analytics environmental laboratory LLC

195 Commerce Way Suite E
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800-929-9906
www.analyticslab.com

February 27, 2013

Mr. John Cressey
Summit Environmental
640 Main Street
Lewiston ME 04240

RE: Analytical Results Case Narrative
Analytics # 74873
Maine Energy
Project No: 12-3259.1

Dear Mr. Cressey;

Enclosed please find the analytical results for samples submitted for the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polychlorinated Biphenyls (PCBs) by EPA Method 8082A.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II data package has been assembled in the following order:

Case Narrative/Non-Conformance Summary
Sample Log Sheet - Cover Page
PCB Form 1 Data Sheet for Samples
PCB Form 3 MS/MSD (LCS) Recoveries and Blanks
Chromatograms
Chain of Custody (COC) Forms

QC NON CONFORMANCE SUMMARY

Sample Receipt:
No exceptions.

PCBs by EPA Method 8082:
No results were reported below the quantitation limit.

All samples except 74873-1, 74873-3 and 74873-19 required dilution due to concentrations of PCBs that exceeded the calibration range of the instrument.

Sample 74873-18 had high recoveries for surrogate Tetrachloro-m-xylene. Decachlorobiphenyl surrogate recoveries were in control. Results were reported with a comment to this affect. Some samples had interference that prevented the determination of a surrogate recovery. Results were reported off the column without interferences when possible, or the sample was reported with a comment to this affect.

The MS/MSD analyzed on sample 74873-1 had some high RPDs (see form 3). The laboratory control samples(L022013PSOX2,RR/LD022013PSOX2, RR) were in control. Results were reported without qualification.

The MS/MSD analyzed on sample 74873-16 was only assessed for precision of PCB 1260 due to the parent sample having concentrations of PCB 1260 that exceeded the calibration range of the instrument. The RPDs for the MS/MSD did not meet acceptance criteria. The laboratory control samples (L022513PSOX/LD022513PSOX) were in control for all recoveries and RPDs. Results were reported without qualification.

If you have any questions on this data submittal, please do not hesitate to contact me.

Sincerely,
ANALYTICS Environmental Laboratory, LLC

Stephen Knollmeyer
Laboratory Director

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Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

Report Number: 74873

Revision: Rev. 0

Re: MAINE ENERGY (Project No: 12-3259.1)

Enclosed are the results of the analyses on your sample(s). Samples were received on 20 February 2013 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, North Carolina, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 2/27/2013

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CLIENT: Summit Environmental Consultants Inc. **REPORT NUMBER: 74873** **REV: Rev. 0**

PROJECT: MAINE ENERGY (Project No: 12-3259.1)

Lab Number	Sample Date	Station Location	Analysis	Comments
74873-1	02/19/13	SE-SB-216 (2.5"-24")	EPA 8082 (PCBs only)	
74873-2	02/19/13	SE-SB-216 (2-4')	EPA 8082 (PCBs only)	
74873-3	02/19/13	SE-SB-216 (4-6')	EPA 8082 (PCBs only)	
74873-4	02/19/13	SE-SB-215 (0-2')	EPA 8082 (PCBs only)	
74873-5	02/19/13	SE-SB-215 (2-4')	EPA 8082 (PCBs only)	
74873-6	02/19/13	SE-SB-215 (4-6')	EPA 8082 (PCBs only)	
74873-7	02/19/13	SE-SB-215 (6-8')	EPA 8082 (PCBs only)	
74873-8	02/19/13	SE-SB-215 (8-10')	EPA 8082 (PCBs only)	
74873-9	02/19/13	SE-SB-214 (0-2')	EPA 8082 (PCBs only)	
74873-10	02/19/13	SE-SB-214 (2-4')	EPA 8082 (PCBs only)	
74873-11	02/19/13	SE-SB-214 (4-6')	EPA 8082 (PCBs only)	
74873-12	02/19/13	SE-SB-214 (6-7')	EPA 8082 (PCBs only)	
74873-13	02/19/13	SE-SB-213 (0-2')	EPA 8082 (PCBs only)	
74873-14	02/19/13	SE-SB-213 (2-4')	EPA 8082 (PCBs only)	
74873-15	02/19/13	SE-SB-213 (4-6')	EPA 8082 (PCBs only)	
74873-16	02/19/13	SE-SB-213 (6-7.5')	EPA 8082 (PCBs only)	
74873-17	02/19/13	SE-SB-217 (0-2')	EPA 8082 (PCBs only)	
74873-18	02/19/13	SE-SB-217 (2-4')	EPA 8082 (PCBs only)	
74873-19	02/19/13	SE-SB-217 (4-6')	EPA 8082 (PCBs only)	
74873-20	02/19/13	SE-SB-217 (8-10')	EPA 8082 (PCBs only)	

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Surrogate Compound Limits

Matrix:	Aqueous	Solid	
Units:	% Recovery	% Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

PCB
DATA SUMMARIES

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Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: MAINE ENERGY

Project Number: 12-3259.1

Field Sample ID: SE-SB-216 (2.5"-24")

Lab Sample ID: 74873-1 RR
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 02/19/13
Lab Receipt Date: 02/20/13
Extraction Date: 02/20/13
Analysis Date: 02/22/13

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	**65**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	90	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-1,RR,,A/C
Data File: M67211.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	65	64	2.9	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

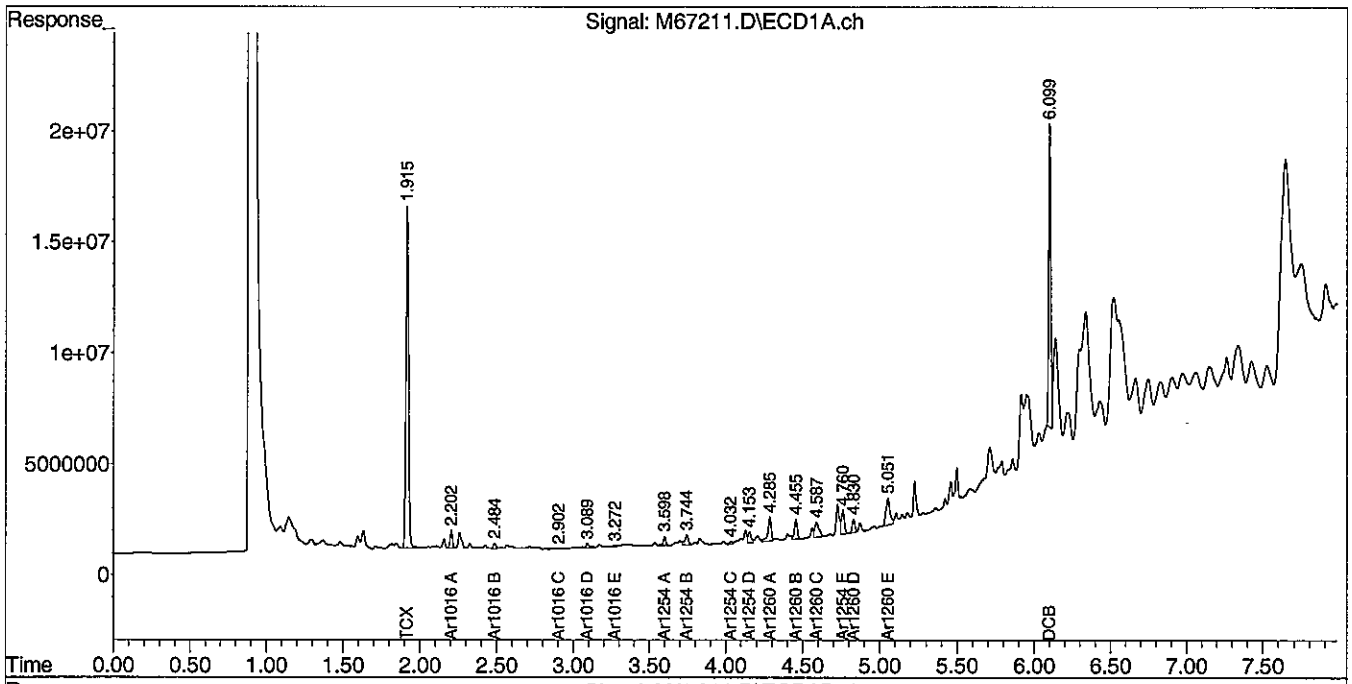
Comments: _____

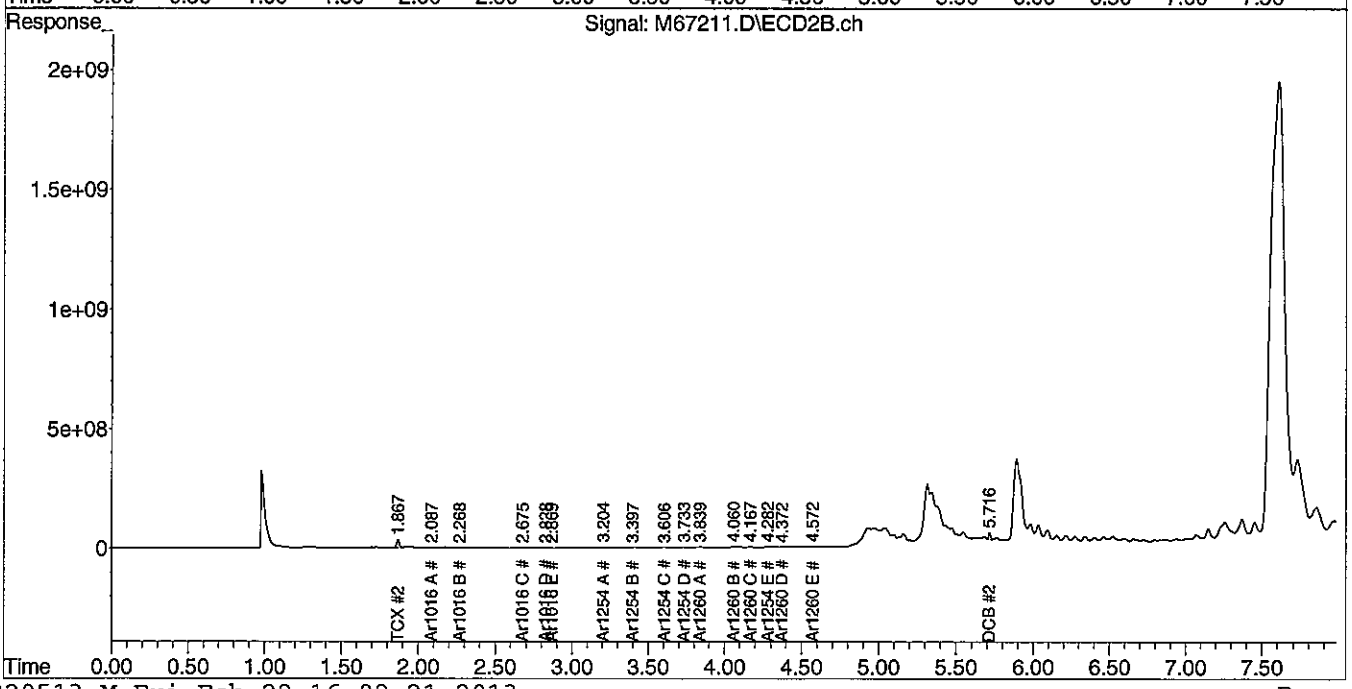
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 10:46 am
Operator : JK
Sample : 74873-1,RR,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 16:02:08 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-2
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	21
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-216 (2-4')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	693	U
PCB-1221	693	U
PCB-1232	693	U
PCB-1242	693	U
PCB-1248	693	U
PCB-1254	693	U
PCB-1260	693	**12900**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-2,1:20,,A/C
Data File: M67214.D
Dilution Factor: 21.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	12942	10661	19.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

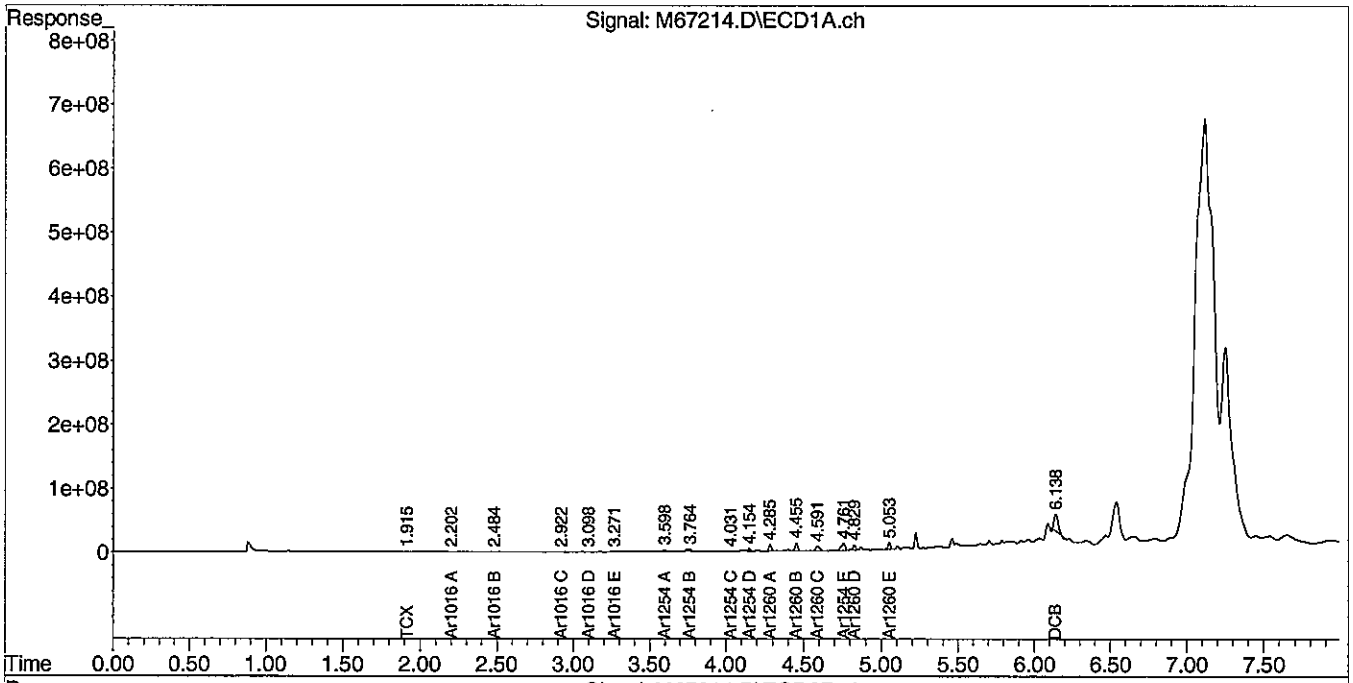
Comments: _____

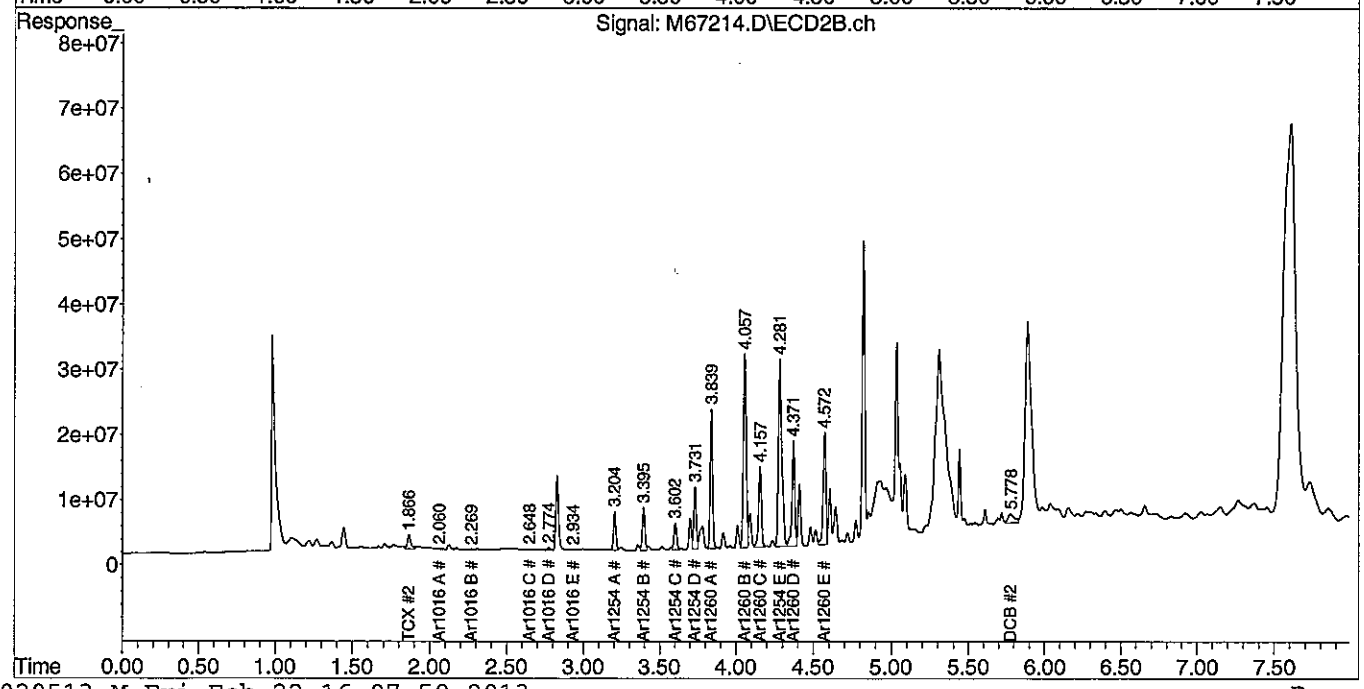
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 11:16 am
Operator : JK
Sample : 74873-2,1:20,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

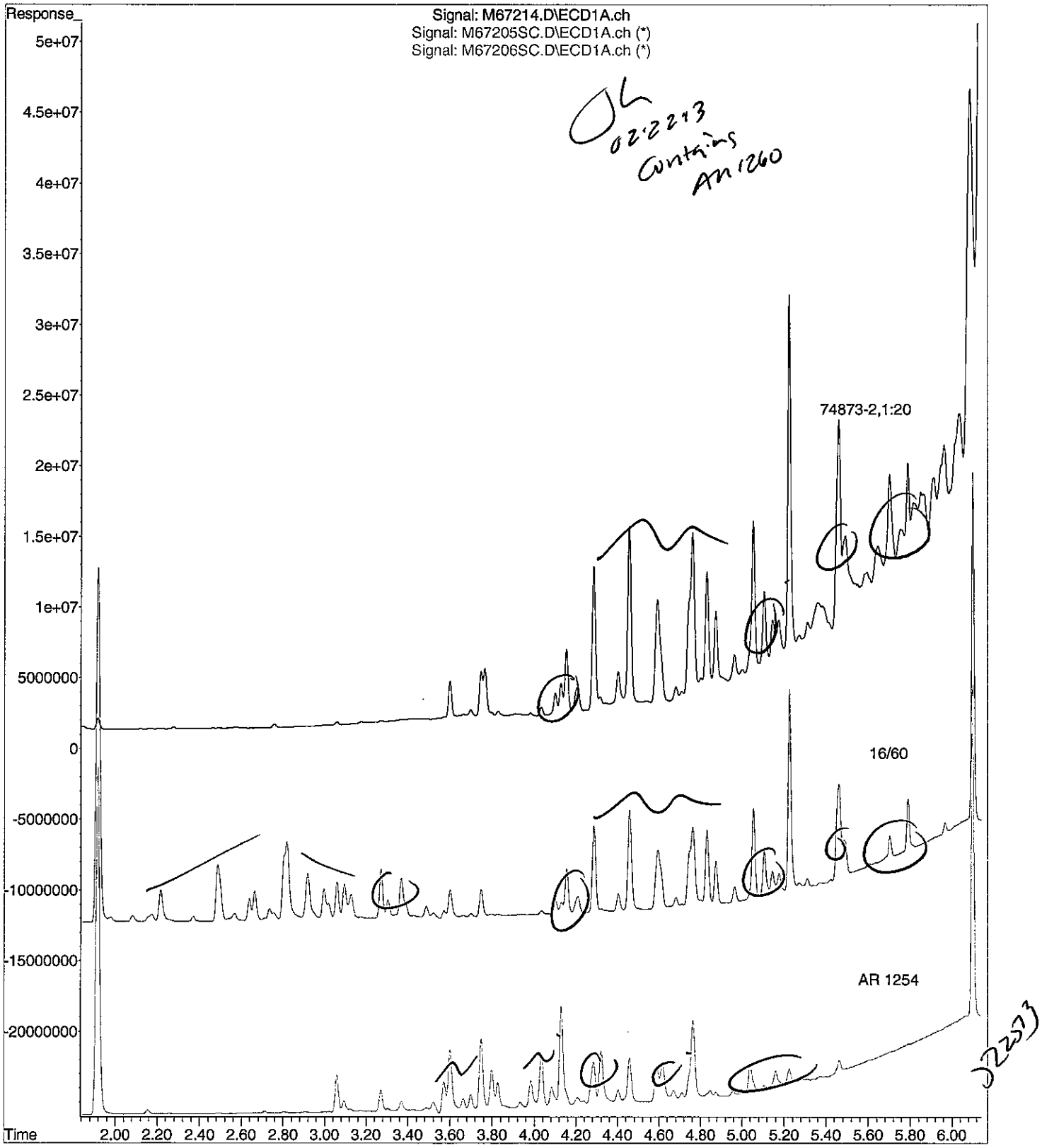
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:57:46 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022213-M\M67214.D
Operator : JK
Acquired : 22 Feb 2013 11:16 am using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-2,1:20,,A/C
Misc Info : SOIL
Vial Number: 13



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Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-3 RR
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.0
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-216 (4-6')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	112	%
Decachlorobiphenyl	76	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

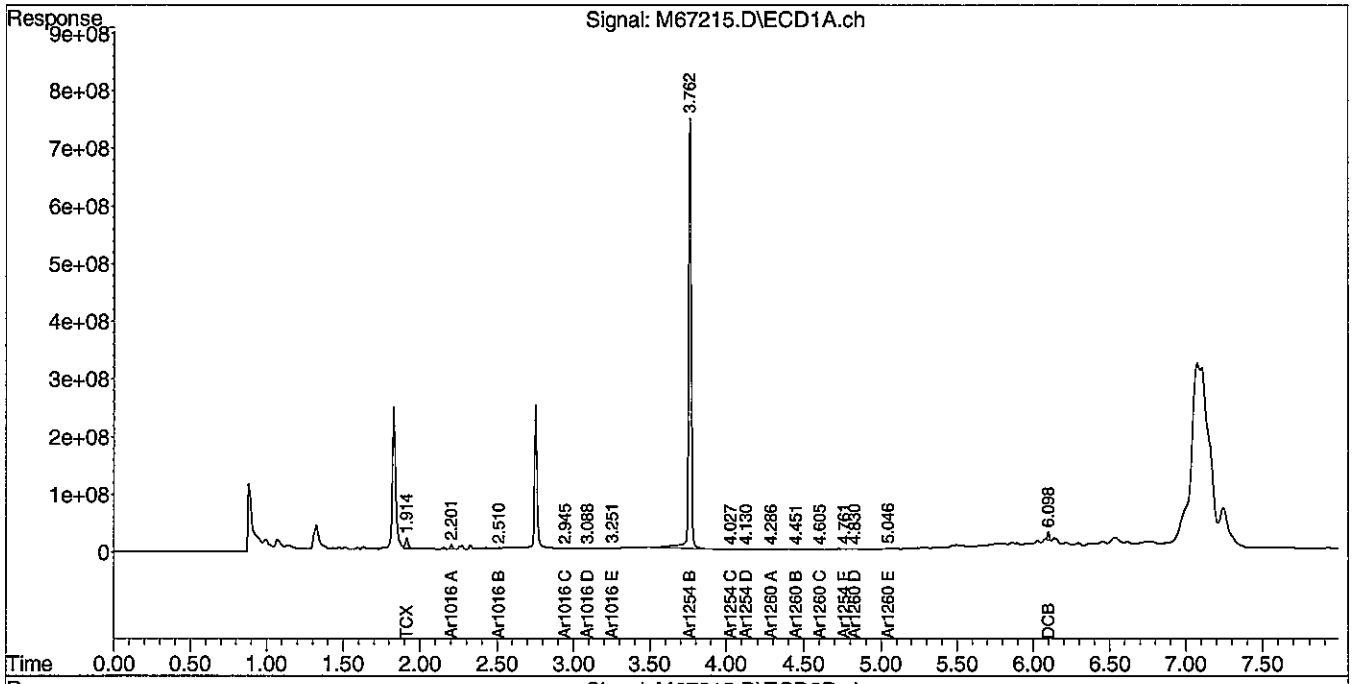
PCB Report

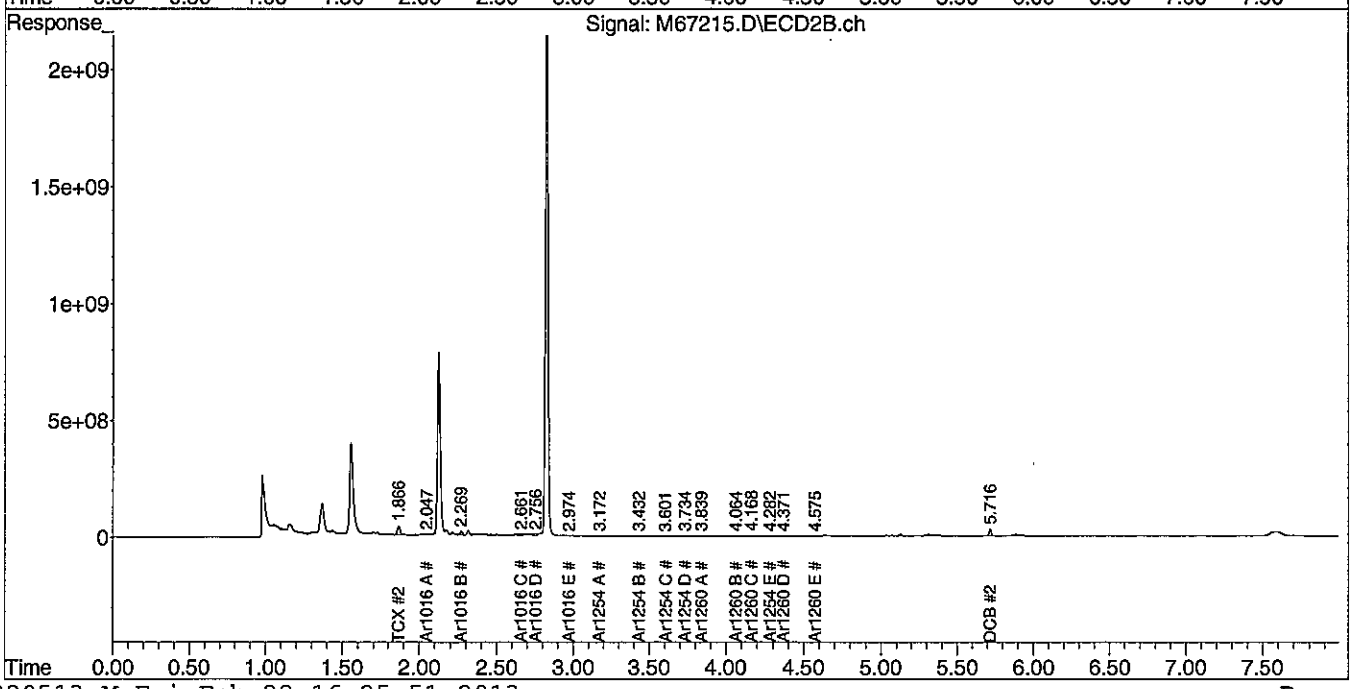
Authorized signature

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 11:27 am
Operator : JK
Sample : 74873-3,RR,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 16:23:45 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-4
Matrix:	Solid
Percent Solid:	97
Dilution Factor:	5.0
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-215 (0-2')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	102	%
Decachlorobiphenyl	102	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

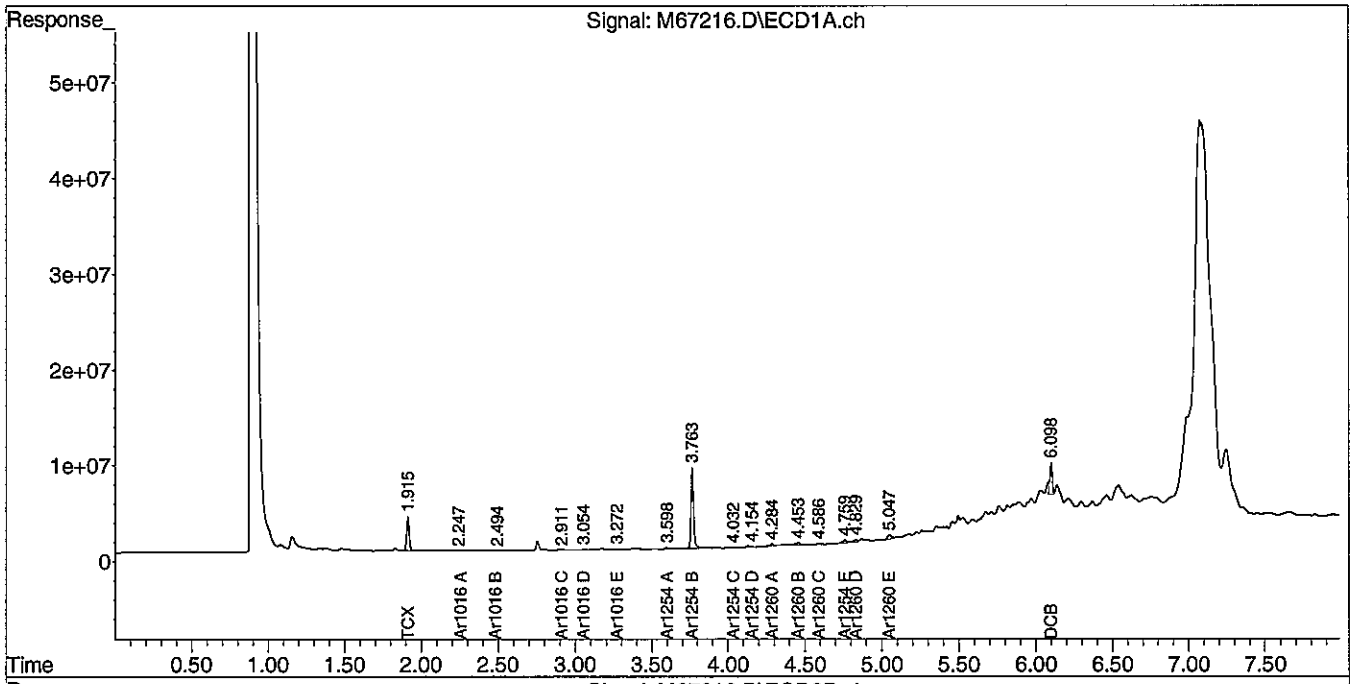
PCB Report

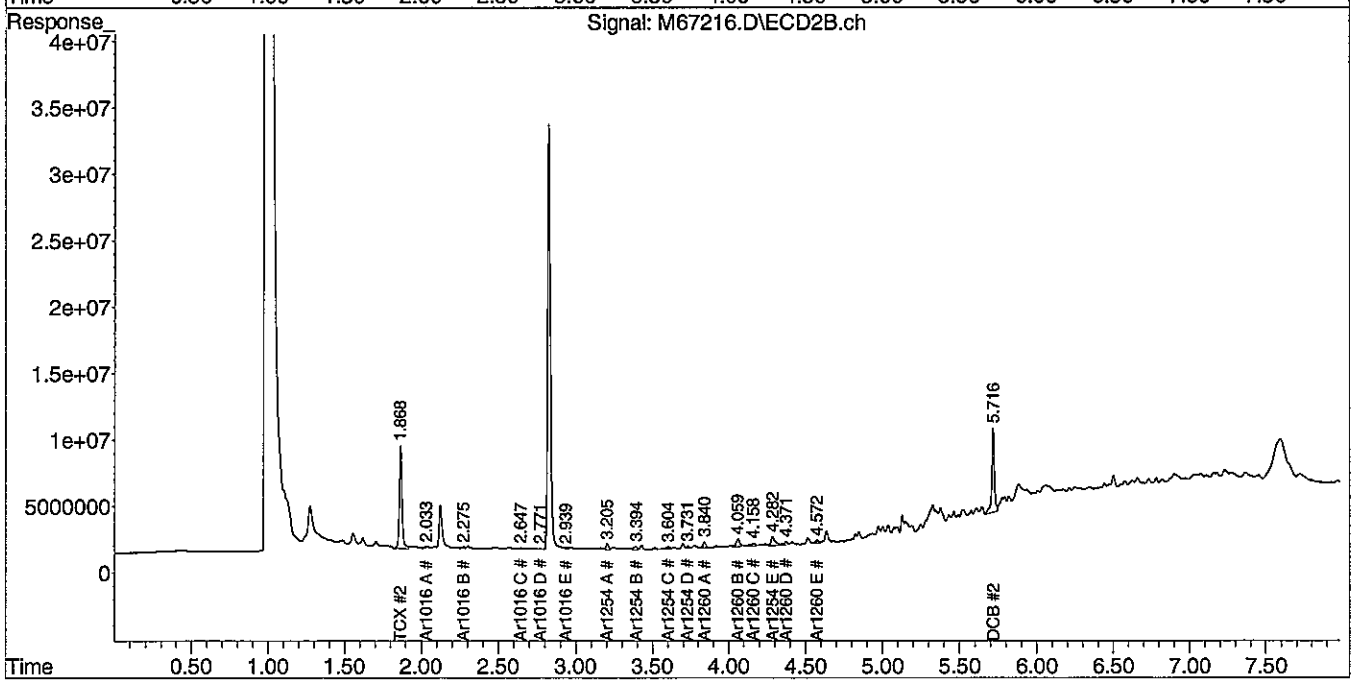
Authorized signature

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 11:37 am
Operator : JK
Sample : 74873-4,1:5,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 16:26:09 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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Mr. John Cressey
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640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-5
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-215 (2-4')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**3210**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	84	%
Decachlorobiphenyl	52	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-5,1:5,,A/C
Data File: M67217.D
Dilution Factor: 5.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	3213	2856	11.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

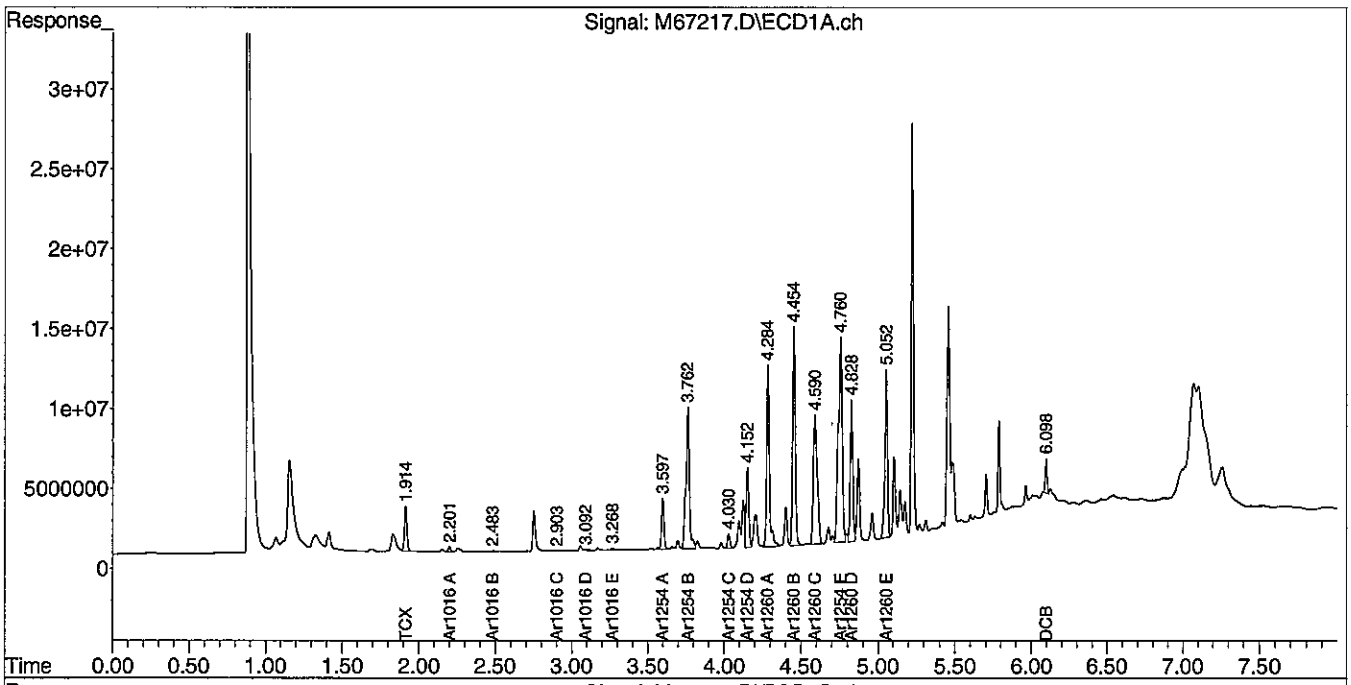
Comments: _____

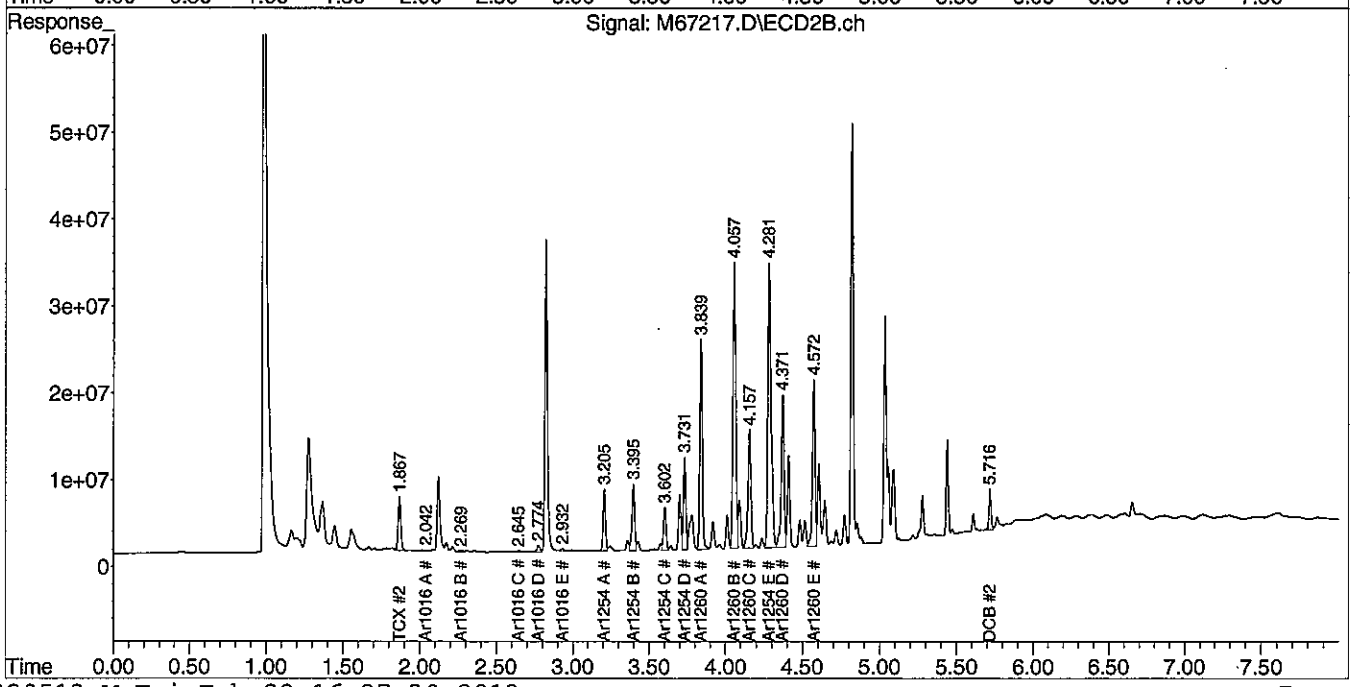
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67217.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 11:47 am
Operator : JK
Sample : 74873-5,1:5,,A/C
Misc : SOIL
ALS Vial : 16 Sample Multiplier: 1

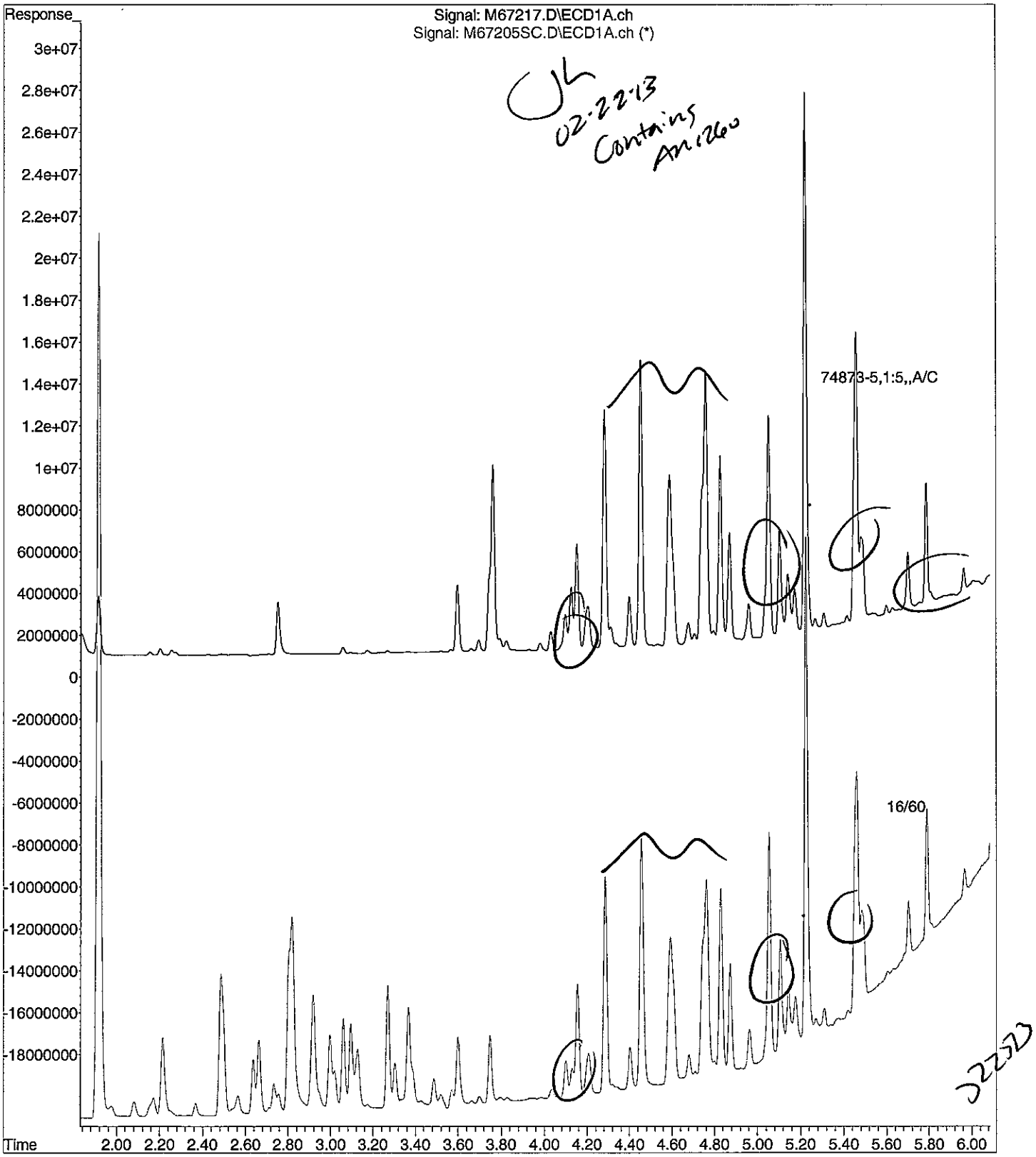
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:57:52 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022213-M\M67217.D
Operator : JK
Acquired : 22 Feb 2013 11:47 am using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-5,1:5,,A/C
Misc Info : SOIL
Vial Number: 16



analytics environmental laboratory LLC

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Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-6
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-215 (4-6')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**2260**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	97	%
Decachlorobiphenyl	61	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-6,1:5,,A/C
Data File: M67218.D
Dilution Factor: 5.3

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	2264	2006	12.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

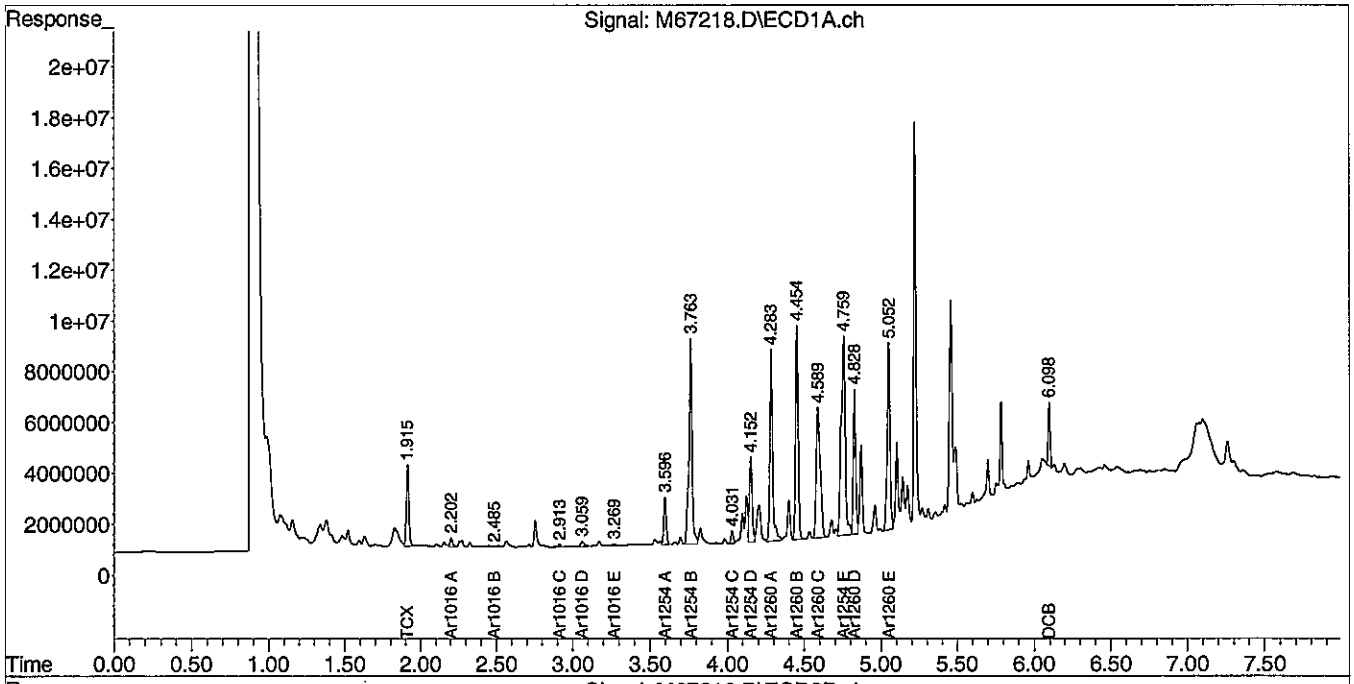
Comments: _____

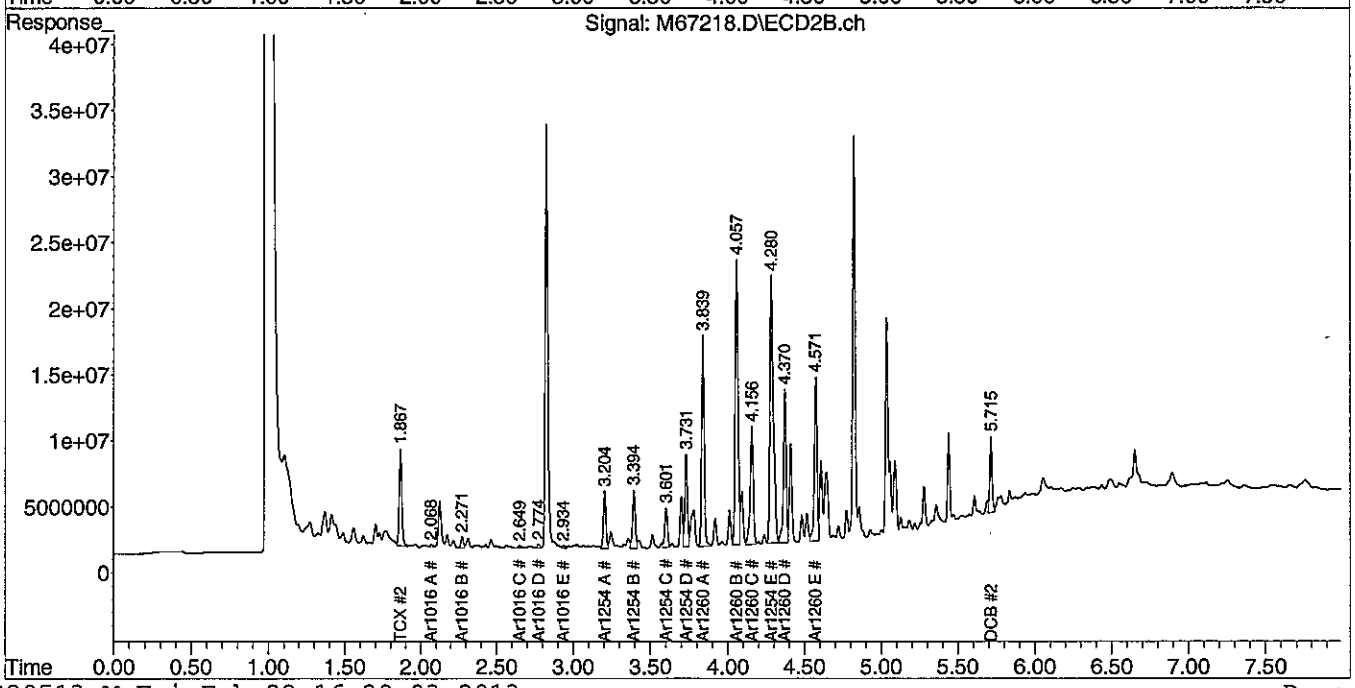
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67218.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 11:57 am
Operator : JK
Sample : 74873-6,1:5,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:57:54 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-7
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-215 (6-8')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**3220**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-7,1:5,,A/C
Data File: M67219.D
Dilution Factor: 5.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	3220	2722	16.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

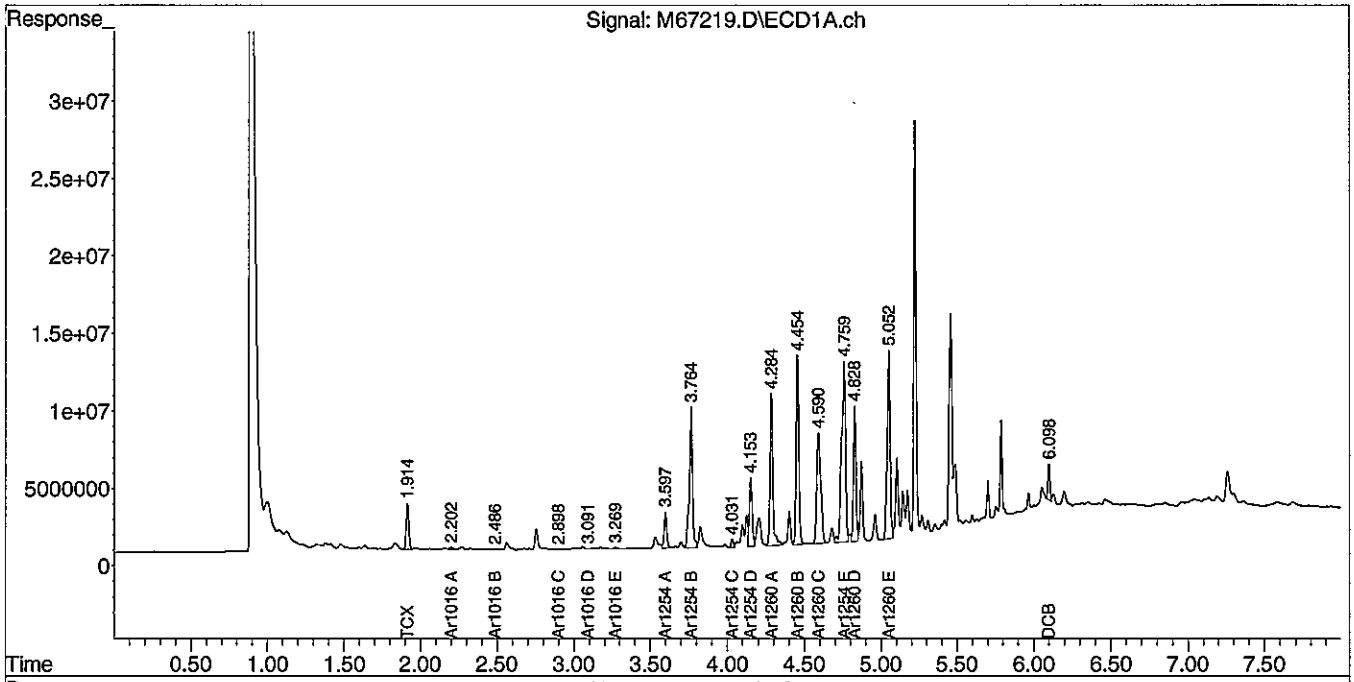
Comments: _____

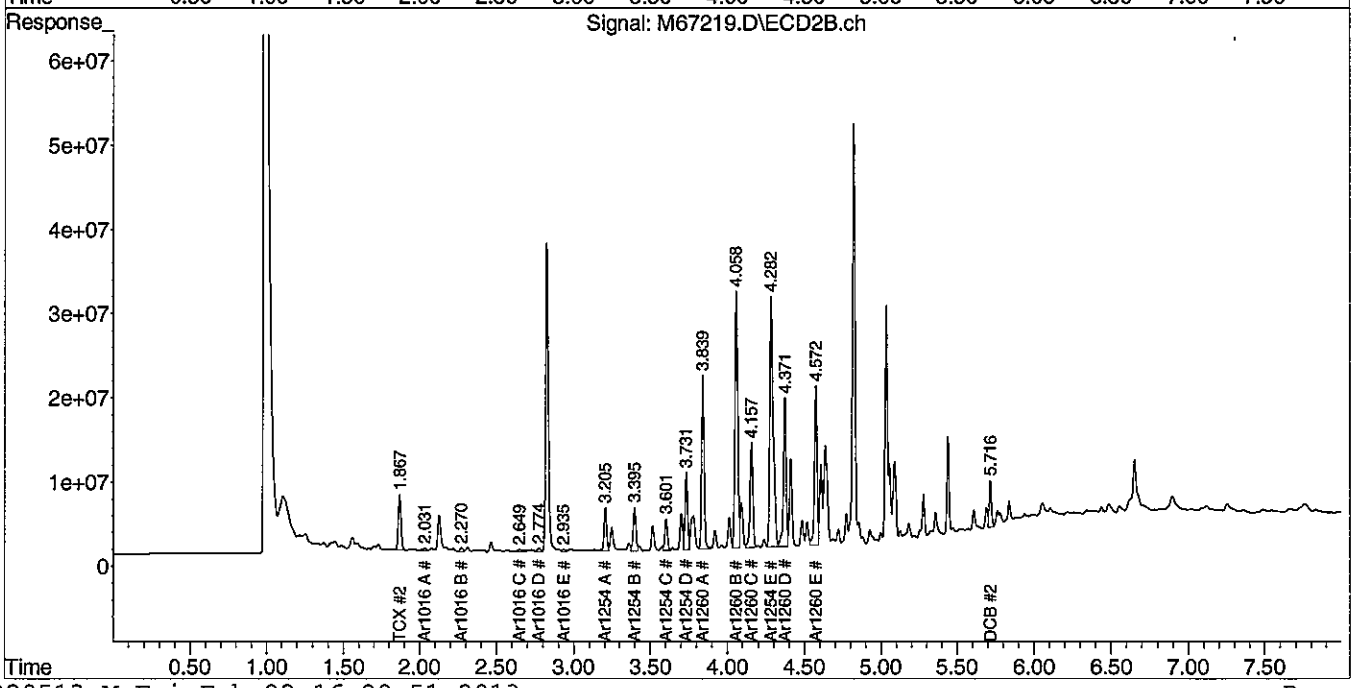
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 12:07 pm
Operator : JK
Sample : 74873-7,1:5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:57:56 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 22, 2013

SAMPLE DATA

Lab Sample ID:	74873-8
Matrix:	Solid
Percent Solid:	88
Dilution Factor:	54
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/20/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-215 (8-10')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	1780	U
PCB-1221	1780	U
PCB-1232	1780	U
PCB-1242	1780	U
PCB-1248	1780	U
PCB-1254	1780	U
PCB-1260	1780	**44600**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-8,1:50,,A/C
Data File: M67220.D
Dilution Factor: 54.4

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	44645	40316	10.2	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

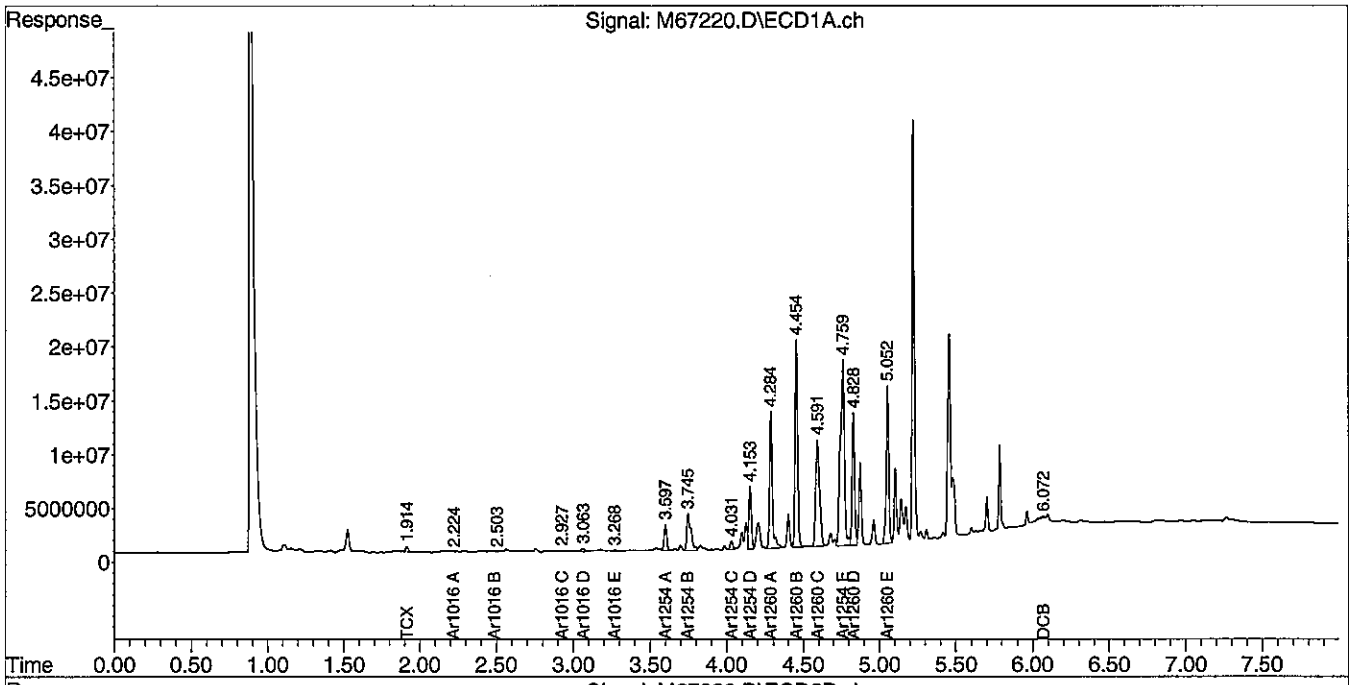
Comments: _____

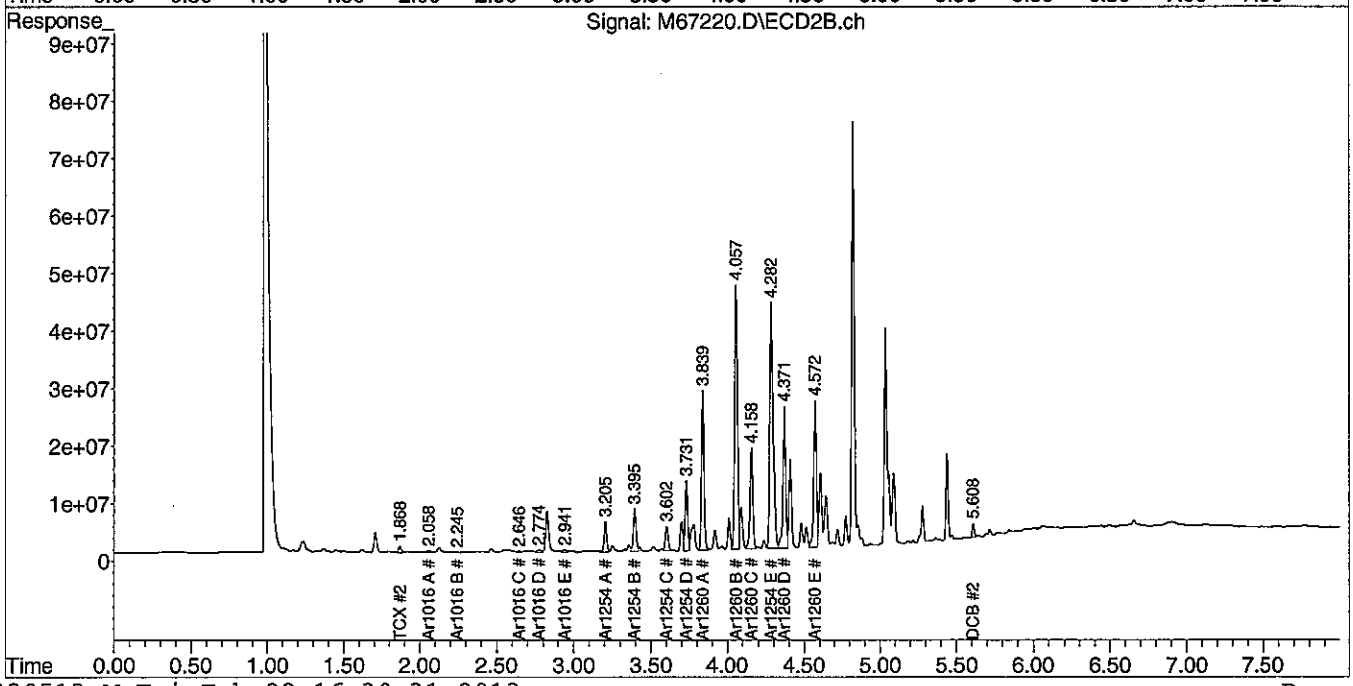
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 12:17 pm
Operator : JK
Sample : 74873-8,1:50,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:57:58 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-9 RX
Matrix:	Solid
Percent Solid:	88
Dilution Factor:	6
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/25/13
Analysis Date:	02/26/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-214 (0-2')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	198	U
PCB-1221	198	U
PCB-1232	198	U
PCB-1242	198	U
PCB-1248	198	U
PCB-1254	198	U
PCB-1260	198	**385**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	115	%
Decachlorobiphenyl	114	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-9,RX,1:5
Data File: M67419.D
Dilution Factor: 5.5

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	385	343	11.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

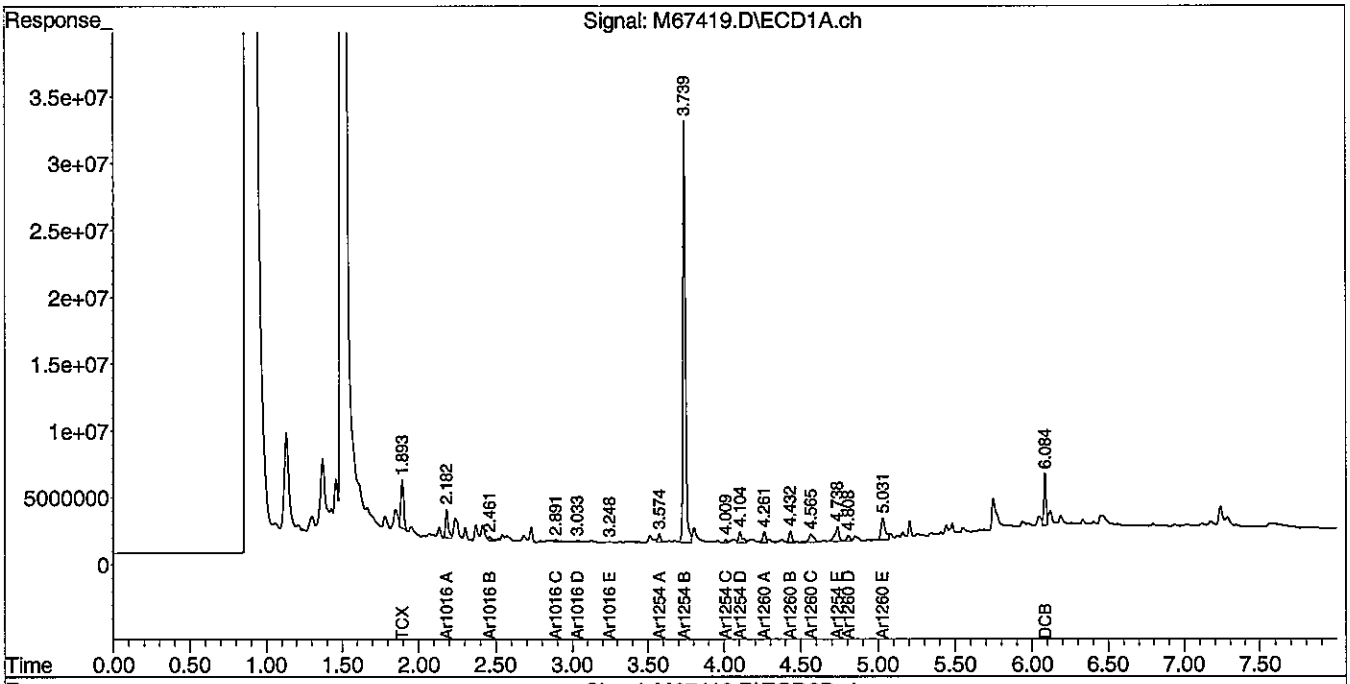
Comments: _____

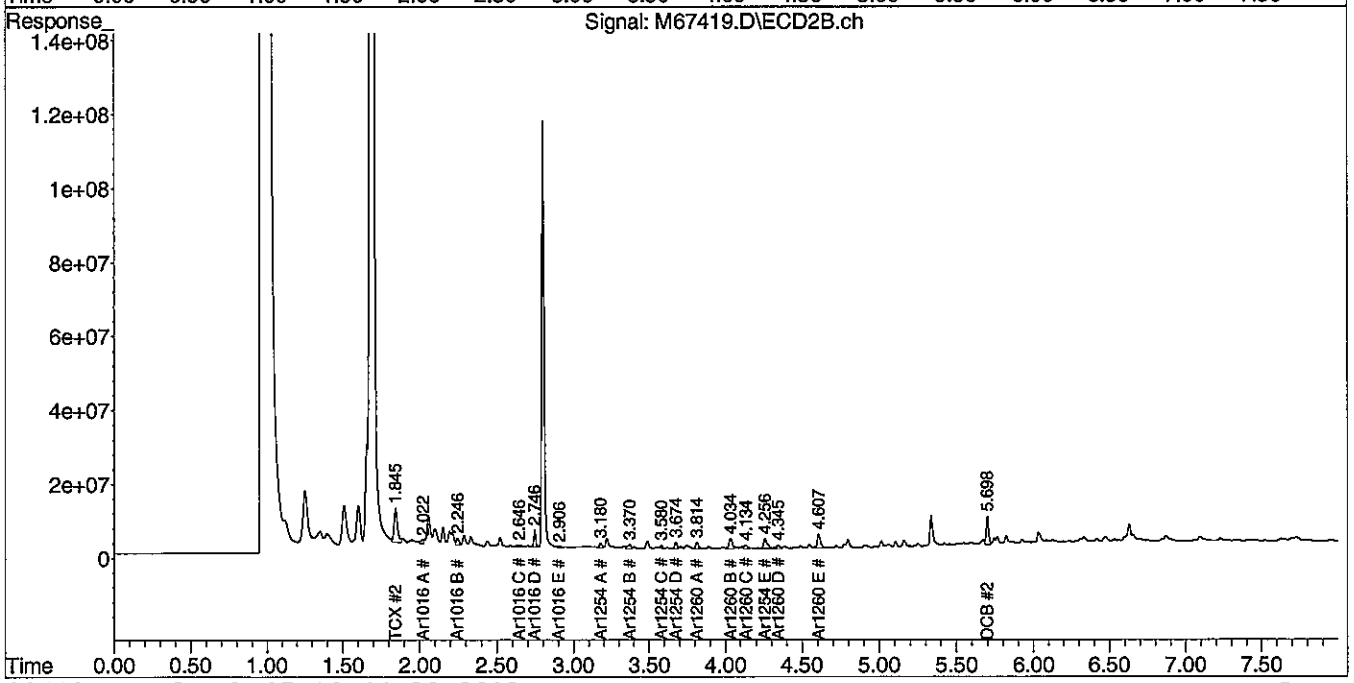
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 7:53 pm
Operator : JK
Sample : 74873-9,RX,1:5
Misc : SOIL
ALS Vial : 11 Sample Multiplier: 1

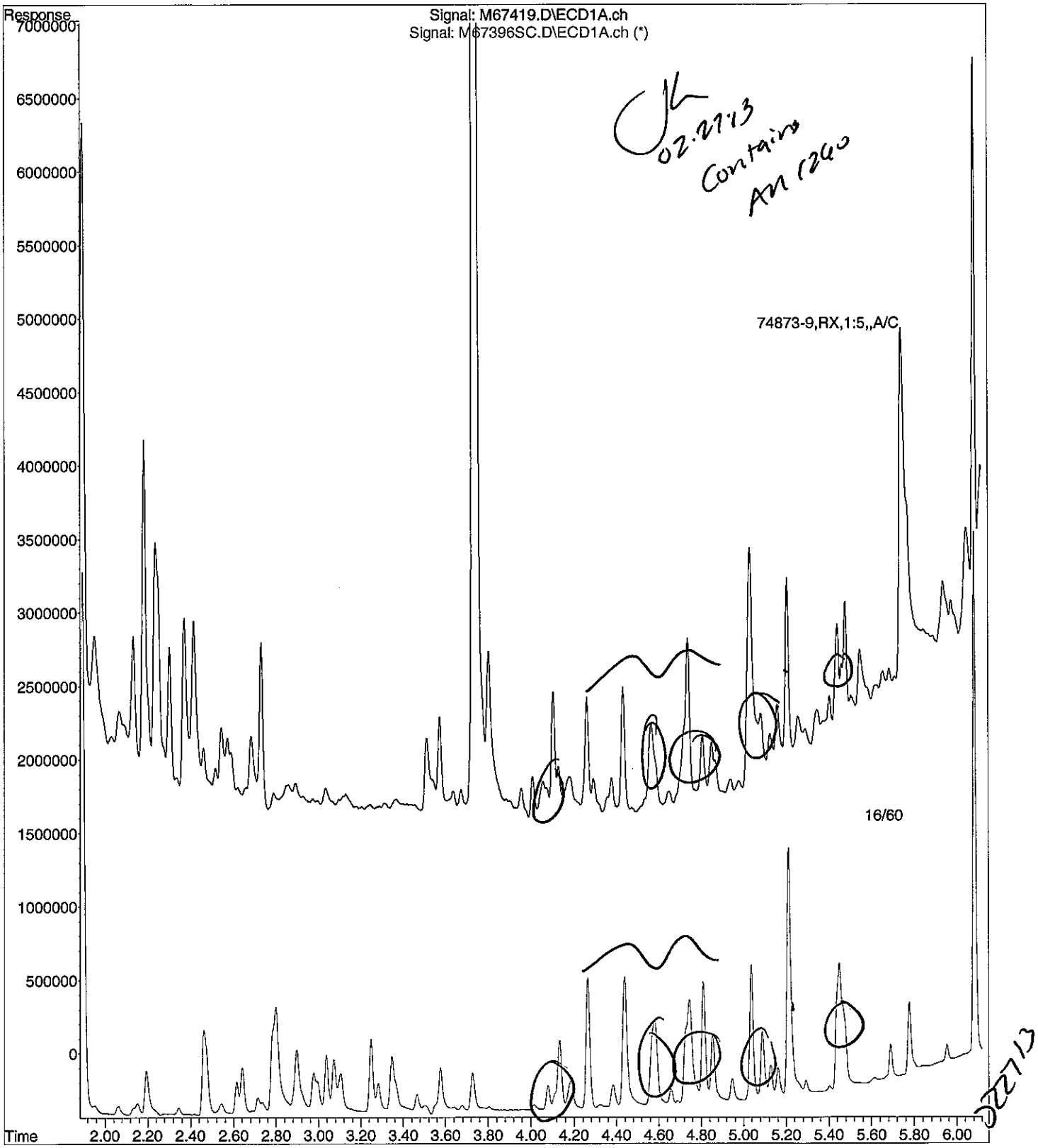
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:44:18 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022613-M\M67419.D
Operator : JK
Acquired : 26 Feb 2013 7:53 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-9,RX,1:5
Misc Info : SOIL
Vial Number: 11



JK 02.27.13 Contains AN 1260

022713

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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-10 RX
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/25/13
Analysis Date:	02/26/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-214 (2-4')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**1280**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	67	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-10,RX,1:5
Data File: M67420.D
Dilution Factor: 5.4

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	1275	942	30.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

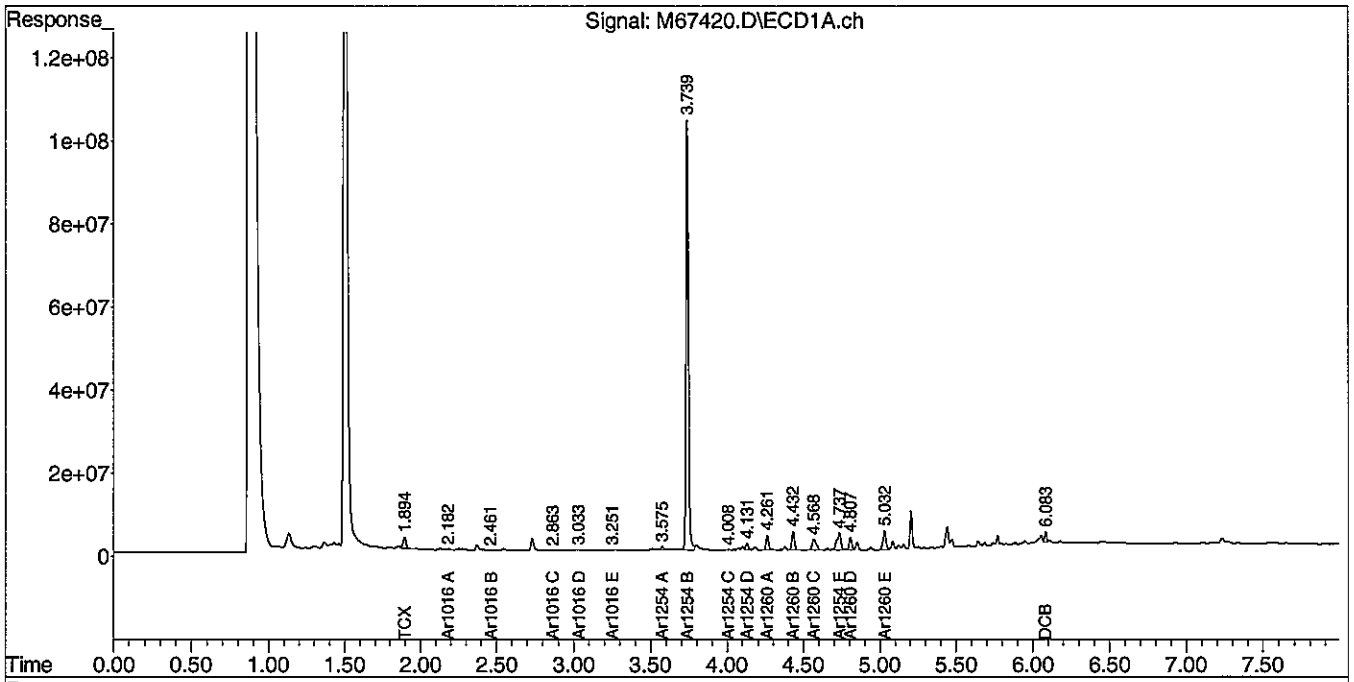
Comments: _____

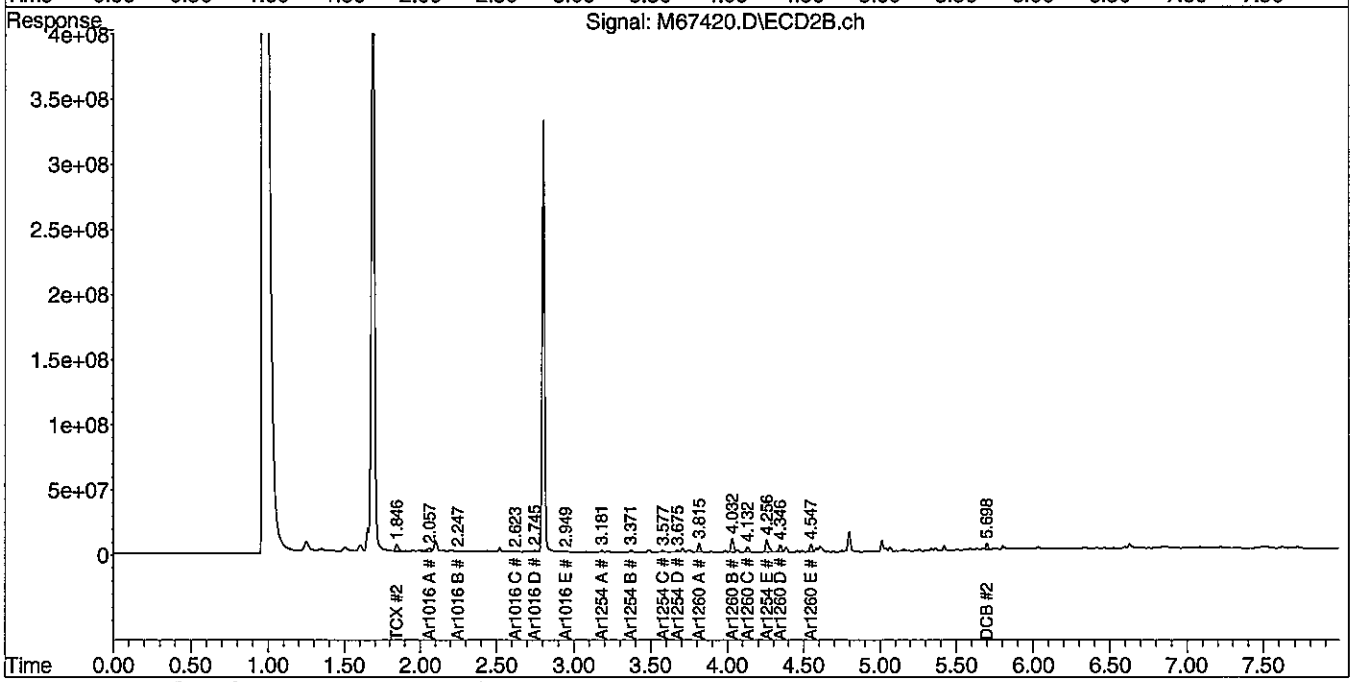
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 8:03 pm
Operator : JK
Sample : 74873-10,RX,1:5
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

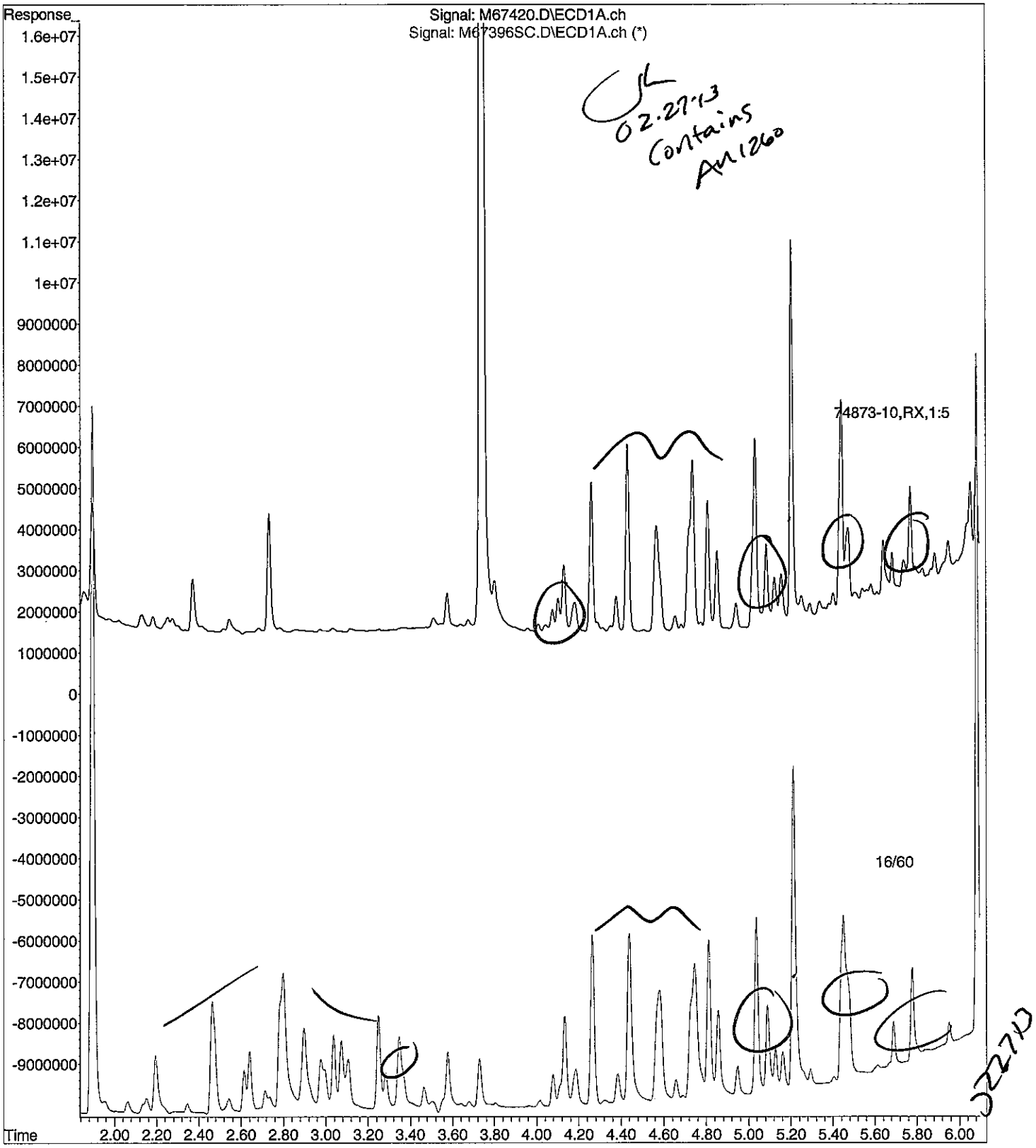
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:45:28 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022613-M\M67420.D
Operator : JK
Acquired : 26 Feb 2013 8:03 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-10,RX,1:5
Misc Info : SOIL
Vial Number: 12



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640 Main Street
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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-11
Matrix:	Solid
Percent Solid:	88
Dilution Factor:	23
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/26/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-214 (4-6')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	759	U
PCB-1221	759	U
PCB-1232	759	U
PCB-1242	759	U
PCB-1248	759	U
PCB-1254	759	U
PCB-1260	759	**17200**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	*	%
Decachlorobiphenyl	*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* The surrogates were diluted out.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-11,1:20,,A/C
Data File: M67421.D
Dilution Factor: 22.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	17238	14457	17.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

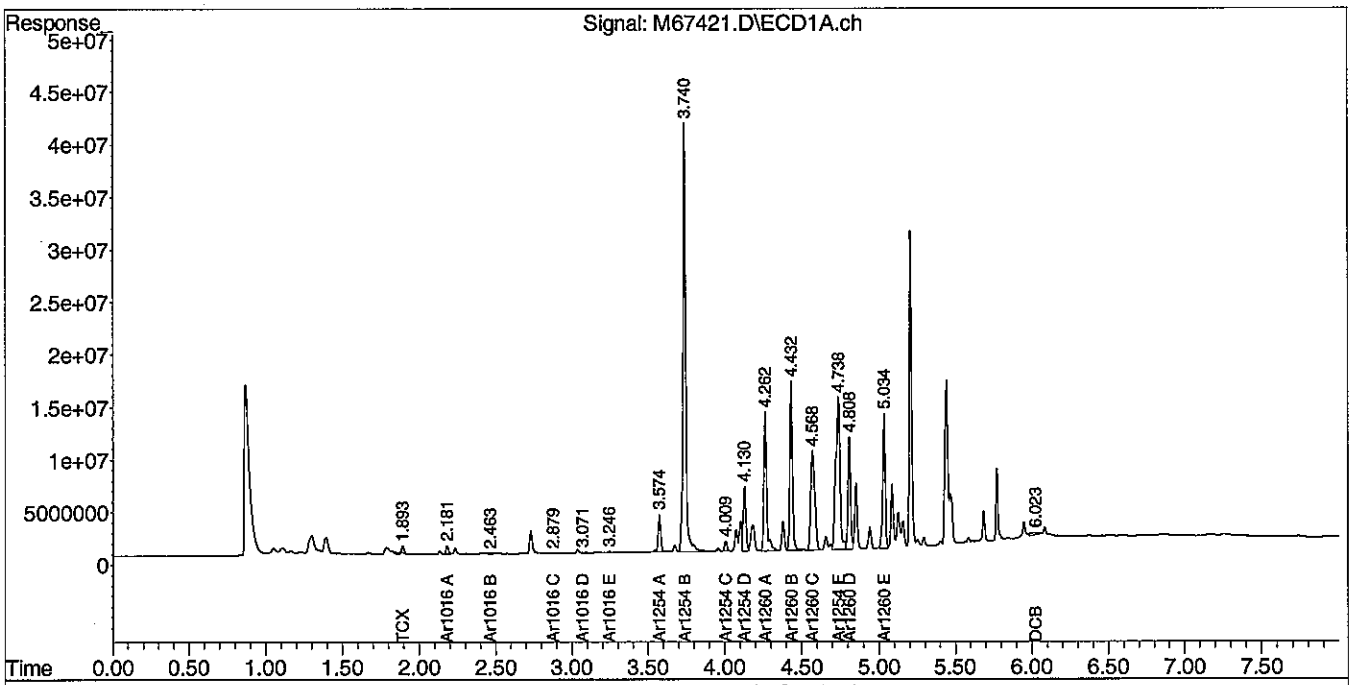
Comments: _____

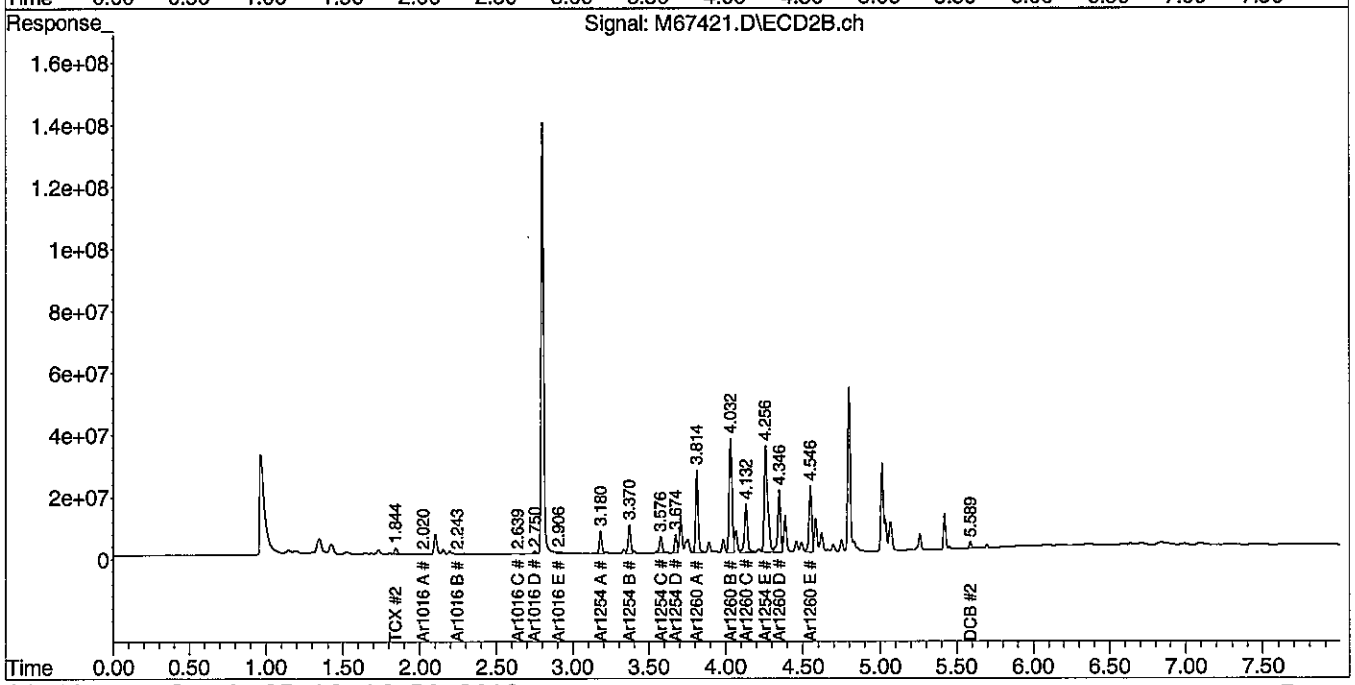
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 8:14 pm
Operator : JK
Sample : 74873-11,1:20,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:23:13 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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640 Main Street
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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-12
Matrix:	Solid
Percent Solid:	87
Dilution Factor:	11
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/26/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-214 (6-7')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	363	U
PCB-1221	363	U
PCB-1232	363	U
PCB-1242	363	U
PCB-1248	363	U
PCB-1254	363	U
PCB-1260	363	**8160**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	93	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-12,1:10,,A/C
Data File: M67422.D
Dilution Factor: 10.9

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	8161	6808	18.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

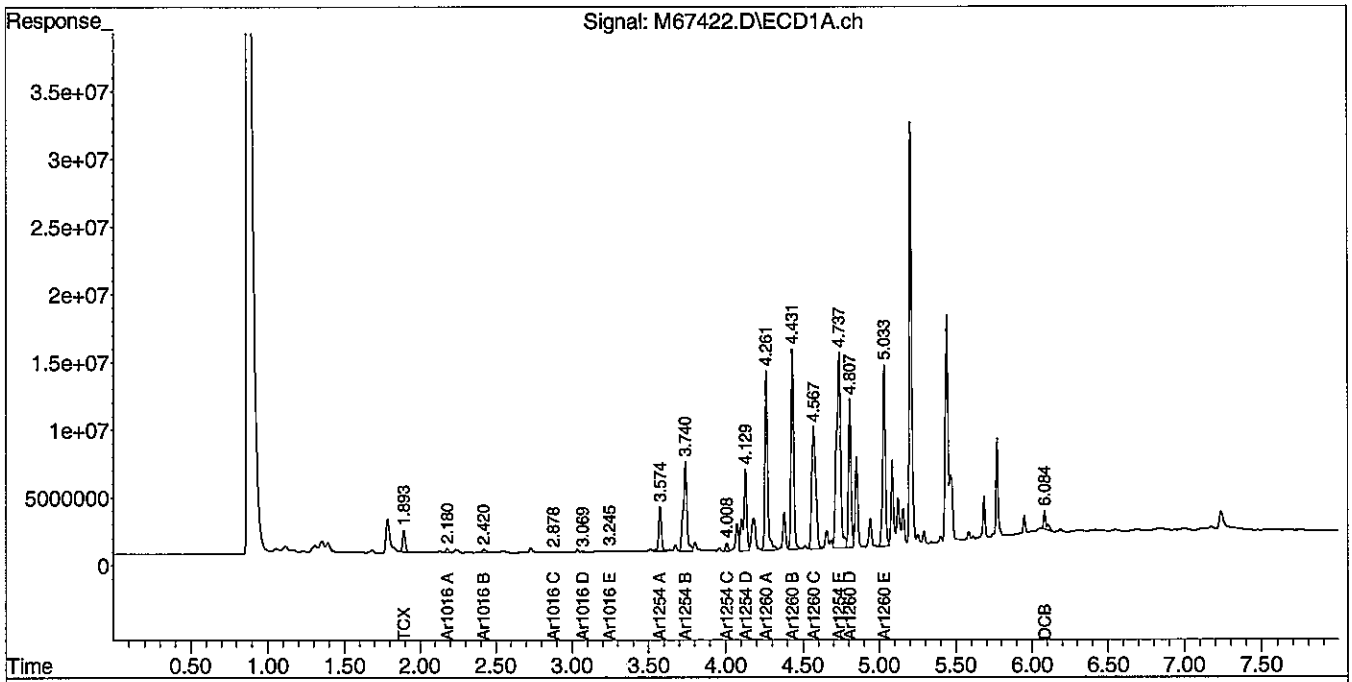
Comments: _____

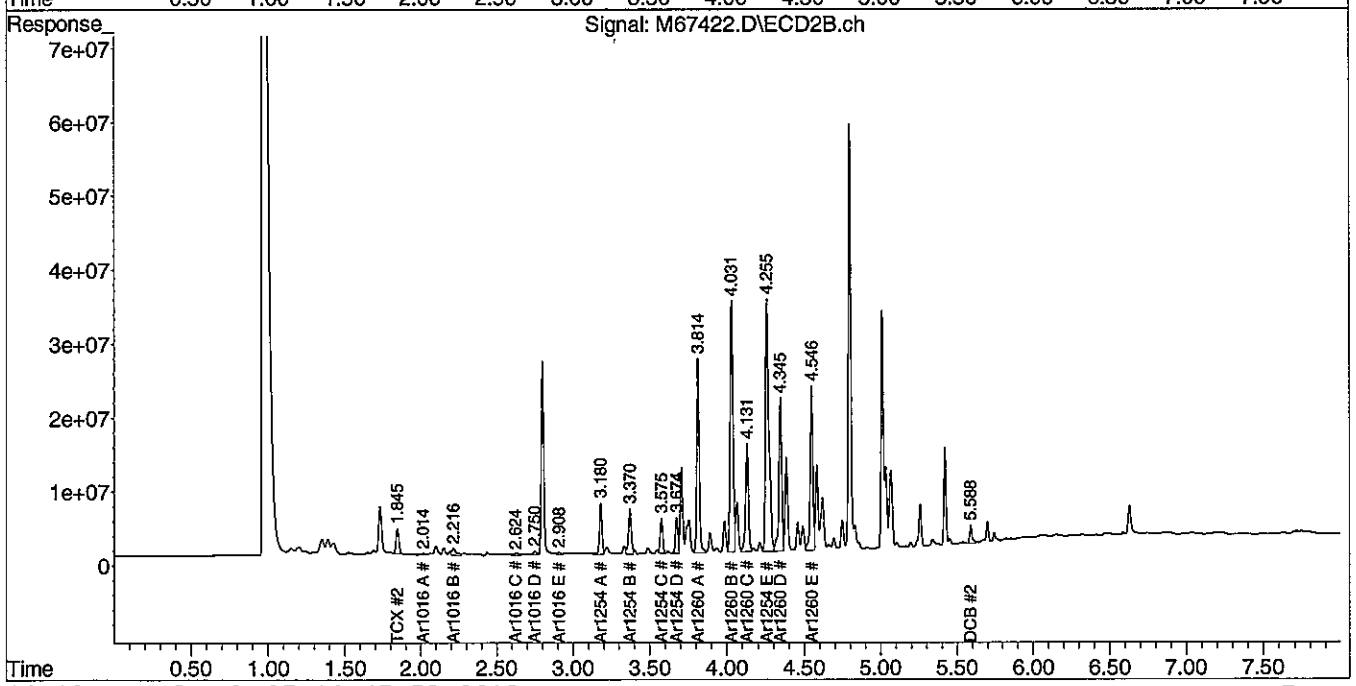
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 8:24 pm
Operator : JK
Sample : 74873-12,1:10,,A/C
Misc : SOIL
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:47:33 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 26, 2013

SAMPLE DATA

Lab Sample ID:	74873-13
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-213 (0-2')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**707**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	111	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-13,1:5,,A/C
Data File: M67264.D
Dilution Factor: 5.3

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	707	625	12.3	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

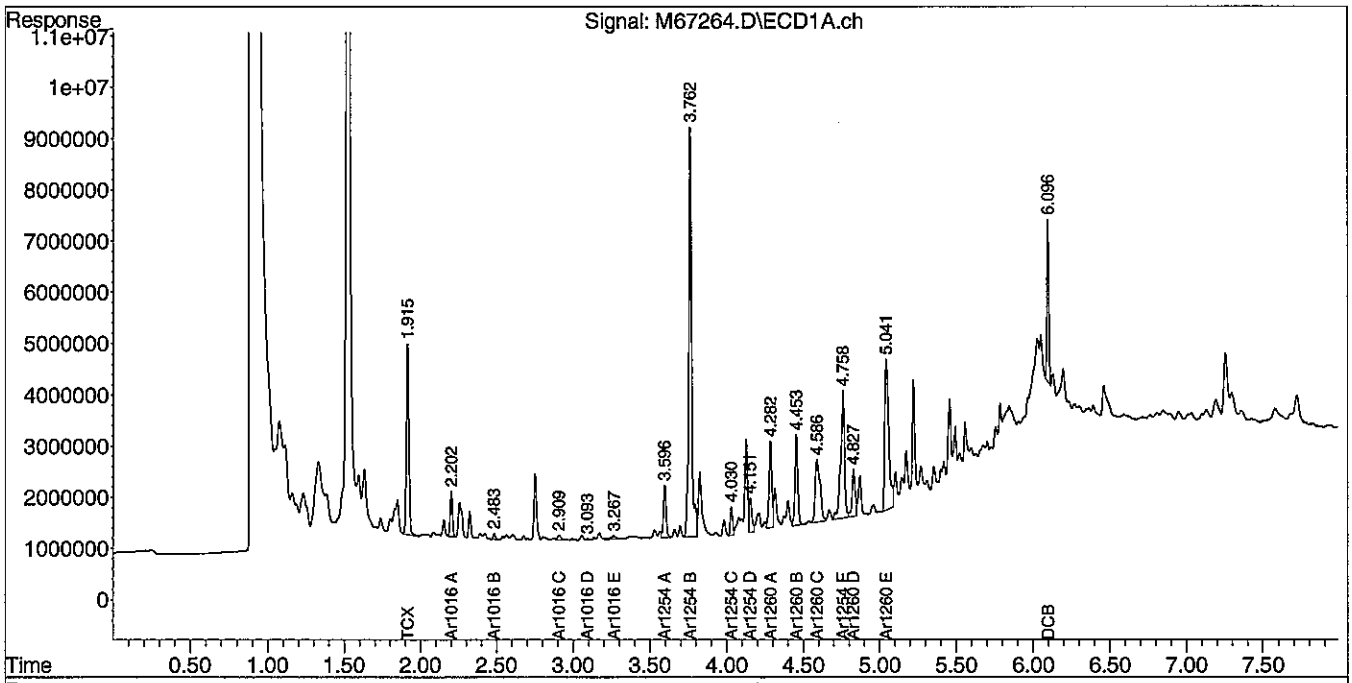
Comments: _____

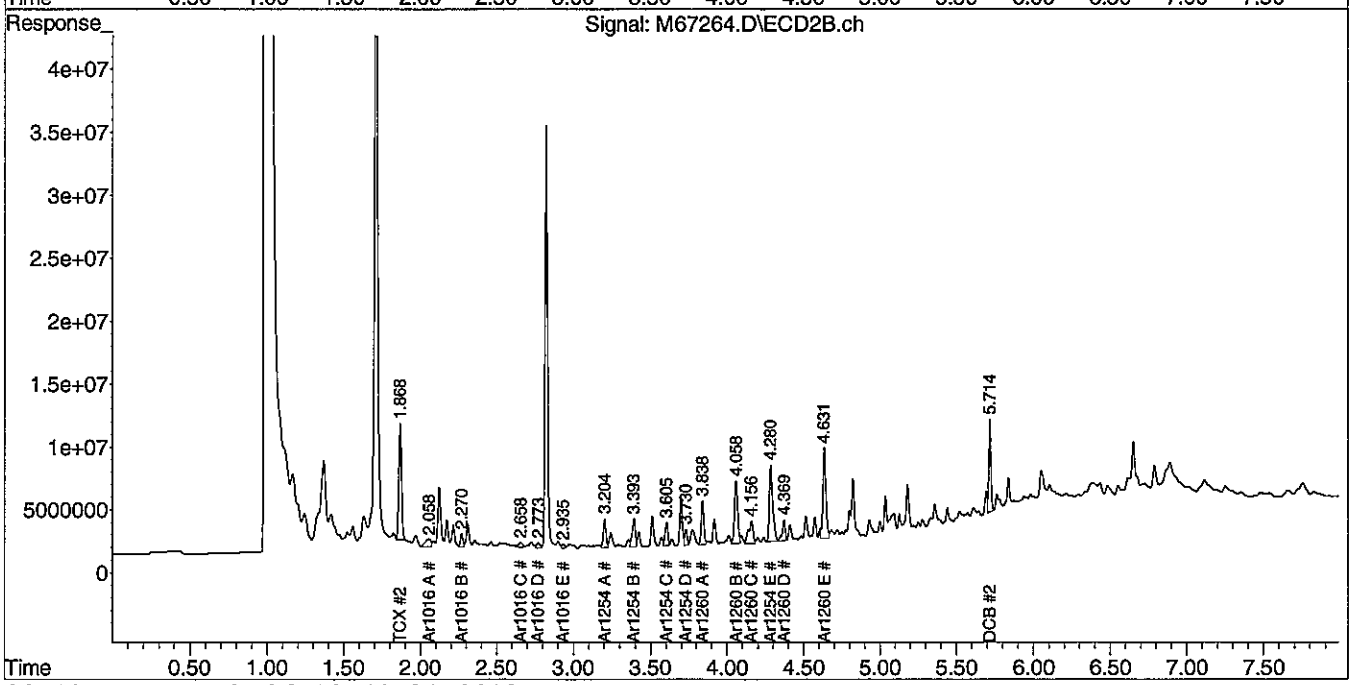
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 9:00 pm
Operator : JK
Sample : 74873-13,1:5,,A/C
Misc : SOIL
ALS Vial : 17 Sample Multiplier: 1

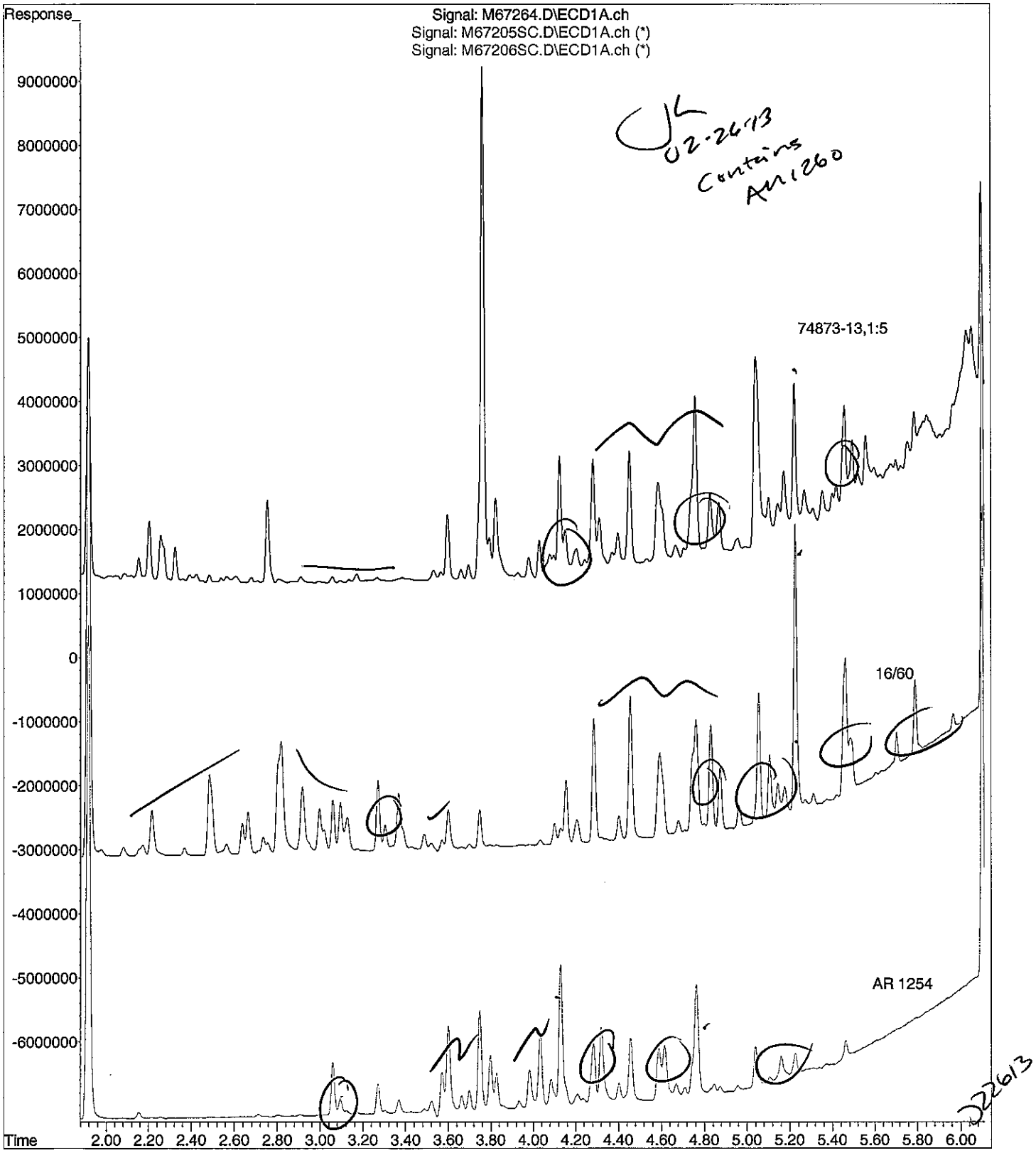
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 26 12:49:20 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022213-M\M67264.D
Operator : JK
Acquired : 22 Feb 2013 9:00 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-13,1:5,,A/C
Misc Info : SOIL
Vial Number: 17



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February 26, 2013

SAMPLE DATA

Lab Sample ID:	74873-14
Matrix:	Solid
Percent Solid:	94
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-213 (2-4')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**585**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	78	%
Decachlorobiphenyl	56	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-14,1:5,,A/C
Data File: M67265.D
Dilution Factor: 5.1

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	585	548	6.4	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

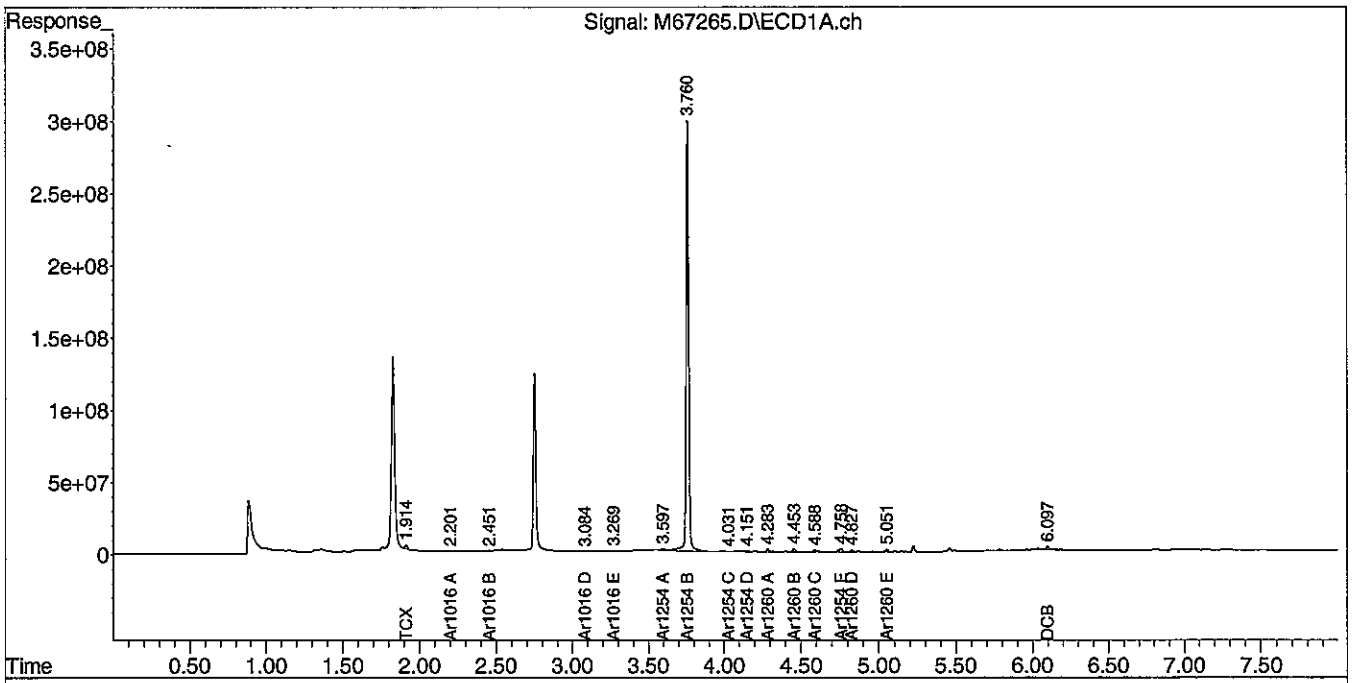
Comments: _____

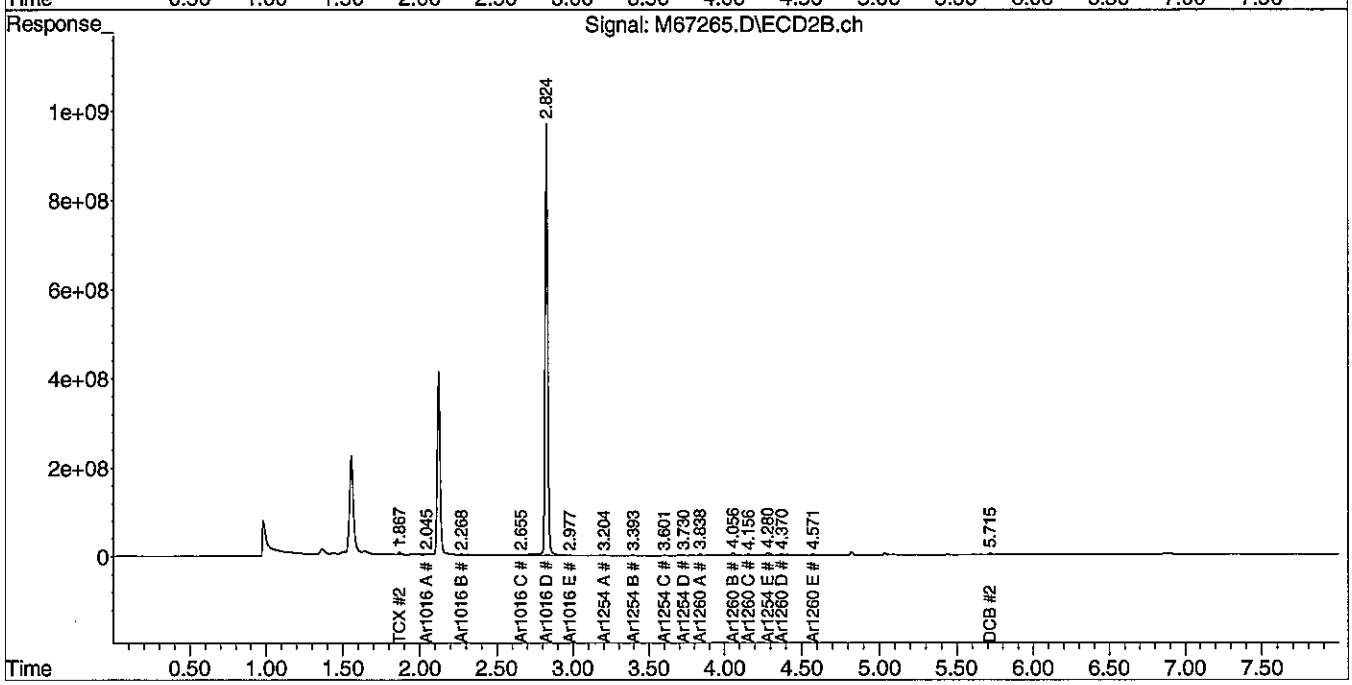
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 9:10 pm
Operator : JK
Sample : 74873-14,1:5,,A/C
Misc : SOIL
ALS Vial : 18 Sample Multiplier: 1

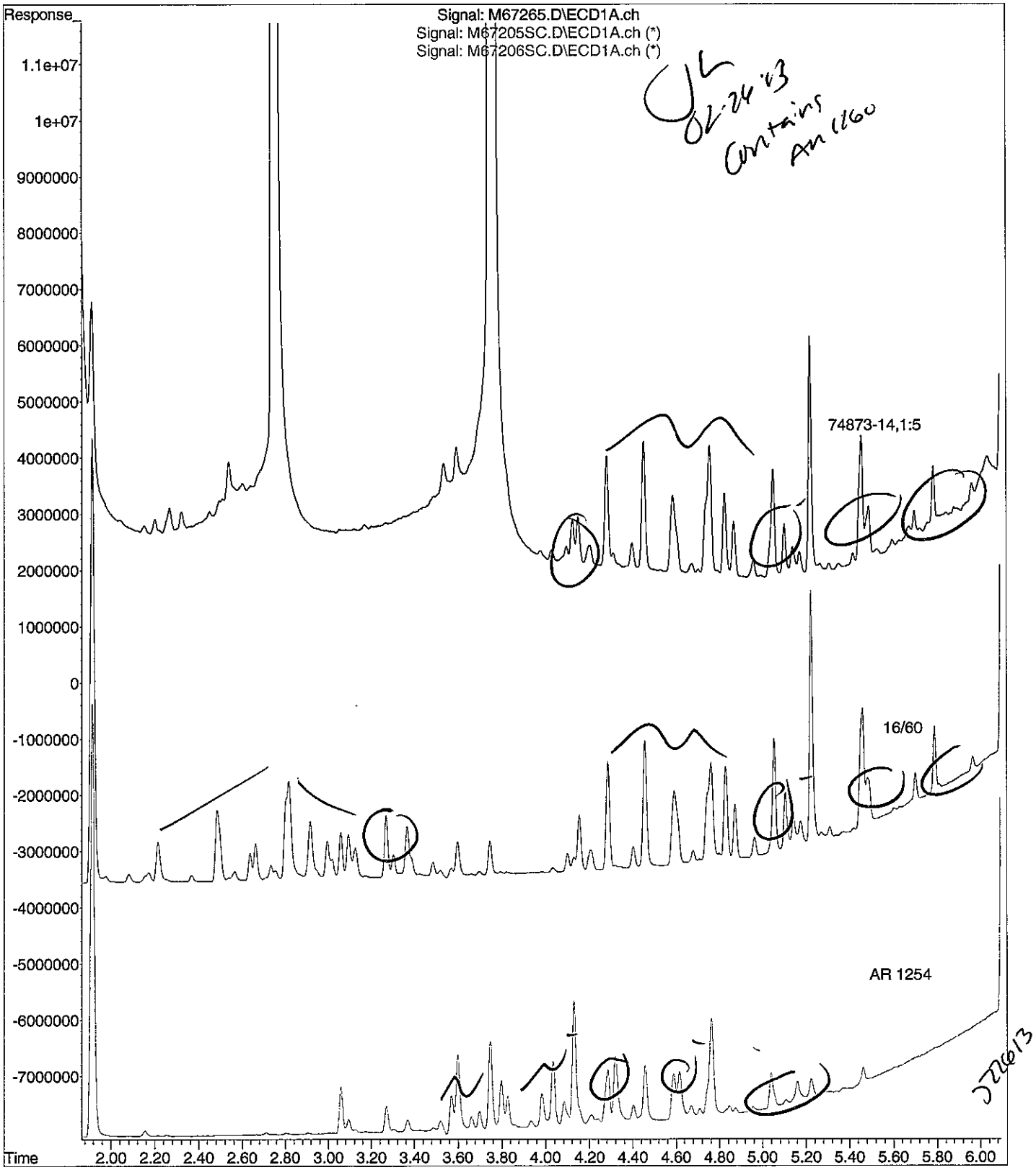
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 26 12:51:55 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:29 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022213-M\M67265.D
Operator : JK
Acquired : 22 Feb 2013 9:10 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-14,1:5,,A/C
Misc Info : SOIL
Vial Number: 18



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640 Main Street
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February 26, 2013

SAMPLE DATA

Lab Sample ID:	74873-15
Matrix:	Solid
Percent Solid:	91
Dilution Factor:	5
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-213 (4-6')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	165	U
PCB-1221	165	U
PCB-1232	165	U
PCB-1242	165	U
PCB-1248	165	U
PCB-1254	165	U
PCB-1260	165	**1790**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	59	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-15,1:5,,A/C
Data File: M67266.D
Dilution Factor: 5.2

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	1791	1562	13.7	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

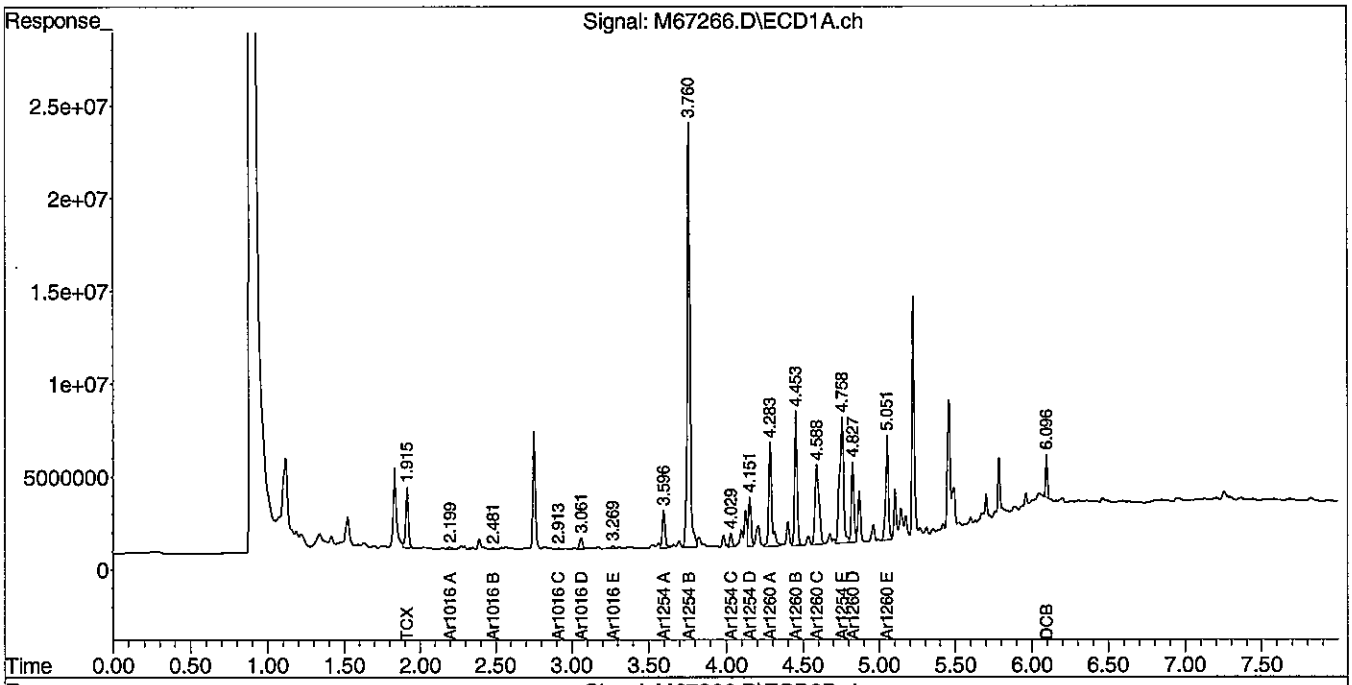
Comments: _____

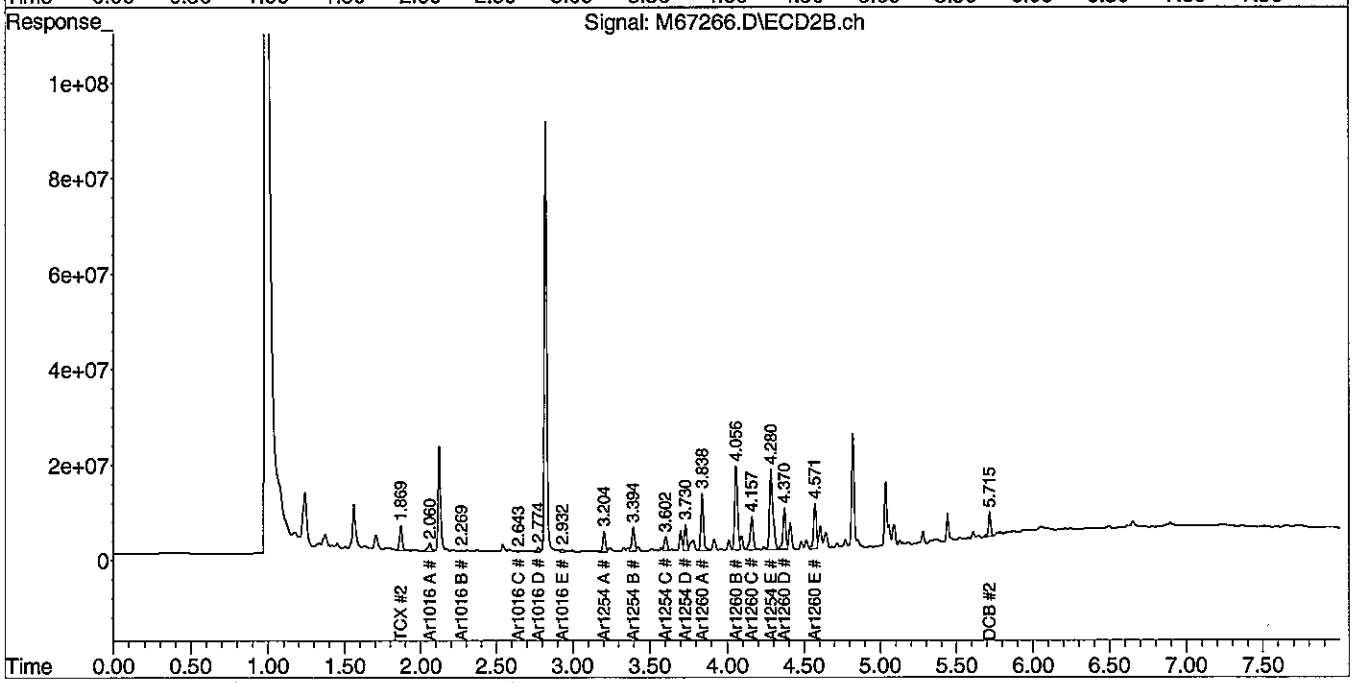
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 9:20 pm
Operator : JK
Sample : 74873-15,1:5,,A/C
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

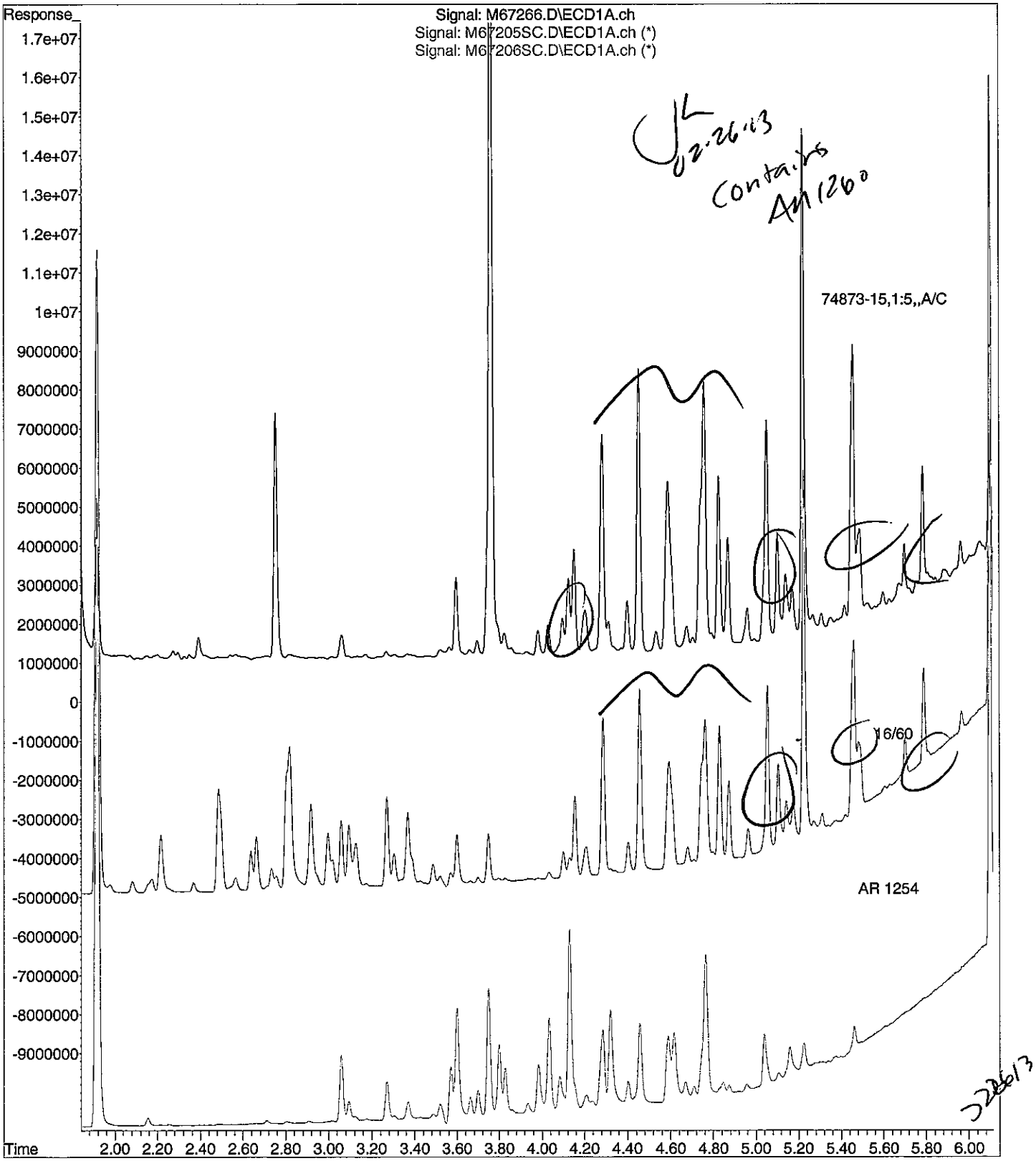
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 26 12:51:21 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022213-M\M67266.D
Operator : JK
Acquired : 22 Feb 2013 9:20 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-15,1:5,,A/C
Misc Info : SOIL
Vial Number: 19



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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-16
Matrix:	Solid
Percent Solid:	90
Dilution Factor:	11
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/26/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-213 (6-7.5')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	363	U
PCB-1221	363	U
PCB-1232	363	U
PCB-1242	363	U
PCB-1248	363	U
PCB-1254	363	U
PCB-1260	363	**9140**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	99	%
Decachlorobiphenyl	100	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-16,1:10,,A/C
Data File: M67423.D
Dilution Factor: 10.7

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	9144	7785	16.0	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

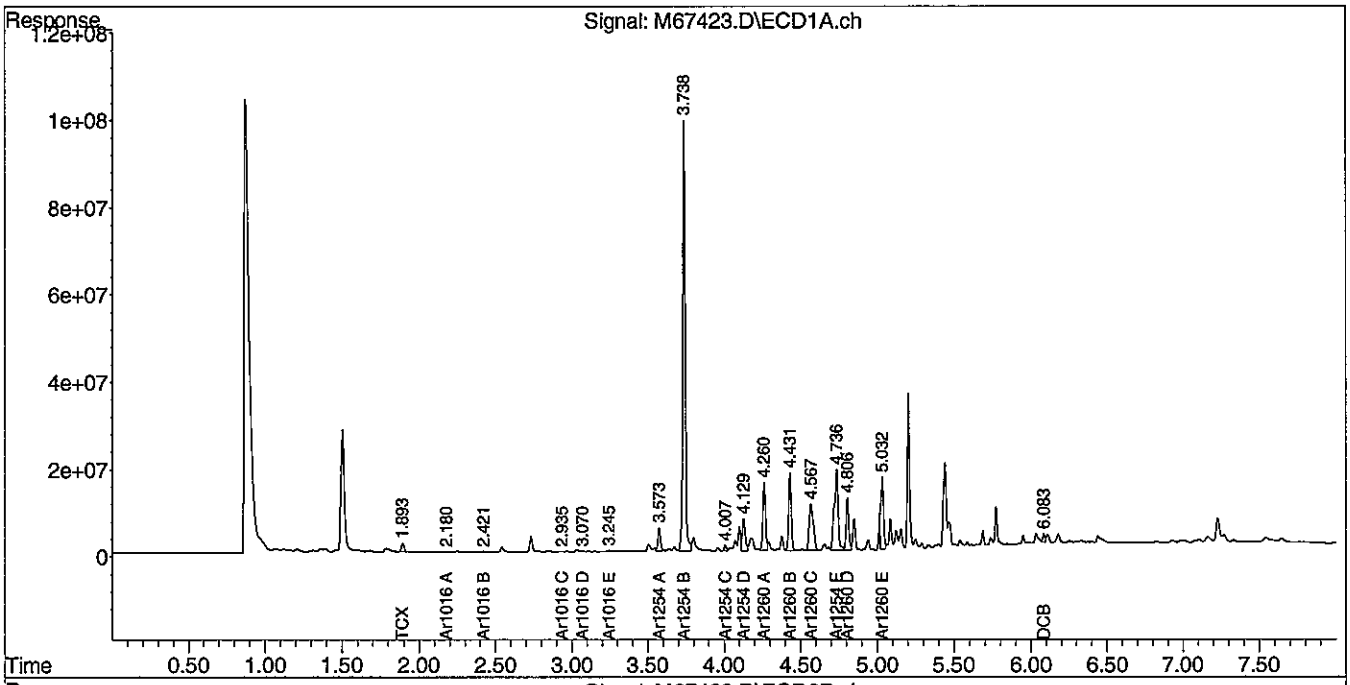
Comments: _____

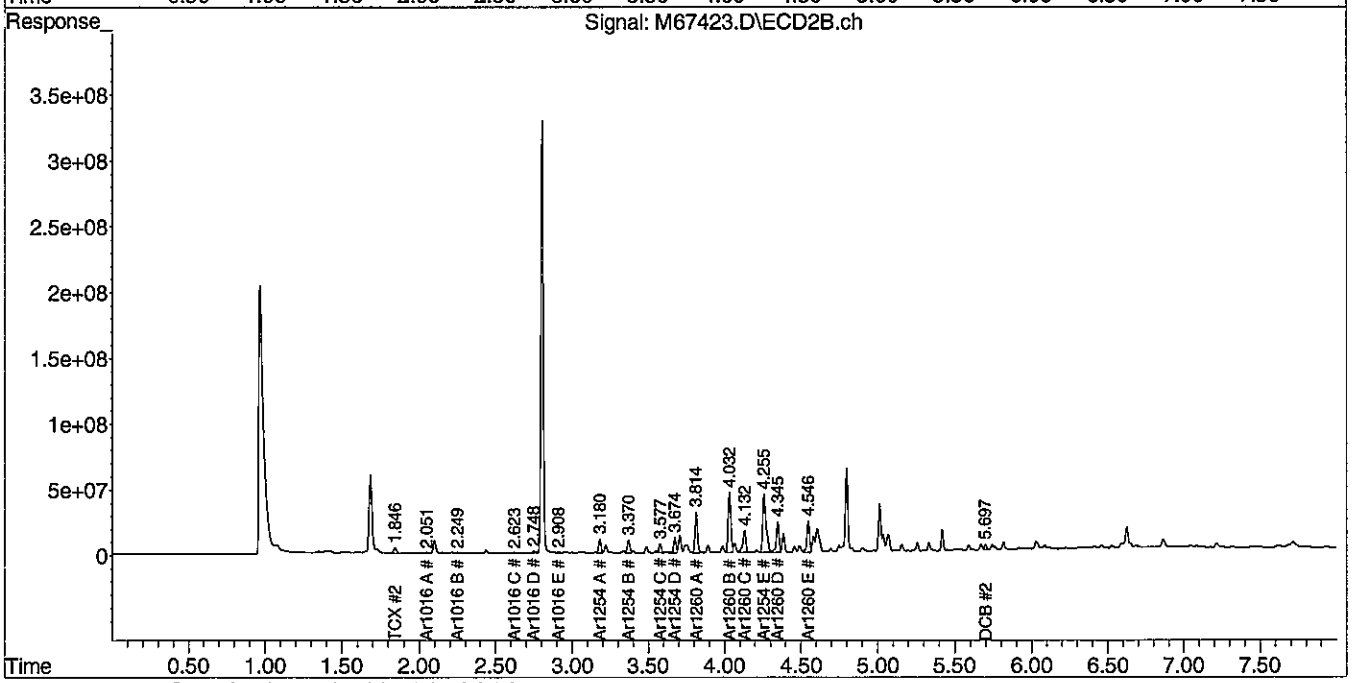
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 8:34 pm
Operator : JK
Sample : 74873-16,1:10,,A/C
Misc : SOIL
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:49:10 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 26, 2013

SAMPLE DATA

Lab Sample ID:	74873-17
Matrix:	Solid
Percent Solid:	53
Dilution Factor:	9
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/21/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-217 (0-2')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	297	U
PCB-1221	297	U
PCB-1232	297	U
PCB-1242	297	U
PCB-1248	297	U
PCB-1254	297	U
PCB-1260	297	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	87	%
Decachlorobiphenyl	80	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* Quantitation limits increased due to the sample matrix affect.

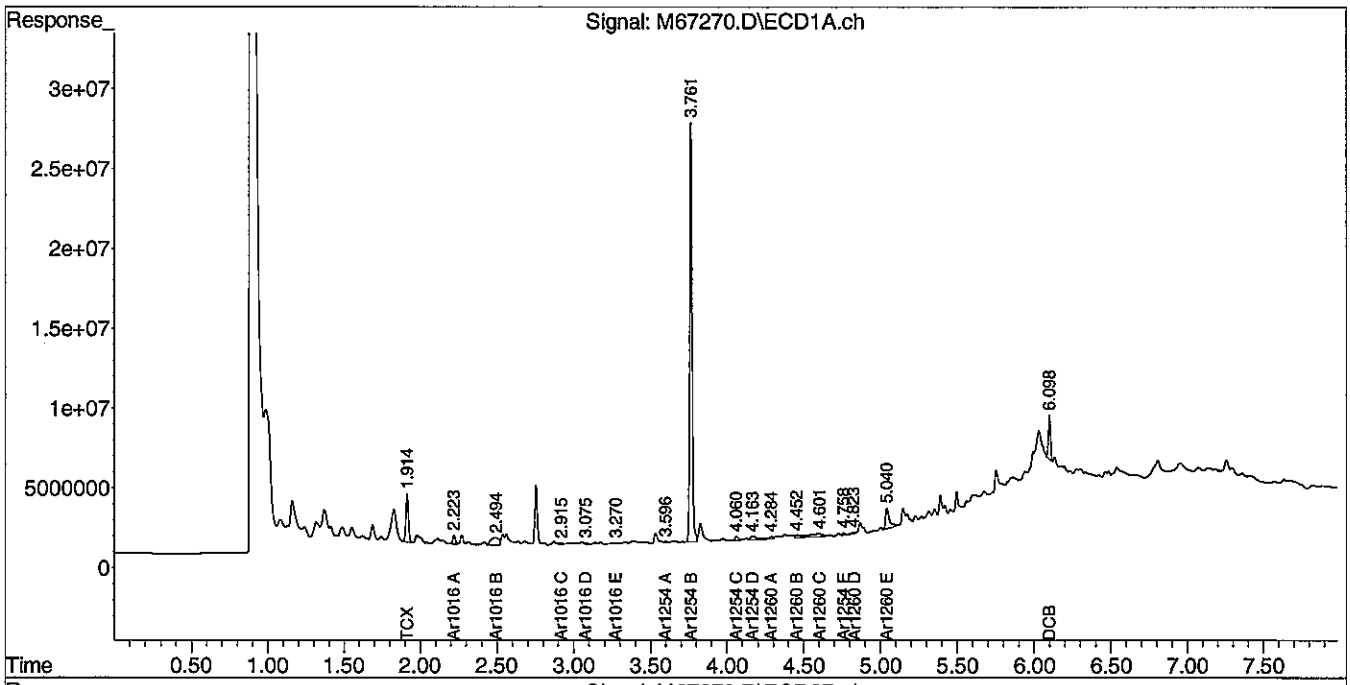
PCB Report

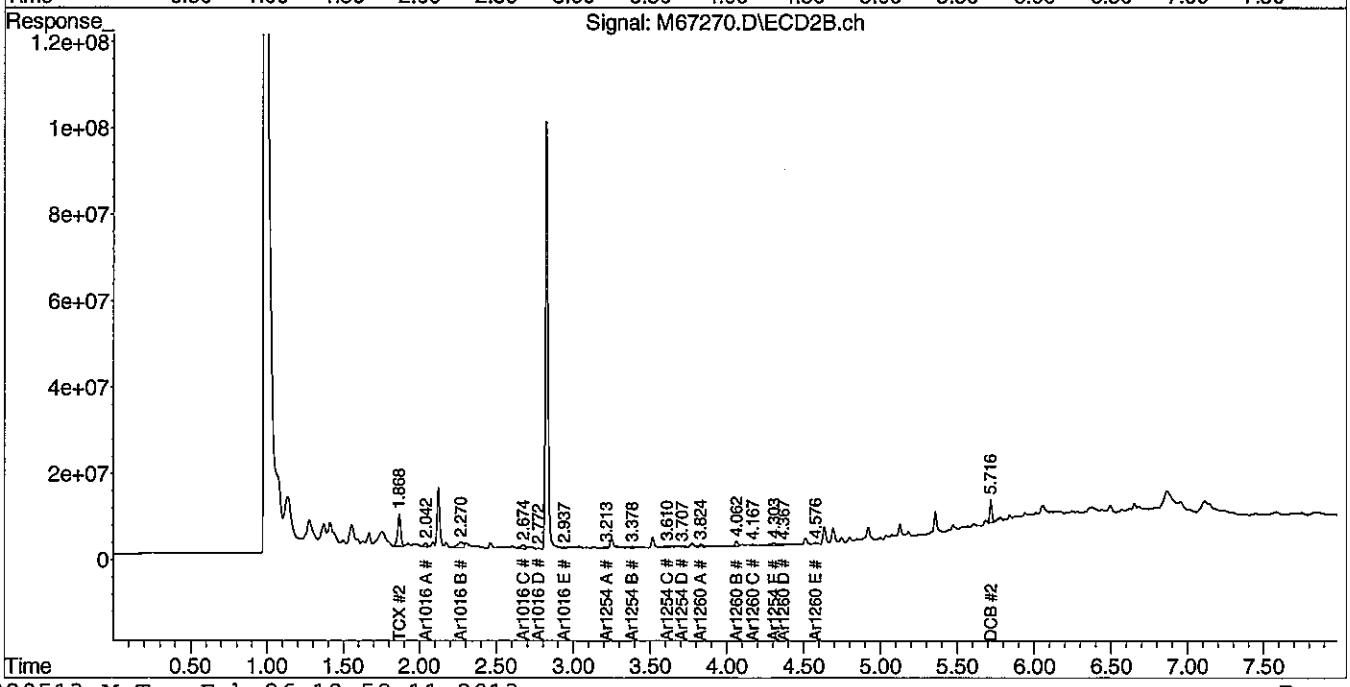
Authorized signature

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 10:00 pm
Operator : JK
Sample : 74873-17,1:5,,A/C
Misc : SOIL
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 26 12:57:42 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-18
Matrix:	Solid
Percent Solid:	86
Dilution Factor:	6
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/22/13
Analysis Date:	02/27/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-217 (2-4')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	198	U
PCB-1221	198	U
PCB-1232	198	U
PCB-1242	198	U
PCB-1248	198	U
PCB-1254	198	U
PCB-1260	198	**1160**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	134*	%
Decachlorobiphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* Surrogate recovery outside control limits. Secondary surrogate is in control.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-18,1:5,,A/C
Data File: M67457.D
Dilution Factor: 5.6

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	1159	943	20.6	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

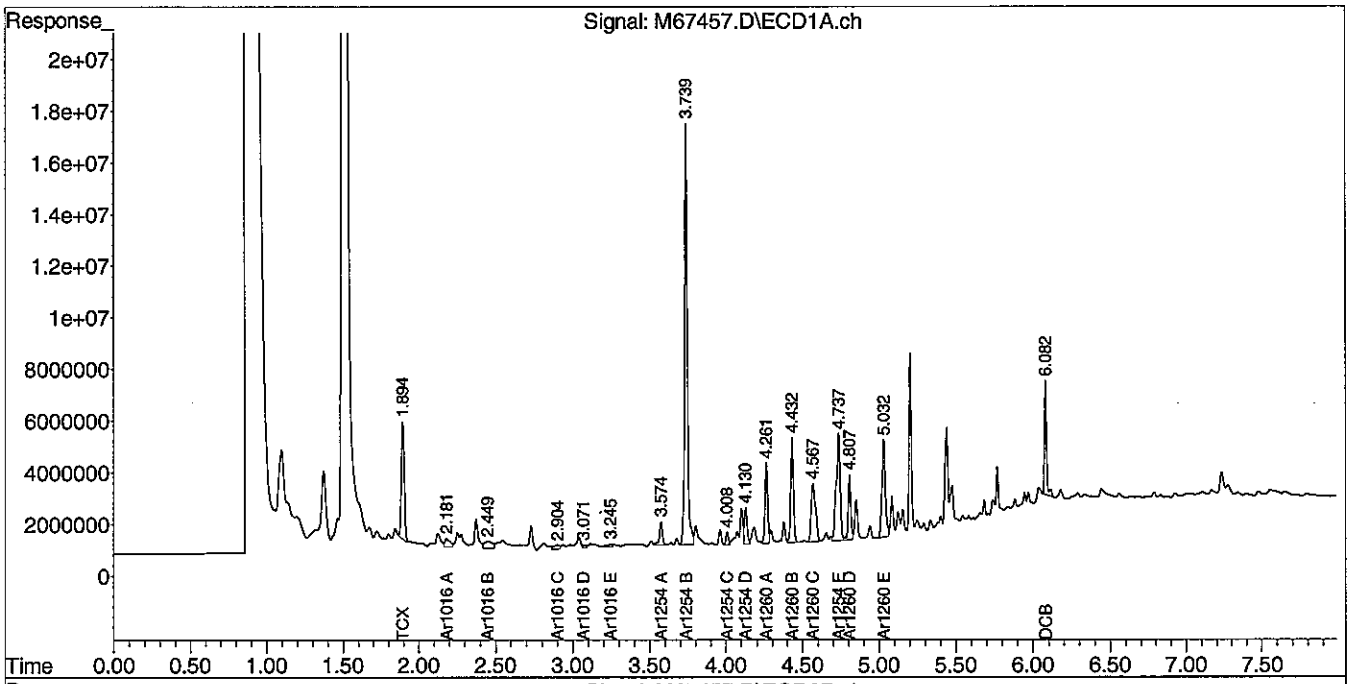
Comments: _____

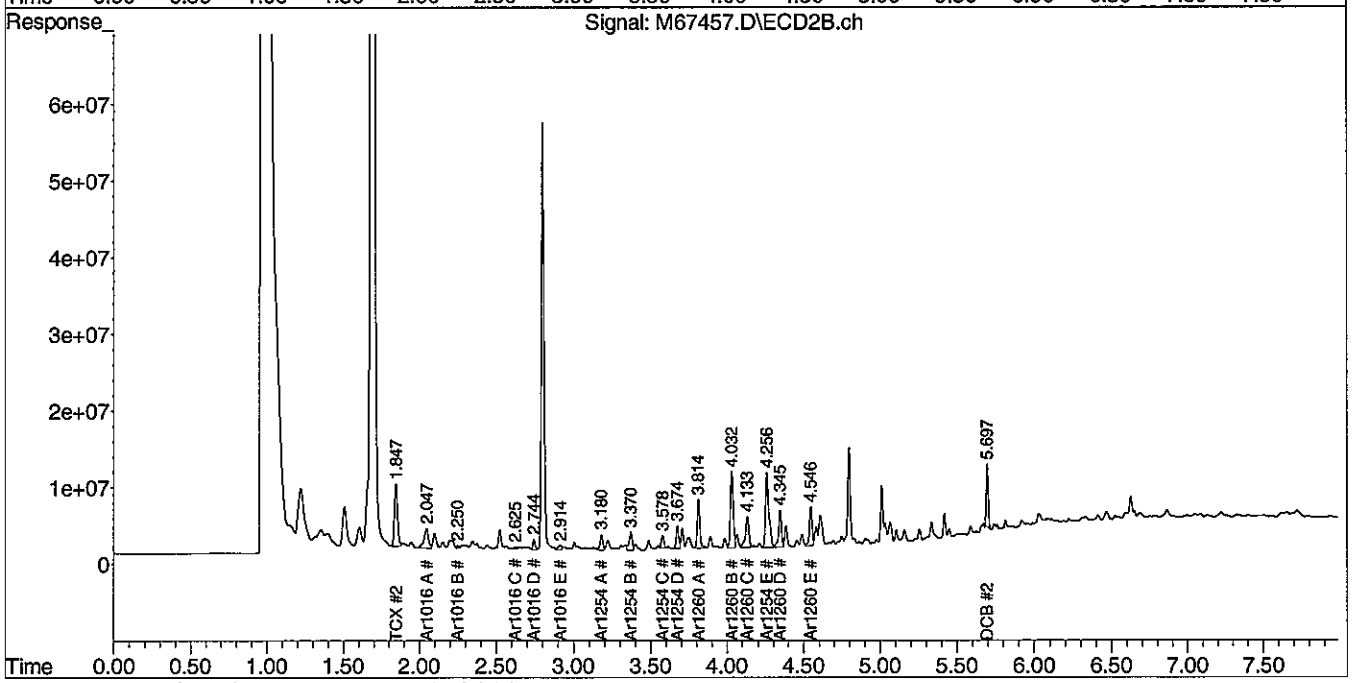
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2013 2:16 am
Operator : JK
Sample : 74873-18,1:5,,A/C
Misc : SOIL
ALS Vial : 41 Sample Multiplier: 1

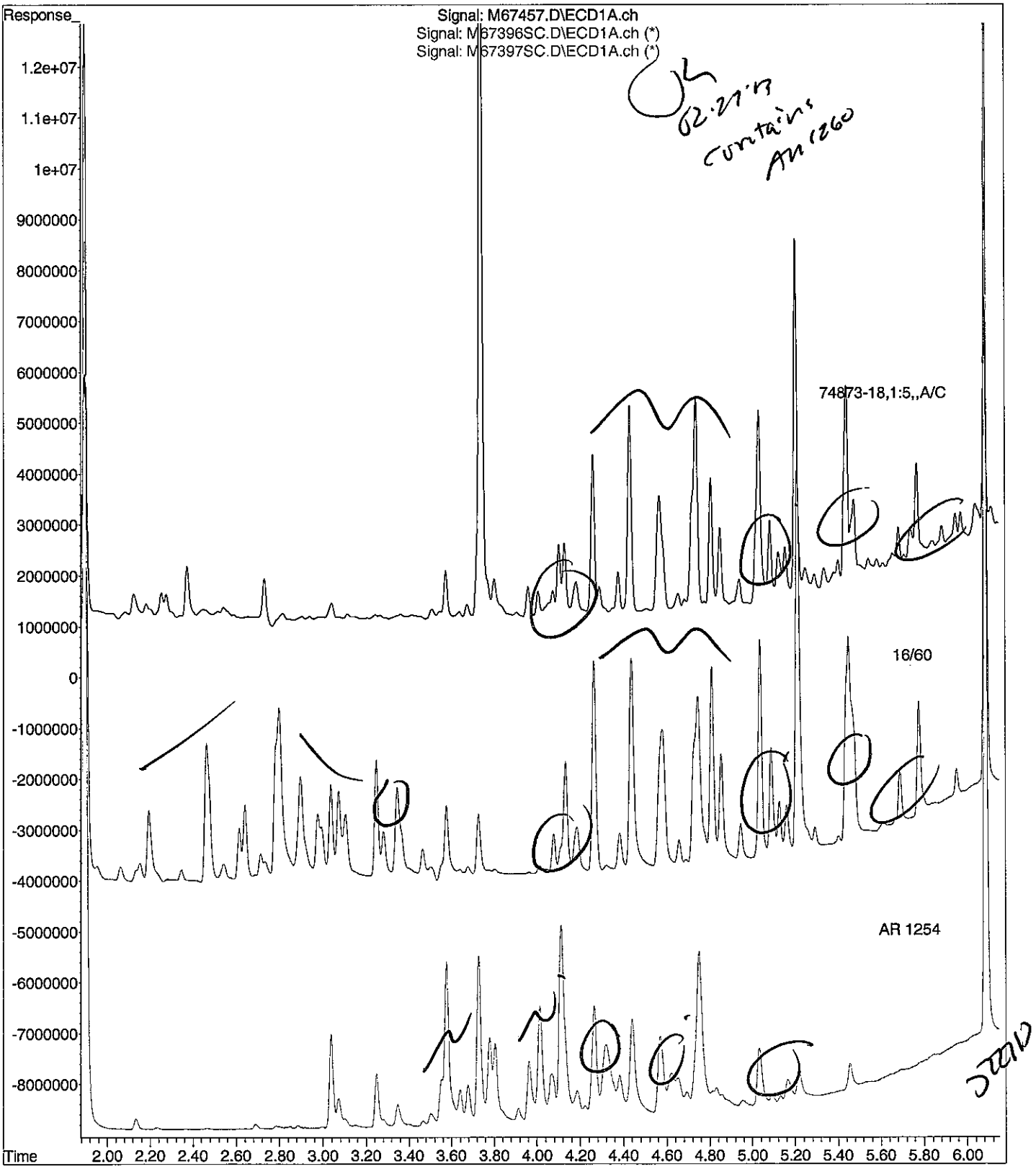
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 12:49:43 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022613-M\M67457.D
Operator : JK
Acquired : 27 Feb 2013 2:16 am using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-18,1:5,,A/C
Misc Info : SOIL
Vial Number: 41



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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-19
Matrix:	Solid
Percent Solid:	93
Dilution Factor:	1.0
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/22/13
Analysis Date:	02/27/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-217 (4-6')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	**853**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	80	%
Decachlorobiphenyl	72	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-19,,A/C
Data File: M67458.D
Dilution Factor: 1.0

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	853	726	16.1	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

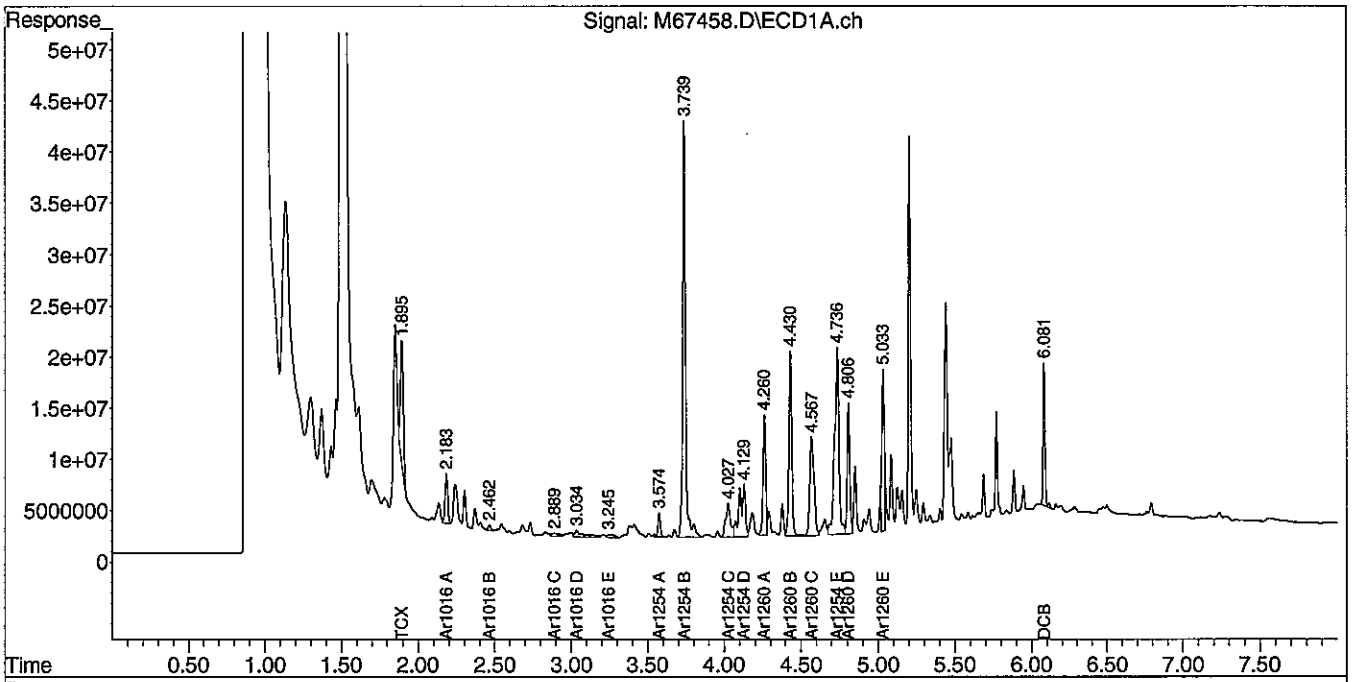
Comments: _____

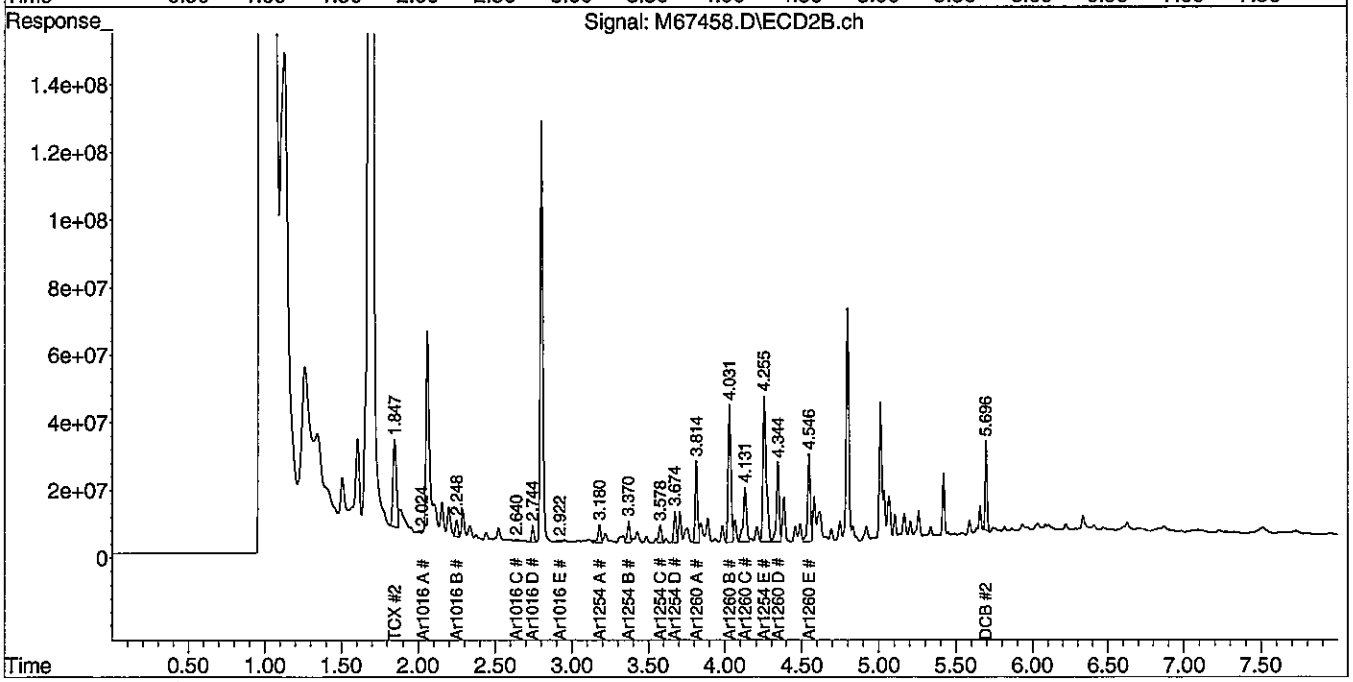
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2013 2:26 am
Operator : JK
Sample : 74873-19,,A/C
Misc : SOIL
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 12:51:35 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 27, 2013

SAMPLE DATA

Lab Sample ID:	74873-20
Matrix:	Solid
Percent Solid:	89
Dilution Factor:	11
Collection Date:	02/19/13
Lab Receipt Date:	02/20/13
Extraction Date:	02/22/13
Analysis Date:	02/27/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	SE-SB-217 (8-10')

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	363	U
PCB-1221	363	U
PCB-1232	363	U
PCB-1242	363	U
PCB-1248	363	U
PCB-1254	363	**7860**
PCB-1260	363	**6680**

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	115	%
Decachlorobiphenyl	89	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

PCB Report

Authorized signature

PCB
COLUMN RELATIVE PERCENT DIFFERENCE

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873
Sample: 74873-20,1:10,,A/C
Data File: M67504.D
Dilution Factor: 10.7

	Column #1	Column #2		
COMPOUND	SAMPLE RESULT (ug/kg)	SAMPLE RESULT (ug/kg)	RPD	#
PCB 1260	6684	5068	27.5	
PCB 1254	7859	6730	15.5	

Column to be used to flag RPD values greater than QC limit of 40%

* Values outside QC limits

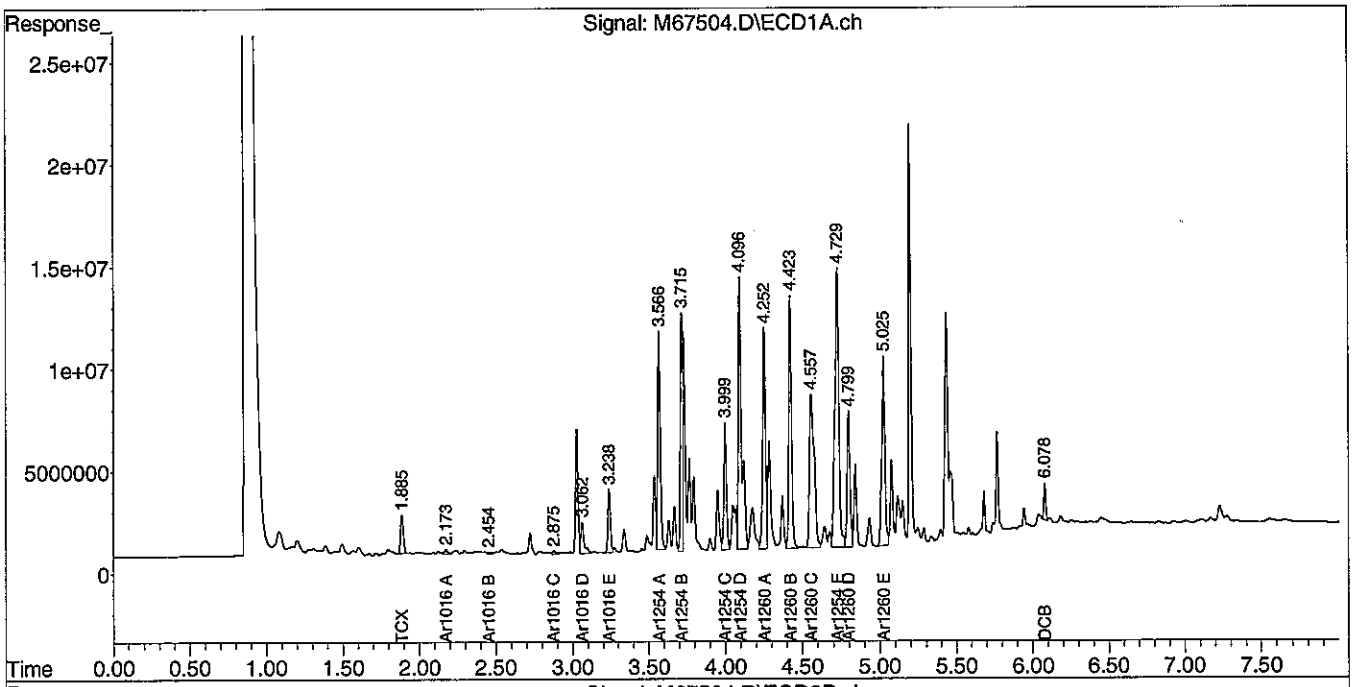
Comments: _____

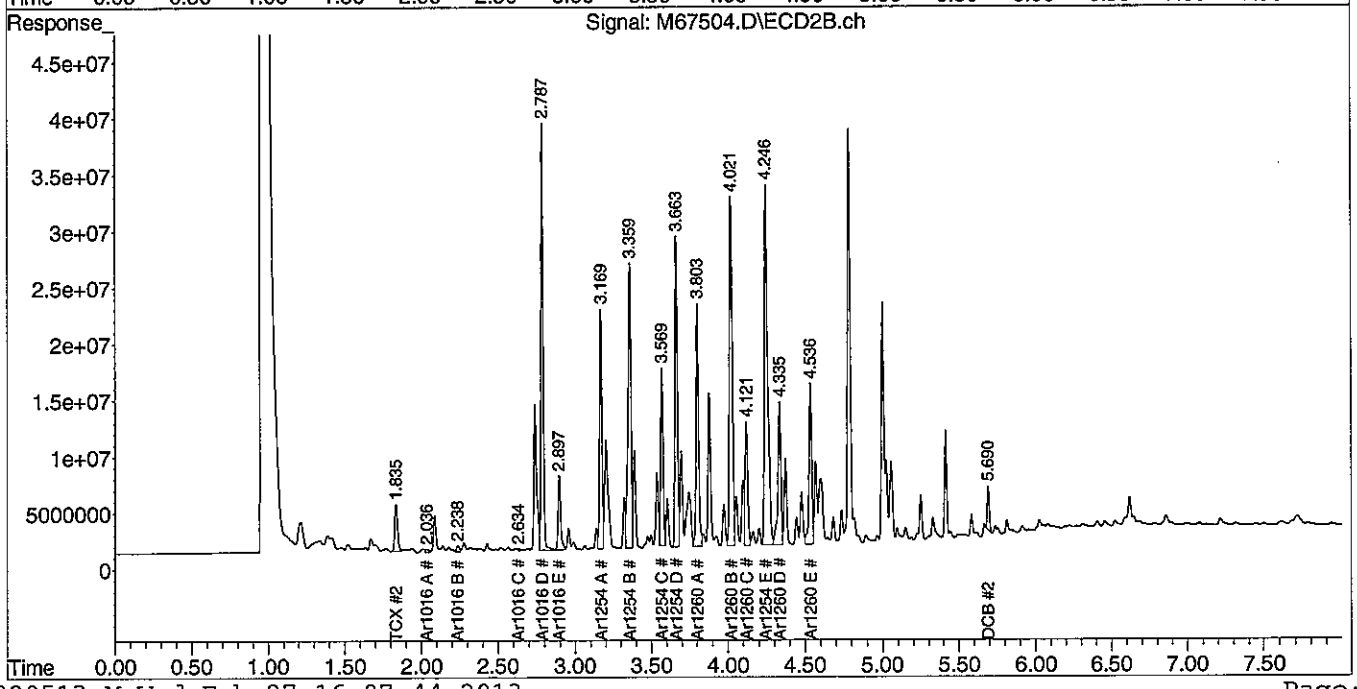
PCB FORM 10

Data Path : C:\msdchem\1\DATA\022713-M\
Data File : M67504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2013 1:29 pm
Operator : JK
Sample : 74873-20,1:10,,A/C
Misc : SOIL
ALS Vial : 7 Sample Multiplier: 1

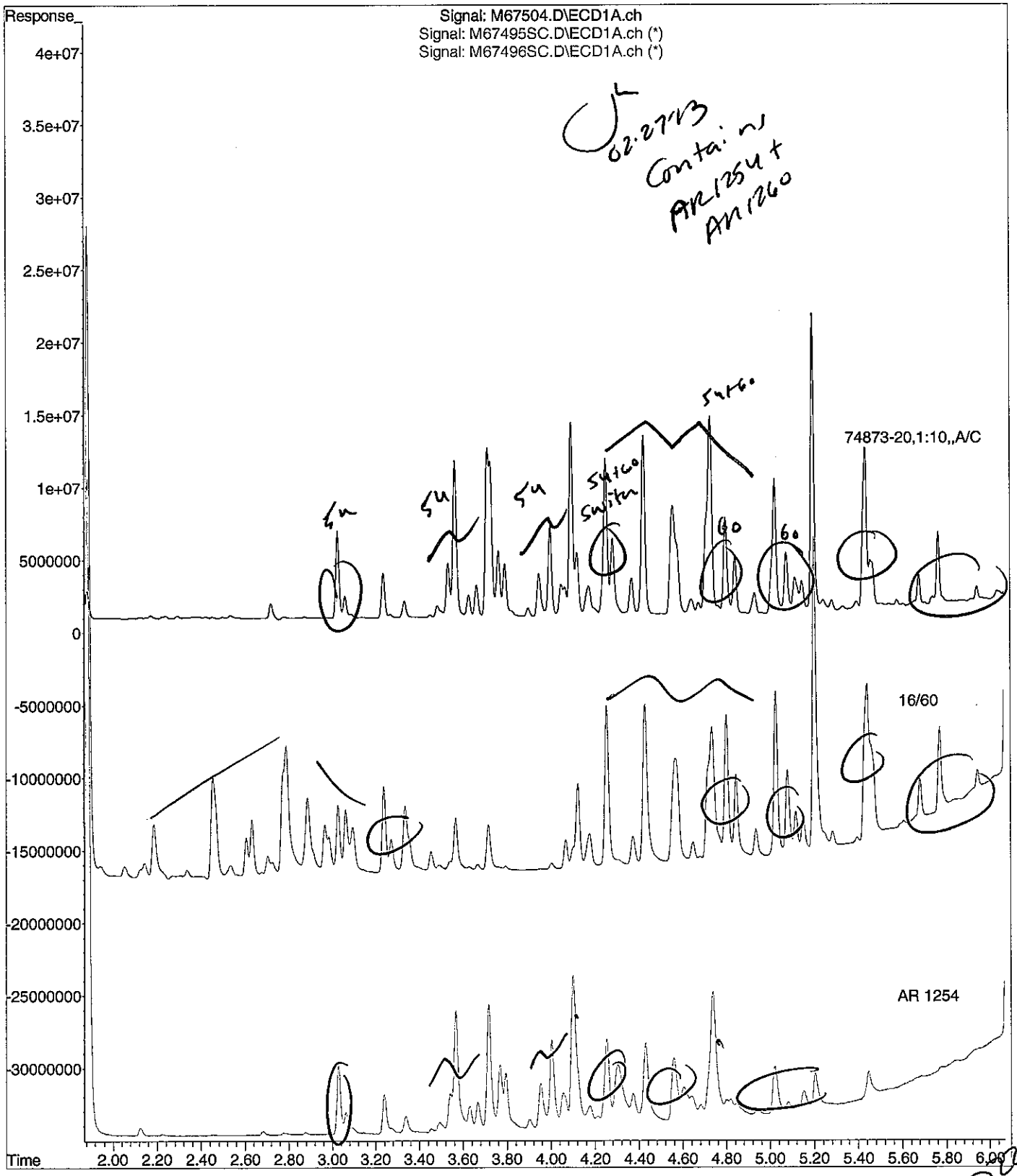
Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 16:07:39 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





File :C:\msdchem\1\DATA\022713-M\M67504.D
Operator : JK
Acquired : 27 Feb 2013 1:29 pm using AcqMethod PCB.M
Instrument : Instrument M
Sample Name: 74873-20,1:10,,A/C
Misc Info : SOIL
Vial Number: 7



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PCB
QC FORMS

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:PCBQC.doc

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February 22, 2013

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: MAINE ENERGY

Project Number: 12-3259.1

Field Sample ID: Lab QC

Lab Sample ID: B022013PSOX2 RR
Matrix: Soil
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 02/20/13
Analysis Date: 02/22/13

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	103	%
Decachlorobiphenyl	94	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

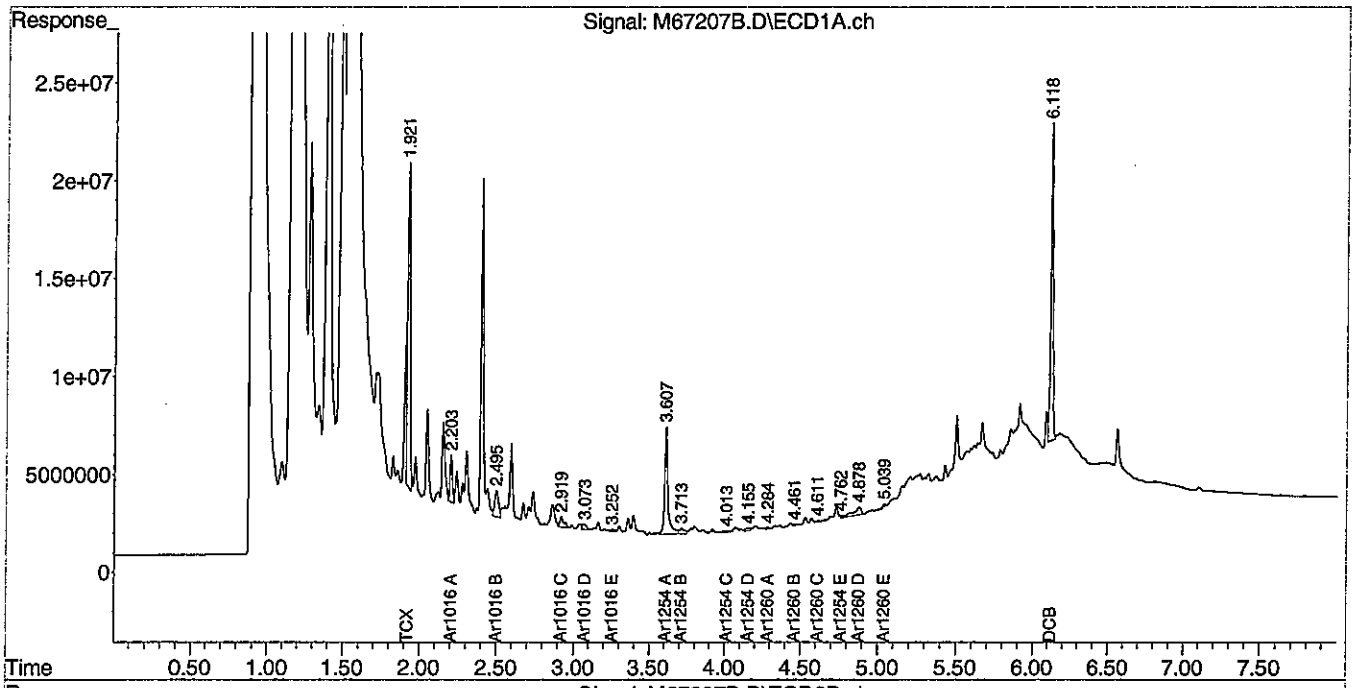
PCB Report

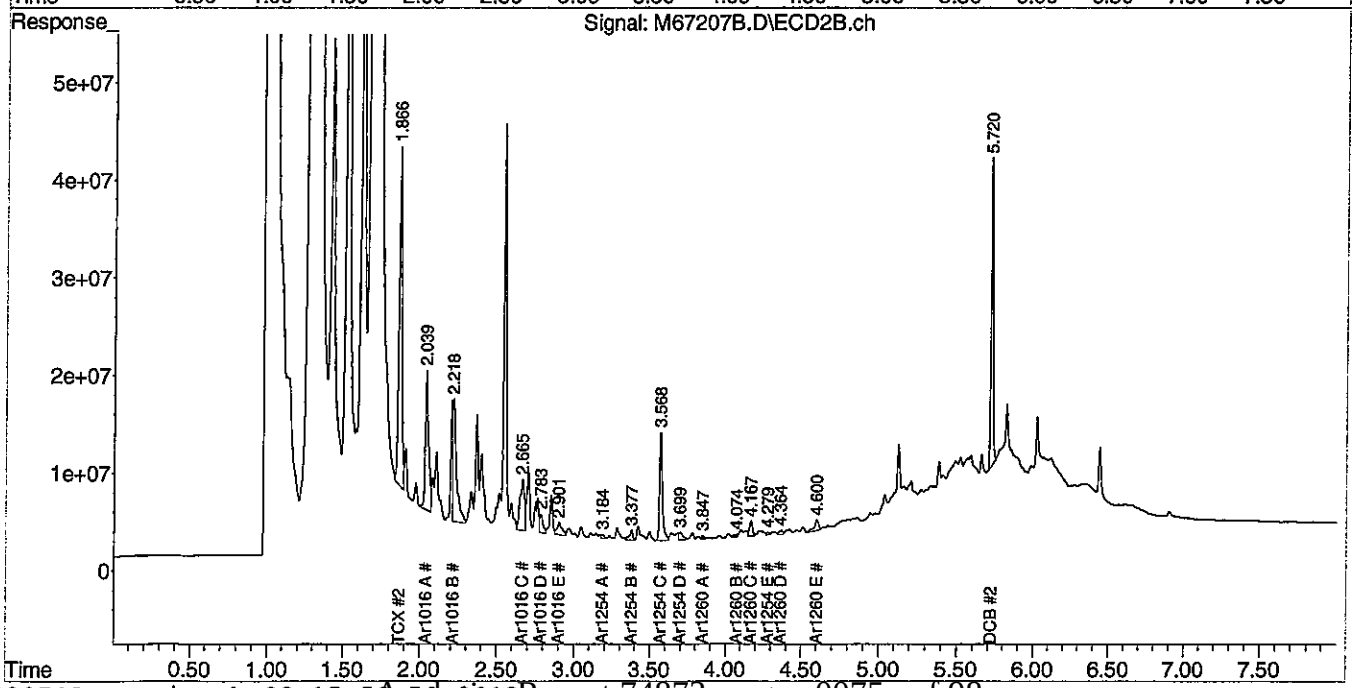
Authorized signature

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67207B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 10:06 am
Operator : JK
Sample : B022013PSOX2,RR,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 22 15:58:42 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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Mr. John Cressey
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640 Main Street
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February 27, 2013

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: MAINE ENERGY

Project Number: 12-3259.1

Field Sample ID: Lab QC

Lab Sample ID: B022513PSOX
Matrix: Soil
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 02/25/13
Analysis Date: 02/26/13

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	182*	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.
* Surrogate recovery outside control limits. Secondary surrogate is in control.

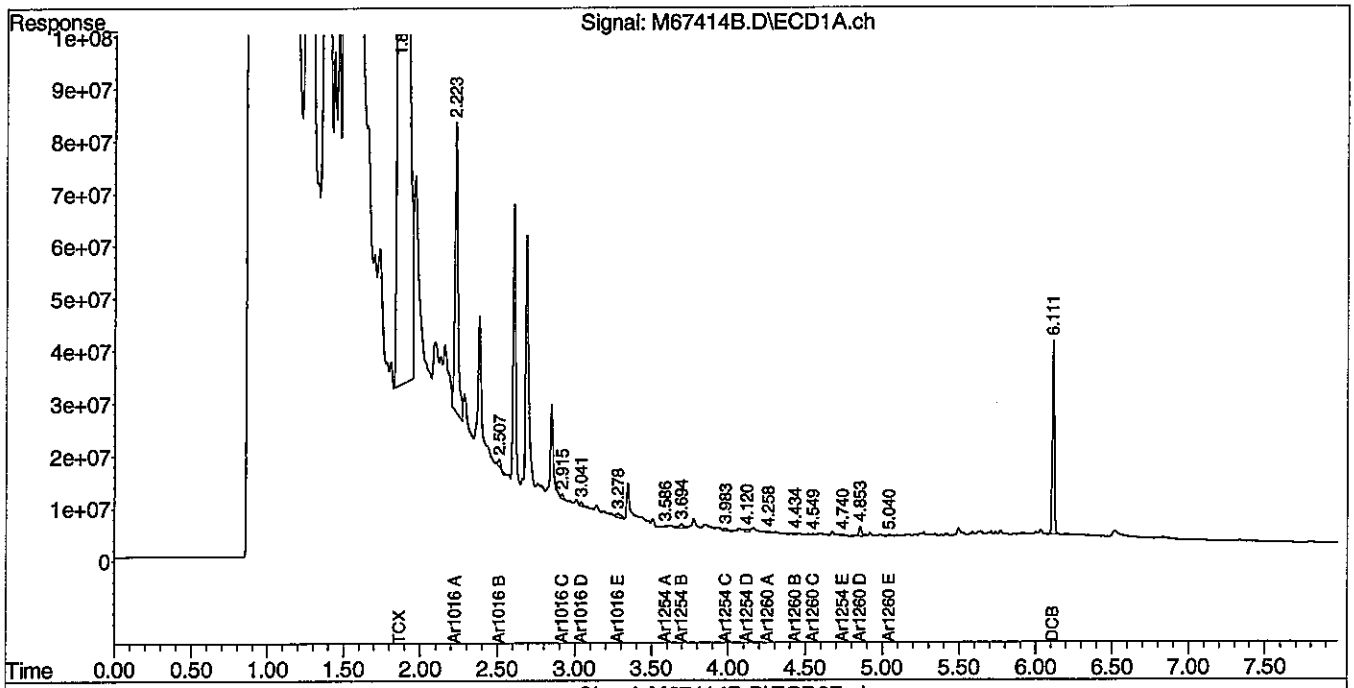
PCB Report

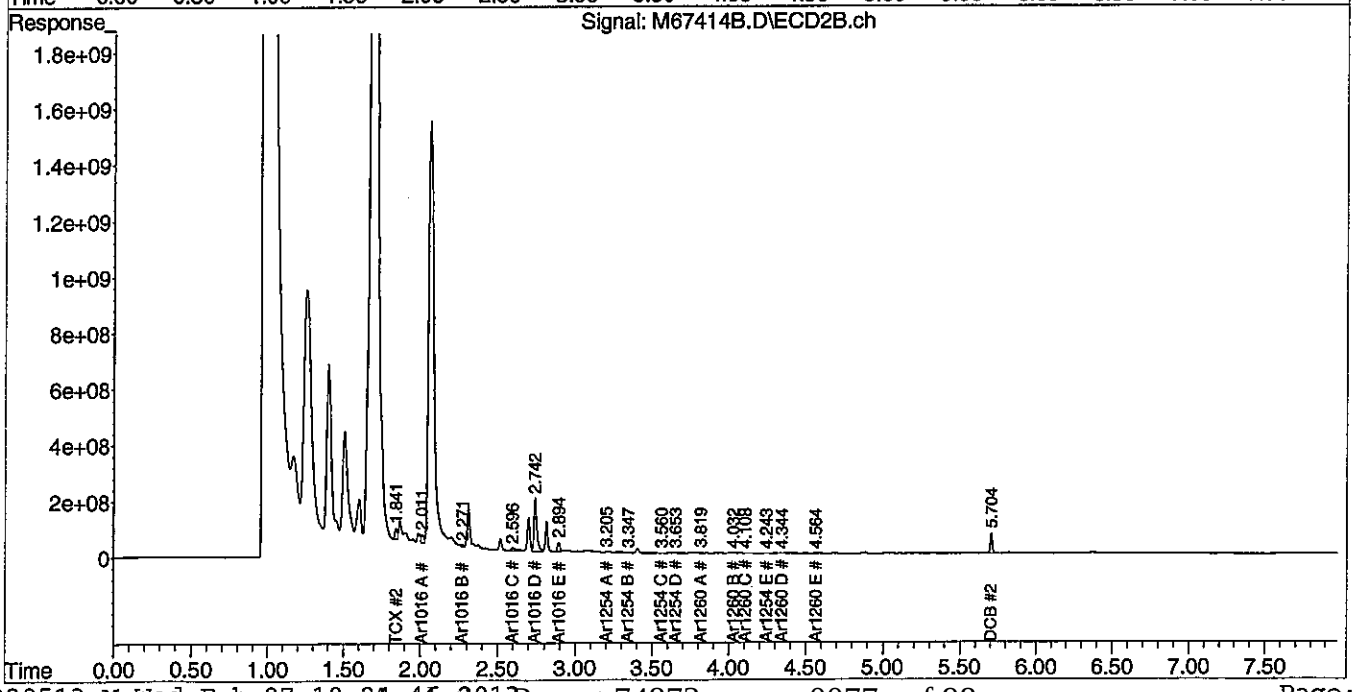
Authorized signature

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67414B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2013 7:03 pm
Operator : JK
Sample : B022513PSOX,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 10:22:59 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 26, 2013

SAMPLE DATA

Lab Sample ID:	B022113PSOX2
Matrix:	Soil
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	02/21/13
Analysis Date:	02/22/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	92	%
Decachlorobiphenyl	70	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

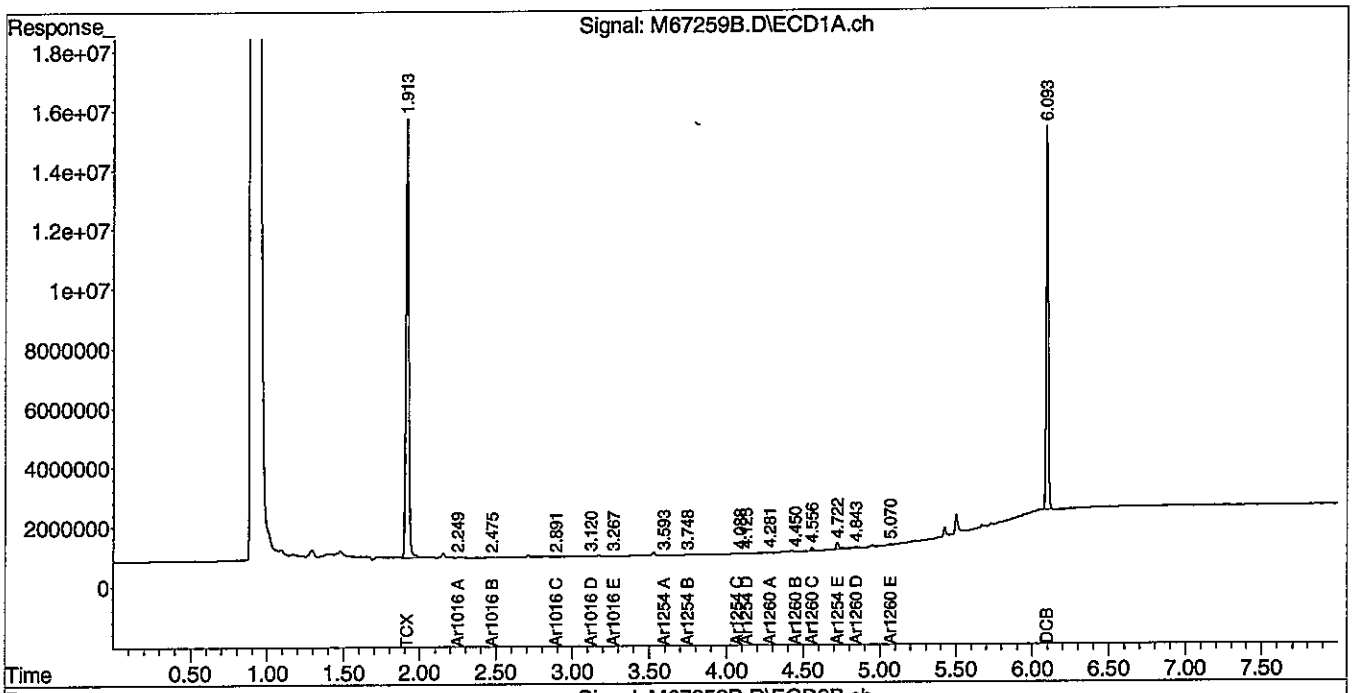
PCB Report

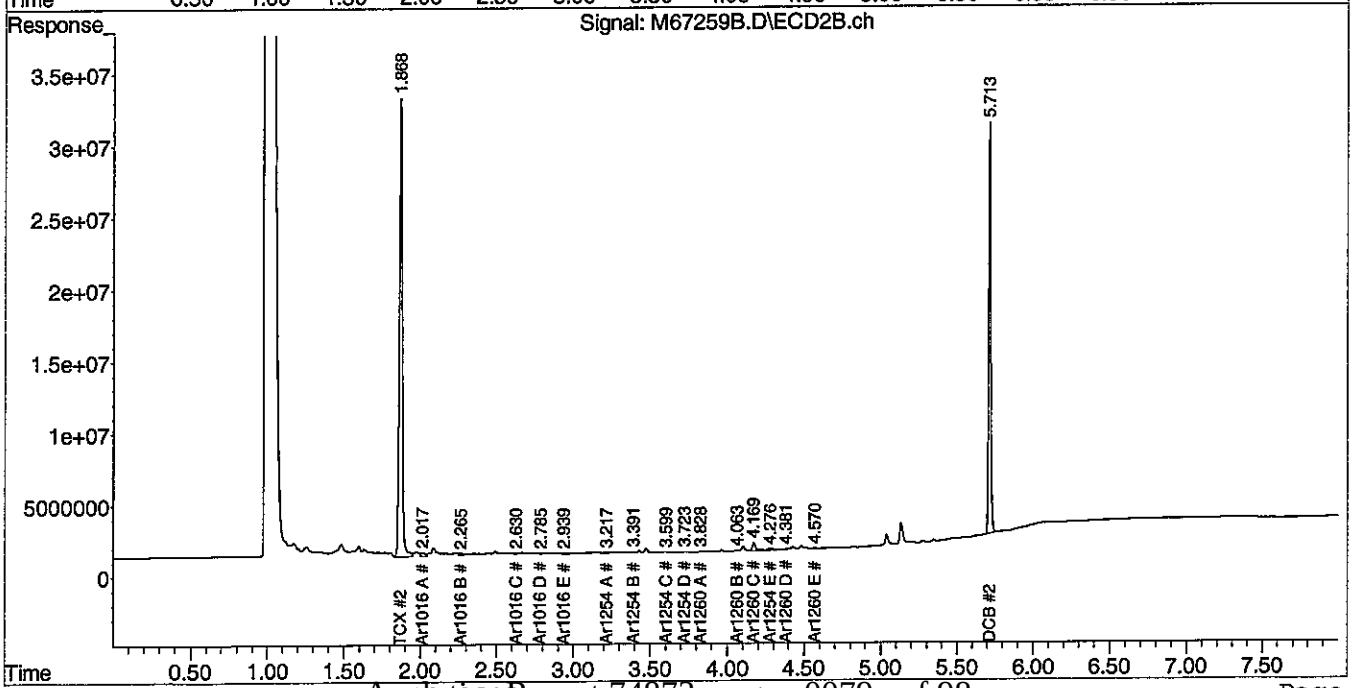
Authorized signature

Data Path : C:\msdchem\1\DATA\022213-M\
Data File : M67259B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2013 8:09 pm
Operator : JK
Sample : B022113PSOX2,,A/C
Misc : SOIL
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 26 11:43:01 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Fri Feb 22 09:21:30 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





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February 27, 2013

SAMPLE DATA

Lab Sample ID:	B022213PSOX
Matrix:	Soil
Percent Solid:	100
Dilution Factor:	1.0
Collection Date:	
Lab Receipt Date:	
Extraction Date:	02/22/13
Analysis Date:	02/27/13

CLIENT SAMPLE ID

Project Name:	MAINE ENERGY
Project Number:	12-3259.1
Field Sample ID:	Lab QC

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	98	%
Decachlorobiphenyl	69	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

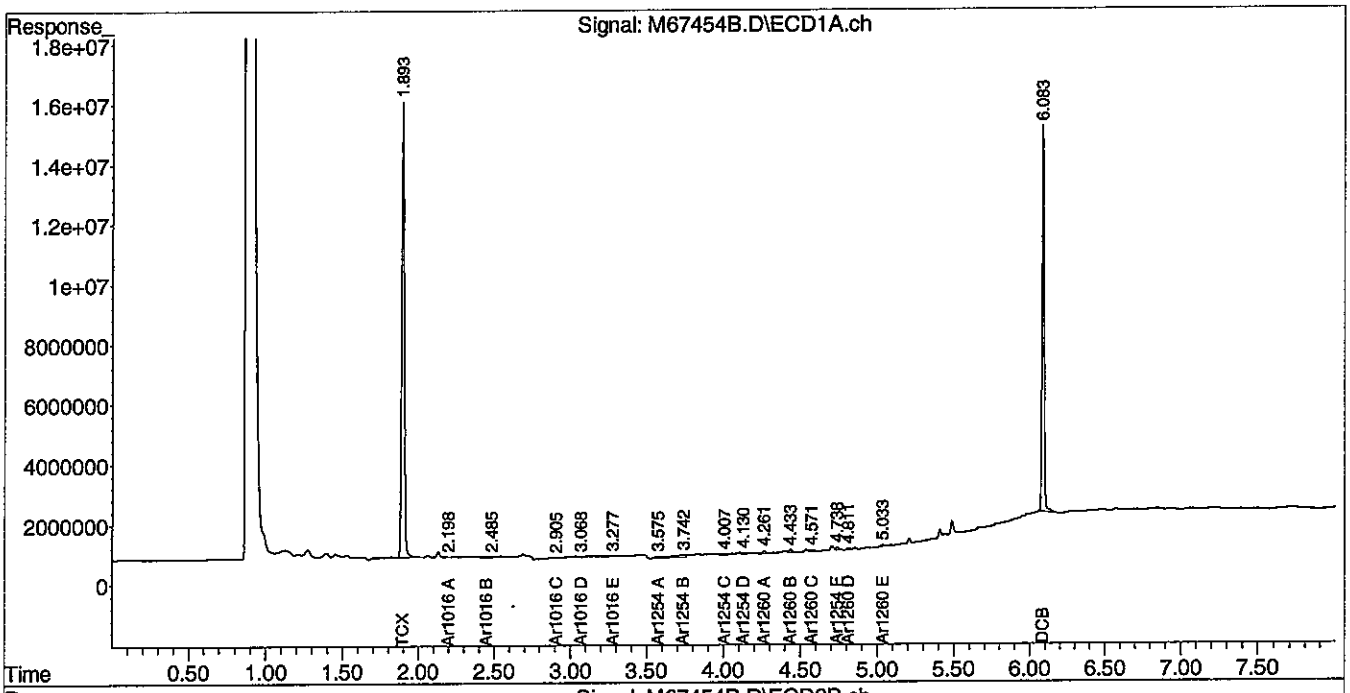
PCB Report

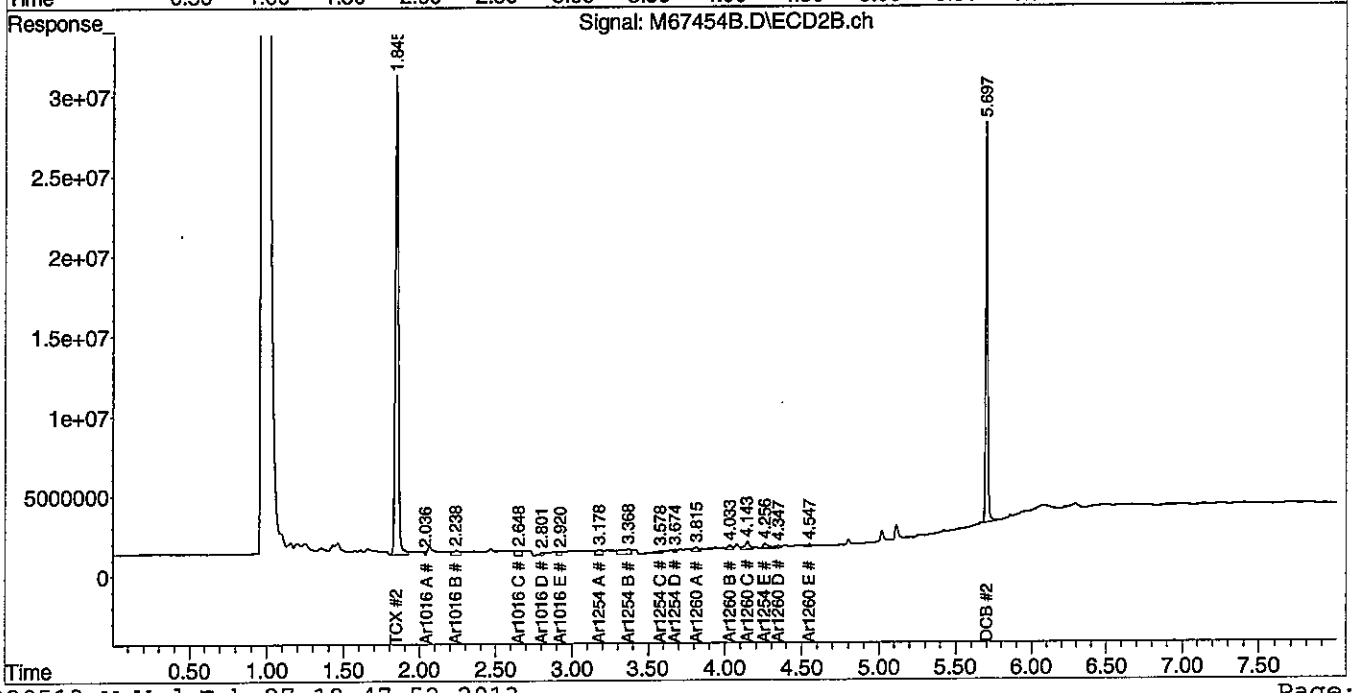
Authorized signature

Data Path : C:\msdchem\1\DATA\022613-M\
Data File : M67454B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2013 1:46 am
Operator : JK JK 022713
Sample : B022213PSOX,,A/C ~~(Sig #1): B022113PSOX,,A/C (Sig #2)~~
Misc : SOIL
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 12:47:07 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Cressey
Summit Environmental Consultants Inc.
640 Main Street
Lewiston ME 04240

February 27, 2013

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: MAINE ENERGY

Project Number: 12-3259.1

Field Sample ID: Lab QC

Lab Sample ID: B022213PSOX RR
Matrix: Soil
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 02/21/13
Analysis Date: 02/27/13

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U

Surrogate Standard Recovery

2,4,5,6-Tetrachloro-m-xylene	100	%
Decachlorobiphenyl	75	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082A. Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C. Sample cleanup was conducted according to SW-846 Method 3665A.

COMMENTS: Results are expressed on a dry weight basis.

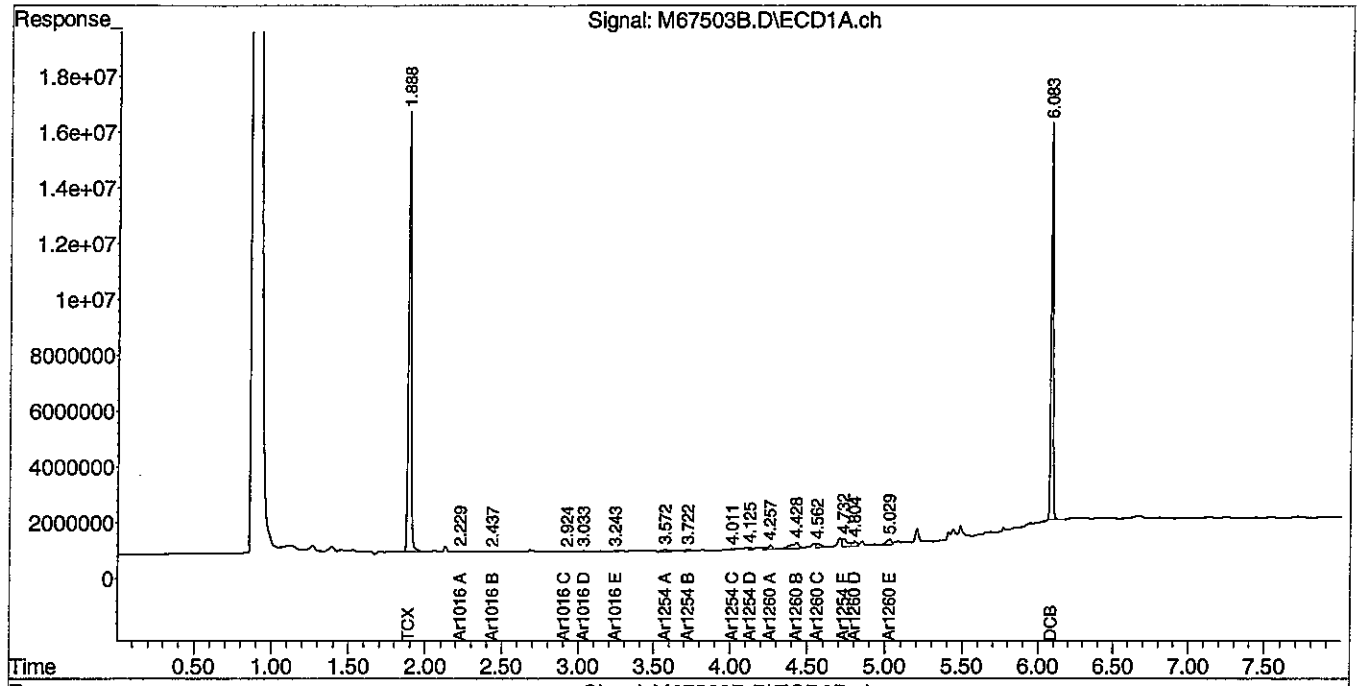
PCB Report

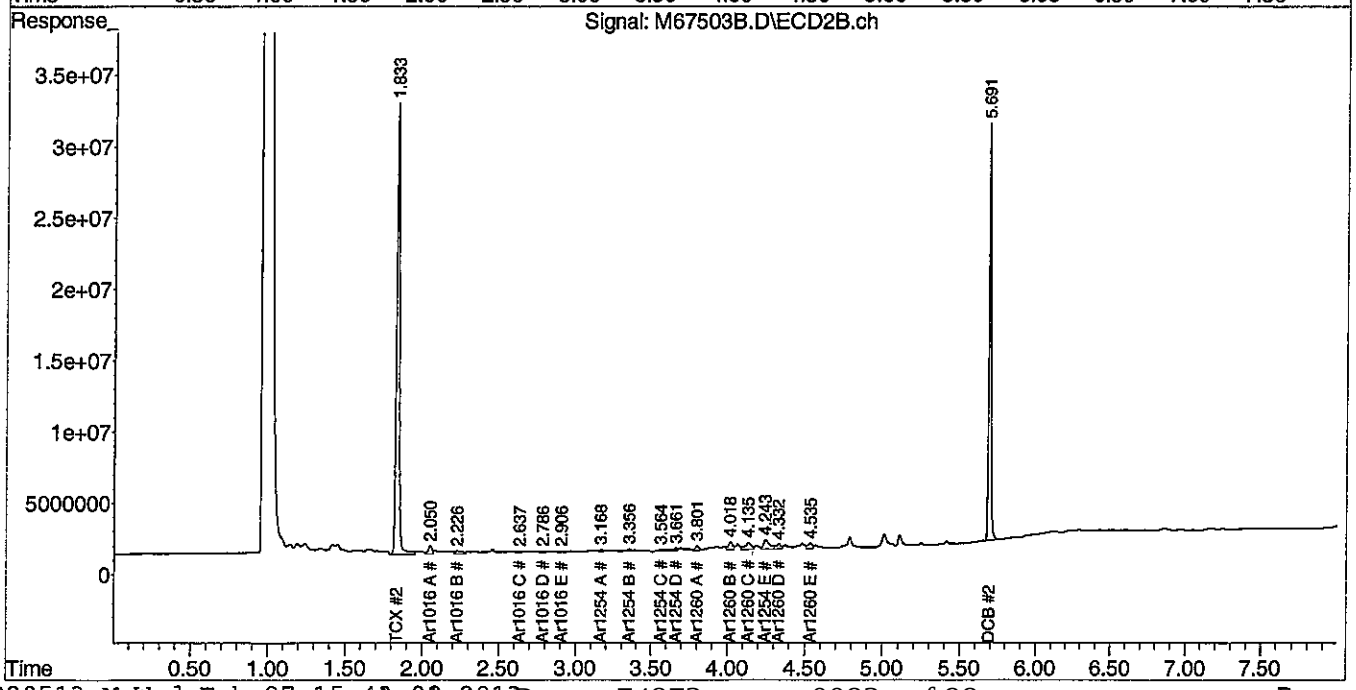
Authorized signature

Data Path : C:\msdchem\1\DATA\022713-M\
Data File : M67503B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2013 1:19 pm
Operator : JK
Sample : B022213PSOX,RR2,,A/C
Misc : SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Feb 27 15:42:19 2013
Quant Method : C:\msdchem\1\METHODS\PCB020513.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Feb 27 09:33:47 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um





PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B022013PSOX2,RR,,A/C	103		94		106		79	
L022013PSOX2,RR,,A/C	89		70		90		74	
LD022013PSOX2,RR,,A/C	86		68		88		69	
74873-1,RR,,A/C	90		75		99		71	
74873-1,MS,RR,,A/C	88		I		113		64	
74873-1,MSD,RR,,A/C	83		I		I		104	
74873-2,1:20,,A/C	D		D		D		D	
74873-3,RR,,A/C	112		76		105		80	
74873-4,1:5,,A/C	102		102		108		102	
74873-5,1:5,,A/C	84		52		85		61	
74873-6,1:5,,A/C	97		61		100		81	
74873-7,1:5,,A/C	87		59		92		78	
74873-8,1:50,,A/C	D		D		D		D	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B022113PSOX2,,A/C	92		70		96		72	
L022113PSOX2,,A/C	88		68		90		70	
LD022113PSOX2,,A/C	86		69		88		71	
74873-13,1:5,,A/C	111		80		130		94	
74873-14,1:5,,A/C	78		56		85		60	
74873-15,1:5,,A/C	103		59		74		73	
74873-17,1:5,,A/C	87		80		121		66	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B022513PSOX,,A/C	I		203	*	98		182	*
L022513PSOX,,A/C	101		101		114		93	
LD022513PSOX,,A/C	104		88		92		84	
74873-9,RX,1:5	115		114		I		106	
74873-10,RX,1:5	92		67		93		66	
74873-11,1:20,,A/C	D		D		D		D	
74873-12,1:10,,A/C	100		93		101		69	
74873-16,1:10,,A/C	99		100		116		116	
74873-16,MS,1:100,,A/C	D		D		D		D	
74873-16,MSD,1:100,,A/C	104		121		113		116	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B022213PSOX,,A/C	98		69		92		64	
L022213PSOX,,A/C	97		72		90		67	
LD022213PSOX,,A/C	98		69		91		65	
74873-18,1:5,,A/C	156	*	121		134	*	94	
74873-19,,A/C	80		72		92		62	

	Lower Limit	Upper Limit
SMC #1 = TCX	40	130
SMC #2 = DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
SYSTEM MONITORING COMPOUNDS
SUMMARY

Instrument ID: M
GC Column #1: STX-CLPesticides I
Column ID: 0.25 mm
GC Column #2: STX-CLPesticides II
Column ID: 0.25 mm

SDG: 74873

	Column #1				Column #2			
SAMPLE ID	SMC 1 (%)	#	SMC 2 (%)	#	SMC 1 (%)	#	SMC 2 (%)	#
B022213PSOX,RR2,,A/C	100		75		96		77	
74873-20,1:10,,A/C	115		89		125		94	

		Lower Limit	Upper Limit
SMC #1 =	TCX	40	130
SMC #2 =	DCB	40	130

Column to be used to flag recovery values outside of QC limits
* Values outside QC limits
D System Monitoring Compound diluted out

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B022013PSOX2,RR,,A/C

Spike: L022013PSOX2,RR,,A/C

Spike duplicate: LD022013PSOX2,RR,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	157	78		155	78		0.8	
PCB 1260	200	200	60	130	30	0	184	92		149	74		21.3	
PCB 1016 #2	200	200	65	140	30	0	163	81		165	83		1.4	
PCB 1260 #2	200	200	60	130	30	0	194	97		147	74		27.5	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: 74873-1,RR,,A/C

Spike: 74873-1,MS,RR,,A/C

Spike duplicate: 74873-1,MSD,RR,,A/C

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	209	202	60	140	30	0	180	86		170	84		5.6	
PCB 1260	209	202	60	140	30	65	241	84		338	135		33.6	*
PCB 1016 #2	209	202	60	140	30	0	153	73		253	125		49.2	*
PCB 1260 #2	209	202	60	140	30	64	333	129		252	93		27.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

MS/MSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B022113PSOX2,,A/C

Spike: L022113PSOX2,,A/C

Spike duplicate: LD022113PSOX2,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	169	84		166	83		1.5	
PCB 1260	200	200	60	130	30	0	162	81		160	80		1.5	
PCB 1016 #2	200	200	65	140	30	0	166	83		164	82		1.0	
PCB 1260 #2	200	200	60	130	30	0	160	80		161	80		0.4	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B022513PSOX,,A/C

Spike: L022513PSOX,,A/C

Spike duplicate: LD022513PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	179	90		192	96		7.0	
PCB 1260	200	200	60	130	30	0	207	103		200	100		3.6	
PCB 1016 #2	200	200	65	140	30	0	171	86		169	85		1.0	
PCB 1260 #2	200	200	60	130	30	0	197	99		186	93		5.9	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

PCB SOIL
MATRIX SPIKE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: 74873-16,1:10,,A/C

Spike: 74873-16,MS,1:100,,A/C

Spike duplicate: 74873-16,MSD,1:100,,A/C

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	221	210	65	140	30	0	D	D		D	D			
PCB 1260	221	210	60	130	30	9144	68555	26827	*	8979	-79	*	153.7	*
PCB 1016 #2	221	210	65	140	30	0	D	D		D	D			
PCB 1260 #2	221	210	60	130	30	7785	57720	22547	*	7607	-85	*	153.4	*

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

MS/MSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB FORM 3

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG:

Non-spiked sample: B022213PSOX,,A/C

Spike: L022213PSOX,,A/C

Spike duplicate: LD022213PSOX,,A/C

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	178	89		175	87		2.0	
PCB 1260	200	200	60	130	30	0	179	90		173	87		3.3	
PCB 1016 #2	200	200	65	140	30	0	173	86		166	83		4.0	
PCB 1260 #2	200	200	60	130	30	0	172	86		166	83		3.7	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

_____

analytics environmental laboratory LLC

CHAIN OF CUSTODIES

AnalyticsLLC:AEL Documents LLC:Pkg Dividers:COC.doc

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906
(603) 436-5111
(603) 430-2151 Fax

For Analytics Use Only
Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 0.3-0.7°
3) Received in good condition: (Y) or N
4) pH checked by: N/A
5) Labels checked by: JB 2/20/13

Project Name: MAINE ENERGY
Project#: 12-3259.1
Company: SUMMIT
Report to: JOHN GREESEY
Address: 640 MAIN ST.
LEWISTON, ME 04240
Phone: (207) 795-6609
Quote #:
PO# (if required): 12-3259.1

Preservation Code:
Preseravtion Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Circle and/or Write Required Analysis Followed by Preservation Code
Please fill in preservation code here

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: (8082) 608 Soxhlet? (Y) or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Matrix	No. of Containers	pH checked	Analytics Sample #
SE-SB-216 (2.5'-24")	2-19	1058	N				X						S	1		74873-1
SE-SB-216 (2-4')		1120	N				X									-2
SE-SB-216 (4-6')		1125	N				X									-3
SE-SB-215 (0-2')		1136	N				X									-4
SE-SB-215 (2-4')		1145	N				X									-5
SE-SB-215 (4-6')		1154	N				X									-6
SE-SB-215 (6-8')		1200	N				X									-7
SE-SB-215 (8-10')		1205	N				X									-8
SE-SB-214 (0-2')		1220	N				X									-9
SE-SB-214 (2-4')		1228	N				X									-10

Email Results to: JGREESEY@SUMMITENV.COM

Comments, Additional Analyses, or Special Instructions: ** List requested metals here

Turnaround Time (TAT)
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] 4 Days*
- [ ] 5 Days
- [x] Standard (8-10 business days)

*Fee may apply; lab approval required

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [ ] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [x] Standard

State:
- [ ] NH
- [ ] MA
- [x] ME
- [ ] CT
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* (N)

Type:

Sampler Name (Print): JOHN GREESEY

Relinquished By Sampler:	Date: 2-20	Time: 1131	Received By:	
Relinquished By:	Date:	Time:	Received By:	
Relinquished By:	Date:	Time:	Received By:	

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906

(603) 436-5111
(603) 430-2151 Fax

Project Name: MAINE ENERGY
Project#: 12-3259.1
Company: SUMMIT
Report to: JOHN CRESSY
Address: 640 MAIN ST.
LEWISTON, ME 04240
Phone: (207) 795-6009
Quote #:
PO# (if required): 12-3259.1

Preservation Code:

Preseravtion Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Circle and/or Write Required Analysis Followed by Preservation Code

Please fill in preservation code here B

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: 8082 608 Soxhlet? Y or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Matrix	No. of Containers	pH checked	Analytics Sample #
SE-SB-214 (4-6')	2-19	1234	N				X						S	1		-11
SE-SB-214 (6-7')		1237	N				X						S	1		-12
SE-SB-213 (0-2')		1247	N				X						S	1		-13
SE-SB-213 (2-4')		1310	N				X						S	1		-14
SE-SB-213 (4-6')		1318	N				X						S	1		-15
SE-SB-213 (6-7.5')		1324	N				X						S	1		-16
SE-SB-217 (0-2')		1335	N				X						S	1		-17
SE-SB-217 (2-4')		1343	N				X						S	1		-18
SE-SB-217 (4-6')		1346	N				X						S	1		-19
SE-SB-217 (8-10')		1400	N				X						S	1		-20

For Analytics Use Only

Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 0.3-0.70
3) Received in good condition: Y or N
4) pH checked by: NA
5) Labels checked by: 2/20/13

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Email Results to: JCRESSY@SUMMITINV.COM

Turnaround Time (TAT)
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] 4 Days*
- [ ] 5 Days
- [x] Standard (8-10 business days)

*Fee may apply; lab approval required

Comments, Additional Analyses, or Special Instructions:

** List requested metals here

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements:
*Fee may apply

Report Type:
- [ ] MCP*
- [ ] Level II*
- [ ] CTRCP*
- [ ] Level III*
- [ ] DOD*
- [ ] Level IV*
- [x] Standard

State:
- [ ] NH
- [ ] MA
- [x] ME
- [ ] CT
- [ ] RI

Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y N

Type:

Sampler Name (Print): JOHN CRESSY

Relinquished By Sampler:	Date: 2-20	Time: 1131	Received By:	KSteinen
Relinquished By:	Date:	Time:	Received By:	
Relinquished By:	Date:	Time:	Received By:	

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: ~~74783~~ 74873

COOLER NUMBER: 74, 223

CLIENT: Summit

NUMBER OF COOLERS: 2

PROJECT: Maine Energy

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): KG

DATE COOLER RECEIVED/OPENED: 02/20/13

2. Circle one: Hand delivered ~~(If so, skip 3)~~ Shipped

3. Did cooler come with a shipping slip? Y (N)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, legible, project information etc)? (Y) N

8. Were custody papers sealed in a plastic bag? Y (N)

9. Did you sign the COC in the appropriate place? (Y) N

10. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 0.3°C, 0.7°C

B. Log-In: Date samples were logged in: KG By: 02/20/13

11. Were all bottles sealed in separate plastic bags? Y (N)

12. Did all bottles arrive unbroken and were labels in good condition? (Y) N

13. Were all bottle labels complete(ID,Date,time,etc.) Y (N) -14' missing part of IC and time on labs ID on cap.

14. Did all bottle labels agree with custody papers? (Y) N

15. Were the correct containers used for the tests indicated: (Y) N

16. Were samples received at the correct pH? Y N/A

17. Was sufficient amount of sample sent for the tests indicated? (Y) N

18. Were all samples submitted within holding time? (Y) N

19. Were all containers used within AEL 's expiration date?** Y N/A

20. Were VOA samples absent of greater than pea-sized bubbles? Y N*/A
(Note:Pea-sized bubbles or smaller are acceptable and are not considered to adversely affect volatiles data.)

*If NO, List Sample ID's, Lab #s: _____

When bubbles are present in VOA samples they are labelled from smallest (or no bubbles) to largest. Lab to analyze VOA samples with no bubbles or smallest bubbles first

20. Laboratory labeling verified by (initials): JB Date: 2/20/13

**The expiration date is recommended by Analytics Environmental Laboratory and not the method. Therefore this does not mean that the results are non-compliant.

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908

Rev. 6, 8/27/12