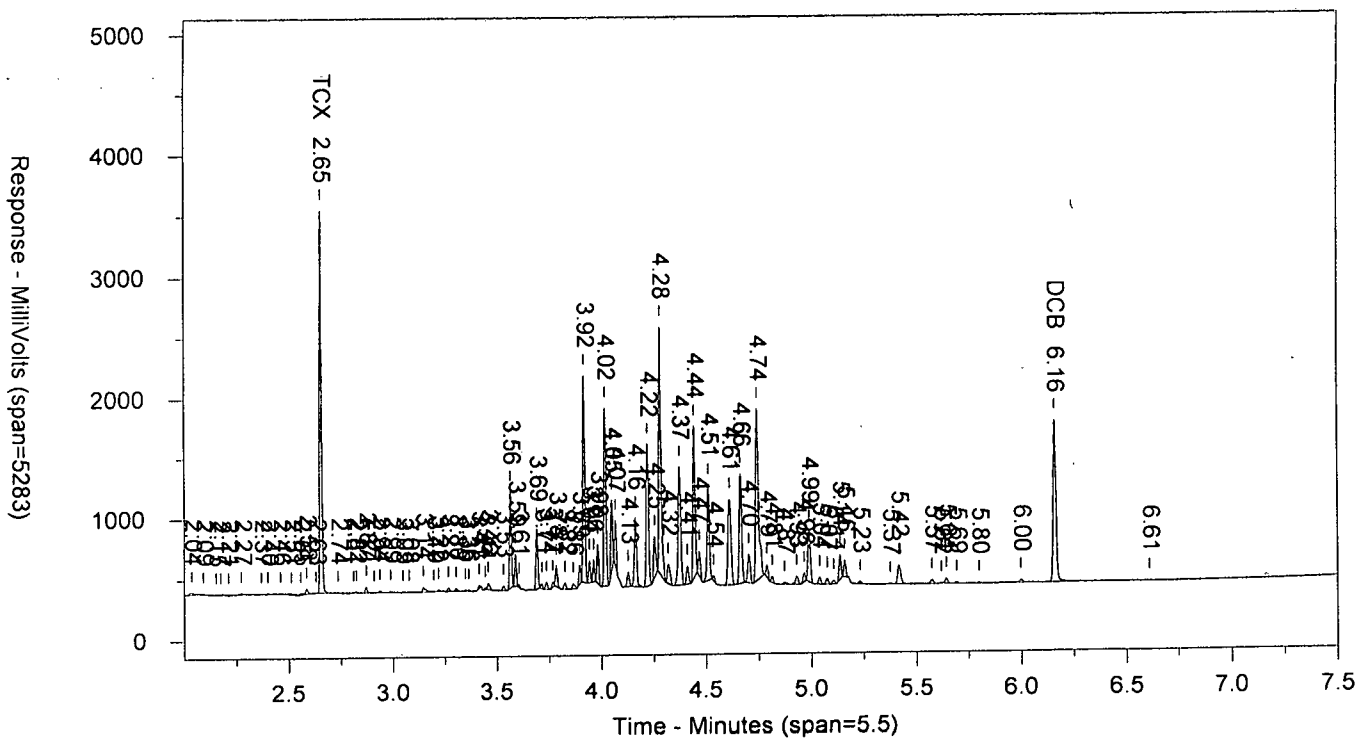
Files:
Area File: 07pcbs17250001.0021.RAW
Area File: 07pcbs17250001B.0021.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:22:52 AM
File Reported On: 9/8/2017 at 2:23:04 AM

AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0021.RAW

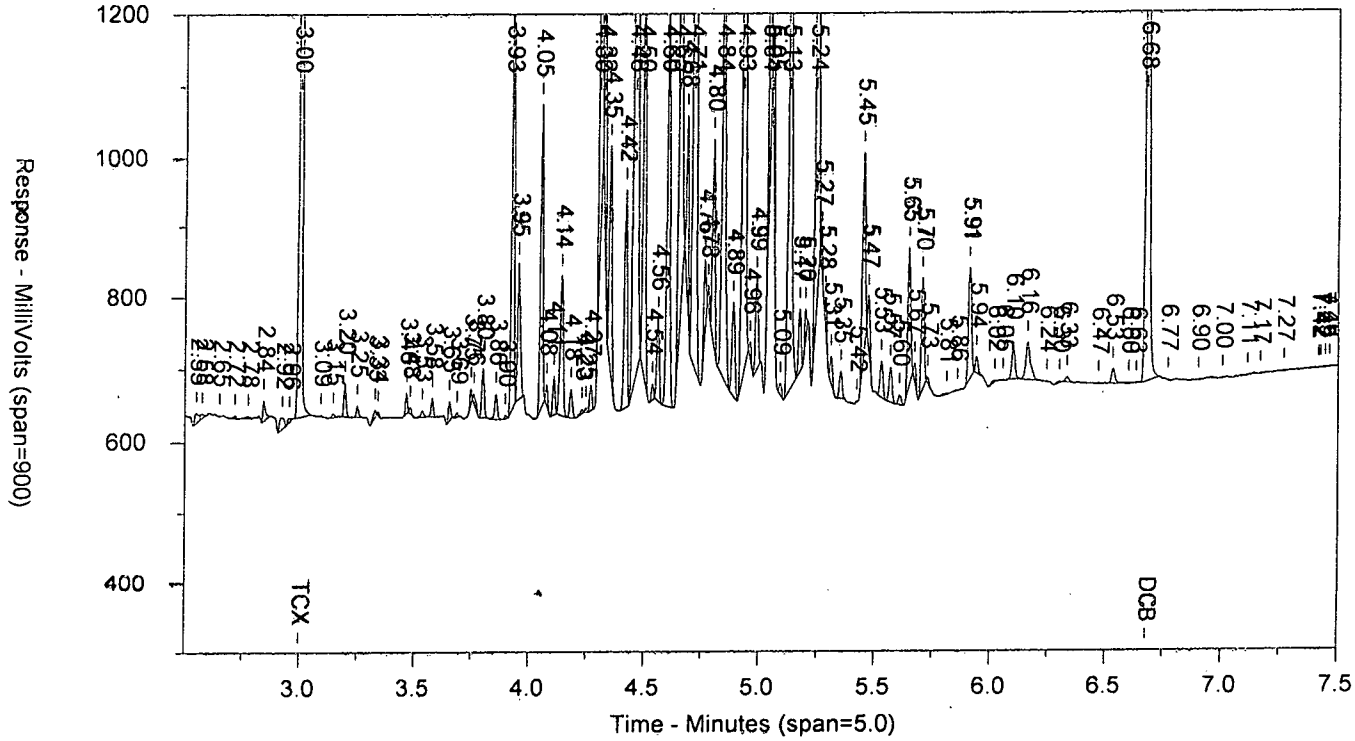


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0021.RAW

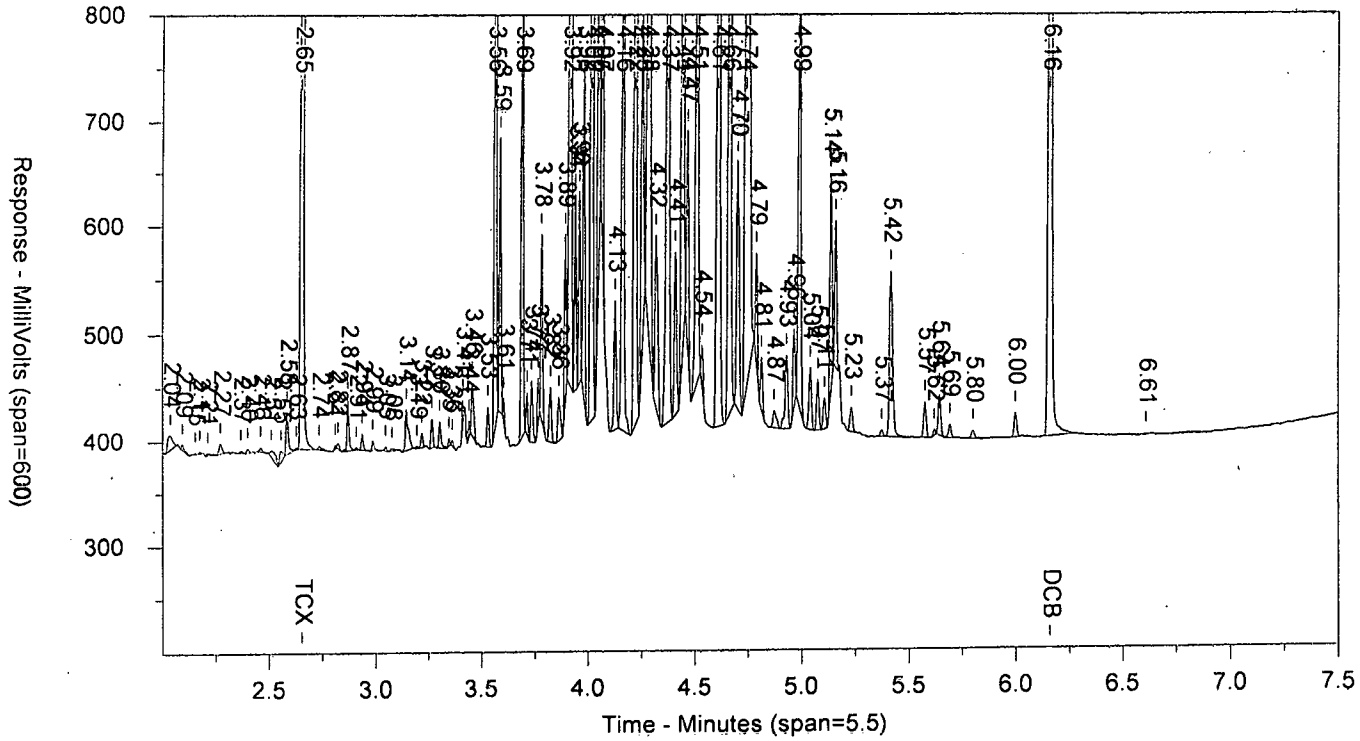


AR5431724B AAAR543AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0021.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0021.RAW



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

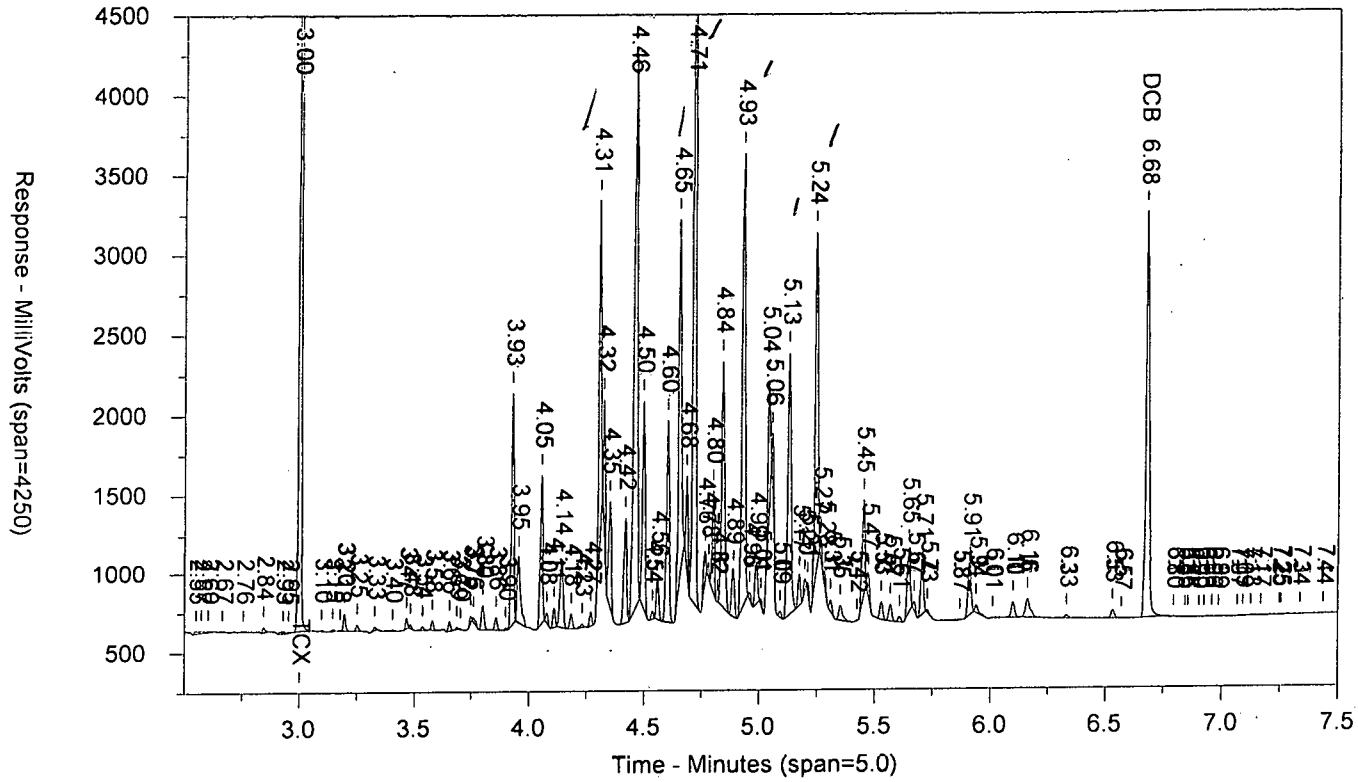
Sample Number: AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:25:35 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

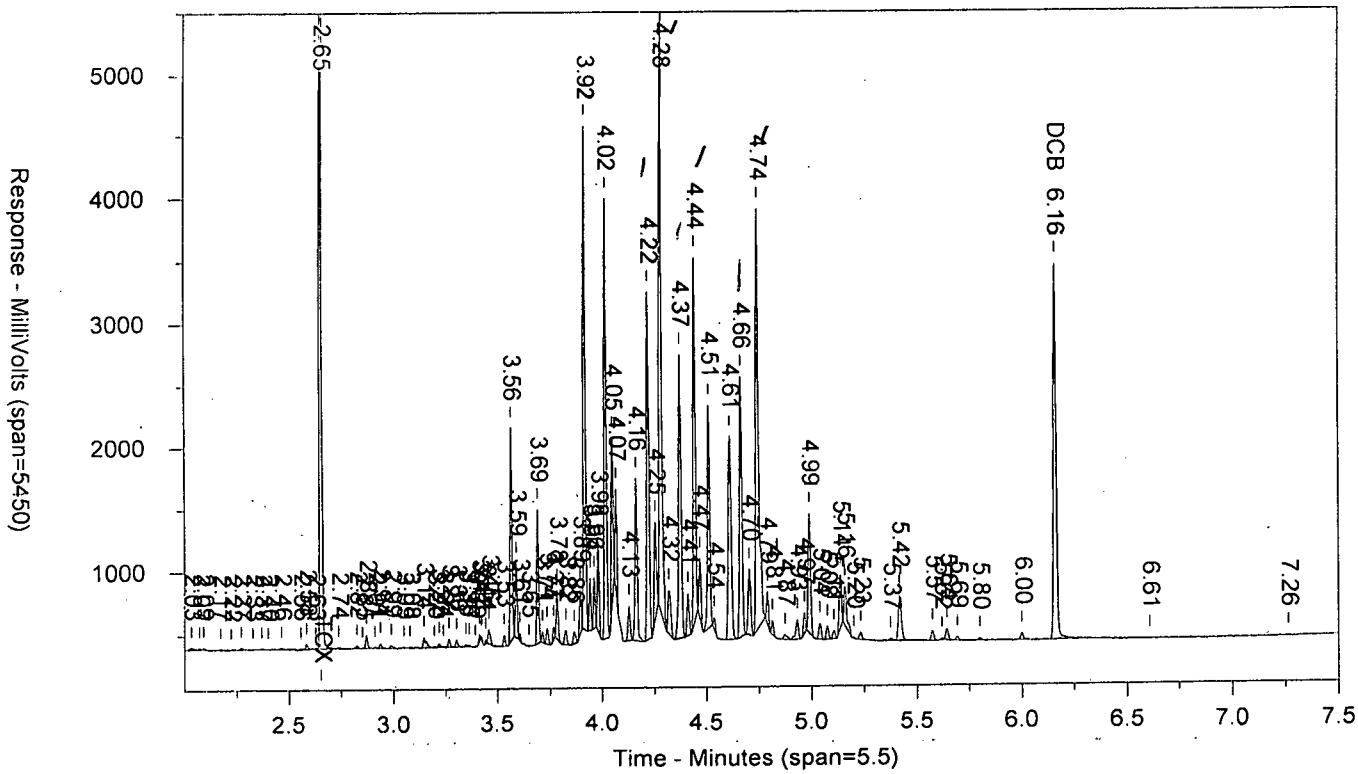
3.894		348286	203797
3.916		4052196	2647605
3.941		412233	232766
3.961		396737	220598
3.981		694613	420611
4.017		3524993	2364716
4.049		1301801	807394
4.066		808304	429328
4.127		273179	190899
4.162		1292408	952728
4.22		2807490	2028555
4.253		769917	567248
4.28		4899861	3584798
4.319		344847	332111
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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0022.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0022.RAW



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

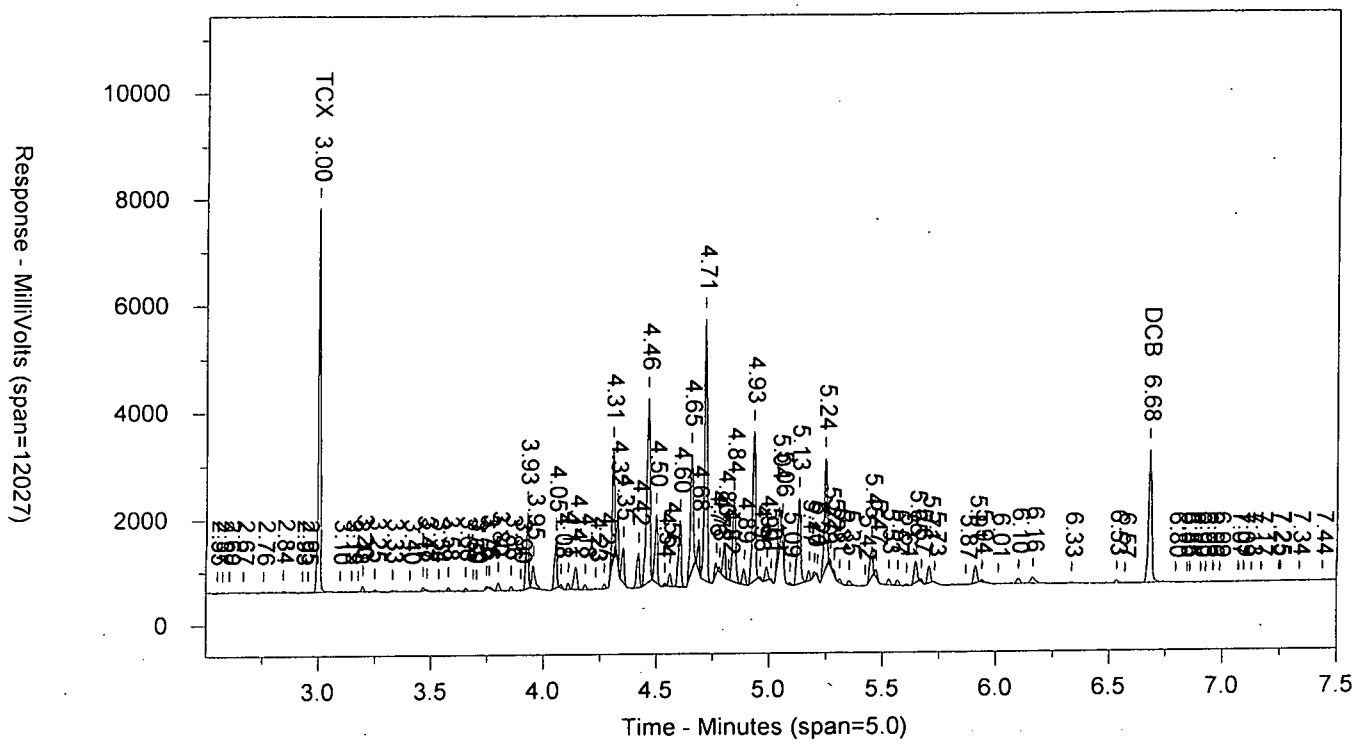
Analyst: 2855

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

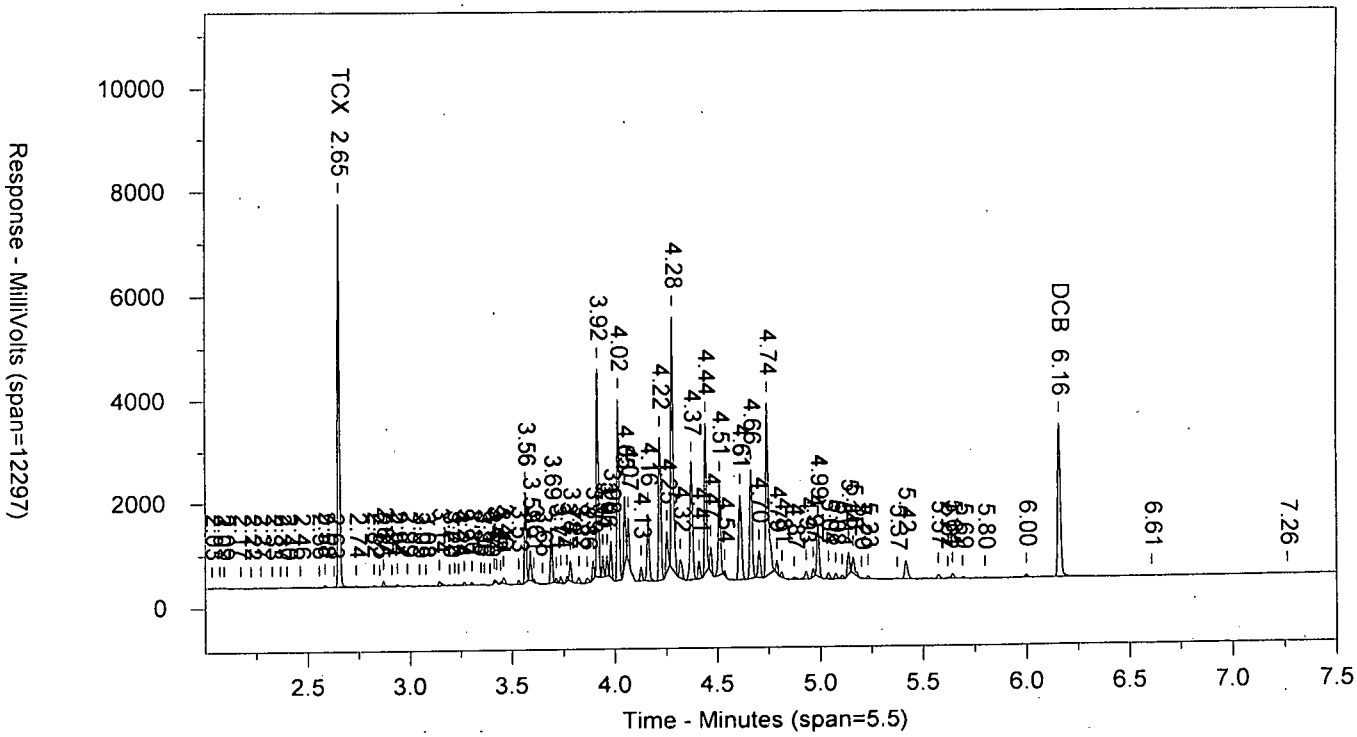
Files:
Area File: 07pcbs17250001.0022.RAW
Area File: 07pcbs17250001B.0022.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:34:21 AM
File Reported On: 9/8/2017 at 2:34:32 AM

AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0022.RAW

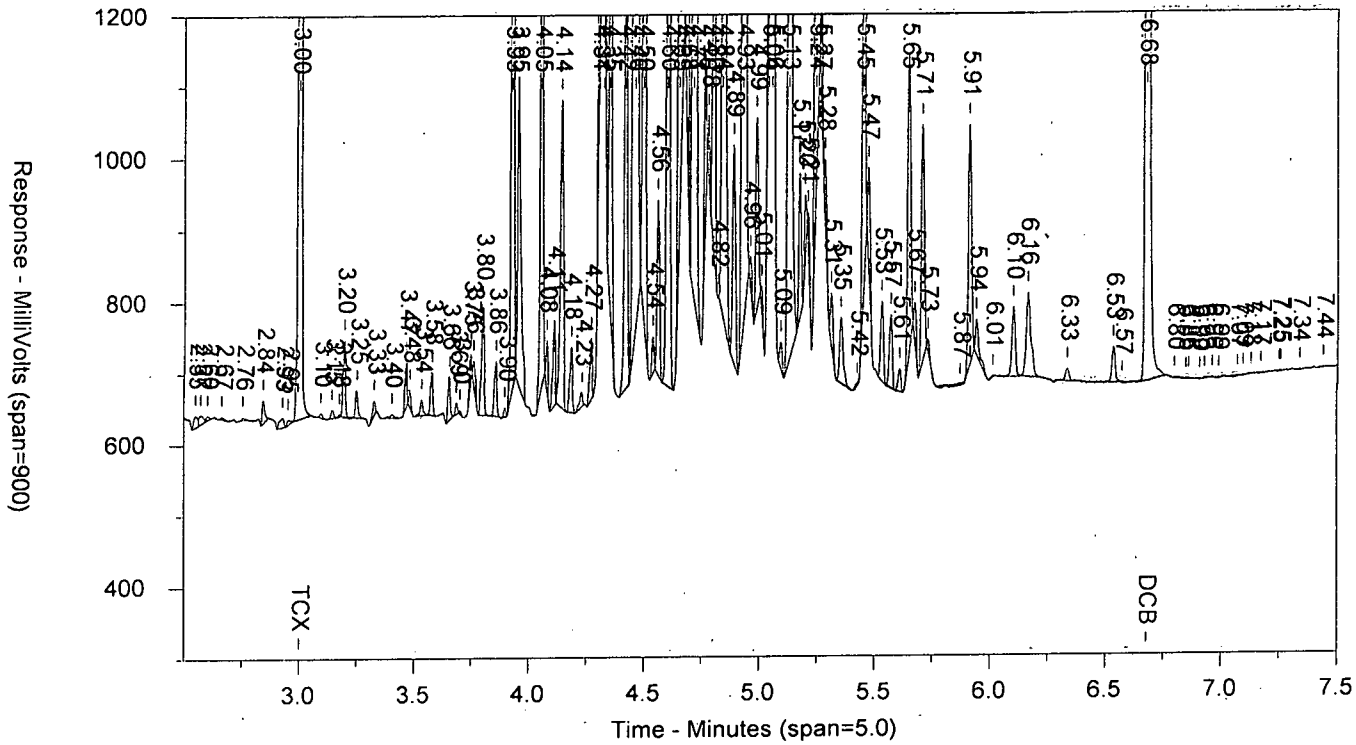


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0022.RAW

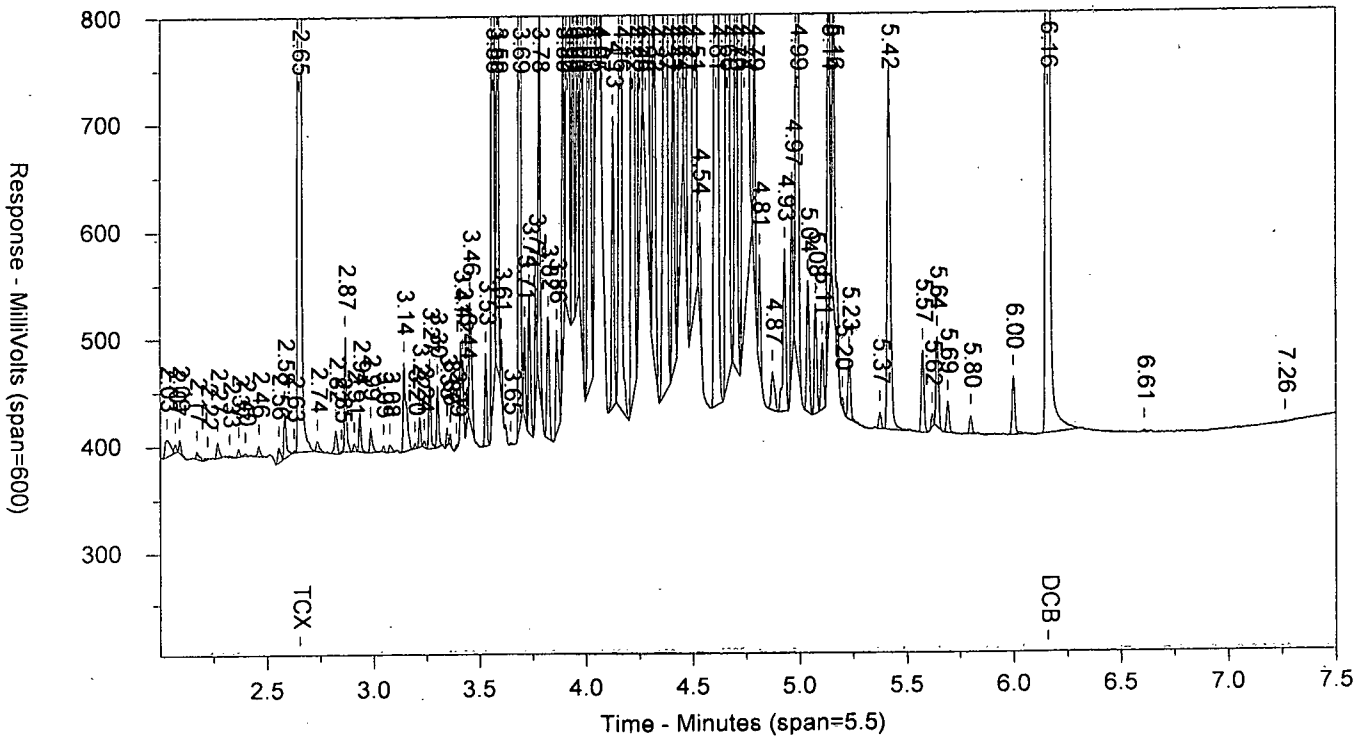


AR5441724B AAAR544AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0022.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0022.RAW



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

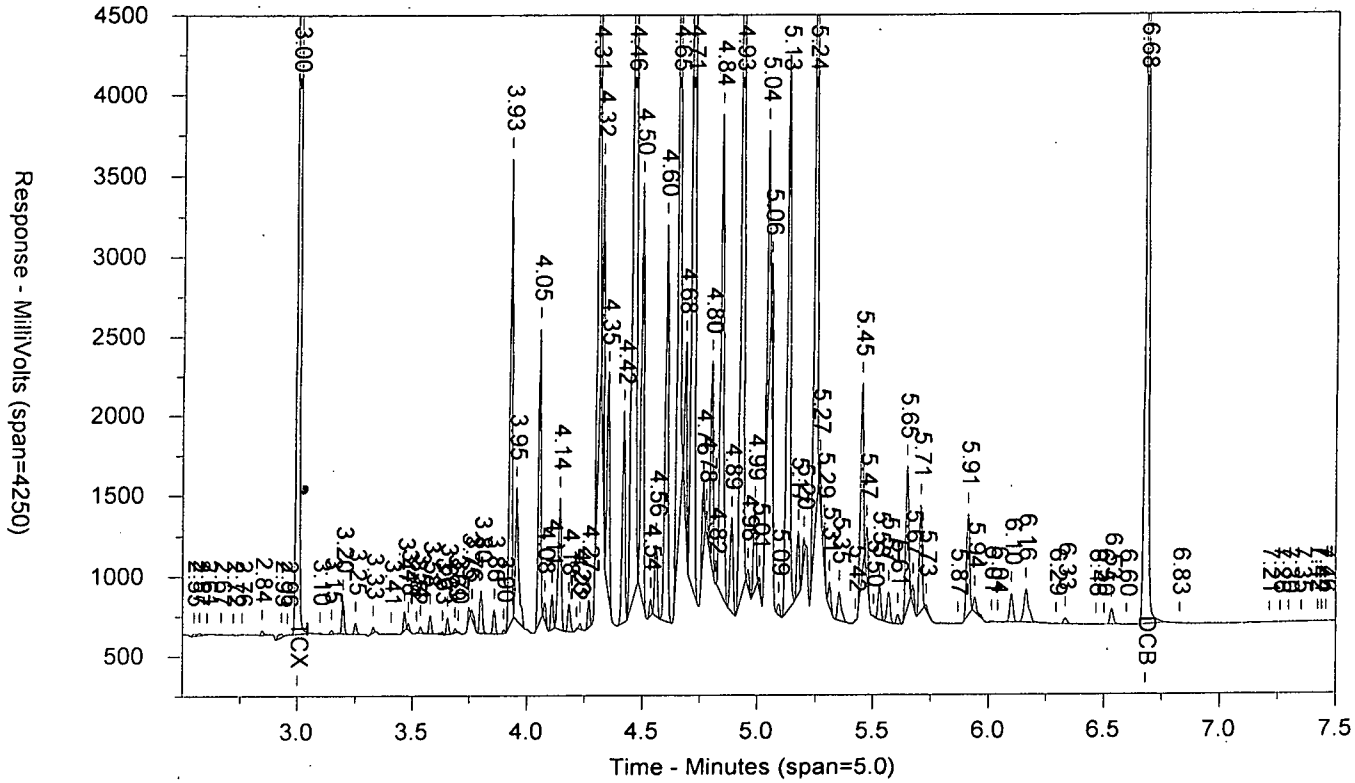
Sample Number: AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:37:02 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

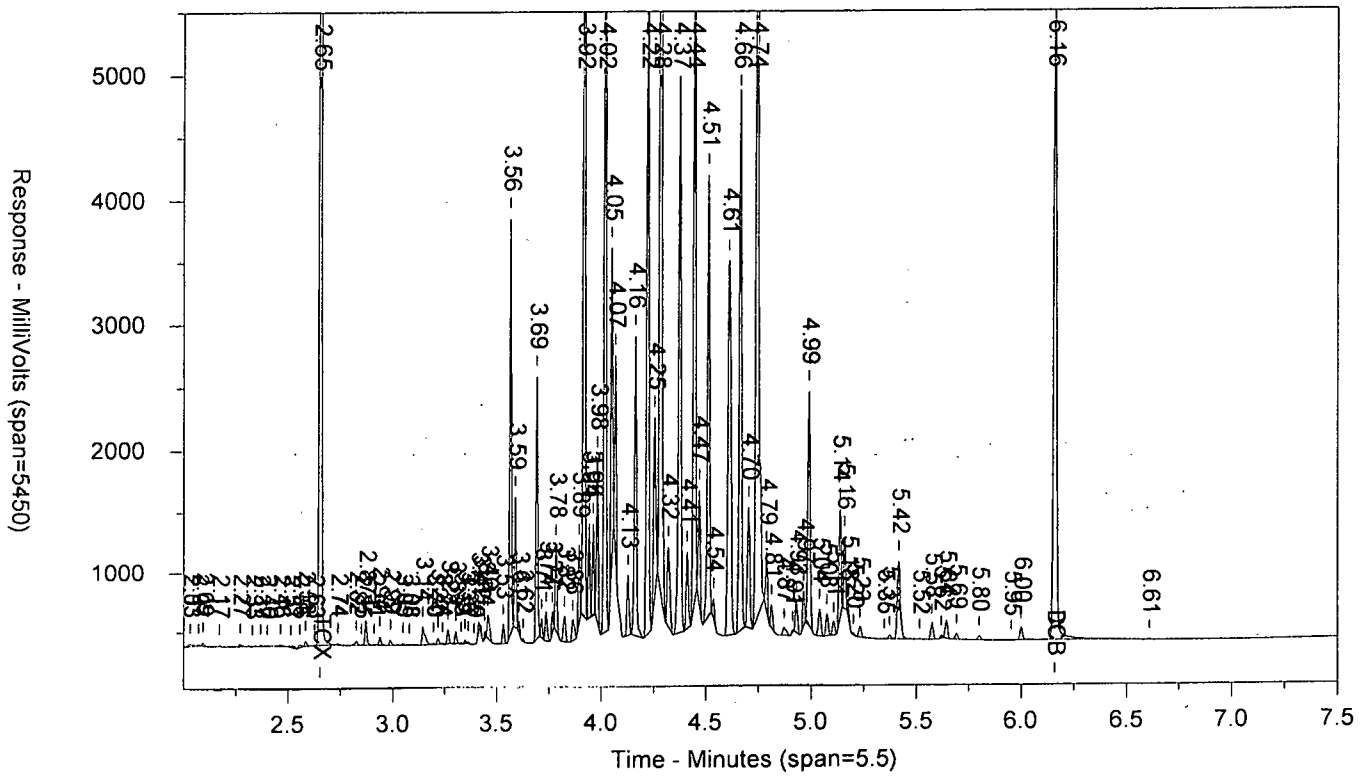
3.783		722487	445763
3.824		215792	169256
3.865		175620	149244
3.895		656904	380386
3.916		8055515	5142796
3.942		787316	446534
3.961		757631	417595
3.981		1348939	804680
4.016		6850446	4581681
4.049		2586622	1564495
4.066		1570670	826240
4.127		513124	352014
4.163		2434028	1791834
4.219		5481992	4009225
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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0023.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0023.RAW



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

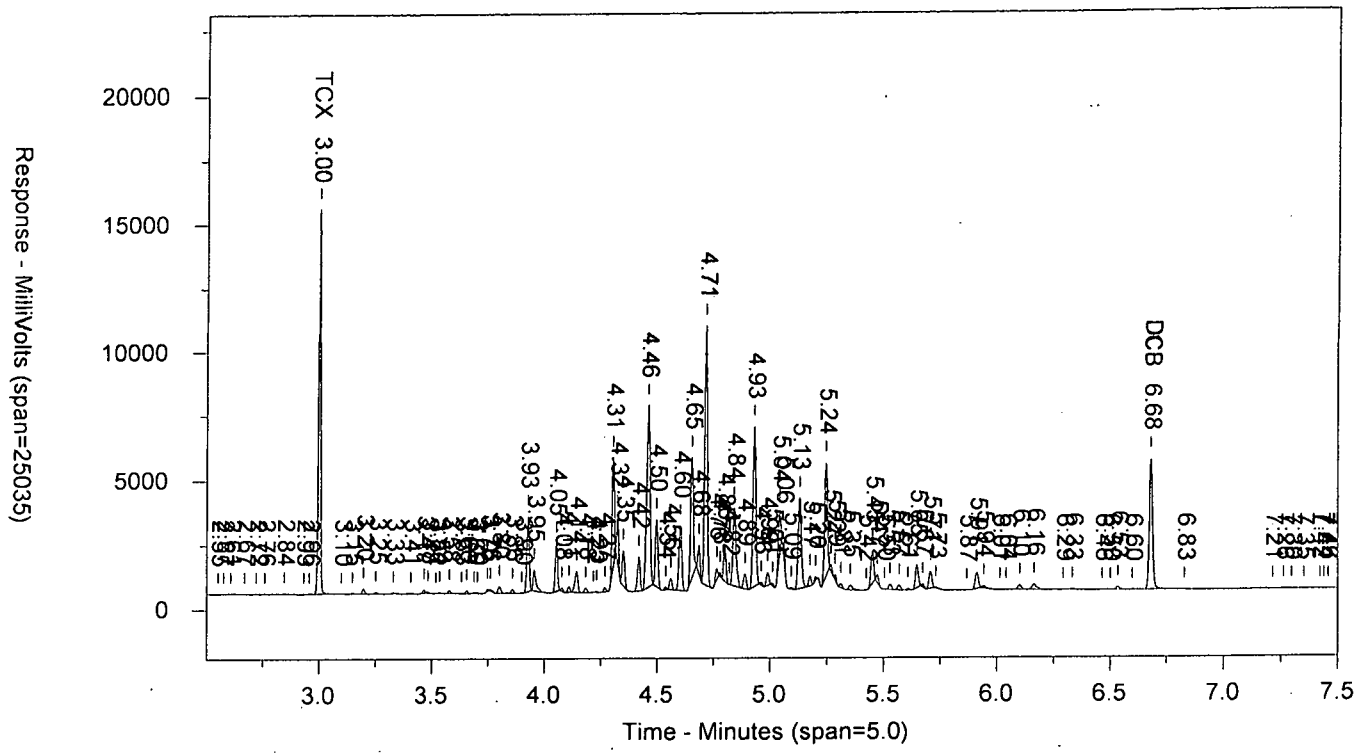
Analyst: 2855

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

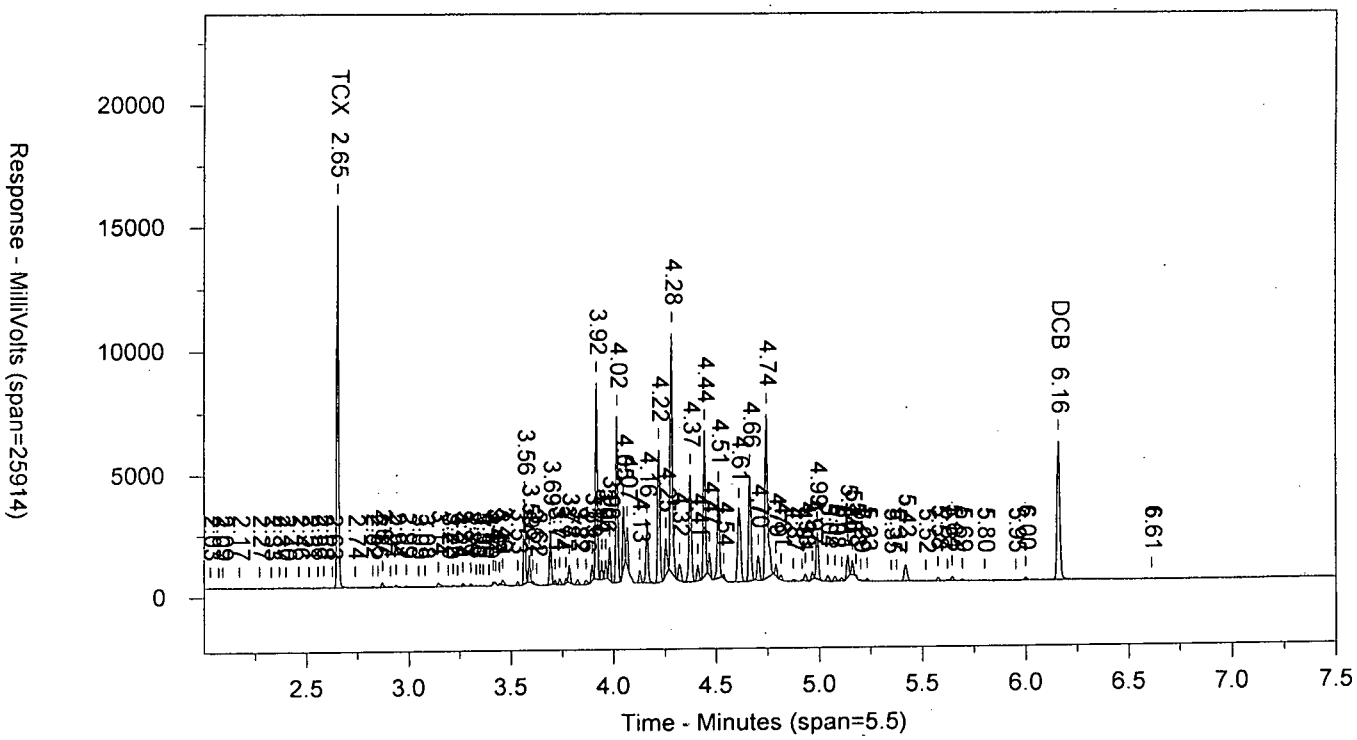
Files:
Area File: 07pcbs17250001.0023.RAW
Area File: 07pcbs17250001B.0023.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:45:46 AM
File Reported On: 9/8/2017 at 2:45:52 AM

AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0023.RAW

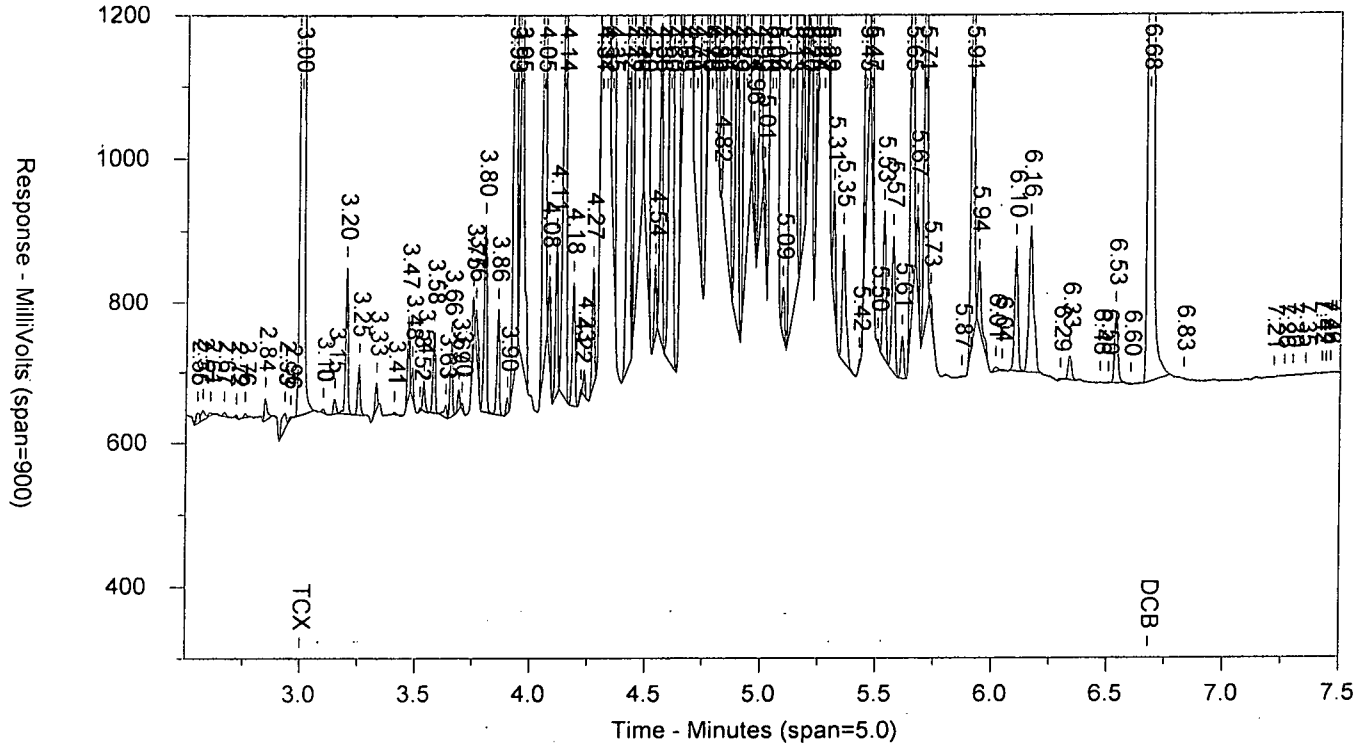


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0023.RAW

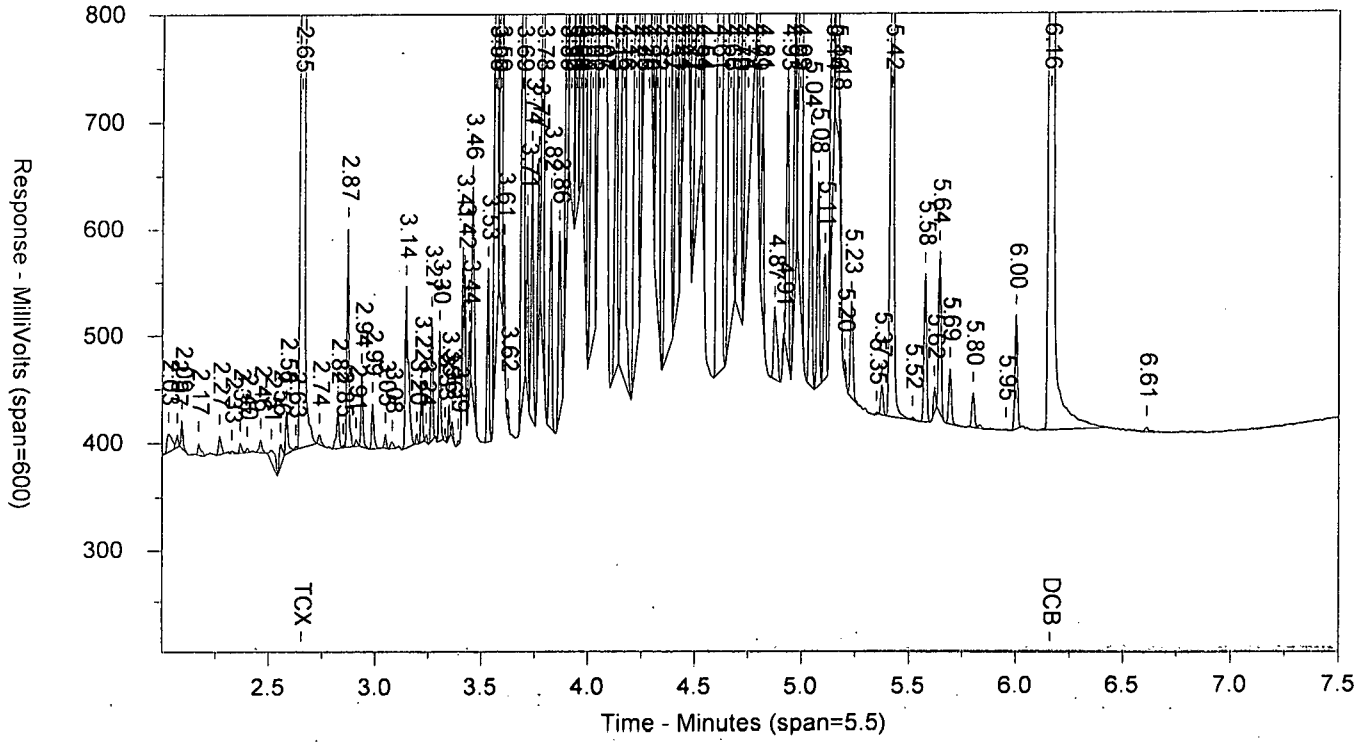


AR5451724B AAAR545AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0023.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0023.RAW



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

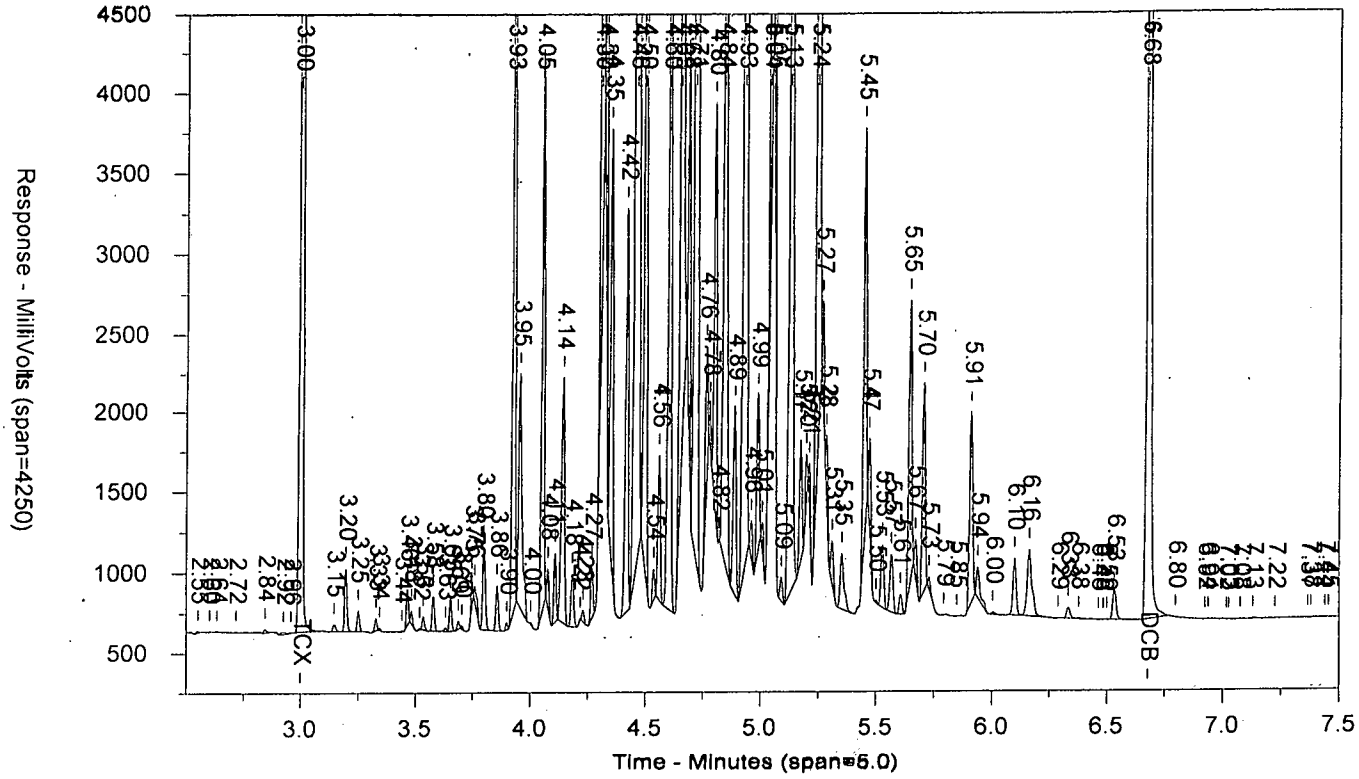
Sample Number: AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:48:19 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

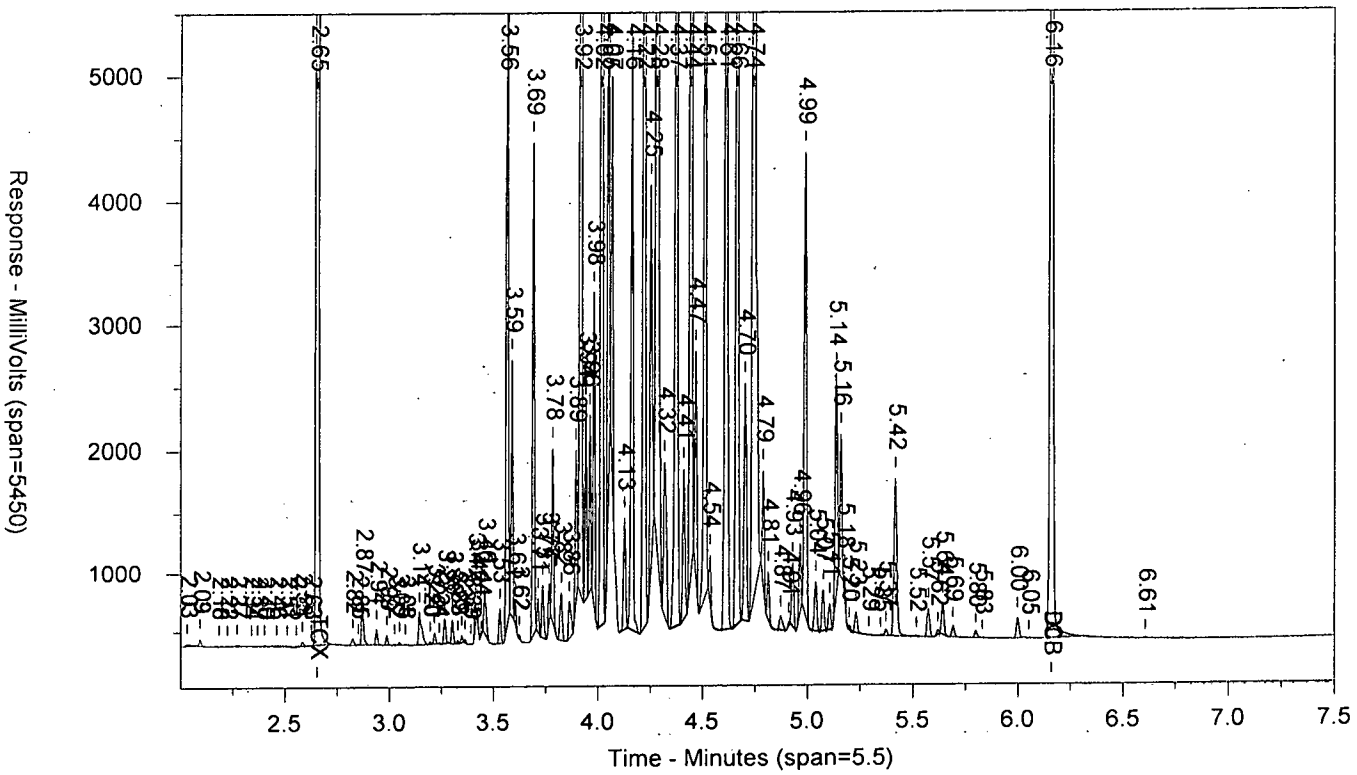
3.916		15708280	9997699
3.941		1570643	880990
3.961		1418360	782522
3.98		2537939	1520914
4.017		13221060	8938417
4.049		5144371	3114455
4.066		3061468	1597287
4.127		941701	668027
4.162		4806521	3480977
4.219		11099250	7921008
4.252		3093335	2232278
4.28		19445050	14014380
4.319		1253055	1207234
4.372		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

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0024.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0024.RAW



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

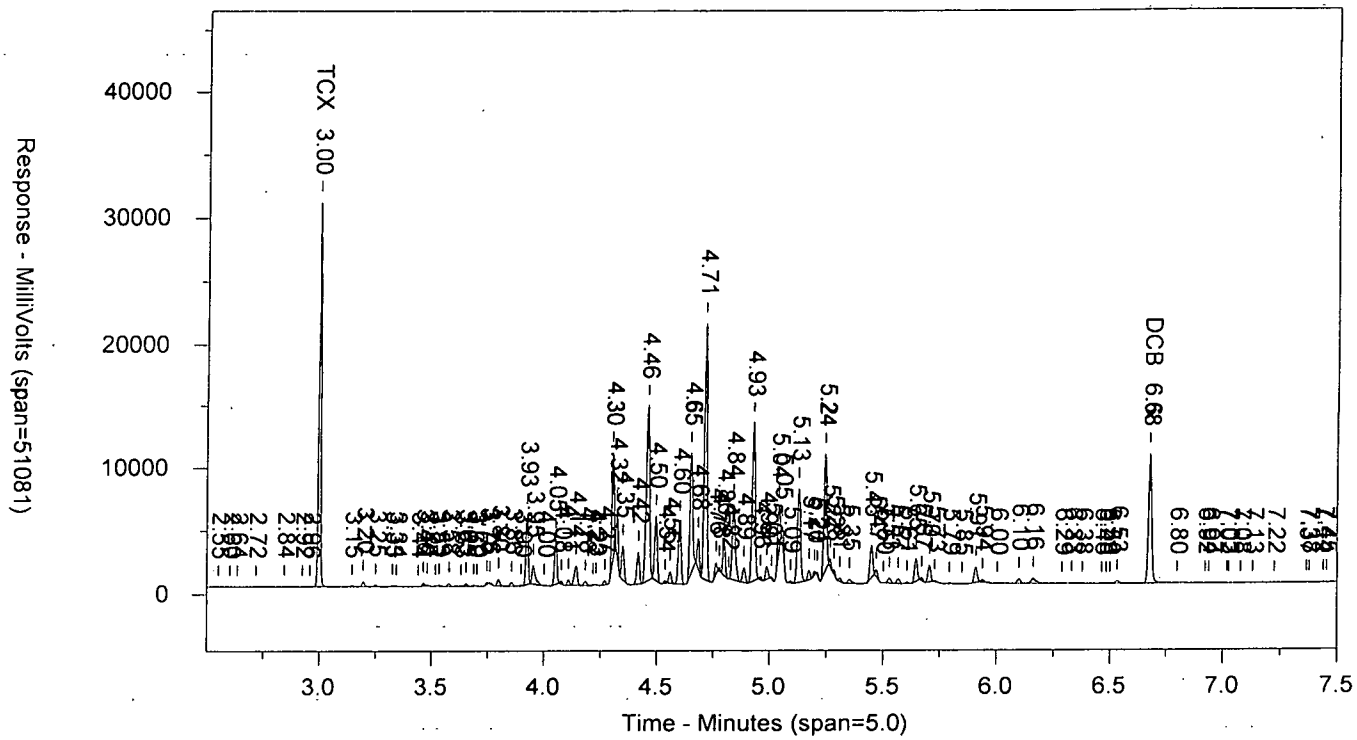
Analyst: 2855

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

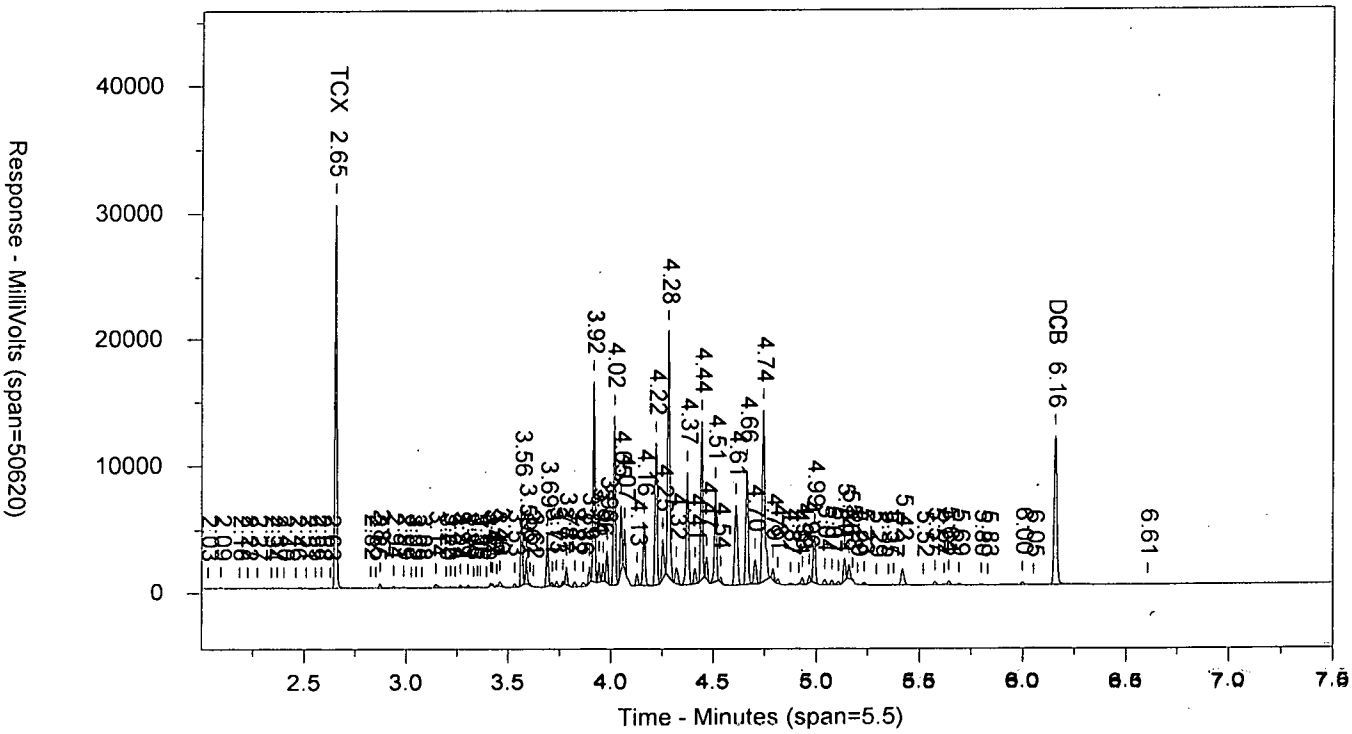
Files:
Area File: 07pcbs17250001.0024.RAW
Area File: 07pcbs17250001B.0024.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 2:57:01 AM
File Reported On: 9/8/2017 at 2:57:14 AM

AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0024.RAW

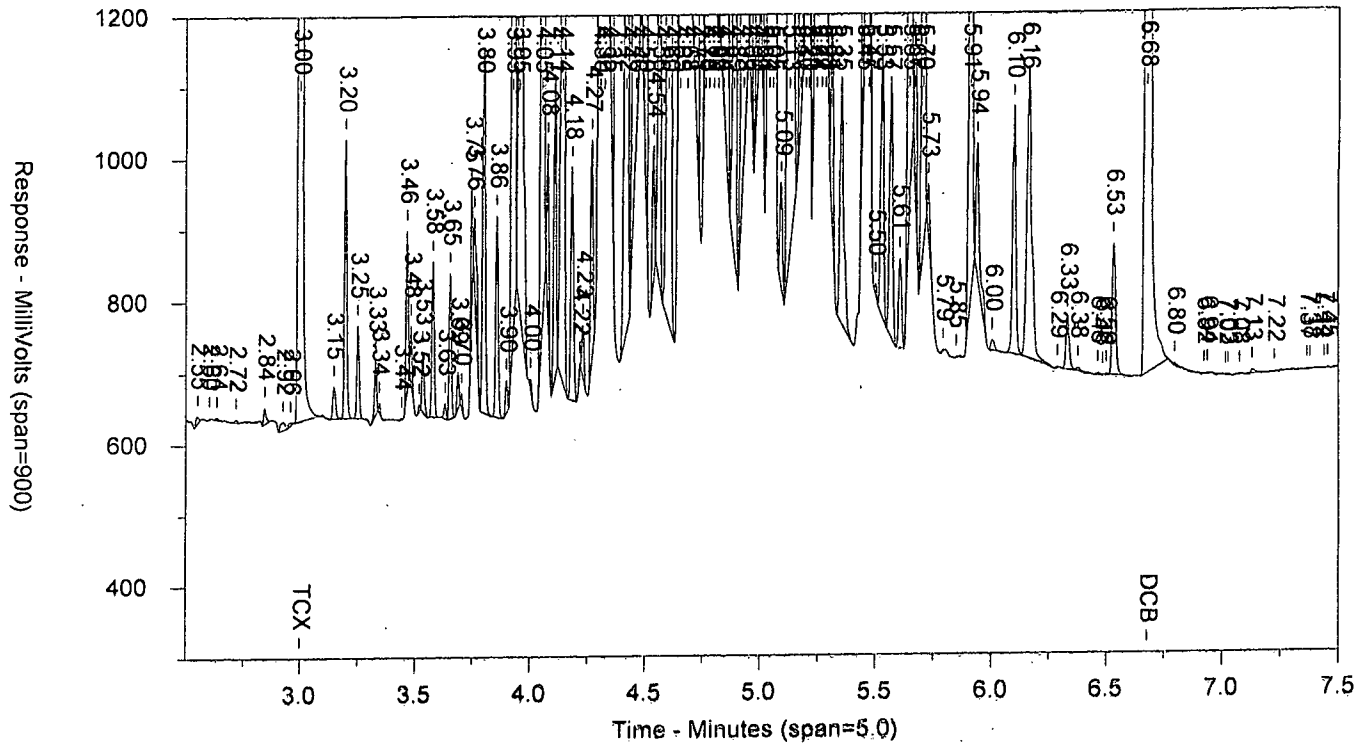


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0024.RAW

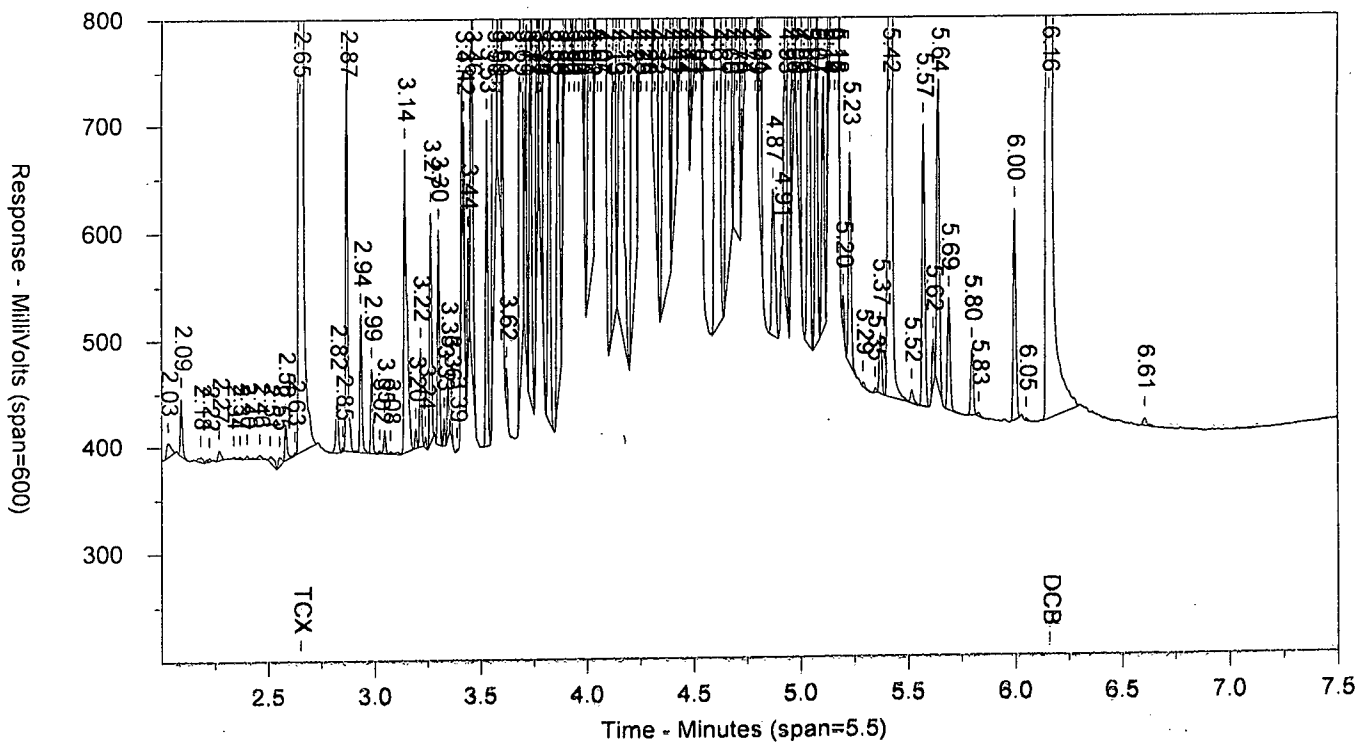


AR5461724A AAAR546AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0024.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0024.RAW



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

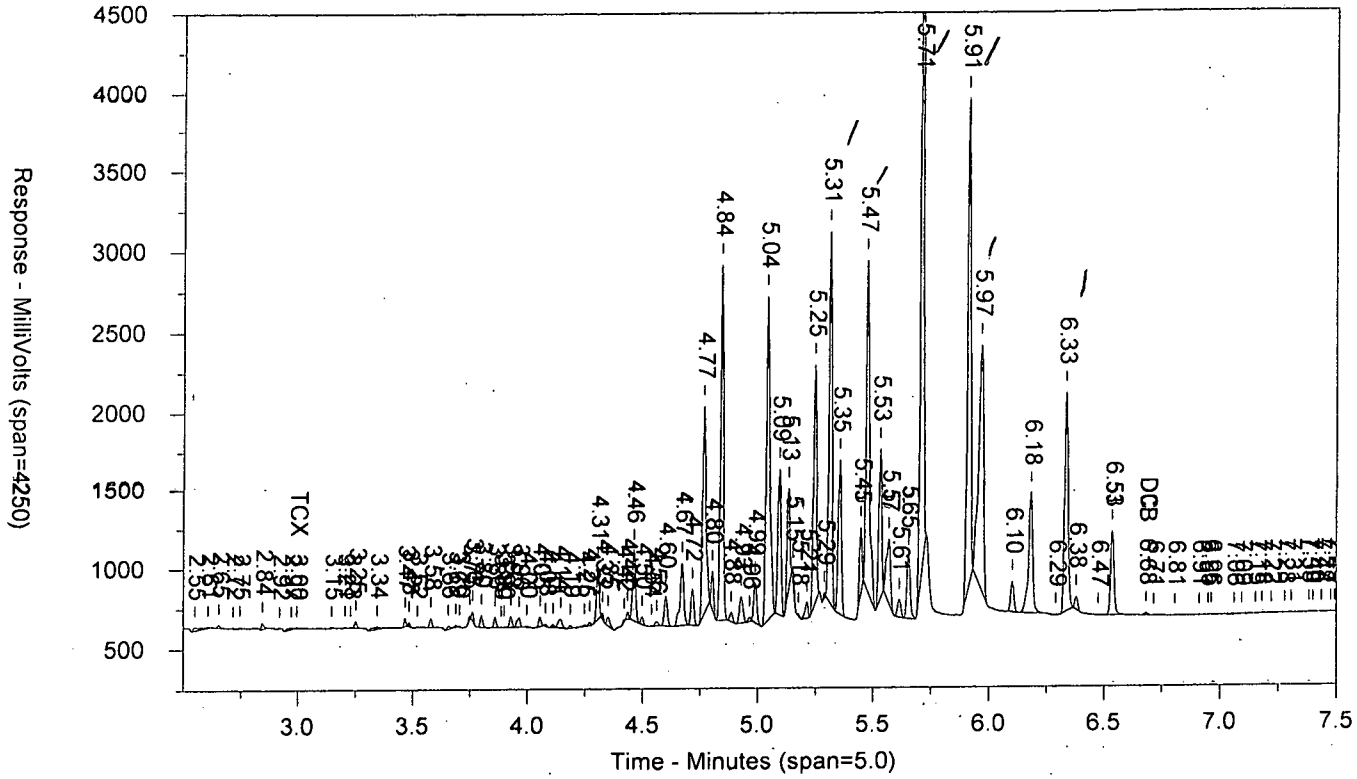
Sample Number: AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 2:59:50 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

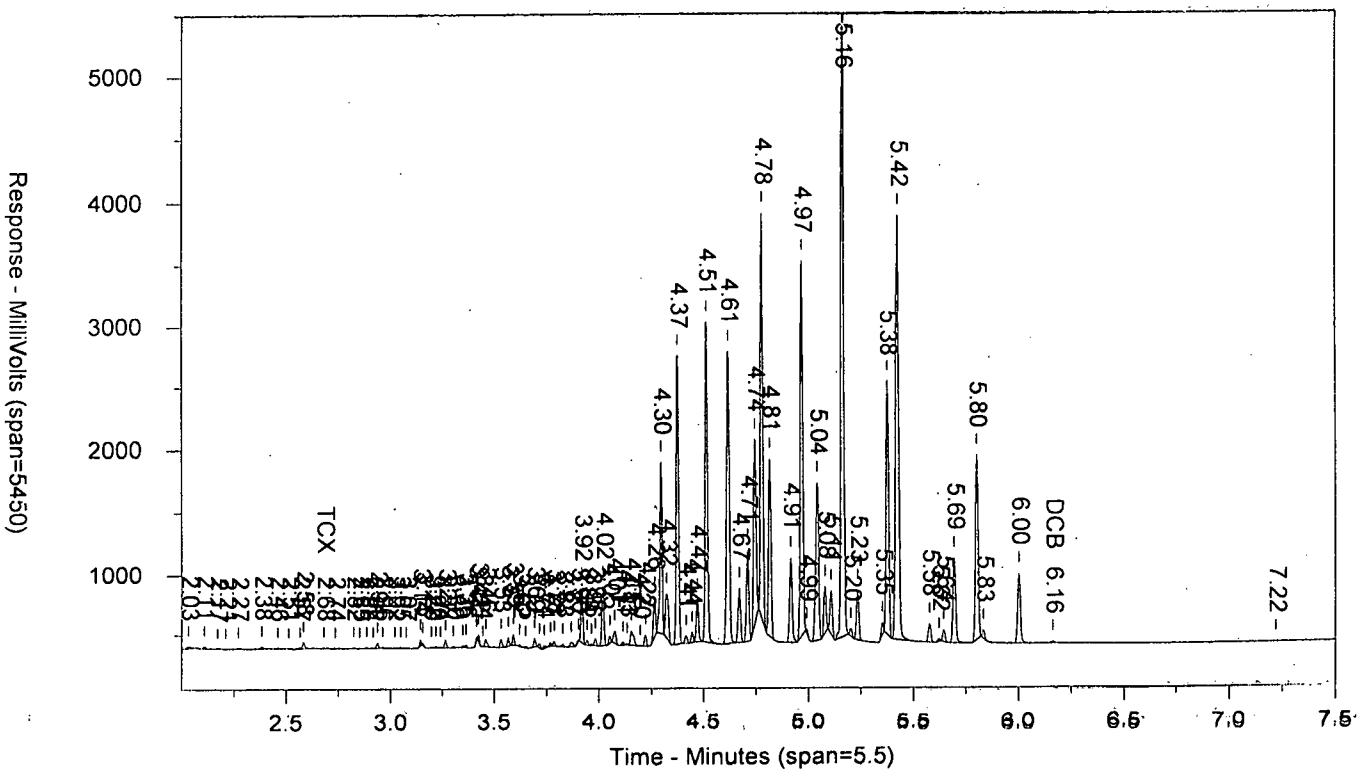
3.901		13008	11123
3.917		441610	287954
3.942		42318	24957
3.962		12216	5835
3.982		57102	36496
4.018		482607	340382
4.051		61707	38664
4.074		102624	86517
4.113		25665	14427
4.132		8041	4754
4.153		120028	127878
4.196		4895	2572
4.22		95367	65663
4.263		324000	221175
4.295		1372788	1025860
4.322		361353	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0025.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0025.RAW



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

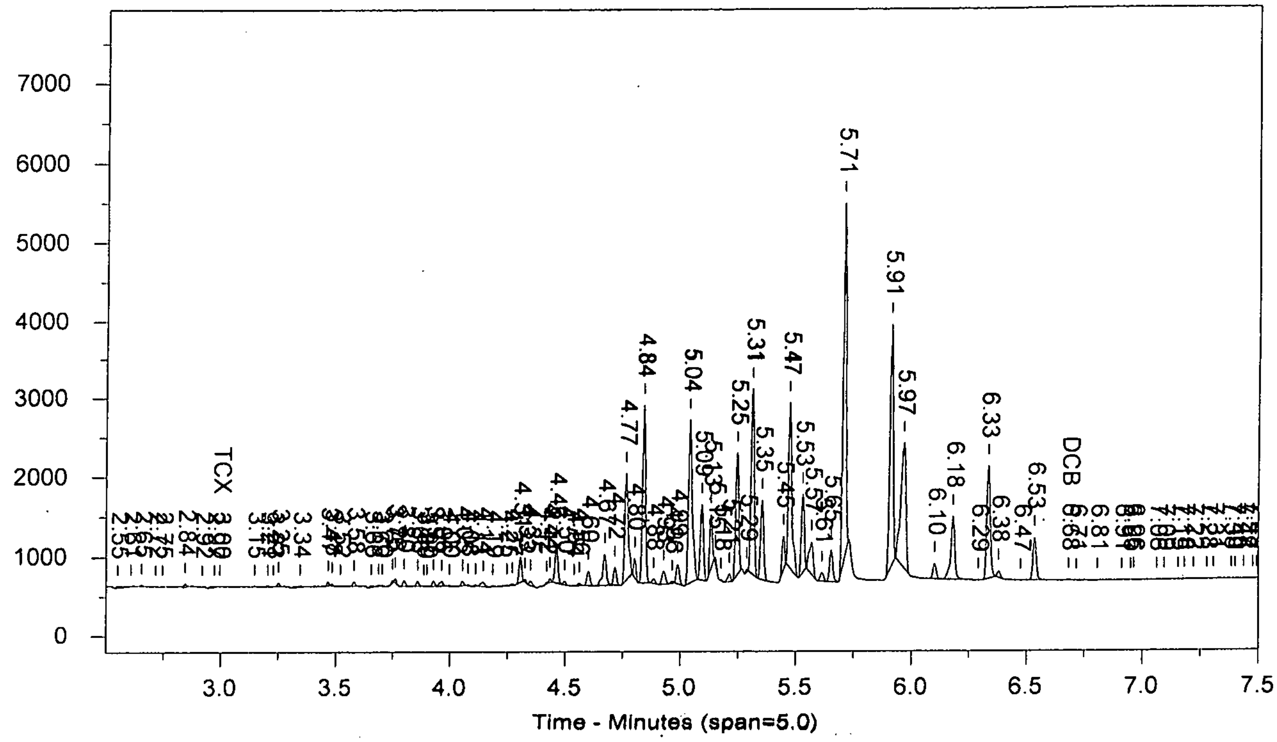
Analyst: 2855

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

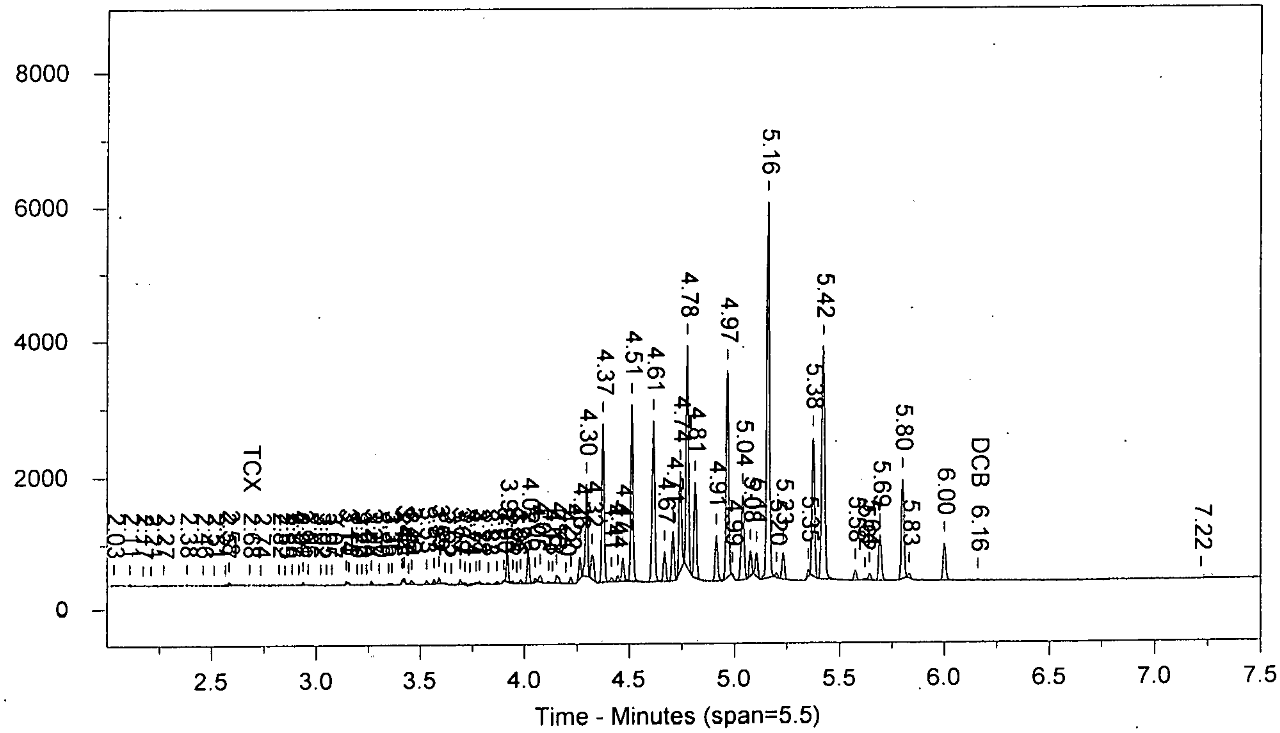
Files:
Area File: 07pcbs17250001.0025.RAW
Area File: 07pcbs17250001B.0025.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:08:33 AM
File Reported On: 9/8/2017 at 3:08:46 AM

AR6231724A AAAR623AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0025.RAW



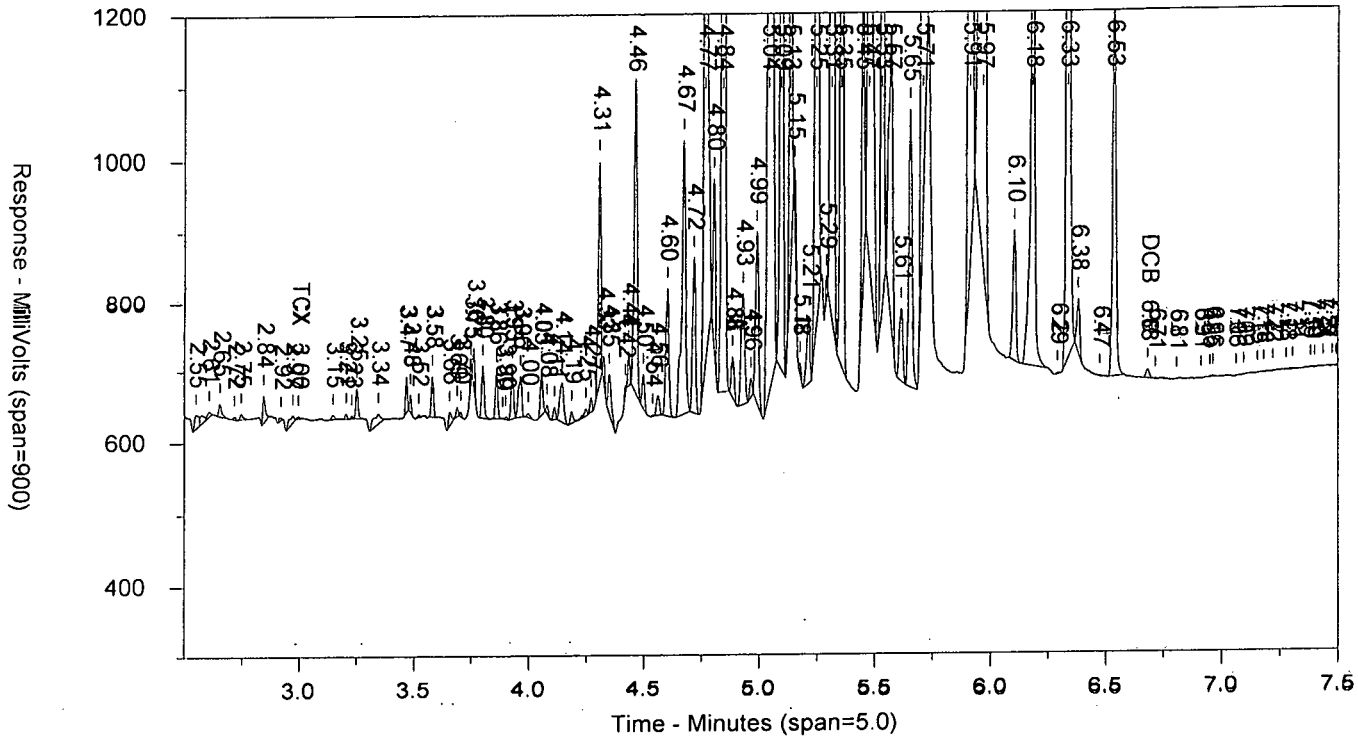
—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0025.RAW



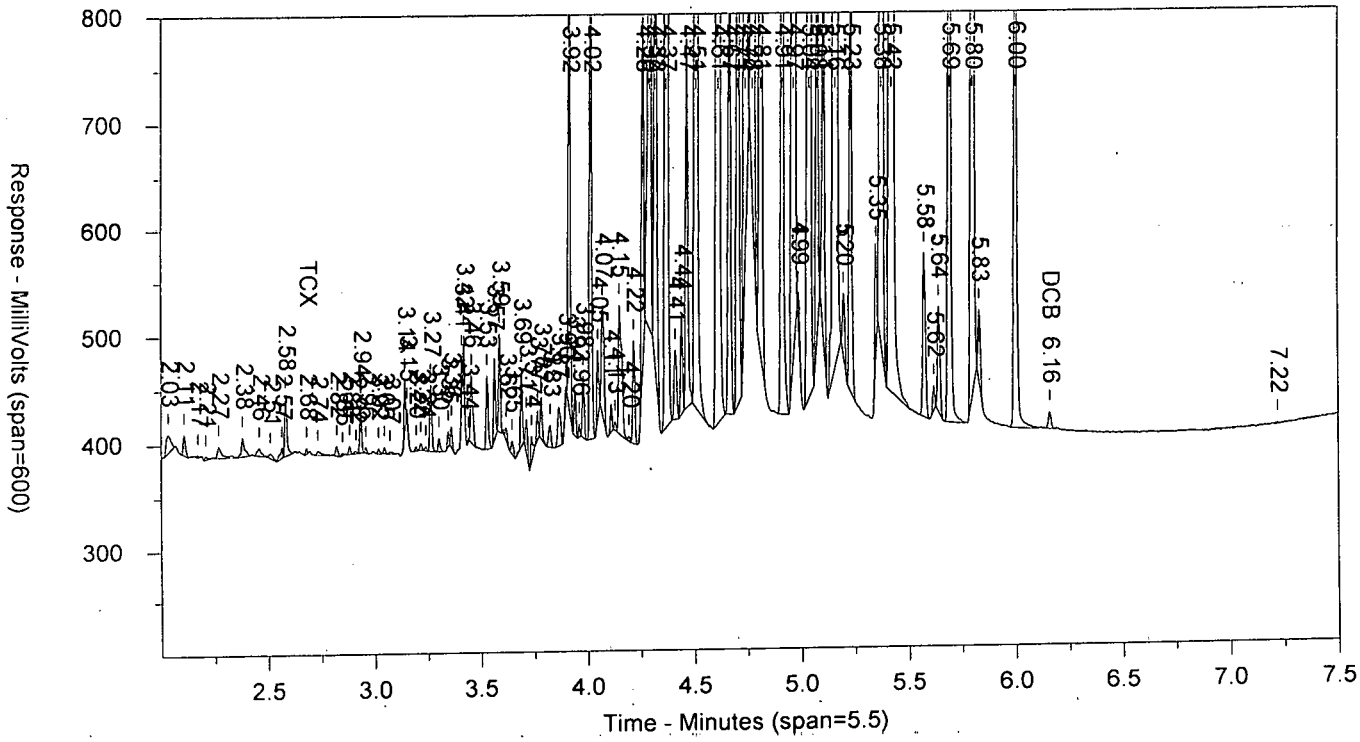
Printed on 9/8/2017 3:08:49 AM

AR6231724A **AAAR623AA** **ICAL 1724999999** **10736** **SW-846 8082**

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0025.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0025.RAW



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

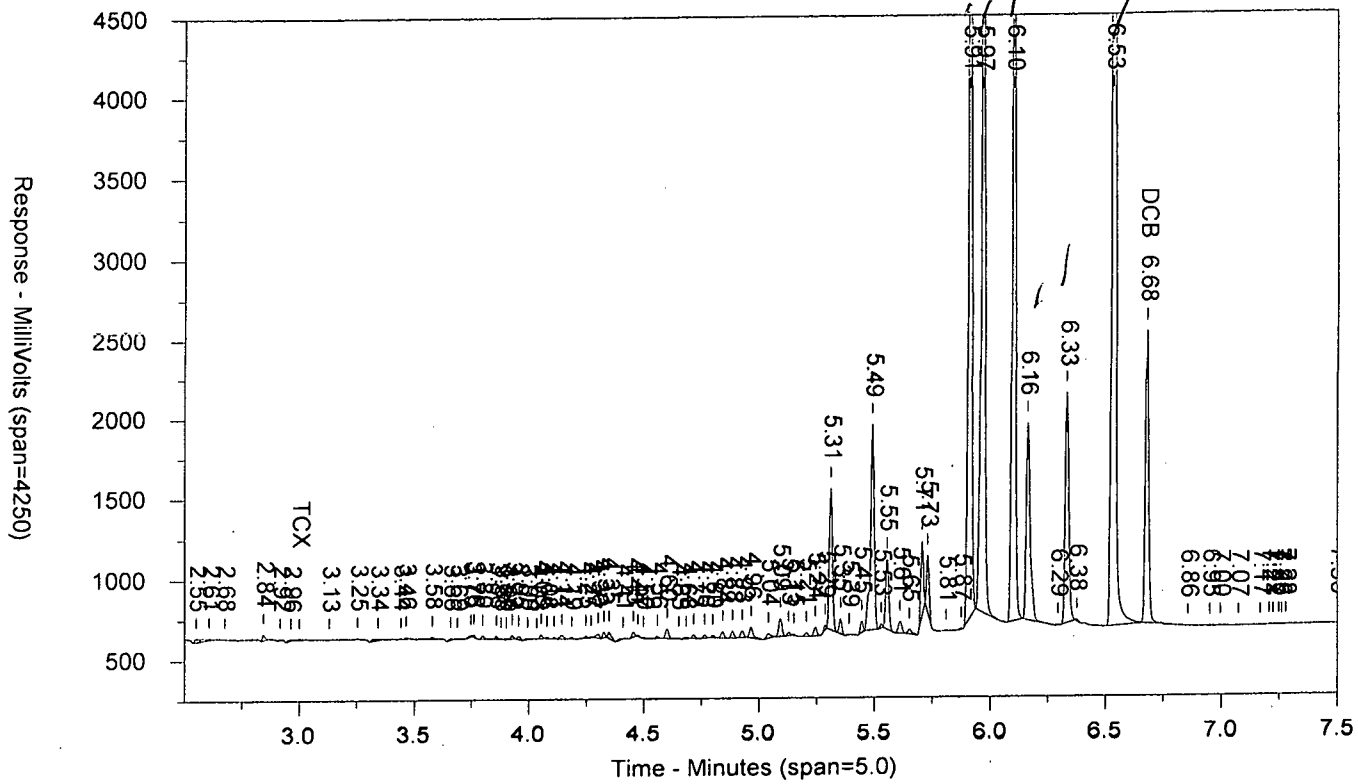
Sample Number: AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:11:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

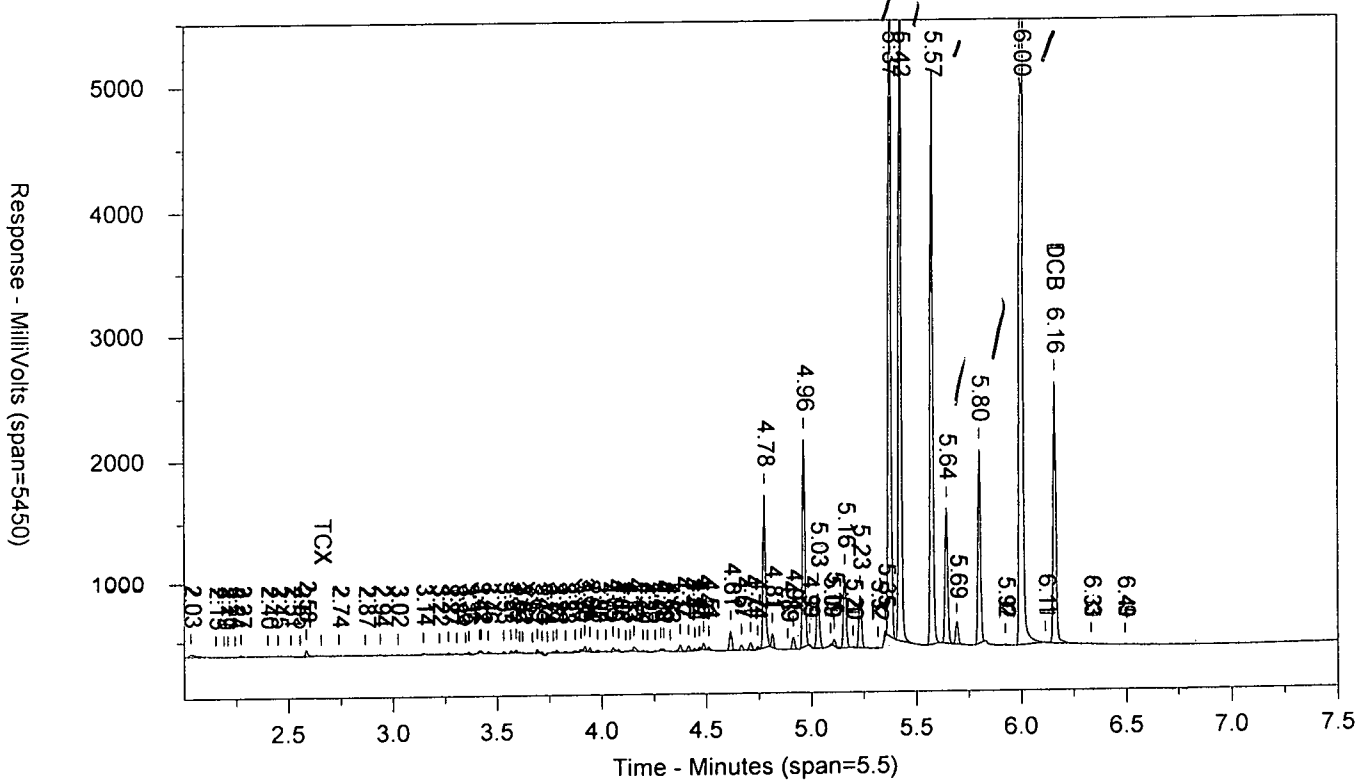
4.197		8150	5145
4.217		9625	5328
4.255		5992	6844
4.282		11540	6388
4.295		10802	5825
4.325		3645	3157
4.374		52143	47089
4.414		44138	32240
4.443		18270	11931
4.466		22199	12822
4.485		56222	36768
4.51		22963	13801
4.615		160122	134078
4.666		40485	33231
4.71		60525	53914
4.744		24773	17961
4.776		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0026.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0026.RAW



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

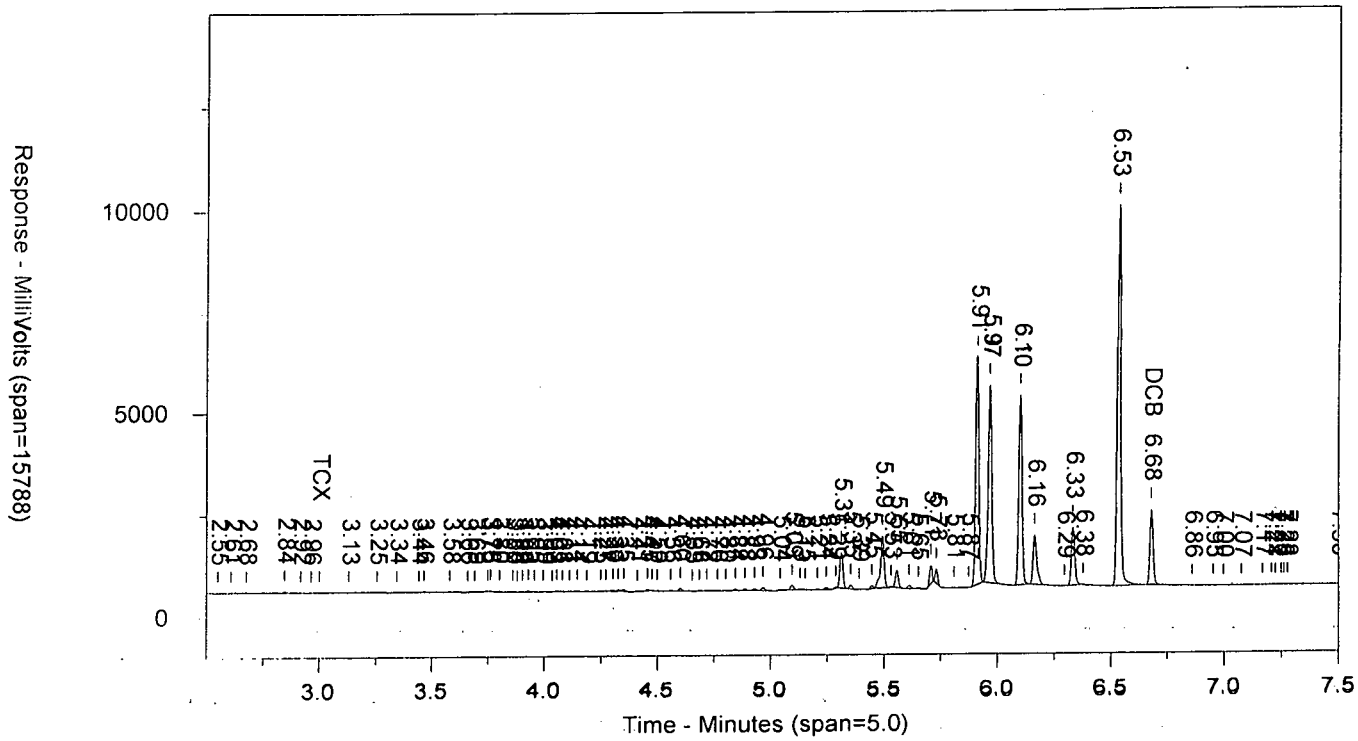
Analyst: 2855

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

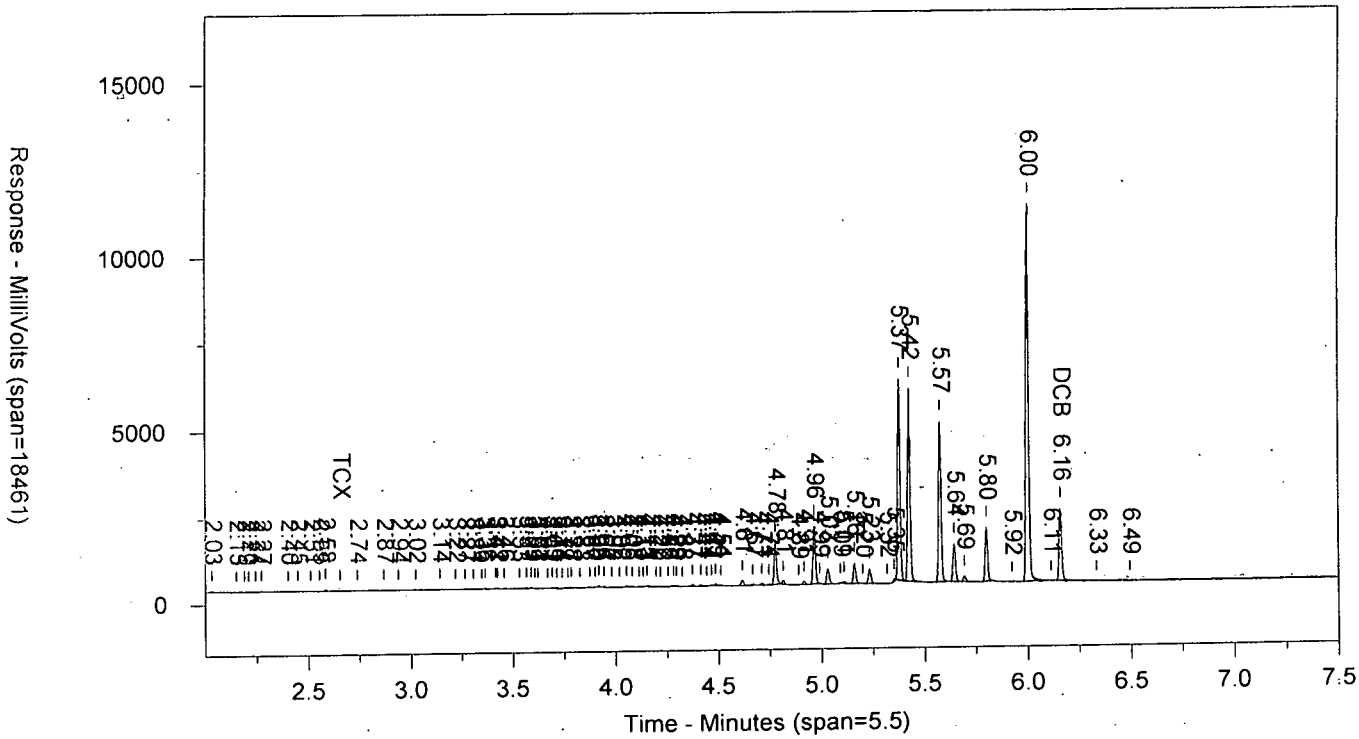
Files:
Area File: 07pcbs17250001.0026.RAW
Area File: 07pcbs17250001B.0026.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:20:01 AM
File Reported On: 9/8/2017 at 3:20:18 AM

AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0026.RAW

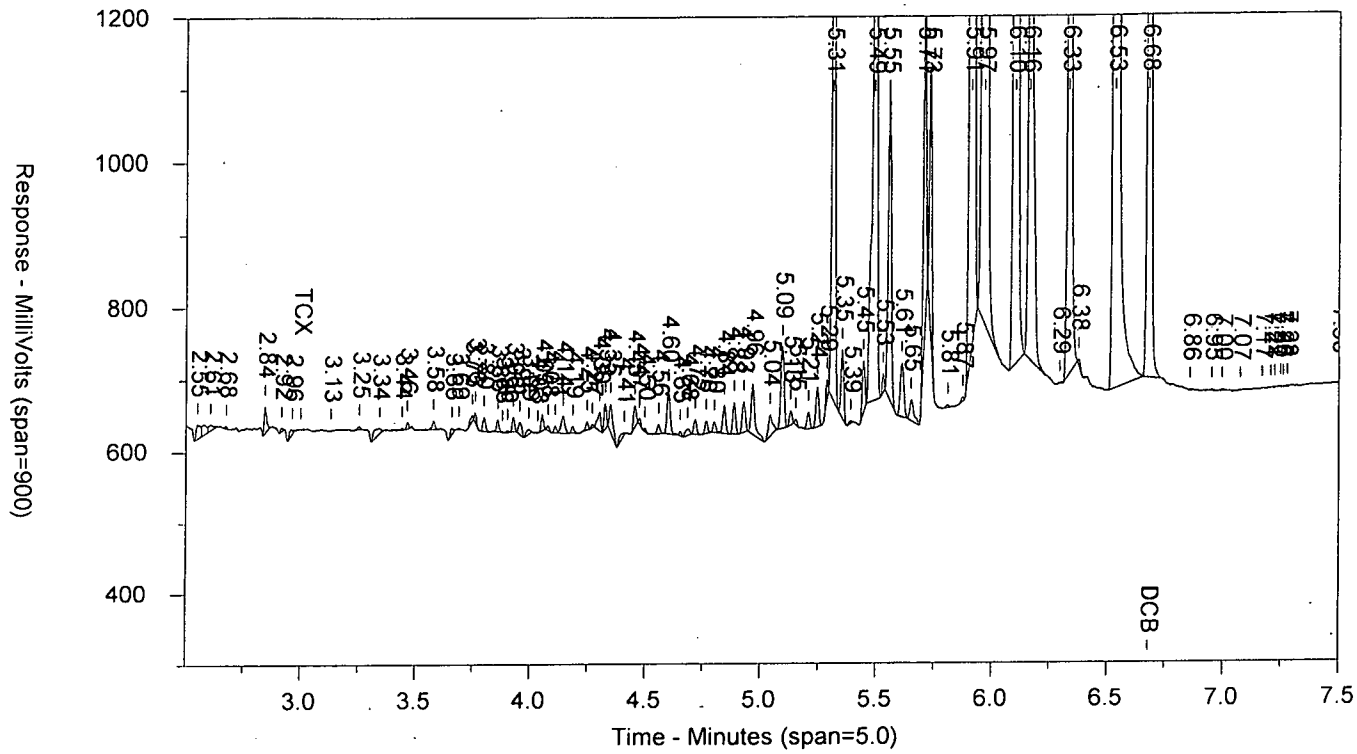


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0026.RAW

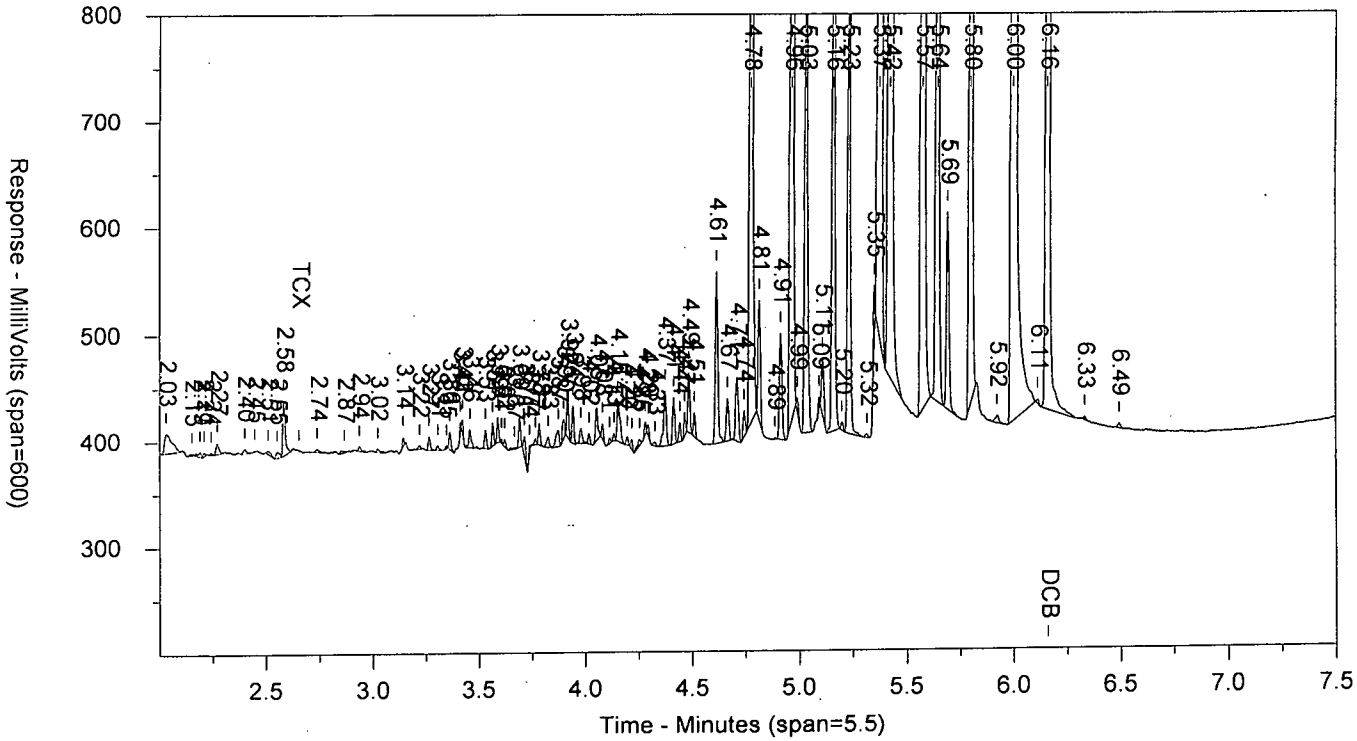


AR6831724B AAAR683AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0026.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0026.RAW



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

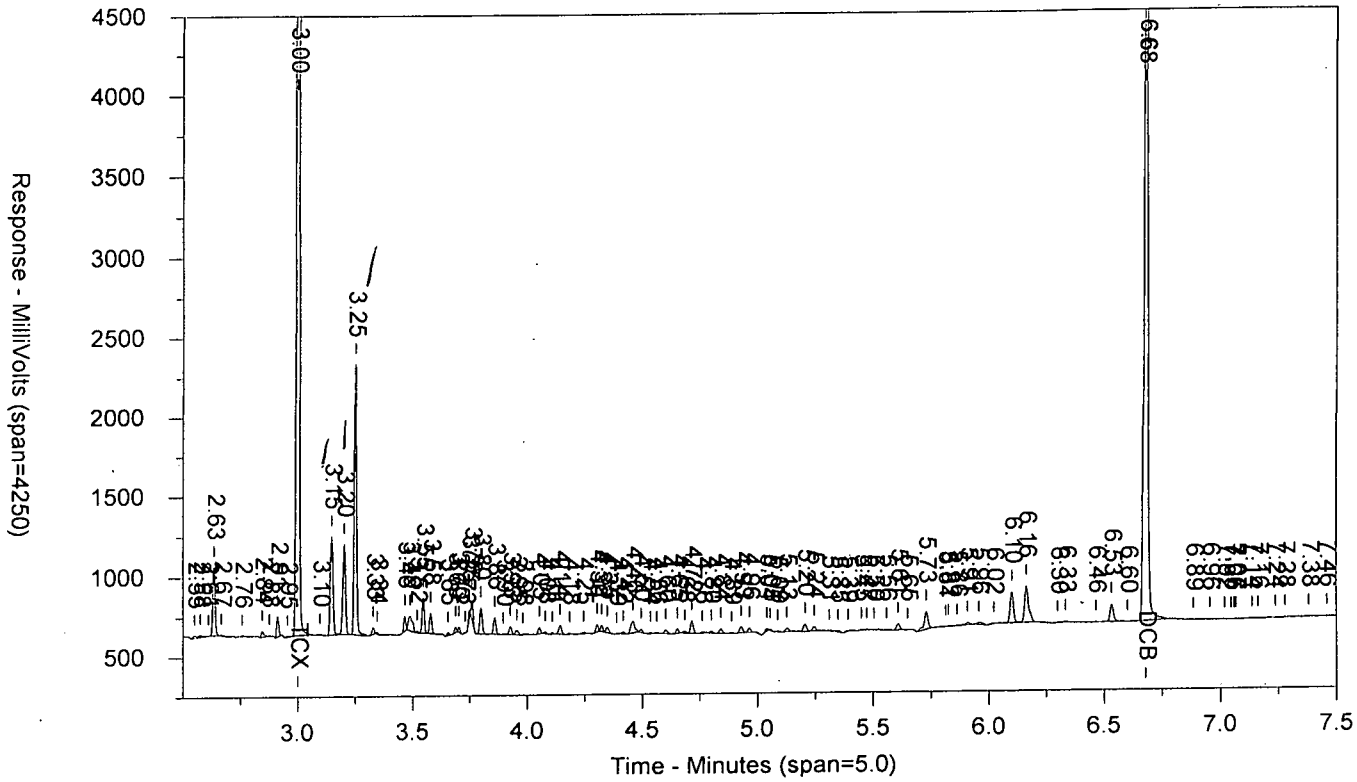
Sample Number: AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:22:45 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

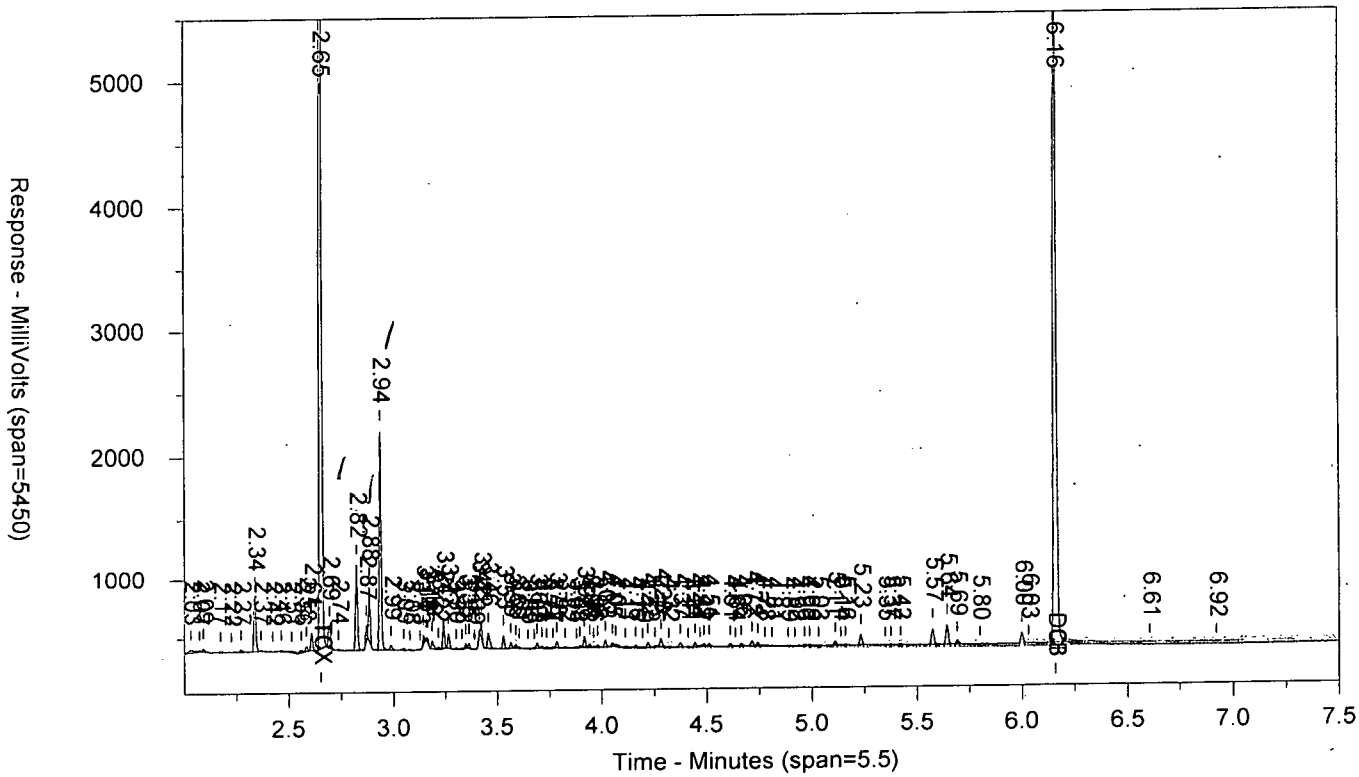
3.676		3218	2183
3.69		48887	29346
3.713		17638	10243
3.736		13190	8681
3.765		8488	3979
3.784		59878	38959
3.824		10600	7024
3.878		5951	3456
3.895		19131	10639
3.916		103329	67072
3.942		32946	19913
3.961		5716	2554
3.98		24151	16214
4.016		66277	43054
4.05		28237	17397
4.066		13633	14337
4.113		10790	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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0027.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0027.RAW



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

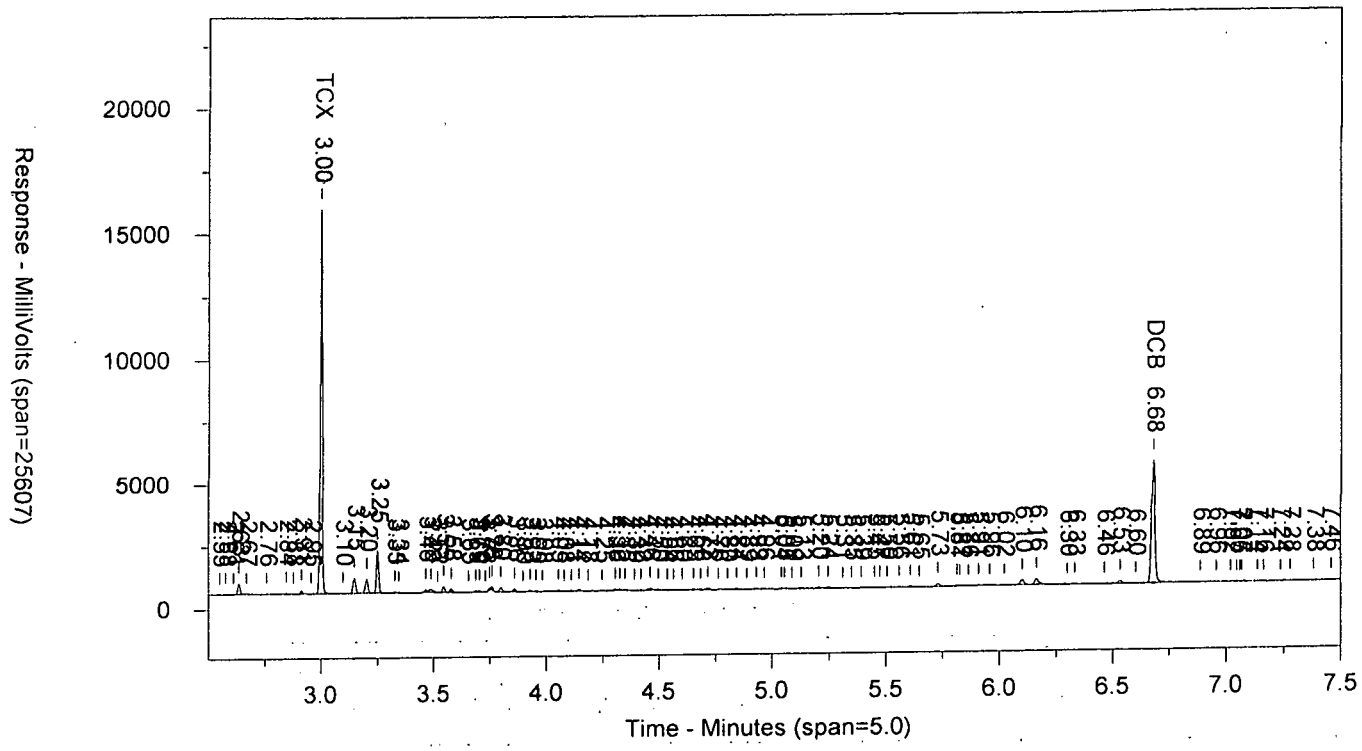
Analyst: 2855

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

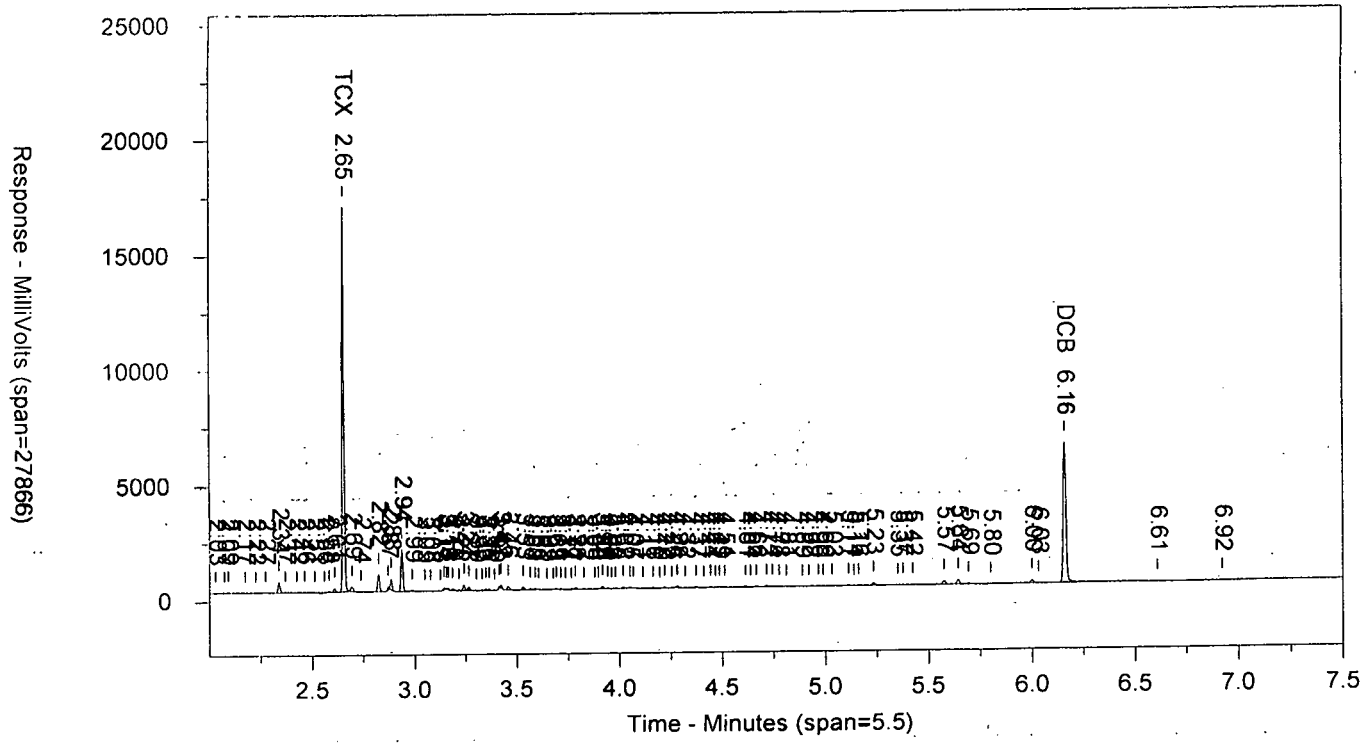
Files:
Area File: 07pcbs17250001.0027.RAW
Area File: 07pcbs17250001B.0027.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:31:28 AM
File Reported On: 9/8/2017 at 3:31:44 AM

AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0027.RAW

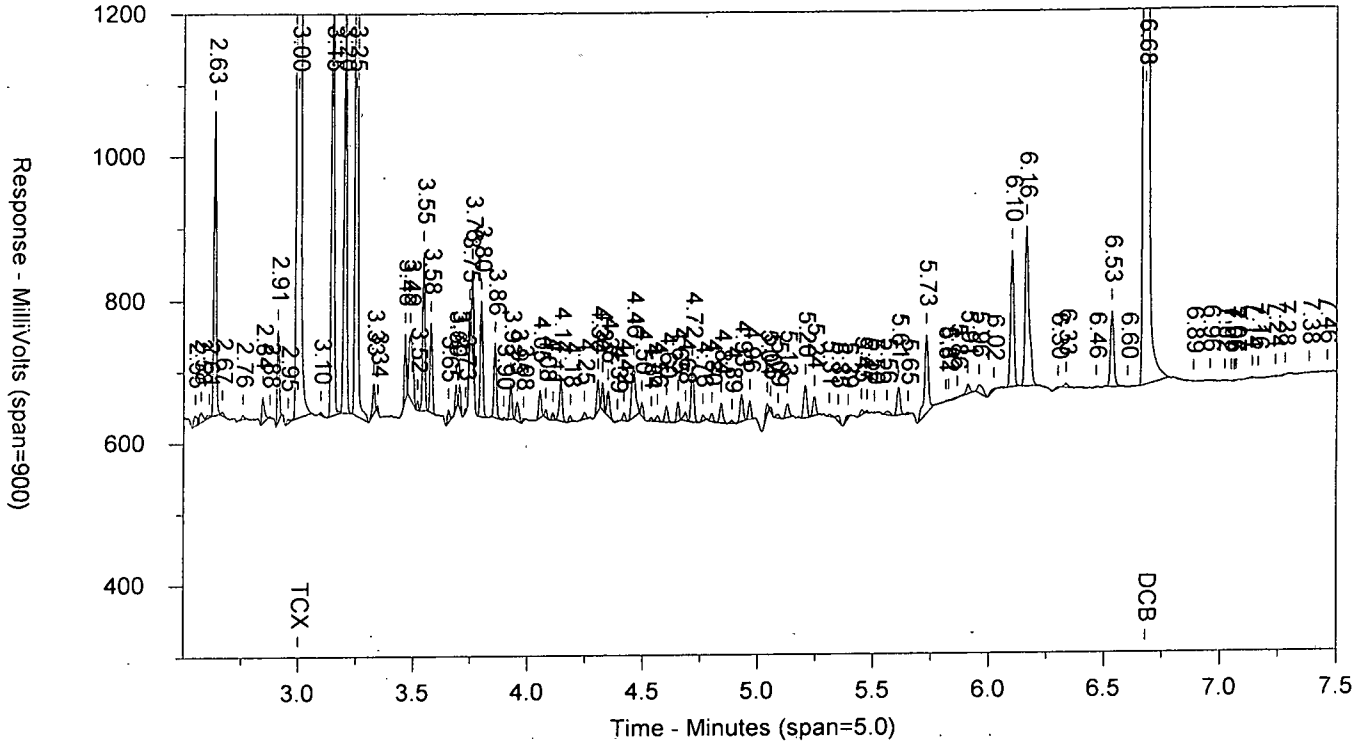


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0027.RAW

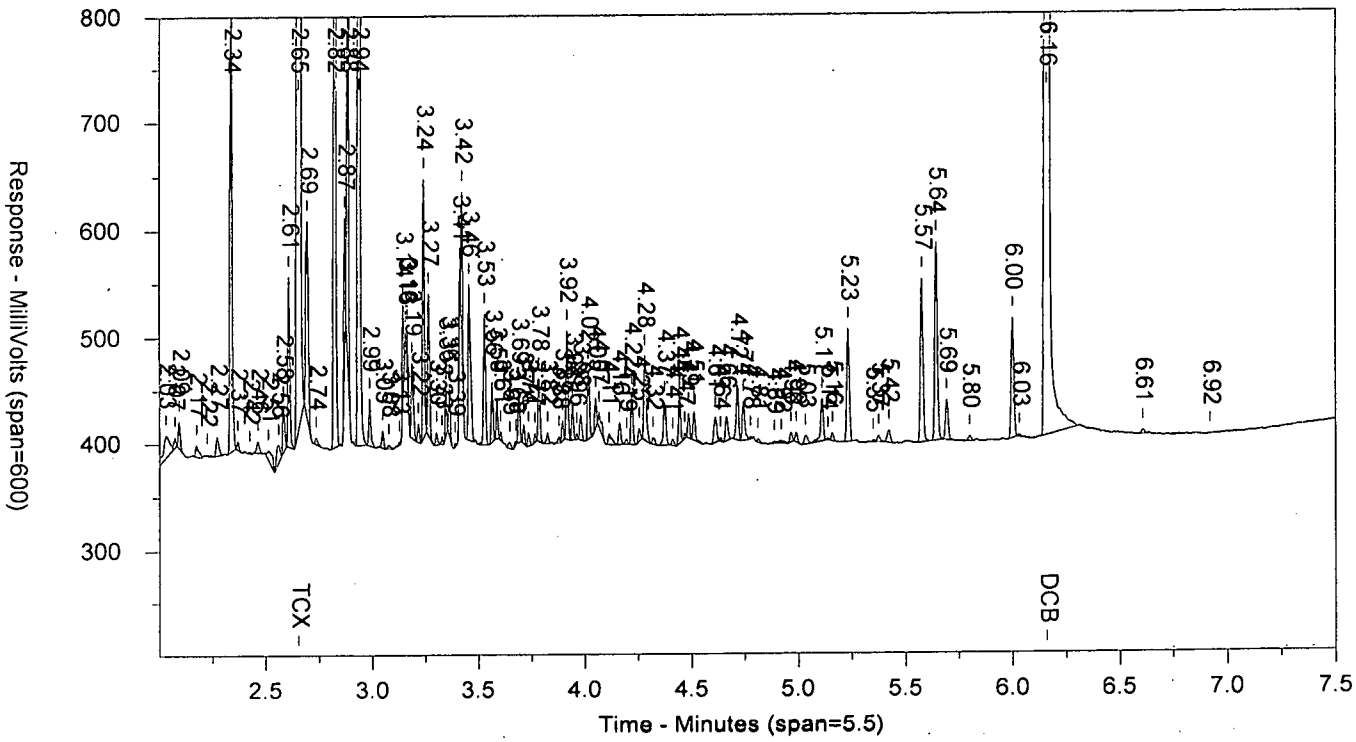


AR2131724A AAAR213AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0027.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0027.RAW



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

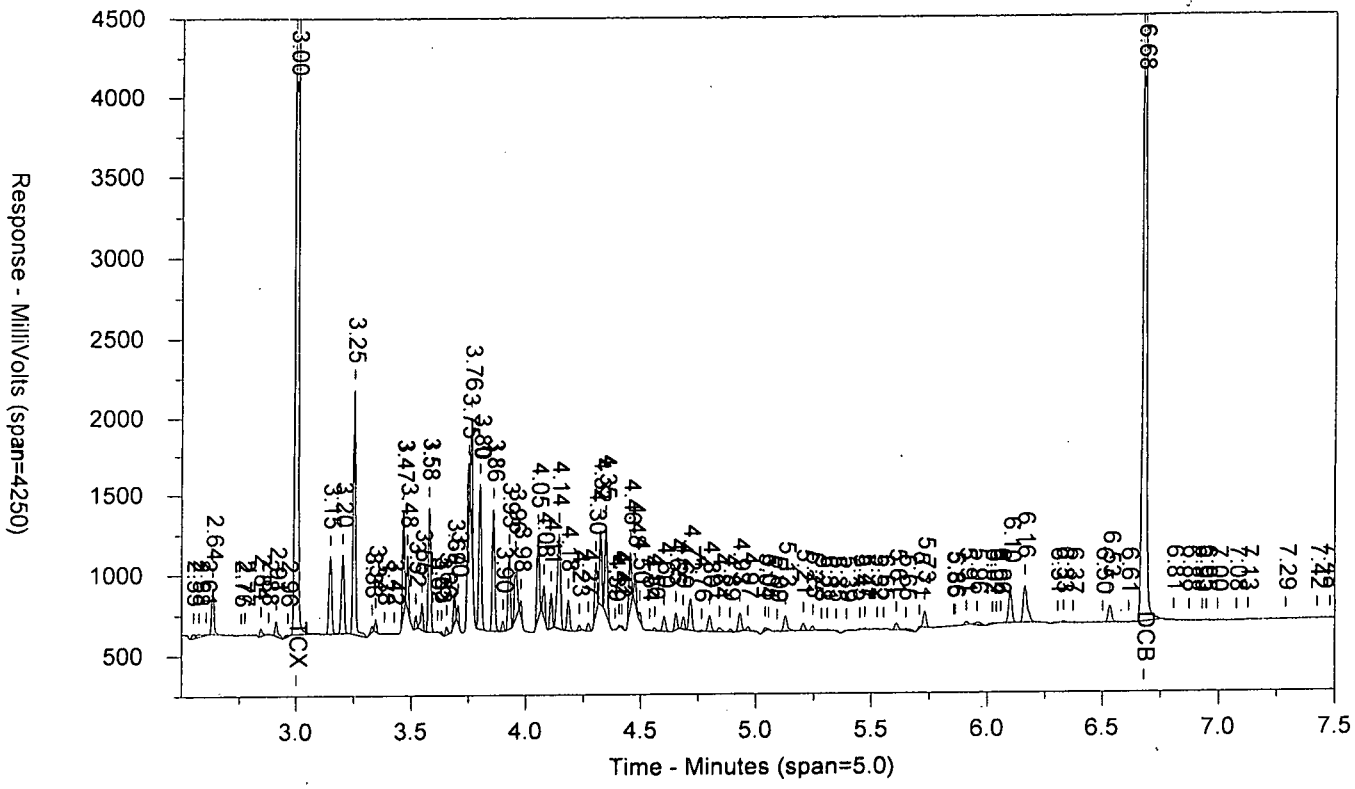
Sample Number: AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:34:14 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

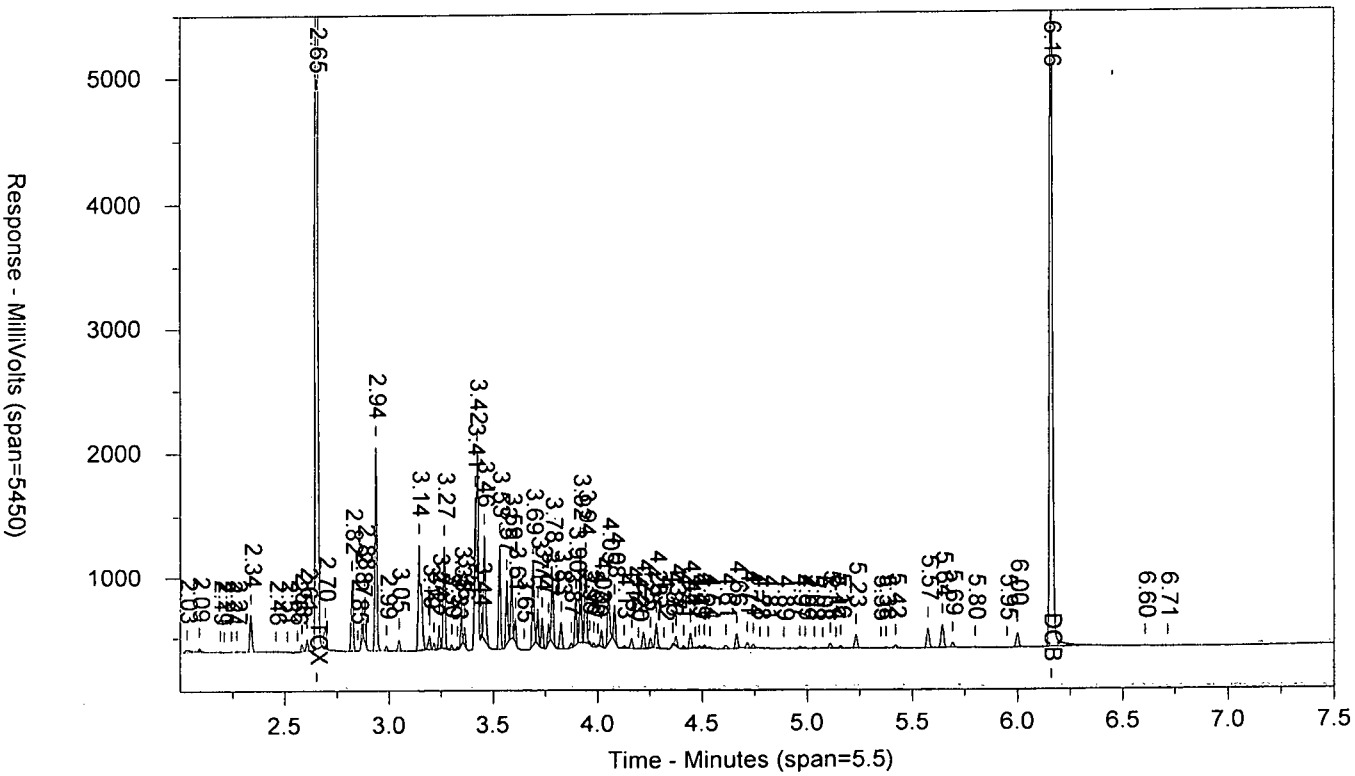
3.895		368648	229345
3.917		771458	473116
3.942		646967	410762
3.961		26651	11002
3.981		35716	20597
4.001		15337	7294
4.017		139905	87640
4.053		424237	306648
4.081		291919	173772
4.127		20043	17571
4.163		83969	64398
4.196		3900	2129
4.22		139162	102554
4.253		83721	58604
4.281		204682	155137
4.319		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0028.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0028.RAW



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

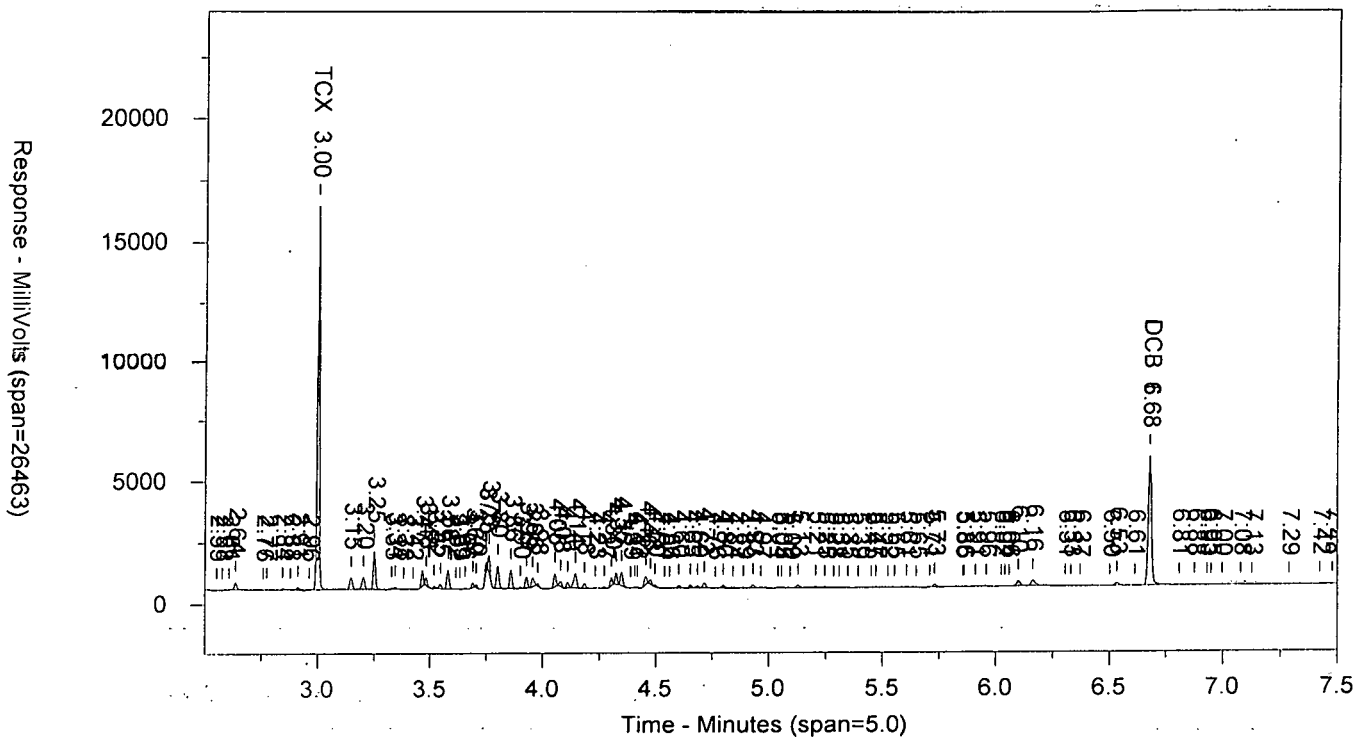
Analyst: 2855

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

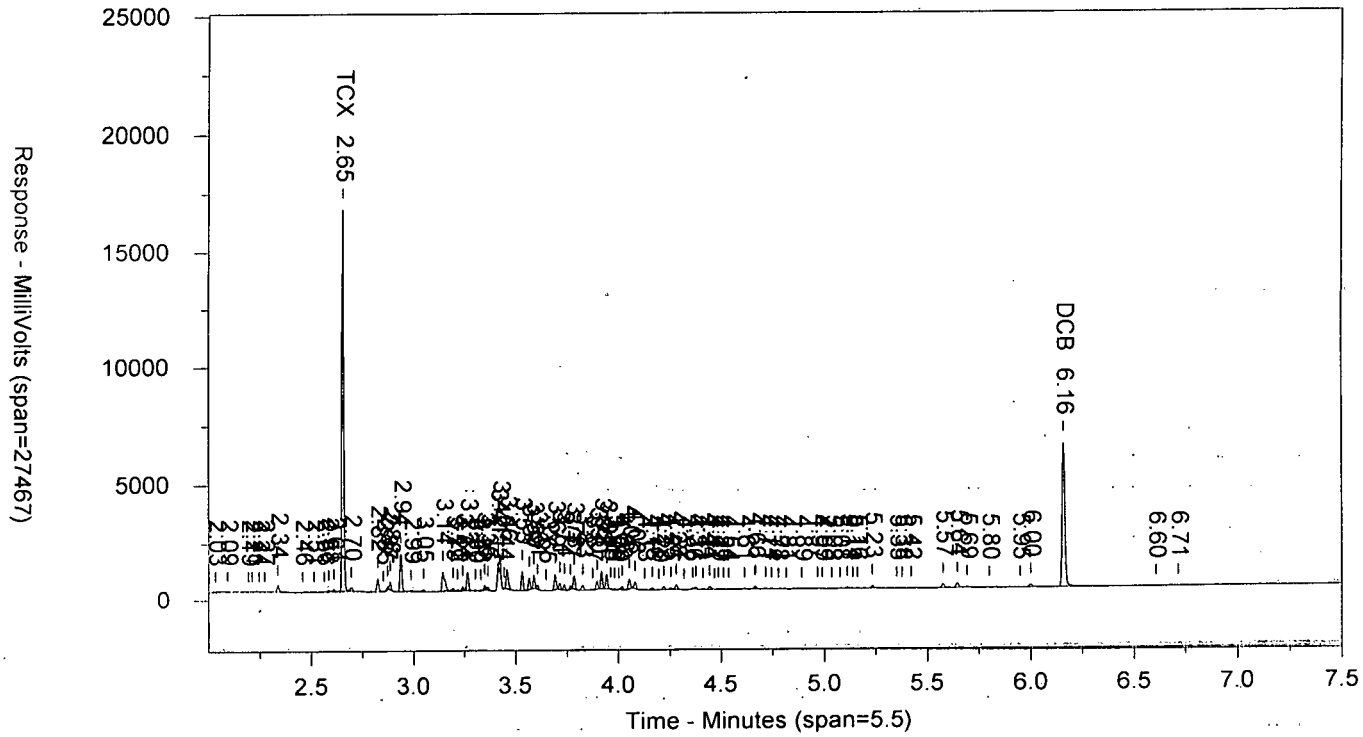
Files:
Area File: 07pcbs17250001.0028.RAW
Area File: 07pcbs17250001B.0028.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:42:56 AM
File Reported On: 9/8/2017 at 3:43:08 AM

AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0028.RAW

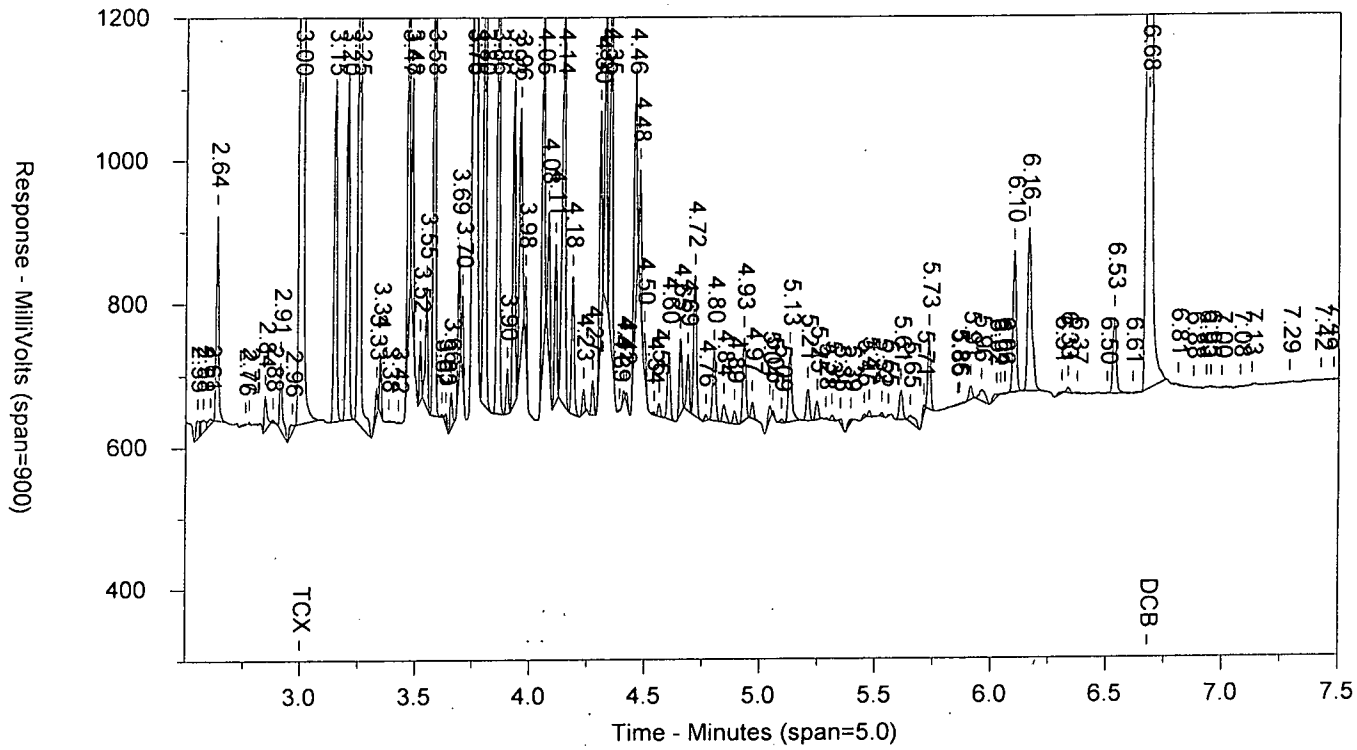


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0028.RAW

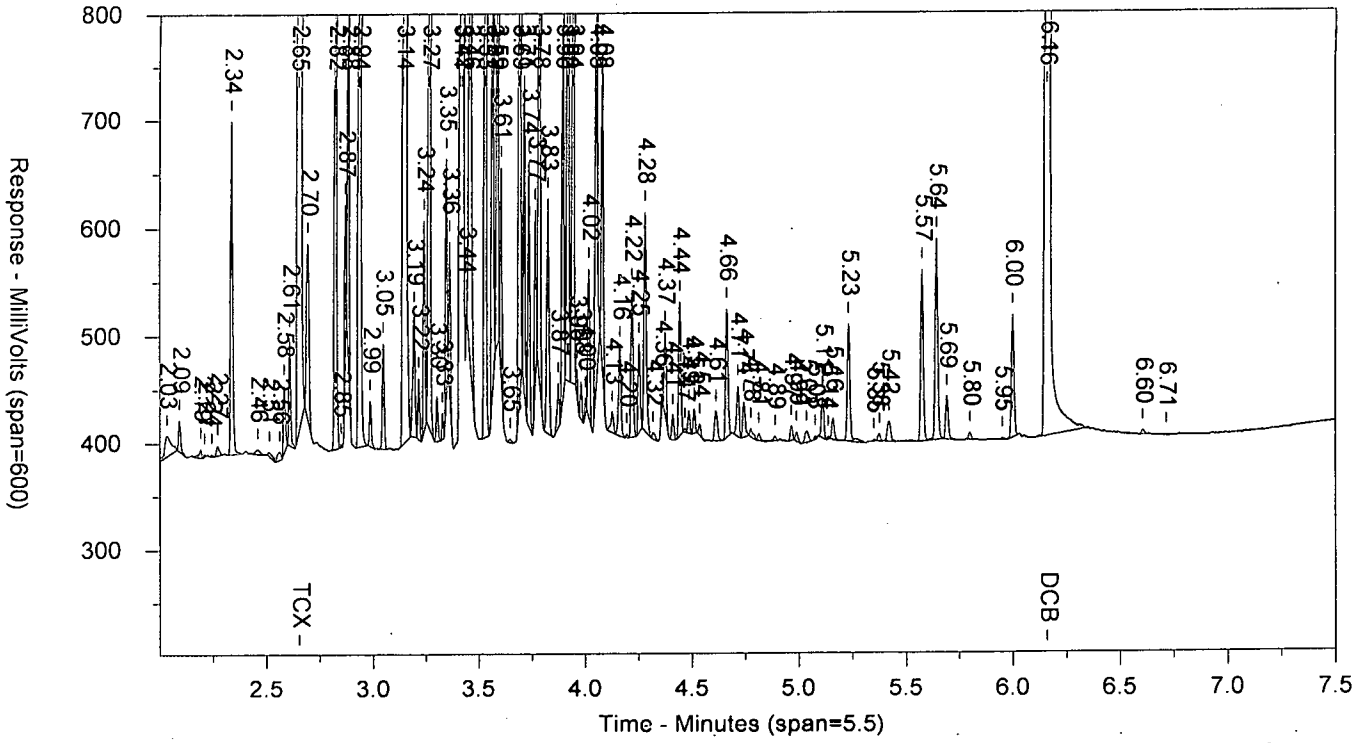


AR3231724A AAAR323AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0028.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0028.RAW



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

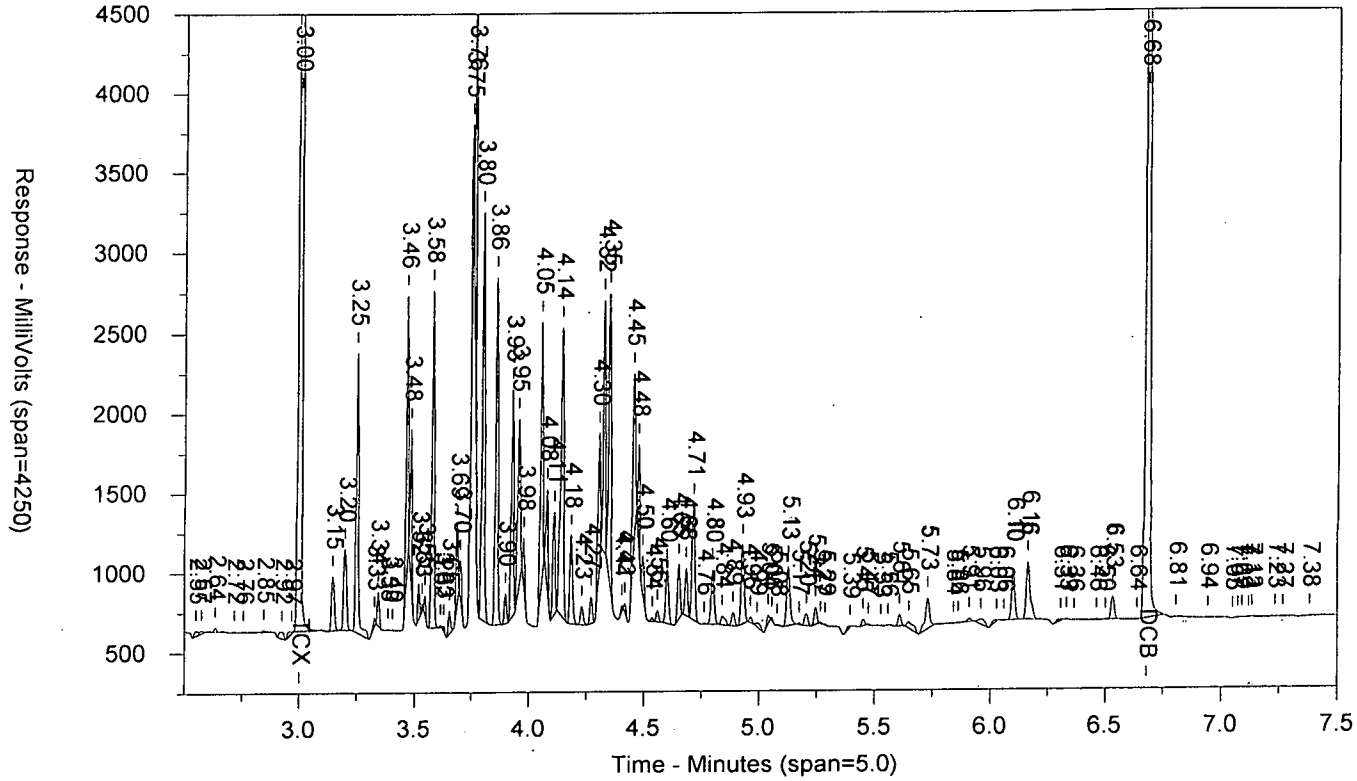
Sample Number: AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:45:41 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

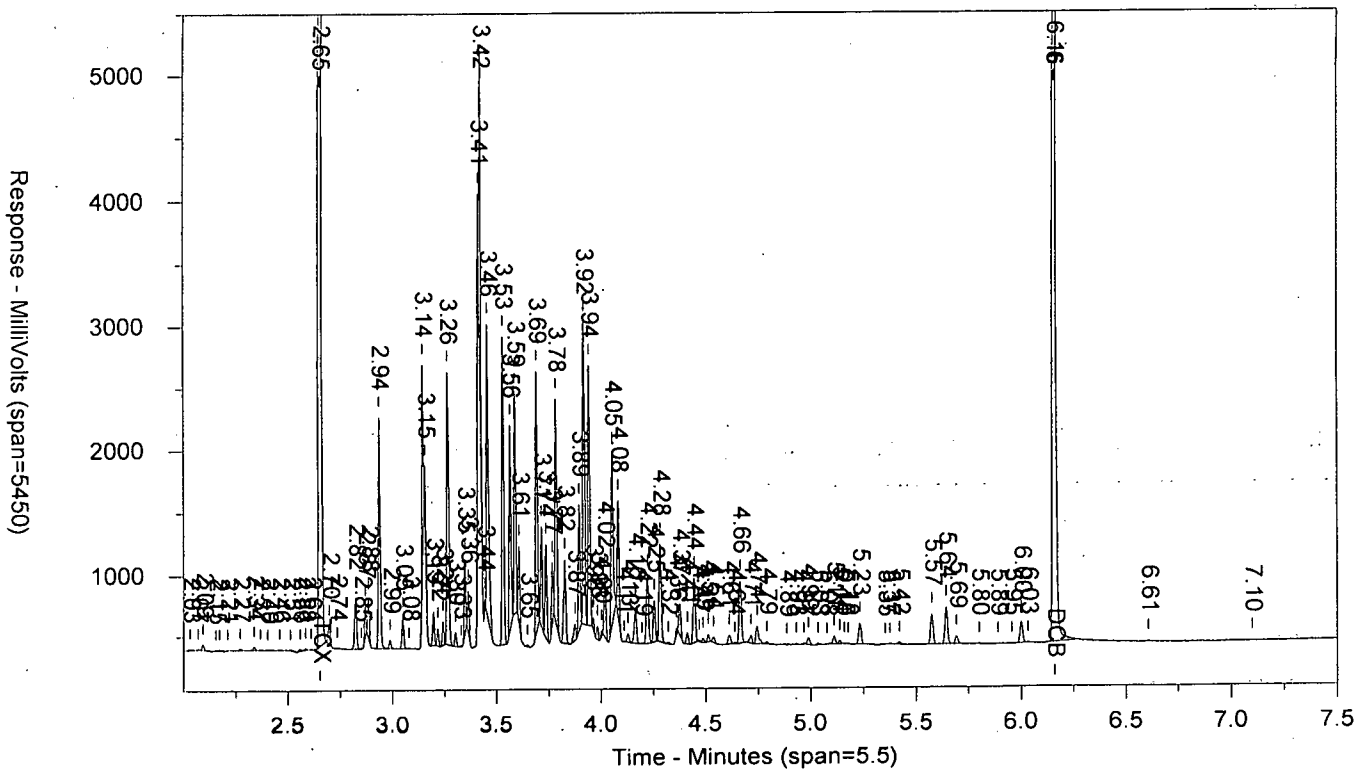
3.606		611580	306743
3.646		11823	11300
3.691		2102825	1368163
3.714		797131	440273
3.735		749428	454735
3.765		487509	255447
3.783		1798564	1119766
3.825		675353	490985
3.873		137989	97242
3.895		1005108	620977
3.917		2444532	1547501
3.942		2098642	1312705
3.961		95683	43820
3.981		107996	59760
4.001		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0029.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0029.RAW



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

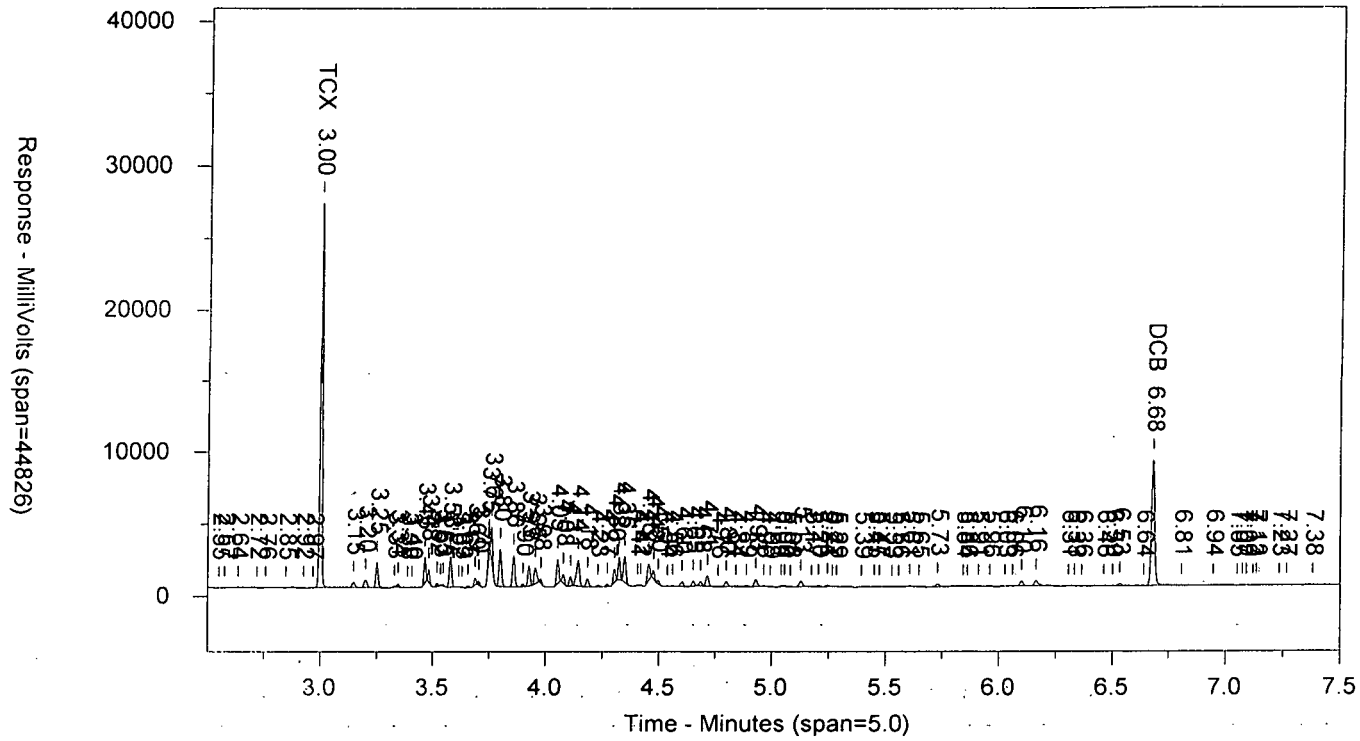
Analyst: 2855

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

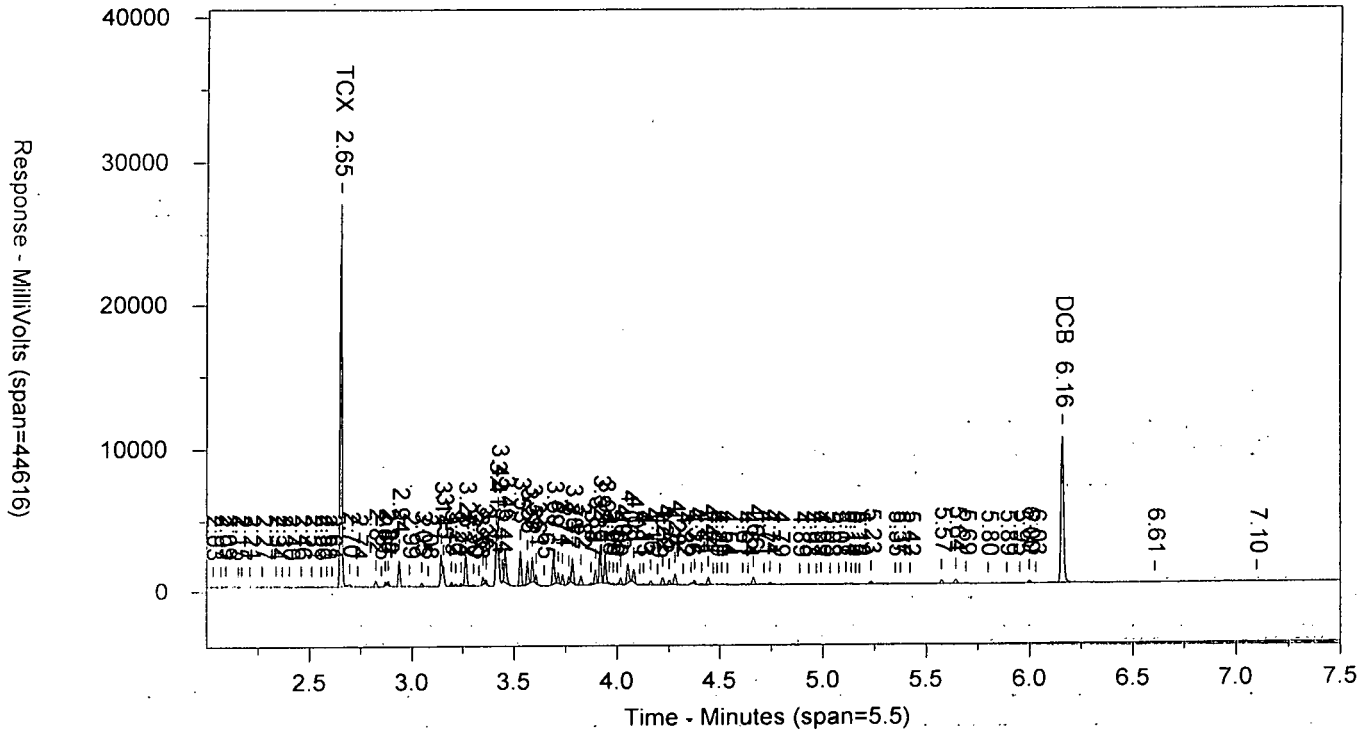
Files:
Area File: 07pcbs17250001.0029.RAW
Area File: 07pcbs17250001B.0029.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 3:54:22 AM
File Reported On: 9/8/2017 at 3:54:34 AM

AR4231724A AAAR423AA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0029.RAW

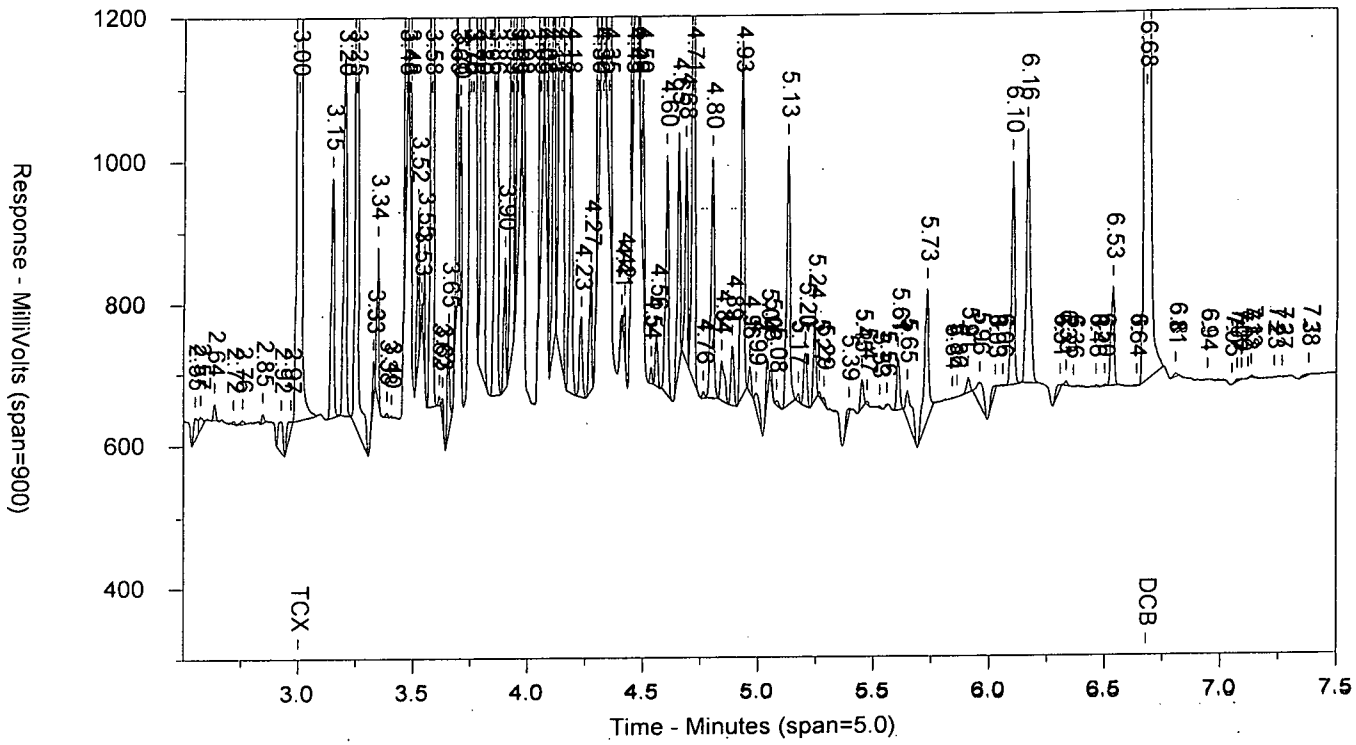


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0029.RAW

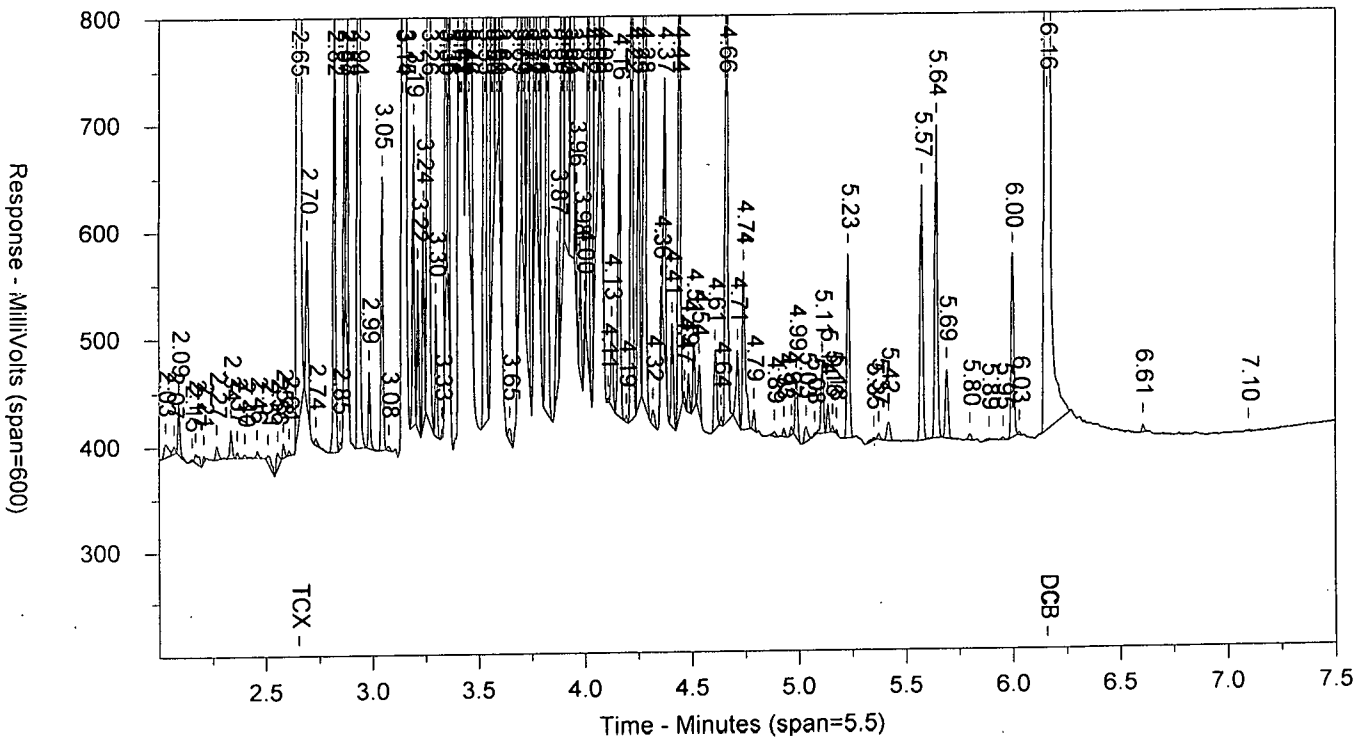


AR4231724A **AAAR423AA** **ICAL 1724999999** **10736** **SW-846 8082**

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0029.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0029.RAW



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

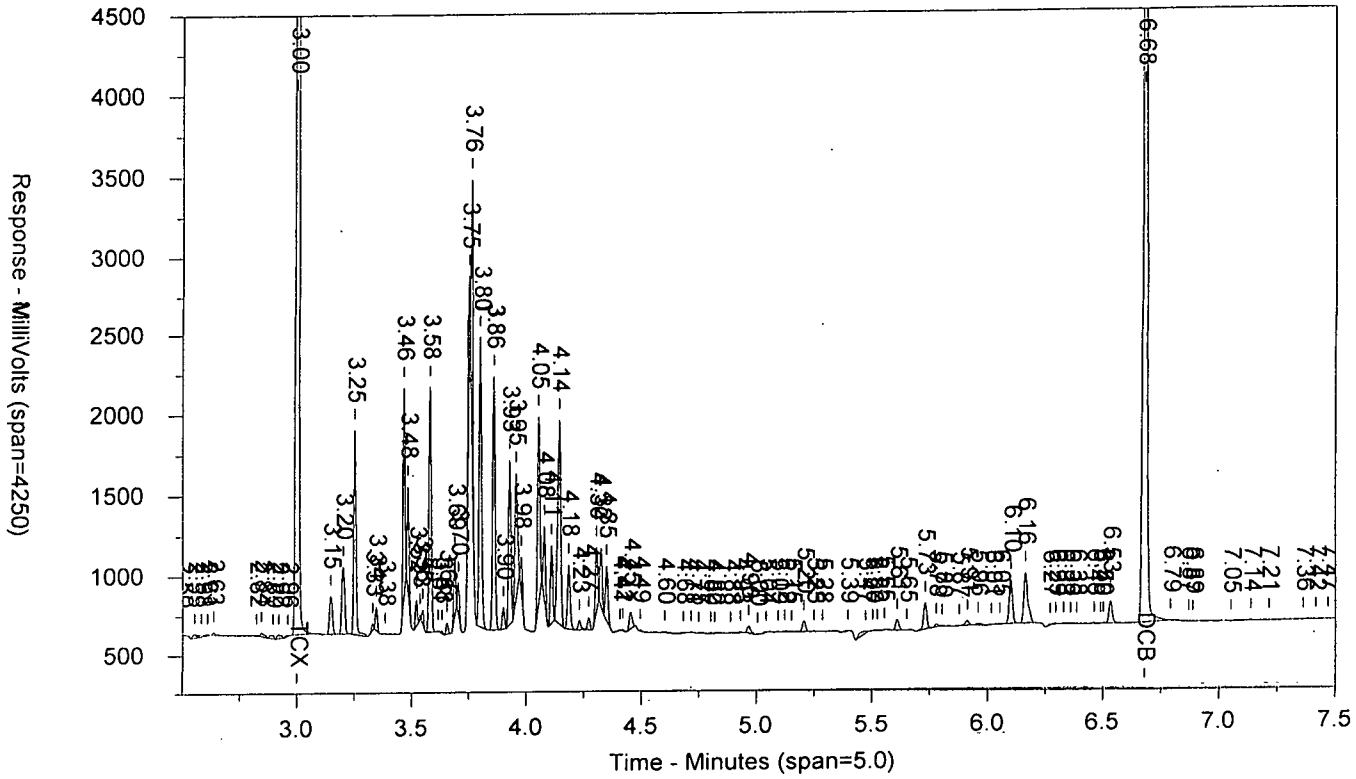
Sample Number: AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 3:57:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm 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

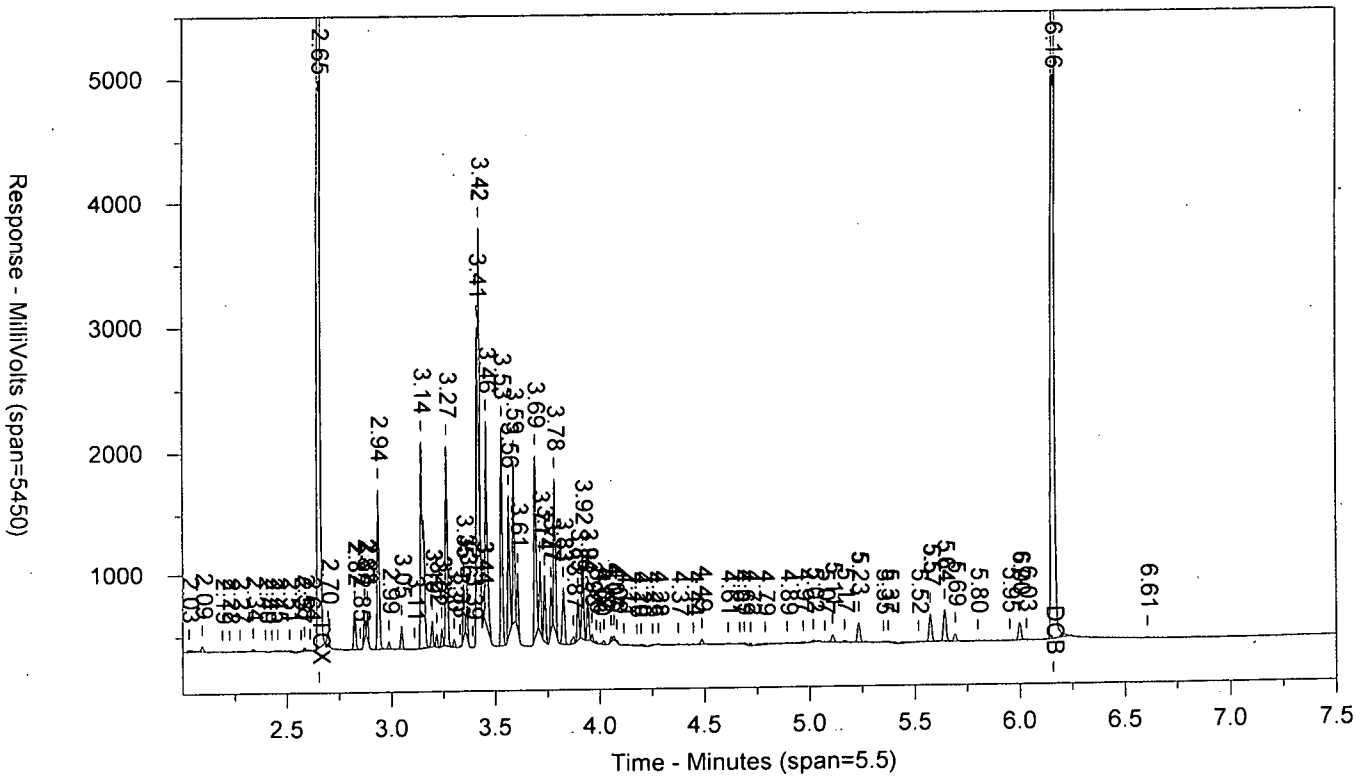
3.873		56631	46982
3.895		331412	205553
3.917		722992	459688
3.942		334007	208075
3.961		57864	28777
3.98		20139	10999
4.001		4539	1842
4.017		30583	18838
4.053		39446	21465
4.066		35125	15841
4.08		14702	6202
4.115		7154	15610
4.176		3610	1916
4.197		12290	20070
4.252		5949	12057
4.278		6918	7471
4.374		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0030.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0030.RAW



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

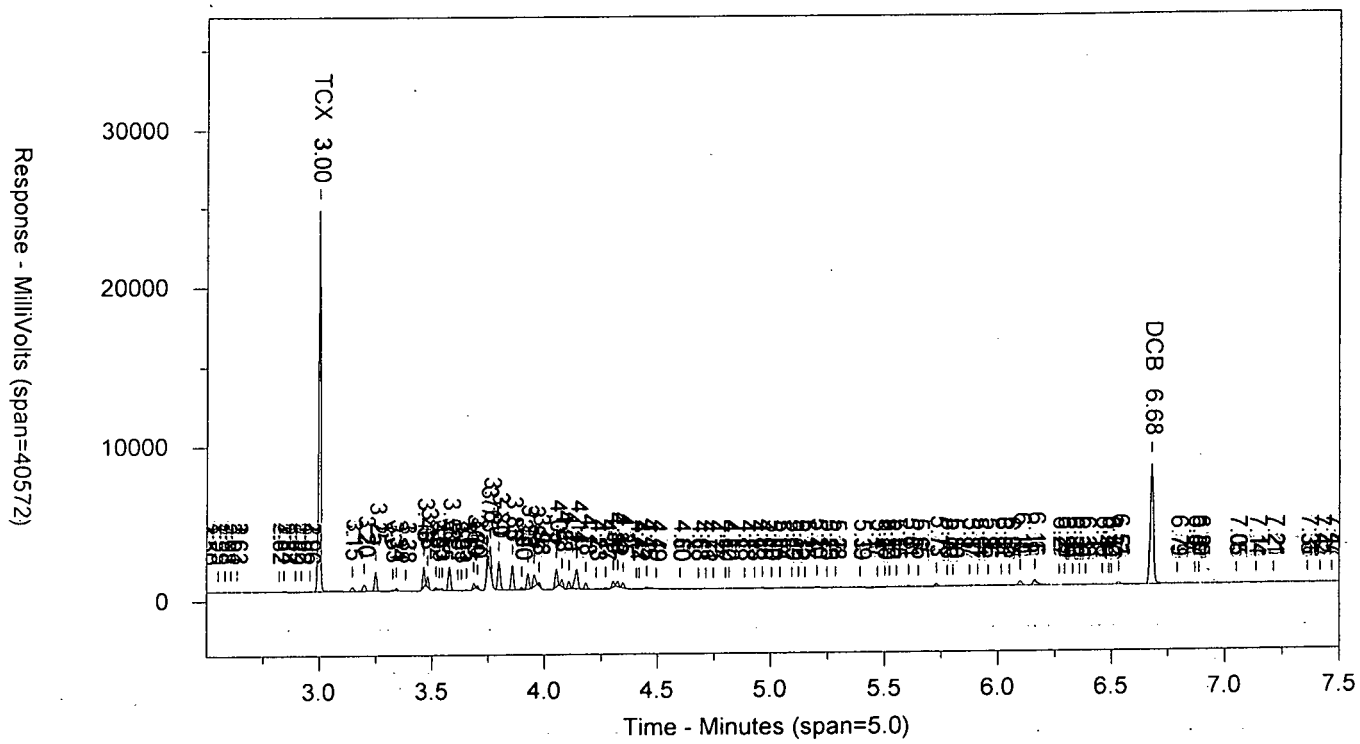
Analyst: 2855

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

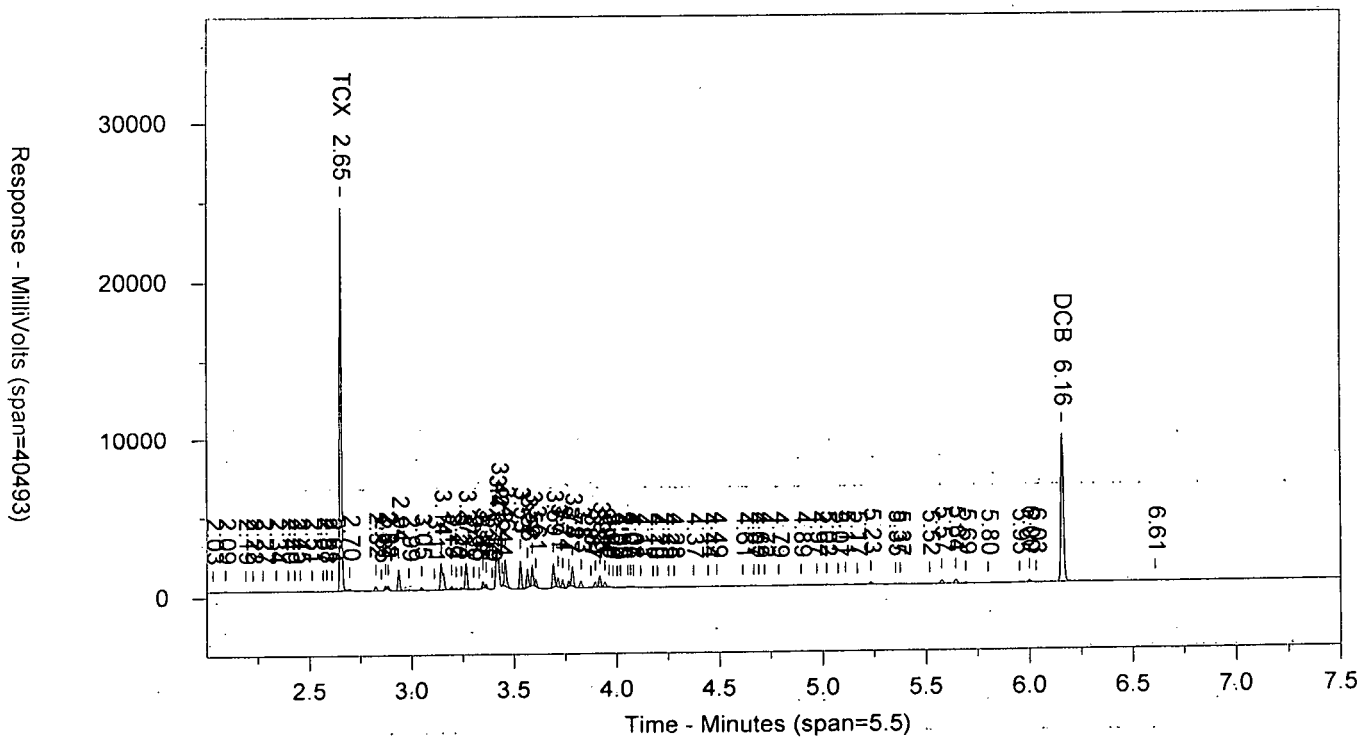
Files:
Area File: 07pcbs17250001.0030.RAW
Area File: 07pcbs17250001B.0030.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:05:43 AM
File Reported On: 9/8/2017 at 4:05:48 AM

AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0030.RAW

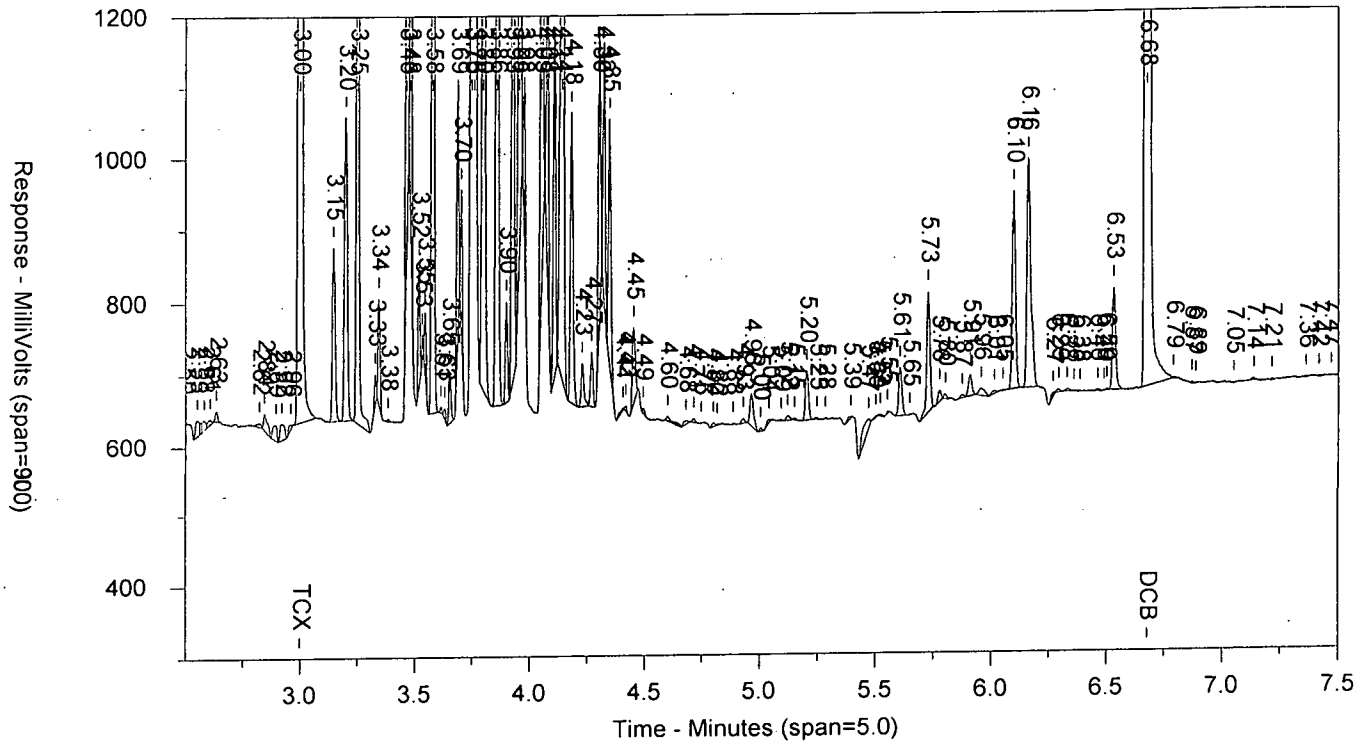


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0030.RAW

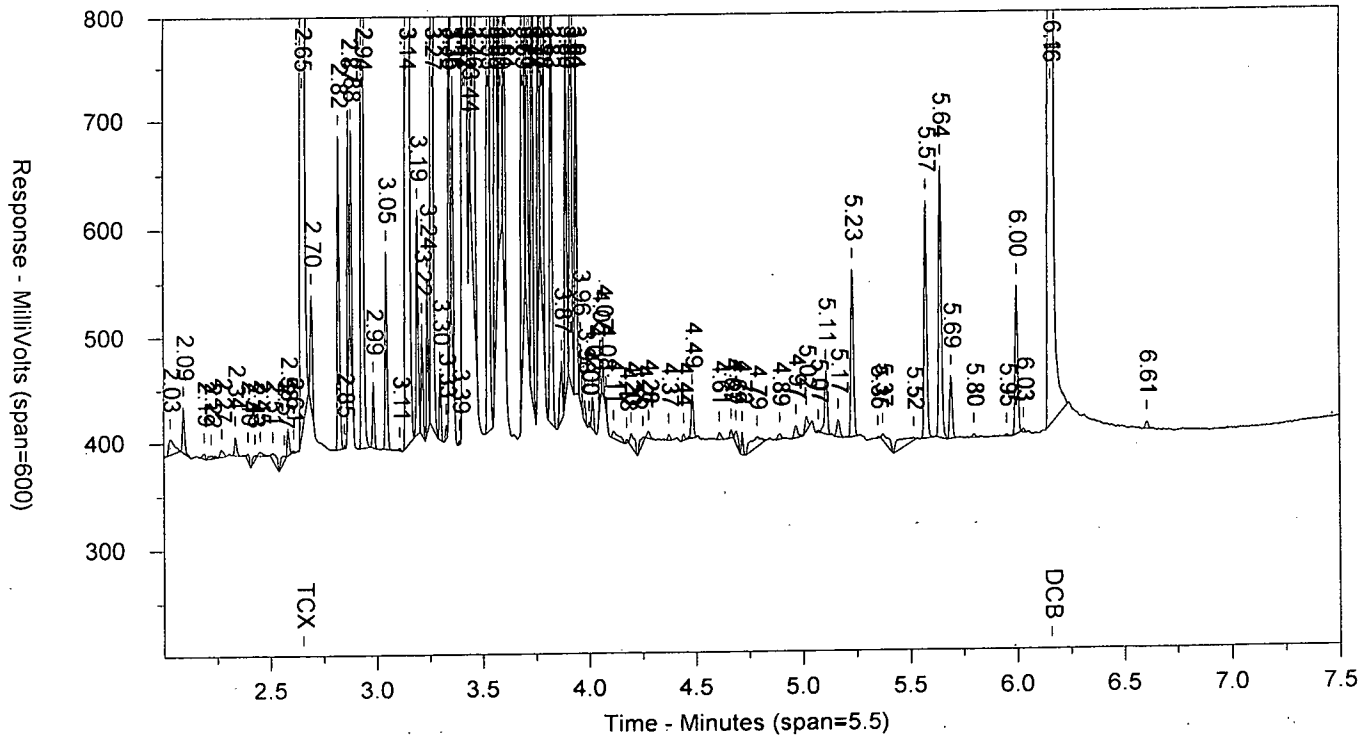


AR16XX1724B AAAR16XAA ICAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0030.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0030.RAW



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

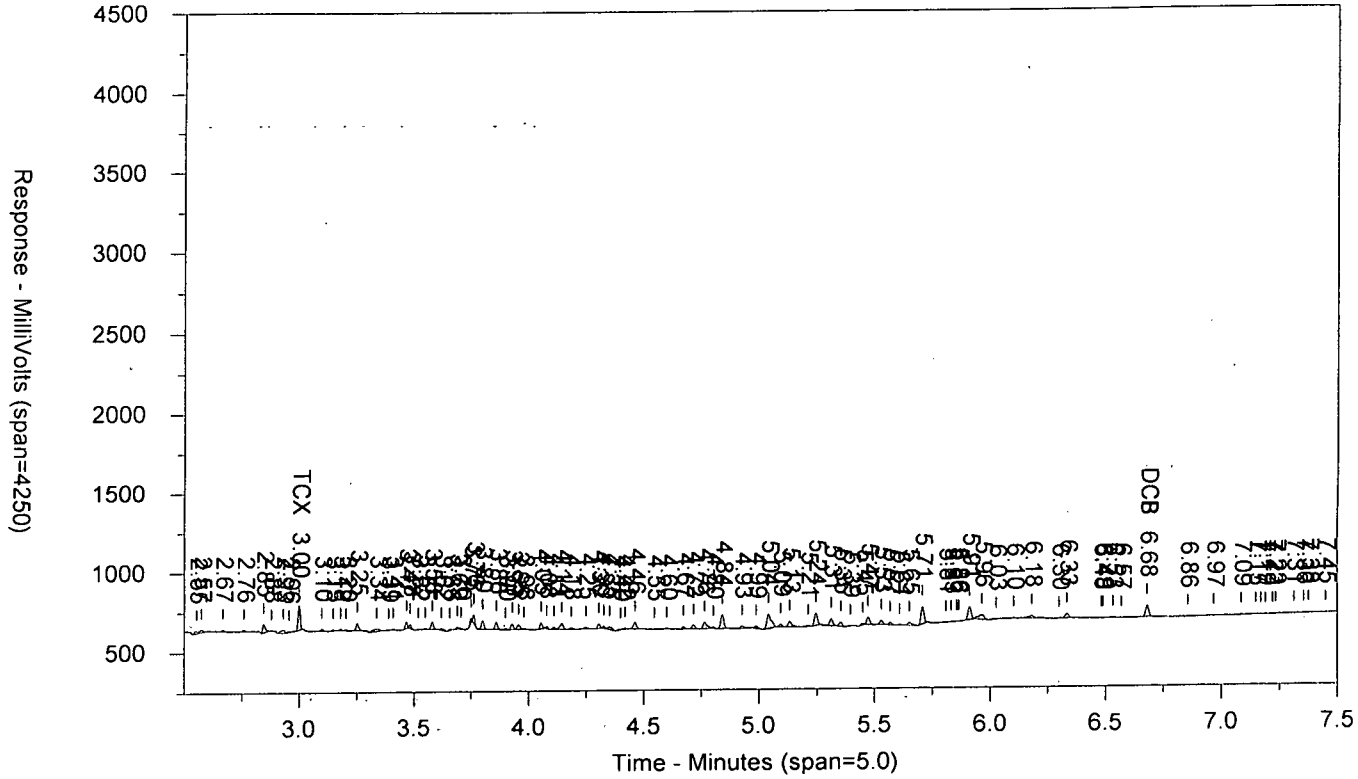
Sample Number: MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:08:33 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

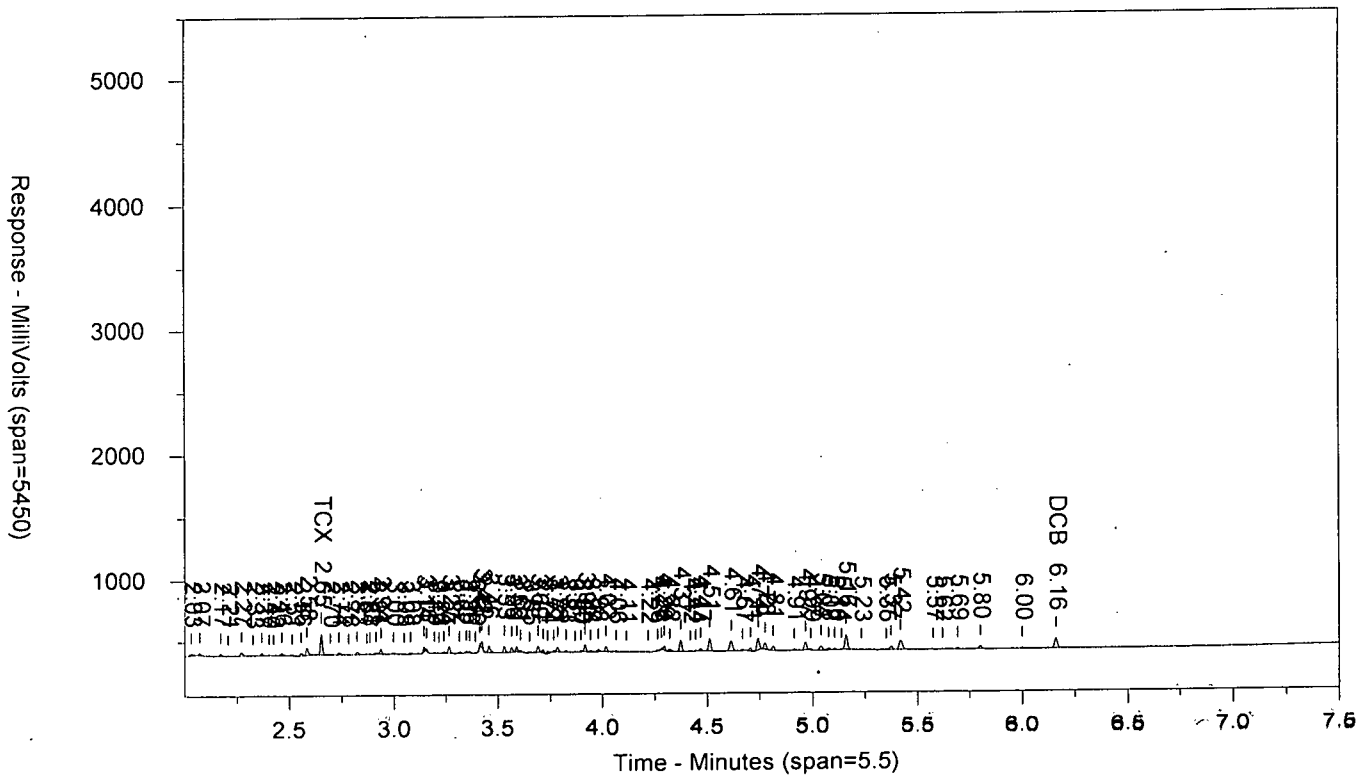
3.766		12100	6590
3.784		35854	23526
3.825		12782	8438
3.868		4202	4066
3.896		7234	4169
3.916		55432	33484
3.942		9885	6134
3.98		19052	16574
4.017		42090	28715
4.064		7892	10495
4.114		5094	9699
4.218		9048	4969
4.262		11186	6482
4.281		9240	4599
4.294		30669	17015
4.319		16117	16747
4.372		91618	68502
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



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0031.RAW



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

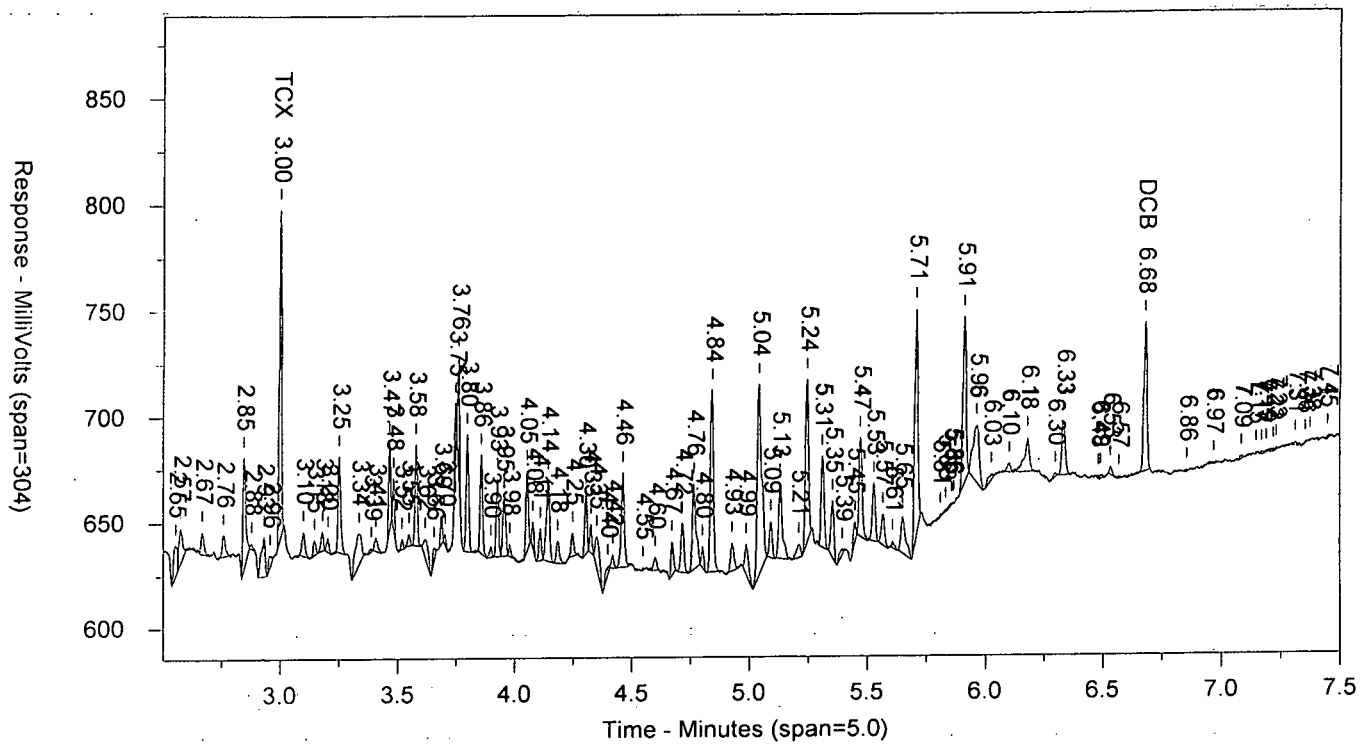
Analyst: 2855

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

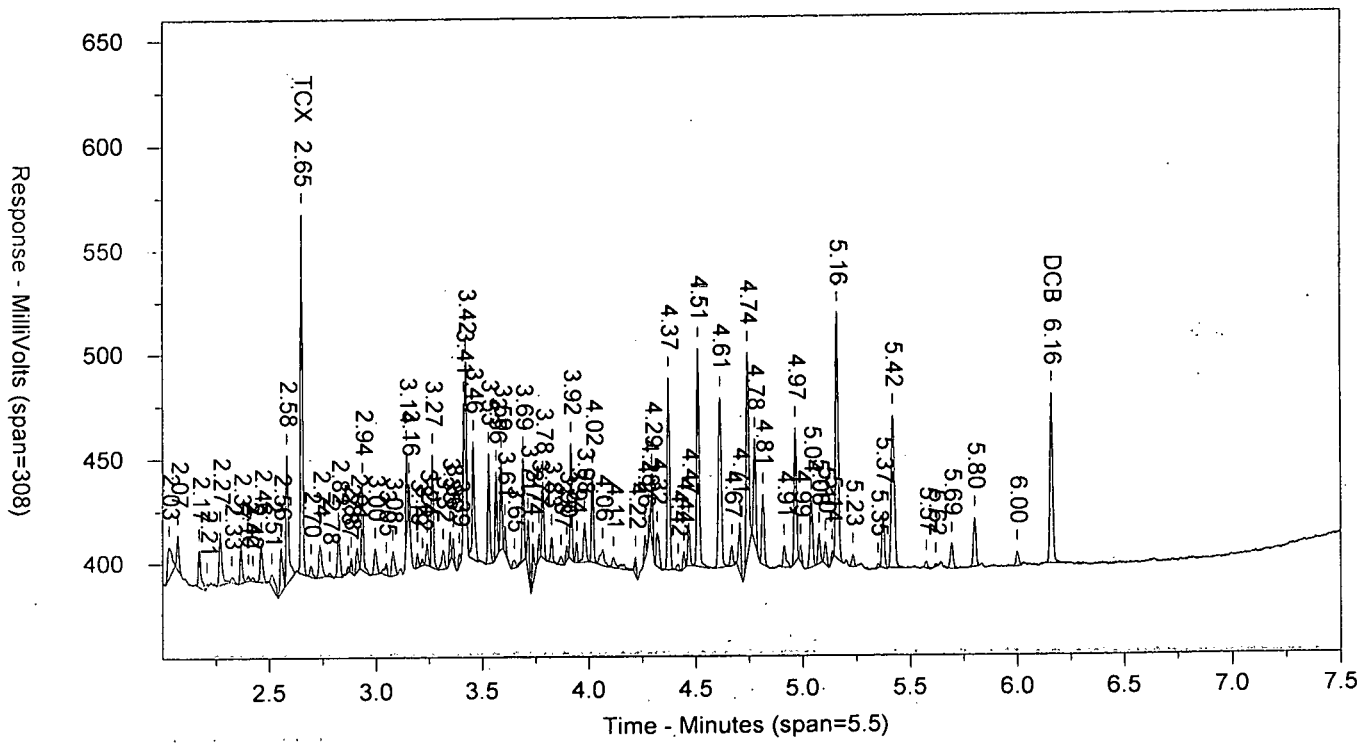
Files:
Area File: 07pcbs17250001.0031.RAW
Area File: 07pcbs17250001B.0031.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:17:17 AM
File Reported On: 9/8/2017 at 4:17:24 AM

MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0031.RAW

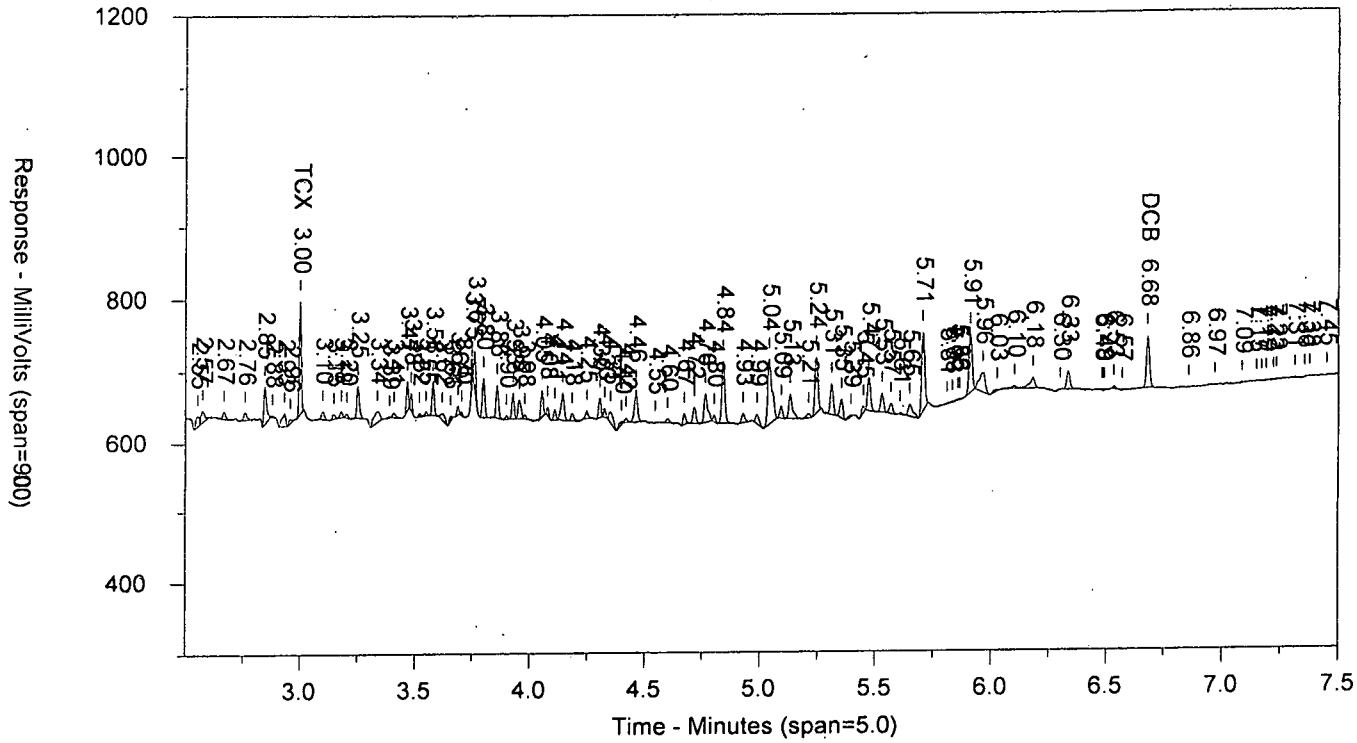


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0031.RAW

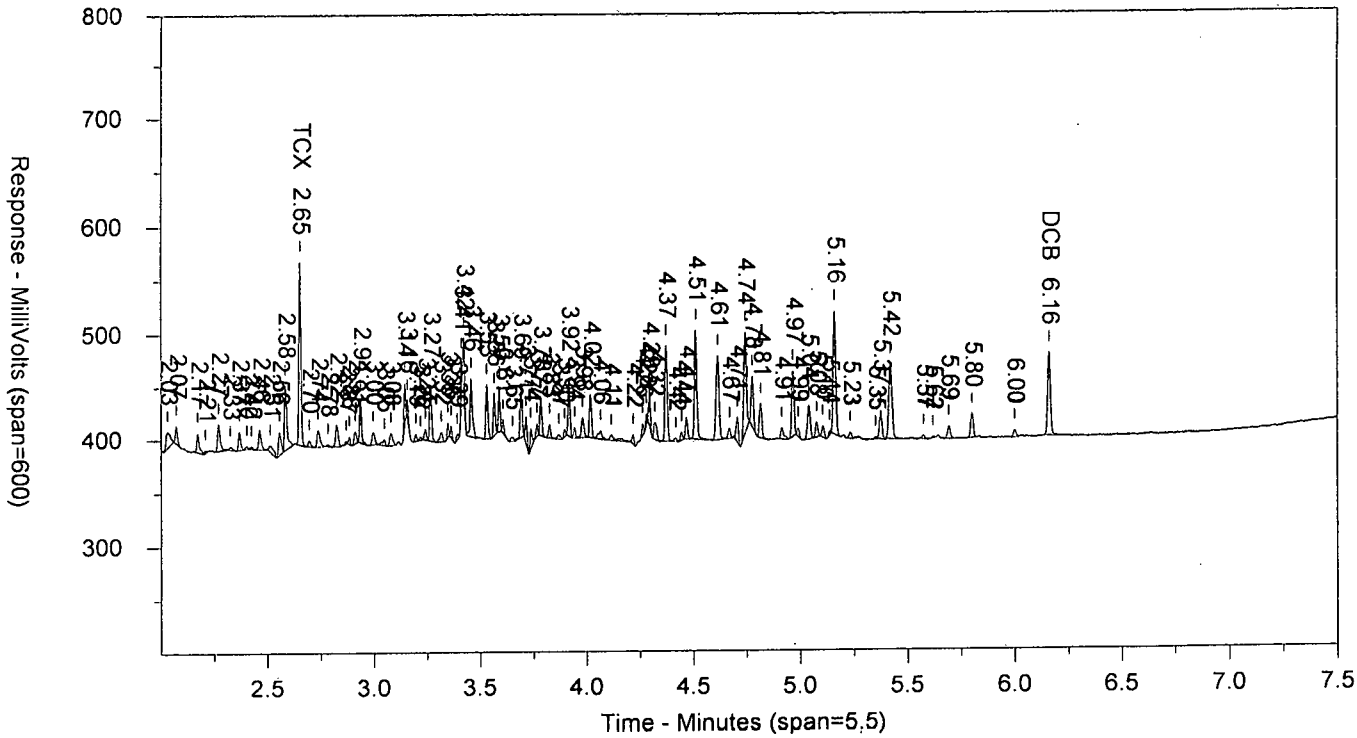


MD16X1724B AAMD16XAA ICAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0031.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0031.RAW



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

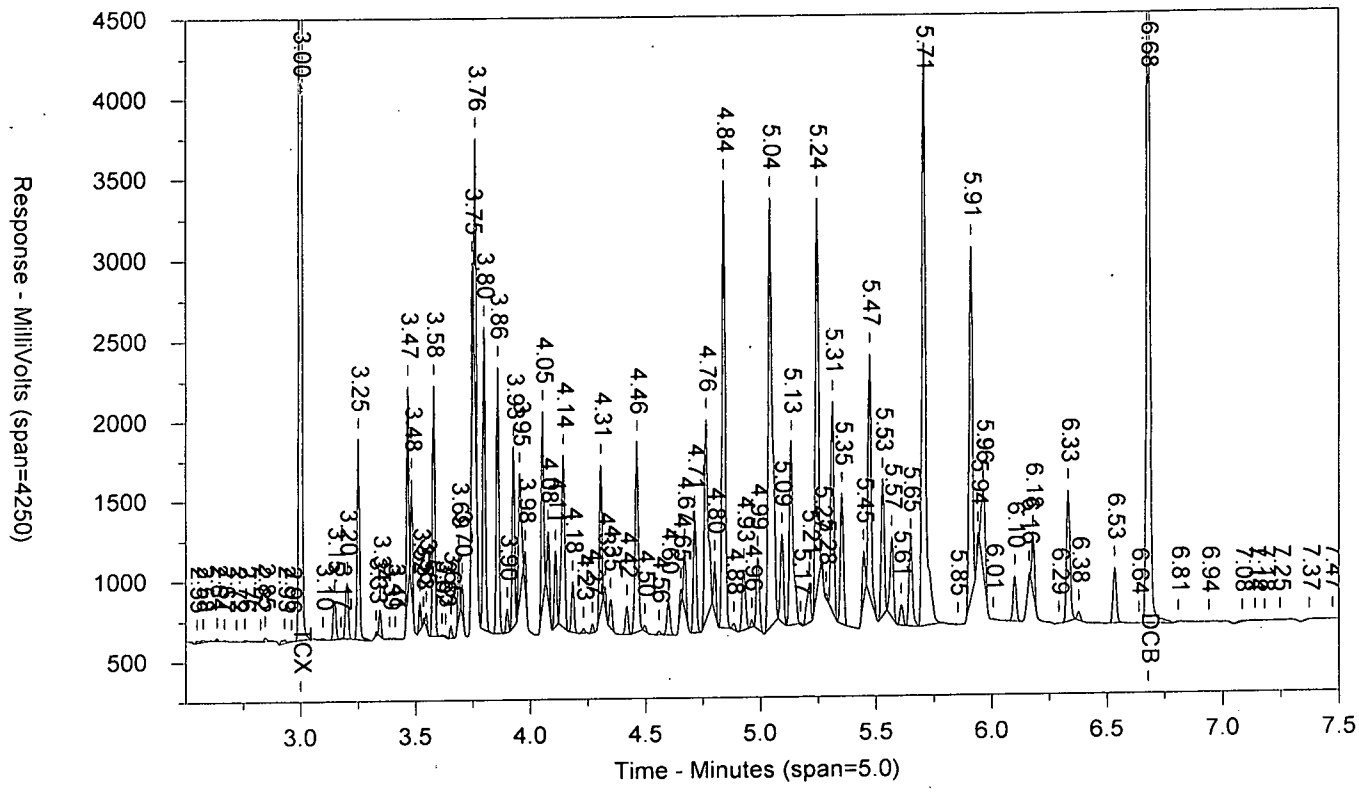
Sample Number: IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:20:00 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

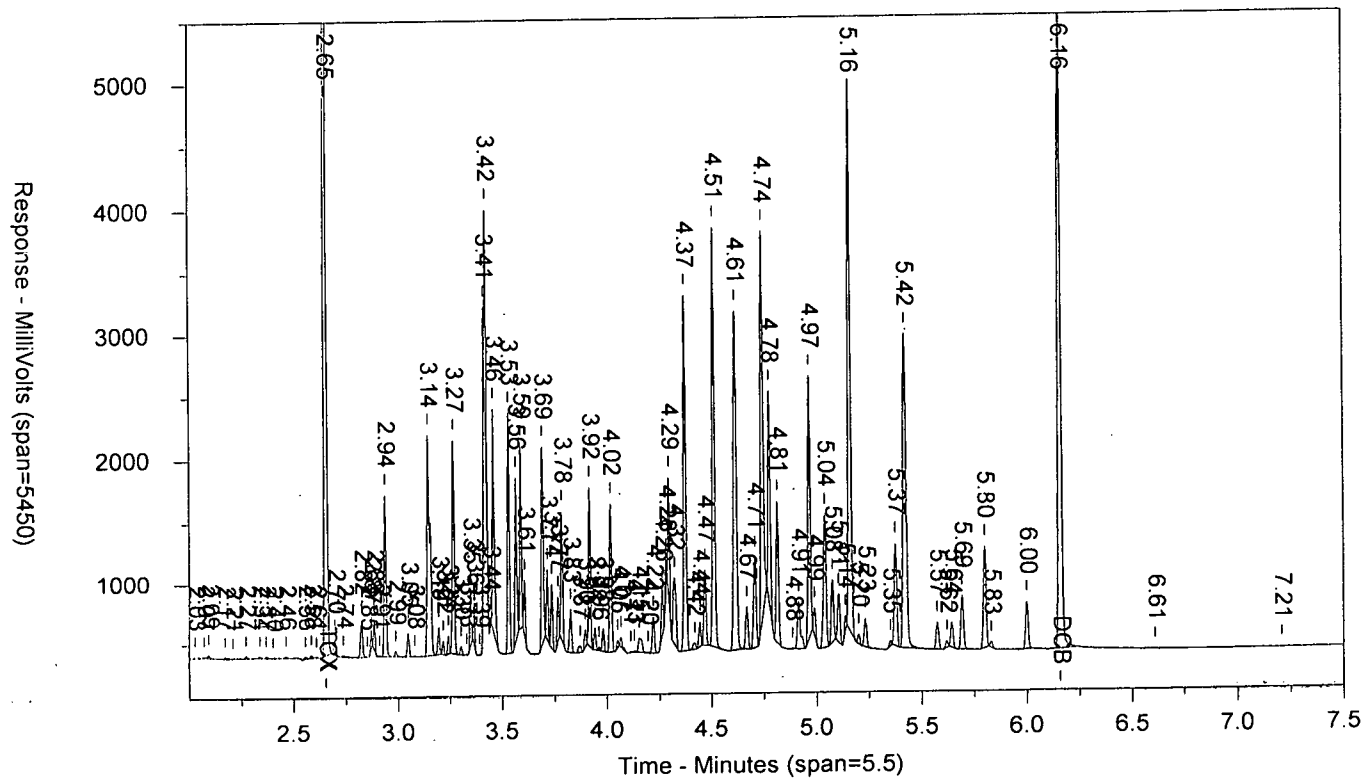
3.783		1042997	632371
3.825		356296	249540
3.872		52137	53024
3.895		142364	83398
3.916		1288773	830780
3.942		179550	108750
3.961		27999	13042
3.981		188957	120105
4.017		1202207	851803
4.051		59046	35664
4.066		78646	50195
4.112		6321	3271
4.129		10054	7008
4.153		115655	139843
4.195		6678	3086
4.22		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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0032.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0032.RAW



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

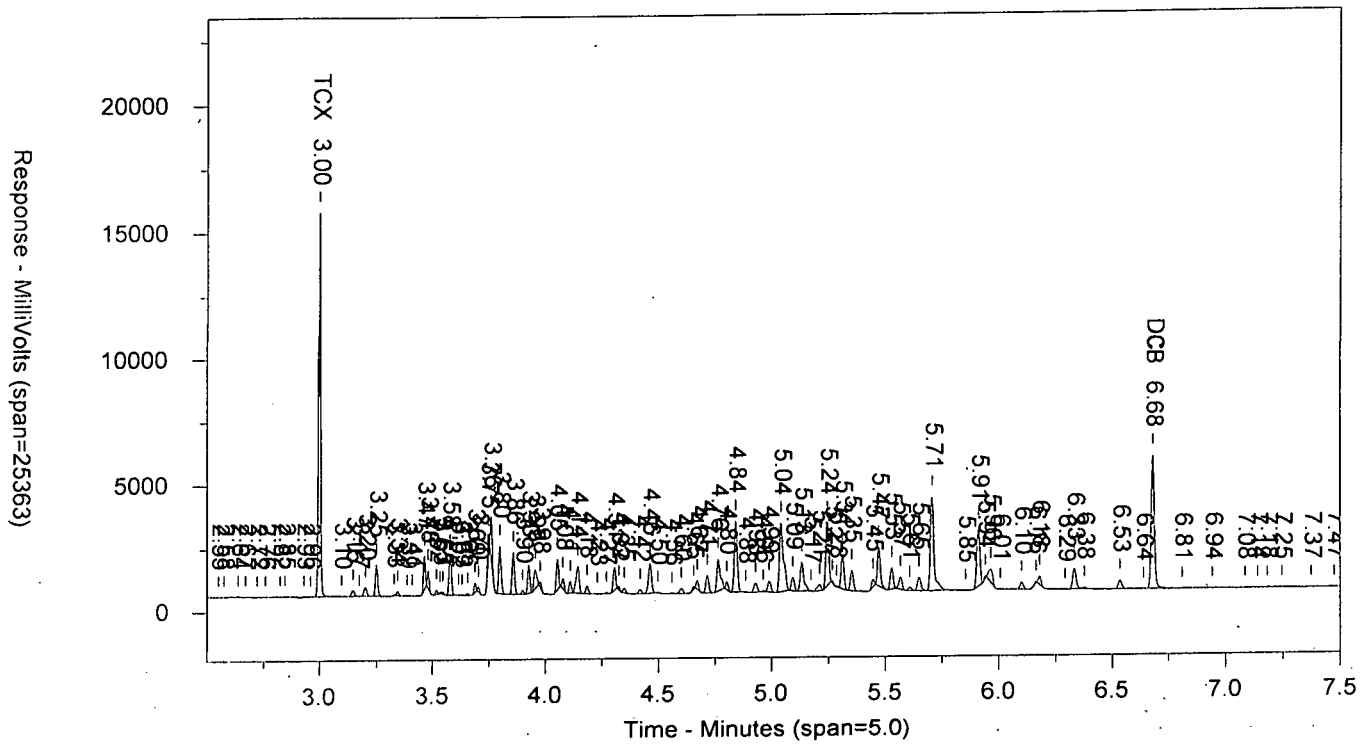
Analyst: 2855

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

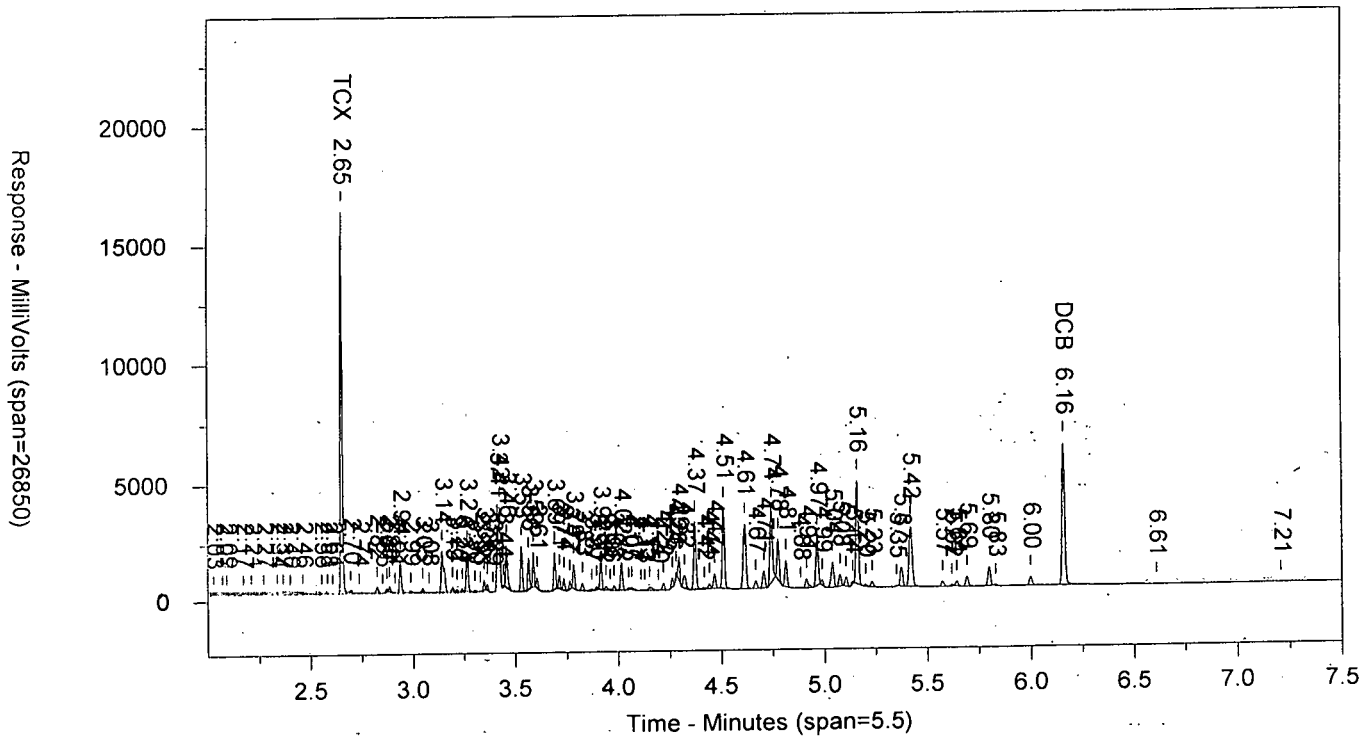
Files:
Area File: 07pcbs17250001.0032.RAW
Area File: 07pcbs17250001B.0032.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:28:43 AM
File Reported On: 9/8/2017 at 4:28:56 AM

IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0032.RAW

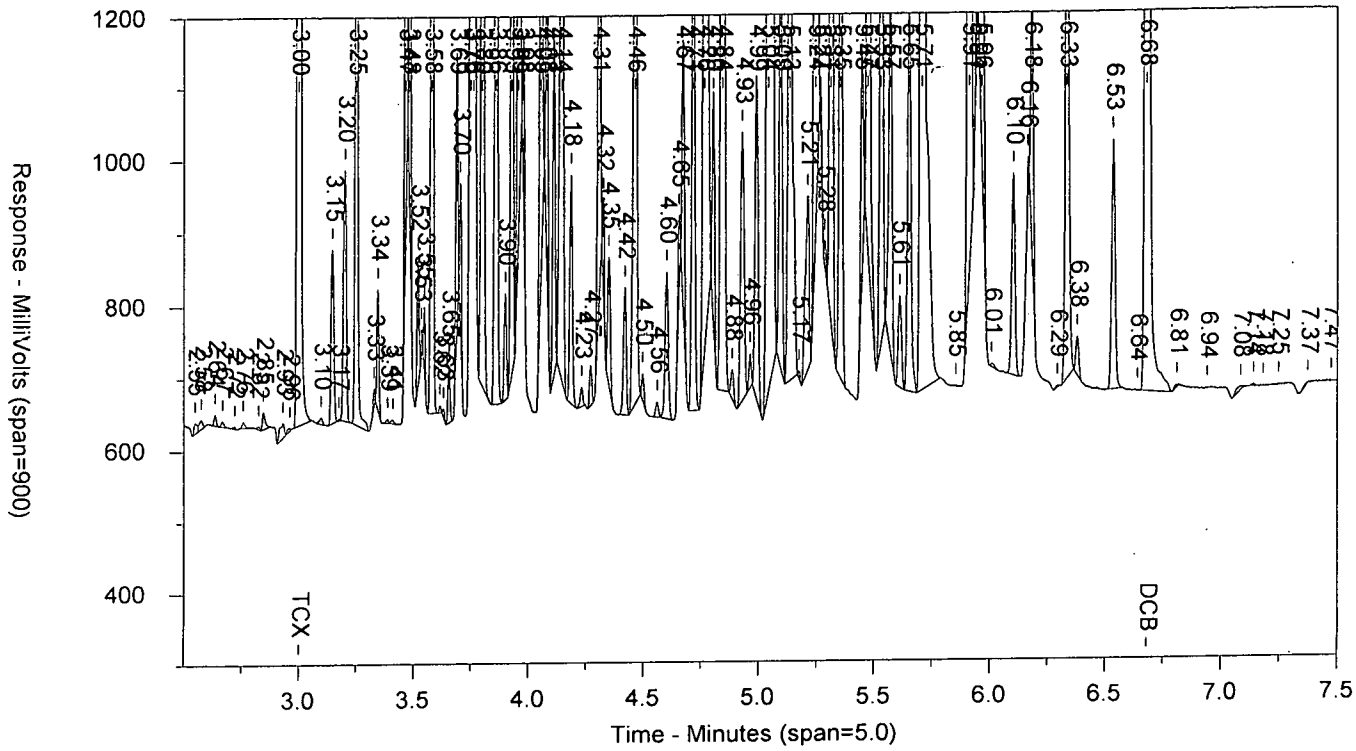


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0032.RAW

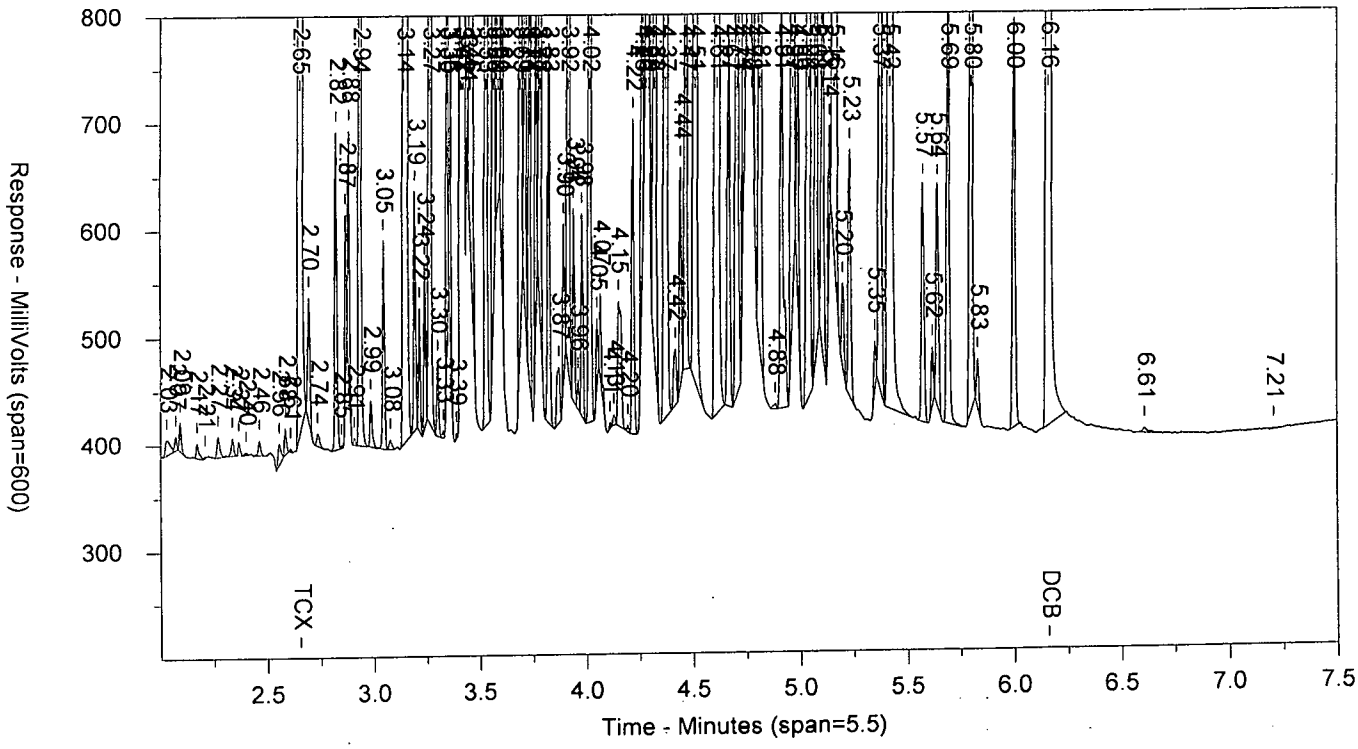


IC16X1724C AAIC16XAA CCAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0032.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0032.RAW



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

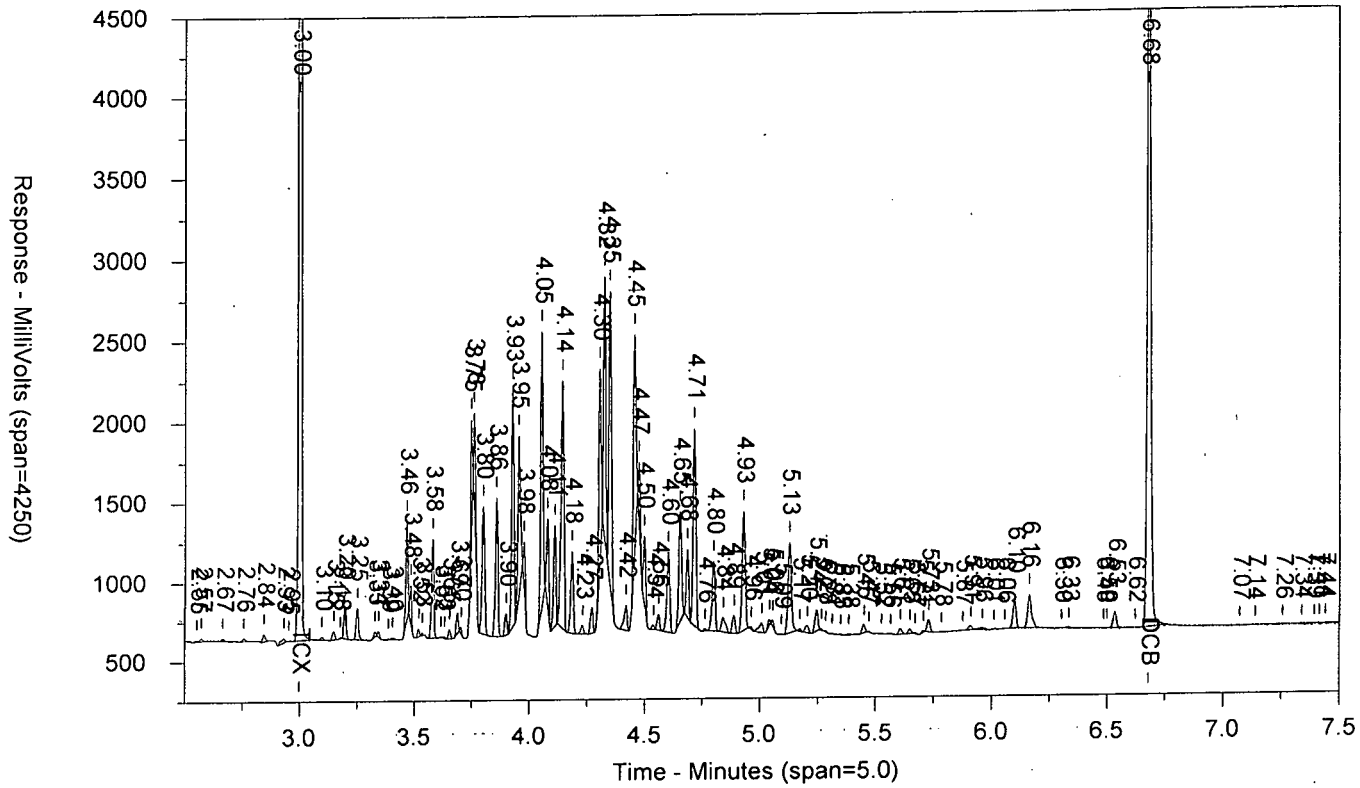
Sample Number: IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:31:17 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

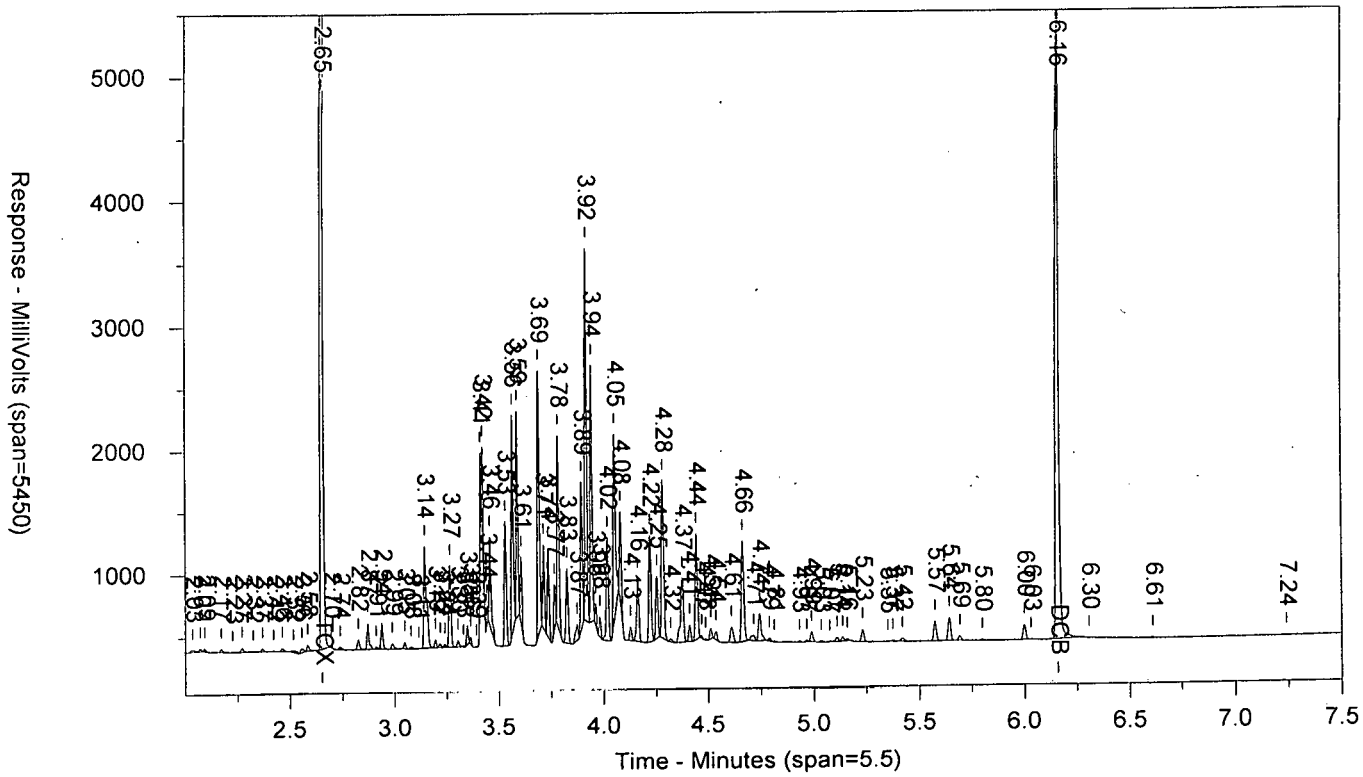
3.765		347215	183221
3.783		1560225	942755
3.825		596348	419277
3.873		125510	104906
3.894		1186327	721099
3.917		3001954	1852968
3.942		2081985	1269830
3.961		175179	83985
3.98		162300	93620
4.017		826606	586059
4.052		1483484	1124666
4.08		751989	426671
4.127		108196	74198
4.162		503028	373740
4.22		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



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0033.RAW



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

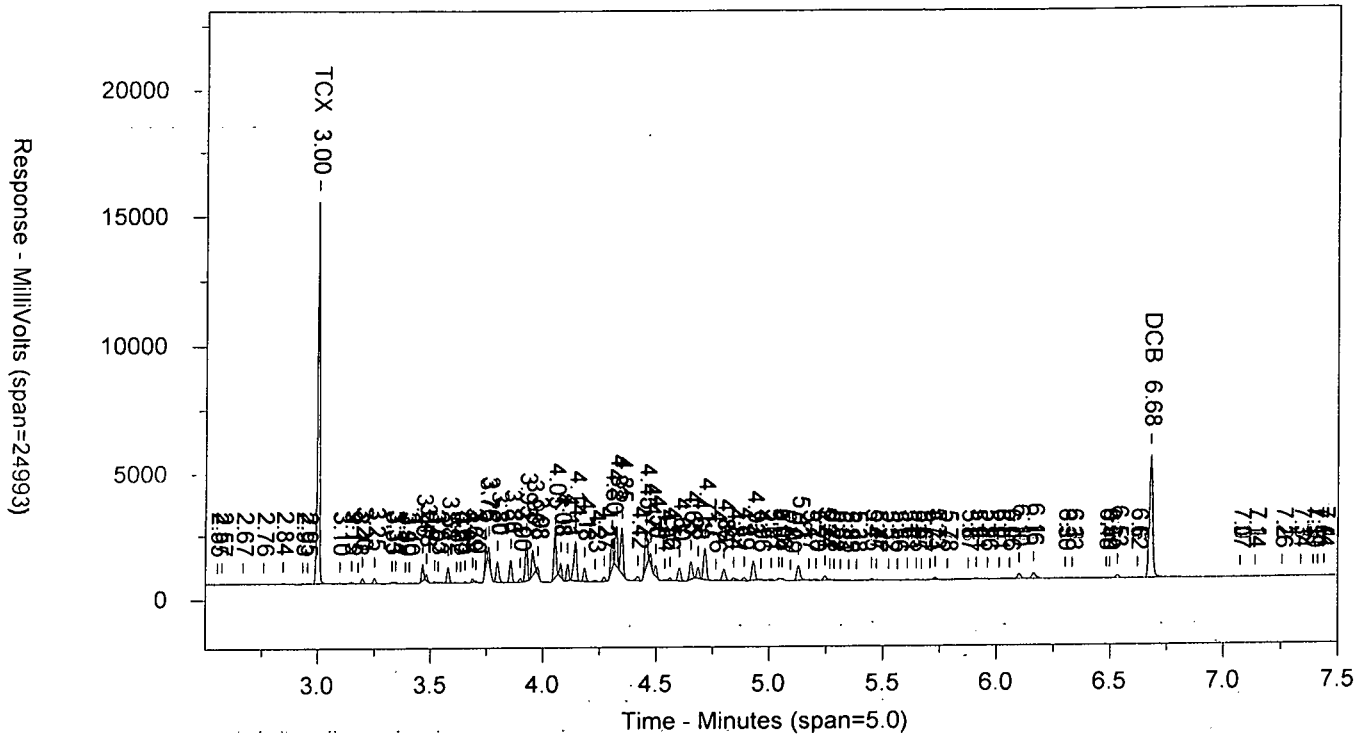
Analyst: 2855

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

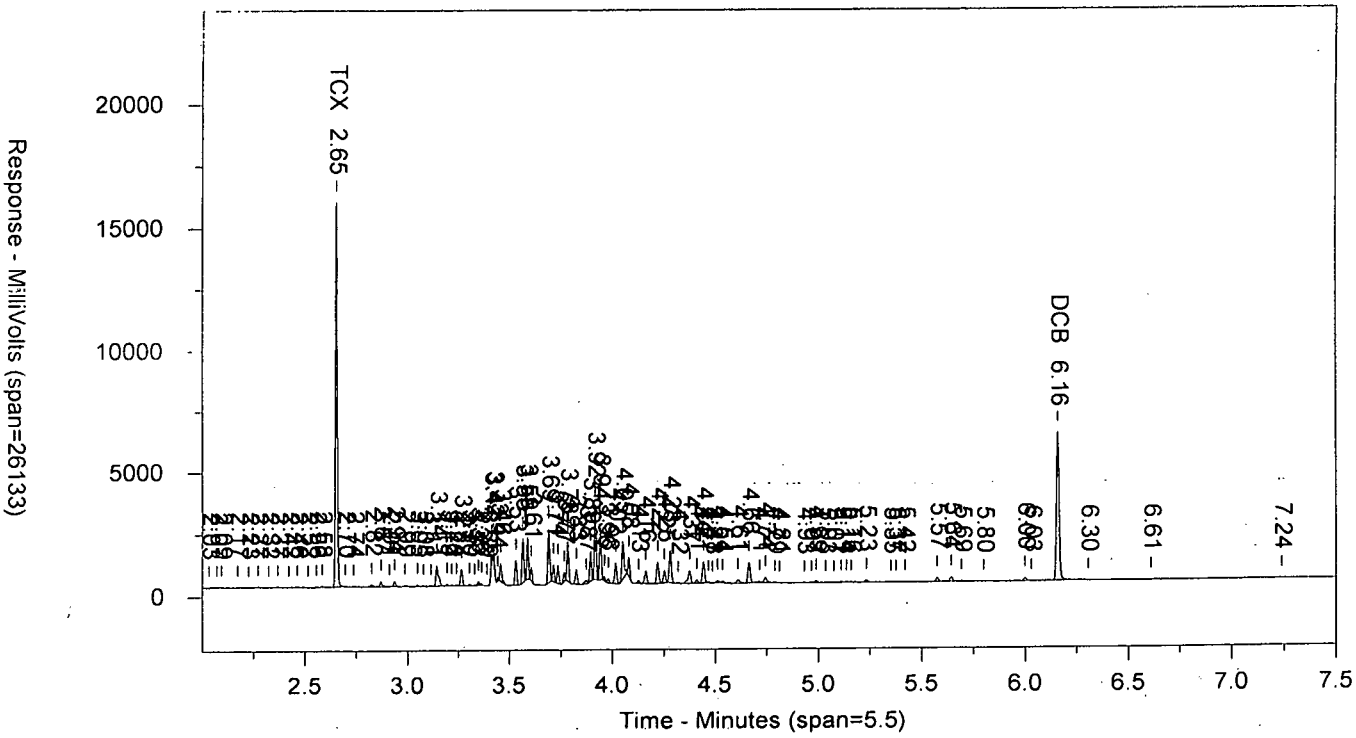
Files:
Area File: 07pcbs17250001.0033.RAW
Area File: 07pcbs17250001B.0033.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:40:00 AM
File Reported On: 9/8/2017 at 4:40:06 AM

IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0033.RAW

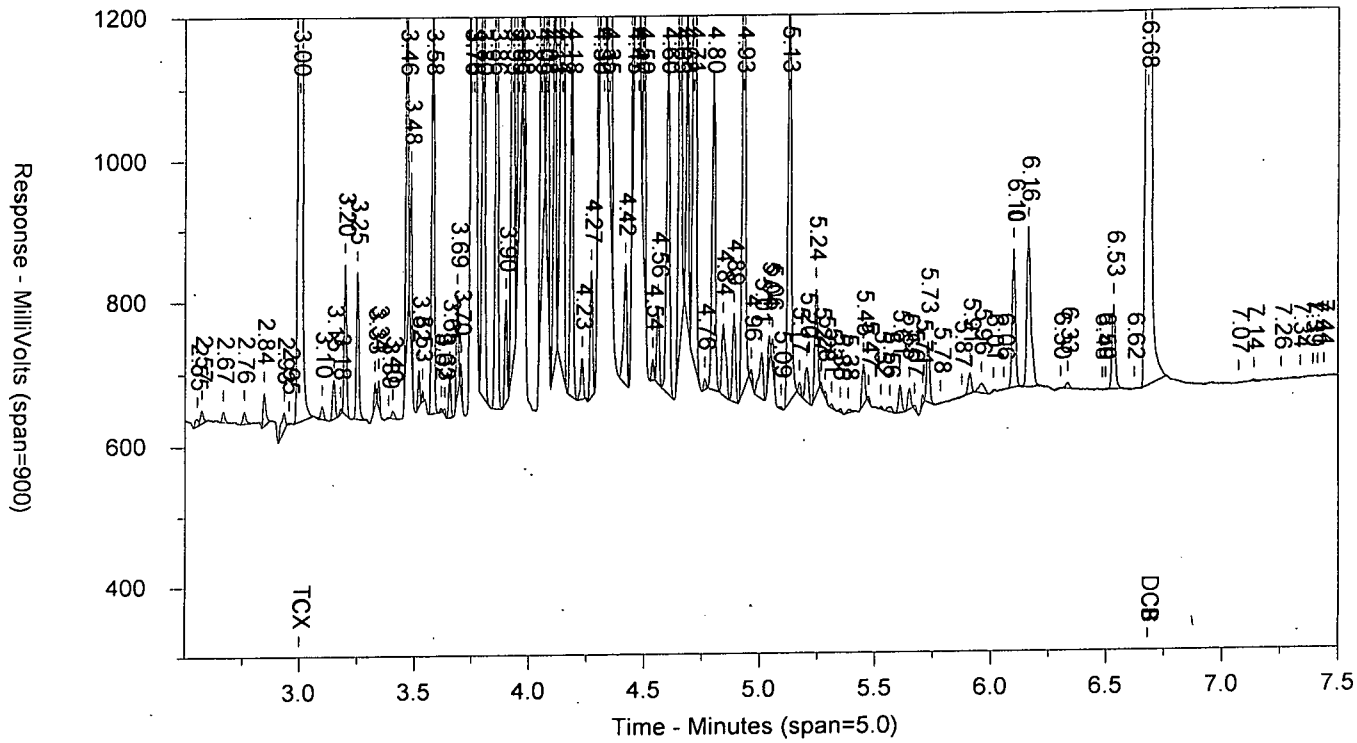


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0033.RAW

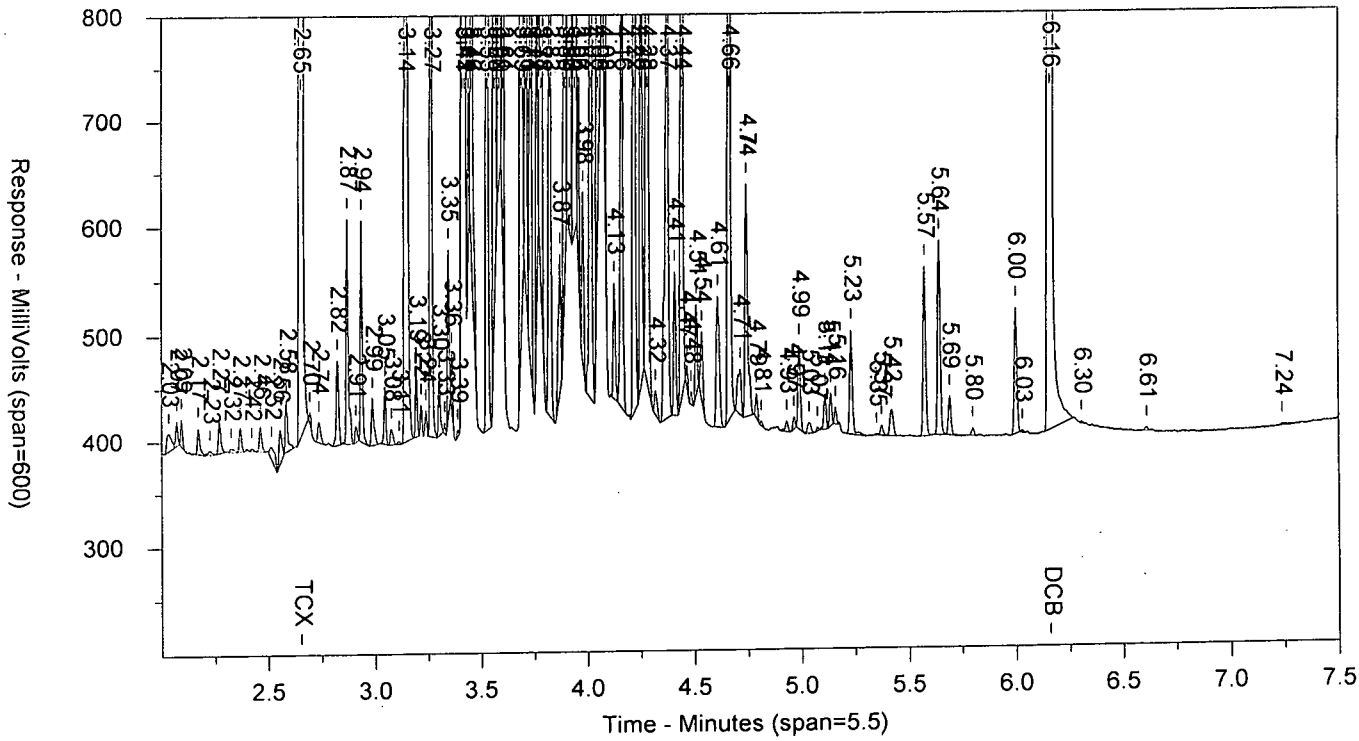


IC48X1724B AAIC48XAA CCAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0033.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0033.RAW



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

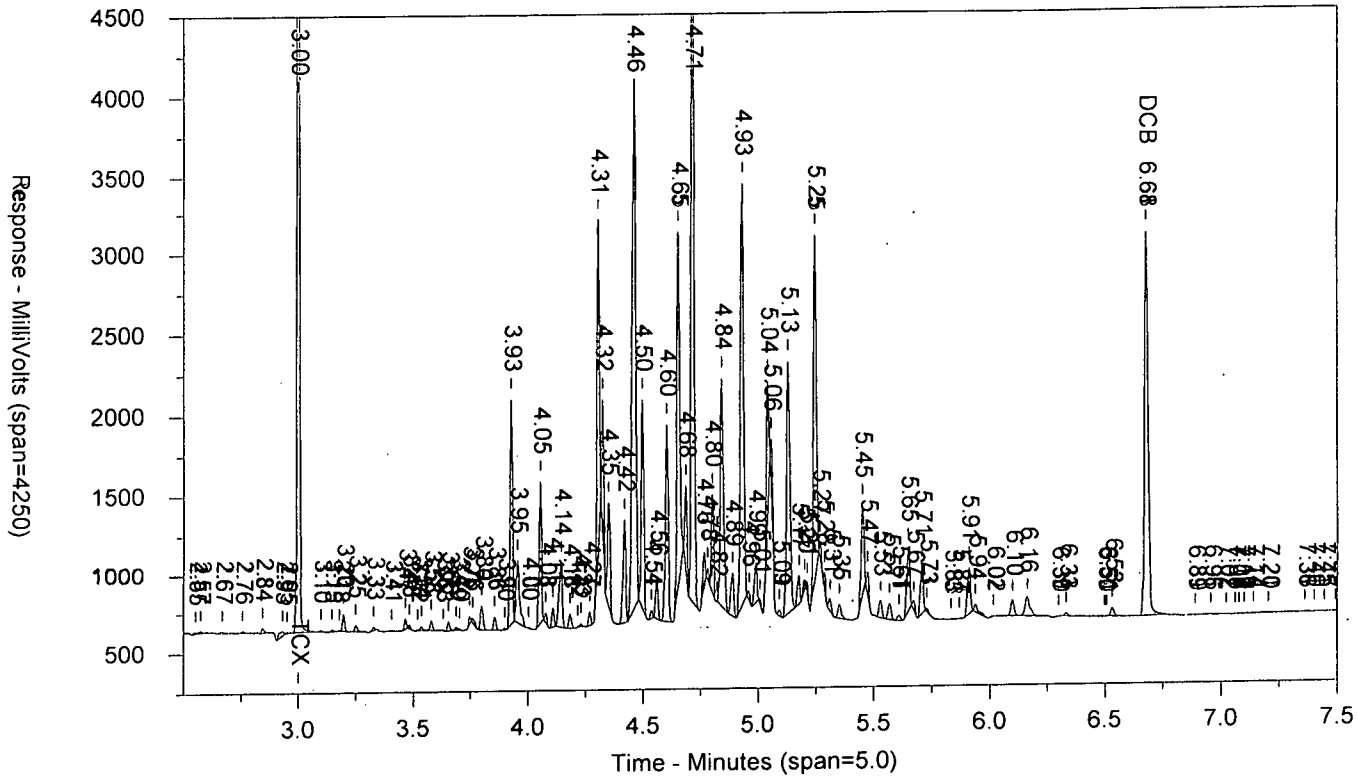
Sample Number: IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082
Injected On: 9/8/2017 4:42:44 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 2855
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 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

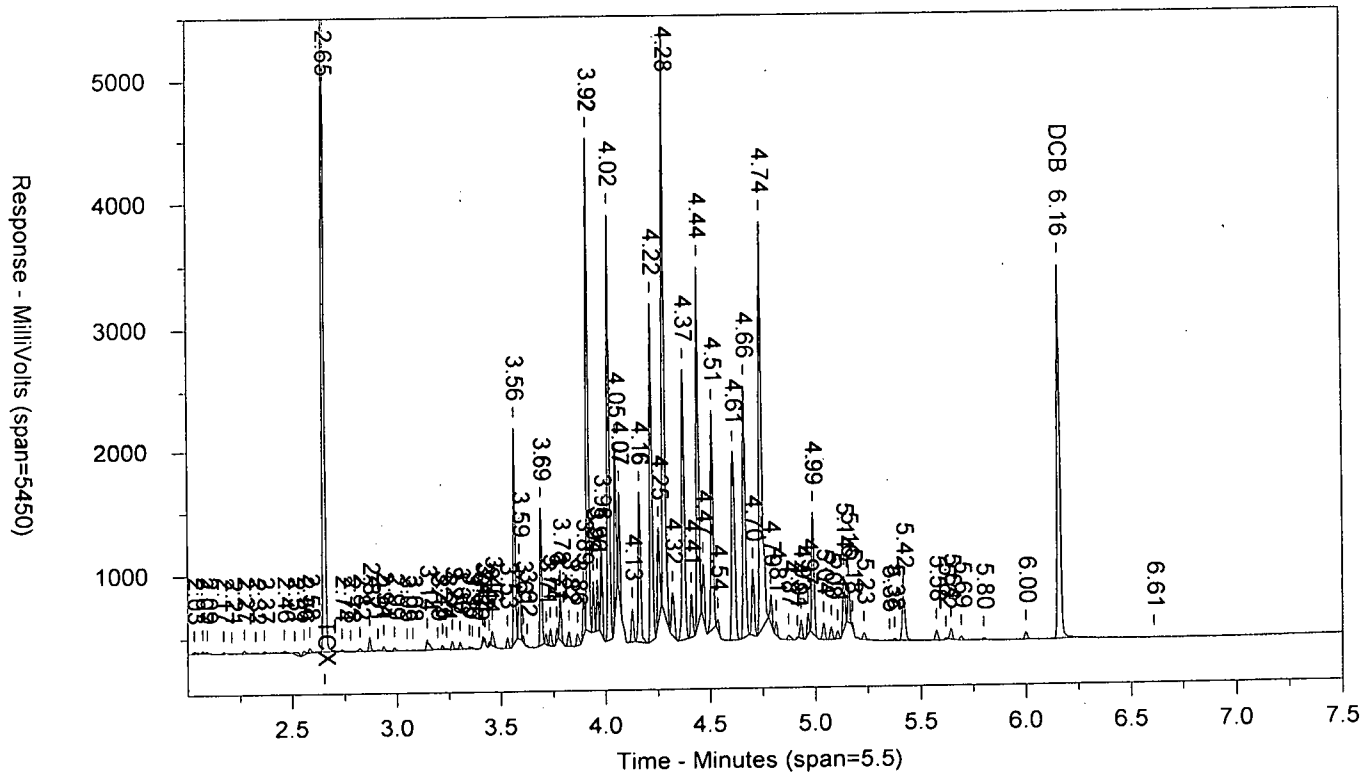
3.864		94861	80853
3.894		337771	196393
3.916		3981043	2587930
3.942		400396	227028
3.961		401255	220226
3.981		688571	422225
4.017		3429506	2312450
4.049		1301079	793076
4.066		834146	431788
4.127		260750	187942
4.163		1198573	916430
4.219		2736379	1984585
4.253		737652	550354
4.281		4749732	3491407
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

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0034.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0034.RAW



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

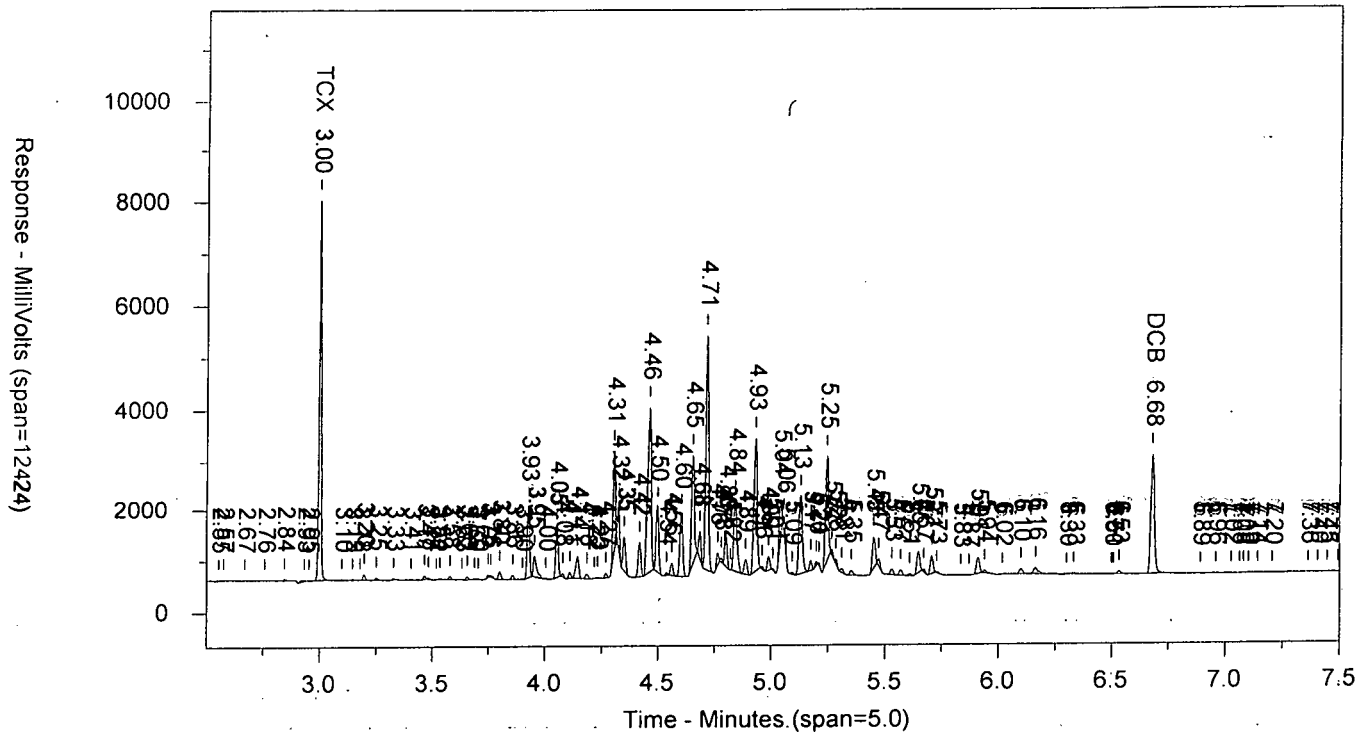
Analyst: 2855

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

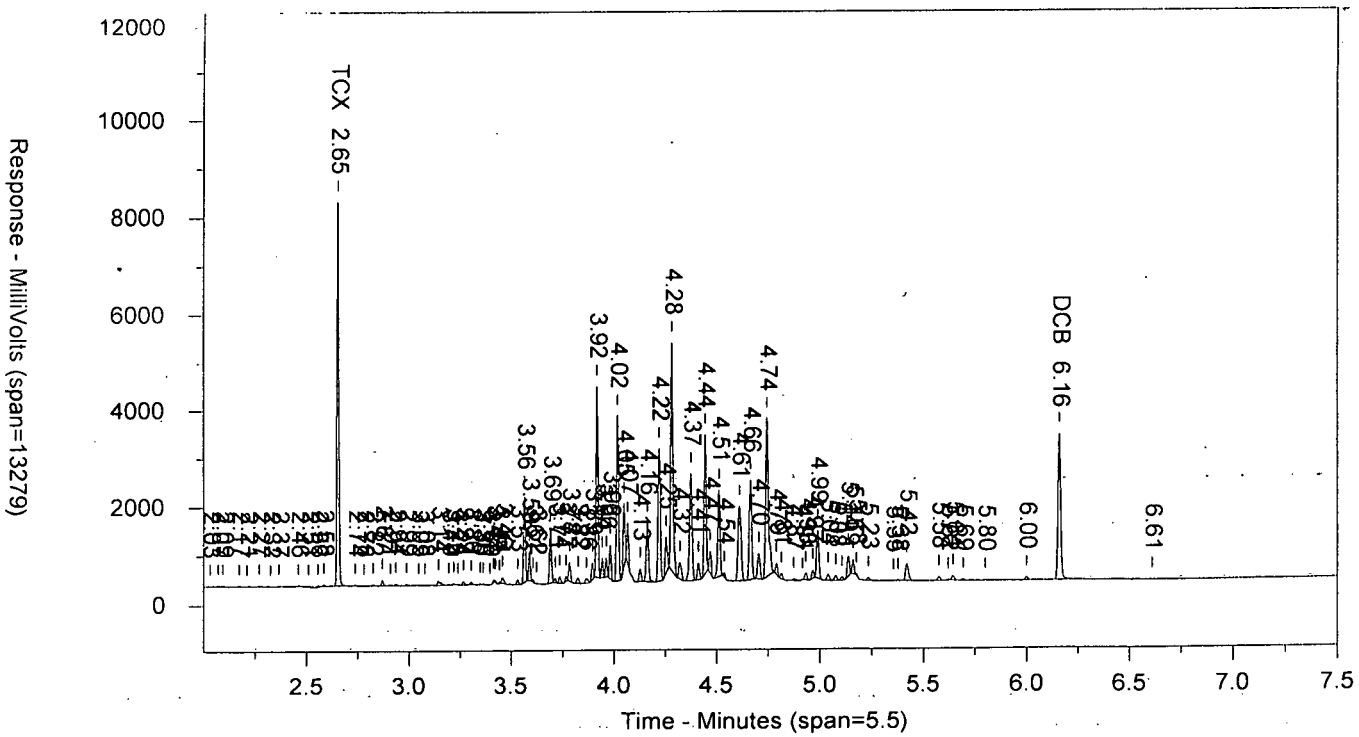
Files:
Area File: 07pcbs17250001.0034.RAW
Area File: 07pcbs17250001B.0034.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/8/2017 4:51:25 AM
File Reported On: 9/8/2017 at 4:51:36 AM

IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0034.RAW

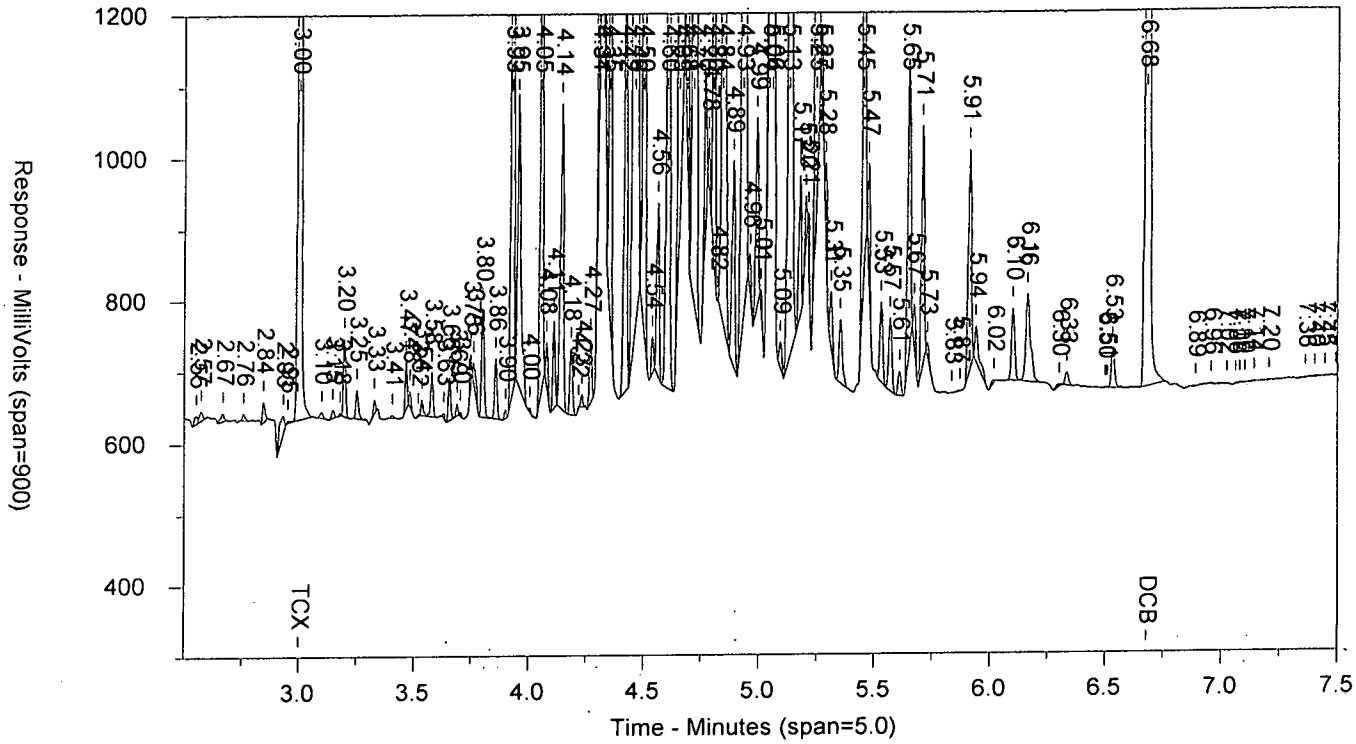


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0034.RAW

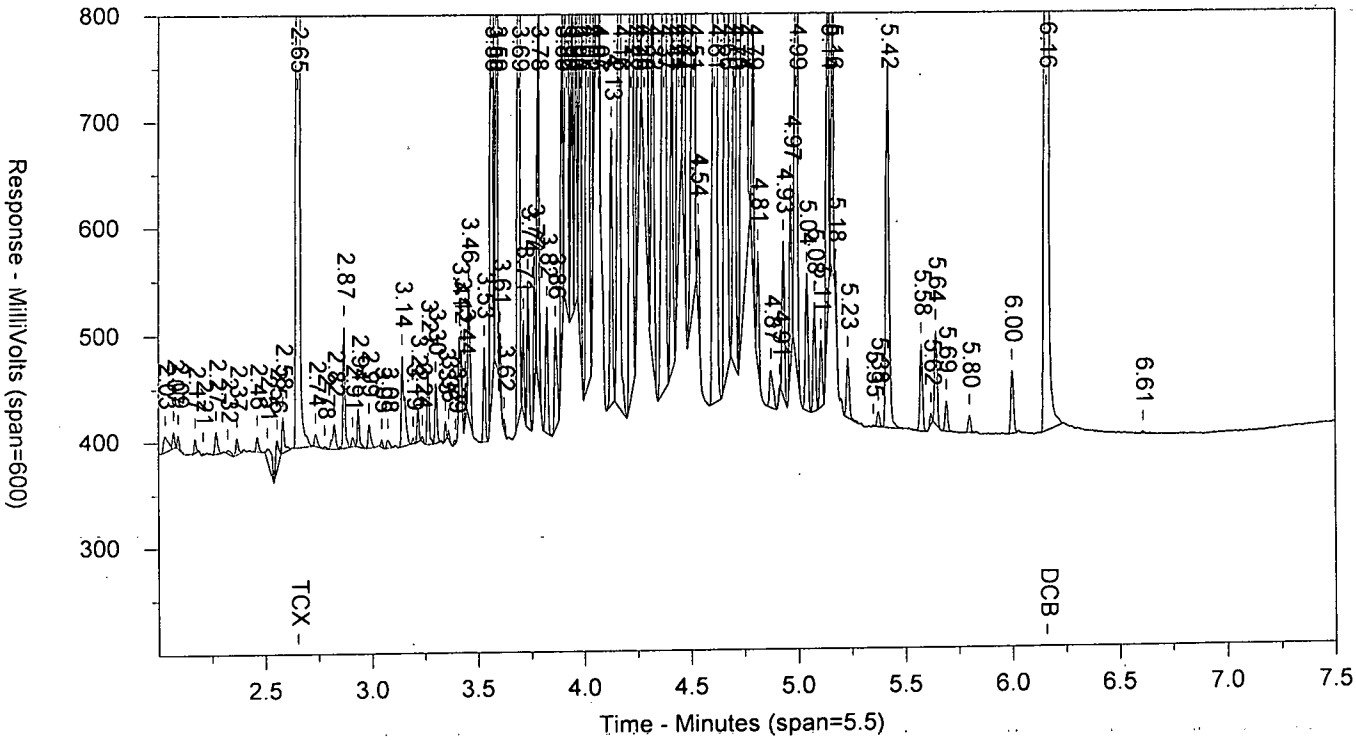


IC54X1724A AAIC54XAA CCAL 1724999999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001.0034.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250001B.0034.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 6:53:31 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: 07pcbs17250009.0005.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.667		7350	47176
2.104		22642	44015
2.147		24922	48093
2.295		71877	51181
2.391		22598	14475
2.404		26794	18401
2.435		8148	7772
2.553		13525	17351
2.635		15274	10624
2.844		21195	15376
2.925		41652	61120
2.953		10284	9609
2.999	TCX	15433070	9623079
3.147		227523	197395
3.201		346971	317217
3.25		1241754	860649
3.327		29221	15350
3.344		158414	99306
3.385		4401	2965
3.466		1314791	787155
3.483		684826	364013
3.519		172549	99309
3.536		30898	11691
3.547		94750	47577
3.581		1581941	1135646
3.616		8265	4556
3.633		11938	6838
3.656		73449	47163
3.69		380616	211430
3.705		192171	97250
3.749		962581	526257
3.761		1489001	761602
3.799		1803263	1384546
3.859		1562664	1192414
3.901		141339	97592
3.928		1098462	805457
3.956		801576	646309
3.978		218903	116825
4.054		1200098	854874
4.079		430627	285252
4.111		496271	350256
4.145		1246668	1194841
4.185		404036	324947
4.233		58696	51208
4.272		85444	64474
4.307		1097471	820627
4.326		244669	135780
4.35		319724	250043
4.42		193743	165607
4.464		1257922	1186511
4.498		45876	30761
4.561		15895	12275
4.602		157504	149199

RT A	Compound A	Height A	Area A
4.655		140756	96103
4.672		366333	249871
4.717		778668	697736
4.765		1218830	1358071
4.802		296024	210215
4.842		2757049	2489829
4.886		23024	17797
4.929		402050	412149
4.962		33267	22714
4.99		443552	417422
5.042		2595166	3314124
5.093		532732	499278
5.133		1146558	1285329
5.174		12317	5938
5.212		229579	265535
5.245		2493448	2236312
5.267		87601	47287
5.286		41242	16559
5.311		1372050	1265037
5.354		827363	806926
5.448		321483	264341
5.473		1565165	1404965
5.529		870702	798859
5.568		485643	483455
5.61		103690	99538
5.651		491470	532726
5.707		3536791	3887898
5.845		1606	981
5.911		2104725	2045272
5.943		85031	65288
5.966		531412	600594
6.1		189553	183668
6.18		483939	759062
6.29		2570	1893
6.334		792629	838843
6.379		49158	40784
6.535		276286	297432
6.681	DCB	5053175	5172609
7.064		1742	525
7.14		2075	1080
7.236		1781	607
7.303		1941	493
7.349		1663	668
7.374		1652	683
7.415		1357	524
7.538		1371	356
7.563		1469	353
7.637		1450	626
7.729		1380	360
7.771		1627	1731
7.812		1680	823
7.868		1280	602
7.917		1718	662
8.066		1203	750
8.088		2062	517
8.242		1317	1012
8.277		1742	534
8.348		1591	601
8.362		1286	470
8.383		2102	1127
8.41		1339	841
8.445		1541	977
8.613		1925	850

LANCASTER LABORATORIES

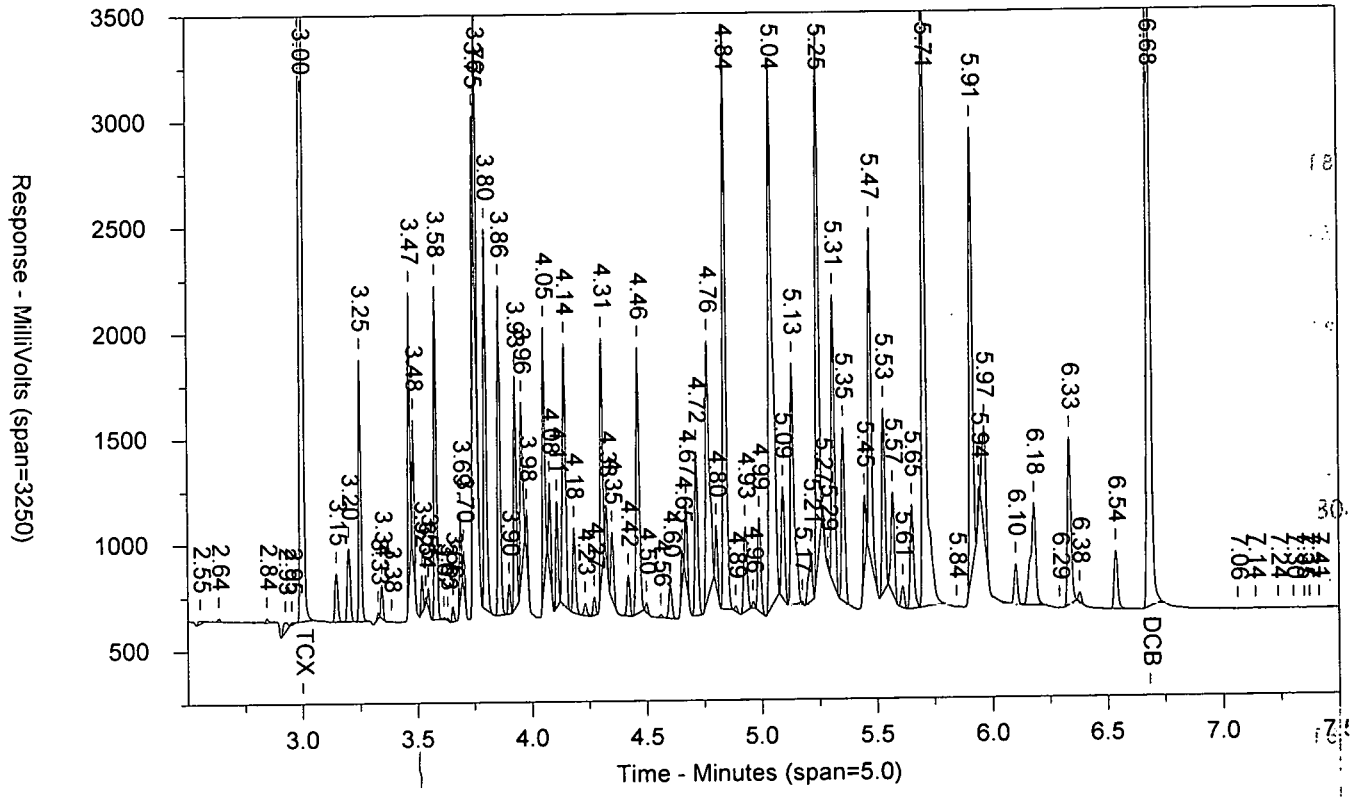
Sample Number: AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 6:53:31 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0005.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.848		4064	3442
1.907		4140	12376
1.965		77141	72986
2.032		14698	26280
2.091		28202	19974
2.222		2386	3527
2.27		8740	10683
2.336		19391	23392
2.51		13814	37673
2.582		44989	81868
2.607		2594	1233
2.652	TCX	15873760	9596624
2.695		117754	84603
2.822		279608	187758
2.848		3006	1560
2.869		143276	67284
2.883		228295	117291
2.935		1348419	840136
2.985		41613	25033
3.046		188398	122927
3.142		1687635	1679879
3.193		217813	131260
3.214		102721	58381
3.24		140380	81584
3.264		1691601	1099320
3.3		65753	39731
3.327		8413	3876
3.347		422962	226544
3.362		235386	115913
3.389		2780	1138
3.412		972540	441199
3.421		1761287	753026
3.441		72238	24690
3.455		1649369	1118125
3.529		1776565	1111849
3.564		1264589	773215
3.588		1329228	740518
3.606		426260	215279
3.691		1513903	999850
3.714		588652	311280
3.735		526022	320737
3.765		347113	189233
3.783		1185651	730277
3.825		443077	323395
3.872		64999	58208
3.894		290838	171807
3.916		1613830	1040840
3.941		310774	184983
3.961		57594	27860
3.981		196566	122984
4.016		1287366	878990
4.051		51749	31232
4.066		116571	68429
4.112		3434	1766

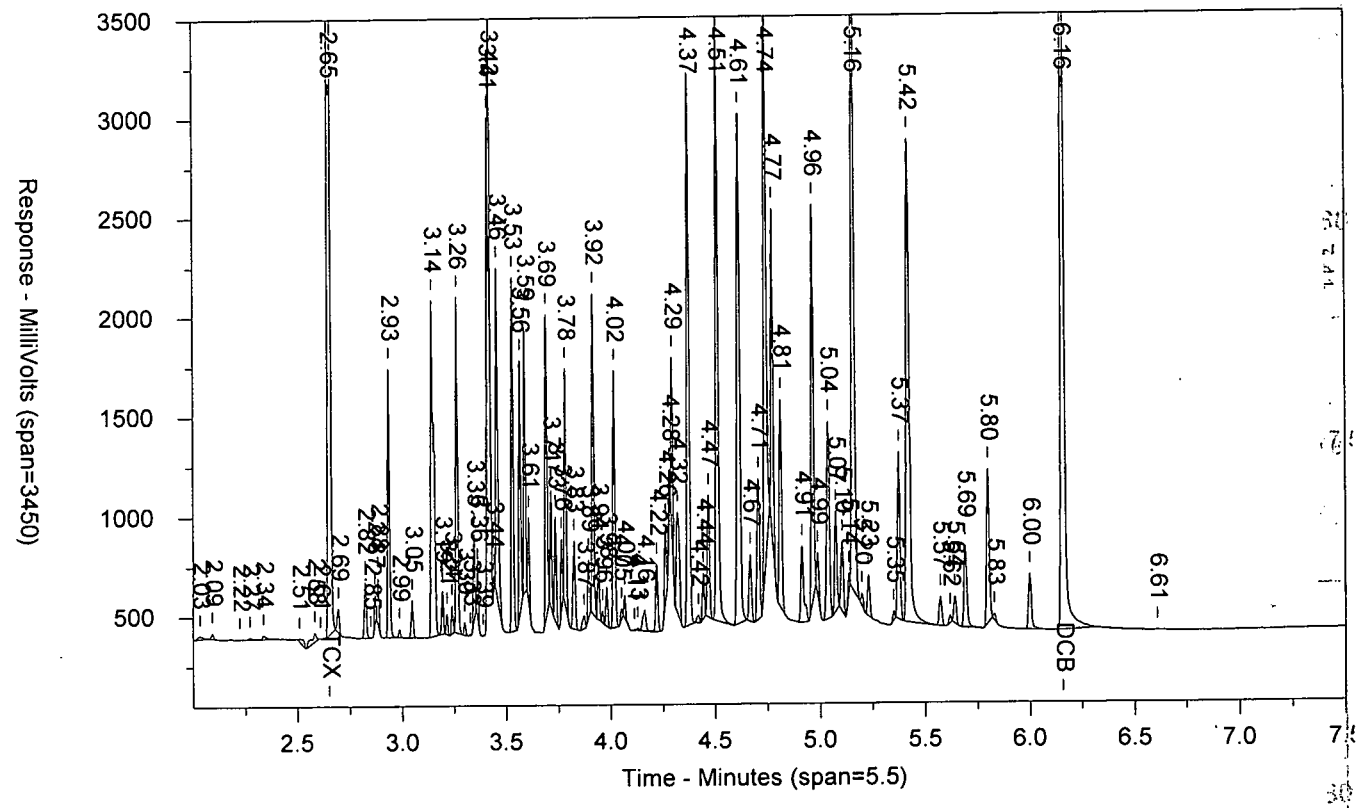
4.128		10790	7072
4.162		105347	113161
4.219		337719	244668
4.262		386220	228847
4.28		276185	132434
4.294		919802	513910
4.319		503345	526954
4.372		2776645	2132524
4.418		40346	34818
4.442		227394	147256
4.467		608819	446977
4.51		3054379	2479397
4.613		2560719	2465525
4.666		335678	271070
4.705		704346	608273
4.741		2900001	2450794
4.774		1648340	1119882
4.813		1040492	837990
4.913		379431	368918
4.963		1992166	1531785
4.987		211819	137459
5.038		985313	908803
5.074		498681	386698
5.104		346270	285626
5.136		109040	61358
5.158		3924752	3313213
5.199		64890	44641
5.231		204395	158068
5.35		45928	28336
5.373		833896	679933
5.418		2423606	2768350
5.573		147481	130228
5.619		38639	26643
5.642		136167	111359
5.691		407187	385334
5.798		770249	667813
5.829		31001	21662
5.998		279819	274083
6.156	DCB	5790332	5581880
6.607		3957	3363
8.294		8206	15239

AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0005.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0005.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 6:53:31 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

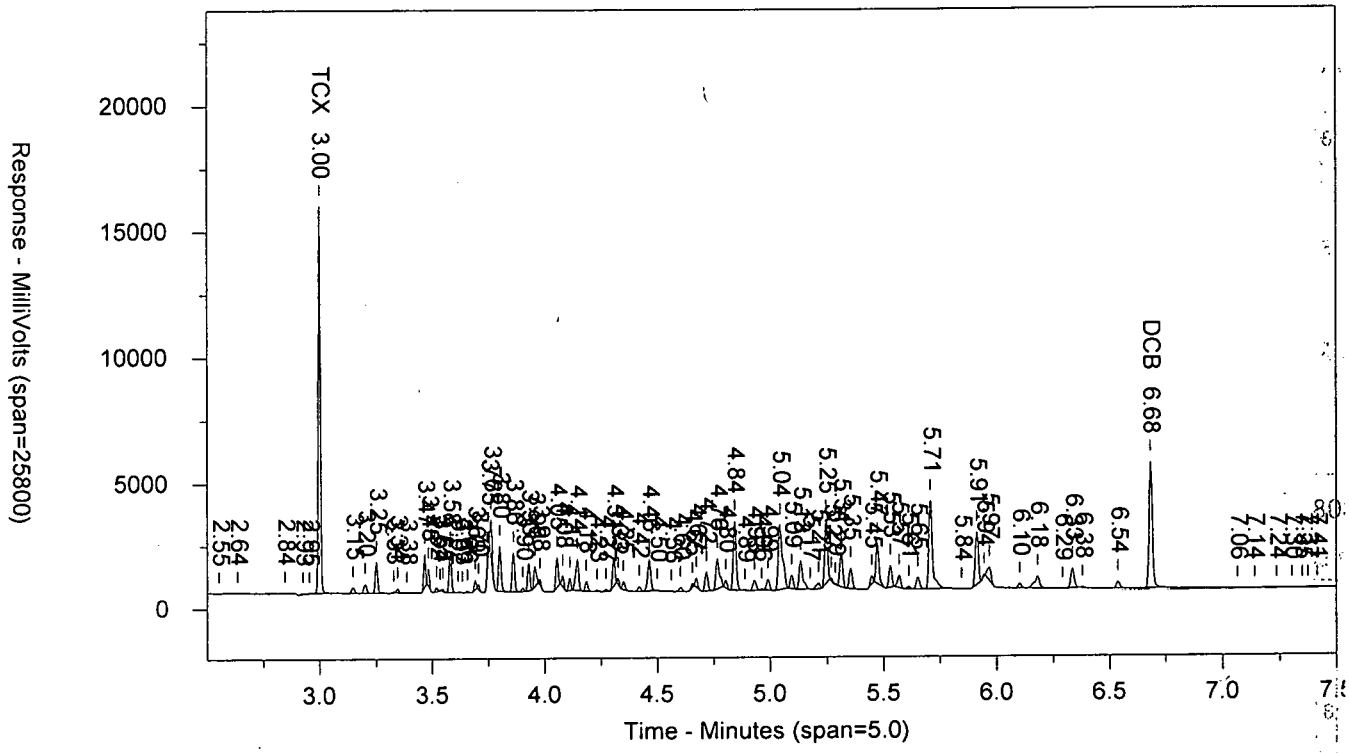
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	15433070	40.774	TCX	2.652	15873760	40.846	TCX
6.681	5053175	37.437	DCB	6.156	5790332	36.348	DCB

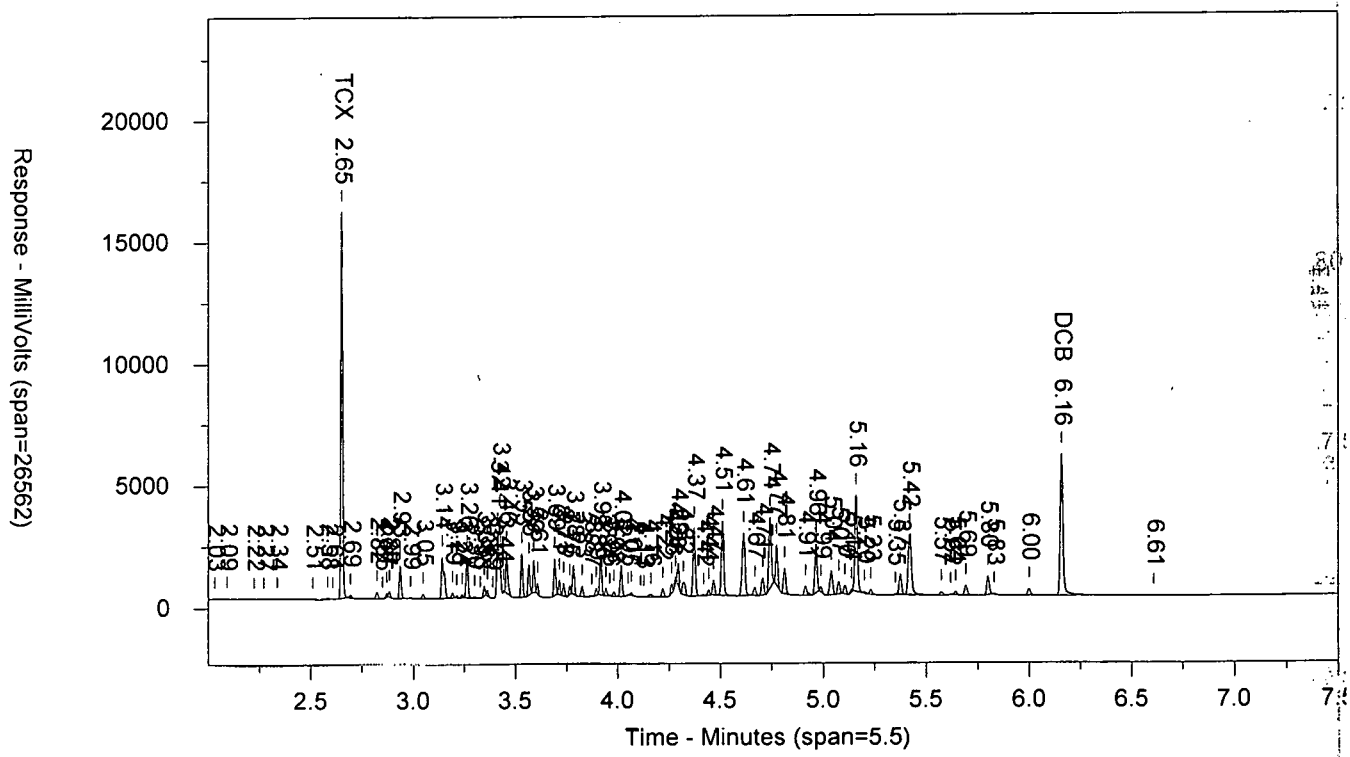
Files:
Area File: 07pcbs17250009.0005.RAW
Area File: 07pcbs17250009B.0005.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 7:02:15 PM
File Reported On: 10/4/2017 at 2:10:52 PM

AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 80

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0005.RAW

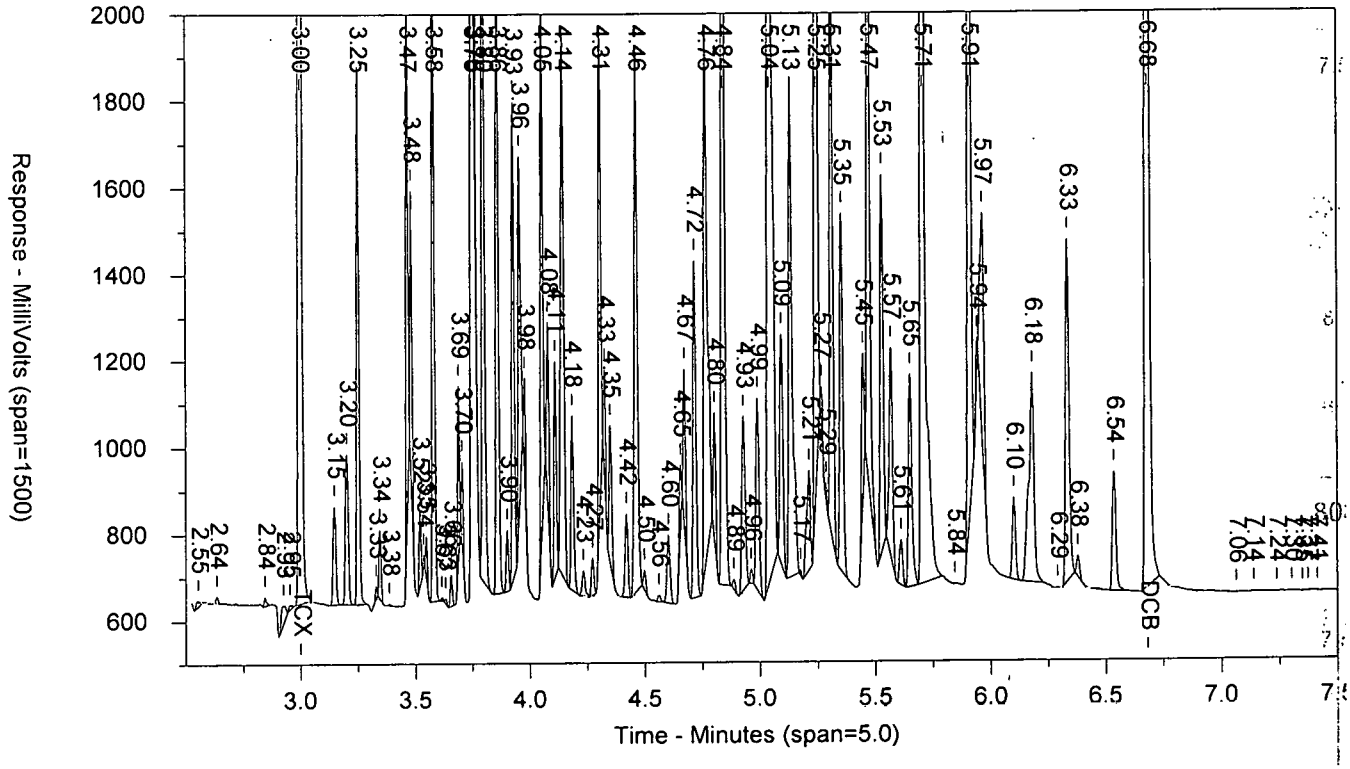


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0005.RAW

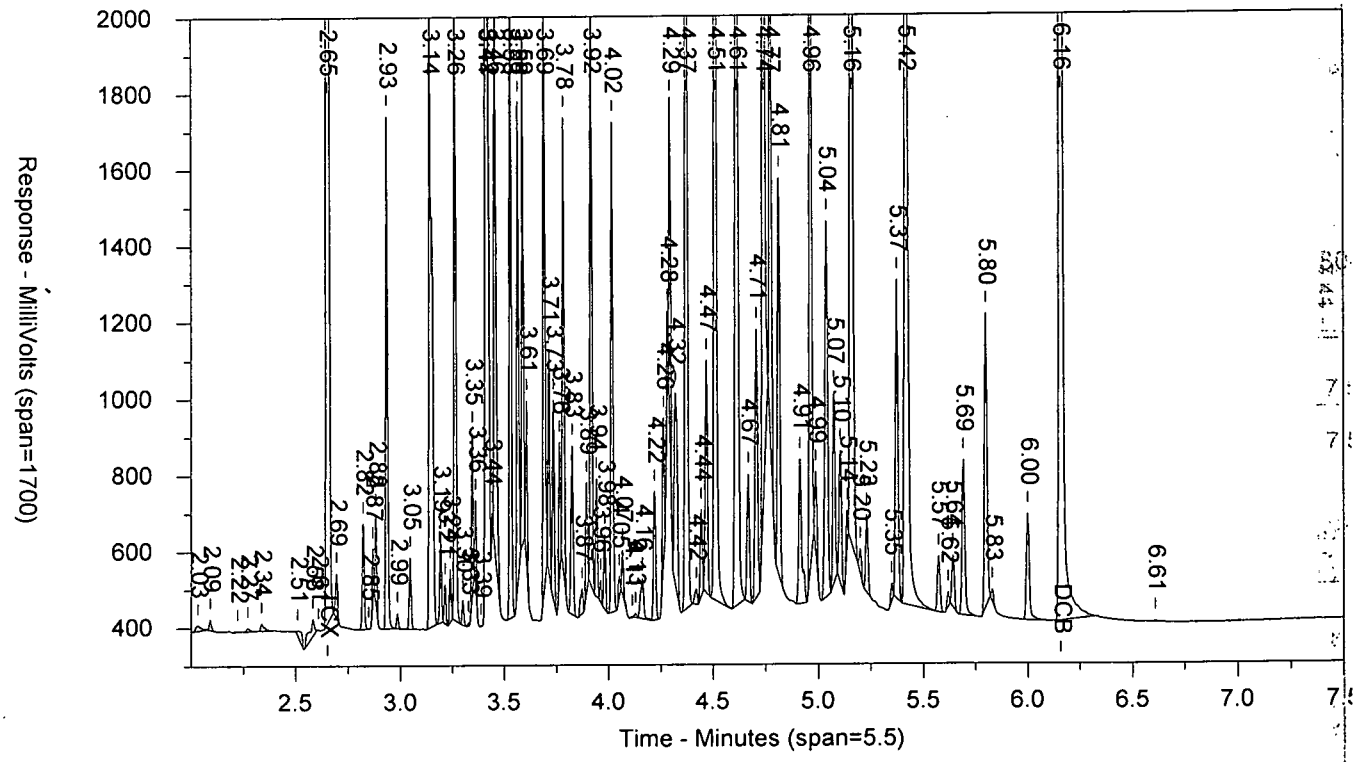


AR1641724B AMAR164AM CCAL 1726099999 10736 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0005.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0005.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 7:04:59 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: 07pcbs17250009.0006.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.658		5233	21256
2.111		9026	20651
2.147		5697	4006
2.295		34712	23031
2.391		27132	15617
2.434		7682	7129
2.551		11121	11807
2.822		4998	3512
2.844		34523	26334
2.926		34624	52530
2.961		4222	5240
3	TCX	7407590	4765166
3.197		111933	73029
3.329		26653	25636
3.662		4103	2824
3.739		3729	2431
3.8		2070	1066
3.871		819	347
3.897		906	354
3.903		1054	394
3.926		613	96
3.934		996	392
3.998		3784	5571
4.072		1525	805
4.25		11032	11299
4.331		6094	5606
4.361		4666	4063
4.451		1523	586
4.529		1335	999
4.569		2113	1024
4.684		3894	4754
4.835		1367	500
4.968		7569	7264
5.049		3722	7267
5.088		1294	796
5.124		632	603
5.209		14639	13372
5.389		2048	1564
5.413		1716	666
5.45		1340	676
5.47		1837	762
5.515		5178	8658
5.61		12169	11199
5.732		35568	40932
5.777		1464	1395
5.816		1548	852
5.823		1789	611
5.85		1161	700
5.914		3342	3939
5.939		1690	459
5.958		3149	2784
6.017		1585	1276
6.101		83628	78674

RT A	Compound A	Height A	Area A
6.165		93820	107070
6.303		1414	1640
6.419		1075	697
6.534		48186	51152
6.682	DCB	2549209	2740002
7.006		1147	382
7.145		2144	1543
7.197		1403	415
7.254		1423	529
7.326		1940	825
7.355		1279	584
7.494		1276	1016
7.539		1403	510
7.739		1194	826
7.766		1765	398
7.86		1825	524
7.889		1490	430
7.97		1851	1284
8.047		1404	383
8.111		1111	853
8.413		1875	715
8.468		1800	550

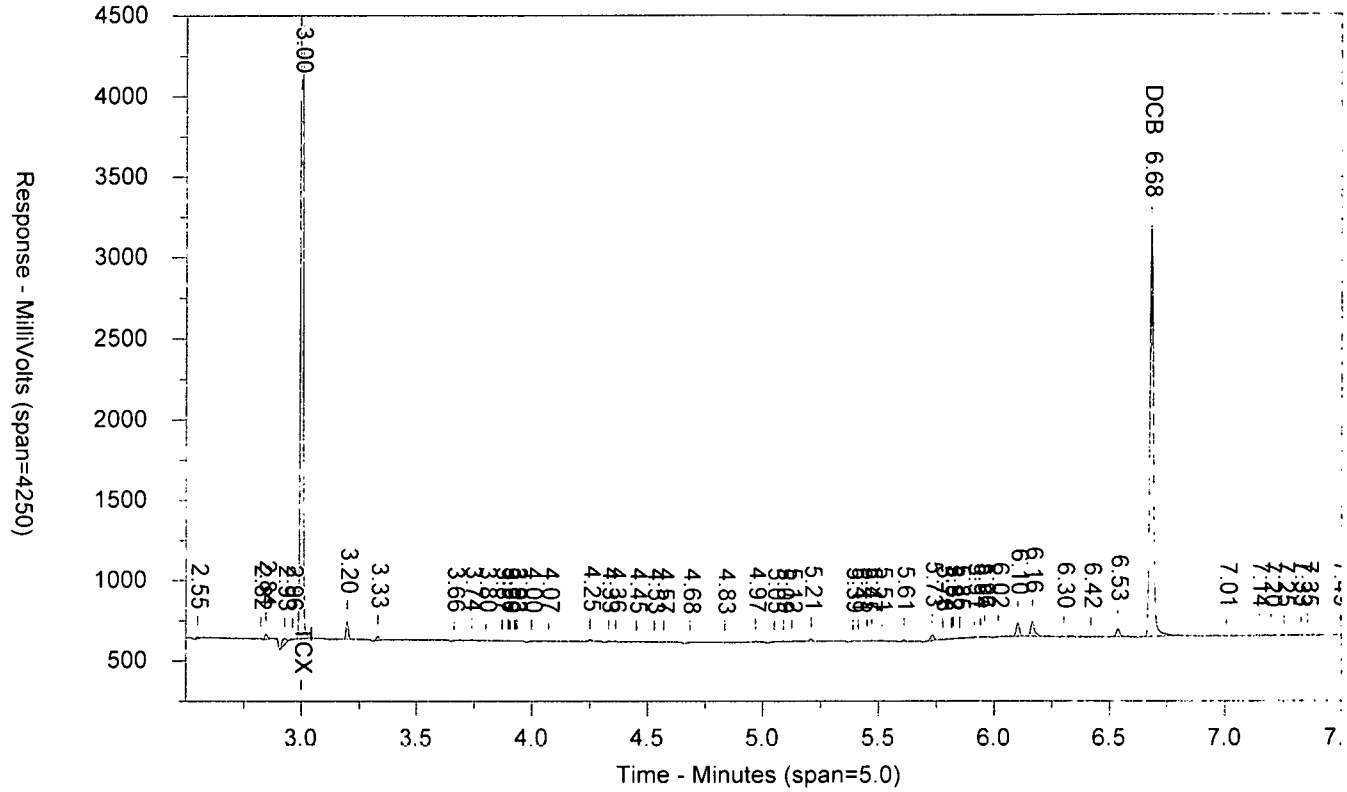
LANCASTER LABORATORIES

Sample Number: IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 7:04:59 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: 07pcbs17250009B.0006.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

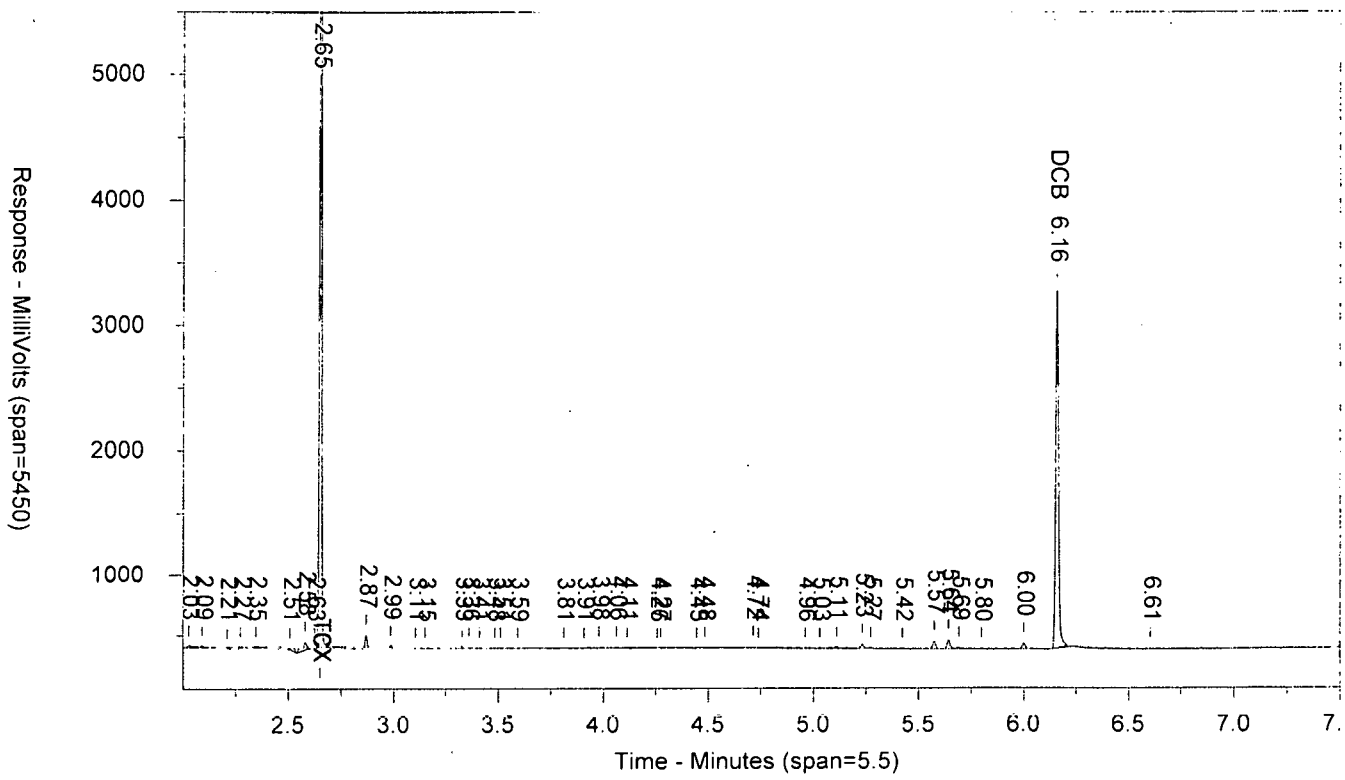
RT B	Compound B	Height B	Area A
1.832		2119	3832
1.849		1649	886
1.963		46528	52682
2.028		16992	33333
2.092		14120	10471
2.209		2064	3608
2.272		8070	8811
2.346		7235	10228
2.508		15674	44433
2.582		72594	120066
2.627		2968	1720
2.652	TCX	8025691	4815162
2.869		110594	70791
2.985		20163	13305
3.107		2251	1630
3.154		3044	7876
3.329		7118	3763
3.362		5464	4829
3.412		4196	7786
3.485		2270	1862
3.511		2042	4288
3.594		2530	2437
3.812		2587	16072
3.908		3076	5439
3.979		12603	11843
4.064		10753	10643
4.114		5081	7827
4.258		628	1958
4.274		2080	1347
4.445		1347	863
4.485		7362	7048
4.715		15395	13558
4.74		1847	2144
4.962		1814	1262
5.031		2830	3127
5.111		9998	8140
5.233		34503	29170
5.272		4641	4468
5.423		4290	4574
5.575		63738	56340
5.643		71686	63941
5.692		11107	9687
5.799		2196	1709
5.999		48017	43034
6.157	DCB	2875515	2767667
6.606		2308	1894
8.29		7564	12870

IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0006.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0006.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 7:04:59 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

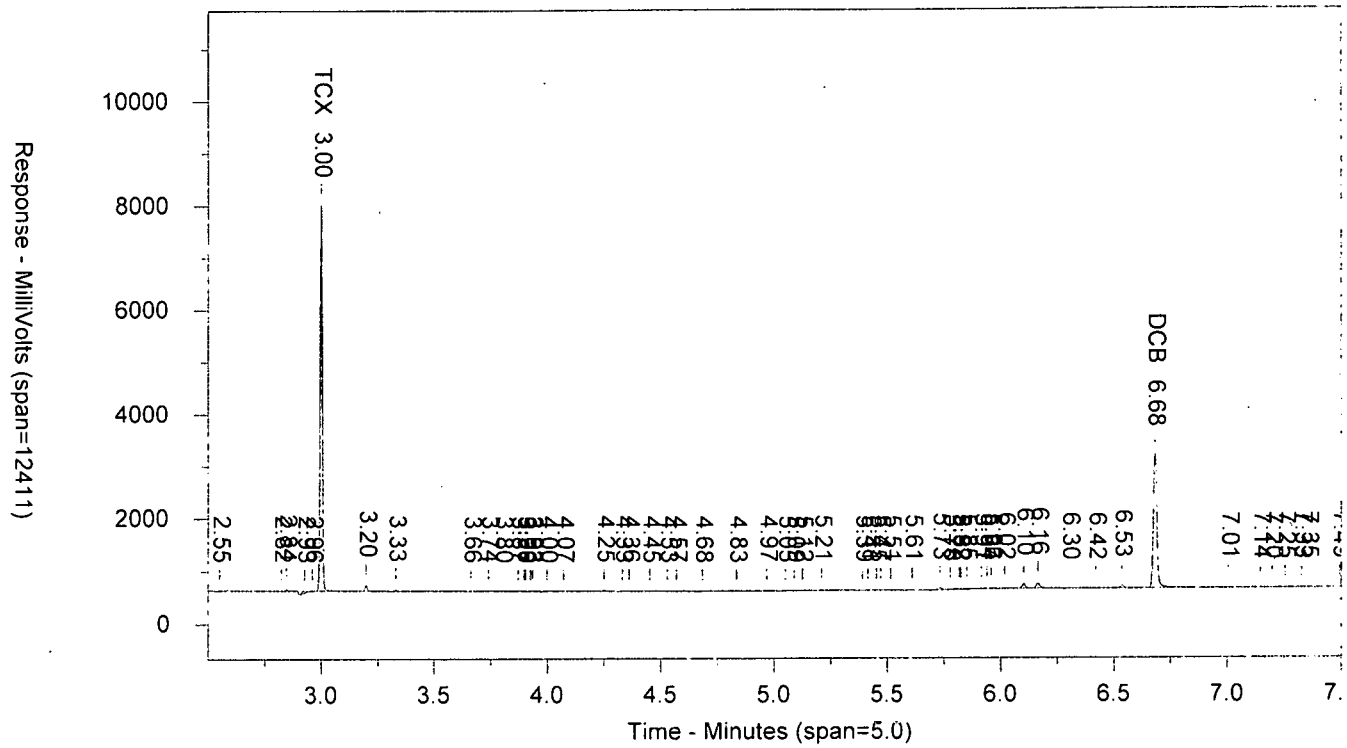
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	7407590	.196	TCX	2.652	8025691	.207	TCX
6.682	2549209	.189	DCB	6.157	2875515	.181	DCB

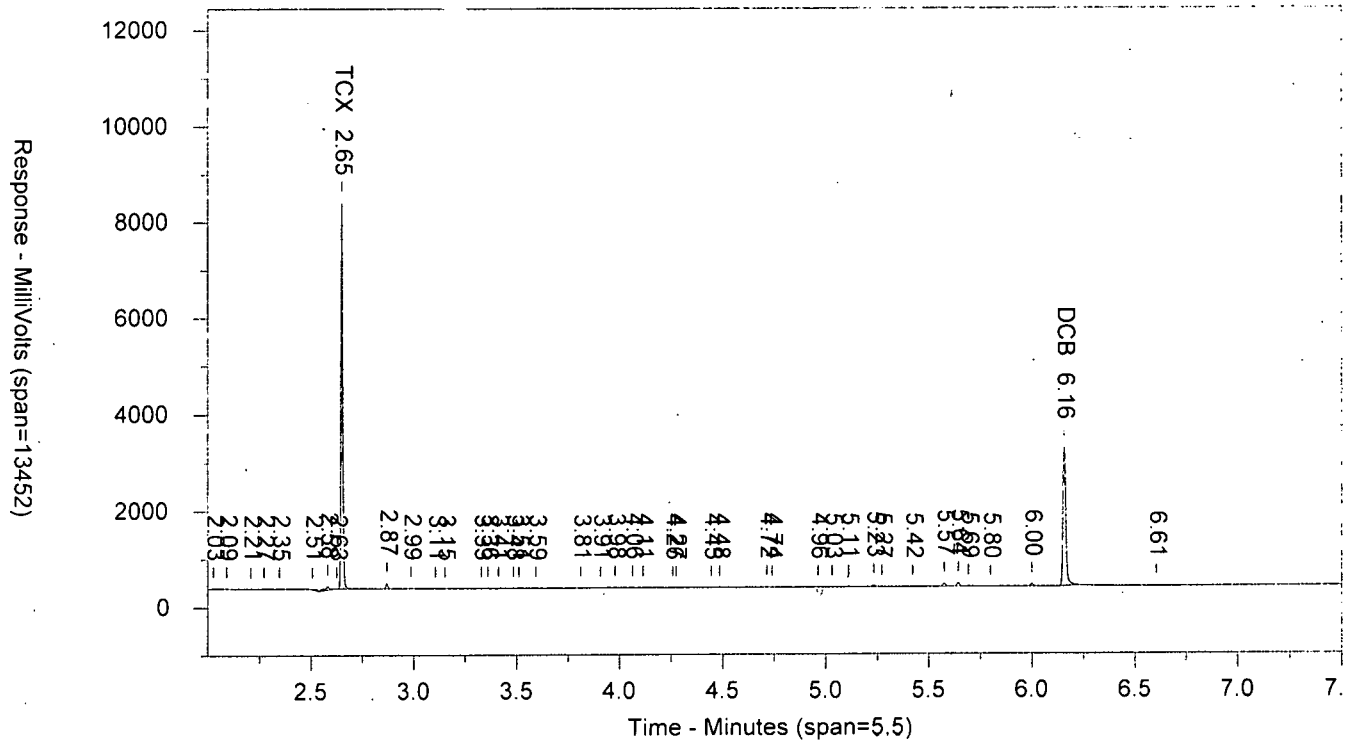
Files:
Area File: 07pcbs17250009.0006.RAW
Area File: 07pcbs17250009B.0006.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 7:13:44 PM
File Reported On: 9/18/2017 at 7:13:54 PM

IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0006.RAW

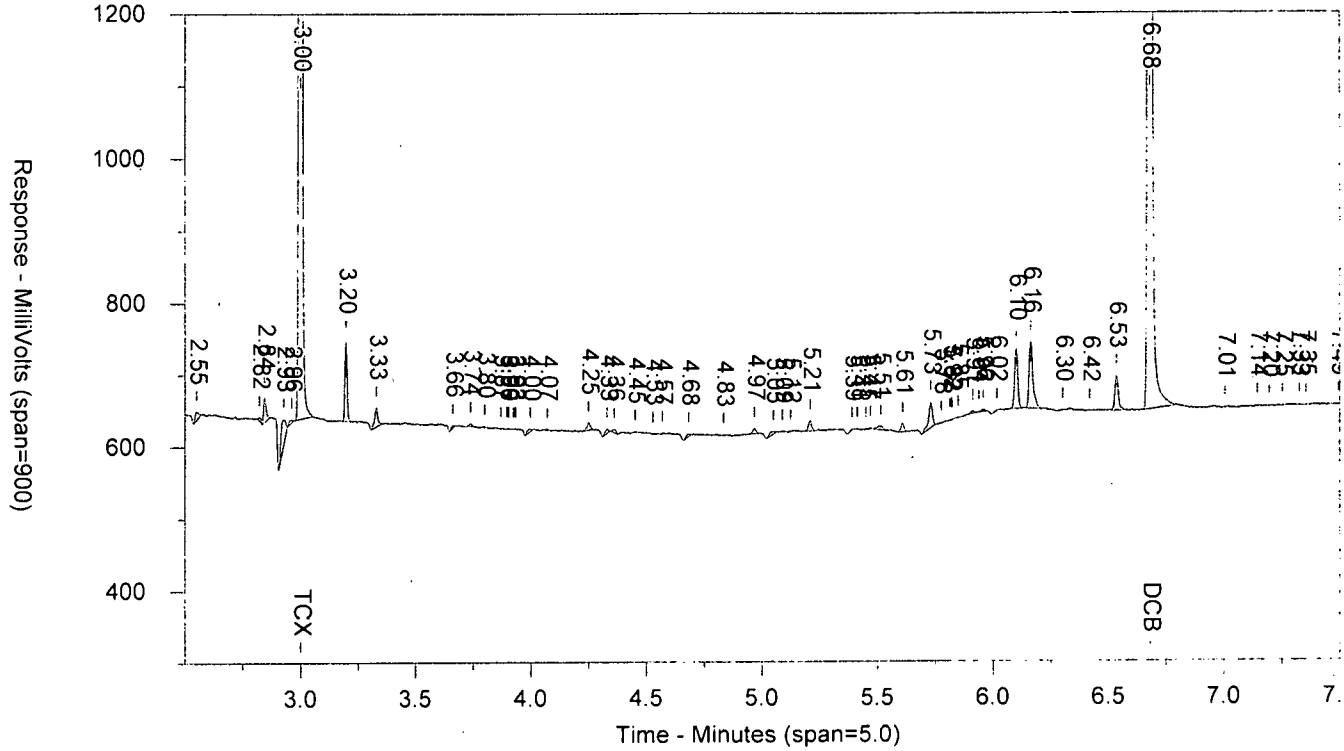


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0006.RAW

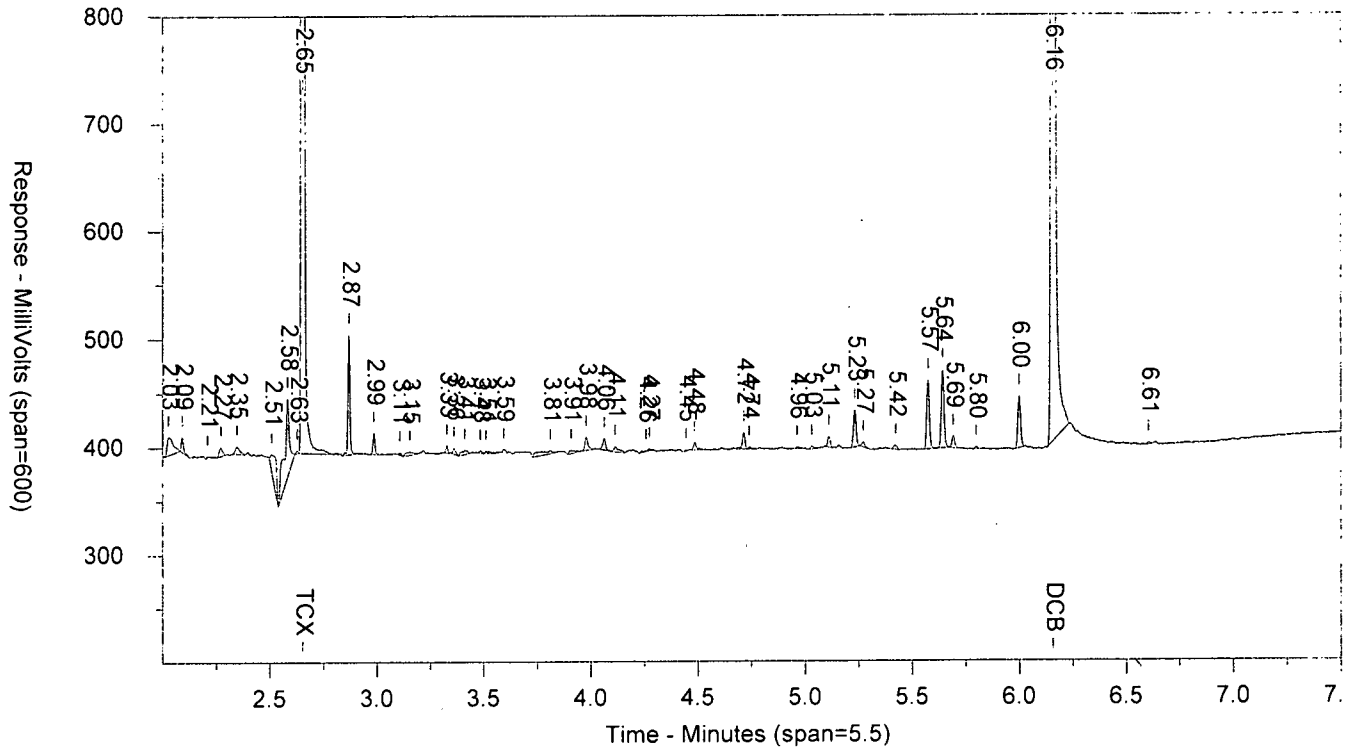


IBLKX1724B AYPIBLKAY PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0006.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0006.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:05:27 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: 07pcbs17250009.0027.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.671		17687	65549
1.76		5139	6664
2.113		16382	30705
2.147		28053	56938
2.22		9122	13545
2.295		76557	61354
2.39		29596	21245
2.404		29593	18829
2.434		8848	9202
2.481		5314	2540
2.55		16271	16007
2.576		12663	13725
2.635		16799	11373
2.669		6763	4759
2.757		7087	5855
2.846		14505	11386
2.931		36737	63130
2.958		4632	4619
2.999	TCX	16188450	10221960
3.097		10056	7513
3.147		245936	207409
3.177		2808	1140
3.201		362082	327122
3.251		1308080	909009
3.328		28340	15009
3.344		165477	103150
3.383		4426	2796
3.406		4016	2695
3.466		1333274	823661
3.483		697043	374120
3.52		177877	102314
3.535		31791	12726
3.548		96616	49903
3.581		1619404	1193158
3.618		10971	5558
3.635		13455	7184
3.656		77334	50183
3.69		388576	225683
3.705		215275	104111
3.749		945745	492960
3.761		1686691	835885
3.8		1870802	1428811
3.86		1679497	1229275
3.901		143723	101179
3.929		1153223	829736
3.956		826994	673294
3.979		253400	125577
4.055		1213002	881593
4.079		447799	293968
4.111		486656	359668
4.145		1247143	1236073
4.186		422064	335409
4.234		61409	51768

RT A	Compound A	Height A	Area A
4.273		92475	67314
4.307		1166165	866459
4.327		266632	153216
4.351		339647	255734
4.421		200647	169938
4.464		1245736	1218852
4.498		47588	33771
4.561		17663	13591
4.603		174139	161905
4.655		152172	103739
4.672		367131	251057
4.717		805337	719230
4.766		1246715	1399534
4.803		312172	217252
4.842		2769642	2547436
4.886		29255	22142
4.929		403028	432226
4.964		35426	24326
4.991		451831	424254
5.043		2658780	3400995
5.095		566849	508694
5.134		1209701	1314634
5.175		11724	6001
5.212		230017	277569
5.247		2511566	2292243
5.269		78447	40224
5.287		39380	17328
5.313		1355602	1256164
5.355		867457	805822
5.449		323199	263336
5.473		1550475	1363488
5.531		850352	790324
5.569		494997	498021
5.609		109537	106644
5.652		487758	536866
5.707		3606388	3861633
5.79		3086	1110
5.856		2370	1248
5.911		2130516	2059304
5.943		81328	58135
5.966		527587	601929
6.046		1969	457
6.101		181207	179325
6.181		488034	748720
6.335		797688	830313
6.378		52683	47212
6.535		275890	284629
6.682	DCB	5050468	5299914
6.896		1306	714
6.954		1187	584
7.057		1367	337
7.092		2217	738
7.141		2627	2437
7.177		2023	762
7.211		1243	425
7.65		1290	764
7.69		1651	474
7.852		2155	506
7.898		1586	551
7.919		1144	285
7.951		995	389
7.98		1477	583
8.048		1504	362
8.058		1617	420
8.113		1213	1149
8.237		1177	992

RT A	Compound A	Height A	Area A
8.389		2212	619
8.556		1521	316
8.586		1501	628
8.627		1760	751

LANCASTER LABORATORIES

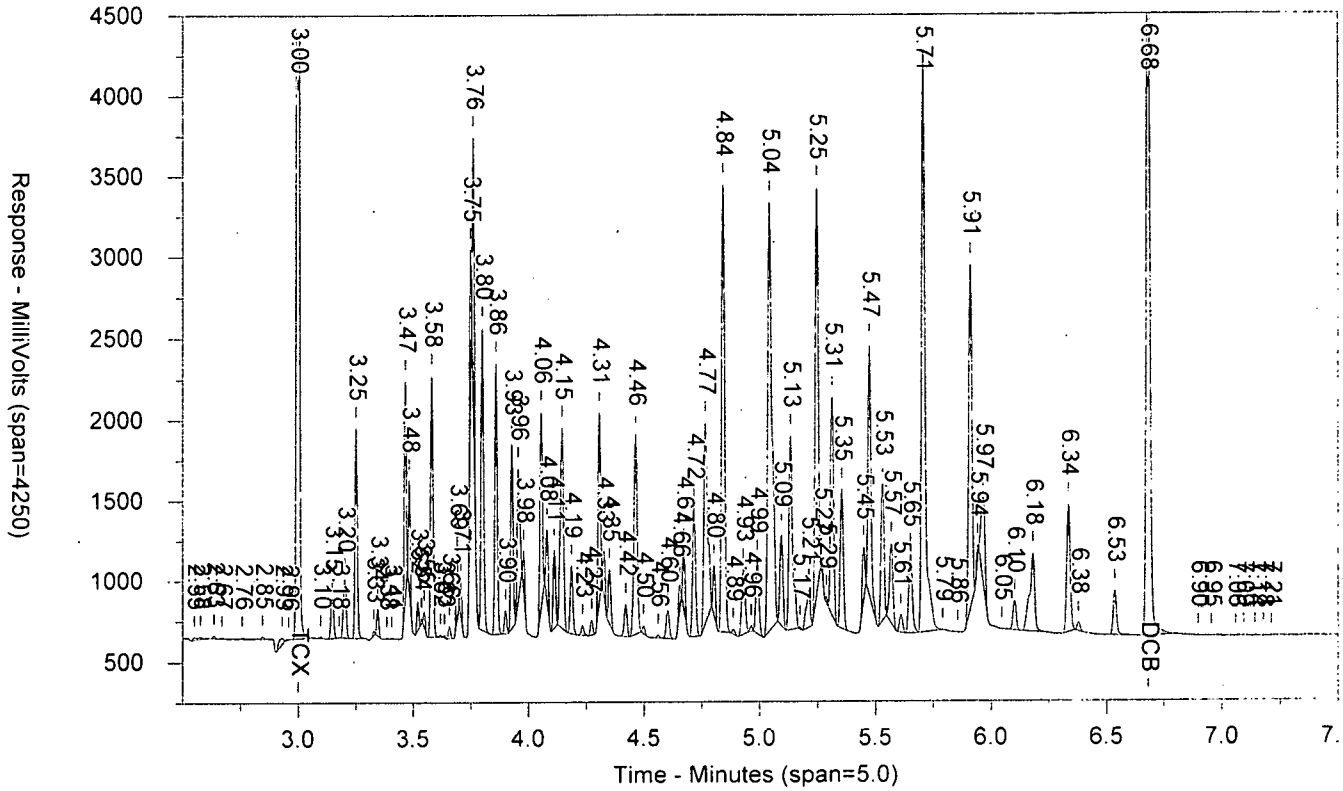
Sample Number: AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:05:27 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0027.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.567		4187	4109
1.666		6193	5379
1.768		9806	10643
1.81		4920	8525
1.846		3219	2052
1.87		9519	8074
1.965		82971	80421
2.029		13103	19908
2.072		8956	5721
2.091		27342	16717
2.172		11703	11364
2.225		2947	5749
2.27		18053	17562
2.336		16770	14286
2.366		7568	4733
2.461		10130	8336
2.512		23036	48944
2.556		30103	31045
2.581		11559	7790
2.607		3937	2092
2.652	TCX	16636720	9904361
2.694		123073	87956
2.735		7926	7173
2.822		289940	199136
2.85		2370	890
2.869		151167	69727
2.883		233232	118722
2.91		4646	2925
2.935		1379237	862497
2.986		43800	29262
3.046		194039	121318
3.077		6020	4819
3.142		1718607	1731253
3.193		221285	134877
3.215		107735	60242
3.24		144252	83377
3.264		1697024	1133638
3.301		68139	40997
3.328		11627	5253
3.347		435137	230900
3.362		251319	120100
3.39		4516	2001
3.413		842294	393591
3.422		1834865	787641
3.442		82069	28327
3.456		1693705	1144198
3.53		1827724	1142106
3.565		1265603	780430
3.588		1358914	754751
3.606		441094	220762
3.692		1558789	1017606
3.714		588276	319568
3.735		540886	329348
3.765		365477	192930

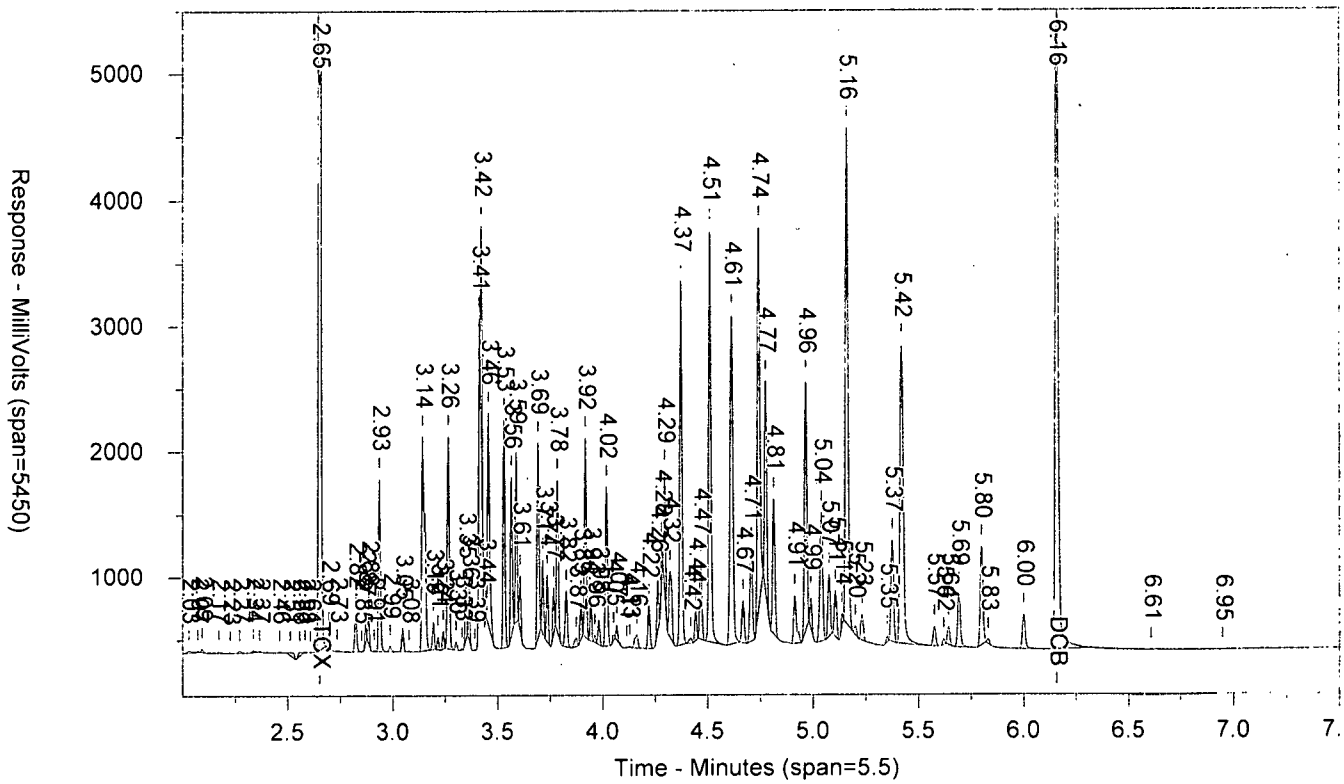
3.783		1215287	754696
3.825		452473	331669
3.872		67688	62390
3.895		301793	178719
3.917		1589516	1068717
3.942		324895	191082
3.961		57507	27726
3.981		199691	124903
4.017		1270436	903531
4.051		53002	31949
4.066		122118	70557
4.113		3406	1936
4.128		11775	7583
4.162		108308	117878
4.22		345307	249678
4.262		402435	239294
4.28		272662	137591
4.294		948089	535375
4.32		530179	538843
4.373		2912904	2175523
4.419		42139	39163
4.443		233383	153576
4.467		617269	452529
4.51		3278331	2521293
4.613		2628677	2523300
4.667		339700	279875
4.705		742591	624524
4.742		3038732	2560384
4.775		1697246	1164768
4.813		1078248	855121
4.913		385803	377543
4.965		1983344	1569922
4.989		233469	147479
5.039		1031076	928007
5.074		500340	390971
5.105		369564	295836
5.137		102885	61161
5.16		3952528	3403271
5.2		70906	48880
5.232		206686	169557
5.35		44171	28320
5.374		810470	692301
5.419		2376510	2785568
5.575		155882	133589
5.62		41002	29177
5.642		143231	114610
5.692		428772	392558
5.799		787379	689534
5.831		37845	26159
5.998		274774	271678
6.157	DCB	5710970	5603374
6.609		4616	4391
6.947		1454	2847
8.293		8484	14165

AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 808

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0027.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0027.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:05:27 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

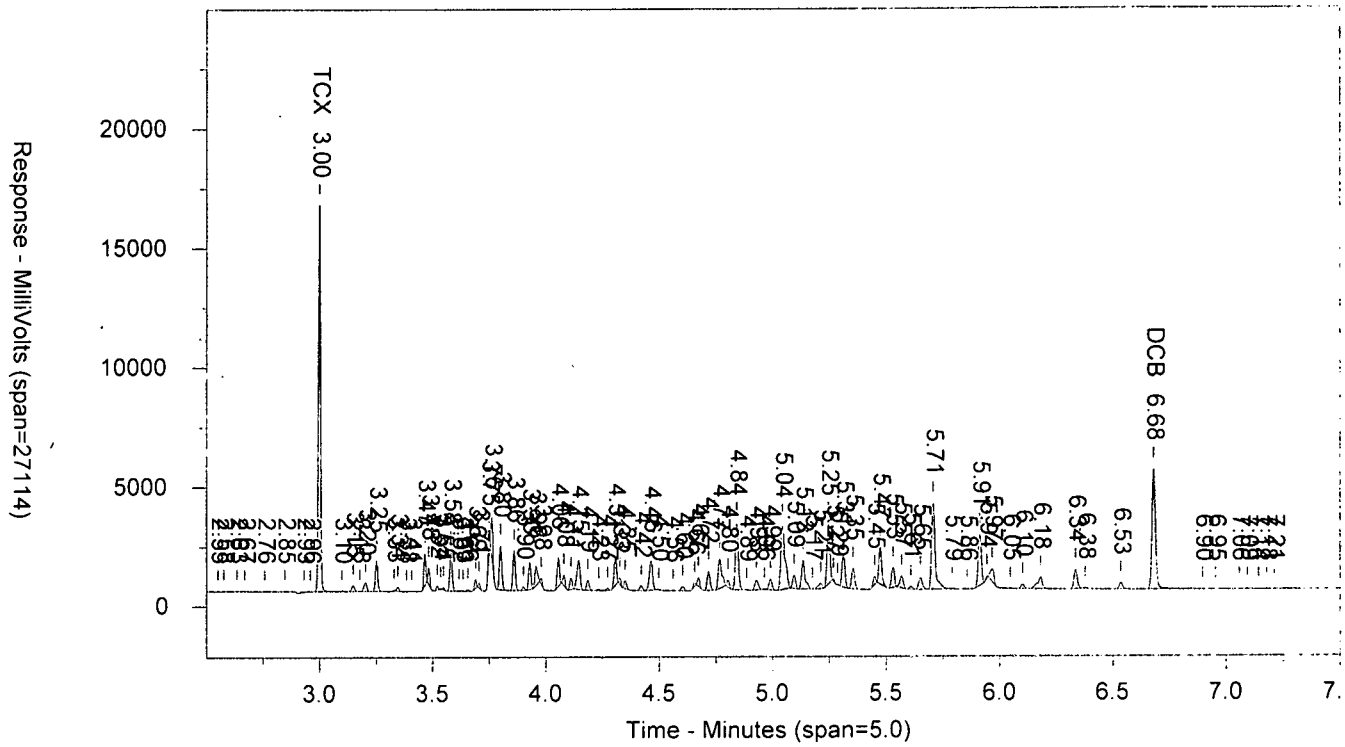
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound E
2.999	16188450	42.77	TCX	2.652	16636720	42.809	TCX
6.682	5050468	37.417	DCB	6.157	5710970	35.849	DCB

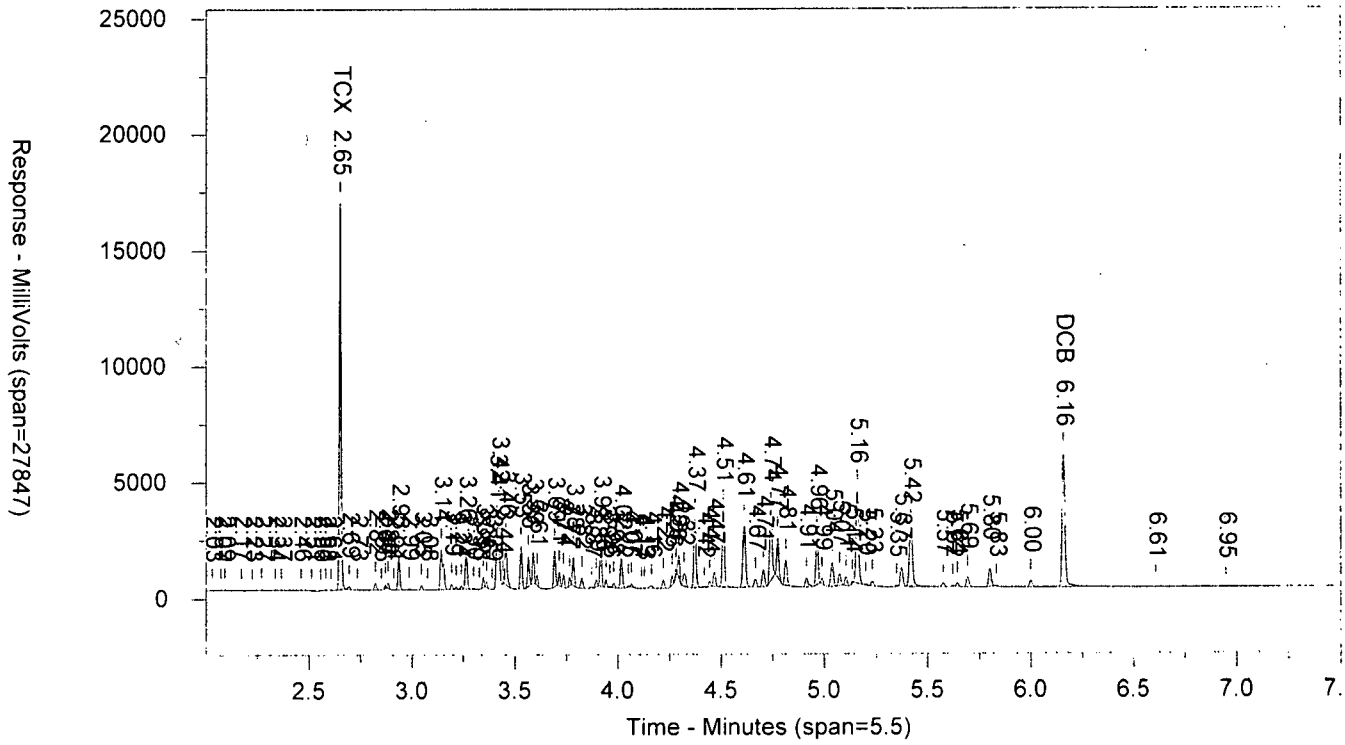
Files:
Area File: 07pcbs17250009.0027.RAW
Area File: 07pcbs17250009B.0027.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:14:08 PM
File Reported On: 9/18/2017 at 11:14:18 PM

AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0027.RAW

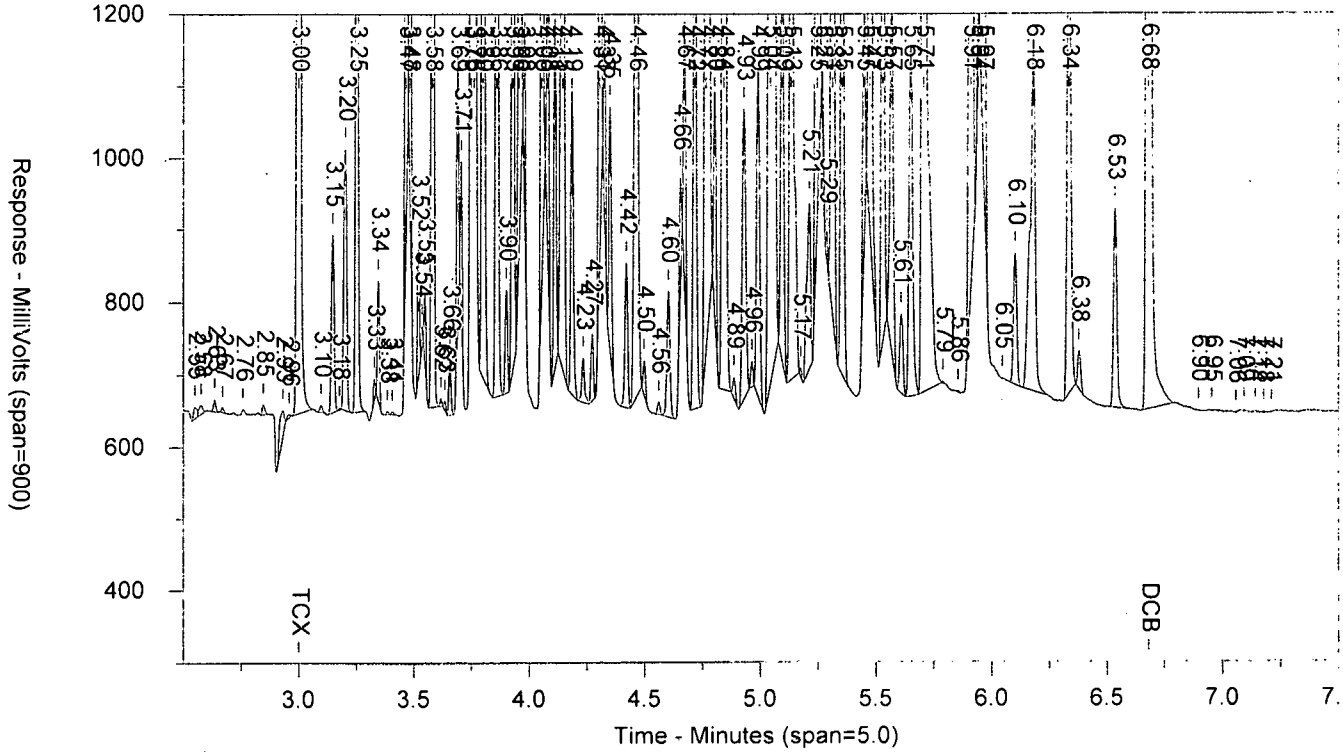


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0027.RAW

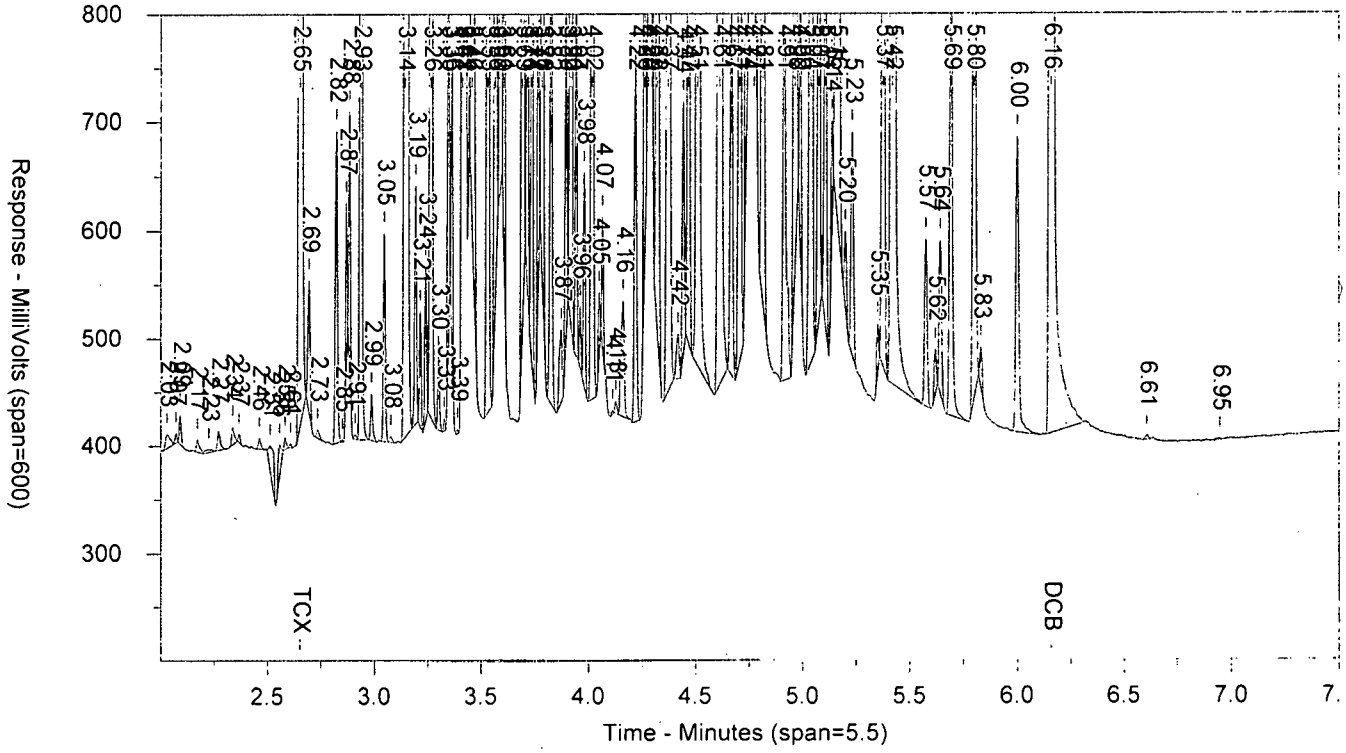


AR1641724B ANAR164AN CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0027.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0027.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:16:53 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: 07pcbs17250009.0028.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.636		5305	7282
1.774		2278	766
2.118		15747	36623
2.149		38827	116789
2.294		40453	31341
2.39		50686	42403
2.433		8146	8027
2.551		13697	16784
2.574		9108	8923
2.601		4943	5092
2.825		10810	7493
2.844		54601	47445
2.926		24259	37689
2.961		3075	4113
2.999	TCX	7832037	5023396
3.197		119707	76087
3.328		27904	25191
3.658		3691	2252
3.738		5393	4171
3.793		2370	1862
3.868		723	281
3.888		794	116
3.904		1141	405
3.913		1172	253
3.927		941	370
3.946		779	156
4		2952	4463
4.25		11926	12691
4.329		4702	4095
4.359		5331	4558
4.589		1007	746
4.686		2828	4822
4.779		1481	382
4.866		1394	496
4.968		7299	6146
5.044		2297	2788
5.206		14373	13126
5.286		1546	380
5.394		2434	2661
5.475		1457	679
5.552		1317	335
5.61		10991	10370
5.658		1710	442
5.732		36015	40260
5.76		1273	410
5.857		1739	4583
5.908		5511	8289
5.959		987	945
6.017		2047	1757
6.101		81522	77900
6.164		88974	102138
6.291		1859	799
6.313		1685	953

RT A	Compound A	Height A	Area A
6.335		2597	1266
6.42		1707	468
6.457		963	385
6.535		46172	45997
6.591		1789	1432
6.682	DCB	2556824	2713847
6.856		1547	1014
6.936		1107	455
7.12		1026	392
7.14		1404	476
7.245		1505	569
7.269		1561	622
7.291		1230	914
7.333		1717	1281
7.468		1421	550
7.611		1441	411
7.922		1954	488
8.036		1557	460
8.143		2005	935
8.343		1262	1150
8.368		1065	342
8.403		1396	615
8.441		1294	322
8.551		1699	612
8.569		2010	735

LANCASTER LABORATORIES

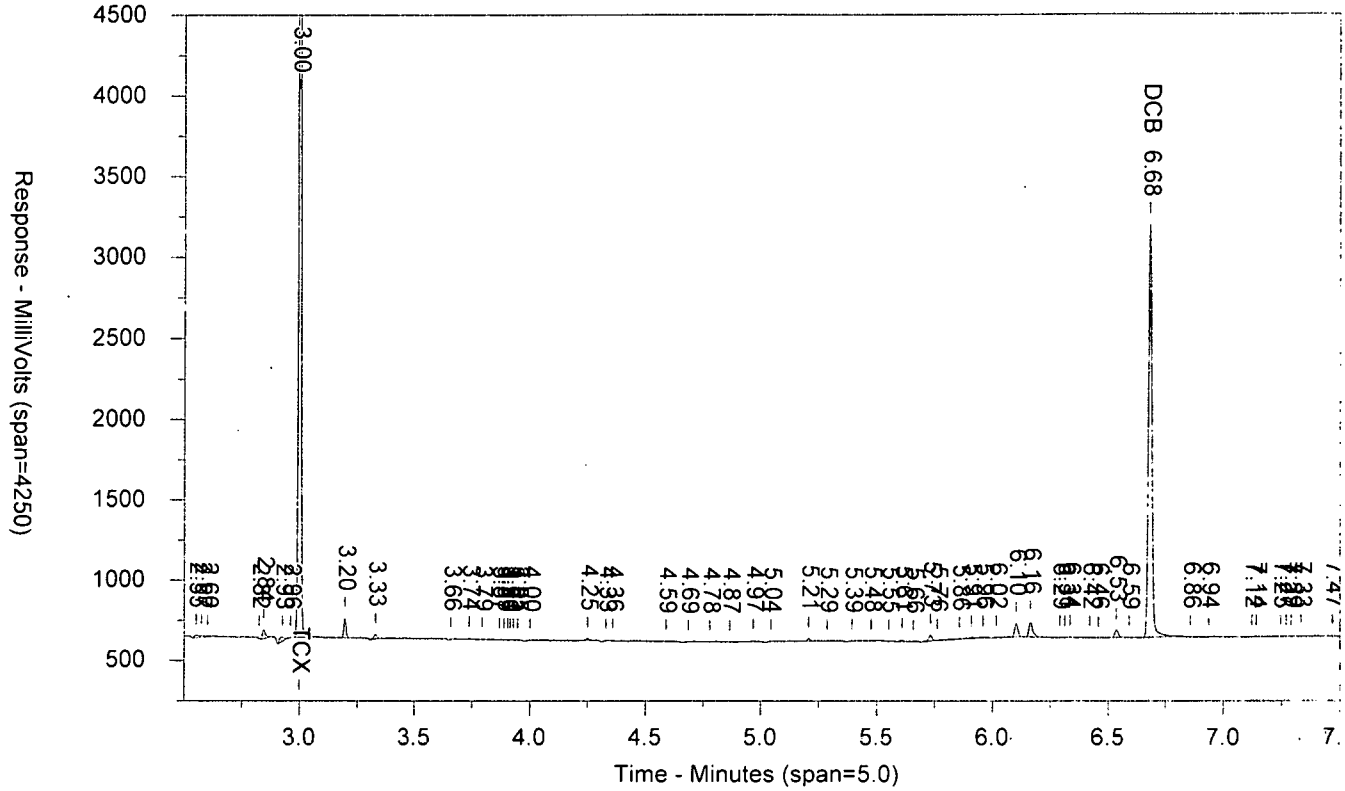
Sample Number: IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:16:53 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0028.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.654		1696	1839
1.806		1780	3497
1.959		60814	63467
2.03		21958	45037
2.091		14834	11312
2.185		2803	4065
2.242		1304	3178
2.271		9010	9199
2.349		8096	13335
2.397		2697	2092
2.461		2484	1494
2.511		11928	28854
2.557		15207	20967
2.582		78124	62655
2.626		2895	1327
2.652	TCX	8017814	4919820
2.869		111166	72317
2.908		2026	1906
2.986		21582	15810
3.021		1816	2862
3.217		2919	2133
3.328		9495	7441
3.362		6099	4317
3.418		3513	6989
3.561		1331	1161
3.597		2581	1964
3.667		1637	3660
3.76		2638	6657
3.931		1596	4765
3.979		14263	13534
4.063		11117	10130
4.117		5004	6698
4.277		2877	3937
4.444		1448	933
4.486		7300	4896
4.715		15915	11654
4.742		3106	2055
4.966		2389	1982
5.036		2672	2736
5.111		11776	9079
5.16		3400	2807
5.233		36849	30326
5.273		4726	3916
5.421		4527	5052
5.575		64714	56907
5.643		74715	65168
5.692		12188	10494
5.799		1688	1137
6		49467	48906
6.158	DCB	3066099	2883601
6.606		2319	1969
6.643		2321	3263
7.701		1557	2116
8.205		2176	3104

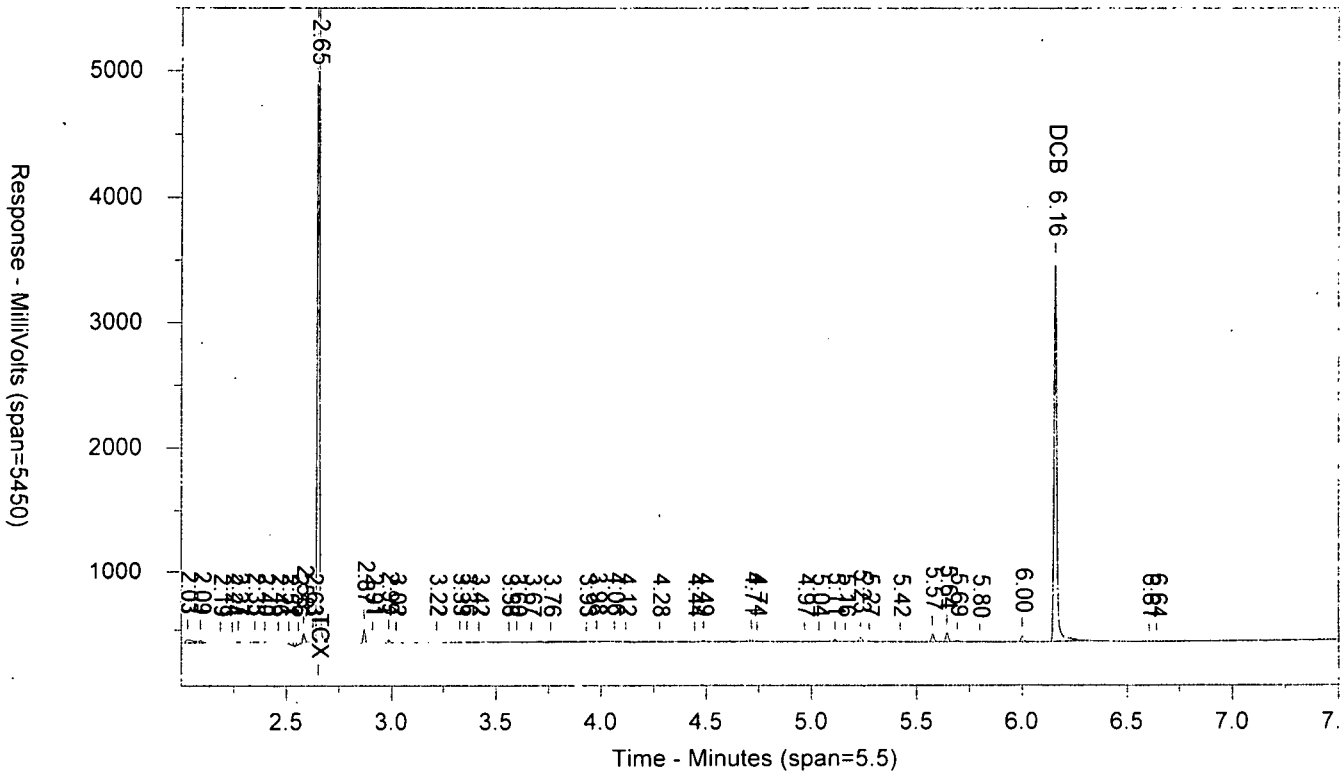
8.293	8865	18391

IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0028.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0028.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082
Injected On: 9/18/2017 11:16:53 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

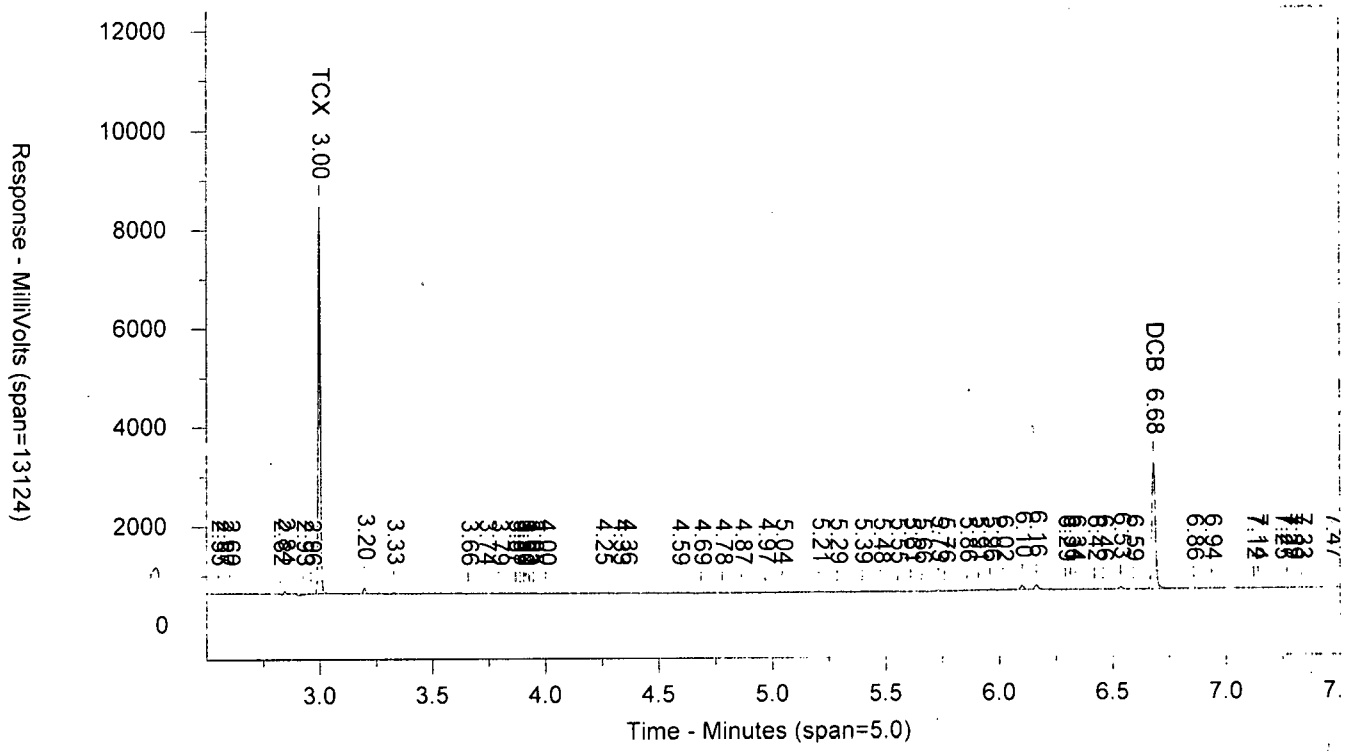
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7832037	.207	TCX	2.652	8017814	.206	TCX
6.682	2556824	.189	DCB	6.158	3066099	.192	DCB

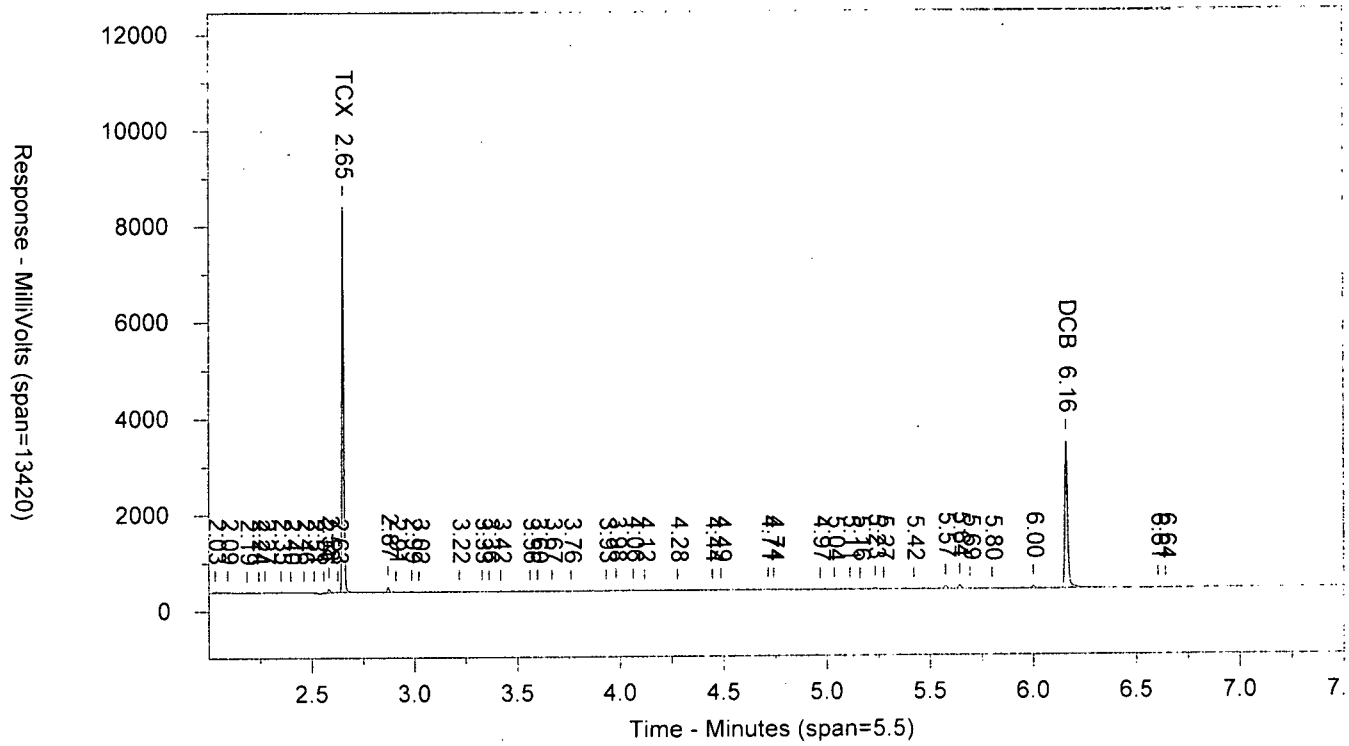
Files:
Area File: 07pcbs17250009.0028.RAW
Area File: 07pcbs17250009B.0028.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:25:34 PM
File Reported On: 9/18/2017 at 11:25:40 PM

IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0028.RAW

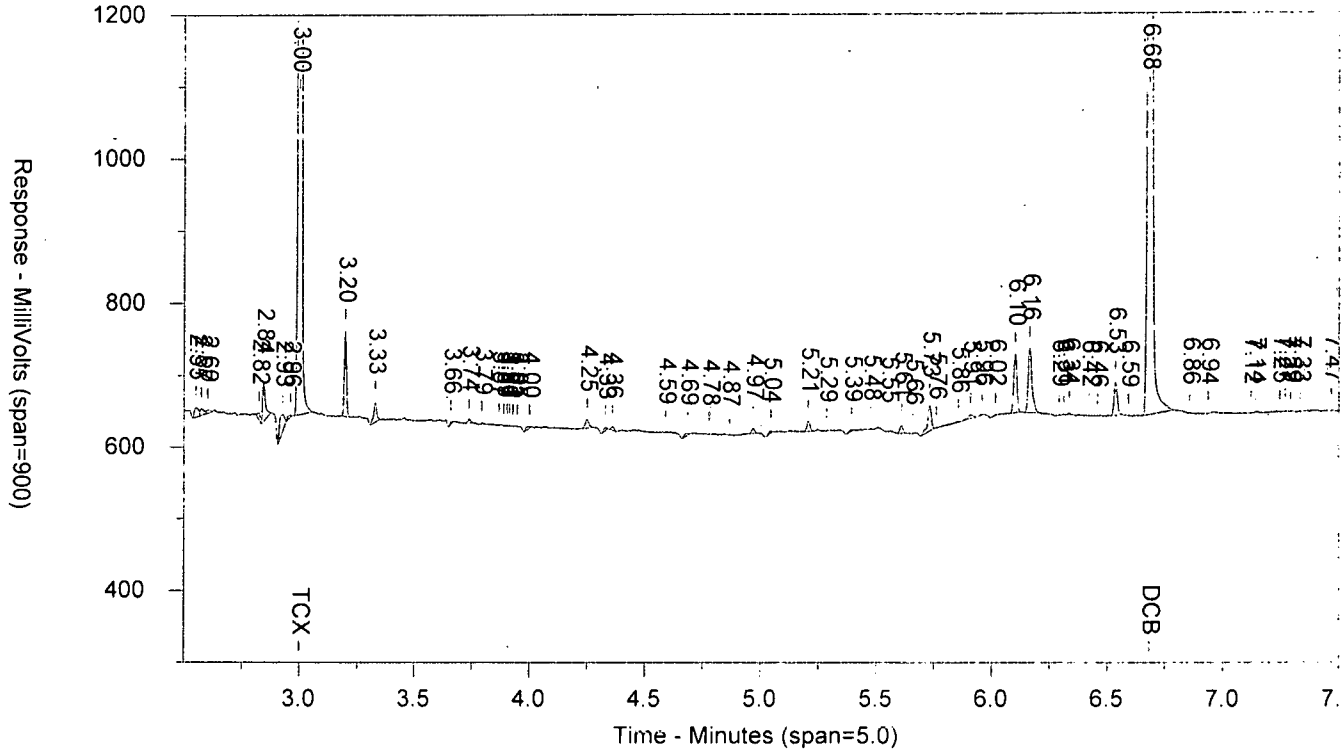


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0028.RAW

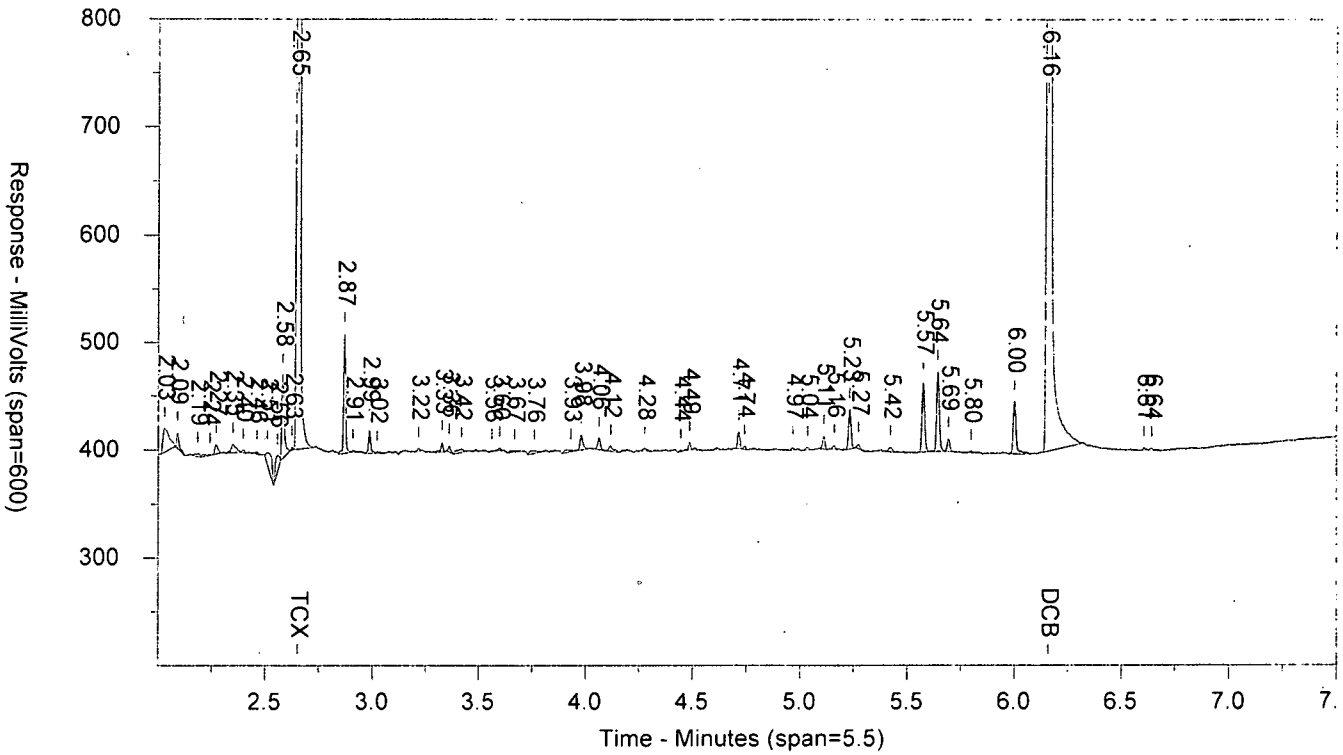


IBLKX1724B AZPIBLKAZ PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0028.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0028.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:16:34 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: 07pcbs17250009.0049.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.631		7425	6303
2.115		7025	17018
2.148		13391	18330
2.22		5183	5137
2.294		76519	52838
2.39		22027	13664
2.403		29170	18848
2.434		7637	7654
2.548		8507	6527
2.635		17038	11273
2.717		3188	2487
2.845		4857	3425
2.928		33913	56778
2.955		3650	3510
2.999	TCX	16092360	10172230
3.146		242730	210221
3.201		359710	328710
3.25		1312910	918080
3.327		27631	13545
3.344		168932	103176
3.385		4365	2071
3.465		1406929	825708
3.482		695838	378805
3.519		178896	102837
3.534		35718	12901
3.546		95277	49247
3.579		1634160	1187815
3.615		11306	5661
3.633		8244	4469
3.654		77256	50983
3.688		377339	220842
3.704		205122	104038
3.748		898548	490808
3.759		1574008	813626
3.798		1808669	1428230
3.859		1654235	1225847
3.899		140698	100635
3.927		1166813	825817
3.955		792418	660680
3.977		238900	118552
4.053		1212661	876409
4.078		451944	292658
4.11		507160	360225
4.143		1271062	1230116
4.184		399824	335845
4.232		62185	53426
4.271		93480	67481
4.306		1207996	868993
4.325		280632	150275
4.349		327438	257406
4.419		203025	172132
4.462		1262338	1218707
4.496		45443	33157

RT A	Compound A	Height A	Area A
4.559		18936	14613
4.601		183469	174888
4.653		160370	105984
4.67		349701	247689
4.715		794097	719058
4.764		1226317	1384779
4.801		302638	215702
4.84		2755924	2530370
4.883		29220	25033
4.928		408623	434457
4.962		36234	25016
4.988		442289	414207
5.041		2695807	3360460
5.092		551010	505711
5.132		1144632	1299176
5.173		14494	7267
5.211		228192	279296
5.245		2588430	2282058
5.266		95966	47362
5.286		45189	18713
5.31		1352111	1235508
5.353		824367	807459
5.447		333699	272866
5.472		1466774	1372097
5.528		906420	785264
5.566		505985	492977
5.609		108790	107842
5.65		490120	529952
5.705		3533292	3847183
5.909		2206091	2085414
5.942		33970	43265
5.965		557550	641039
6.099		191588	187271
6.179		494804	761045
6.332		781325	818646
6.378		54027	47409
6.499		1905	1081
6.534		261872	276672
6.681	DCB	5100247	5105748
6.843		1020	455
6.934		1479	616
6.964		1638	1062
7.074		1186	381
7.121		1353	346
7.353		1504	1019
7.513		1751	792
7.526		2024	647
7.659		1478	939
7.698		1391	512
7.813		1523	385
7.973		1020	398
8.056		2107	1744
8.1		2048	843
8.212		1205	701
8.251		1476	1110
8.305		1615	901
8.349		1696	1101
8.372		2257	441
8.626		1171	361

LANCASTER LABORATORIES

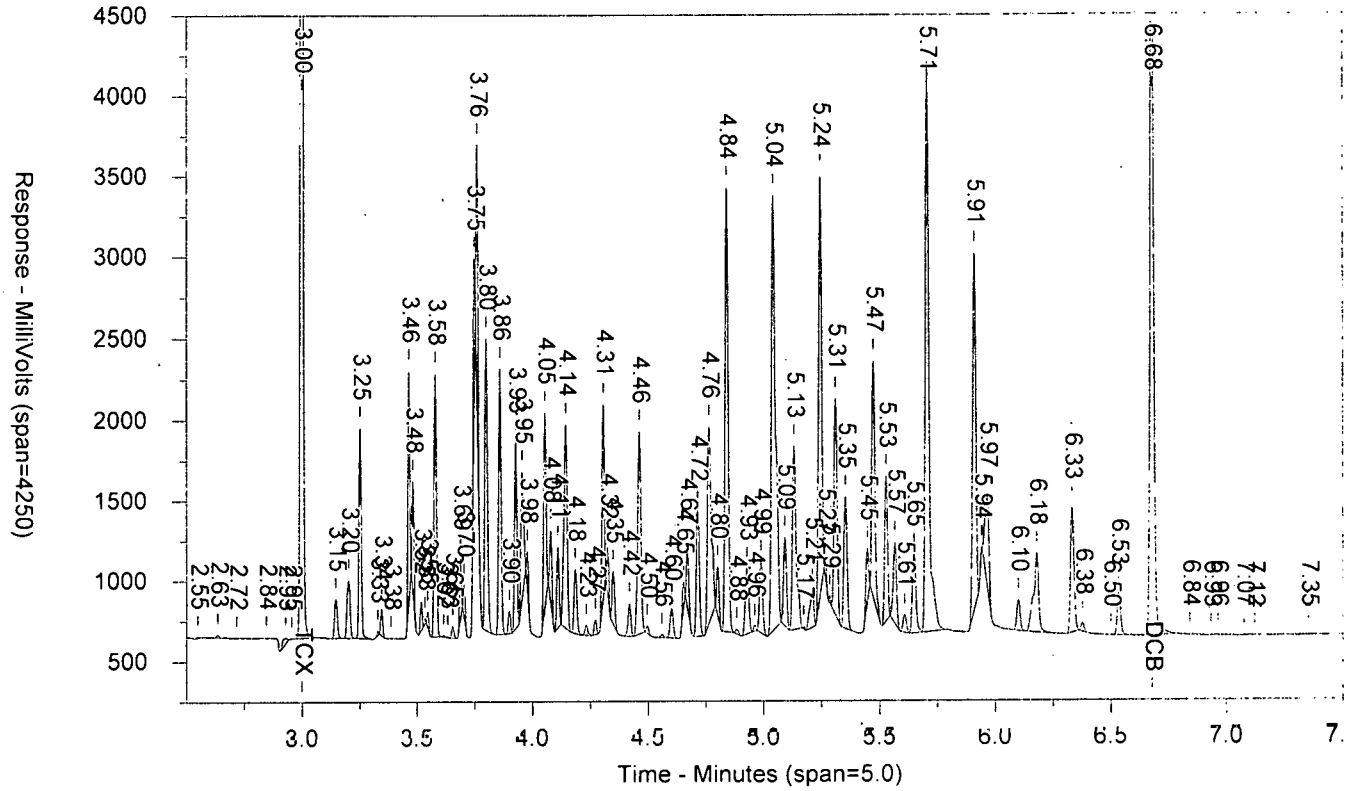
Sample Number: AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:16:34 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0049.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.546		1312	1795
1.817		4182	6221
1.867		2210	3147
1.965		79271	71467
2.031		11403	17799
2.091		28575	19007
2.223		2235	4092
2.27		9427	10902
2.336		14614	8521
2.354		3967	5093
2.509		20118	52961
2.582		19433	68612
2.607		3744	1905
2.652	TCX	16172790	9798202
2.695		120972	86066
2.822		291783	197916
2.869		144986	68321
2.883		236639	119195
2.935		1356953	861348
2.985		43098	25644
3.046		189939	121098
3.142		1764824	1714501
3.193		220806	133519
3.214		109658	61275
3.24		145931	80395
3.264		1666256	1124971
3.3		71924	42457
3.327		9204	4254
3.346		437137	231282
3.362		248390	117739
3.387		3609	1351
3.412		854600	400582
3.421		1891243	827634
3.44		75932	24943
3.455		1711180	1139017
3.529		1833585	1132341
3.563		1276270	780468
3.586		1348480	750231
3.604		429574	216889
3.689		1541700	1012188
3.712		586658	314421
3.733		530078	327070
3.764		347083	189841
3.781		1193140	744754
3.823		453527	330590
3.871		69683	64100
3.893		307165	181718
3.915		1649564	1062459
3.94		314339	189251
3.959		58031	28112
3.979		194146	125550
4.015		1318647	898239
4.049		57146	34249
4.064		115488	71514

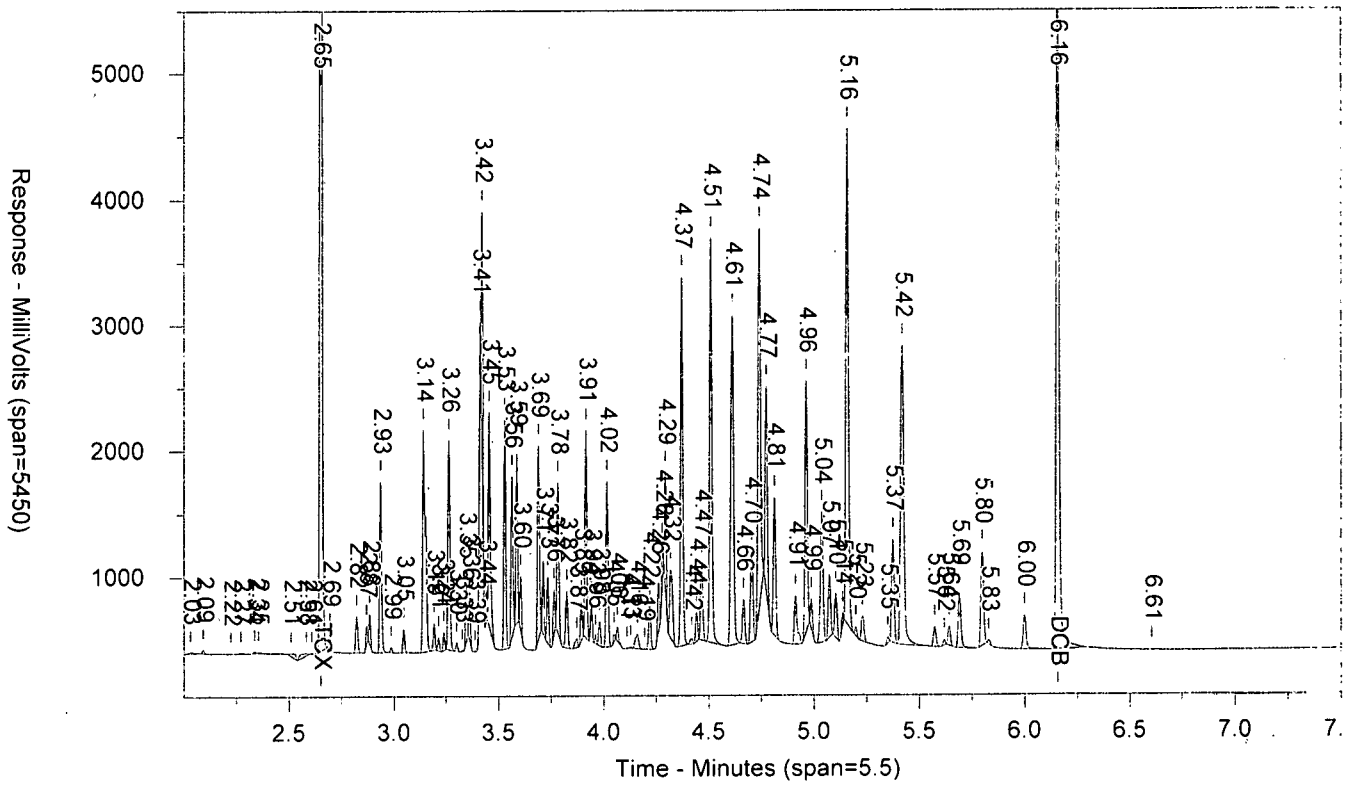
4.111		3384	1642
4.127		11062	7515
4.16		113930	128403
4.194		3823	1660
4.218		347309	250104
4.261		384973	233248
4.279		292378	148513
4.292		928689	521657
4.318		545656	540728
4.37		2944741	2170101
4.418		46169	41211
4.441		231438	154858
4.465		608491	451294
4.509		3224534	2497222
4.612		2623043	2511835
4.665		353914	280746
4.704		722835	624512
4.74		3022841	2520152
4.772		1624711	1124562
4.812		1099821	852716
4.912		388639	375054
4.963		1996382	1560294
4.987		233773	150174
5.037		1039070	923896
5.073		503212	391073
5.103		355484	294145
5.135		106342	59080
5.157		3944328	3343164
5.198		69868	48826
5.23		202830	175136
5.349		46492	29412
5.372		821546	687055
5.418		2382800	2728322
5.572		159191	137114
5.618		45720	30429
5.64		150821	119445
5.689		432802	390902
5.797		744828	679692
5.829		34609	25230
5.998		272927	263022
6.157	DCB	5690279	5465076
6.606		3695	3006
8.294		9458	17794

AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0049.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0049.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:16:34 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

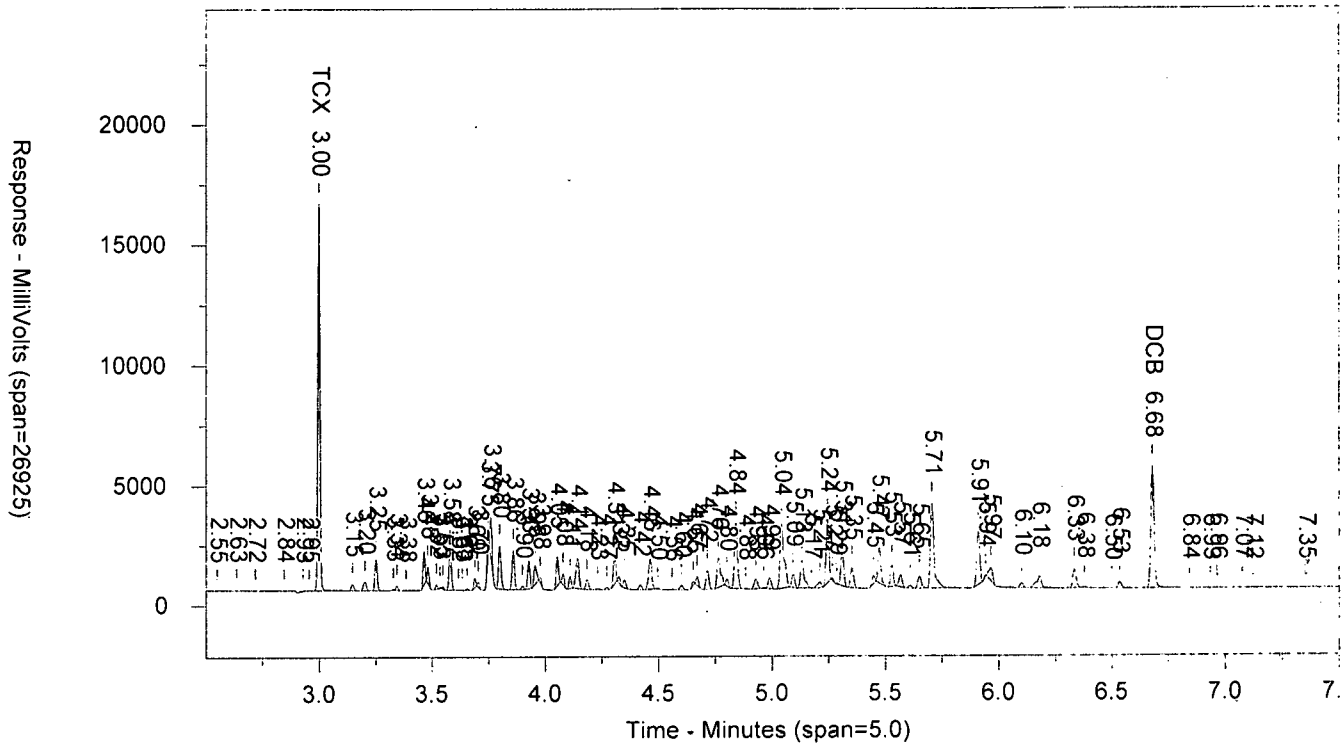
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	16092360	42.516	TCX	2.652	16172790	41.616	TCX
6.681	5100247	37.786	DCB	6.157	5690279	35.72	DCB

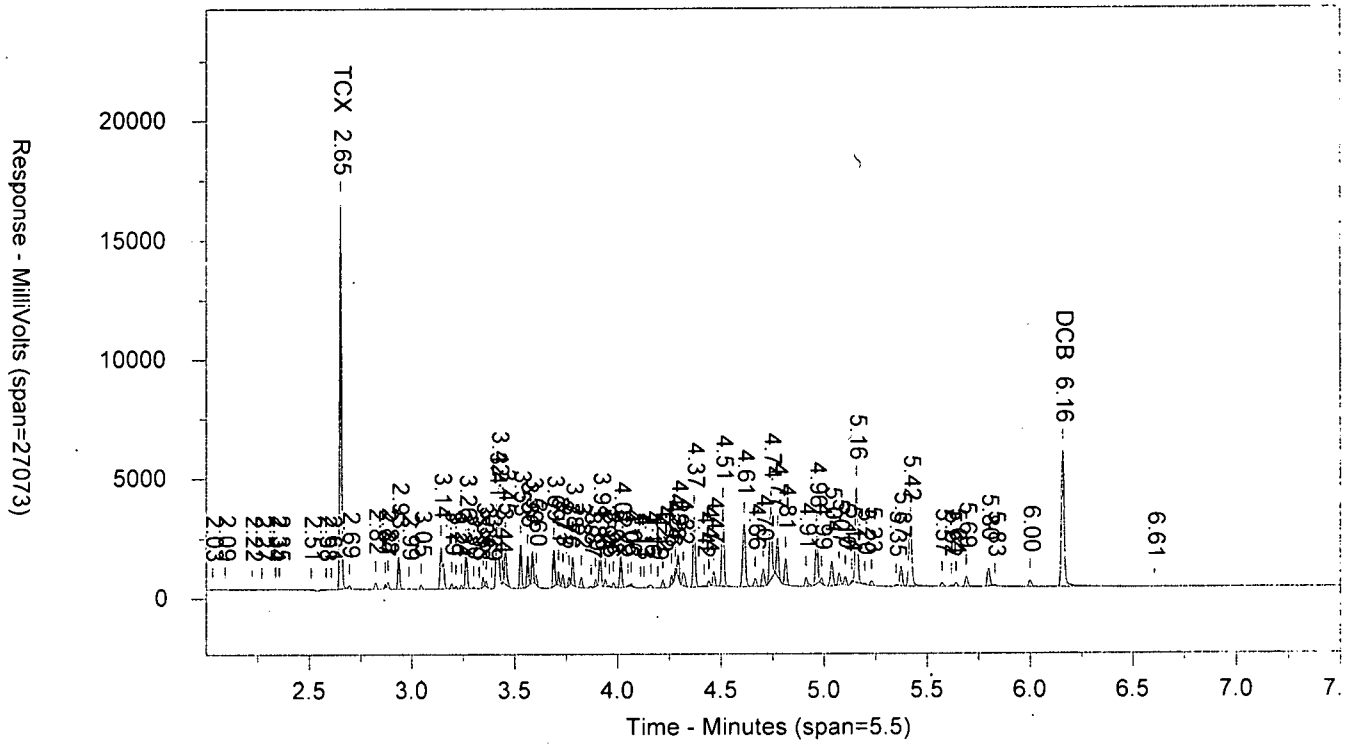
Files:
Area File: 07pcbs17250009.0049.RAW
Area File: 07pcbs17250009B.0049.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 3:25:18 AM
File Reported On: 9/19/2017 at 3:25:24 AM

AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 808

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0049.RAW

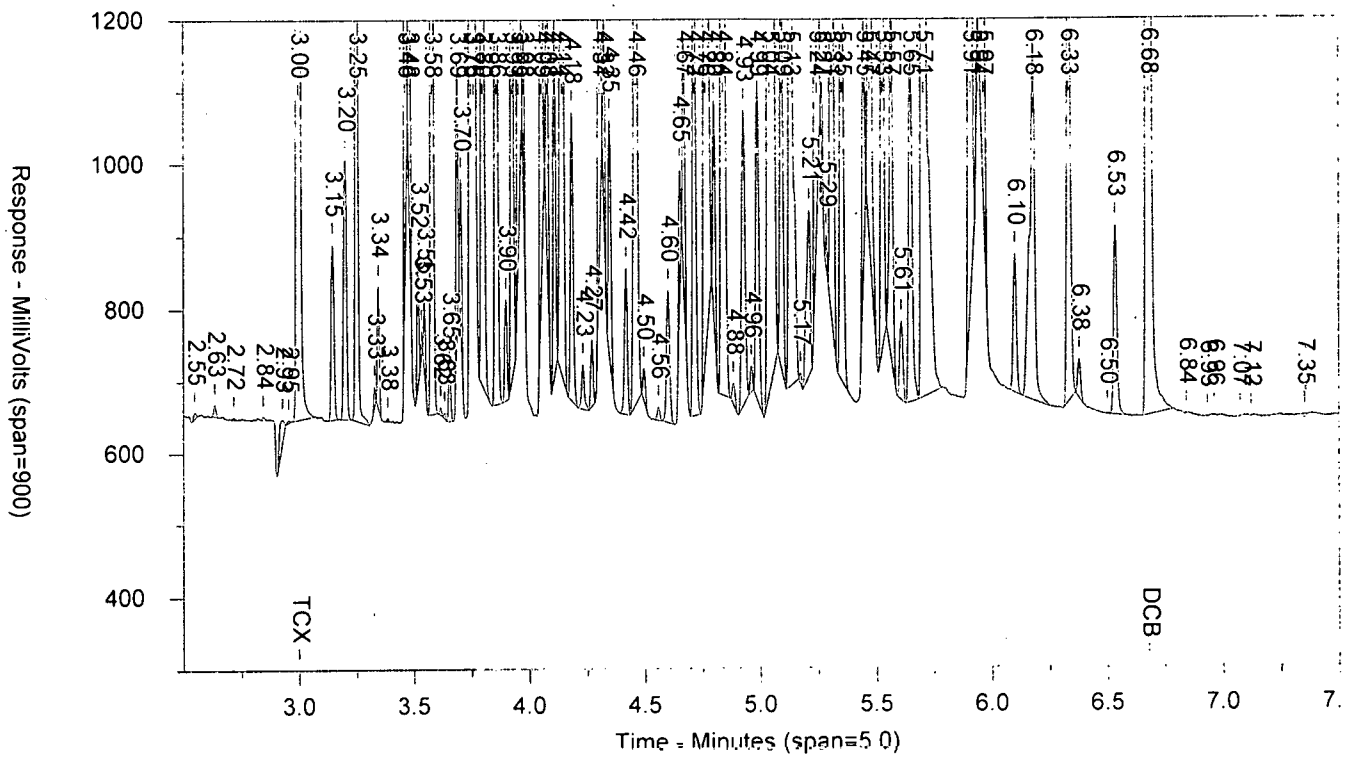


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0049.RAW

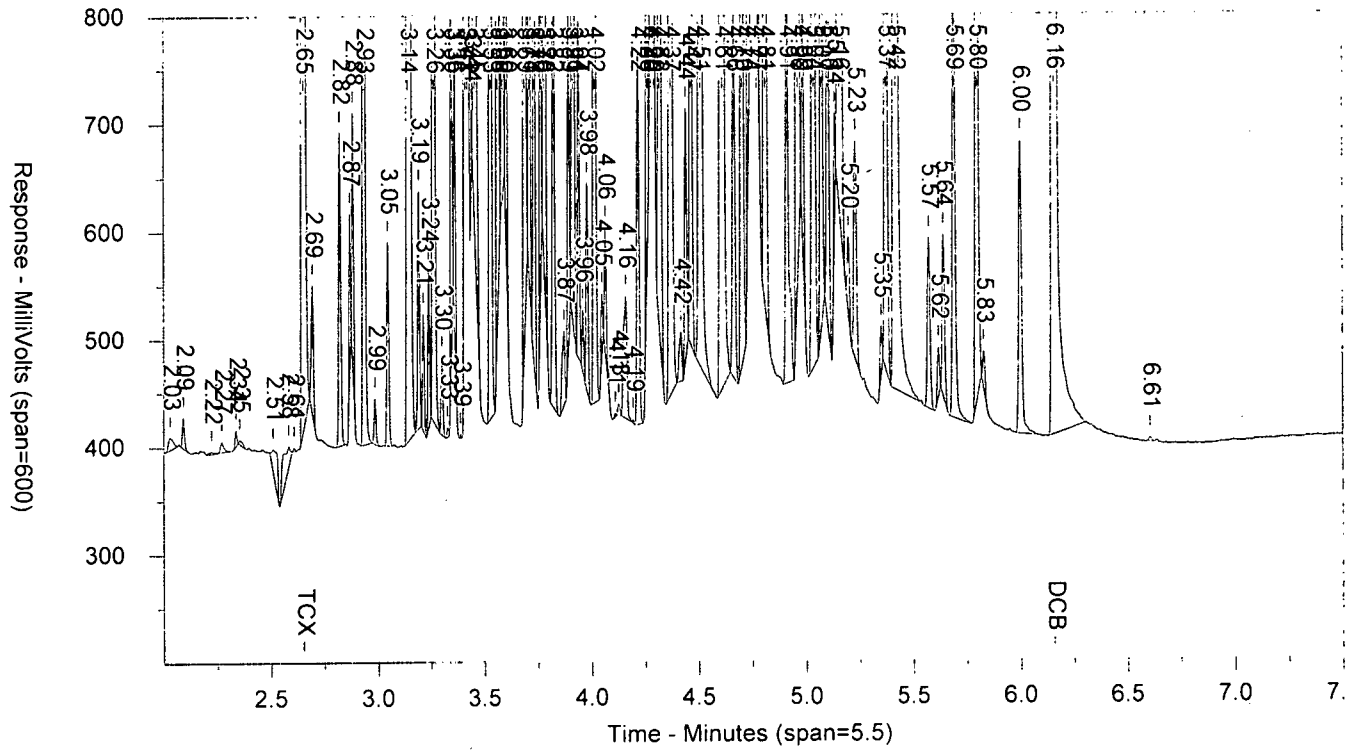


AR1641724B AOAR164AO CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0049.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0049.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:28:02 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: 07pcbs17250009.0050.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.668		11621	61830
2.032		4442	6815
2.111		25047	59322
2.149		25379	41457
2.295		38747	31582
2.39		38152	21567
2.434		7268	7647
2.55		10810	8119
2.605		2895	2047
2.775		3113	1878
2.845		39061	29430
2.929		27093	41460
2.97		4324	14268
2.999	TCX	7755734	4932582
3.164		1853	621
3.197		118781	75735
3.328		29796	28012
3.455		3936	3615
3.513		1678	968
3.546		2321	1068
3.661		9197	8730
3.738		8097	5936
3.797		2976	2338
3.81		2259	349
3.843		1667	487
3.859		1683	476
3.876		1015	613
3.899		1109	449
3.923		1122	285
3.955		6942	8190
3.997		10360	14357
4.102		859	283
4.186		1838	565
4.249		12638	12504
4.329		11639	12484
4.36		6573	6478
4.397		2244	2119
4.595		1384	731
4.682		8085	11419
4.882		1307	383
4.966		7509	7031
5.045		4543	6932
5.123		1141	523
5.206		15708	13399
5.393		4987	6447
5.476		2057	1236
5.508		2153	3272
5.609		11739	11630
5.731		42912	52038
5.771		1193	297
5.823		1348	1277
5.852		1349	1238
5.908		3092	2194

RT A	Compound A	Height A	Area A
5.959		2799	1645
6.022		2955	3714
6.1		86578	82641
6.164		93613	105904
6.297		2151	1086
6.333		2906	2422
6.373		1411	394
6.389		1571	838
6.534		40941	44171
6.645		1223	369
6.68	DCB	2520743	2662086
6.906		1284	378
6.95		1654	1770
7.072		1447	998
7.121		1375	496
7.139		1215	422
7.159		2065	695
7.251		1686	627
7.34		1287	303
7.554		1443	716
7.574		1571	289
7.659		1627	637
7.681		1108	282
7.75		1987	438
7.76		1454	473
7.784		1460	1428
7.8		1291	441
7.892		1521	525
8.192		1352	501
8.229		1353	435
8.272		1089	347
8.308		1821	885
8.374		2155	1652
8.459		1495	585
8.601		1326	478
8.623		1180	353

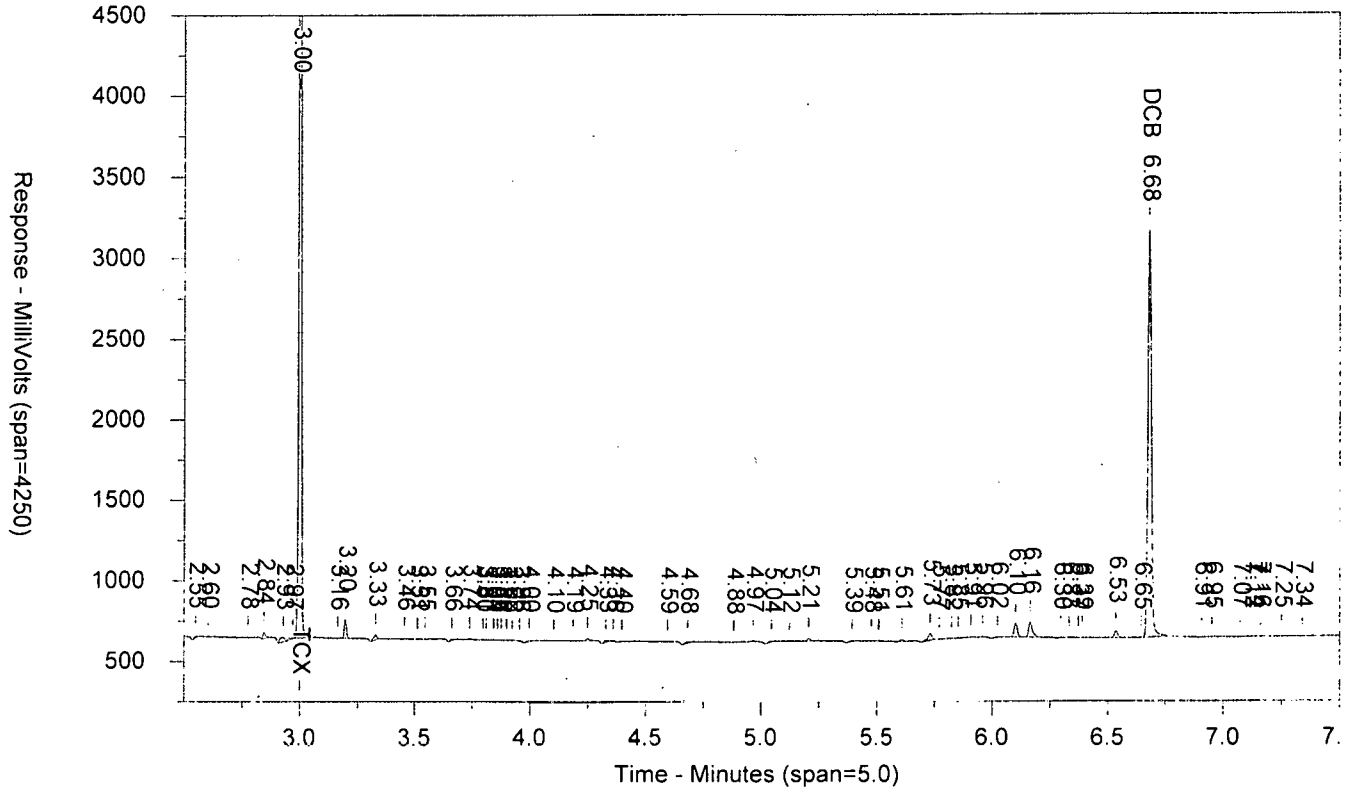
LANCASTER LABORATORIES

Sample Number: IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:28:02 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: 07pcbs17250009B.0050.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

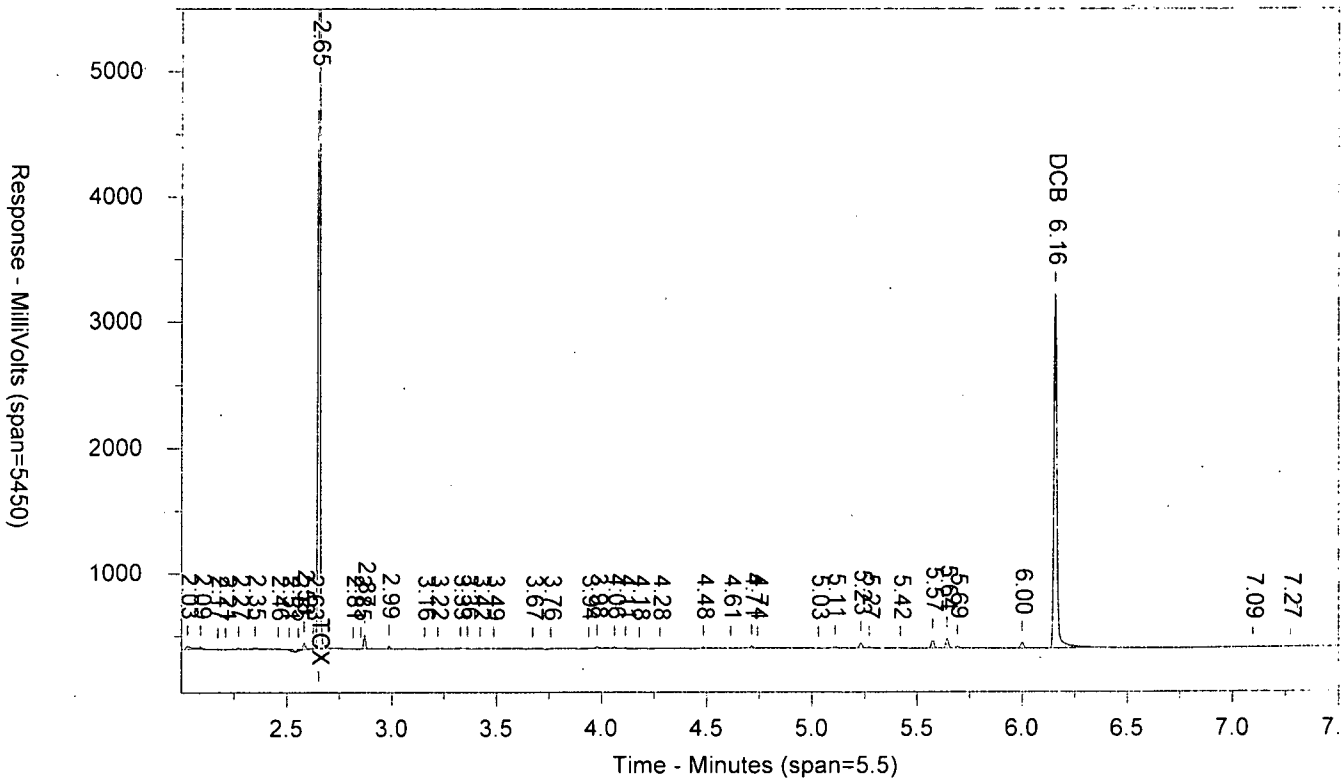
RT B	Compound B	Height B	Area A
1.59		2236	1943
1.652		1654	1884
1.76		8600	11846
1.83		6354	19286
1.848		3252	2080
1.959		55685	61806
2.029		18442	37238
2.091		14660	10928
2.173		3752	5999
2.21		3452	3684
2.271		9645	10554
2.348		10094	23082
2.459		4046	5662
2.51		9837	23128
2.555		14659	17842
2.582		53990	42130
2.626		3959	2239
2.652	TCX	8118788	4929916
2.814		4304	6372
2.851		2411	1634
2.869		112432	67300
2.986		21289	14205
3.158		3763	8912
3.22		3783	2976
3.328		9474	7762
3.362		9059	6757
3.422		3997	9891
3.487		2534	1772
3.672		1823	4170
3.757		4024	9331
3.938		2292	9100
3.978		13828	12900
4.063		10987	10267
4.113		5761	8697
4.179		1931	2359
4.277		2133	6104
4.485		8375	10041
4.613		2038	2375
4.714		16841	12727
4.742		2107	1618
5.031		3371	4719
5.11		11368	8963
5.232		39736	33119
5.271		4764	4074
5.42		2887	3595
5.574		65069	58496
5.642		77661	67283
5.691		13111	12656
5.999		46410	47798
6.158	DCB	2833106	2866149
7.095		1665	1393
7.274		1549	7295
7.694		1735	3166
8.29		8867	17492

IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0050.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0050.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 3:28:02 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

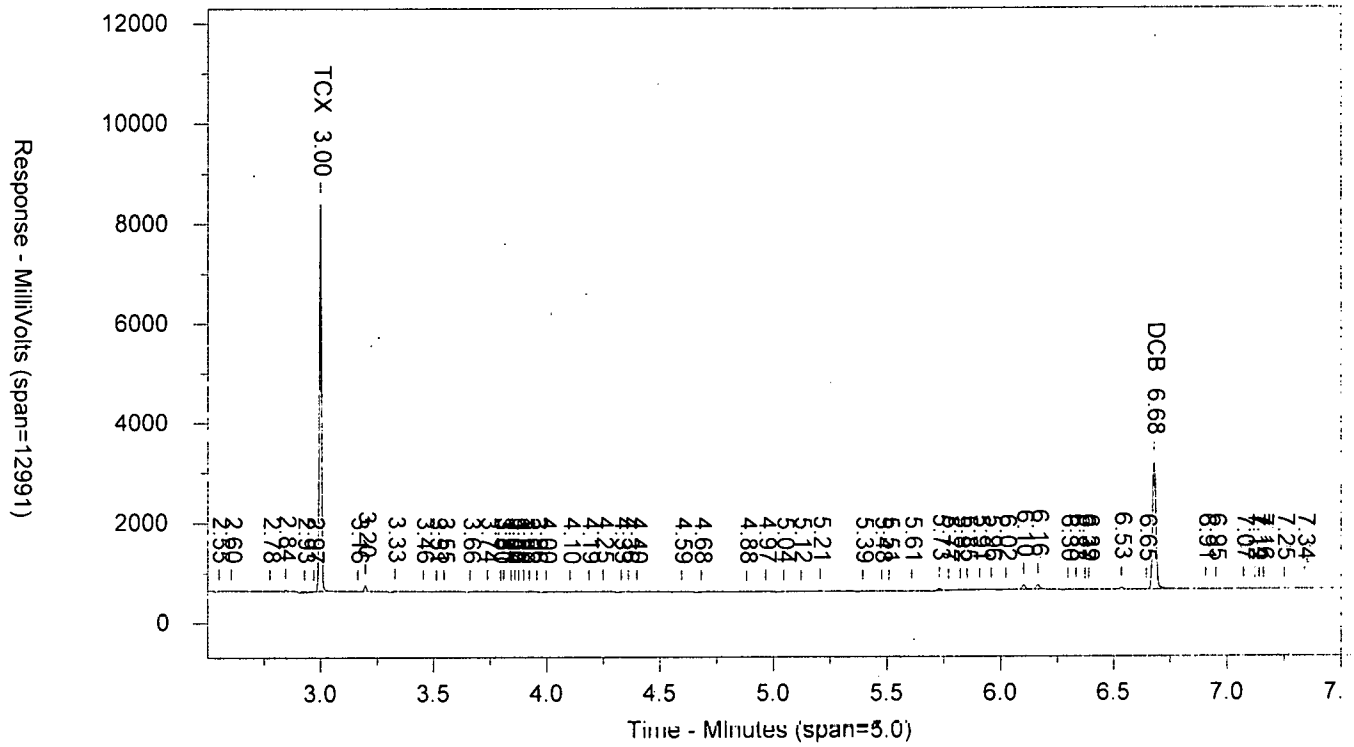
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7755734	.205	TCX	2.652	8118788	.209	TCX
6.68	2520743	.187	DCB	6.158	2833106	.178	DCB

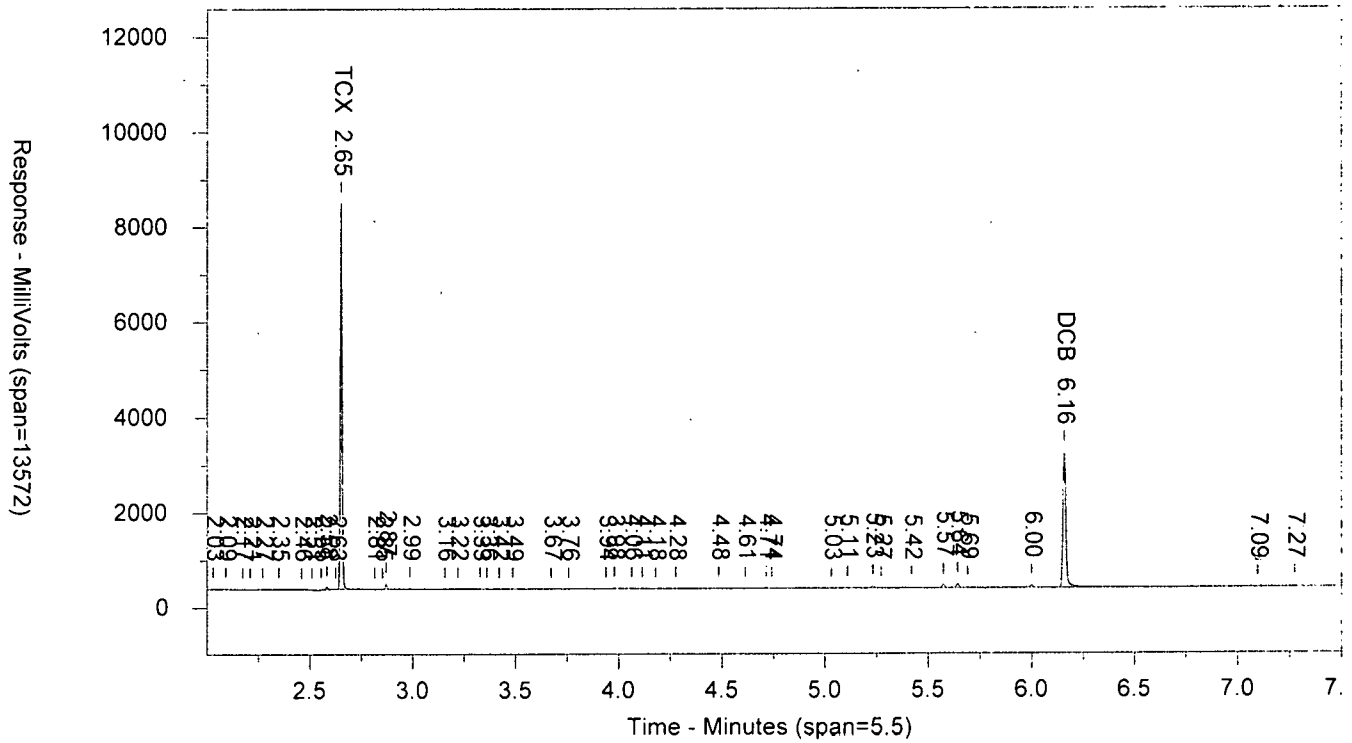
Files:
Area File: 07pcbs17250009.0050.RAW
Area File: 07pcbs17250009B.0050.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 3:36:45 AM
File Reported On: 9/19/2017 at 3:37:02 AM

IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0050.RAW

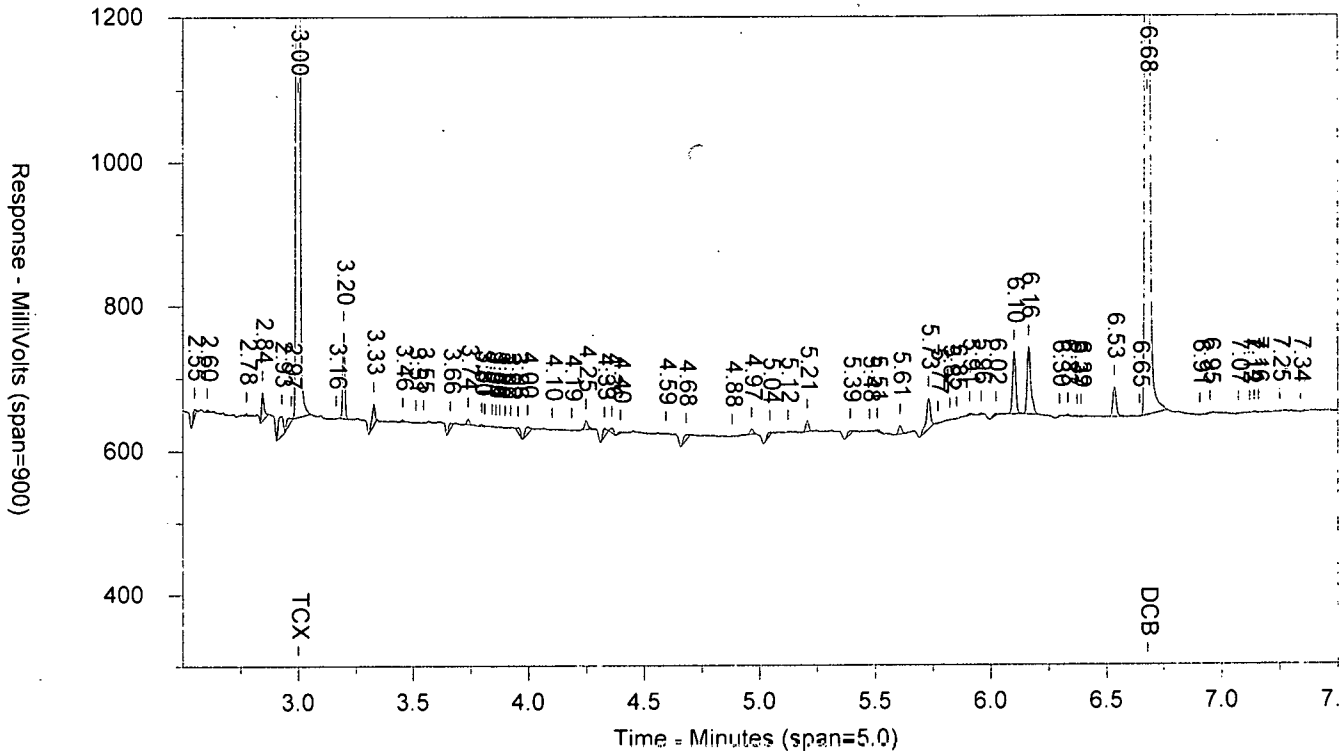


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0050.RAW

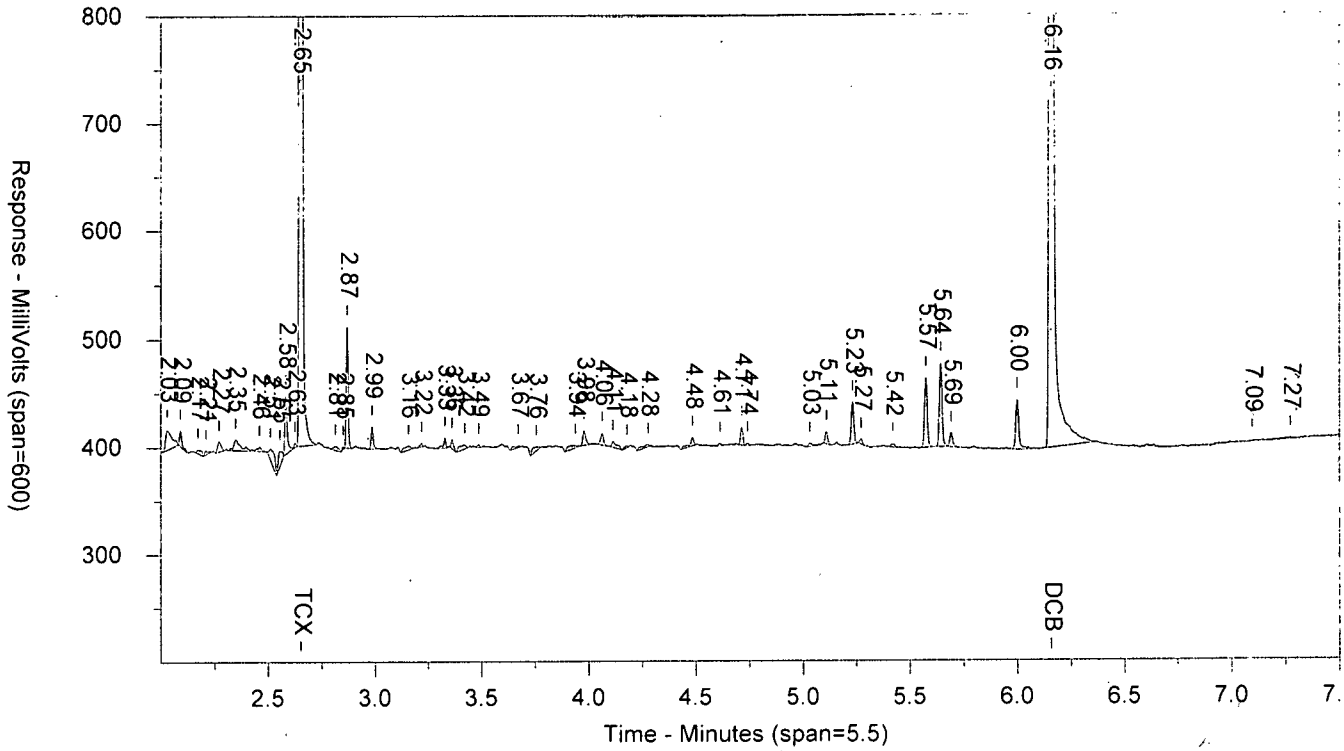


IBLKX1724B BAPIBLKBA PIBLK1726099999 10736 SW-846 8082

---- \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0050.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0050.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B APAR164AP CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 5:56:37 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: 07pcbs17250009.0063.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.67		3083	20123
1.853		3557	1688
1.924		1977	1773
1.964		3644	2681
2.106		8944	14317
2.145		12346	13744
2.294		76864	54022
2.39		24024	17316
2.403		30303	19417
2.432		6518	6170
2.551		11532	12336
2.573		9210	8119
2.634		17560	12856
2.666		4059	3337
2.845		9099	6502
2.931		33349	62580
2.955		3093	2352
2.998	TCX	15734210	9975205
3.096		6883	6098
3.146		243807	209885
3.2		352910	324415
3.25		1320675	898486
3.326		29203	15457
3.343		169595	102910
3.384		4493	2747
3.464		1394966	808914
3.481		703601	369691
3.518		175724	100787
3.534		32594	12537
3.545		92261	48506
3.578		1636668	1182806
3.615		10987	5940
3.632		8368	4561
3.654		76089	50788
3.688		401025	222702
3.702		208389	104522
3.747		980667	500681
3.759		1615362	835651
3.797		1862066	1432767
3.857		1674781	1229304
3.898		140074	99727
3.926		1145174	827657
3.954		771376	667737
3.976		218109	112935
4.025		2073	672
4.053		1264139	878579
4.077		461900	299158
4.109		498026	361179
4.142		1243802	1237862
4.183		420654	336208
4.229		61666	53358
4.27		95370	68206
4.304		1213122	878630

RT A	Compound A	Height A	Area A
4.323		274006	151431
4.348		334950	259810
4.418		199276	172857
4.461		1292046	1225871
4.496		53079	35056
4.558		19013	14745
4.6		193272	180955
4.653		151427	103167
4.669		352735	244786
4.714		800756	721823
4.762		1288304	1392185
4.8		305358	215613
4.84		2964533	2538817
4.883		30121	26869
4.927		409057	435020
4.962		40452	26546
4.987		445528	414721
5.04		2602633	3363704
5.092		557349	503652
5.131		1161165	1296409
5.174		13067	6602
5.21		246038	282146
5.244		2464231	2293476
5.266		89076	43653
5.285		36849	17096
5.31		1413470	1257115
5.352		860685	821968
5.446		336716	270866
5.471		1541212	1372567
5.528		921353	800204
5.566		502300	493139
5.608		104945	109274
5.649		500150	537850
5.706		3627690	3896971
5.853		2748	1692
5.909		2208802	2128850
5.94		110412	69580
5.964		553967	652278
6.098		202349	191388
6.178		490341	787006
6.26		2537	1170
6.332		806482	819407
6.376		51638	46284
6.502		1334	417
6.532		268248	273707
6.627		2001	1079
6.678	DCB	4892874	5012123
6.829		2271	1262
6.907		1995	632
6.934		1945	995
7.094		2161	612
7.161		1651	309
7.274		1731	681
7.298		1615	616
7.375		1394	1934
7.385		1400	390
7.483		1272	407
7.687		1217	871
7.704		1696	467
7.732		1912	954
7.785		1618	1442
7.83		1758	678
7.853		1340	472
7.976		1172	581
8.027		1324	511
8.241		1766	503

RT A	Compound A	Height A	Area A
8.387		2067	894
8.488		1336	790
8.553		1772	508

LANCASTER LABORATORIES

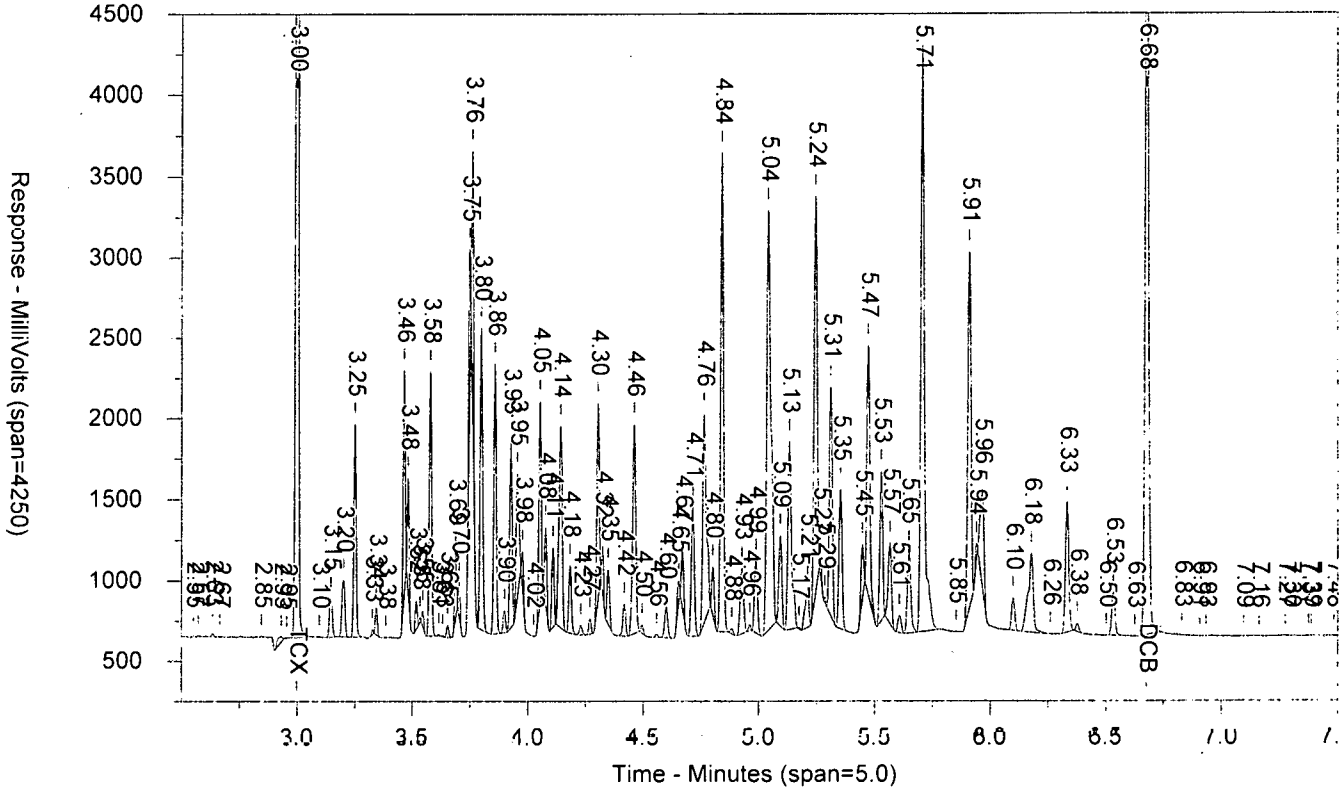
Sample Number: AR1641724B APAR164AP CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 5:56:37 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0063.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.552		4093	2948
1.655		5855	5553
1.76		5680	4159
1.829		2955	5992
1.864		5820	3795
1.966		81339	74665
2.029		11881	20579
2.072		6672	4651
2.091		28080	18643
2.171		7430	7865
2.225		1957	2970
2.27		14371	15489
2.337		15417	9664
2.364		9438	9921
2.46		6097	4922
2.558		26047	30857
2.581		6557	4613
2.607		3670	2067
2.652	TCX	16440620	9870962
2.695		120913	87497
2.736		6147	5456
2.822		305579	202695
2.869		146860	70914
2.883		241136	120386
2.909		3318	1845
2.935		1366454	865167
2.985		43541	27791
3.046		195399	121677
3.075		4147	3318
3.142		1738372	1728131
3.193		218101	134482
3.215		109307	61687
3.24		145364	82031
3.264		1721572	1129084
3.3		71013	42955
3.327		10663	4534
3.346		431809	232174
3.362		246866	117143
3.388		4511	2073
3.412		838740	402668
3.421		1937654	810493
3.441		72182	25429
3.455		1654066	1146514
3.528		1850165	1137511
3.563		1257482	791508
3.587		1376498	757564
3.604		425500	211980
3.689		1512228	1021349
3.712		593912	320135
3.734		541053	329857
3.764		353781	192182
3.782		1243845	745596
3.824		454024	331348
3.871		70689	64494

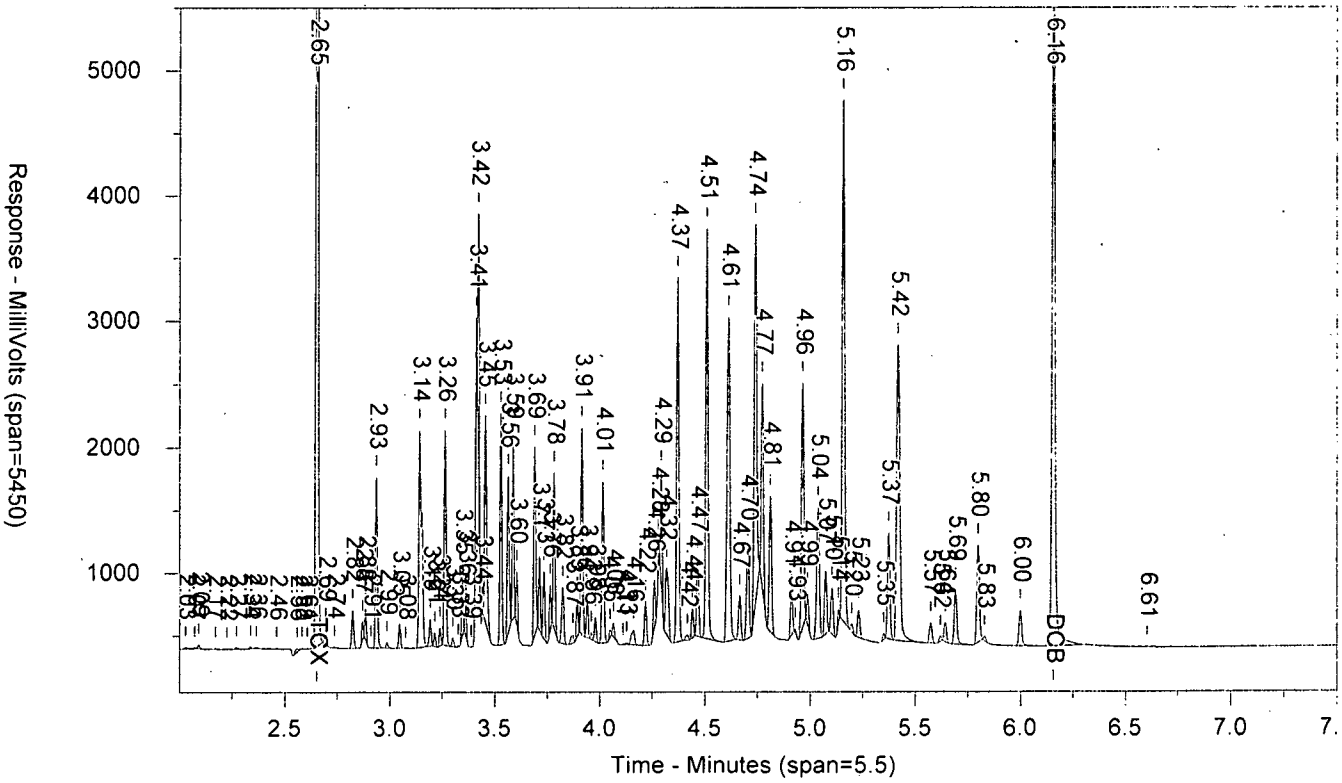
3.893		301871	182456
3.915		1653357	1067856
3.94		323362	189228
3.96		56337	27579
3.979		196620	124190
4.015		1292764	899172
4.05		57961	34246
4.065		111626	67196
4.11		3969	2063
4.127		11556	7661
4.16		117389	132382
4.218		354159	249196
4.261		379658	237977
4.279		253000	121646
4.292		910260	520295
4.318		529955	541066
4.371		2902533	2170443
4.417		43544	41145
4.441		232435	156057
4.466		613383	452294
4.508		3269221	2506842
4.612		2579912	2516280
4.666		357155	281908
4.704		721668	628152
4.741		3017975	2530277
4.773		1639830	1142951
4.812		1085829	853153
4.912		326521	248147
4.929		29695	14909
4.964		1950374	1572545
4.987		239605	151635
5.038		1048115	928702
5.073		503117	396913
5.104		367987	299674
5.135		114025	63543
5.157		4162593	3387647
5.198		62027	45264
5.231		221084	176294
5.349		46974	30095
5.373		846971	688364
5.417		2355430	2702416
5.573		162940	140080
5.619		41853	28877
5.642		151933	122766
5.691		442336	392431
5.798		777656	684765
5.829		38008	26558
5.998		285479	267197
6.157	DCB	5772894	5451013
6.605		3379	3150
8.006		1537	2439
8.135		1651	2861
8.29		8504	17598

AR1641724B APAR164AP CCAL 1726099999 10736 SW-846 808

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0063.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0063.RAW



LANCASTER LABORATORIES

Sample Number: AR1641724B APAR164AP . CCAL 1726099999 10736 SW-846 8082
Injected On: 9/19/2017 5:56:37 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

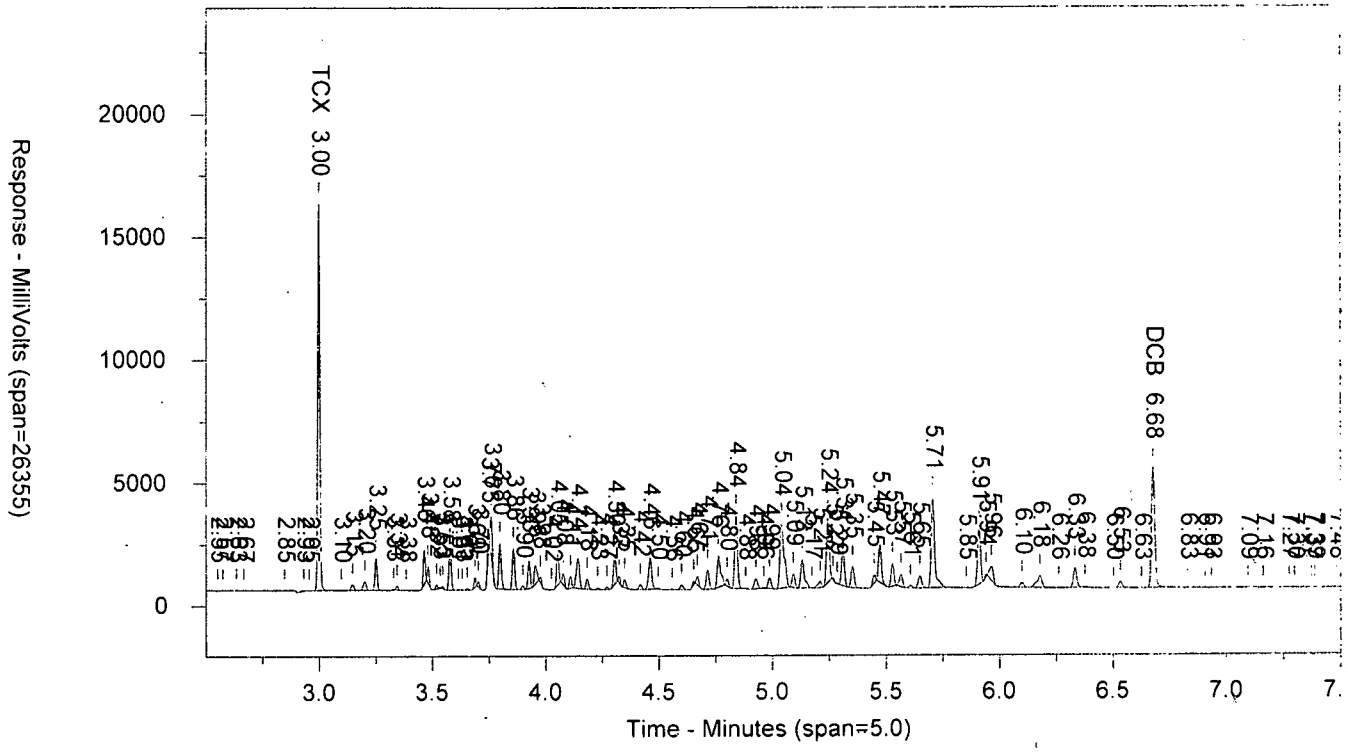
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.998	15734210	41.57	TCX	2.652	16440620	42.305	TCX
6.678	4892874	36.249	DCB	6.157	5772894	36.238	DCB

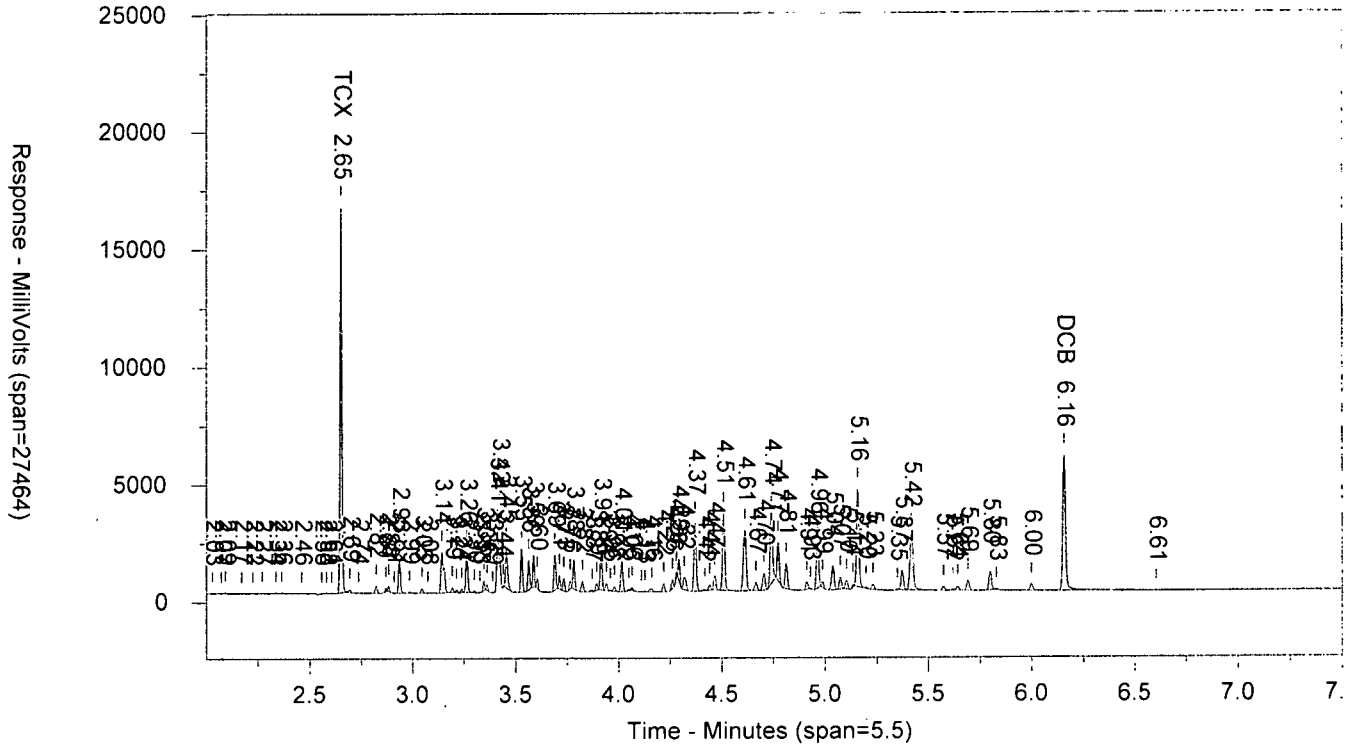
Files:
Area File: 07pcbs17250009.0063.RAW
Area File: 07pcbs17250009B.0063.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 6:05:18 AM
File Reported On: 9/19/2017 at 6:05:26 AM

AR1641724B APAR164AP CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0063.RAW

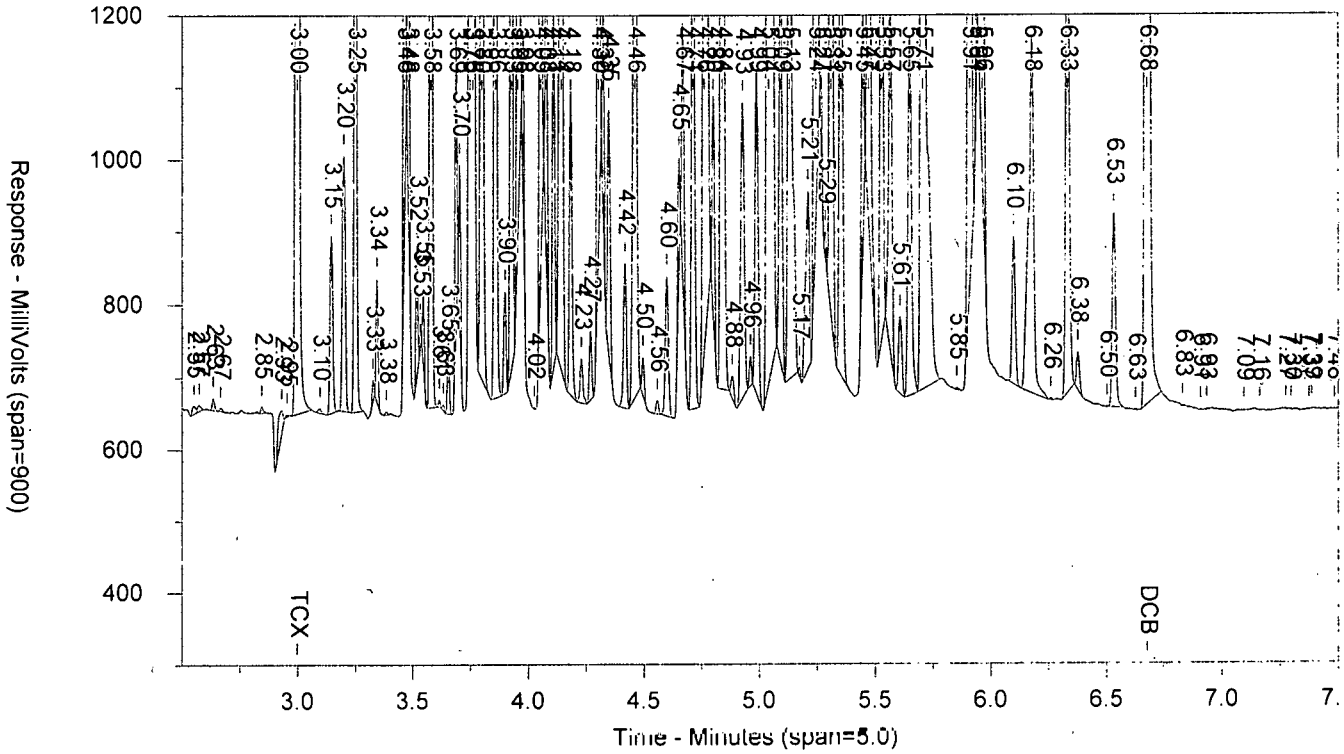


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0063.RAW

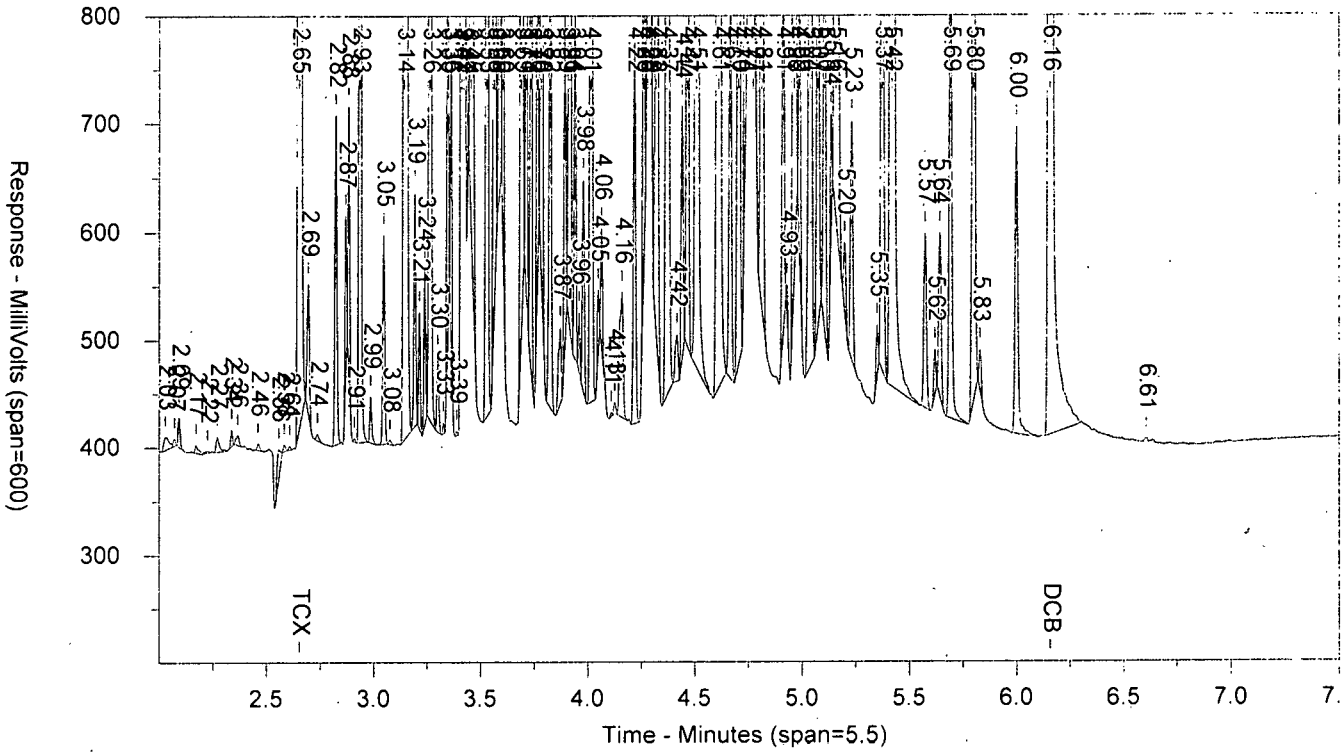


AR1641724B APAR164AP CCAL 1726099999 10736 SW-846 808

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0063.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0063.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 6:08:01 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: 07pcbs17250009.0064.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.634		8550	8958
2.039		2970	6438
2.109		16809	31334
2.148		31823	75076
2.294		36770	26111
2.391		33249	22566
2.435		6180	5761
2.55		11312	10578
2.754		1929	1742
2.82		7092	7159
2.844		50199	41890
2.929		21694	36935
2.954		6413	5014
2.999	TCX	7833422	5009757
3.196		118237	74264
3.327		32348	31694
3.658		4292	3371
3.736		5463	3677
3.792		2881	2371
3.843		1218	274
3.857		622	168
3.884		1111	185
3.892		996	302
3.912		865	124
3.925		943	727
3.987		2398	1342
4.108		1733	776
4.247		12494	12240
4.327		7444	8047
4.355		6017	6807
4.392		1772	1207
4.452		2541	2508
4.685		3492	7162
4.769		1453	524
4.795		1383	478
4.889		1663	1926
4.93		2145	2001
4.963		8228	8117
5.044		3330	5736
5.206		15862	14742
5.392		3228	4877
5.418		1616	670
5.605		11306	10683
5.73		43417	49779
5.795		1308	730
5.817		1942	1172
5.856		975	1049
5.91		5662	7833
5.958		2644	1872
6.01		1981	1141
6.044		1101	332
6.099		85975	83364
6.161		100791	111574

RT A	Compound A	Height A	Area A
6.38		1733	951
6.507		1621	548
6.532		43487	44025
6.679	DCB	2299187	2550782
6.872		1772	321
6.897		2137	931
7.08		962	200
7.128		1819	571
7.15		1140	325
7.16		1351	636
7.275		1466	556
7.305		1157	728
7.528		1843	1374
7.546		1296	893
7.566		1553	835
7.68		1534	408
7.887		1719	709
7.949		1408	562
8.036		1334	794
8.08		1922	741
8.232		1693	1327
8.251		1346	640
8.511		1920	327
8.631		1321	732

LANCASTER LABORATORIES

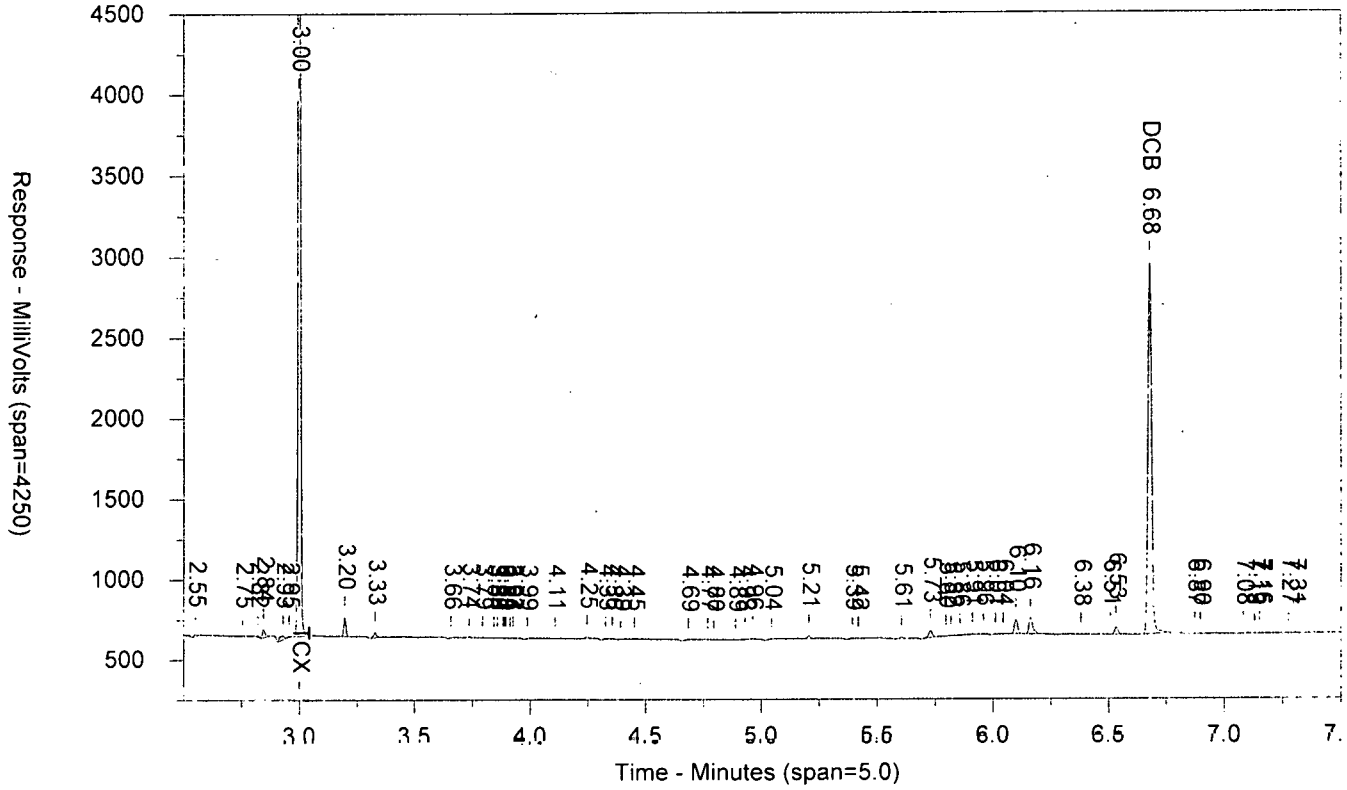
Sample Number: IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 6:08:01 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0064.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.588		2995	2451
1.656		2419	2156
1.762		5097	4633
1.812		2322	4303
1.848		2404	1085
1.964		49021	55116
2.034		20880	43715
2.091		14604	10289
2.173		3374	5048
2.24		1096	2999
2.271		9079	8749
2.327		1450	711
2.35		9702	16857
2.461		3162	2488
2.559		13368	19236
2.582		66508	53847
2.627		2601	1757
2.651	TCX	8127971	4930379
2.735		2981	3868
2.869		113499	71600
2.909		2477	3465
2.986		21636	13579
3.078		2498	2415
3.155		3773	7407
3.309		2016	1547
3.327		4758	2475
3.362		7635	5342
3.42		3655	7897
3.485		2199	1505
3.65		1912	2174
3.798		907	11193
3.912		3767	7049
3.978		14825	13206
4.06		11318	11225
4.115		5026	8083
4.195		1923	1441
4.274		2779	4030
4.375		2084	2253
4.455		1575	1912
4.484		7888	5881
4.689		1288	1111
4.713		17414	13508
4.961		3101	4376
5.03		3236	3621
5.109		13117	12272
5.157		3995	3569
5.231		39634	33592
5.27		5337	5165
5.37		1710	1498
5.421		3927	4401
5.526		1574	1608
5.573		69225	60957
5.641		78564	70231
5.69		13847	12072

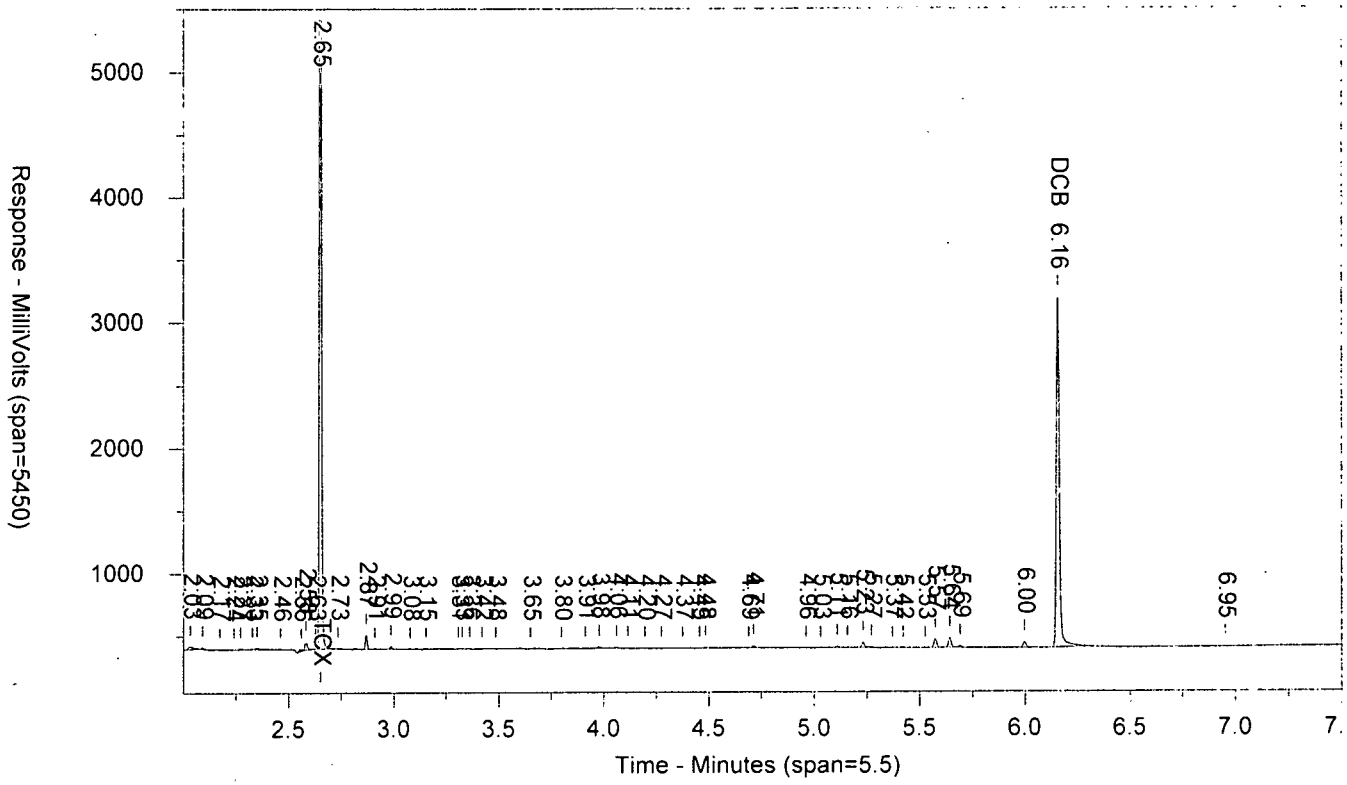
5.997		45748	47634
6.156	DCB	2791537	2790542
6.952		1665	2886
8.2		2381	3070
8.292		9164	15765
8.557		1268	890

IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0064.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0064.RAW



LANCASTER LABORATORIES

Sample Number: IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082
Injected On: 9/19/2017 6:08:01 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

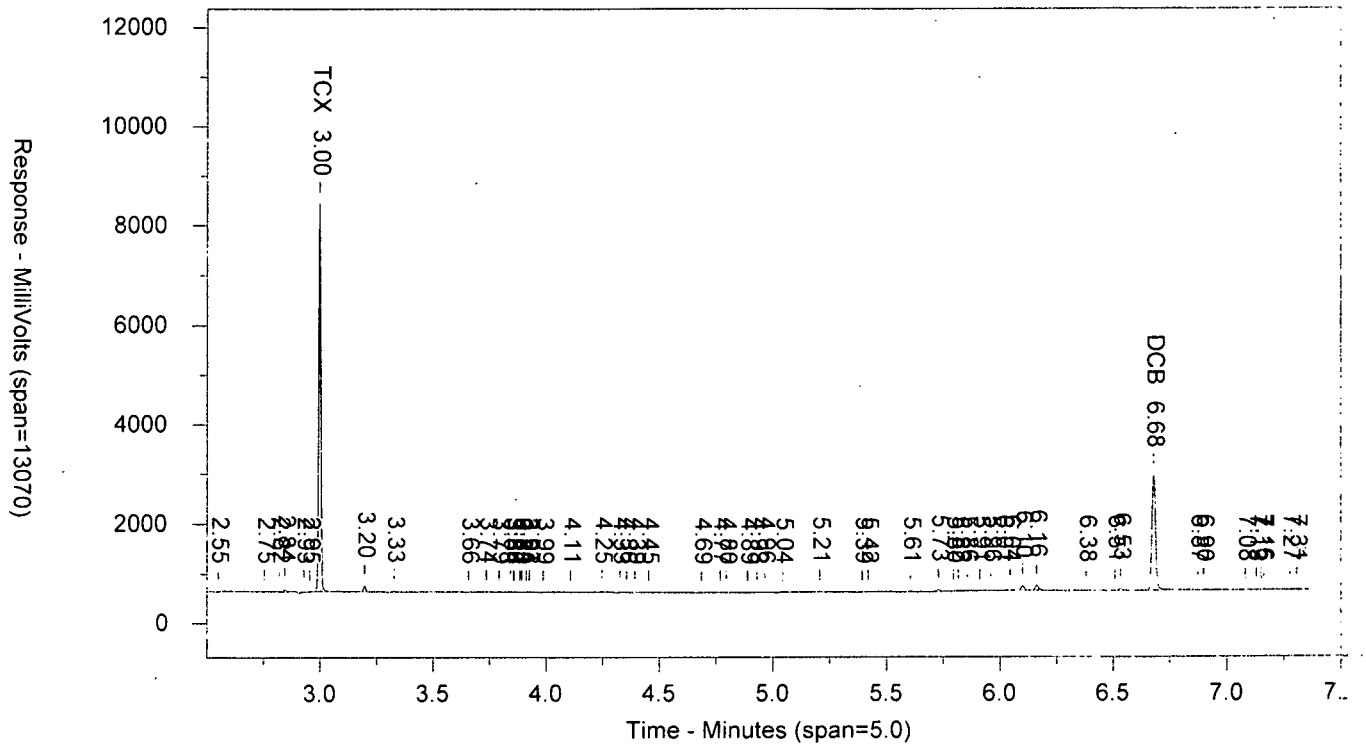
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	7833422	.207	TCX	2.651	8127971	.209	TCX
6.679	2299187	.17	DCB	6.156	2791537	.175	DCB

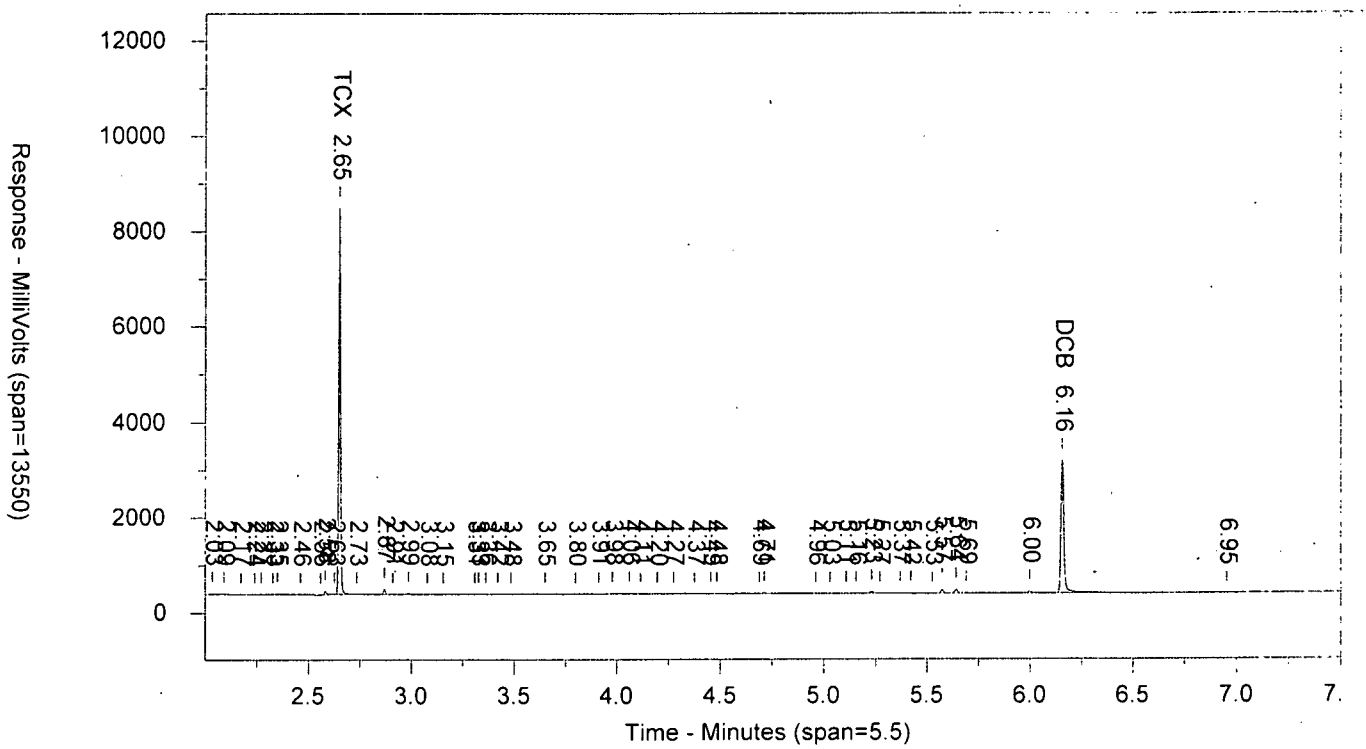
Files:
Area File: 07pcbs17250009.0064.RAW
Area File: 07pcbs17250009B.0064.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 6:16:47 AM
File Reported On: 9/19/2017 at 6:16:54 AM

IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0064.RAW

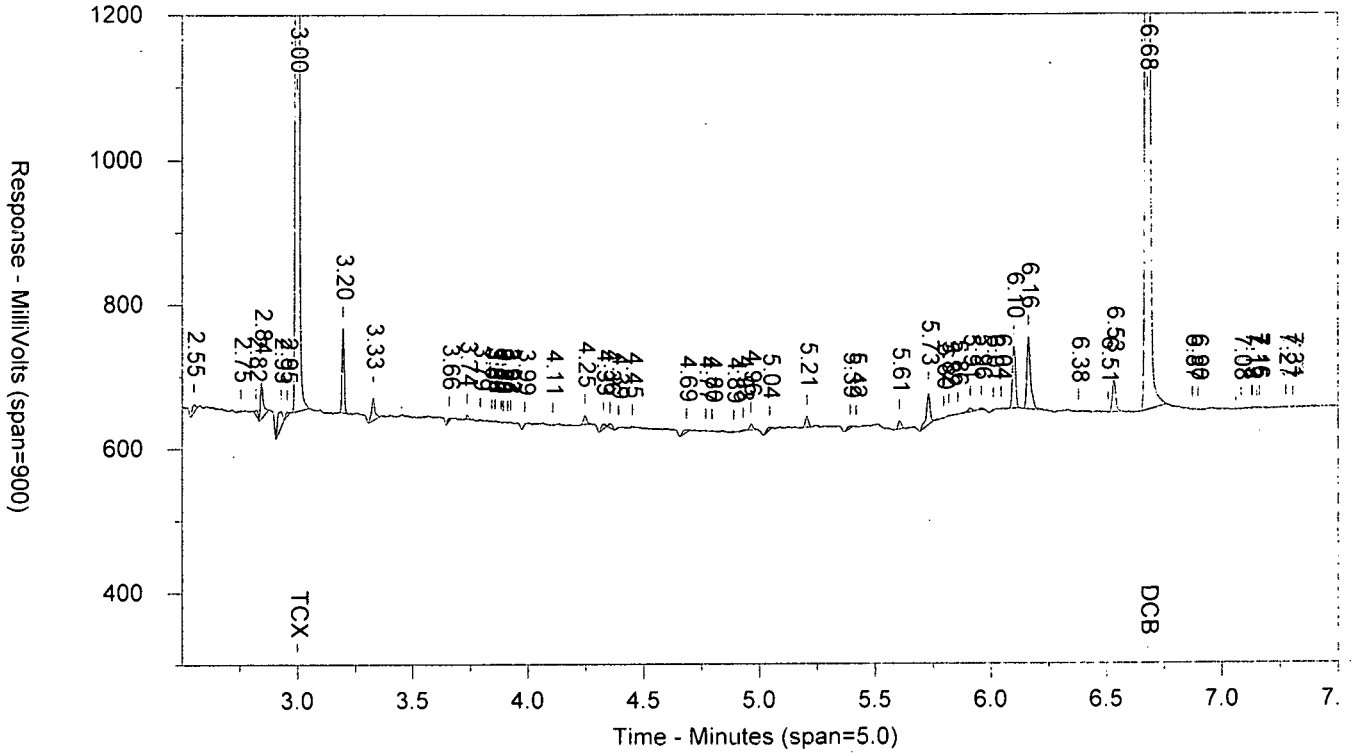


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0064.RAW

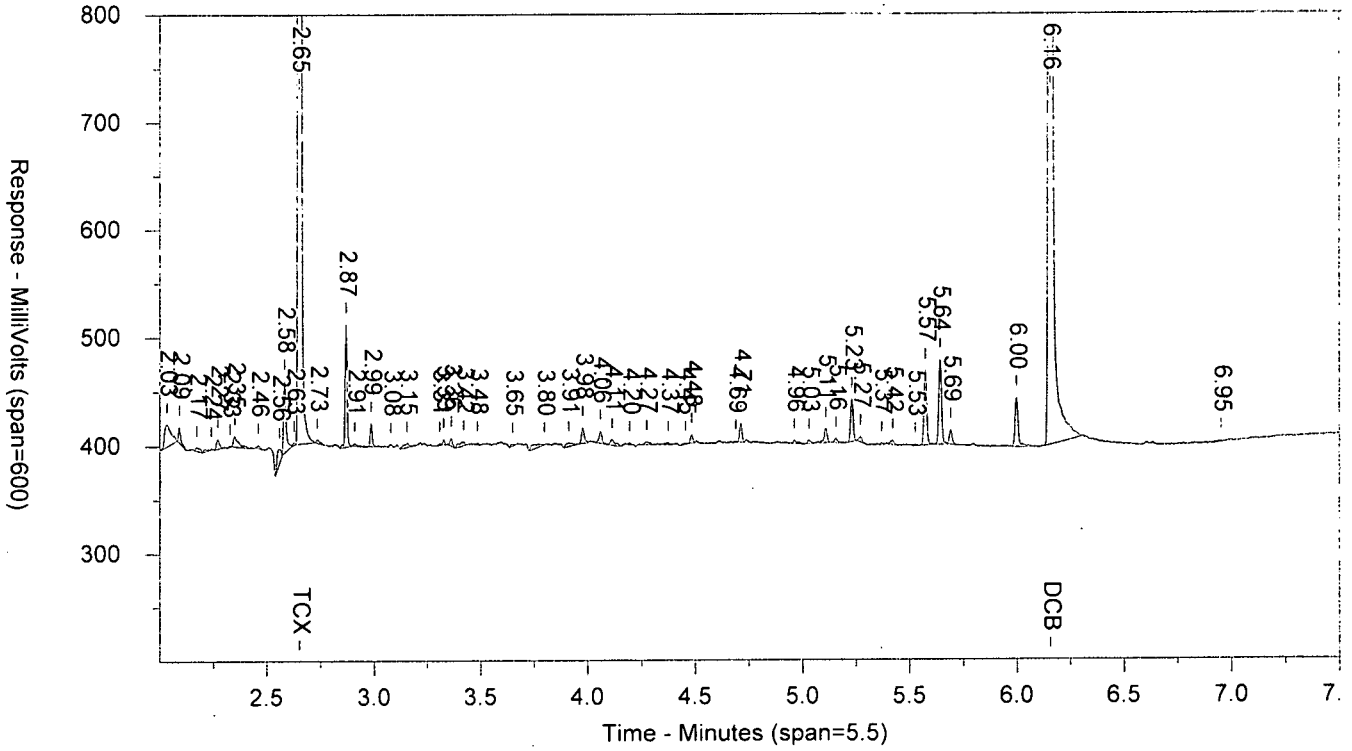


IBLKX1724B BBPIBLKBB PIBLK1726099999 10736 SW-846 8082

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0064.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0064.RAW



Raw QC Data

Polychlorinated Biphenyls (PCBs)

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK40256 BLK Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 01:56:53
Instrument	19843A
Result file	07PCBS17250009.0042.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 90% (61 - 152) Conc: 27.53324
%SSR(DCB) 87% (48 - 164) Conc: 23.69604

Analysis Report (B)

Injected on	Sep 19, 2017 01:56:53
Instrument	19843B
Result file	07PCBS17250009B.0042.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 91% (61 - 152) Conc: 27.65764
%SSR(DCB) 91% (48 - 164) Conc: 24.69027

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	10421410	27.53324	Tetrachloro-m-xylene	2.62	2.65	2.68	10748380	27.65764
Decachlorobiphenyl	6.65	6.68	6.71	3198465	23.69604	Decachlorobiphenyl	6.13	6.16	6.19	3933264	24.69027

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	27.65764				0.45	
Tetrachloro-m-xylene-D1	A	27.53324					
Tetrachloro-m-xylene-D2	B	27.65764					
Decachlorobiphenyl	B	24.69027				4.11	
Decachlorobiphenyl-D1	A	23.69604					
Decachlorobiphenyl-D2	B	24.69027					

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 12:59:56

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK40256 Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:56:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0042.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 90% (61-152) Conc.: 27.53324
%SSR(DCB) : 87% (48-164) Conc.: 23.69604

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**3**	**33.96**	
3.23	3.27	3.27	6059.42	0.921686			1
3.78	3.79	3.82	5385.503	0.584274			5
+ 3.91	3.91	3.95	1008.263	0.178329			6
3.91	3.92	3.95	2781.97	0.492039			6
Height Summation:			**14226.893**				
Amount Avg CF:			**0.666**	Linear:			
Aroclor-1221					**3**	**160.16**	
3.13	3.15	3.17	3151.114	1.035222			1
3.18	3.20	3.22	92076.49	33.070033			2
3.23	3.27	3.27	6059.42	0.714514			3
Height Summation:			**101287.024**				
Amount Avg CF:			**11.606589**	Linear:			
Aroclor-1232					**3**	**22.88**	
3.23	3.27	3.27	6059.42	0.785628			1
3.78	3.79	3.82	5385.503	1.192094			5
+ 3.91	3.91	3.95	1008.263	0.443347			6
3.91	3.92	3.95	2781.97	1.22327			6
Height Summation:			**14226.893**				
Amount Avg CF:			**1.066998**	Linear:			
Aroclor-1242					**3**	**33.03**	
3.23	3.27	3.27	6059.42	0.68836			1
3.78	3.79	3.82	5385.503	0.422395			5
+ 3.91	3.91	3.95	1008.263	0.140108			6
3.91	3.92	3.95	2781.97	0.386582			6
Height Summation:			**14226.893**				
Amount Avg CF:			**0.499112**	Linear:			
Aroclor-1248					**6**	**71.24**	
3.78	3.79	3.82	5385.503	1.185238			1
+ 3.84	3.85	3.88	1448.24	0.299616			2
+ 3.84	3.86	3.88	1448.37	0.299643			2
3.84	3.87	3.88	3190.142	0.659985			2
+ 3.91	3.91	3.95	1008.263	0.125274			3
3.91	3.92	3.95	2781.97	0.345654			3
4.03	4.05	4.07	1305.841	0.143687			4
4.12	4.15	4.16	2574.875	0.327244			5
4.30	4.31	4.34	10217.78	1.215747			6
+ 4.30	4.32	4.34	3648.848	0.434153			6
Height Summation:			**25456.111**				
Amount Avg CF:			**0.646259**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:56:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0042.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 91% (61-152) Conc.: 27.65764
%SSR(DCB) : 91% (48-164) Conc.: 24.69027

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**138.41**	
2.92	2.94	2.96	7140.821	1.061728			1
3.12	3.15	3.16	3856.982	0.450916			2
3.25	3.28	3.29	59463.96	7.033247			3
3.40	3.41	3.44	14569.98	1.607909			4
3.44	3.44	3.48	4051.289	0.476017			5
+ 3.44	3.47	3.48	2664.629	0.313087			5
3.57	3.59	3.61	3710.703	0.529332			6
Height Summation:			**92793.735**				
Amount Avg CF:			**1.859858**	Linear:			
Aroclor-1221					**3**	**162.24**	
2.80	2.82	2.84	3268.677	0.892267			1
2.86	2.87	2.90	87776.13	38.198893			2
2.92	2.94	2.96	7140.821	0.790564			3
Height Summation:			**98185.628**				
Amount Avg CF:			**13.293908**	Linear:			
Aroclor-1232					**6**	**144.13**	
2.92	2.94	2.96	7140.821	0.867831			1
3.12	3.15	3.16	3856.982	0.893104			2
3.25	3.28	3.29	59463.96	14.236048			3
3.40	3.41	3.44	14569.98	3.493983			4
3.44	3.44	3.48	4051.289	0.954028			5
+ 3.44	3.47	3.48	2664.629	0.627487			5
3.57	3.57	3.61	4486.363	1.52218			6
+ 3.57	3.59	3.61	3710.703	1.259006			6
Height Summation:			**93569.395**				
Amount Avg CF:			**3.661196**	Linear:			
Aroclor-1242					**6**	**135.84**	
2.92	2.94	2.96	7140.821	0.767769			1
3.12	3.15	3.16	3856.982	0.510651			2
3.25	3.28	3.29	59463.96	5.380777			3
3.40	3.41	3.44	14569.98	1.107357			4
3.44	3.44	3.48	4051.289	0.343914			5
+ 3.44	3.47	3.48	2664.629	0.2262			5
3.57	3.57	3.61	4486.363	0.506286			6
+ 3.57	3.59	3.61	3710.703	0.418752			6
Height Summation:			**93569.395**				
Amount Avg CF:			**1.436126**	Linear:			
Aroclor-1248					**5**	**55.53**	
3.44	3.44	3.48	4051.289	1.039326			1
+ 3.44	3.47	3.48	2664.629	0.683589			1
3.55	3.57	3.59	4486.363	0.487557			3
3.67	3.69	3.71	2644.463	0.239025			4
3.76	3.78	3.80	3135.285	0.409835			5
3.90	3.92	3.94	13396.61	0.920583			6
Height Summation:			**27714.01**				
Amount Avg CF:			**0.619265**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK40256Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 01:56:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0042.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	42.46	
4.29	4.31	4.32	10217.78	1.127493			1
+ 4.29	4.32	4.32	3648.848	0.402637			1
4.63	4.65	4.67	3324.526	0.345909			2
4.69	4.71	4.73	17820.89	0.876465			3
4.91	4.93	4.95	9979.777	0.80293			4
5.11	5.13	5.15	5917.91	0.832144			5
5.23	5.24	5.27	14230.66	1.52326			6
Height Summation:			**61491.543**				
Amount Avg CF:			**0.918033**	Linear:			
Aroclor-1260					5	30.61	
4.82	4.84	4.86	11210.85	0.770274			1
5.02	5.04	5.06	10350.48	0.724495			2
5.23	5.24	5.27	14230.66	1.049755			3
5.69	5.71	5.73	7976.629	0.414921			5
5.89	5.91	5.93	9063.447	0.720914			6
Height Summation:			**52832.066**				
Amount Avg CF:			**0.736072**	Linear:			
Aroclor-1262					5	43.70	
5.29	5.31	5.33	1903.024	0.163396			1
5.69	5.71	5.73	7976.629	0.351112			3
5.89	5.91	5.93	9063.447	0.584515			4
5.95	5.96	5.99	2374.268	0.304316			5
6.31	6.33	6.35	3552.172	0.507751			6
Height Summation:			**24869.54**				
Amount Avg CF:			**0.382218**	Linear:			
Aroclor-1268					6	170.09	
5.89	5.91	5.93	9063.447	0.325836			1
5.95	5.96	5.99	2374.268	0.098709			2
6.08	6.10	6.12	83401.31	3.613094			3
6.14	6.16	6.18	92666.58	15.290297			4
6.31	6.33	6.35	3552.172	0.499371			5
6.51	6.53	6.55	50320.02	1.074784			6
Height Summation:			**241377.797**				
Amount Avg CF:			**3.483682**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 01:56:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0042.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	41.25	
4.20	4.22	4.24	4785.327	0.414651			1
4.26	4.28	4.30	20353.88	0.997467			2
4.35	4.37	4.39	13910.32	1.451278			3
4.42	4.44	4.46	12214.02	0.969071			4
4.64	4.66	4.68	5609.292	0.632141			5
4.72	4.74	4.76	18975.9	1.349705			6
Height Summation:			**75848.739**				
Amount Avg CF:			**0.969052**	Linear:			
Aroclor-1260					6	23.60	
4.35	4.37	4.39	13910.32	0.933363			1
4.49	4.51	4.53	14815.13	0.866576			2
4.60	4.61	4.64	11810.82	0.854382			3
4.72	4.74	4.76	18975.9	1.137525			4
5.14	5.16	5.18	12800.16	0.594312			5
5.40	5.42	5.44	8246.237	0.64654			6
Height Summation:			**80558.567**				
Amount Avg CF:			**0.838783**	Linear:			
Aroclor-1262					5	23.21	
4.76	4.77	4.80	4015.436	0.246177			1
4.95	4.96	4.99	6276.627	0.413514			2
5.14	5.16	5.18	12800.16	0.457037			3
5.40	5.42	5.44	8246.237	0.482615			5
5.78	5.80	5.82	2836.17	0.387836			6
Height Summation:			**34174.63**				
Amount Avg CF:			**0.397436**	Linear:			
Aroclor-1268					5	157.08	
5.40	5.42	5.44	8246.237	0.296349			2
5.56	5.57	5.60	68946.21	2.963657			3
5.62	5.64	5.66	78704.38	13.897598			4
5.78	5.80	5.82	2836.17	0.355621			5
5.98	6.00	6.02	52918.85	0.964169			6
Height Summation:			**211651.847**				
Amount Avg CF:			**3.695479**	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		** 94.53	4	40	
Aroclor-1221			51	15.3		13.55	3	40	
Aroclor-1232			51	12.3		** 109.73	4	40	
Aroclor-1242			51	12.3		** 96.84	4	40	
Aroclor-1248			51	9.9		4.27	4	40	
Aroclor-1254			51	13.2		5.41	4	40	
Aroclor-1260			51	11.7		13.04	4	40	
Aroclor-1262			51	9.9		3.90	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK40256 Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 19, 2017 01:56:53
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0042.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 19, 2017 01:56:53
Instrument	: CP 7--19843B
Result file	: 07PCBS17250009B.0042.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			51	9.9		5.90	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 1:56:53 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: 07pcbs17250009.0042.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.505		12197	4985
1.536		29246	31894
1.565		9710	5334
1.591		43465	52839
1.658		98492	202018
1.699		58732	72145
1.72		29630	22773
1.743		69139	71871
1.767		28835	34023
1.799		83560	99386
1.823		64327	64590
1.856		34817	43194
1.873		26004	27498
1.907		26019	31284
1.943		25822	21474
1.972		13741	17162
1.997		10484	6804
2.029		14577	11139
2.063		7878	3942
2.091		6300	3602
2.107		18617	19107
2.155		31286	40841
2.177		30004	23622
2.201		516364	349061
2.234		20339	11981
2.252		13565	9130
2.268		35924	23328
2.294		28292	19223
2.354		5645	4388
2.39		20161	14738
2.402		14564	8620
2.436		15681	14793
2.461		567432	366187
2.508		15406	15047
2.526		14276	9305
2.548		11199	9794
2.576		10089	9924
2.605		5274	2328
2.665		5341	4807
2.687		4930	3824
2.719		14586	10060
2.753		3071	1466
2.771		17003	11952
2.805		67547	50217
2.864		1949	1109
2.892		2234	1101
2.942		15566	11426
2.999	TCX	10421410	6687635
3.146		3151	2104
3.196		92076	67575
3.266		6059	7106
3.308		16510	11486
3.327		23865	14802

RT A	Compound A	Height A	Area A
3.425		3410	1606
3.538		5820	2887
3.555		14299	8470
3.658		30792	24005
3.726		28065	20172
3.787		5386	4659
3.823		1557	581
3.853		1448	338
3.858		1448	222
3.87		3190	2077
3.894		2628	1426
3.915		1008	153
3.924		2782	2151
3.956		5829	3911
3.979		3311	2279
4.054		1306	506
4.107		3804	2956
4.145		2575	1667
4.167		24920	19752
4.248		12719	12208
4.28		1723	525
4.306		10218	6980
4.324		3649	1667
4.349		10169	12190
4.389		2264	1444
4.462		11858	12676
4.496		5122	3115
4.602		4545	3516
4.65		3325	2211
4.715		17821	15182
4.763		3606	3006
4.797		2290	1791
4.84		11211	9671
4.93		9980	9441
4.965		5478	4433
5.04		10350	8416
5.091		2760	2051
5.129		5918	5566
5.205		13741	12550
5.244		14231	12981
5.308		1903	704
5.35		4109	3283
5.448		3160	2124
5.605		10334	8845
5.645		1872	904
5.706		7977	6231
5.728		27003	23584
5.839		1569	1518
5.909		9063	10586
5.956		2374	2826
6.071		1285	913
6.098		83401	76694
6.162		92667	99596
6.29		1728	1172
6.331		3552	3372
6.391		2135	1257
6.41		3452	3312
6.532		50320	52836
6.606		1226	602
6.647		1440	688
6.679	DCB	3198465	3386735
6.8		1298	733
6.824		1327	620
6.959		2070	2040
7.09		1731	2383
7.267		3813	8856

RT A	Compound A	Height A	Area A
7.396		916	403
7.512		1551	394
7.555		1283	391
7.602		1851	2299
7.667		1258	436
7.716		1462	1085
7.787		1750	471
7.804		1266	557
7.858		1097	695
8.001		1230	1577
8.209		1022	740
8.294		1638	1389
8.376		1652	741
8.412		1178	556
8.425		1559	775
8.459		1251	1070
8.546		1169	479
8.578		1528	586

LANCASTER LABORATORIES

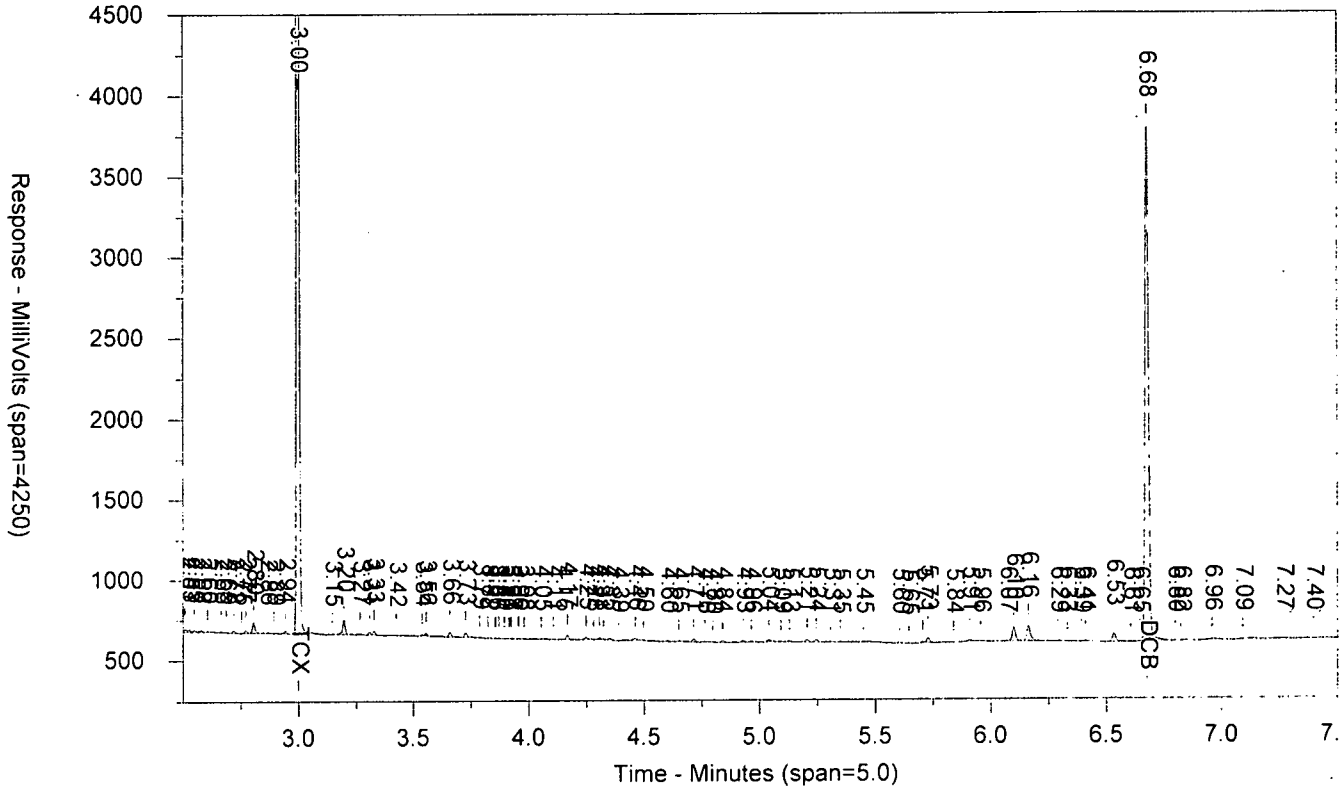
Sample Number: BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 1:56:53 AM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0042.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.509		22387	12655
1.528		10953	7809
1.549		25424	19942
1.563		46828	59030
1.59		43402	61501
1.624		35417	31236
1.648		11676	7922
1.664		20607	19202
1.695		21674	29672
1.722		8844	6654
1.745		8796	4838
1.776		17864	14649
1.794		31668	43377
1.844		16519	16461
1.861		21468	16147
1.886		14955	10759
1.91		542629	392796
1.966		44220	58042
1.991		6125	3441
2.026		43507	52888
2.07		12587	10528
2.091		13093	7519
2.151		610444	352169
2.221		14571	9275
2.269		10266	10099
2.303		4708	2546
2.32		3956	1681
2.353		10707	7611
2.389		2579	989
2.401		7989	4614
2.428		16831	12279
2.47		66952	43474
2.496		4222	1841
2.517		5433	5064
2.554		3543	1974
2.589		5363	5196
2.626		20638	11127
2.652	TCX	10748380	6542842
2.731		3705	4459
2.771		13552	9283
2.8		3825	2608
2.816		3269	3130
2.85		2526	1103
2.869		87776	55717
2.936		7141	3601
2.959		19614	10693
2.985		19027	11101
3.031		3547	2667
3.054		1678	762
3.076		1746	1428
3.146		3857	4446
3.183		23505	15592
3.22		17499	14029
3.281		59464	33768

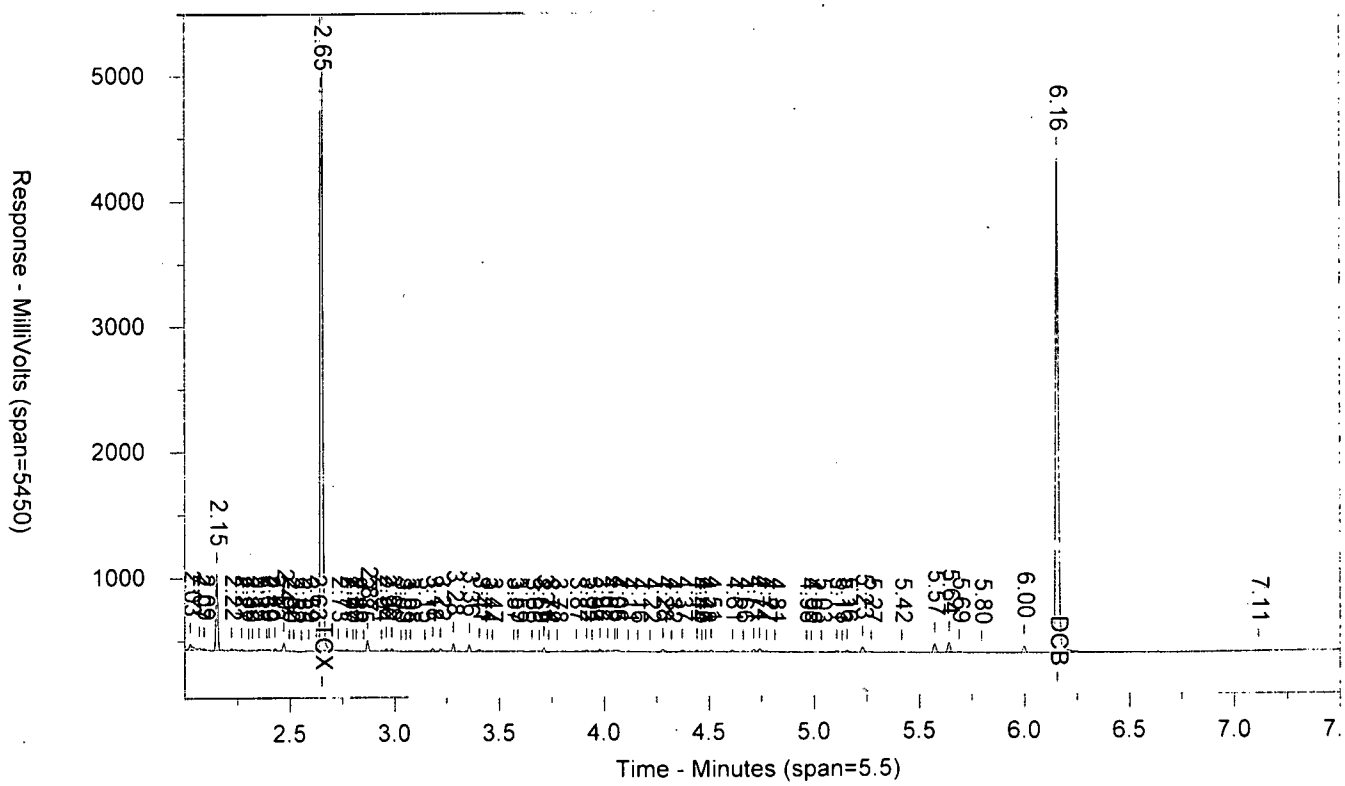
3.357		56437	38983
3.405		14570	20673
3.443		4051	2504
3.467		2665	1310
3.569		4486	3398
3.588		3711	1981
3.655		2338	2557
3.69		2644	1321
3.713		33373	22063
3.735		6049	5371
3.776		3135	2629
3.867		10053	8449
3.915		13397	10955
3.941		5575	3143
3.979		16625	16075
4.017		12509	8567
4.05		4708	2833
4.063		6853	3962
4.114		5699	6226
4.159		4655	4188
4.218		4785	2887
4.279		20354	23422
4.32		3242	2867
4.372		13910	12465
4.442		12214	8268
4.465		2102	1149
4.483		6242	4218
4.509		14815	11079
4.611		11811	13716
4.662		5609	4535
4.712		17036	13894
4.741		18976	17964
4.774		4015	3459
4.813		3763	4174
4.963		6277	4960
4.986		3513	2679
5.033		3666	4201
5.107		11454	9103
5.134		1910	1129
5.157		12800	9805
5.23		37728	30801
5.271		5351	5000
5.415		8246	8851
5.572		68946	61945
5.641		78704	65988
5.689		11688	9322
5.795		2836	2434
5.997		52919	43195
6.156	DCB	3933264	3577195
7.112		1459	3011
7.893		654	1136
8.206		1682	2234
8.29		9662	19966

BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0042.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0042.RAW



LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 1:56:53 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

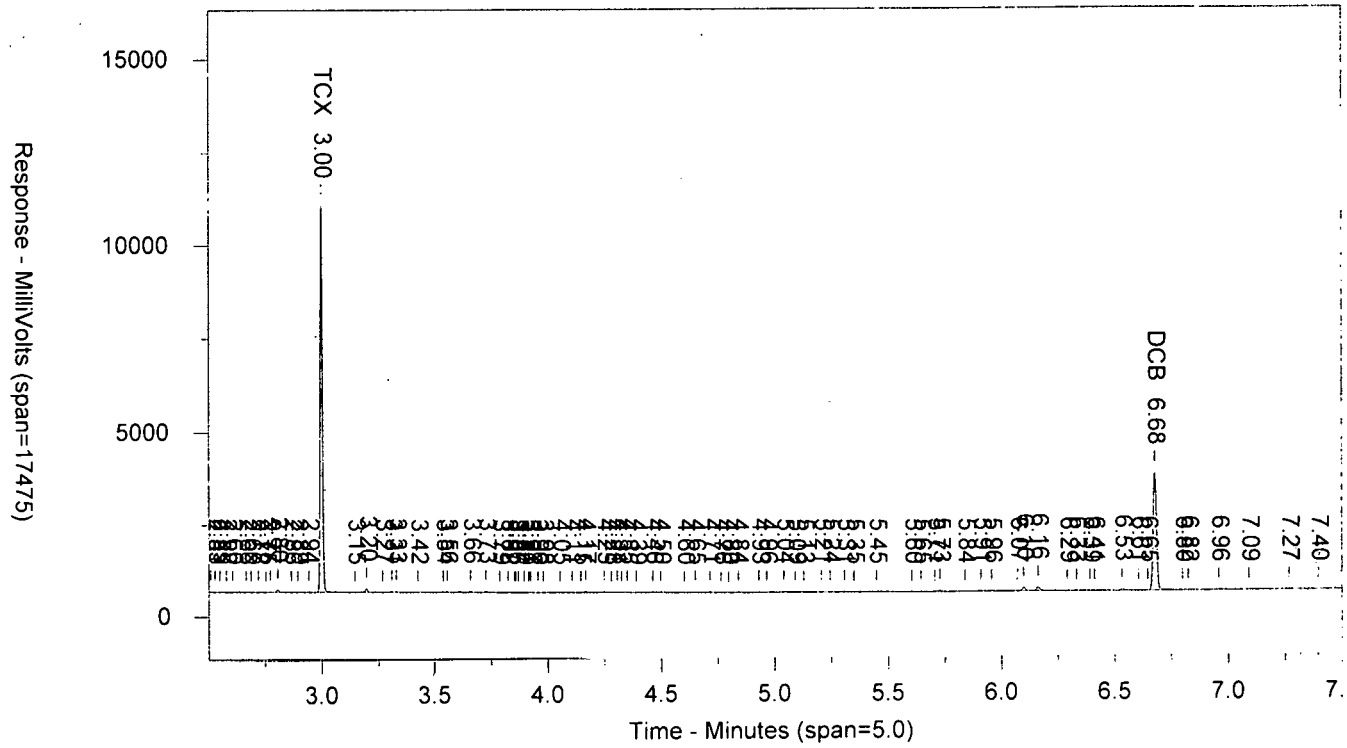
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	10421410	27.533	TCX	2.652	10748380	27.658	TCX
6.679	3198465	23.696	DCB	6.156	3933264	24.69	DCB

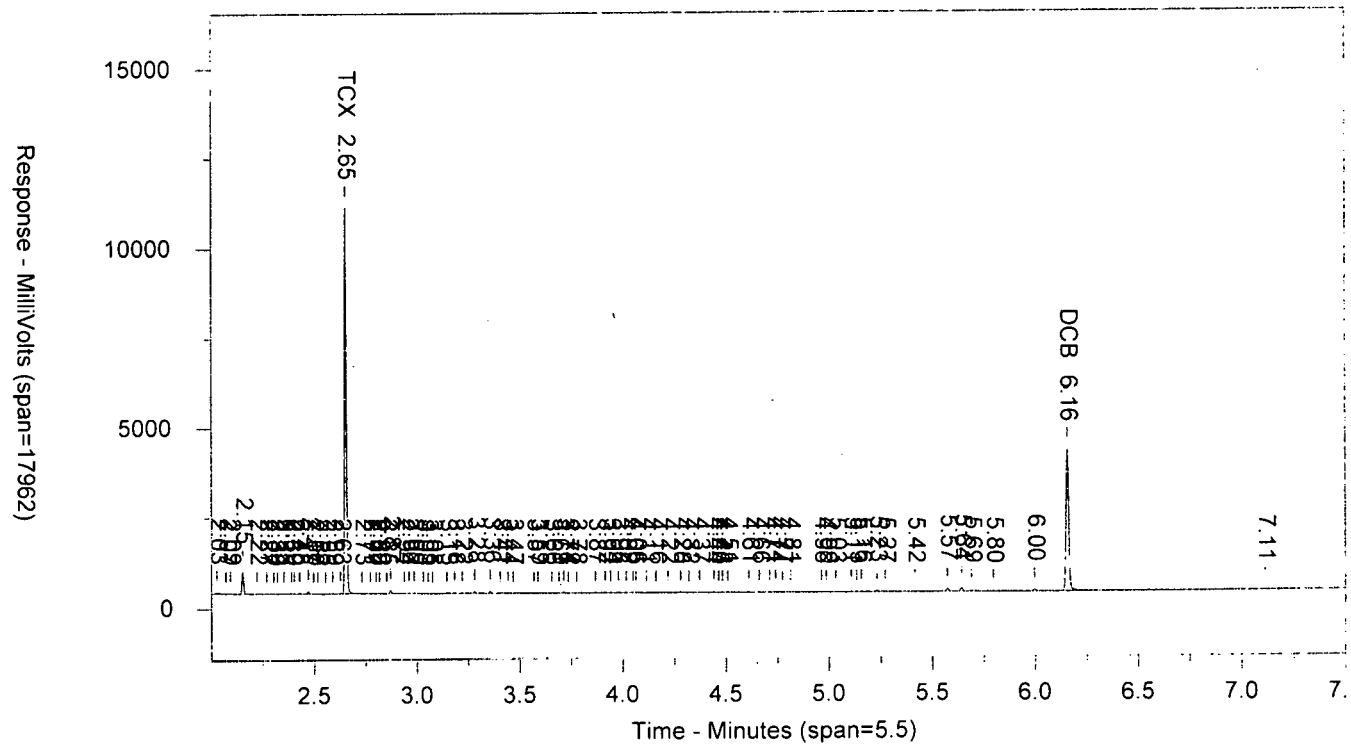
Files:
Area File: 07pcbs17250009.0042.RAW
Area File: 07pcbs17250009B.0042.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 2:05:35 AM
File Reported On: 9/19/2017 at 2:05:44 AM

BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0042.RAW

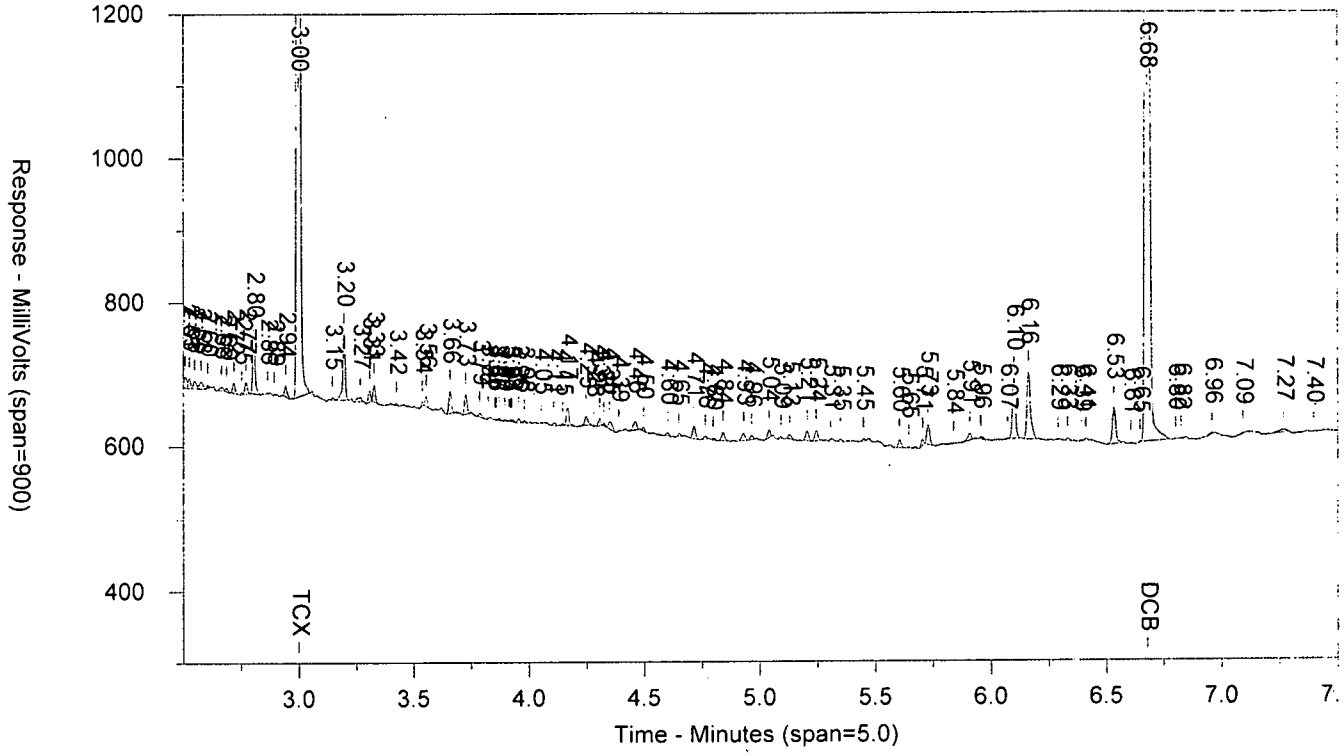


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0042.RAW

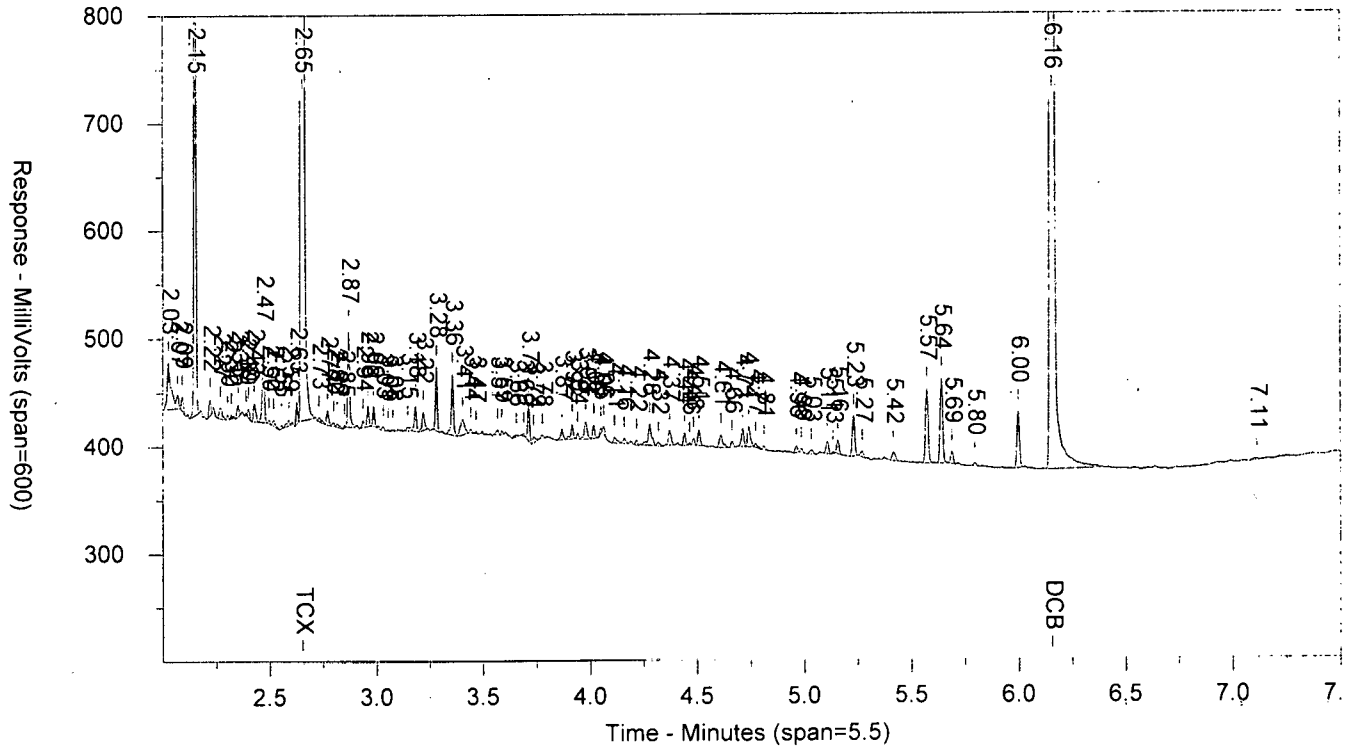


BLANKA 9/14/17 ACF ABPBLK40256 BLK 172560040A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0042.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0042.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS40256 LCS Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 02:08:16
Instrument	19843A
Result file	07PCBS17250009.0043.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 102% (61 - 152) Conc: 31.10276
%SSR(DCB) 109% (48 - 164) Conc: 29.55905

Analysis Report (B)

Injected on	Sep 19, 2017 02:08:16
Instrument	19843B
Result file	07PCBS17250009B.0043.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 107% (61 - 152) Conc: 32.69994
%SSR(DCB) 101% (48 - 164) Conc: 27.30129

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	11772480	31.10276
Decachlorobiphenyl	6.65	6.68	6.71	3989847	29.55905

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	12707930	32.69994
Decachlorobiphenyl	6.13	6.16	6.19	4349210	27.30129

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐ Tetrachloro-m-xylene	B	32.69994				5.01	
☐ Tetrachloro-m-xylene-D1	A	31.10276					
☐ Tetrachloro-m-xylene-D2	B	32.69994					
☐ Decachlorobiphenyl	A	29.55905				7.94	
☐ Decachlorobiphenyl-D1	A	29.55905					
☐ Decachlorobiphenyl-D2	B	27.30129					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**6.10**	
3.23	3.25	3.27	3000313	456.371582			1
3.45	3.47	3.49	3184882	473.282078			2
3.56	3.58	3.60	3592000	447.766205			3
3.74	3.76	3.78	4136827	526.718962			4
3.78	3.80	3.82	4306441	467.206234			5
3.91	3.93	3.95	2573662	455.196047			6
Height summation:			**20794125**				
Concentration		CF:	**471.090185**	L:			
Aroclor-1260						**6.30**	
4.82	4.84	4.86	6620344	454.869718			1
5.02	5.04	5.06	6895143	482.63462			2
5.23	5.25	5.27	6598624	486.761765			3
5.45	5.47	5.49	3582288	456.331662			4
5.69	5.71	5.73	9001304	468.221904			5
5.89	5.91	5.93	5111098	406.540681			6
Height summation:			**37808801**				
Concentration		CF:	**459.226725**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**3.33**	
2.92	2.94	2.96	3054938	454.221514			1
3.12	3.14	3.16	3922955	458.629047			2
3.25	3.26	3.29	3868274	457.529689			3
3.40	3.42	3.44	4483502	494.788709			4
3.44	3.46	3.48	4060296	477.074865			5
3.57	3.59	3.61	3243138	462.63402			6
Height summation:			**22633103**				
Concentration		CF:	**467.479641**	L:			
Aroclor-1260						**1.90**	
4.35	4.37	4.39	6830442	458.313057			1
4.49	4.51	4.53	7983368	466.968259			2
4.60	4.61	4.64	6425617	464.821995			3
4.72	4.74	4.76	8039944	481.960505			4
5.14	5.16	5.18	10314280	478.892292			5
5.40	5.42	5.44	6021830	472.136869			6
Height summation:			**45615481**				
Concentration		CF:	**470.515496**	L:			

Valeria L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 12:59:59

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS40256 LCS Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 02:08:16
Instrument	19843A
Result file	07PCBS17250009.0043.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 19, 2017 02:08:16
Instrument	19843B
Result file	07PCBS17250009B.0043.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	471.090185	51	9.9		0.77	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	470.515496	51	11.7		2.43	4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs	A	941.605681	51	9.9				

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 12:59:59

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS40256 Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0043.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**6.10**	
3.23	3.25	3.27	3000313	456.371582			1
3.45	3.47	3.49	3184882	473.282078			2
+ 3.45	3.48	3.49	1594877	237.003035			2
3.56	3.58	3.60	3592000	447.766205			3
+ 3.74	3.75	3.78	2156302	274.54983			4
3.74	3.76	3.78	4136827	526.718962			4
3.78	3.80	3.82	4306441	467.206234			5
3.91	3.93	3.95	2573662	455.196047			6
Height Summation:			**20794125**				
Amount Avg CF:			**471.090185**	Linear:			
Aroclor-1221					**3**	**36.82**	
3.13	3.15	3.17	517404.5	169.980611			1
E 3.18	3.20	3.22	655254.7	235.340142			2
E 3.23	3.25	3.27	3000313	353.790479			3
Height Summation:			**4172972.2**				
Amount Avg CF:			**253.037078**	Linear:			
Aroclor-1232					**6**	**29.97**	
E 3.23	3.25	3.27	3000313	389.002793			1
E 3.45	3.47	3.49	3184882	988.88405			2
E+ 3.45	3.48	3.49	1594877	495.198386			2
E 3.56	3.58	3.60	3592000	930.775501			3
E+ 3.74	3.75	3.78	2156302	595.637288			4
E 3.74	3.76	3.78	4136827	1142.719534			4
E 3.78	3.80	3.82	4306441	953.241296			5
E 3.91	3.93	3.95	2573662	1131.674281			6
Height Summation:			**20794125**				
Amount Avg CF:			**922.716242**	Linear:			
Aroclor-1242					**6**	**2.88**	
E 3.23	3.25	3.27	3000313	340.84047			1
E 3.45	3.47	3.49	3184882	359.898479			2
+ 3.45	3.48	3.49	1594877	180.224513			2
E 3.56	3.58	3.60	3592000	340.527837			3
+ 3.74	3.75	3.78	2156302	185.5209			4
E 3.74	3.76	3.78	4136827	355.918544			4
E 3.78	3.80	3.82	4306441	337.761933			5
E 3.91	3.93	3.95	2573662	357.635102			6
Height Summation:			**20794125**				
Amount Avg CF:			**348.763727**	Linear:			
Aroclor-1248					**6**	**52.89**	
E 3.78	3.80	3.82	4306441	947.759058			1
3.84	3.86	3.88	3863478	799.286812			2
3.91	3.93	3.95	2573662	319.771738			3
4.03	4.05	4.07	2979848	327.88451			4
4.12	4.14	4.16	3027223	384.733842			5
4.30	4.31	4.34	3008788	357.995978			6
+ 4.30	4.33	4.34	599057.4	71.277917			6
Height Summation:			**19759440**				
Amount Avg CF:			**522.905323**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0043.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**3.33**	
2.92	2.94	2.96	3054938	454.221514			1
3.12	3.14	3.16	3922955	458.629047			2
3.25	3.26	3.29	3868274	457.529689			3
+ 3.40	3.41	3.44	1972015	217.626925			4
3.40	3.42	3.44	4483502	494.788709			4
+* 3.40	3.44	3.44	155709.7	17.183755			4
+* 3.44	3.44	3.48	155709.7	18.295509			5
3.44	3.46	3.48	4060296	477.074865			5
3.57	3.59	3.61	3243138	462.63402			6
+ 3.57	3.61	3.61	1003034	143.082919			6
Height Summation:			**22633103**				
Amount Avg CF:			**467.479641**	Linear:			
Aroclor-1221					**3**	**33.19**	
2.80	2.82	2.84	614702.6	167.798479			1
+ 2.86	2.87	2.90	44289.19	19.27401			2
E 2.86	2.88	2.90	616211	268.166047			2
E 2.92	2.94	2.96	3054938	338.213833			3
Height Summation:			**4285851.6**				
Amount Avg CF:			**258.059453**	Linear:			
Aroclor-1232					**6**	**29.90**	
E 2.92	2.94	2.96	3054938	371.269594			1
E 3.12	3.14	3.16	3922955	908.380744			2
E 3.25	3.26	3.29	3868274	926.08928			3
E+ 3.40	3.41	3.44	1972015	472.903014			4
E 3.40	3.42	3.44	4483502	1075.175194			4
+* 3.44	3.44	3.48	155709.7	36.667683			5
+* 3.40	3.44	3.44	155709.7	37.340277			4
E 3.44	3.46	3.48	4060296	956.148826			5
E 3.57	3.59	3.61	3243138	1100.365478			6
E+ 3.57	3.61	3.61	1003034	340.319773			6
Height Summation:			**22633103**				
Amount Avg CF:			**889.57152**	Linear:			
Aroclor-1242					**6**	**19.16**	
E 2.92	2.94	2.96	3054938	328.461821			1
E 3.12	3.14	3.16	3922955	519.385839			2
E 3.25	3.26	3.29	3868274	350.032508			3
+ 3.40	3.41	3.44	1972015	149.87832			4
E 3.40	3.42	3.44	4483502	340.757929			4
+* 3.44	3.44	3.48	155709.7	13.218197			5
+* 3.40	3.44	3.44	155709.7	11.834346			4
E 3.44	3.46	3.48	4060296	344.678543			5
E 3.57	3.59	3.61	3243138	365.987724			6
+ 3.57	3.61	3.61	1003034	113.192263			6
Height Summation:			**22633103**				
Amount Avg CF:			**374.884061**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS40256 Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0043.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**6**	**87.01**	
4.29	4.31	4.32	3008788	332.008363			1
+ 4.63	4.65	4.67	422992	44.011259			2
4.63	4.67	4.67	778227.5	80.972624			2
4.69	4.72	4.73	2034424	100.056767			3
4.91	4.93	4.95	1061398	85.39554			4
5.11	5.13	5.15	3050279	428.913594			5
5.23	5.25	5.27	6598624	706.321241			6
Height Summation:			**16531740.5**				
Amount Avg CF:			**288.944688**	Linear:			
Aroclor-1260					**6**	**6.30**	
4.82	4.84	4.86	6620344	454.869718			1
5.02	5.04	5.06	6895143	482.63462			2
5.23	5.25	5.27	6598624	486.761765			3
5.45	5.47	5.49	3582288	456.331662			4
5.69	5.71	5.73	9001304	468.221904			5
5.89	5.91	5.93	5111098	406.540681			6
Height Summation:			**37808801**				
Amount Avg CF:			**459.226725**	Linear:			
Aroclor-1262					**6**	**30.44**	
E 5.29	5.31	5.33	3230050	277.335282			1
E 5.45	5.47	5.49	3582288	345.988925			2
E 5.69	5.71	5.73	9001304	396.21542			3
E 5.89	5.91	5.93	5111098	329.622018			4
5.95	5.96	5.99	1113094	142.668014			5
E 6.31	6.33	6.35	1771750	253.255608			6
Height Summation:			**23809584**				
Amount Avg CF:			**290.847545**	Linear:			
Aroclor-1268					**6**	**92.46**	
5.89	5.91	5.93	5111098	183.747021			1
5.95	5.96	5.99	1113094	46.27654			2
6.08	6.10	6.12	193490.1	8.382337			3
6.14	6.18	6.18	1001203	165.201861			4
E 6.31	6.33	6.35	1771750	249.076076			5
6.51	6.53	6.55	477209.1	10.192693			6
Height Summation:			**9667844.2**				
Amount Avg CF:			**110.479421**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0043.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					**6**	**60.01**	
+ 3.44	3.44	3.48	155709.7	39.946081			1
E 3.44	3.46	3.48	4060296	1041.636536			1
3.51	3.53	3.55	4382950	820.223023			2
3.55	3.56	3.59	3032622	329.571193			3
3.67	3.69	3.71	3739131	337.969069			4
+ 3.76	3.76	3.80	830719.6	108.589062			5
3.76	3.78	3.80	2867537	374.835447			5
3.90	3.92	3.94	4119474	283.0803			6
Height Summation:			**22202010**				
Amount Avg CF:			**531.219261**	Linear:			
Aroclor-1254					**6**	**110.31**	
4.20	4.22	4.24	881255.6	76.361177			1
+ 4.26	4.26	4.30	847855.9	41.550213			2
+ 4.26	4.28	4.30	802659.2	39.335294			2
4.26	4.29	4.30	1999823	98.003766			2
4.35	4.37	4.39	6830442	712.626844			3
4.42	4.44	4.46	657416.8	52.160016			4
4.64	4.67	4.68	805989.9	90.831329			5
4.72	4.74	4.76	8039944	571.859783			6
Height Summation:			**19214871.3**				
Amount Avg CF:			**266.973819**	Linear:			
Aroclor-1260					**6**	**1.90**	
4.35	4.37	4.39	6830442	458.313057			1
4.49	4.51	4.53	7983368	466.968259			2
4.60	4.61	4.64	6425617	464.821995			3
4.72	4.74	4.76	8039944	481.960505			4
5.14	5.16	5.18	10314280	478.892292			5
5.40	5.42	5.44	6021830	472.136869			6
Height Summation:			**45615481**				
Amount Avg CF:			**470.515496**	Linear:			
Aroclor-1262					**6**	**26.07**	
E 4.76	4.77	4.80	3744110	229.542625			1
E 4.95	4.96	4.99	4739806	312.265591			2
E 5.14	5.16	5.18	10314280	368.277536			3
5.36	5.37	5.40	1865047	184.12103			4
E 5.40	5.42	5.44	6021830	352.430209			5
E 5.78	5.80	5.82	1792726	245.14876			6
Height Summation:			**28477799**				
Amount Avg CF:			**281.964292**	Linear:			
Aroclor-1268					**6**	**112.90**	
5.36	5.37	5.40	1865047	64.263699			1
E 5.40	5.42	5.44	6021830	216.409495			2
5.56	5.57	5.60	171486.7	7.371366			3
5.62	5.64	5.66	133925.2	23.648476			4
E 5.78	5.80	5.82	1792726	224.785797			5
5.98	6.00	6.02	481420	8.771356			6
Height Summation:			**10466434.9**				
Amount Avg CF:			**90.875031**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS40256 Sample ID: AB **Batchnumber: 172560040A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0043.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 02:08:16
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0043.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						0.77	4	40	
Aroclor-1221						1.97	3	40	
Aroclor-1232						3.66	4	40	
Aroclor-1242						7.22	4	40	
Aroclor-1248						1.58	4	40	
Aroclor-1254						7.90	4	40	
Aroclor-1260						2.43	4	40	
Aroclor-1262						3.10	4	40	
Aroclor-1268						19.47	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 2:08:16 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: 07pcbs17250009.0043.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.505		13252	6121
1.535		18767	21651
1.565		6268	3543
1.592		34882	46104
1.657		105660	210407
1.7		50465	59740
1.721		23001	17463
1.743		98614	132099
1.8		69709	89077
1.823		53318	58507
1.856		32874	41052
1.872		27786	31257
1.907		29048	39877
1.944		28442	28790
1.973		22635	34125
1.998		15021	11972
2.027		18443	19147
2.062		28137	29486
2.107		20405	25109
2.152		28133	39160
2.177		26827	23250
2.201		795135	567836
2.233		26592	18526
2.252		25198	18628
2.268		52799	45973
2.294		37541	28898
2.311		9062	4259
2.39		23139	15329
2.403		17051	12394
2.435		15749	16043
2.461		986665	643874
2.509		14373	13477
2.527		11640	8095
2.553		9720	9895
2.576		12291	10631
2.604		3807	1790
2.635		36591	23327
2.667		3965	2538
2.719		7518	5381
2.772		31023	19405
2.805		119698	89363
2.911		6810	4375
2.942		28072	19583
2.999	TCX	11772480	7560956
3.057		5760	3471
3.147		517405	444642
3.203		655255	482762
3.251		3000313	1980478
3.328		10414	4828
3.344		378771	250326
3.385		10866	7694
3.465		3184882	1858910
3.483		1594877	836557

RT A	Compound A	Height A	Area A
3.519		390924	225288
3.535		79819	29845
3.547		193438	99427
3.58		3592000	2667805
3.617		23498	11455
3.631		18486	9345
3.656		188069	140811
3.689		840011	485487
3.704		479574	234930
3.726		13275	5256
3.749		2156303	1173300
3.761		4136827	2019967
3.799		4306441	3303844
3.859		3863478	2846791
3.9		304863	213944
3.928		2573663	1880659
3.955		1811957	1478530
3.977		513302	264795
4.054		2979848	2019175
4.079		1012068	672189
4.11		1118696	794711
4.145		3027223	2834391
4.185		931296	731282
4.232		139325	117371
4.272		195750	149915
4.306		3008788	2134445
4.325		599057	325589
4.35		759870	592757
4.42		489126	408450
4.463		3138929	2923263
4.497		114803	82808
4.561		42964	33279
4.602		386770	364678
4.655		422992	284730
4.672		778228	521028
4.716		2034424	1797098
4.765		2993812	3185952
4.802		702076	502223
4.842		6620345	6041236
4.886		64540	54292
4.929		1061398	1099963
4.962		75251	49331
4.989		1060203	981327
5.042		6895143	8317409
5.093		1246517	1108040
5.132		3050279	3166357
5.174		37207	19485
5.212		532297	638922
5.246		6598624	5983387
5.268		265944	133034
5.286		100569	41245
5.311		3230050	2827524
5.354		1989529	1865317
5.448		844432	674279
5.473		3582288	3057813
5.528		1986398	1752606
5.567		1172185	1142836
5.61		220776	213322
5.649		1291808	1320420
5.707		9001304	9022917
5.792		9521	12229
5.91		5111098	4867530
5.942		246730	167558
5.965		1113094	1195990
6.1		193490	184941
6.18		1001203	1328275

RT A	Compound A	Height A	Area A
6.333		1771750	1757651
6.378		128535	117639
6.533		477209	486056
6.68	DCB	3989847	3816758
6.804		1516	785
6.954		750	1803
7.123		935	1343
7.262		1259	678
7.388		1129	1758
7.543		1448	691
7.571		1226	1033
7.622		1331	621
7.651		1644	502
7.924		1713	338
7.992		1550	1289
8.009		1186	808
8.033		2127	1064
8.189		1718	1417
8.251		1306	441
8.373		1773	927
8.41		1571	598
8.448		1740	385
8.472		1738	1523
8.544		960	289
8.565		1682	832
8.597		803	392
8.634		1335	570
8.657		1293	381

LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 2:08:16 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: 07pcbs17250009B.0043.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

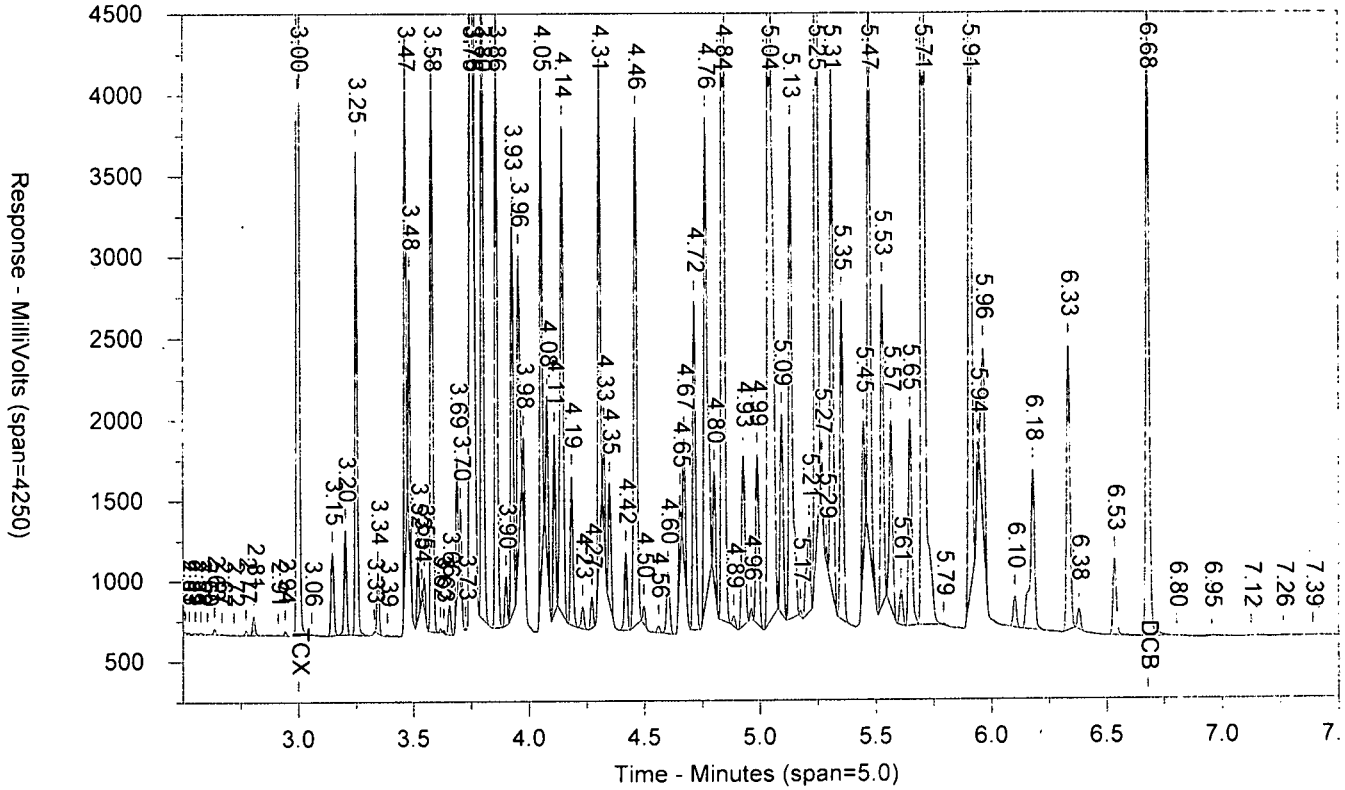
RT B	Compound B	Height B	Area A
1.508		12532	5789
1.529		7229	5757
1.563		34236	55838
1.59		31760	46835
1.623		24098	20449
1.646		8869	6114
1.663		17549	16003
1.692		18502	24886
1.722		6606	5142
1.747		5133	3014
1.775		14987	12561
1.794		32643	37339
1.843		15743	15687
1.862		31465	24080
1.885		13652	8828
1.91		835191	595472
1.966		49174	59096
2.026		58503	60523
2.07		10345	9268
2.092		16538	10469
2.151		1071944	635976
2.221		9891	6135
2.237		12838	7003
2.27		9001	9221
2.304		4447	2649
2.319		2976	1176
2.336		37745	32603
2.39		3668	4098
2.428		31322	20624
2.47		118393	76156
2.497		6185	3488
2.553		2430	2251
2.589		3927	3277
2.607		7761	4342
2.626		34604	18145
2.652	TCX	12707930	7524304
2.695		270303	204599
2.771		23841	13822
2.8		5821	3568
2.823		614703	424727
2.869		44289	18320
2.883		616211	354679
2.935		3054938	1901143
2.986		20688	12849
3.008		4853	2391
3.046		422089	271555
3.142		3922955	3836859
3.194		482551	312013
3.215		240531	141824
3.24		317320	178473
3.264		3868274	2585200
3.301		150016	86769
3.347		967504	512726
3.362		575784	273042

3.389		7103	3109
3.412		1972015	995338
3.422		4483503	1902469
3.442		155710	52762
3.456		4060297	2681507
3.529		4382950	2693935
3.564		3032622	1819472
3.588		3243138	1749639
3.605		1003034	506599
3.691		3739131	2378655
3.713		1349045	734036
3.735		1261095	748994
3.765		830720	425834
3.782		2867537	1766524
3.825		1039725	742592
3.872		155317	137610
3.894		717700	429222
3.916		4119474	2603461
3.942		733986	444653
3.961		133214	62201
3.98		463467	296972
4.016		3207335	2207117
4.05		137655	79795
4.065		273237	164466
4.11		5298	2469
4.127		30654	20033
4.161		282400	286534
4.219		881256	636163
4.262		847856	511903
4.28		802659	385890
4.293		1999823	1132457
4.319		1242418	1254743
4.372		6830442	5193514
4.419		87706	83985
4.442		657417	433329
4.466		1527382	1090801
4.509		7983368	6145318
4.612		6425617	6136039
4.666		805990	659117
4.705		1799416	1464865
4.741		8039944	6637181
4.774		3744110	2565166
4.812		2694844	2020947
4.912		781175	552331
4.929		81725	39020
4.964		4739806	3628647
4.988		627880	408726
5.038		2297840	2099724
5.074		1209345	933350
5.103		844415	682948
5.136		326074	197174
5.158		10314280	8281277
5.199		197805	141248
5.231		374220	304147
5.35		102784	65098
5.373		1865047	1498224
5.417		6021830	6590886
5.574		171487	142149
5.619		133535	96315
5.642		133925	100252
5.69		941162	831384
5.798		1792727	1546173
5.83		92126	64883
5.998		481420	455321
6.157	DCB	4349210	3984947
6.888		1988	2381
7.11		1316	1438

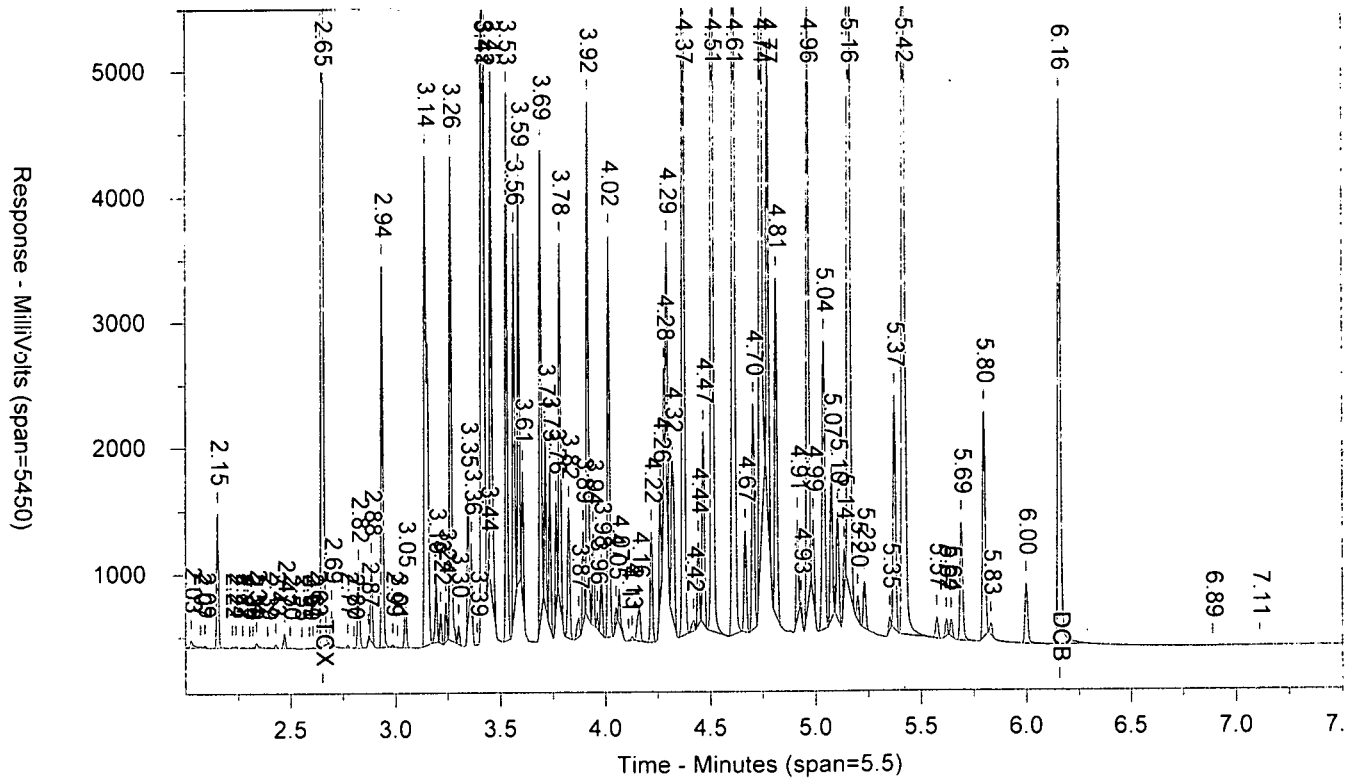
8.295	9293	15954

LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0043.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0043.RAW



LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 8082
Injected On: 9/19/2017 2:08:16 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

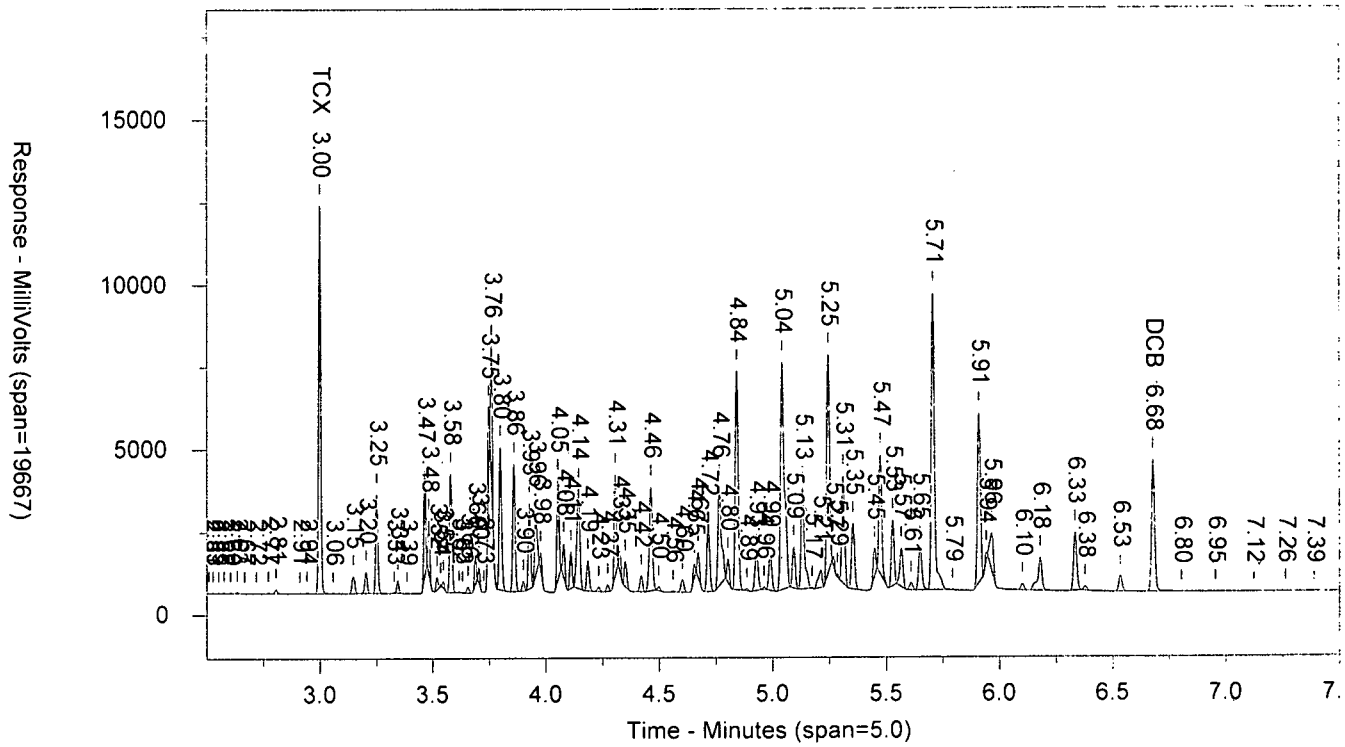
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	11772480	31.103	TCX	2.652	12707930	32.7	TCX
6.68	3989847	29.559	DCB	6.157	4349210	27.301	DCB

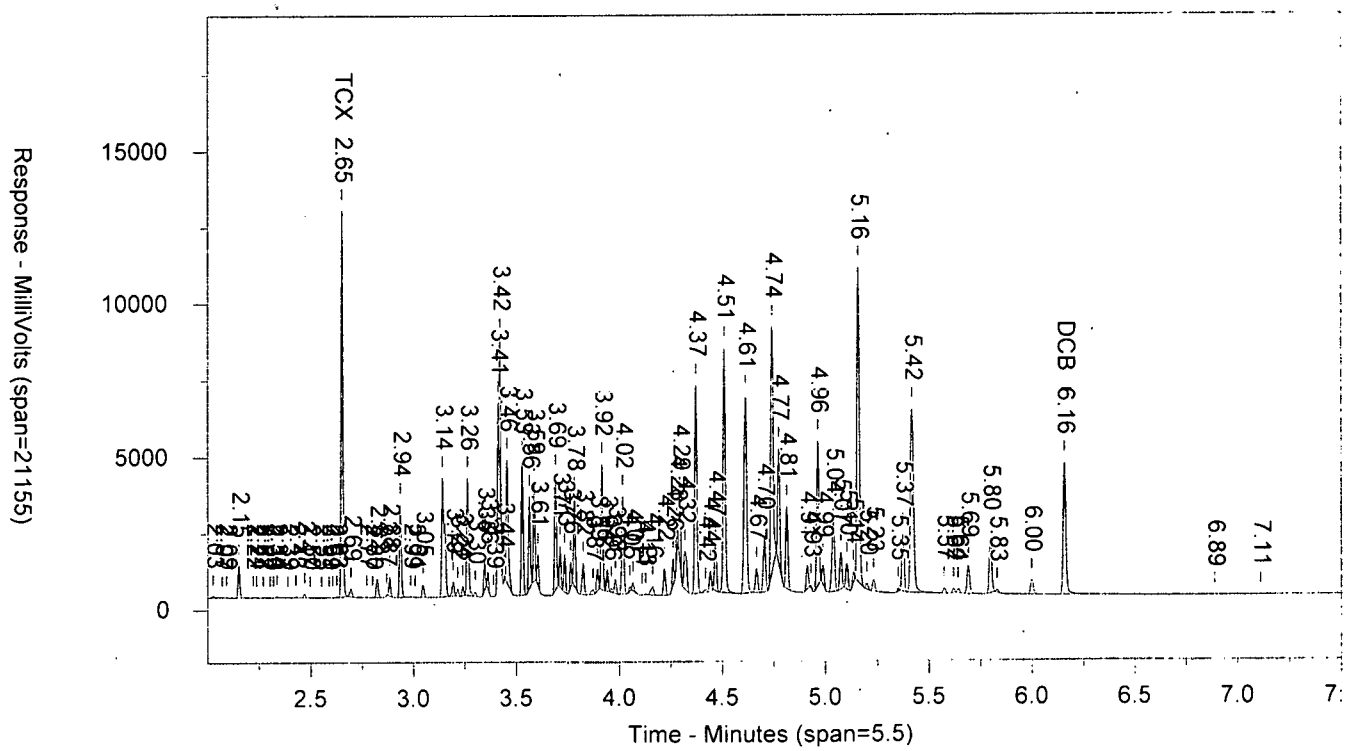
Files:
Area File: 07pcbs17250009.0043.RAW
Area File: 07pcbs17250009B.0043.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 2:16:59 AM
File Reported On: 9/19/2017 at 2:17:16 AM

LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 80

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0043.RAW

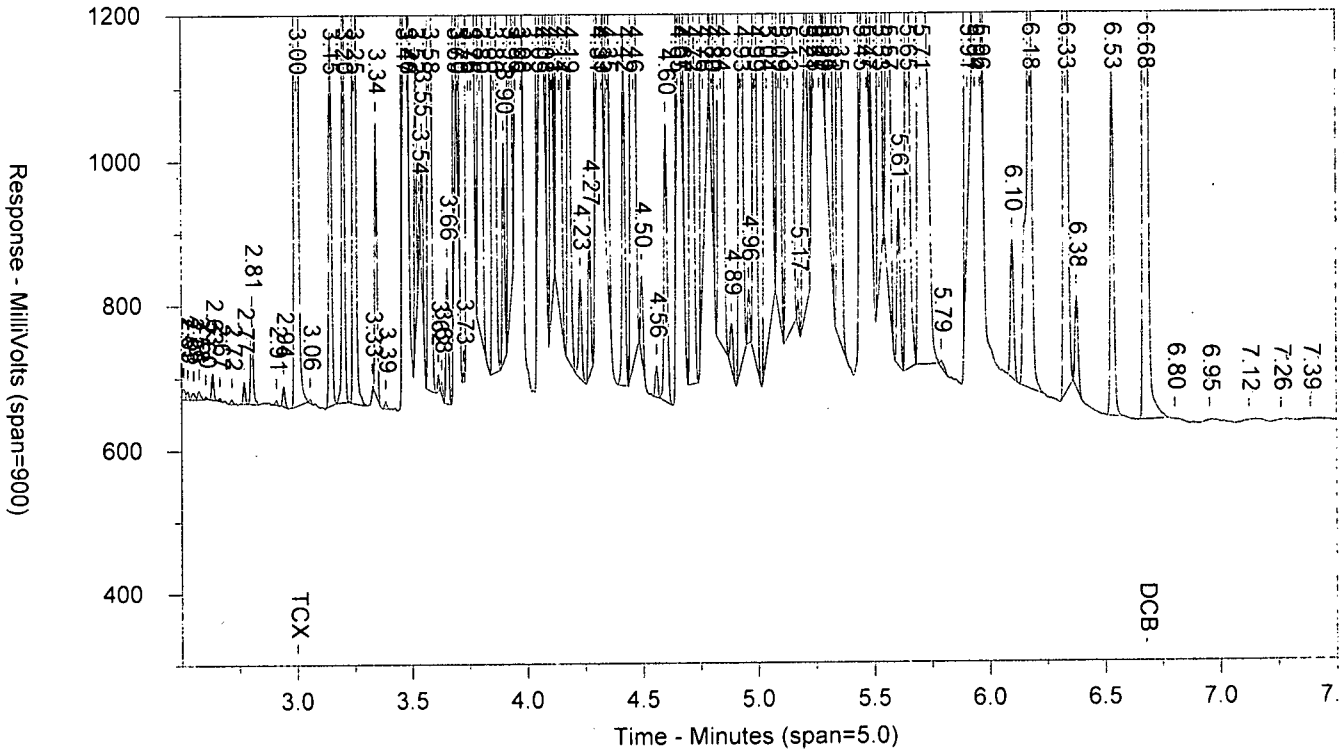


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0043.RAW

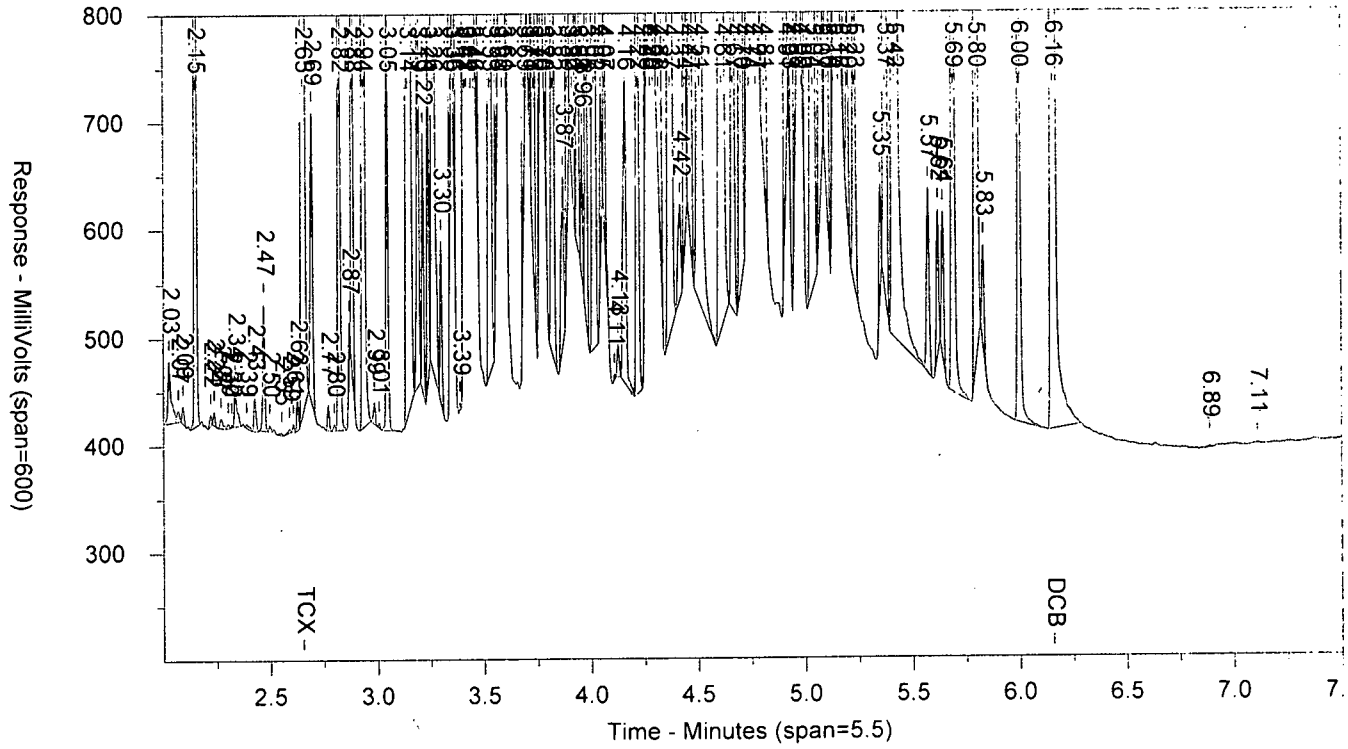


LCSA 9/14/17 ACF ABLCS40256 LCS 172560040A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0043.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0043.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK41256 BLK Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 23:39:35
Instrument	19843A
Result file	07PCBS17250009.0030.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 105% (61 - 152) Conc: 32.22614
%SSR(DCB) 110% (48 - 164) Conc: 29.87342

Analysis Report (B)

Injected on	Sep 18, 2017 23:39:35
Instrument	19843B
Result file	07PCBS17250009B.0030.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 105% (61 - 152) Conc: 32.19202
%SSR(DCB) 107% (48 - 164) Conc: 29.16917

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	12197690	32.22614	Tetrachloro-m-xylene	2.62	2.65	2.68	12510540	32.19202
Decachlorobiphenyl	6.65	6.68	6.71	4032280	29.87342	Decachlorobiphenyl	6.13	6.16	6.19	4646771	29.16917

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	A	32.22614				0.11	
Tetrachloro-m-xylene-D1	A	32.22614					
Tetrachloro-m-xylene-D2	B	32.19202					
Decachlorobiphenyl	A	29.87342				2.39	
Decachlorobiphenyl-D1	A	29.87342					
Decachlorobiphenyl-D2	B	29.16917					

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 9/19/2017 14:23:06

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK41256 Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 23:39:35
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0030.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 105% (61-152) Conc.: 32.22614
%SSR(DCB) : 110% (48-164) Conc.: 29.87342

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	10.28	
3.23	3.26	3.27	2932.917	0.44612			1
3.78	3.79	3.82	5025.006	0.545163			5
3.91	3.91	3.95	2710.572	0.479411			6
Height Summation:			10668.495				
Amount Avg CF:			0.490231	Linear:			
Aroclor-1221					3	159.88	
3.13	3.15	3.17	5167.478	1.697649			1
3.18	3.20	3.22	104529	37.542454			2
3.23	3.26	3.27	2932.917	0.345843			3
Height Summation:			112629.395				
Amount Avg CF:			13.195315	Linear:			
Aroclor-1232					3	50.00	
3.23	3.26	3.27	2932.917	0.380265			1
3.78	3.79	3.82	5025.006	1.112297			5
3.91	3.91	3.95	2710.572	1.191875			6
Height Summation:			10668.495				
Amount Avg CF:			0.894813	Linear:			
Aroclor-1242					3	8.53	
3.23	3.26	3.27	2932.917	0.333184			1
3.78	3.79	3.82	5025.006	0.39412			5
3.91	3.91	3.95	2710.572	0.37666			6
Height Summation:			10668.495				
Amount Avg CF:			0.367988	Linear:			
Aroclor-1248					5	92.92	
3.78	3.79	3.82	5025.006	1.1059			1
3.84	3.86	3.88	1011.163	0.209192			2
+ 3.84	3.87	3.88	1004.035	0.207717			2
3.91	3.91	3.95	2710.572	0.336782			3
4.12	4.14	4.16	1117.339	0.142004			5
+ 4.30	4.31	4.34	2201.533	0.261946			6
4.30	4.33	4.34	2602.695	0.309678			6
Height Summation:			12466.775				
Amount Avg CF:			0.420711	Linear:			
Aroclor-1254					6	74.20	
4.29	4.31	4.32	2201.533	0.242931			1
4.63	4.64	4.67	1700.731	0.176957			2
4.69	4.71	4.73	3995.748	0.196518			3
4.91	4.93	4.95	3074.514	0.247362			4
5.11	5.12	5.15	1272.773	0.17897			5
5.23	5.25	5.27	6957.745	0.744762			6
Height Summation:			19203.044				
Amount Avg CF:			0.297917	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 23:39:35
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0030.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 105% (61-152) Conc.: 32.19202
%SSR(DCB) : 107% (48-164) Conc.: 29.16917

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					6	166.08	
2.92	2.94	2.96	5620.585	0.835693			1
3.12	3.14	3.16	1946.842	0.227604			2
3.25	3.28	3.29	43011.84	5.087332			3
* 3.40	3.44	3.44	2289.995	0.252718			4
* 3.44	3.44	3.48	2289.995	0.269069			5
3.57	3.59	3.61	2233.783	0.318649			6
Height Summation:			57393.04				
Amount Avg CF:			1.165178	Linear:			
Aroclor-1221					3	164.66	
2.80	2.82	2.84	3159.72	0.862525			1
2.86	2.87	2.90	100307.3	43.652275			2
2.92	2.94	2.96	5620.585	0.622258			3
Height Summation:			109087.605				
Amount Avg CF:			15.045686	Linear:			
Aroclor-1232					6	179.04	
2.92	2.94	2.96	5620.585	0.683075			1
3.12	3.14	3.16	1946.842	0.450801			2
3.25	3.28	3.29	43011.84	10.297307			3
* 3.44	3.44	3.48	2289.995	0.539265			5
* 3.40	3.44	3.44	2289.995	0.549157			4
3.57	3.59	3.61	2233.783	0.757901			6
Height Summation:			57393.04				
Amount Avg CF:			2.212918	Linear:			
Aroclor-1242					6	164.80	
2.92	2.94	2.96	5620.585	0.604316			1
3.12	3.14	3.16	1946.842	0.257755			2
3.25	3.28	3.29	43011.84	3.892057			3
* 3.44	3.44	3.48	2289.995	0.194398			5
* 3.40	3.44	3.44	2289.995	0.174046			4
3.57	3.59	3.61	2233.783	0.252082			6
Height Summation:			57393.04				
Amount Avg CF:			0.895776	Linear:			
Aroclor-1248					4	34.80	
3.44	3.44	3.48	2289.995	0.58748			1
3.55	3.55	3.59	3145.188	0.341804			3
3.76	3.80	3.80	2886.619	0.37733			5
3.90	3.91	3.94	3900.319	0.26802			6
Height Summation:			12222.121				
Amount Avg CF:			0.393659	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK41256Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 23:39:35
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0030.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260					**6**	**45.93**	
4.82	4.84	4.86	3558.63	0.244506			1
5.02	5.04	5.06	6293.367	0.440513			2
5.23	5.25	5.27	6957.745	0.513253			3
5.45	5.47	5.49	2441.279	0.310984			4
5.69	5.71	5.73	7440.302	0.387023			5
5.89	5.91	5.93	10515.86	0.83644			6
Height Summation:			**37207.183**				
Amount Avg CF:			**0.455453**	Linear:			
Aroclor-1262					**6**	**48.89**	
5.29	5.31	5.33	2582.374	0.221725			1
5.45	5.47	5.49	2441.279	0.235787			2
5.69	5.71	5.73	7440.302	0.327504			3
5.89	5.91	5.93	10515.86	0.678183			4
5.95	5.96	5.99	2253.639	0.288854			5
6.31	6.33	6.35	3896.098	0.556912			6
Height Summation:			**29129.552**				
Amount Avg CF:			**0.384827**	Linear:			
Aroclor-1268					**6**	**172.92**	
5.89	5.91	5.93	10515.86	0.378051			1
5.95	5.96	5.99	2253.639	0.093694			2
6.08	6.10	6.12	107737.7	4.667389			3
6.14	6.16	6.18	123347.4	20.352736			4
6.31	6.33	6.35	3896.098	0.547721			5
6.51	6.53	6.55	65977.58	1.409213			6
Height Summation:			**313728.277**				
Amount Avg CF:			**4.574801**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 23:39:35
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0030.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**5**	**51.15**	
4.26	4.28	4.30	6357.367	0.311551			2
4.35	4.37	4.39	7054.571	0.73601			3
4.42	4.44	4.46	3068.485	0.243456			4
4.64	4.67	4.68	2329.793	0.262557			5
4.72	4.74	4.76	7849.093	0.558285			6
Height Summation:			**26659.309**				
Amount Avg CF:			**0.422372**	Linear:			
Aroclor-1260					**6**	**17.57**	
4.35	4.37	4.39	7054.571	0.473352			1
4.49	4.51	4.53	7251.639	0.424167			2
4.60	4.61	4.64	4980.168	0.36026			3
4.72	4.74	4.76	7849.093	0.47052			4
5.14	5.16	5.18	10327.32	0.479498			5
5.40	5.41	5.44	3823.263	0.29976			6
Height Summation:			**41286.054**				
Amount Avg CF:			**0.417926**	Linear:			
Aroclor-1262					**5**	**40.15**	
4.95	4.96	4.99	4844.424	0.319158			2
5.14	5.16	5.18	10327.32	0.368743			3
5.36	5.37	5.40	2636.32	0.260263			4
5.40	5.41	5.44	3823.263	0.223758			5
5.78	5.80	5.82	4260.874	0.582659			6
Height Summation:			**25892.201**				
Amount Avg CF:			**0.350916**	Linear:			
Aroclor-1268					**6**	**175.97**	
5.36	5.37	5.40	2636.32	0.090839			1
5.40	5.41	5.44	3823.263	0.137399			2
5.56	5.57	5.60	89990.14	3.868232			3
5.62	5.64	5.66	99631.76	17.592949			4
5.78	5.80	5.82	4260.874	0.534261			5
5.98	6.00	6.02	63290.87	1.153144			6
Height Summation:			**263633.227**				
Amount Avg CF:			**3.896137**	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		** 81.54	4	40	
Aroclor-1221			51	15.3		13.10	3	40	
Aroclor-1232			51	12.3		** 84.83	4	40	
Aroclor-1242			51	12.3		** 83.53	4	40	
Aroclor-1248			51	9.9		6.64	4	40	
Aroclor-1254			51	13.2		34.56	4	40	
Aroclor-1260			51	11.7		8.59	4	40	
Aroclor-1262			51	9.9		9.22	4	40	
Aroclor-1268			51	9.9		16.02	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:39:35 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: 07pcbs17250009.0030.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.504		14092	6697
1.536		32987	37596
1.566		7470	4567
1.592		51177	61791
1.659		103416	231486
1.699		69438	85010
1.72		33927	24052
1.742		66445	73185
1.766		32912	37201
1.799		103763	127343
1.822		75440	78092
1.855		40904	53248
1.872		32222	34688
1.907		31821	38029
1.943		31602	25722
1.973		16818	21141
1.998		13360	7445
2.028		19449	14250
2.045		3857	1542
2.062		5981	2710
2.09		7661	4117
2.106		19606	21303
2.154		34618	45292
2.176		33663	28588
2.201		513109	357476
2.234		27544	19510
2.253		17784	13809
2.267		27714	18593
2.294		37183	25000
2.355		6912	4403
2.39		29127	16143
2.434		15554	15225
2.46		371497	248257
2.509		17544	17843
2.527		17942	10628
2.549		15709	17123
2.576		9635	10125
2.606		4215	2614
2.669		5186	5226
2.685		4324	3036
2.716		8243	6551
2.754		3881	2209
2.771		20023	13199
2.804		77431	56834
2.864		1629	1002
2.942		11507	8212
2.998	TCX	12197690	7805335
3.08		3728	1745
3.146		5167	3403
3.196		104529	77961
3.255		2933	2033
3.327		28976	21203
3.555		13401	10467

RT A	Compound A	Height A	Area A
3.658		20847	16218
3.726		11231	10140
3.788		5025	3586
3.825		2426	2669
3.855		1011	297
3.867		1004	202
3.901		1197	752
3.915		2711	2311
3.951		3551	3757
3.989		1754	1099
4.107		2004	908
4.139		1117	572
4.163		1899	1205
4.247		9134	7346
4.285		2006	1425
4.306		2202	978
4.327		2603	2022
4.357		6401	6457
4.389		1732	536
4.457		1954	1406
4.637		1701	660
4.713		3996	2760
4.84		3559	2392
4.928		3075	4033
4.965		9413	7745
5.039		6293	6807
5.125		1273	1101
5.205		19678	18645
5.245		6958	6090
5.288		1463	486
5.312		2582	1600
5.473		2441	2156
5.504		1583	520
5.608		15955	14824
5.646		1956	1239
5.706		7440	5041
5.73		42424	37470
5.802		1203	326
5.847		886	659
5.874		1675	775
5.909		10516	8851
5.956		2254	1130
6.018		2563	3527
6.046		1831	1702
6.099		107738	104419
6.163		123347	134840
6.269		1672	1734
6.293		964	404
6.331		3896	3670
6.412		2781	1589
6.532		65978	62214
6.595		1501	434
6.678	DCB	4032280	3950518
6.931		1054	835
7.067		1684	505
7.08		1249	413
7.236		1509	438
7.285		1382	518
7.333		1521	773
7.356		1299	832
7.512		1362	313
7.658		1464	970
7.694		1855	682
7.864		1245	638
7.932		1552	663
7.979		1492	1030

RT A	Compound A	Height A	Area A
8.047		1391	576
8.143		1472	644
8.221		1744	611
8.26		1556	327
8.421		1257	319
8.606		1352	606

LANCASTER LABORATORIES

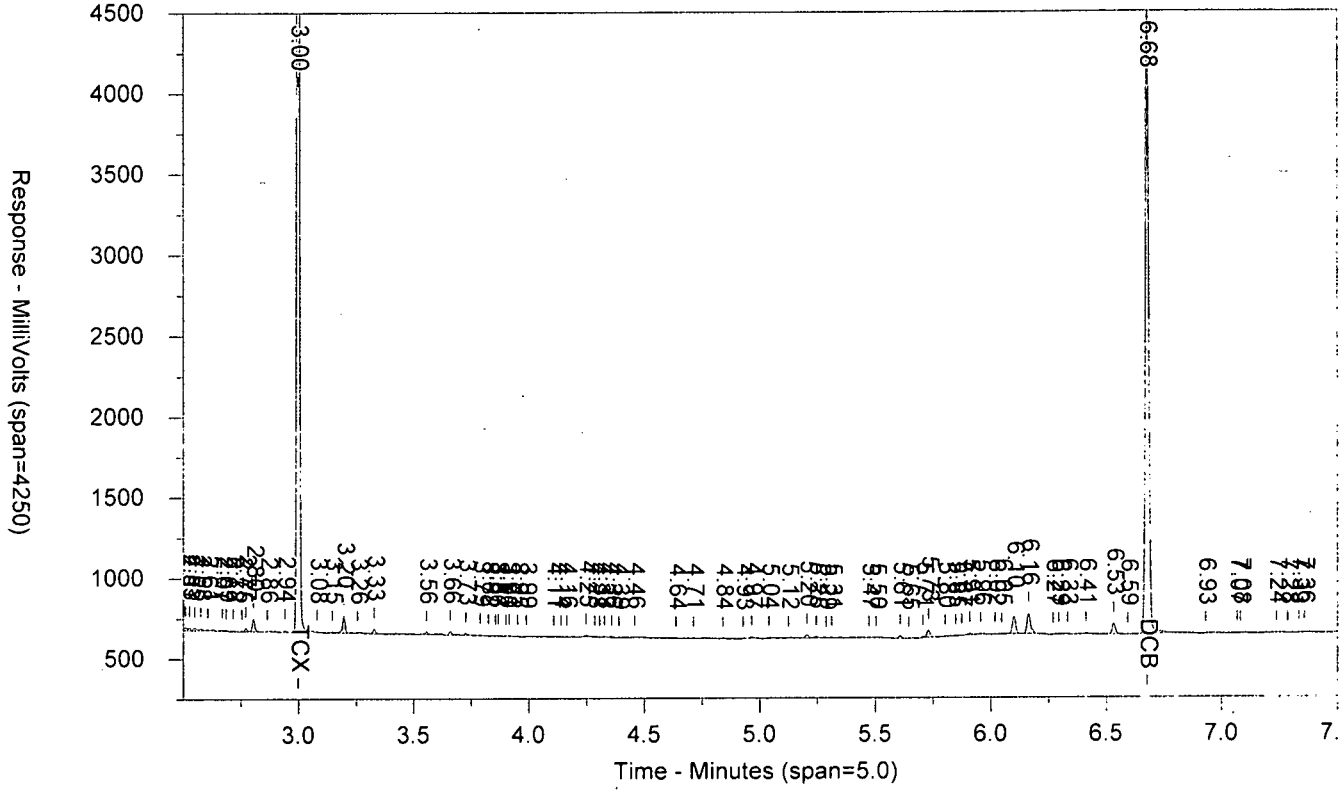
Sample Number: BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:39:35 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0030.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.508		23708	15454
1.564		57832	112476
1.59		51119	67876
1.623		38307	31136
1.646		13350	11320
1.664		22314	18819
1.694		25227	34566
1.722		11253	7101
1.747		8690	5199
1.796		31933	61628
1.843		21413	20091
1.862		21684	16958
1.884		14855	11389
1.91		533863	406090
1.965		58490	78855
2.027		38848	55098
2.071		13595	11696
2.091		16653	10170
2.151		391646	238857
2.178		7407	3670
2.222		16057	10107
2.238		4940	2285
2.271		11146	10350
2.302		3291	1995
2.321		4229	3841
2.35		9175	6766
2.371		4870	2880
2.389		4129	1870
2.428		19858	13846
2.47		75499	48342
2.497		5540	3383
2.518		6026	3882
2.552		2393	1229
2.591		5609	10294
2.626		17814	9860
2.652	TCX	12510550	7597259
2.771		15860	8745
2.816		3160	3711
2.869		100307	63382
2.937		5621	3219
2.958		6649	3622
2.986		22555	17335
3.029		3071	1802
3.143		1947	1890
3.182		9219	7182
3.22		16946	14176
3.281		43012	25314
3.309		2769	2342
3.357		32529	22470
3.399		10114	11095
3.443		2290	1196
3.551		3145	1673
3.593		2234	3177
3.714		4068	2980

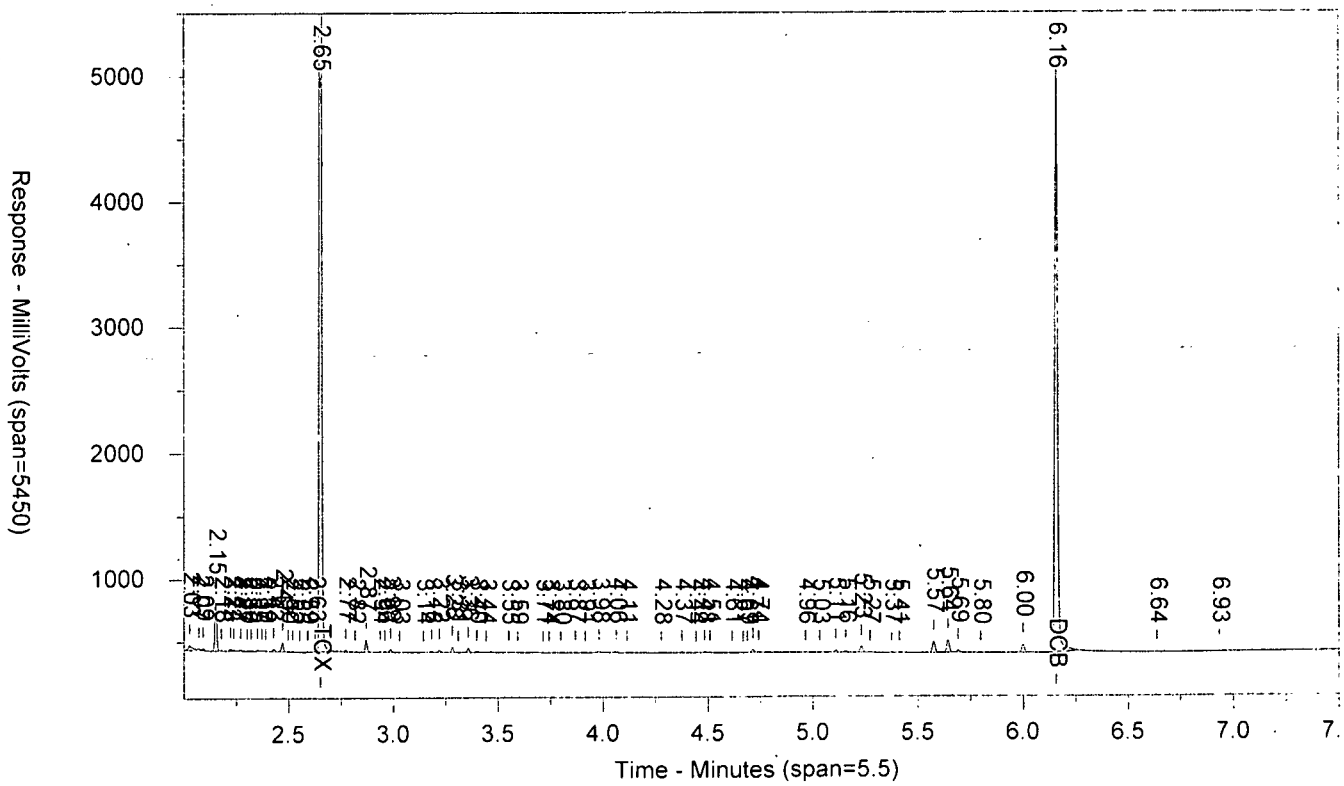
3.743		3785	3608
3.798		2887	4266
3.868		7548	5388
3.914		3900	5675
3.981		12931	12660
4.063		10836	12066
4.113		4600	5892
4.277		6357	13091
4.375		7055	6560
4.443		3068	2654
4.483		9587	6786
4.509		7252	5451
4.613		4980	6863
4.667		2330	1387
4.687		2175	1194
4.714		22522	16117
4.741		7849	7272
4.964		4844	3830
5.033		4418	5105
5.109		16634	13577
5.157		10327	9206
5.231		48515	41149
5.272		5244	4807
5.374		2636	1742
5.411		3823	4288
5.574		89990	77679
5.642		99632	85331
5.69		16101	14373
5.798		4261	3721
5.998		63291	55163
6.157	DCB	4646771	4154116
6.638		2440	2394
6.933		1462	2416
8.293		8559	14616

BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0030.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0030.RAW



LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:39:35 PM 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

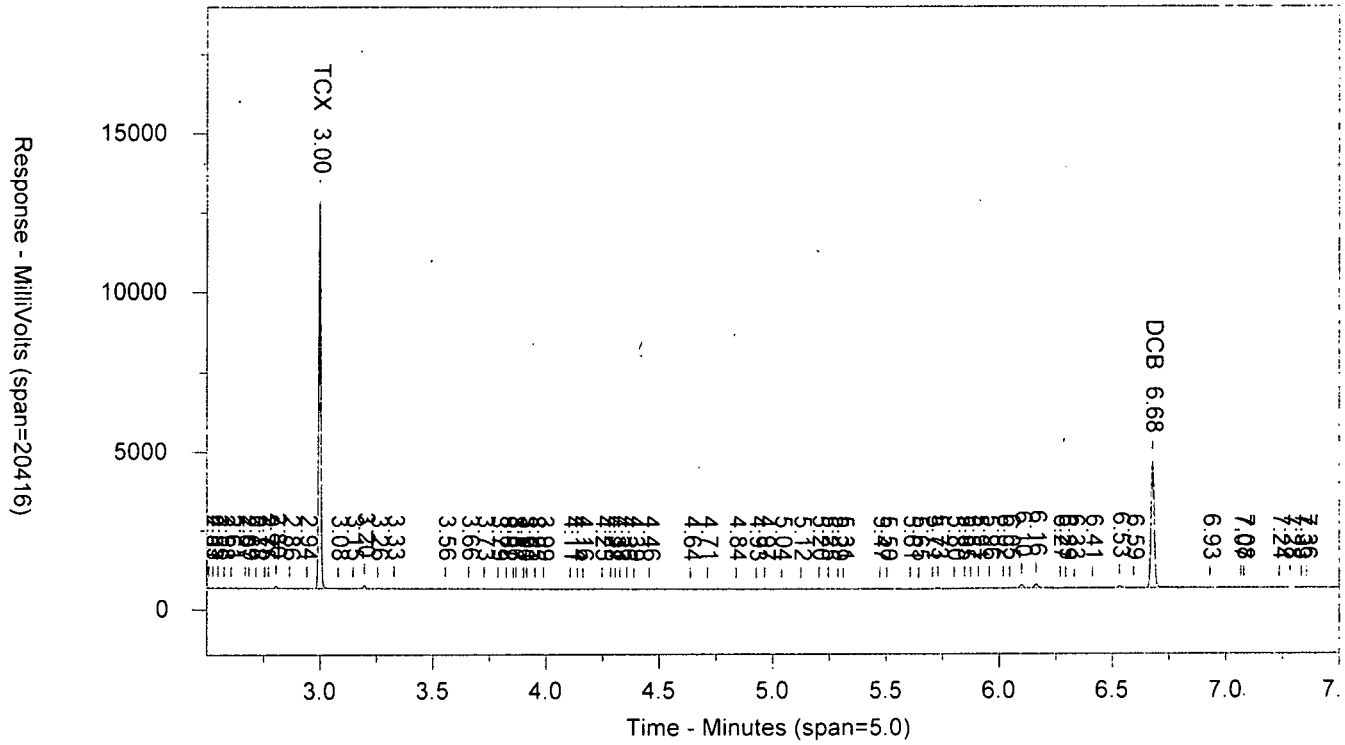
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.998	12197690	32.226	TCX	2.652	12510550	32.192	TCX
6.678	4032280	29.873	DCB	6.157	4646771	29.169	DCB

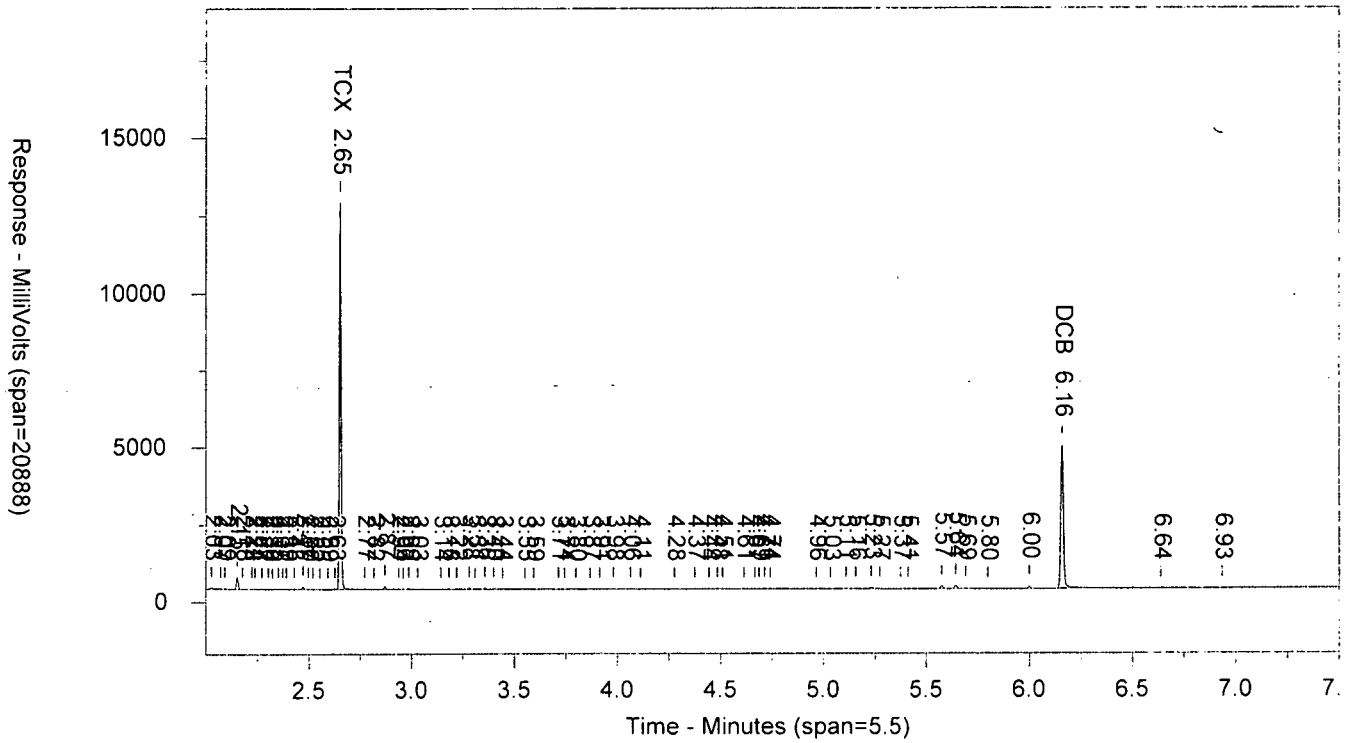
Files:
Area File: 07pcbs17250009.0030.RAW
Area File: 07pcbs17250009B.0030.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:48:16 PM
File Reported On: 9/18/2017 at 11:48:26 PM

BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0030.RAW

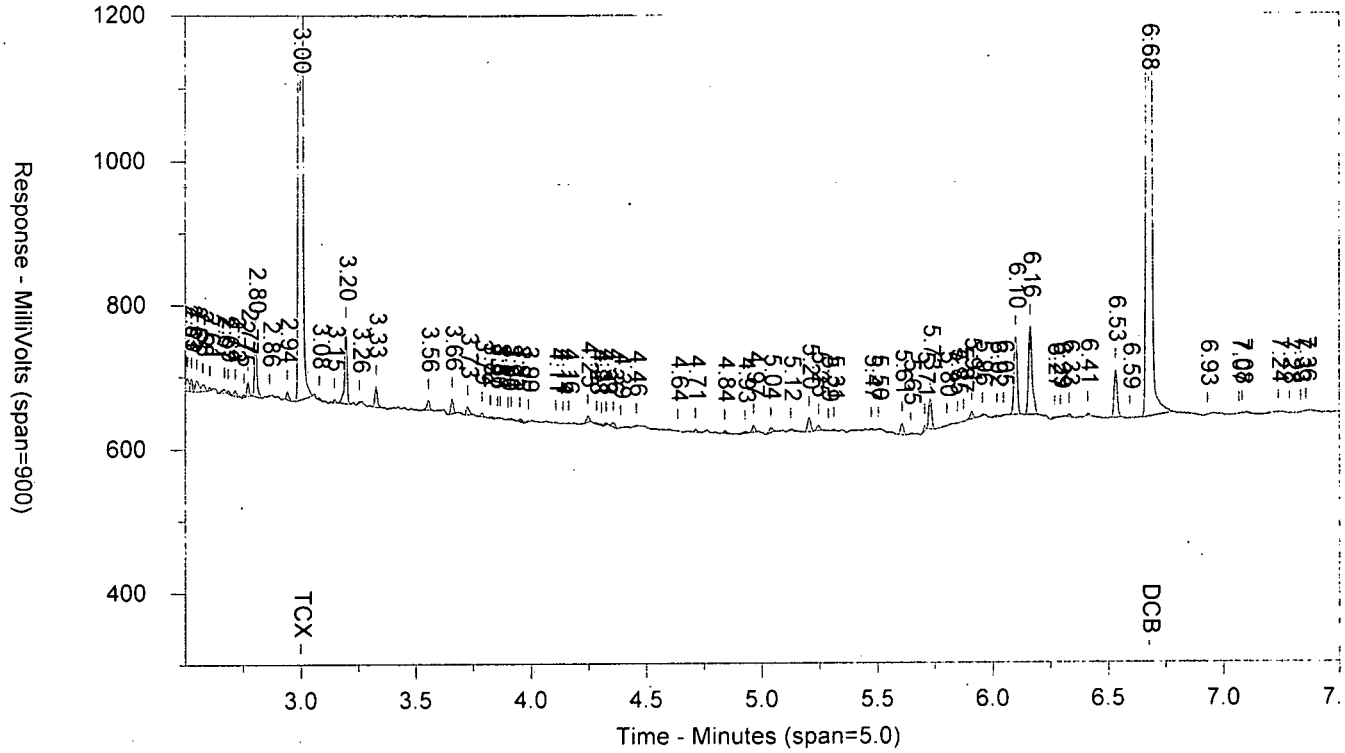


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0030.RAW

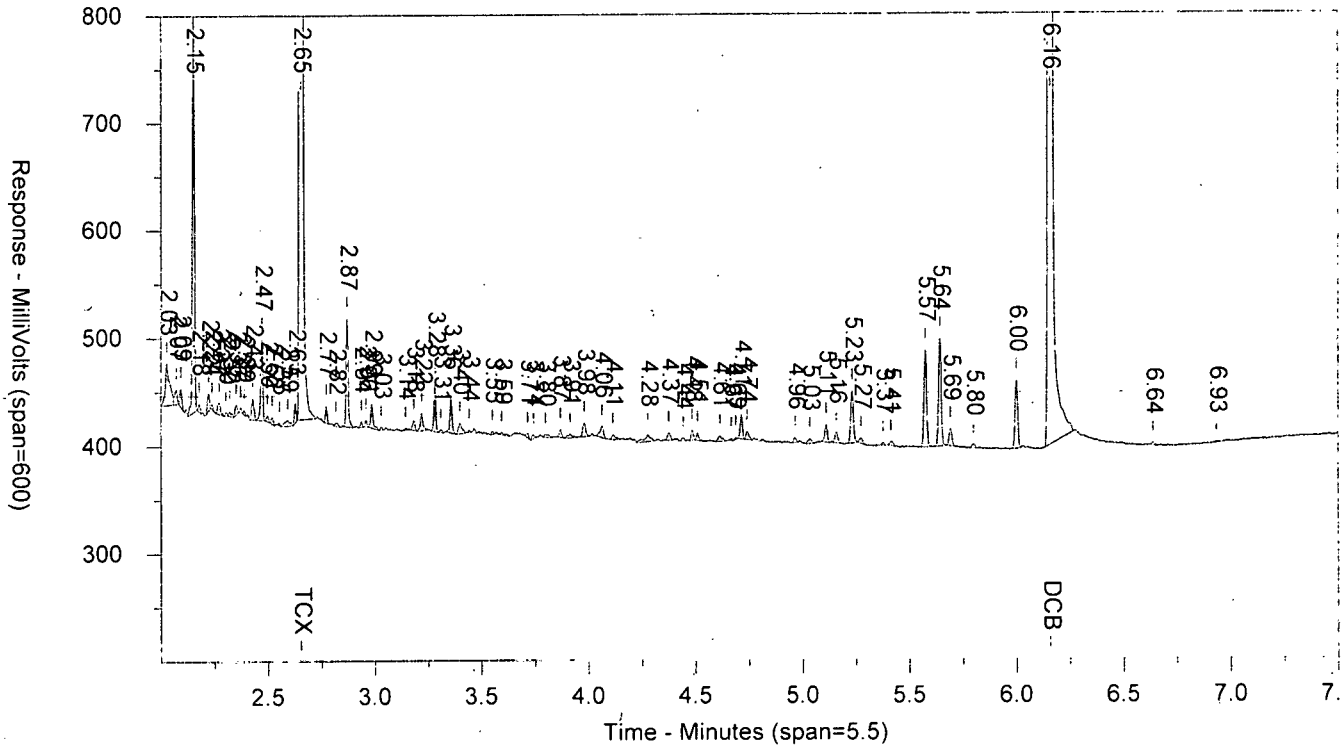


BLANKA 9/14/17 ACF ABPBLK41256 BLK 172560041A 10225 SW-846 8

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0030.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0030.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202692 MS ACF DF100 -128W MS Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.31 g Total Volume: 1000 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:13:53
Instrument	19843A
Result file	07PCBS17250009.0033.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 106% (61 - 152) Conc: 31.34707
%SSR(DCB) 159% (48 - 164) Conc: 41.8603

Analysis Report (B)

Injected on	Sep 19, 2017 00:13:53
Instrument	19843B
Result file	07PCBS17250009B.0033.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 112% (61 - 152) Conc: 33.10992
%SSR(DCB) 150% (48 - 164) Conc: 39.48527

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	122328	31.34707
Decachlorobiphenyl	6.65	6.68	6.71	58254	41.8603

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	132661	33.10992
Decachlorobiphenyl	6.13	6.16	6.19	64852	39.48527

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	33.10992				5.47	
Tetrachloro-m-xylene-D1	A	31.34707					
Tetrachloro-m-xylene-D2	B	33.10992					
Decachlorobiphenyl	A	41.8603				5.84	
Decachlorobiphenyl-D1	A	41.8603					
Decachlorobiphenyl-D2	B	39.48527					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.83**	
4.82	4.84	4.86	3439064	22918.598808			1
5.02	5.04	5.06	3824306	25963.854282			2
5.23	5.24	5.27	3640766	26049.367136			3
5.45	5.47	5.49	1921036	23735.421179			4
5.69	5.71	5.73	5143240	25949.226833			5
5.89	5.91	5.93	3054959	23568.748531			6

Height summation: **21023371**
Concentration CF: **24697.536128** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.73**	
4.35	4.37	4.39	3639550	23686.584802			1
4.49	4.51	4.53	4368478	24784.074197			2
4.60	4.61	4.64	3085264	21647.388003			3
4.72	4.74	4.76	4269756	24825.775225			4
5.14	5.16	5.18	5666446	25518.257695			5
5.40	5.42	5.44	3261246	24800.721718			6

Height summation: **24290740**
Concentration CF: **24210.46694** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016			<4946.654	<960.2328			4	
PCB-1221			<4946.654	<1483.9962			3	
PCB-1232			<4946.654	<1193.0165			4	
PCB-1242			<4946.654	<1193.0165			4	
PCB-1248			<4946.654	<960.2328			4	
PCB-1254			<4946.654	<1280.3104			4	
PCB-1260	B	24210.46694	4946.654	1134.8206		1.99	4	
PCB-1262			<4946.654	<960.2328			4	
PCB-1268			<4946.654	<960.2328			4	
Total PCBs	A	24210.46694	4946.654	960.2328				

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 9/19/2017 14:23:12

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202692** MS ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.31 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0033.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 106% (61-152) Conc.: 31.34707
%SSR(DCB) : 159% (48-164) Conc.: 41.8603

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**82.22**	
3.23	3.25	3.27	45309.42	668.469917			1
3.45	3.47	3.49	47687.42	687.340404			2
+ 3.45	3.48	3.49	29838.59	430.077126			2
3.56	3.58	3.60	33368.81	403.456798			3
+ 3.74	3.75	3.78	31748.29	392.078716			4
3.74	3.76	3.78	62748.22	774.915485			4
3.78	3.80	3.82	87707.64	922.930264			5
3.91	3.93	3.95	158793.8	2724.092485			6
Height Summation:			**435615.31**				
Amount Avg CF:			**1030.200892**	Linear:			
Aroclor-1221					**3**	**38.32**	
+ 3.13	3.15	3.17	6190.128	197.246883			1
3.13	3.16	3.17	7673.565	244.516232			1
+ 3.18	3.19	3.22	10083.93	351.282912			2
3.18	3.21	3.22	15753.04	548.771536			2
3.23	3.25	3.27	45309.42	518.214327			3
Height Summation:			**68736.025**				
Amount Avg CF:			**437.167365**	Linear:			
Aroclor-1232					**6**	**104.54**	
3.23	3.25	3.27	45309.42	569.791536			1
3.45	3.47	3.49	47687.42	1436.141351			2
+ 3.45	3.48	3.49	29838.59	898.610849			2
3.56	3.58	3.60	33368.81	838.669153			3
+ 3.74	3.75	3.78	31748.29	850.616818			4
3.74	3.76	3.78	62748.22	1681.183184			4
3.78	3.80	3.82	87707.64	1883.055442			5
3.91	3.93	3.95	158793.8	6772.434482			6
Height Summation:			**435615.31**				
Amount Avg CF:			**2196.879191**	Linear:			
Aroclor-1242					**6**	**87.28**	
3.23	3.25	3.27	45309.42	499.245811			1
3.45	3.47	3.49	47687.42	522.675118			2
+ 3.45	3.48	3.49	29838.59	327.044083			2
3.56	3.58	3.60	33368.81	306.830371			3
+ 3.74	3.75	3.78	31748.29	264.938413			4
3.74	3.76	3.78	62748.22	523.631787			4
3.78	3.80	3.82	87707.64	667.222925			5
3.91	3.93	3.95	158793.8	2140.245064			6
Height Summation:			**435615.31**				
Amount Avg CF:			**776.641846**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0033.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 112% (61-152) Conc.: 33.10992
%SSR(DCB) : 150% (48-164) Conc.: 39.48527

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**78.51**	
+ 2.92	2.94	2.96	30324.62	437.322681			1
2.92	2.95	2.96	51242.03	738.98047			1
3.12	3.14	3.16	68492.45	776.662376			2
3.25	3.26	3.29	75474.98	865.857441			3
+ 3.40	3.41	3.44	30603.42	327.577233			4
3.40	3.42	3.44	71838.09	768.950748			4
+* 3.40	3.44	3.44	45934.96	491.685147			4
+* 3.44	3.44	3.48	45934.96	523.496181			5
+ 3.44	3.46	3.48	33047.13	376.620473			5
3.44	3.47	3.48	62239.54	709.310762			5
+ 3.57	3.59	3.61	207292.7	2868.121071			6
3.57	3.60	3.61	213283.5	2951.010336			6
Height Summation:			**542570.59**				
Amount Avg CF:			**1135.128689**	Linear:			
Aroclor-1221					**3**	**29.65**	
2.80	2.82	2.84	11325.97	299.874621			1
2.86	2.88	2.90	9883.977	417.202982			2
+ 2.92	2.94	2.96	30324.62	325.630944			3
2.92	2.95	2.96	51242.03	550.245662			3
Height Summation:			**72451.977**				
Amount Avg CF:			**422.441088**	Linear:			
Aroclor-1232					**6**	**99.89**	
+ 2.92	2.94	2.96	30324.62	357.4569			1
2.92	2.95	2.96	51242.03	604.024625			1
3.12	3.14	3.16	68492.45	1538.291461			2
3.25	3.26	3.29	75474.98	1752.588549			3
+ 3.40	3.41	3.44	30603.42	711.824883			4
3.40	3.42	3.44	71838.09	1670.928936			4
+* 3.40	3.44	3.44	45934.96	1068.43116			4
+* 3.44	3.44	3.48	45934.96	1049.185979			5
+ 3.44	3.46	3.48	33047.13	754.819106			5
3.44	3.47	3.48	62239.54	1421.593765			5
+ 3.57	3.59	3.61	207292.7	6821.766825			6
3.57	3.60	3.61	213283.5	7018.917234			6
Height Summation:			**542570.59**				
Amount Avg CF:			**2334.390762**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202692** MS ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.31 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0033.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	129.59	
3.78	3.80	3.82	87707.64	1872.2257			1
3.84	3.86	3.88	73417.21	1473.205783			2
3.91	3.93	3.95	158793.8	1913.654116			3
4.03	4.05	4.07	75465.85	805.412917			4
4.12	4.14	4.16	104458.1	1287.654744			5
4.30	4.31	4.34	976773	11272.533652			6
Height Summation:			**1476615.6**				
Amount Avg CF:			**3104.114485**	Linear:			
Aroclor-1254					6	97.94	
4.29	4.31	4.32	976773	10454.238791			1
+ 4.63	4.65	4.67	129963.2	1311.575727			2
4.63	4.67	4.67	438868.6	4429.018392			2
4.69	4.72	4.73	990055	4722.866286			3
4.91	4.93	4.95	546663.3	4265.973729			4
5.11	5.13	5.15	1448803	19759.725987			5
5.23	5.24	5.27	3640766	37799.232896			6
Height Summation:			**8041928.9**				
Amount Avg CF:			**13571.84268**	Linear:			
Aroclor-1260					6	5.83	
4.82	4.84	4.86	3439064	22918.598808			1
5.02	5.04	5.06	3824306	25963.854282			2
5.23	5.24	5.27	3640766	26049.367136			3
5.45	5.47	5.49	1921036	23735.421179			4
5.69	5.71	5.73	5143240	25949.226833			5
5.89	5.91	5.93	3054959	23568.748531			6
Height Summation:			**21023371**				
Amount Avg CF:			**24697.536128**	Linear:			
Aroclor-1262					6	33.11	
5.29	5.31	5.33	1691113	14083.475443			1
5.45	5.47	5.49	1921036	17996.105779			2
E 5.69	5.71	5.73	5143240	21958.570766			3
5.89	5.91	5.93	3054959	19109.473714			4
5.95	5.96	5.99	559967.4	6961.436302			5
6.31	6.33	6.35	1048161	14532.019124			6
Height Summation:			**13418476.4**				
Amount Avg CF:			**15773.513521**	Linear:			
Aroclor-1268					6	97.83	
5.89	5.91	5.93	3054959	10652.531322			1
5.95	5.96	5.99	559967.4	2258.047746			2
6.08	6.10	6.12	42628.86	179.123018			3
+ 6.14	6.15	6.18	89917.23	1439.053852			4
6.14	6.18	6.18	543187.2	8693.279728			4
6.31	6.33	6.35	1048161	14292.194063			5
6.51	6.53	6.55	193633.8	401.146238			6
Height Summation:			**5442537.26**				
Amount Avg CF:			**6079.387019**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0033.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1242					6	78.35	
+ 2.92	2.94	2.96	30324.62	316.241745			1
2.92	2.95	2.96	51242.03	534.379953			1
3.12	3.14	3.16	68492.45	879.550569			2
3.25	3.26	3.29	75474.98	662.423136			3
+ 3.40	3.41	3.44	30603.42	225.600418			4
3.40	3.42	3.44	71838.09	529.571633			4
+* 3.44	3.44	3.48	45934.96	378.217161			5
+* 3.40	3.44	3.44	45934.96	338.620525			4
+ 3.44	3.46	3.48	33047.13	272.101939			5
3.44	3.47	3.48	62239.54	512.465062			5
+ 3.57	3.59	3.61	207292.7	2268.957874			6
3.57	3.60	3.61	213283.5	2334.531205			6
Height Summation:			**542570.59**				
Amount Avg CF:			**908.82026**	Linear:			
Aroclor-1248					6	104.11	
+ 3.44	3.44	3.48	45934.96	1142.99199			1
+ 3.44	3.46	3.48	33047.13	822.306254			1
3.44	3.47	3.48	62239.54	1548.696149			1
3.51	3.53	3.55	75391.45	1368.449799			2
3.55	3.56	3.59	158877	1674.685762			3
3.67	3.69	3.71	95660.65	838.650357			4
+ 3.76	3.77	3.80	32730.9	414.983573			5
3.76	3.78	3.80	76782.84	973.502631			5
3.90	3.91	3.94	1029878	6864.280092			6
Height Summation:			**1498829.48**				
Amount Avg CF:			**2211.377465**	Linear:			
Aroclor-1254					6	114.23	
4.20	4.22	4.24	338682.2	2846.455709			1
+ 4.26	4.26	4.30	433508.5	2060.583224			2
+ 4.26	4.28	4.30	312866.8	1487.140574			2
4.26	4.29	4.30	1024848	4871.379906			2
4.35	4.37	4.39	3639550	36830.057335			3
4.42	4.44	4.46	309986.1	2385.505759			4
4.64	4.67	4.68	422497.8	4618.190617			5
4.72	4.74	4.76	4269756	29456.485104			6
Height Summation:			**10005320.1**				
Amount Avg CF:			**13501.345738**	Linear:			
Aroclor-1260					6	5.73	
4.35	4.37	4.39	3639550	23686.584802			1
4.49	4.51	4.53	4368478	24784.074197			2
4.60	4.61	4.64	3085264	21647.388003			3
4.72	4.74	4.76	4269756	24825.775225			4
5.14	5.16	5.18	5666446	25518.257695			5
5.40	5.42	5.44	3261246	24800.721718			6
Height Summation:			**24290740**				
Amount Avg CF:			**24210.46694**	Linear:			

Acc

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202692** MS ACF DF100 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.31 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0033.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 00:13:53
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0033.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**29.54**	
4.76	4.77	4.80	1920954	11422.812411			1
4.95	4.96	4.99	2433871	15552.580404			2
E 5.14	5.16	5.18	5666446	19624.039138			3
5.36	5.37	5.40	884382.5	8468.277652			4
5.40	5.42	5.44	3261246	18512.690055			5
5.78	5.80	5.82	990744.4	13140.707381			6

Height Summation: **15157643.9**
Amount Avg CF: **14453.51784** Linear:

Aroclor-1268					**6**	**124.16**	
5.36	5.37	5.40	884382.5	2955.680001			1
5.40	5.42	5.44	3261246	11367.702928			2
5.56	5.57	5.60	44865.71	187.056774			3
5.62	5.64	5.66	23327.07	399.523542			4
5.78	5.80	5.82	990744.4	12049.191595			5
5.98	6.00	6.02	183805.5	324.819751			6

Height Summation: **5388371.18**
Amount Avg CF: **4547.329098** Linear:

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			4946.6534	960.2327		9.69	4	40	
Aroclor-1221			4946.6534	1483.996		3.43	3	40	
Aroclor-1232			4946.6534	1193.0164		6.07	4	40	
Aroclor-1242			4946.6534	1193.0164		15.68	4	40	
Aroclor-1248			4946.6534	960.2327		33.59	4	40	
Aroclor-1254			4946.6534	1280.3103		0.52	4	40	
Aroclor-1260			4946.6534	1134.8205		1.99	4	40	
Aroclor-1262			4946.6534	960.2327	E	8.73	4	40	
Aroclor-1268			4946.6534	960.2327		28.83	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:13:53 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: 07pcbs17250009.0033.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.502		5723	1665
1.582		3293	5673
1.641		88845	89436
1.698		23836	35944
1.719		20488	23196
1.747		20069	17782
1.772		6915	4375
1.797		24000	31886
1.817		20998	22024
1.846		12405	7128
1.875		9768	5419
1.894		17102	11861
1.92		12130	10018
1.944		8078	6369
1.986		16854	11100
2.004		20330	17593
2.03		14518	8622
2.052		22105	15657
2.07		34122	36950
2.093		20638	14194
2.113		51535	59363
2.143		24911	30124
2.175		34038	53247
2.197		21297	18274
2.215		23992	28937
2.242		11530	7348
2.269		37213	21786
2.289		11873	6134
2.324		11391	6430
2.344		28804	41147
2.38		34323	25882
2.412		19505	12770
2.449		41992	96257
2.499		21510	24641
2.516		25306	28442
2.55		23233	33958
2.584		12420	11135
2.607		10215	4734
2.626		4248	3078
2.637		15479	11979
2.676		11773	9751
2.698		17387	18263
2.72		57158	28620
2.774		24834	38116
2.805		23515	20187
2.833		11812	13505
2.856		11274	5226
2.874		18873	14694
2.898		8453	6300
2.949		8614	7311
2.96		6430	3260
2.975		10355	4412
2.999	TCX	122328	83911

RT A	Compound A	Height A	Area A
3.051		12014	10307
3.079		18101	20178
3.114		7654	8145
3.148		6190	4990
3.164		7674	3617
3.185		10084	8336
3.207		15753	9279
3.227		8059	3677
3.25		45309	39258
3.307		6454	4212
3.319		52017	26641
3.343		13054	10135
3.377		4924	2741
3.398		5085	3280
3.421		9415	8860
3.442		7550	4664
3.466		47687	27005
3.483		29839	16393
3.504		3408	1890
3.534		5234	2938
3.582		33369	22219
3.609		5822	4478
3.633		4370	2287
3.655		16186	10309
3.689		9550	10089
3.705		11720	8328
3.749		31748	15984
3.761		62748	51603
3.804		87708	91917
3.835		1050	287
3.859		73417	65764
3.9		27561	22695
3.928		158794	113551
3.955		115099	83524
3.978		143393	91813
4.003		7201	4482
4.054		75466	51800
4.079		30189	19403
4.11		51407	34753
4.145		104458	114916
4.188		29683	27930
4.219		24676	23413
4.247		13784	8863
4.27		41901	29242
4.307		976773	836554
4.352		175757	150284
4.419		254986	223855
4.463		1372750	1190424
4.497		234390	190453
4.538		35741	24559
4.559		22219	15084
4.601		217413	217221
4.654		129963	88682
4.671		438869	313959
4.715		990055	842315
4.764		1547990	1641296
4.801		329069	227745
4.841		3439064	3056784
4.885		62229	54348
4.928		546663	560668
4.962		34346	22041
4.989		638352	601976
5.041		3824306	4554949
5.093		666880	604114
5.131		1448803	1590874
5.174		23726	11459

RT A	Compound A	Height A	Area A
5.211		309729	357518
5.245		3640767	3236883
5.267		131354	68359
5.287		55667	23517
5.311		1691113	1546241
5.353		1123179	1090735
5.446		443408	349294
5.471		1921036	1677167
5.528		1201296	1053801
5.567		703682	674009
5.608		107565	117781
5.649		649667	668899
5.706		5143241	4607600
5.73		26943	53622
5.852		2284	1688
5.909		3054959	2842977
5.94		203677	139776
5.963		559967	642845
6.078		6849	5619
6.098		42629	35257
6.151		89917	68425
6.178		543187	501129
6.294		1768	392
6.331		1048161	1045415
6.376		77395	70218
6.533		193634	191927
6.586		1552	583
6.679	DCB	58254	57713
6.739		3262	2217
6.784		1791	658
6.873		1303	282
6.929		8614	8000
7.021		1357	429
7.052		1392	937
7.081		1602	669
7.115		2241	1246
7.139		1043	1082
7.181		1311	468
7.241		1369	823
7.271		2130	927
7.499		1409	341
7.53		1526	1388
7.792		1489	989
7.85		1144	468
8.17		1240	821
8.443		1859	1218
8.502		1584	610
8.552		1775	368

LANCASTER LABORATORIES

Sample Number: 9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:13:53 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: 07pcbs17250009B.0033.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

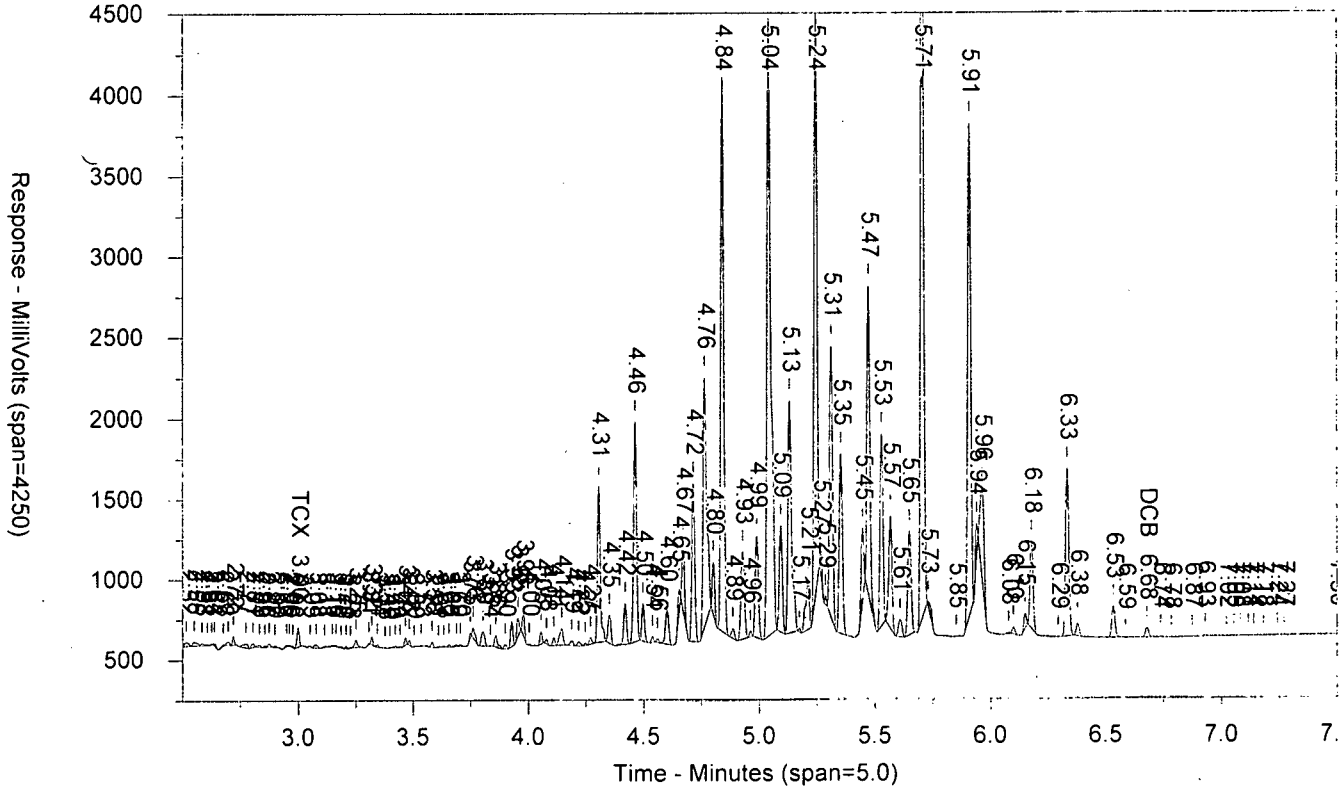
RT B	Compound B	Height B	Area A
1.514		6677	5078
1.527		12093	12158
1.567		7566	7558
1.615		13677	11759
1.643		7090	7020
1.683		11275	17250
1.71		8617	7325
1.747		15339	23477
1.771		15348	19215
1.805		13744	14484
1.832		33605	36574
1.871		14910	23177
1.914		16144	20134
1.939		15606	11621
1.965		13337	13177
1.993		42360	37252
2.021		14352	10870
2.042		16118	19899
2.085		12263	10979
2.105		13080	10807
2.136		18815	33842
2.203		12062	13322
2.225		7730	4252
2.247		6112	4148
2.266		10872	5918
2.284		5387	8361
2.328		5453	6820
2.345		14618	19616
2.401		69306	40894
2.467		3331	1333
2.479		6344	3480
2.498		6972	3934
2.524		8869	5864
2.575		14657	17195
2.602		5579	4827
2.63		2815	1823
2.651	TCX	132661	80157
2.712		6337	2612
2.741		8951	10784
2.795		1813	1003
2.822		11326	7624
2.846		7016	3973
2.883		9884	14093
2.907		3977	1915
2.935		30325	13601
2.948		51242	25692
2.987		4558	2594
3.011		2777	1415
3.046		9732	11698
3.11		3945	3678
3.142		68492	68944
3.192		5266	2789
3.215		4904	2381
3.264		75475	60564

3.302	18947	13146
3.347	15807	8894
3.362	8371	3406
3.39	3337	2106
3.412	30603	13449
3.421	71838	30169
3.442	45935	21308
3.455	33047	14128
3.471	62240	32633
3.53	75391	52238
3.564	158877	93692
3.587	207293	115957
3.605	213284	116416
3.663	4048	1723
3.69	95661	64188
3.713	36428	18863
3.735	65009	55927
3.766	32731	16645
3.782	76783	49385
3.822	36149	26299
3.865	42499	34495
3.915	1029878	727393
3.941	56111	29433
3.96	126734	70439
3.98	237508	154430
4.016	1362775	966251
4.048	216676	135354
4.065	77183	38171
4.087	48734	30583
4.129	27722	27812
4.161	138013	142672
4.182	29625	16421
4.218	338682	237219
4.261	433509	265502
4.28	312867	155627
4.293	1024848	599639
4.318	617757	608962
4.371	3639551	2661758
4.417	66839	80784
4.441	309986	206189
4.465	847284	623767
4.508	4368478	3386231
4.612	3085264	2937472
4.666	422498	364226
4.704	881808	769263
4.74	4269756	3428053
4.773	1920954	1359281
4.812	1432981	1124602
4.883	6553	5488
4.912	432323	459202
4.963	2433871	1879016
4.987	309778	199126
5.037	1313177	1177259
5.073	690239	540543
5.103	479828	376766
5.135	162058	96149
5.157	5666446	4567828
5.198	114378	85707
5.23	166248	132056
5.349	50690	31501
5.372	884383	732731
5.416	3261246	3496772
5.573	44866	38372
5.618	94907	72691
5.641	23327	14763
5.69	510400	439324
5.797	990744	864287

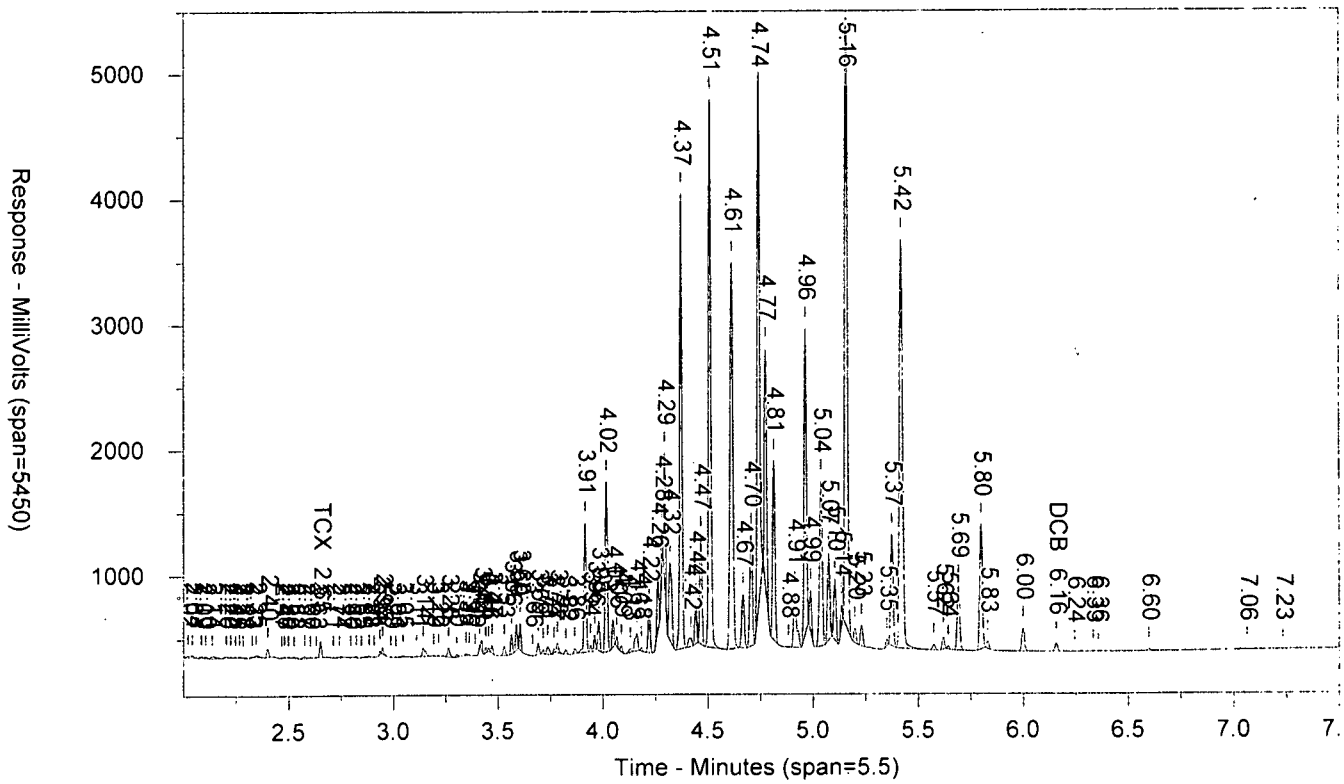
5.829		57658	42496
5.998		183806	164193
6.157	DCB	64852	57117
6.242		1542	1988
6.331		5019	4106
6.356		2654	2741
6.598		15534	16816
7.062		1628	1845
7.232		1202	2897
8.189		1839	3277
8.291		10052	22184

9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0033.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0033.RAW



LANCASTER LABORATORIES

Sample Number: 9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:13:53 AM Sample Weight: 10.31
Instrument ID: CP7-19843A Dilution Factor: 1000
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

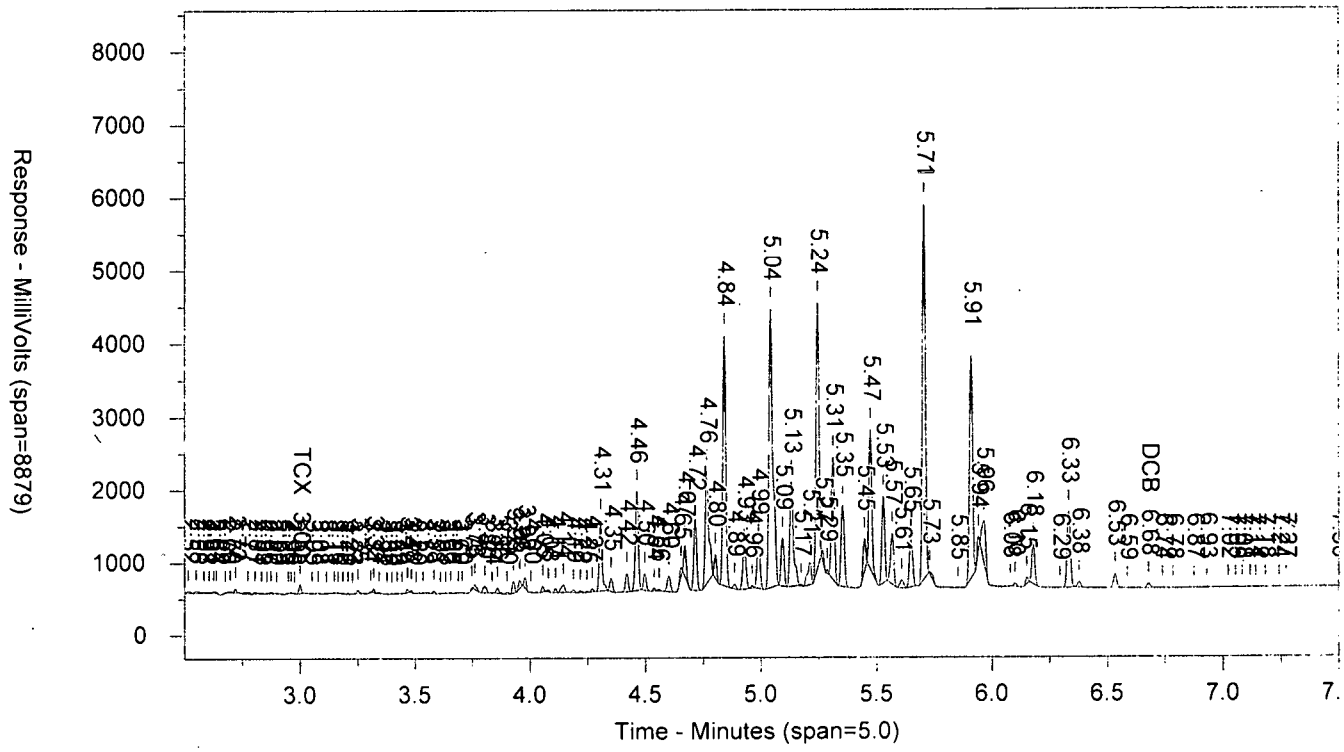
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	122328	31.347	TCX	2.651	132661	33.11	TCX
6.679	58254	41.86	DCB	6.157	64852	39.485	DCB

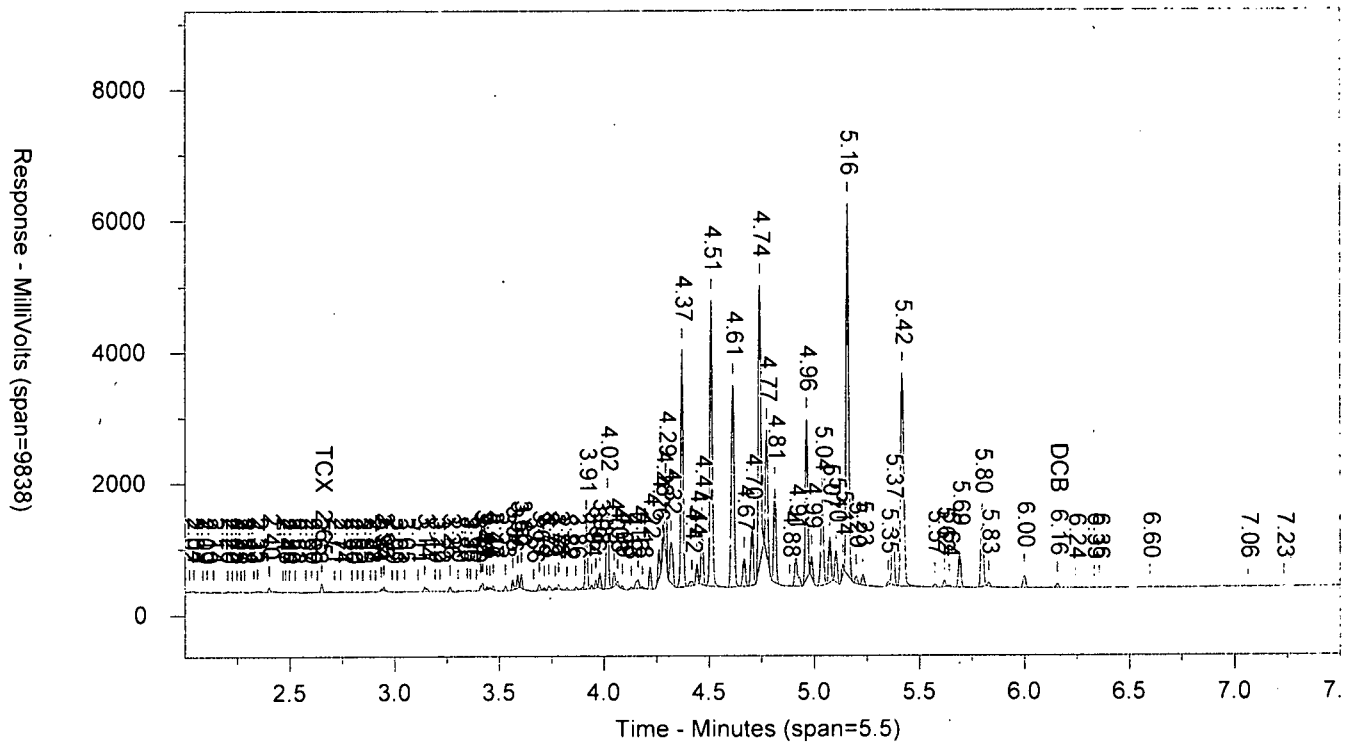
Files:
Area File: 07pcbs17250009.0033.RAW
Area File: 07pcbs17250009B.0033.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 12:22:39 AM
File Reported On: 9/19/2017 at 12:22:50 AM

9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0033.RAW

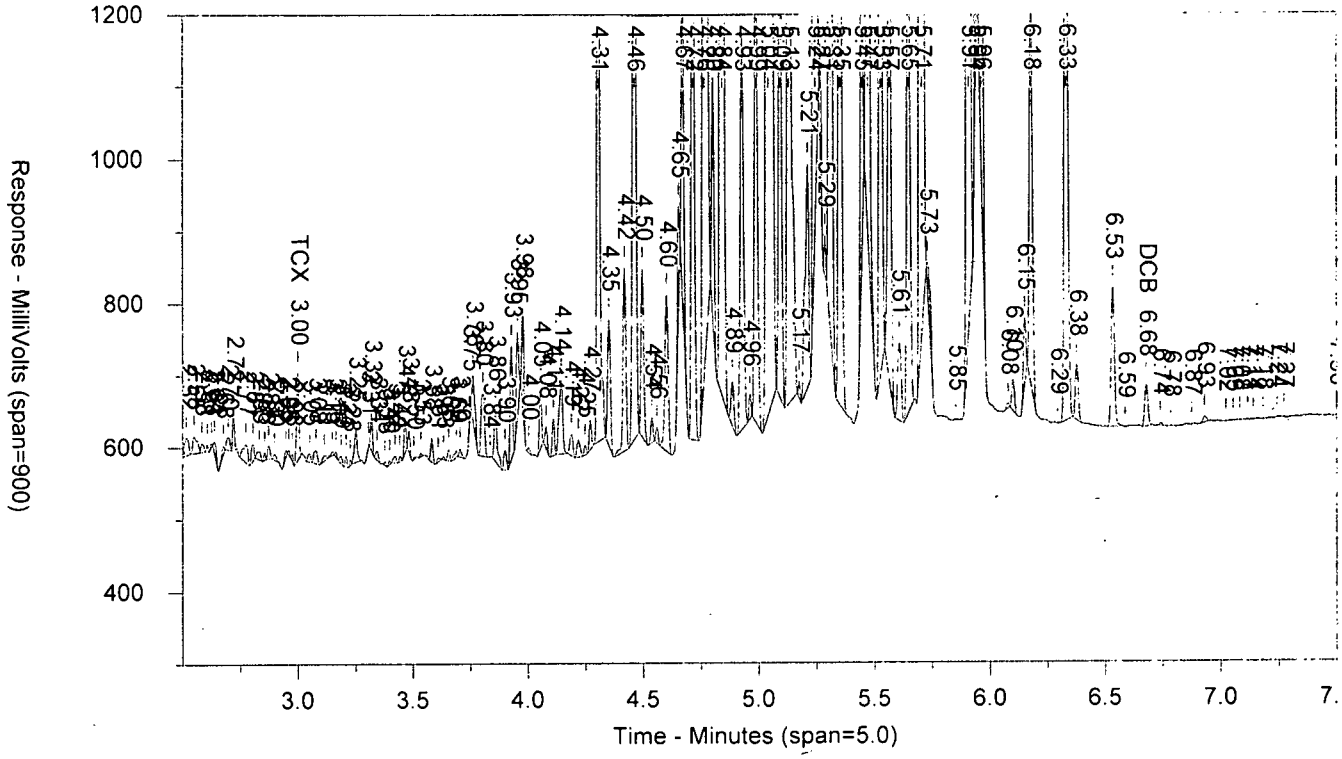


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0033.RAW

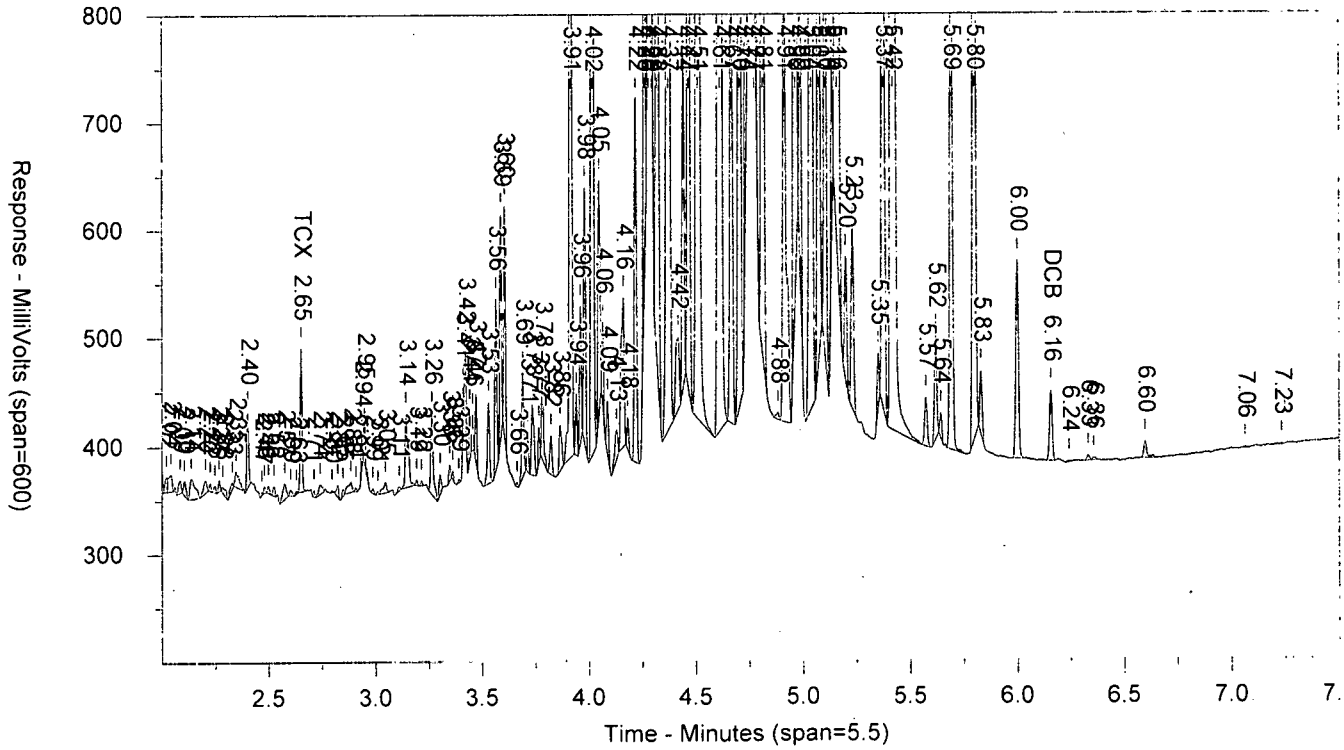


9202692MS ACF DF100AC-128W MS 172560041A 10225 SW-846 8

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0033.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0033.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: 9202693 MSD ACF DF10 -128W MSD Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 1000 ml Analyst: 9065 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on	Sep 19, 2017 00:25:25
Instrument	19843A
Result file	07PCBS17250009.0034.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 91% (61 - 152) Conc: 27.4948
%SSR(DCB) 138% (48 - 164) Conc: 36.96908

Analysis Report (B)

Injected on	Sep 19, 2017 00:25:25
Instrument	19843B
Result file	07PCBS17250009B.0034.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 94% (61 - 152) Conc: 28.49855
%SSR(DCB) 125% (48 - 164) Conc: 33.56876

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	105213	27.4948	Tetrachloro-m-xylene	2.62	2.65	2.68	111970	28.49855
Decachlorobiphenyl	6.65	6.68	6.71	50449	36.96908	Decachlorobiphenyl	6.13	6.16	6.19	54065	33.56876

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	B	28.49855				3.59	
Tetrachloro-m-xylene-D1	A	27.4948					
Tetrachloro-m-xylene-D2	B	28.49855					
Decachlorobiphenyl	A	36.96908				9.64	
Decachlorobiphenyl-D1	A	36.96908					
Decachlorobiphenyl-D2	B	33.56876					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**6.82**	
4.82	4.84	4.86	2229572	15152.23913			1
5.02	5.04	5.06	2548722	17646.009374			2
5.23	5.25	5.27	2321903	16941.661192			3
5.45	5.47	5.49	1276977	16089.851055			4
5.69	5.71	5.73	3502019	18018.292789			5
5.89	5.91	5.93	1994340	15690.538405			6

Height summation: **13873533**
Concentration CF: **16589.765324** L:

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1260						**5.16**	
4.35	4.37	4.39	2313314	15353.127383			1
4.49	4.51	4.53	2871042	16610.763815			2
4.60	4.61	4.64	2018056	14439.557781			3
4.72	4.74	4.76	2741740	16256.742969			4
5.14	5.16	5.18	3577449	16429.381917			5
5.40	5.42	5.44	2063612	16003.549378			6

Height summation: **15585213**
Concentration CF: **15848.853874** L:

Multiple Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	No. of Hits Required	Comments
PCB-1016			<5044.5103	<979.2285			4	
PCB-1221			<5044.5103	<1513.3531			3	
PCB-1232			<5044.5103	<1216.6172			4	
PCB-1242			<5044.5103	<1216.6172			4	
PCB-1248			<5044.5103	<979.2285			4	
PCB-1254			<5044.5103	<1305.638			4	
PCB-1260	B	15848.853874	5044.5103	1157.27		4.57	4	
PCB-1262			<5044.5103	<979.2285			4	
PCB-1268			<5044.5103	<979.2285			4	
Total PCBs	A	15848.853874	5044.5103	979.2285				

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 9/19/2017 14:23:14

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202693** MSD ACF DF10 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0034.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 91% (61-152) Conc.: 27.4948
%SSR(DCB) : 138% (48-164) Conc.: 36.96908

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**80.44**	
3.23	3.25	3.27	37685.95	566.996453			1
3.45	3.47	3.49	39680.5	583.247241			2
+ 3.45	3.48	3.49	24337.86	357.732128			2
3.56	3.58	3.60	27798.1	342.751166			3
+ 3.74	3.75	3.78	22111.97	278.476066			4
3.74	3.76	3.78	44690.09	562.822781			4
3.78	3.80	3.82	65608.46	704.042401			5
3.91	3.93	3.95	121937.6	2133.209254			6
Height Summation:			**337400.7**				
Amount Avg CF:			**815.511549**	Linear:			
Aroclor-1221					**3**	**52.64**	
3.13	3.15	3.17	4039.714	131.270956			1
3.18	3.21	3.22	12195.64	433.250734			2
3.23	3.25	3.27	37685.95	439.549601			3
Height Summation:			**53921.304**				
Amount Avg CF:			**334.69043**	Linear:			
Aroclor-1232					**6**	**103.34**	
3.23	3.25	3.27	37685.95	483.29741			1
3.45	3.47	3.49	39680.5	1218.647231			2
+ 3.45	3.48	3.49	24337.86	747.451915			2
3.56	3.58	3.60	27798.1	712.479828			3
+ 3.74	3.75	3.78	22111.97	604.155277			4
3.74	3.76	3.78	44690.09	1221.046957			4
3.78	3.80	3.82	65608.46	1436.45834			5
3.91	3.93	3.95	121937.6	5303.424898			6
Height Summation:			**337400.7**				
Amount Avg CF:			**1729.225777**	Linear:			
Aroclor-1242					**6**	**85.47**	
3.23	3.25	3.27	37685.95	423.460498			1
3.45	3.47	3.49	39680.5	443.519425			2
+ 3.45	3.48	3.49	24337.86	272.030687			2
3.56	3.58	3.60	27798.1	260.663516			3
+ 3.74	3.75	3.78	22111.97	188.173966			4
3.74	3.76	3.78	44690.09	380.314891			4
3.78	3.80	3.82	65608.46	508.9802			5
3.91	3.93	3.95	121937.6	1676.004248			6
Height Summation:			**337400.7**				
Amount Avg CF:			**615.490463**	Linear:			
Aroclor-1248					**6**	**122.42**	
3.78	3.80	3.82	65608.46	1428.197047			1
3.84	3.86	3.88	56157.48	1149.16042			2
3.91	3.93	3.95	121937.6	1498.56317			3
4.03	4.05	4.07	59299.77	645.399525			4
4.12	4.15	4.16	73226.84	920.523994			5
4.30	4.31	4.34	662946.5	7802.142642			6
Height Summation:			**1039176.65**				
Amount Avg CF:			**2240.664466**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0034.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 94% (61-152) Conc.: 28.49855
%SSR(DCB) : 125% (48-164) Conc.: 33.56876

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**80.11**	
+ 2.92	2.94	2.96	23430.29	344.581382			1
2.92	2.95	2.96	31617.74	464.991451			1
3.12	3.14	3.16	55579.58	642.705973			2
3.25	3.26	3.29	58745.01	687.261283			3
+ 3.40	3.41	3.44	27446.37	299.59611			4
3.40	3.42	3.44	55137.76	601.866783			4
+* 3.44	3.44	3.48	29355.12	341.162702			5
+* 3.40	3.44	3.44	29355.12	320.431437			4
+ 3.44	3.46	3.48	29856.95	346.994927			5
3.44	3.47	3.48	38679.01	449.524156			5
3.57	3.59	3.61	156227.9	2204.345051			6
+ 3.57	3.61	3.61	146346.1	2064.914789			6
Height Summation:			**395987**				
Amount Avg CF:			**841.78245**	Linear:			
Aroclor-1221					**3**	**6.64**	
2.80	2.82	2.84	11481.95	310.018396			1
2.86	2.88	2.90	8144.831	350.594635			2
+ 2.92	2.94	2.96	23430.29	256.575672			3
2.92	2.95	2.96	31617.74	346.23314			3
Height Summation:			**51244.521**				
Amount Avg CF:			**335.61539**	Linear:			
Aroclor-1232					**6**	**100.16**	
+ 2.92	2.94	2.96	23430.29	281.652423			1
2.92	2.95	2.96	31617.74	380.072678			1
3.12	3.14	3.16	55579.58	1272.971552			2
3.25	3.26	3.29	58745.01	1391.090725			3
+ 3.40	3.41	3.44	27446.37	651.021942			4
3.40	3.42	3.44	55137.76	1307.855706			4
+* 3.44	3.44	3.48	29355.12	683.754985			5
+* 3.40	3.44	3.44	29355.12	696.297078			4
+ 3.44	3.46	3.48	29856.95	695.443874			5
3.44	3.47	3.48	38679.01	900.931963			5
3.57	3.59	3.61	156227.9	5242.989249			6
+ 3.57	3.61	3.61	146346.1	4911.357247			6
Height Summation:			**395987**				
Amount Avg CF:			**1749.318645**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202693** MSD ACF DF10 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0034.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	94.69	
4.29	4.31	4.32	662946.5	7235.770127			1
+ 4.63	4.65	4.67	93906.2	966.439676			2
4.63	4.67	4.67	293103.5	3016.487213			2
4.69	4.72	4.73	677175.3	3294.237806			3
4.91	4.93	4.95	380494.9	3027.991193			4
5.11	5.13	5.15	944042.7	13130.181495			5
5.23	5.25	5.27	2321903	24583.391746			6
Height Summation:			**5279665.9**				
Amount Avg CF:			**9048.00993**	Linear:			
Aroclor-1260					6	6.82	
4.82	4.84	4.86	2229572	15152.23913			1
5.02	5.04	5.06	2548722	17646.009374			2
5.23	5.25	5.27	2321903	16941.661192			3
5.45	5.47	5.49	1276977	16089.851055			4
5.69	5.71	5.73	3502019	18018.292789			5
5.89	5.91	5.93	1994340	15690.538405			6
Height Summation:			**13873533**				
Amount Avg CF:			**16589.765324**	Linear:			
Aroclor-1262					6	30.86	
5.29	5.31	5.33	1159775	9849.597086			1
5.45	5.47	5.49	1276977	12199.263682			2
5.69	5.71	5.73	3502019	15247.311985			3
5.89	5.91	5.93	1994340	12721.843539			4
5.95	5.97	5.99	415400.8	5266.364903			5
6.31	6.33	6.35	733348.1	10368.493151			6
Height Summation:			**9081859.9**				
Amount Avg CF:			**10942.145724**	Linear:			
Aroclor-1268					6	97.91	
5.89	5.91	5.93	1994340	7091.761856			1
5.95	5.97	5.99	415400.8	1708.225556			2
6.08	6.10	6.12	28377.57	121.599109			3
+ 6.14	6.15	6.18	60104.88	980.960163			4
6.14	6.18	6.18	367478.2	5997.540883			4
6.31	6.33	6.35	733348.1	10197.379661			5
6.51	6.53	6.55	129128.2	272.803641			6
Height Summation:			**3668072.87**				
Amount Avg CF:			**4231.551784**	Linear:			

Analysis Report (B)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0034.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1242					6	79.95	
+ 2.92	2.94	2.96	23430.29	249.177603			1
2.92	2.95	2.96	31617.74	336.2499			1
3.12	3.14	3.16	55579.58	727.848318			2
3.25	3.26	3.29	58745.01	525.788372			3
+ 3.40	3.41	3.44	27446.37	206.329991			4
3.40	3.42	3.44	55137.76	414.501937			4
+* 3.44	3.44	3.48	29355.12	246.484297			5
+* 3.40	3.44	3.44	29355.12	220.679152			4
+ 3.44	3.46	3.48	29856.95	250.697982			5
3.44	3.47	3.48	38679.01	324.773621			5
3.57	3.59	3.61	156227.9	1743.847605			6
+ 3.57	3.61	3.61	146346.1	1633.544943			6
Height Summation:			**395987**				
Amount Avg CF:			**678.834959**	Linear:			
Aroclor-1248					6	103.67	
+ 3.44	3.44	3.48	29355.12	744.888405			1
+ 3.44	3.46	3.48	29856.95	757.622379			1
3.44	3.47	3.48	38679.01	981.482823			1
3.51	3.53	3.55	58661.18	1085.838106			2
3.55	3.56	3.59	118872.7	1277.797206			3
3.67	3.69	3.71	75740.05	677.143488			4
+ 3.76	3.77	3.80	23984.34	310.104622			5
3.76	3.78	3.80	58207.3	752.589097			5
3.90	3.91	3.94	750260.4	5099.51354			6
Height Summation:			**1100420.64**				
Amount Avg CF:			**1645.727377**	Linear:			
Aroclor-1254					6	110.47	
4.20	4.22	4.24	239968	2056.709244			1
+ 4.26	4.26	4.30	290131.5	1406.354915			2
+ 4.26	4.28	4.30	269814.2	1307.870832			2
4.26	4.29	4.30	715114.3	3466.374768			2
4.35	4.37	4.39	2313314	23872.439464			3
4.42	4.44	4.46	221195.2	1735.887026			4
4.64	4.67	4.68	302177.2	3368.345293			5
4.72	4.74	4.76	2741740	19289.085749			6
Height Summation:			**6533508.7**				
Amount Avg CF:			**8964.806924**	Linear:			
Aroclor-1260					6	5.16	
4.35	4.37	4.39	2313314	15353.127383			1
4.49	4.51	4.53	2871042	16610.763815			2
4.60	4.61	4.64	2018056	14439.557781			3
4.72	4.74	4.76	2741740	16256.742969			4
5.14	5.16	5.18	3577449	16429.381917			5
5.40	5.42	5.44	2063612	16003.549378			6
Height Summation:			**15585213**				
Amount Avg CF:			**15848.853874**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **9202693** MSD ACF DF10 -128W Sample ID: AC **Batchnumber: 172560041A**
Sample Amount: 10.11 g Total Volume: 1000 ml Analyst: 0492 SDG: ATG69 State: DE
Analyses: 10225

Analysis Report (A)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0034.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 19, 2017 00:25:25
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0034.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1262					**6**	**26.88**	
4.76	4.77	4.80	1263868	7664.17314			1
4.95	4.96	4.99	1578176	10284.136764			2
5.14	5.16	5.18	3577449	12634.515945			3
5.36	5.37	5.40	595381.7	5813.771253			4
5.40	5.42	5.44	2063612	11945.972895			5
5.78	5.80	5.82	688460.2	9312.010706			6
Height Summation:			**9766946.9**				
Amount Avg CF:			**9609.096784**	Linear:			
Aroclor-1268					**6**	**124.04**	
5.36	5.37	5.40	595381.7	2029.178556			1
5.40	5.42	5.44	2063612	7335.415364			2
5.56	5.57	5.60	30080.43	127.894081			3
5.62	5.64	5.66	16733.3	292.261285			4
5.78	5.80	5.82	688460.2	8538.520635			5
5.98	6.00	6.02	129749.7	233.828691			6
Height Summation:			**3524017.33**				
Amount Avg CF:			**3092.849769**	Linear:			

Summary Report

Compound Name	Column	Higher Amount Found	LOQ	MDL	Qualifiers	%Difference	No of Hits Required	Max %RSD	Comments
Aroclor-1016			5044.5103	979.2285		3.17	4	40	
Aroclor-1221			5044.5103	1513.3531		0.28	3	40	
Aroclor-1232			5044.5103	1216.6172		1.16	4	40	
Aroclor-1242			5044.5103	1216.6172		9.79	4	40	
Aroclor-1248			5044.5103	979.2285		30.62	4	40	
Aroclor-1254			5044.5103	1305.638		0.92	4	40	
Aroclor-1260			5044.5103	1157.27		4.57	4	40	
Aroclor-1262			5044.5103	979.2285		12.97	4	40	
Aroclor-1268			5044.5103	979.2285		31.09	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: 9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:25:25 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: 07pcbs17250009.0034.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.502		4018	1513
1.588		3193	7626
1.641		68634	79686
1.698		21917	35163
1.719		16643	19684
1.747		16669	16143
1.772		2819	1321
1.795		7984	7611
1.847		4365	1660
1.874		4979	2609
1.895		11751	7737
1.921		7777	5841
1.944		5147	3516
1.986		11564	7291
2.004		14882	12650
2.029		10489	6530
2.053		17771	12016
2.068		25746	24253
2.092		13895	10303
2.113		36604	40073
2.144		21828	25082
2.176		27678	34352
2.195		15898	12969
2.215		18190	21670
2.242		8066	5842
2.269		26914	16168
2.29		7947	4077
2.325		8964	4675
2.343		21040	31229
2.381		26043	20609
2.413		15267	10055
2.447		33574	40558
2.501		18574	22314
2.515		22040	26779
2.549		21746	22148
2.583		12367	13532
2.606		8609	4604
2.637		23748	31707
2.676		11033	9896
2.697		14194	14749
2.72		29915	15109
2.736		4958	2171
2.76		5224	3026
2.772		9050	11577
2.805		17502	15766
2.835		8021	9463
2.856		7533	3278
2.875		13902	10000
2.902		6483	3847
2.95		8500	6403
2.976		6799	2649
2.999	TCX	105213	69511
3.051		10388	8790

RT A	Compound A	Height A	Area A
3.075		14359	16356
3.114		5169	6052
3.149		4040	3664
3.182		8796	6915
3.207		12196	7102
3.226		6031	2677
3.251		37686	31946
3.32		42305	33679
3.342		10387	7572
3.377		5379	3352
3.396		5783	2780
3.421		6975	7902
3.443		6458	3749
3.466		39681	21738
3.483		24338	13888
3.504		2404	1245
3.535		3756	1668
3.581		27798	19617
3.609		4696	3741
3.632		5476	3025
3.656		11431	7213
3.689		8314	8401
3.706		9899	6816
3.749		22112	12420
3.761		44690	35761
3.802		65608	67119
3.832		1486	615
3.859		56157	51203
3.902		19975	17396
3.928		121938	85049
3.955		87371	63026
3.979		94405	56174
4.001		3749	2473
4.054		59300	40311
4.079		21183	14075
4.111		37496	24657
4.145		73227	83713
4.189		20884	18795
4.22		16144	16385
4.249		13141	8810
4.271		28140	19359
4.307		662947	589968
4.353		129239	106800
4.394		1776	1385
4.42		177177	144288
4.463		955285	837127
4.497		169878	135070
4.539		22939	15803
4.561		14063	9889
4.602		155796	154509
4.655		93906	59944
4.671		293104	223441
4.716		677175	594180
4.764		1017301	1108009
4.802		232001	156940
4.841		2229572	2041765
4.886		41815	35865
4.928		380495	391883
4.962		23384	15686
4.989		436471	407461
5.041		2548722	3023911
5.093		446088	410884
5.132		944043	1070697
5.174		14674	7842
5.212		200536	240827
5.245		2321903	2117955

RT A	Compound A	Height A	Area A
5.268		87314	43385
5.287		39684	18187
5.311		1159775	1036348
5.353		771940	727215
5.448		288756	229463
5.473		1276977	1116927
5.529		790720	714742
5.567		464234	456100
5.609		74598	77522
5.649		452774	449210
5.706		3502019	2991917
5.73		18640	30512
5.847		1530	541
5.91		1994340	1912965
5.94		171667	109299
5.966		415401	449782
6.077		5872	4311
6.1		28378	23731
6.125		1208	319
6.151		60105	45849
6.179		367478	345526
6.332		733348	718020
6.377		48847	45454
6.49		1506	437
6.532		129128	128936
6.68	DCB	50449	47841
6.744		2720	2768
6.889		1381	798
6.93		6369	5628
6.957		1511	643
7.126		1962	775
7.159		1587	1244
7.203		1737	843
7.249		1368	1122
7.272		1736	496
7.308		1395	328
7.349		1636	540
7.366		1708	367
7.453		2621	447
7.497		1398	743
7.584		2015	655
7.676		1715	1056
7.785		1886	1248
7.902		1919	1133
7.934		1743	763
7.968		1129	348
8.016		988	814
8.234		1290	702
8.388		1626	1163
8.458		1186	795
8.476		1226	353
8.528		1269	476
8.557		1826	553
8.596		1503	669

LANCASTER LABORATORIES

Sample Number: 9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:25:25 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: 07pcbs17250009B.0034.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

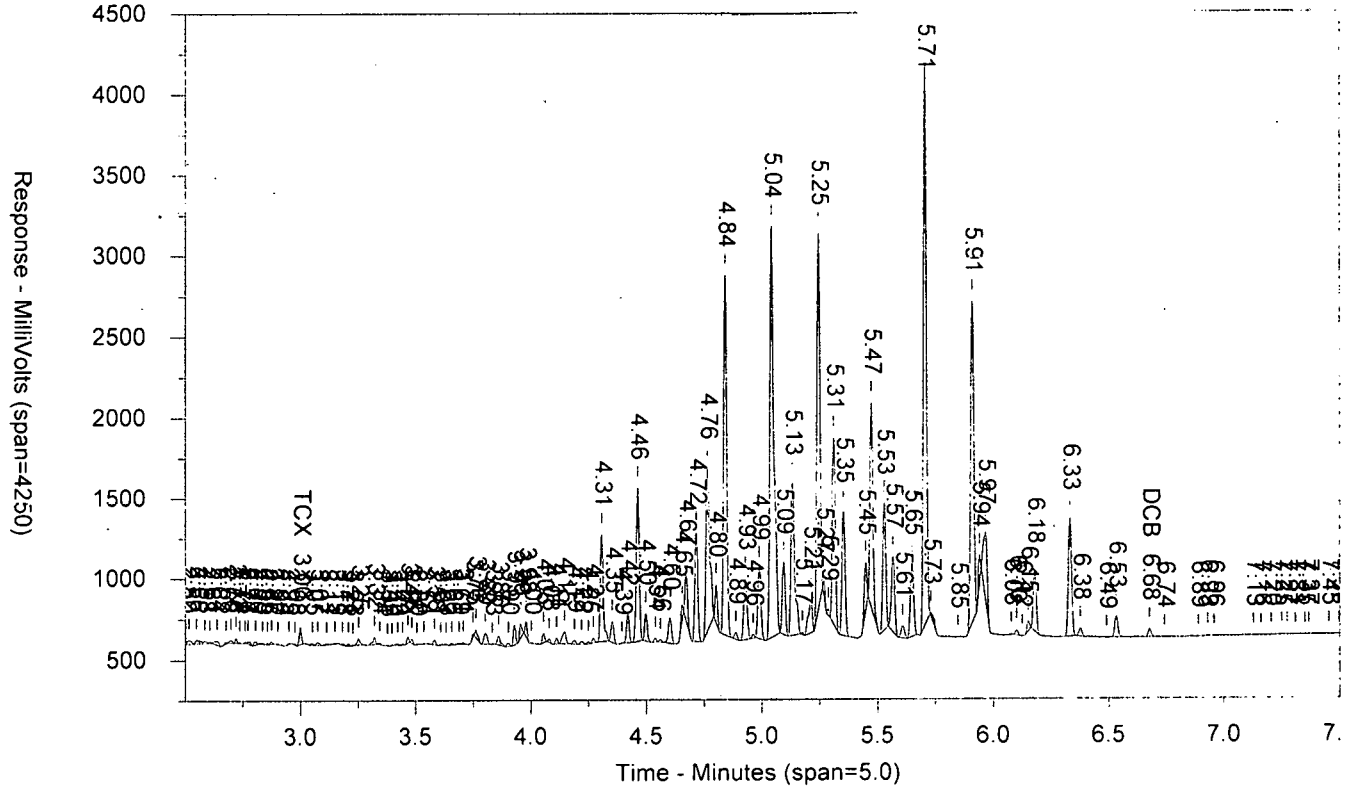
RT B	Compound B	Height B	Area A
1.527		10041	12745
1.567		6227	5991
1.615		10022	6647
1.683		7298	7778
1.711		7751	6230
1.748		12952	20273
1.773		12835	17049
1.806		11059	12775
1.832		22891	24999
1.866		12529	19832
1.915		11333	13578
1.938		12445	9358
1.965		13054	13470
1.993		33161	27688
2.042		14648	27669
2.061		5215	2086
2.085		9420	8643
2.105		11065	8863
2.139		11918	14763
2.204		9225	9918
2.225		6162	3348
2.247		5446	3671
2.267		11393	6493
2.327		4864	5601
2.345		7746	4085
2.401		40365	23744
2.466		3269	1316
2.479		5002	2925
2.498		5980	3618
2.524		6344	4119
2.575		11200	13780
2.601		5109	4225
2.629		2987	1722
2.651	TCX	111970	69083
2.696		3951	1947
2.712		5028	2301
2.739		9339	10108
2.797		1999	1089
2.822		11482	8018
2.846		4922	2670
2.883		8145	11027
2.906		4028	2201
2.935		23430	10928
2.948		31618	14514
2.99		5020	2669
3.01		2728	1188
3.044		8025	10525
3.076		4527	3852
3.108		4500	3984
3.142		55580	57009
3.193		4217	1911
3.217		3720	1893
3.264		58745	45677
3.302		14378	11532

3.347	12942	6877
3.362	6342	3107
3.393	3628	2393
3.412	27446	11973
3.422	55138	24019
3.442	29355	13397
3.455	29857	13158
3.472	38679	20009
3.53	58661	40706
3.564	118873	69953
3.587	156228	85001
3.605	146346	78401
3.691	75740	51276
3.714	27621	14877
3.735	46546	37802
3.766	23984	12781
3.782	58207	37437
3.823	25048	18275
3.865	29199	23456
3.915	750260	513000
3.941	40173	22051
3.961	82459	45288
3.98	170259	107170
4.016	948696	670714
4.048	150812	94458
4.065	55344	27863
4.088	30293	19609
4.129	19855	20650
4.161	95890	102697
4.182	18630	10289
4.218	239968	167683
4.261	290132	175314
4.279	269814	129098
4.293	715114	410553
4.319	408524	416988
4.371	2313315	1782976
4.417	45973	54286
4.442	221195	146855
4.466	586361	419626
4.509	2871043	2259083
4.613	2018056	1957275
4.666	302177	249267
4.705	600149	519763
4.741	2741740	2283110
4.774	1263868	921575
4.813	947911	744635
4.881	3743	2596
4.912	261724	182041
4.929	35895	18818
4.964	1578176	1246513
4.987	202948	133450
5.038	892460	793197
5.074	437925	358747
5.103	313334	251064
5.135	124424	72922
5.158	3577449	2979708
5.199	79999	57237
5.23	114888	89181
5.349	32372	20528
5.373	595382	498375
5.417	2063613	2317231
5.573	30080	25183
5.618	65447	48745
5.642	16733	10766
5.69	345964	298627
5.798	688460	584333
5.83	38955	29125

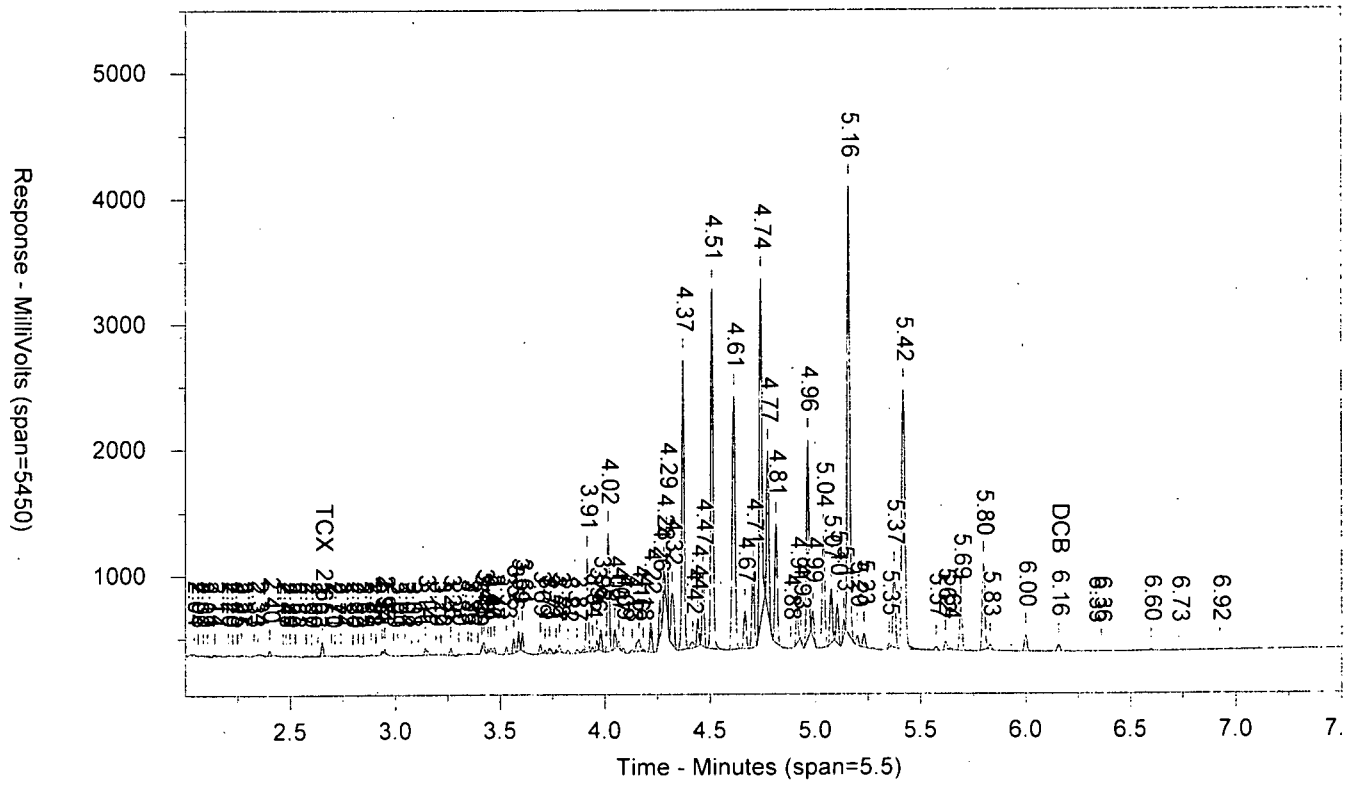
5.998		129750	113008
6.157	DCB	54065	46548
6.333		2931	2481
6.359		2659	2863
6.599		10245	9141
6.731		960	3846
6.924		1247	1095
8.293		9451	16643

9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0034.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0034.RAW



LANCASTER LABORATORIES

Sample Number: 9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846 8082
Injected On: 9/19/2017 12:25:25 AM Sample Weight: 10.11
Instrument ID: CP7-19843A Dilution Factor: 1000
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

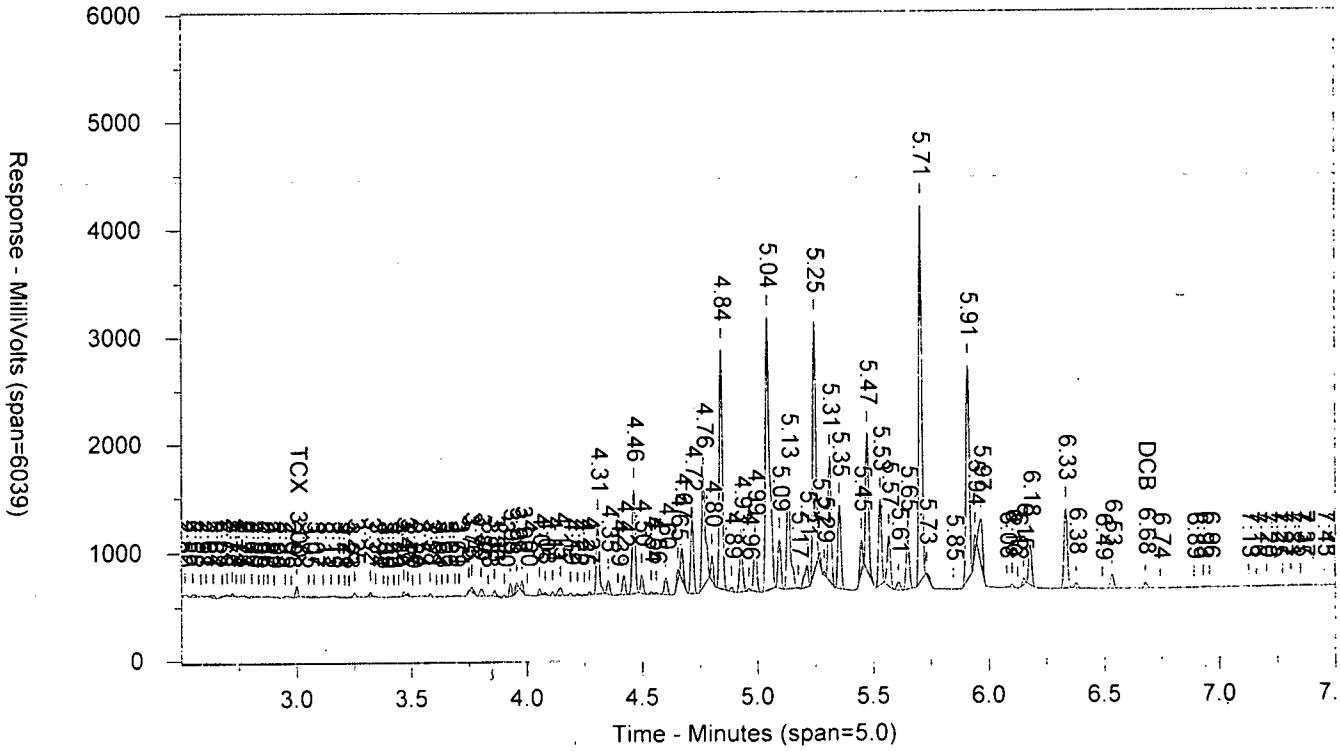
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	105213	27.495	TCX	2.651	111970	28.499	TCX
6.68	50449	36.969	DCB	6.157	54065	33.569	DCB

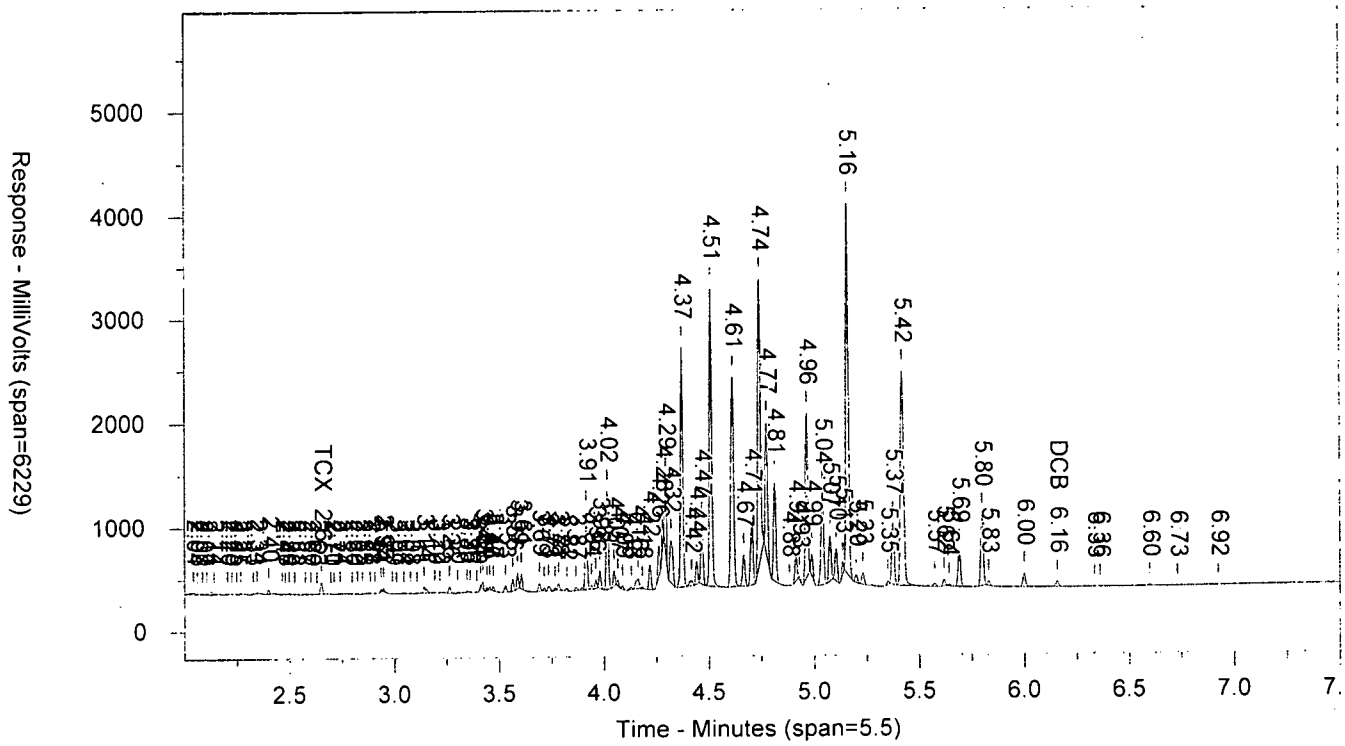
Files:
Area File: 07pcbs17250009.0034.RAW
Area File: 07pcbs17250009B.0034.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/19/2017 12:34:08 AM
File Reported On: 9/19/2017 at 12:34:16 AM

9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0034.RAW

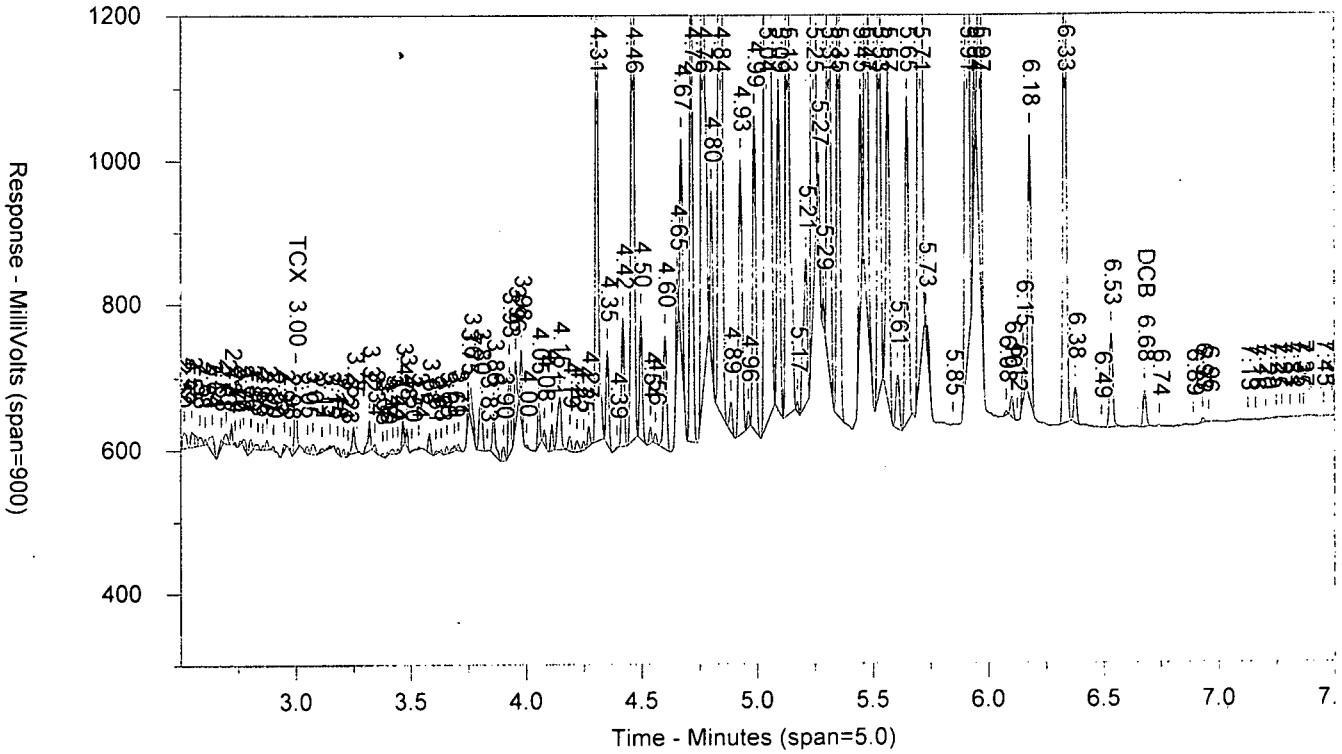


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0034.RAW

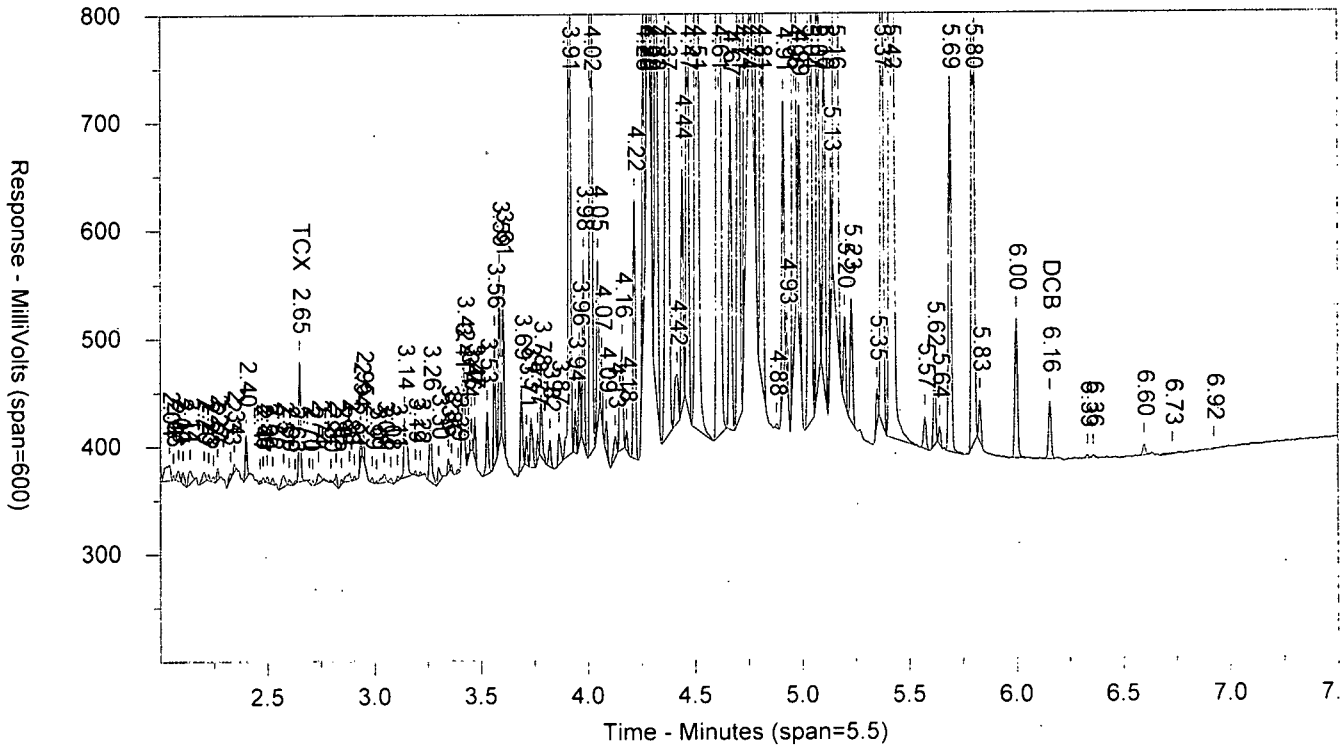


9202693MSD ACF DF10AC-128W MSD 172560041A 10225 SW-846

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0034.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0034.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS41256 LCS Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 23:51:05
Instrument	19843A
Result file	07PCBS17250009.0031.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 91% (61 - 152) Conc: 27.95215
%SSR(DCB) 94% (48 - 164) Conc: 25.51181

Analysis Report (B)

Injected on	Sep 18, 2017 23:51:05
Instrument	19843B
Result file	07PCBS17250009B.0031.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 95% (61 - 152) Conc: 29.00525
%SSR(DCB) 92% (48 - 164) Conc: 25.09176

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	10579970	27.95215
Decachlorobiphenyl	6.65	6.68	6.71	3443556	25.51181

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	11272090	29.00525
Decachlorobiphenyl	6.13	6.16	6.19	3997223	25.09176

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐ Tetrachloro-m-xylene	B	29.00525				3.70	
☐ Tetrachloro-m-xylene-D1	A	27.95215					
☐ Tetrachloro-m-xylene-D2	B	29.00525					
☐ Decachlorobiphenyl	A	25.51181				1.66	
☐ Decachlorobiphenyl-D1	A	25.51181					
☐ Decachlorobiphenyl-D2	B	25.09176					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**4.34**	
3.23	3.25	3.27	2651348	403.291217			1
3.45	3.47	3.49	2925745	434.773619			2
3.56	3.58	3.60	3433929	428.061625			3
3.74	3.76	3.78	3627709	461.895825			4
3.78	3.80	3.82	3964469	430.105656			5
3.91	3.93	3.95	2424354	428.788379			6
Height summation:			**19027554**				
Concentration		CF:	**431.15272**	L:			
Aroclor-1260						**3.50**	
4.82	4.84	4.86	6069414	417.016493			1
5.02	5.04	5.06	6123112	428.595293			2
5.23	5.25	5.27	5962904	439.866505			3
5.45	5.47	5.49	3371268	429.450767			4
5.69	5.71	5.73	8103715	421.53191			5
5.89	5.91	5.93	4985306	396.535088			6
Height summation:			**34615719**				
Concentration		CF:	**422.166009**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**2.90**	
2.92	2.93	2.96	2734646	406.599102			1
3.12	3.14	3.16	3553647	415.45359			2
3.25	3.26	3.29	3483630	412.034968			3
3.40	3.42	3.44	4002748	441.733831			4
3.44	3.46	3.48	3586637	421.421089			5
3.57	3.59	3.61	2924798	417.222782			6
Height summation:			**20286106**				
Concentration		CF:	**419.07756**	L:			
Aroclor-1260						**1.41**	
4.35	4.37	4.39	6183907	414.931468			1
4.49	4.51	4.53	7291260	426.485036			2
4.60	4.61	4.64	5907517	427.343217			3
4.72	4.74	4.76	7031449	421.505512			4
5.14	5.16	5.18	9115745	423.24428			5
5.40	5.42	5.44	5267264	412.975713			6
Height summation:			**40797142**				
Concentration		CF:	**421.080871**	L:			

Valerie L. Tomayko
Principal Specialist

SEP 21 2017

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:09

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS41256 LCS Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 23:51:05
Instrument	19843A
Result file	07PCBS17250009.0031.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 23:51:05
Instrument	19843B
Result file	07PCBS17250009B.0031.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	431.15272	51	9.9		2.84	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	421.080871	51	11.7		0.26	4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs	A	852.233591	51	9.9				

Units: ug/kg

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

Reviewed and digitally signed by Kirby B Turner on 9/19/2017 14:23:09

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS41256 Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**4.34**	
3.23	3.25	3.27	2651348	403.291217			1
3.45	3.47	3.49	2925745	434.773619			2
+ 3.45	3.48	3.49	1471024	218.598144			2
3.56	3.58	3.60	3433929	428.061625			3
+ 3.74	3.75	3.78	1999896	254.635532			4
3.74	3.76	3.78	3627709	461.895825			4
3.78	3.80	3.82	3964469	430.105656			5
3.91	3.93	3.95	2424354	428.788379			6
Height Summation:			**19027554**				
Amount Avg CF:			**431.15272**	Linear:			
Aroclor-1221					**3**	**34.18**	
3.13	3.15	3.17	484032.5	159.017056			1
E 3.18	3.20	3.22	592066.9	212.645721			2
E 3.23	3.25	3.27	2651348	312.641274			3
Height Summation:			**3727447.4**				
Amount Avg CF:			**228.10135**	Linear:			
Aroclor-1232					**6**	**30.38**	
E 3.23	3.25	3.27	2651348	343.758061			1
E 3.45	3.47	3.49	2925745	908.423786			2
E+ 3.45	3.48	3.49	1471024	456.742878			2
E 3.56	3.58	3.60	3433929	889.815419			3
E+ 3.74	3.75	3.78	1999896	552.433115			4
E 3.74	3.76	3.78	3627709	1002.085399			4
E 3.78	3.80	3.82	3964469	877.544953			5
E 3.91	3.93	3.95	2424354	1066.021517			6
Height Summation:			**19027554**				
Amount Avg CF:			**847.941523**	Linear:			
Aroclor-1242					**6**	**4.26**	
E 3.23	3.25	3.27	2651348	301.197475			1
E 3.45	3.47	3.49	2925745	330.615444			2
+ 3.45	3.48	3.49	1471024	166.228859			2
E 3.56	3.58	3.60	3433929	325.542432			3
+ 3.74	3.75	3.78	1999896	172.064259			4
E 3.74	3.76	3.78	3627709	312.115761			4
E 3.78	3.80	3.82	3964469	310.940452			5
E 3.91	3.93	3.95	2424354	336.887318			6
Height Summation:			**19027554**				
Amount Avg CF:			**319.549814**	Linear:			
Aroclor-1248					**6**	**54.46**	
E 3.78	3.80	3.82	3964469	872.498057			1
3.84	3.86	3.88	3522626	728.770425			2
3.91	3.93	3.95	2424354	301.220554			3
4.03	4.05	4.07	2590854	285.081955			4
4.12	4.15	4.16	2693898	342.37112			5
4.30	4.31	4.34	2623403	312.141541			6
+ 4.30	4.33	4.34	588926	70.072448			6
Height Summation:			**17819604**				
Amount Avg CF:			**473.680609**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0031.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**2.90**	
2.92	2.93	2.96	2734646	406.599102			1
3.12	3.14	3.16	3553647	415.45359			2
3.25	3.26	3.29	3483630	412.034968			3
+ 3.40	3.41	3.44	1797646	198.383974			4
3.40	3.42	3.44	4002748	441.733831			4
+* 3.44	3.44	3.48	147280.2	17.305064			5
+* 3.40	3.44	3.44	147280.2	16.253496			4
3.44	3.46	3.48	3586637	421.421089			5
3.57	3.59	3.61	2924798	417.222782			6
+ 3.57	3.61	3.61	889555.9	126.895255			6
Height Summation:			**20286106**				
Amount Avg CF:			**419.07756**	Linear:			
Aroclor-1221					**3**	**31.68**	
2.80	2.82	2.84	571471.2	155.997385			1
+ 2.86	2.87	2.90	33124.83	14.415443			2
E 2.86	2.88	2.90	546030.4	237.624473			2
E 2.92	2.93	2.96	2734646	302.754133			3
Height Summation:			**3852147.6**				
Amount Avg CF:			**232.12533**	Linear:			
Aroclor-1232					**6**	**29.93**	
E 2.92	2.93	2.96	2734646	332.344195			1
E 3.12	3.14	3.16	3553647	822.865546			2
E 3.25	3.26	3.29	3483630	834.003072			3
E+ 3.40	3.41	3.44	1797646	431.088106			4
E 3.40	3.42	3.44	4002748	959.887017			4
+* 3.44	3.44	3.48	147280.2	34.682641			5
+* 3.40	3.44	3.44	147280.2	35.318824			4
E 3.44	3.46	3.48	3586637	844.608067			5
E 3.57	3.59	3.61	2924798	992.355783			6
E+ 3.57	3.61	3.61	889555.9	301.817747			6
Height Summation:			**20286106**				
Amount Avg CF:			**797.67728**	Linear:			
Aroclor-1242					**6**	**19.86**	
E 2.92	2.93	2.96	2734646	294.024561			1
E 3.12	3.14	3.16	3553647	470.490721			2
E 3.25	3.26	3.29	3483630	315.226829			3
+ 3.40	3.41	3.44	1797646	136.625818			4
E 3.40	3.42	3.44	4002748	304.219362			4
+* 3.40	3.44	3.44	147280.2	11.193682			4
+* 3.44	3.44	3.48	147280.2	12.502617			5
E 3.44	3.46	3.48	3586637	304.469628			5
E 3.57	3.59	3.61	2924798	330.063094			6
+ 3.57	3.61	3.61	889555.9	100.386274			6
Height Summation:			**20286106**				
Amount Avg CF:			**336.415699**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS41256 Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	87.31	
4.29	4.31	4.32	2623403	289.482587			1
+ 4.63	4.66	4.67	415935.8	43.277079			2
4.63	4.67	4.67	684782.6	71.249916			2
4.69	4.72	4.73	1919684	94.413639			3
4.91	4.93	4.95	956538.4	76.958985			4
5.11	5.13	5.15	2736899	384.847808			5
5.23	5.25	5.27	5962904	638.273336			6
Height Summation:			**14884211**				
Amount Avg CF:			**259.204379**	Linear:			
Aroclor-1260					6	3.50	
4.82	4.84	4.86	6069414	417.016493			1
5.02	5.04	5.06	6123112	428.595293			2
5.23	5.25	5.27	5962904	439.866505			3
5.45	5.47	5.49	3371268	429.450767			4
5.69	5.71	5.73	8103715	421.53191			5
5.89	5.91	5.93	4985306	396.535088			6
Height Summation:			**34615719**				
Amount Avg CF:			**422.166009**	Linear:			
Aroclor-1262					6	29.49	
E 5.29	5.31	5.33	2958086	253.984184			1
E 5.45	5.47	5.49	3371268	325.607933			2
E 5.69	5.71	5.73	8103715	356.705744			3
E 5.89	5.91	5.93	4985306	321.509512			4
5.95	5.97	5.99	1081916	138.671853			5
E 6.31	6.33	6.35	1632927	233.412118			6
Height Summation:			**22133218**				
Amount Avg CF:			**271.648557**	Linear:			
Aroclor-1268					6	91.37	
5.89	5.91	5.93	4985306	179.224724			1
5.95	5.97	5.99	1081916	44.980325			2
6.08	6.10	6.12	191446.5	8.293804			3
6.14	6.18	6.18	946188.4	156.124267			4
E 6.31	6.33	6.35	1632927	229.560067			5
6.51	6.53	6.55	449458.6	9.599971			6
Height Summation:			**9287242.5**				
Amount Avg CF:			**104.630526**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0031.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	59.74	
+ 3.44	3.44	3.48	147280.2	37.78356			1
E 3.44	3.46	3.48	3586637	920.1231			1
3.51	3.53	3.55	3848667	720.237576			2
3.55	3.56	3.59	2651620	288.165675			3
3.67	3.69	3.71	3362173	303.896942			4
+ 3.76	3.76	3.80	738297	96.507869			5
3.76	3.78	3.80	2574452	336.524294			5
3.90	3.92	3.94	3602590	247.56128			6
Height Summation:			**19626139**				
Amount Avg CF:			**469.418145**	Linear:			
Aroclor-1254					6	109.17	
4.20	4.22	4.24	812490.2	70.402625			1
+ 4.26	4.26	4.30	761577.3	37.322025			2
+ 4.26	4.28	4.30	734926.6	36.015975			2
4.26	4.29	4.30	1995897	97.811368			2
4.35	4.37	4.39	6183907	645.173201			3
4.42	4.44	4.46	553141.8	43.886747			4
4.64	4.67	4.68	741783.2	83.595531			5
4.72	4.74	4.76	7031449	500.128222			6
Height Summation:			**17318668.2**				
Amount Avg CF:			**240.166283**	Linear:			
Aroclor-1260					6	1.41	
4.35	4.37	4.39	6183907	414.931468			1
4.49	4.51	4.53	7291260	426.485036			2
4.60	4.61	4.64	5907517	427.343217			3
4.72	4.74	4.76	7031449	421.505512			4
5.14	5.16	5.18	9115745	423.24428			5
5.40	5.42	5.44	5267264	412.975713			6
Height Summation:			**40797142**				
Amount Avg CF:			**421.080871**	Linear:			
Aroclor-1262					6	25.41	
E 4.76	4.77	4.80	3301226	202.390443			1
E 4.95	4.96	4.99	4223679	278.262363			2
E 5.14	5.16	5.18	9115745	325.483127			3
5.36	5.37	5.40	1647084	162.603303			4
E 5.40	5.42	5.44	5267264	308.268907			5
E 5.78	5.80	5.82	1663535	227.482361			6
Height Summation:			**25218533**				
Amount Avg CF:			**250.748417**	Linear:			
Aroclor-1268					6	112.16	
5.36	5.37	5.40	1647084	56.753374			1
5.40	5.42	5.44	5267264	189.292282			2
5.56	5.57	5.60	160806.8	6.91229			3
5.62	5.64	5.66	137086.4	24.206679			4
E 5.78	5.80	5.82	1663535	208.586834			5
5.98	6.00	6.02	444629.7	8.101045			6
Height Summation:			**9320405.9**				
Amount Avg CF:			**82.308751**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS41256 Sample ID: AB **Batchnumber: 172560041A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0031.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 23:51:05
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.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						2.84	4	40	
Aroclor-1221						1.75	3	40	
Aroclor-1232						6.11	4	40	
Aroclor-1242						5.14	4	40	
Aroclor-1248						0.90	4	40	
Aroclor-1254						7.62	4	40	
Aroclor-1260						0.26	4	40	
Aroclor-1262						8.00	4	40	
Aroclor-1268						23.88	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:51:05 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: 07pcbs17250009.0031.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.506		12024	5064
1.535		17556	20392
1.566		4422	2862
1.593		29998	38993
1.657		78041	163730
1.699		36014	38070
1.723		10680	6219
1.743		59827	57498
1.801		51955	57861
1.823		30706	25777
1.856		9381	8783
1.91		15250	14290
1.945		14904	10182
1.973		13070	12719
1.999		5692	2766
2.028		11017	9598
2.062		16108	19131
2.105		10977	9092
2.154		21336	32691
2.176		19441	15586
2.202		590464	420180
2.235		17213	12154
2.253		16647	12365
2.269		37896	27763
2.295		30790	20366
2.391		23515	15835
2.403		16171	10865
2.435		13311	13425
2.461		578407	389769
2.508		12680	11626
2.527		10157	5728
2.553		10181	10063
2.576		7780	7889
2.605		2298	869
2.636		34096	23398
2.719		6005	3588
2.772		24413	15559
2.805		103668	73306
2.911		7513	4885
2.943		20577	13376
3	TCX	10579970	6935129
3.058		5368	2646
3.147		484033	420829
3.203		592067	446306
3.251		2651349	1814562
3.328		8258	3657
3.344		349748	228856
3.384		10155	7775
3.466		2925745	1680618
3.482		1471024	774113
3.519		354944	207214
3.535		68059	25503
3.547		186588	94668

RT A	Compound A	Height A	Area A
3.58		3433929	2417115
3.617		20100	10170
3.632		16487	7320
3.656		161288	115195
3.69		796401	454143
3.705		431498	211346
3.749		1999896	1026224
3.761		3627709	1824815
3.799		3964469	2988542
3.86		3522627	2571411
3.9		283171	197268
3.928		2424355	1715379
3.956		1597038	1377581
3.978		473104	251650
4.054		2590855	1836052
4.079		949704	634447
4.111		1018220	728369
4.145		2693898	2575747
4.185		825040	666301
4.233		129663	107979
4.272		178538	138404
4.307		2623403	1942270
4.326		588926	310715
4.35		709995	534188
4.42		436460	377448
4.463		2846439	2667595
4.498		107341	78206
4.538		3228	1957
4.561		43006	32781
4.602		374077	365615
4.655		415936	263398
4.671		684783	458941
4.717		1919684	1638460
4.765		2653544	2915534
4.802		656968	461404
4.842		6069414	5531279
4.887		67470	55804
4.929		956538	997850
4.963		69018	46773
4.99		1004300	894269
5.042		6123112	7542158
5.093		1144420	1005139
5.133		2736899	2870761
5.175		37798	20029
5.213		488469	581719
5.247		5962905	5401802
5.269		248036	116060
5.287		96564	42075
5.312		2958086	2584083
5.354		1845240	1721634
5.449		774702	616898
5.473		3371269	2883883
5.53		1836033	1637027
5.568		1095834	1050954
5.611		201903	199367
5.65		1158963	1216116
5.707		8103715	8364089
5.79		4827	7828
5.854		4382	3072
5.911		4985306	4568424
5.942		225940	168612
5.966		1081916	1164571
6.055		2656	994
6.101		191447	185592
6.18		946188	1304040
6.333		1632927	1643004

RT A	Compound A	Height A	Area A
6.378		115441	107054
6.533		449459	459069
6.68	DCB	3443556	3496731
6.955		1458	557
7.078		1895	870
7.151		1347	573
7.209		1037	320
7.24		2032	522
7.483		1611	667
7.578		1420	358
7.654		1747	394
7.768		1353	743
7.826		874	554
7.88		1720	430
8		1942	428
8.029		1558	505
8.211		1690	584
8.299		1381	957
8.443		1311	694
8.457		1560	374

LANCASTER LABORATORIES

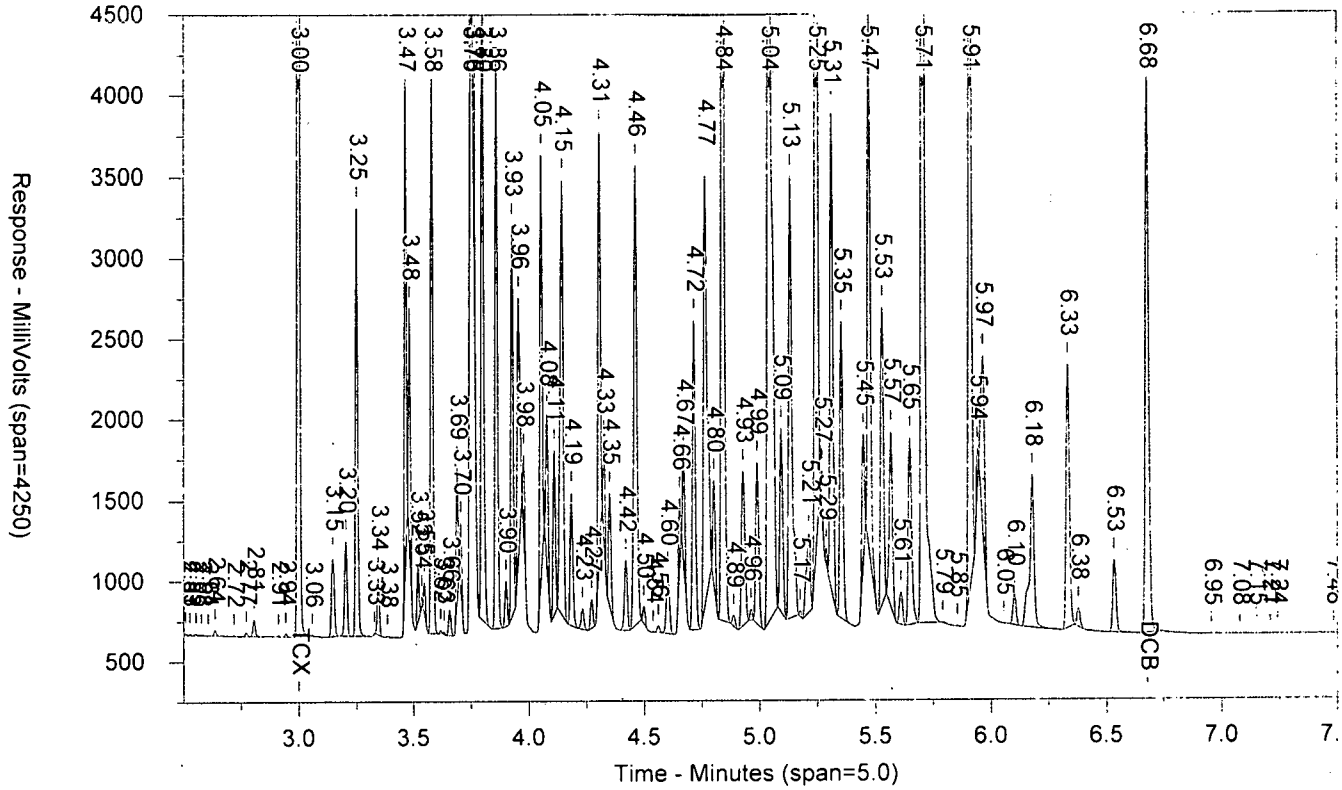
Sample Number: LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:51:05 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0031.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.508		10447	4708
1.55		17576	19175
1.565		32692	48595
1.622		19960	18035
1.647		9356	6744
1.663		16127	14117
1.693		15700	20551
1.722		5604	4123
1.745		3838	2145
1.775		12969	10822
1.795		24084	29052
1.843		14814	11133
1.862		22701	17962
1.885		9177	5170
1.91		610227	449733
1.965		48854	60494
2.026		49317	50446
2.069		7068	5207
2.091		14073	8856
2.151		630914	378467
2.221		8792	5618
2.237		7204	4031
2.268		8719	8357
2.302		3068	1797
2.336		40116	35260
2.389		3235	1384
2.427		26851	16967
2.47		100334	63221
2.497		5252	2702
2.591		1945	1769
2.607		6838	3818
2.626		22763	11912
2.652	TCX	11272090	6745673
2.694		246586	187377
2.771		16505	9979
2.799		2601	1399
2.822		571471	396398
2.869		33125	14563
2.883		546030	319657
2.935		2734647	1725166
2.985		18546	10520
3.046		382823	246362
3.142		3553647	3457702
3.193		424879	270357
3.215		216736	126453
3.24		283777	161861
3.264		3483630	2299666
3.3		138759	83495
3.347		888138	464047
3.362		516539	244291
3.389		3980	1655
3.412		1797646	897712
3.422		4002748	1683251
3.441		147280	48738

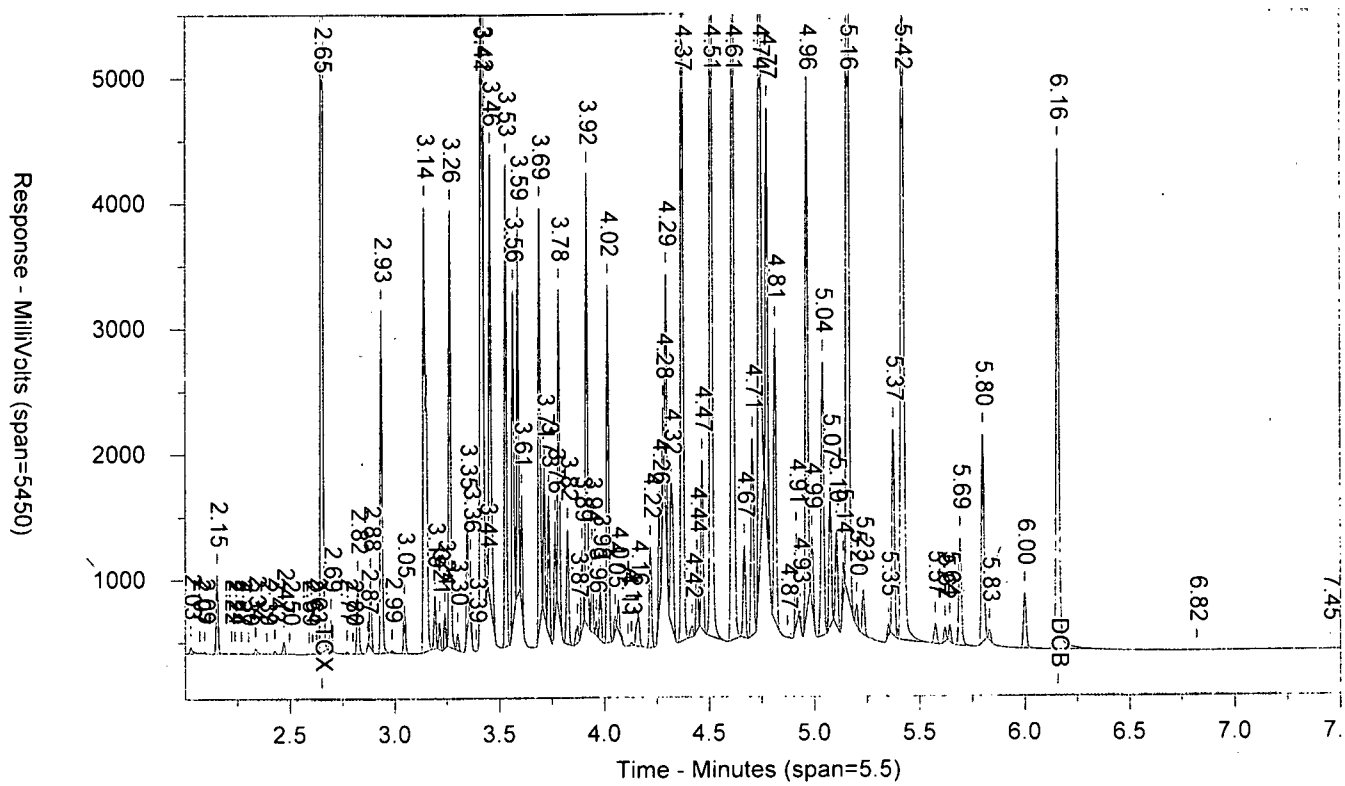
3.456		3586637	2416028
3.529		3848667	2401085
3.564		2651620	1644058
3.588		2924798	1576255
3.605		889556	439477
3.69		3362173	2121474
3.713		1187125	648582
3.734		1111339	670933
3.765		738297	383614
3.782		2574453	1567864
3.825		920560	670161
3.872		140323	127087
3.894		641367	380601
3.916		3602590	2333763
3.941		656369	392517
3.961		117119	55810
3.98		422589	268444
4.016		2856714	1984659
4.05		126772	73798
4.066		243036	148561
4.111		6615	3113
4.127		28888	18999
4.161		262711	272189
4.219		812490	577397
4.262		761577	463947
4.28		734927	365570
4.294		1995897	1090553
4.319		1137797	1146943
4.372		6183907	4708729
4.418		88145	80232
4.442		553142	378820
4.466		1358316	976973
4.509		7291261	5545565
4.613		5907517	5540919
4.667		741783	599409
4.705		1576357	1328874
4.742		7031449	5905282
4.774		3301226	2268813
4.813		2345665	1817034
4.871		6002	8894
4.913		735952	496735
4.93		78586	36496
4.964		4223679	3286628
4.988		536622	358633
5.039		2187654	1916401
5.074		1111461	853769
5.104		759514	623147
5.137		279967	166991
5.159		9115745	7439041
5.2		178183	124067
5.231		360909	286653
5.35		92713	56346
5.374		1647084	1371168
5.419		5267264	6036042
5.573		160807	140177
5.619		113856	84062
5.643		137086	98108
5.691		866502	767008
5.799		1663535	1420670
5.83		79106	58349
5.998		444630	420100
6.158	DCB	3997223	3724281
6.819		1357	2070
7.453		1589	3077
8.291		8547	14947

LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0031.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0031.RAW



LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 8082
Injected On: 9/18/2017 11:51:05 PM 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

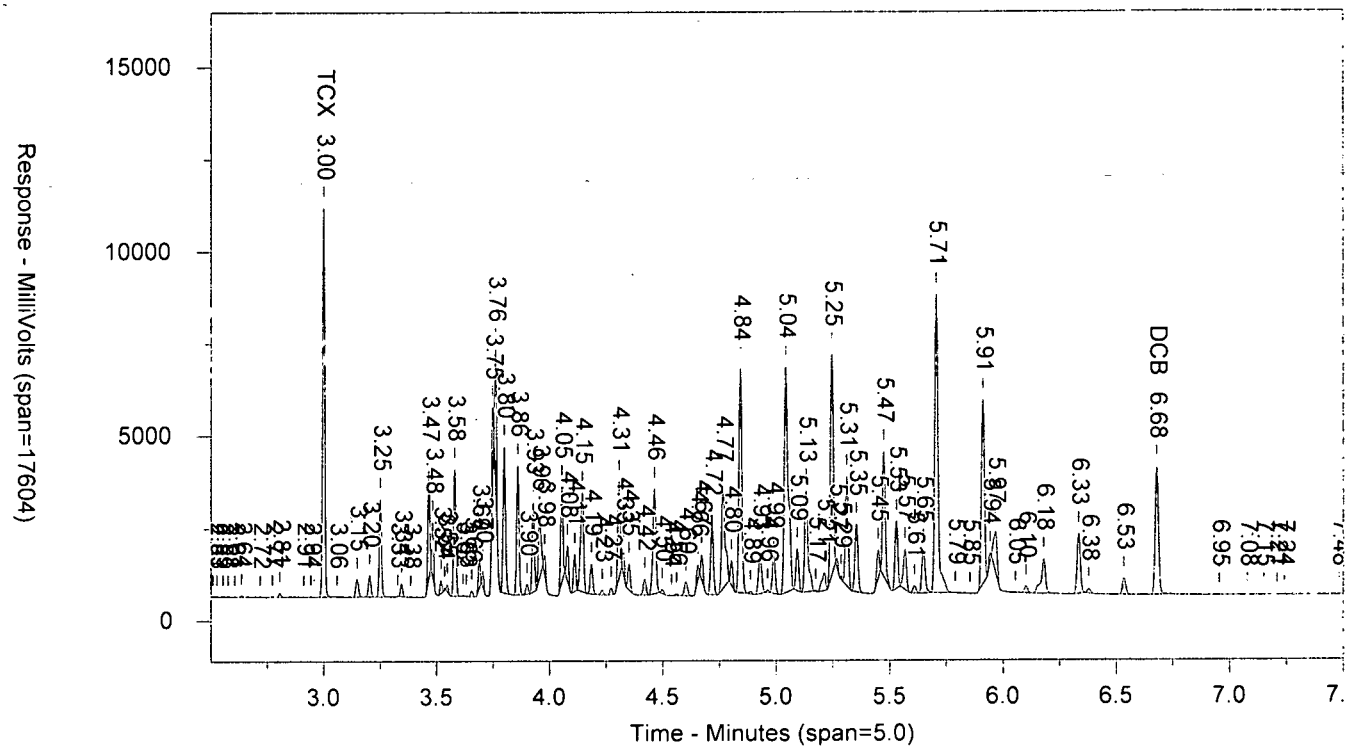
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound E
3	10579970	27.952	TCX	2.652	11272090	29.005	TCX
6.68	3443556	25.512	DCB	6.158	3997223	25.092	DCB

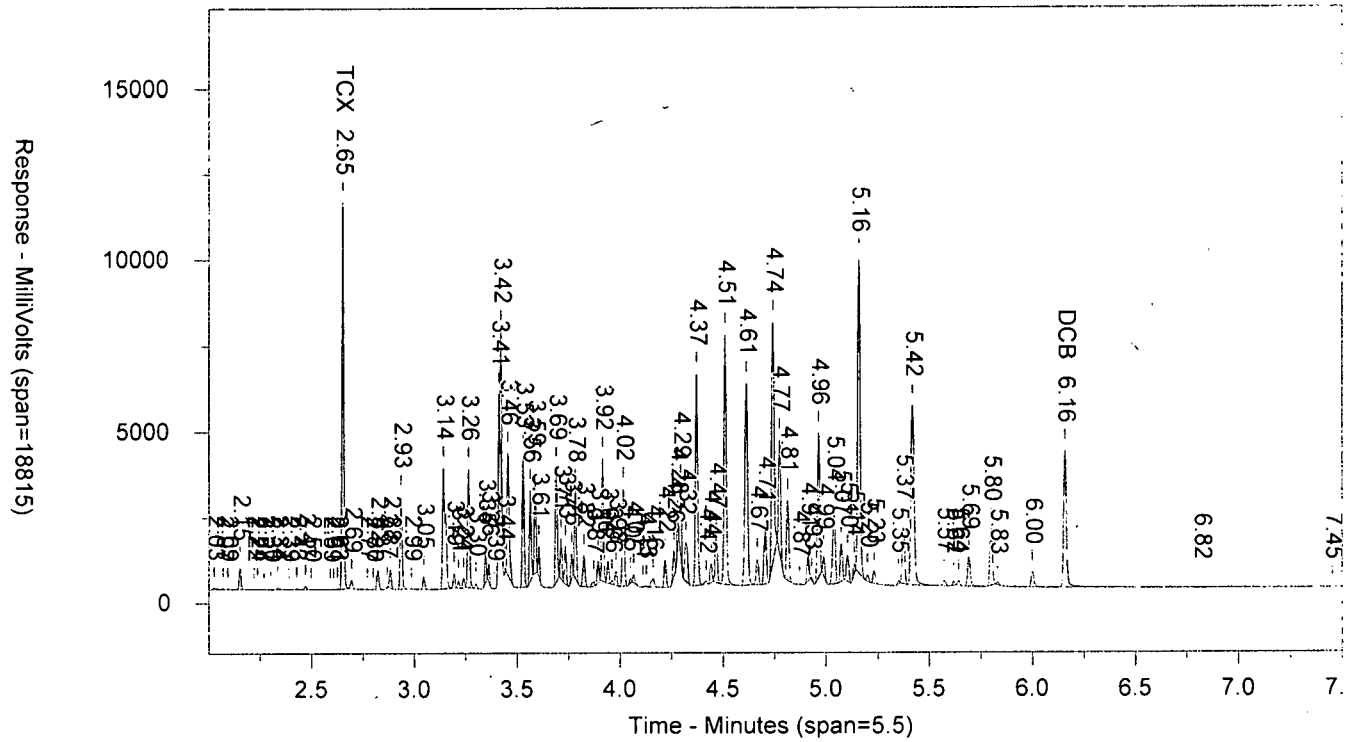
Files:
Area File: 07pcbs17250009.0031.RAW
Area File: 07pcbs17250009B.0031.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 11:59:50 PM
File Reported On: 9/19/2017 at 12:00:06 AM

LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 80

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0031.RAW

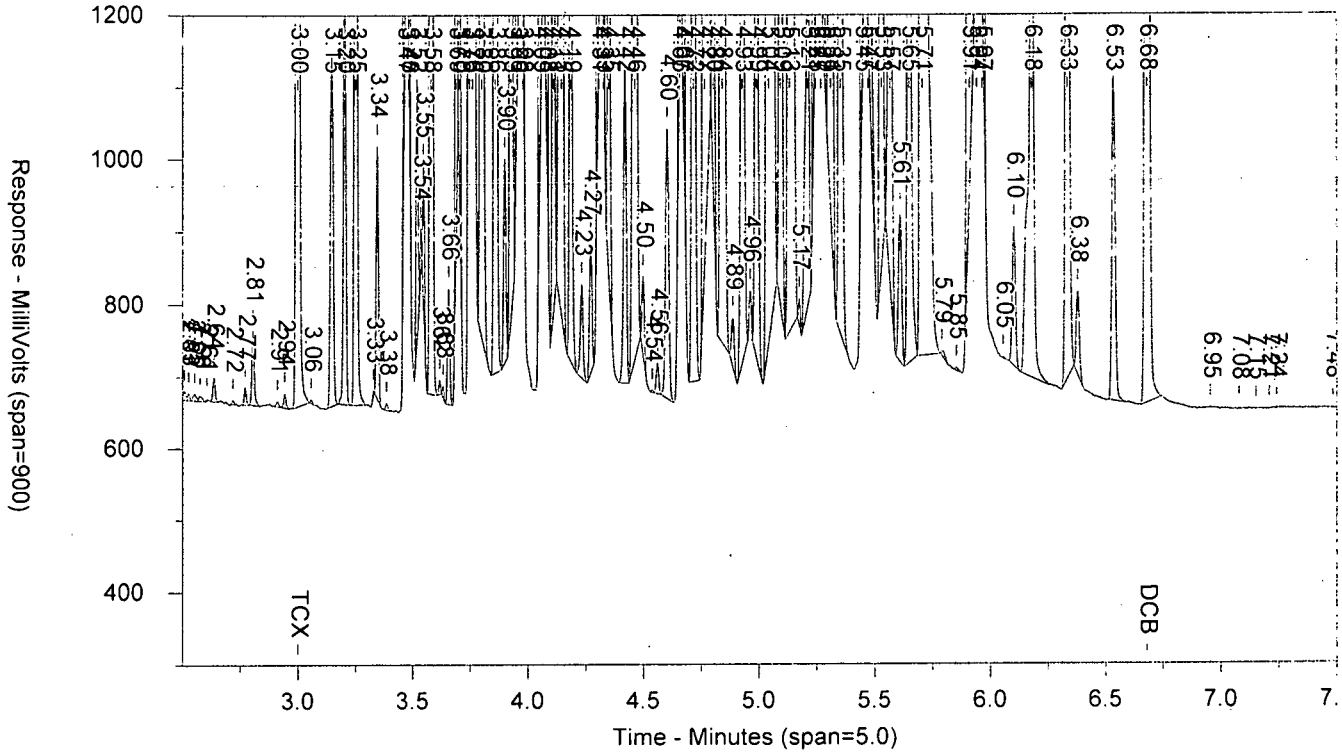


—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0031.RAW

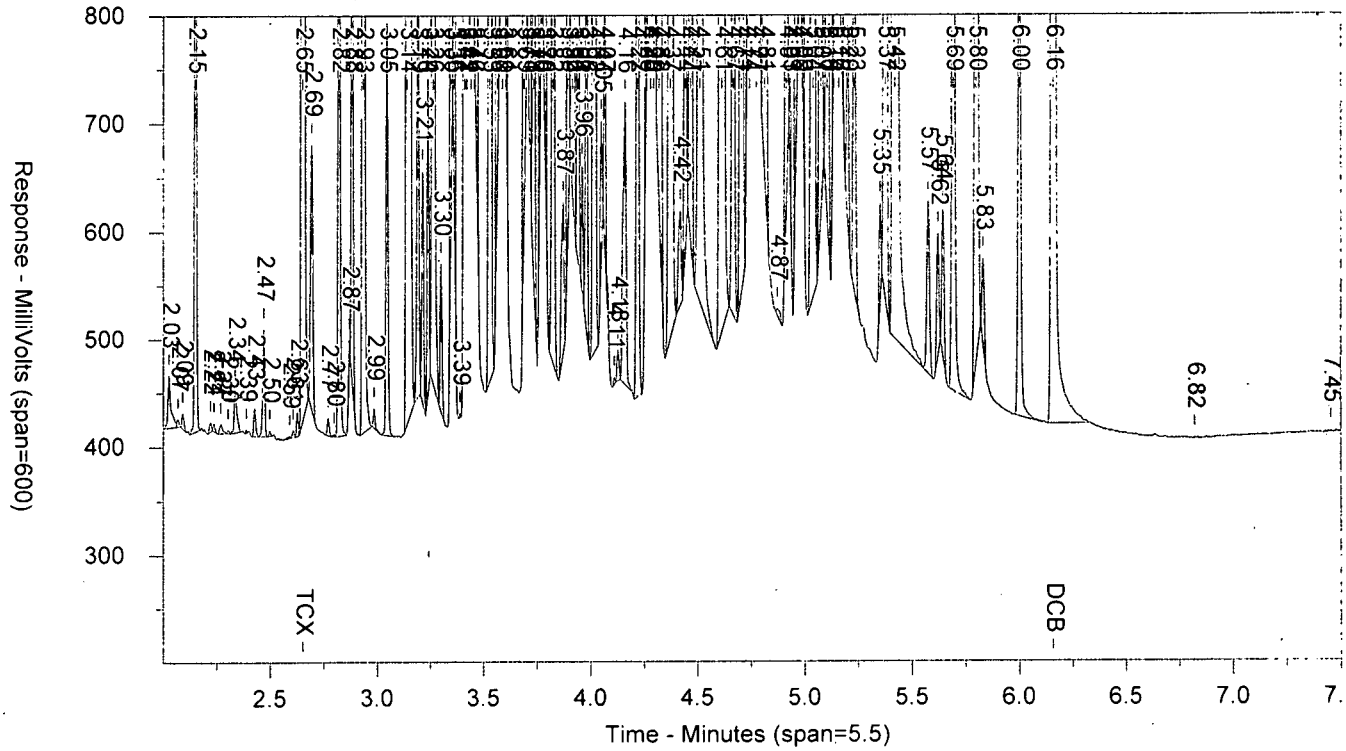


LCSA 9/14/17 ACF ABLCS41256 LCS 172560041A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0031.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0031.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK44256 BLK Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:02:13
Instrument	19843A
Result file	07PCBS17250009.0011.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 104% (61 - 152) Conc: 31.85378
%SSR(DCB) 99% (48 - 164) Conc: 26.84362

Analysis Report (B)

Injected on	Sep 18, 2017 20:02:13
Instrument	19843B
Result file	07PCBS17250009B.0011.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 102% (61 - 152) Conc: 31.18836
%SSR(DCB) 99% (48 - 164) Conc: 26.86975

Single Component Data

Compound	Min	RT	Max	Height	Amount	Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	12056750	31.85378	Tetrachloro-m-xylene	2.62	2.65	2.68	12120500	31.18836
Decachlorobiphenyl	6.65	6.68	6.71	3623322	26.84362	Decachlorobiphenyl	6.13	6.16	6.19	4280465	26.86975

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
Tetrachloro-m-xylene	A	31.85378				2.11	
Tetrachloro-m-xylene-D1	A	31.85378					
Tetrachloro-m-xylene-D2	B	31.18836					
Decachlorobiphenyl	B	26.86975				0.10	
Decachlorobiphenyl-D1	A	26.84362					
Decachlorobiphenyl-D2	B	26.86975					

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 13:15:05

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK44256 Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0011.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

%SSR(TCX) : 104% (61-152) Conc.: 31.85378
%SSR(DCB) : 99% (48-164) Conc.: 26.84362

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					3	55.73	
3.23	3.26	3.27	3076.799	0.468006			1
3.78	3.79	3.82	6598.764	0.715901			5
+ 3.91	3.91	3.95	898.134	0.15885			6
+ 3.91	3.92	3.95	803.2134	0.142062			6
3.91	3.93	3.95	1138.447	0.201354			6
+ 3.91	3.94	3.95	920.4734	0.162801			6
Height Summation:			10814.01				
Amount Avg CF:			0.461753	Linear:			
Aroclor-1221					3	162.69	
3.13	3.15	3.17	3499.604	1.149709			1
3.18	3.20	3.22	99552.13	35.75497			2
3.23	3.26	3.27	3076.799	0.36281			3
Height Summation:			106128.533				
Amount Avg CF:			12.422496	Linear:			
Aroclor-1232					3	74.47	
3.23	3.26	3.27	3076.799	0.39892			1
3.78	3.79	3.82	6598.764	1.460653			5
+ 3.91	3.91	3.95	898.134	0.394922			6
+ 3.91	3.92	3.95	803.2134	0.353184			6
3.91	3.93	3.95	1138.447	0.500591			6
+ 3.91	3.94	3.95	920.4734	0.404745			6
Height Summation:			10814.01				
Amount Avg CF:			0.786721	Linear:			
Aroclor-1242					3	52.61	
3.23	3.26	3.27	3076.799	0.349529			1
3.78	3.79	3.82	6598.764	0.517553			5
+ 3.91	3.91	3.95	898.134	0.124804			6
+ 3.91	3.92	3.95	803.2134	0.111614			6
3.91	3.93	3.95	1138.447	0.158198			6
+ 3.91	3.94	3.95	920.4734	0.127909			6
Height Summation:			10814.01				
Amount Avg CF:			0.34176	Linear:			
Aroclor-1248					6	99.47	
3.78	3.79	3.82	6598.764	1.452252			1
3.84	3.86	3.88	1746.715	0.361365			2
+ 3.91	3.91	3.95	898.134	0.111591			3
+ 3.91	3.92	3.95	803.2134	0.099797			3
3.91	3.93	3.95	1138.447	0.141449			3
+ 3.91	3.94	3.95	920.4734	0.114367			3
4.03	4.07	4.07	1643.818	0.180876			4
4.12	4.15	4.16	1721.058	0.218732			5
4.30	4.31	4.34	5751.928	0.684384			6
Height Summation:			18600.73				
Amount Avg CF:			0.50651	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0011.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

%SSR(TCX) : 102% (61-152) Conc.: 31.18836
%SSR(DCB) : 99% (48-164) Conc.: 26.86975

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					5	179.42	
2.92	2.94	2.96	3656.913	0.543726			1
3.12	3.14	3.16	2627.417	0.307169			2
3.25	3.28	3.29	74945.02	8.864308			3
3.44	3.45	3.48	2649.327	0.311289			5
3.57	3.57	3.61	3545.906	0.505824			6
+ 3.57	3.59	3.61	2883.806	0.411375			6
Height Summation:			87424.583				
Amount Avg CF:			2.106463	Linear:			
Aroclor-1221					3	164.69	
2.80	2.82	2.84	3949.368	1.078079			1
2.86	2.87	2.90	100380.9	43.684305			2
2.92	2.94	2.96	3656.913	0.404859			3
Height Summation:			107987.181				
Amount Avg CF:			15.055748	Linear:			
Aroclor-1232					5	185.08	
2.92	2.94	2.96	3656.913	0.444428			1
3.12	3.14	3.16	2627.417	0.608392			2
3.25	3.28	3.29	74945.02	17.942312			3
3.44	3.45	3.48	2649.327	0.623883			5
3.57	3.57	3.61	3545.906	1.203092			6
+ 3.57	3.59	3.61	2883.806	0.978448			6
Height Summation:			87424.583				
Amount Avg CF:			4.164422	Linear:			
Aroclor-1242					5	176.80	
2.92	2.94	2.96	3656.913	0.393185			1
3.12	3.14	3.16	2627.417	0.347861			2
3.25	3.28	3.29	74945.02	6.781627			3
3.44	3.45	3.48	2649.327	0.224901			5
3.57	3.57	3.61	3545.906	0.400155			6
+ 3.57	3.59	3.61	2883.806	0.325437			6
Height Summation:			87424.583				
Amount Avg CF:			1.629546	Linear:			
Aroclor-1248					4	46.38	
3.44	3.45	3.48	2649.327	0.679664			1
3.55	3.57	3.59	3545.906	0.385353			3
3.76	3.77	3.80	3377.395	0.441482			5
+ 3.76	3.80	3.80	2986.7	0.390412			5
3.90	3.91	3.94	2906.594	0.199734			6
Height Summation:			12479.222				
Amount Avg CF:			0.426558	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK44256 Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0011.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**5**	**60.51**	
4.29	4.31	4.32	5751.928	0.634703			1
4.69	4.72	4.73	7458.606	0.366828			3
4.91	4.93	4.95	6499.015	0.522883			4
5.11	5.13	5.15	4836.962	0.680147			5
5.23	5.25	5.27	14229.23	1.523107			6
Height Summation:			**38775.741**				
Amount Avg CF:			**0.745534**	Linear:			
Aroclor-1260					**6**	**36.99**	
4.82	4.84	4.86	7580.758	0.520858			1
5.02	5.04	5.06	12987.91	0.909106			2
5.23	5.25	5.27	14229.23	1.04965			3
5.45	5.47	5.49	4414.114	0.562294			4
5.69	5.71	5.73	13496.91	0.70207			5
5.89	5.91	5.93	16763.66	1.333394			6
Height Summation:			**69472.582**				
Amount Avg CF:			**0.846229**	Linear:			
Aroclor-1262					**5**	**46.69**	
5.29	5.31	5.33	4138.798	0.355361			1
5.45	5.47	5.49	4414.114	0.426329			2
5.69	5.71	5.73	13496.91	0.594101			3
5.89	5.91	5.93	16763.66	1.081112			4
6.31	6.33	6.35	6494.551	0.928337			6
Height Summation:			**45308.033**				
Amount Avg CF:			**0.677048**	Linear:			
Aroclor-1268					**5**	**145.25**	
5.89	5.91	5.93	16763.66	0.602664			1
6.08	6.10	6.12	80969.04	3.507723			3
6.14	6.16	6.18	90945.12	15.006251			4
6.31	6.33	6.35	6494.551	0.913017			5
6.51	6.54	6.55	51283.82	1.095369			6
Height Summation:			**246456.191**				
Amount Avg CF:			**4.225005**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0011.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					**5**	**46.82**	
4.26	4.28	4.30	8834.552	0.432948			2
4.35	4.38	4.39	9418.771	0.98267			3
4.42	4.44	4.46	7551.262	0.599124			4
4.64	4.67	4.68	3902.903	0.439839			5
4.72	4.74	4.76	16750.17	1.191395			6
Height Summation:			**46457.658**				
Amount Avg CF:			**0.729195**	Linear:			
Aroclor-1260					**6**	**19.45**	
4.35	4.38	4.39	9418.771	0.631986			1
4.49	4.51	4.53	13983.92	0.817956			2
4.60	4.61	4.64	8955.807	0.647853			3
4.72	4.74	4.76	16750.17	1.004102			4
5.14	5.16	5.18	18663.53	0.866548			5
5.40	5.42	5.44	12605.33	0.988311			6
Height Summation:			**80377.528**				
Amount Avg CF:			**0.826126**	Linear:			
Aroclor-1262					**6**	**39.60**	
4.76	4.77	4.80	4000.096	0.245237			1
4.95	4.97	4.99	7124.349	0.469363			2
5.14	5.16	5.18	18663.53	0.666393			3
5.36	5.37	5.40	4131.237	0.407844			4
5.40	5.42	5.44	12605.33	0.737732			5
5.78	5.80	5.82	6053.317	0.827769			6
Height Summation:			**52577.859**				
Amount Avg CF:			**0.559056**	Linear:			
Aroclor-1268					**6**	**163.38**	
5.36	5.37	5.40	4131.237	0.14235			1
5.40	5.42	5.44	12605.33	0.453004			2
5.56	5.57	5.60	68614.66	2.949405			3
5.62	5.64	5.66	73076.09	12.903756			4
5.78	5.80	5.82	6053.317	0.759012			5
5.98	6.00	6.02	51303.89	0.934744			6
Height Summation:			**215784.524**				
Amount Avg CF:			**3.023712**	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		** 128.08	4	40	
Aroclor-1221			51	15.3		19.17	3	40	
Aroclor-1232			51	12.3		** 136.44	4	40	
Aroclor-1242			51	12.3		** 130.65	4	40	
Aroclor-1248			51	9.9		17.14	4	40	
Aroclor-1254			51	13.2		2.22	4	40	
Aroclor-1260			51	11.7		2.40	4	40	
Aroclor-1262			51	9.9		19.09	4	40	

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: BLANKA 9/14/17 ACF PBLK44256Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0011.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Analysis Report (B)

Injected on : Sep 18, 2017 20:02:13
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0011.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			51	9.9		33.14	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:02:13 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: 07pcbs17250009.0011.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.505		15105	6823
1.536		34691	37321
1.566		8750	5059
1.592		43263	51327
1.64		56340	46650
1.659		99122	159418
1.7		57950	63748
1.72		32738	25949
1.744		79800	81414
1.771		43350	47698
1.8		84517	94171
1.823		60573	53196
1.857		36125	48078
1.872		19912	15940
1.908		20203	18610
1.945		29311	19173
1.966		13003	14390
1.998		14365	8612
2.027		18373	15210
2.048		4327	1531
2.063		14263	7739
2.092		6306	3303
2.107		20838	21287
2.155		32136	43790
2.177		28418	22188
2.202		683659	509494
2.235		25516	17325
2.254		18314	12470
2.268		27360	18284
2.295		30650	20020
2.357		9009	8579
2.391		17453	11817
2.403		16862	10218
2.435		14690	14149
2.462		620786	403401
2.511		15412	14855
2.526		16297	11202
2.551		44498	43505
2.578		11143	11199
2.612		19550	20032
2.668		6154	4630
2.718		10535	6981
2.739		2598	1501
2.753		3833	1954
2.773		24404	14228
2.814		340236	297593
2.942		26851	28417
2.999	TCX	12056750	7505226
3.06		5149	2738
3.149		3500	1989
3.197		99552	78188
3.256		3077	2406
3.307		2542	1571

RT A	Compound A	Height A	Area A
3.329		27249	19507
3.426		3308	1612
3.537		3892	1834
3.555		10832	7139
3.619		4683	4240
3.662		41789	30302
3.727		32299	21205
3.789		6599	4986
3.835		2336	1202
3.857		1747	1116
3.886		953	138
3.893		1051	421
3.909		898	110
3.918		803	172
3.928		1138	455
3.945		920	172
3.953		1178	538
4.019		1240	342
4.067		1644	466
4.148		1721	632
4.169		4102	3403
4.251		13387	13017
4.307		5752	3650
4.359		6124	5699
4.462		4069	5346
4.485		1914	532
4.602		2484	1890
4.717		7459	5788
4.764		4383	4345
4.843		7581	7303
4.932		6499	7393
4.968		5446	4210
4.987		1981	1399
5.043		12988	15856
5.131		4837	4664
5.177		1837	591
5.206		11158	10324
5.247		14229	12156
5.312		4139	3237
5.354		3844	3062
5.396		1427	1333
5.452		3185	2172
5.474		4414	2641
5.507		2086	1442
5.561		1189	539
5.61		8708	8318
5.651		3374	3100
5.708		13497	9968
5.733		27140	21036
5.816		1887	1991
5.849		1982	1608
5.857		1428	274
5.912		16764	18026
5.939		1705	544
5.997		1252	423
6.029		1595	454
6.057		1309	438
6.101		80969	77781
6.164		90945	102720
6.268		1216	514
6.332		6495	5784
6.498		1510	642
6.535		51284	50176
6.682	DCB	3623323	3662638
6.81		2104	1495
6.882		1769	608

RT A	Compound A	Height A	Area A
6.948		1131	1141
7.104		1619	1246
7.128		2768	2044
7.259		2276	1187
7.281		1870	621
7.38		1498	650
7.455		1465	441
7.582		1363	481
7.704		2118	840
7.715		1782	700
7.764		2424	1382
7.816		1987	1243
7.913		1764	479
8.002		1416	860
8.231		1657	3100
8.29		1293	400
8.431		1497	1270
8.543		1925	1305

LANCASTER LABORATORIES

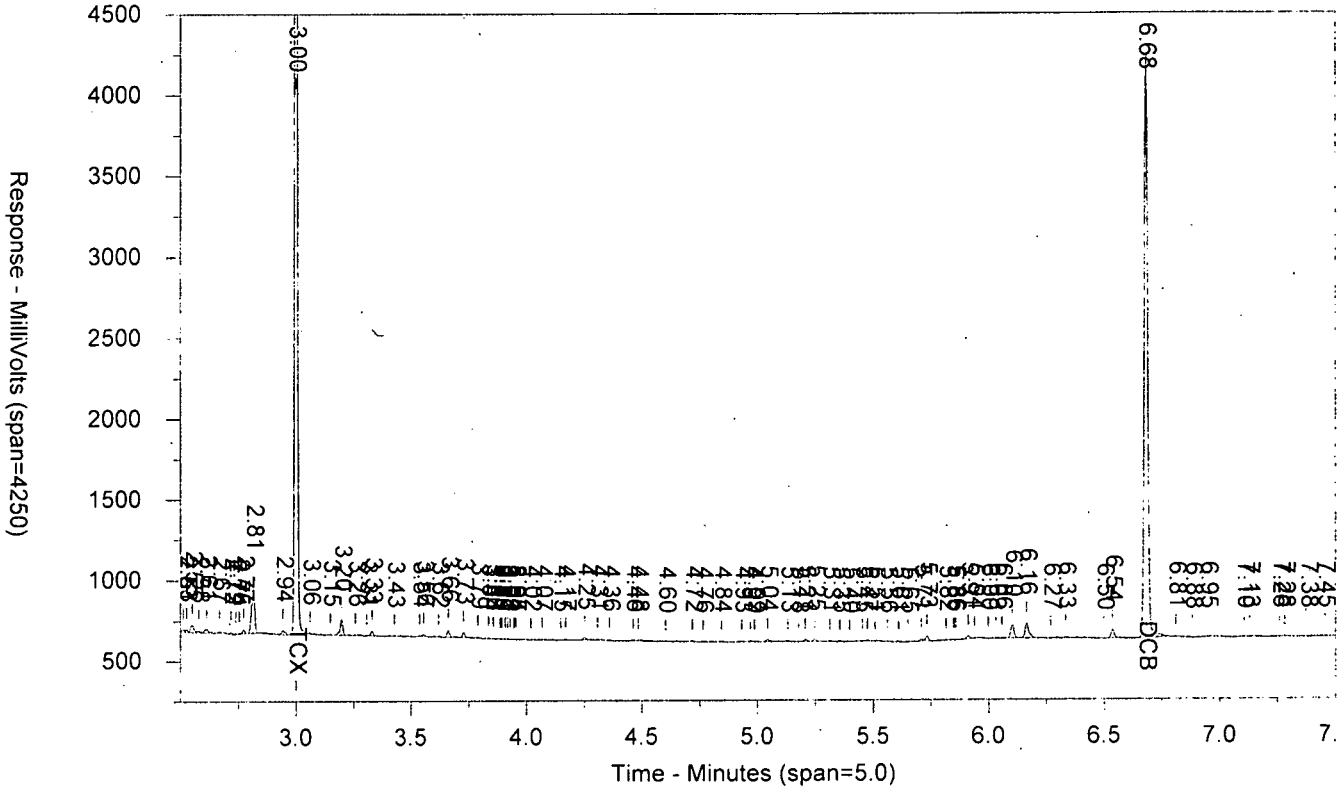
Sample Number: BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:02:13 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0011.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.508		19305	8421
1.528		20362	14131
1.549		33964	29224
1.563		48600	49978
1.59		43428	59809
1.623		35214	28703
1.646		13126	9323
1.663		17633	12715
1.694		21481	26345
1.726		14848	13496
1.745		9121	5120
1.775		14760	13801
1.796		37420	43544
1.843		20822	19094
1.862		35127	26519
1.886		15208	9347
1.91		733535	534942
1.948		25988	15611
1.965		49066	48429
2.026		41846	60646
2.071		14831	12052
2.091		16984	9857
2.117		3876	1576
2.132		23849	11132
2.151		650521	374349
2.175		28227	16003
2.222		13718	8829
2.236		4176	1544
2.249		14634	6488
2.269		12052	9581
2.303		4683	2269
2.319		13915	6803
2.349		11155	9936
2.37		5009	3127
2.388		4636	2881
2.428		24505	17985
2.47		241553	148912
2.496		295494	166200
2.548		4474	4279
2.587		15901	11517
2.626		29952	15961
2.652	TCX	12120500	7365982
2.731		2347	1562
2.771		18896	12533
2.824		3949	4081
2.869		100381	66300
2.908		3220	2557
2.936		3657	1936
2.958		6698	4104
2.986		21014	14191
3.029		3193	2223
3.077		2040	1320
3.1		2428	1367
3.145		2627	2361

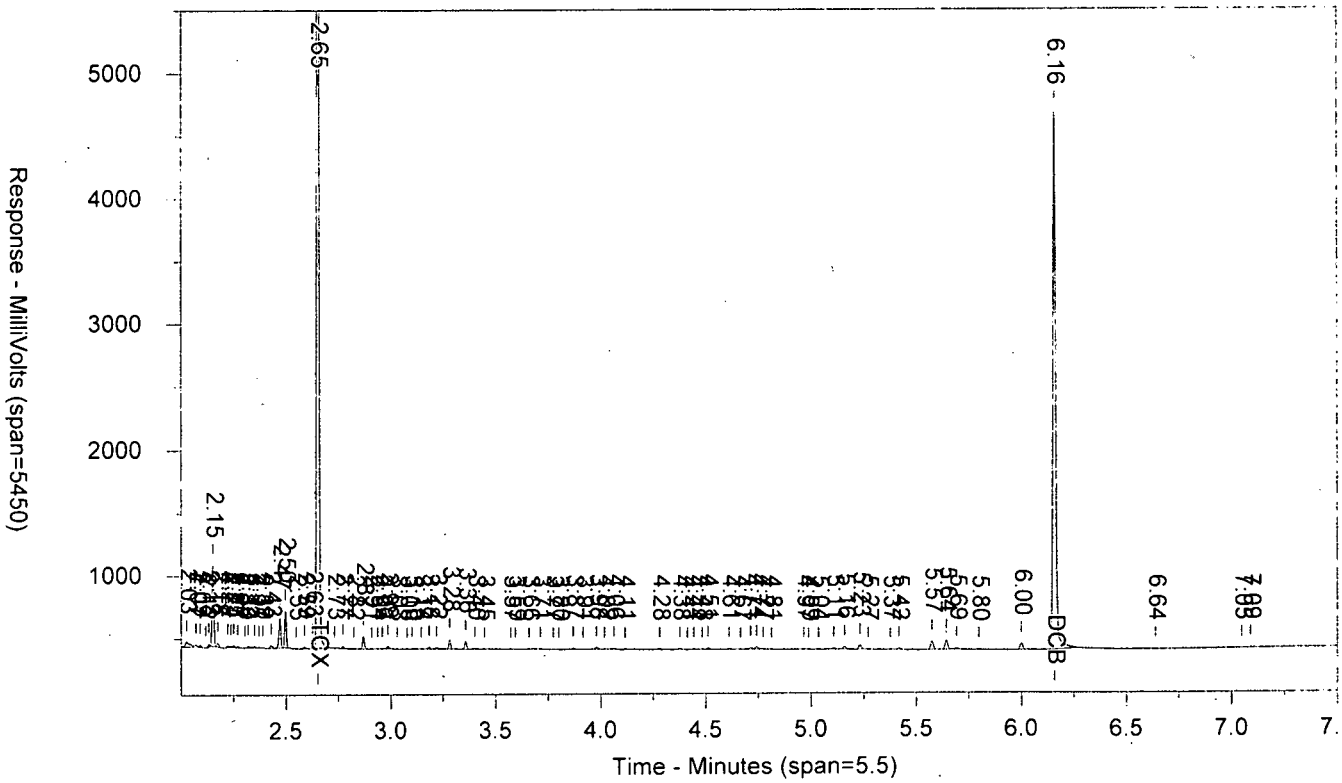
3.183		16680	11520
3.219		13650	15496
3.281		74945	43623
3.357		65087	42099
3.401		10045	11715
3.446		2649	1904
3.572		3546	2331
3.594		2884	4982
3.659		2242	1333
3.713		7984	5325
3.774		3377	2080
3.8		2987	3575
3.868		11965	8356
3.915		2907	1870
3.979		16372	13946
4.017		4217	2727
4.063		11535	14440
4.115		5464	6058
4.281		8835	9863
4.376		9419	9390
4.412		2221	1770
4.443		7551	5416
4.483		4451	2865
4.51		13984	11441
4.611		8956	9067
4.665		3903	3341
4.714		14442	13517
4.742		16750	16962
4.773		4000	3065
4.812		4057	3490
4.966		7124	5900
4.988		3506	2521
5.036		4663	5145
5.108		11206	10175
5.159		18664	17278
5.231		33603	28137
5.27		4646	4812
5.375		4131	3095
5.417		12605	13136
5.574		68615	60767
5.643		73076	63262
5.692		12543	10450
5.798		6053	5010
5.998		51304	45502
6.157	DCB	4280465	3812603
6.64		2176	2524
7.048		978	3422
7.088		1470	1235
8.291		7162	12812

BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0011.RAW



—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0011.RAW



LANCASTER LABORATORIES

Sample Number: BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:02:13 PM 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

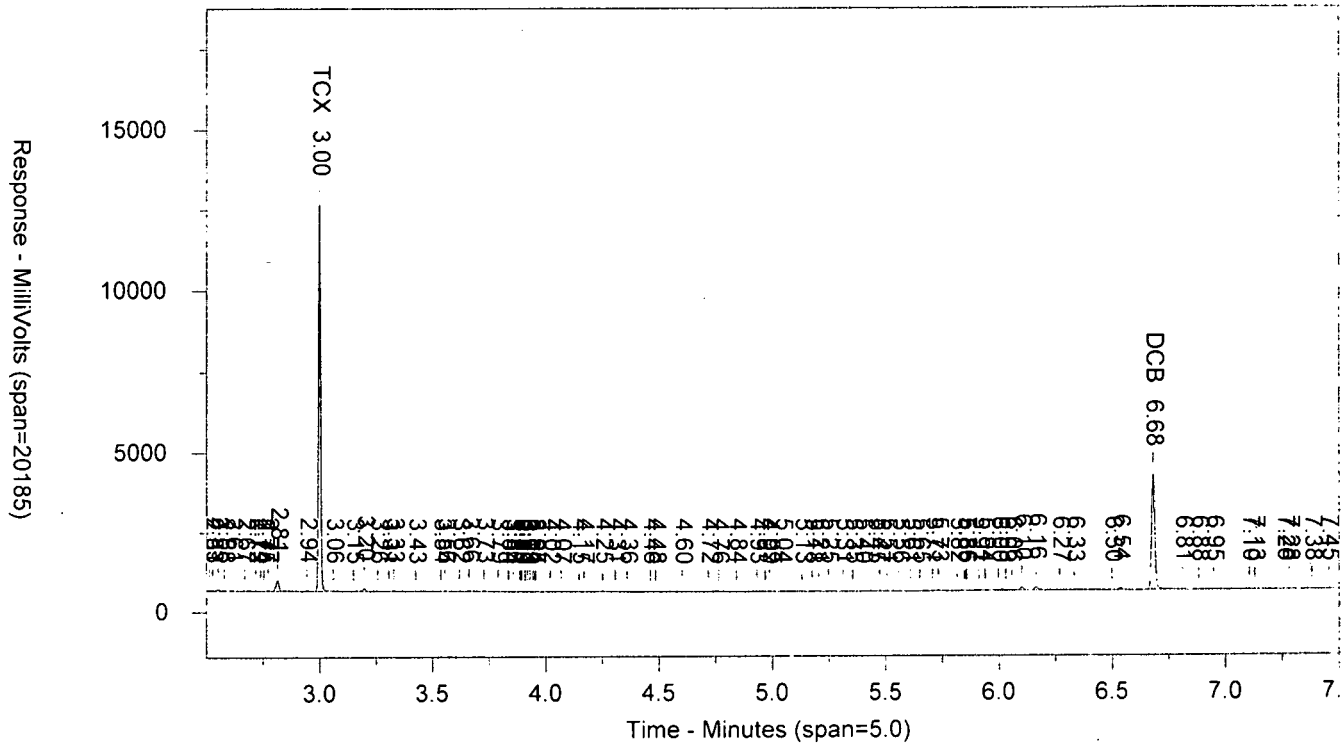
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
2.999	12056750	31.854	TCX	2.652	12120500	31.188	TCX
6.682	3623323	26.844	DCB	6.157	4280465	26.87	DCB

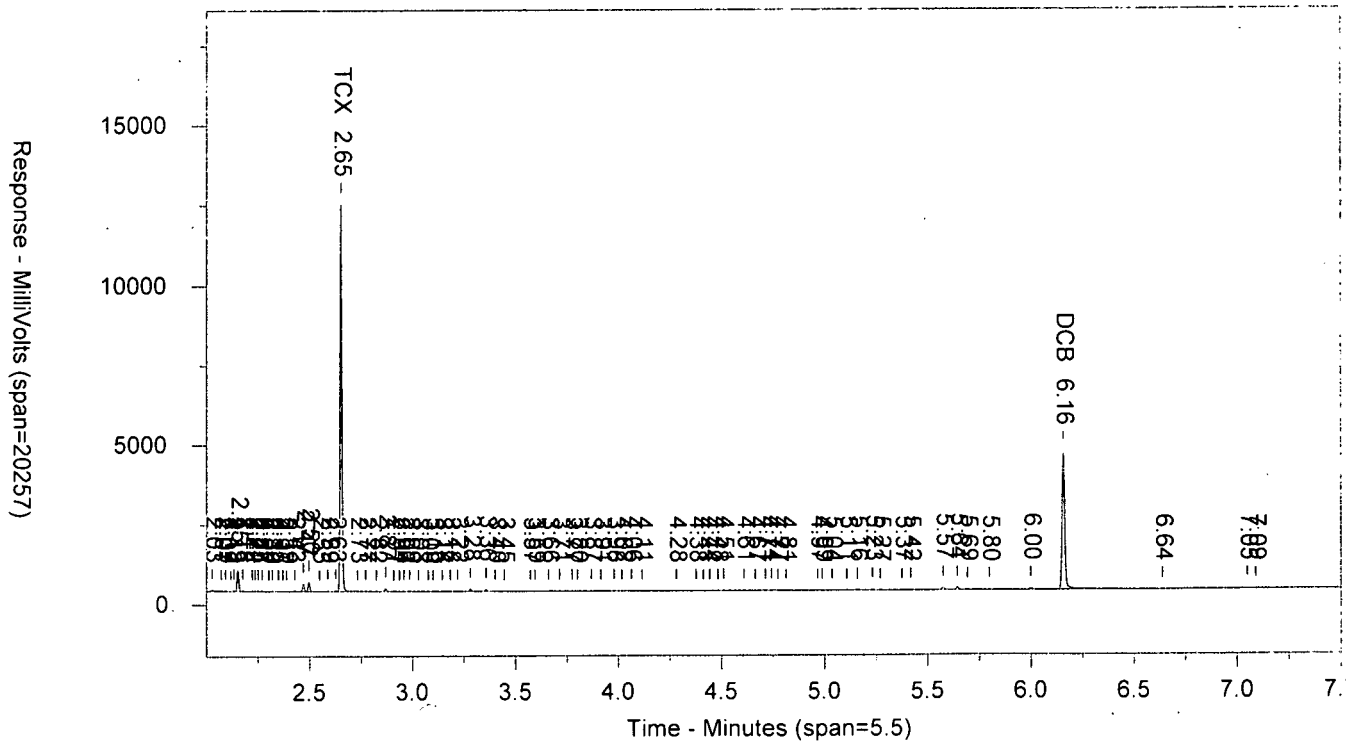
Files:
Area File: 07pcbs17250009.0011.RAW
Area File: 07pcbs17250009B.0011.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 8:10:56 PM
File Reported On: 9/18/2017 at 8:11:06 PM

BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0011.RAW

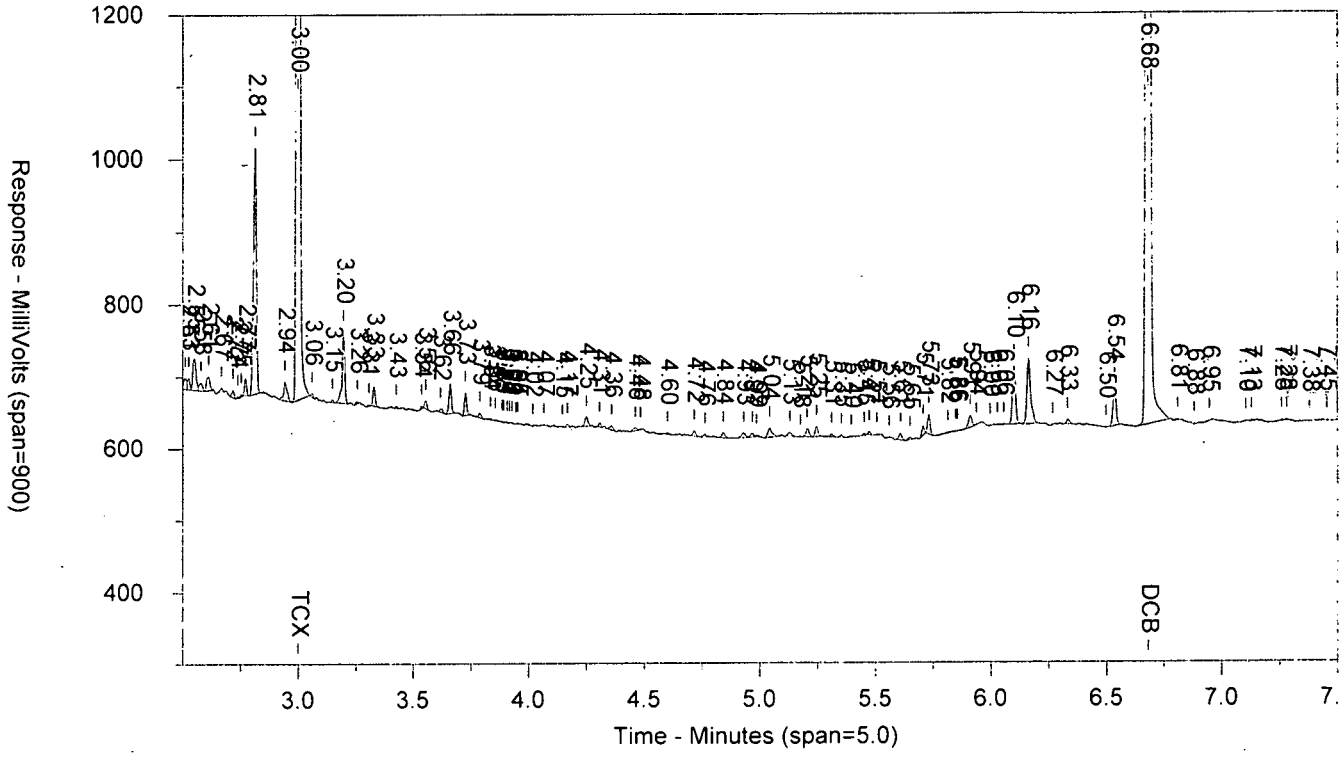


----- \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0011.RAW

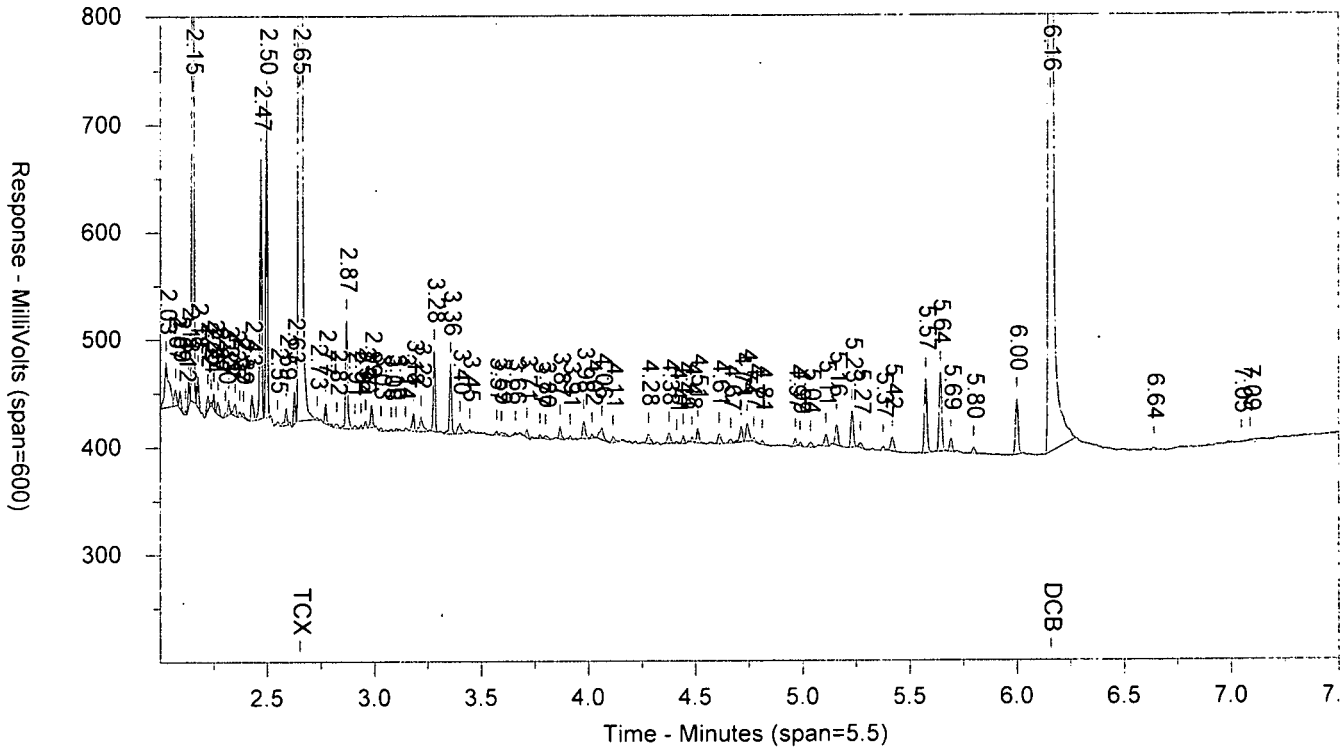


BLANKA 9/14/17 ACF ABPBLK44256 BLK 172560044A 10225 SW-846 8

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0011.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0011.RAW



eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS44256 LCS Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:13:39
Instrument	19843A
Result file	07PCBS17250009.0012.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

%SSR(TCX) 104% (61 - 152) Conc: 31.6355
%SSR(DCB) 102% (48 - 164) Conc: 27.77236

Analysis Report (B)

Injected on	Sep 18, 2017 20:13:39
Instrument	19843B
Result file	07PCBS17250009B.0012.RAW
Calibration file	07PCBS1725001B
Method file	07PCBSB

%SSR(TCX) 106% (61 - 152) Conc: 32.38542
%SSR(DCB) 99% (48 - 164) Conc: 26.87832

Single Component Data

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.97	3.00	3.03	11974130	31.6355
Decachlorobiphenyl	6.65	6.68	6.71	3748682	27.77236

Compound	Min	RT	Max	Height	Amount
Tetrachloro-m-xylene	2.62	2.65	2.68	12585700	32.38542
Decachlorobiphenyl	6.13	6.16	6.19	4281830	26.87832

Single Component Summary

Compound Name	Column	Amount Found	LOQ	MDL	Qualifiers	%RPD	Comments
☐ Tetrachloro-m-xylene	B	32.38542				2.34	
☐ Tetrachloro-m-xylene-D1	A	31.6355					
☐ Tetrachloro-m-xylene-D2	B	32.38542					
☐ Decachlorobiphenyl	A	27.77236				3.27	
☐ Decachlorobiphenyl-D1	A	27.77236					
☐ Decachlorobiphenyl-D2	B	26.87832					

Multiple Component Data

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**7.10**	
3.23	3.25	3.27	2933815	446.256705			1
3.45	3.47	3.49	3107097	461.723016			2
3.56	3.58	3.60	3783372	471.621971			3
3.74	3.76	3.78	4273616	544.135538			4
3.78	3.80	3.82	4329803	469.740779			5
3.91	3.93	3.95	2690412	475.845277			6
Height summation:			**21118115**				
Concentration		CF:	**478.220548**	L:			
Aroclor-1260						**4.68**	
4.82	4.84	4.86	6741952	463.225145			1
5.02	5.04	5.06	7023116	491.592259			2
5.23	5.25	5.27	6896175	508.711258			3
5.45	5.47	5.49	3679623	468.730732			4
5.69	5.71	5.73	8995851	467.938255			5
5.89	5.91	5.93	5610271	446.245287			6
Height summation:			**38946988**				
Concentration		CF:	**474.407156**	L:			

Min	RT	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016						**2.10**	
2.92	2.94	2.96	3051373	453.691454			1
3.12	3.14	3.16	3850605	450.170676			2
3.25	3.26	3.29	3782495	447.383966			3
3.40	3.42	3.44	4285406	472.927301			4
3.44	3.46	3.48	3951309	464.269158			5
3.57	3.59	3.61	3188208	454.798249			6
Height summation:			**22109396**				
Concentration		CF:	**457.206801**	L:			
Aroclor-1260						**2.15**	
4.35	4.37	4.39	7005644	470.068865			1
4.49	4.51	4.53	8300302	485.506565			2
4.60	4.61	4.64	6301178	455.820216			3
4.72	4.74	4.76	7957306	477.006708			4
5.14	5.16	5.18	10266600	476.678508			5
5.40	5.42	5.44	6112074	479.21238			6
Height summation:			**45943104**				
Concentration		CF:	**474.048874**	L:			

Reviewed and digitally signed by Kirby B Turner on 9/21/2017 13:15:02

eurofins | Lancaster Laboratories Environmental

Data Summary

Sample Name: LCSA 9/14/17 ACF LCS44256 LCS Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 g Total Volume: 10 ml Analyst: 9065 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	Sep 18, 2017 20:13:39
Instrument	19843A
Result file	07PCBS17250009.0012.RAW
Calibration file	07PCBS1725001
Method file	07PCBS

Analysis Report (B)

Injected on	Sep 18, 2017 20:13:39
Instrument	19843B
Result file	07PCBS17250009B.0012.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	478.220548	51	9.9		4.49	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	474.048874	51	11.7		0.08	4	
PCB-1262			<51	<9.9			4	
PCB-1268			<51	<9.9			4	
Total PCBs	A	952.269421	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 13:15:02

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS44256 Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:13:39
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0012.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**7.10**	
3.23	3.25	3.27	2933815	446.256705			1
3.45	3.47	3.49	3107097	461.723016			2
+ 3.45	3.48	3.49	1534590	228.044224			2
3.56	3.58	3.60	3783372	471.621971			3
+ 3.74	3.75	3.78	1937212	246.65433			4
3.74	3.76	3.78	4273616	544.135538			4
3.78	3.80	3.82	4329803	469.740779			5
3.91	3.93	3.95	2690412	475.845277			6
Height Summation:			**21118115**				
Amount Avg CF:			**478.220548**	Linear:			
Aroclor-1221					**3**	**36.18**	
3.13	3.15	3.17	507519.1	166.733004			1
E 3.18	3.20	3.22	658328.4	236.444087			2
E 3.23	3.25	3.27	2933815	345.949178			3
Height Summation:			**4099662.5**				
Amount Avg CF:			**249.708756**	Linear:			
Aroclor-1232					**6**	**31.25**	
E 3.23	3.25	3.27	2933815	380.381057			1
E 3.45	3.47	3.49	3107097	964.73234			2
E+ 3.45	3.48	3.49	1534590	476.479686			2
E 3.56	3.58	3.60	3783372	980.36469			3
E+ 3.74	3.75	3.78	1937212	535.117856			4
E 3.74	3.76	3.78	4273616	1180.504885			4
E 3.78	3.80	3.82	4329803	958.412532			5
E 3.91	3.93	3.95	2690412	1183.010849			6
Height Summation:			**21118115**				
Amount Avg CF:			**941.234392**	Linear:			
Aroclor-1242					**6**	**4.46**	
E 3.23	3.25	3.27	2933815	333.286189			1
E 3.45	3.47	3.49	3107097	351.108607			2
+ 3.45	3.48	3.49	1534590	173.411953			2
E 3.56	3.58	3.60	3783372	358.670235			3
+ 3.74	3.75	3.78	1937212	166.671141			4
E 3.74	3.76	3.78	4273616	367.687405			4
E 3.78	3.80	3.82	4329803	339.594257			5
E 3.91	3.93	3.95	2690412	373.858638			6
Height Summation:			**21118115**				
Amount Avg CF:			**354.034222**	Linear:			
Aroclor-1248					**6**	**53.47**	
E 3.78	3.80	3.82	4329803	952.900554			1
3.84	3.86	3.88	3902580	807.37634			2
3.91	3.93	3.95	2690412	334.277664			3
4.03	4.06	4.07	2903274	319.458768			4
4.12	4.15	4.16	2957199	375.834398			5
4.30	4.31	4.34	2981960	354.80389			6
+ 4.30	4.33	4.34	623487.4	74.184682			6
Height Summation:			**19765228**				
Amount Avg CF:			**524.108602**	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:13:39
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0012.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1016					**6**	**2.10**	
2.92	2.94	2.96	3051373	453.691454			1
3.12	3.14	3.16	3850605	450.170676			2
3.25	3.26	3.29	3782495	447.383966			3
+ 3.40	3.41	3.44	2457203	271.171129			4
3.40	3.42	3.44	4285406	472.927301			4
+* 3.40	3.44	3.44	160292.8	17.689535			4
+* 3.44	3.44	3.48	160292.8	18.834013			5
3.44	3.46	3.48	3951309	464.269158			5
3.57	3.59	3.61	3188208	454.798249			6
+ 3.57	3.61	3.61	970967.8	138.508672			6
Height Summation:			**22109396**				
Amount Avg CF:			**457.206801**	Linear:			
Aroclor-1221					**3**	**33.80**	
2.80	2.82	2.84	606124.2	165.45679			1
+ 2.86	2.87	2.90	43440.86	18.904829			2
E 2.86	2.88	2.90	607973.1	264.581033			2
E 2.92	2.94	2.96	3051373	337.81915			3
Height Summation:			**4265470.3**				
Amount Avg CF:			**255.952324**	Linear:			
Aroclor-1232					**6**	**29.34**	
E 2.92	2.94	2.96	3051373	370.836337			1
E 3.12	3.14	3.16	3850605	891.627724			2
E 3.25	3.26	3.29	3782495	905.553245			3
E+ 3.40	3.41	3.44	2457203	589.254496			4
E 3.40	3.42	3.44	4285406	1027.670386			4
+* 3.44	3.44	3.48	160292.8	37.746946			5
+* 3.40	3.44	3.44	160292.8	38.439337			4
E 3.44	3.46	3.48	3951309	930.483753			5
E 3.57	3.59	3.61	3188208	1081.728258			6
E+ 3.57	3.61	3.61	970967.8	329.44002			6
Height Summation:			**22109396**				
Amount Avg CF:			**867.983284**	Linear:			
Aroclor-1242					**6**	**19.38**	
E 2.92	2.94	2.96	3051373	328.078518			1
E 3.12	3.14	3.16	3850605	509.806946			2
E 3.25	3.26	3.29	3782495	342.270535			3
+ 3.40	3.41	3.44	2457203	186.753882			4
E 3.40	3.42	3.44	4285406	325.702112			4
+* 3.44	3.44	3.48	160292.8	13.607256			5
+* 3.40	3.44	3.44	160292.8	12.182674			4
E 3.44	3.46	3.48	3951309	335.426636			5
E 3.57	3.59	3.61	3188208	359.78888			6
+ 3.57	3.61	3.61	970967.8	109.573597			6
Height Summation:			**22109396**				
Amount Avg CF:			**366.845605**	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS44256 Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on : Sep 18, 2017 20:13:39
Instrument : CP 7--19843A
Result file : 07PCBS17250009.0012.RAW
Calibration file : 07PCBS1725001.CAL
Method file : 07PCBS.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1254					6	89.66	
4.29	4.31	4.32	2981960	329.047995			1
+ 4.63	4.66	4.67	414121.2	43.088275			2
4.63	4.67	4.67	748025.9	77.830223			2
4.69	4.72	4.73	2024241	99.555948			3
4.91	4.93	4.95	1043687	83.970589			4
5.11	5.13	5.15	3080932	433.223852			5
5.23	5.25	5.27	6896175	738.171305			6
Height Summation:			16775020.9				
Amount Avg CF:			293.633318	Linear:			
Aroclor-1260					6	4.68	
4.82	4.84	4.86	6741952	463.225145			1
5.02	5.04	5.06	7023116	491.592259			2
5.23	5.25	5.27	6896175	508.711258			3
5.45	5.47	5.49	3679623	468.730732			4
5.69	5.71	5.73	8995851	467.938255			5
5.89	5.91	5.93	5610271	446.245287			6
Height Summation:			38946988				
Amount Avg CF:			474.407156	Linear:			
Aroclor-1262					6	30.54	
E 5.29	5.31	5.33	3205695	275.244138			1
E 5.45	5.47	5.49	3679623	355.389853			2
E 5.69	5.71	5.73	8995851	395.975392			3
E 5.89	5.91	5.93	5610271	361.814399			4
5.95	5.97	5.99	1145433	146.812984			5
E 6.31	6.33	6.35	1819942	260.144218			6
Height Summation:			24456815				
Amount Avg CF:			299.230164	Linear:			
Aroclor-1268					6	93.98	
E 5.89	5.91	5.93	5610271	201.692588			1
5.95	5.97	5.99	1145433	47.621024			2
6.08	6.10	6.12	189276.6	8.1998			3
+ 6.14	6.16	6.18	18785.47	3.099666			4
6.14	6.18	6.18	901038.1	148.674315			4
E 6.31	6.33	6.35	1819942	255.851001			5
6.51	6.53	6.55	468629.7	10.009446			6
Height Summation:			10134590.4				
Amount Avg CF:			112.008029	Linear:			

Analysis Report (B)

Injected on : Sep 18, 2017 20:13:39
Instrument : CP 7--19843B
Result file : 07PCBS17250009B.0012.RAW
Calibration file : 07PCBS1725001B.CAL
Method file : 07PCBSB.MET

Min	R.T.	Max	Height	Amount	Pks	%RSD	Peak
Aroclor-1248					6	59.62	
+ 3.44	3.44	3.48	160292.8	41.121839			1
E 3.44	3.46	3.48	3951309	1013.676791			1
3.51	3.53	3.55	4462526	835.114835			2
3.55	3.57	3.59	2996086	325.600631			3
3.67	3.69	3.71	3653991	330.273514			4
+ 3.76	3.77	3.80	797577.2	104.256791			5
3.76	3.78	3.80	2887227	377.409262			5
3.90	3.92	3.94	4090797	281.109686			6
Height Summation:			22041936				
Amount Avg CF:			527.197453	Linear:			
Aroclor-1254					6	110.47	
4.20	4.22	4.24	888012.9	76.9467			1
+ 4.26	4.26	4.30	874356.4	42.848902			2
+ 4.26	4.28	4.30	847398.1	41.527778			2
4.26	4.29	4.30	2110445	103.424933			2
4.35	4.37	4.39	7005644	730.905844			3
4.42	4.44	4.46	671664.6	53.290448			4
4.64	4.67	4.68	791607.9	89.210544			5
4.72	4.74	4.76	7957306	565.981962			6
Height Summation:			19424680.4				
Amount Avg CF:			269.960072	Linear:			
Aroclor-1260					6	2.15	
4.35	4.37	4.39	7005644	470.068865			1
4.49	4.51	4.53	8300302	485.506565			2
4.60	4.61	4.64	6301178	455.820216			3
4.72	4.74	4.76	7957306	477.006708			4
5.14	5.16	5.18	10266600	476.678508			5
5.40	5.42	5.44	6112074	479.21238			6
Height Summation:			45943104				
Amount Avg CF:			474.048874	Linear:			
Aroclor-1262					6	25.74	
E 4.76	4.77	4.80	3747952	229.778169			1
E 4.95	4.96	4.99	4803256	316.445773			2
E 5.14	5.16	5.18	10266600	366.575093			3
5.36	5.37	5.40	1858164	183.441527			4
E 5.40	5.42	5.44	6112074	357.711778			5
E 5.78	5.80	5.82	1890466	258.514349			6
Height Summation:			28678512				
Amount Avg CF:			285.411115	Linear:			
Aroclor-1268					6	114.94	
5.36	5.37	5.40	1858164	64.026532			1
E 5.40	5.42	5.44	6112074	219.652639			2
5.56	5.57	5.60	158927.9	6.831526			3
5.62	5.64	5.66	124738.7	22.026326			4
E 5.78	5.80	5.82	1890466	237.041191			5
5.98	6.00	6.02	478736.4	8.722461			6
Height Summation:			10623107				
Amount Avg CF:			93.050112	Linear:			

Eurofins Lancaster Laboratories-Multiple Component Data Summary

Sample Name: **LCSA 9/** 14/17 ACF LCS44256 Sample ID: AB **Batchnumber: 172560044A**
Sample Amount: 10 Total Volume: 10 ml Analyst: 0492 SDG: State:
Analyses: 10225

Analysis Report (A)

Injected on	: Sep 18, 2017 20:13:39
Instrument	: CP 7--19843A
Result file	: 07PCBS17250009.0012.RAW
Calibration file	: 07PCBS1725001.CAL
Method file	: 07PCBS.MET

Analysis Report (B)

Injected on	: Sep 18, 2017 20:13:39
Instrument	: CP 7--19843B
Result file	: 07PCBS17250009B.0012.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						4.49	4	40	
Aroclor-1221						2.47	3	40	
Aroclor-1232						8.10	4	40	
Aroclor-1242						3.55	4	40	
Aroclor-1248						0.59	4	40	
Aroclor-1254						8.40	4	40	
Aroclor-1260						0.08	4	40	
Aroclor-1262						4.73	4	40	
Aroclor-1268						18.49	4	40	

Units: ug/kg

LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:13:39 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: 07pcbs17250009.0012.RAW
Method File: 07PCBS.MET
Calibration File: 07PCBS1725001.CAL

RT A	Compound A	Height A	Area A
1.504		13129	6977
1.536		22062	23149
1.567		6378	2816
1.592		31665	36616
1.639		67087	65381
1.66		60660	93063
1.699		41789	50741
1.721		24564	23530
1.743		41843	43050
1.773		48998	50136
1.799		57007	64903
1.823		41836	42104
1.857		24457	28530
1.872		16955	14336
1.908		13962	14470
1.945		26695	18989
1.969		5492	6156
1.999		7765	4265
2.027		13223	10455
2.072		11435	13204
2.108		9908	10529
2.156		26221	36636
2.176		21453	17196
2.201		506259	366774
2.235		19822	16576
2.253		16987	10878
2.268		21599	15410
2.295		36557	25222
2.353		8221	7451
2.39		15266	9838
2.403		17047	10783
2.434		13883	13085
2.461		81266	56704
2.512		8001	6887
2.526		7120	4746
2.553		31268	25035
2.577		7898	7054
2.635		33296	21774
2.718		6761	4482
2.772		17927	10542
2.807		15517	8585
2.895		2079	600
2.91		6620	4274
2.943		12095	10435
3	TCX	11974130	7648429
3.147		507519	428007
3.203		658328	486050
3.251		2933815	1963115
3.329		6473	3416
3.344		375808	247358
3.385		10845	8149
3.426		3203	2091
3.466		3107097	1838457

RT A	Compound A	Height A	Area A
3.483		1534590	833594
3.521		392247	222963
3.536		72255	26262
3.548		202371	106330
3.581		3783372	2648824
3.618		22120	11485
3.633		15669	7181
3.657		163509	120670
3.691		865444	491627
3.706		446800	225912
3.75		1937212	1167447
3.761		4273616	2103376
3.8		4329803	3288695
3.86		3902580	2841245
3.901		312999	216525
3.929		2690412	1878876
3.957		1850391	1513775
3.979		571390	295790
4.03		2181	703
4.056		2903274	2011910
4.08		1004729	654106
4.111		1123717	790692
4.146		2957199	2804720
4.187		889743	723618
4.233		135536	114640
4.272		187714	143408
4.308		2981960	2114561
4.326		623487	324995
4.351		793103	592796
4.421		474196	407823
4.464		3079921	2900252
4.499		121748	83711
4.539		5249	2883
4.562		37622	28460
4.603		333178	312385
4.656		414121	281791
4.672		748026	519638
4.717		2024241	1796813
4.766		2906844	3173335
4.804		680382	499340
4.843		6741952	6023798
4.887		58849	47514
4.931		1043687	1101042
4.962		79400	50413
4.99		1092845	987105
5.042		7023116	8247144
5.094		1221331	1096219
5.134		3080933	3135511
5.176		36457	18078
5.212		526324	629849
5.246		6896175	5947594
5.269		306057	140967
5.288		96024	41365
5.312		3205695	2821805
5.355		2017014	1868350
5.449		817358	662178
5.474		3679623	3087095
5.53		1981683	1769431
5.569		1128965	1139502
5.61		207869	204533
5.651		1282900	1312875
5.708		8995851	9048743
5.796		8500	8007
5.855		5071	4660
5.911		5610271	5004542
5.942		339549	199915

RT A	Compound A	Height A	Area A
5.966		1145433	1227773
6.053		3617	2302
6.1		189277	172791
6.157		18785	39176
6.18		901038	803081
6.334		1819942	1755352
6.378		132807	118514
6.413		6498	6526
6.535		468630	484247
6.603		1464	705
6.681	DCB	3748682	3809355
6.914		1566	763
7.009		1333	629
7.038		1042	441
7.359		2400	1933
7.56		2664	2761
7.641		1520	479
7.716		1735	2172
7.784		1184	612
7.825		1811	1058
8.006		1439	2206
8.054		1390	468
8.095		1186	809
8.138		1469	365
8.222		953	349
8.248		1774	655
8.293		2100	975
8.433		1182	370
8.465		1769	849
8.636		1740	800
8.662		1322	346

LANCASTER LABORATORIES

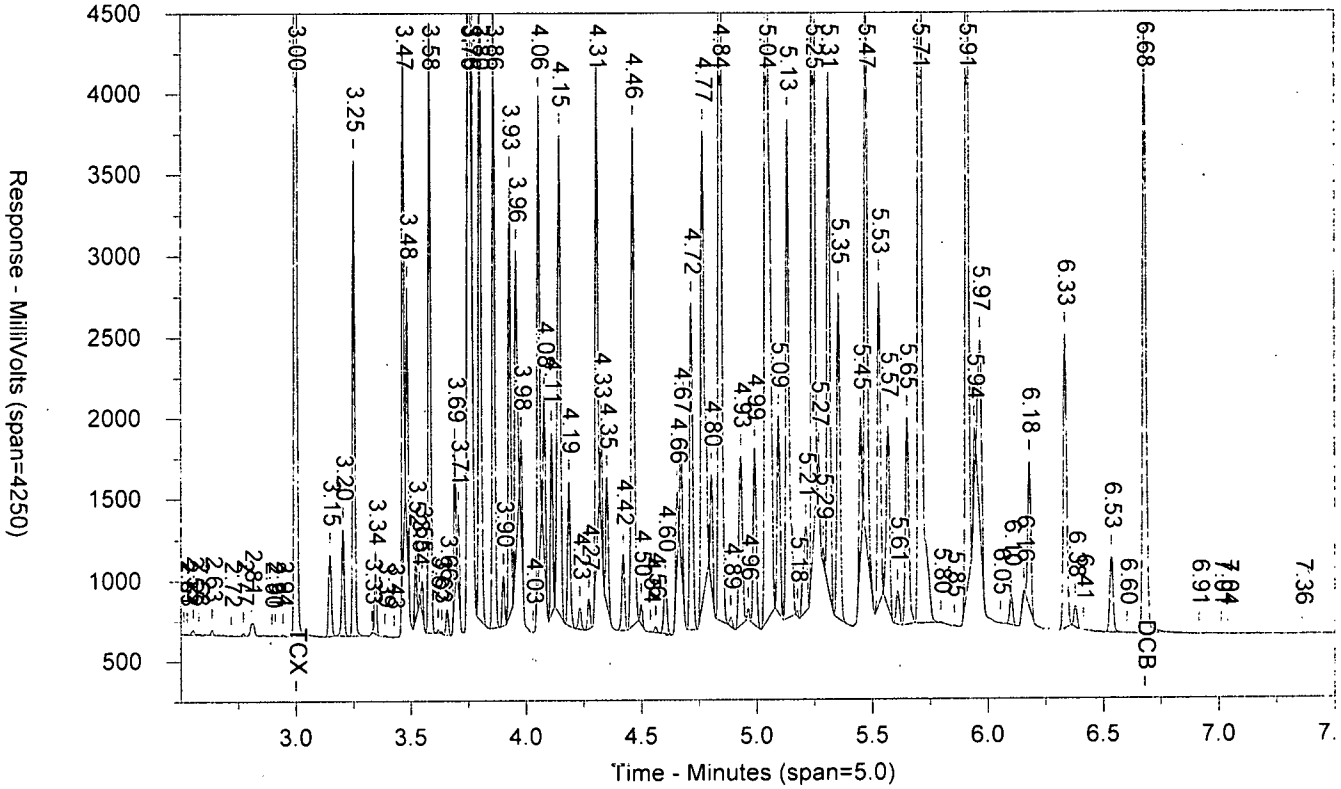
Sample Number: LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:13:39 PM Injection Volume: 1 ul
Instrument ID: CP7-19843A Analyst: 492
Oven Parameters: 110c to 250c @ 40c/min, to 280c @ 20c/min, to 330c @ 30c/min, hold 2 min
Column A ID: ZB Multiresidue-1 30m x 0.32mm x 0.5um
Column B ID: ZB Multiresidue-2 30m x 0.32mm x 0.25um
Data File: 07pcbs17250009B.0012.RAW
Method File: 07PCBSB.MET
Calibration File: 07PCBS1725001B.CAL

RT B	Compound B	Height B	Area A
1.529		8412	5675
1.547		16890	13761
1.563		29496	31134
1.59		26380	33518
1.624		18480	14563
1.664		7676	4881
1.693		12926	16000
1.725		7188	5497
1.797		18573	34926
1.843		15532	15784
1.862		17071	12066
1.884		9928	7126
1.91		517588	371062
1.965		40430	43709
2.026		27348	22904
2.07		7889	5570
2.091		16702	10392
2.132		22842	11550
2.151		80719	45636
2.176		8367	5236
2.222		8681	5286
2.236		6544	4446
2.269		9707	8933
2.304		2636	1660
2.336		38189	35274
2.388		2811	1282
2.428		18103	12841
2.47		122331	72878
2.496		47992	26115
2.588		6884	5302
2.607		8561	5076
2.626		14153	7751
2.652	TCX	12585700	7499787
2.695		266164	201797
2.772		16448	9374
2.823		606124	407657
2.869		43441	18636
2.883		607973	350451
2.935		3051373	1882733
2.986		21777	12220
3.047		411247	267402
3.143		3850605	3807825
3.194		485327	297948
3.215		231405	128029
3.24		325183	182205
3.264		3782495	2541699
3.301		143981	83154
3.347		986677	519538
3.363		534677	261479
3.39		5668	2500
3.413		2457203	1106267
3.422		4285406	1849242
3.442		160293	56139
3.456		3951309	2648884

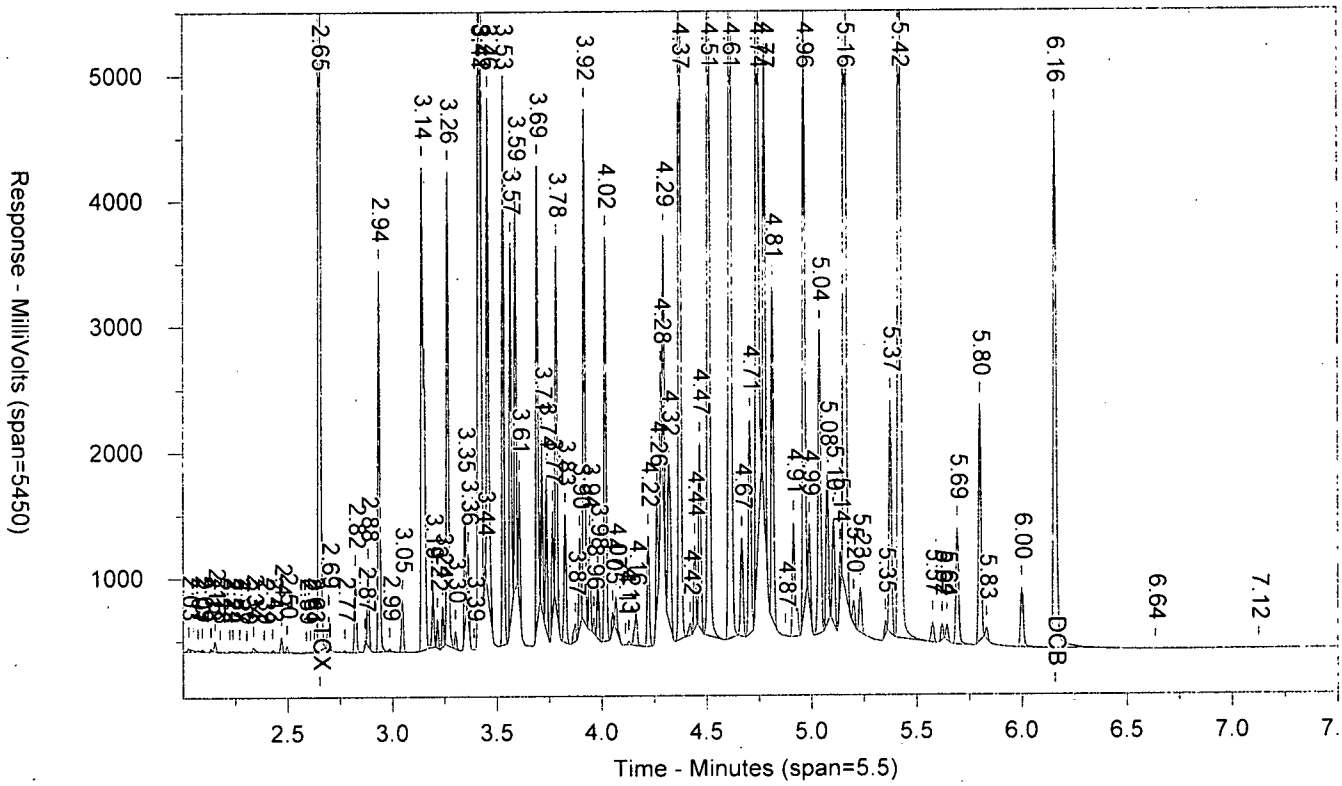
3.53		4462527	2674805
3.565		2996087	1827775
3.589		3188208	1741235
3.606		970968	495421
3.692		3653991	2365635
3.714		1357393	723031
3.736		1239231	733346
3.765		797577	431681
3.783		2887227	1771390
3.825		1030834	738472
3.873		142159	125496
3.895		718380	428061
3.917		4090797	2604462
3.942		745163	447479
3.962		128155	61584
3.981		487977	300309
4.017		3221764	2195863
4.051		138264	80583
4.067		256405	164442
4.112		3548	1363
4.128		29230	18807
4.162		256464	249032
4.22		888013	631737
4.263		874356	517313
4.281		847398	400980
4.294		2110445	1164563
4.32		1259809	1253562
4.372		7005644	5155950
4.42		97526	77281
4.443		671665	442434
4.467		1479655	1088332
4.51		8300302	6149113
4.613		6301178	6119890
4.667		791608	655783
4.705		1707086	1461749
4.742		7957307	6642764
4.775		3747952	2542339
4.813		2650906	2012123
4.874		8662	8890
4.913		912098	879831
4.964		4803257	3644019
4.989		626565	401746
5.039		2420746	2102542
5.075		1187236	935270
5.105		829766	686868
5.137		311746	187912
5.158		10266600	8268782
5.2		181219	130642
5.231		361270	295494
5.35		105126	65295
5.374		1858164	1501434
5.418		6112074	6613604
5.575		158928	136892
5.62		128716	97668
5.643		124739	88701
5.691		931839	836410
5.8		1890466	1554452
5.831		88417	65250
5.998		478736	452358
6.157	DCB	4281830	4066965
6.637		2608	2413
7.124		1474	3254
8.2		1615	1490
8.293		7689	11974

LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0012.RAW



\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0012.RAW



LANCASTER LABORATORIES

Sample Number: LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 8082
Injected On: 9/18/2017 8:13:39 PM
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

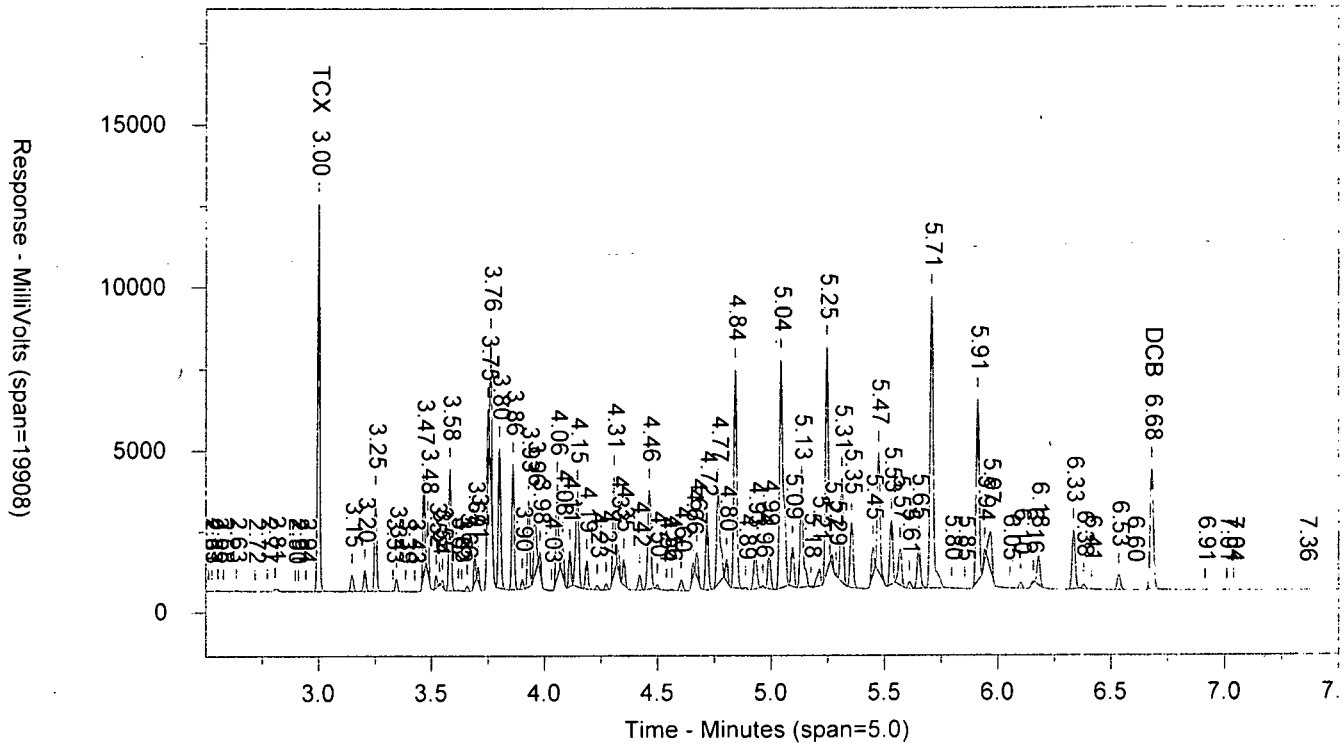
Analyst: 492

RT A	Height A	Amount A - PPB	Compound A	RT B	Height B	Amount B - PPB	Compound B
3	11974130	31.636	TCX	2.652	12585700	32.385	TCX
6.681	3748682	27.772	DCB	6.157	4281830	26.878	DCB

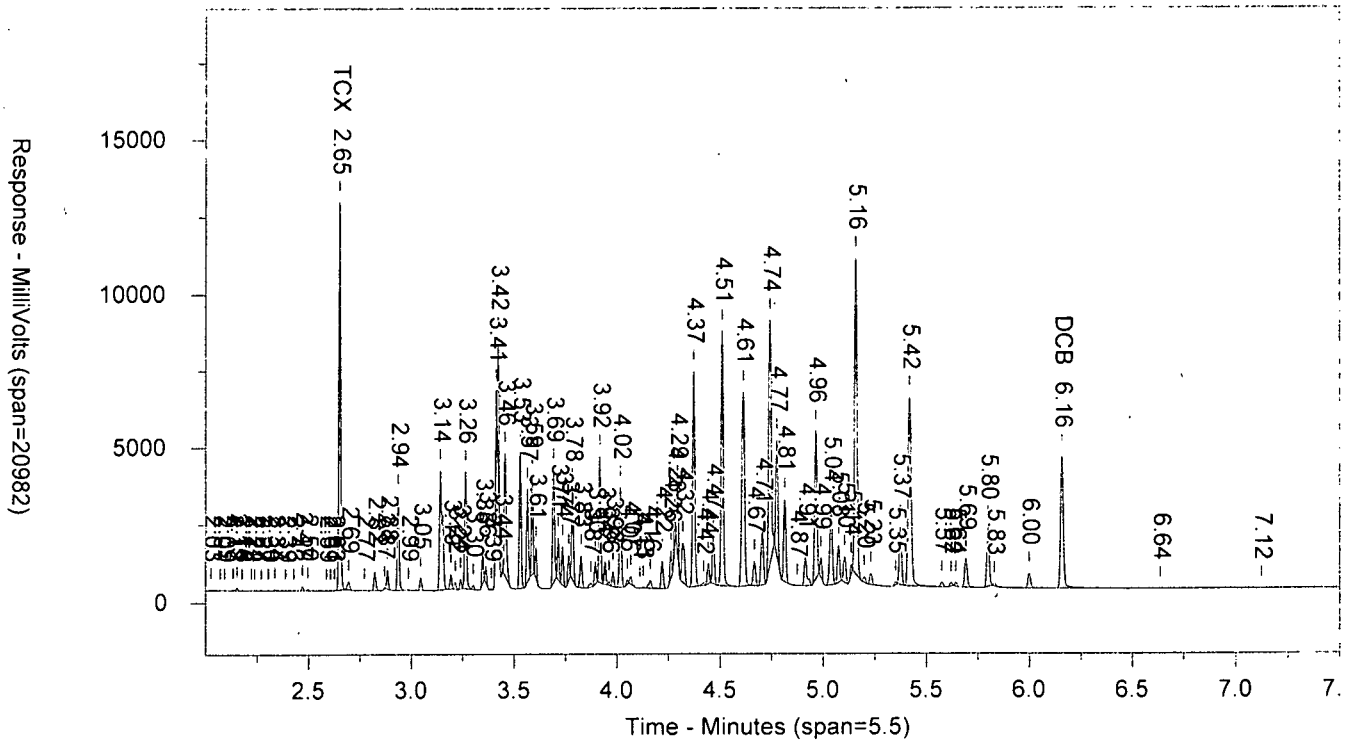
Files:
Area File: 07pcbs17250009.0012.RAW
Area File: 07pcbs17250009B.0012.RAW
Method A: 07PCBS.MET
Method B: 07PCBSB.MET
Calibration File A: 07PCBS1725001.CAL
Calibration File B: 07PCBS1725001B.CAL
Format A: pestD7.FMTA
Format B: pestD7.FMTB
Area File Created On: 9/18/2017 8:22:22 PM
File Reported On: 9/18/2017 at 8:22:30 PM

LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 80

\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0012.RAW

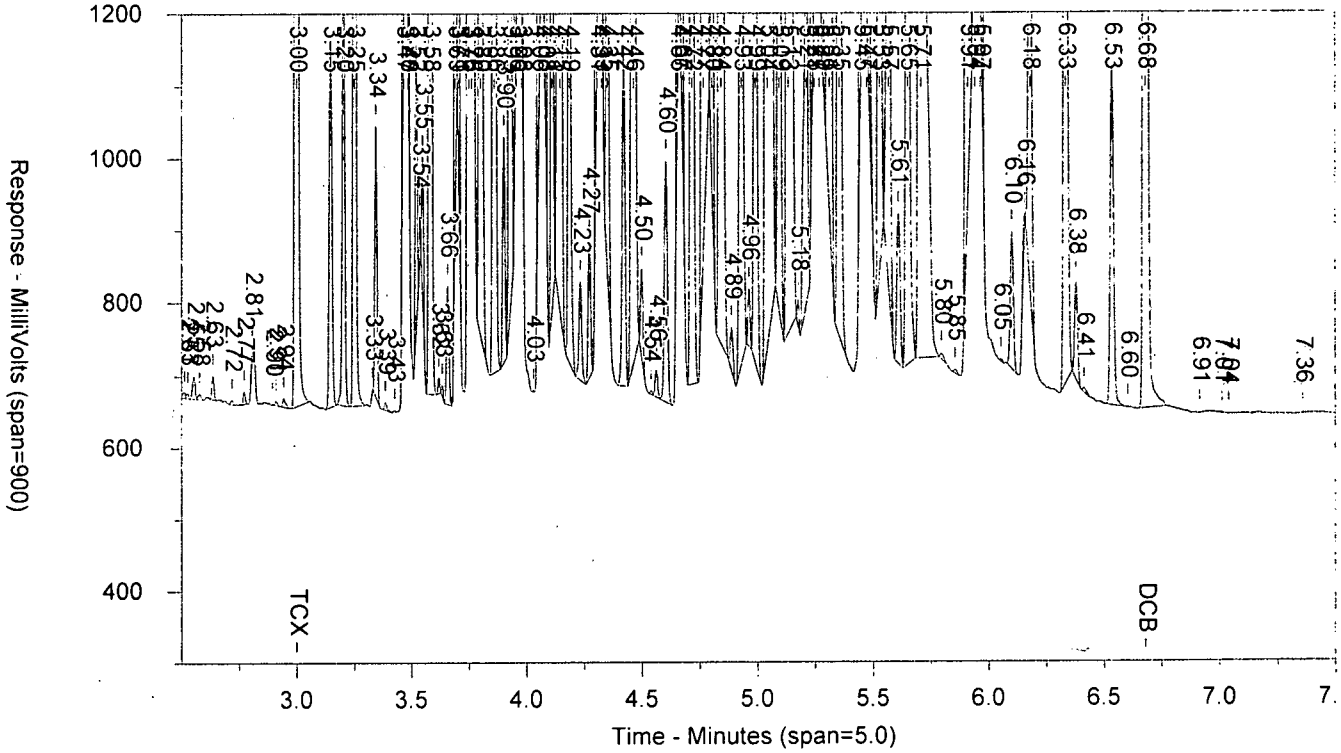


\\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0012.RAW

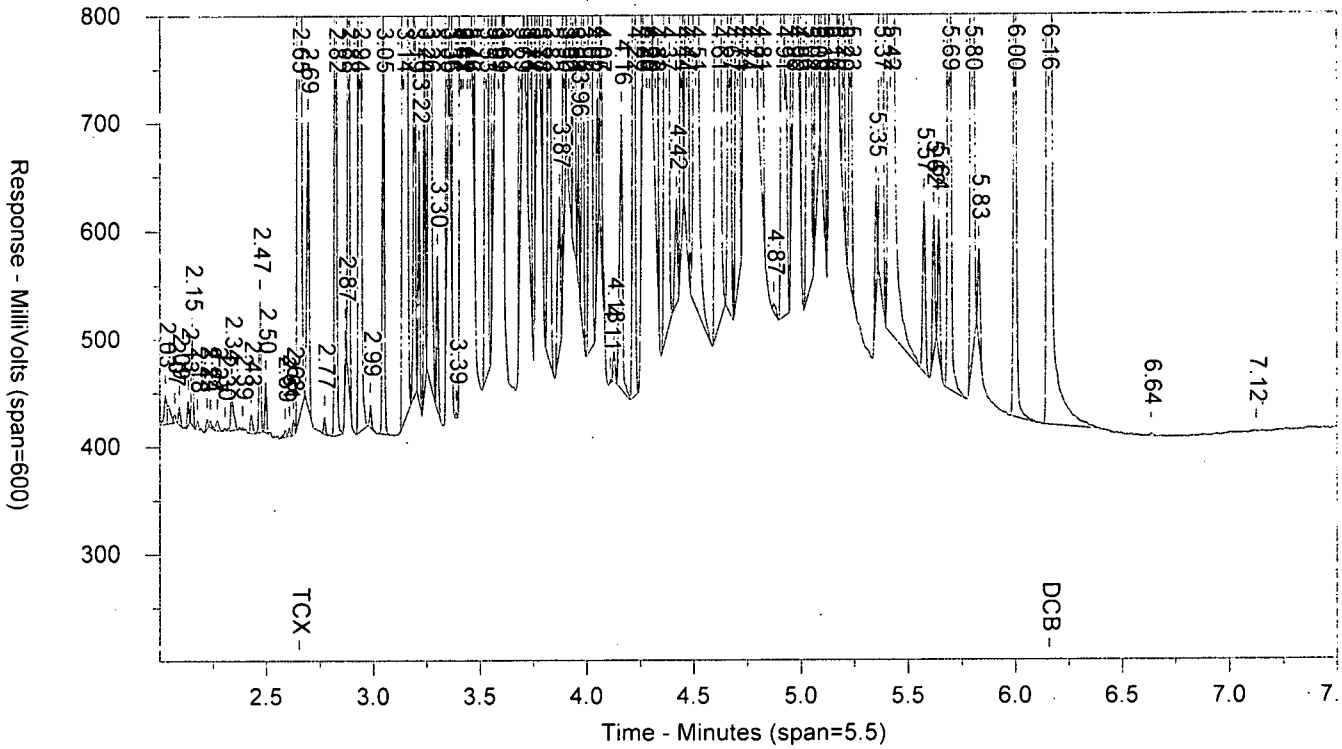


LCSA 9/14/17 ACF ABLCS44256 LCS 172560044A 10225 SW-846 80

—— \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009.0012.RAW



---- \\USLAN-CHROMPERFECT\CHROMPERFECT-DATA\DEPT-24\ACTIVE\CP7\07pcbs17250009B.0012.RAW



Extraction/Distillation/Digestion Logs

Polychlorinated Biphenyls (PCBs)

Organic Extraction Batchlog

172560040A

Assigned to: 8993 Michelle Newswanger

Reviewed by: [illegible] Start Date: 9-14-17 Start time: 8:30

Tech 1: MN8993 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
9202681MS	-124W	10.13	SS1723424A	1	MS1725024C	1	10	Z	Z	314A	
9202682MSD	-124W	10.43	SS1723424A	1	MS1725024C	1	10	Z	Z	314A	
BLANKA	PBLK40256	10.0	SS1723424A	1	—	—	10	Z	Z		NA_2SO_4
LCSA	LCS40256	10.0	SS1723424A	1	MS1725024C	1	10	Z	Z		

Solvent Used	Lot No.
1:1 MeCl2/Acetone	185082917A
Filter Paper	9823853
Hexane	174465
Sodium Sulfate	17254A

Spike Solutions: Witness: N/A

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	9202673	DUP14	10.50	SS1723424A	1	10	Z	Z	314A	Soil;Gritty;Wet;Rocks;Black	10225	1869	09/21/2017	N
2	9202674	-121E	10.40	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Black	10225	1869	09/21/2017	N
3	9202675	-122W	10.27	SS1723424A		10	Z	Z	314A	Soil;Gritty;Wet;Rocks;Brown	10225	1869	09/21/2017	N
4	9202676	-122E	10.31	SS1723424A		10	Z	Z	314a	Soil;Gritty;Wet;Rocks;Black	10225	1869	09/21/2017	N
5	9202677	-123W	10.08	SS1723424A		10	Z	Z	314A	Soil;Gritty;Wet;Black;Brown	10225	1869	09/21/2017	N
6	9202678	-123E	10.12	SS1723424A		10	Z	Z	314A	Soil;Gritty;Wet;Rocks;Brown	10225	1869	09/21/2017	N
7	9202680BKG	-124W	10.24	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
8	9202683	DUP15	10.42	SS1723424A		10	Z	Z	314A	Soil;Brown	10225	1869	09/21/2017	N
9	9202684	-124E	10.13	SS1723424A		10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
10	9202685	-125W	10.47	SS1723424A		10	Z	Z	314a	Soil;Gritty;Brown	10225	1869	09/21/2017	N
11	9202686	-125E	10.24	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Black	10225	1869	09/21/2017	N
12	9202687	-126W	10.25	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Grey	10225	1869	09/21/2017	N
13	9202688	-126E	10.02	SS1723424A		10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
14	9202689	-127W	10.12	SS1723424A		10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
15	9202690	-127E	10.02	SS1723424A		10	Z	Z	314A	Soil;Rocks;Black	10225	1869	09/21/2017	N

ATG69 Page 121 of 732

Kirby B. Turner
Chemist

SEP 19 2017

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Hood 4	Micro Temp 100?
Internal Standard		Balance #		

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C		
S-bath ID	98 C	S-bath ID	C	N-Evap	C	M-vap	C
#5							

172560040A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

Prep-Process Worksheet

Acid Cleanup

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560040A

Verified: KBT 9065
Start Date: 9-14-17
Start Time: 14:00
Tech 1: MN8993
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202681MS		10	10			
9202682MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202673		10	10				10225
2	9202674		↓	↓				10225
3	9202675		↓	↓				10225
4	9202676		↓	↓				10225
5	9202677		↓	↓				10225
6	9202678		↓	↓				10225
7	9202680		↓	↓				10225
8	9202683		↓	↓				10225
9	9202684		↓	↓				10225
10	9202685		↓	↓				10225
11	9202686		↓	↓				10225
12	9202687		↓	↓				10225
13	9202688		↓	↓				10225
14	9202689		↓	↓				10225
15	9202690		↓	↓				10225

Kirby B. Turner
Chemist

SEP 19 2017

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: 172560040A

Verified: KBT 9-20-17
Start Date: 9-14-17
Start Time: 14:30
Tech 1: MN 8993
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202681MS		2	2			
9202682MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202673		2	2				10225
2	9202674		↓	↓				10225
3	9202675		↓	↓				10225
4	9202676		↓	↓				10225
5	9202677		↓	↓				10225
6	9202678		↓	↓				10225
7	9202680		↓	↓				10225
8	9202683		↓	↓				10225
9	9202684		↓	↓				10225
10	9202685		↓	↓				10225
11	9202686		↓	↓				10225
12	9202687		↓	↓				10225
13	9202688		↓	↓				10225
14	9202689		↓	↓				10225
15	9202690		↓	↓				10225

Kirby B. Turner
Chemist

SEP 19 2017

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Florisil	414011CE
		Copper	6170160BC

Organic Extraction Batchlog Assigned to: 8993 Michelle Newswanger

172560041A

Reviewed by: [signature] Start Date: 9-14-17 Start time: 8:30

Tech 1: MN8993 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
9202692MS	-128W	10.31	SS1723424A	1	MS1725024C	1	10	Z	Z	314A	
9202693MSD	-128W	10.11	SS1723424A	1	MS1725024C	1	10	Z	Z	314A	
BLANKA	PBLK41256	10.0	SS1723424A	1	—		10	Z	Z		NA2SO4
LCSA	LCS41256	10.0	SS1723424A	1	MS1725024C	1	10	Z	Z		↓

Solvent Used	Lot No.
1:1 MeCl2/Acetone	185082917A
Filter Paper	9823853
Hexane	174465
Sodium Sulfate	17254A

Spike Solutions: Witness: N/A

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	9202691BKG	-128W	10.45	SS1723424A	1	10	Z	Z	314A	Soil;Brown	10225	1869	09/21/2017	N
2	9202694	DUP16	10.37	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
3	9202695	-129E	10.36	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
4	9202696	-130W	10.34	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
5	9202697	-130E	10.19	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
6	9202698	-131W	10.41	SS1723424A		10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
7	9202699	-131E	10.37	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Grey	10225	1869	09/21/2017	N
8	9202700	-132W	10.11	SS1723424A	↓	10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N

9-14-17
MN8993
N/A

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Hood 4	Micro Temp 100?
Internal Standard		Balance #		

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C		
S-bath ID	98 C	S-bath ID	C	N-Evap	C	M-vap	C

#5

172560041A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

Prep-Process Worksheet

Acid Cleanup
Prep: 14248 PCB 10g Sonication Ext
Batch No: 172560041A

Verified: [illegible]
Start Date: 9-14-17
Start Time: 14:00
Tech 1: MN8993
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202692MS		10	10			
9202693MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202691		10	10				10225
2	9202694		↓	↓				10225
3	9202695		↓	↓				10225
4	9202696		↓	↓				10225
5	9202697		↓	↓				10225
6	9202698		↓	↓				10225
7	9202699		↓	↓				10225
8	9202700		↓	↓				10225

Kirby B. Turner
Chemist

SEP 19 2017

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		H2SO4	174051

Prep-Process Worksheet

Copper/Florisil
Prep: 14248 PCB 10g Sonication Ext
Batch No: 172560041A

Verified: KBT 0065
Start Date: 9-14-17
Start Time: 14:30
Tech 1: MM8993
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202692MS		2	2			
9202693MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202691		2	2				10225
2	9202694		↓	↓				10225
3	9202695		↓	↓				10225
4	9202696		↓	↓				10225
5	9202697		↓	↓				10225
6	9202698		↓	↓				10225
7	9202699		↓	↓				10225
8	9202700		↓	↓				10225

Kirby B. Turner
Chemist

SEP 19 2017

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Copper	1017260BC
		Florisil	414011GZ

Organic Extraction Batchlog Assigned to: 9874 Kayla Yuditsky

Reviewed by: [illegible] Start Date: 9/14/17 Start time: 8:00

172560044A

Tech 1: Kyaty 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
9202707MS	-129W	10.19	SS1723424A	1.0	MS1725024C	1.0	10	Z	Z	314A	Soil,sandy
9202708MSD	-129W	10.06	SS1723424A		MS1725024C	1.0	10	Z	Z	314A	"
BLANKA	PBLK44256	10.0	SS1723424A		—	—	10	Z	Z	"	Na2SO4
LCSA	LCS44256	10.0	SS1723424A	"	MS1725024C	1.0	10	Z	Z	"	"

Solvent Used	Lot No.
1:1 MeCl2/Acetone	185082917A
Filter Paper	9823853
Hexane	174465
Sodium Sulfate	1725SA

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	9202701	-132E	10.16	SS1723424A	1.0	10	Z	Z	314A	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
2	9202702	-133W	10.29	SS1723424A		10	Z	Z	314A	Soil;Gritty;Brown	10225	1869	09/21/2017	N
3	9202703	-133E	10.19	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
4	9202704	-134W	10.42	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
5	9202705	-128E	10.50	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
6	9202706BKG	-129W	10.19	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
7	9202709	DUP17	10.27	SS1723424A		10	Z	Z	314A	Soil;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
8	9202710	-134E	10.50	SS1723424A		10	Z	Z	314A	Soil;Gritty;Rocks;Grey;Brown	10225	1869	09/21/2017	N
9	9202711	-135W	10.27	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
10	9202712	-135E	10.38	SS1723424A		10	Z	Z	314A	Soil;Rocks;Brown	10225	1869	09/21/2017	N
11	9202713	-136W	10.12	SS1723424A		10	Z	Z	314A	Soil;Gritty;Sandy;Rocks;Brown	10225	1869	09/21/2017	N
12	9202714	-136E	10.21	SS1723424A		10	Z	Z	314a	Soil;Gritty;Rocks;Brown	10225	1869	09/21/2017	N
13	9202715	-136N	10.36	SS1723424A	"	10	Z	Z	314A	Soil;Gritty;Sandy;Black;Brown	10225	1869	09/21/2017	N

ATC60 Page 727 of 732

Kirby B. Turner
Chemist

SEP 19 2017

N/A

Bench#	Bench#	Bench#		
Rack ID:		Work Station	Sonhood 3	Micro Temp 100?
Internal Standard		Balance #	—	—

R-VAP ID	C	R-VAP ID	C	R-VAP ID	C			
S-bath ID 6	98 C	S-bath ID	C	N-Evap	C	M-vap	C	172560044A

DF = Dilution Factor FV = Final Volume

Documented temps are NIST corrected.

Prep-Process Worksheet

Acid Cleanup

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560044A

Verified: KBT 9/20/17
Start Date: 9/14/17
Start Time: 10:00
Tech 1: KJ 9874
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202707MS		10	10			
9202708MSD		↓	↓			
BLANKA		↓	↓			
LCSA		↓	↓			

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202701		10	10				10225
2	9202702		↓	↓				10225
3	9202703		↓	↓				10225
4	9202704		↓	↓				10225
5	9202705		↓	↓				10225
6	9202706		↓	↓				10225
7	9202709		↓	↓				10225
8	9202710		↓	↓				10225
9	9202711		↓	↓				10225
10	9202712		↓	↓				10225
11	9202713		↓	↓				10225
12	9202714		↓	↓				10225
13	9202715		↓	↓				10225

Kirby B. Turner
Chemist

SEP 19 2017

N/A

Additional Comment: _____

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		Sulfuric acid	174051

Prep-Process Worksheet

Copper/Florisil

Prep: 14248 PCB 10g Sonication Ext

Batch No: 172560044A

Verified: KBT 9/26/17
Start Date: 9/14/17
Start Time: 10:30
Tech 1: Ky 9874
Tech 2:

Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments
9202707MS		2	2			
9202708MSD						
BLANKA						
LCSA						

	Sample #	QC	Aliquot (g)	Final Volume (mL)	D.F. Aliq	D.F. F.V.	Comments	Analyses
1	9202701		2	2				10225
2	9202702							10225
3	9202703							10225
4	9202704							10225
5	9202705							10225
6	9202706							10225
7	9202709							10225
8	9202710							10225
9	9202711							10225
10	9202712							10225
11	9202713							10225
12	9202714							10225
13	9202715							10225

Kirby B. Turner
Chemist

SEP 19 2017

N/A

Additional Comment:

DF = Dilution Factor FV = Final Volume

Solvent Used	Lot No.	Solvent Used	Lot No.
		copper	6170601BC
		florisil	4140116F

Moisture Data

eurofins | Lancaster Laboratories Environmental

CLIENT: Stantec
SDG: ATG69

MOISTURE

SAMPLE NUMBERS:

Sample #	Sample Code
9202690	-127E
9202691	-128WBKG
9202692	-128WMS
9202693	-128WMSD
9202694	DUP16FD
9202695	-129E
9202696	-130W
9202697	-130E
9202698	-131W
9202699	-131E
9202700	-132W
9202701	-132E
9202702	-133W
9202703	-133E
9202704	-134W

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: 17257820011A	Sample number(s): 9202690-9202704				
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: 17257820011A	Sample number(s): 9202690-9202704			
Moisture	16.0	15.1	6*	5
Moisture	16.0	15.1	6*	5
Moisture Duplicate	16.0	15.1	6*	5

* - Outside of specification

(1) - The result for one or both determinations was less than five times the LOQ.

eurofins | Lancaster Laboratories Environmental

CLIENT: **Stantec**
SDG: ATG69

MOISTURE

Moisture Data Report

Batch #: **17257820011**

Sample ID	Batch ID	Analysis#	Tare Wt	Sample Wt	Dry Wt	%Moisture	Analysis Date (Emp#)	Verified Date (Emp#)
9202690	A	00111	1.0925	8.6387	8.8066	10.70	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202691BKG	A	00111	1.0979	7.2645	7.2009	15.99	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202692MS	A	00118				15.99	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202693MSD	A	00118				15.99	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202693MSD	A	00121	1.0925	7.3791	7.3607	15.05	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202694FD	A	00111	1.1031	7.3874	7.4403	14.22	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202695	A	00111	1.0888	7.8917	7.9271	13.35	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202696	A	00111	1.1644	6.5171	6.5048	18.06	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202697	A	00111	1.1231	8.5857	8.5922	13.01	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202698	A	00111	1.1053	8.5884	8.6295	12.39	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202699	A	00111	1.1214	5.0259	5.6979	8.94	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202700	A	00111	1.1590	7.1722	7.5992	10.21	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202701	A	00111	1.0833	8.5035	8.0257	18.36	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202702	A	00111	1.1084	7.1487	7.3980	12.02	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202703	A	00111	1.0982	7.7644	8.3670	6.38	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
9202704	A	00111	1.0904	7.7427	7.9153	11.85	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)
LCS 89.5% Std.		00111	1.1067	5.0158	1.6367	89.43	9/14/17 (1201/SWF)	9/15/17 (1382/SAS)