DATA SUMMARY PACKAGE CHECKLIST

SDG #: 08120166	Sample IDs: AL20836-52	Date: Jan 8, 2009
Analytical Method: EPA SW 846 8082	Number of Samples: 17	Matrix: Soil/Plainwell TCRA 12/11/08

Present	Package Attestation Documentation
Present	Package Narrative
Present-	Field Chain-of-Custody Recc
GC sheet 8082-	GC Extraction Log
Present	Compound Identification (FORM I)
Present	Compound Quantitation
Present -One performed in control.	Laboratory Control Spike Summary
Present- Both surrogates were flagged as diluted out in 6 samples and the MS/MSDs in this batch due to high PCB concentrations in the samples or added to the samples.	Surrogate Recovery Summar
Present- Two MS/MSD was analyzed with this batch and for AL20844 the recoveries and RPD were within QC limits. For AL20839 the MSD recovery and RPD were out of control likely due to the high concentration of PCB in the sample causing a matrix effect. The surrogates were flagged as diluted for the MS and MSD for 844 due to the high concentration of PCB added to the samples. The surrogate recoveries were within the QC limits but due to dilution the concentrations were below the calibration limits. The results for AL20839 are flagged as estimated by this reviewer due to matrix effects.	MS/MSD Summary
Present-NA	Duplicate Summary
Present-NA	Standards Summary Tables (FORM VII)
Present-Form 6F-1	Initial Instrument Calibration (FORM VI)
Present- Form 7E-1 and 7E-2	Continuing Calibration Checl Standard Summary
Present-NA	Check Standards
Present- One performed in control-all Aroclors < PQL	Laboratory Blanks/Method Blank
Present	Sample Chromatograms
Present	QC Raw Data
Present	Sample GC Injection Log

Comments: In all samples when detected, Aroclors 1242, 1254 and 1260 were flagged to denote an altered chromatographic pattern and were reported as best Aroclor matches. Both surrogates were flagged as diluted out for samples AL20836, 38-40, 48, 50, and the MS/MSDs (AL208139 and 44M, K) due to high concentrations of PCB in or added to the samples. No qualification necessary for surrogates. For AL20839 the MSD recovery and RPD were out of control likely due to the high concentration of PCB in the sample causing a matrix effect. The results for AL20839 are flagged as estimated "J" by this reviewer due to matrix effects. The field duplicate and sample both had no Aroclors detected above the PQL so agreement between the two is acceptable. Data is usable as flagged.

REVIEWER Wendy J [illegible] DATE: 1/19/08

DATA SUMMARY PACKAGE FOR

CAMP DRESSER & McKEE
1 WOODWARD AVENUE
DETROIT, MICHIGAN 48226

ANALYTICAL METHOD:

SW-846 METHOD 8082 (PCB)

DATE: January 8, 2009-E

LRF: 08120166

PROVIDED BY : NORTHEAST ANALYTICAL, INC.
2190 TECHNOLOGY DRIVE
SCHENECTADY, NEW YORK 12308
518-346-4592

Table Of Contents

Attestations 2

Case Narrative 4

Sample Chain Of Custody 7

Internal Sample Tracking Record 10

Surrogate % Recovery Summary 13

Matrix Spike/Matrix Spike Duplicate Summary 15

Laboratory Control Spike Summary 18

Method Blank Summary 20

Sample Analysis Data 22

Analytical Sequence 88

Initial Calibration Data 91

Initial/Continuing Calibration Data 155

QC Sample Raw Data 170

Certificates of Analysis 193

Attestations

Attestations:

The following have been directly involved in the preparation of the sample data contained herein and in the preparation of the associated data summary report.

SAMPLE CUSTODIAN:	Adam Moore
SAMPLE PREPARATION CHEMIST:	Carrie Barss
GC ANALYST: (PCB)	Anthony Maiello
QA/QC OFFICER:	Christina Braidwood
LAB DIRECTOR:	Robert E. Wagner

Case Narrative

January 12, 2009

CASE NARRATIVE

This data summary package is comprised of sediment and soil samples received for analysis on December 18, 2008 (Assigned Sample Delivery Group: 08120166). The samples are from Project Name: Plainwell Dam #2 Investigation. The samples were collected by Camp, Dresser & McKee (CDM) on December 11, 2008. Samples were delivered to Northeast Analytical, Inc. (NEA) by FedEx courier service. All samples were received at the laboratory intact and within holding times.

This sample delivery group consists of the following samples:

NEA Sample ID:	Client Sample ID:
AL20836	P2SD-37A-01
AL20837	P2SD-38A-01
AL20838	P2SL-40A-01
AL20839	P2SL-40B-01
AL20840	P2SL-40B-03
AL20841	P2SD-41A-01
AL20842	P2SL-42A-01
AL20843	P2SD-43A-01
AL20844	P2SD-43B-01
AL20845	P2SD-43B-03
AL20846	P2SL-44A-01
AL20847	P2SL-44B-01
AL20848	P2SD-45A-01
AL20849	P2SD-45B-01
AL20850	P2SL-46A-01
AL20851	P2SD-47A-01
AL20852	P2SL-48A-01

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by EPA Method 8082 single column GC analysis. The Accelerated Solvent Extraction Method (EPA Method 3545) was employed for the sediment and soil samples. The following technical and administrative items were noted for the analysis:

1. The concentration results for Aroclor 1242 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.

2. The concentration results for Aroclor 1254 was flagged to denote that an altered Aroclor pattern was observed for several samples. Please see Form 1 for details.

3. The concentration results for Aroclor 1260 was flagged to denote that an altered Aroclor pattern was observed for two samples (NEA ID: AL20843 and AL20846). Please see Form 1 for details.

4. The percent recoveries for the TCMX and DCBP surrogates were diluted out for the Matrix Spike and the Matrix Spike Duplicate samples (NEA ID: AL20839M/K and AL20844M/K) due to the high PCB concentration in the samples. Please see Form 2 for details.

5. The percent recovery for one Matrix Spike Duplicate sample (NEA ID AL20839K) was below quality acceptance limits . The Relative Percent Difference (RPD) was also outside criteria for that matrix spike pair. Please see Form 3 for details.

6. The percent recoveries for the TCMX and DCBP surrogates were diluted out for several samples (NEA ID: AL20836, AL20838-40, AL20848, and AL20850) due to the high PCB concentration in the samples. Please see Form 2 for details.

Form –1 Qualifier Summary PCB Analysis:

J-Denotes concentration result greater than the MDL but less than the PQL
B-Denotes analyte observed in associated method blank at a concentration exceeding the PQL
U-Denotes analyte not observed at a concentration greater than the PQL

Respectfully submitted,

Christina L. Braidwood
Quality Assurnace Officer
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Sample Chain Of Custody

CHAIN OF CUSTODY RECORD

PAGE 7 OF 8

NORTHEAST ANALYTICAL, INC.

2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # <08120166P1> 081201661

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ○ RETURN TO CLIENT
- ⊗ DISPOSAL BY NORTHEAST ANALYTICAL
- ○ ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO):
PROJECT#/PROJECT NAME:
PROJECT MANAGER: Joe Pi
PROJECT LOCATION (CITY/STATE) ADDRESS: Gap
PHONE:
SAMPLED BY: (Please Print)
REQUIRED TURN AROUND TIME:
SAMPLING FIRM:
NAME OF COURIER (IF USED):
Data Report: ☐ CLP* ☐ Certificates Only
ELECTRONIC RESULTS FORMAT: .PDF ☐ EXCEL (.CSV) ☐
E-MAIL ADDRESS:
FAXED RESULTS ☐
FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE	0								PRESERVATIVE KEY
BOTTLE TYPE:	Glass								0 - NONE
BOTTLE SIZE:	1oz								1 - HCL
									2 - HNO3
									3 - H2SO4
									4 - NaOH
									5 - Zn. Acetate
									6 - MeOH
									7 - NaHSO4
									8 - Other

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCB Aroclor							REMARKS:
P25D-37A-01	12/17/08	1205	Sediment	Grab	AL20836	1	X							
P25D-38A-01		1225	Sediment		AL20837	1	X							
P25L-40A-01		1305	Soil		AL20838	1	X							
P25L-40B-01		1305			AL20839	2	X							MS/MSD on PCB (8a)
P25L-40B-03		1305			AL20840	1	X							
P25D-41A-01		1410	Sediment		AL20841	1	X							
P25L-42A-01		1425	Soil		AL20842	1	X							
P25D-43A-01		1435	Sediment		AL20843	1	X							
P25D-43B-01		1435			AL20844	2	X							MS/MSD on PCB (8a)
P25D-43B-03		1435			AL20845	1	X							

AMBIENT OR CHILLED: TEMP: 5.0, 5.4
COC TAPE: Y N
PROPERLY PRESERVED: Y N
OTHER NOTES:
RECEIVED BROKEN OR LEAKING: Y N
COC DISCREPANCIES: Y N
RECVD W/I HOLDING TIMES: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	SIGNATURE A.Moore	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME	PRINTED NAME A.MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY Con	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME 12/17/08 1900	DATE/TIME 12/18/08 10°1	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

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CHAIN OF CUSTODY RECORD

PAGE 8 OF 8

NORTHEAST ANALYTICAL, INC.
2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # <08120166P2>
081201662

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- RETURN TO CLIENT
- DISPOSAL BY NORTHEAST ANALYTICAL
- ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO):
PROJECT#/PROJECT NAME:
PROJECT MANAGER: Sepl
PROJECT LOCATION (CITY/STATE) ADDRESS: Sepl
PHONE:
SAMPLED BY: (Please Print)
REQUIRED TURN AROUND TIME:
SAMPLING FIRM:
NAME OF COURIER (IF USED):
Data Report: ☐ CLP* ☐ Certificates Only
ELECTRONIC RESULTS FORMAT: .PDF ☐ EXCEL (.CSV) ☐
E-MAIL ADDRESS:
FAXED RESULTS ☐
FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE: 0
BOTTLE TYPE: Glass
BOTTLE SIZE: 4oz

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other ____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCB Aroclor							REMARKS:
P25L-44A-01	12/11/08	1440	Soil	Grab	AL20846	1	X							
P25L-44B-01	/	1440	/	/	AL20847	1	X							
P25D-45A-01		1450	Sediment		AL20848	1	X							
P25D-45B-01		1450	/		AL20849	1	X							
P25L-46A-01		1455	Soil		AL20850	1	X							
P25D-47A-01		1522	Sediment		AL20851	1	X							
P25L-48A-01		1530	Soil		AL20852	1	X							

12/17/08

AMBIENT OR CHILLED: TEMP: 5.0, 5.4
COC TAPE: (Y) N
PROPERLY PRESERVED: (Y) N
OTHER NOTES:
RECEIVED BROKEN OR LEAKING: Y (N)
COC DISCREPANCIES: Y (N)
RECVD W/I HOLDING TIMES: (Y) N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME Anita Santini	PRINTED NAME A. MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY CON	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME 12/17/08 1700	DATE/TIME 12/18/08 1001	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

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Internal Sample Tracking Record

SOLID EXTRACTION LOG

Prep Date: 12/22/2008 **Batch ID: 6989**

	Prep ID	NEA Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Cell Num	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														Initial for required Clean Up Steps						
														TJH	TJH	TJH				
1	70584	PBLK-33	AL20839B	Soil		E PCB S	ASE/ASE3	L	9.034	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
2	70585	LCS-33	AL20839L	Sediment		E PCB S	ASE/ASE3	BM	9.692	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
3	70567	08120166-01	AL20836	Sediment		E PCB S	ASE/ASE3	BR	10.413	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
4	70568	08120166-02	AL20837	Sediment		E PCB S	ASE/ASE3	G	10.350	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
5	70569	08120166-03	AL20838	Soil		E PCB S	ASE/ASE3	28	10.177	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
6	70570	08120166-04	AL20839	Soil		E PCB S	ASE/ASE3	I	10.630	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
7	70586	08120166-04MS	AL20839M	Soil		E PCB S	ASE/ASE3	AS	10.713	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
8	70587	08120166-04MSD	AL20839K	Soil		E PCB S	ASE/ASE3	C*	10.580	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
9	70571	08120166-05	AL20840	Soil		E PCB S	ASE/ASE3	AP	10.394	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
10	70572	08120166-06	AL20841	Sediment		E PCB S	ASE/ASE3	K	10.429	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
11	70573	08120166-07	AL20842	Soil		E PCB S	ASE/ASE3	32	10.830	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
12	70574	08120166-08	AL20843	Sediment		E PCB S	ASE/ASE3	6	10.120	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
13	70575	08120166-09	AL20844	Sediment		E PCB S	ASE/ASE3	BX	10.881	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
14	70588	08120166-09MS	AL20844M	Sediment		E PCB S	ASE/ASE3	14	10.124	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
15	70589	08120166-09MSD	AL20844K	Sediment		E PCB S	ASE/ASE3	47	10.747	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
16	70576	08120166-10	AL20845	Sediment		E PCB S	ASE/ASE3	70	10.565	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
17	70577	08120166-11	AL20846	Soil		E PCB S	ASE/ASE3	LISA	10.271	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
18	70578	08120166-12	AL20847	Soil		E PCB S	ASE/ASE3	135	10.438	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
19	70579	08120166-13	AL20848	Sediment		E PCB S	ASE/ASE3	BP	10.614	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
20	70580	08120166-14	AL20849	Sediment		E PCB S	ASE/ASE3	44	10.440	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
21	70581	08120166-15	AL20850	Soil		E PCB S	ASE/ASE3	109	10.628	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
22	70582	08120166-16	AL20851	Sediment		E PCB S	ASE/ASE3	43	10.513	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	
23	70583	08120166-17	AL20852	Soil		E PCB S	ASE/ASE3	55	10.746	NA	NA	NA	NA	12/23	12/23	12/23	NA	25	12/23	

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Main Lab)	E49039	NA	NA	☑	☑	☐	☑	☐	☑	☑
Acetone (Dewar) Current	CW981	NA		☑	☑	☐	☑	☐	☑	☑
0.5ppm TCMX / 5.0ppm DCBP in Hexane	102108B26P65A1-10	500	0.5/5.0	☑	☑	☐	☑	☐	☑	☑
10% Florisil (Main Lab)	110308MLB1P164A	NA		☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar) [CURRENT]	CY047	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	☐	☑	☐	☐	☐	☐	☐
Aroclor 1242 @ 100 PPM in Hexane	121908B26P104A	500	100	☐	☐	☐	☐	☐	☑	☑

SPIKED BY: Jill Grygas

SIGNATURE: Jillian L Grygas

WITNESSED BY: Carrie Barss

SIGNATURE: Carrie Barss

Print Date: 12/23/2008
Nea Lims Version : 4.4.2.0
XBOOK_GC-SV: Rev 01, 10.20.2006, EXTRACTION

PCB SOLID SCREEN SHEET

Batch ID: 6989 **Prepared by: Jill Grygas**

NEA Sample ID	Alt Sample ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Dilution Sequence	Final Multiplier
PBLK-33	AL20839B	Soil	12/22/08	9.034	N/A	9.0340	25	NA	0.02809654	NA	25x
LCS-33	AL20839L	Sediment	12/22/08	9.692	N/A	9.6920	25	NA	0.79281342	NA	25x
08120166-03	AL20838	Soil	12/22/08	10.177	48.1	4.8951	25	250	0.85979393	1>10 2>4	500x
08120166-04	AL20839	Soil	12/22/08	10.630	43.4	4.6134	25	250	2.10057700	1>10 1>4	1000x
08120166-04MS	AL20839M	Soil	12/22/08	10.713	43.4	4.6494	25	250	2.43121906	1>10 1>5	1250x
08120166-04MSD	AL20839K	Soil	12/22/08	10.580	43.4	4.5917	25	250	2.16677793	1>10 1>4	1000x
08120166-05	AL20840	Soil	12/22/08	10.394	43.1	4.4798	25	250	1.75121375	1>10 1>4	1000x
08120166-07	AL20842	Soil	12/22/08	10.830	65.9	7.1370	25	250	0.02701298	NA	25x
08120166-11	AL20846	Soil	12/22/08	10.271	47.2	4.8479	25	250	0.18947139	1>4	100x
08120166-12	AL20847	Soil	12/22/08	10.438	41.4	4.3213	25	250	0.01942260	NA	25x
08120166-15	AL20850	Soil	12/22/08	10.628	45.0	4.7826	25	250	1.03192259	1>10 2>4	500x
08120166-17	AL20852	Soil	12/22/08	10.746	47.4	5.0936	25	250	0.01993611	NA	25x
08120166-01	AL20836	Sediment	12/22/08	10.413	45.7	4.7587	25	250	2.46621213	1>10 1>5	1250x
08120166-02	AL20837	Sediment	12/22/08	10.350	64.6	6.6861	25	250	0.02651392	NA	25x
08120166-06	AL20841	Sediment	12/22/08	10.429	46.2	4.8182	25	250	0.03486501	NA	25x
08120166-08	AL20843	Sediment	12/22/08	10.120	38.5	3.8962	25	250	0.08399542	2>4	50x
08120166-09	AL20844	Sediment	12/22/08	10.881	39.0	4.2436	25	250	0.03404728	NA	25x
08120166-09MS	AL20844M	Sediment	12/22/08	10.124	39.0	3.9484	25	250	0.36455994	1>7	175x
08120166-09MSD	AL20844K	Sediment	12/22/08	10.747	39.0	4.1913	25	250	0.28116001	1>6	150x
08120166-10	AL20845	Sediment	12/22/08	10.565	39.5	4.1732	25	250	0.02379611	NA	25x
08120166-13	AL20848	Sediment	12/22/08	10.614	44.0	4.6702	25	250	2.59558833	1>10 1>5	1250x
08120166-14	AL20849	Sediment	12/22/08	10.440	46.8	4.8859	25	250	0.04706207	NA	25x
08120166-16	AL20851	Sediment	12/22/08	10.513	46.2	4.8570	25	250	0.03315818	NA	25x

Solvent, Surrogate, Spike, and Acid Information B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	☑	☑	☐	☑	☐	☑	☑
Sulfuric Acid (Main Lab)	E49039	NA	NA	☑	☑	☐	☑	☐	☑	☑
Acetone (Dewar) Current	CW981	NA		☑	☑	☐	☑	☐	☑	☑
0.5ppm TCMX / 5.0ppm DCBP in Hexane	102108B26P65A1-10	500	0.5/5.0	☑	☑	☐	☑	☐	☑	☑
10% Florisil (Main Lab)	110308MLB1P164A	NA		☑	☑	☐	☑	☐	☑	☑
Hexane (Dewar) [CURRENT]	CY047	NA		☑	☑	☐	☑	☐	☑	☑
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	☐	☑	☐	☐	☐	☐	☐
Aroclor 1242 @ 100 PPM in Hexane	121908B26P104A	500	100	☐	☐	☐	☐	☐	☑	☑

COMMENTS: _____

Print Date: 12/26/2008
Nea Lims Version : 4.4.2.0

Surrogate % Recovery Summary

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: Northeast Analytical, Inc. SDG: 08120166

ELAP ID No: 11078

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

GC Column (2): NA

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC	#	SURR 2 (Col 1) % REC	#	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-33	AL20839B	GC20F-326-63	91.7		99.5				0
LCS-33	AL20839L	GC20F-326-64	92.5		99.8				0
08120166-01	AL20836	GC20F-326-65	0	D	1.97	D			0
08120166-02	AL20837	GC20F-326-66	82.7		86.8				0
08120166-03	AL20838	GC20F-326-67	49.0	D	50.1	D			0
08120166-04	AL20839	GC20F-326-68	0	D	26.3	D			0
08120166-05	AL20840	GC20F-326-71	44.2	D	0	D			0
08120166-06	AL20841	GC20F-326-73	88.1		107				0
08120166-07	AL20842	GC20F-326-74	92.8		104				0
08120166-08	AL20843	GC20F-326-75	91.0		106				0
08120166-09	AL20844	GC20F-326-76	95.5		105				0
08120166-10	AL20845	GC20F-326-79	88.9		99.6				0
08120166-11	AL20846	GC20F-326-80	65.3		80.4				0
08120166-12	AL20847	GC20F-326-81	90.7		96.6				0
08120166-13	AL20848	GC20F-326-83	0	D	17.5	D			0
08120166-14	AL20849	GC20F-326-84	91.3		100				0
08120166-15	AL20850	GC20F-326-85	51.6	D	66.5	D			0
08120166-16	AL20851	GC20F-326-86	96.1		109				0
08120166-17	AL20852	GC20F-326-87	94.2		104				0
08120166-04MS	AL20839M	GC20F-326-69	0	D	0	D			0
08120166-09MS	AL20844M	GC20F-326-77	82.9	D	97.5	D			0
08120166-04MSD	AL20839K	GC20F-326-70	0	D	0	D			0
08120166-09MSD	AL20844K	GC20F-326-78	74.5	D	95.9	D			0

Column to be used to flag recovery values

	Advisory QC Limits
SURR1 = TETRACHLORO-META-XYLENE	(60-140)
SURR2 = DECACHLOROBIPHENYL	(60-140)

Form II-CLP-PCB(NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Matrix Spike/Matrix Spike Duplicate Summary

3F-1
MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078 SDG No: 08120166

MS LRF ID: 08120166-04MS MSD LRF ID: 08120166-04MSD Sample LRF ID: 08120166-04

MS Lab File ID: GC20F-326-69 MSD Lab File ID: GC20F-326-70 Sample File ID: GC20F-326-68

MS Sample Inj Date: 12/27/2008 23:33:51 MSD Sample Inj Date: 12/28/2008 00:06:28 Sample Inj Date: 12/27/2008 23:01:15

MS Lab Sample ID: AL20839M MSD Lab Sample ID: AL20839K Sample ID: AL20839

COMPOUND	SPIKE ADDED (ug/g)	SAMPLE CONCENTRATION (ug/g)	MS CONCENTRATION (ug/g)	MS PERCENT RECOVERY	#	QC LIMITS [1] PERCENT RECOVERY
Aroclor 1242	10.8	65.2	77.7	116		(70.0-130)

COMPOUND	SPIKE ADDED (ug/g)	MSD CONCENTRATION (ug/g)	MSD PERCENT RECOVERY	#	RPD	#	QC LIMITS [1] RPD	REC
Aroclor 1242	10.9	71.1	54.5	*	72.1	*	20	(70.0-130)

Column to be used to flag recovery values

* Values outside of QC limits

[1] QC Limits based upon laboratory defaults.

Spike Recovery: 1 out of 2 outside limits.

RPD: 1 out of 1 outside limits.

COMMENTS:

Form III-CLP

Nea Lims Version : 4.4.2.2

3F-1
MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078 SDG No: 08120166

MS LRF ID: 08120166-09MS MSD LRF ID: 08120166-09MSD Sample LRF ID: 08120166-09

MS Lab File ID: GC20F-326-77 MSD Lab File ID: GC20F-326-78 Sample File ID: GC20F-326-76

MS Sample Inj Date: 12/28/2008 03:54:42 MSD Sample Inj Date: 12/28/2008 04:27:18 Sample Inj Date: 12/28/2008 03:22:05

MS Lab Sample ID: AL20844M MSD Lab Sample ID: AL20844K Sample ID: AL20844

COMPOUND	SPIKE ADDED (ug/g)	SAMPLE CONCENTRATION (ug/g)	MS CONCENTRATION (ug/g)	MS PERCENT RECOVERY #	QC LIMITS [1] PERCENT RECOVERY
Aroclor 1242	12.7	0	12.6	99.7	(70.0-130)

COMPOUND	SPIKE ADDED (ug/g)	MSD CONCENTRATION (ug/g)	MSD PERCENT RECOVERY #	RPD #	QC LIMITS [1] RPD	REC
Aroclor 1242	11.9	10.7	90.0	10.2	20	(70.0-130)

Column to be used to flag recovery values

* Values outside of QC limits

[1] QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 2 outside limits.

RPD: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP

Nea Lims Version : 4.4.2.2

Laboratory Control Spike Summary

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078

SDG No: 08120166

LCS ID: LCS-33

Blank Sample ID: PBLK-33

LCS File ID: GC20F-326-64

Method Blank File ID: GC20F-326-63

LCS Inj Date: 12/27/2008 20:50:49

Method Blank Inj Date: 12/27/2008 20:18:13

LCS NEA ID No: AL20839L

Method Blank NEA ID No: AL20839B

COMPOUND	SPIKE ADDED (ug/g)	LCS CONCENTRATION (ug/g)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	1.29	1.19	91.9	70.0-130

Column to be used to flag recovery values

* Values outside of QC limits

[1]QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 4.4.2.2

Method Blank Summary

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	Blank Sample ID:	PBLK-33
Matrix:	SODIUM SULFATE	Method Blank Nea ID No:	AL20839B
Instrument ID:	GC20F	Lab File ID:	GC20F-326-63
Extraction Type:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
GC Column (1):	J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm	Date Analyzed:	12/27/2008
		Time Analyzed:	20:18:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LAB CONTROL SPIKE	AL20839L	GC20F-326-64	12/27/2008 20:50:49
P2SD-37A-01	AL20836	GC20F-326-65	12/27/2008 21:23:25
P2SD-38A-01	AL20837	GC20F-326-66	12/27/2008 21:56:02
P2SL-40A-01	AL20838	GC20F-326-67	12/27/2008 22:28:38
P2SL-40B-01	AL20839	GC20F-326-68	12/27/2008 23:01:15
P2SL-40B-01 MS	AL20839M	GC20F-326-69	12/27/2008 23:33:51
P2SL-40B-01 MSD	AL20839K	GC20F-326-70	12/28/2008 00:06:28
P2SL-40B-03	AL20840	GC20F-326-71	12/28/2008 00:39:04
P2SD-41A-01	AL20841	GC20F-326-73	12/28/2008 01:44:16
P2SL-42A-01	AL20842	GC20F-326-74	12/28/2008 02:16:52
P2SD-43A-01	AL20843	GC20F-326-75	12/28/2008 02:49:29
P2SD-43B-01	AL20844	GC20F-326-76	12/28/2008 03:22:05
P2SD-43B-01 MS	AL20844M	GC20F-326-77	12/28/2008 03:54:42
P2SD-43B-01 MSD	AL20844K	GC20F-326-78	12/28/2008 04:27:18
P2SD-43B-03	AL20845	GC20F-326-79	12/28/2008 04:59:55
P2SL-44A-01	AL20846	GC20F-326-80	12/28/2008 05:32:32
P2SL-44B-01	AL20847	GC20F-326-81	12/28/2008 06:05:08
P2SD-45A-01	AL20848	GC20F-326-83	12/28/2008 07:10:21
P2SD-45B-01	AL20849	GC20F-326-84	12/28/2008 07:42:57
P2SL-46A-01	AL20850	GC20F-326-85	12/28/2008 08:15:34
P2SD-47A-01	AL20851	GC20F-326-86	12/28/2008 08:48:10
P2SL-48A-01	AL20852	GC20F-326-87	12/28/2008 09:20:47

FORM IV-CLP-PCB(NEA)

Print date: 01/08/2009
Nea Lims Version : 4.4.2.2

Sample Analysis Data

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-01
Matrix:	Sediment	Client ID:	P2SD-37A-01
Sample wt(Dry)/vol:	4.7587 g	Lab Sample ID:	AL20836
Percent Moisture:	54.3	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	50
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-65

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	5.25	U
1	11104-28-2	Aroclor 1221	5.25	U
1	11141-16-5	Aroclor 1232	5.25	U
1	53469-21-9	Aroclor 1242	69.9	AD
1	12672-29-6	Aroclor 1248	5.25	U
1	11097-69-1	Aroclor 1254	10.3	AF
1	11096-82-5	Aroclor 1260	5.25	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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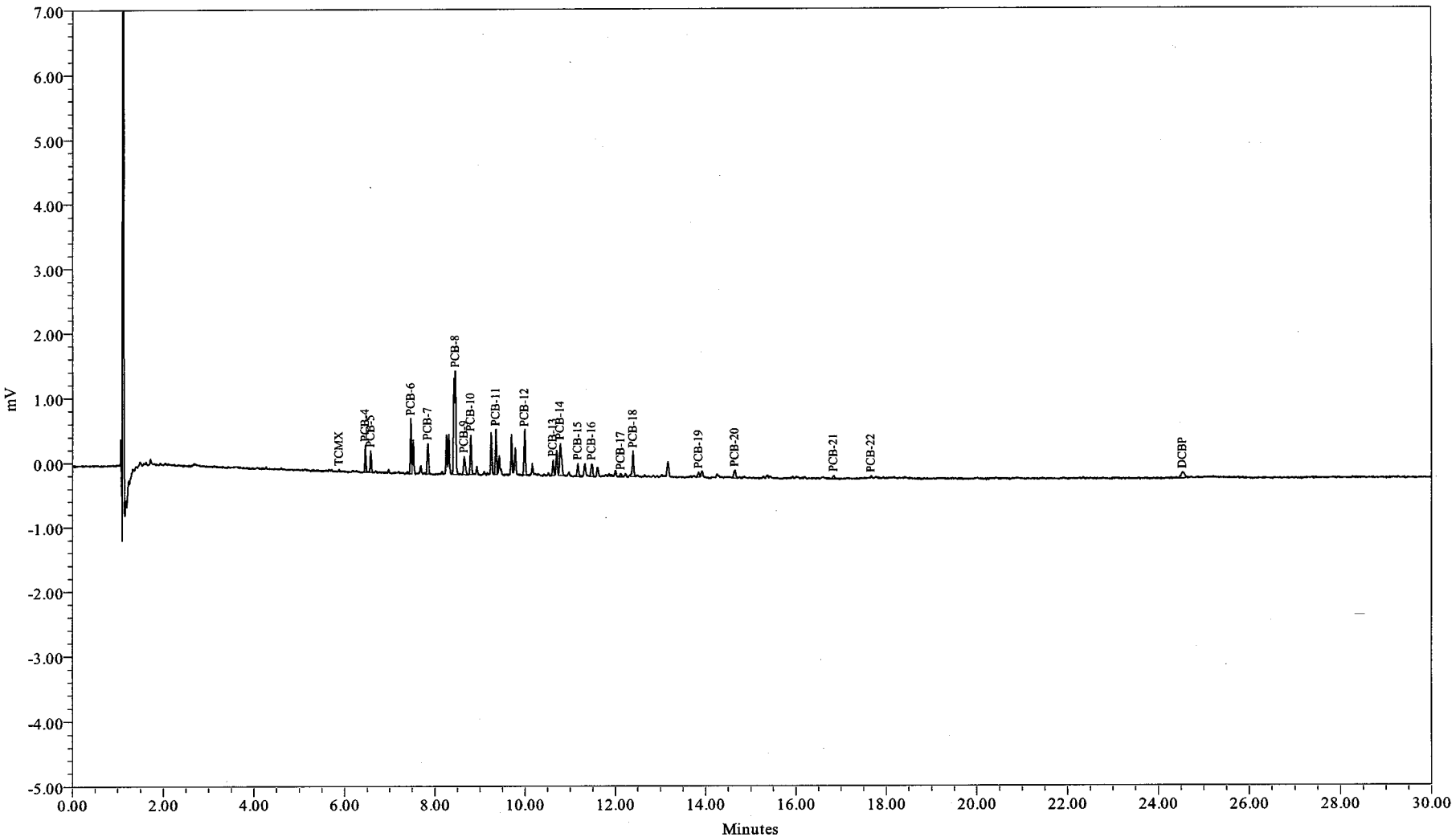

Sample Name:	AL20836	Sample Amount (g) :	4.7590
Sample ID:	P2SD-37A-01	Dilution:	1250
Date Acquired:	12/27/2008 21:23:25 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-65

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20836	Sample Amount (g) :	4.7590
Sample ID:	P2SD-37A-01	Dilution:	1250
Date Acquired:	12/27/2008 21:23:25 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 08:43:45 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:17:16 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-65

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	58		0	
2	PCB-4	6.46	bb	677			
3	PCB-5	6.58	bb	530			
4	PCB-6	7.47	bV	1460			
5	PCB-7	7.85	bb	1055			
6	PCB-8	8.45	bv	5333			
7	PCB-9	8.65	BB	782			
8	PCB-10	8.80	Bb	1139			
9	PCB-11	9.35	bV	1318			
10	PCB-12	9.99	bb	1476			
11	PCB-13	10.62	bV	482			
12	PCB-14	10.78	Vb	1455			
13	PCB-15	11.17	bb	461			
14	PCB-16	11.48	bb	504			
15	PCB-17	12.12	bv	141			
16	PCB-18	12.39	vb	942			
17	PCB-19	13.85	bv	182			
18	PCB-20	14.65	bb	361			
19	PCB-21	16.84	bb	133			
20	PCB-22	17.67	bb	47			
21	DCBP	24.54	bv	504	0.039		1.97

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	9770	223.593	58.72893	5.25	NR	
2	A1221	1207	104.768	27.51846	5.25	NR	
3	A1221-2	1207	111.576	29.30660	5.25	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	677	116.302	30.54801	5.25	NR	
5	A1232	8840	411.892	108.18775	5.25	NR	
6	A1232-8/9	2725	280.104	73.57225	5.25	NR	
7	A1242	9770	266.220	69.92547	5.25	X	AD
8	A1248	5191	146.002	38.34905	5.25	NR	
9	A1248-11/15	3412	147.634	38.77762	5.25	NR	
10	A1248-14/15	3276	193.139	50.72994	5.25	NR	
11	A1254	2130	39.309	10.32503	5.25	X	AF
12	A1254-17/18	1048	33.092	8.69183	5.25	NR	
13	A1254-19/20	1587	49.446	12.98754	5.25	NR	
14	A1254-20	1769	41.662	10.94296	5.25	NR	
15	A1260	541	8.859	2.32695	5.25	NR	
16	A1260-20	180	4.508	1.18400	5.25	NR	
17	A1260-23/24	541	10.059	2.64203	5.25	NR	
18	A1262	541				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-02
Matrix:	Sediment	Client ID:	P2SD-38A-01
Sample wt(Dry)/vol:	6.6861 g	Lab Sample ID:	AL20837
Percent Moisture:	35.4	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-66

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0748	U
1	11104-28-2	Aroclor 1221	0.0748	U
1	11141-16-5	Aroclor 1232	0.0748	U
1	53469-21-9	Aroclor 1242	0.0748	U
1	12672-29-6	Aroclor 1248	0.0748	U
1	11097-69-1	Aroclor 1254	0.0748	U
1	11096-82-5	Aroclor 1260	0.0748	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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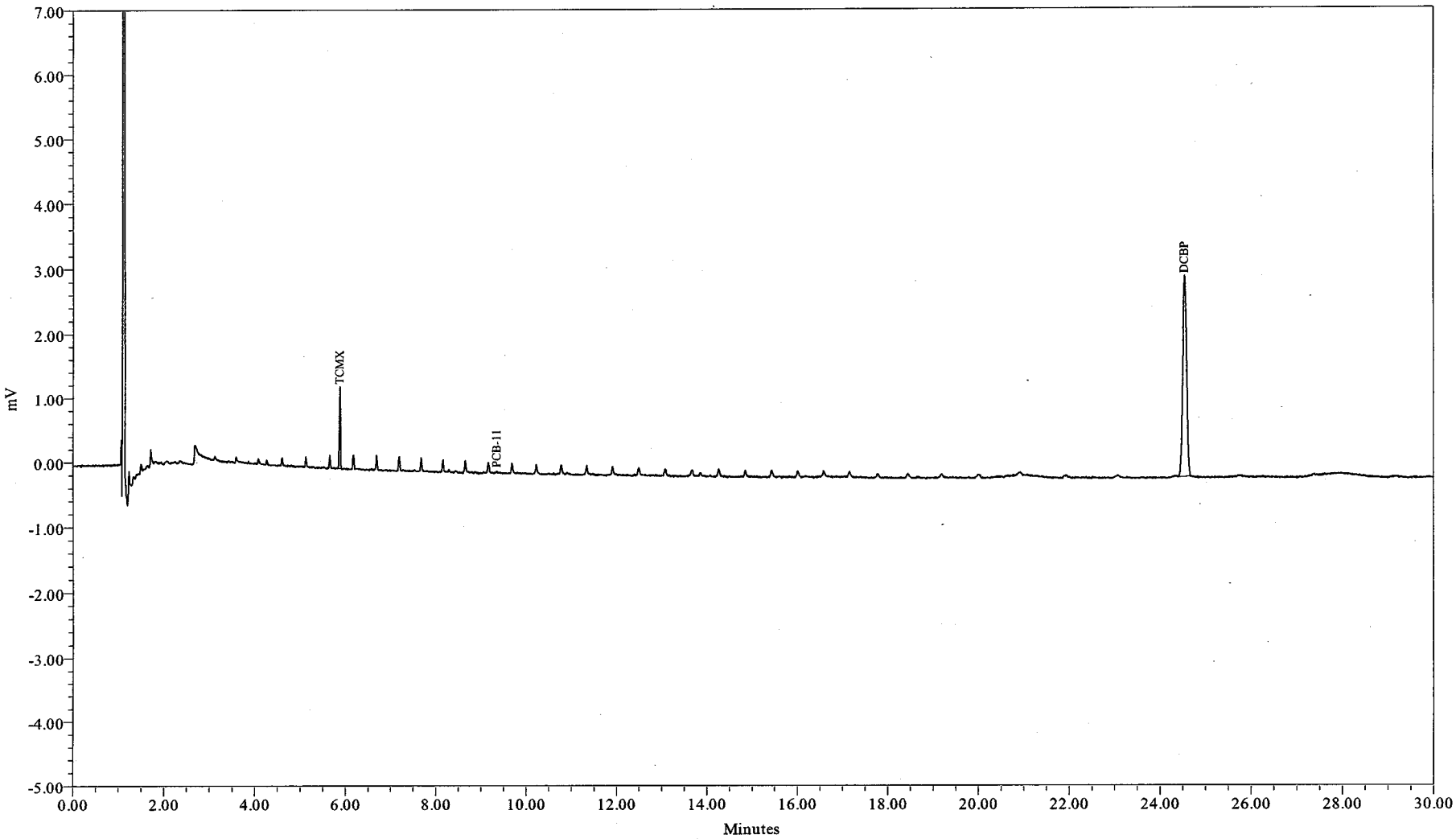

Sample Name:	AL20837	Sample Amount (g) :	6.6860
Sample ID:	P2SD-38A-01	Dilution:	25
Date Acquired:	12/27/2008 21:56:02 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-66

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Sample Name:	AL20837	Sample Amount (g) :	6.6860
Sample ID:	P2SD-38A-01	Dilution:	25
Date Acquired:	12/27/2008 21:56:02 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 09:40:27 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:17:18 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-66

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	1910	8.269	82.7	
2	PCB-11	9.36	bb	42			
3	DCBP	24.55	bb	18216	86.836		86.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1248	42	1.319	0.00493	0.0748	NR	
2	A1248-14/15	42			0.0748	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-03
Matrix:	Soil	Client ID:	P2SL-40A-01
Sample wt(Dry)/vol:	4.8951 g	Lab Sample ID:	AL20838
Percent Moisture:	51.9	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	20
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-67

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	2.04	U
1	11104-28-2	Aroclor 1221	2.04	U
1	11141-16-5	Aroclor 1232	2.04	U
1	53469-21-9	Aroclor 1242	19.7	AD
1	12672-29-6	Aroclor 1248	2.04	U
1	11097-69-1	Aroclor 1254	5.86	AF
1	11096-82-5	Aroclor 1260	2.04	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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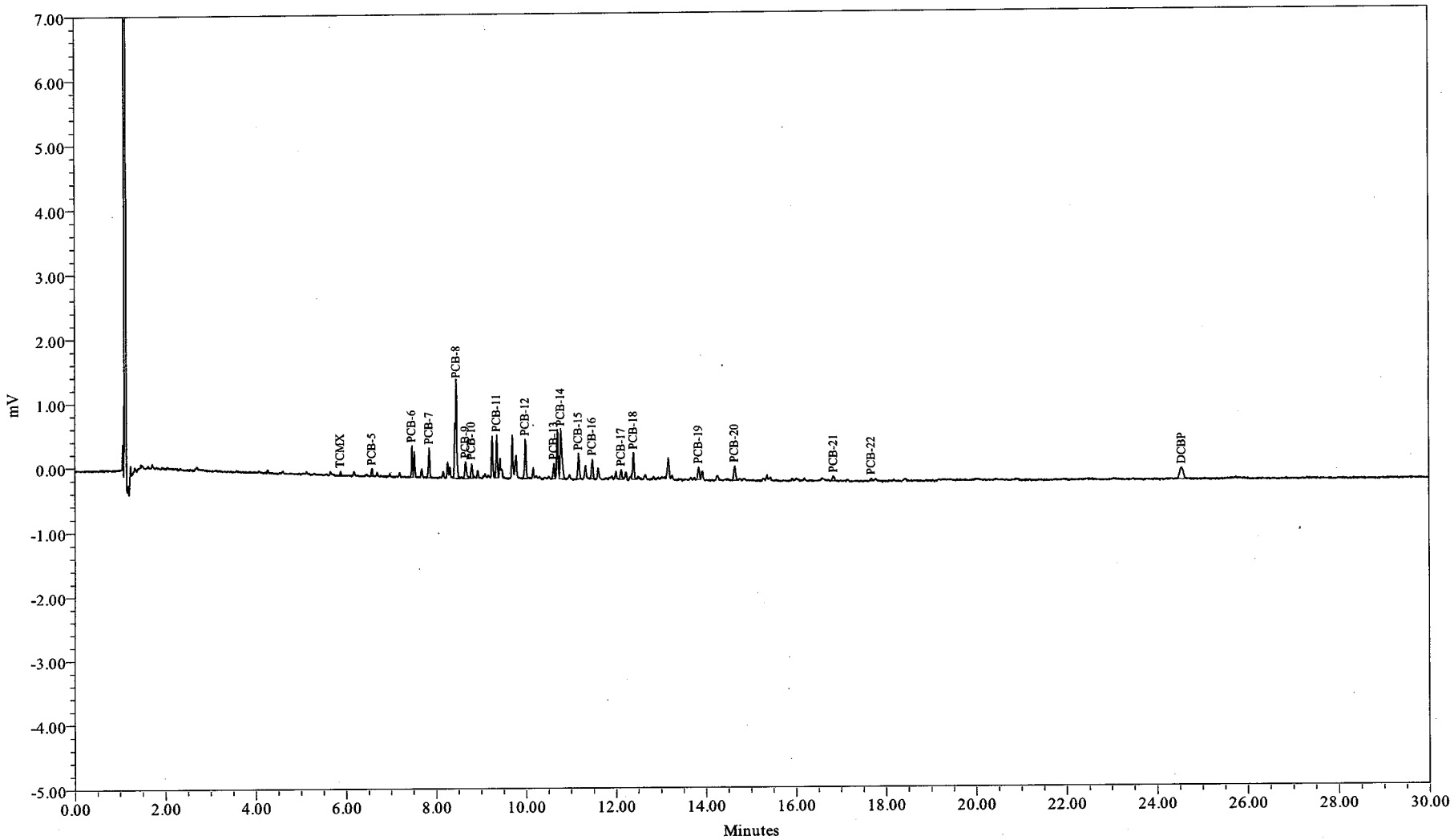

Sample Name:	AL20838	Sample Amount (g) :	4.8950
Sample ID:	P2SL-40A-01	Dilution:	500
Date Acquired:	12/27/2008 22:28:38 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-67

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
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Sample Name:	AL20838	Sample Amount (g) :	4.8950
Sample ID:	P2SL-40A-01	Dilution:	500
Date Acquired:	12/27/2008 22:28:38 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 09:41:52 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:17:35 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-67

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	127	0.245	49.0	
2	PCB-5	6.59	bb	176			
3	PCB-6	7.47	bV	849			
4	PCB-7	7.86	bb	918			
5	PCB-8	8.46	bv	4141			
6	PCB-9	8.67	BV	740			
7	PCB-10	8.80	Vv	453			
8	PCB-11	9.36	bV	1259			
9	PCB-12	10.00	bb	1386			
10	PCB-13	10.63	bV	520			
11	PCB-14	10.79	Vb	2252			
12	PCB-15	11.18	bb	909			
13	PCB-16	11.48	bb	640			
14	PCB-17	12.13	bv	378			
15	PCB-18	12.40	vb	985			
16	PCB-19	13.85	bv	477			
17	PCB-20	14.65	bb	586			
18	PCB-21	16.85	bb	194			
19	PCB-22	17.69	bb	100			
20	DCBP	24.56	bb	1007	2.505		50.1

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	7100	161.642	16.51091	2.04	NR	
2	A1221	176	14.397	1.47062	2.04	NR	
3	A1221-2	176	15.773	1.61113	2.04	NR	
4	A1232	6427	299.265	30.56846	2.04	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
5	A1232-8/9	1547	160.732	16.41797	2.04	NR	
6	A1242	7100	193.249	19.73940	2.04	X	AD
7	A1248	6327	177.927	18.17434	2.04	NR	
8	A1248-11/15	4159	179.910	18.37688	2.04	NR	
9	A1248-14/15	3166	186.549	19.05501	2.04	NR	
10	A1254	3065	57.331	5.85607	2.04	X	AF
11	A1254-17/18	1702	54.401	5.55681	2.04	NR	
12	A1254-19/20	2003	63.114	6.44678	2.04	NR	
13	A1254-20	2480	59.493	6.07693	2.04	NR	
14	A1260	880	14.940	1.52601	2.04	NR	
15	A1260-20	294	7.377	0.75355	2.04	NR	
16	A1260-23/24	880	17.408	1.77813	2.04	NR	
17	A1262	880				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-04
Matrix:	Soil	Client ID:	P2SL-40B-01
Sample wt(Dry)/vol:	4.6134 g	Lab Sample ID:	AL20839
Percent Moisture:	56.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	40
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-68

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

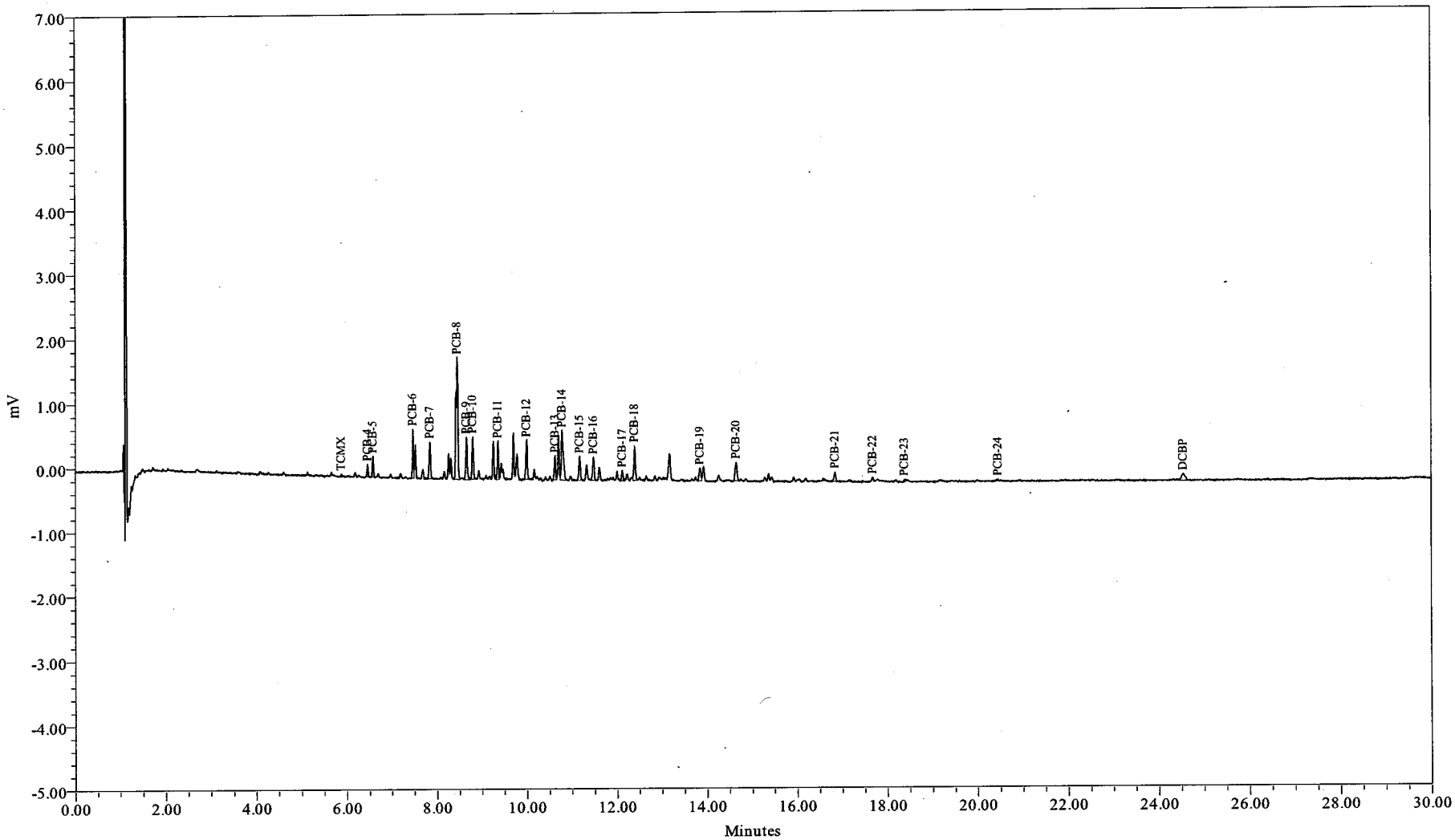
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	4.34	U J
1	11104-28-2	Aroclor 1221	4.34	U J
1	11141-16-5	Aroclor 1232	4.34	U J
1	53469-21-9	Aroclor 1242	65.2	AD J
1	12672-29-6	Aroclor 1248	4.34	U J
1	11097-69-1	Aroclor 1254	15.3	AF J
1	11096-82-5	Aroclor 1260	4.34	U J

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20839	Sample Amount (g) :	4.6130
Sample ID:	P2SL-40B-01	Dilution:	1000
Date Acquired:	12/27/2008 23:01:15 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-68

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20839	Sample Amount (g) :	4.6130
Sample ID:	P2SL-40B-01	Dilution:	1000
Date Acquired:	12/27/2008 23:01:15 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 09:43:15 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:17:47 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-68

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	60		0	
2	PCB-4	6.47	bb	302			
3	PCB-5	6.58	bb	511			
4	PCB-6	7.47	bV	1249			
5	PCB-7	7.85	bb	1338			
6	PCB-8	8.46	bv	5606			
7	PCB-9	8.66	BB	1542			
8	PCB-10	8.80	Bb	1297			
9	PCB-11	9.36	bV	1173			
10	PCB-12	10.00	bb	1356			
11	PCB-13	10.63	bV	763			
12	PCB-14	10.78	Vb	2328			
13	PCB-15	11.17	bb	811			
14	PCB-16	11.48	bb	817			
15	PCB-17	12.12	bv	390			
16	PCB-18	12.40	vb	1220			
17	PCB-19	13.85	bV	549			
18	PCB-20	14.65	bb	780			
19	PCB-21	16.85	bb	365			
20	PCB-22	17.68	bb	156			
21	PCB-23	18.39	bb	90			
22	PCB-24	20.45	bb	65			
23	DCBP	24.55	bb	630	0.659		26.3

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	11033	252.897	54.82267	4.34	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
2	A1221	814	70.294	15.23821	4.34	NR	
3	A1221-2	814	75.029	16.26478	4.34	NR	
4	A1221-5	302	52.156	11.30622	4.34	NR	
5	A1232	10295	479.792	104.00867	4.34	NR	
6	A1232-8/9	3147	322.808	69.97785	4.34	NR	
7	A1242	11033	300.737	65.19345	4.34	X	AD
8	A1248	6430	180.808	39.19531	4.34	NR	
9	A1248-11/15	4446	192.337	41.69455	4.34	NR	
10	A1248-14/15	3291	194.064	42.06886	4.34	NR	
11	A1254	3757	70.650	15.31546	4.34	X	AF
12	A1254-17/18	2147	68.868	14.92918	4.34	NR	
13	A1254-19/20	2427	77.053	16.70342	4.34	NR	
14	A1254-20	2976	71.964	15.60025	4.34	NR	
15	A1260	1457	25.289	5.48210	4.34	NR	
16	A1260-20	676	17.002	3.68558	4.34	NR	
17	A1260-23/24	1302	26.560	5.75762	4.34	NR	
18	A1262	1457				NR	
19	A1268	155				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-05
Matrix:	Soil	Client ID:	P2SL-40B-03
Sample wt(Dry)/vol:	4.4798 g	Lab Sample ID:	AL20840
Percent Moisture:	56.9	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	40
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-71

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	4.46	U
1	11104-28-2	Aroclor 1221	4.46	U
1	11141-16-5	Aroclor 1232	4.46	U
1	53469-21-9	Aroclor 1242	58.3	AD
1	12672-29-6	Aroclor 1248	4.46	U
1	11097-69-1	Aroclor 1254	14.5	AF
1	11096-82-5	Aroclor 1260	4.46	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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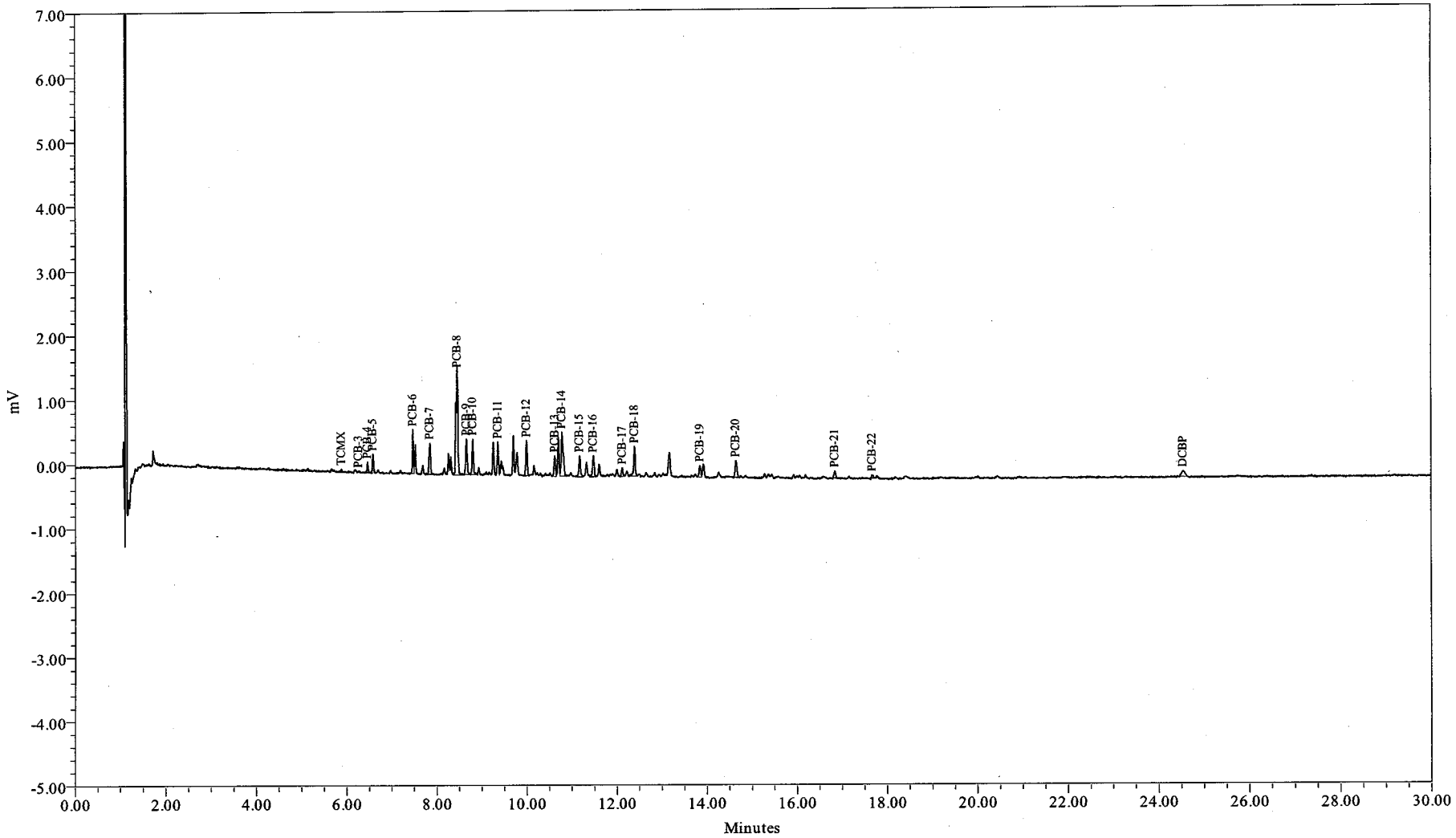

Sample Name:	AL20840	Sample Amount (g) :	4.4800
Sample ID:	P2SL-40B-03	Dilution:	1000
Date Acquired:	12/28/2008 00:39:04 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-71

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Sample Name:	AL20840	Sample Amount (g) :	4.4800
Sample ID:	P2SL-40B-03	Dilution:	1000
Date Acquired:	12/28/2008 00:39:04 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 09:53:35 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:19 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-71

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	97	0.111	44.2	
2	PCB-3	6.26	bb	32			
3	PCB-4	6.46	bb	271			
4	PCB-5	6.58	bb	506			
5	PCB-6	7.47	bV	1077			
6	PCB-7	7.85	bb	1147			
7	PCB-8	8.46	bB	5022			
8	PCB-9	8.66	BB	1239			
9	PCB-10	8.80	Bb	1106			
10	PCB-11	9.36	bV	1010			
11	PCB-12	9.99	bb	1248			
12	PCB-13	10.62	bV	705			
13	PCB-14	10.78	Vb	2068			
14	PCB-15	11.17	bV	803			
15	PCB-16	11.48	Vb	798			
16	PCB-17	12.12	bv	312			
17	PCB-18	12.39	vb	1116			
18	PCB-19	13.85	bv	479			
19	PCB-20	14.64	bb	763			
20	PCB-21	16.84	bb	286			
21	PCB-22	17.67	bb	104			
22	DCBP	24.55	bb	472			0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	9591	219.446	48.98340	4.46	NR	
2	A1221	809	69.876	15.59743	4.46	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	809	74.587	16.64887	4.46	NR	
4	A1221-5	303	52.209	11.65371	4.46	NR	
5	A1232	9020	420.311	93.81931	4.46	NR	
6	A1232-8/9	2759	283.521	63.28591	4.46	NR	
7	A1242	9591	261.335	58.33379	4.46	X	AD
8	A1248	5834	164.058	36.62000	4.46	NR	
9	A1248-11/15	4021	173.967	38.83201	4.46	NR	
10	A1248-14/15	2963	174.376	38.92322	4.46	NR	
11	A1254	3468	65.094	14.52986	4.46	X	AF
12	A1254-17/18	2041	65.405	14.59940	4.46	NR	
13	A1254-19/20	2226	70.431	15.72132	4.46	NR	
14	A1254-20	2705	65.154	14.54322	4.46	NR	
15	A1260	1153	19.841	4.42888	4.46	NR	
16	A1260-20	390	9.789	2.18495	4.46	NR	
17	A1260-23/24	1153	23.332	5.20814	4.46	NR	
18	A1262	1153				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-06
Matrix:	Sediment	Client ID:	P2SD-41A-01
Sample wt(Dry)/vol:	4.8182 g	Lab Sample ID:	AL20841
Percent Moisture:	53.8	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-73

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.104	U
1	11104-28-2	Aroclor 1221	0.104	U
1	11141-16-5	Aroclor 1232	0.104	U
1	53469-21-9	Aroclor 1242	0.104	U
1	12672-29-6	Aroclor 1248	0.104	U
1	11097-69-1	Aroclor 1254	0.104	U
1	11096-82-5	Aroclor 1260	0.104	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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Phone: (518) 346-4592 Fax: (518) 381-6055
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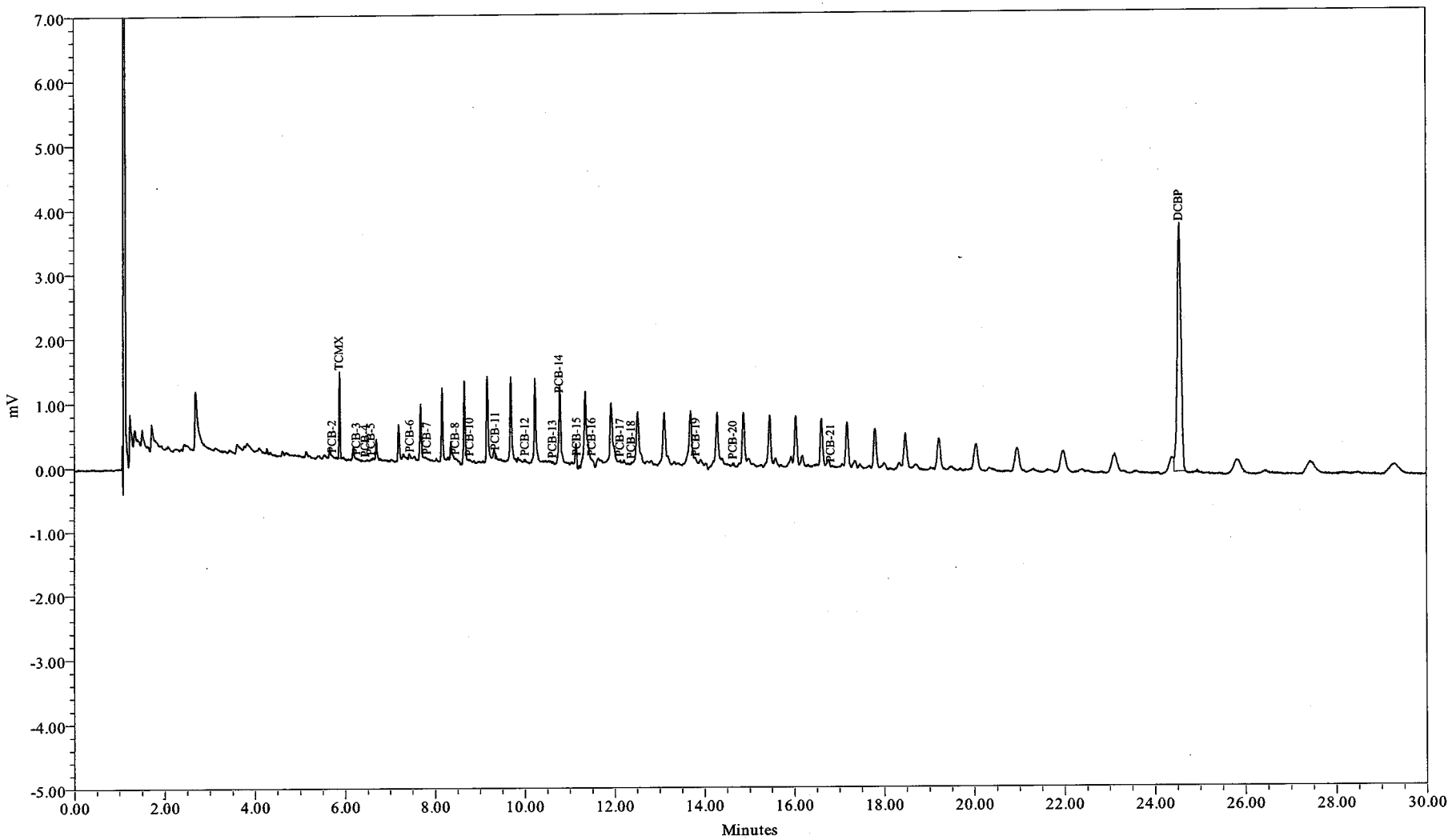

Sample Name:	AL20841	Sample Amount (g) :	4.8180
Sample ID:	P2SD-41A-01	Dilution:	25
Date Acquired:	12/28/2008 01:44:16 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-73

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Sample Name:	AL20841	Sample Amount (g) :	4.8180
Sample ID:	P2SD-41A-01	Dilution:	25
Date Acquired:	12/28/2008 01:44:16 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:35:36 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:20 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-73

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-2	5.72	bb	5			
2	TCMX	5.88	bb	2030	8.810	88.1	
3	PCB-3	6.26	bb	7			
4	PCB-4	6.46	bb	7			
5	PCB-5	6.59	bb	16			
6	PCB-6	7.46	vb	44			
7	PCB-7	7.83	bb	16			
8	PCB-8	8.47	bb	20			
9	PCB-10	8.78	bb	16			
10	PCB-11	9.35	vb	132			
11	PCB-12	10.02	bb	82			
12	PCB-13	10.63	bb	32			
13	PCB-14	10.78	bb	13			
14	PCB-15	11.17	vb	56			
15	PCB-16	11.50	bb	22			
16	PCB-17	12.14	bb	48			
17	PCB-18	12.39	bb	20			
18	PCB-19	13.82	vb	12			
19	PCB-20	14.65	bb	85			
20	PCB-21	16.83	bb	22			
21	DCBP	24.55	vb	22242	106.567		107

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	96			0.104	NR	
2	A1221	35	2.055	0.01066	0.104	NR	
3	A1221-2	30	2.226	0.01155	0.104	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	19	3.624	0.01880	0.104	NR	
5	A1232	68	2.450	0.01271	0.104	NR	
6	A1232-8/9	48	8.959	0.04649	0.104	NR	
7	A1242	96	1.792	0.00930	0.104	NR	
8	A1248	315	8.979	0.04659	0.104	NR	
9	A1248-11/15	127	5.548	0.02879	0.104	NR	
10	A1248-14/15	246	11.578	0.06007	0.104	NR	
11	A1254	188	1.876	0.00974	0.104	NR	
12	A1254-17/18	119	2.862	0.01485	0.104	NR	
13	A1254-19/20	90	0.291	0.00151	0.104	NR	
14	A1254-20	102			0.104	NR	
15	A1260	108	1.080	0.00561	0.104	NR	
16	A1260-20	22	0.538	0.00279	0.104	NR	
17	A1260-23/24	108	0.657	0.00341	0.104	NR	
18	A1262	108				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-07
Matrix:	Soil	Client ID:	P2SL-42A-01
Sample wt(Dry)/vol:	7.1370 g	Lab Sample ID:	AL20842
Percent Moisture:	34.1	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-74

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0701	U
1	11104-28-2	Aroclor 1221	0.0701	U
1	11141-16-5	Aroclor 1232	0.0701	U
1	53469-21-9	Aroclor 1242	0.0701	U
1	12672-29-6	Aroclor 1248	0.0701	U
1	11097-69-1	Aroclor 1254	0.0701	U
1	11096-82-5	Aroclor 1260	0.0701	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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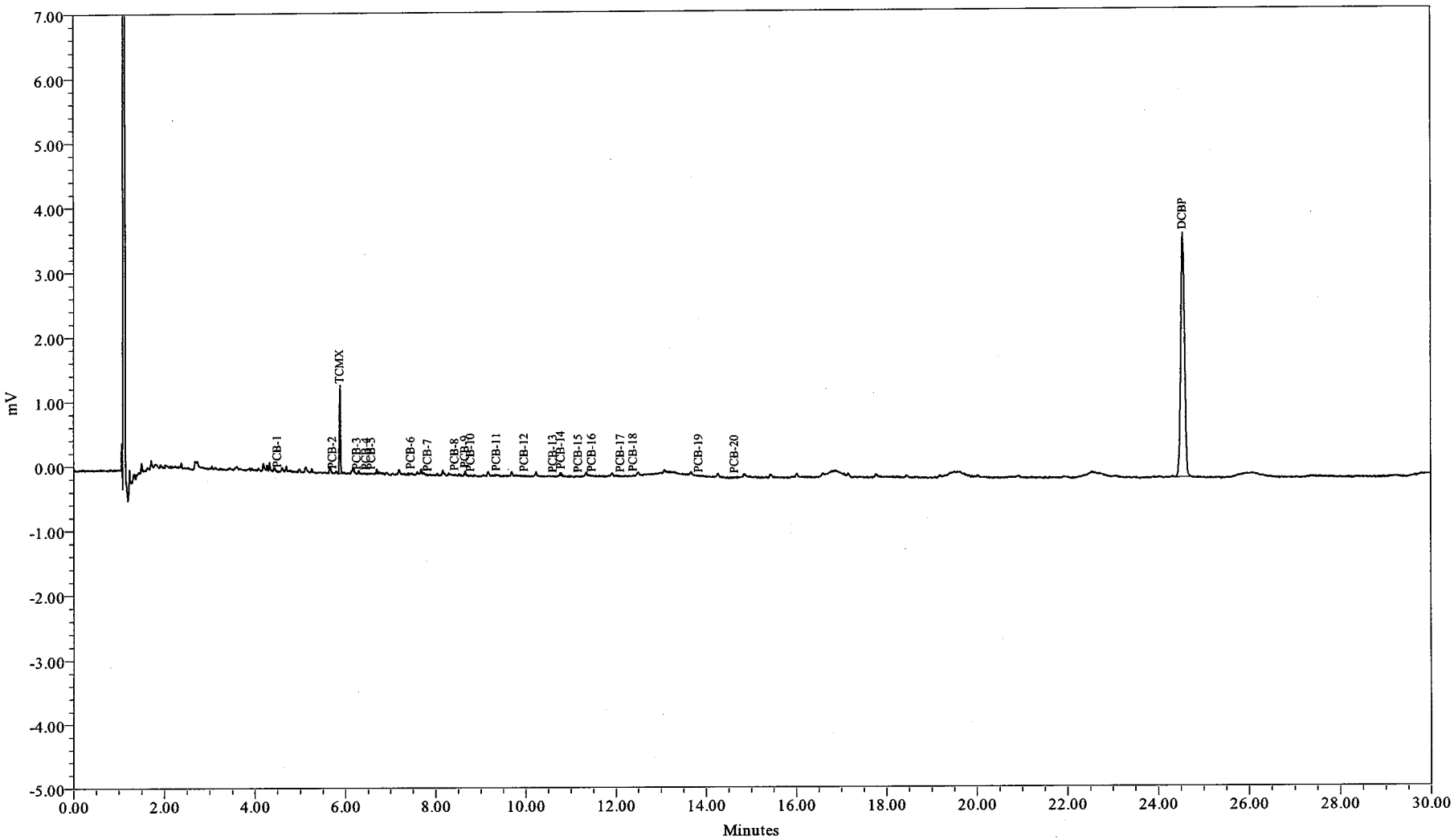

Sample Name:	AL20842	Sample Amount (g) :	7.1370
Sample ID:	P2SL-42A-01	Dilution:	25
Date Acquired:	12/28/2008 02:16:52 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-74

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20842	Sample Amount (g) :	7.1370
Sample ID:	P2SL-42A-01	Dilution:	25
Date Acquired:	12/28/2008 02:16:52 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:37:16 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:28 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-74

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	15			
2	PCB-2	5.72	bb	9			
3	TCMX	5.88	bb	2135	9.283	92.8	
4	PCB-3	6.26	bb	8			
5	PCB-4	6.47	bb	14			
6	PCB-5	6.59	bb	3			
7	PCB-6	7.46	bb	19			
8	PCB-7	7.83	bb	6			
9	PCB-8	8.44	bb	19			
10	PCB-9	8.66	vb	84			
11	PCB-10	8.79	bb	19			
12	PCB-11	9.36	bb	14			
13	PCB-12	9.98	bb	29			
14	PCB-13	10.61	bb	13			
15	PCB-14	10.79	bv	85			
16	PCB-15	11.18	bb	10			
17	PCB-16	11.48	bb	9			
18	PCB-17	12.11	bb	13			
19	PCB-18	12.39	bb	14			
20	PCB-19	13.85	bb	6			
21	PCB-20	14.64	bb	12			
22	DCBP	24.55	bb	21799	104.397		104

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	147	0.277	0.00097	0.0701	NR	
2	A1221	48	3.179	0.01114	0.0701	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	39	3.055	0.01070	0.0701	NR	
4	A1221-5	45	8.041	0.02817	0.0701	NR	
5	A1232	131	5.391	0.01888	0.0701	NR	
6	A1232-8/9	28	6.906	0.02419	0.0701	NR	
7	A1242	147	3.178	0.01113	0.0701	NR	
8	A1248	152	4.408	0.01544	0.0701	NR	
9	A1248-11/15	128	5.588	0.01957	0.0701	NR	
10	A1248-14/15	57	0.271	0.00095	0.0701	NR	
11	A1254	55			0.0701	NR	
12	A1254-17/18	28			0.0701	NR	
13	A1254-19/20	37			0.0701	NR	
14	A1254-20	43			0.0701	NR	
15	A1260	12			0.0701	NR	
16	A1260-23/24	12			0.0701	NR	
17	A1262	12				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-08
Matrix:	Sediment	Client ID:	P2SD-43A-01
Sample wt(Dry)/vol:	3.8962 g	Lab Sample ID:	AL20843
Percent Moisture:	61.5	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	2
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-75

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

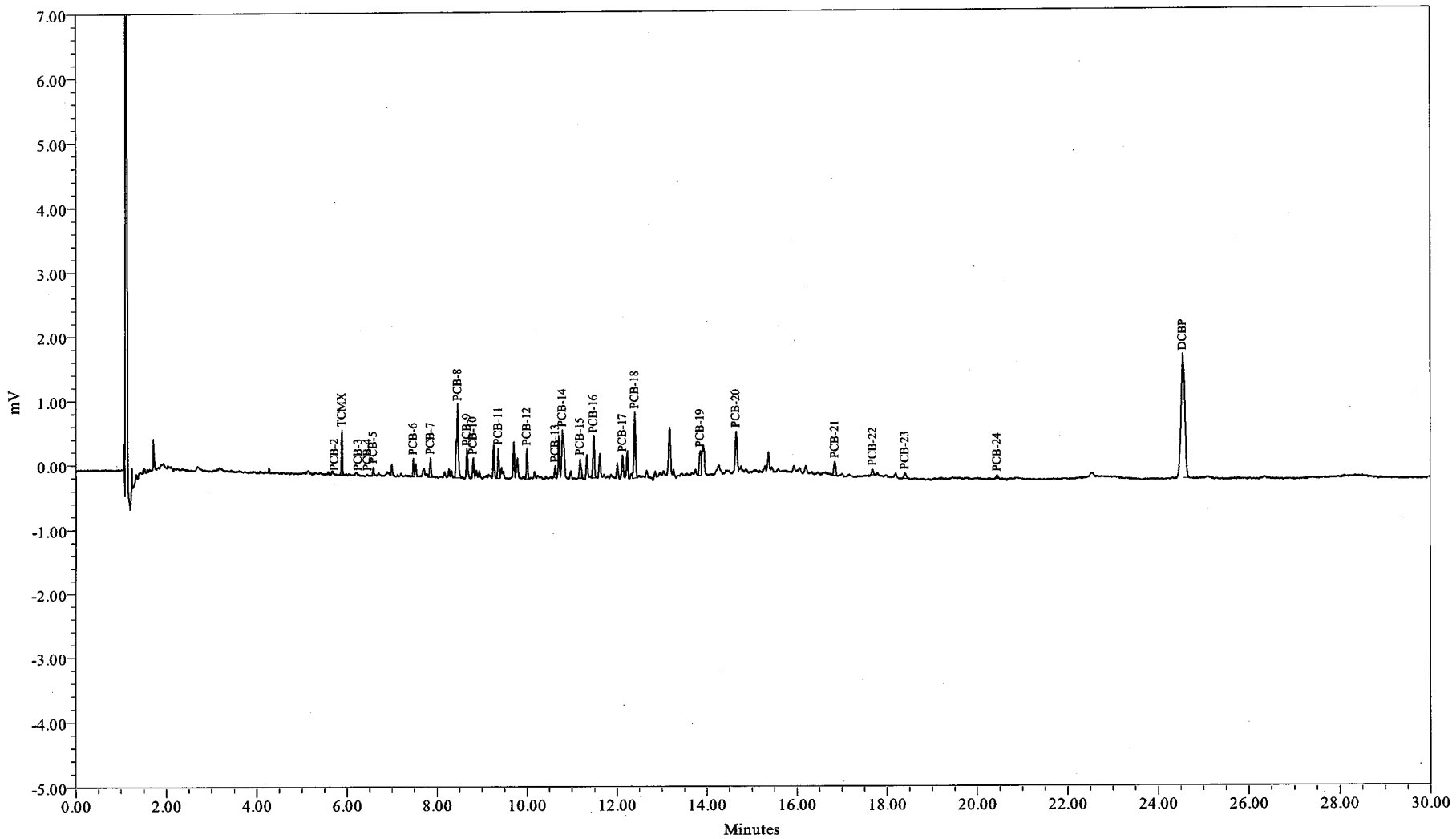
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.257	U
1	11104-28-2	Aroclor 1221	0.257	U
1	11141-16-5	Aroclor 1232	0.257	U
1	53469-21-9	Aroclor 1242	1.99	AD
1	12672-29-6	Aroclor 1248	0.257	U
1	11097-69-1	Aroclor 1254	1.79	AF
1	11096-82-5	Aroclor 1260	0.411	AG

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20843	Sample Amount (g) :	3.8960
Sample ID:	P2SD-43A-01	Dilution:	50
Date Acquired:	12/28/2008 02:49:29 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-75

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20843	Sample Amount (g) :	3.8960
Sample ID:	P2SD-43A-01	Dilution:	50
Date Acquired:	12/28/2008 02:49:29 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:39:49 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:45 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-75

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-2	5.72	bb	14			
2	TCMX	5.89	bb	1084	4.551	91.0	
3	PCB-3	6.25	bb	13			
4	PCB-4	6.46	bb	30			
5	PCB-5	6.59	bb	200			
6	PCB-6	7.48	bV	445			
7	PCB-7	7.86	bv	658			
8	PCB-8	8.46	bb	3079			
9	PCB-9	8.67	bv	949			
10	PCB-10	8.81	BV	580			
11	PCB-11	9.36	bV	1010			
12	PCB-12	10.00	bb	952			
13	PCB-13	10.63	bb	351			
14	PCB-14	10.79	Vb	2569			
15	PCB-15	11.18	bv	731			
16	PCB-16	11.49	bb	1453			
17	PCB-17	12.13	bV	818			
18	PCB-18	12.40	vb	2427			
19	PCB-19	13.85	bV	959			
20	PCB-20	14.65	bv	1682			
21	PCB-21	16.85	bb	582			
22	PCB-22	17.69	bb	246			
23	PCB-23	18.40	bb	303			
24	PCB-24	20.44	bb	142			
25	DCBP	24.55	bb	11290	52.899		106

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	5711	129.409	1.66079	0.257	NR	
2	A1221	257	21.498	0.27590	0.257	NR	
3	A1221-2	243	22.032	0.28276	0.257	NR	
4	A1221-5	57	10.090	0.12949	0.257	NR	
5	A1232	5466	254.411	3.26502	0.257	NR	
6	A1232-8/9	1438	149.746	1.92179	0.257	NR	
7	A1242	5711	155.281	1.99283	0.257	X	AD
8	A1248	5613	157.849	2.02579	0.257	NR	
9	A1248-11/15	3871	167.463	2.14917	0.257	NR	
10	A1248-14/15	2313	135.440	1.73819	0.257	NR	
11	A1254	7338	139.661	1.79237	0.257	X	AF
12	A1254-17/18	4094	132.229	1.69699	0.257	NR	
13	A1254-19/20	4697	151.618	1.94581	0.257	NR	
14	A1254-20	5656	139.220	1.78671	0.257	NR	
15	A1260	2956	52.196	0.66987	0.257	NR	
16	A1260-20	1274	32.042	0.41122	0.257	X	AG
17	A1260-23/24	2510	52.775	0.67730	0.257	NR	
18	A1262	2956				NR	
19	A1268	445				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-09
Matrix:	Sediment	Client ID:	P2SD-43B-01
Sample wt(Dry)/vol:	4.2436 g	Lab Sample ID:	AL20844
Percent Moisture:	61.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-76

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.118	U
1	11104-28-2	Aroclor 1221	0.118	U
1	11141-16-5	Aroclor 1232	0.118	U
1	53469-21-9	Aroclor 1242	0.118	U
1	12672-29-6	Aroclor 1248	0.118	U
1	11097-69-1	Aroclor 1254	0.118	U
1	11096-82-5	Aroclor 1260	0.118	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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Phone: (518) 346-4592 Fax: (518) 381-6055
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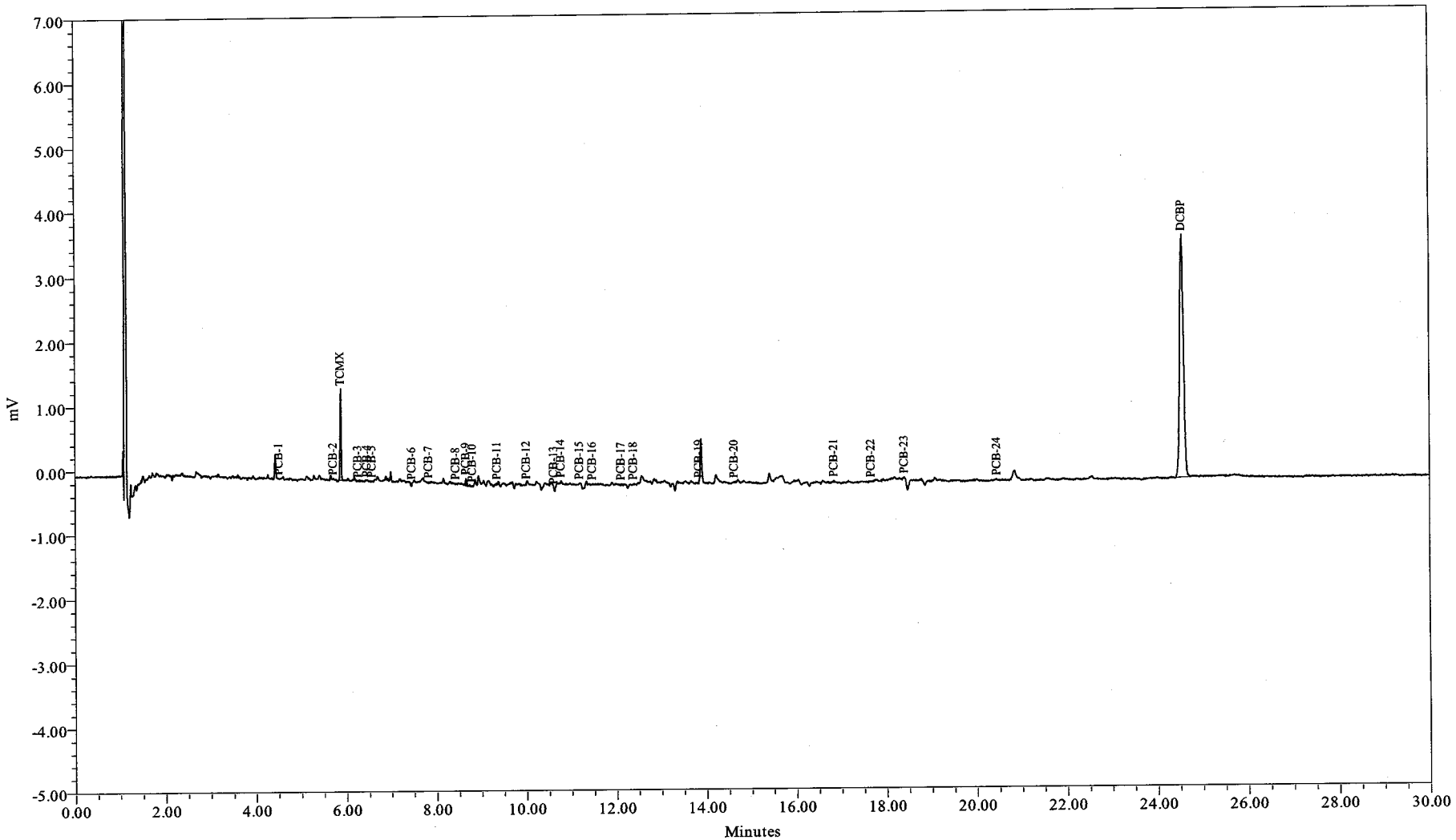

Sample Name:	AL20844	Sample Amount (g) :	4.2440
Sample ID:	P2SD-43B-01	Dilution:	25
Date Acquired:	12/28/2008 03:22:05 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-76

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20844	Sample Amount (g) :	4.2440
Sample ID:	P2SD-43B-01	Dilution:	25
Date Acquired:	12/28/2008 03:22:05 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:42:13 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:46 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-76

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.51	bb	13			
2	PCB-2	5.72	bb	15			
3	TCMX	5.88	bb	2194	9.550	95.5	
4	PCB-3	6.27	bb	5			
5	PCB-4	6.47	bb	1			
6	PCB-5	6.58	bb	9			
7	PCB-6	7.47	bb	9			
8	PCB-7	7.84	bb	17			
9	PCB-8	8.44	bb	7			
10	PCB-9	8.67	vv	98			
11	PCB-10	8.81	bb	27			
12	PCB-11	9.36	bv	52			
13	PCB-12	10.01	bv	33			
14	PCB-13	10.62	vb	1			
15	PCB-14	10.78	bb	66			
16	PCB-15	11.19	bb	32			
17	PCB-16	11.48	bb	21			
18	PCB-17	12.12	bb	51			
19	PCB-18	12.39	bb	26			
20	PCB-19	13.85	bv	11			
21	PCB-20	14.63	bb	37			
22	PCB-21	16.85	bb	55			
23	PCB-22	17.67	bb	15			
24	PCB-23	18.41	bb	23			
25	PCB-24	20.46	bb	23			
26	DCBP	24.56	bb	21924	105.009		105

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	158	0.523	0.00308	0.118	NR	
2	A1221	42	2.645	0.01558	0.118	NR	
3	A1221-2	27	1.954	0.01151	0.118	NR	
4	A1221-5	33	5.994	0.03531	0.118	NR	
5	A1232	158	6.645	0.03914	0.118	NR	
6	A1232-8/9	53	9.437	0.05559	0.118	NR	
7	A1242	158	3.468	0.02043	0.118	NR	
8	A1248	183	5.275	0.03108	0.118	NR	
9	A1248-11/15	99	4.362	0.02570	0.118	NR	
10	A1248-14/15	86	1.985	0.01169	0.118	NR	
11	A1254	145	1.058	0.00623	0.118	NR	
12	A1254-17/18	68	1.205	0.00710	0.118	NR	
13	A1254-19/20	98	0.528	0.00311	0.118	NR	
14	A1254-20	108			0.118	NR	
15	A1260	152	1.878	0.01106	0.118	NR	
16	A1260-20	115	2.882	0.01697	0.118	NR	
17	A1260-23/24	107	0.630	0.00371	0.118	NR	
18	A1262	152				NR	
19	A1268	46				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-10
Matrix:	Sediment	Client ID:	P2SD-43B-03
Sample wt(Dry)/vol:	4.1732 g	Lab Sample ID:	AL20845
Percent Moisture:	60.5	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-79

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.120	U
1	11104-28-2	Aroclor 1221	0.120	U
1	11141-16-5	Aroclor 1232	0.120	U
1	53469-21-9	Aroclor 1242	0.120	U
1	12672-29-6	Aroclor 1248	0.120	U
1	11097-69-1	Aroclor 1254	0.120	U
1	11096-82-5	Aroclor 1260	0.120	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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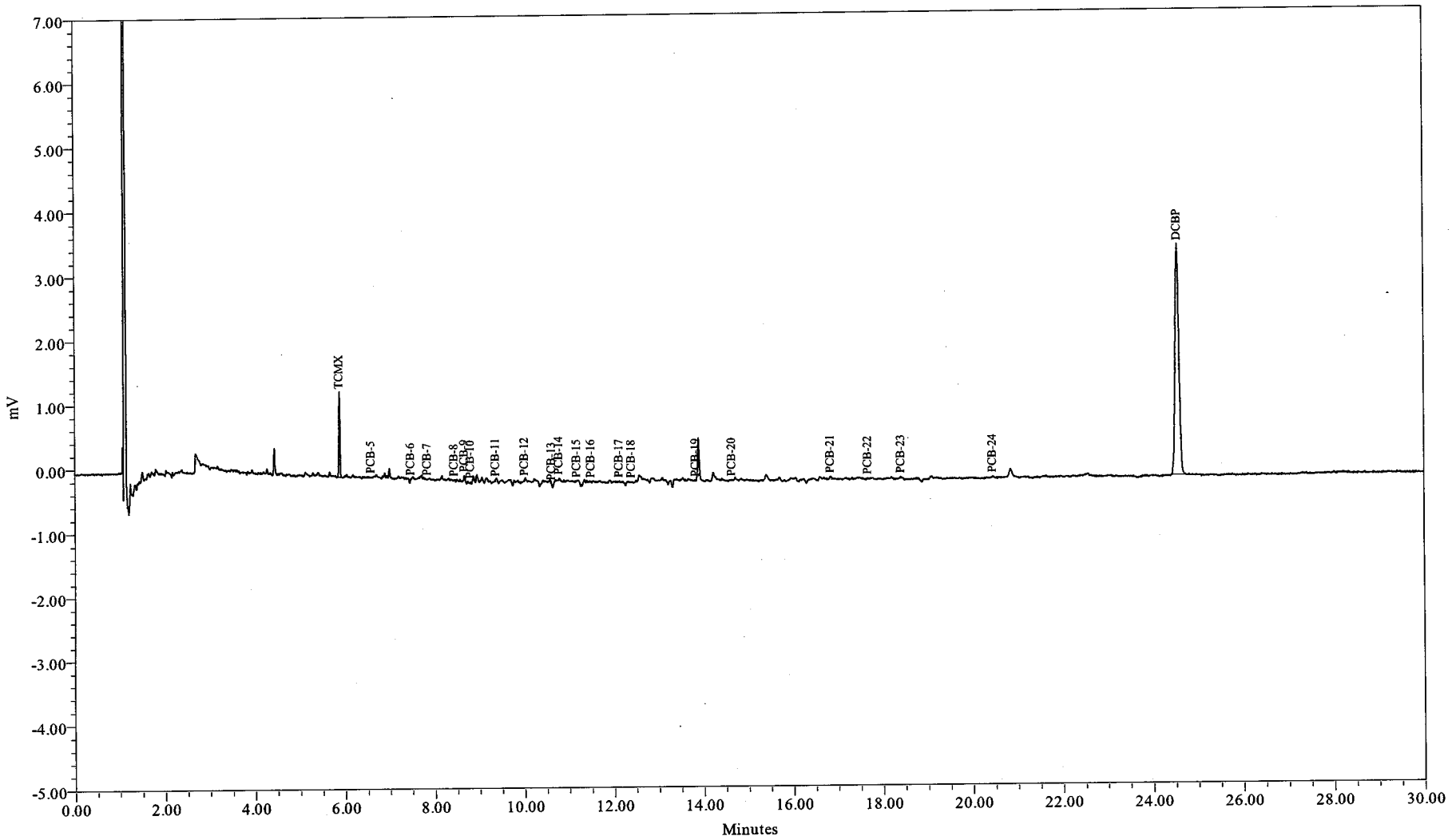

Sample Name:	AL20845	Sample Amount (g) :	4.1730
Sample ID:	P2SD-43B-03	Dilution:	25
Date Acquired:	12/28/2008 04:59:55 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-79

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20845	Sample Amount (g) :	4.1730
Sample ID:	P2SD-43B-03	Dilution:	25
Date Acquired:	12/28/2008 04:59:55 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:48:24 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:06 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-79

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	2047	8.887	88.9	
2	PCB-5	6.58	bb	14			
3	PCB-6	7.47	bb	7			
4	PCB-7	7.84	bb	5			
5	PCB-8	8.44	bb	19			
6	PCB-9	8.67	bv	52			
7	PCB-10	8.80	bb	35			
8	PCB-11	9.36	bv	31			
9	PCB-12	10.01	bv	26			
10	PCB-13	10.61	bb	6			
11	PCB-14	10.78	bb	52			
12	PCB-15	11.17	bb	12			
13	PCB-16	11.49	bb	11			
14	PCB-17	12.12	bb	44			
15	PCB-18	12.39	bb	27			
16	PCB-19	13.83	bb	4			
17	PCB-20	14.64	bb	15			
18	PCB-21	16.84	bb	125			
19	PCB-22	17.67	bb	33			
20	PCB-23	18.41	bb	70			
21	PCB-24	20.45	bb	22			
22	DCBP	24.56	bb	20821	99.601		99.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	118			0.120	NR	
2	A1221	14	0.247	0.00148	0.120	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	14	0.772	0.00462	0.120	NR	
4	A1232	126	5.159	0.03091	0.120	NR	
5	A1232-8/9	54	9.579	0.05739	0.120	NR	
6	A1242	118	2.393	0.01433	0.120	NR	
7	A1248	127	3.717	0.02227	0.120	NR	
8	A1248-11/15	85	3.744	0.02243	0.120	NR	
9	A1248-14/15	64	0.668	0.00400	0.120	NR	
10	A1254	101	0.211	0.00126	0.120	NR	
11	A1254-17/18	30			0.120	NR	
12	A1254-19/20	82	0.018	0.00011	0.120	NR	
13	A1254-20	86			0.120	NR	
14	A1260	265	3.908	0.02341	0.120	NR	
15	A1260-20	250	6.275	0.03759	0.120	NR	
16	A1260-23/24	173	2.077	0.01244	0.120	NR	
17	A1262	265				NR	
18	A1268	92				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-11
Matrix:	Soil	Client ID:	P2SL-44A-01
Sample wt(Dry)/vol:	4.8479 g	Lab Sample ID:	AL20846
Percent Moisture:	52.8	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	4
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-80

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.413	U
1	11104-28-2	Aroclor 1221	0.413	U
1	11141-16-5	Aroclor 1232	0.413	U
1	53469-21-9	Aroclor 1242	1.11	AD
1	12672-29-6	Aroclor 1248	0.413	U
1	11097-69-1	Aroclor 1254	4.66	AF
1	11096-82-5	Aroclor 1260	0.916	AG

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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Phone: (518) 346-4592 Fax: (518) 381-6055
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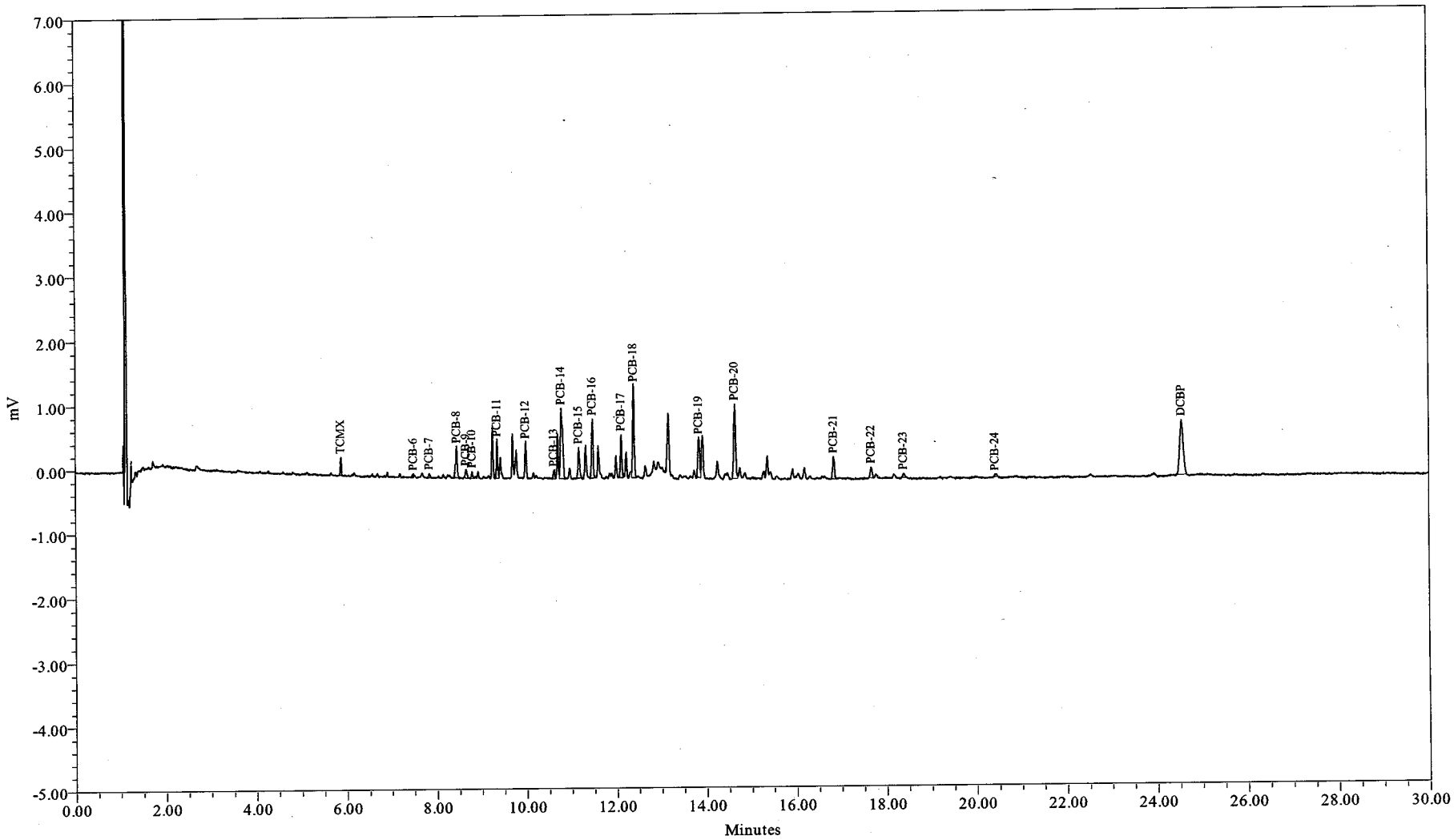

Sample Name:	AL20846	Sample Amount (g) :	4.8480
Sample ID:	P2SL-44A-01	Dilution:	100
Date Acquired:	12/28/2008 05:32:32 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-80

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Sample Name:	AL20846	Sample Amount (g) :	4.8480
Sample ID:	P2SL-44A-01	Dilution:	100
Date Acquired:	12/28/2008 05:32:32 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:59:41 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:23 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-80

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	436	1.633	65.3	
2	PCB-6	7.50	bv	107			
3	PCB-7	7.85	bb	144			
4	PCB-8	8.46	bb	1197			
5	PCB-9	8.67	bb	366			
6	PCB-10	8.80	bb	188			
7	PCB-11	9.36	bV	1166			
8	PCB-12	10.00	bb	1281			
9	PCB-13	10.62	bV	316			
10	PCB-14	10.79	Vb	3913			
11	PCB-15	11.18	bb	1142			
12	PCB-16	11.48	bb	1997			
13	PCB-17	12.12	bV	1510			
14	PCB-18	12.40	vb	3432			
15	PCB-19	13.85	bV	1645			
16	PCB-20	14.65	bV	3236			
17	PCB-21	16.85	bb	923			
18	PCB-22	17.68	bb	477			
19	PCB-23	18.40	bb	213			
20	PCB-24	20.43	bb	152			
21	DCBP	24.55	bb	4597	20.099		80.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1260-20	1765	44.399	0.91583	0.413	X	AG
2	A1260-23/24	4635	98.860	2.03919	0.413	NR	
3	A1262	5000				NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1268	365				NR	
5	A1016	2001	43.298	0.89311	0.413	NR	
6	A1232	1894	87.704	1.80908	0.413	NR	
7	A1232-8/9	332	37.663	0.77687	0.413	NR	
8	A1242	2001	53.852	1.11081	0.413	X	AD
9	A1248	7819	219.843	4.53472	0.413	NR	
10	A1248-11/15	5511	238.378	4.91703	0.413	NR	
11	A1248-14/15	2764	162.452	3.35091	0.413	NR	
12	A1254	11820	226.020	4.66212	0.413	X	AF
13	A1254-17/18	6878	222.861	4.59696	0.413	NR	
14	A1254-19/20	6940	225.273	4.64672	0.413	NR	
15	A1254-20	8584	212.714	4.38767	0.413	NR	
16	A1260	5000	88.886	1.83346	0.413	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-12
Matrix:	Soil	Client ID:	P2SL-44B-01
Sample wt(Dry)/vol:	4.3213 g	Lab Sample ID:	AL20847
Percent Moisture:	58.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-81

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.116	U
1	11104-28-2	Aroclor 1221	0.116	U
1	11141-16-5	Aroclor 1232	0.116	U
1	53469-21-9	Aroclor 1242	0.116	U
1	12672-29-6	Aroclor 1248	0.116	U
1	11097-69-1	Aroclor 1254	0.116	U
1	11096-82-5	Aroclor 1260	0.116	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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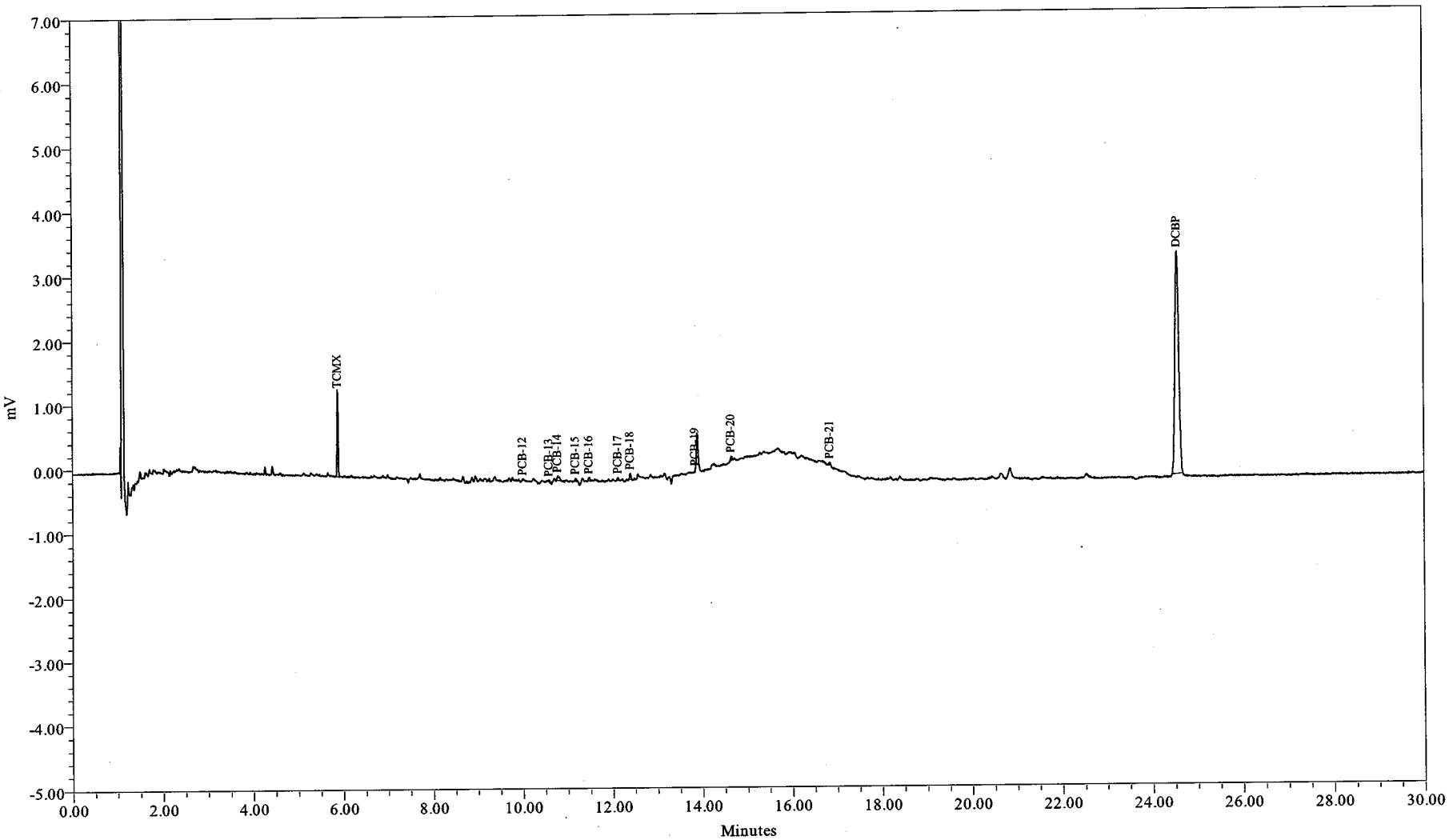

Sample Name:	AL20847	Sample Amount (g) :	4.3210
Sample ID:	P2SL-44B-01	Dilution:	25
Date Acquired:	12/28/2008 06:05:08 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-81

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Sample Name:.	AL20847	Sample Amount (g) :	4.3210
Sample ID:	P2SL-44B-01	Dilution:	25
Date Acquired:	12/28/2008 06:05:08 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 11:00:41 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:24 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-81

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.89	bb	2087	9.065	90.7	
2	PCB-12	10.01	bb	46			
3	PCB-13	10.59	bb	109			
4	PCB-14	10.78	bb	236			
5	PCB-15	11.18	bb	136			
6	PCB-16	11.49	bb	134			
7	PCB-17	12.13	bb	114			
8	PCB-18	12.40	bb	229			
9	PCB-19	13.85	bv	50			
10	PCB-20	14.65	bb	147			
11	PCB-21	16.85	bb	96			
12	DCBP	24.56	bb	20214	96.630		96.6

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1248	527	14.930	0.08638	0.116	NR	
2	A1248-11/15	391	16.961	0.09813	0.116	NR	
3	A1248-14/15	155	6.136	0.03550	0.116	NR	
4	A1254	673	11.239	0.06503	0.116	NR	
5	A1254-17/18	330	9.744	0.05638	0.116	NR	
6	A1254-19/20	477	12.990	0.07516	0.116	NR	
7	A1254-20	527	10.478	0.06062	0.116	NR	
8	A1260	243	3.504	0.02027	0.116	NR	
9	A1260-20	96	2.390	0.01383	0.116	NR	
10	A1260-23/24	243	3.586	0.02075	0.116	NR	
11	A1262	243				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-13
Matrix:	Sediment	Client ID:	P2SD-45A-01
Sample wt(Dry)/vol:	4.6702 g	Lab Sample ID:	AL20848
Percent Moisture:	56.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	50
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-83

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	5.35	U
1	11104-28-2	Aroclor 1221	5.35	U
1	11141-16-5	Aroclor 1232	5.35	U
1	53469-21-9	Aroclor 1242	57.6	AD
1	12672-29-6	Aroclor 1248	5.35	U
1	11097-69-1	Aroclor 1254	13.6	AF
1	11096-82-5	Aroclor 1260	5.35	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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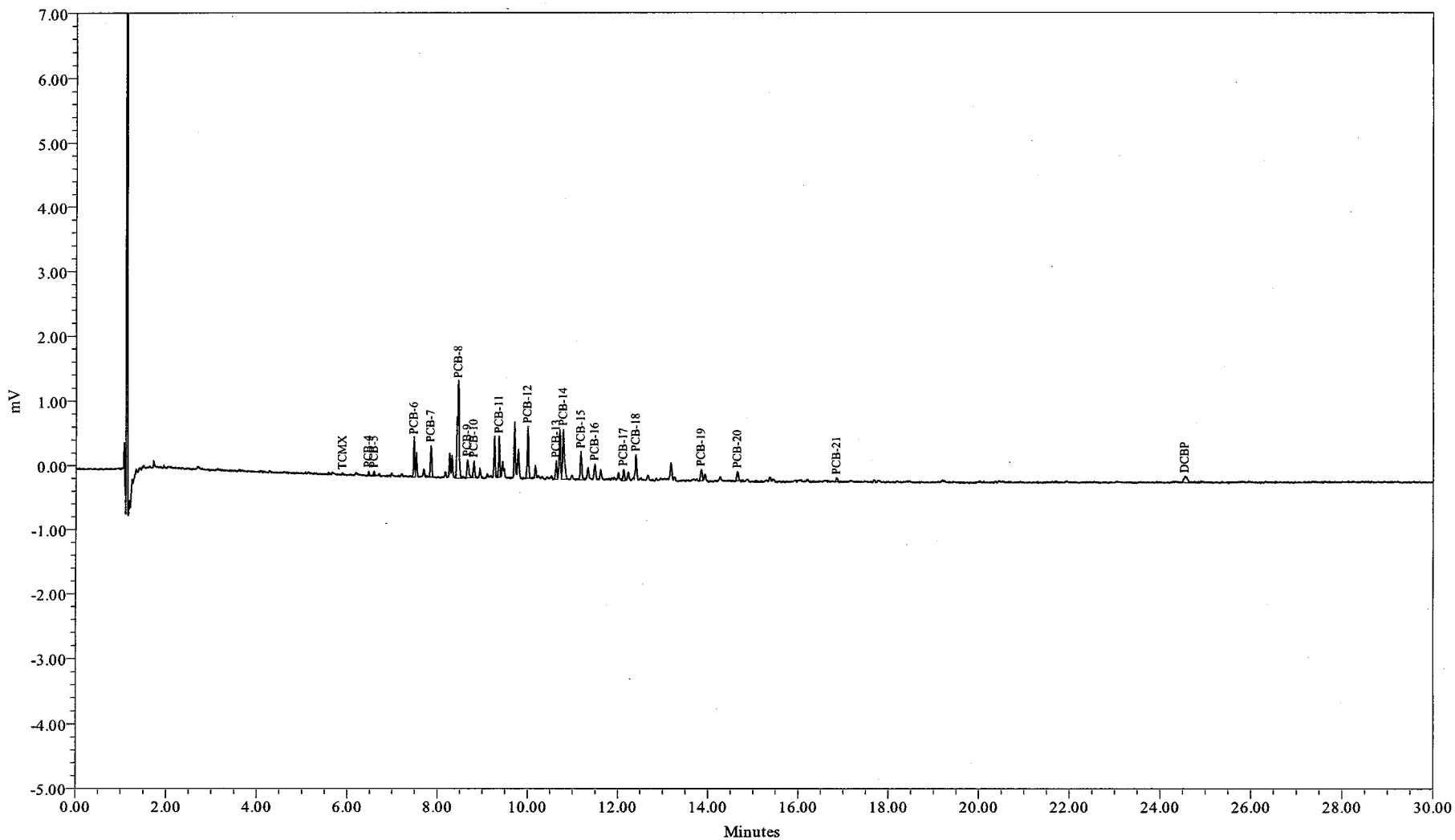

Sample Name:	AL20848	Sample Amount (g) :	4.6700
Sample ID:	P2SD-45A-01	Dilution:	1250
Date Acquired:	12/28/2008 07:10:21 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-83

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Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20848	Sample Amount (g) :	4.6700
Sample ID:	P2SD-45A-01	Dilution:	1250
Date Acquired:	12/28/2008 07:10:21 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 11:02:23 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:26 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-83

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.89	bb	35		0	
2	PCB-4	6.46	bb	134			
3	PCB-5	6.58	bb	101			
4	PCB-6	7.47	bV	1063			
5	PCB-7	7.85	bb	1120			
6	PCB-8	8.46	Vv	4309			
7	PCB-9	8.66	BV	831			
8	PCB-10	8.80	Vb	576			
9	PCB-11	9.36	bV	1175			
10	PCB-12	10.00	bb	1700			
11	PCB-13	10.63	bV	638			
12	PCB-14	10.78	Vb	2171			
13	PCB-15	11.17	bb	1026			
14	PCB-16	11.48	bb	556			
15	PCB-17	12.12	bv	424			
16	PCB-18	12.40	vb	927			
17	PCB-19	13.84	bv	453			
18	PCB-20	14.65	bb	360			
19	PCB-21	16.85	bb	148			
20	DCBP	24.54	bb	567	0.351		17.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1260-20	148	3.704	0.99150	5.35	NR	
2	A1260-23/24	508	9.349	2.50246	5.35	NR	
3	A1262	508				NR	
4	A1016	7899	180.176	48.22710	5.35	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
5	A1221	235	19.550	5.23292	5.35	NR	
6	A1221-2	235	21.236	5.68402	5.35	NR	
7	A1221-5	134	23.296	6.23545	5.35	NR	
8	A1232	6936	323.026	86.46300	5.35	NR	
9	A1232-8/9	1796	185.983	49.78122	5.35	NR	
10	A1242	7899	215.081	57.56974	5.35	X	AD
11	A1248	6710	188.674	50.50159	5.35	NR	
12	A1248-11/15	4509	195.055	52.20955	5.35	NR	
13	A1248-14/15	3513	207.352	55.50116	5.35	NR	
14	A1254	2721	50.688	13.56744	5.35	X	AF
15	A1254-17/18	1370	43.576	11.66377	5.35	NR	
16	A1254-19/20	1907	59.968	16.05137	5.35	NR	
17	A1254-20	2360	56.503	15.12388	5.35	NR	
18	A1260	508	8.272	2.21417	5.35	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-14
Matrix:	Sediment	Client ID:	P2SD-45B-01
Sample wt(Dry)/vol:	4.8859 g	Lab Sample ID:	AL20849
Percent Moisture:	53.2	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-84

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.102	U
1	11104-28-2	Aroclor 1221	0.102	U
1	11141-16-5	Aroclor 1232	0.102	U
1	53469-21-9	Aroclor 1242	0.102	U
1	12672-29-6	Aroclor 1248	0.102	U
1	11097-69-1	Aroclor 1254	0.102	U
1	11096-82-5	Aroclor 1260	0.102	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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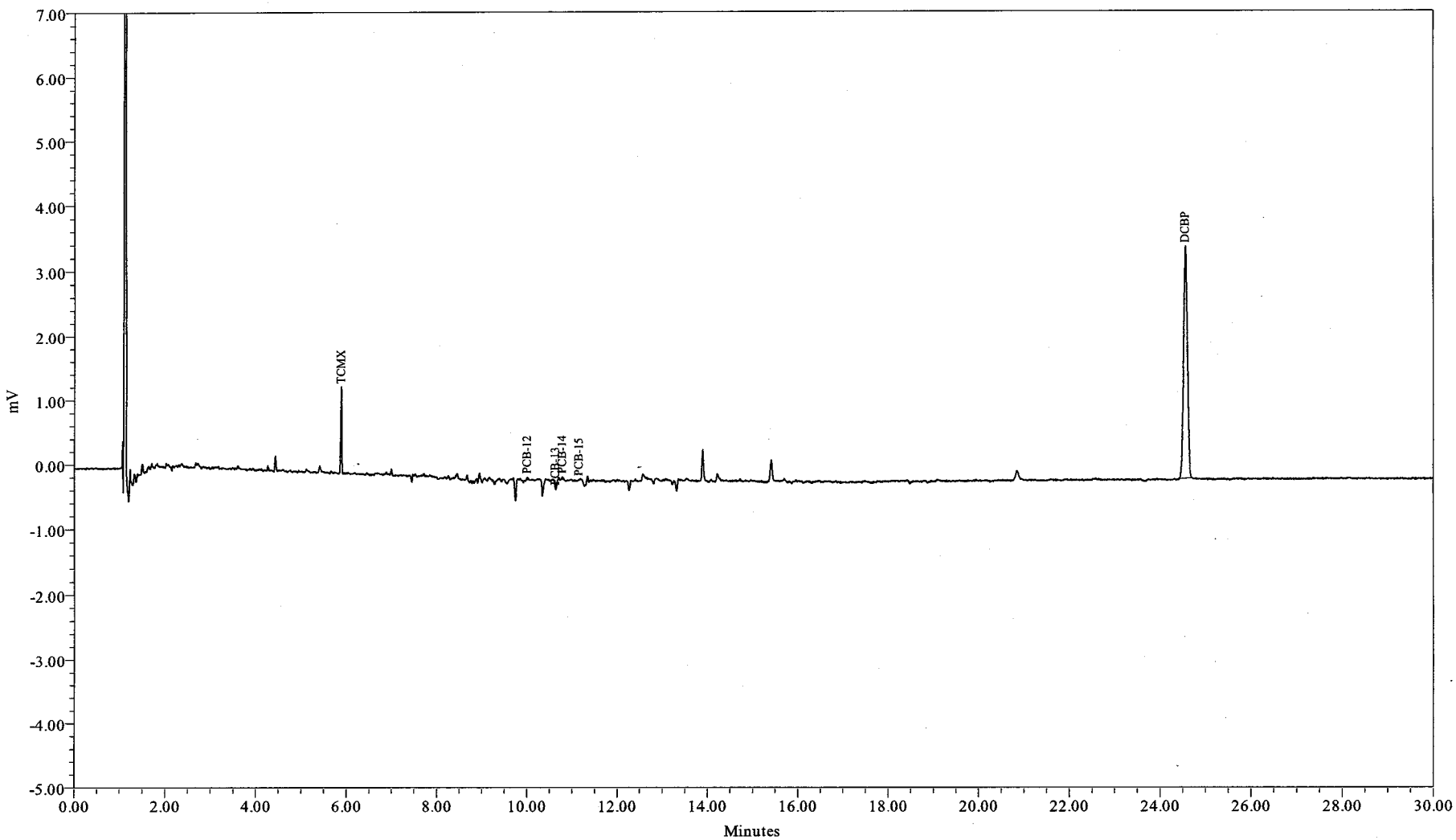

Sample Name:	AL20849	Sample Amount (g) :	4.8860
Sample ID:	P2SD-45B-01	Dilution:	25
Date Acquired:	12/28/2008 07:42:57 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-84

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Sample Name:	AL20849	Sample Amount (g):	4.8860
Sample ID:	P2SD-45B-01	Dilution:	25
Date Acquired:	12/28/2008 07:42:57 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 11:02:59 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	KariLantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:35 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-84

Peak Results

	Peak Name	Ret.Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.89	bb	2101	9.130	91.3	
2	PCB-12	10.01	bb	84			
3	PCB-13	10.64	bb	22			
4	PCB-14	10.79	bb	71			
5	PCB-15	11.16	bb	18			
6	DCBP	24.56	bb	20962	100.293		100

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1248	195	5.624	0.02878	0.102	NR	
2	A1248-11/15	177	7.734	0.03957	0.102	NR	
3	A1248-14/15	106	3.207	0.01641	0.102	NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-15
Matrix:	Soil	Client ID:	P2SL-46A-01
Sample wt(Dry)/vol:	4.7826 g	Lab Sample ID:	AL20850
Percent Moisture:	55.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	20
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-85

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	2.09	U
1	11104-28-2	Aroclor 1221	2.09	U
1	11141-16-5	Aroclor 1232	2.09	U
1	53469-21-9	Aroclor 1242	12.3	AD
1	12672-29-6	Aroclor 1248	2.09	U
1	11097-69-1	Aroclor 1254	6.22	AF
1	11096-82-5	Aroclor 1260	2.09	U

Laboratory Qualifiers:
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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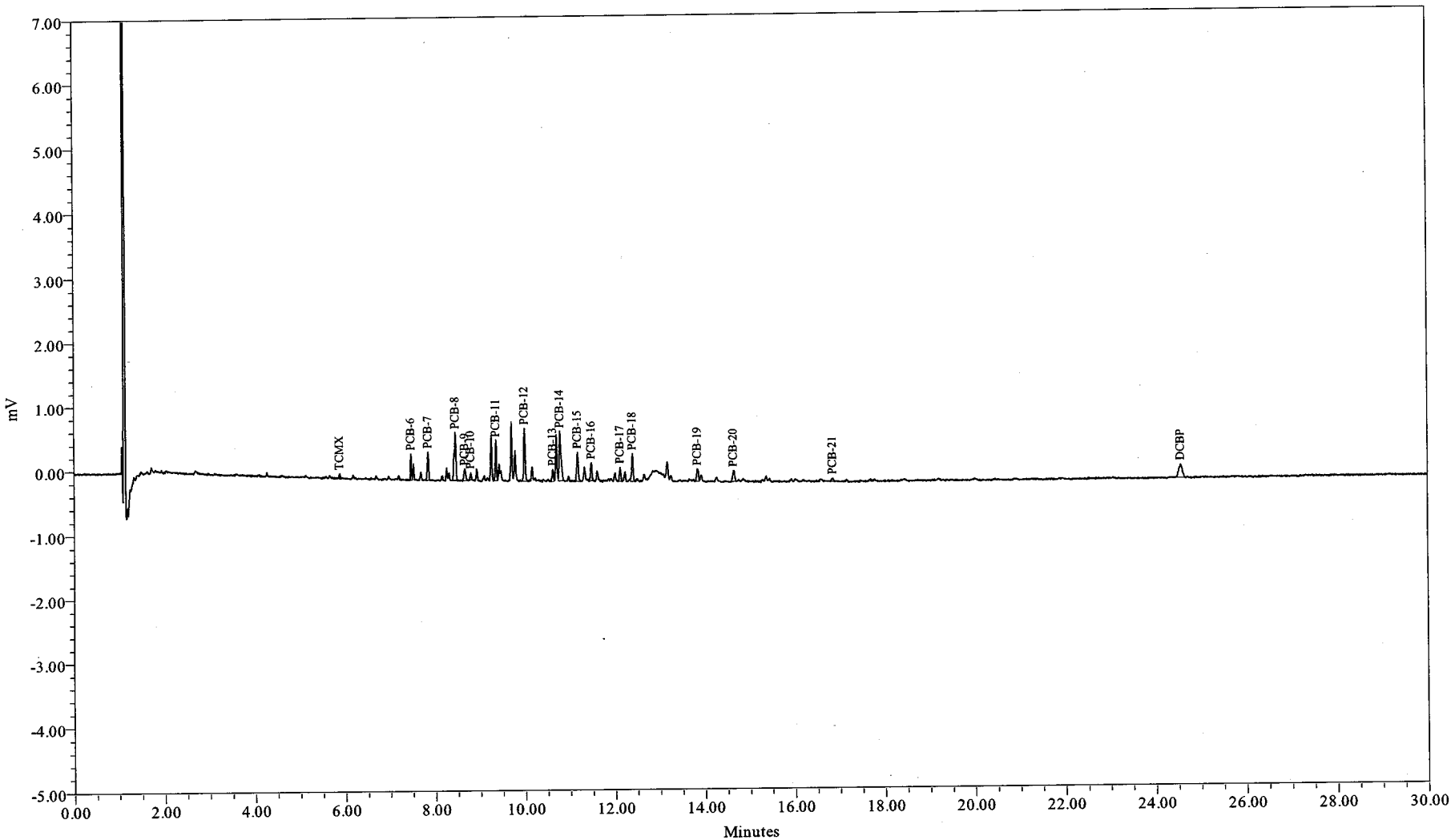

Sample Name:	AL20850	Sample Amount (g) :	4.7830
Sample ID:	P2SL-46A-01	Dilution:	500
Date Acquired:	12/28/2008 08:15:34 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-85

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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Sample Name:	AL20850	Sample Amount (g) :	4.7830
Sample ID:	P2SL-46A-01	Dilution:	500
Date Acquired:	12/28/2008 08:15:34 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:57:32 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:54 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-85

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.89	bb	130	0.258	51.6	
2	PCB-6	7.48	bV	647			
3	PCB-7	7.85	bb	977			
4	PCB-8	8.46	bb	1982			
5	PCB-9	8.68	bb	513			
6	PCB-10	8.80	bb	204			
7	PCB-11	9.36	bV	1199			
8	PCB-12	10.00	bb	1856			
9	PCB-13	10.63	bV	382			
10	PCB-14	10.79	Vb	2210			
11	PCB-15	11.18	bb	1018			
12	PCB-16	11.49	bb	613			
13	PCB-17	12.13	bV	498			
14	PCB-18	12.40	vb	1050			
15	PCB-19	13.85	bv	528			
16	PCB-20	14.65	bb	487			
17	PCB-21	16.86	bb	122			
18	DCBP	24.56	bb	1174	3.324		66.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	4323	97.183	10.15917	2.09	NR	
2	A1232	3676	170.868	17.86203	2.09	NR	
3	A1232-8/9	1181	123.703	12.93151	2.09	NR	
4	A1242	4323	117.323	12.26457	2.09	X	AD
5	A1248	6667	187.463	19.59677	2.09	NR	
6	A1248-11/15	4449	192.449	20.11802	2.09	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
7	A1248-14/15	3438	202.846	21.20485	2.09	NR	
8	A1254	3177	59.473	6.21711	2.09	X	AF
9	A1254-17/18	1629	52.010	5.43696	2.09	NR	
10	A1254-19/20	2161	68.309	7.14081	2.09	NR	
11	A1254-20	2689	64.756	6.76937	2.09	NR	
12	A1260	610	10.091	1.05492	2.09	NR	
13	A1260-20	122	3.057	0.31953	2.09	NR	
14	A1260-23/24	610	11.548	1.20719	2.09	NR	
15	A1262	610				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-16
Matrix:	Sediment	Client ID:	P2SD-47A-01
Sample wt(Dry)/vol:	4.8570 g	Lab Sample ID:	AL20851
Percent Moisture:	53.8	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-86

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

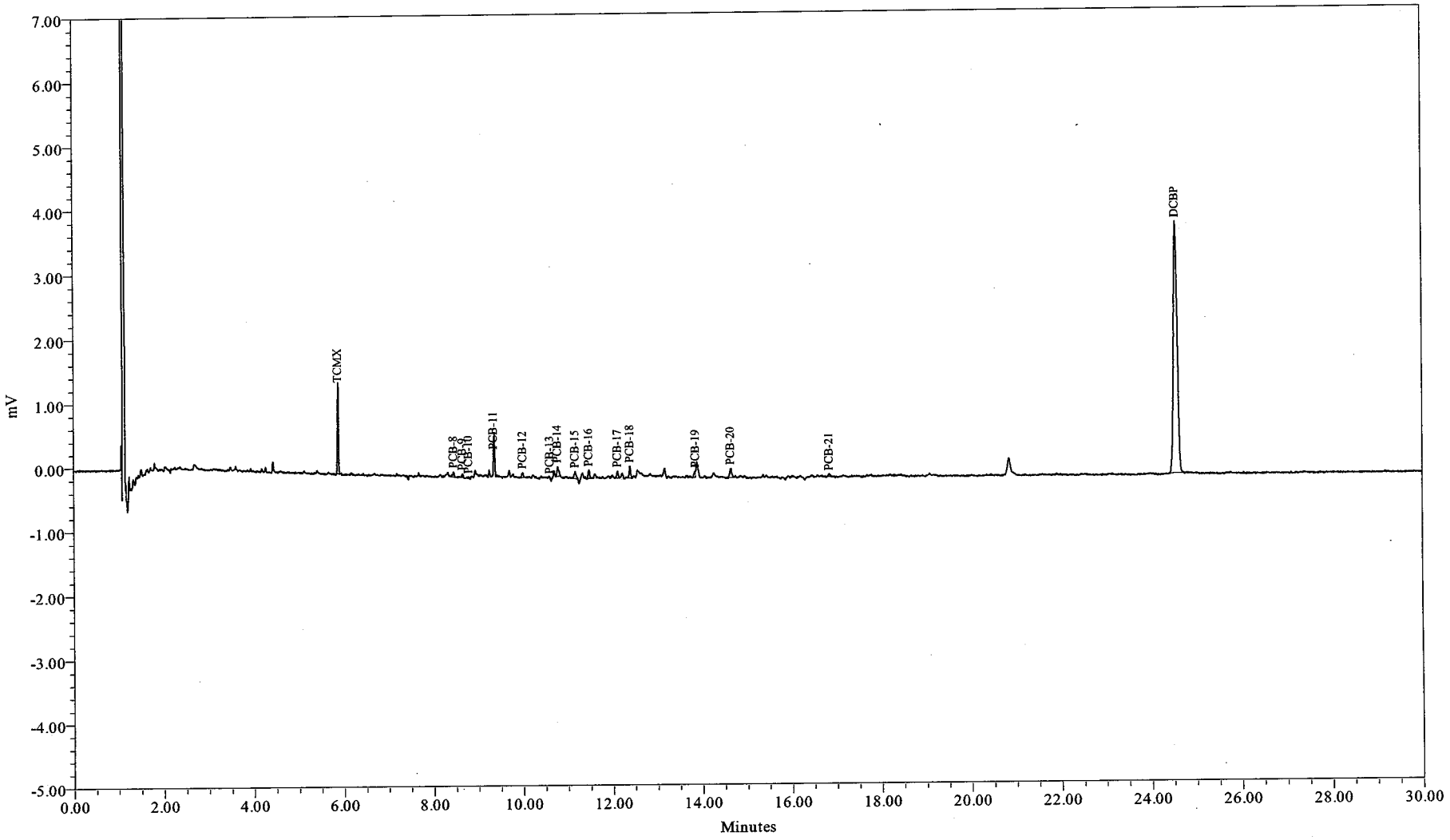
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.103	U
1	11104-28-2	Aroclor 1221	0.103	U
1	11141-16-5	Aroclor 1232	0.103	U
1	53469-21-9	Aroclor 1242	0.103	U
1	12672-29-6	Aroclor 1248	0.103	U
1	11097-69-1	Aroclor 1254	0.145	AF
1	11096-82-5	Aroclor 1260	0.103	U

Laboratory Qualifiers:
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20851	Sample Amount (g) :	4.8570
Sample ID:	P2SD-47A-01	Dilution:	25
Date Acquired:	12/28/2008 08:48:10 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-86

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com

Sample Name:	AL20851	Sample Amount (g) :	4.8570
Sample ID:	P2SD-47A-01	Dilution:	25
Date Acquired:	12/28/2008 08:48:10 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:56:26 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:20:08 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-86

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	2208	9.611	96.1	
2	PCB-8	8.46	bb	190			
3	PCB-9	8.66	bb	113			
4	PCB-10	8.80	bb	45			
5	PCB-11	9.35	bv	132			
6	PCB-12	10.01	bb	221			
7	PCB-13	10.61	bb	17			
8	PCB-14	10.78	bb	450			
9	PCB-15	11.18	bb	302			
10	PCB-16	11.48	bb	290			
11	PCB-17	12.12	bb	238			
12	PCB-18	12.40	bb	451			
13	PCB-19	13.86	bv	168			
14	PCB-20	14.65	bb	408			
15	PCB-21	16.85	bb	137			
16	DCBP	24.56	bb	22726	108.940		109

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	348	4.942	0.02544	0.103	NR	
2	A1232	348	15.539	0.07998	0.103	NR	
3	A1232-8/9	45	8.673	0.04464	0.103	NR	
4	A1242	348	8.673	0.04464	0.103	NR	
5	A1248	1124	31.712	0.16323	0.103	NR	
6	A1248-11/15	689	29.860	0.15370	0.103	NR	
7	A1248-14/15	371	19.092	0.09827	0.103	NR	
8	A1254	1555	28.233	0.14532	0.103	X	AF

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
9	A1254-17/18	866	27.179	0.13989	0.103	NR	
10	A1254-19/20	979	29.489	0.15179	0.103	NR	
11	A1254-20	1148	26.064	0.13416	0.103	NR	
12	A1260	545	8.931	0.04597	0.103	NR	
13	A1260-20	137	3.435	0.01768	0.103	NR	
14	A1260-23/24	545	10.146	0.05222	0.103	NR	
15	A1262	545				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-17
Matrix:	Soil	Client ID:	P2SL-48A-01
Sample wt(Dry)/vol:	5.0936 g	Lab Sample ID:	AL20852
Percent Moisture:	52.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-87

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

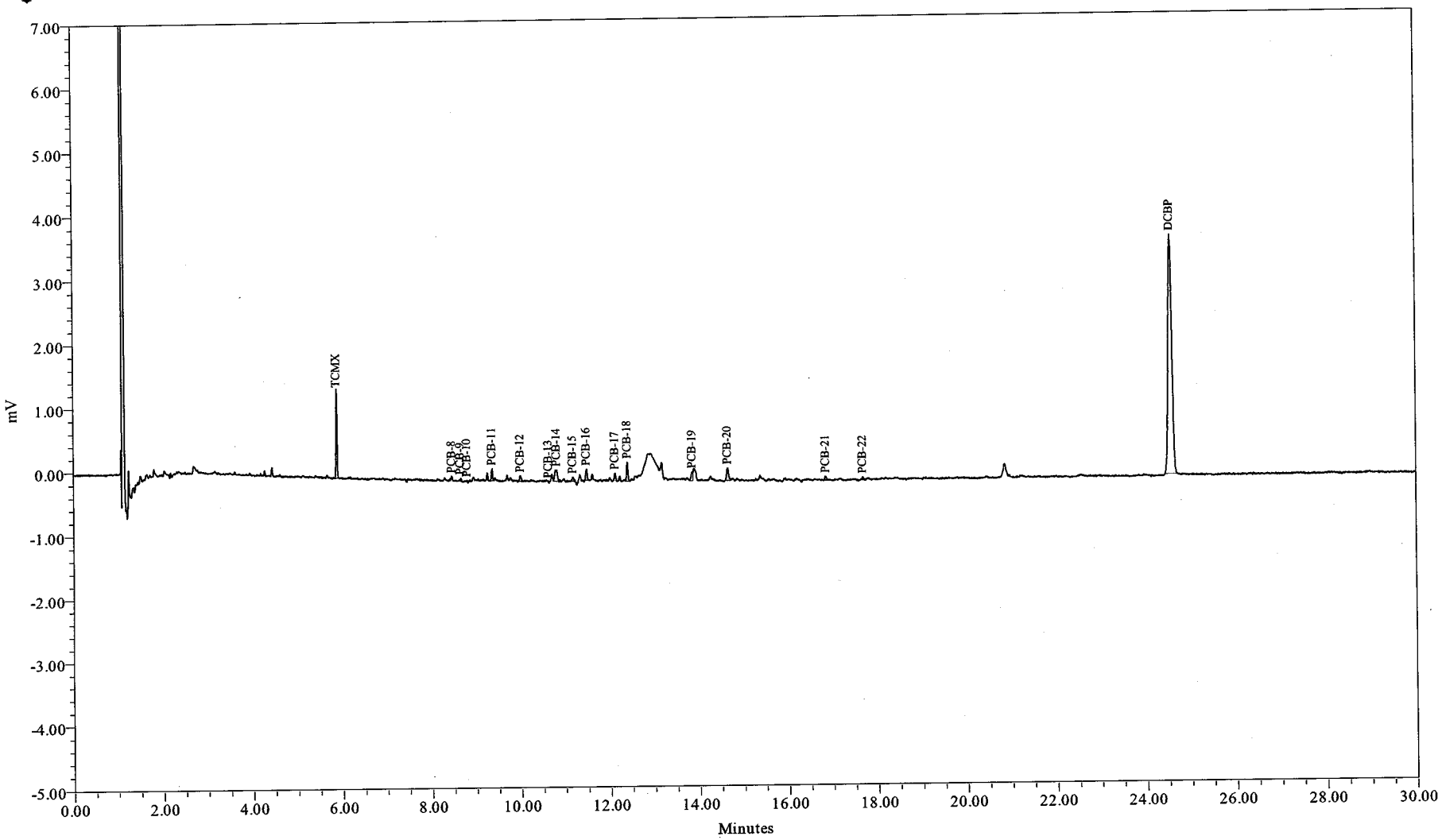
Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0982	U
1	11104-28-2	Aroclor 1221	0.0982	U
1	11141-16-5	Aroclor 1232	0.0982	U
1	53469-21-9	Aroclor 1242	0.0982	U
1	12672-29-6	Aroclor 1248	0.0982	U
1	11097-69-1	Aroclor 1254	0.207	AF
1	11096-82-5	Aroclor 1260	0.0982	U

Laboratory Qualifiers:
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com



Sample Name:	AL20852	Sample Amount (g) :	5.0940
Sample ID:	P2SL-48A-01	Dilution:	25
Date Acquired:	12/28/2008 09:20:47 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-87

Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
www.nealab.com

Sample Name:	AL20852	Sample Amount (g) :	5.0940
Sample ID:	P2SL-48A-01	Dilution:	25
Date Acquired:	12/28/2008 09:20:47 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:55:17 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:20:24 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-87

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	2167	9.425	94.2	
2	PCB-8	8.46	bb	175			
3	PCB-9	8.66	bb	76			
4	PCB-10	8.80	bb	10			
5	PCB-11	9.37	bb	396			
6	PCB-12	10.00	bb	231			
7	PCB-13	10.63	bb	15			
8	PCB-14	10.82	bb	747			
9	PCB-15	11.18	bb	168			
10	PCB-16	11.48	bb	389			
11	PCB-17	12.12	bv	330			
12	PCB-18	12.40	vb	672			
13	PCB-19	13.85	bv	310			
14	PCB-20	14.65	bb	575			
15	PCB-21	16.85	bb	144			
16	PCB-22	17.68	bb	102			
17	DCBP	24.56	bb	21645	103.639		104

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	261	2.927	0.01437	0.0982	NR	
2	A1232	261	11.487	0.05638	0.0982	NR	
3	A1232-8/9	10	5.093	0.02500	0.0982	NR	
4	A1242	261	6.300	0.03092	0.0982	NR	
5	A1248	1558	43.917	0.21553	0.0982	NR	
6	A1248-11/15	994	43.043	0.21124	0.0982	NR	
7	A1248-14/15	643	35.371	0.17359	0.0982	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
8	A1254	2276	42.127	0.20675	0.0982	X	AF
9	A1254-17/18	1274	40.468	0.19861	0.0982	NR	
10	A1254-19/20	1391	43.018	0.21112	0.0982	NR	
11	A1254-20	1701	39.965	0.19614	0.0982	NR	
12	A1260	821	13.885	0.06814	0.0982	NR	
13	A1260-20	246	6.173	0.03030	0.0982	NR	
14	A1260-23/24	821	16.133	0.07918	0.0982	NR	
15	A1262	821				NR	

Analytical Sequence

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 08120166

ELAP ID No: 11078

Instrument ID: GC20F Init. Calib. Date(s): 12/01/2008,12/02/2008

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.88 DCBP RT: 24.55

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
01	A1016 20 PPB	120116A	GC20F-308-3	12/01/2008 12:48:11		
02	A1016 100 PPB	120116B	GC20F-308-4	12/01/2008 13:20:48		
03	A1016 250 PPB	120116C	GC20F-308-5	12/01/2008 13:53:26		
04	A1016 500 PPB	120116D	GC20F-308-6	12/01/2008 14:26:03		
05	A1016 1000 PPB	120116E	GC20F-308-7	12/01/2008 14:58:41		
06	A1221 20 PPB	120121A	GC20F-308-8	12/01/2008 15:31:18		
07	A1221 100 PPB	120121B	GC20F-308-9	12/01/2008 16:03:54		
08	A1221 250 PPB	120121C	GC20F-308-10	12/01/2008 16:36:30		
09	A1221 500 PPB	120121D	GC20F-308-11	12/01/2008 17:09:07		
10	A1221 1000 PPB	120121E	GC20F-308-12	12/01/2008 17:41:43		
11	A1232 20 PPB	120132A	GC20F-308-13	12/01/2008 18:14:19		
12	A1232 100 PPB	120132B	GC20F-308-14	12/01/2008 18:46:55		
13	A1232 250 PPB	120132C	GC20F-308-15	12/01/2008 19:19:32		
14	A1232 500 PPB	120132D	GC20F-308-16	12/01/2008 19:52:09		
15	A1232 1000 PPB	120132E	GC20F-308-17	12/01/2008 20:24:47		
16	A1242 20 PPB	120142A	GC20F-308-18	12/01/2008 20:57:24		
17	A1242 100 PPB	120142B	GC20F-308-19	12/01/2008 21:30:00		
18	A1242 250 PPB	120142C	GC20F-308-20	12/01/2008 22:02:36		
19	A1242 500 PPB	120142D	GC20F-308-21	12/01/2008 22:35:12		
20	A1242 1000 PPB	120142E	GC20F-308-22	12/01/2008 23:07:49		
21	A1248 20 PPB	120148A	GC20F-308-23	12/01/2008 23:40:25		
22	A1248 100 PPB	120148B	GC20F-308-24	12/02/2008 00:13:01		
23	A1248 250 PPB	120148C	GC20F-308-25	12/02/2008 00:45:38		
24	A1248 500 PPB	120148D	GC20F-308-26	12/02/2008 01:18:15		
25	A1248 1000 PPB	120148E	GC20F-308-27	12/02/2008 01:50:52		
26	A1254 20 PPB	120154A	GC20F-308-28	12/02/2008 02:23:28	5.88	24.54
27	A1254 100 PPB	120154B	GC20F-308-29	12/02/2008 02:56:05	5.88	24.55
28	A1254 250 PPB	120154C	GC20F-308-30	12/02/2008 03:28:40	5.88	24.55
29	A1254 500 PPB	120154D	GC20F-308-31	12/02/2008 04:01:17	5.88	24.54
30	A1254 1000 PPB	120154E	GC20F-308-32	12/02/2008 04:33:53	5.88	24.55
31	A1260 20 PPB	120160A	GC20F-308-33	12/02/2008 05:06:29		
32	A1260 100 PPB	120160B	GC20F-308-34	12/02/2008 05:39:05		
33	A1260 250 PPB	120160C	GC20F-308-35	12/02/2008 06:11:41		
34	A1260 500 PPB	120160D	GC20F-308-36	12/02/2008 06:44:18		
35	A1260 1000 PPB	120160E	GC20F-308-37	12/02/2008 07:16:54		
36	A1016 500 PPB	CS161201A	GC20F-308-39	12/02/2008 08:22:06	5.88	24.53
37	A1221 500 PPB	CS211201A	GC20F-308-40	12/02/2008 08:54:42	5.88	24.54
38	A1232 500 PPB	CS321201A	GC20F-308-41	12/02/2008 09:27:18	5.88	24.54

FORM VIII-CLP-PCB(NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 08120166

ELAP ID No: 11078

Instrument ID: GC20F Init. Calib. Date(s): 12/01/2008,12/02/2008

GC Column (1): J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.88 DCBP RT: 24.55

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
39	A1242 500 PPB	CS421201A	GC20F-308-42	12/02/2008 09:59:53	5.88	24.54
40	A1248 500 PPB	CS481201A	GC20F-308-43	12/02/2008 10:32:29	5.88	24.54
41	A1254 500 PPB	CS541201A	GC20F-308-44	12/02/2008 11:05:06	5.88	24.53
42	A1260 500 PPB	CS601201A	GC20F-308-45	12/02/2008 11:37:42	5.88	24.54
43	A1254 500 PPB	CS541226B	GC20F-326-62	12/27/2008 19:45:37	5.89	24.55
44	METHOD BLANK	AL20839B	GC20F-326-63	12/27/2008 20:18:13	5.88	24.55
45	LAB CONTROL SPIKE	AL20839L	GC20F-326-64	12/27/2008 20:50:49	5.88	24.55
46	P2SD-37A-01	AL20836	GC20F-326-65	12/27/2008 21:23:25	5.88(D)	24.54(D)
47	P2SD-38A-01	AL20837	GC20F-326-66	12/27/2008 21:56:02	5.88	24.55
48	P2SL-40A-01	AL20838	GC20F-326-67	12/27/2008 22:28:38	5.88(D)	24.56(D)
49	P2SL-40B-01	AL20839	GC20F-326-68	12/27/2008 23:01:15	5.88(D)	24.55(D)
50	P2SL-40B-01 MS	AL20839M	GC20F-326-69	12/27/2008 23:33:51	5.88(D)	24.55(D)
51	P2SL-40B-01 MSD	AL20839K	GC20F-326-70	12/28/2008 00:06:28	5.88(D)	24.56(D)
52	P2SL-40B-03	AL20840	GC20F-326-71	12/28/2008 00:39:04	5.88(D)	24.55(D)
53	A1260 500 PPB	CS601226B	GC20F-326-72	12/28/2008 01:11:40	5.88	24.55
54	P2SD-41A-01	AL20841	GC20F-326-73	12/28/2008 01:44:16	5.88	24.55
55	P2SL-42A-01	AL20842	GC20F-326-74	12/28/2008 02:16:52	5.88	24.55
56	P2SD-43A-01	AL20843	GC20F-326-75	12/28/2008 02:49:29	5.89	24.55
57	P2SD-43B-01	AL20844	GC20F-326-76	12/28/2008 03:22:05	5.88	24.56
58	P2SD-43B-01 MS	AL20844M	GC20F-326-77	12/28/2008 03:54:42	5.88(D)	24.55(D)
59	P2SD-43B-01 MSD	AL20844K	GC20F-326-78	12/28/2008 04:27:18	5.89(D)	24.56(D)
60	P2SD-43B-03	AL20845	GC20F-326-79	12/28/2008 04:59:55	5.88	24.56
61	P2SL-44A-01	AL20846	GC20F-326-80	12/28/2008 05:32:32	5.88	24.55
62	P2SL-44B-01	AL20847	GC20F-326-81	12/28/2008 06:05:08	5.89	24.56
63	A1016 500 PPB	CS161226C	GC20F-326-82	12/28/2008 06:37:44	5.89	24.56
64	P2SD-45A-01	AL20848	GC20F-326-83	12/28/2008 07:10:21	5.89(D)	24.54(D)
65	P2SD-45B-01	AL20849	GC20F-326-84	12/28/2008 07:42:57	5.89	24.56
66	P2SL-46A-01	AL20850	GC20F-326-85	12/28/2008 08:15:34	5.89(D)	24.56(D)
67	P2SD-47A-01	AL20851	GC20F-326-86	12/28/2008 08:48:10	5.88	24.56
68	P2SL-48A-01	AL20852	GC20F-326-87	12/28/2008 09:20:47	5.88	24.56
69	A1221 500 PPB	CS211226C	GC20F-326-88	12/28/2008 09:53:23	5.89	24.56

FORM VIII-CLP-PCB(NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

Initial Calibration Data

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC20F
GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

SDG NO: 08120166
Date(s) Analyzed: 12/01/2008,12/02/2008

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC20F-308-3	120116A	20.0	45.771		
	GC20F-308-4	120116B	100	46.550		
	GC20F-308-5	120116C	250	45.849		
	GC20F-308-6	120116D	500	44.233		
	GC20F-308-7	120116E	1000	42.105	44.902	4.0
Aroclor 1221	GC20F-308-8	120121A	20.0	12.445		
	GC20F-308-9	120121B	100	11.152		
	GC20F-308-10	120121C	250	11.061		
	GC20F-308-11	120121D	500	11.810		
	GC20F-308-12	120121E	1000	11.364	11.567	4.9
Aroclor 1232	GC20F-308-13	120132A	20.0	22.706		
	GC20F-308-14	120132B	100	21.339		
	GC20F-308-15	120132C	250	20.910		
	GC20F-308-16	120132D	500	21.729		
	GC20F-308-17	120132E	1000	21.461	21.629	3.1
Aroclor 1242	GC20F-308-18	120142A	20.0	36.277		
	GC20F-308-19	120142B	100	37.395		
	GC20F-308-20	120142C	250	38.222		
	GC20F-308-21	120142D	500	37.085		
	GC20F-308-22	120142E	1000	36.000	36.996	2.4
Aroclor 1248	GC20F-308-23	120148A	20.0	34.092		
	GC20F-308-24	120148B	100	35.694		
	GC20F-308-25	120148C	250	36.270		
	GC20F-308-26	120148D	500	36.714		
	GC20F-308-27	120148E	1000	34.852	35.524	3.0
Aroclor 1254	GC20F-308-28	120154A	20.0	53.444		
	GC20F-308-29	120154B	100	53.085		
	GC20F-308-30	120154C	250	55.044		
	GC20F-308-31	120154D	500	53.189		
	GC20F-308-32	120154E	1000	50.766	53.106	2.9
Aroclor 1260	GC20F-308-33	120160A	20.0	54.650		
	GC20F-308-34	120160B	100	59.133		
	GC20F-308-35	120160C	250	56.492		
	GC20F-308-36	120160D	500	56.408		
	GC20F-308-37	120160E	1000	55.100	56.357	3.1
TCMX	GC20F-308-28	120154A	2.00	248.179		
	GC20F-308-29	120154B	5.00	246.504		
	GC20F-308-30	120154C	8.00	234.876		
	GC20F-308-31	120154D	10.0	229.117		
	GC20F-308-32	120154E	20.0	223.092	236.354	4.6

FORM VI-CLP-PCB(NEA)

Print Date:01/08/2009
Nea Lims Version : 4.4.2.2

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
ELAP ID No: 11078
Instrument ID: GC20F
GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

SDG NO: 08120166
Date(s) Analyzed: 12/01/2008,12/02/2008

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
DCBP	GC20F-308-28	120154A	20.0	219.056		
	GC20F-308-29	120154B	50.0	225.367		
	GC20F-308-30	120154C	80.0	210.718		
	GC20F-308-31	120154D	100	209.012		
	GC20F-308-32	120154E	200	204.493	213.729	3.9

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component
Summary Table
Component Summary For RF

	Sample Name	A1016
1	120116A	45.7711
2	120116B	46.5501
3	120116C	45.8486
4	120116D	44.2334
5	120116E	42.1048
Mean		44.902
Std. Dev.		1.778
% RSD		3.96

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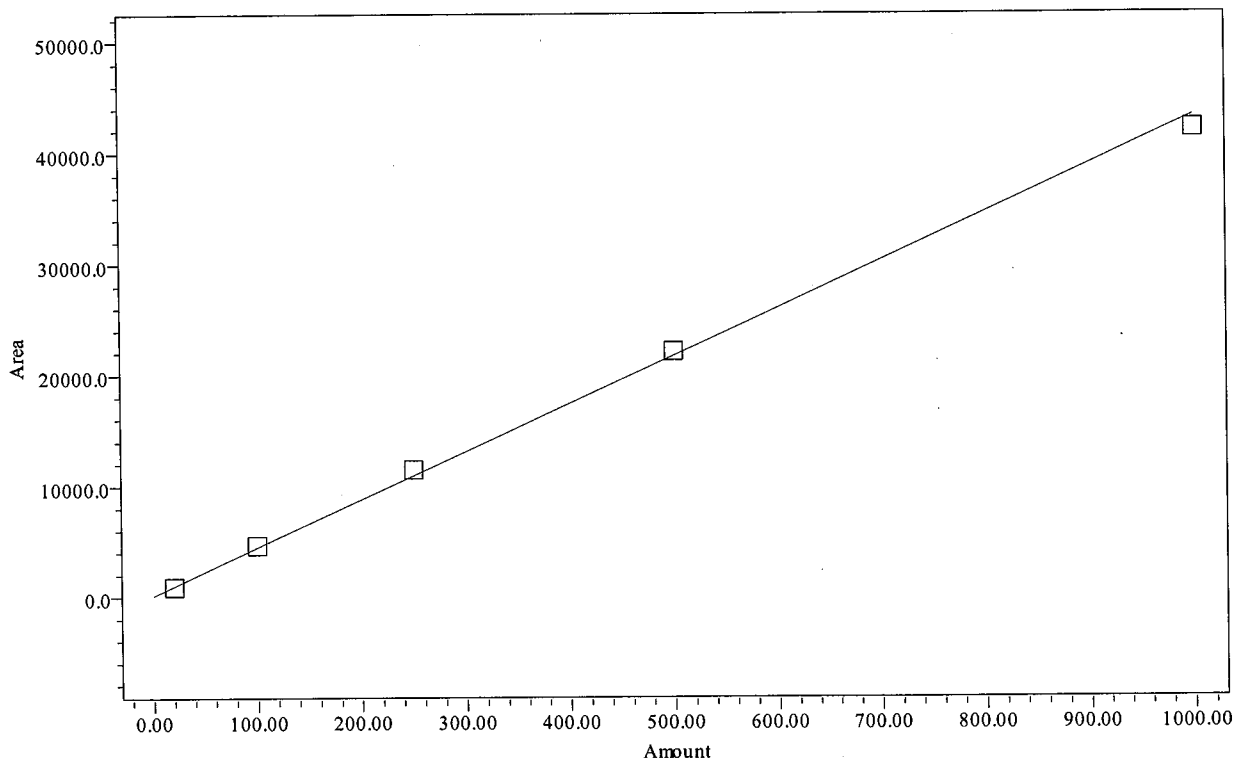
Name:	A1016	Coefficient constant A:	135.202969
System Name:	Instrument_20_Ch01	Coefficient first Order B:	43.089900
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999345
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998691

Calibration Curve



Point Table
Peak: A1016

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1016	20.00	915	18.1	-9.466	No	No
2	A1016	100.00	4655	104.9	4.893	No	No
3	A1016	250.00	11462	262.9	5.147	No	No
4	A1016	500.00	22117	510.1	2.026	No	No
5	A1016	1000.00	42105	974.0	-2.600	No	No

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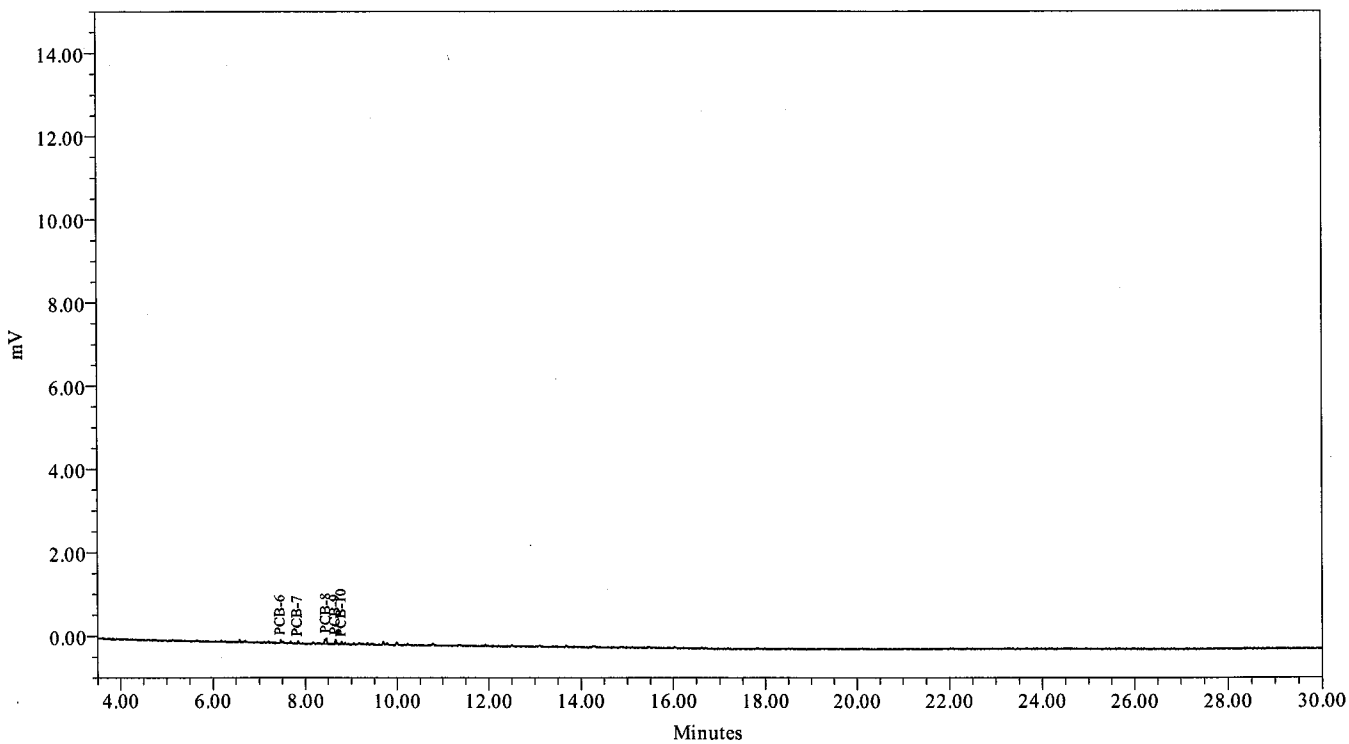
Sample Name:	120116A	Sample Amount:	1
Sample ID:	A1016 20 PPB	Dilution:	1
Date Acquired:	12/01/2008 12:48:11 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:52:49 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:37:10 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-3

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.469	bb	104
2	PCB-7	7.838	bb	110
3	PCB-8	8.458	bb	390
4	PCB-9	8.662	bb	214
5	PCB-10	8.800	bb	97

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	915	20.000
2	A1232	812	
3	A1232-8/9	207	
4	A1242	915	



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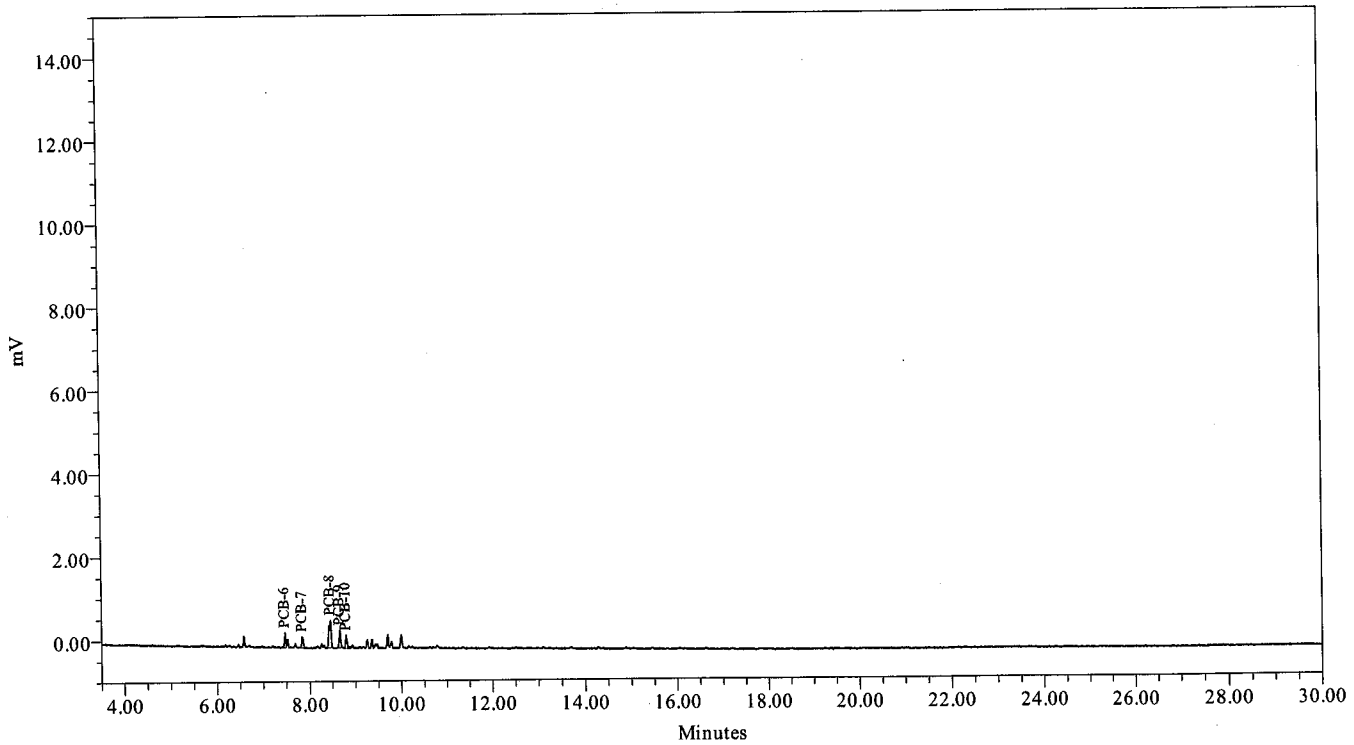
Sample Name:	120116B	Sample Amount:	1
Sample ID:	A1016 100 PPB	Dilution:	1
Date Acquired:	12/01/2008 13:20:48 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:50:35 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:37:26 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-4

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.473	bV	603
2	PCB-7	7.847	bb	615
3	PCB-8	8.460	bb	2014
4	PCB-9	8.665	bb	848
5	PCB-10	8.802	bb	576

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	4655	100.000
2	A1232	4052	
3	A1232-8/9	1190	
4	A1242	4655	



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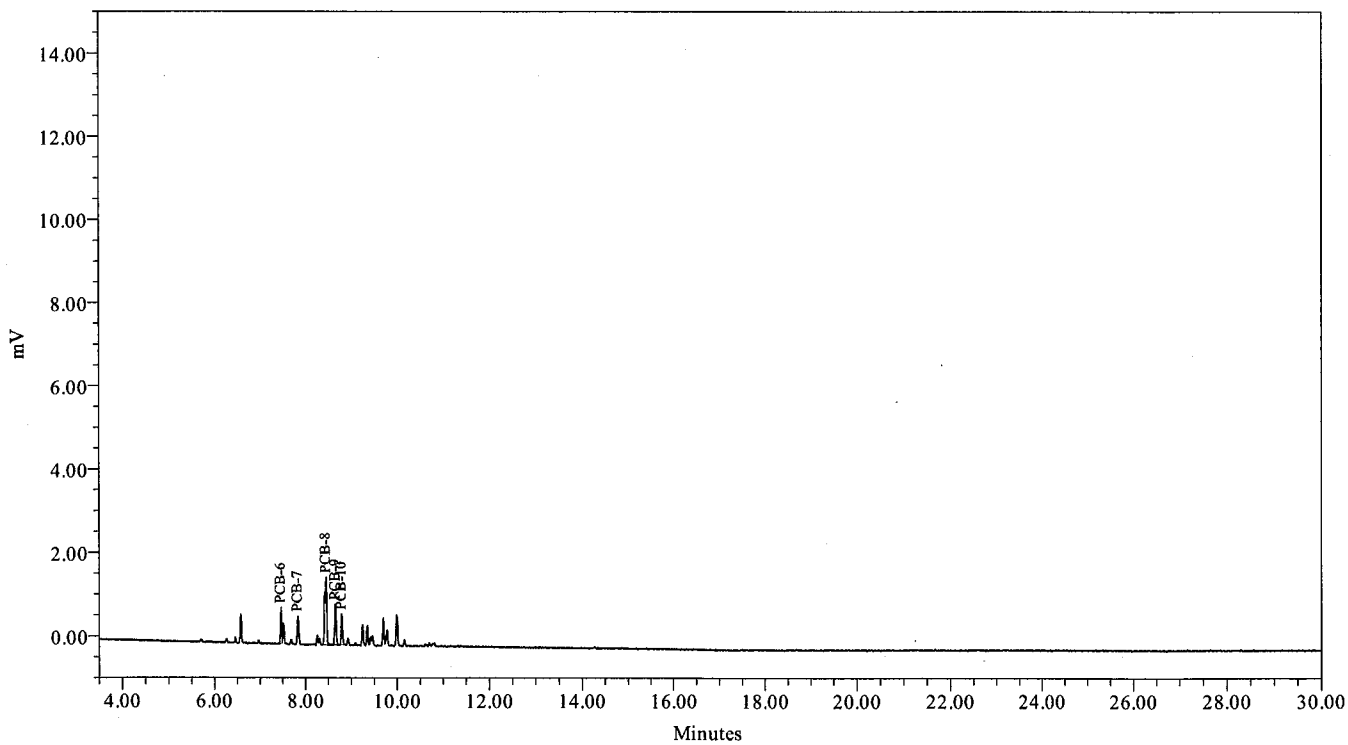
Sample Name:	120116C	Sample Amount:	1
Sample ID:	A1016 250 PPB	Dilution:	1
Date Acquired:	12/01/2008 13:53:26 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:50:49 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:37:30 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-5

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.469	bV	1454
2	PCB-7	7.841	bb	1480
3	PCB-8	8.456	bB	5107
4	PCB-9	8.660	BB	2060
5	PCB-10	8.797	Bb	1361

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	11462	250.000
2	A1232	10008	
3	A1232-8/9	2840	
4	A1242	11462	



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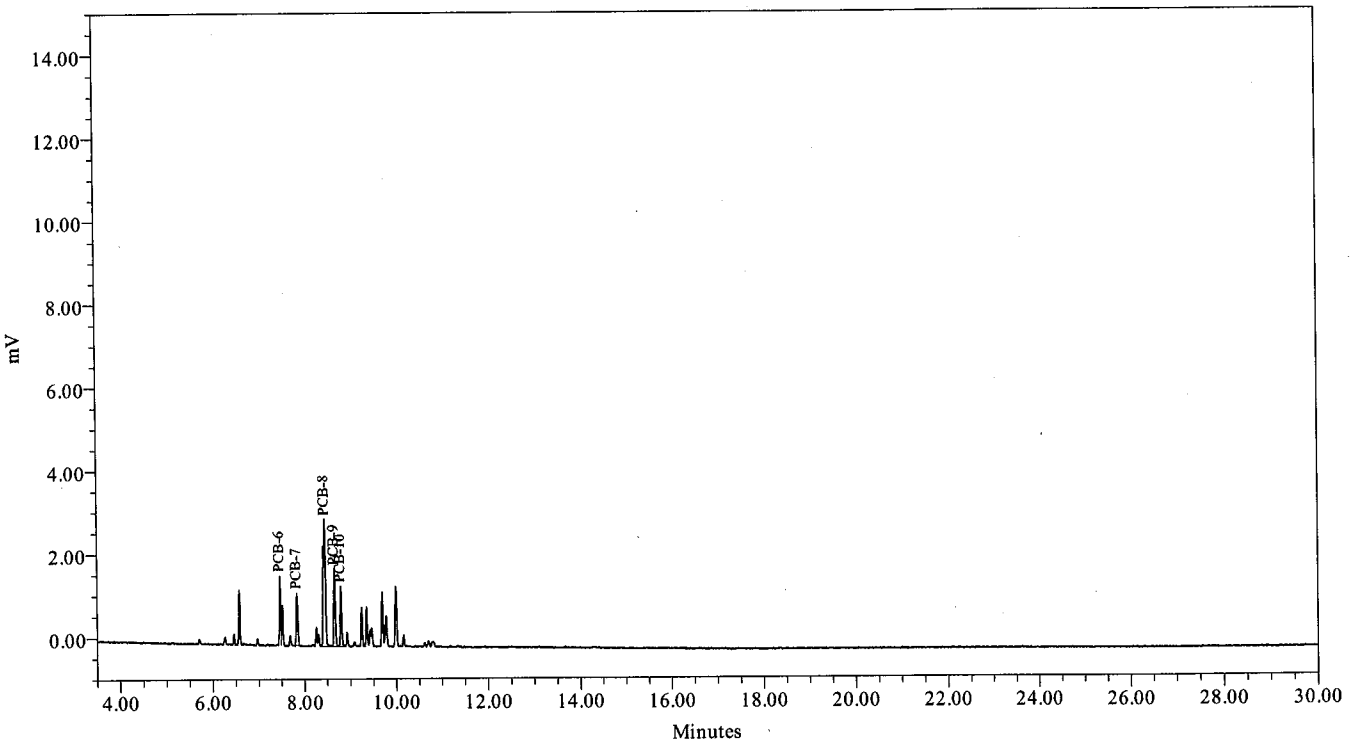
Sample Name:	120116D	Sample Amount:	1
Sample ID:	A1016 500 PPB	Dilution:	1
Date Acquired:	12/01/2008 14:26:03 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:51:37 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:37:46 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-6

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.471	bV	2845
2	PCB-7	7.843	bb	2844
3	PCB-8	8.457	bV	9769
4	PCB-9	8.662	VV	3939
5	PCB-10	8.800	VB	2720

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	22117	500.000
2	A1232	19271	
3	A1232-8/9	5563	
4	A1242	22117	



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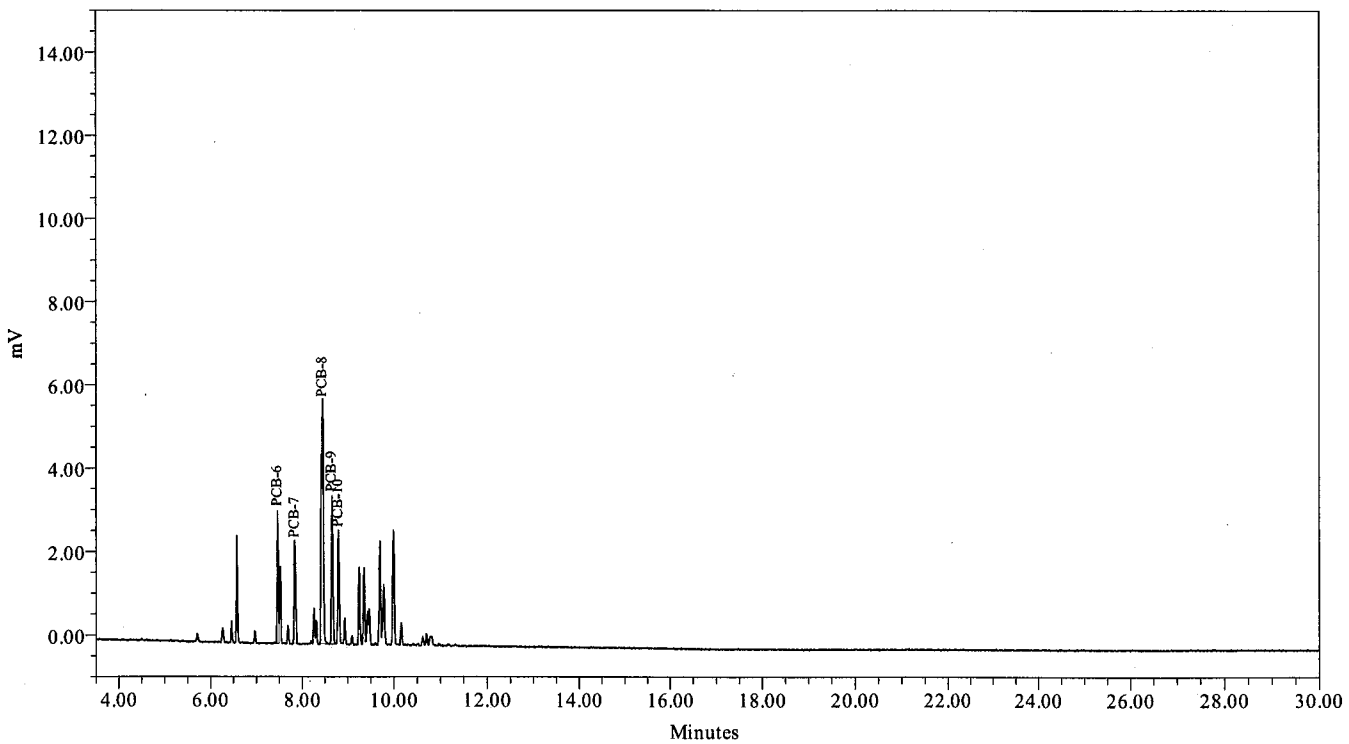
Sample Name:	120116E	Sample Amount:	1
Sample ID:	A1016 1000 PPB	Dilution:	1
Date Acquired:	12/01/2008 14:58:41 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:51:53 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:37:57 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-7

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.472	bV	5466
2	PCB-7	7.845	bb	5580
3	PCB-8	8.459	bB	18558
4	PCB-9	8.664	BB	7448
5	PCB-10	8.801	Bb	5053

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	42105	1000.000
2	A1232	36639	
3	A1232-8/9	10633	
4	A1242	42105	



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1221-2	A1221	A1221-5
1	120121A	11.5018	12.4451	6.1039
2	120121B	10.3211	11.1517	5.5611
3	120121C	10.5972	11.0608	5.4716
4	120121D	11.1174	11.8102	6.1101
5	120121E	10.6911	11.3645	5.7993
Mean		10.846	11.566	5.809
Std. Dev.		0.465	0.570	0.297
% RSD		4.29	4.93	5.11

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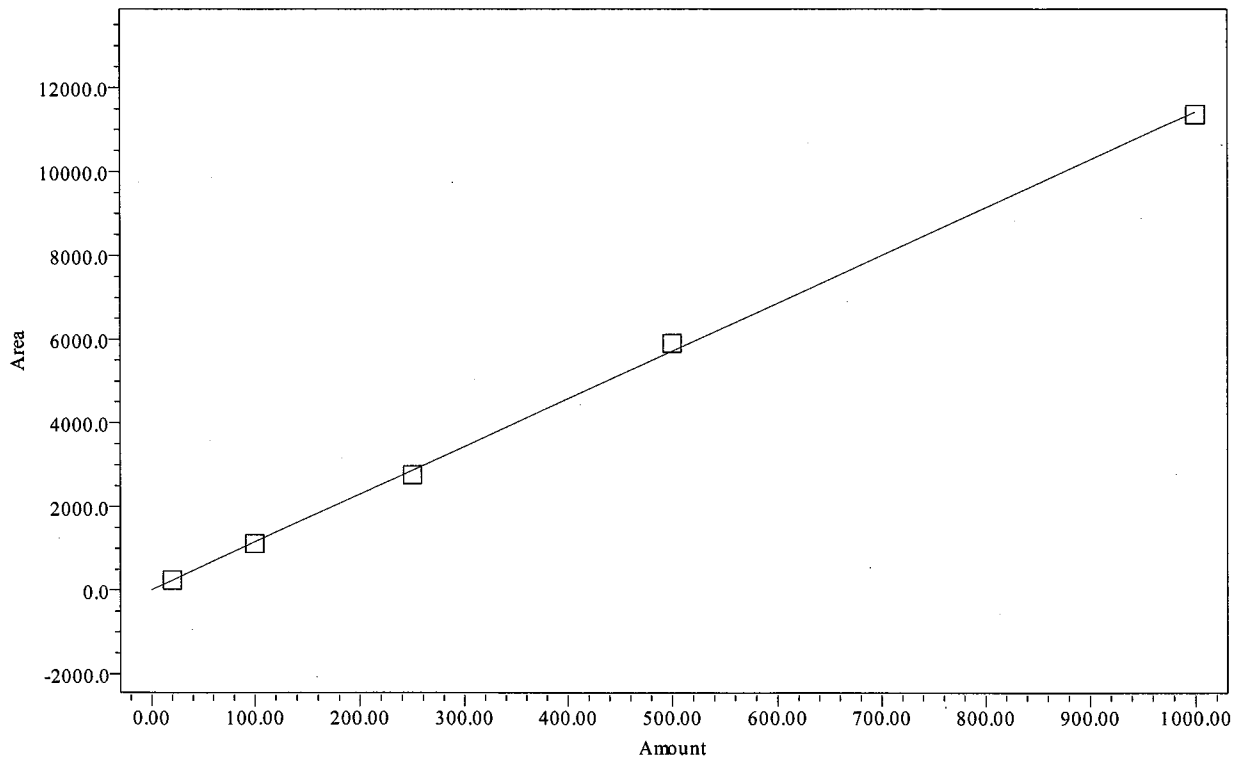
Name:	A1221	Coefficient constant A:	11.486807
System Name:	Instrument_20_Ch01	Coefficient first Order B:	11.412531
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999663
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999326

Calibration Curve



Point Table
Peak: A1221

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221	20.00	249	20.8	4.015	No	No
2	A1221	100.00	1115	96.7	-3.292	No	No
3	A1221	250.00	2765	241.3	-3.484	No	No
4	A1221	500.00	5905	516.4	3.283	No	No
5	A1221	1000.00	11365	994.8	-0.521	No	No

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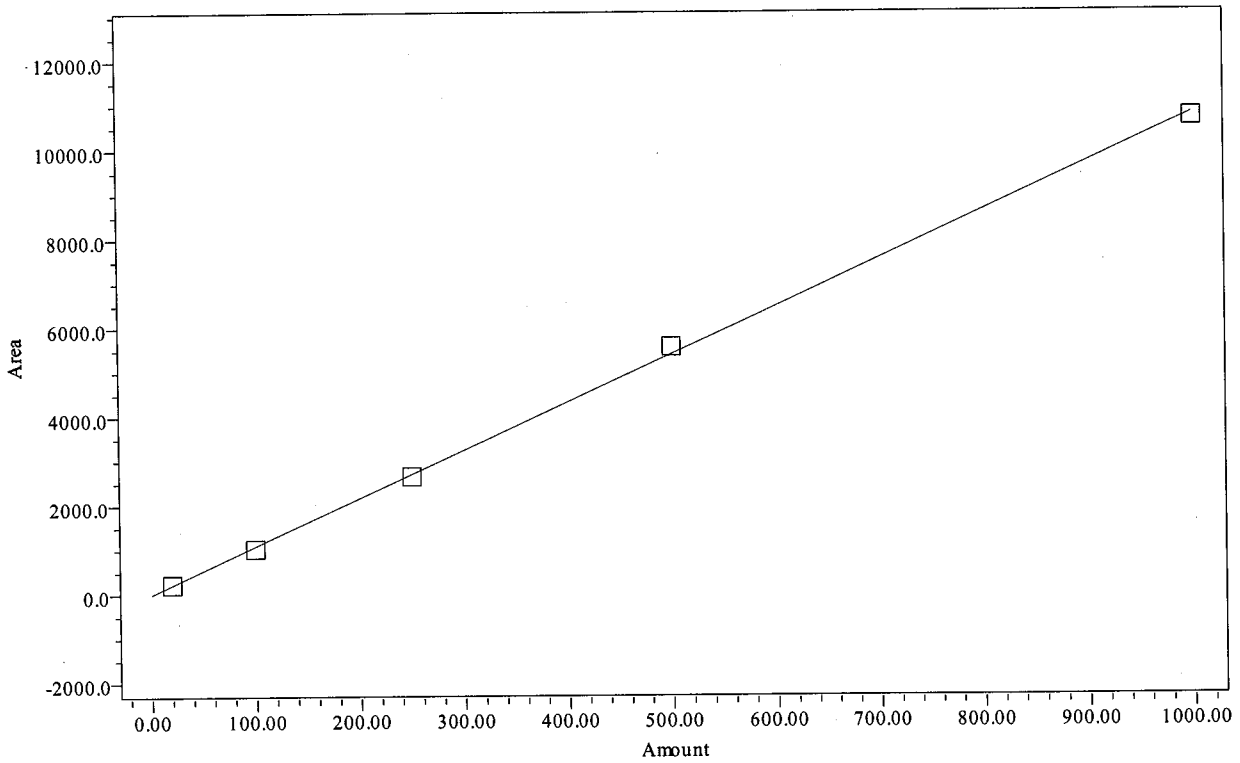
Name:	A1221-2	Coefficient constant A:	5.994719
System Name:	Instrument_20_Ch01	Coefficient first Order B:	10.765417
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999704
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999408

Calibration Curve



Point Table
Peak: A1221-2

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221-2	20.00	230	20.8	4.056	No	No
2	A1221-2	100.00	1032	95.3	-4.684	No	No
3	A1221-2	250.00	2649	245.5	-1.785	No	No
4	A1221-2	500.00	5559	515.8	3.159	No	No
5	A1221-2	1000.00	10691	992.5	-0.746	No	No

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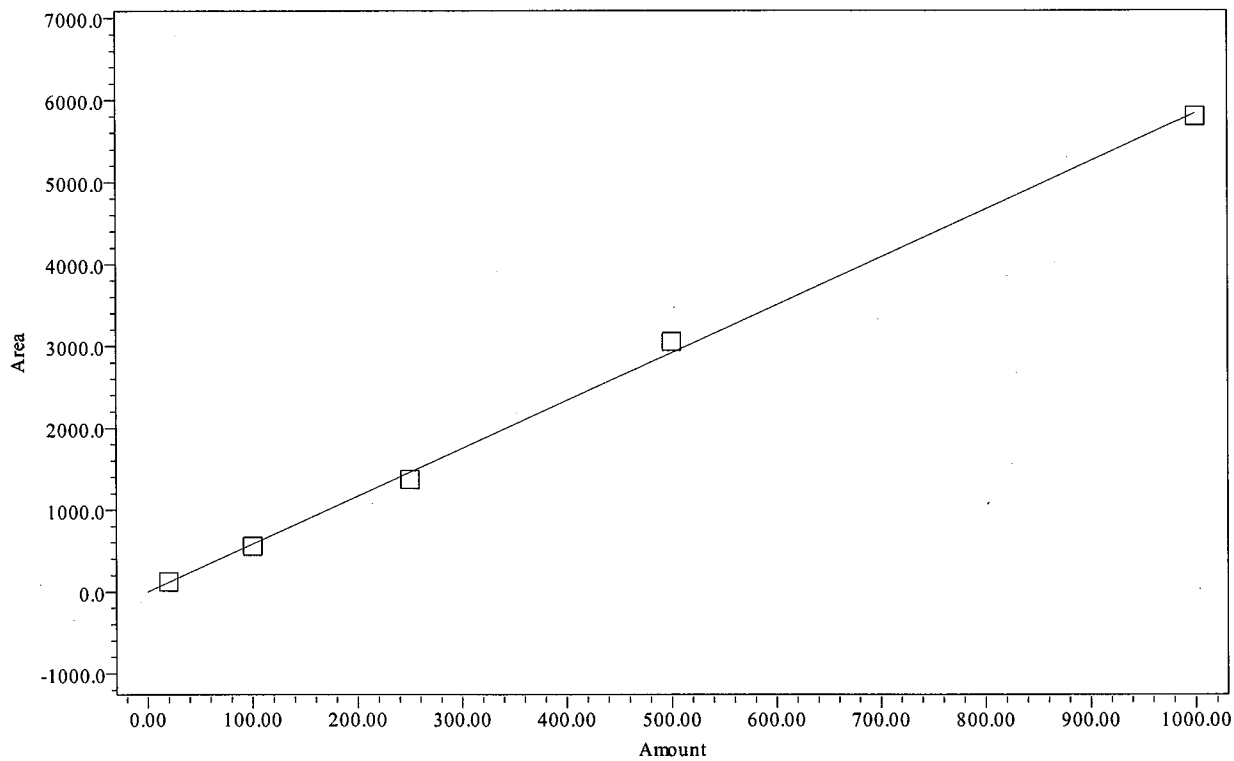
Name:	A1221-5	Coefficient constant A:	-1.858295
System Name:	Instrument_20_Ch01	Coefficient first Order B:	5.834101
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999208
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998416

Calibration Curve



Point Table
Peak: A1221-5

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1221-5	20.00	122	21.2	6.217	No	No
2	A1221-5	100.00	556	95.6	-4.361	No	No
3	A1221-5	250.00	1368	234.8	-6.086	No	No
4	A1221-5	500.00	3055	524.0	4.795	No	No
5	A1221-5	1000.00	5799	994.4	-0.564	No	No

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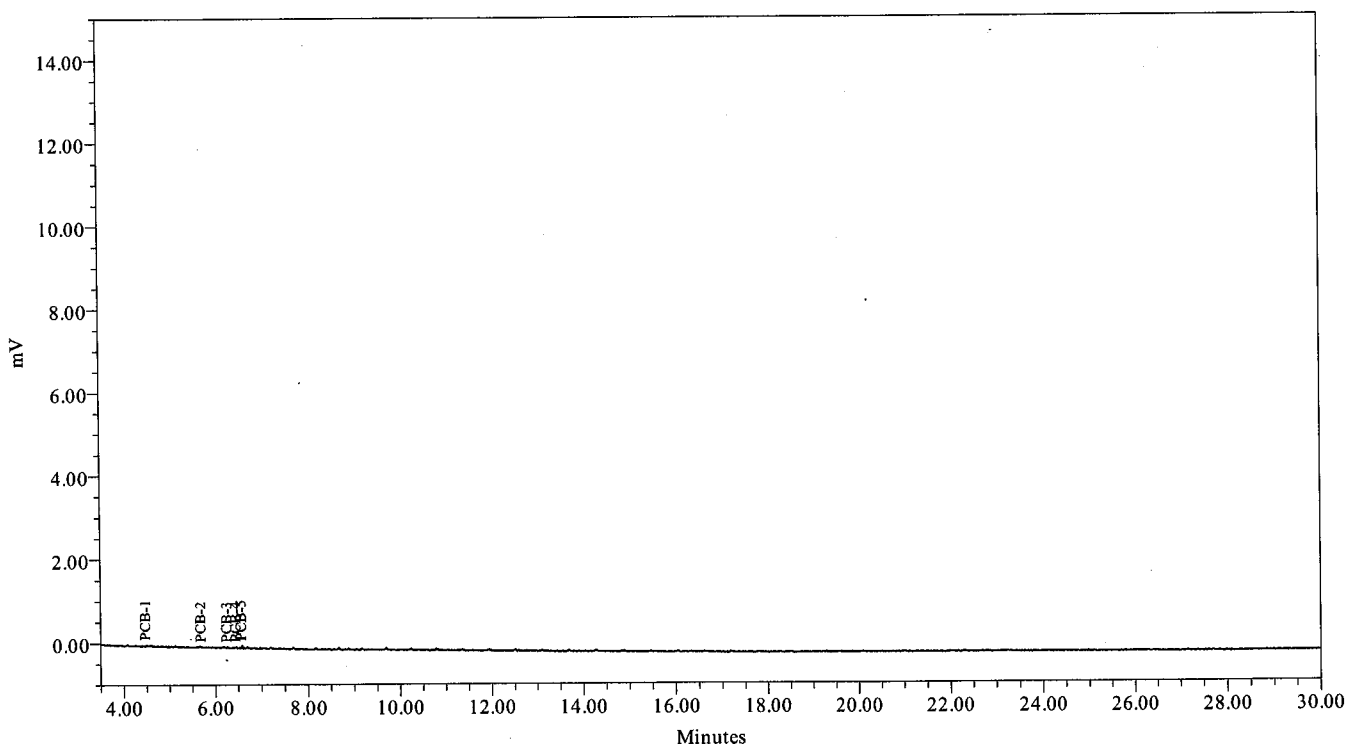
Sample Name:	120121A	Sample Amount:	1
Sample ID:	A1221 20 PPB	Dilution:	1
Date Acquired:	12/01/2008 15:31:18 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:42:46 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:38:09 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-8

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.498	vb	48
2	PCB-2	5.702	bb	19
3	PCB-3	6.267	vb	24
4	PCB-4	6.466	vb	31
5	PCB-5	6.582	bb	127

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	249	20.000
2	A1221-2	230	20.000
3	A1221-5	122	20.000
4	A1232	127	
5	A1232-8/9	127	



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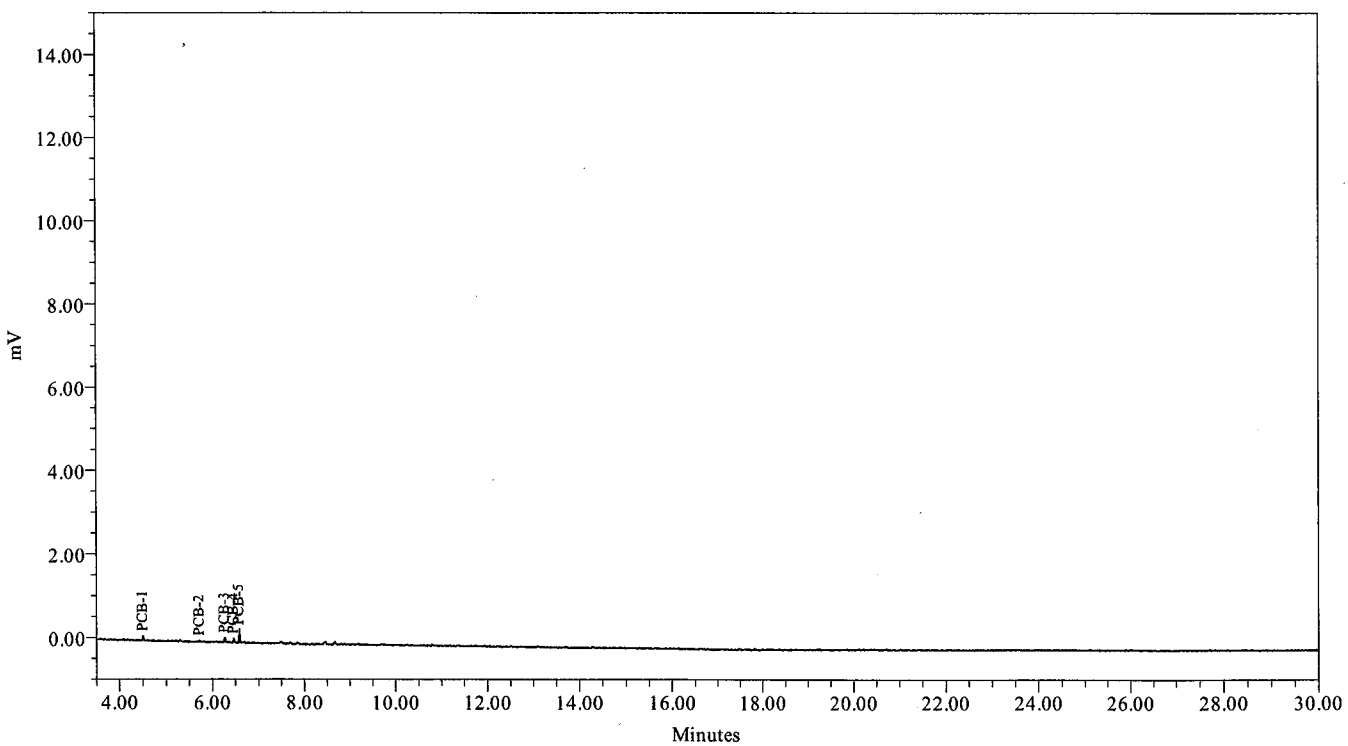
Sample Name:	120121B	Sample Amount:	1
Sample ID:	A1221 100 PPB	Dilution:	1
Date Acquired:	12/01/2008 16:03:54 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:43:01 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:38:18 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-9

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.507	bb	151
2	PCB-2	5.730	bb	83
3	PCB-3	6.273	bb	175
4	PCB-4	6.468	bb	147
5	PCB-5	6.588	bb	559

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	1115	100.000
2	A1221-2	1032	100.000
3	A1221-5	556	100.000
4	A1232	559	
5	A1232-8/9	559	



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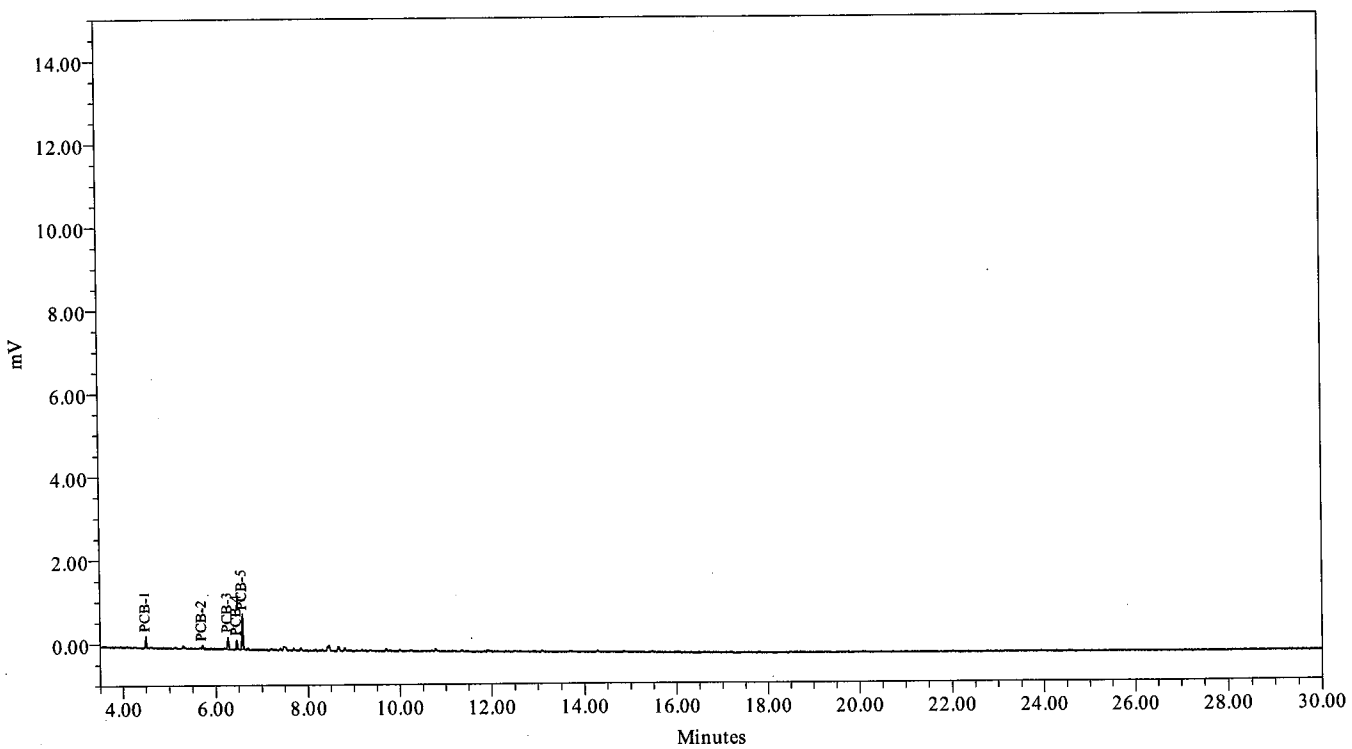
Sample Name:	120121C	Sample Amount:	1
Sample ID:	A1221 250 PPB	Dilution:	1
Date Acquired:	12/01/2008 16:36:30 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:41:18 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:38:35 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-10

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.506	bb	341
2	PCB-2	5.715	bb	116
3	PCB-3	6.271	bb	571
4	PCB-4	6.466	bb	340
5	PCB-5	6.586	bb	1397

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	2765	250.000
2	A1221-2	2649	250.000
3	A1221-5	1368	250.000
4	A1232	1397	
5	A1232-8/9	1397	



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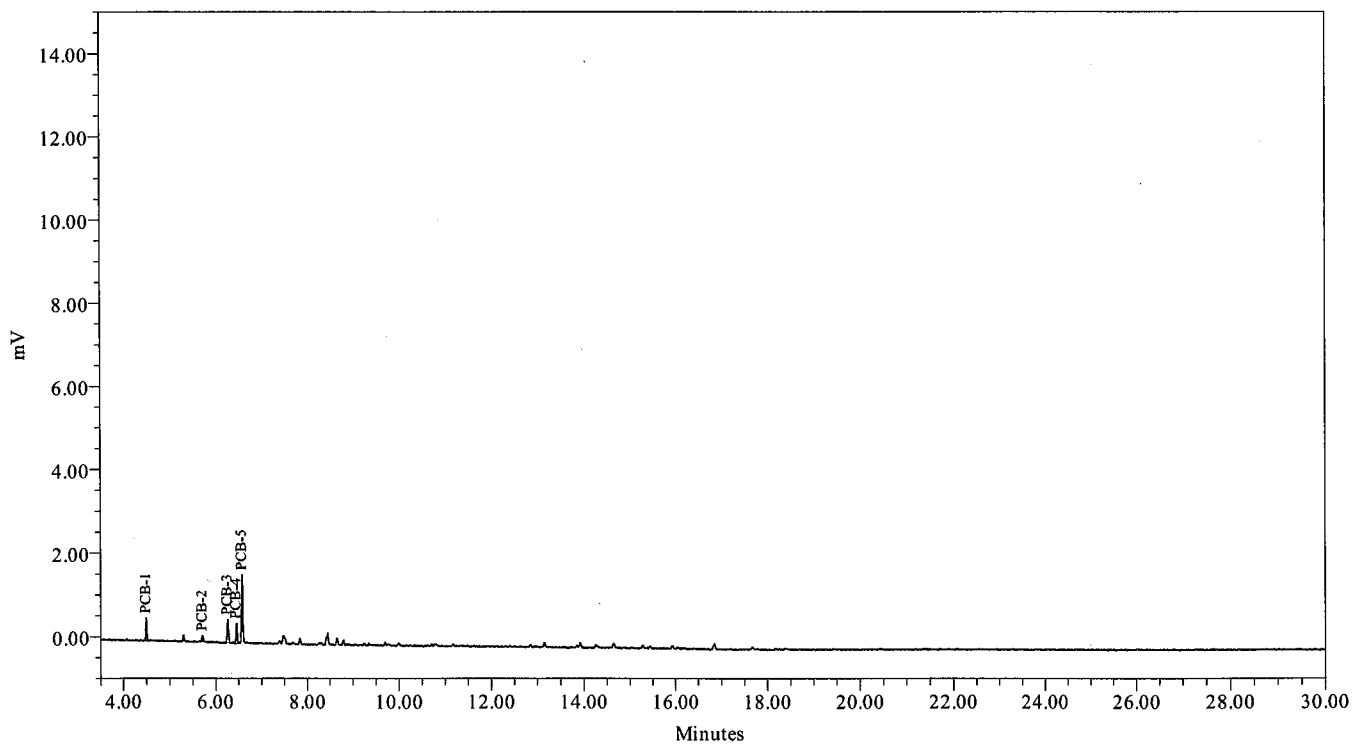
Sample Name:	120121D	Sample Amount:	1
Sample ID:	A1221 500 PPB	Dilution:	1
Date Acquired:	12/01/2008 17:09:07 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:41:33 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:38:43 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-11

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.504	bb	776
2	PCB-2	5.722	bb	346
3	PCB-3	6.269	bb	1134
4	PCB-4	6.462	bb	799
5	PCB-5	6.581	bb	2850

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	5905	500.000
2	A1221-2	5559	500.000
3	A1221-5	3055	500.000
4	A1232	2850	
5	A1232-8/9	2850	



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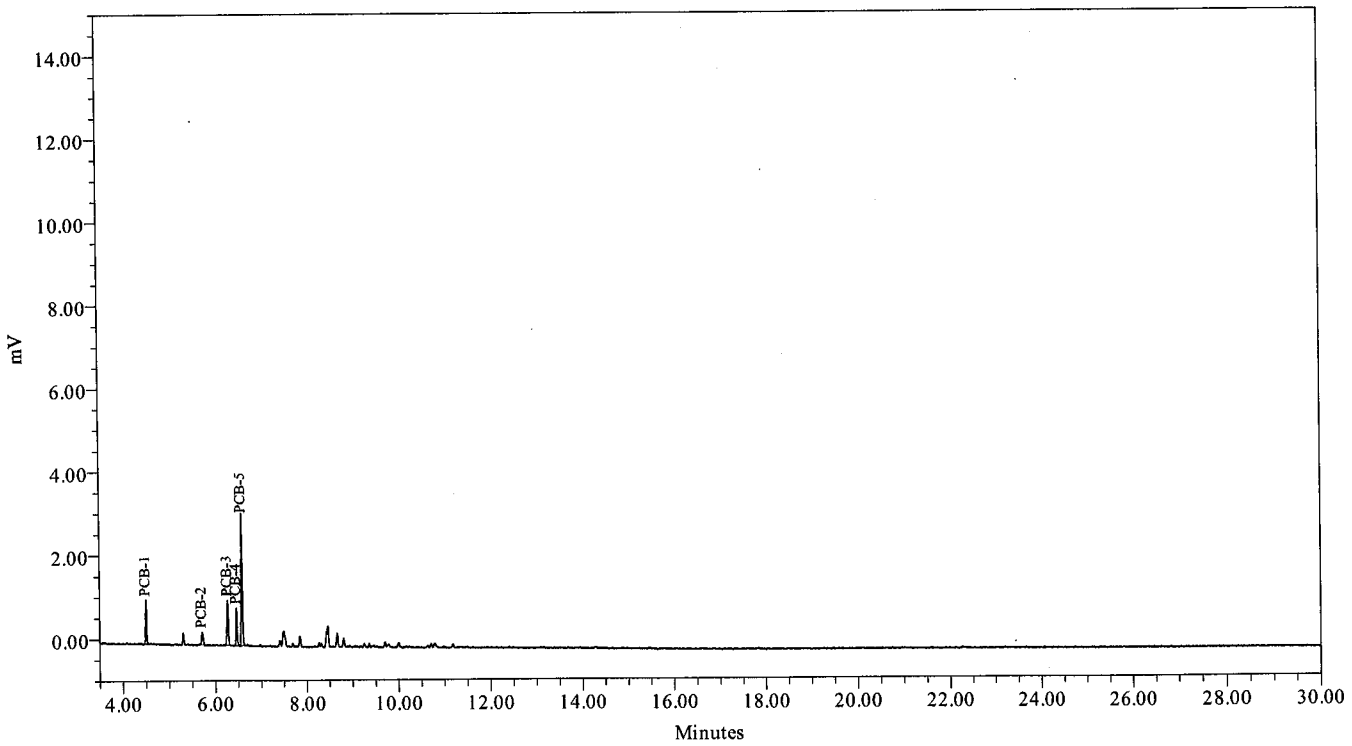
Sample Name:	120121E	Sample Amount:	1
Sample ID:	A1221 1000 PPB	Dilution:	1
Date Acquired:	12/01/2008 17:41:43 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:41:54 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:38:59 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-12

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-1	4.506	bb	1527
2	PCB-2	5.717	Vb	673
3	PCB-3	6.272	bb	2155
4	PCB-4	6.466	bb	1444
5	PCB-5	6.585	bb	5565

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1221	11365	1000.000
2	A1221-2	10691	1000.000
3	A1221-5	5799	1000.000
4	A1232	5565	
5	A1232-8/9	5565	



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1232	A1232-8/9
1	120132A	22.7057	8.2240
2	120132B	21.3394	9.1060
3	120132C	20.9103	9.6256
4	120132D	21.7292	9.8603
5	120132E	21.4608	9.8491
Mean		21.629	9.333
Std. Dev.		0.670	0.691
% RSD		3.10	7.41

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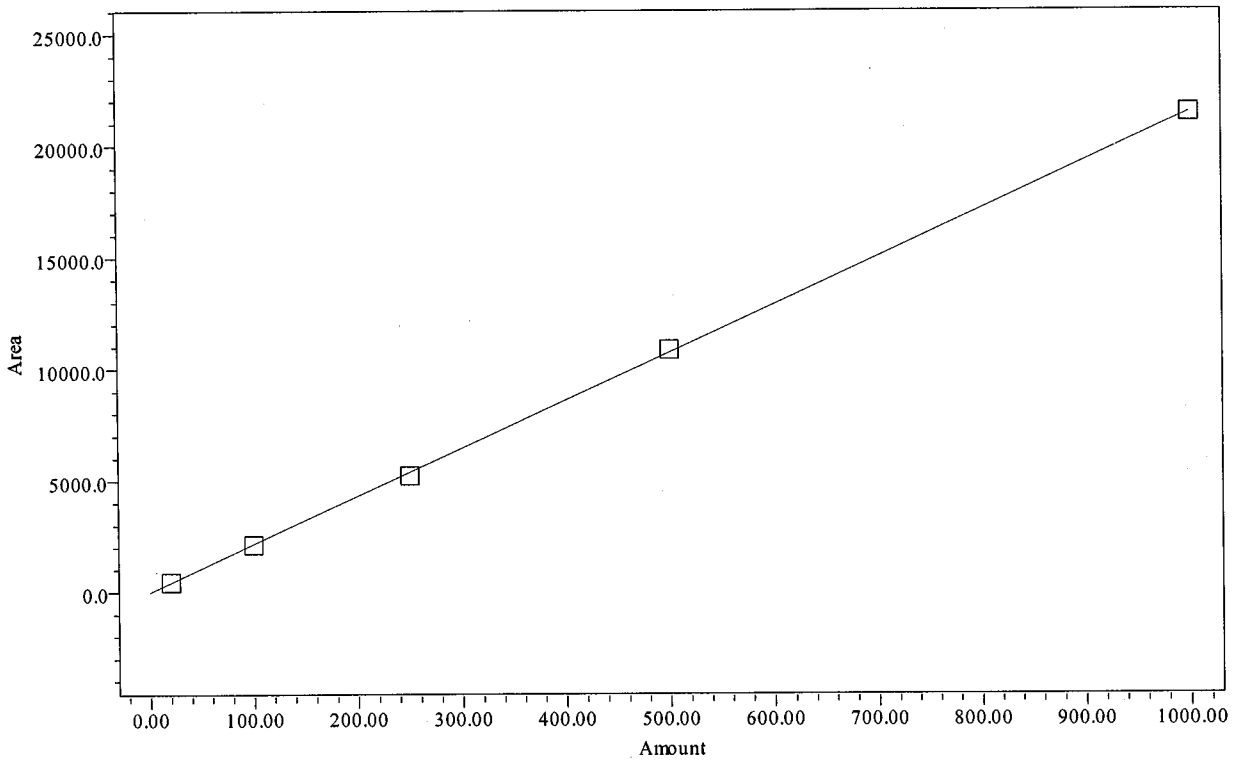
Name:	A1232	Coefficient constant A:	15.222405
System Name:	Instrument_20_Ch01	Coefficient first Order B:	21.425103
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999904
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999808

Calibration Curve



Point Table
Peak: A1232

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1232	20.00	454	20.5	2.424	No	No
2	A1232	100.00	2134	98.9	-1.110	No	No
3	A1232	250.00	5228	243.3	-2.687	No	No
4	A1232	500.00	10865	506.4	1.277	No	No
5	A1232	1000.00	21461	1001.0	0.096	No	No

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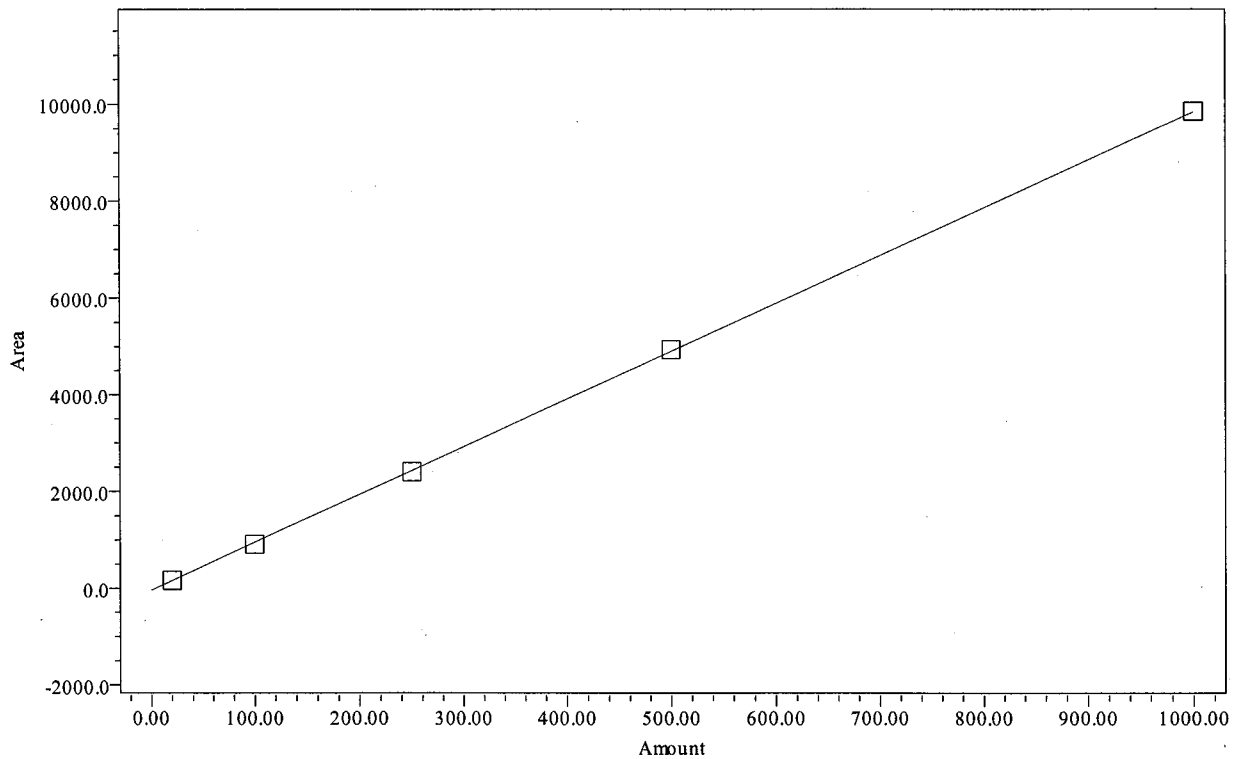
Name:	A1232-8/9	Coefficient constant A:	-40.284795
System Name:	Instrument_20_Ch01	Coefficient first Order B:	9.872806
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999930
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999860

Calibration Curve



Point Table
Peak: A1232-8/9

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1232-8/9	20.00	164	20.7	3.701	No	No
2	A1232-8/9	100.00	911	96.3	-3.686	No	No
3	A1232-8/9	250.00	2406	247.8	-0.872	No	No
4	A1232-8/9	500.00	4930	503.4	0.689	No	No
5	A1232-8/9	1000.00	9849	1001.7	0.168	No	No

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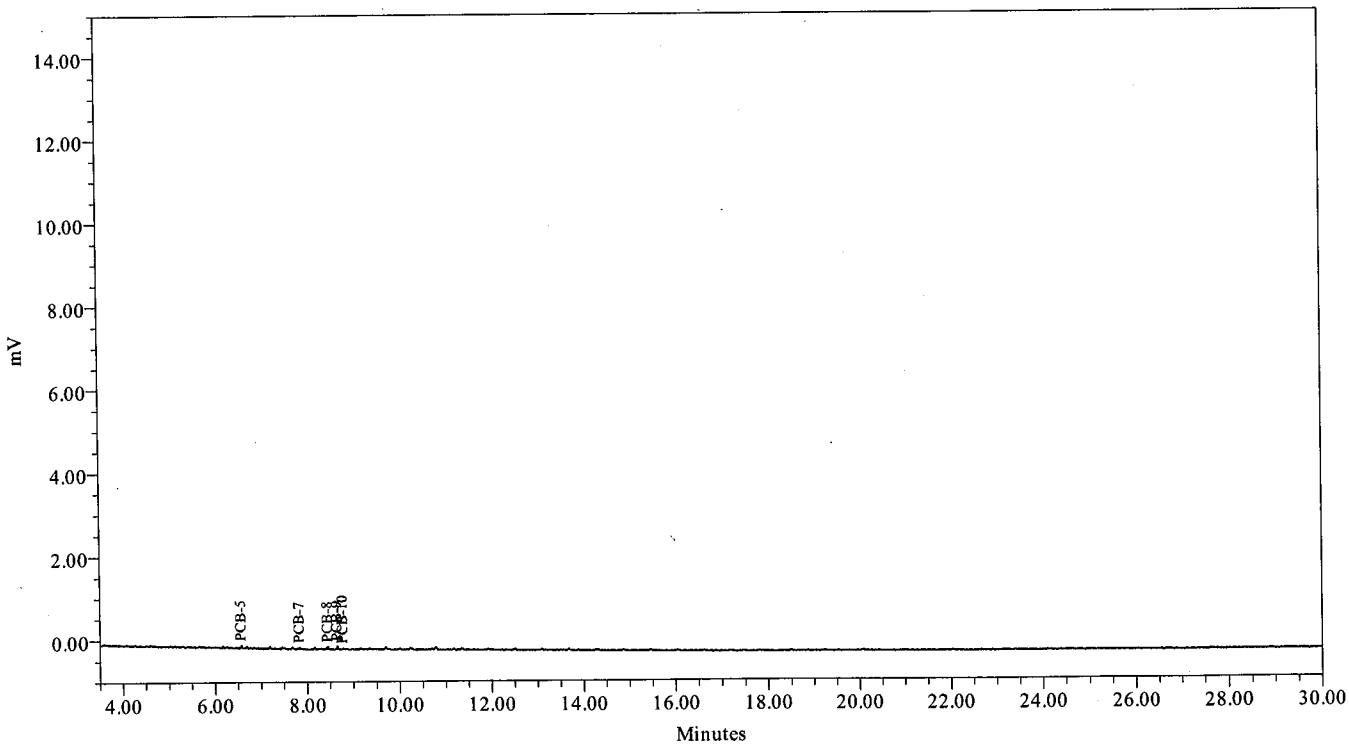
Sample Name:	120132A	Sample Amount:	1
Sample ID:	A1232 20 PPB	Dilution:	1
Date Acquired:	12/01/2008 18:14:19 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:44:01 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:39:09 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-13

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.579	bb	95
2	PCB-7	7.846	bb	40
3	PCB-8	8.455	bb	179
4	PCB-9	8.663	bb	111
5	PCB-10	8.788	bb	30

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	359	
2	A1221	95	
3	A1221-2	95	
4	A1232	454	20.000
5	A1232-8/9	164	20.000
6	A1242	359	



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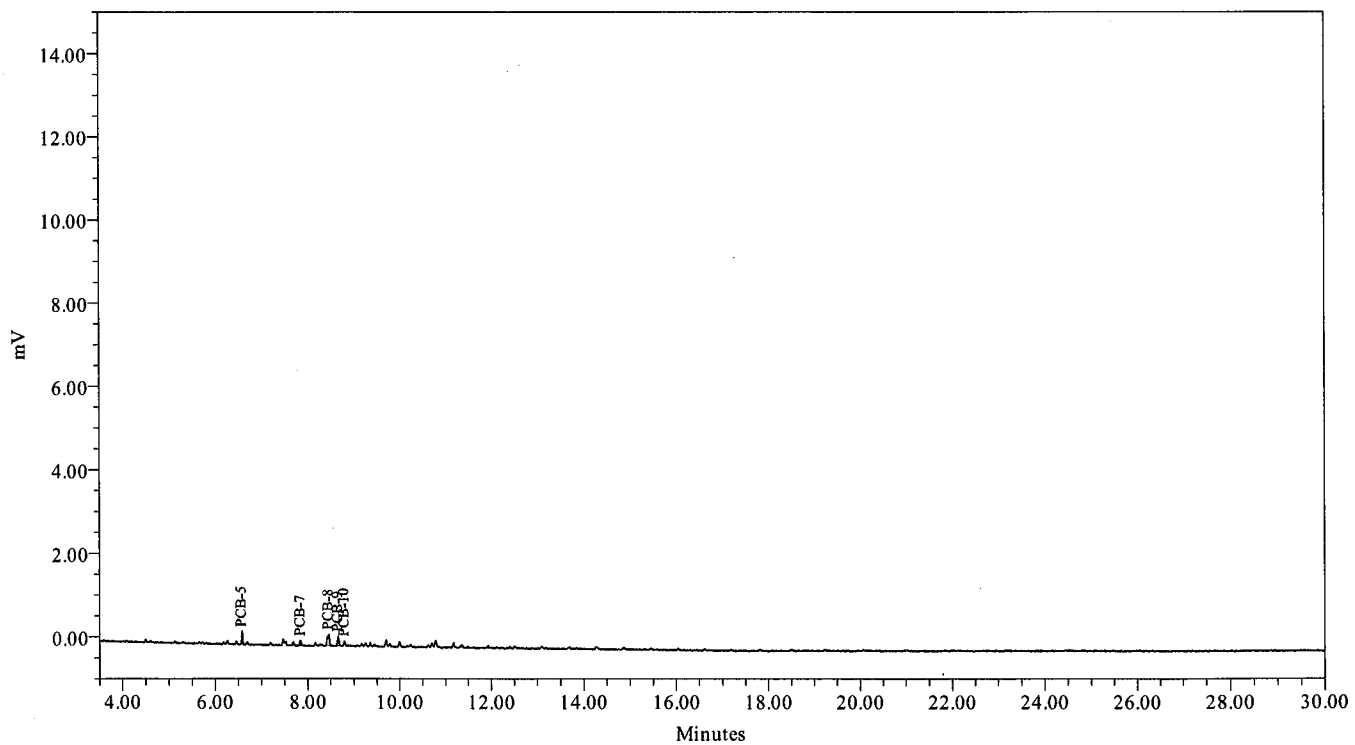
Sample Name:	120132B	Sample Amount:	1
Sample ID:	A1232 100 PPB	Dilution:	1
Date Acquired:	12/01/2008 18:46:55 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:44:19 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:39:24 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-14

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.584	bb	482
2	PCB-7	7.849	bb	232
3	PCB-8	8.461	bb	815
4	PCB-9	8.664	bb	408
5	PCB-10	8.801	bb	196

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	1651	
2	A1221	482	
3	A1221-2	482	
4	A1232	2134	100.000
5	A1232-8/9	911	100.000
6	A1242	1651	



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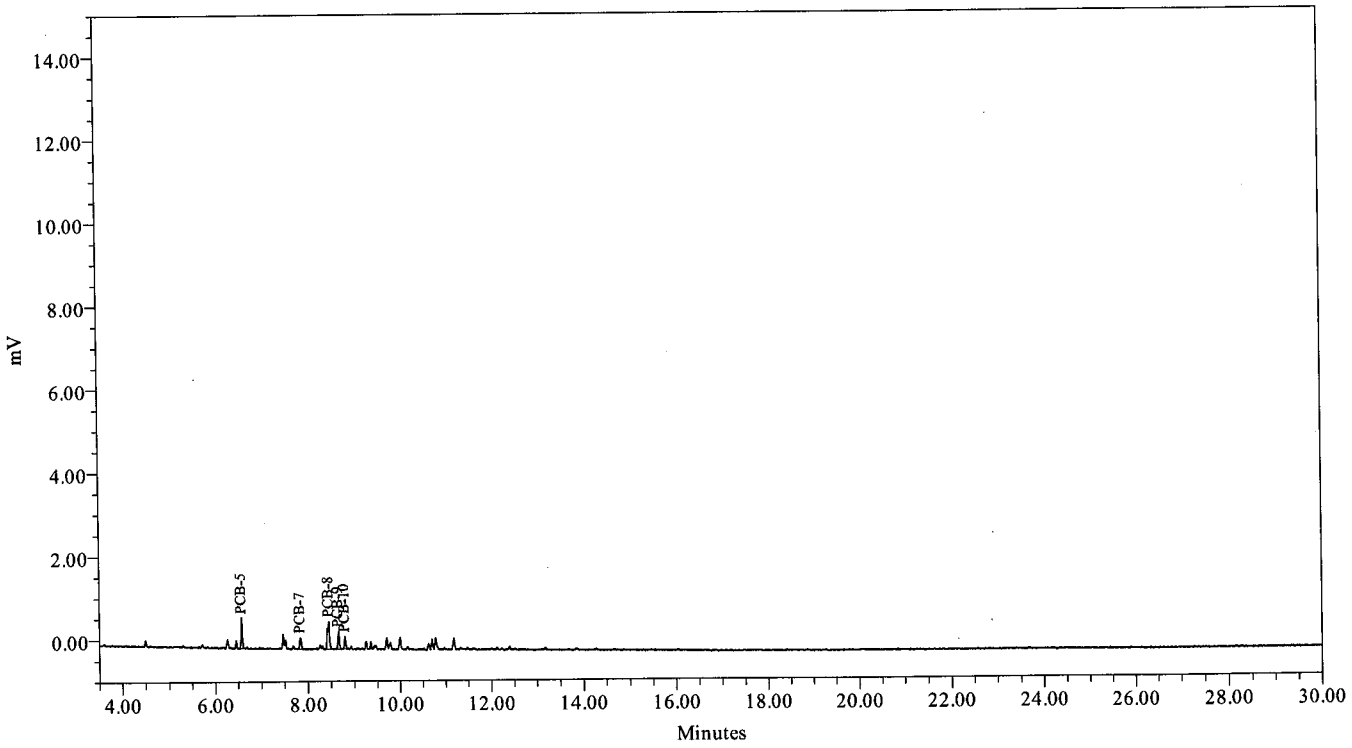
Sample Name:	120132C	Sample Amount:	1
Sample ID:	A1232 250 PPB	Dilution:	1
Date Acquired:	12/01/2008 19:19:32 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:44:40 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:39:32 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-15

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.584	bb	1265
2	PCB-7	7.846	bb	605
3	PCB-8	8.460	bb	1982
4	PCB-9	8.664	bb	839
5	PCB-10	8.803	bb	536

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	3962	
2	A1221	1265	
3	A1221-2	1265	
4	A1232	5228	250.000
5	A1232-8/9	2406	250.000
6	A1242	3962	



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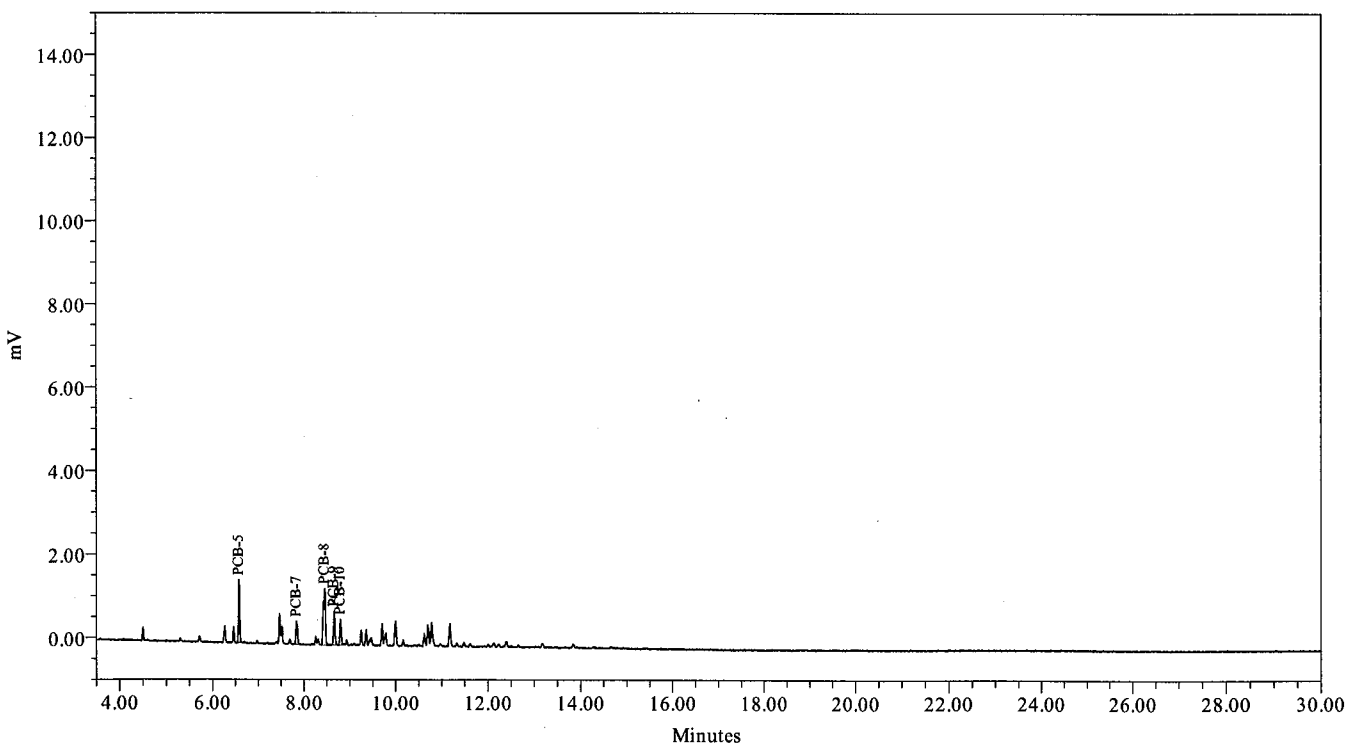
Sample Name:	120132D	Sample Amount:	1
Sample ID:	A1232 500 PPB	Dilution:	1
Date Acquired:	12/01/2008 19:52:09 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:44:58 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:39:54 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-16

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.584	bb	2540
2	PCB-7	7.845	bb	1243
3	PCB-8	8.461	bB	4249
4	PCB-9	8.666	BV	1686
5	PCB-10	8.803	VV	1147

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	8325	
2	A1221	2540	
3	A1221-2	2540	
4	A1232	10865	500.000
5	A1232-8/9	4930	500.000
6	A1242	8325	



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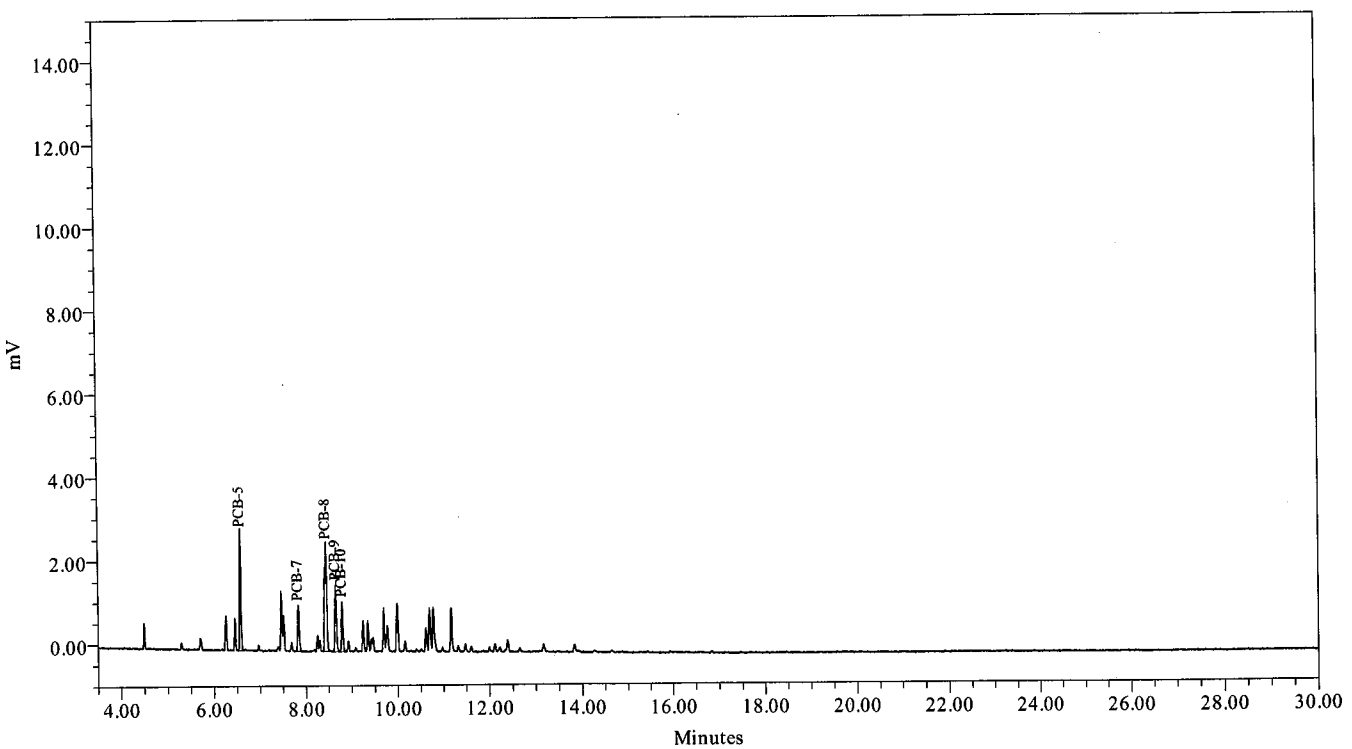
Sample Name:	120132E	Sample Amount:	1
Sample ID:	A1232 1000 PPB	Dilution:	1
Date Acquired:	12/01/2008 20:24:47 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:45:18 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:40:16 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-17

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-5	6.579	bb	5054
2	PCB-7	7.841	bb	2487
3	PCB-8	8.454	bV	8227
4	PCB-9	8.660	VV	3385
5	PCB-10	8.797	VV	2308

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	16407	
2	A1221	5054	
3	A1221-2	5054	
4	A1232	21461	1000.000
5	A1232-8/9	9849	1000.000
6	A1242	16407	



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component
Summary Table
Component Summary For RF

	Sample Name	A1242
1	120142A	36.2769
2	120142B	37.3946
3	120142C	38.2223
4	120142D	37.0852
5	120142E	35.9999
Mean		36.996
Std. Dev.		0.892
% RSD		2.41

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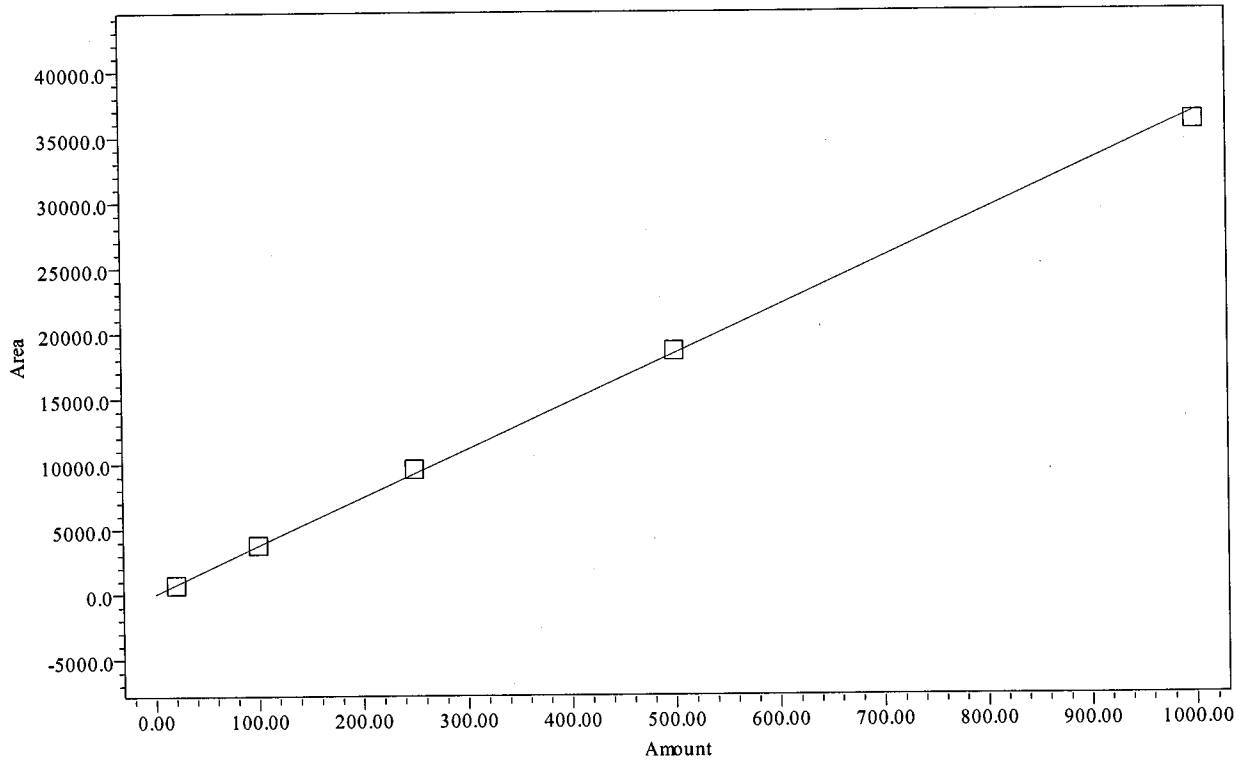
Name:	A1242	Coefficient constant A:	30.862637
System Name:	Instrument_20_Ch01	Coefficient first Order B:	36.582230
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999715
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999430

Calibration Curve



Point Table
Peak: A1242

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1242	20.00	726	19.0	-5.053	No	No
2	A1242	100.00	3739	101.4	1.377	No	No
3	A1242	250.00	9556	260.4	4.146	No	No
4	A1242	500.00	18543	506.0	1.206	No	No
5	A1242	1000.00	36000	983.2	-1.676	No	No

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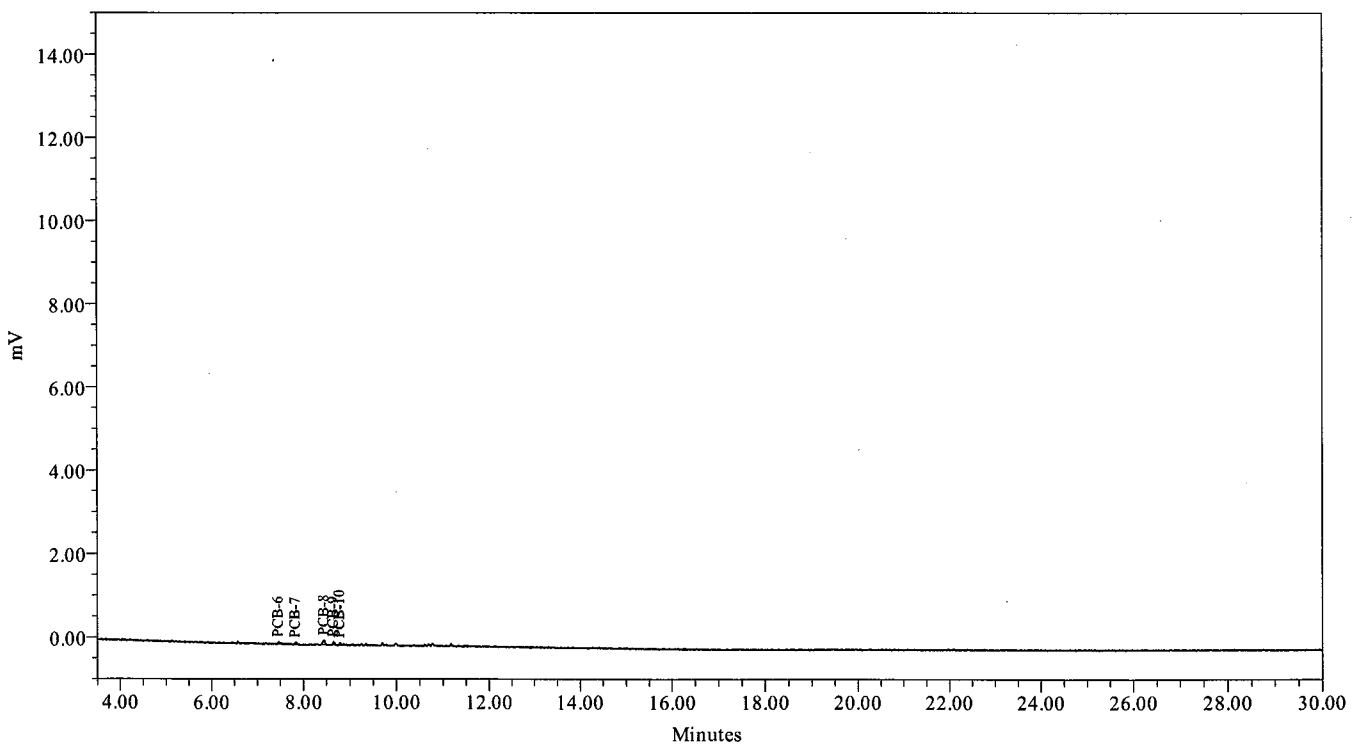
Sample Name:	120142A	Sample Amount:	1
Sample ID:	A1242 20 PPB	Dilution:	1
Date Acquired:	12/01/2008 20:57:24 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:46:19 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:40:34 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-18

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.470	bb	81
2	PCB-7	7.836	bb	89
3	PCB-8	8.455	bb	300
4	PCB-9	8.658	bb	148
5	PCB-10	8.793	bb	107

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	726	
2	A1232	645	
3	A1232-8/9	197	
4	A1242	726	20.000



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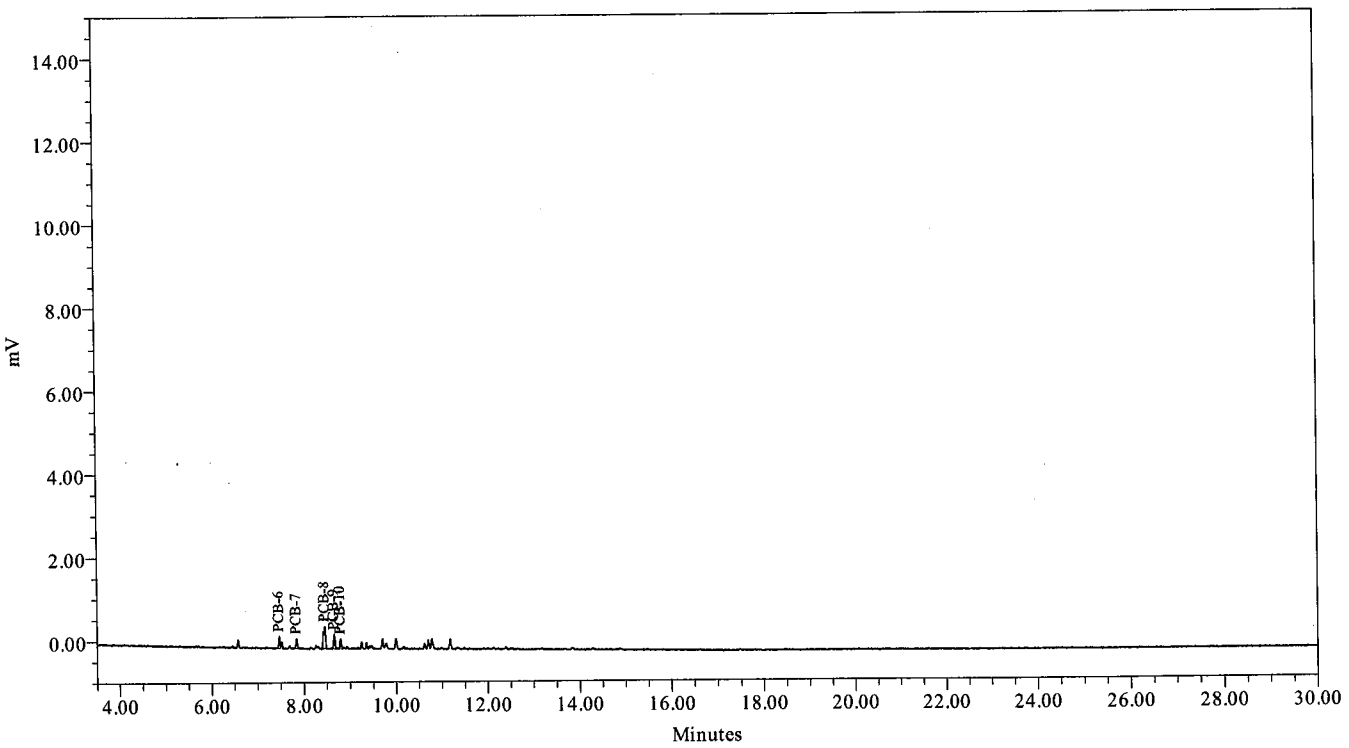
Sample Name:	120142B	Sample Amount:	1
Sample ID:	A1242 100 PPB	Dilution:	1
Date Acquired:	12/01/2008 21:30:00 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:46:34 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:40:42 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-19

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.472	bV	478
2	PCB-7	7.844	bb	459
3	PCB-8	8.459	bb	1636
4	PCB-9	8.664	bb	708
5	PCB-10	8.800	bb	458

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	3739	
2	A1232	3261	
3	A1232-8/9	917	
4	A1242	3739	100.000



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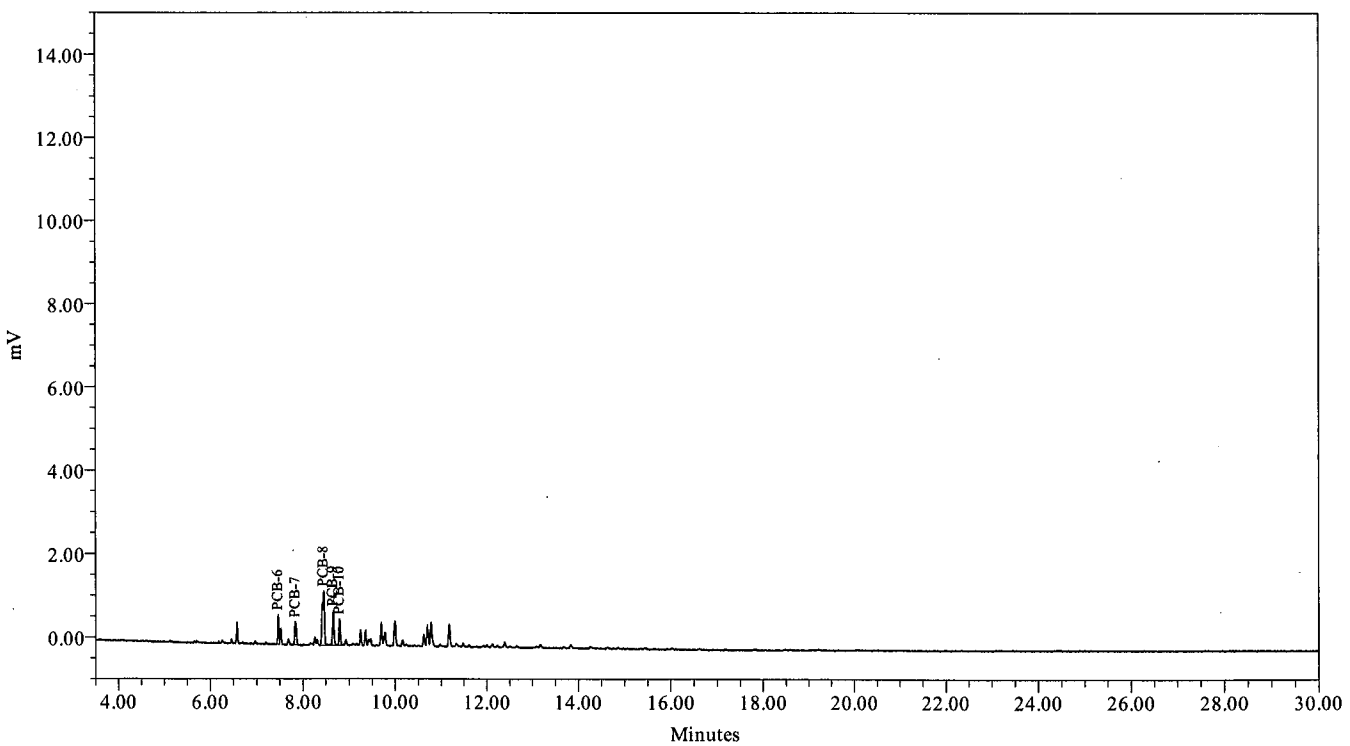
Sample Name:	120142C	Sample Amount:	1
Sample ID:	A1242 250 PPB	Dilution:	1
Date Acquired:	12/01/2008 22:02:36 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:46:49 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:00 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-20

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.472	bV	1198
2	PCB-7	7.844	bb	1223
3	PCB-8	8.459	bV	4209
4	PCB-9	8.664	VV	1751
5	PCB-10	8.801	VV	1175

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	9556	
2	A1232	8357	
3	A1232-8/9	2398	
4	A1242	9556	250.000



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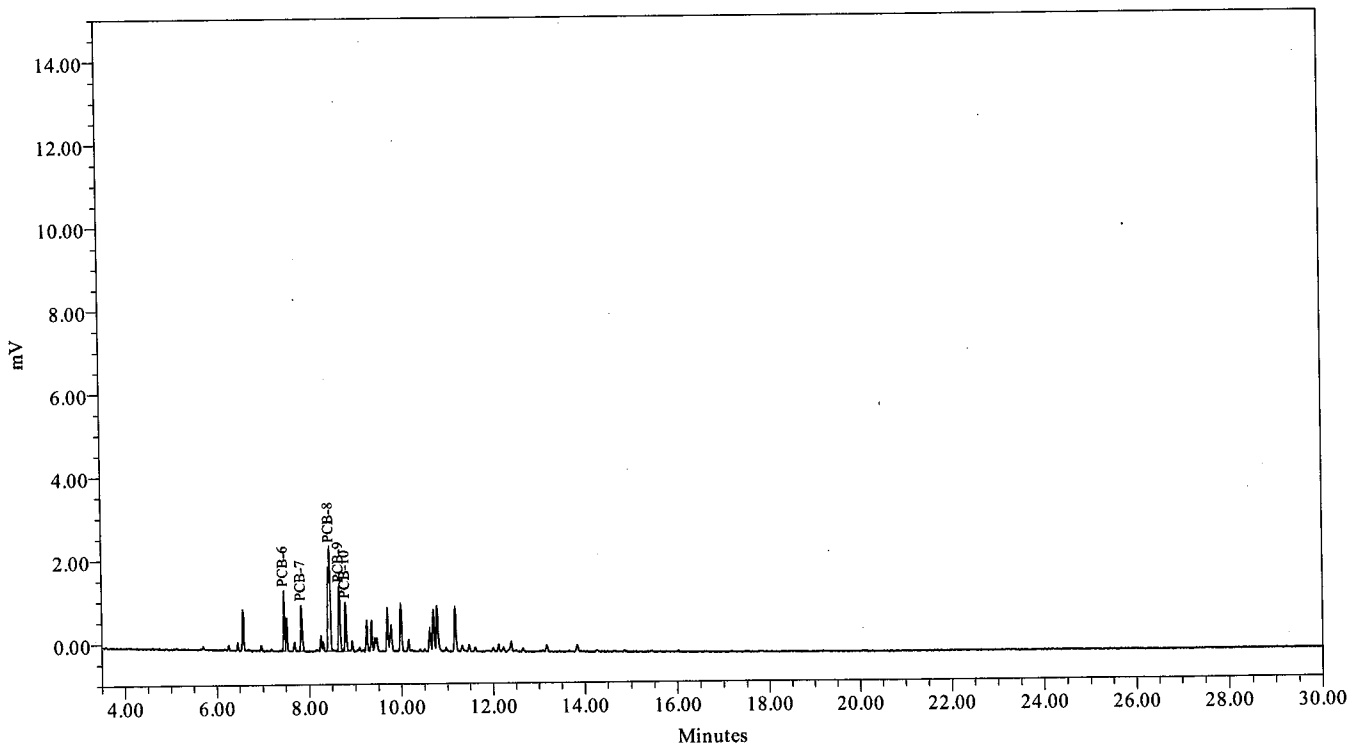
Sample Name:	120142D	Sample Amount:	1
Sample ID:	A1242 500 PPB	Dilution:	1
Date Acquired:	12/01/2008 22:35:12 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:47:04 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:09 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-21

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.470	bV	2410
2	PCB-7	7.841	bb	2460
3	PCB-8	8.455	bV	8053
4	PCB-9	8.661	VV	3296
5	PCB-10	8.797	VV	2323

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	18543	
2	A1232	16132	
3	A1232-8/9	4783	
4	A1242	18543	500.000



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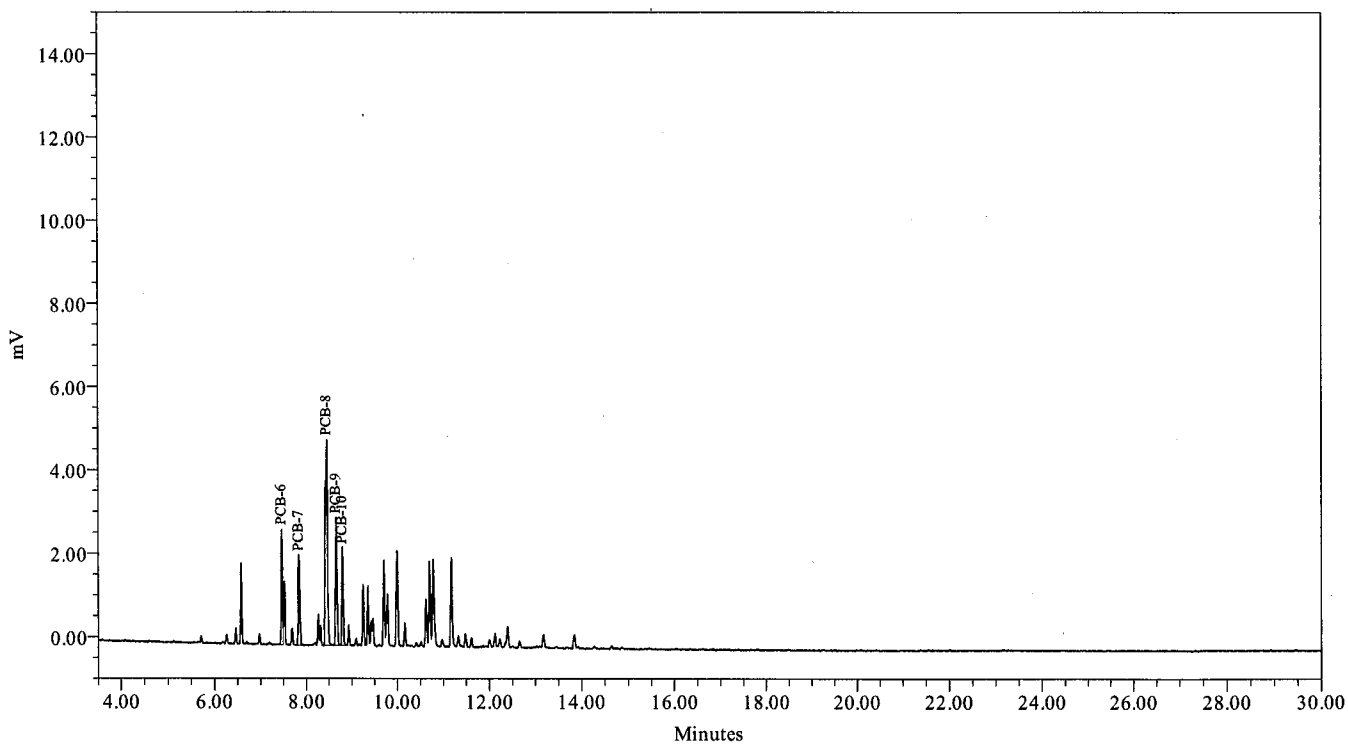
Sample Name:	120142E	Sample Amount:	1
Sample ID:	A1242 1000 PPB	Dilution:	1
Date Acquired:	12/01/2008 23:07:49 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:47:20 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:25 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-22

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-6	7.473	bV	4632
2	PCB-7	7.845	bb	4836
3	PCB-8	8.460	bV	15688
4	PCB-9	8.664	VV	6380
5	PCB-10	8.802	VV	4464

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1016	36000	
2	A1232	31367	
3	A1232-8/9	9300	
4	A1242	36000	1000.000



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1248-11/15	A1248-14/15	A1248
1	120148A	22.1439	19.1458	34.0924
2	120148B	23.2220	16.9242	35.6939
3	120148C	23.6592	17.2126	36.2701
4	120148D	23.8715	17.1861	36.7139
5	120148E	22.6209	16.5005	34.8517
Mean		23.104	17.394	35.524
Std. Dev.		0.719	1.020	1.061
% RSD		3.11	5.87	2.99

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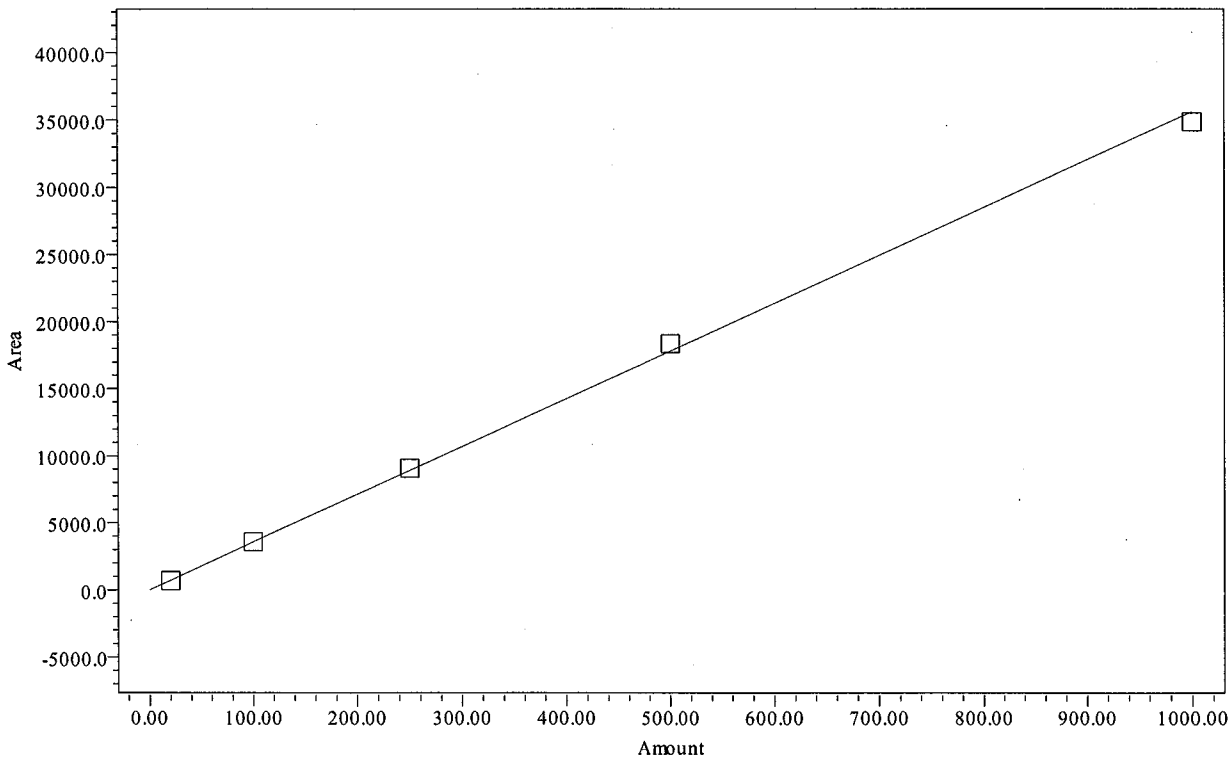
Name:	A1248	Coefficient constant A:	-4.825895
System Name:	Instrument_20_Ch01	Coefficient first Order B:	35.589048
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999648
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999295

Calibration Curve



Point Table
Peak: A1248

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248	20.00	682	19.3	-3.527	No	No
2	A1248	100.00	3569	100.4	0.430	No	No
3	A1248	250.00	9068	254.9	1.968	No	No
4	A1248	500.00	18357	515.9	3.188	No	No
5	A1248	1000.00	34852	979.4	-2.058	No	No

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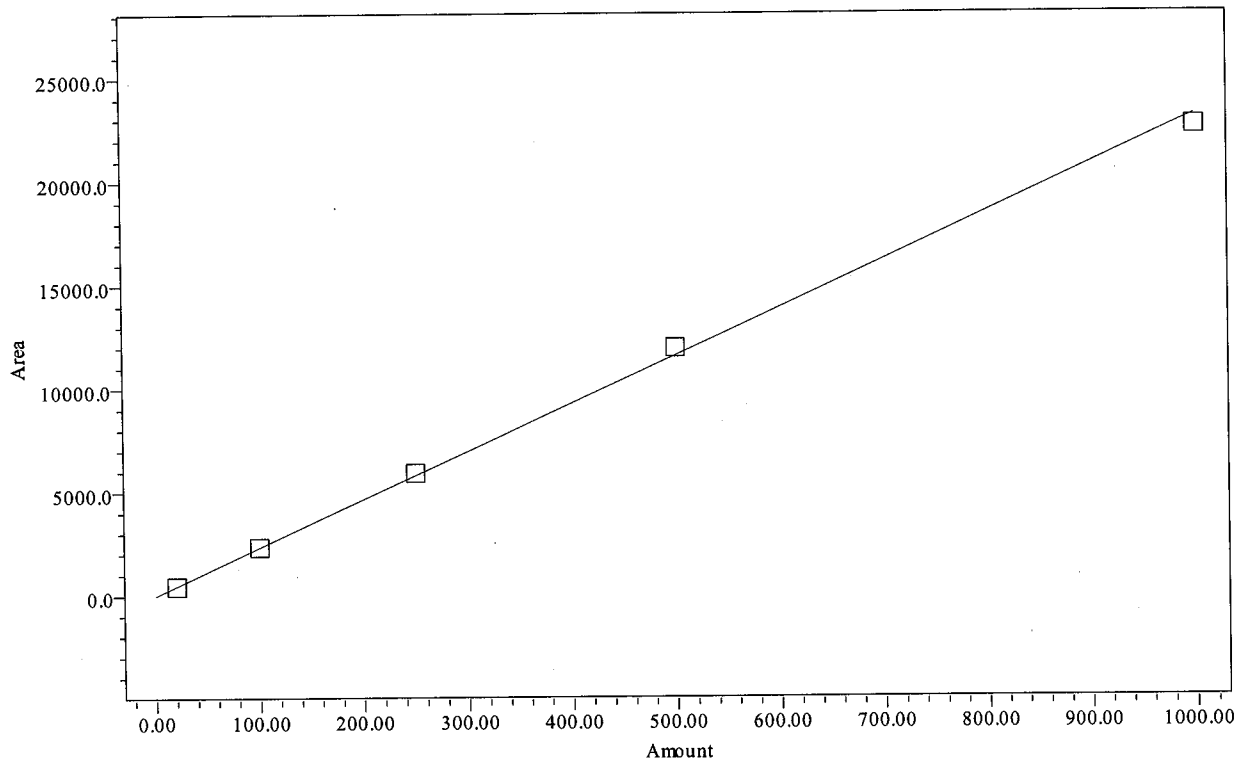
Name:	A1248-11/15	Coefficient constant A:	-1.645932
System Name:	Instrument_20_Ch01	Coefficient first Order B:	23.125571
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999610
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999221

Calibration Curve



Point Table
Peak: A1248-11/15

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248-11/15	20.00	443	19.2	-3.889	No	No
2	A1248-11/15	100.00	2322	100.5	0.488	No	No
3	A1248-11/15	250.00	5915	255.8	2.336	No	No
4	A1248-11/15	500.00	11936	516.2	3.240	No	No
5	A1248-11/15	1000.00	22621	978.2	-2.175	No	No

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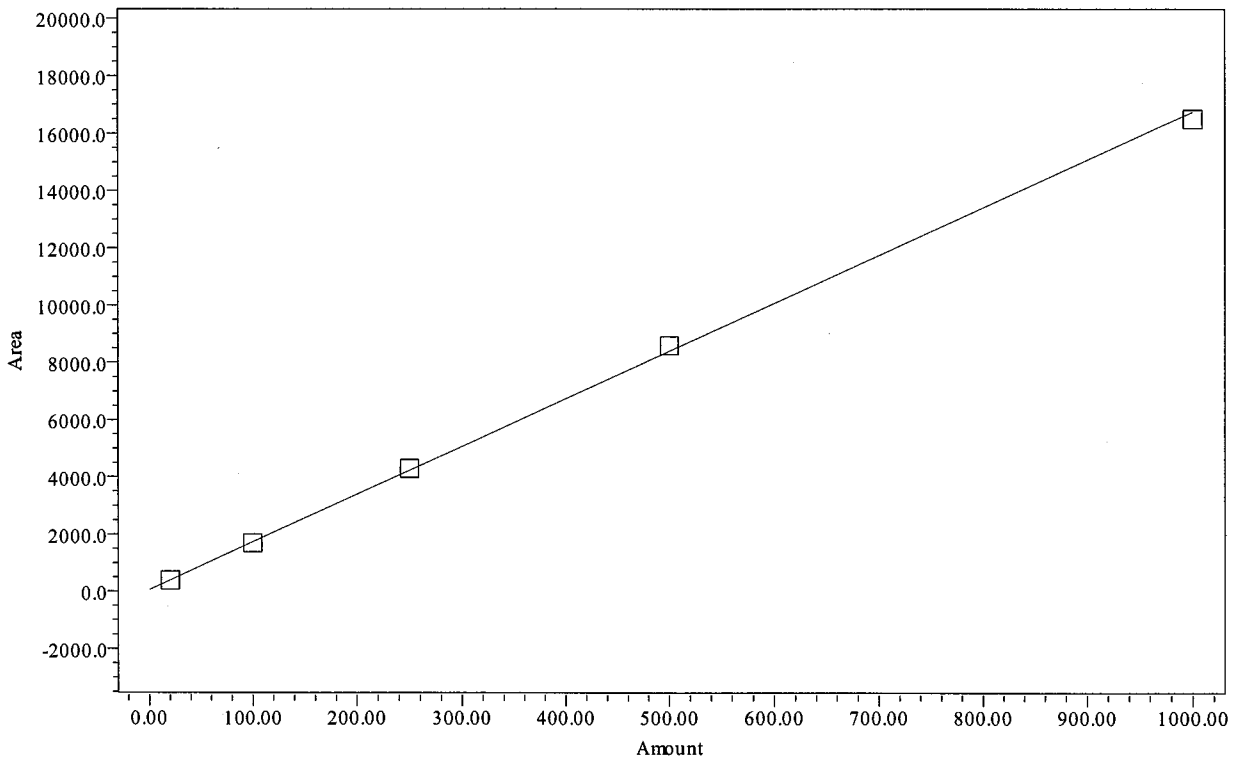
Name:	A1248-14/15	Coefficient constant A:	52.568594
System Name:	Instrument_20_Ch01	Coefficient first Order B:	16.689410
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999798
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999596

Calibration Curve



Point Table
Peak: A1248-14/15

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1248-14/15	20.00	383	19.8	-1.031	No	No
2	A1248-14/15	100.00	1692	98.3	-1.743	No	No
3	A1248-14/15	250.00	4303	254.7	1.875	No	No
4	A1248-14/15	500.00	8593	511.7	2.346	No	No
5	A1248-14/15	1000.00	16501	985.5	-1.447	No	No

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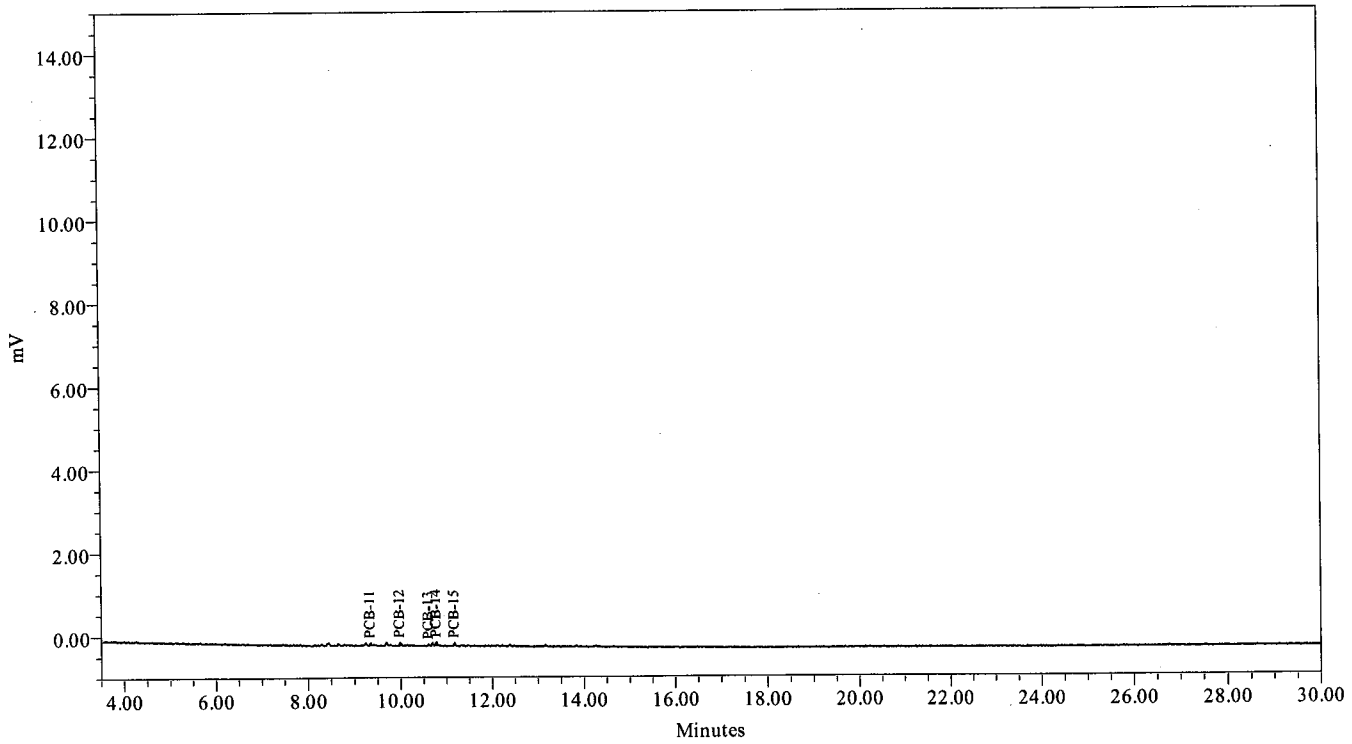
Sample Name:	120148A	Sample Amount:	1
Sample ID:	A1248 20 PPB	Dilution:	1
Date Acquired:	12/01/2008 23:40:25 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:48:14 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:34 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-23

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.356	bb	113
2	PCB-12	9.993	bb	206
3	PCB-13	10.619	bb	63
4	PCB-14	10.789	bb	173
5	PCB-15	11.183	bb	126

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	682	20.000
2	A1248-11/15	443	20.000
3	A1248-14/15	383	20.000



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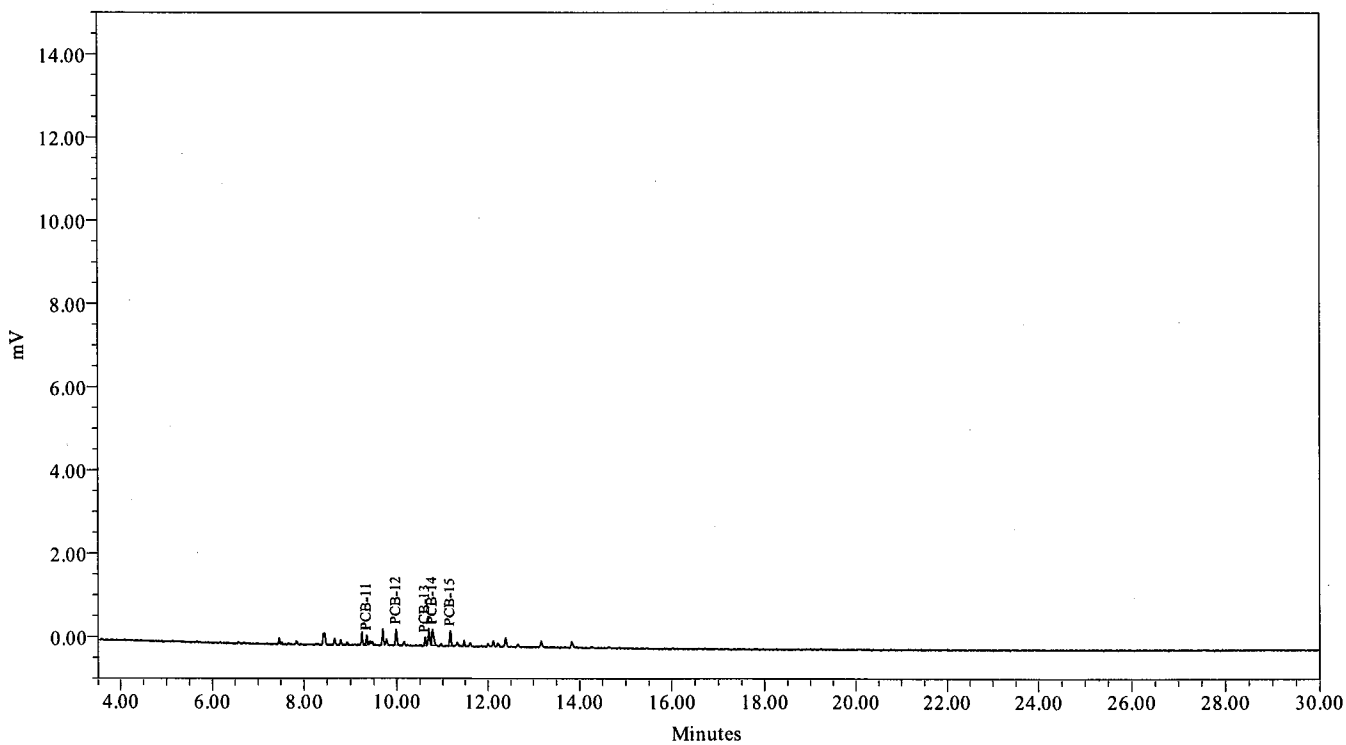
Sample Name:	120148B	Sample Amount:	1
Sample ID:	A1248 100 PPB	Dilution:	1
Date Acquired:	12/02/2008 00:13:01 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:48:29 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:51 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-24

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.355	bb	459
2	PCB-12	9.994	bb	816
3	PCB-13	10.622	bV	417
4	PCB-14	10.779	Vb	1089
5	PCB-15	11.173	bb	788

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	3569	100.000
2	A1248-11/15	2322	100.000
3	A1248-14/15	1692	100.000



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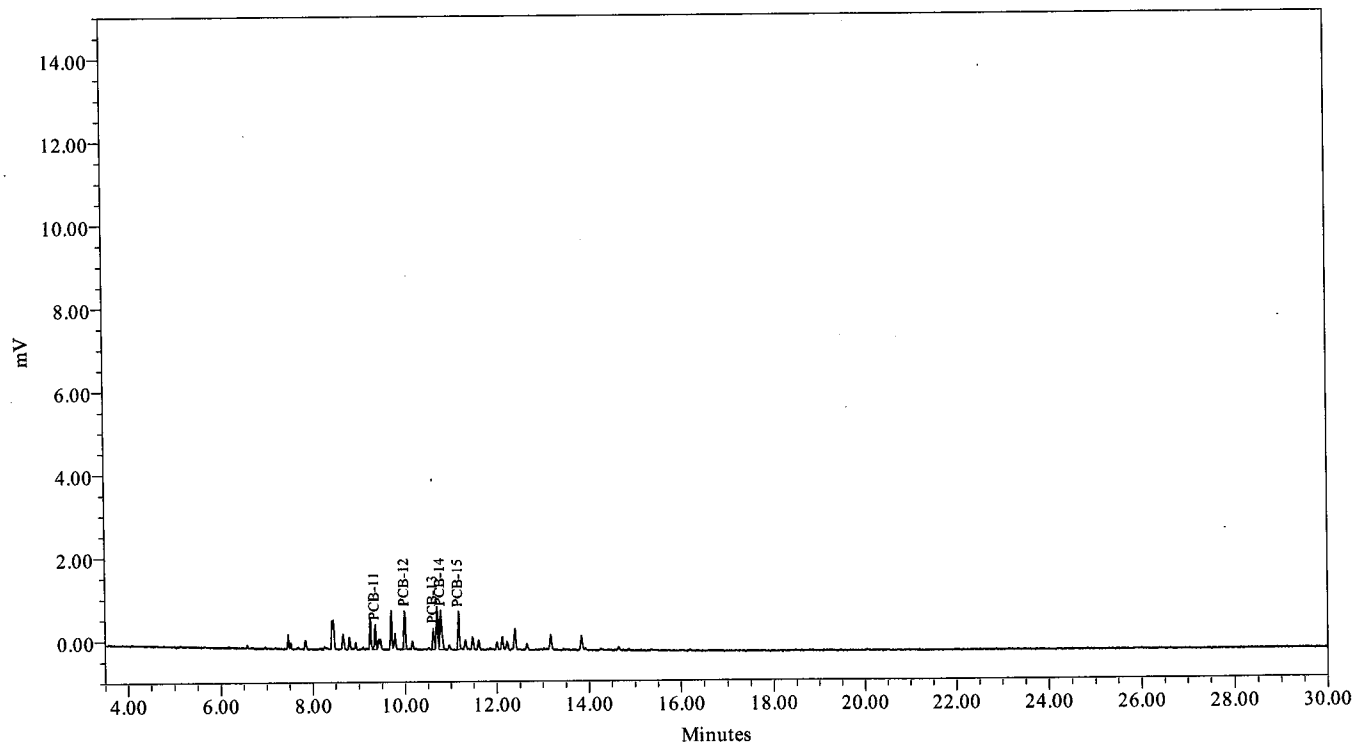
Sample Name:	120148C	Sample Amount:	1
Sample ID:	A1248 250 PPB	Dilution:	1
Date Acquired:	12/02/2008 00:45:38 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:48:47 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:41:59 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-25

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.359	bV	1154
2	PCB-12	9.997	bb	2035
3	PCB-13	10.625	bV	1114
4	PCB-14	10.782	Vb	2766
5	PCB-15	11.175	bb	1999

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	9068	250.000
2	A1248-11/15	5915	250.000
3	A1248-14/15	4303	250.000



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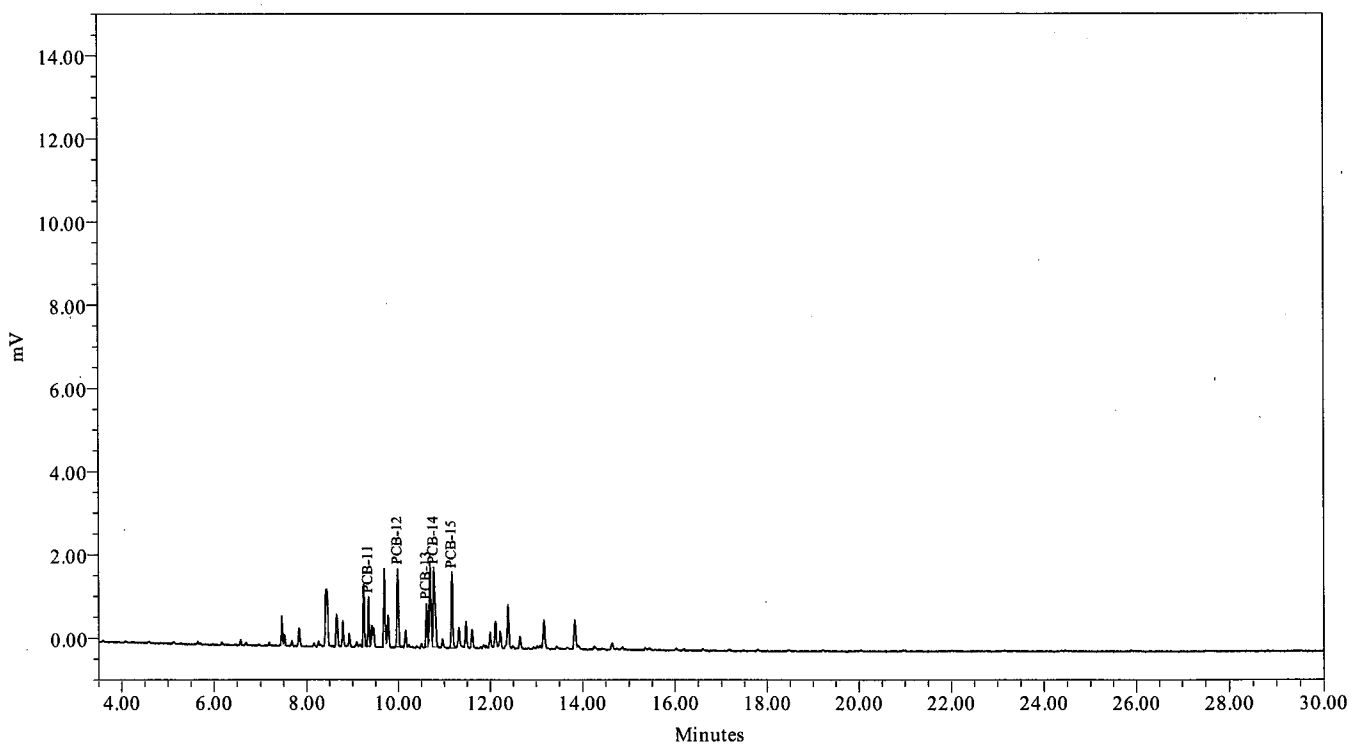
Sample Name:	120148D	Sample Amount:	1
Sample ID:	A1248 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 01:18:15 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:49:05 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:42:16 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-26

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.355	bV	2215
2	PCB-12	9.994	bb	4188
3	PCB-13	10.621	bV	2190
4	PCB-14	10.778	Vb	5557
5	PCB-15	11.171	bb	4207

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	18357	500.000
2	A1248-11/15	11936	500.000
3	A1248-14/15	8593	500.000



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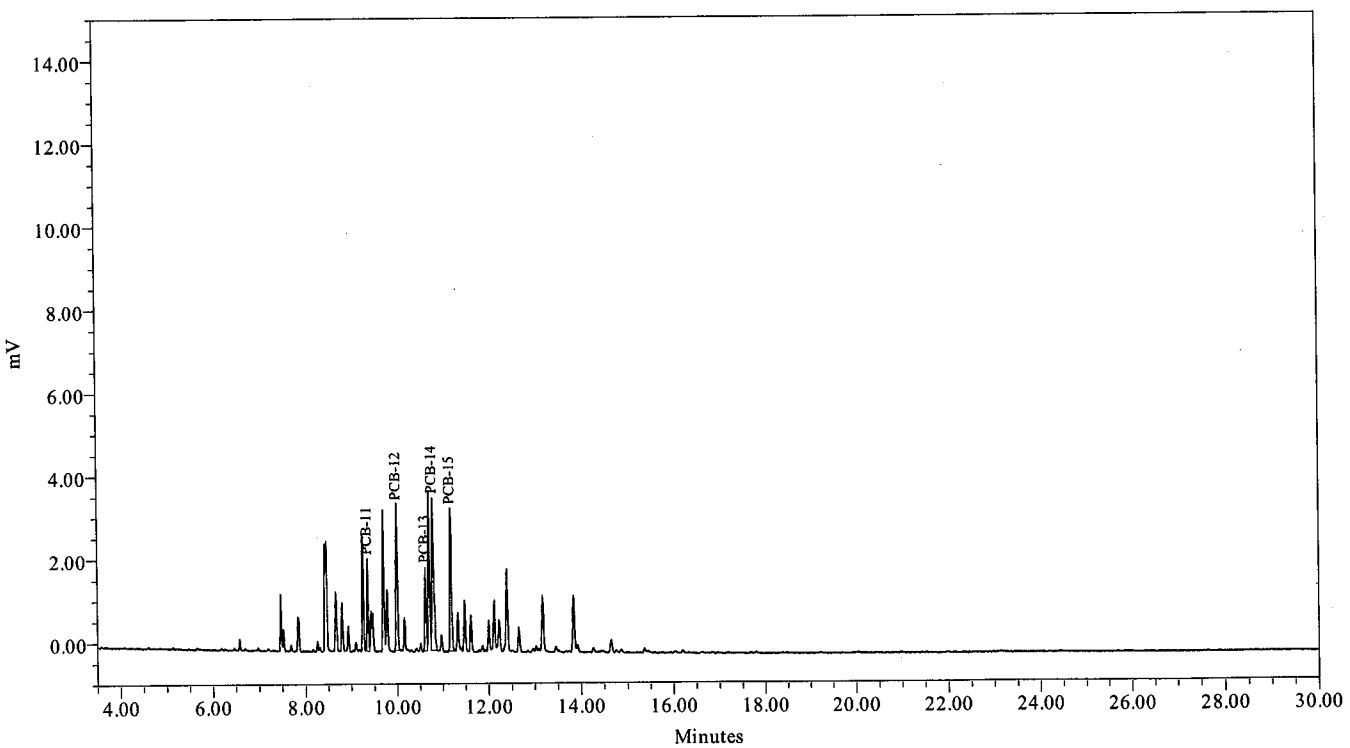
Sample Name:	120148E	Sample Amount:	1
Sample ID:	A1248 1000 PPB	Dilution:	1
Date Acquired:	12/02/2008 01:50:52 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:49:23 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:42:26 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-27

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-11	9.360	bV	4301
2	PCB-12	9.999	bb	7953
3	PCB-13	10.626	bV	4247
4	PCB-14	10.783	Vb	10422
5	PCB-15	11.176	bb	7930

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1248	34852	1000.000
2	A1248-11/15	22621	1000.000
3	A1248-14/15	16501	1000.000



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 01
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1254-17/18	A1254-19/20	A1254-20	A1254
1	120154B	31.5943	31.7601	41.7450	53.0854
2	120154C	32.6706	32.2710	42.2713	55.0443
3	120154D	31.5000	31.2269	40.9287	53.1889
4	120154E	29.9294	29.8271	38.9946	50.7662
5	120154A	30.0014	32.5948	42.5883	53.4439
Mean		31.139	31.536	41.306	53.106
Std. Dev.		1.166	1.087	1.436	1.529
% RSD		3.75	3.45	3.48	2.88

Calibration Component Summary Table
Component Summary For RF

	Sample Name	TCMX	DCBP
1	120154A	248.1788	219.0560
2	120154B	246.5039	225.3667
3	120154C	234.8761	210.7184
4	120154D	229.1173	209.0124
5	120154E	223.0923	204.4929
Mean		236.354	213.729
Std. Dev.		10.877	8.373
% RSD		4.60	3.92

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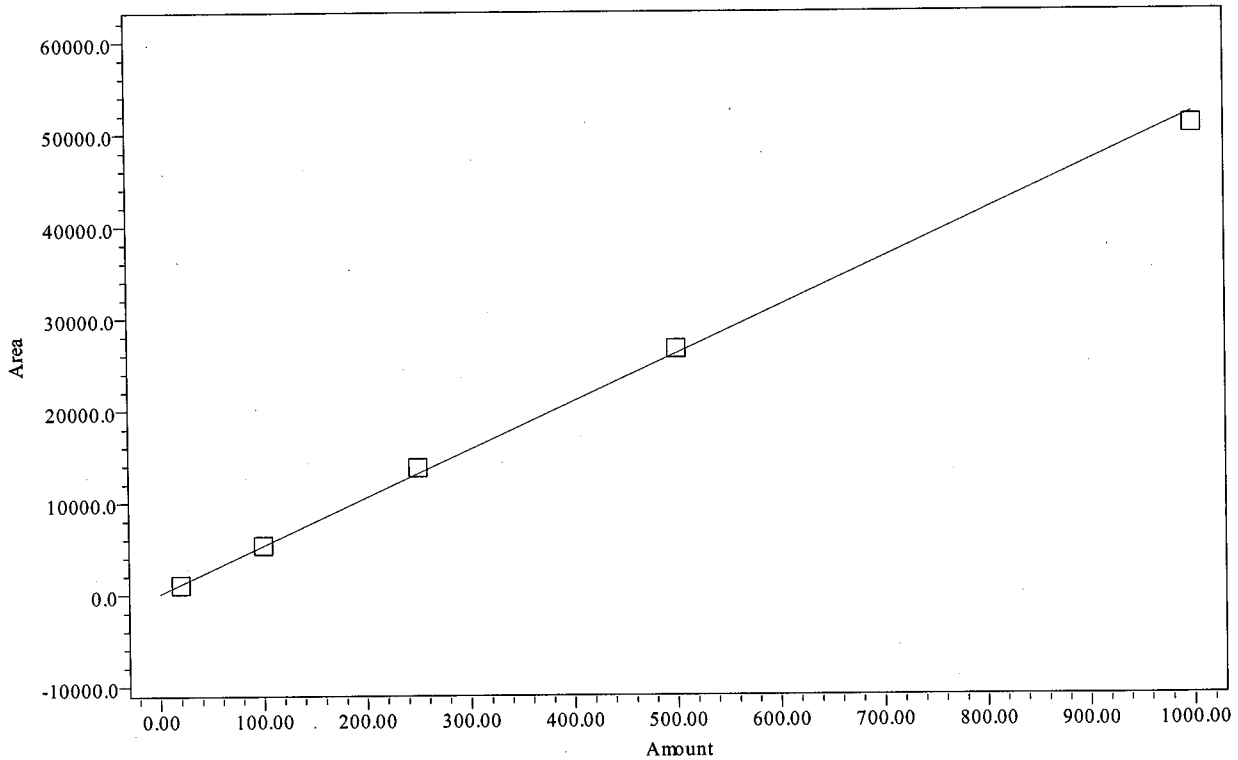
Name:	A1254	Coefficient constant A:	90.166304
System Name:	Instrument_20_Ch01	Coefficient first Order B:	51.897509
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999475
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998951

Calibration Curve



Point Table
Peak: A1254

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254	20.00	1069	18.9	-5.707	No	No
2	A1254	100.00	5309	100.6	0.552	No	No
3	A1254	250.00	13761	263.4	5.368	No	No
4	A1254	500.00	26594	510.7	2.141	No	No
5	A1254	1000.00	50766	976.5	-2.354	No	No

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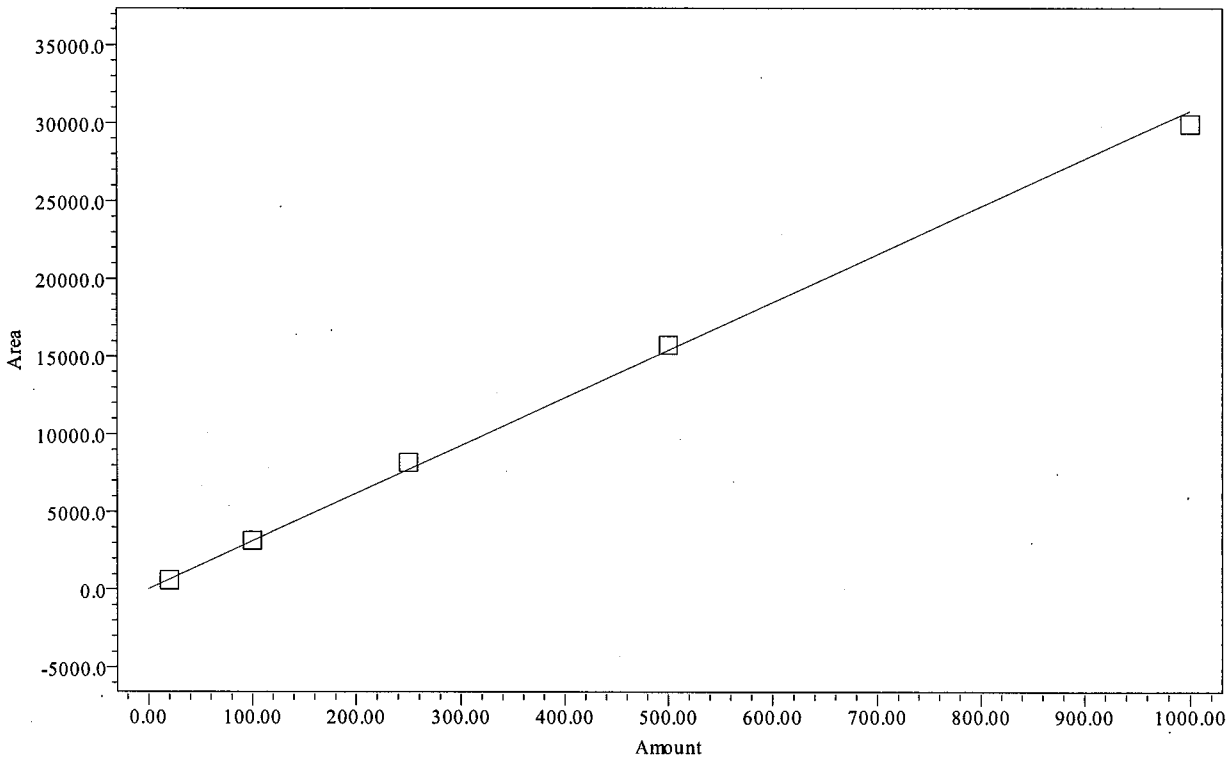
Name:	A1254-17/18	Coefficient constant A:	31.095744
System Name:	Instrument_20_Ch01	Coefficient first Order B:	30.722446
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999328
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998656

Calibration Curve



Point Table
Peak: A1254-17/18

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-17/18	20.00	600	18.5	-7.408	No	No
2	A1254-17/18	100.00	3159	101.8	1.826	No	No
3	A1254-17/18	250.00	8168	264.8	5.936	No	No
4	A1254-17/18	500.00	15750	511.6	2.328	No	No
5	A1254-17/18	1000.00	29929	973.2	-2.683	No	No

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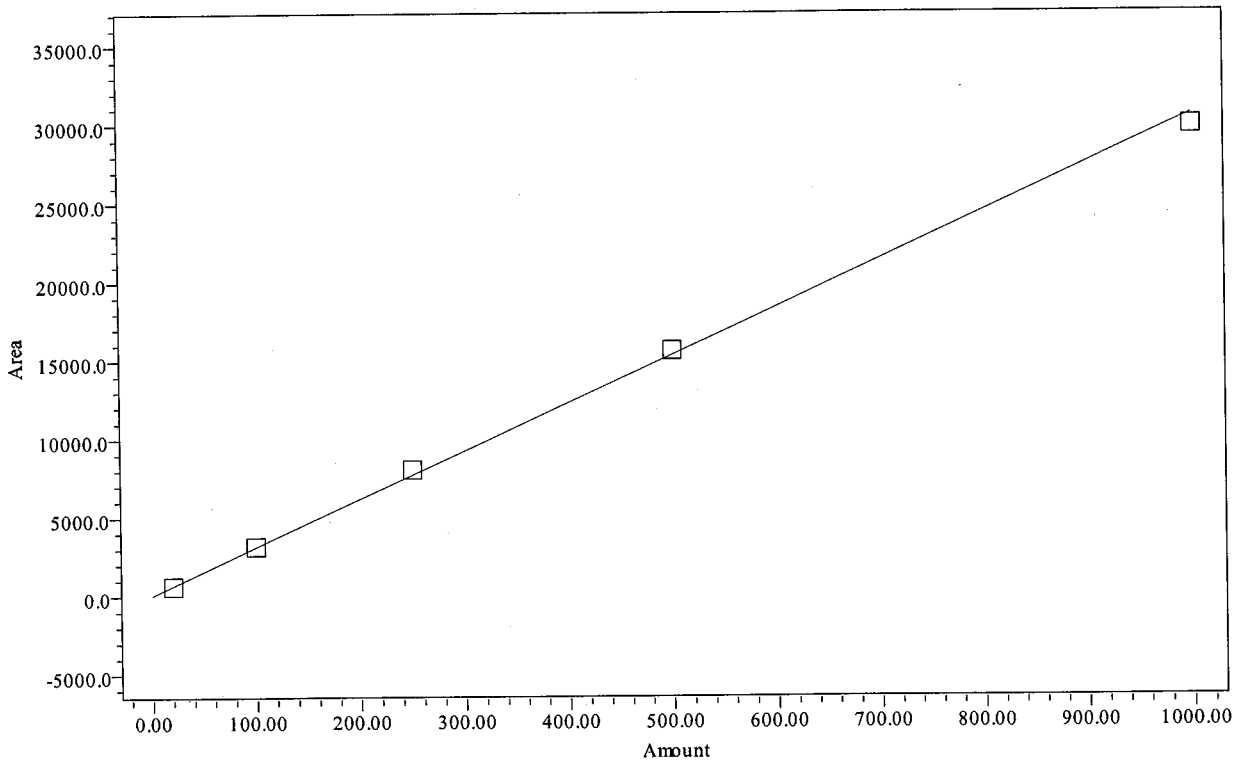
Name:	A1254-19/20	Coefficient constant A:	81.565720
System Name:	Instrument_20_Ch01	Coefficient first Order B:	30.442990
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999517
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999033

Calibration Curve



Point Table
Peak: A1254-19/20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-19/20	20.00	652	18.7	-6.328	No	No
2	A1254-19/20	100.00	3176	101.6	1.647	No	No
3	A1254-19/20	250.00	8068	262.3	4.933	No	No
4	A1254-19/20	500.00	15613	510.2	2.039	No	No
5	A1254-19/20	1000.00	29827	977.1	-2.291	No	No

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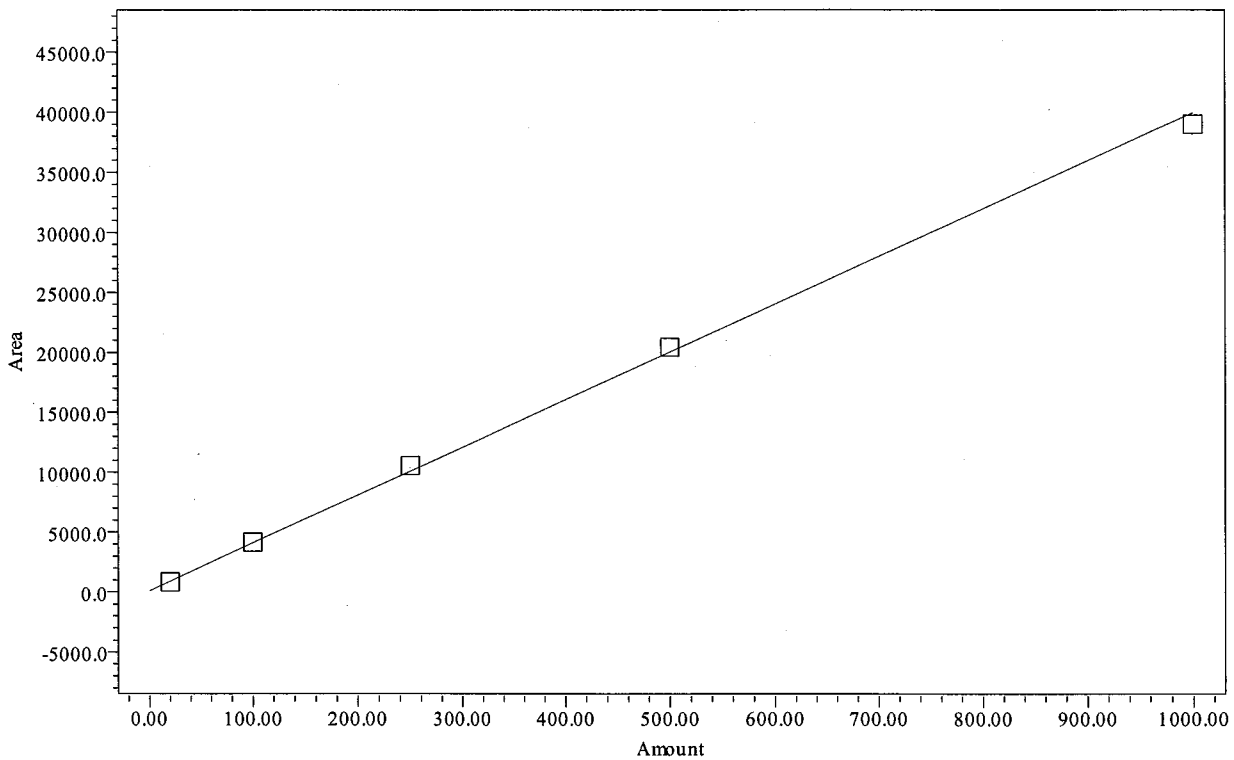
Name:	A1254-20	Coefficient constant A:	109.103513
System Name:	Instrument_20_Ch01	Coefficient first Order B:	39.843600
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999475
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998950

Calibration Curve



Point Table
Peak: A1254-20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1254-20	20.00	852	18.6	-6.803	No	No
2	A1254-20	100.00	4175	102.0	2.034	No	No
3	A1254-20	250.00	10568	262.5	4.998	No	No
4	A1254-20	500.00	20464	510.9	2.176	No	No
5	A1254-20	1000.00	38995	976.0	-2.405	No	No

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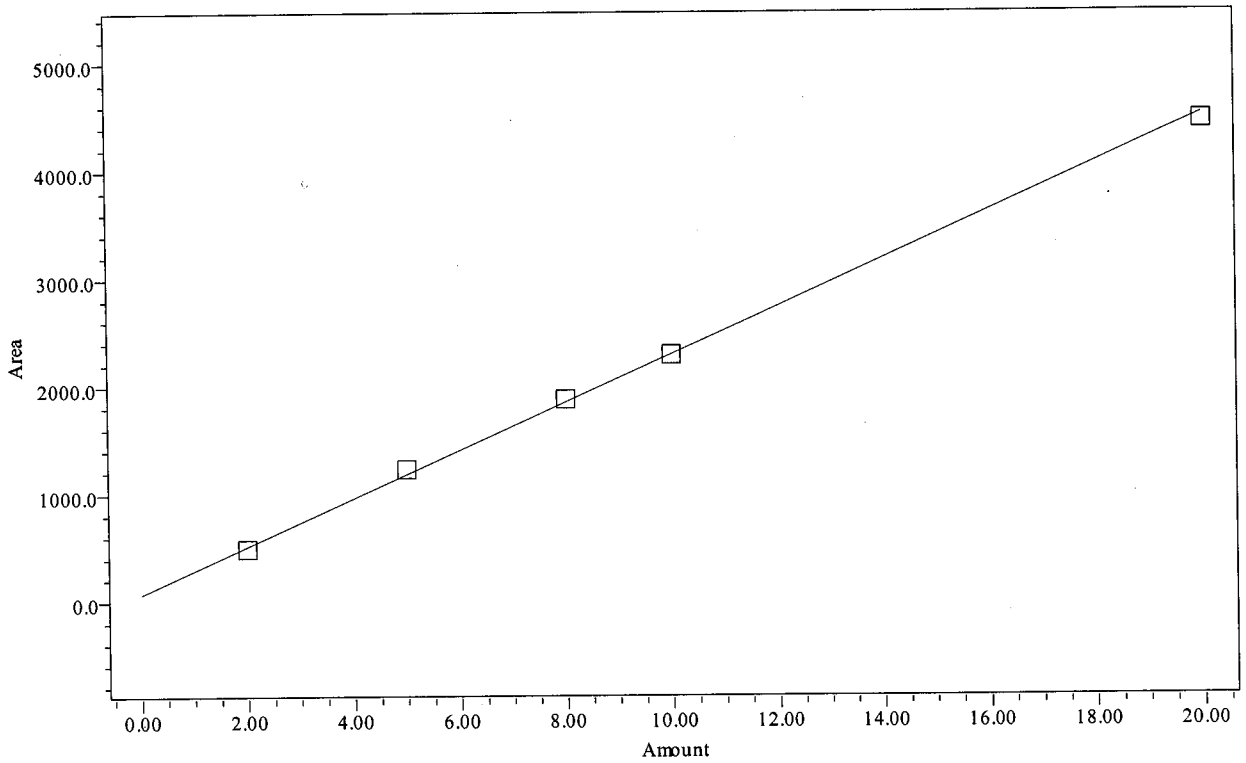
Name:	TCMX	Coefficient constant A:	72.850679
System Name:	Instrument_20_Ch01	Coefficient first Order B:	222.147808
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999505
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999010

Calibration Curve



Point Table
Peak: TCMX

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	TCMX	2.00	496	1.9	-4.679	No	No
2	TCMX	5.00	1233	5.2	4.405	No	No
3	TCMX	8.00	1879	8.1	1.630	No	No
4	TCMX	10.00	2291	10.0	-0.142	No	No
5	TCMX	20.00	4462	19.8	-1.215	No	No

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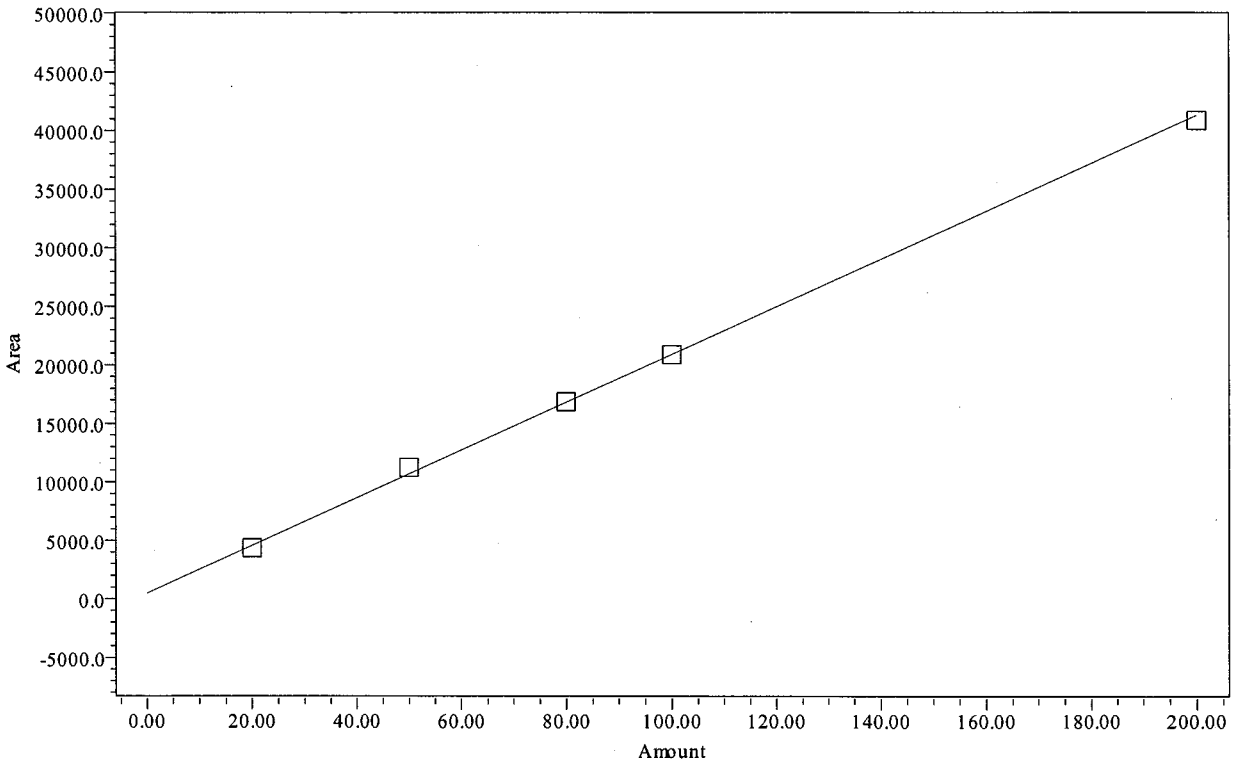
Name:	DCBP	Coefficient constant A:	495.742085
System Name:	Instrument_20_Ch01	Coefficient first Order B:	204.062320
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999426
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.998853

Calibration Curve



Point Table
Peak: DCBP

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	DCBP	20.00	4381	19.0	-4.799	No	No
2	DCBP	50.00	11268	52.8	5.581	No	No
3	DCBP	80.00	16857	80.2	0.225	No	No
4	DCBP	100.00	20901	100.0	-0.004	No	No
5	DCBP	200.00	40899	198.0	-1.004	No	No

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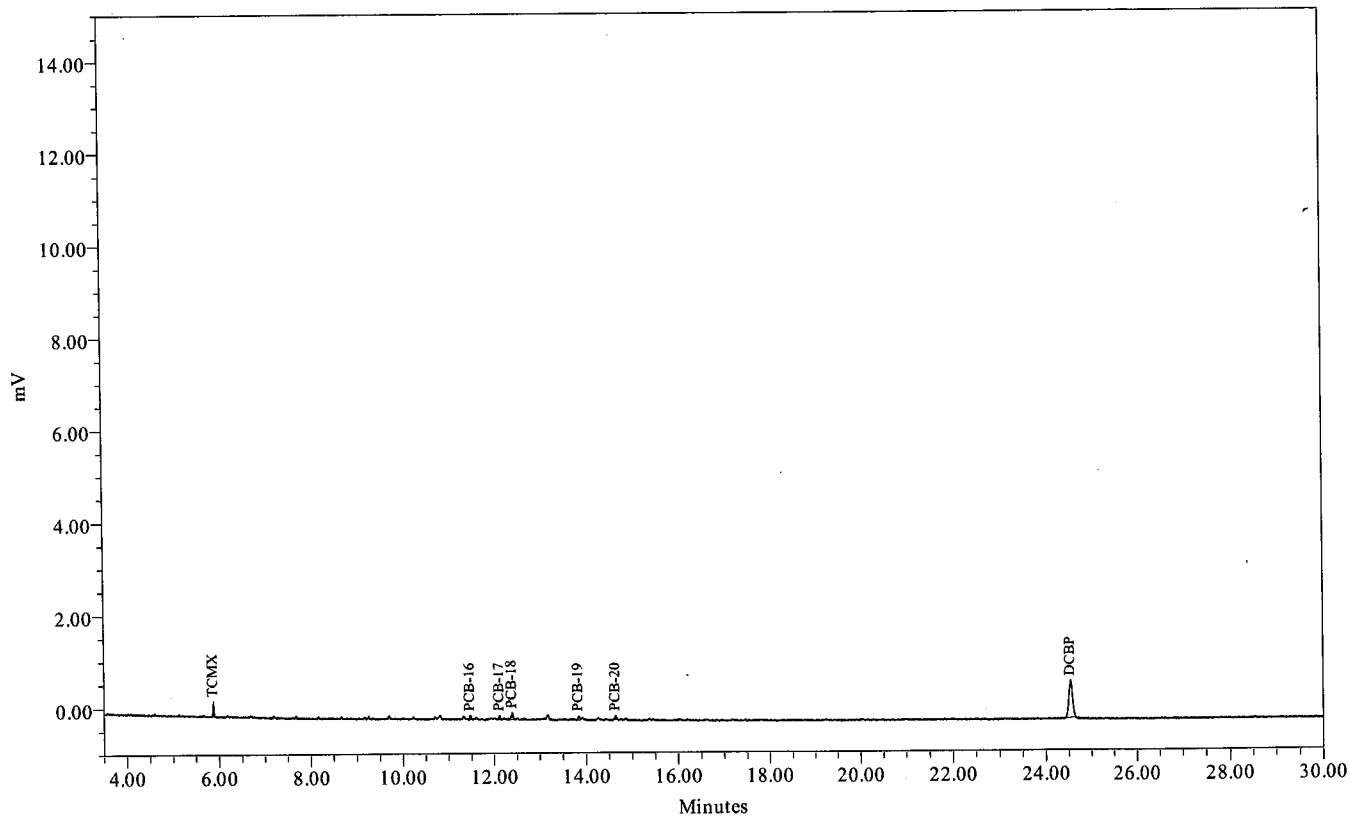
Sample Name:	120154A	Sample Amount:	1
Sample ID:	A1254 20 PPB	Dilution:	1
Date Acquired:	12/02/2008 02:23:28 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:38:08 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:44:24 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	GC20F-308-28

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.882	bb	496	2.000
2	PCB-16	11.475	bb	183	
3	PCB-17	12.121	bb	166	
4	PCB-18	12.395	bb	303	
5	PCB-19	13.841	bb	200	
6	PCB-20	14.644	bb	217	
7	DCBP	24.542	bb	4381	20.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	1069	20.000
2	A1254-17/18	600	20.000
3	A1254-19/20	652	20.000
4	A1254-20	852	20.000
5	A1260	217	
6	A1260-23/24	217	
7	A1262	217	



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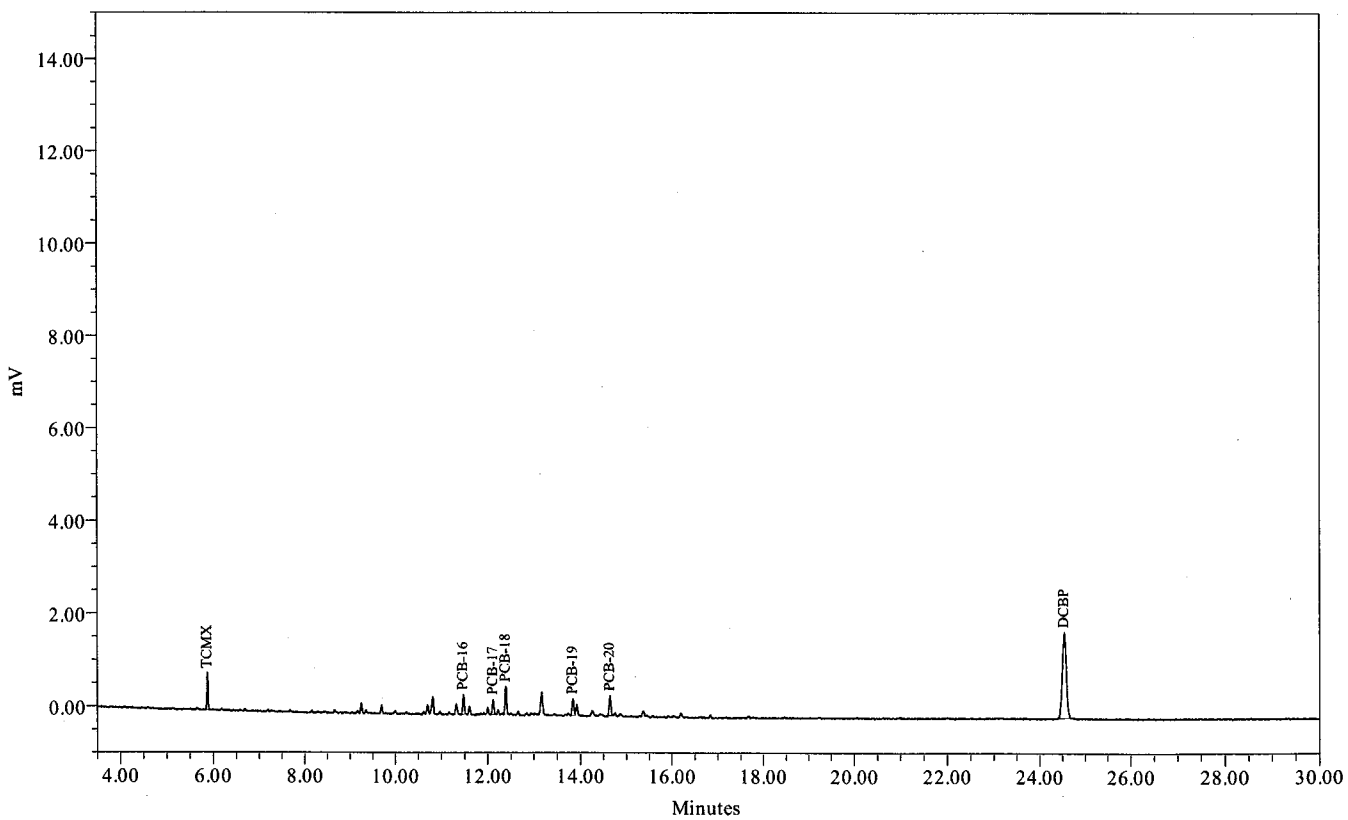
Sample Name:	120154B	Sample Amount:	1
Sample ID:	A1254 100 PPB	Dilution:	1
Date Acquired:	12/02/2008 02:56:05 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:33:38 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:44:49 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	GC20F-308-29

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.880	bb	1233	5.000
2	PCB-16	11.478	bb	1027	
3	PCB-17	12.119	bb	741	
4	PCB-18	12.394	bb	1409	
5	PCB-19	13.841	bV	998	
6	PCB-20	14.644	bb	1134	
7	DCBP	24.547	bb	11268	50.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	5309	100.000
2	A1254-17/18	3159	100.000
3	A1254-19/20	3176	100.000
4	A1254-20	4175	100.000
5	A1260	1134	
6	A1260-23/24	1134	
7	A1262	1134	



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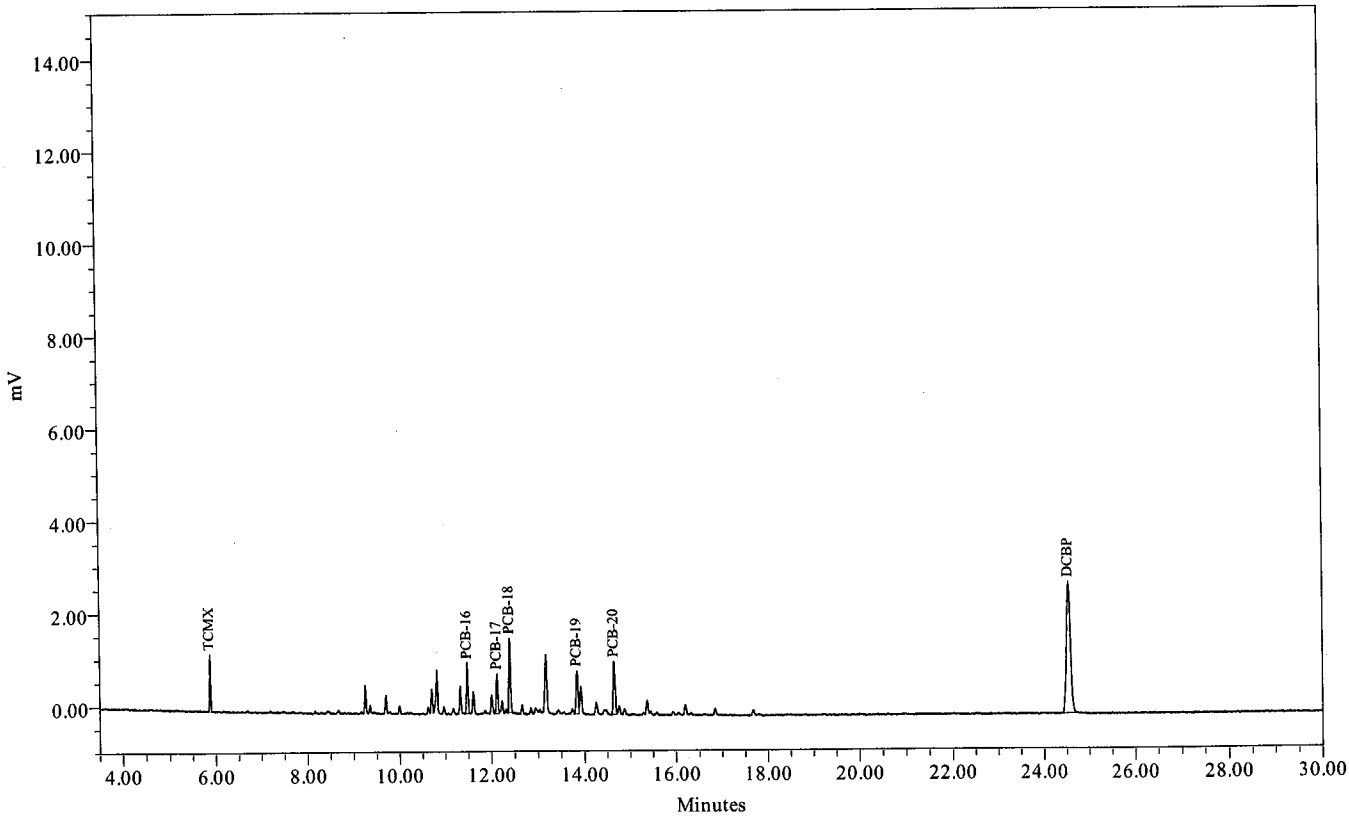
Sample Name:	120154C	Sample Amount:	1
Sample ID:	A1254 250 PPB	Dilution:	1
Date Acquired:	12/02/2008 03:28:40 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:34:08 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:44:51 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	GC20F-308-30

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.883	bb	1879	8.000
2	PCB-16	11.481	bb	2474	
3	PCB-17	12.123	bV	1989	
4	PCB-18	12.397	Bb	3604	
5	PCB-19	13.847	bV	2500	
6	PCB-20	14.648	bV	3193	
7	DCBP	24.547	bb	16857	80.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	13761	250.000
2	A1254-17/18	8168	250.000
3	A1254-19/20	8068	250.000
4	A1254-20	10568	250.000
5	A1260	3193	
6	A1260-23/24	3193	
7	A1262	3193	



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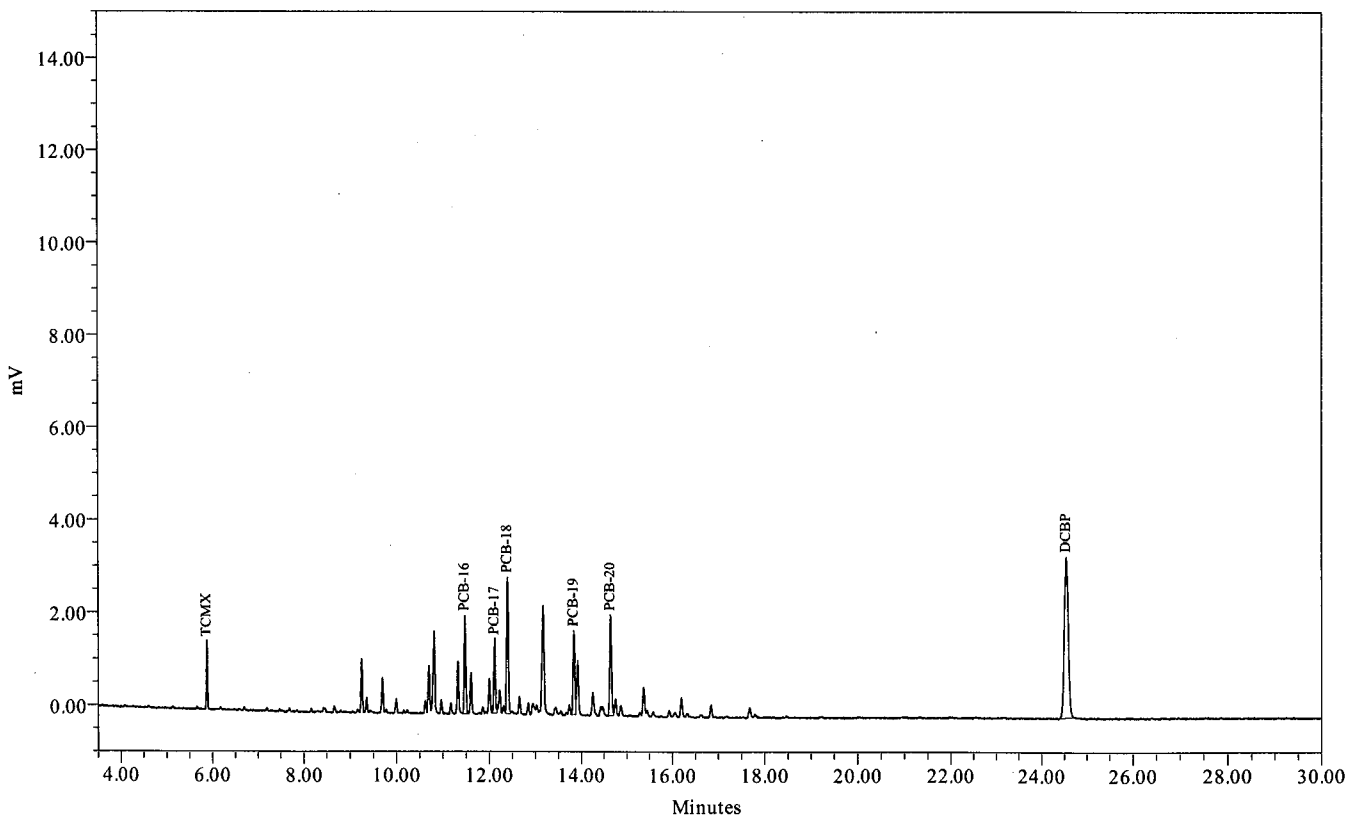
Sample Name:	120154D	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 04:01:17 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:34:43 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:45:08 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	GC20F-308-31

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.883	bb	2291	10.000
2	PCB-16	11.480	Vb	4769	
3	PCB-17	12.122	bV	3756	
4	PCB-18	12.396	Vv	7088	
5	PCB-19	13.844	bV	4851	
6	PCB-20	14.645	bV	6130	
7	DCBP	24.545	bb	20901	100.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	26594	500.000
2	A1254-17/18	15750	500.000
3	A1254-19/20	15613	500.000
4	A1254-20	20464	500.000
5	A1260	6130	
6	A1260-23/24	6130	
7	A1262	6130	



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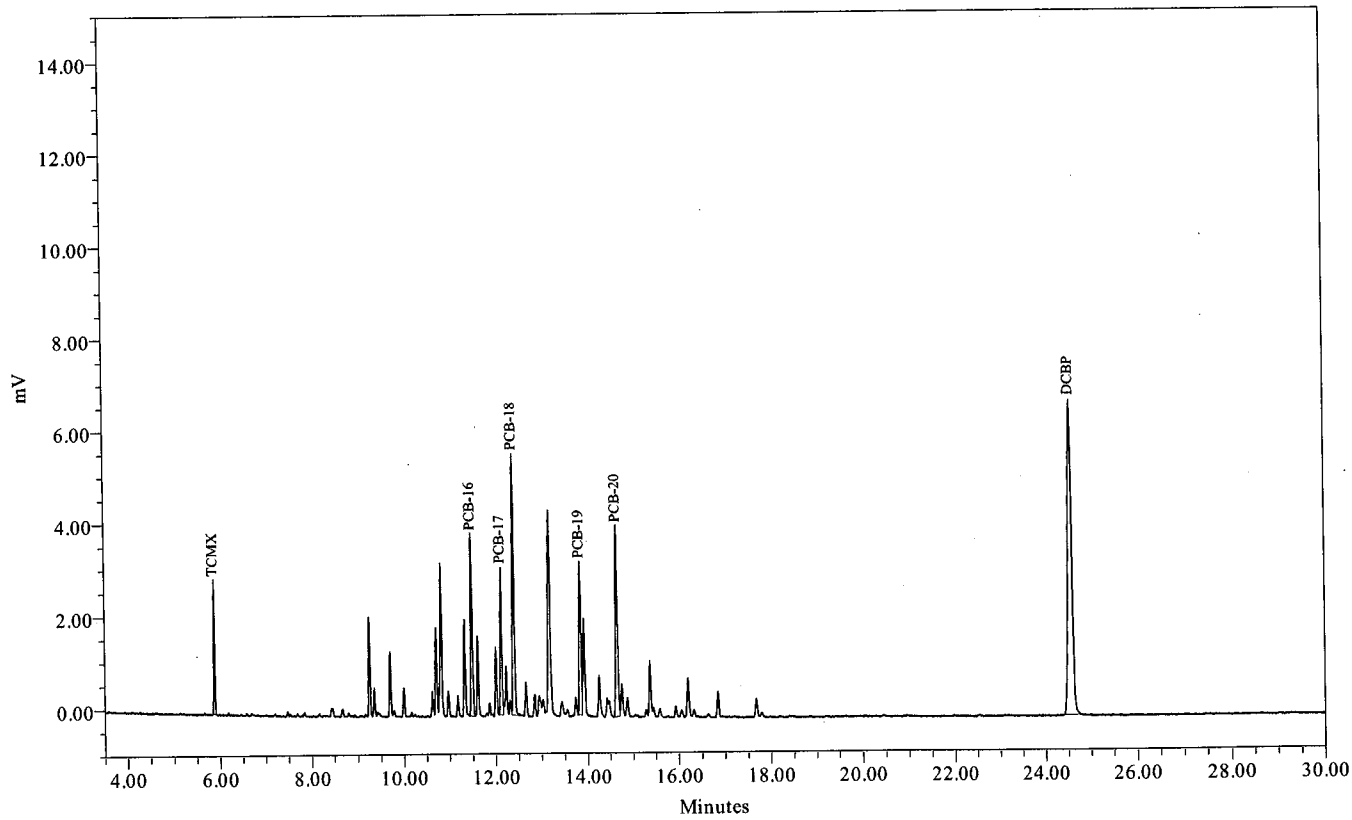
Sample Name:	120154E	Sample Amount:	1
Sample ID:	A1254 1000 PPB	Dilution:	1
Date Acquired:	12/02/2008 04:33:53 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 09:35:38 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:45:16 US/Eastern
Report Name:	CalStd_rpt_plt_1254	LIMS File ID:	GC20F-308-32

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL
1	TCMX	5.884	bb	4462	20.000
2	PCB-16	11.482	bV	8990	
3	PCB-17	12.124	bV	7239	
4	PCB-18	12.397	Vb	13598	
5	PCB-19	13.845	bV	9167	
6	PCB-20	14.649	bV	11772	
7	DCBP	24.550	bb	40899	200.000

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	50766	1000.000
2	A1254-17/18	29929	1000.000
3	A1254-19/20	29827	1000.000
4	A1254-20	38995	1000.000
5	A1260	11772	
6	A1260-23/24	11772	
7	A1262	11772	



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System Name:	Instrument_20_Ch01	Date Calibrated:	12/02/2008 11:53:00 EST
Sample Set Name:	GC20F_8082CC_120108	Method Report:	CCSum by RF 02
Sample Set Date:	12/01/2008 11:34:19 EST	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108		

Calibration Component Summary Table
Component Summary For RF

	Sample Name	A1260	A1260-20	A1260-23/24
1	120160A	54.6497	37.6992	45.4715
2	120160B	59.1332	41.3118	50.7937
3	120160C	56.4915	40.1811	47.1720
4	120160D	56.4082	40.2571	46.8807
5	120160E	55.0999	39.2269	45.3724
Mean		56.356	39.735	47.138
Std. Dev.		1.748	1.357	2.198
%RSD		3.10	3.41	4.66

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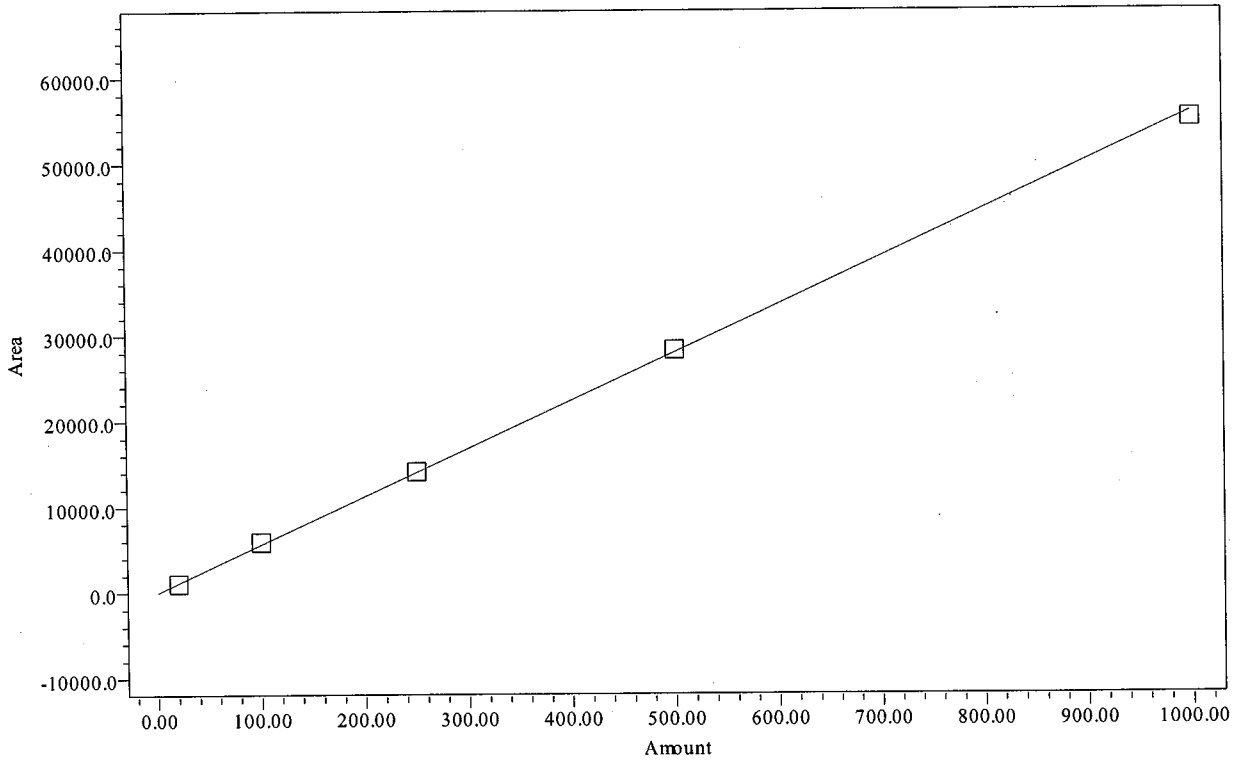
Name:	A1260	Coefficient constant A:	47.535586
System Name:	Instrument_20_Ch01	Coefficient first Order B:	55.719497
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999806
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999611

Calibration Curve



Point Table
Peak: A1260

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260	20.00	1093	18.8	-6.186	No	No
2	A1260	100.00	5913	105.3	5.273	No	No
3	A1260	250.00	14123	252.6	1.044	No	No
4	A1260	500.00	28204	505.3	1.065	No	No
5	A1260	1000.00	55100	988.0	-1.197	No	No

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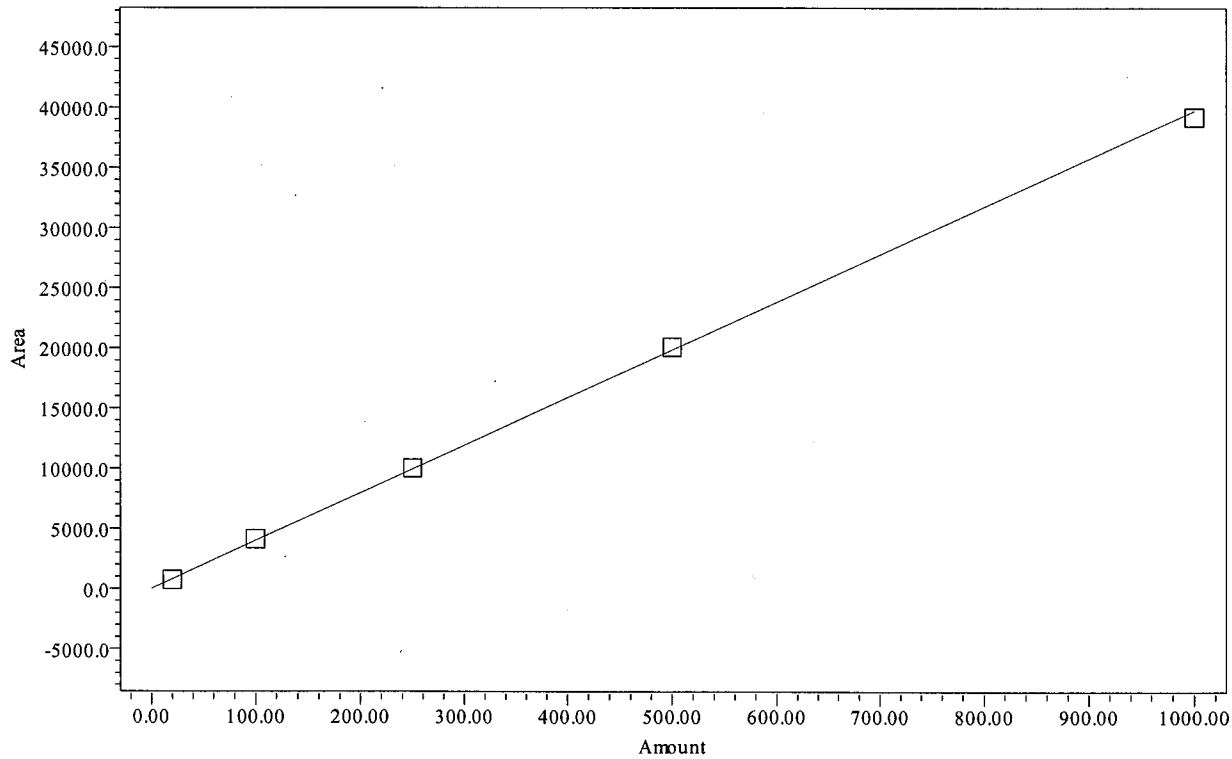
Name:	A1260-20	Coefficient constant A:	0.946132
System Name:	Instrument_20_Ch01	Coefficient first Order B:	39.722543
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999836
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999672

Calibration Curve



Point Table
Peak: A1260-20

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260-20	20.00	754	19.0	-5.213	No	No
2	A1260-20	100.00	4131	104.0	3.977	No	No
3	A1260-20	250.00	10045	252.9	1.145	No	No
4	A1260-20	500.00	20129	506.7	1.341	No	No
5	A1260-20	1000.00	39227	987.5	-1.250	No	No

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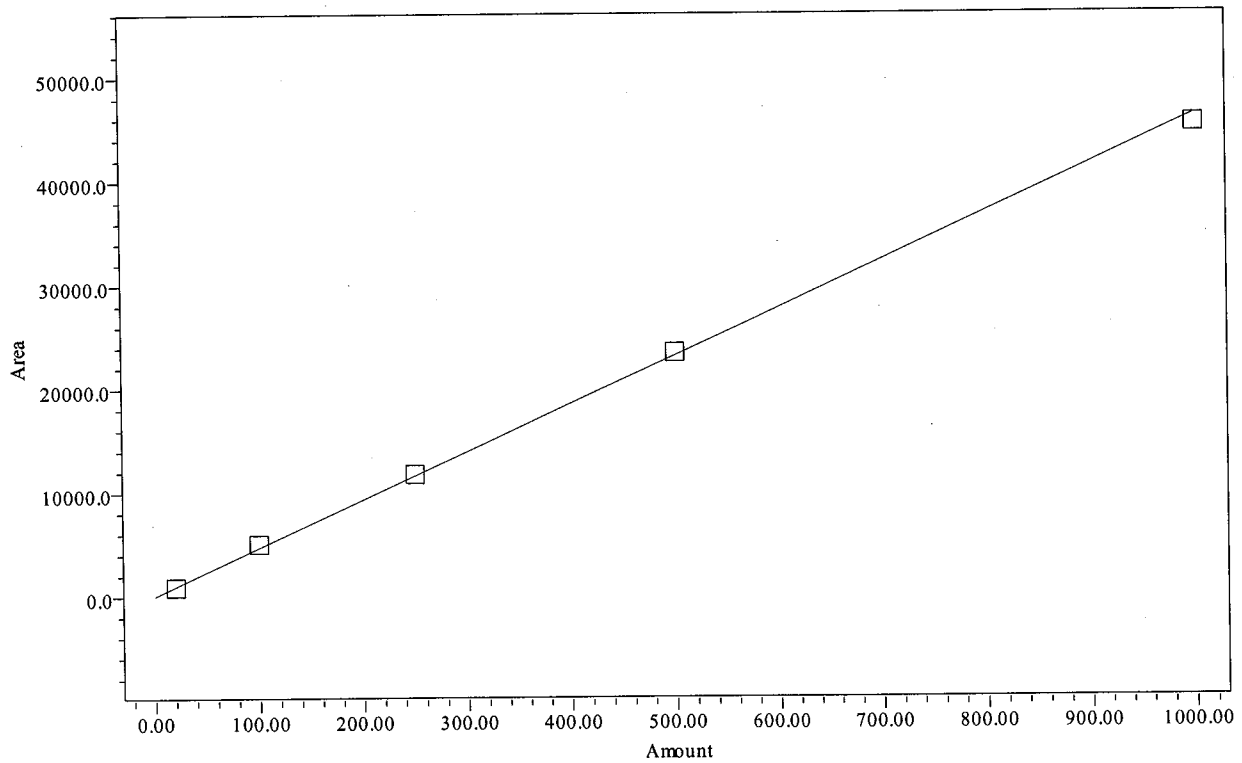
Name:	A1260-23/24	Coefficient constant A:	77.456046
System Name:	Instrument_20_Ch01	Coefficient first Order B:	46.100156
Date Calibrated:	12/02/2008 11:53:00 EST	Coefficient first Order C:	0.000000
Processing Method:	GC20F_8082CC_120108	Coefficient first Order D:	0.000000
Fit Type:	Linear (1st Order)	Correlation coefficient R:	0.999540
Method Report:	CCurve_Rpt	Coefficient of determination R^2:	0.999080

Calibration Curve



Point Table
Peak: A1260-23/24

	Name	Amount PPB	Response	Calc. Value	% Deviation	Manual	Ignore
1	A1260-23/24	20.00	909	18.0	-9.765	No	No
2	A1260-23/24	100.00	5079	108.5	8.501	No	No
3	A1260-23/24	250.00	11793	254.1	1.653	No	No
4	A1260-23/24	500.00	23440	506.8	1.357	No	No
5	A1260-23/24	1000.00	45372	982.5	-1.747	No	No

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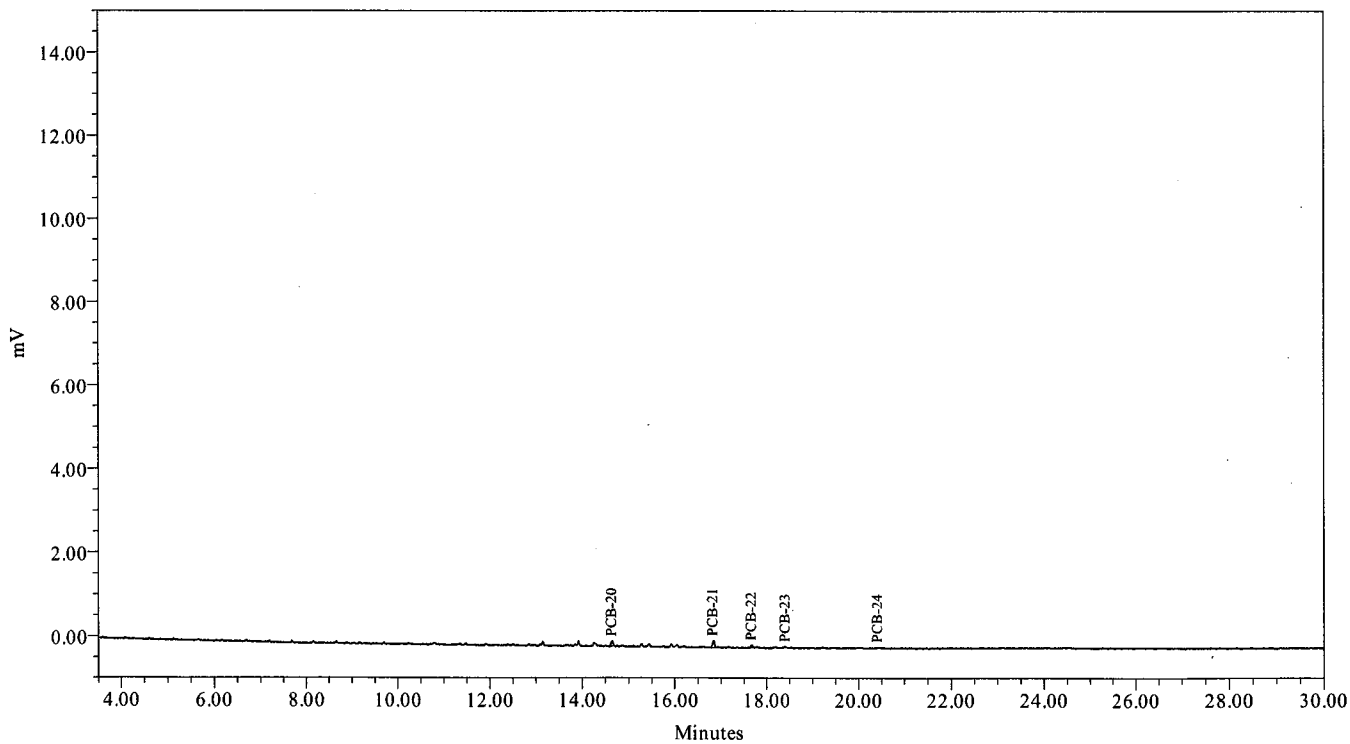
Sample Name:	120160A	Sample Amount:	1
Sample ID:	A1260 20 PPB	Dilution:	1
Date Acquired:	12/02/2008 05:06:29 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:50:23 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:42:41 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-33

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.647	bb	339
2	PCB-21	16.839	bb	438
3	PCB-22	17.682	bb	132
4	PCB-23	18.418	bb	97
5	PCB-24	20.431	bb	86

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	339	
2	A1254-17/18	339	
3	A1260	1093	20.000
4	A1260-20	754	20.000
5	A1260-23/24	909	20.000
6	A1262	1093	
7	A1268	184	



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Phone: (518) 346-4592 Fax: (518) 381-6055
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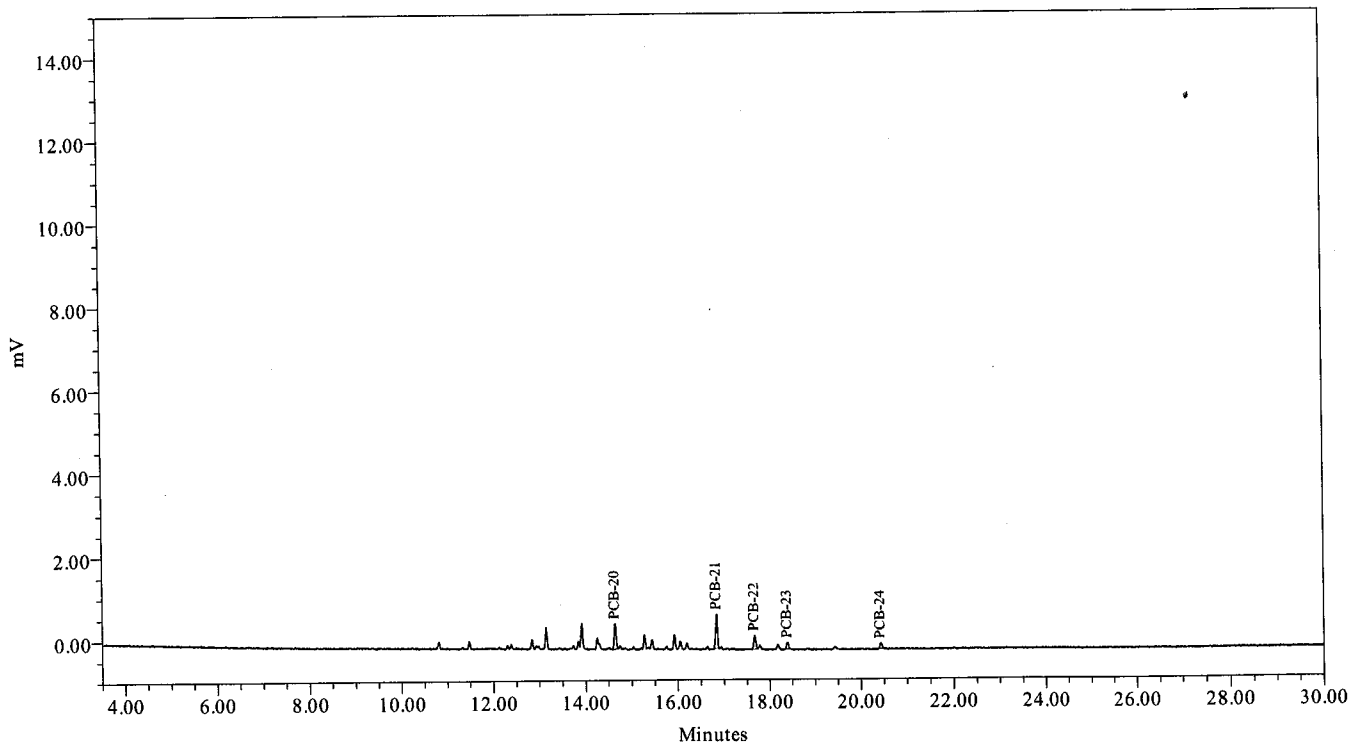
Sample Name:	120160B	Sample Amount:	1
Sample ID:	A1260 100 PPB	Dilution:	1
Date Acquired:	12/02/2008 05:39:05 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:50:52 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:42:49 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-34

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.646	bb	1782
2	PCB-21	16.841	bb	2231
3	PCB-22	17.672	bb	1066
4	PCB-23	18.394	bb	453
5	PCB-24	20.430	bb	381

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	1782	
2	A1254-17/18	1782	
3	A1260	5913	100.000
4	A1260-20	4131	100.000
5	A1260-23/24	5079	100.000
6	A1262	5913	
7	A1268	834	



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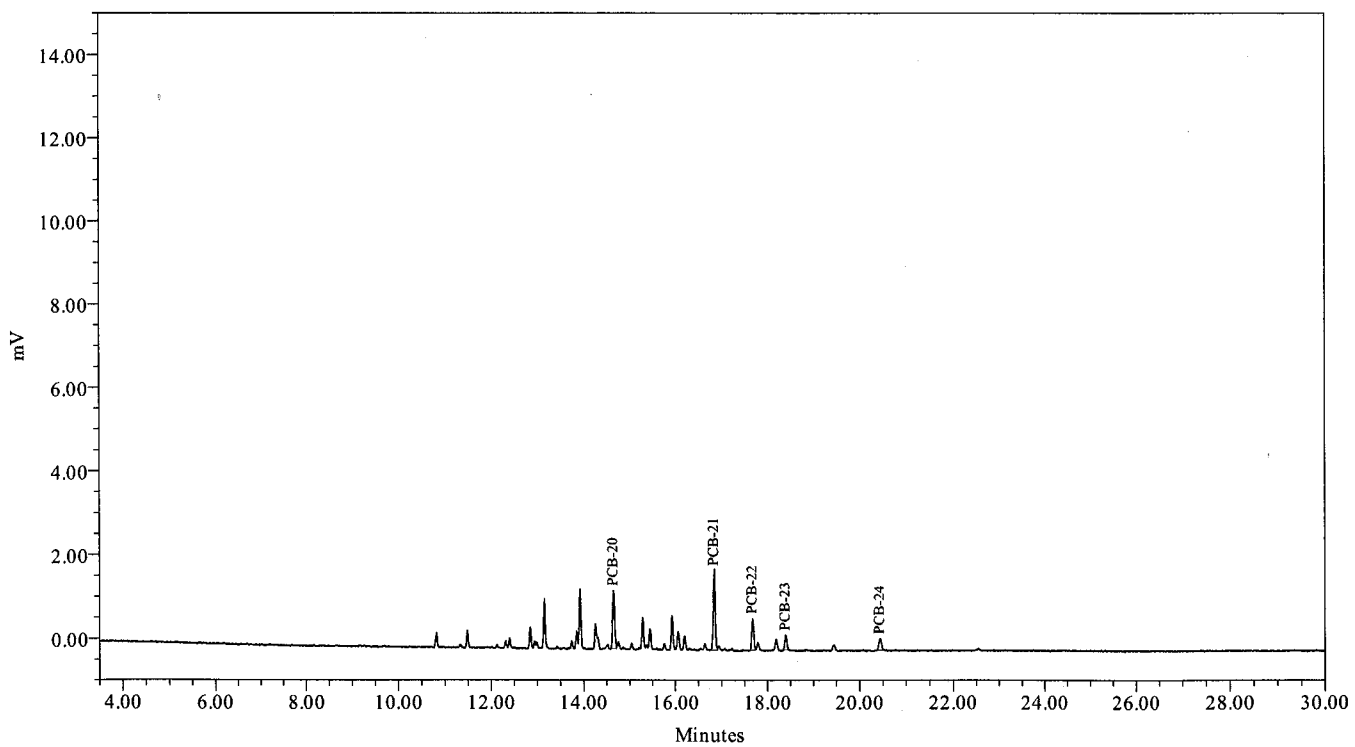
Sample Name:	120160C	Sample Amount:	1
Sample ID:	A1260 250 PPB	Dilution:	1
Date Acquired:	12/02/2008 06:11:41 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:52:03 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:43:06 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-35

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.650	bV	4078
2	PCB-21	16.845	bv	5313
3	PCB-22	17.681	bV	2402
4	PCB-23	18.400	bb	1197
5	PCB-24	20.441	bb	1133

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	4078	
2	A1254-17/18	4078	
3	A1260	14123	250.000
4	A1260-20	10045	250.000
5	A1260-23/24	11793	250.000
6	A1262	14123	
7	A1268	2330	



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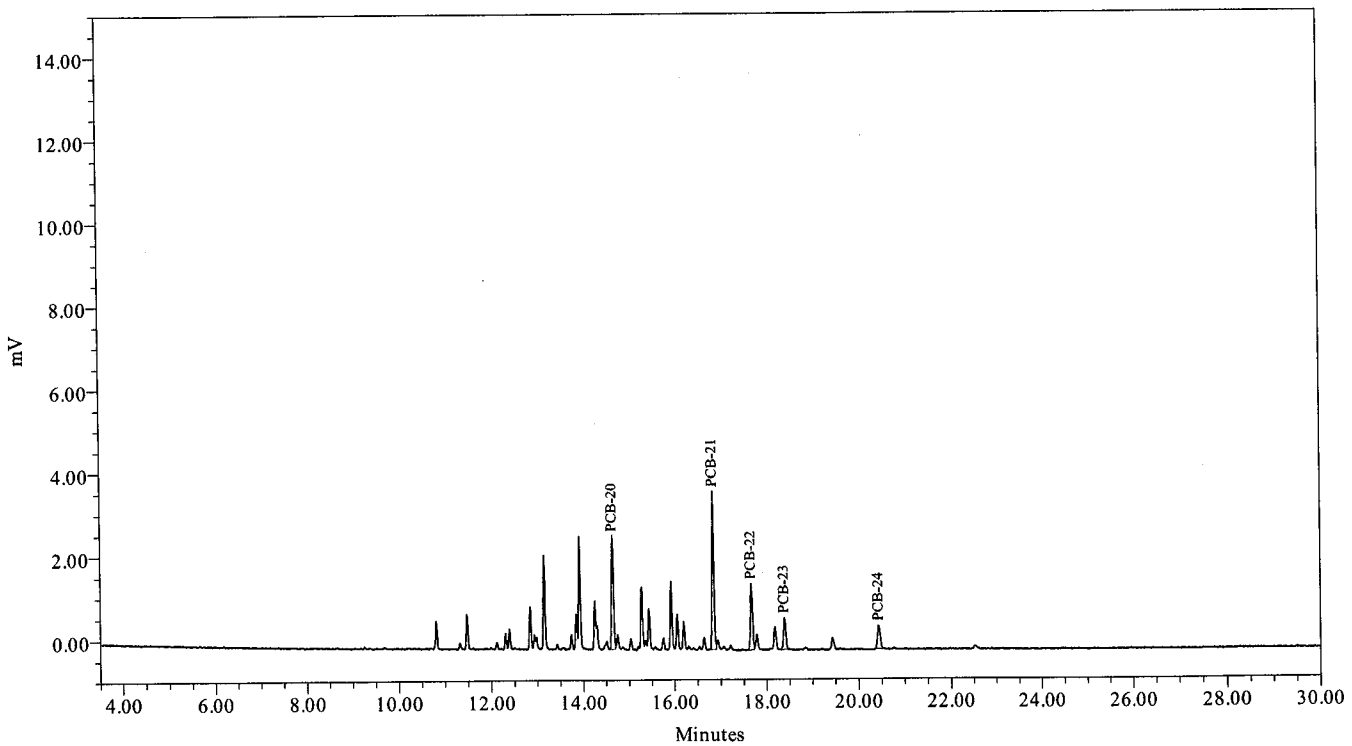
Sample Name:	120160D	Sample Amount:	1
Sample ID:	A1260 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 06:44:18 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:52:28 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:43:14 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-36

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.644	bV	8076
2	PCB-21	16.840	bV	10479
3	PCB-22	17.674	bV	4885
4	PCB-23	18.397	bb	2471
5	PCB-24	20.438	bb	2292

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	8076	
2	A1254-17/18	8076	
3	A1260	28204	500.000
4	A1260-20	20129	500.000
5	A1260-23/24	23440	500.000
6	A1262	28204	
7	A1268	4764	



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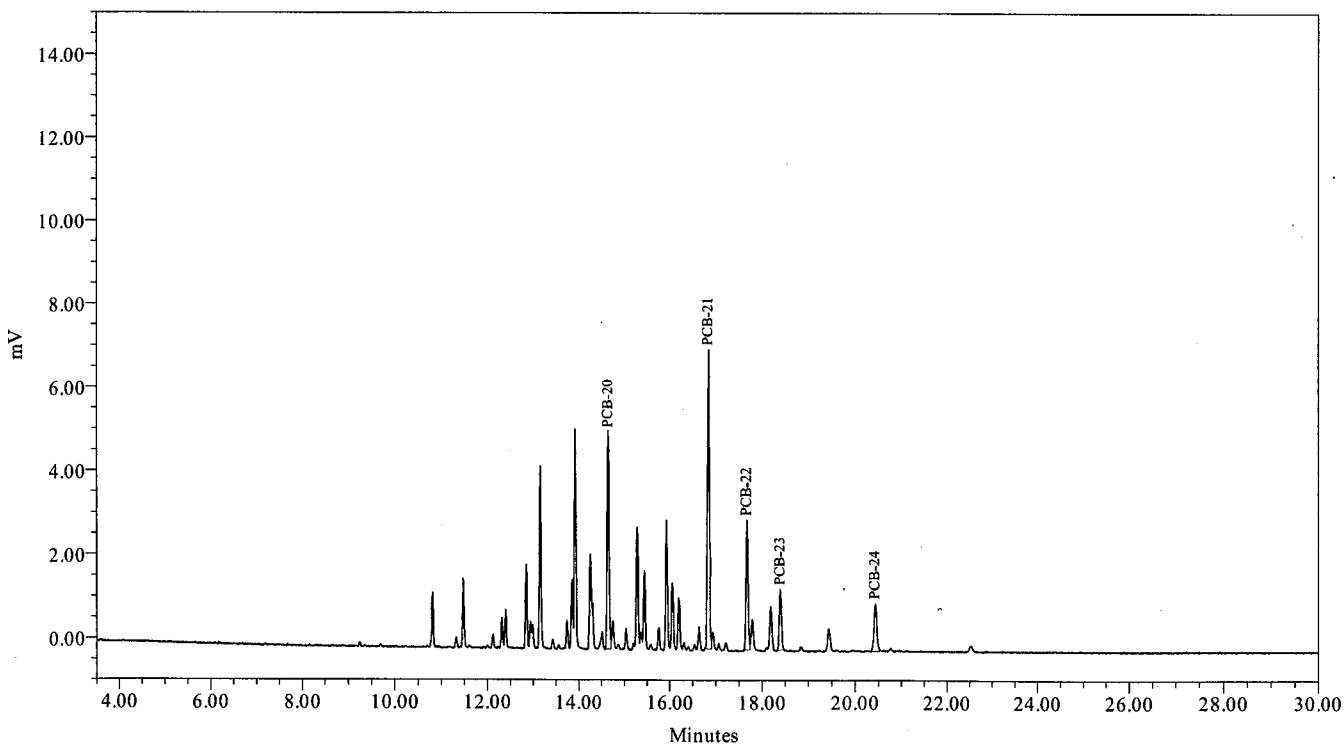
Sample Name:	120160E	Sample Amount:	1
Sample ID:	A1260 1000 PPB	Dilution:	1
Date Acquired:	12/02/2008 07:16:54 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 11:52:59 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:43:30 US/Eastern
Report Name:	CalStd_rpt_plt	LIMS File ID:	GC20F-308-37

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)
1	PCB-20	14.648	bV	15873
2	PCB-21	16.843	bV	20105
3	PCB-22	17.678	bV	9394
4	PCB-23	18.398	bb	4945
5	PCB-24	20.440	bb	4783

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL
1	A1254	15873	
2	A1254-17/18	15873	
3	A1260	55100	1000.000
4	A1260-20	39227	1000.000
5	A1260-23/24	45372	1000.000
6	A1262	55100	
7	A1268	9727	



Initial/Continuing Calibration Data

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 08120166
ELAP ID No: 11078
Instrument ID: GC20F
GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC20F-308-39	CS161201A	ICV	488	500	-2.49	12/02/2008 08:22:06
Aroclor 1221	GC20F-308-40	CS211201A	ICV	509	500	1.78	12/02/2008 08:54:42
Aroclor 1232	GC20F-308-41	CS321201A	ICV	471	500	-5.71	12/02/2008 09:27:18
Aroclor 1242	GC20F-308-42	CS421201A	ICV	462	500	-7.59	12/02/2008 09:59:53
Aroclor 1248	GC20F-308-43	CS481201A	ICV	486	500	-2.78	12/02/2008 10:32:29
Aroclor 1254	GC20F-308-44	CS541201A	ICV	486	500	-2.82	12/02/2008 11:05:06
Aroclor 1260	GC20F-308-45	CS601201A	ICV	490	500	-1.96	12/02/2008 11:37:42
Aroclor 1254	GC20F-326-62	CS541226B	CCV	488	500	-2.40	12/27/2008 19:45:37
Aroclor 1260	GC20F-326-72	CS601226B	CCV	492	500	-1.60	12/28/2008 01:11:40
Aroclor 1016	GC20F-326-82	CS161226C	CCV	476	500	-4.83	12/28/2008 06:37:44
Aroclor 1221	GC20F-326-88	CS211226C	CCV	500	500	-0.0418	12/28/2008 09:53:23

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 08120166
ELAP ID No: 11078
Instrument ID: GC20F
GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC20F-308-39	CS161201A	ICV	1	7.47	7.39	7.55
			ICV	2	7.84	7.76	7.92
			ICV	3	8.45	8.37	8.53
			ICV	4	8.66	8.58	8.74
			ICV	5	8.80	8.72	8.88
Aroclor 1221	GC20F-308-40	CS211201A	ICV	1	4.50	4.42	4.58
			ICV	2	5.72	5.64	5.80
			ICV	3	6.27	6.19	6.35
			ICV	4	6.46	6.38	6.54
			ICV	5	6.58	6.50	6.66
Aroclor 1232	GC20F-308-41	CS321201A	ICV	1	6.58	6.50	6.66
			ICV	2	7.84	7.76	7.92
			ICV	3	8.45	8.37	8.53
			ICV	4	8.66	8.58	8.74
			ICV	5	8.80	8.72	8.88
Aroclor 1242	GC20F-308-42	CS421201A	ICV	1	7.47	7.39	7.55
			ICV	2	7.84	7.76	7.92
			ICV	3	8.46	8.38	8.54
			ICV	4	8.66	8.58	8.74
			ICV	5	8.80	8.72	8.88
Aroclor 1248	GC20F-308-43	CS481201A	ICV	1	9.36	9.28	9.44
			ICV	2	10.00	9.92	10.08
			ICV	3	10.62	10.54	10.70
			ICV	4	10.78	10.70	10.86
			ICV	5	11.17	11.09	11.25
Aroclor 1254	GC20F-308-44	CS541201A	ICV	1	11.47	11.39	11.55
			ICV	2	12.12	12.04	12.20
			ICV	3	12.39	12.31	12.47
			ICV	4	13.84	13.76	13.92
			ICV	5	14.64	14.56	14.72
Aroclor 1260	GC20F-308-45	CS601201A	ICV	1	14.64	14.56	14.72
			ICV	2	16.84	16.76	16.92
			ICV	3	17.67	17.59	17.75
			ICV	4	18.39	18.31	18.47
			ICV	5	20.43	20.35	20.51

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 08120166
ELAP ID No: 11078
Instrument ID: GC20F
GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC20F-326-82	CS161226C	CCV	1	7.48	7.39	7.55
			CCV	2	7.85	7.76	7.92
			CCV	3	8.46	8.37	8.53
			CCV	4	8.67	8.58	8.74
			CCV	5	8.80	8.72	8.88
Aroclor 1221	GC20F-326-88	CS211226C	CCV	1	4.51	4.42	4.58
			CCV	2	5.72	5.64	5.80
			CCV	3	6.27	6.19	6.35
			CCV	4	6.47	6.38	6.54
			CCV	5	6.59	6.50	6.66
Aroclor 1254	GC20F-326-62	CS541226B	CCV	1	11.48	11.39	11.55
			CCV	2	12.13	12.04	12.20
			CCV	3	12.40	12.31	12.47
			CCV	4	13.85	13.76	13.92
			CCV	5	14.65	14.56	14.72
Aroclor 1260	GC20F-326-72	CS601226B	CCV	1	14.65	14.56	14.72
			CCV	2	16.84	16.76	16.92
			CCV	3	17.68	17.59	17.75
			CCV	4	18.40	18.31	18.47
			CCV	5	20.44	20.35	20.51

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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Phone: (518) 346-4592 Fax: (518) 381-6055
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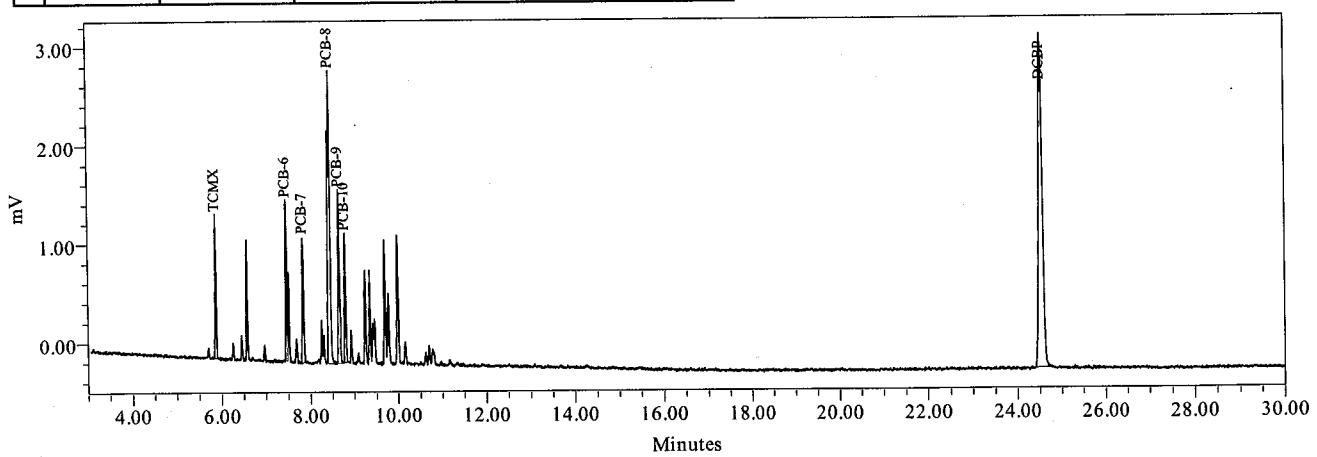
Sample Name:	CS161201A	Sample Amount:	1
Sample ID:	A1016 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 08:22:06 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:27:55 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:46:36 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-39

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.879	bb	2223	9.679	96.8	
2	PCB-6	7.467	bV	2740			
3	PCB-7	7.840	bb	2775			
4	PCB-8	8.454	bB	9418			
5	PCB-9	8.658	BB	3763			
6	PCB-10	8.795	Bb	2448			
7	DCBP	24.533	bb	20279	96.946		96.9

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	21144	487.550	-2.49	X	
2	A1232	18404	858.290	71.66		
3	A1232-8/9	5223	533.119	6.62		
4	A1242	21144	577.134	15.43		



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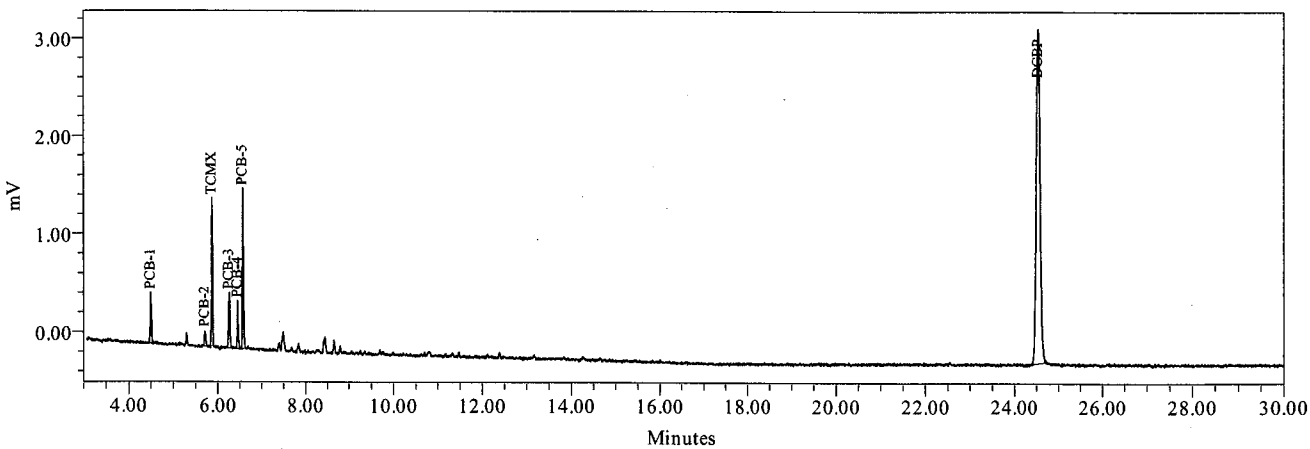
Sample Name:	CS211201A	Sample Amount:	1
Sample ID:	A1221 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 08:54:42 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:28:22 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:47:00 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-40

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-1	4.502	bb	746			
2	PCB-2	5.718	bb	341			
3	TCMX	5.881	bb	2274	9.910	99.1	
4	PCB-3	6.268	bb	1122			
5	PCB-4	6.461	bb	749			
6	PCB-5	6.581	bb	2861			
7	DCBP	24.539	bb	20745	99.231		99.2

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1221	5819	508.901	1.78	X	
2	A1221-2	5478	508.315	1.66		
3	A1221-5	2958	507.400	1.48		
4	A1232	2861	132.823	-73.44		
5	A1232-8/9	2861	293.863	-41.23		



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Phone: (518) 346-4592 Fax: (518) 381-6055
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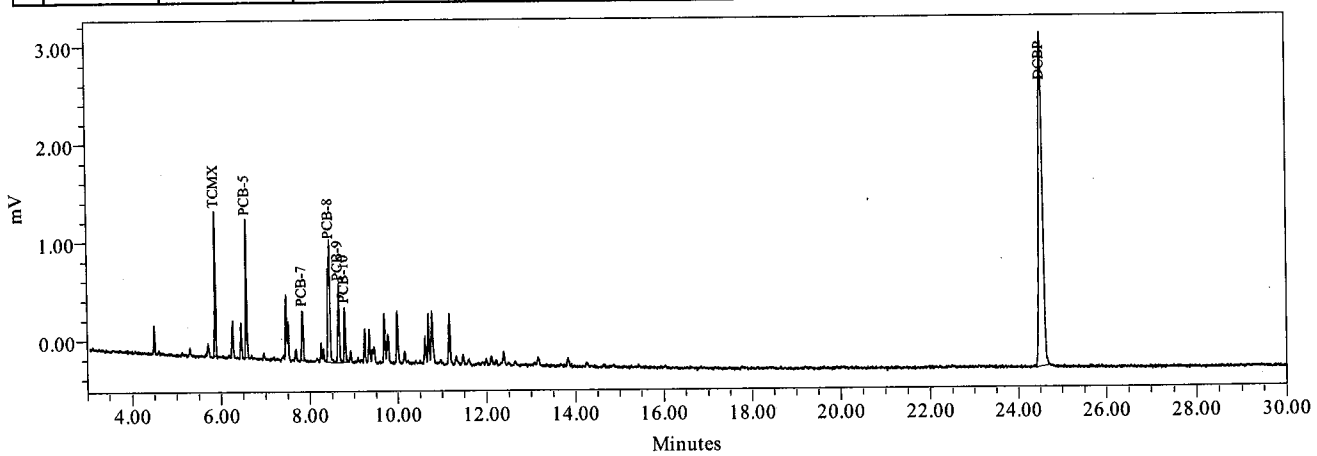
Sample Name:	CS321201A	Sample Amount:	1
Sample ID:	A1232 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 09:27:18 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:28:46 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:47:04 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-41

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.880	bb	2203	9.589	95.9	
2	PCB-5	6.580	bb	2324			
3	PCB-7	7.842	bb	1137			
4	PCB-8	8.455	bB	3898			
5	PCB-9	8.659	BB	1682			
6	PCB-10	8.797	Bb	1075			
7	DCBP	24.538	bb	20430	97.689		97.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff	Report	Note
1	A1016	7792	177.704	-64.46		
2	A1221	2324	202.620	-59.48		
3	A1221-2	2324	215.309	-56.94		
4	A1232	10116	471.461	-5.71	X	
5	A1232-8/9	4536	463.514	-7.30		
6	A1242	7792	212.168	-57.57		



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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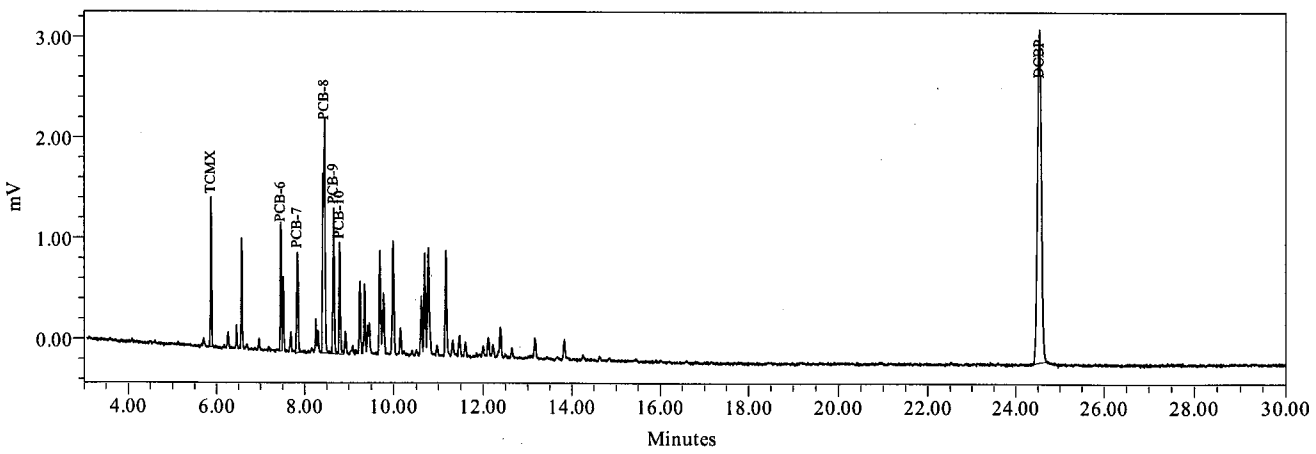
Sample Name:	CS421201A	Sample Amount:	1
Sample ID:	A1242 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 09:59:53 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:29:16 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:47:21 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-42

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.880	bb	2224	9.685	96.8	
2	PCB-6	7.468	bV	2189			
3	PCB-7	7.840	bb	2244			
4	PCB-8	8.455	bV	7328			
5	PCB-9	8.660	VV	3037			
6	PCB-10	8.796	VV	2137			
7	DCBP	24.538	bb	20196	96.541		96.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1016	16935	389.867	-22.03		
2	A1232	14745	687.521	37.50		
3	A1232-8/9	4380	447.771	-10.45		
4	A1242	16935	462.073	-7.59	X	



Northeast Analytical, Inc., 2190 Technology Drive, Schenectady, NY 12308
Phone: (518) 346-4592 Fax: (518) 381-6055
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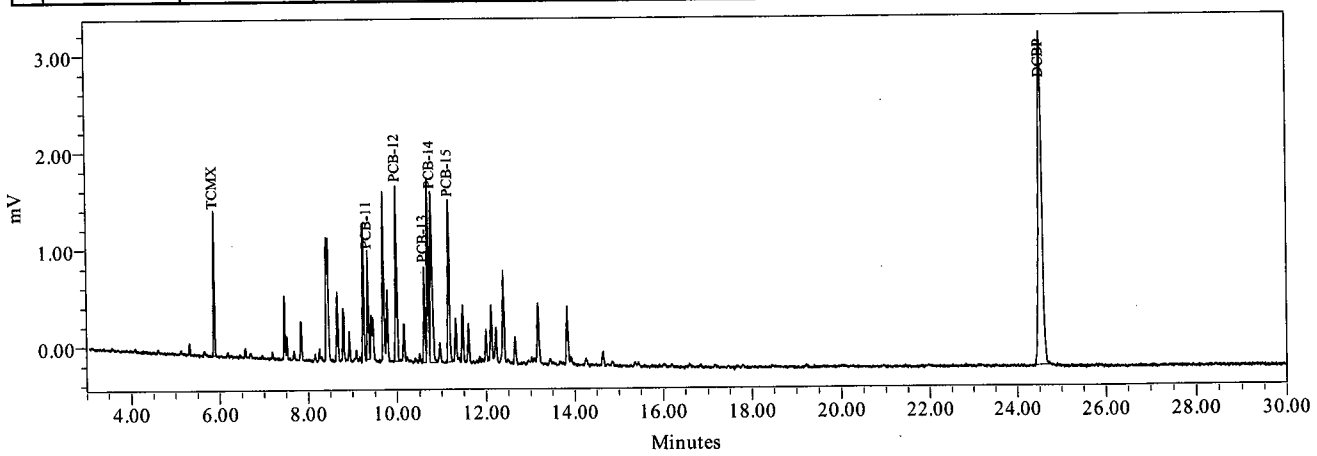
Sample Name:	CS481201A	Sample Amount:	1
Sample ID:	A1248 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 10:32:29 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:29:44 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:47:30 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-43

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.883	bb	2221	9.670	96.7	
2	PCB-11	9.358	bV	2083			
3	PCB-12	9.997	bb	3956			
4	PCB-13	10.624	bV	2129			
5	PCB-14	10.782	Vb	5273			
6	PCB-15	11.175	bb	3853			
7	DCBP	24.537	bb	20270	96.905		96.9

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1248	17295	486.091	-2.78	X	
2	A1248-11/15	11358	491.232	-1.75		
3	A1248-14/15	8168	486.291	-2.74		



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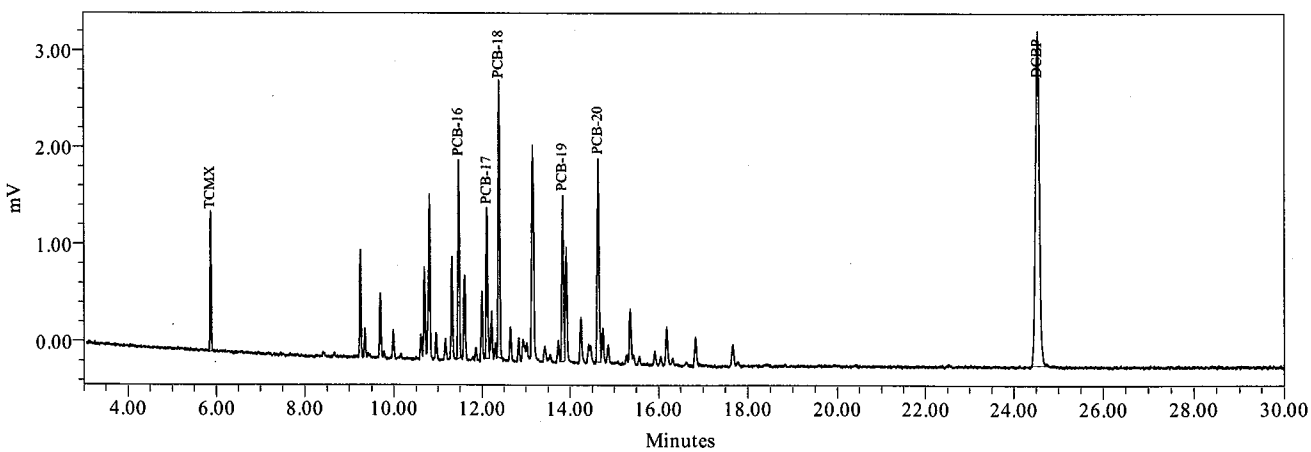
Sample Name:	CS541201A	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 11:05:06 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:30:15 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:47:50 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-44

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.879	bb	2294	9.997	100.0	
2	PCB-16	11.474	bb	4563			
3	PCB-17	12.116	bV	3612			
4	PCB-18	12.389	Bb	6599			
5	PCB-19	13.838	bV	4569			
6	PCB-20	14.640	bV	5964			
7	DCBP	24.530	bb	20524	98.148		98.1

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1254	25308	485.912	-2.82	X	
2	A1254-17/18	15096	490.367	-1.93		
3	A1254-19/20	14775	482.642	-3.47		
4	A1254-20	19344	482.756	-3.45		
5	A1260	5964	106.182	-78.76		
6	A1260-23/24	5964	127.689	-74.46		
7	A1262	5964		-100.00		



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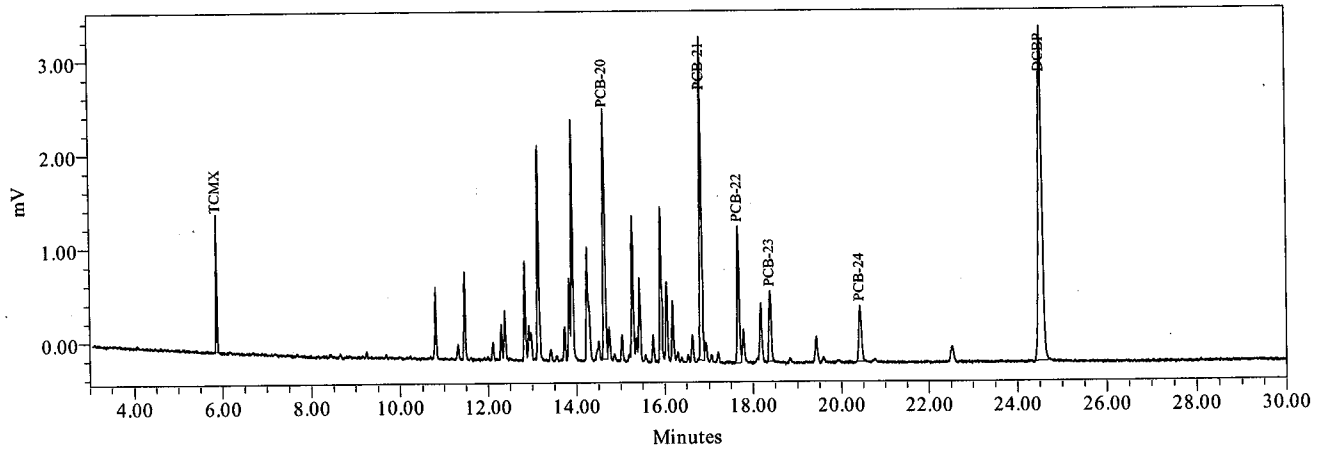
Sample Name:	CS601201A	Sample Amount:	1
Sample ID:	A1260 500 PPB	Dilution:	1
Date Acquired:	12/02/2008 11:37:42 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/02/2008 12:30:46 EST
Sample Set Name:	GC20F_8082CC_120108	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/11/2008
Run Time:	30.0 Minutes	Current Time:	09:48:13 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-308-45

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.878	bb	2221	9.668	96.7	
2	PCB-20	14.642	bV	8059			
3	PCB-21	16.837	bV	9779			
4	PCB-22	17.671	bV	4585			
5	PCB-23	18.392	bb	2508			
6	PCB-24	20.434	bb	2429			
7	DCBP	24.536	bb	20975	100.357		100.4

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff	Report	Note
1	A1254	8059	153.549	-69.29		
2	A1254-17/18	8059	261.303	-47.74		
3	A1260	27360	490.186	-1.96	X	
4	A1260-20	19301	485.883	-2.82		
5	A1260-23/24	22423	484.723	-3.06		
6	A1262	27360		-100.00		
7	A1268	4937		-100.00		



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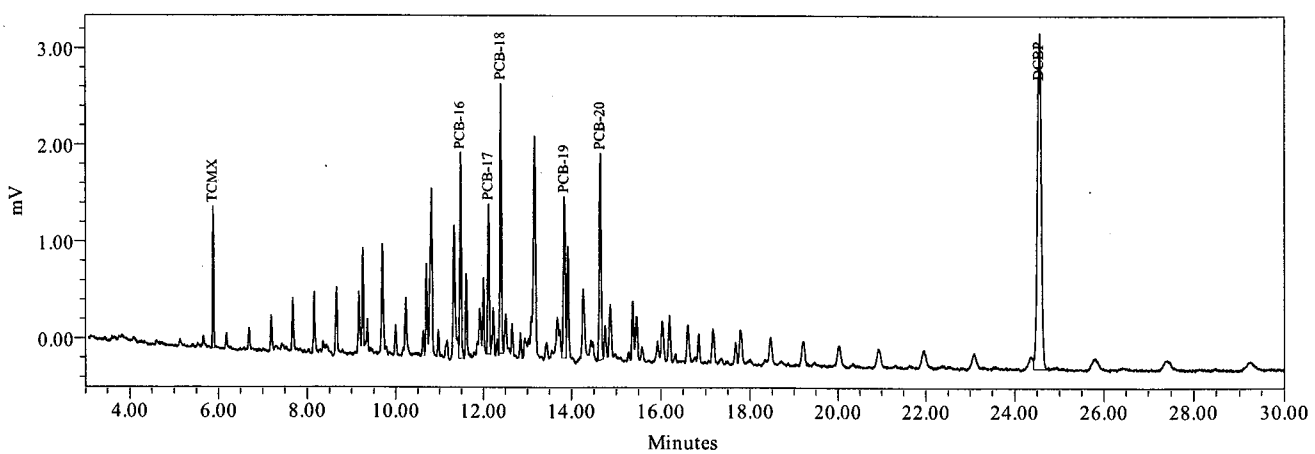
Sample Name:	CS541226B	Sample Amount:	1
Sample ID:	A1254 500 PPB	Dilution:	1
Date Acquired:	12/27/2008 19:45:37 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 04:53:58 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:14:34 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-326-62

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.886	bb	2175	9.462	94.6	
2	PCB-16	11.484	Vb	4889			
3	PCB-17	12.126	bV	3490			
4	PCB-18	12.400	BV	6441			
5	PCB-19	13.847	VV	4677			
6	PCB-20	14.650	bV	5919			
7	DCBP	24.552	vb	20728	99.145		99.1

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1254	25417	488.016	-2.40	X	
2	A1254-17/18	15486	503.040	0.61		
3	A1254-19/20	14821	484.157	-3.17		
4	A1254-20	19498	486.624	-2.68		
5	A1260	5919	105.376	-78.92		
6	A1260-23/24	5919	126.714	-74.66		
7	A1262	5919		-100.00		



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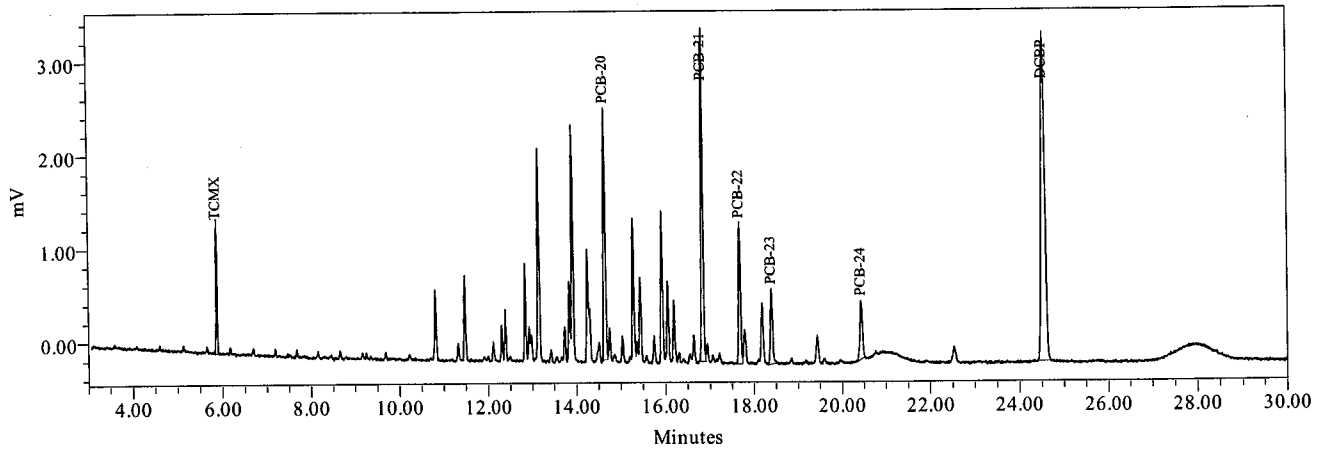
Sample Name:	CS601226B	Sample Amount:	1
Sample ID:	A1260 500 PPB	Dilution:	1
Date Acquired:	12/28/2008 01:11:40 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 04:54:29 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:14:50 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-326-72

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.882	bb	2231	9.714	97.1	
2	PCB-20	14.647	bV	7902			
3	PCB-21	16.843	bV	9778			
4	PCB-22	17.679	bV	4601			
5	PCB-23	18.401	bb	2769			
6	PCB-24	20.444	bb	2414			
7	DCBP	24.548	bb	20846	99.726		99.7

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff.	Report	Note
1	A1254	7902	150.518	-69.90		
2	A1254-17/18	7902	256.183	-48.76		
3	A1260	27463	492.025	-1.60	X	
4	A1260-20	19561	492.423	-1.52		
5	A1260-23/24	22280	481.621	-3.68		
6	A1262	27463		-100.00		
7	A1268	5183		-100.00		



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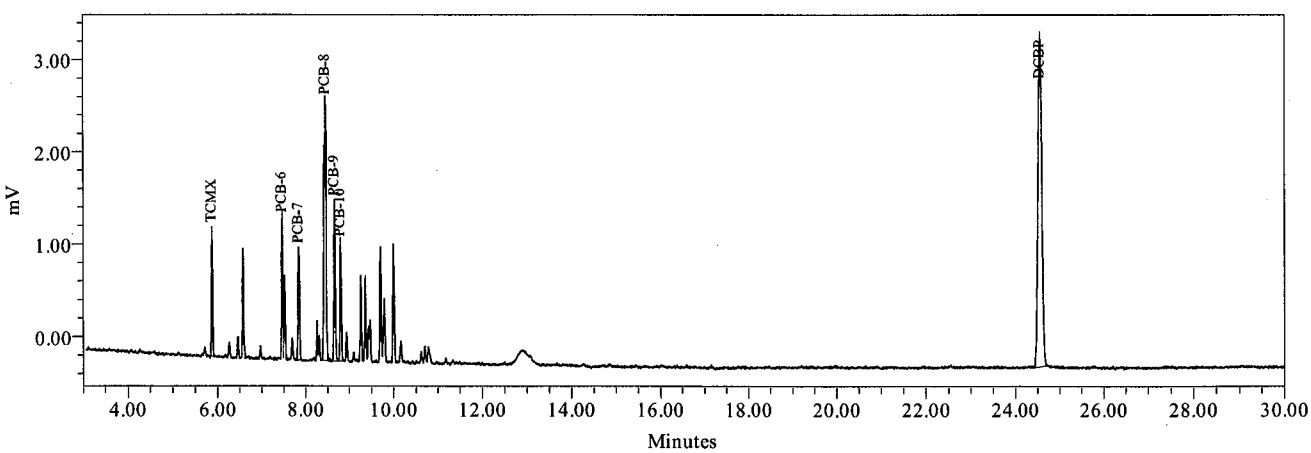
Sample Name:	CS161226C	Sample Amount:	1
Sample ID:	A1016 500 PPB	Dilution:	1
Date Acquired:	12/28/2008 06:37:44 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 04:54:53 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:14:54 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-326-82

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.886	bb	2163	9.410	94.1	
2	PCB-6	7.475	bV	2661			
3	PCB-7	7.848	bb	2721			
4	PCB-8	8.463	bB	9105			
5	PCB-9	8.667	BV	3693			
6	PCB-10	8.804	Vb	2460			
7	DCBP	24.561	bb	21330	102.099		102.1

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff	Report	Note
1	A1016	20640	475.871	-4.83	X	
2	A1232	17980	838.483	67.70		
3	A1232-8/9	5182	528.938	5.79		
4	A1242	20640	563.377	12.68		



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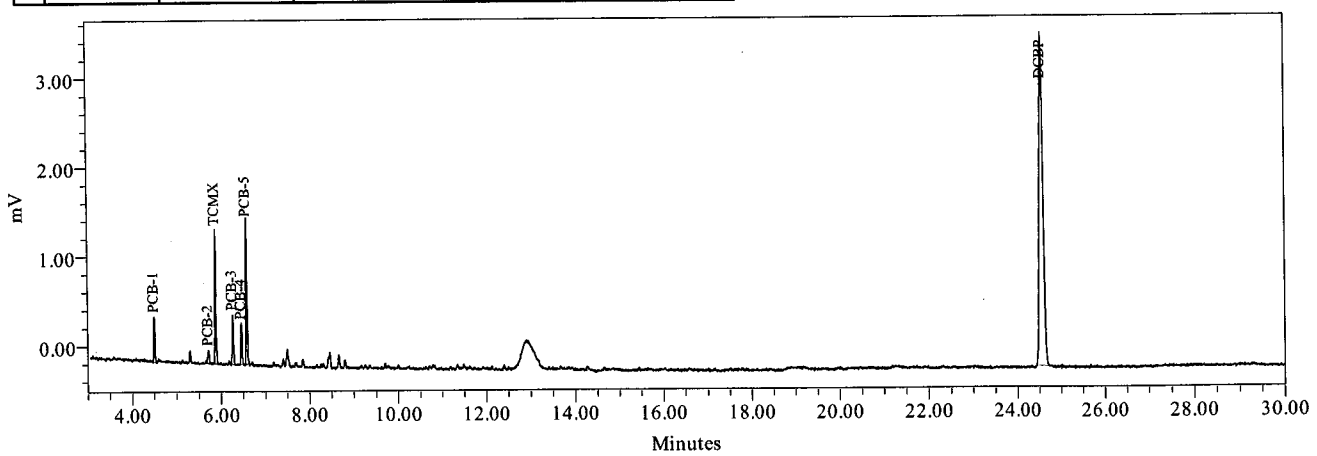
Sample Name:	CS211226C	Sample Amount:	1
Sample ID:	A1221 500 PPB	Dilution:	1
Date Acquired:	12/28/2008 09:53:23 EST	Extract Volume:	1
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 04:55:16 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:15:12 US/Eastern
Report Name:	ChkStd_Rpt_Plt_500_	LIMS File ID:	GC20F-326-88

Peak Results

	Peak Name	Ret Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX %Rec.	DCBP %Rec.
1	PCB-1	4.507	bb	778			
2	PCB-2	5.722	bb	341			
3	TCMX	5.887	bb	2290	9.980	99.8	
4	PCB-3	6.275	bb	1094			
5	PCB-4	6.468	bb	726			
6	PCB-5	6.588	bb	2776			
7	DCBP	24.558	bb	22306	106.881		106.9

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Cont. Check % Diff	Report	Note
1	A1221	5715	499.791	-0.04	X	
2	A1221-2	5374	498.657	-0.27		
3	A1221-5	2939	504.130	0.83		
4	A1232	2776	128.861	-74.23		
5	A1232-8/9	2776	285.265	-42.95		



QC Sample Raw Data

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-04MS
Matrix:	Soil	Client ID:	P2SL-40B-01 MS
Sample wt(Dry)/vol:	4.6494 g	Lab Sample ID:	AL20839M
Percent Moisture:	56.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	50
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-69

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	5.38	U
1	11104-28-2	Aroclor 1221	5.38	U
1	11141-16-5	Aroclor 1232	5.38	U
1	53469-21-9	Aroclor 1242	77.7	
1	12672-29-6	Aroclor 1248	5.38	U
1	11097-69-1	Aroclor 1254	5.38	U
1	11096-82-5	Aroclor 1260	5.38	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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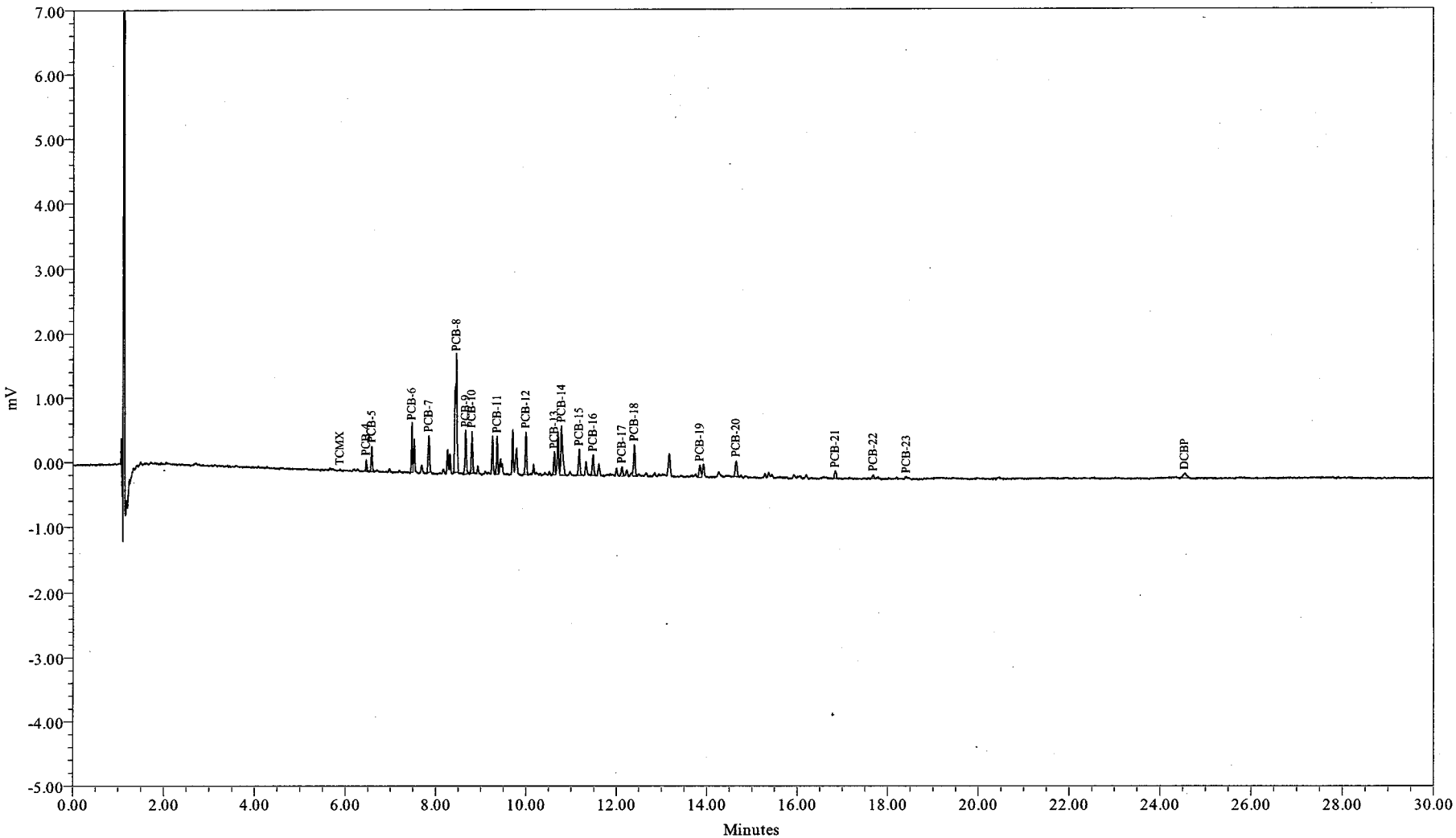

Sample Name:	AL20839M	Sample Amount (g) :	4.6490
Sample ID:	P2SL-40B-01 MS	Dilution:	1250
Date Acquired:	12/27/2008 23:33:51 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-69

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Sample Name:	AL20839M	Sample Amount (g) :	4.6490
Sample ID:	P2SL-40B-01 MS	Dilution:	1250
Date Acquired:	12/27/2008 23:33:51 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 11:07:23 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:00 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-69

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	56		0	
2	PCB-4	6.46	bb	299			
3	PCB-5	6.58	bb	651			
4	PCB-6	7.47	bV	1274			
5	PCB-7	7.85	bb	1292			
6	PCB-8	8.46	bb	5337			
7	PCB-9	8.66	Bb	1496			
8	PCB-10	8.80	Bb	1197			
9	PCB-11	9.36	bV	1139			
10	PCB-12	10.00	bb	1404			
11	PCB-13	10.63	bV	747			
12	PCB-14	10.78	Vb	2206			
13	PCB-15	11.17	bb	951			
14	PCB-16	11.48	bb	701			
15	PCB-17	12.12	bv	363			
16	PCB-18	12.40	vb	1142			
17	PCB-19	13.85	bV	537			
18	PCB-20	14.65	bb	686			
19	PCB-21	16.84	bb	319			
20	PCB-22	17.68	bb	138			
21	PCB-23	18.41	bb	66			
22	DCBP	24.55	bb	408			0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	10597	242.783	65.27831	5.38	NR	
2	A1221	950	82.194	22.09999	5.38	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
3	A1221-2	950	87.645	23.56560	5.38	NR	
4	A1221-5	299	51.519	13.85217	5.38	NR	
5	A1232	9973	464.777	124.96691	5.38	NR	
6	A1232-8/9	3140	322.133	86.61350	5.38	NR	
7	A1242	10597	288.824	77.65766	5.38	X	
8	A1248	6447	181.297	48.74636	5.38	NR	
9	A1248-11/15	4357	188.480	50.67757	5.38	NR	
10	A1248-14/15	3290	193.979	52.15606	5.38	NR	
11	A1254	3429	64.339	17.29902	5.38	NR	
12	A1254-17/18	1924	61.615	16.56668	5.38	NR	
13	A1254-19/20	2206	69.791	18.76514	5.38	NR	
14	A1254-20	2743	66.112	17.77598	5.38	NR	
15	A1260	1209	20.846	5.60496	5.38	NR	
16	A1260-20	523	13.146	3.53469	5.38	NR	
17	A1260-23/24	1143	23.105	6.21230	5.38	NR	
18	A1262	1209				NR	
19	A1268	66				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-04MSD
Matrix:	Soil	Client ID:	P2SL-40B-01 MSD
Sample wt(Dry)/vol:	4.5917 g	Lab Sample ID:	AL20839K
Percent Moisture:	56.6	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	40
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-70

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	4.36	U
1	11104-28-2	Aroclor 1221	4.36	U
1	11141-16-5	Aroclor 1232	4.36	U
1	53469-21-9	Aroclor 1242	71.1	
1	12672-29-6	Aroclor 1248	4.36	U
1	11097-69-1	Aroclor 1254	4.36	U
1	11096-82-5	Aroclor 1260	4.36	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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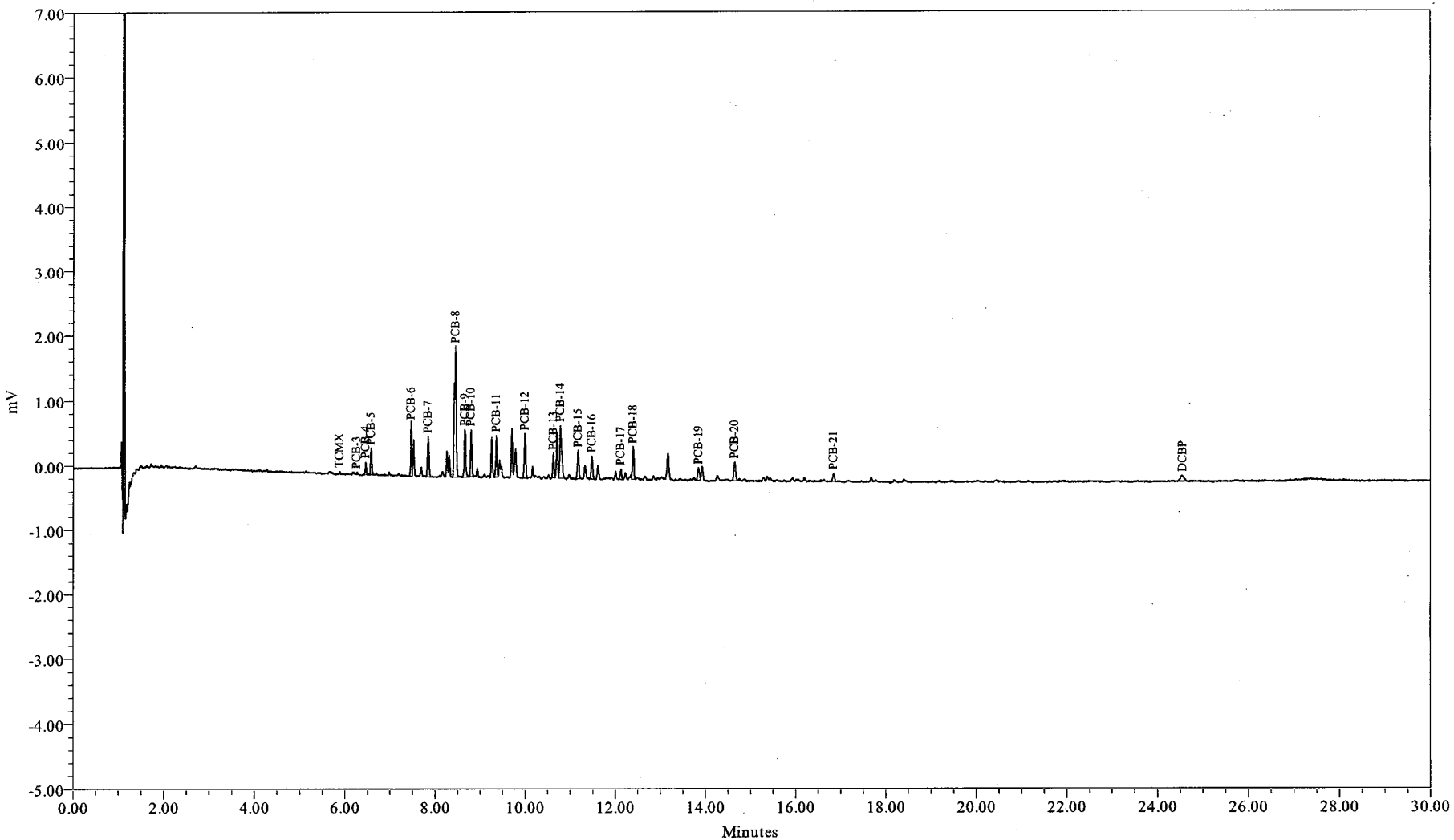

Sample Name:	AL20839K	Sample Amount (g) :	4.5920
Sample ID:	P2SL-40B-01 MSD	Dilution:	1000
Date Acquired:	12/28/2008 00:06:28 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-70

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Sample Name:	AL20839K	Sample Amount (g) :	4.5920
Sample ID:	P2SL-40B-01 MSD	Dilution:	1000
Date Acquired:	12/28/2008 00:06:28 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 09:51:39 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:18:02 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-70

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	72		0	
2	PCB-3	6.26	bb	77			
3	PCB-4	6.46	bb	335			
4	PCB-5	6.58	bb	674			
5	PCB-6	7.47	bV	1425			
6	PCB-7	7.85	bb	1492			
7	PCB-8	8.46	bB	6061			
8	PCB-9	8.66	BB	1674			
9	PCB-10	8.80	Bb	1327			
10	PCB-11	9.36	bV	1186			
11	PCB-12	10.00	bb	1542			
12	PCB-13	10.63	bV	808			
13	PCB-14	10.78	Vb	2343			
14	PCB-15	11.17	bb	979			
15	PCB-16	11.48	bb	763			
16	PCB-17	12.12	bV	364			
17	PCB-18	12.40	Vb	1208			
18	PCB-19	13.85	bV	523			
19	PCB-20	14.65	bb	797			
20	PCB-21	16.84	bb	321			
21	DCBP	24.56	bb	480			0

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	11979	274.872	59.85896	4.36	NR	
2	A1221	1087	94.201	20.51412	4.36	NR	
3	A1221-2	1087	100.373	21.85833	4.36	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	412	71.004	15.46256	4.36	NR	
5	A1232	11228	523.364	113.97290	4.36	NR	
6	A1232-8/9	3493	357.925	77.94543	4.36	NR	
7	A1242	11979	326.622	71.12849	4.36	X	
8	A1248	6858	192.834	41.99346	4.36	NR	
9	A1248-11/15	4693	203.025	44.21277	4.36	NR	
10	A1248-14/15	3536	208.729	45.45491	4.36	NR	
11	A1254	3656	68.706	14.96206	4.36	NR	
12	A1254-17/18	2083	66.792	14.54525	4.36	NR	
13	A1254-19/20	2336	74.044	16.12461	4.36	NR	
14	A1254-20	2859	69.011	15.02852	4.36	NR	
15	A1260	1118	19.219	4.18528	4.36	NR	
16	A1260-20	321	8.065	1.75638	4.36	NR	
17	A1260-23/24	1118	22.580	4.91725	4.36	NR	
18	A1262	1118				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-09MS
Matrix:	Sediment	Client ID:	P2SD-43B-01 MS
Sample wt(Dry)/vol:	3.9484 g	Lab Sample ID:	AL20844M
Percent Moisture:	61.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	7
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-77

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.886	U
1	11104-28-2	Aroclor 1221	0.886	U
1	11141-16-5	Aroclor 1232	0.886	U
1	53469-21-9	Aroclor 1242	12.6	
1	12672-29-6	Aroclor 1248	0.886	U
1	11097-69-1	Aroclor 1254	0.886	U
1	11096-82-5	Aroclor 1260	0.886	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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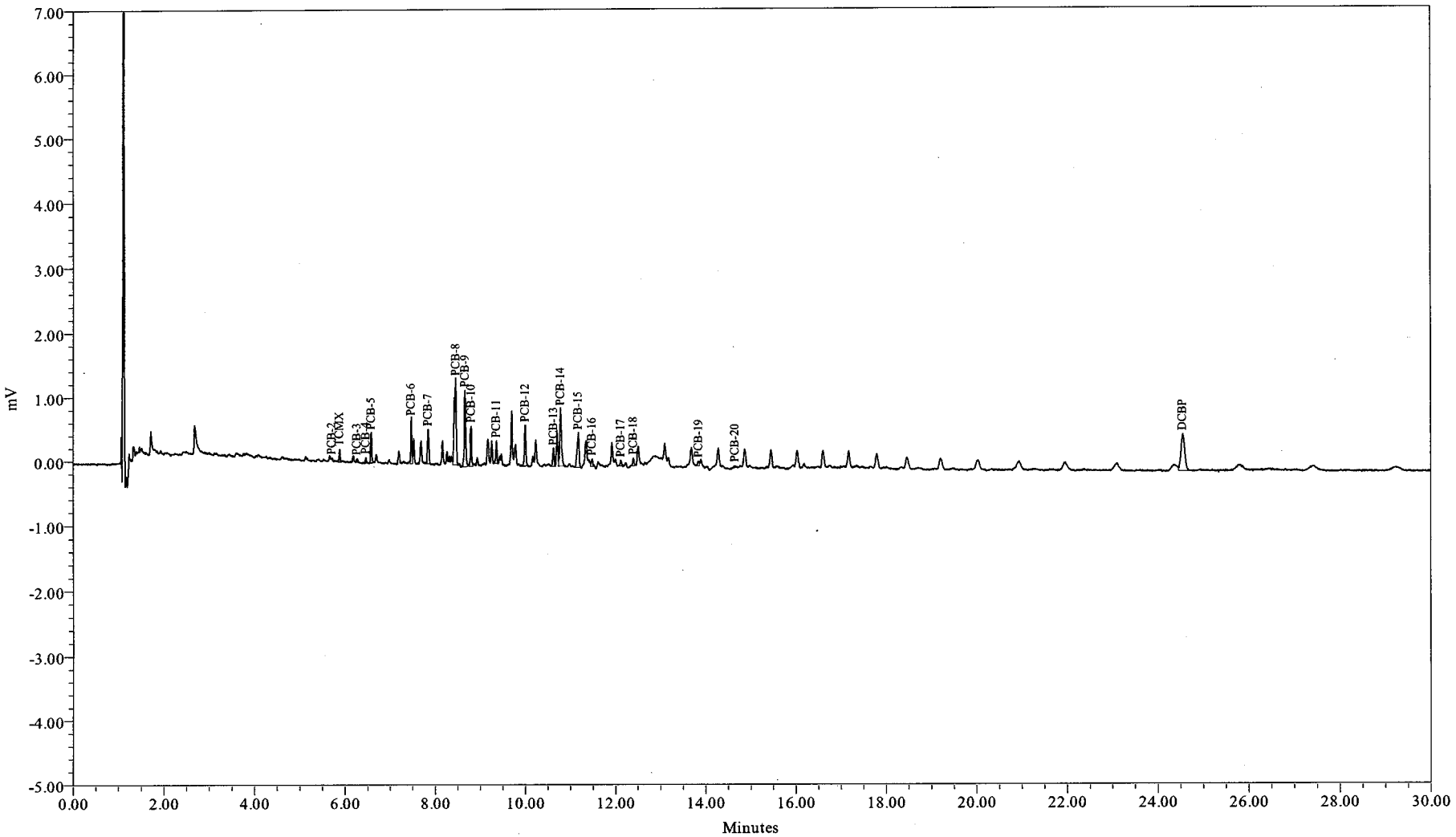

Sample Name:	AL20844M	Sample Amount (g) :	3.9480
Sample ID:	P2SD-43B-01 MS	Dilution:	175
Date Acquired:	12/28/2008 03:54:42 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-77

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Sample Name:	AL20844M	Sample Amount (g) :	3.9480
Sample ID:	P2SD-43B-01 MS	Dilution:	175
Date Acquired:	12/28/2008 03:54:42 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:44:35 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:03 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-77

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-2	5.71	bb	36			
2	TCMX	5.88	bb	336	1.184	82.9	
3	PCB-3	6.27	bb	115			
4	PCB-4	6.47	bb	134			
5	PCB-5	6.58	bv	800			
6	PCB-6	7.47	vV	1217			
7	PCB-7	7.85	bb	1234			
8	PCB-8	8.46	Vb	4193			
9	PCB-9	8.67	bv	2632			
10	PCB-10	8.80	Vv	1171			
11	PCB-11	9.36	vb	704			
12	PCB-12	10.00	bb	1395			
13	PCB-13	10.63	vB	616			
14	PCB-14	10.79	Vv	2405			
15	PCB-15	11.18	vb	1563			
16	PCB-16	11.48	Vv	245			
17	PCB-17	12.12	bb	185			
18	PCB-18	12.40	bb	278			
19	PCB-19	13.85	bv	157			
20	PCB-20	14.65	bb	61			
21	DCBP	24.55	vb	3338	13.930		97.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	10447	239.301	10.60732	0.886	NR	
2	A1221	1085	94.087	4.17051	0.886	NR	
3	A1221-2	1049	96.867	4.29374	0.886	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	285	49.241	2.18265	0.886	NR	
5	A1232	10030	467.428	20.71931	0.886	NR	
6	A1232-8/9	3205	328.697	14.56992	0.886	NR	
7	A1242	10447	284.723	12.62070	0.886	X	
8	A1248	6682	187.903	8.32902	0.886	NR	
9	A1248-11/15	4416	191.023	8.46732	0.886	NR	
10	A1248-14/15	2715	159.520	7.07094	0.886	NR	
11	A1254	926	16.111	0.71416	0.886	NR	
12	A1254-17/18	463	14.065	0.62344	0.886	NR	
13	A1254-19/20	708	20.572	0.91190	0.886	NR	
14	A1254-20	865	18.980	0.84132	0.886	NR	
15	A1260	61	0.241	0.01068	0.886	NR	
16	A1260-23/24	61			0.886	NR	
17	A1262	61				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	08120166-09MSD
Matrix:	Sediment	Client ID:	P2SD-43B-01 MSD
Sample wt(Dry)/vol:	4.1913 g	Lab Sample ID:	AL20844K
Percent Moisture:	61.0	Date Received:	12/18/2008
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/28/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	6
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-78

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.716	U
1	11104-28-2	Aroclor 1221	0.716	U
1	11141-16-5	Aroclor 1232	0.716	U
1	53469-21-9	Aroclor 1242	10.7	
1	12672-29-6	Aroclor 1248	0.716	U
1	11097-69-1	Aroclor 1254	0.716	U
1	11096-82-5	Aroclor 1260	0.716	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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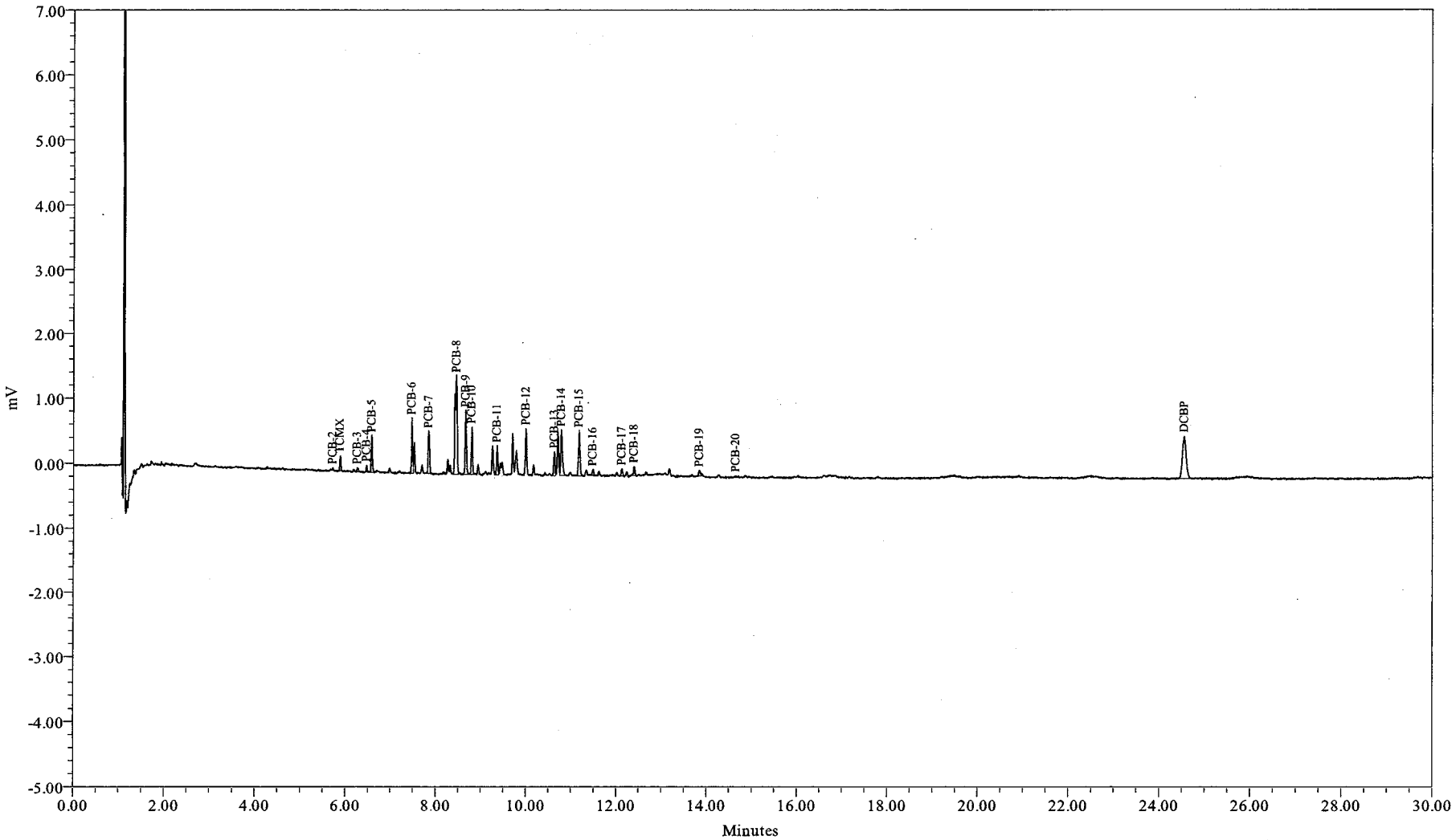

Sample Name:	AL20844K	Sample Amount (g) :	4.1910
Sample ID:	P2SD-43B-01 MSD	Dilution:	150
Date Acquired:	12/28/2008 04:27:18 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-78

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Sample Name:	AL20844K	Sample Amount (g) :	4.1910
Sample ID:	P2SD-43B-01 MSD	Dilution:	150
Date Acquired:	12/28/2008 04:27:18 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 10:46:25 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:19:05 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-78

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	PCB-2	5.72	bb	40			
2	TCMX	5.89	bb	349	1.242	74.5	
3	PCB-3	6.26	bb	120			
4	PCB-4	6.47	bb	159			
5	PCB-5	6.58	bb	935			
6	PCB-6	7.47	bV	1442			
7	PCB-7	7.85	bb	1455			
8	PCB-8	8.46	bv	4814			
9	PCB-9	8.67	bV	1972			
10	PCB-10	8.80	vb	1320			
11	PCB-11	9.36	bV	883			
12	PCB-12	10.00	bb	1576			
13	PCB-13	10.63	bV	731			
14	PCB-14	10.78	Vb	1734			
15	PCB-15	11.18	bb	1549			
16	PCB-16	11.48	bb	212			
17	PCB-17	12.12	bb	236			
18	PCB-18	12.40	vb	309			
19	PCB-19	13.84	bv	206			
20	PCB-20	14.65	bb	51			
21	DCBP	24.56	bb	3756	15.976		95.9

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	11003	252.208	9.02677	0.716	NR	
2	A1221	1254	108.837	3.89537	0.716	NR	
3	A1221-2	1214	112.179	4.01501	0.716	NR	

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
4	A1221-5	319	54.989	1.96810	0.716	NR	
5	A1232	10495	489.137	17.50671	0.716	NR	
6	A1232-8/9	3710	379.811	13.59380	0.716	NR	
7	A1242	11003	299.926	10.73463	0.716	X	
8	A1248	6473	182.024	6.51482	0.716	NR	
9	A1248-11/15	4042	174.852	6.25811	0.716	NR	
10	A1248-14/15	3190	188.006	6.72890	0.716	NR	
11	A1254	1014	17.793	0.63683	0.716	NR	
12	A1254-17/18	469	14.252	0.51011	0.716	NR	
13	A1254-19/20	757	22.183	0.79394	0.716	NR	
14	A1254-20	963	21.427	0.76688	0.716	NR	
15	A1260	51	0.058	0.00208	0.716	NR	
16	A1260-23/24	51			0.716	NR	
17	A1262	51				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	PBLK-33
Matrix:	SODIUM SULFATE	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	9.034 g	Lab Sample ID:	AL20839B
Percent Moisture:	0.0	Date Received:	
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-63

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0553	U
1	11104-28-2	Aroclor 1221	0.0553	U
1	11141-16-5	Aroclor 1232	0.0553	U
1	53469-21-9	Aroclor 1242	0.0553	U
1	12672-29-6	Aroclor 1248	0.0553	U
1	11097-69-1	Aroclor 1254	0.0553	U
1	11096-82-5	Aroclor 1260	0.0553	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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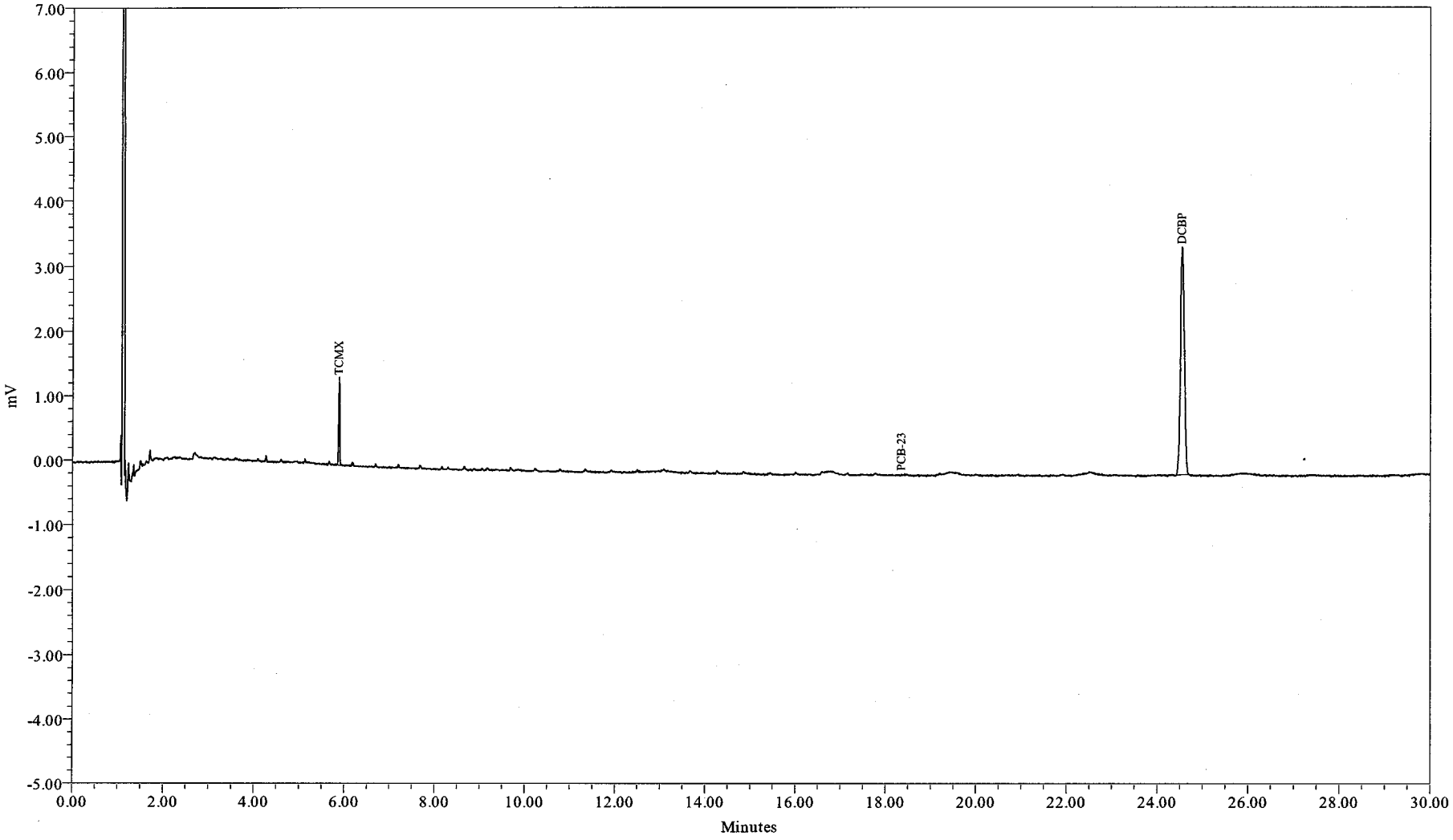

Sample Name:	AL20839B	Sample Amount (g) :	9.0340
Sample ID:	METHOD BLANK	Dilution:	25
Date Acquired:	12/27/2008 20:18:13 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-63

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Sample Name:	AL20839B	Sample Amount (g) :	9.0340
Sample ID:	METHOD BLANK	Dilution:	25
Date Acquired:	12/27/2008 20:18:13 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 08:39:42 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:16:31 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-63

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	2109	9.168	91.7	
2	PCB-23	18.35	bb	21			
3	DCBP	24.55	bb	20800	99.500		99.5

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1268	21				NR	
2	A1260	21			0.0553	NR	
3	A1260-20	21	0.500	0.00138	0.0553	NR	
4	A1262	21				NR	

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	08120166
ELAP ID No:	11078	LRF ID:	LCS-33
Matrix:	SODIUM SULFATE	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	9.692 g	Lab Sample ID:	AL20839L
Percent Moisture:	0.0	Date Received:	
Extraction:	Accelerated Solvent Extraction	Date Extracted:	12/22/2008
Conc. Extract Volume:	25000 uL	Date Analyzed:	12/27/2008
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: J&W, NARROWBORE CAPILLARY, DB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC20F-326-64

Column 2 Information:

GC Column: NA

Injection Volume: NA

Lab File ID: NA

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0516	U
1	11104-28-2	Aroclor 1221	0.0516	U
1	11141-16-5	Aroclor 1232	0.0516	U
1	53469-21-9	Aroclor 1242	1.19	
1	12672-29-6	Aroclor 1248	0.0516	U
1	11097-69-1	Aroclor 1254	0.0516	U
1	11096-82-5	Aroclor 1260	0.0516	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 01/08/2009
Nea Lims Version : 4.4.2.2

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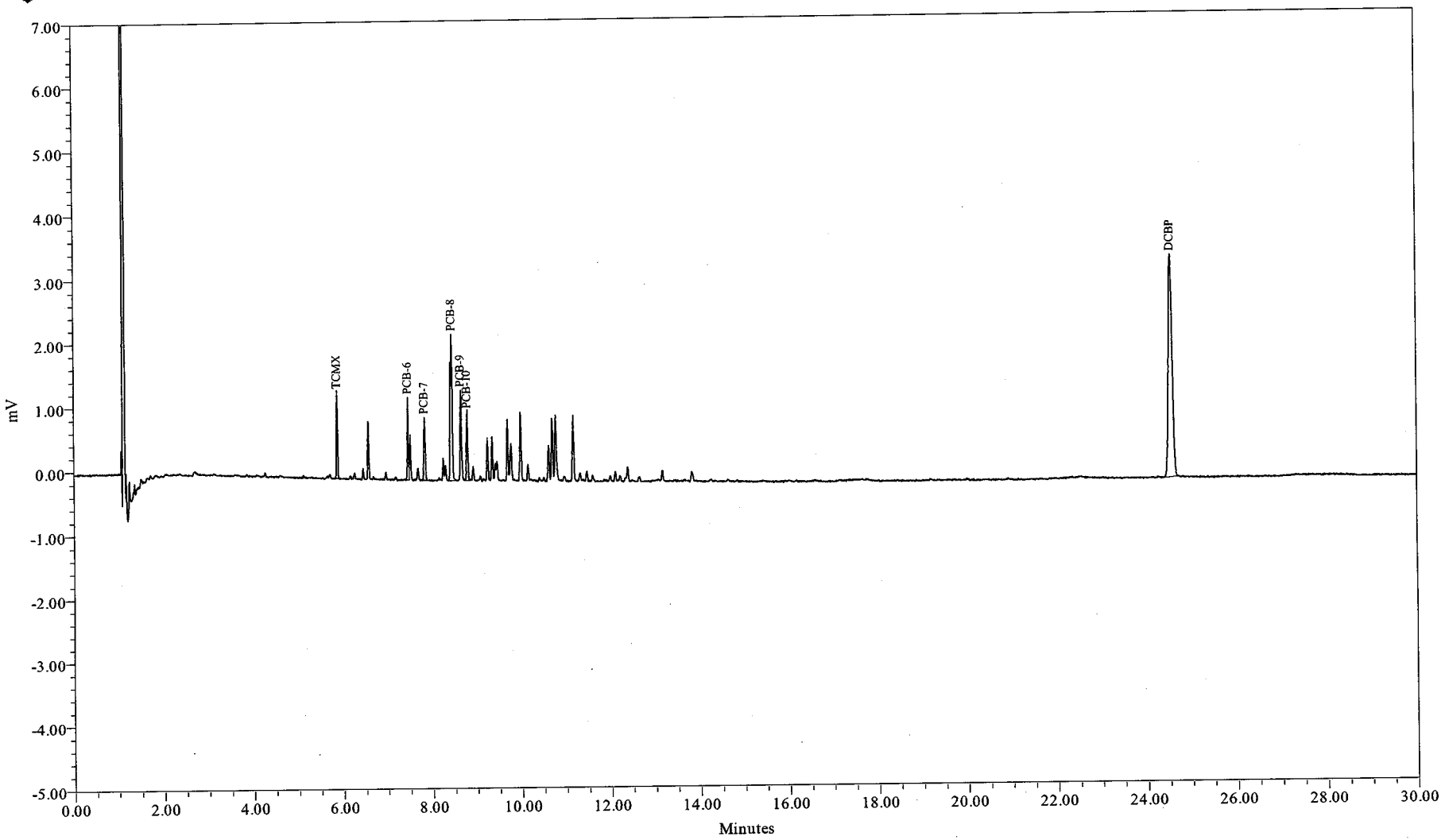

Sample Name:	AL20839L	Sample Amount (g) :	9.6920
Sample ID:	LAB CONTROL SPIKE	Dilution:	25
Date Acquired:	12/27/2008 20:50:49 EST	Processing Method:	GC20F_8082CC_120108
		LIMS File ID:	GC20F-326-64

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Sample Name:	AL20839L	Sample Amount (g) :	9.6920
Sample ID:	LAB CONTROL SPIKE	Dilution:	25
Date Acquired:	12/27/2008 20:50:49 EST	Extract Volume:	25
Project Name:	PCB\GC20F_Sep_2008	Date Processed:	12/29/2008 08:40:09 EST
Sample Set Name:	GC20F_8082s_122608	User Name:	Kari Lantiegne (KariL)
Processing Method:	GC20F_8082CC_120108	Current Date:	12/29/2008
Run Time:	30.0 Minutes	Current Time:	11:16:53 US/Eastern
Report Name:	Solid_ugg_LIMS_PQL	LIMS File ID:	GC20F-326-64

Peak Results

	Peak Name	Ret. Time (min)	Integration Type	Area (uV*sec)	Solution Conc. ng/mL	TCMX % Rec.	DCBP % Rec.
1	TCMX	5.88	bb	2128	9.252	92.5	
2	PCB-6	7.47	bV	2184			
3	PCB-7	7.84	bb	2231			
4	PCB-8	8.46	bB	7343			
5	PCB-9	8.66	BV	3038			
6	PCB-10	8.80	VB	2045			
7	DCBP	24.55	bb	20868	99.833		99.8

Group Results

	Group Name	Group Area (uV*sec)	Solution Conc. ng/mL	Amount ug/g	PQL ug/g	Report	Note
1	A1016	16842	387.709	1.00007	0.0516	NR	
2	A1232	14658	683.423	1.76285	0.0516	NR	
3	A1232-8/9	4276	437.223	1.12779	0.0516	NR	
4	A1242	16842	459.531	1.18534	0.0516	X	

Certificates of Analysis

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CUSTOMER ID:	P2SD-37A-01	**NEA ID:** AL20836	**NEA LRF:** 08120166-01
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/11/2008	**TIME:** 12:05
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	5.25	ug/g	12/27/2008	U
Aroclor 1221	ND	5.25	ug/g	12/27/2008	U
Aroclor 1232	ND	5.25	ug/g	12/27/2008	U
Aroclor 1242	69.9	5.25	ug/g	12/27/2008	AD
Aroclor 1248	ND	5.25	ug/g	12/27/2008	U
Aroclor 1254	10.3	5.25	ug/g	12/27/2008	AF
Aroclor 1260	ND	5.25	ug/g	12/27/2008	U
Total PCB Amount > Reporting Limit	80.2				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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CUSTOMER ID: P2SD-38A-01
MATRIX: SEDIMENT
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20837 **NEA LRF:** 08120166-02
DATE SAMPLED: 12/11/2008 **TIME:** 12:25
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1221	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1232	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1242	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1248	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1254	ND	0.0748	ug/g	12/27/2008	U
Aroclor 1260	ND	0.0748	ug/g	12/27/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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CONTACT: TODD KING

CUSTOMER ID:	P2SL-40A-01	**NEA ID:** AL20838	**NEA LRF:** 08120166-03
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 13:05
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	2.04	ug/g	12/27/2008	U
Aroclor 1221	ND	2.04	ug/g	12/27/2008	U
Aroclor 1232	ND	2.04	ug/g	12/27/2008	U
Aroclor 1242	19.7	2.04	ug/g	12/27/2008	AD
Aroclor 1248	ND	2.04	ug/g	12/27/2008	U
Aroclor 1254	5.86	2.04	ug/g	12/27/2008	AF
Aroclor 1260	ND	2.04	ug/g	12/27/2008	U
Total PCB Amount > Reporting Limit	25.56				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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CUSTOMER ID: P2SL-40B-01
MATRIX: SOIL
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20839 **NEA LRF:** 08120166-04
DATE SAMPLED: 12/11/2008 **TIME:** 13:05
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	4.34	ug/g	12/27/2008	U
Aroclor 1221	ND	4.34	ug/g	12/27/2008	U
Aroclor 1232	ND	4.34	ug/g	12/27/2008	U
Aroclor 1242	65.2	4.34	ug/g	12/27/2008	AD J
Aroclor 1248	ND	4.34	ug/g	12/27/2008	U
Aroclor 1254	15.3	4.34	ug/g	12/27/2008	AF J
Aroclor 1260	ND	4.34	ug/g	12/27/2008	U
Total PCB Amount > Reporting Limit	80.5 J				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
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CONTACT: TODD KING

CUSTOMER ID:	P2SL-40B-03	**NEA ID:** AL20840	**NEA LRF:** 08120166-05
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 13:05
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	4.46	ug/g	12/28/2008	U
Aroclor 1221	ND	4.46	ug/g	12/28/2008	U
Aroclor 1232	ND	4.46	ug/g	12/28/2008	U
Aroclor 1242	58.3	4.46	ug/g	12/28/2008	AD
Aroclor 1248	ND	4.46	ug/g	12/28/2008	U
Aroclor 1254	14.5	4.46	ug/g	12/28/2008	AF
Aroclor 1260	ND	4.46	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	72.8				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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William A. Kotas
Sr. Laboratory Representative

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Laboratory Director

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CUSTOMER ID: P2SD-41A-01
MATRIX: SEDIMENT
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20841 **NEA LRF:** 08120166-06
DATE SAMPLED: 12/11/2008 **TIME:** 14:10
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.104	ug/g	12/28/2008	U
Aroclor 1221	ND	0.104	ug/g	12/28/2008	U
Aroclor 1232	ND	0.104	ug/g	12/28/2008	U
Aroclor 1242	ND	0.104	ug/g	12/28/2008	U
Aroclor 1248	ND	0.104	ug/g	12/28/2008	U
Aroclor 1254	ND	0.104	ug/g	12/28/2008	U
Aroclor 1260	ND	0.104	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Laboratory Director

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CUSTOMER ID:	P2SL-42A-01	**NEA ID:** AL20842	**NEA LRF:** 08120166-07
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:25
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1221	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1232	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1242	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1248	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1254	ND	0.0701	ug/g	12/28/2008	U
Aroclor 1260	ND	0.0701	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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CUSTOMER ID: P2SD-43A-01
MATRIX: SEDIMENT
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20843 **NEA LRF:** 08120166-08
DATE SAMPLED: 12/11/2008 **TIME:** 14:35
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.257	ug/g	12/28/2008	U
Aroclor 1221	ND	0.257	ug/g	12/28/2008	U
Aroclor 1232	ND	0.257	ug/g	12/28/2008	U
Aroclor 1242	1.99	0.257	ug/g	12/28/2008	AD
Aroclor 1248	ND	0.257	ug/g	12/28/2008	U
Aroclor 1254	1.79	0.257	ug/g	12/28/2008	AF
Aroclor 1260	0.411	0.257	ug/g	12/28/2008	AG
Total PCB Amount > Reporting Limit	4.191				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Laboratory Director

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CUSTOMER ID:	P2SD-43B-01	**NEA ID:** AL20844	**NEA LRF:** 08120166-09
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:35
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.118	ug/g	12/28/2008	U
Aroclor 1221	ND	0.118	ug/g	12/28/2008	U
Aroclor 1232	ND	0.118	ug/g	12/28/2008	U
Aroclor 1242	ND	0.118	ug/g	12/28/2008	U
Aroclor 1248	ND	0.118	ug/g	12/28/2008	U
Aroclor 1254	ND	0.118	ug/g	12/28/2008	U
Aroclor 1260	ND	0.118	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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CUSTOMER ID: P2SD-43B-03
MATRIX: SEDIMENT
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20845 **NEA LRF:** 08120166-10
DATE SAMPLED: 12/11/2008 **TIME:** 14:35
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.120	ug/g	12/28/2008	U
Aroclor 1221	ND	0.120	ug/g	12/28/2008	U
Aroclor 1232	ND	0.120	ug/g	12/28/2008	U
Aroclor 1242	ND	0.120	ug/g	12/28/2008	U
Aroclor 1248	ND	0.120	ug/g	12/28/2008	U
Aroclor 1254	ND	0.120	ug/g	12/28/2008	U
Aroclor 1260	ND	0.120	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Sr. Laboratory Representative

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Laboratory Director

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CONTACT: TODD KING

CUSTOMER ID:	P2SL-44A-01	**NEA ID:** AL20846	**NEA LRF:** 08120166-11
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:40
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.413	ug/g	12/28/2008	U
Aroclor 1221	ND	0.413	ug/g	12/28/2008	U
Aroclor 1232	ND	0.413	ug/g	12/28/2008	U
Aroclor 1242	1.11	0.413	ug/g	12/28/2008	AD
Aroclor 1248	ND	0.413	ug/g	12/28/2008	U
Aroclor 1254	4.66	0.413	ug/g	12/28/2008	AF
Aroclor 1260	0.916	0.413	ug/g	12/28/2008	AG
Total PCB Amount > Reporting Limit	6.686				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG-Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Sr. Laboratory Representative

Robert E. Wagner
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CUSTOMER ID: P2SL-44B-01
MATRIX: SOIL
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20847 **NEA LRF:** 08120166-12
DATE SAMPLED: 12/11/2008 **TIME:** 14:40
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.116	ug/g	12/28/2008	U
Aroclor 1221	ND	0.116	ug/g	12/28/2008	U
Aroclor 1232	ND	0.116	ug/g	12/28/2008	U
Aroclor 1242	ND	0.116	ug/g	12/28/2008	U
Aroclor 1248	ND	0.116	ug/g	12/28/2008	U
Aroclor 1254	ND	0.116	ug/g	12/28/2008	U
Aroclor 1260	ND	0.116	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-45A-01	**NEA ID:** AL20848	**NEA LRF:** 08120166-13
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:50
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	5.35	ug/g	12/28/2008	U
Aroclor 1221	ND	5.35	ug/g	12/28/2008	U
Aroclor 1232	ND	5.35	ug/g	12/28/2008	U
Aroclor 1242	57.6	5.35	ug/g	12/28/2008	AD
Aroclor 1248	ND	5.35	ug/g	12/28/2008	U
Aroclor 1254	13.6	5.35	ug/g	12/28/2008	AF
Aroclor 1260	ND	5.35	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	71.2				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AUTHORIZED SIGNATURE:

William A. Kotas
Sr. Laboratory Representative

Robert E. Wagner
Laboratory Director

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2190 Technology Drive Schenectady, NY 12308 Phone 518.346.4592 Fax 518.381.6055 Email : information@nealab.com

CERTIFICATE OF ANALYSIS
12/29/2008
CAMP, DRESSER & MCKEE
ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SD-45B-01	**NEA ID:** AL20849	**NEA LRF:** 08120166-14
MATRIX:	SEDIMENT	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:50
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.102	ug/g	12/28/2008	U
Aroclor 1221	ND	0.102	ug/g	12/28/2008	U
Aroclor 1232	ND	0.102	ug/g	12/28/2008	U
Aroclor 1242	ND	0.102	ug/g	12/28/2008	U
Aroclor 1248	ND	0.102	ug/g	12/28/2008	U
Aroclor 1254	ND	0.102	ug/g	12/28/2008	U
Aroclor 1260	ND	0.102	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	ND				U

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SL-46A-01	**NEA ID:** AL20850	**NEA LRF:** 08120166-15
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 14:55
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	2.09	ug/g	12/28/2008	U
Aroclor 1221	ND	2.09	ug/g	12/28/2008	U
Aroclor 1232	ND	2.09	ug/g	12/28/2008	U
Aroclor 1242	12.3	2.09	ug/g	12/28/2008	AD
Aroclor 1248	ND	2.09	ug/g	12/28/2008	U
Aroclor 1254	6.22	2.09	ug/g	12/28/2008	AF
Aroclor 1260	ND	2.09	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	18.52				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

NORTHEAST ANALYTICAL LABS

CUSTOMER ID: P2SD-47A-01
MATRIX: SEDIMENT
DATE RECEIVED: 12/18/2008 **TIME:** 10:01
SAMPLED BY: A. SANTINI
CUSTOMER PO: N/A

NEA ID: AL20851 **NEA LRF:** 08120166-16
DATE SAMPLED: 12/11/2008 **TIME:** 15:22
PROJECT: PLAINWELL DAM #2 INVESTIGATION
LOCATION: KALAMAZOO, MI
LAB ELAP#: 11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.103	ug/g	12/28/2008	U
Aroclor 1221	ND	0.103	ug/g	12/28/2008	U
Aroclor 1232	ND	0.103	ug/g	12/28/2008	U
Aroclor 1242	ND	0.103	ug/g	12/28/2008	U
Aroclor 1248	ND	0.103	ug/g	12/28/2008	U
Aroclor 1254	0.145	0.103	ug/g	12/28/2008	AF
Aroclor 1260	ND	0.103	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	0.145				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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ONE WOODWARD AVE., SUITE 1500
DETROIT, MI 48226
CONTACT: TODD KING

CUSTOMER ID:	P2SL-48A-01	**NEA ID:** AL20852	**NEA LRF:** 08120166-17
MATRIX:	SOIL	**DATE SAMPLED:** 12/11/2008	**TIME:** 15:30
DATE RECEIVED:	12/18/2008 **TIME:** 10:01	**PROJECT:**	PLAINWELL DAM #2 INVESTIGATION
SAMPLED BY:	A. SANTINI	**LOCATION:**	KALAMAZOO, MI
CUSTOMER PO:	N/A	**LAB ELAP#:**	11078

PARAMETER PERFORMED	RESULTS	PQL	UNITS	DATE ANALYZED	FLAGS
SW-846 8082 (PCB)					
Aroclor 1016	ND	0.0982	ug/g	12/28/2008	U
Aroclor 1221	ND	0.0982	ug/g	12/28/2008	U
Aroclor 1232	ND	0.0982	ug/g	12/28/2008	U
Aroclor 1242	ND	0.0982	ug/g	12/28/2008	U
Aroclor 1248	ND	0.0982	ug/g	12/28/2008	U
Aroclor 1254	0.207	0.0982	ug/g	12/28/2008	AF
Aroclor 1260	ND	0.0982	ug/g	12/28/2008	U
Total PCB Amount > Reporting Limit	0.207				

Notes: ND (Not Detected). Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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