284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : P4258

Project ID : Perth Amboy

Client : Roman E&G Corp

Lab Sample Number	Client Sample Number
P4258-01	Chamberlain Ave
P4258-02	Chamberlain Ave
P4258-03	Chamberlain Ave
P4258-04	Chamberlain Ave

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/16/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P4258**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **JATIN SATHVARA** **Date:** **10/16/2024**

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LAB CHRONICLE

OrderID:	P4258	**OrderDate:**	10/1/2024 1:21:00 PM
Client:	Roman E&G Corp	**Project:**	Perth Amboy
Contact:	Mark Mattheiss	**Location:**	H11,H51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4258-04	**Chamberlain Ave**	**TCLP**			**10/01/24**			**10/01/24**
			TCLP Pesticide	8081B		10/03/24	10/03/24	

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Hit Summary Sheet
SW-846

SDG No.: P4258 **Order ID:** P4258

Client: Roman E&G Corp **Project ID:** Perth Amboy

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL091953.D	PIBLK-PL091953.D	Decachlorobiphenyl	1	20	19.6	98		43	140
		Tetrachloro-m-xylene	1	20	19.0	95		77	126
		Decachlorobiphenyl	2	20	18.7	94		43	140
		Tetrachloro-m-xylene	2	20	18.3	92		77	126
I.BLK-PL092220.D	PIBLK-PL092220.D	Decachlorobiphenyl	1	20	20.1	100		43	140
		Tetrachloro-m-xylene	1	20	20.0	100		77	126
		Decachlorobiphenyl	2	20	18.8	94		43	140
		Tetrachloro-m-xylene	2	20	20.0	100		77	126
PB163891BL	PB163891BL	Decachlorobiphenyl	1	20	19.0	95		43	140
		Tetrachloro-m-xylene	1	20	17.9	90		77	126
		Decachlorobiphenyl	2	20	18.0	90		43	140
		Tetrachloro-m-xylene	2	20	17.1	86		77	126
PB163891BS	PB163891BS	Decachlorobiphenyl	1	20	19.3	96		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	18.5	93		43	140
		Tetrachloro-m-xylene	2	20	17.9	90		77	126
PB163851TB	PB163851TB	Decachlorobiphenyl	1	20	20.5	103		43	140
		Tetrachloro-m-xylene	1	20	19.5	97		77	126
		Decachlorobiphenyl	2	20	19.7	99		43	140
		Tetrachloro-m-xylene	2	20	19.2	96		77	126
P4258-04	Chamberlain Ave	Decachlorobiphenyl	1	20	9.58	48		43	140
		Tetrachloro-m-xylene	1	20	17.7	88		77	126
		Decachlorobiphenyl	2	20	9.39	47		43	140
		Tetrachloro-m-xylene	2	20	18.3	91		77	126
P4258-04MS	Chamberlain AveMS	Decachlorobiphenyl	1	20	13.9	69		43	140
		Tetrachloro-m-xylene	1	20	16.2	81		77	126
		Decachlorobiphenyl	2	20	13.4	67		43	140
		Tetrachloro-m-xylene	2	20	16.5	83		77	126
P4258-04MSD	Chamberlain AveMSD	Decachlorobiphenyl	1	20	13.9	70		43	140
		Tetrachloro-m-xylene	1	20	16.8	84		77	126
		Decachlorobiphenyl	2	20	13.4	67		43	140
		Tetrachloro-m-xylene	2	20	16.8	84		77	126
I.BLK-PL092228.D	PIBLK-PL092228.D	Decachlorobiphenyl	1	20	21.0	105		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	20.3	102		43	140
		Tetrachloro-m-xylene	2	20	19.9	100		77	126

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8081B **DataFile :** PL092226.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**Chamberlain AveMS**											
P4258-04MS	gamma-BHC (Lindane)	5	0	6.30	ug/L	126				60	152	
	Heptachlor	5	0	4.80	ug/L	96				56	147	
	Heptachlor epoxide	5	0	4.90	ug/L	98				77	143	
	Endrin	5	0	4.70	ug/L	94				76	144	
	Methoxychlor	5	0	4.60	ug/L	92				70	142	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8081B **DataFile :** PL092227.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**Chamberlain AveMSD**											
P4258-04MSD	gamma-BHC (Lindane)	5	0	5.80	ug/L	116		8		60	152	20
	Heptachlor	5	0	4.80	ug/L	96		0		56	147	20
	Heptachlor epoxide	5	0	4.90	ug/L	98		0		77	143	20
	Endrin	5	0	4.80	ug/L	96		2		76	144	20
	Methoxychlor	5	0	4.60	ug/L	92		0		70	142	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4258

Client: Roman E&G Corp

Analytical Method: 8081B **Datafile :** PL092223.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163891BS	gamma-BHC (Lindane)	0.5	0.53	ug/L	106				82	129	
	Heptachlor	0.5	0.53	ug/L	107				79	127	
	Heptachlor epoxide	0.5	0.55	ug/L	109				81	124	
	Endrin	0.5	0.53	ug/L	105				81	128	
	Methoxychlor	0.5	0.50	ug/L	100				78	108	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163891BL

Lab Name: CHEMTECH Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG NO.: P4258

Lab Sample ID: PB163891BL Lab File ID: PL092222.D

Matrix: (soil/water) water Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 10/03/2024

Date Analyzed (1): 10/03/2024 Date Analyzed (2): 10/03/2024

Time Analyzed (1): 17:09 Time Analyzed (2): 17:09

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB163891BS	PB163891BS	PL092223.D	10/03/2024	10/03/2024
PB163851TB	PB163851TB	PL092224.D	10/03/2024	10/03/2024
Chamberlain Ave	P4258-04	PL092225.D	10/03/2024	10/03/2024
Chamberlain AveMS	P4258-04MS	PL092226.D	10/03/2024	10/03/2024
Chamberlain AveMSD	P4258-04MSD	PL092227.D	10/03/2024	10/03/2024

COMMENTS:

SAMPLE DATA

Raw Data: **PL092225.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-04	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092225.D	1	10/03/24 11:50	10/03/24 17:49	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.58		43 - 140	48%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		77 - 126	91%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL092225.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:49
Operator : AR\AJ
Sample : P4258-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
Chamberlain Ave

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:54:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.781	39305469	45781255	17.668	18.254
28)	SA Decachlor...	9.057	7.921	15692554	23482824	9.579m	9.386
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:49
Operator : AR\AJ
Sample : P4258-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

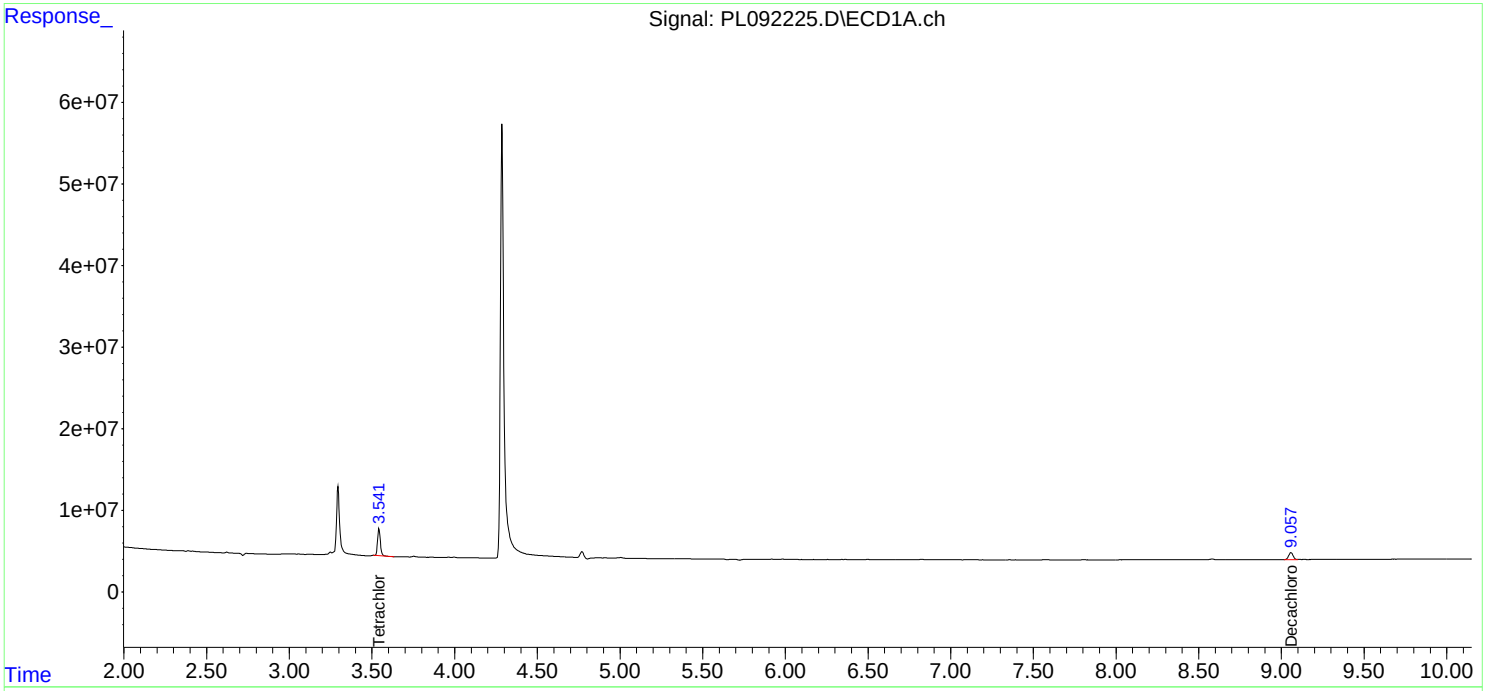
Instrument :
ECD_L
ClientSampleId :
Chamberlain Ave

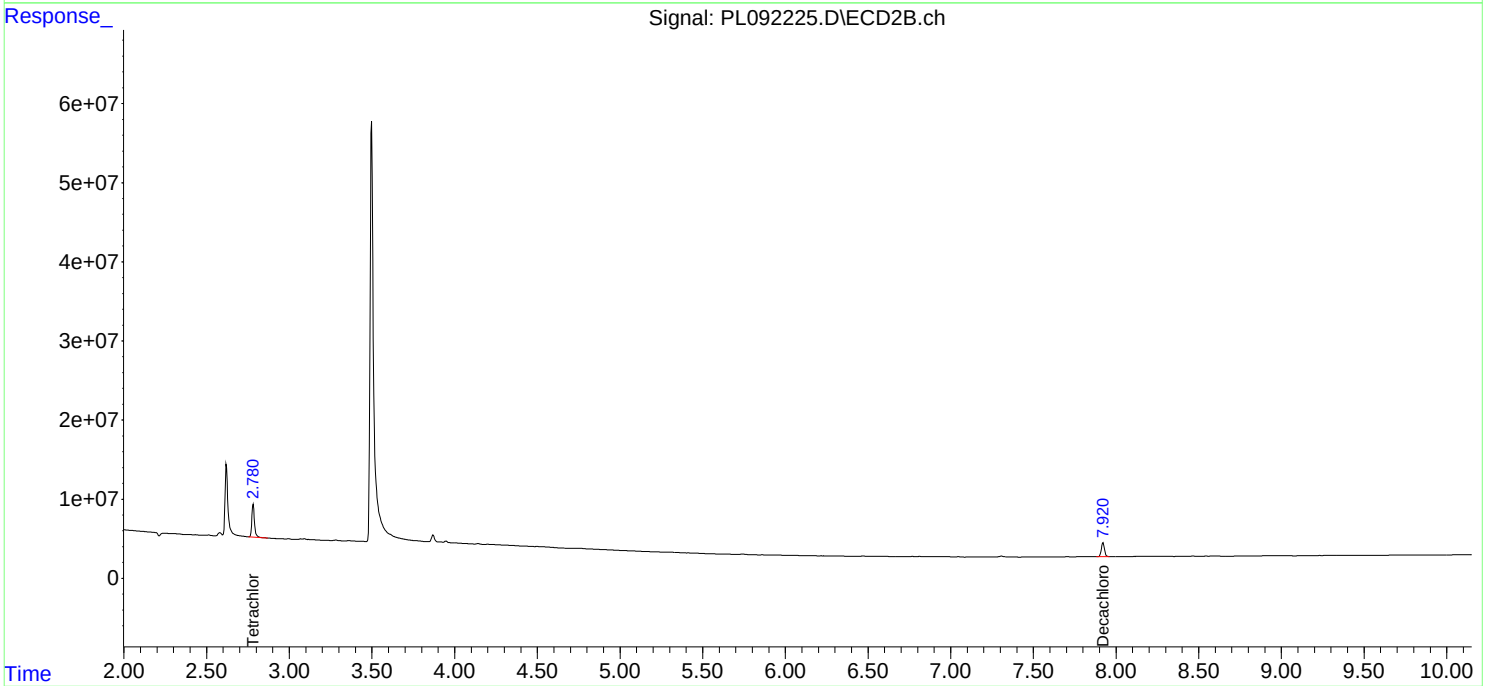
Manual Integrations APPROVED

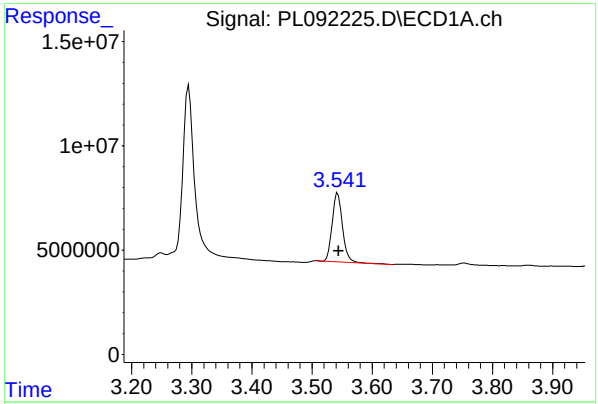
Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:54:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







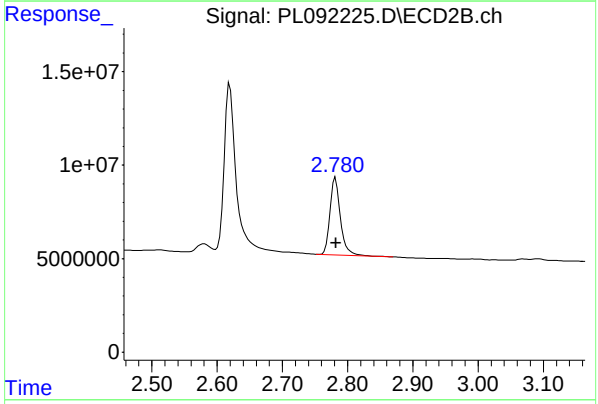
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 mi
Response: 39305469
Conc: 17.67 ng/m

Instrument :
ECD_L
ClientSampleId :
Chamberlain Ave

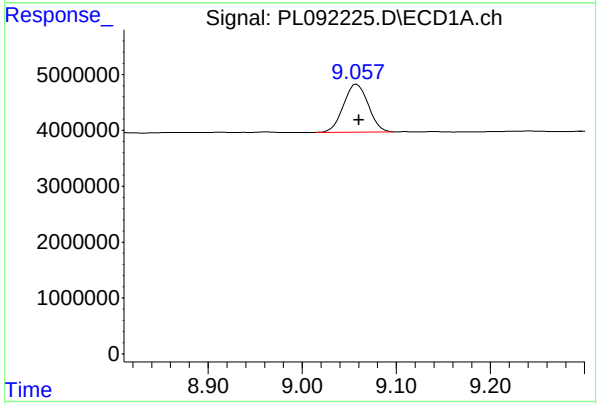
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



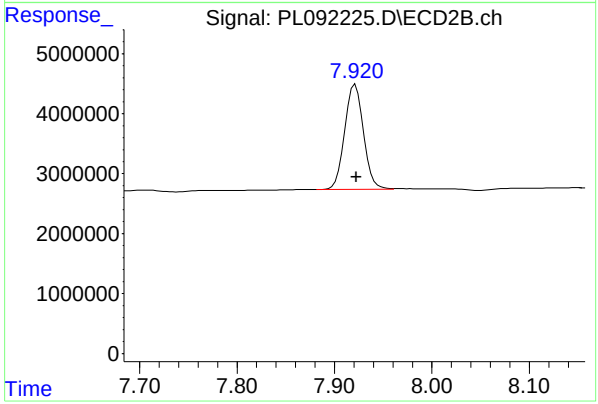
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 45781255
Conc: 18.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 15692554
Conc: 9.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 23482824
Conc: 9.39 ng/ml

Raw Data: **PL092224.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	10/03/24
Client Sample ID:	PB163851TB	SDG No.:	P4258
Lab Sample ID:	PB163851TB	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092224.D	1	10/03/24 11:50	10/03/24 17:36	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.5		43 - 140	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		77 - 126	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL092224.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:36
Operator : AR\AJ
Sample : PB163851TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163851TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:53:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.781	43337089	48072475	19.480	19.167
28)	SA Decachlor...	9.058	7.921	33634589	49276748	20.531	19.695
	Target Compounds						

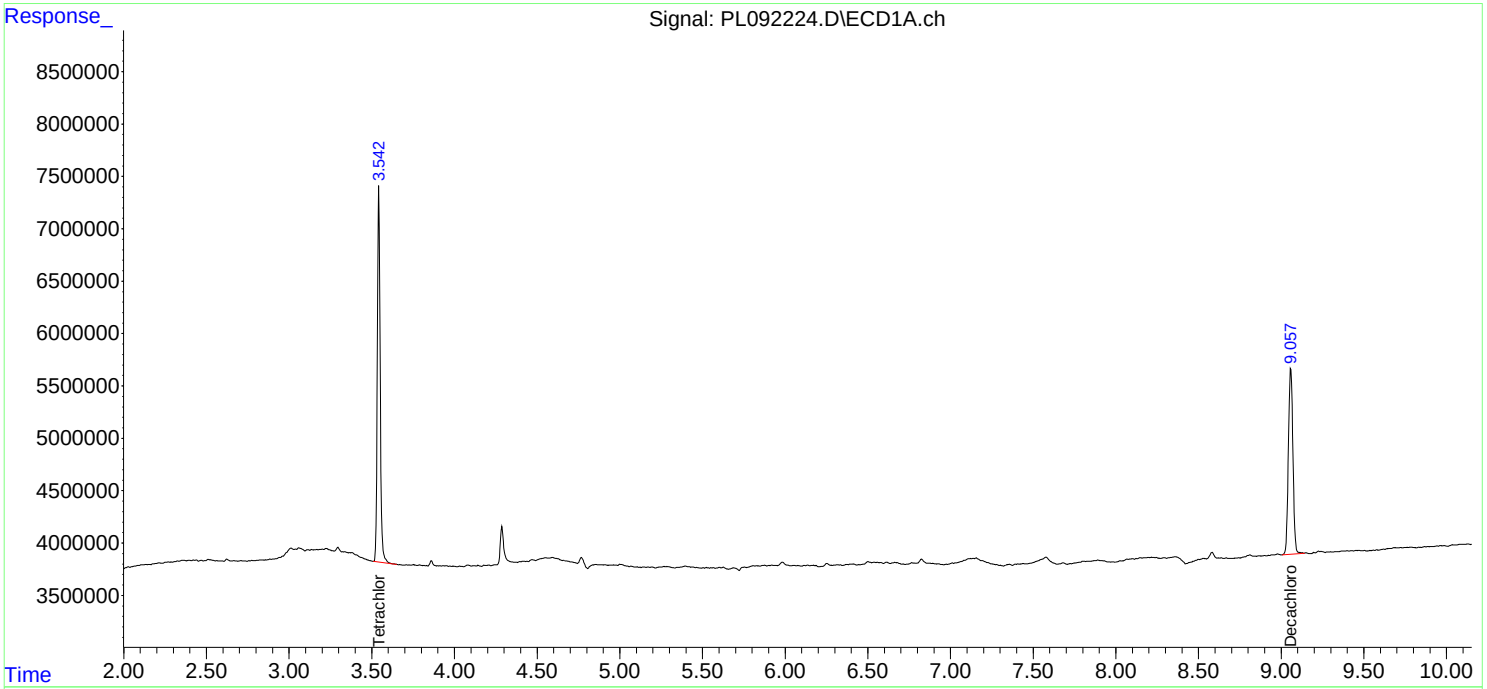
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

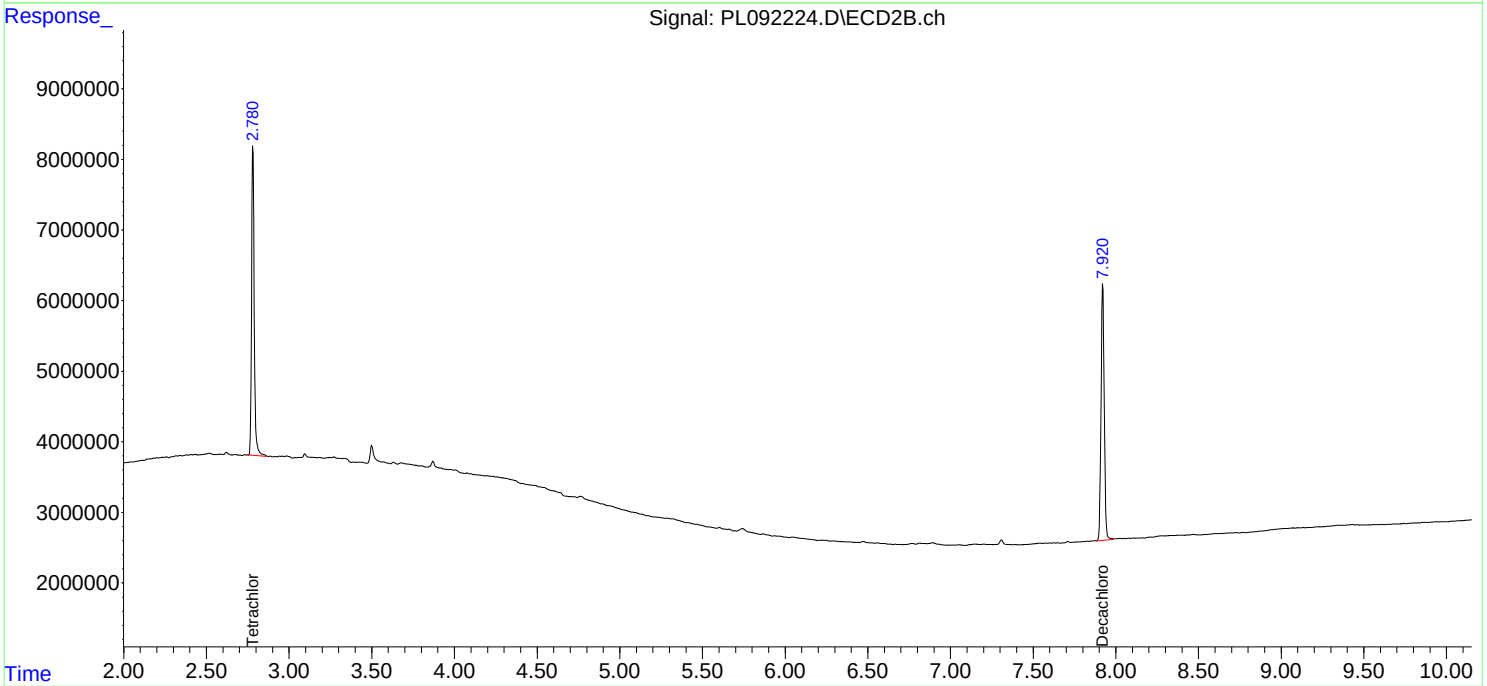
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:36
Operator : AR\AJ
Sample : PB163851TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

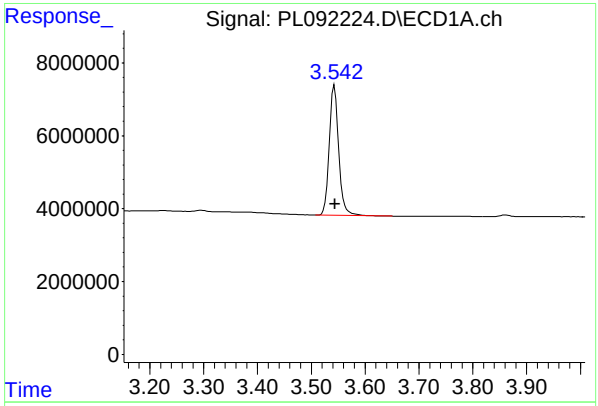
Instrument :
ECD_L
ClientSampleId :
PB163851TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:53:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



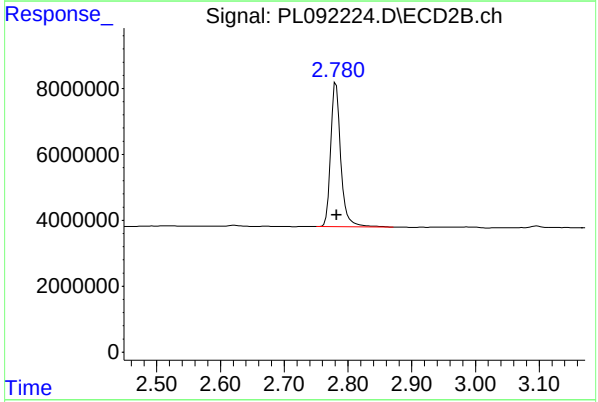




#1 Tetrachloro-m-xylene

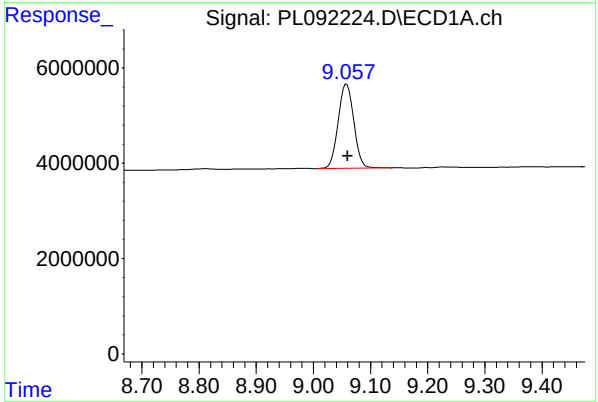
R.T.: 3.543 min
Delta R.T.: -0.001 mi
Response: 43337089
Conc: 19.48 ng/m

Instrument :
ECD_L
ClientSampleId :
PB163851TB



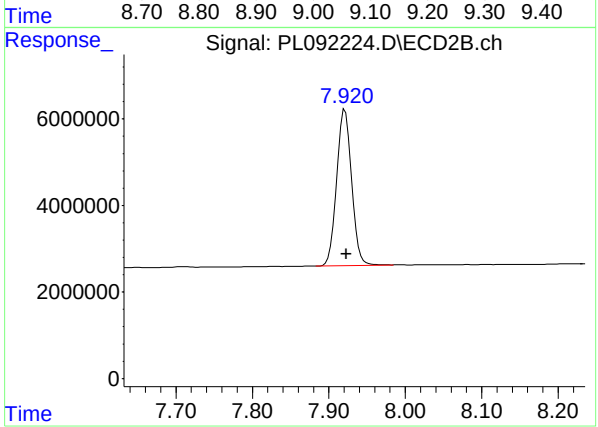
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 48072475
Conc: 19.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 33634589
Conc: 20.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 49276748
Conc: 19.70 ng/ml

CALIBRATION SUMMARY

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: RT 100 = PL091956.D RT 075 = PL091957.D

RT 050 = PL091958.D RT 025 = PL091959.D RT 005 = PL091960.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Endrin	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

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

LAB FILE ID: **RT 100 =** PL091956.D **RT 075 =** PL091957.D

RT 050 = PL091958.D **RT 025 =** PL091959.D **RT 005 =** PL091960.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	7.92	7.92	7.92	7.92	7.92	7.92	7.82	8.02
Endrin	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
gamma-BHC (Lindane)	3.62	3.62	3.62	3.62	3.62	3.62	3.52	3.72
Heptachlor	3.96	3.96	3.96	3.96	3.96	3.95	3.85	4.05
Heptachlor epoxide	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Methoxychlor	6.62	6.62	6.62	6.62	6.62	6.62	6.52	6.72
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL091956.D **CF 075 =** PL091957.D

CF 050 = PL091958.D **CF 025 =** PL091959.D **CF 005 =** PL091960.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1514180000	1546290000	1590790000	1642930000	1896960000	1638230000	9
Endrin	1940880000	1934170000	1971650000	2016300000	2440480000	2060700000	10
gamma-BHC (Lindane)	2990410000	2948600000	2949110000	2954630000	3651280000	3098800000	10
Heptachlor	2590450000	2581810000	2624270000	2731930000	3298830000	2765460000	11
Heptachlor epoxide	2355250000	2419410000	2410600000	2493740000	3045980000	2544990000	11
Methoxychlor	913738000	926950000	954169000	973623000	1140080000	981712000	9
Tetrachloro-m-xylene	2128490000	2125270000	2145440000	2197480000	2526630000	2224660000	8

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L

Calibration Date(s): 09/23/2024 09/23/2024

Calibration Times: 11:32 12:26

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL091956.D **CF 075 =** PL091957.D

CF 050 = PL091958.D **CF 025 =** PL091959.D **CF 005 =** PL091960.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2374340000	2399600000	2428470000	2478660000	2828640000	2501940000	7
Endrin	2724440000	2642180000	2624570000	2477520000	2642190000	2622180000	3
gamma-BHC (Lindane)	3775710000	3629090000	3577820000	3312530000	3359720000	3530980000	5
Heptachlor	3553790000	3434350000	3431490000	3238430000	3595010000	3450610000	4
Heptachlor epoxide	3090900000	2996730000	3012410000	2873000000	3141390000	3022890000	3
Methoxychlor	1228030000	1222750000	1234080000	1223180000	1343690000	1250350000	4
Tetrachloro-m-xylene	2544530000	2497760000	2476670000	2384990000	2636430000	2508080000	4

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Date(s) Analyzed:** 09/23/2024 09/23/2024

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	98915300
		2	5.24	5.14	5.34	102853000
		3	5.95	5.85	6.05	355337000
		4	6.03	5.93	6.13	432063000
		5	6.88	6.78	6.98	84140800
Toxaphene	500	1	6.24	6.14	6.34	22665300
		2	6.45	6.35	6.55	13922000
		3	7.06	6.96	7.16	70960500
		4	7.15	7.05	7.25	53851200
		5	7.94	7.84	8.04	39727000

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Date(s) Analyzed:** 09/23/2024 09/23/2024

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.78	3.68	3.88	98097600
		2	4.36	4.26	4.46	109311000
		3	4.99	4.89	5.09	329535000
		4	5.05	4.95	5.15	315560000
		5	5.95	5.85	6.05	108292000
Toxaphene	500	1	5.01	4.91	5.11	18093600
		2	5.34	5.24	5.44	17271700
		3	6.61	6.51	6.71	63995900
		4	6.74	6.64	6.84	88666300
		5	7.05	6.95	7.15	60349700

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:32
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:39:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	212.8E6	254.5E6	99.603	101.351
28)	SA	Decachlor...	9.060	7.923	151.4E6	237.4E6	97.533	98.873
		Target Compounds						
2)	A	alpha-BHC	4.000	3.286	307.7E6	393.8E6	101.499	103.244
3)	MA	gamma-BHC...	4.332	3.616	299.0E6	377.6E6	100.695	102.691
4)	MA	Heptachlor	4.921	3.955	259.0E6	355.4E6	99.351	101.751
5)	MB	Aldrin	5.263	4.236	264.1E6	359.3E6	99.985	102.476
6)	B	beta-BHC	4.529	3.915	123.4E6	148.3E6	98.567	100.580
7)	B	delta-BHC	4.777	4.145	284.1E6	372.6E6	101.111	103.000
8)	B	Heptachlo...	5.689	4.738	235.5E6	309.1E6	98.839	101.286
9)	A	Endosulfan I	6.074	5.108	214.9E6	281.6E6	98.662	101.348
10)	B	gamma-Chl...	5.945	4.989	232.3E6	313.6E6	99.274	102.079
11)	B	alpha-Chl...	6.024	5.052	230.6E6	308.5E6	98.969	101.565
12)	B	4,4'-DDE	6.197	5.241	206.7E6	293.7E6	99.873	102.451
13)	MA	Dieldrin	6.350	5.373	230.0E6	308.6E6	99.366	102.298
14)	MA	Endrin	6.579	5.648	194.1E6	272.4E6	99.214	101.867
15)	B	Endosulfa...	6.799	5.942	199.3E6	256.1E6	98.261	101.079
16)	A	4,4'-DDD	6.714	5.796	165.4E6	226.8E6	99.250	102.911
17)	MA	4,4'-DDT	7.028	6.046	173.4E6	245.6E6	99.419	102.637
18)	B	Endrin al...	6.929	6.122	158.4E6	203.5E6	98.026	100.378
19)	B	Endosulfa...	7.163	6.345	182.0E6	244.3E6	98.141	100.831
20)	A	Methoxychlor	7.503	6.622	91373843	122.8E6	97.836	99.754
21)	B	Endrin ke...	7.648	6.850	205.6E6	281.2E6	98.819	100.586
22)		Mirex	8.122	7.031	160.9E6	228.3E6	97.006	98.712

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

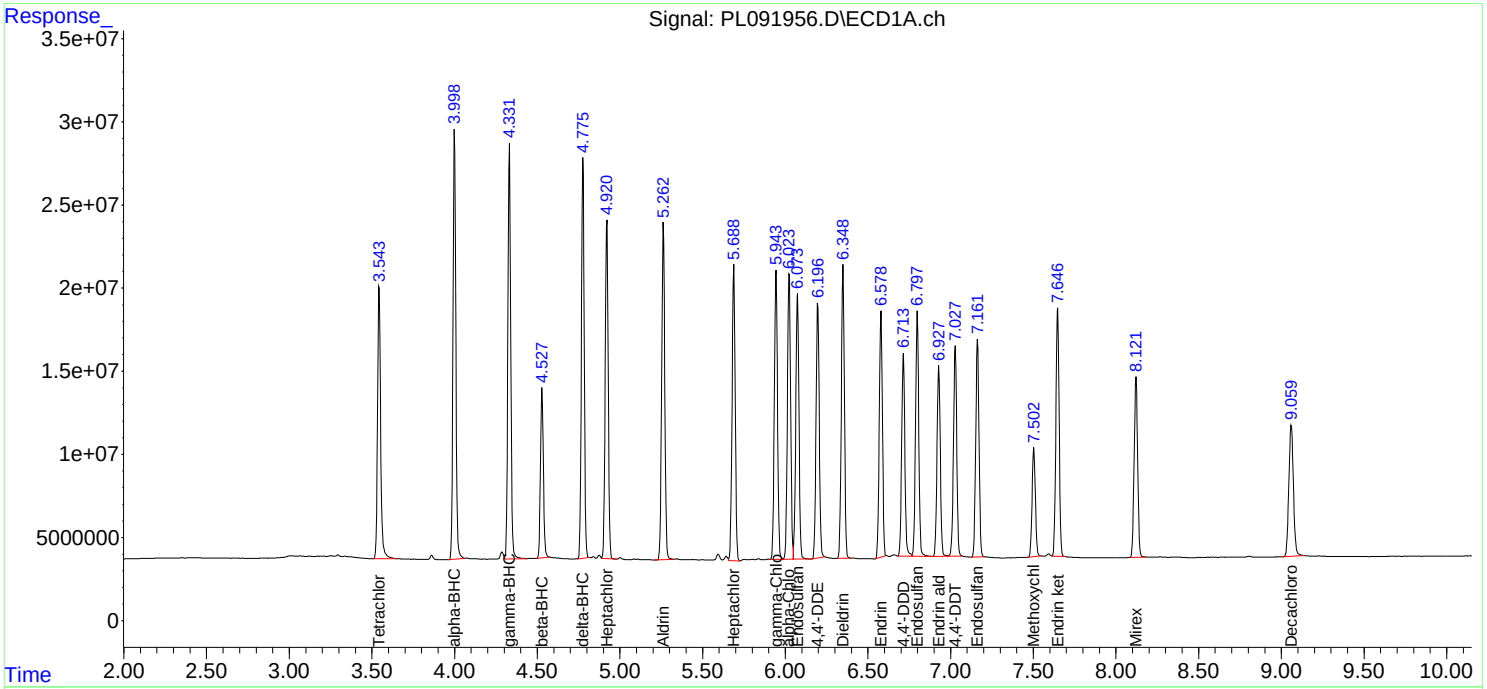
ICAL Form

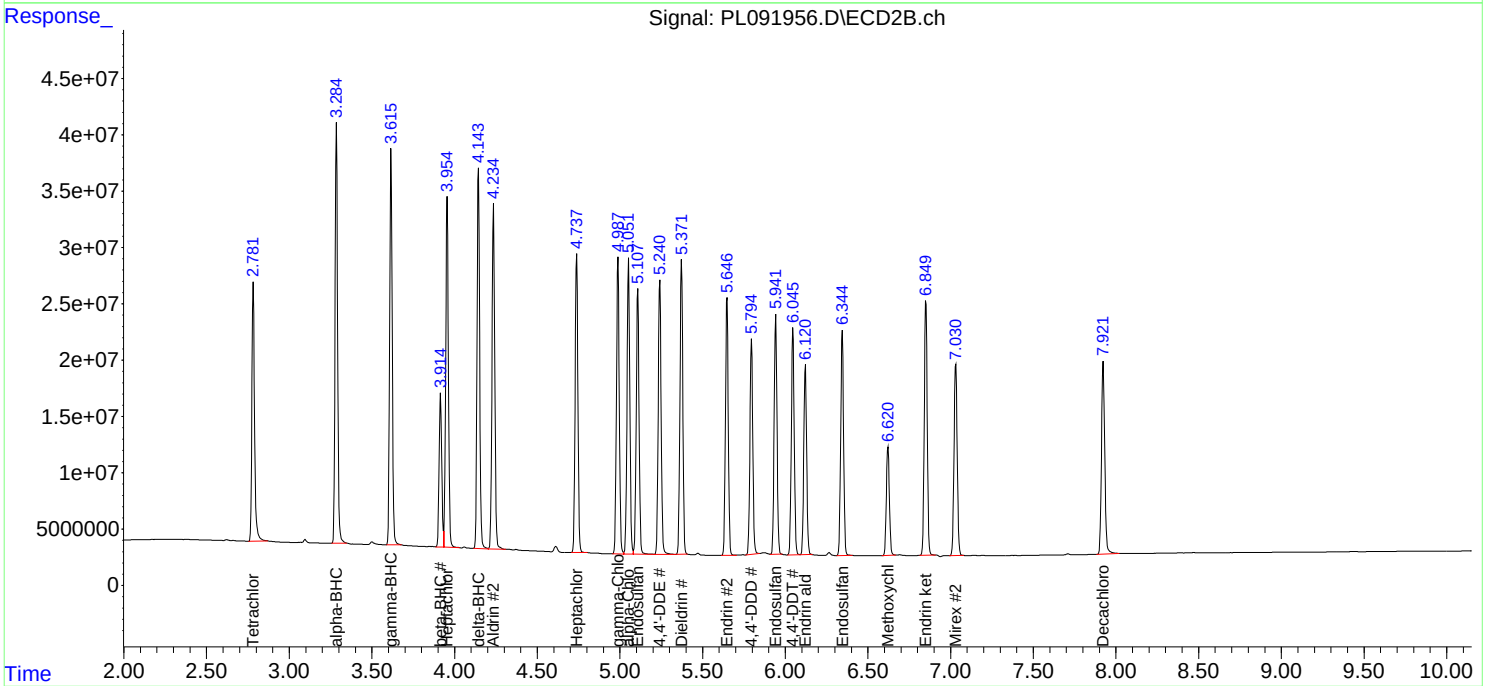
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:32
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:39:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:45
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:41:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	159.4E6	187.3E6	74.726	74.744
28)	SA	Decachlor...	9.060	7.924	116.0E6	180.0E6	74.800	74.962
		Target Compounds						
2)	A	alpha-BHC	3.999	3.286	225.8E6	284.0E6	74.655	74.640
3)	MA	gamma-BHC...	4.332	3.616	221.1E6	272.2E6	74.643	74.349
4)	MA	Heptachlor	4.921	3.955	193.6E6	257.6E6	74.508	74.161
5)	MB	Aldrin	5.263	4.235	195.5E6	259.2E6	74.349	74.269
6)	B	beta-BHC	4.530	3.915	92650426	108.6E6	74.347	74.115
7)	B	delta-BHC	4.777	4.145	206.8E6	268.5E6	74.062	74.471
8)	B	Heptachlo...	5.689	4.739	181.5E6	224.8E6	75.762	74.095
9)	A	Endosulfan I	6.074	5.108	161.4E6	205.2E6	74.409	74.223
10)	B	gamma-Chl...	5.945	4.988	172.9E6	226.5E6	74.253	74.159
11)	B	alpha-Chl...	6.024	5.052	172.6E6	223.8E6	74.395	74.108
12)	B	4,4'-DDE	6.197	5.241	153.4E6	211.6E6	74.435	74.206
13)	MA	Dieldrin	6.349	5.373	171.9E6	223.4E6	74.506	74.360
14)	MA	Endrin	6.579	5.648	145.1E6	198.2E6	74.433	74.393
15)	B	Endosulfa...	6.798	5.943	150.5E6	187.3E6	74.463	74.283
16)	A	4,4'-DDD	6.714	5.796	123.5E6	163.3E6	74.434	74.400
17)	MA	4,4'-DDT	7.028	6.047	130.2E6	177.8E6	74.751	74.550
18)	B	Endrin al...	6.929	6.122	120.3E6	150.3E6	74.659	74.427
19)	B	Endosulfa...	7.163	6.345	137.7E6	178.7E6	74.505	74.166
20)	A	Methoxychlor	7.504	6.622	69521260	91706580	74.624	74.662
21)	B	Endrin ke...	7.648	6.851	154.4E6	207.5E6	74.467	74.480
22)		Mirex	8.121	7.032	123.8E6	172.9E6	74.728	74.836

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

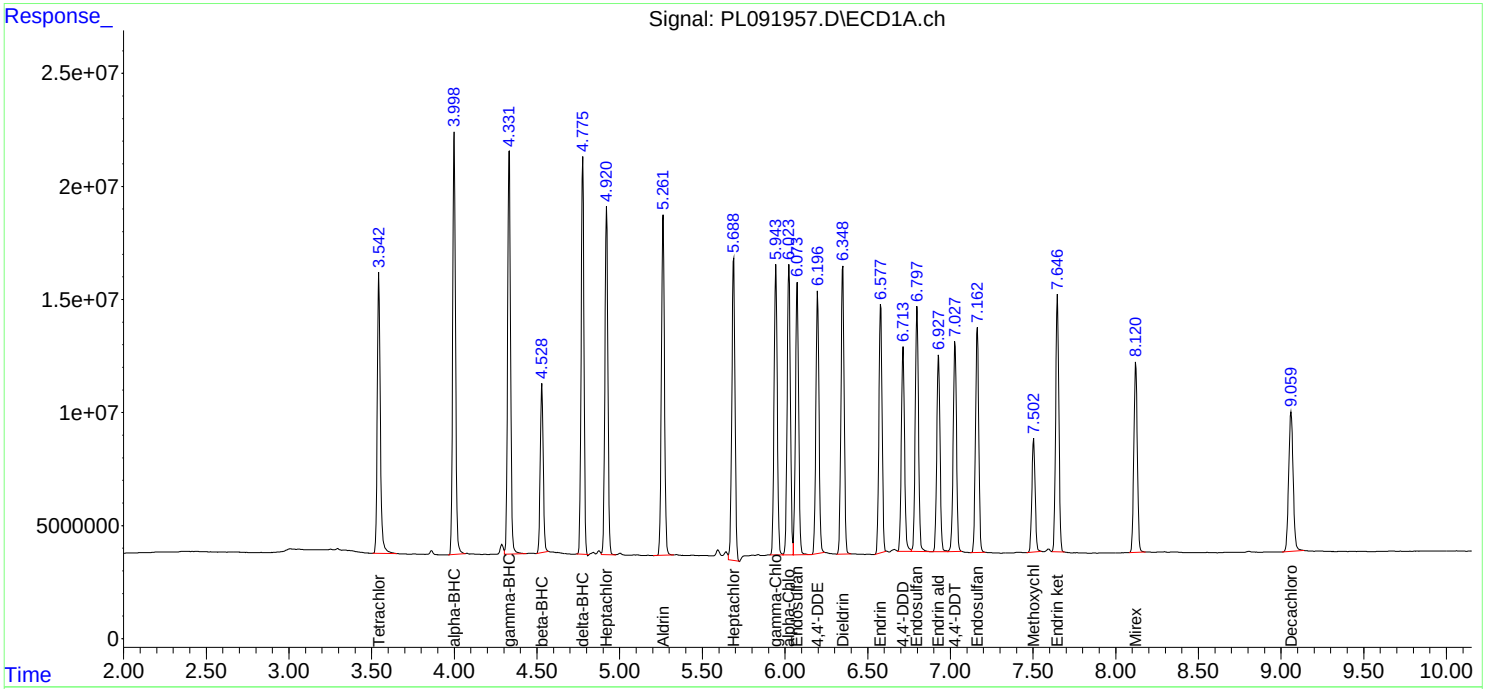
ICAL Form

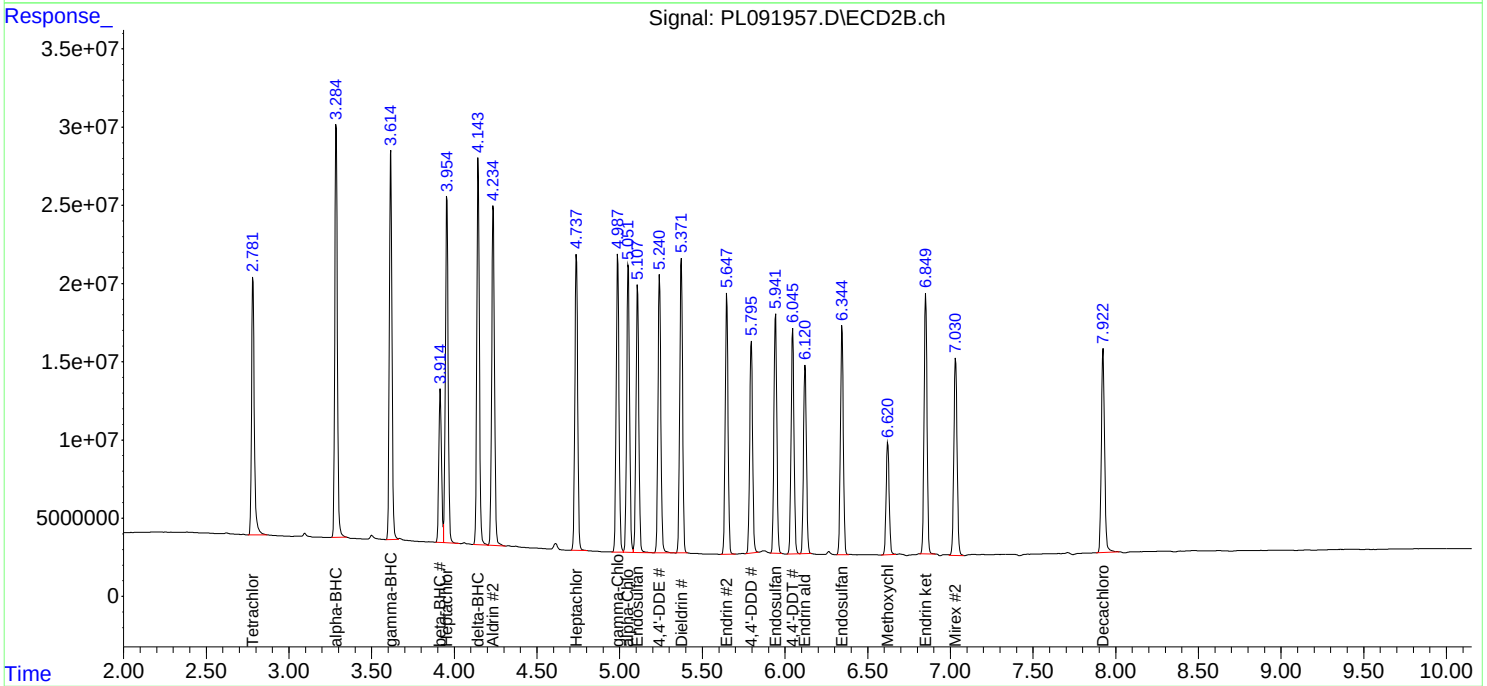
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:45
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:41:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:59
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:36:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.544	2.782	107.3E6	123.8E6	50.000	50.000
28)	SA	Decachlor...	9.060	7.923	79539342	121.4E6	50.000	50.000
		Target Compounds						
2)	A	alpha-BHC	3.999	3.286	149.3E6	184.5E6	50.000	50.000
3)	MA	gamma-BHC...	4.332	3.616	147.5E6	178.9E6	50.000	50.000
4)	MA	Heptachlor	4.920	3.955	131.2E6	171.6E6	50.000	50.000
5)	MB	Aldrin	5.263	4.235	132.1E6	171.0E6	50.000	50.000
6)	B	beta-BHC	4.529	3.915	63477159	73292412	50.000	50.000
7)	B	delta-BHC	4.777	4.145	138.9E6	175.5E6	50.000	50.000
8)	B	Heptachlo...	5.689	4.738	120.5E6	150.6E6	50.000	50.000
9)	A	Endosulfan I	6.075	5.108	110.4E6	137.1E6	50.000	50.000
10)	B	gamma-Chl...	5.945	4.988	117.9E6	150.4E6	50.000	50.000
11)	B	alpha-Chl...	6.024	5.052	117.7E6	149.5E6	50.000	50.000
12)	B	4,4'-DDE	6.197	5.241	103.6E6	139.8E6	50.000	50.000
13)	MA	Dieldrin	6.349	5.372	116.5E6	147.4E6	50.000	50.000
14)	MA	Endrin	6.579	5.648	98582726	131.2E6	50.000	50.000
15)	B	Endosulfa...	6.798	5.942	103.2E6	125.3E6	50.000	50.000
16)	A	4,4'-DDD	6.714	5.796	83925087	107.0E6	50.000	50.000
17)	MA	4,4'-DDT	7.028	6.046	87708743	116.5E6	50.000	50.000
18)	B	Endrin al...	6.928	6.122	82365868	101.0E6	50.000	50.000
19)	B	Endosulfa...	7.163	6.344	94470405	120.1E6	50.000	50.000
20)	A	Methoxychlor	7.504	6.621	47708430	61703976	50.000	50.000
21)	B	Endrin ke...	7.648	6.850	105.2E6	138.9E6	50.000	50.000
22)		Mirex	8.121	7.031	85437944	117.1E6	50.000	50.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

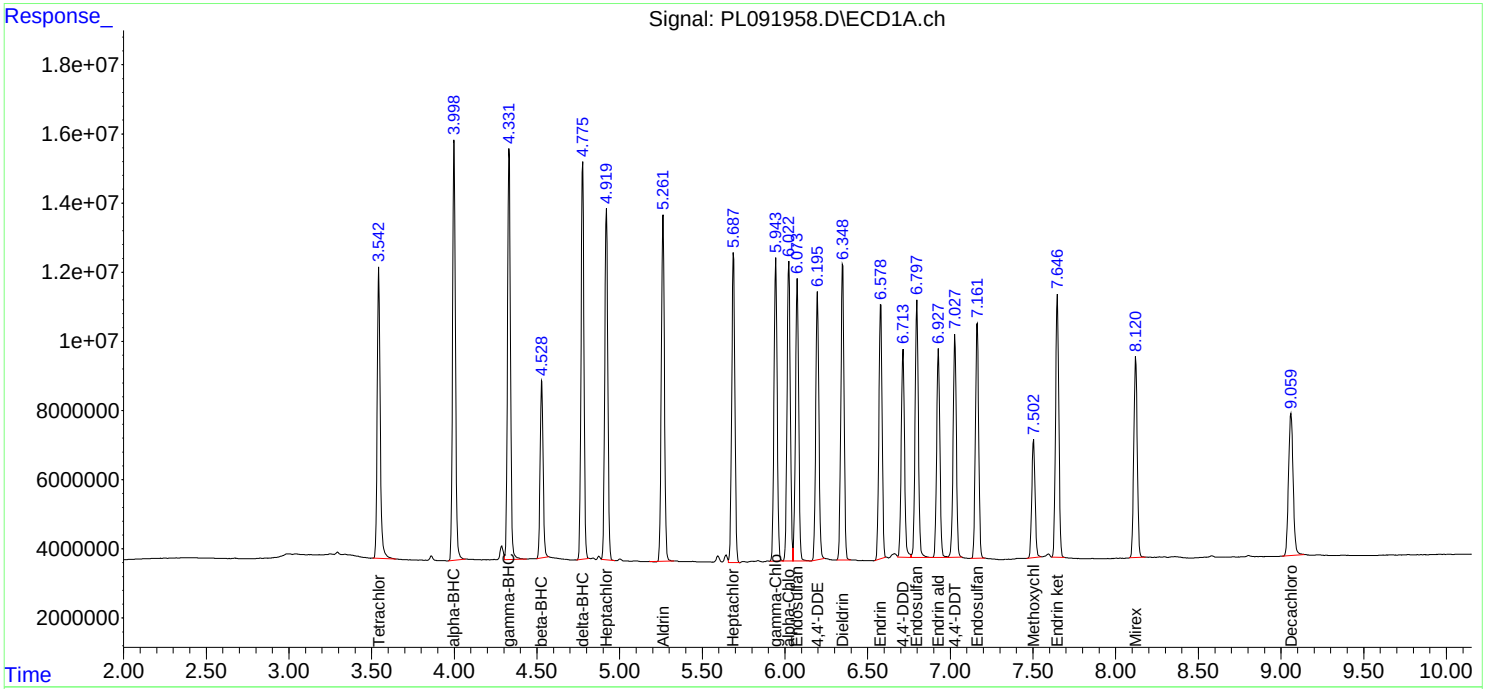
ICAL Form

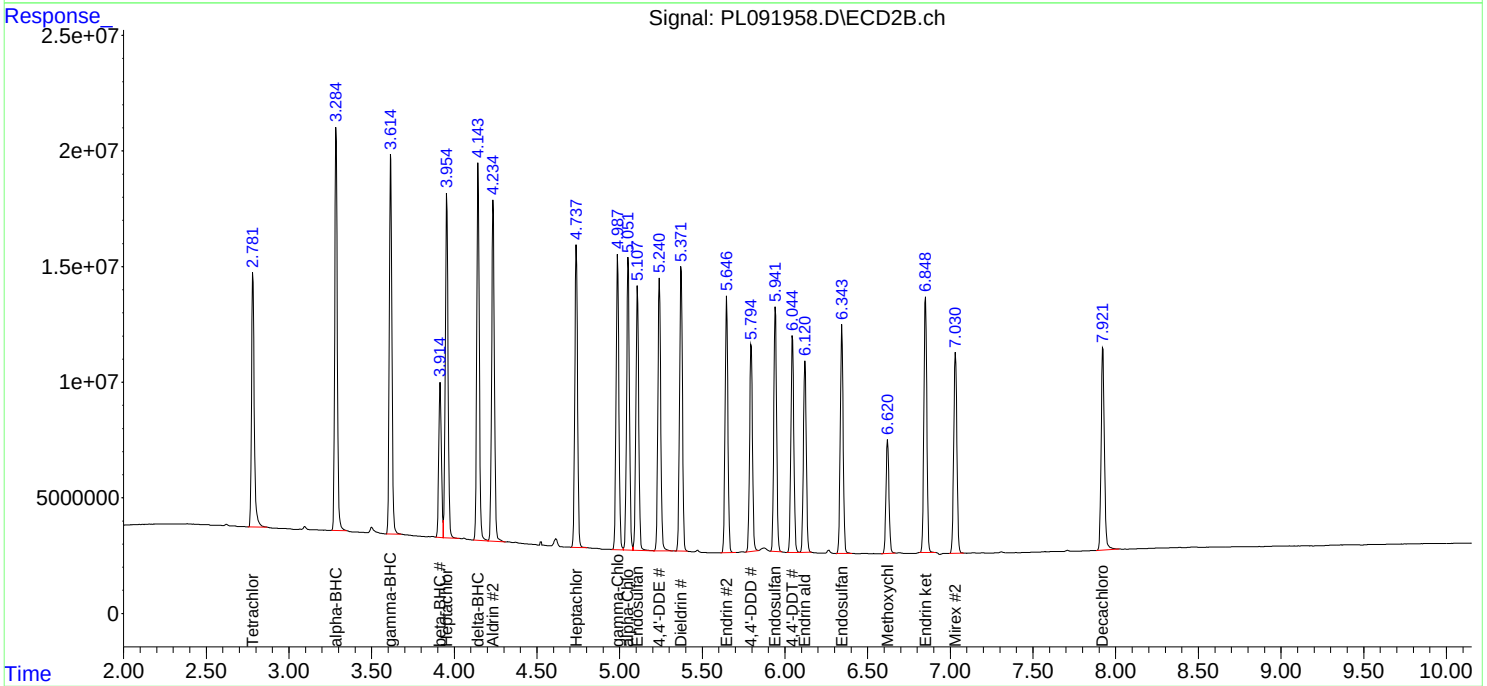
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:59
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:36:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:43:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.782	54937010	59624711	25.562	24.081
28) SA	Decachlor...	9.059	7.923	41073352	61966386	26.102	25.603
	Target Compounds						
2) A	alpha-BHC	3.999	3.286	74074890	85371658	24.618	23.028
3) MA	gamma-BHC...	4.331	3.616	73865719	82813172	24.949	23.172
4) MA	Heptachlor	4.920	3.955	68298152	80960696	25.948	23.711
5) MB	Aldrin	5.262	4.236	67254977	79381808	25.427	23.273
6) B	beta-BHC	4.529	3.915	32575804	35498092	25.846	24.409
7) B	delta-BHC	4.776	4.145	69935067	80745917	25.033	22.996
8) B	Heptachlo...	5.687	4.738	62343383	71825079	25.729m	23.996
9) A	Endosulfan I	6.074	5.108	57087002	65341726	25.971	23.963
10) B	gamma-Chl...	5.945	4.988	60585043	71022919	25.753	23.664
11) B	alpha-Chl...	6.023	5.052	60598011	71035000	25.826	23.875
12) B	4,4'-DDE	6.197	5.241	52611782	65370544	25.389	23.409
13) MA	Dieldrin	6.349	5.372	59510130	68975524	25.589	23.441
14) MA	Endrin	6.579	5.648	50407587	61937887	25.643	23.666
15) B	Endosulfa...	6.799	5.942	54023259	59969308	26.279	24.074
16) A	4,4'-DDD	6.714	5.796	43620120	49823326	25.949	23.231
17) MA	4,4'-DDT	7.028	6.046	45112797	54599950	25.676	23.382
18) B	Endrin al...	6.928	6.121	43011520	49279615	26.244	24.545
19) B	Endosulfa...	7.163	6.344	49193811	57864995	26.187	24.256
20) A	Methoxychlor	7.503	6.621	24340566	30579607	25.836	24.922
21) B	Endrin ke...	7.648	6.850	53814546	66992334	25.715	24.281
22)	Mirex	8.121	7.031	45018343	60930117	26.603	26.015

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

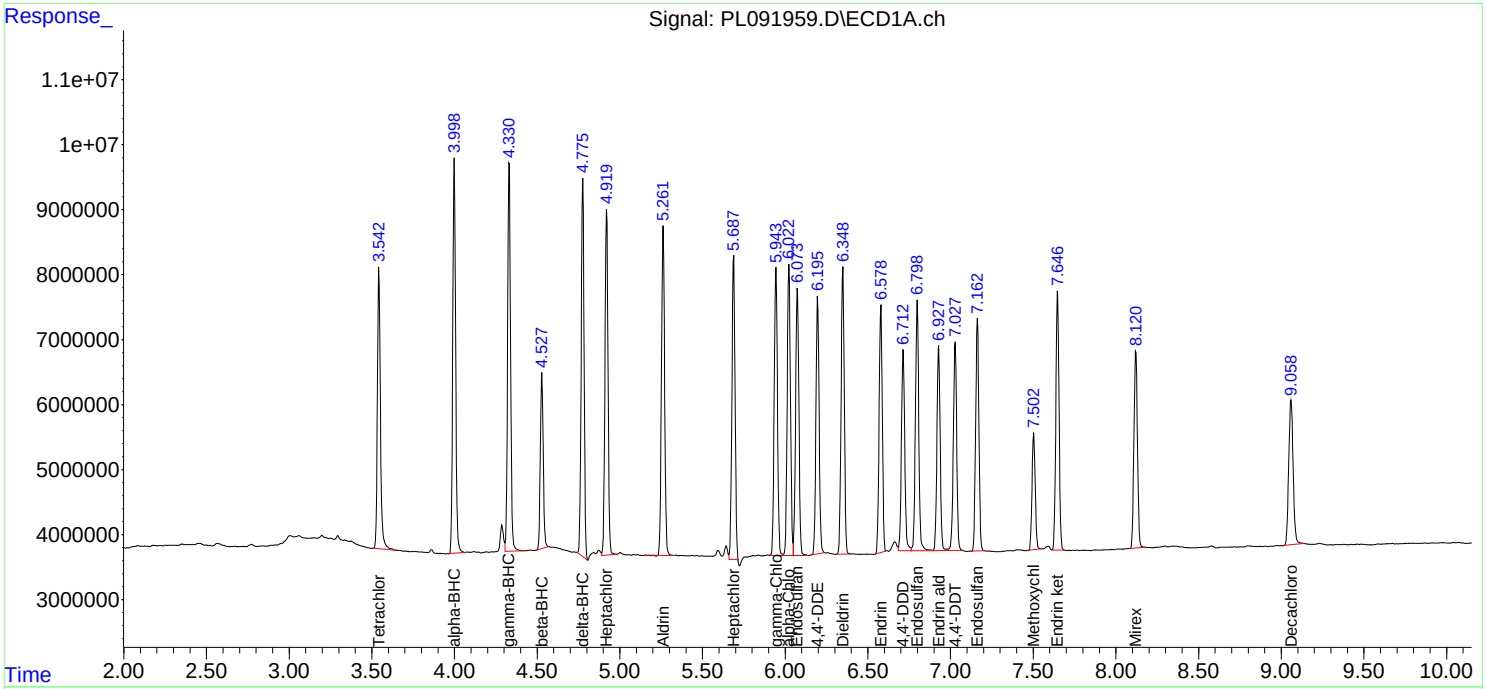
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

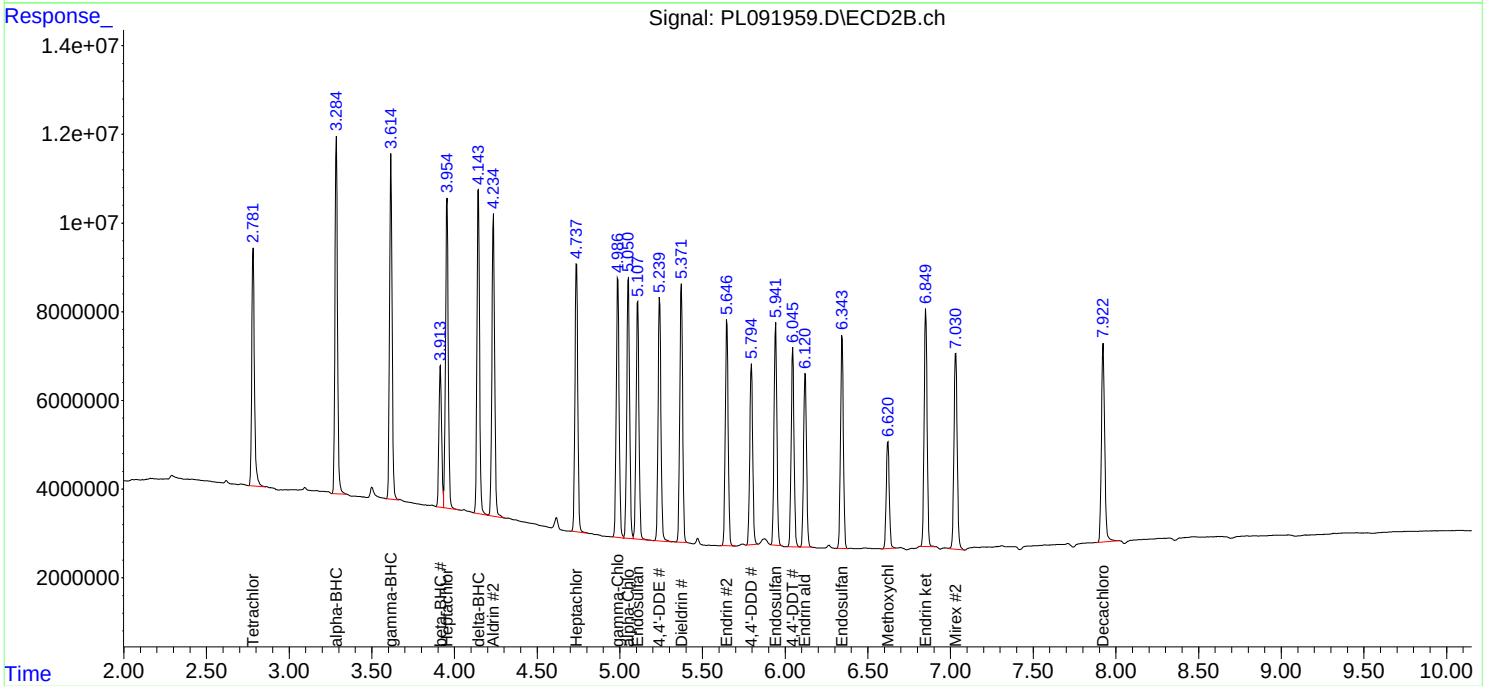
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:43:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:36:16 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:47:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:46:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.782	12633129	13182145	5.679	5.256
28) SA	Decachlor...	9.059	7.923	9484821	14143204	5.790	5.653
	Target Compounds						
2) A	alpha-BHC	3.999	3.285	17234641	16938621	5.566	4.649
3) MA	gamma-BHC...	4.331	3.615	18256381	16798623	5.891	4.758
4) MA	Heptachlor	4.919	3.955	16494140	17975038	5.973m	5.209
5) MB	Aldrin	5.262	4.235	16538396	16809155	5.954	4.942
6) B	beta-BHC	4.529	3.915	7951520	8491709	5.995	5.649
7) B	delta-BHC	4.774	4.144	16230374	16566283	5.661m	4.772
8) B	Heptachlo...	5.687	4.737	15229887	15706926	6.010m	5.196
9) A	Endosulfan I	6.074	5.108	13873483	14080406	5.997	5.130
10) B	gamma-Chl...	5.944	4.988	14729856	15187516	5.961	5.048
11) B	alpha-Chl...	6.023	5.052	14655099	15333163	5.949	5.122
12) B	4,4'-DDE	6.196	5.241	12666670	13620254	5.852	4.901
13) MA	Dieldrin	6.349	5.372	14459648	14445705	5.929	4.927
14) MA	Endrin	6.578	5.647	12202391	13210948	5.921	5.038
15) B	Endosulfa...	6.798	5.942	13878055	12738836	6.309	5.091
16) A	4,4'-DDD	6.713	5.795	11272715	10512441	6.382	4.921
17) MA	4,4'-DDT	7.027	6.046	10890247	11127077	5.915	4.810
18) B	Endrin al...	6.928	6.122	10790390	10863269	6.192	5.323
19) B	Endosulfa...	7.162	6.345	11985801	12600844	6.046	5.223
20) A	Methoxychlor	7.502	6.621	5700396	6718459	5.819m	5.373
21) B	Endrin ke...	7.647	6.848	13084630	14041873	5.954	5.068m
22)	Mirex	8.120	7.031	11179921	13974423	6.208	5.745

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

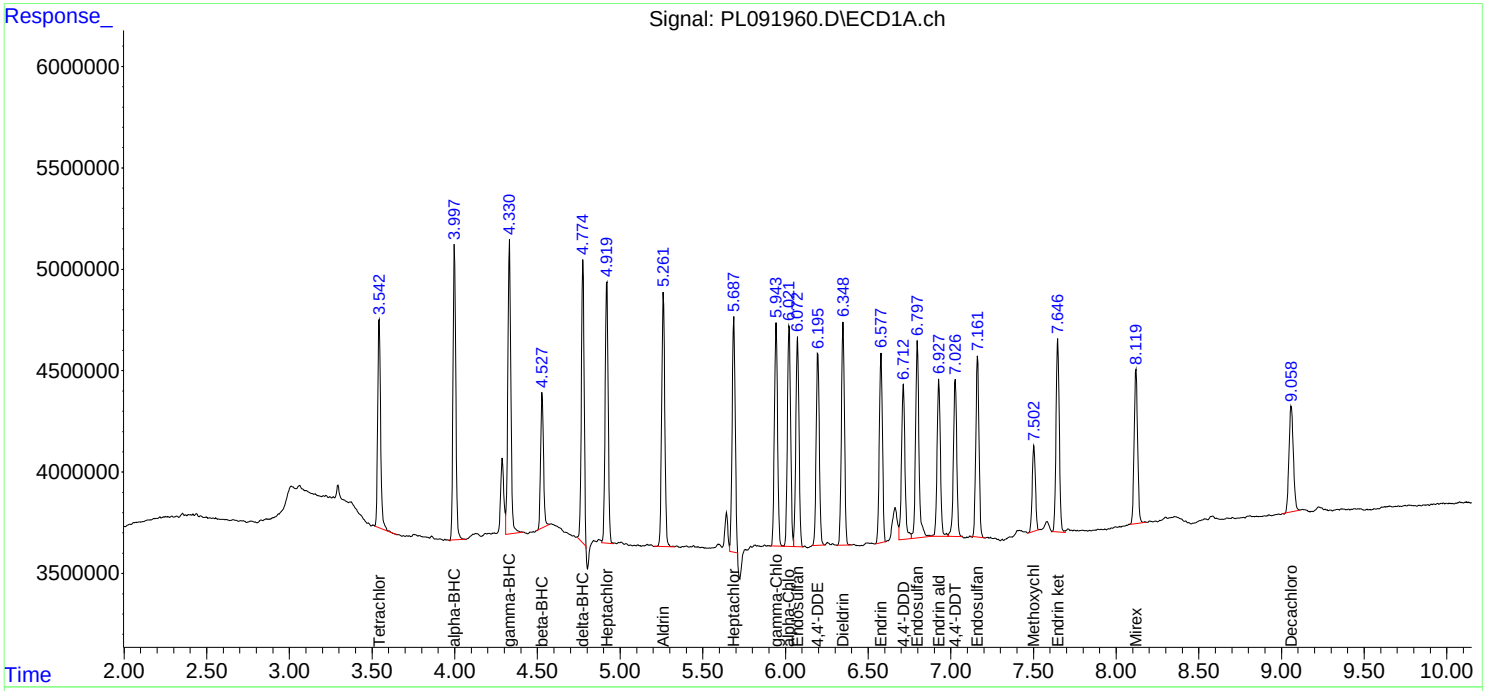
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

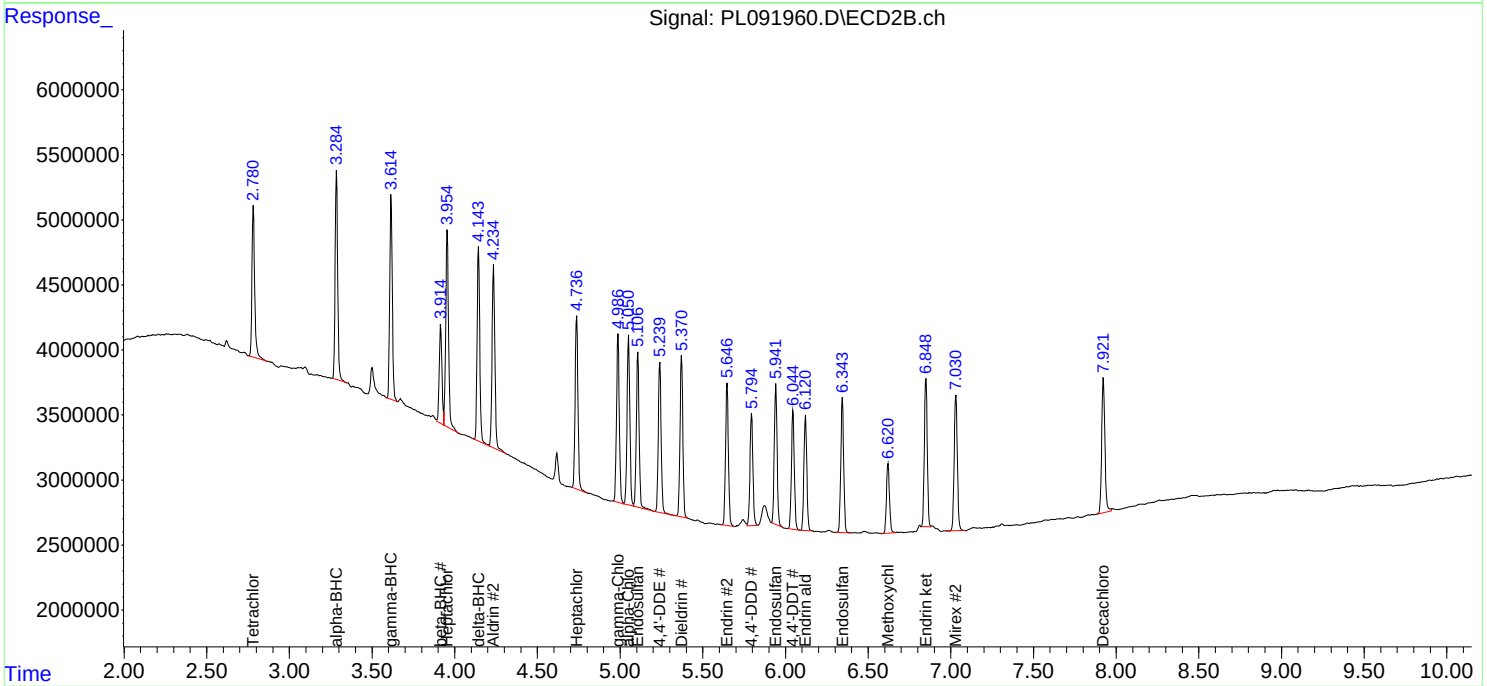
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:47:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 12:46:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 13:06
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:20:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 13:20:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	105.7E6	151.2E6	50.000	50.000
28)	SA Decachlor...	9.061	7.924	78626748	121.3E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.706	3.781	49457629	49048818	500.000	500.000
24)	Chlordane-2	5.236	4.358	51426580	54655467	500.000	500.000
25)	Chlordane-3	5.946	4.989	177.7E6	164.8E6	500.000	500.000
26)	Chlordane-4	6.028	5.051	216.0E6	157.8E6	500.000	500.000
27)	Chlordane-5	6.877	5.947	42070403	54145786	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

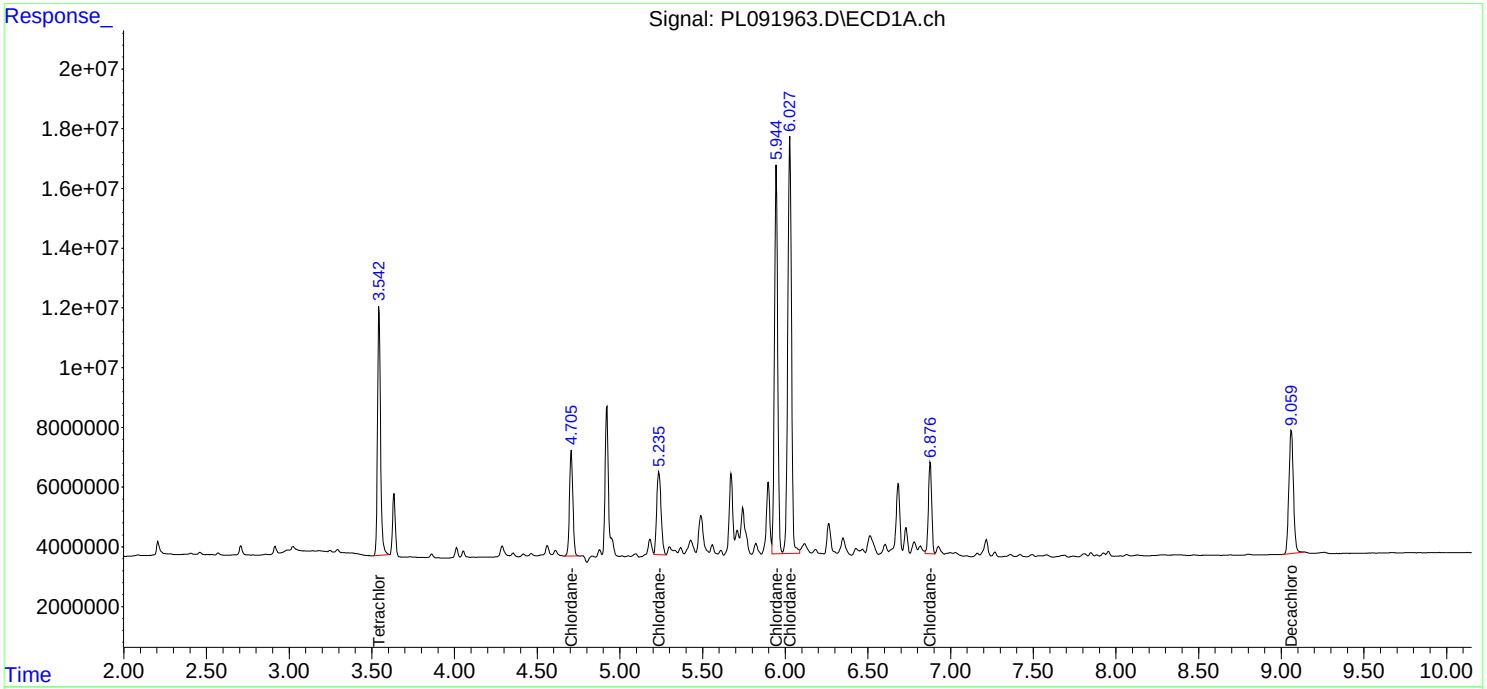
ICAL Form

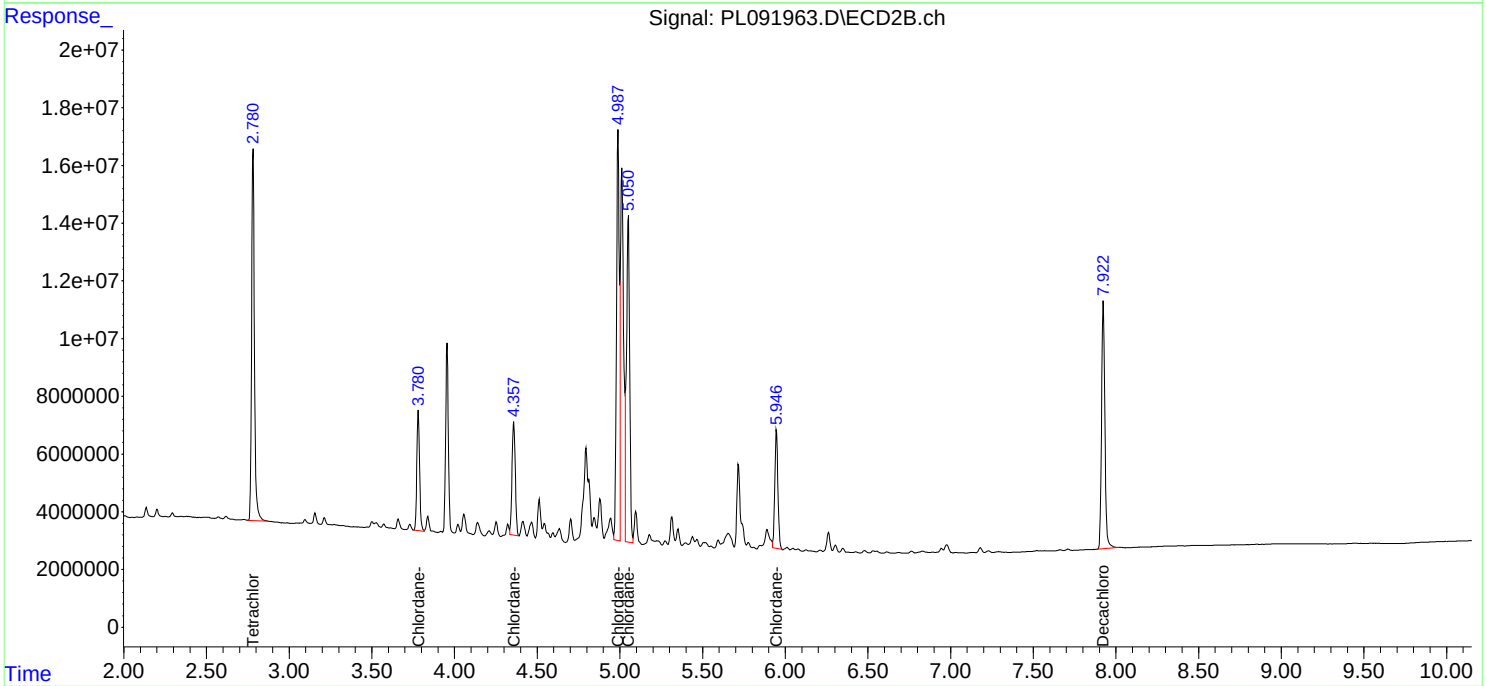
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 13:06
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:20:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 13:20:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:13
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:27:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:27:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.783	109.5E6	128.2E6	50.000	50.000
7) SA	Decachlor...	9.061	7.924	79903287	127.0E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.242	5.013	11332642	9046791	500.000	500.000
3)	Toxaphene-2	6.446	5.338	6961013	8635853	500.000	500.000
4)	Toxaphene-3	7.064	6.612	35480266	31997930	500.000	500.000
5)	Toxaphene-4	7.154	6.740	26925608	44333132	500.000	500.000
6)	Toxaphene-5	7.939	7.053	19863490	30174872	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

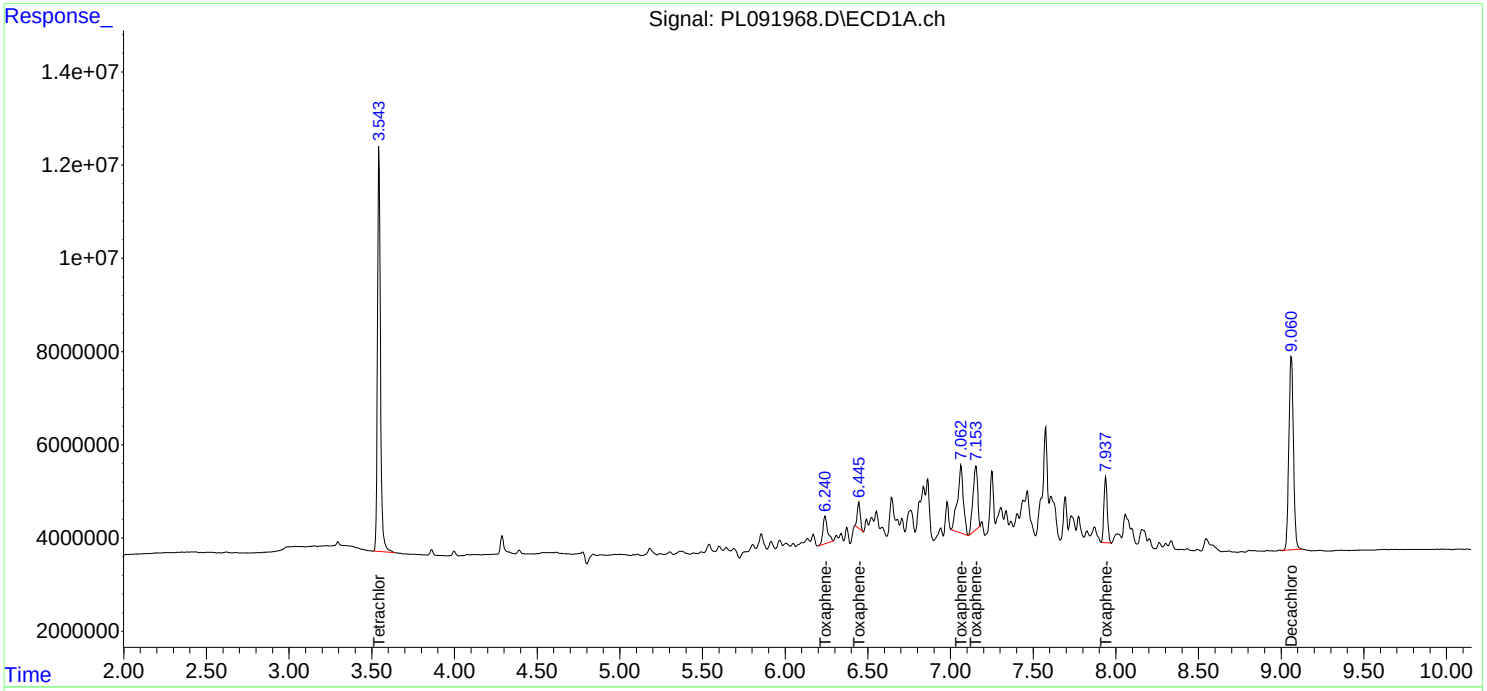
ICAL Form

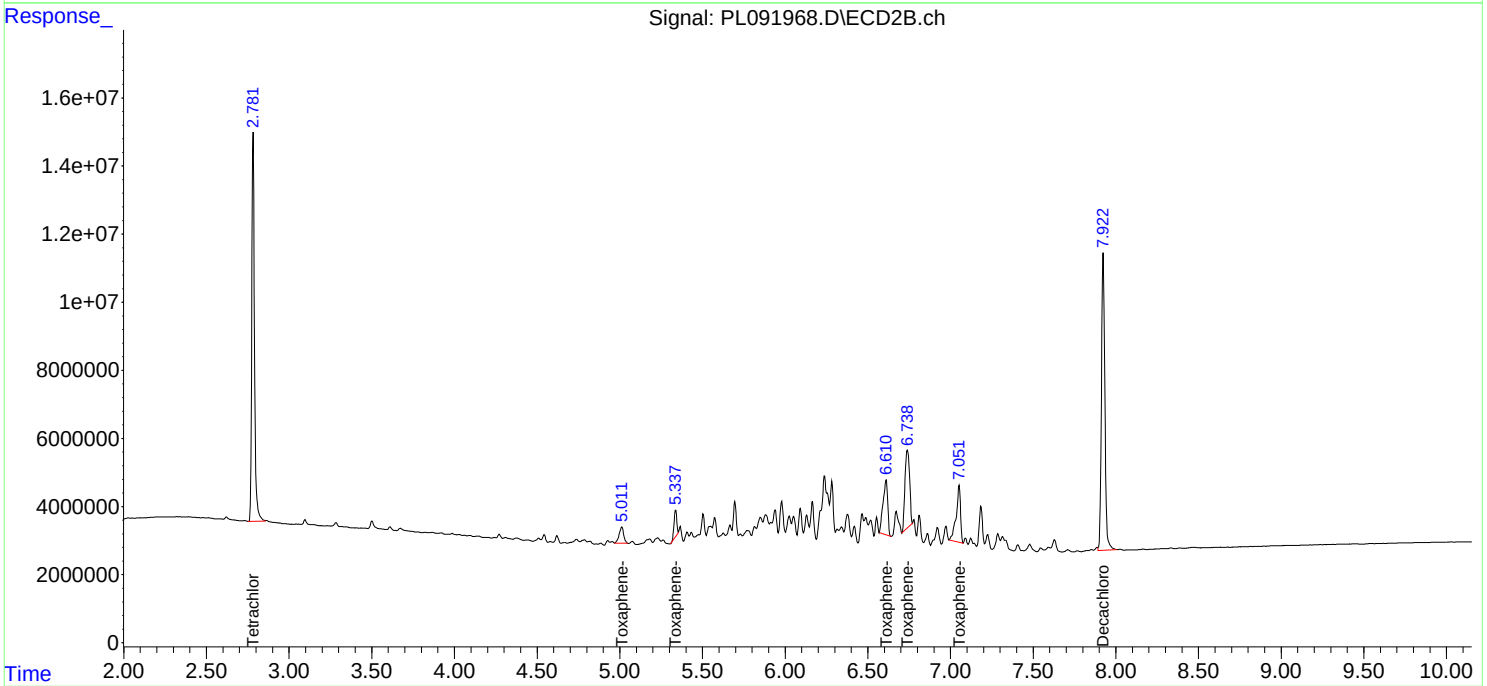
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:13
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:27:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:27:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:03:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.783	109.9E6	128.4E6	49.390	51.205
28) SA	Decachlor...	9.061	7.924	80630291	124.4E6	49.218	49.714
	Target Compounds						
2) A	alpha-BHC	4.000	3.286	153.8E6	191.8E6	49.681	52.648
3) MA	gamma-BHC...	4.333	3.616	148.6E6	180.9E6	47.945	51.231
4) MA	Heptachlor	4.921	3.956	136.9E6	180.2E6	49.499	52.235
5) MB	Aldrin	5.263	4.236	131.2E6	170.0E6	47.251	49.996
6) B	beta-BHC	4.529	3.916	66146006	76950183	49.870	51.194
7) B	delta-BHC	4.777	4.145	137.2E6	174.0E6	47.561	50.106
8) B	Heptachlo...	5.689	4.739	123.2E6	152.3E6	48.400	50.380
9) A	Endosulfan I	6.075	5.109	112.6E6	141.2E6	48.653	51.437
10) B	gamma-Chl...	5.945	4.989	121.7E6	157.8E6	49.229	52.448
11) B	alpha-Chl...	6.024	5.052	120.9E6	155.4E6	49.062	51.920
12) B	4,4'-DDE	6.197	5.242	105.6E6	144.3E6	48.782	51.912
13) MA	Dieldrin	6.350	5.373	118.3E6	151.6E6	48.519	51.702
14) MA	Endrin	6.579	5.649	98509120	136.0E6	47.804	51.857
15) B	Endosulfa...	6.799	5.943	105.0E6	130.1E6	47.716	51.995
16) A	4,4'-DDD	6.715	5.796	85129062	110.7E6	47.407	51.804
17) MA	4,4'-DDT	7.029	6.047	91095429	120.5E6	49.476	52.077
18) B	Endrin al...	6.929	6.122	80636033	99387650	46.269	48.702
19) B	Endosulfa...	7.163	6.345	95965254	123.4E6	48.412	51.142
20) A	Methoxychlor	7.504	6.622	48243371	62546426	49.142	50.023
21) B	Endrin ke...	7.648	6.851	105.6E6	141.0E6	48.075	50.910
22)	Mirex	8.122	7.032	83219849	114.6E6	46.208	47.114

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

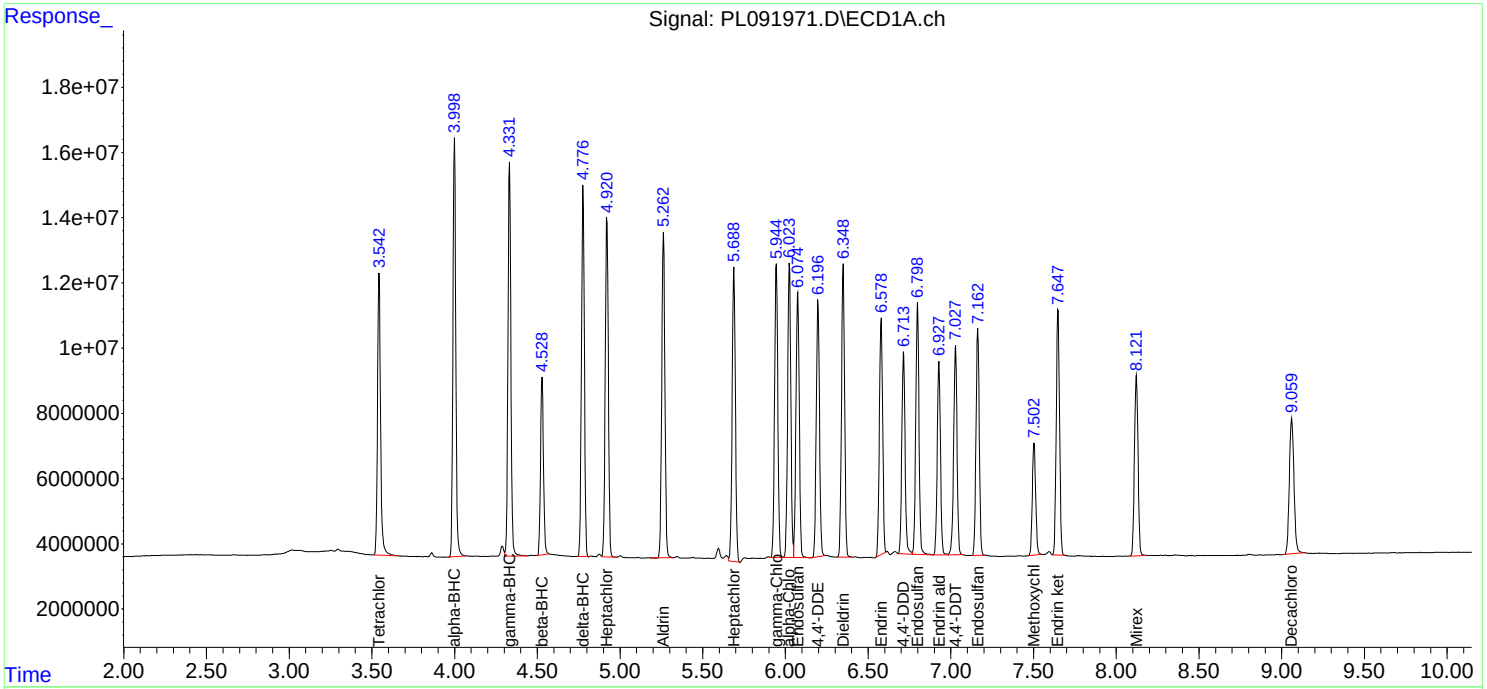
ICAL Form

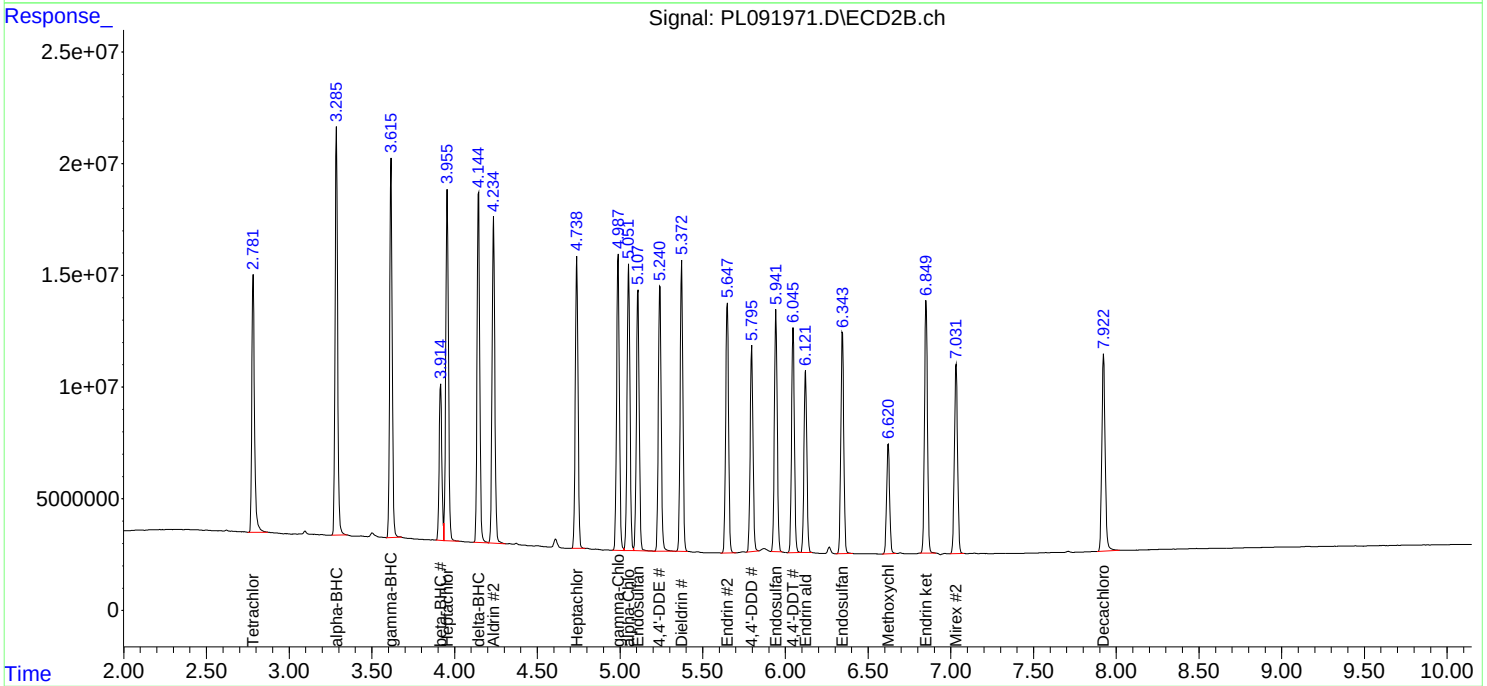
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 14:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:03:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:20
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:42:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:41:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	106.0E6	152.5E6	48.293	49.786
28)	SA Decachlor...	9.061	7.924	78307449	122.8E6	48.429	49.154
	Target Compounds						
23)	Chlordane-1	4.706	3.781	48433111	49506810	472.544	495.163
24)	Chlordane-2	5.236	4.359	51223526	55177128	477.624	491.661
25)	Chlordane-3	5.946	4.989	177.0E6	165.6E6	472.503	499.985
26)	Chlordane-4	6.028	5.052	215.1E6	156.2E6	474.993	492.258
27)	Chlordane-5	6.877	5.948	42165256	54383336	483.464	501.463

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

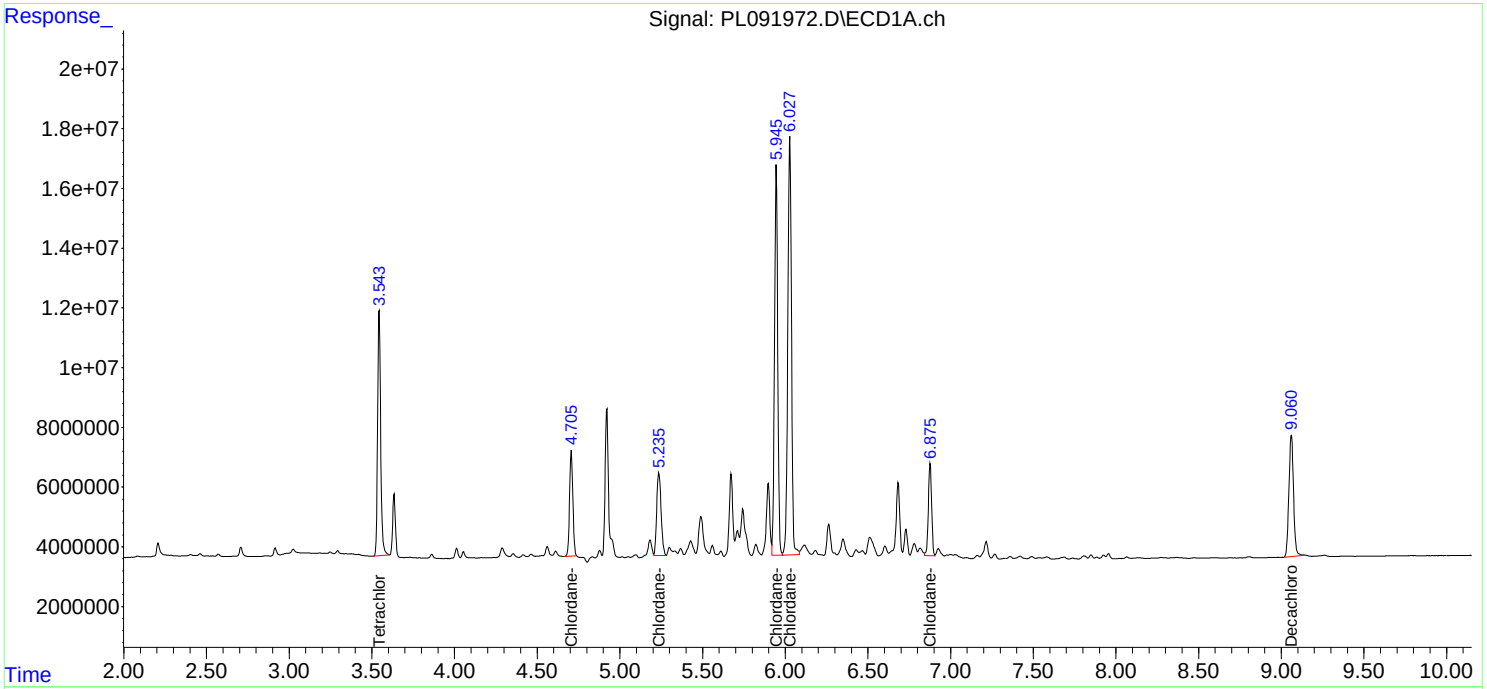
ICAL Form

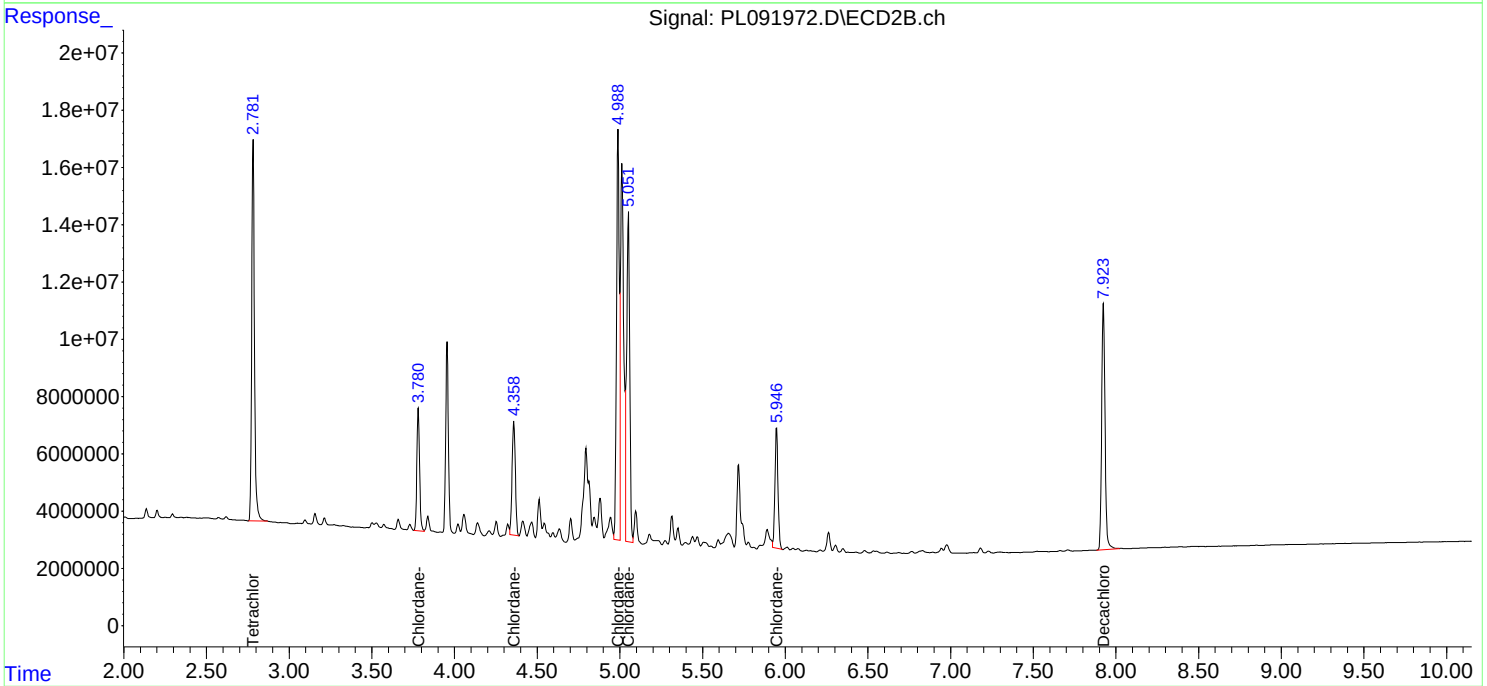
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:20
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:42:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:41:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:51:37 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.783	106.0E6	124.1E6	46.888	47.823
7) SA	Decachlor...	9.061	7.924	76815884	122.2E6	46.636	47.394
	Target Compounds						
2)	Toxaphene-1	6.241	5.013	11013305	8801665	475.036	483.177
3)	Toxaphene-2	6.445	5.337	6784732	8482784	470.031	485.233
4)	Toxaphene-3	7.062	6.611	33644733	30213842	462.251	489.402
5)	Toxaphene-4	7.154	6.740	25440428	43005290	460.778	489.466
6)	Toxaphene-5	7.938	7.052	19006455	28140333	465.831	472.098

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

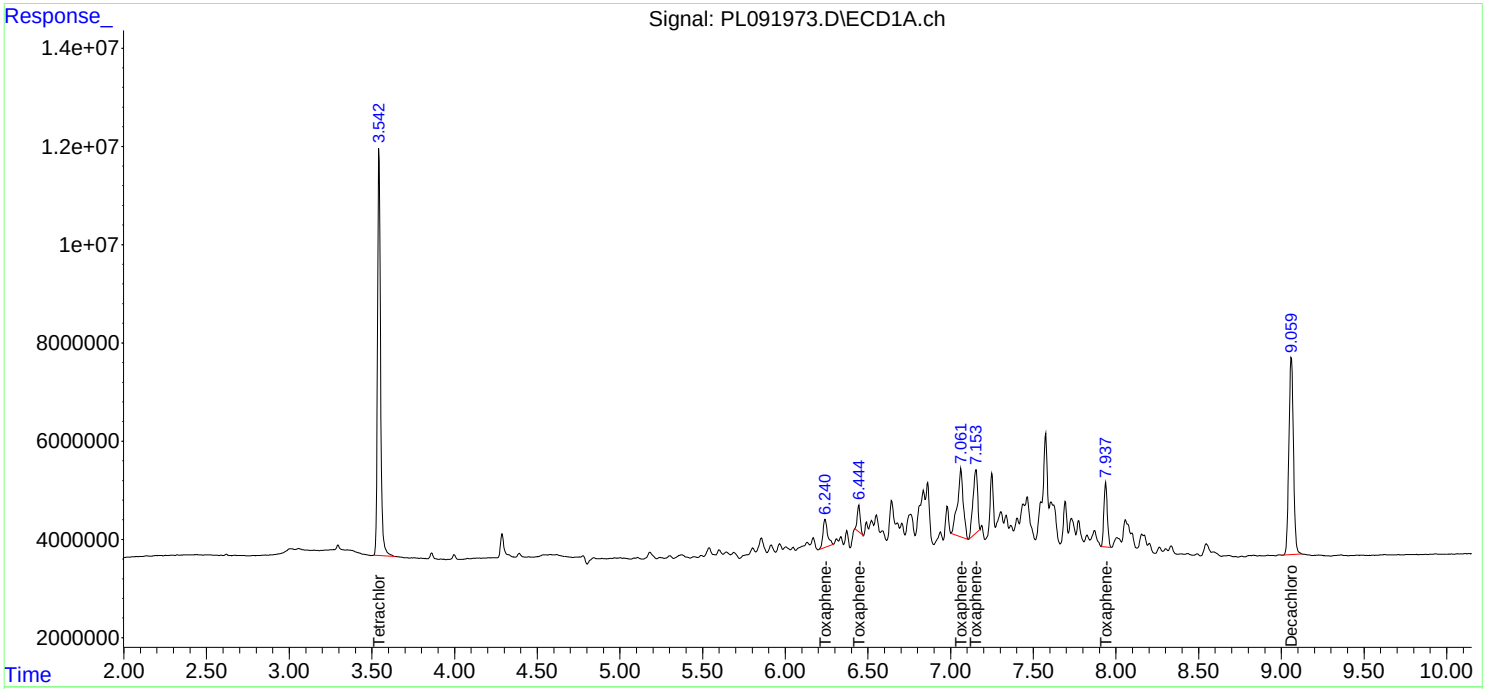
ICAL Form

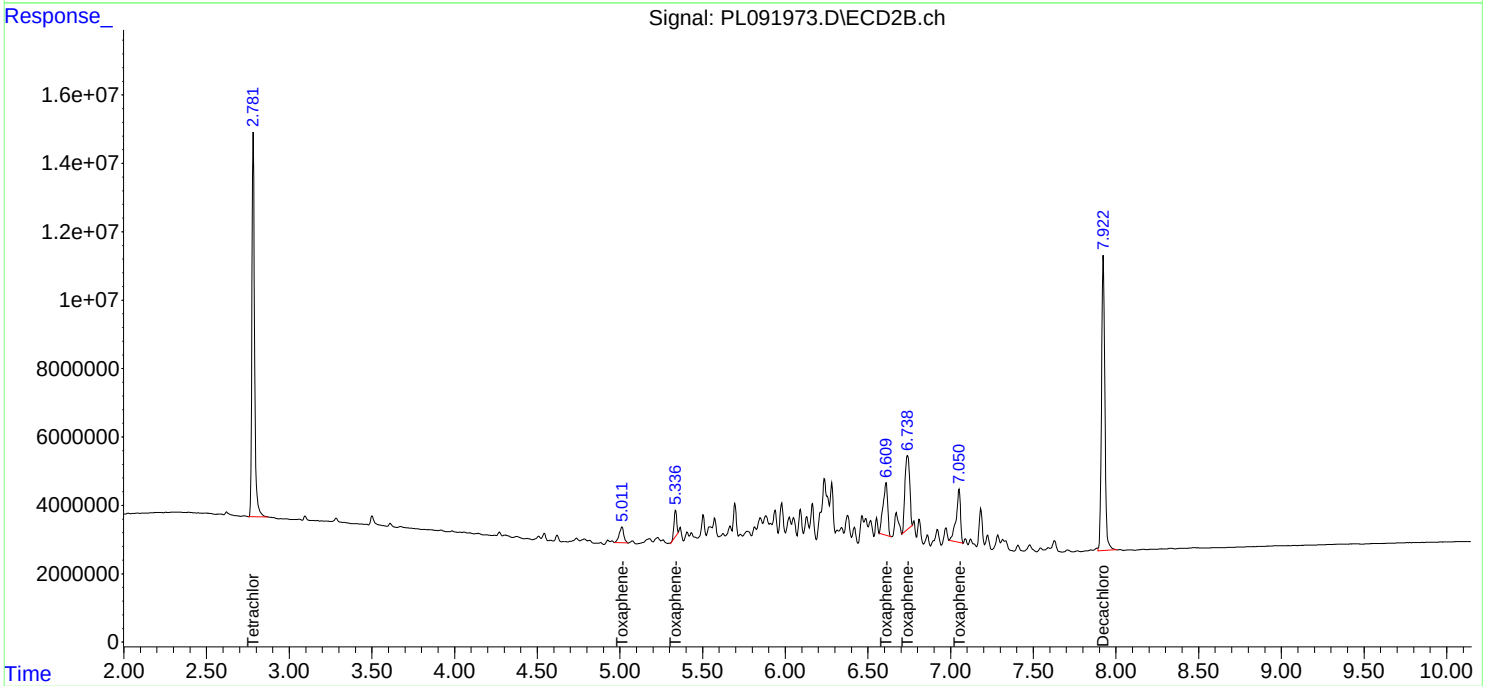
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 15:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092324

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:57:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:51:37 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PL092221.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Continuing Calib Date: 10/03/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 15:02 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

Raw Data: **PL092221.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Continuing Calib Date: 10/03/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 15:02 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endrin	5.65	5.65	5.55	5.75	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

Raw Data: **PL092221.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/03/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092221.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.059	8.960	9.160	49.630	50.000	-0.7
Endrin	6.578	6.479	6.679	43.850	50.000	-12.3
gamma-BHC (Lindane)	4.331	4.232	4.432	49.210	50.000	-1.6
Heptachlor	4.919	4.820	5.020	48.340	50.000	-3.3
Heptachlor epoxide	5.688	5.589	5.789	48.700	50.000	-2.6
Methoxychlor	7.502	7.404	7.604	46.560	50.000	-6.9
Tetrachloro-m-xylene	3.542	3.444	3.644	51.160	50.000	2.3

Raw Data: **PL092221.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/03/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092221.D **Time Analyzed:** 15:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.921	7.823	8.023	47.460	50.000	-5.1
Endrin	5.646	5.548	5.748	47.570	50.000	-4.9
gamma-BHC (Lindane)	3.614	3.516	3.716	53.910	50.000	7.8
Heptachlor	3.953	3.855	4.055	51.650	50.000	3.3
Heptachlor epoxide	4.736	4.638	4.838	52.500	50.000	5.0
Methoxychlor	6.619	6.521	6.721	46.900	50.000	-6.2
Tetrachloro-m-xylene	2.781	2.682	2.882	53.960	50.000	7.9

Quantitation Report (QT Reviewed)

Sample Results: **PL092221.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 15:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:21:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.542	2.781	113.8E6	135.3E6	51.157	53.960
28) SA	Decachlor...	9.059	7.921	81309679	118.7E6	49.633	47.458
	Target Compounds						
2) A	alpha-BHC	3.998	3.284	157.6E6	199.4E6	50.881	54.726
3) MA	gamma-BHC...	4.331	3.614	152.5E6	190.4E6	49.214	53.913
4) MA	Heptachlor	4.919	3.953	133.7E6	178.2E6	48.337	51.650
5) MB	Aldrin	5.261	4.234	133.9E6	184.4E6	48.202	54.210
6) B	beta-BHC	4.528	3.913	66269358	79233595	49.963	52.714
7) B	delta-BHC	4.775	4.143	145.9E6	190.8E6	50.599	54.949
8) B	Heptachlo...	5.688	4.736	123.9E6	158.7E6	48.703	52.500
9) A	Endosulfan I	6.073	5.106	111.6E6	142.7E6	48.236	51.994
10) B	gamma-Chl...	5.943	4.986	124.8E6	159.3E6	50.500	52.944
11) B	alpha-Chl...	6.023	5.050	119.7E6	156.8E6	48.577	52.375
12) B	4,4'-DDE	6.196	5.237	105.4E6	149.5E6	48.698	53.813m
13) MA	Dieldrin	6.348	5.370	116.0E6	154.0E6	47.554	52.530
14) MA	Endrin	6.578	5.646	90366995	124.7E6	43.853	47.569
15) B	Endosulfa...	6.798	5.940	100.4E6	128.6E6	45.651	51.405
16) A	4,4'-DDD	6.711	5.794	89310083	120.5E6	49.735m	56.414
17) MA	4,4'-DDT	7.027	6.044	82557808	109.9E6	44.839	47.508
18) B	Endrin al...	6.928	6.119	82682078	104.5E6	47.443	51.217
19) B	Endosulfa...	7.162	6.342	93535629	122.1E6	47.186	50.621
20) A	Methoxychlor	7.502	6.619	45704677	58637631	46.556	46.897
21) B	Endrin ke...	7.647	6.848	108.4E6	145.0E6	49.321	52.352
22)	Mirex	8.120	7.029	82183573	114.6E6	45.632	47.129

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 15:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

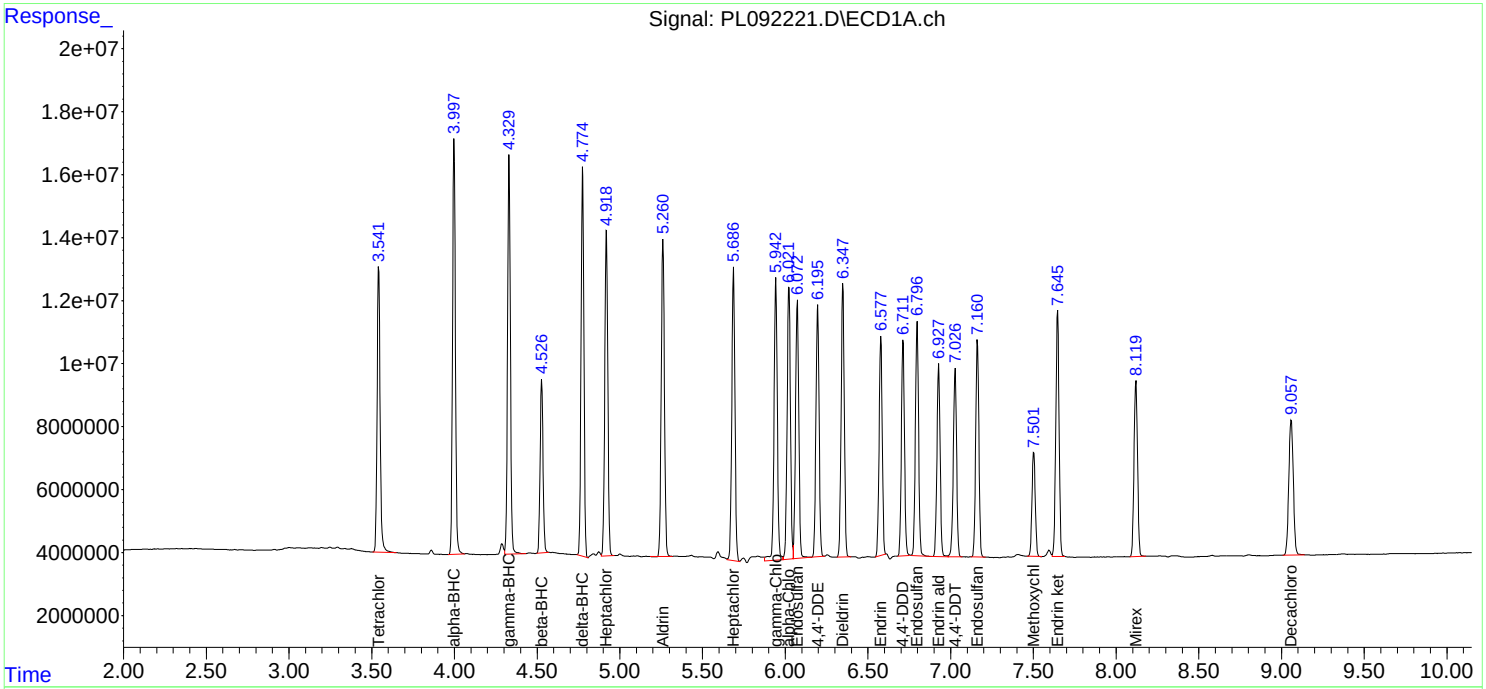
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

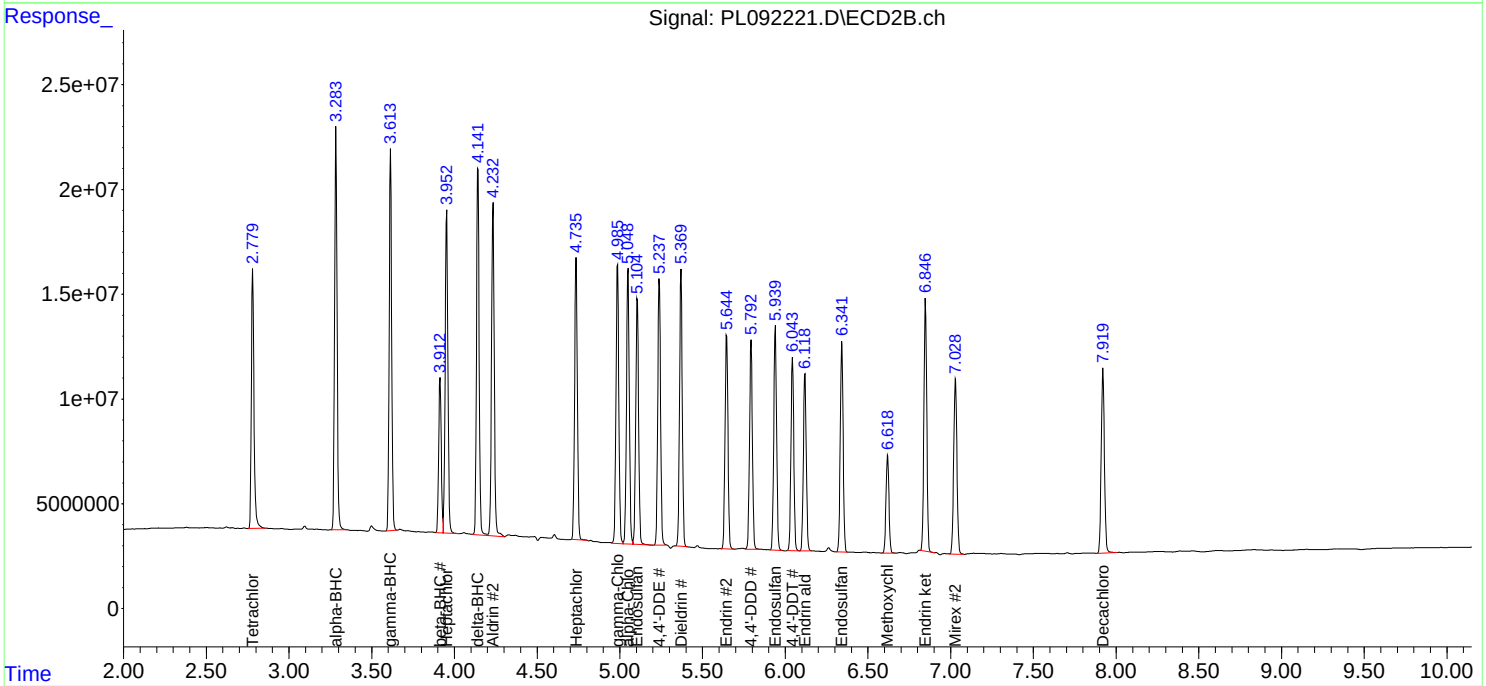
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:21:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Raw Data: **PL092229.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Continuing Calib Date: 10/03/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 18:43 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

Raw Data: **PL092229.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Continuing Calib Date: 10/03/2024 **Initial Calibration Date(s):** 09/23/2024 09/23/2024

Continuing Calib Time: 18:43 **Initial Calibration Time(s):** 11:32 12:26

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.62	3.52	3.72	0.01
Heptachlor	3.95	3.96	3.86	4.06	0.01
Heptachlor epoxide	4.74	4.74	4.64	4.84	0.00
Endrin	5.65	5.65	5.55	5.75	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/03/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092229.D **Time Analyzed:** 18:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.058	8.960	9.160	50.740	50.000	1.5
Endrin	6.577	6.479	6.679	44.550	50.000	-10.9
gamma-BHC (Lindane)	4.331	4.232	4.432	49.990	50.000	0.0
Heptachlor	4.920	4.820	5.020	48.750	50.000	-2.5
Heptachlor epoxide	5.688	5.589	5.789	51.430	50.000	2.9
Methoxychlor	7.502	7.404	7.604	46.940	50.000	-6.1
Tetrachloro-m-xylene	3.542	3.444	3.644	51.560	50.000	3.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/03/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092229.D **Time Analyzed:** 18:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.920	7.823	8.023	50.700	50.000	1.4
Endrin	5.646	5.548	5.748	48.820	50.000	-2.4
gamma-BHC (Lindane)	3.614	3.516	3.716	54.820	50.000	9.6
Heptachlor	3.953	3.855	4.055	51.780	50.000	3.6
Heptachlor epoxide	4.736	4.638	4.838	53.650	50.000	7.3
Methoxychlor	6.618	6.521	6.721	48.280	50.000	-3.4
Tetrachloro-m-xylene	2.781	2.682	2.882	53.800	50.000	7.6

Quantitation Report (QT Reviewed)

Sample Results: **PL092229.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:22:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.542	2.781	114.7E6	134.9E6	51.562	53.795
28)	SA	Decachlor...	9.058	7.920	83129389	126.9E6	50.743	50.704
		Target Compounds						
2)	A	alpha-BHC	3.998	3.284	159.1E6	201.1E6	51.374	55.209
3)	MA	gamma-BHC...	4.331	3.614	154.9E6	193.6E6	49.991	54.817
4)	MA	Heptachlor	4.920	3.953	134.8E6	178.7E6	48.748	51.776
5)	MB	Aldrin	5.261	4.232	135.8E6	182.7E6	48.909	53.709m
6)	B	beta-BHC	4.528	3.913	67068451	79578243	50.565	52.943
7)	B	delta-BHC	4.775	4.142	147.2E6	193.8E6	51.021	55.828
8)	B	Heptachlo...	5.688	4.736	130.9E6	162.2E6	51.432	53.648
9)	A	Endosulfan I	6.073	5.106	114.8E6	143.2E6	49.624	52.164
10)	B	gamma-Chl...	5.942	4.986	120.2E6	161.6E6	48.633m	53.704
11)	B	alpha-Chl...	6.022	5.049	123.1E6	159.8E6	49.955	53.396
12)	B	4,4'-DDE	6.195	5.237	107.7E6	152.7E6	49.739	54.950m
13)	MA	Dieldrin	6.348	5.370	118.0E6	158.6E6	48.385	54.092
14)	MA	Endrin	6.577	5.646	91804029	128.0E6	44.550	48.824
15)	B	Endosulfa...	6.797	5.940	103.0E6	133.0E6	46.829	53.166
16)	A	4,4'-DDD	6.711	5.793	91890309	125.3E6	51.172m	58.639
17)	MA	4,4'-DDT	7.027	6.044	83798722	111.6E6	45.513	48.231
18)	B	Endrin al...	6.927	6.120	85029756	107.6E6	48.790	52.743
19)	B	Endosulfa...	7.161	6.342	95826999	126.4E6	48.342	52.388
20)	A	Methoxychlor	7.502	6.618	46084737	60362979	46.943	48.277
21)	B	Endrin ke...	7.646	6.848	111.3E6	152.2E6	50.637	54.959
22)		Mirex	8.120	7.028	85193586	120.6E6	47.304	49.580

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL092229.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

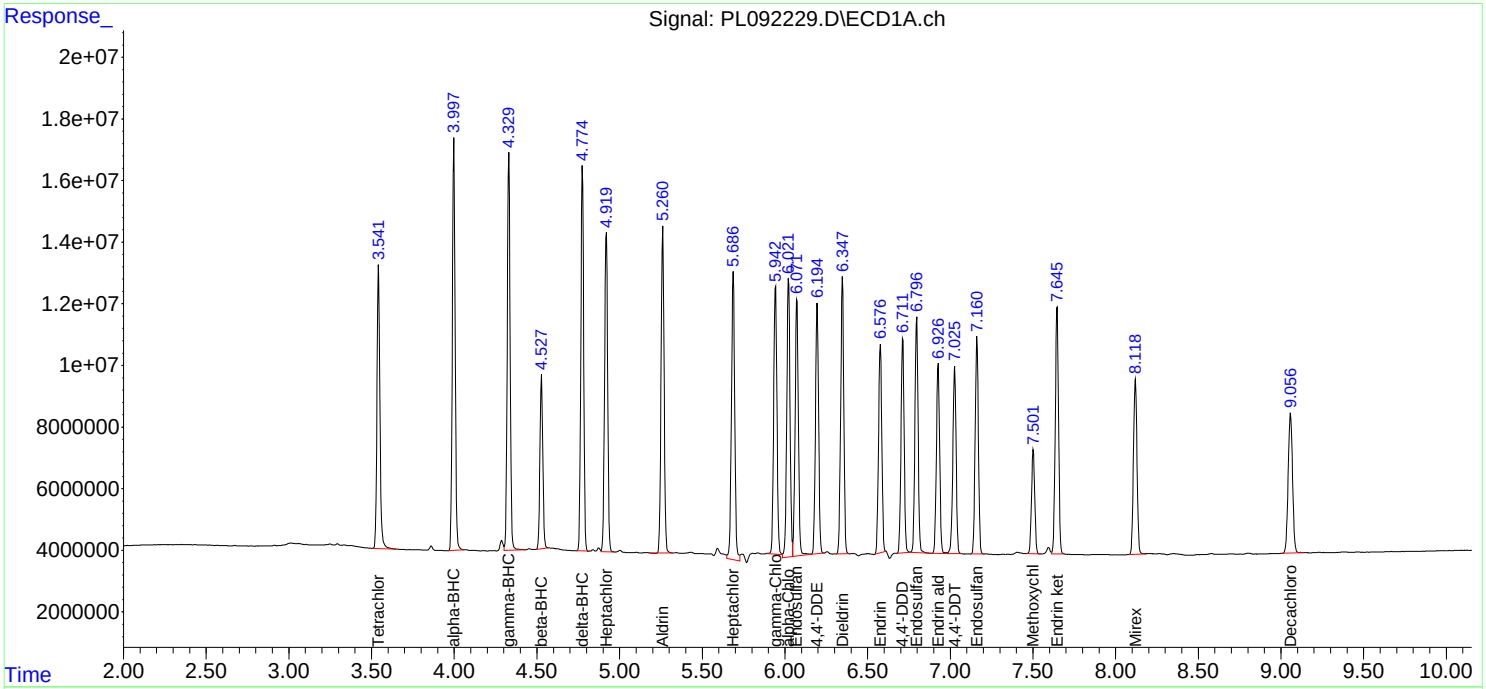
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

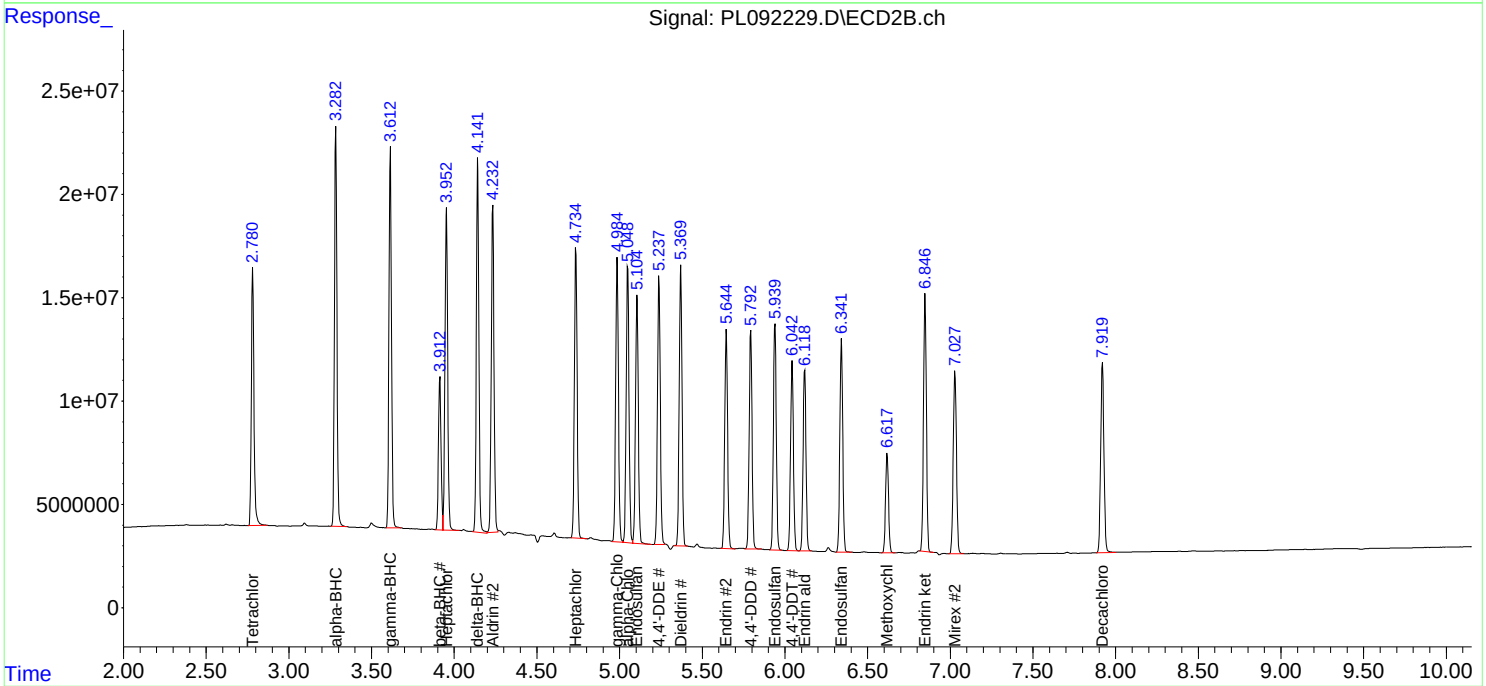
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:22:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:05

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.061	8.960	9.160	19.830	20.000	-0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	20.070	20.000	0.4
alpha-BHC	3.999	3.950	4.050	10.180	10.000	1.8
beta-BHC	4.529	4.480	4.580	10.750	10.000	7.5
gamma-BHC (Lindane)	4.332	4.280	4.380	10.100	10.000	1.0
Endrin	6.579	6.510	6.650	43.290	50.000	-13.4
4,4'-DDT	7.028	6.960	7.100	90.240	100.000	-9.8
Methoxychlor	7.504	7.430	7.570	212.390	250.000	-15.0

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL091954.D **Date Analyzed:** 09/23/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:05

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.923	7.820	8.020	19.350	20.000	-3.3
Tetrachloro-m-xylene	2.782	2.730	2.830	19.290	20.000	-3.6
alpha-BHC	3.285	3.230	3.340	9.220	10.000	-7.8
beta-BHC	3.915	3.860	3.970	10.540	10.000	5.4
gamma-BHC (Lindane)	3.616	3.570	3.670	8.880	10.000	-11.2
Endrin	5.648	5.580	5.720	46.450	50.000	-7.1
4,4'-DDT	6.047	5.980	6.120	104.950	100.000	5.0
Methoxychlor	6.621	6.550	6.690	232.550	250.000	-7.0

PEM

Data File: PL091954.D **Date Acquired** 9/23/2024 11:05

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.58	89210787.09	95624224.03	6413436.94	**6.71**
Endrin aldehyde	6.93	2005686.368			
Endrin ketone	7.65	4407750.575			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.65	121797718.1	130041289.7	8243571.59	**6.34**
Endrin aldehyde #2	6.12	3161374.393			
Endrin ketone #2	6.85	5082197.197			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.03	166145728.9	168085243.5	1939514.63	**1.15**
4,4'-DDE	0.00	0			
4,4'-DDD	6.72	1939514.634			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.05	242762784.1	244890662.1	2127877.96	**0.87**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.80	2127877.965			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1) SA	Tetrachlo...	3.544	2.782	44655553	48372105	20.073	19.287	
28) SA	Decachlor...	9.061	7.923	32491916	48400108	19.834	19.345	
	Target Compounds							
2) A	alpha-BHC	3.999	3.285	31525485	33598423	10.181	9.222	
3) MA	gamma-BHC...	4.332	3.616	31299814	31345350	10.101	8.877	
6) B	beta-BHC	4.529	3.915	14260072	15849227	10.751	10.544	
14) MA	Endrin	6.579	5.648	89210787	121.8E6	43.292	46.449	
16) A	4,4'-DDD	6.715	5.798	1939515	2127878	1.080	0.996	
17) MA	4,4'-DDT	7.028	6.047	166.1E6	242.8E6	90.238	104.948	
18) B	Endrin al...	6.928	6.122	2005686	3161374	1.151	1.549	#
20) A	Methoxychlor	7.504	6.621	208.5E6	290.8E6	212.393	232.546	
21) B	Endrin ke...	7.647	6.848	4407751	5082197	2.006	1.835	m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

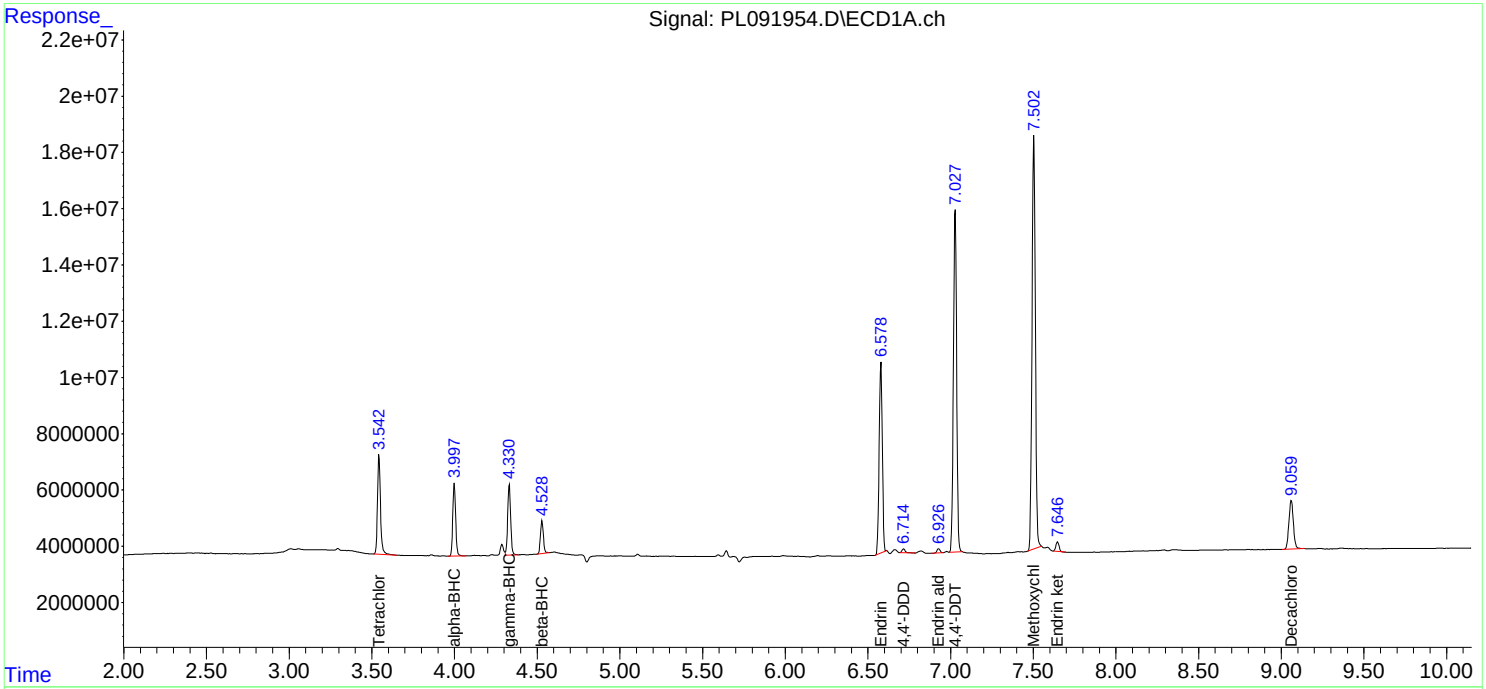
Instrument :
ECD_L
ClientSampleId :
PEM

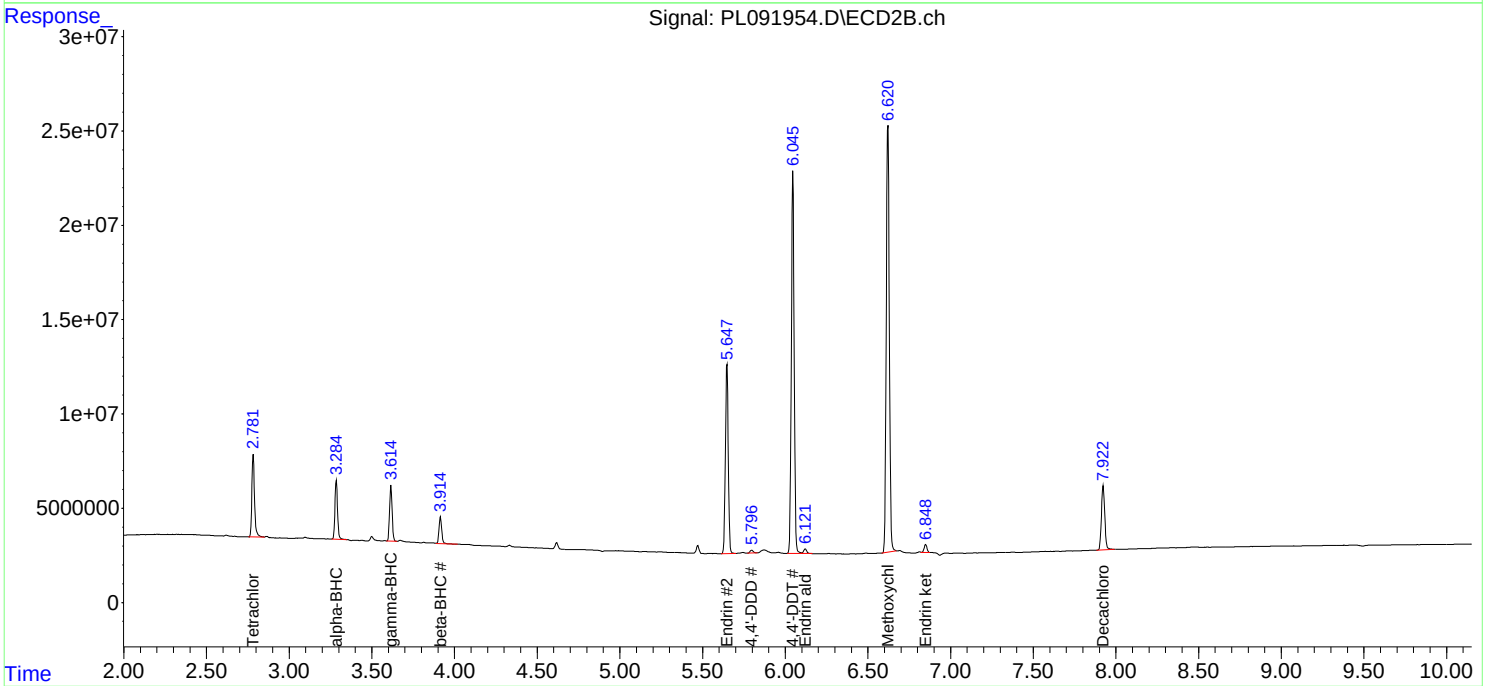
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092208.D **Date Analyzed:** 10/03/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.060	8.960	9.160	25.850	20.000	29.3
Tetrachloro-m-xylene	3.543	3.490	3.590	26.580	20.000	32.9
alpha-BHC	3.998	3.950	4.050	13.590	10.000	35.9
beta-BHC	4.528	4.480	4.580	13.970	10.000	39.7
gamma-BHC (Lindane)	4.331	4.280	4.380	12.920	10.000	29.2
Endrin	6.578	6.510	6.650	51.850	50.000	3.7
4,4'-DDT	7.028	6.960	7.100	113.150	100.000	13.2
Methoxychlor	7.504	7.430	7.570	272.260	250.000	8.9

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2024 09/23/2024

Client Sample No. (PEM): PEM - PL092208.D **Date Analyzed:** 10/03/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.921	7.820	8.020	24.580	20.000	22.9
Tetrachloro-m-xylene	2.781	2.730	2.830	26.260	20.000	31.3
alpha-BHC	3.284	3.230	3.330	12.610	10.000	26.1
beta-BHC	3.913	3.860	3.960	14.020	10.000	40.2
gamma-BHC (Lindane)	3.614	3.560	3.660	12.210	10.000	22.1
Endrin	5.646	5.580	5.720	59.890	50.000	19.8
4,4'-DDT	6.044	5.970	6.110	135.410	100.000	35.4
Methoxychlor	6.619	6.550	6.690	292.740	250.000	17.1

PEM

Data File Name PL092208.D

Operator AR\AJ **Date Acquired** ############

DDT BREAKDOWN

COLUMN#1

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT	8.4	208323408.3	214804183.6	6480775.313	**3.02**
4,4'-DDE	7.56	282661.841			
4,4'-DDD	8.14	6198113.472			

COLUMN#2

Name	RT	Response	Response (DDT+DDE+DDD)	Response DDE+DDD	%Break Down
4,4'-DDT #2	9.35	313221592.5	321251560.8	8029968.367	**2.50**
4,4'DDE #2	8.49	464005.116			
4,4'-DDD #2	9.03	7565963.251			

ENDRIN BREAKDOWN

COLUMN#1

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin	6.58	106854491.3	120176987.3	13322495.99	**11.09**
Endrin aldehyde	6.93	4232479.749			
Endrin ketone	7.65	9090016.245			

COLUMN#2

Name	RT	Response	Response (E+EA+EK)	Response (EA+EK)	%Break Down
Endrin #2	5.65	157047547.6	174181467.5	17133919.9	**9.84**
Endrin aldehyde #2	6.12	5190034.605			
Endrin ketone #2	6.85	11943885.3			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 13:42:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.781	59138735	65863388	26.583	26.261	
28)	SA Decachlor...	9.060	7.921	42345540	61497181	25.848	24.580	
	Target Compounds							
2)	A alpha-BHC	3.998	3.284	42068233	45937731	13.586	12.609	
3)	MA gamma-BHC...	4.331	3.614	40049233	43114768	12.924	12.210	
6)	B beta-BHC	4.528	3.913	18532000	21070561	13.972	14.018	
12)	B 4,4'-DDE	6.196	5.240	282662	464005	0.131m	0.167	#
14)	MA Endrin	6.578	5.646	106.9E6	157.0E6	51.854	59.892	
16)	A 4,4'-DDD	6.712	5.793	6198113	7565963	3.452m	3.542	
17)	MA 4,4'-DDT	7.028	6.044	208.3E6	313.2E6	113.145	135.408	
18)	B Endrin al...	6.927	6.119	4232480	5190035	2.429	2.543	
20)	A Methoxychlor	7.504	6.619	267.3E6	366.0E6	272.258	292.738	
21)	B Endrin ke...	7.647	6.847	9090016	11943885	4.136	4.314	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

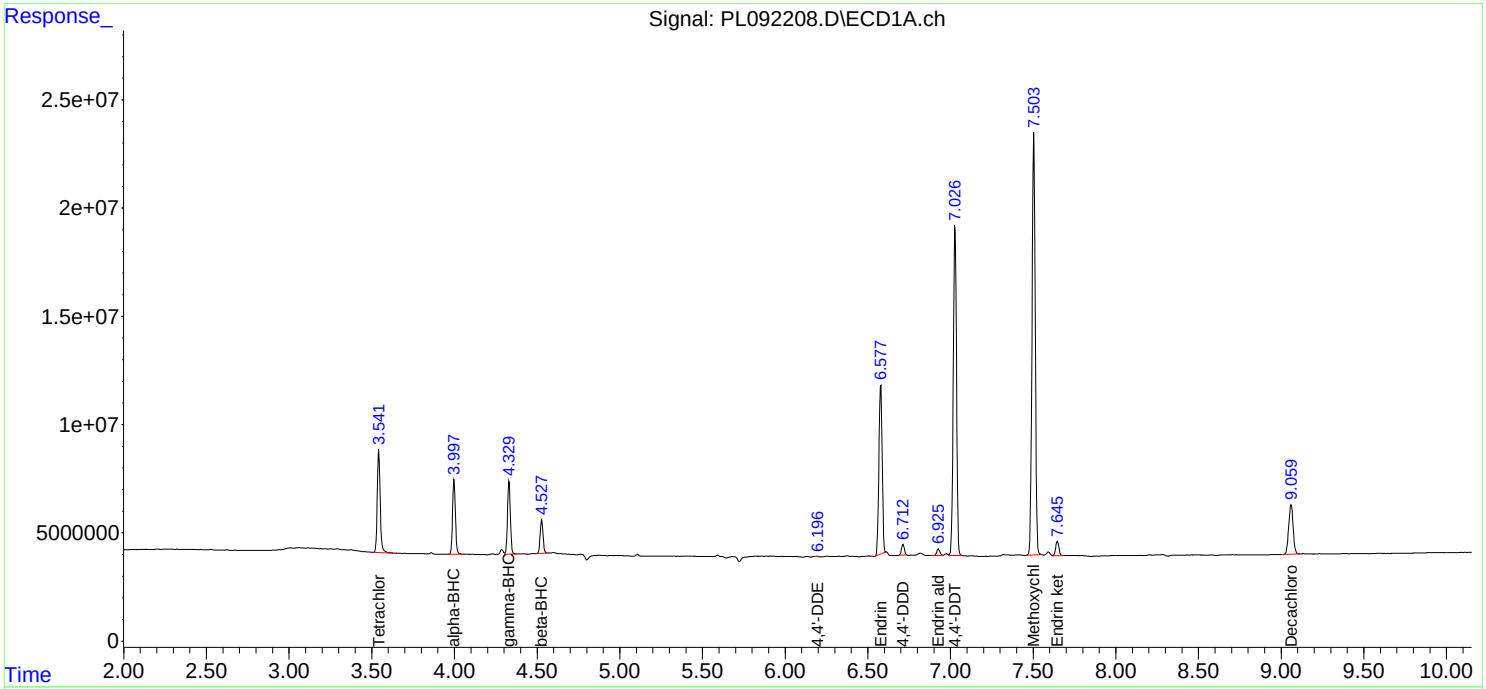
Instrument :
ECD_L
ClientSampleId :
PEM

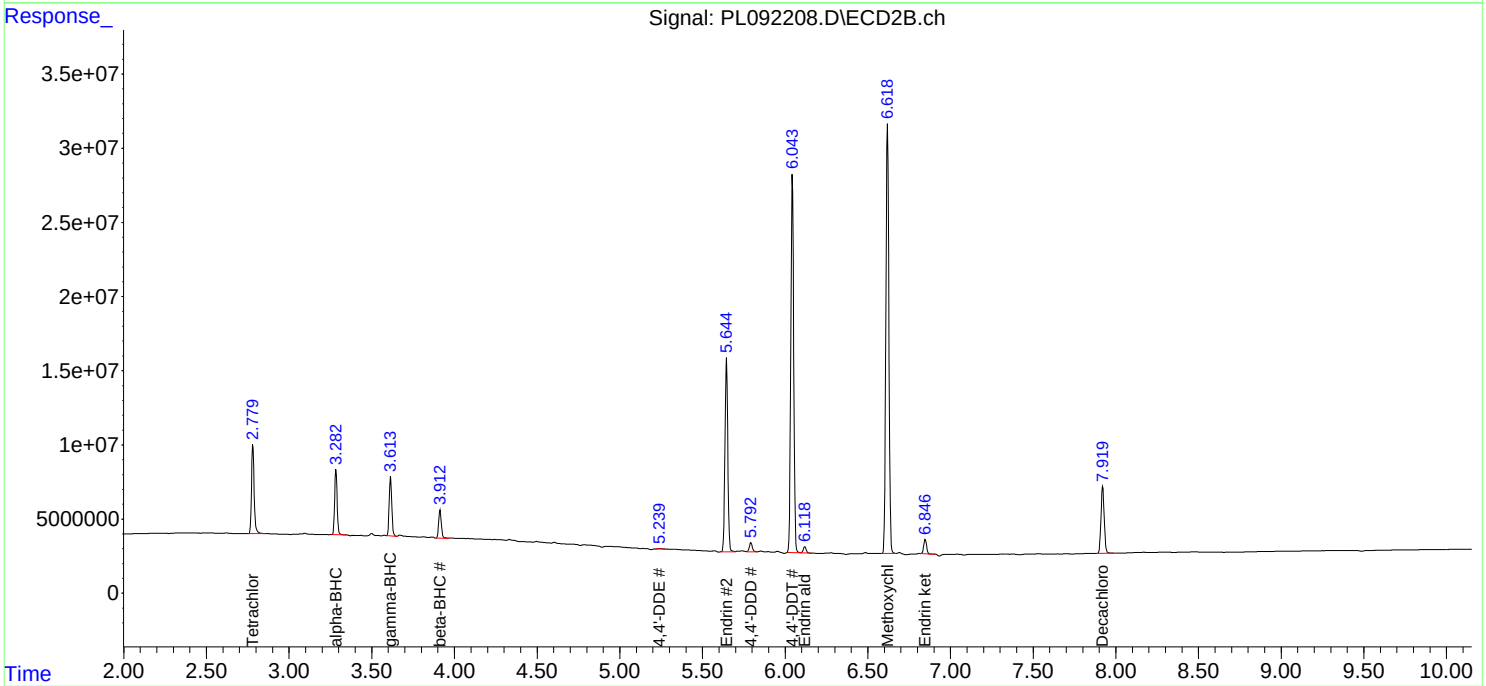
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 13:42:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091955.D
Acq On : 23 Sep 2024 11:19
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Title : GC Extractables
Last Update : Mon Sep 23 14:03:20 2024
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.944	100.00%
5.944	6.074	100.00%
6.074	6.196	100.00%
6.196	6.349	100.00%
6.349	7.162	100.00%
7.162	7.503	100.00%
7.503	7.647	100.00%
7.647	9.060	100.00%

Signal #2

2.782	4.988	100.00%
4.988	5.108	100.00%
5.108	5.241	100.00%
5.241	5.372	100.00%
5.372	6.344	100.00%
6.344	6.621	100.00%
6.621	6.850	100.00%
6.850	7.923	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:19
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.782	45060464	48406382	20.255	19.300
28) SA	Decachlor...	9.060	7.923	33098954	49691998	20.204	19.861
	Target Compounds						
9) A	Endosulfan I	6.074	5.108	24134272	25750637	10.432	9.382
10) B	gamma-Chl...	5.944	4.988	26576974	30002831	10.755	9.972
12) B	4,4'-DDE	6.196	5.241	43461118	52985590	20.080	19.067
13) MA	Dieldrin	6.349	5.372	48004708	54324325	19.683	18.529
19) B	Endosulfa...	7.162	6.344	37460879	49592805	18.898	20.556
20) A	Methoxychlor	7.503	6.621	89545919	118.8E6	91.214	95.016
21) B	Endrin ke...	7.647	6.850	43132114	52293680	19.627	18.886

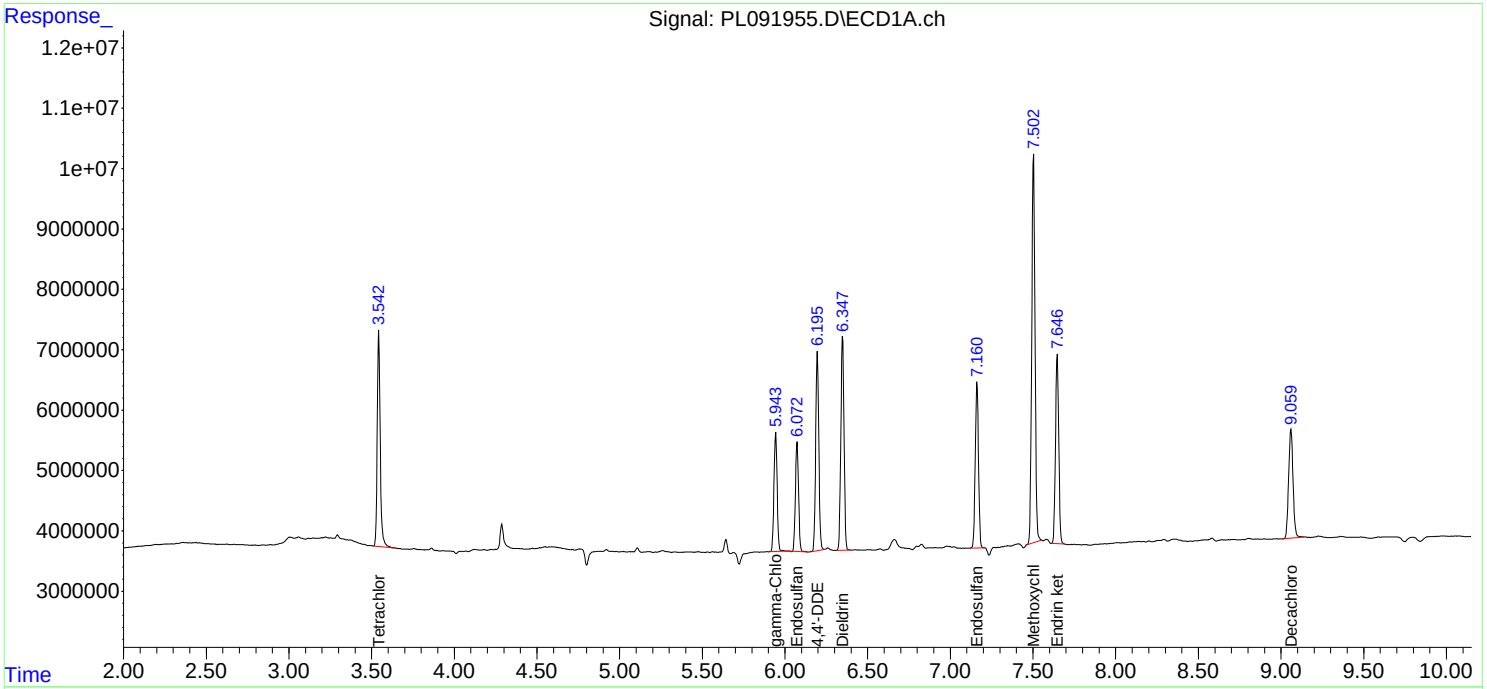
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

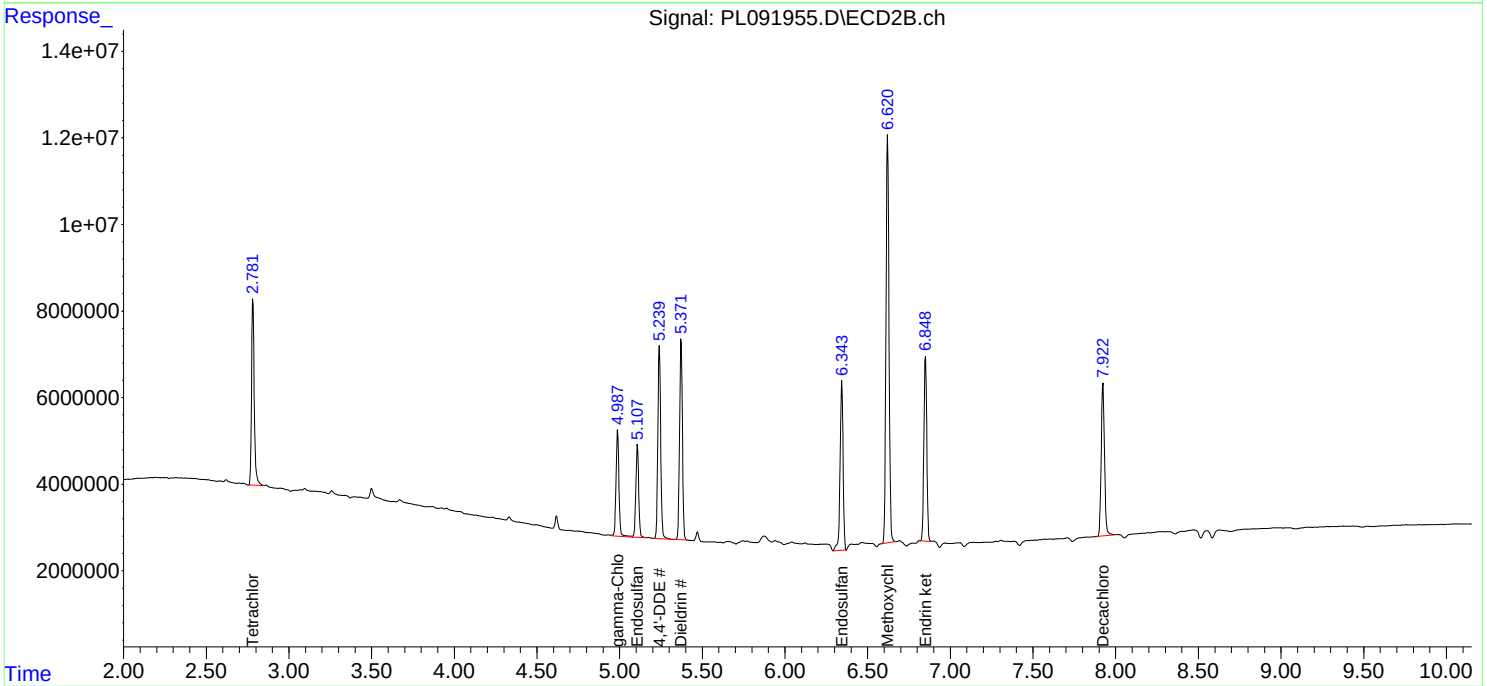
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 11:19
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:09:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Roman E&G Corp **SDG No.:** P4258

Project: Perth Amboy **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/23/2024 09/23/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/23/2024	10:52	PL091953.D	9.06	3.54
PEM	PEM	09/23/2024	11:05	PL091954.D	9.06	3.54
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	9.06	3.54
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	9.06	3.54
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	9.06	3.54
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	9.06	3.54
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	9.06	3.54
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	9.06	3.54
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	9.06	3.54
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	9.06	3.54
PEM	PEM	10/03/2024	10:37	PL092208.D	9.06	3.54
I.BLK	I.BLK	10/03/2024	14:49	PL092220.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/03/2024	15:02	PL092221.D	9.06	3.54
PB163891BL	PB163891BL	10/03/2024	17:09	PL092222.D	9.07	3.55
PB163891BS	PB163891BS	10/03/2024	17:22	PL092223.D	9.06	3.54
PB163851TB	PB163851TB	10/03/2024	17:36	PL092224.D	9.06	3.54
Chamberlain Ave	P4258-04	10/03/2024	17:49	PL092225.D	9.06	3.54
Chamberlain AveMS	P4258-04MS	10/03/2024	18:02	PL092226.D	9.06	3.54
Chamberlain AveMSD	P4258-04MSD	10/03/2024	18:16	PL092227.D	9.06	3.54
I.BLK	I.BLK	10/03/2024	18:29	PL092228.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/03/2024	18:43	PL092229.D	9.06	3.54

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Roman E&G Corp **SDG No.:** P4258

Project: Perth Amboy **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/23/2024 09/23/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/23/2024	10:52	PL091953.D	7.92	2.78
PEM	PEM	09/23/2024	11:05	PL091954.D	7.92	2.78
RESCHK	RESCHK	09/23/2024	11:19	PL091955.D	7.92	2.78
PSTDICC100	PSTDICC100	09/23/2024	11:32	PL091956.D	7.92	2.78
PSTDICC075	PSTDICC075	09/23/2024	11:45	PL091957.D	7.92	2.78
PSTDICC050	PSTDICC050	09/23/2024	11:59	PL091958.D	7.92	2.78
PSTDICC025	PSTDICC025	09/23/2024	12:12	PL091959.D	7.92	2.78
PSTDICC005	PSTDICC005	09/23/2024	12:26	PL091960.D	7.92	2.78
PCHLORICC500	PCHLORICC500	09/23/2024	13:06	PL091963.D	7.92	2.78
PTOXICC500	PTOXICC500	09/23/2024	14:13	PL091968.D	7.92	2.78
PEM	PEM	10/03/2024	10:37	PL092208.D	7.92	2.78
I.BLK	I.BLK	10/03/2024	14:49	PL092220.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/03/2024	15:02	PL092221.D	7.92	2.78
PB163891BL	PB163891BL	10/03/2024	17:09	PL092222.D	7.92	2.78
PB163891BS	PB163891BS	10/03/2024	17:22	PL092223.D	7.92	2.78
PB163851TB	PB163851TB	10/03/2024	17:36	PL092224.D	7.92	2.78
Chamberlain Ave	P4258-04	10/03/2024	17:49	PL092225.D	7.92	2.78
Chamberlain AveMS	P4258-04MS	10/03/2024	18:02	PL092226.D	7.92	2.78
Chamberlain AveMSD	P4258-04MSD	10/03/2024	18:16	PL092227.D	7.92	2.78
I.BLK	I.BLK	10/03/2024	18:29	PL092228.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/03/2024	18:43	PL092229.D	7.92	2.78

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

Chamberlain AveMS

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Lab Sample ID: P4258-04MS **Date(s) Analyzed:** 10/03/2024 10/03/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	4.50	2.2
	2	6.62	6.57	6.67	4.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	6.30	31.2
	2	3.61	3.56	3.66	4.60	
Heptachlor	1	4.92	4.87	4.97	4.50	6.5
	2	3.95	3.90	4.00	4.80	
Heptachlor epoxide	1	5.69	5.64	5.74	4.40	10.8
	2	4.74	4.69	4.79	4.90	
Endrin	1	6.58	6.53	6.63	4.30	8.9
	2	5.65	5.60	5.70	4.70	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

Chamberlain AveMSD

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Lab Sample ID: P4258-04MSD **Date(s) Analyzed:** 10/03/2024 10/03/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	4.50	2.2
	2	6.62	6.57	6.67	4.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.80	23.1
	2	3.61	3.56	3.66	4.60	
Heptachlor	1	4.92	4.87	4.97	4.50	6.5
	2	3.95	3.90	4.00	4.80	
Heptachlor epoxide	1	5.69	5.64	5.74	4.40	10.8
	2	4.74	4.69	4.79	4.90	
Endrin	1	6.58	6.53	6.63	4.30	11
	2	5.65	5.60	5.70	4.80	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB163891BS

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Lab Sample ID: PB163891BS **Date(s) Analyzed:** 10/03/2024 10/03/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	0.50	0.7
	2	6.62	6.57	6.67	0.49	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.48	9
	2	3.62	3.57	3.67	0.53	
Heptachlor	1	4.92	4.87	4.97	0.50	6.8
	2	3.95	3.90	4.00	0.53	
Heptachlor epoxide	1	5.69	5.64	5.74	0.50	8.9
	2	4.74	4.69	4.79	0.55	
Endrin	1	6.58	6.53	6.63	0.47	12.1
	2	5.65	5.60	5.70	0.53	

QC SAMPLE DATA

Raw Data: **PL092222.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB163891BL	SDG No.:	P4258
Lab Sample ID:	PB163891BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092222.D	1	10/03/24 11:50	10/03/24 17:09	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.0		43 - 140	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		77 - 126	90%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:09
Operator : AR\AJ
Sample : PB163891BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163891BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:51:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.551	2.782	39811259	42972537	17.895	17.134
28)	SA Decachlor...	9.067	7.924	31190593	44979543	19.039m	17.978
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL092222.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:09
Operator : AR\AJ
Sample : PB163891BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

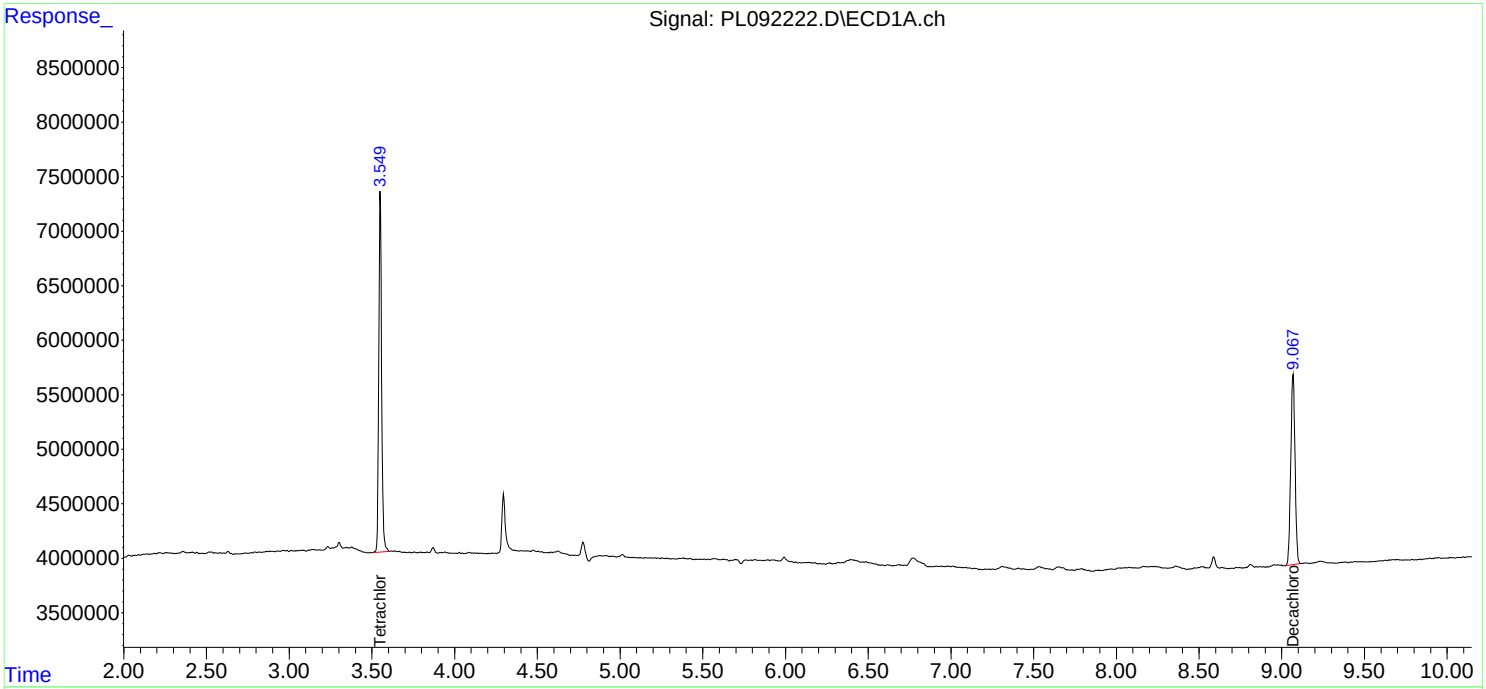
Instrument :
ECD_L
ClientSampleId :
PB163891BL

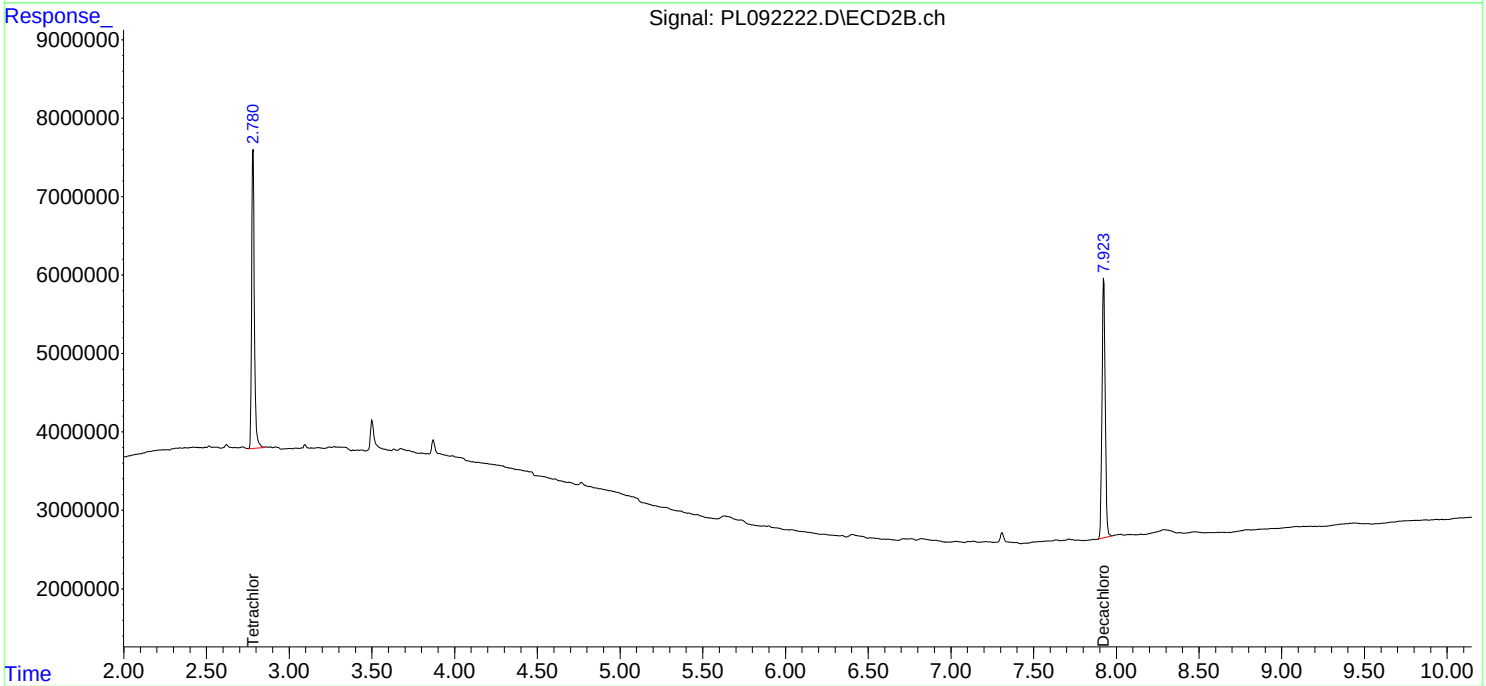
Manual Integrations APPROVED

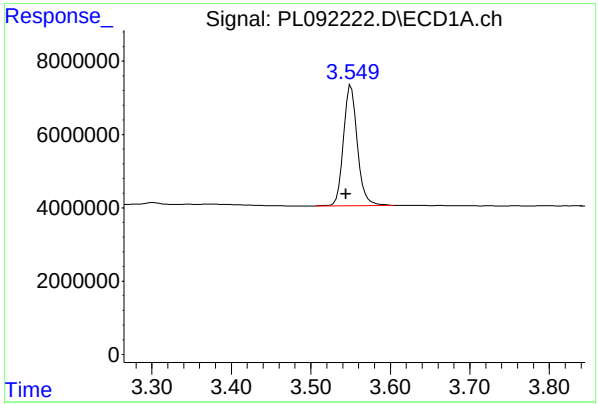
Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:51:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







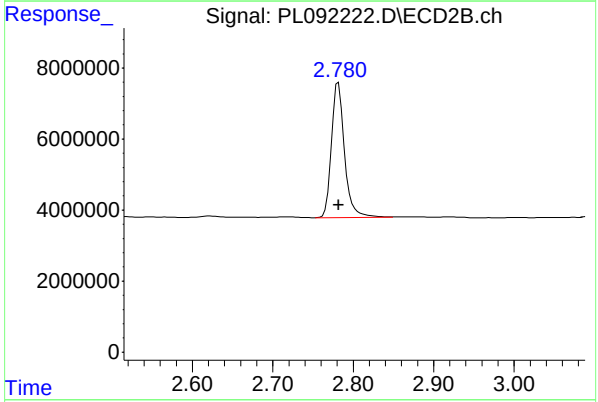
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.007 mi
Response: 39811259
Conc: 17.90 ng/m

Instrument :
ECD_L
ClientSampleId :
PB163891BL

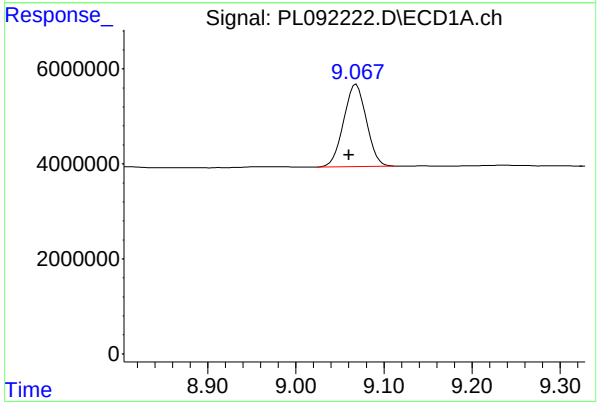
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



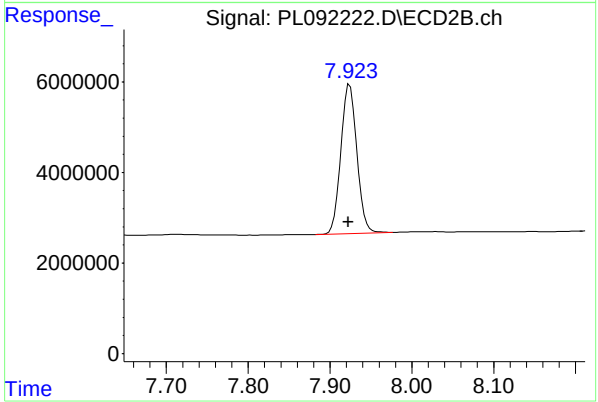
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 42972537
Conc: 17.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 31190593
Conc: 19.04 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.002 min
Response: 44979543
Conc: 17.98 ng/ml

Raw Data: **PL091953.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	09/23/24
Project:	Perth Amboy	Date Received:	09/23/24
Client Sample ID:	PIBLK-PL091953.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PL091953.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL091953.D	1		09/23/24	PL092324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.6		43 - 140	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		77 - 126	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 10:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	42236372	45921989	18.986	18.310
28)	SA Decachlor...	9.060	7.923	32124664	46897103	19.609	18.744
	Target Compounds						

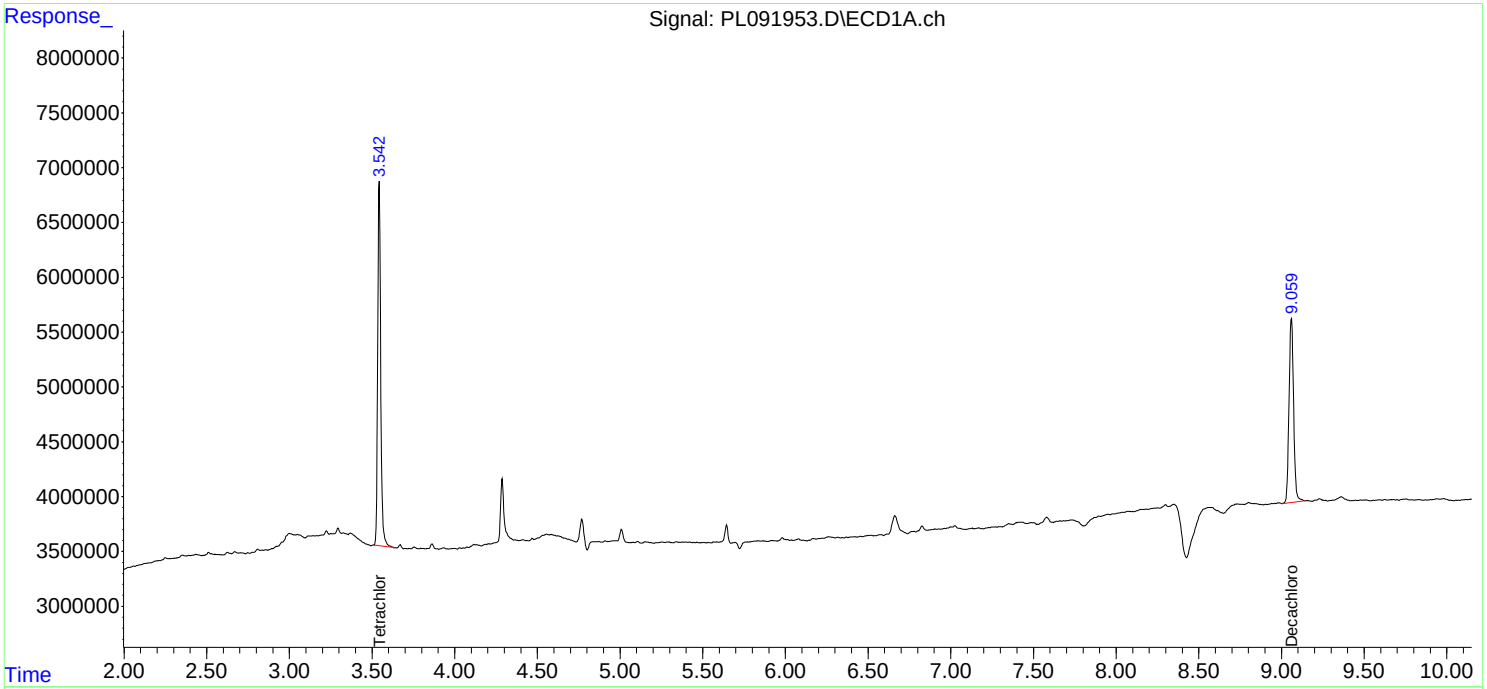
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

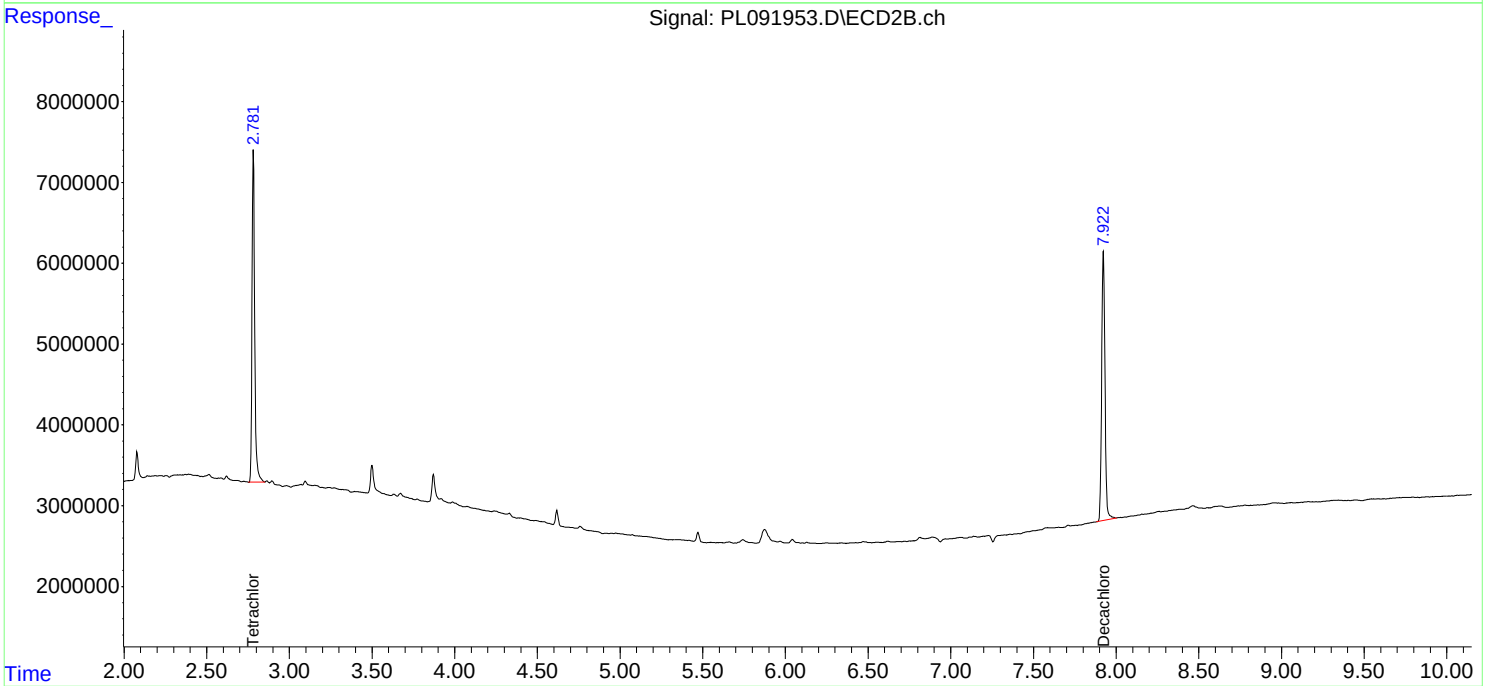
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 10:52
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

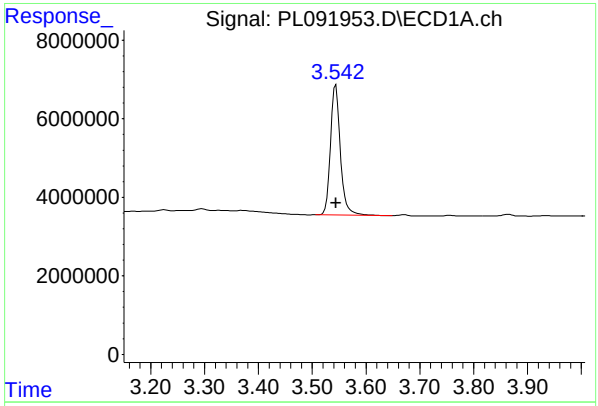
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 14:03:20 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



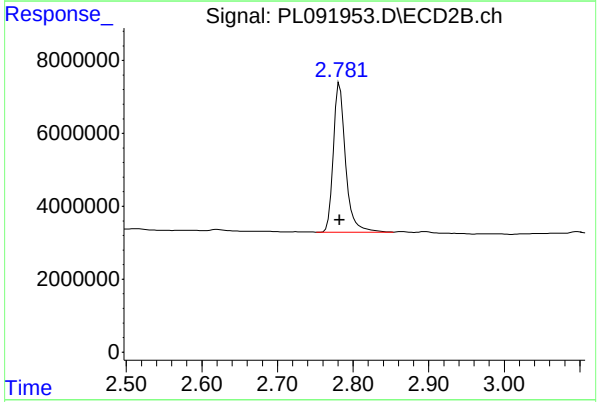




#1 Tetrachloro-m-xylene

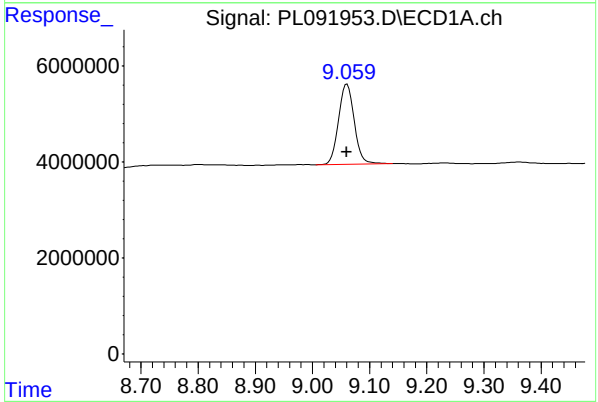
R.T.: 3.544 min
Delta R.T.: 0.000 mi
Response: 42236372
Conc: 18.99 ng/m

Instrument :
ECD_L
ClientSampleId :
I.BLK



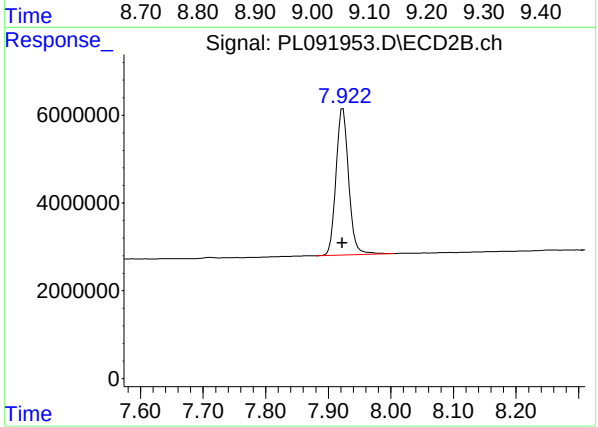
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 45921989
Conc: 18.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32124664
Conc: 19.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 46897103
Conc: 18.74 ng/ml

Raw Data: **PL092220.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/03/24
Project:	Perth Amboy	Date Received:	10/03/24
Client Sample ID:	PIBLK-PL092220.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PL092220.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092220.D	1		10/03/24	PL100524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		43 - 140	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		77 - 126	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 14:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:50:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.781	44470931	50066996	19.990	19.962
28)	SA Decachlor...	9.057	7.920	32879366	46997951	20.070	18.785
	Target Compounds						

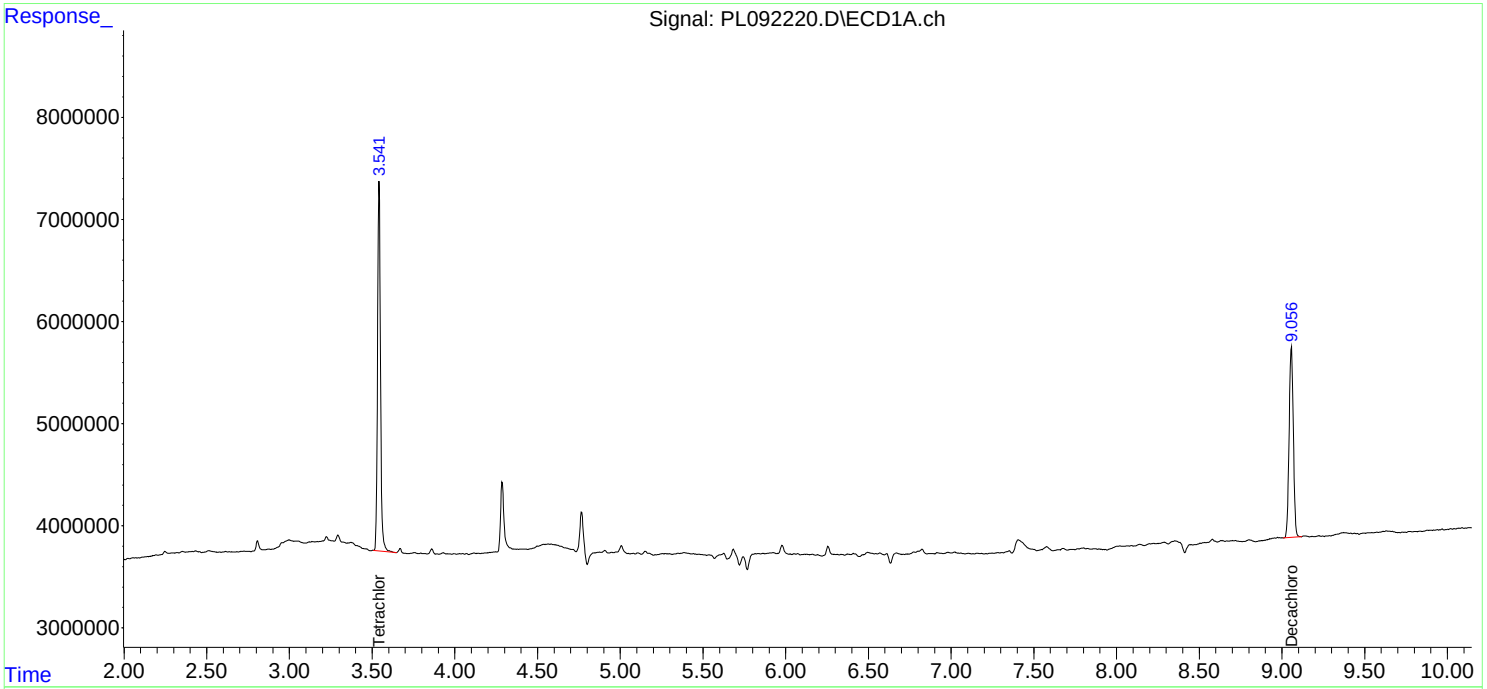
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

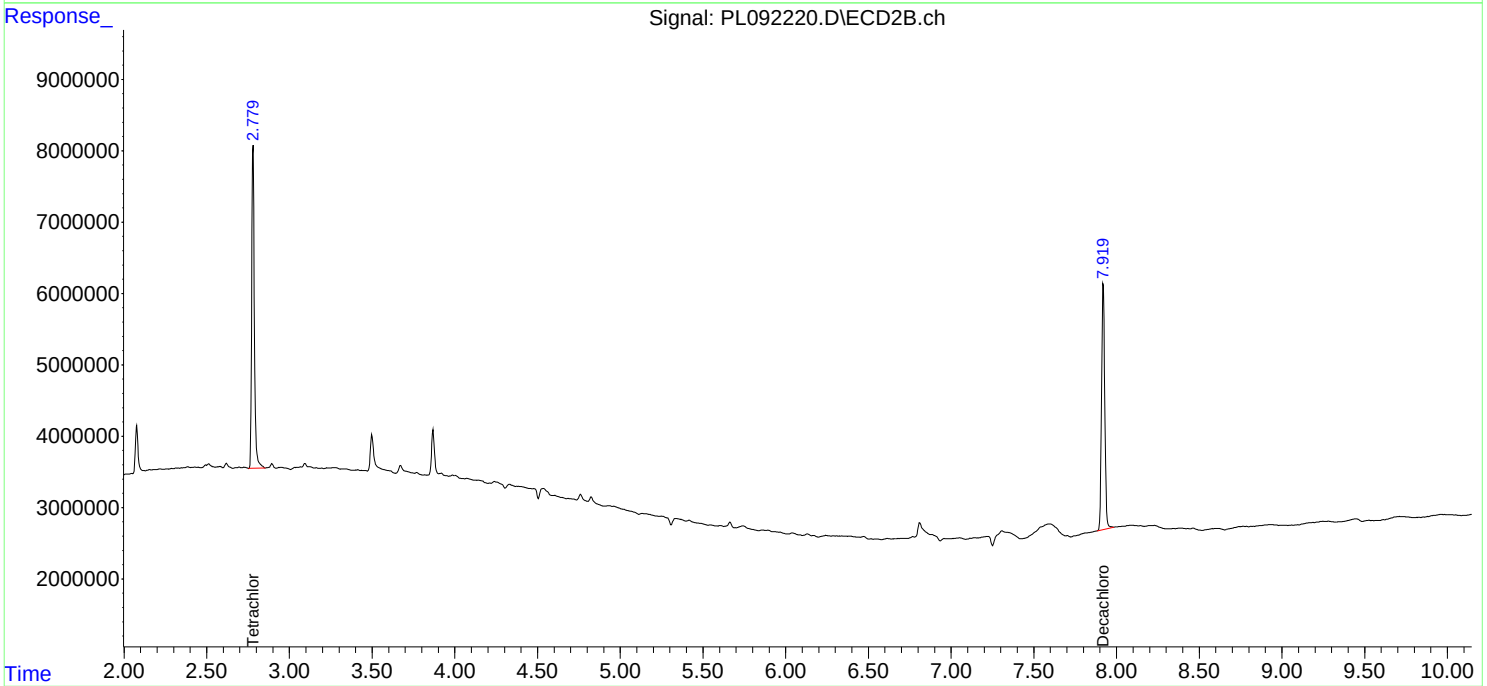
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 14:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

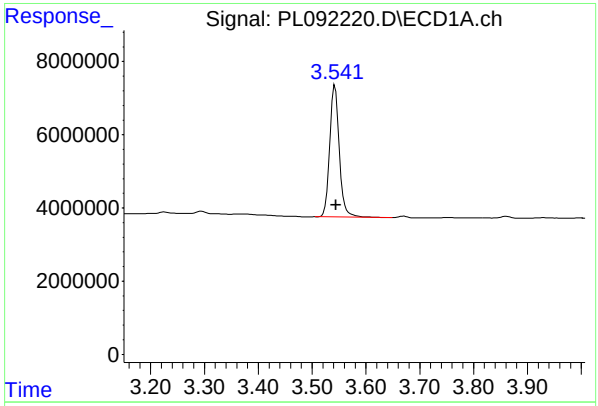
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:50:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



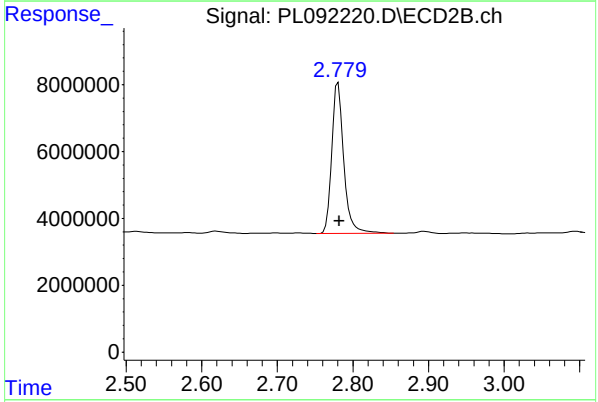




#1 Tetrachloro-m-xylene

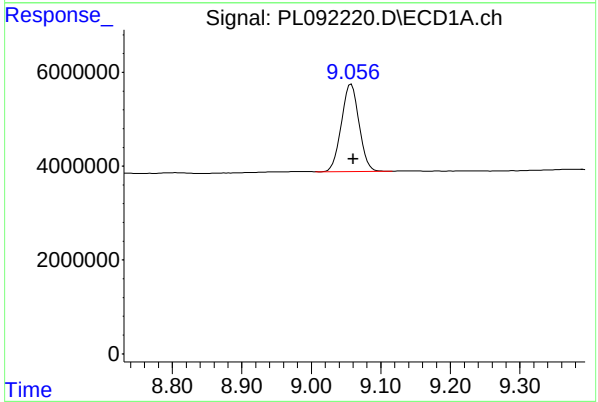
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 44470931
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



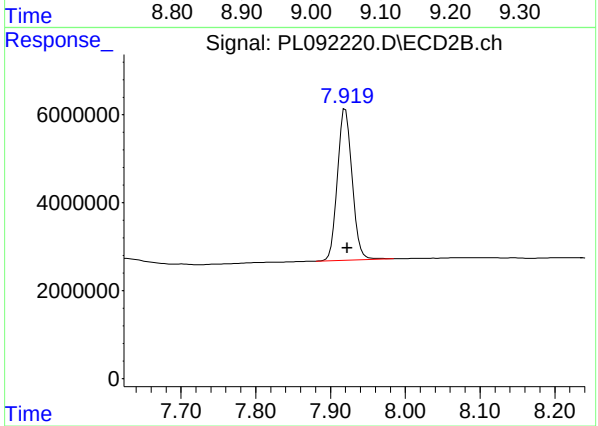
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 50066996
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 32879366
Conc: 20.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 46997951
Conc: 18.78 ng/ml

Raw Data: **PL092228.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/03/24
Project:	Perth Amboy	Date Received:	10/03/24
Client Sample ID:	PIBLK-PL092228.D	SDG No.:	P4258
Lab Sample ID:	I.BLK-PL092228.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092228.D	1		10/03/24	PL100524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		43 - 140	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		77 - 126	101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:57:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.781	44713971	50022841	20.099m	19.945
28)	SA Decachlor...	9.058	7.920	34395939	50784898	20.996	20.298
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL092228.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:29
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

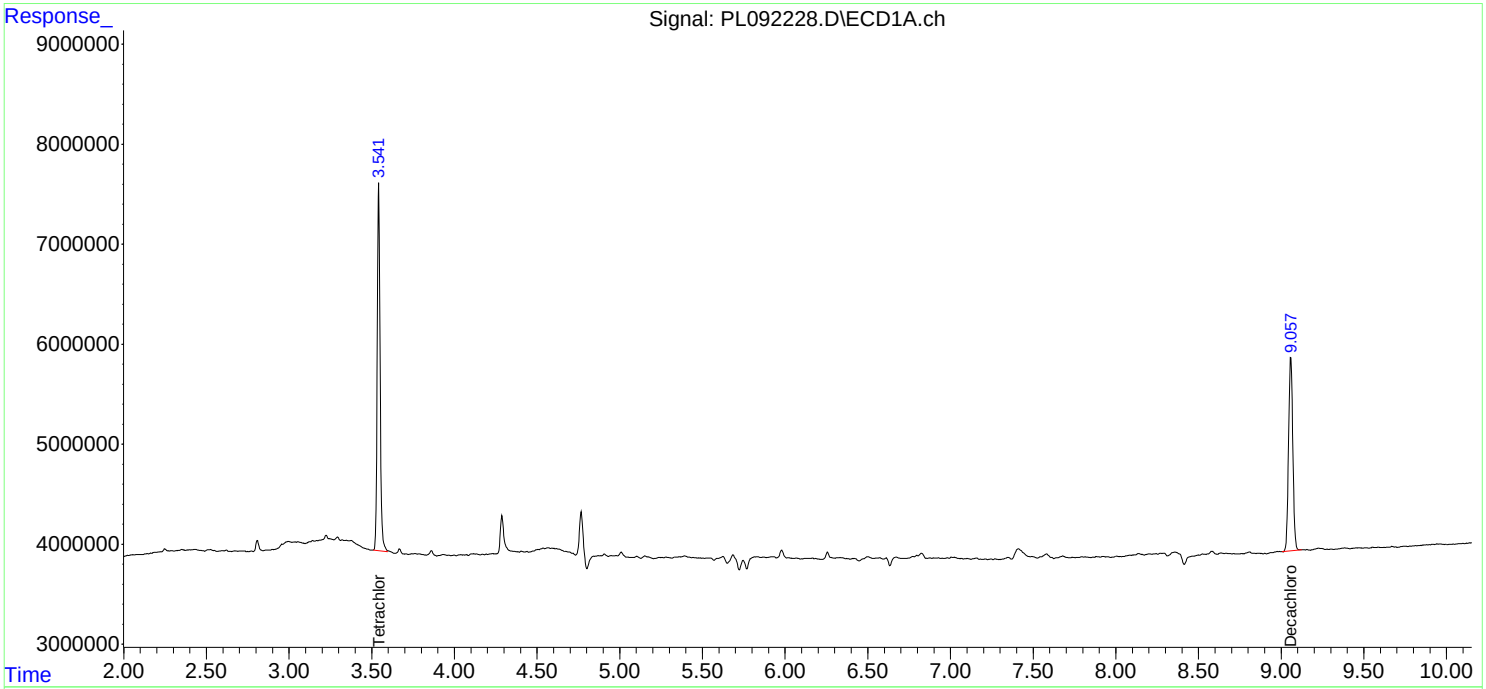
Instrument :
ECD_L
ClientSampleId :
I.BLK

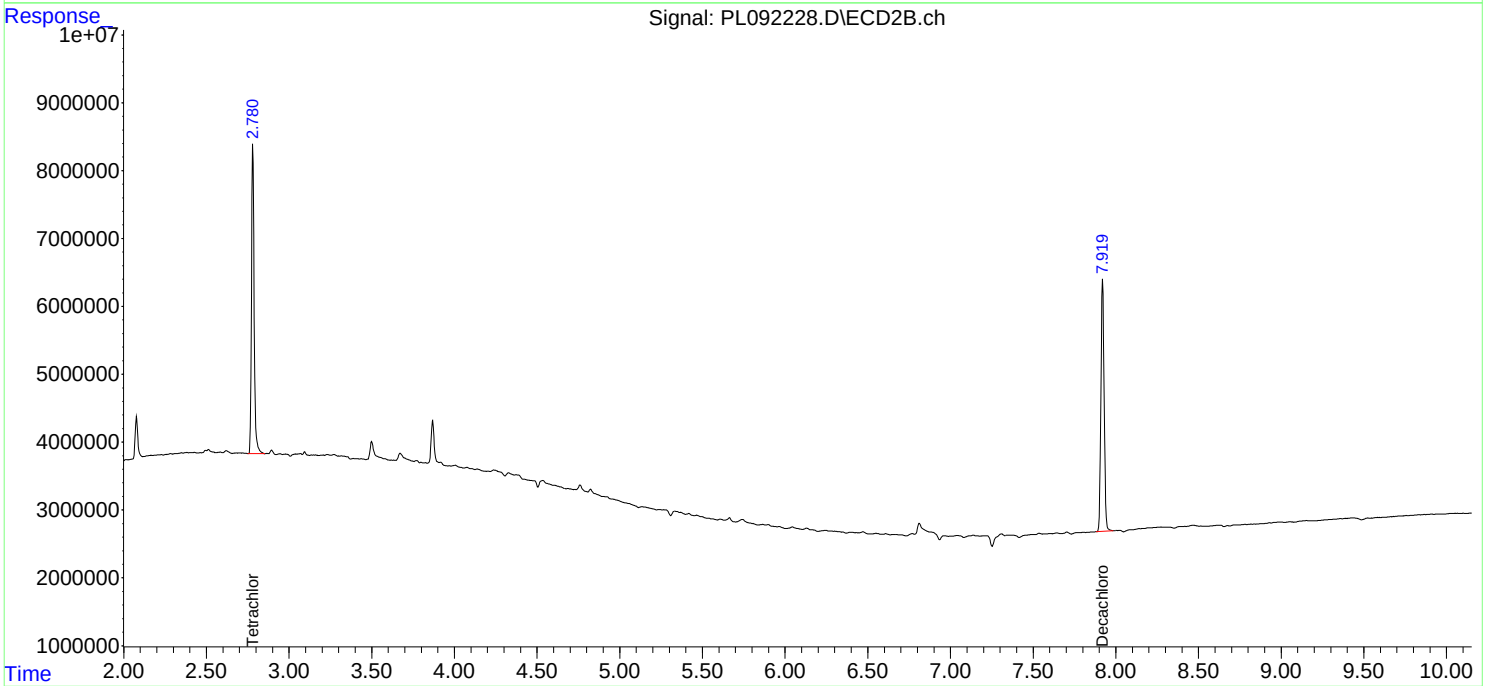
Manual Integrations APPROVED

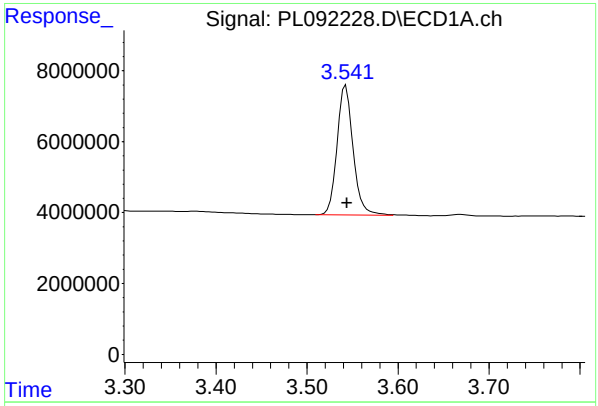
Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:57:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







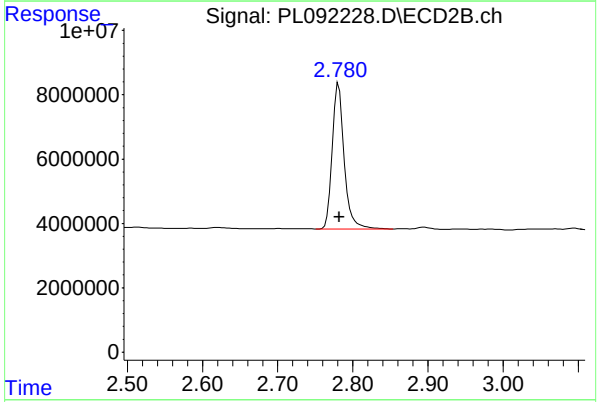
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 44713971
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

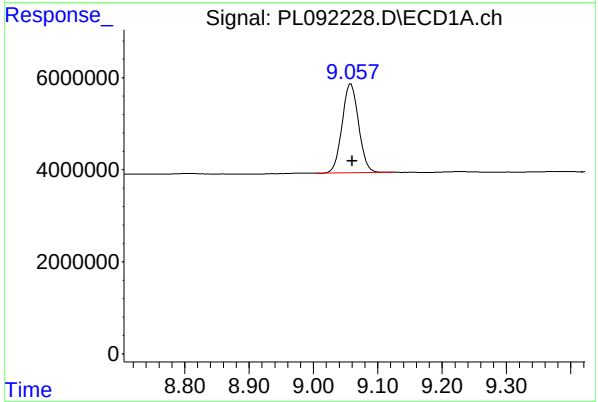
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



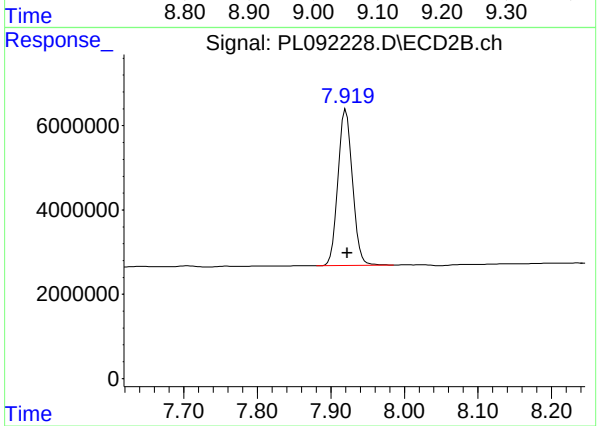
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 50022841
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 34395939
Conc: 21.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 50784898
Conc: 20.30 ng/ml

Raw Data: **PL092223.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB163891BS	SDG No.:	P4258
Lab Sample ID:	PB163891BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092223.D	1	10/03/24 11:50	10/03/24 17:22	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.53		0.0049	0.050	ug/L
76-44-8	Heptachlor	0.53		0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0090	0.050	ug/L
72-20-8	Endrin	0.53		0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.50		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.3		43 - 140	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		77 - 126	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:22
Operator : AR\AJ
Sample : PB163891BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB163891BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:52:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.782	40872556	44889540	18.372	17.898
28)	SA Decachlor...	9.060	7.921	31565412	46330137	19.268	18.518
	Target Compounds						
2)	A alpha-BHC	4.000	3.285	156.3E6	198.2E6	50.467	54.413
3)	MA gamma-BHC...	4.333	3.615	149.9E6	186.9E6	48.363	52.927
4)	MA Heptachlor	4.922	3.954	137.8E6	184.1E6	49.843	53.344
5)	MB Aldrin	5.263	4.234	131.1E6	182.8E6	47.210	53.760
6)	B beta-BHC	4.530	3.914	67427479	80957359	50.836	53.860
7)	B delta-BHC	4.777	4.143	141.8E6	187.3E6	49.167	53.944
8)	B Heptachlo...	5.688	4.737	127.2E6	165.1E6	49.975m	54.609
9)	A Endosulfan I	6.074	5.106	117.3E6	144.4E6	50.702	52.598
10)	B gamma-Chl...	5.943	4.987	122.0E6	167.1E6	49.370m	55.531
11)	B alpha-Chl...	6.024	5.050	131.3E6	163.5E6	53.294	54.602
12)	B 4,4'-DDE	6.197	5.238	108.3E6	156.0E6	50.037	56.126m
13)	MA Dieldrin	6.349	5.371	120.0E6	160.2E6	49.207	54.658
14)	MA Endrin	6.578	5.646	95912037	137.8E6	46.543m	52.533
15)	B Endosulfa...	6.798	5.941	105.6E6	137.8E6	48.002	55.076
16)	A 4,4'-DDD	6.713	5.794	93891879	126.4E6	52.287m	59.166
17)	MA 4,4'-DDT	7.028	6.045	91029347	118.7E6	49.440	51.300
18)	B Endrin al...	6.928	6.120	85421009	107.5E6	49.015	52.677
19)	B Endosulfa...	7.163	6.343	97798954	130.9E6	49.337	54.256
20)	A Methoxychlor	7.503	6.620	48946596	61885358	49.858m	49.494
21)	B Endrin ke...	7.648	6.847	112.0E6	163.2E6	50.946	58.953m
22)	Mirex	8.122	7.029	85279363	120.0E6	47.351	49.317

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:22
Operator : AR\AJ
Sample : PB163891BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

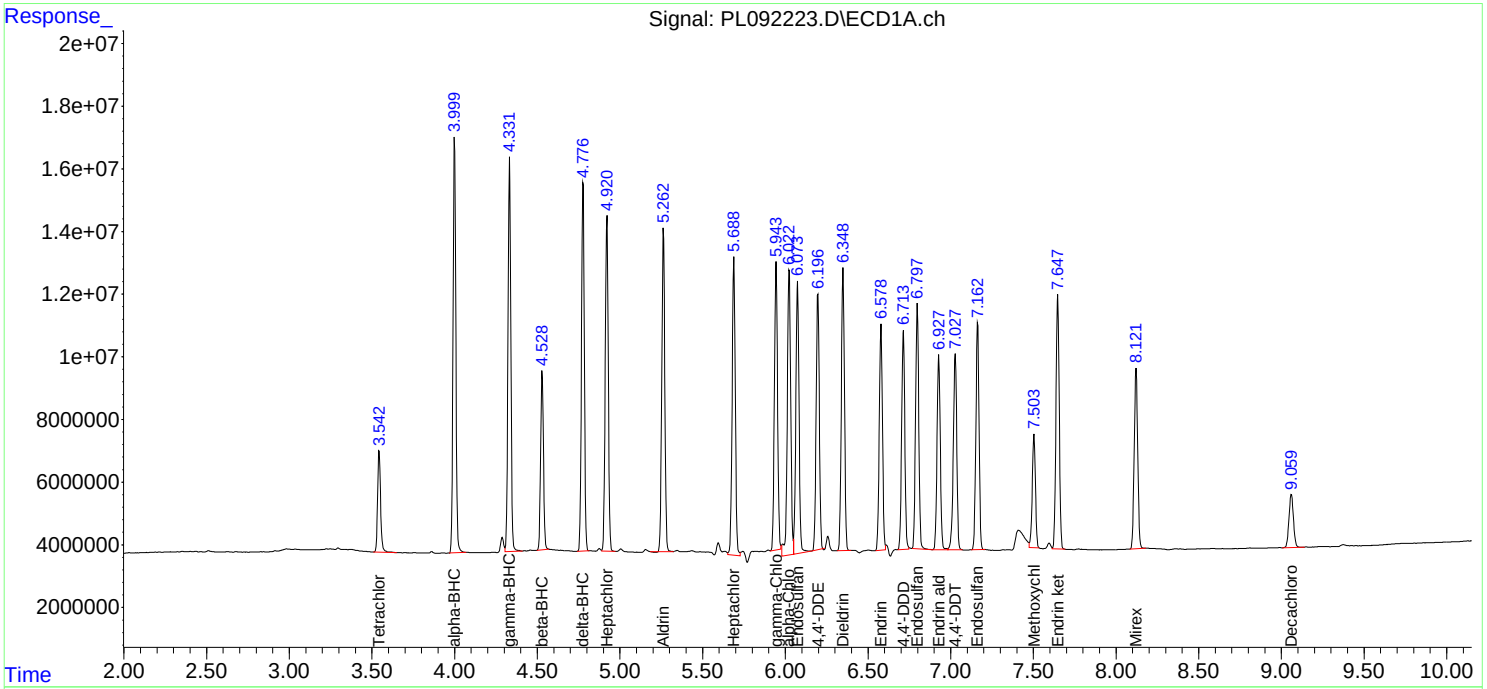
Instrument :
ECD_L
ClientSampleId :
PB163891BS

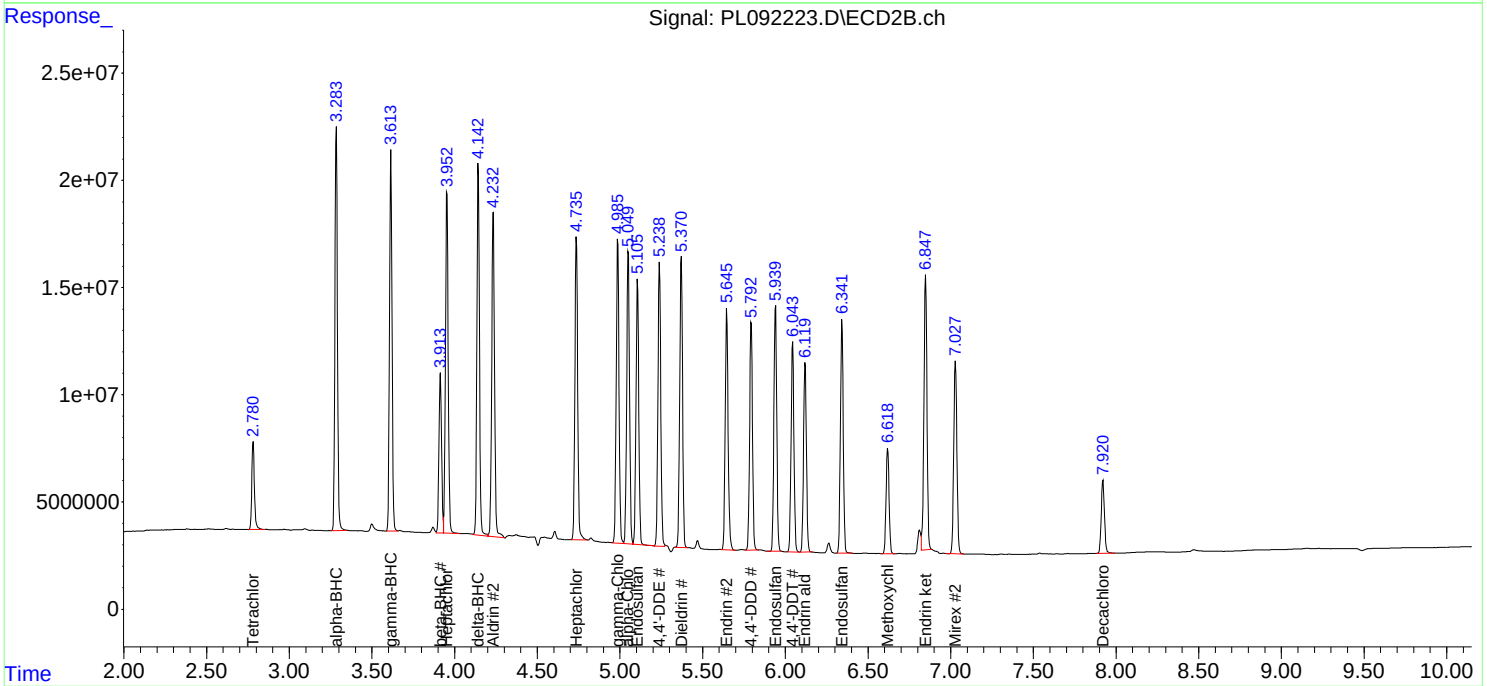
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:52:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Raw Data: **PL092226.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain AveMS	SDG No.:	P4258
Lab Sample ID:	P4258-04MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092226.D	1	10/03/24 11:50	10/03/24 18:02	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	6.30	P	0.049	0.50	ug/L
76-44-8	Heptachlor	4.80		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	4.90		0.090	0.50	ug/L
72-20-8	Endrin	4.70		0.043	0.50	ug/L
72-43-5	Methoxychlor	4.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.9		43 - 140	69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		77 - 126	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL092226.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:02
Operator : AR\AJ
Sample : P4258-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:54:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.781	36014733	41397872	16.189	16.506
28)	SA Decachlor...	9.059	7.920	22730590	33558685	13.875	13.413
	Target Compounds						
2)	A alpha-BHC	3.999	3.284	138.9E6	176.6E6	44.856	48.474
3)	MA gamma-BHC...	4.329	3.614	194.0E6	162.1E6	62.600m	45.915 #
4)	MA Heptachlor	4.920	3.954	123.5E6	166.3E6	44.669	48.194
5)	MB Aldrin	5.261	4.234	115.1E6	155.1E6	41.431	45.599
6)	B beta-BHC	4.528	3.914	61305357	74769552	46.220	49.744
7)	B delta-BHC	4.775	4.143	103.2E6	123.5E6	35.791	35.573
8)	B Heptachlo...	5.688	4.736	112.3E6	148.4E6	44.134	49.097
9)	A Endosulfan I	6.073	5.106	103.2E6	136.0E6	44.617	49.545
10)	B gamma-Chl...	5.943	4.986	112.8E6	149.5E6	45.656	49.691
11)	B alpha-Chl...	6.022	5.050	110.4E6	147.2E6	44.797	49.181
12)	B 4,4'-DDE	6.195	5.239	97192881	137.7E6	44.905	49.545
13)	MA Dieldrin	6.348	5.371	109.1E6	145.3E6	44.719	49.562
14)	MA Endrin	6.577	5.646	88318277	124.5E6	42.858m	47.466
15)	B Endosulfa...	6.797	5.941	96456788	124.9E6	43.849	49.904
16)	A 4,4'-DDD	6.712	5.793	83194540	111.9E6	46.329m	52.389
17)	MA 4,4'-DDT	7.027	6.044	82307199	106.8E6	44.703	46.167
18)	B Endrin al...	6.927	6.120	76165836	96362317	43.704	47.220
19)	B Endosulfa...	7.162	6.342	85710093	113.4E6	43.238	46.988
20)	A Methoxychlor	7.502	6.619	43817751	56908126	44.634	45.514
21)	B Endrin ke...	7.646	6.848	102.9E6	138.5E6	46.817	50.024
22)	Mirex	8.120	7.029	74142221	104.0E6	41.167	42.771

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL092226.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:02
Operator : AR\AJ
Sample : P4258-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

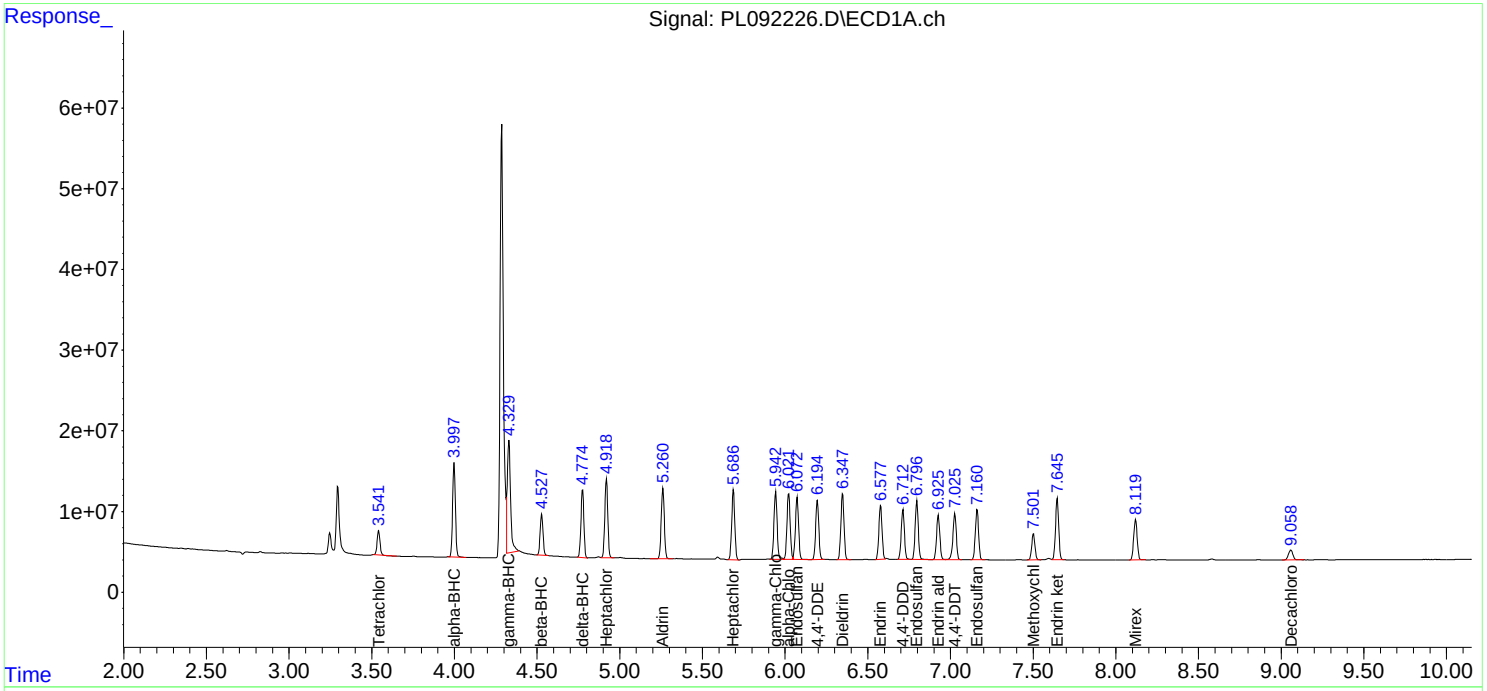
Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMS

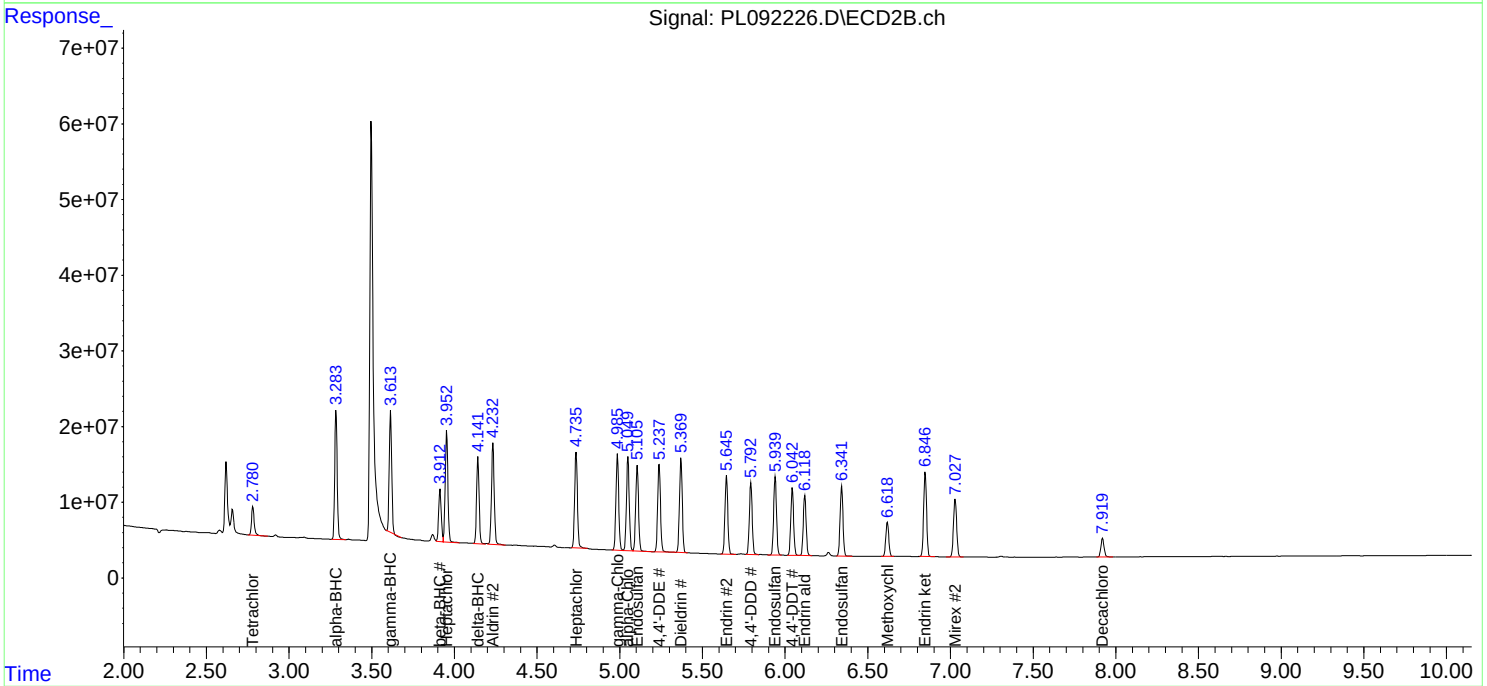
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:54:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Raw Data: **PL092227.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain AveMSD	SDG No.:	P4258
Lab Sample ID:	P4258-04MSD	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092227.D	1	10/03/24 11:50	10/03/24 18:16	PB163891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.80		0.049	0.50	ug/L
76-44-8	Heptachlor	4.80		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	4.90		0.090	0.50	ug/L
72-20-8	Endrin	4.80		0.043	0.50	ug/L
72-43-5	Methoxychlor	4.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.9		43 - 140	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		77 - 126	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PL092227.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:16
Operator : AR\AJ
Sample : P4258-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:55:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.781	37296942	42178362	16.765	16.817
28) SA	Decachlor...	9.058	7.920	22828853	33564975	13.935	13.416
	Target Compounds						
2) A	alpha-BHC	3.999	3.284	139.5E6	175.9E6	45.047	48.273
3) MA	gamma-BHC...	4.329	3.614	179.2E6	161.0E6	57.829m	45.588
4) MA	Heptachlor	4.920	3.954	124.2E6	166.3E6	44.920	48.181
5) MB	Aldrin	5.261	4.233	115.2E6	153.2E6	41.492	45.059
6) B	beta-BHC	4.528	3.914	61143247	74243413	46.098	49.394
7) B	delta-BHC	4.775	4.143	103.0E6	122.6E6	35.694	35.314
8) B	Heptachlo...	5.688	4.736	112.5E6	147.9E6	44.220	48.923
9) A	Endosulfan I	6.073	5.106	103.4E6	135.8E6	44.676	49.466
10) B	gamma-Chl...	5.943	4.986	112.6E6	149.2E6	45.554	49.592
11) B	alpha-Chl...	6.022	5.049	110.5E6	146.9E6	44.847	49.057
12) B	4,4'-DDE	6.195	5.239	97397541	138.1E6	44.999	49.703
13) MA	Dieldrin	6.348	5.370	109.2E6	144.9E6	44.760	49.409
14) MA	Endrin	6.576	5.646	89310569	124.9E6	43.340m	47.645
15) B	Endosulfa...	6.797	5.940	97080135	124.8E6	44.133	49.854
16) A	4,4'-DDD	6.713	5.793	82957712	111.6E6	46.198	52.234
17) MA	4,4'-DDT	7.027	6.044	82861878	106.8E6	45.004	46.154
18) B	Endrin al...	6.927	6.119	76064149	96051873	43.646	47.068
19) B	Endosulfa...	7.161	6.342	85850069	113.2E6	43.309	46.923
20) A	Methoxychlor	7.502	6.619	43988409	57460689	44.808	45.956
21) B	Endrin ke...	7.646	6.847	102.6E6	138.5E6	46.695	50.004
22)	Mirex	8.120	7.028	74188401	104.1E6	41.193	42.801

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL092227.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:16
Operator : AR\AJ
Sample : P4258-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

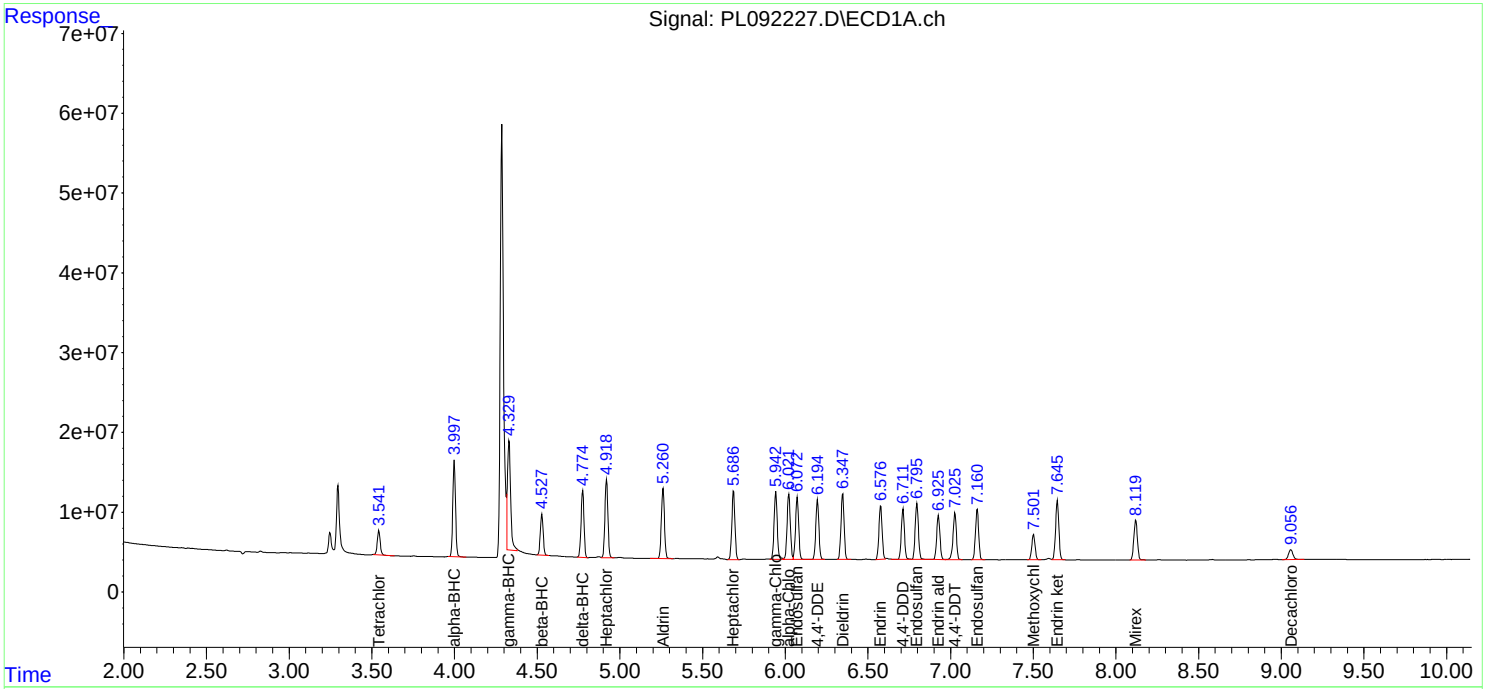
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:55:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

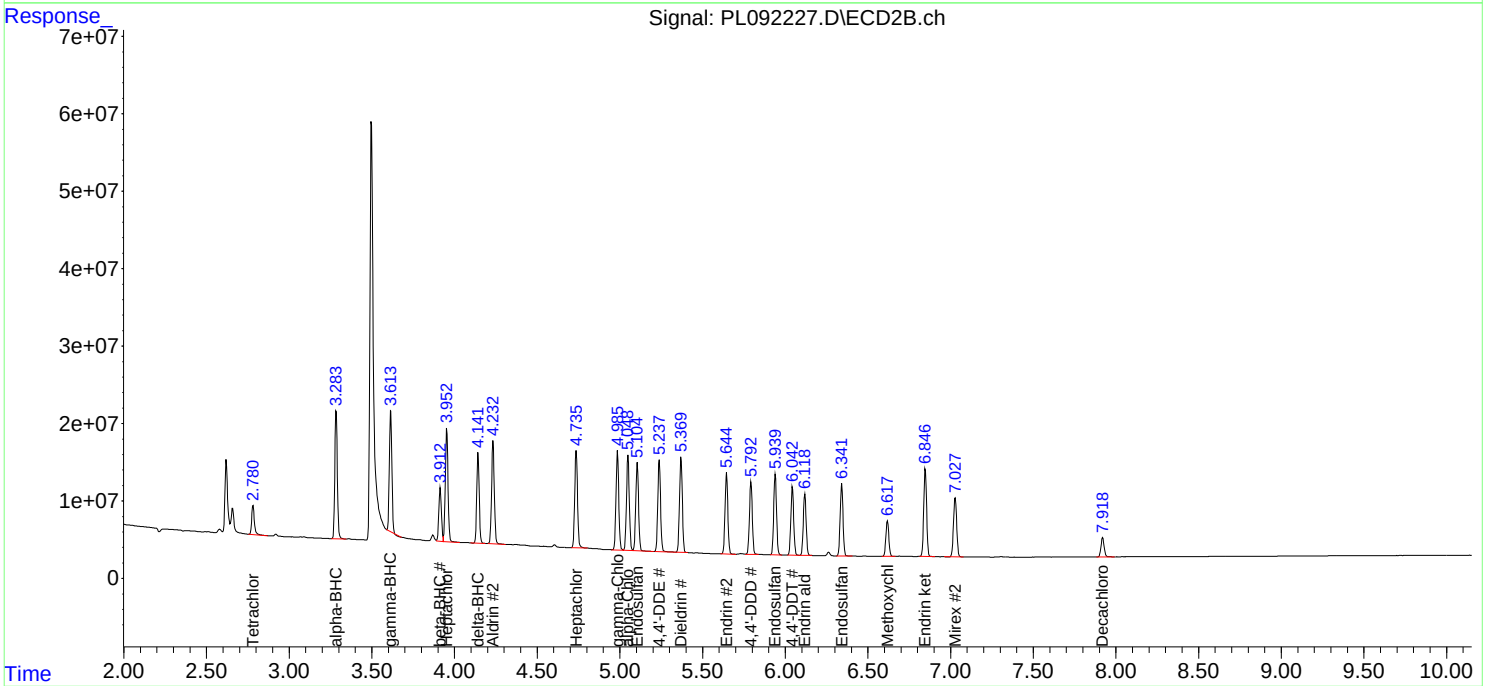
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL091954.D	Endrin ketone #2	Abdul	9/24/2024 9:17:41 AM	Ankita	9/24/2024 11:06:36	Peak Integrated by Software
PSTDICC025	PL091959.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:44 AM	Ankita	9/24/2024 11:06:38	Peak Integrated by Software
PSTDICC005	PL091960.D	delta-BHC	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Endrin ketone #2	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Heptachlor epoxide	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PSTDICC005	PL091960.D	Methoxychlor	Abdul	9/24/2024 9:17:47 AM	Ankita	9/24/2024 11:06:40	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDE	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDE #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	4,4"-DDT #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	Endrin ketone #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	gamma-BHC (Lindane)	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software
PEM	PL091975.D	Methoxychlor #2	Abdul	9/25/2024 12:23:38 PM	Ankita	9/25/2024 12:24:20	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL091976.D	4,4"-DDE #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Aldrin #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	delta-BHC #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin aldehyde	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
PSTDCCC050	PL091976.D	Endrin ketone #2	Abdul	9/24/2024 9:18:08 AM	Ankita	9/24/2024 11:06:48	Peak Integrated by Software
I.BLK	PL091988.D	Tetrachloro-m-xylene	Abdul	9/24/2024 9:23:07 AM	Ankita	9/24/2024 11:07:26	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDD	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	4,4"-DDE #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Aldrin #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	delta-BHC #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endosulfan II #2	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software
PSTDCCC050	PL091989.D	Endrin	Abdul	9/24/2024 9:23:10 AM	Ankita	9/24/2024 11:07:29	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092324	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PL100524	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092208.D	4,4"-DDD	Abdul	10/4/2024 9:11:25 AM	Ankita	10/4/2024 10:16:58	Peak Integrated by Software
PEM	PL092208.D	4,4"-DDE	Abdul	10/4/2024 9:11:25 AM	Ankita	10/4/2024 10:16:58	Peak Integrated by Software
PSTDCCC050	PL092209.D	gamma-Chlordane	Abdul	10/4/2024 9:11:27 AM	Ankita	10/4/2024 10:17:00	Peak Integrated by Software
PSTDCCC050	PL092221.D	4,4"-DDD	Abdul	10/4/2024 9:15:09 AM	Ankita	10/4/2024 10:18:07	Peak Integrated by Software
PSTDCCC050	PL092221.D	4,4"-DDE #2	Abdul	10/4/2024 9:15:09 AM	Ankita	10/4/2024 10:18:07	Peak Integrated by Software
PB163891BL	PL092222.D	Decachlorobiphenyl	Abdul	10/4/2024 9:15:12 AM	Ankita	10/4/2024 10:18:09	Peak Integrated by Software
PB163891BS	PL092223.D	4,4"-DDD	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	4,4"-DDE #2	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	Endrin	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	Endrin ketone #2	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	gamma-Chlordane	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	Heptachlor epoxide	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software
PB163891BS	PL092223.D	Methoxychlor	Abdul	10/4/2024 9:15:16 AM	Ankita	10/4/2024 10:18:12	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL100524	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4258-04	PL092225.D	Decachlorobiphenyl	Abdul	10/4/2024 9:15:24 AM	Ankita	10/4/2024 10:18:16	Peak Integrated by Software
P4258-04MS	PL092226.D	4,4"-DDD	Abdul	10/4/2024 9:15:29 AM	Ankita	10/4/2024 10:18:18	Peak Integrated by Software
P4258-04MS	PL092226.D	Endrin	Abdul	10/4/2024 9:15:29 AM	Ankita	10/4/2024 10:18:18	Peak Integrated by Software
P4258-04MS	PL092226.D	gamma-BHC (Lindane)	Abdul	10/4/2024 9:15:29 AM	Ankita	10/4/2024 10:18:18	Peak Integrated by Software
P4258-04MSD	PL092227.D	Endrin	Abdul	10/4/2024 9:15:33 AM	Ankita	10/4/2024 10:18:20	Peak Integrated by Software
P4258-04MSD	PL092227.D	gamma-BHC (Lindane)	Abdul	10/4/2024 9:15:33 AM	Ankita	10/4/2024 10:18:20	Peak Integrated by Software
I.BLK	PL092228.D	Tetrachloro-m-xylene	Abdul	10/4/2024 9:15:37 AM	Ankita	10/4/2024 10:18:21	Peak Integrated by Software
PSTDCCC050	PL092229.D	4,4"-DDD	Abdul	10/4/2024 9:15:42 AM	Ankita	10/4/2024 10:18:23	Peak Integrated by Software
PSTDCCC050	PL092229.D	4,4"-DDE #2	Abdul	10/4/2024 9:15:42 AM	Ankita	10/4/2024 10:18:23	Peak Integrated by Software
PSTDCCC050	PL092229.D	Aldrin #2	Abdul	10/4/2024 9:15:42 AM	Ankita	10/4/2024 10:18:23	Peak Integrated by Software
PSTDCCC050	PL092229.D	gamma-Chlordane	Abdul	10/4/2024 9:15:42 AM	Ankita	10/4/2024 10:18:23	Peak Integrated by Software

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL091952.D	23 Sep 2024 10:38	AR\AJ	Ok
2	I.BLK	PL091953.D	23 Sep 2024 10:52	AR\AJ	Ok
3	PEM	PL091954.D	23 Sep 2024 11:05	AR\AJ	Ok,M
4	RESCHK	PL091955.D	23 Sep 2024 11:19	AR\AJ	Ok
5	PSTDICC100	PL091956.D	23 Sep 2024 11:32	AR\AJ	Ok
6	PSTDICC075	PL091957.D	23 Sep 2024 11:45	AR\AJ	Ok
7	PSTDICC050	PL091958.D	23 Sep 2024 11:59	AR\AJ	Ok
8	PSTDICC025	PL091959.D	23 Sep 2024 12:12	AR\AJ	Ok,M
9	PSTDICC005	PL091960.D	23 Sep 2024 12:26	AR\AJ	Ok,M
10	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39	AR\AJ	Ok
11	PCHLORICC750	PL091962.D	23 Sep 2024 12:52	AR\AJ	Ok
12	PCHLORICC500	PL091963.D	23 Sep 2024 13:06	AR\AJ	Ok
13	PCHLORICC250	PL091964.D	23 Sep 2024 13:19	AR\AJ	Ok
14	PCHLORICC050	PL091965.D	23 Sep 2024 13:33	AR\AJ	Ok
15	PTOXICC1000	PL091966.D	23 Sep 2024 13:46	AR\AJ	Ok
16	PTOXICC750	PL091967.D	23 Sep 2024 13:59	AR\AJ	Ok
17	PTOXICC500	PL091968.D	23 Sep 2024 14:13	AR\AJ	Ok
18	PTOXICC250	PL091969.D	23 Sep 2024 14:26	AR\AJ	Ok
19	PTOXICC100	PL091970.D	23 Sep 2024 14:40	AR\AJ	Ok,M
20	PSTDICV050	PL091971.D	23 Sep 2024 14:53	AR\AJ	Ok
21	PCHLORICV500	PL091972.D	23 Sep 2024 15:20	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL091973.D	23 Sep 2024 15:47	AR\AJ	Ok
23	I.BLK	PL091974.D	23 Sep 2024 16:13	AR\AJ	Ok
24	PEM	PL091975.D	23 Sep 2024 16:27	AR\AJ	Ok,M
25	PSTDCCC050	PL091976.D	23 Sep 2024 16:40	AR\AJ	Ok,M
26	PB163572BL	PL091977.D	23 Sep 2024 16:54	AR\AJ	Ok
27	PB163572BS	PL091978.D	23 Sep 2024 17:07	AR\AJ	Ok,M
28	P4103-02	PL091979.D	23 Sep 2024 17:20	AR\AJ	Ok,M
29	P4103-02MS	PL091980.D	23 Sep 2024 17:34	AR\AJ	Ok,M
30	P4103-02MSD	PL091981.D	23 Sep 2024 17:47	AR\AJ	Ok,M
31	P4103-05	PL091982.D	23 Sep 2024 18:01	AR\AJ	Ok
32	P4103-08	PL091983.D	23 Sep 2024 18:14	AR\AJ	Ok,M
33	P4103-11	PL091984.D	23 Sep 2024 18:28	AR\AJ	Ok,M
34	P4103-14	PL091985.D	23 Sep 2024 18:41	AR\AJ	Ok,M
35	P4103-17	PL091986.D	23 Sep 2024 18:55	AR\AJ	Ok,M
36	PB163511TB	PL091987.D	23 Sep 2024 19:08	AR\AJ	Ok,M
37	I.BLK	PL091988.D	23 Sep 2024 19:21	AR\AJ	Ok,M
38	PSTDCCC050	PL091989.D	23 Sep 2024 19:35	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100524

Review By	Abdul	Review On	10/4/2024 9:16:27 AM		
Supervise By	Ankita	Supervise On	10/4/2024 10:18:34 AM		
SubDirectory	PL100524	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092206.D	03 Oct 2024 10:10	AR\AJ	Ok
2	I.BLK	PL092207.D	03 Oct 2024 10:24	AR\AJ	Ok
3	PEM	PL092208.D	03 Oct 2024 10:37	AR\AJ	Ok,M
4	PSTDCCC050	PL092209.D	03 Oct 2024 10:51	AR\AJ	Ok,M
5	PB163841BS	PL092210.D	03 Oct 2024 11:36	AR\AJ	Ok,M
6	PB163841BSD	PL092211.D	03 Oct 2024 11:49	AR\AJ	Ok,M
7	PB163869BL	PL092212.D	03 Oct 2024 13:01	AR\AJ	Ok
8	PB163869BS	PL092213.D	03 Oct 2024 13:15	AR\AJ	Ok,M
9	P4270-01	PL092214.D	03 Oct 2024 13:28	AR\AJ	Ok,M
10	P4270-01MS	PL092215.D	03 Oct 2024 13:42	AR\AJ	Ok,M
11	P4270-01MSD	PL092216.D	03 Oct 2024 13:55	AR\AJ	Ok,M
12	P4273-01	PL092217.D	03 Oct 2024 14:09	AR\AJ	Ok,M
13	P4276-01	PL092218.D	03 Oct 2024 14:22	AR\AJ	Ok,M
14	P4277-01	PL092219.D	03 Oct 2024 14:35	AR\AJ	Ok,M
15	I.BLK	PL092220.D	03 Oct 2024 14:49	AR\AJ	Ok
16	PSTDCCC050	PL092221.D	03 Oct 2024 15:02	AR\AJ	Ok,M
17	PB163891BL	PL092222.D	03 Oct 2024 17:09	AR\AJ	Ok,M
18	PB163891BS	PL092223.D	03 Oct 2024 17:22	AR\AJ	Ok,M
19	PB163851TB	PL092224.D	03 Oct 2024 17:36	AR\AJ	Ok
20	P4258-04	PL092225.D	03 Oct 2024 17:49	AR\AJ	Ok,M
21	P4258-04MS	PL092226.D	03 Oct 2024 18:02	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100524

Review By	Abdul	Review On	10/4/2024 9:16:27 AM		
Supervise By	Ankita	Supervise On	10/4/2024 10:18:34 AM		
SubDirectory	PL100524	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4258-04MSD	PL092227.D	03 Oct 2024 18:16	AR\AJ	Ok,M
23	I.BLK	PL092228.D	03 Oct 2024 18:29	AR\AJ	Ok,M
24	PSTDCCC050	PL092229.D	03 Oct 2024 18:43	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL091952.D	23 Sep 2024 10:38		AR\AJ	Ok
2	I.BLK	I.BLK	PL091953.D	23 Sep 2024 10:52		AR\AJ	Ok
3	PEM	PEM	PL091954.D	23 Sep 2024 11:05		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL091955.D	23 Sep 2024 11:19		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL091956.D	23 Sep 2024 11:32		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL091957.D	23 Sep 2024 11:45		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL091958.D	23 Sep 2024 11:59		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL091959.D	23 Sep 2024 12:12		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL091960.D	23 Sep 2024 12:26		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL091961.D	23 Sep 2024 12:39		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL091962.D	23 Sep 2024 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL091963.D	23 Sep 2024 13:06		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL091964.D	23 Sep 2024 13:19		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL091965.D	23 Sep 2024 13:33		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL091966.D	23 Sep 2024 13:46		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL091967.D	23 Sep 2024 13:59		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL091968.D	23 Sep 2024 14:13		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL091969.D	23 Sep 2024 14:26		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL091970.D	23 Sep 2024 14:40		AR\AJ	Ok,M
20	PSTDICV050	ICVPL092324	PL091971.D	23 Sep 2024 14:53		AR\AJ	Ok
21	PCHLORICV500	ICVPL092324CHLOR	PL091972.D	23 Sep 2024 15:20		AR\AJ	Ok
22	PTOXICV500	ICVPL092324TOX	PL091973.D	23 Sep 2024 15:47		AR\AJ	Ok
23	I.BLK	I.BLK	PL091974.D	23 Sep 2024 16:13		AR\AJ	Ok
24	PEM	PEM	PL091975.D	23 Sep 2024 16:27		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL091976.D	23 Sep 2024 16:40		AR\AJ	Ok,M
26	PB163572BL	PB163572BL	PL091977.D	23 Sep 2024 16:54		AR\AJ	Ok
27	PB163572BS	PB163572BS	PL091978.D	23 Sep 2024 17:07		AR\AJ	Ok,M
28	P4103-02	WC-22A	PL091979.D	23 Sep 2024 17:20	TCMX low 1st column	AR\AJ	Ok,M
29	P4103-02MS	WC-22AMS	PL091980.D	23 Sep 2024 17:34	TCMX low 1st column	AR\AJ	Ok,M
30	P4103-02MSD	WC-22AMSD	PL091981.D	23 Sep 2024 17:47	TCMX low 1st column	AR\AJ	Ok,M
31	P4103-05	WC-14-5-7.5A	PL091982.D	23 Sep 2024 18:01		AR\AJ	Ok
32	P4103-08	WC-14-5-7.5B	PL091983.D	23 Sep 2024 18:14		AR\AJ	Ok,M
33	P4103-11	WC-14-7.5-10A	PL091984.D	23 Sep 2024 18:28		AR\AJ	Ok,M
34	P4103-14	WC-14-7.5-10B	PL091985.D	23 Sep 2024 18:41		AR\AJ	Ok,M
35	P4103-17	WC-23	PL091986.D	23 Sep 2024 18:55		AR\AJ	Ok,M
36	PB163511TB	PB163511TB	PL091987.D	23 Sep 2024 19:08		AR\AJ	Ok,M
37	I.BLK	I.BLK	PL091988.D	23 Sep 2024 19:21		AR\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092324

Review By	Abdul	Review On	9/24/2024 9:27:05 AM		
Supervise By	Ankita	Supervise On	9/24/2024 11:07:44 AM		
SubDirectory	PL092324	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PSTDCCC050	PSTDCCC050	PL091989.D	23 Sep 2024 19:35		AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100524

Review By	Abdul	Review On	10/4/2024 9:16:27 AM		
Supervise By	Ankita	Supervise On	10/4/2024 10:18:34 AM		
SubDirectory	PL100524	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092206.D	03 Oct 2024 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PL092207.D	03 Oct 2024 10:24		AR\AJ	Ok
3	PEM	PEM	PL092208.D	03 Oct 2024 10:37		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL092209.D	03 Oct 2024 10:51		AR\AJ	Ok,M
5	PB163841BS	PB163841BS	PL092210.D	03 Oct 2024 11:36		AR\AJ	Ok,M
6	PB163841BSD	PB163841BSD	PL092211.D	03 Oct 2024 11:49		AR\AJ	Ok,M
7	PB163869BL	PB163869BL	PL092212.D	03 Oct 2024 13:01		AR\AJ	Ok
8	PB163869BS	PB163869BS	PL092213.D	03 Oct 2024 13:15		AR\AJ	Ok,M
9	P4270-01	IB-2	PL092214.D	03 Oct 2024 13:28		AR\AJ	Ok,M
10	P4270-01MS	IB-2MS	PL092215.D	03 Oct 2024 13:42		AR\AJ	Ok,M
11	P4270-01MSD	IB-2MSD	PL092216.D	03 Oct 2024 13:55		AR\AJ	Ok,M
12	P4273-01	AU-05-100224	PL092217.D	03 Oct 2024 14:09		AR\AJ	Ok,M
13	P4276-01	VNJ-208	PL092218.D	03 Oct 2024 14:22		AR\AJ	Ok,M
14	P4277-01	BU-03-10022024	PL092219.D	03 Oct 2024 14:35		AR\AJ	Ok,M
15	I.BLK	I.BLK	PL092220.D	03 Oct 2024 14:49		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PL092221.D	03 Oct 2024 15:02		AR\AJ	Ok,M
17	PB163891BL	PB163891BL	PL092222.D	03 Oct 2024 17:09		AR\AJ	Ok,M
18	PB163891BS	PB163891BS	PL092223.D	03 Oct 2024 17:22		AR\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100524

Review By	Abdul	Review On	10/4/2024 9:16:27 AM		
Supervise By	Ankita	Supervise On	10/4/2024 10:18:34 AM		
SubDirectory	PL100524	HP Acquire Method		HP Processing Method	pl092324 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB163851TB	PB163851TB	PL092224.D	03 Oct 2024 17:36		AR\AJ	Ok
20	P4258-04	Chamberlain Ave	PL092225.D	03 Oct 2024 17:49		AR\AJ	Ok,M
21	P4258-04MS	Chamberlain AveMS	PL092226.D	03 Oct 2024 18:02		AR\AJ	Ok,M
22	P4258-04MSD	Chamberlain AveMSD	PL092227.D	03 Oct 2024 18:16		AR\AJ	Ok,M
23	I.BLK	I.BLK	PL092228.D	03 Oct 2024 18:29		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PL092229.D	03 Oct 2024 18:43		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163851

SOP ID : M1311-TCLP-14

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 114771

Start Prep Date : 10/02/2024 **Time :** 17:35

End Prep Date : 10/03/2024 **Time :** 10:25

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : IZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftation and before preservation. TUMBLER T-1 checked,30 rpm. p4276-02 is used for MS-MSD Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/03/24 11:00	JP / TCLP Room	JP 10/3 IEXT
	Preparation Group	**Analysis Group** 10/4 DLS

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163851

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4242-04	TP-Q	01	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4254-04	MH-147-SLUDGE	02	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
P4258-04	Chamberlain Ave	03	100.04	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4270-04	IB-2	04	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4276-02	VNJ-208	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
PB163851TB	LEB851	06	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4242-04	TP-Q	N/A	N/A	N/A	N/A	100	N/A
P4254-04	MH-147-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
P4258-04	Chamberlain Ave	N/A	N/A	N/A	N/A	100	N/A
P4270-04	IB-2	N/A	N/A	N/A	N/A	100	N/A
P4276-02	VNJ-208	N/A	N/A	N/A	N/A	100	N/A
PB163851TB	LEB851	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB163851

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
P4242-04	TP-Q	5.02	96.5	7.6	2.0	#1	4.93
P4254-04	MH-147-SLUDGE	5.01	96.5	6.6	1.5	#1	4.93
P4258-04	Chamberlain Ave	5.03	96.5	7.6	2.0	#1	4.93
P4270-04	IB-2	5.02	96.5	8.4	3.0	#1	4.93
P4276-02	VNJ-208	5.02	96.5	9.0	4.0	#1	4.93
PB163851TB	LEB851	N/A	N/A	N/A	N/A	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp p4258 **WorkList ID :** 184036 **Department :** TCLP Extraction **Date :** 10-02-2024 09:43:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4242-04	TP-Q	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J51	10/01/2024	1311
P4254-04	MH-147-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J51	10/01/2024	1311
P4258-04	Chamberlain Ave	Solid	TCLP Extraction	Cool 4 deg C	ROMA02	H11	10/01/2024	1311
P4270-04	IB-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J51	10/02/2024	1311
P4276-02	VNJ-208	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	J53	10/02/2024	1311

Date/Time 10/02/24 16:30
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/02/24 19:00
Raw Sample Received by:
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB163891

SOP ID: M3510C,3580A-Extraction Pesticide-16

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/03/2024

Extraction Start Time : 11:50

Extraction End Date : 10/03/2024

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23638
Surrogate	1.0ML	200 PPB	PP23641
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3803
Baked Na2SO4	N/A	EP2541
Hexane	N/A	E3805
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: WATER BATH-1

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/3/24	RP (Ext. Lab)	R - Prep/PCB Lab
16:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB163891

Analytical Method: M3510C,3580A-Extraction Pesticide-16 **Concentration Date:** 10/03/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB163851TB	PB163851TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB163891BL	PBLK891	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB163891BS	PLCS891	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
P4258-04	CHAMBERLAIN AVE	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
P4258-04MS	CHAMBERLAIN AVEMS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
P4258-04MSD	CHAMBERLAIN AVEMSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6

* **Extracts relinquished on the same date as received.**

10/13/24

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB163851

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P4242-04	TP-Q	01	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4254-04	MH-147-SLUDGE	02	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
P4258-04	Chamberlain Ave	03	100.04	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4270-04	IB-2	04	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
P4276-02	VNJ-208	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
PB163851TB	LEB851	06	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1

10/03/24
11:00

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. P4258 / P4261
QUOTE NO.
COC Number 2041986

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Roman E&G
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo
PHONE: 973-482-1123 FAX: 973-482-7154

CLIENT PROJECT INFORMATION

PROJECT NAME: Perth Amboy Watermain
PROJECT NO.: 24-651 LOCATION: Perth Amboy
PROJECT MANAGER: Mark Matthiess
e-mail: engineer@romaneg.com
PHONE: 973-482-1123 FAX: 973-482-7154

CLIENT BILLING INFORMATION

BILL TO: Roman E&G PO#: 24-651
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP 07104
ATTENTION: Frank PHONE: 973-482-1123

DATA TURNAROUND INFORMATION

FAX (RUSH) 6 10/7 DAYS*
HARDCOPY (DATA PACKAGE): 6 10/7 DAYS*
EDD: 6 10/7 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT NJ-DEP-SRS

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Chamberlain Ave	S		X	10/1	11:45	1										
2.		S		X	10/1	11:45	1										
3.		S		X	10/1	11:45	1										
4.		S		X	10/1	11:45	1										
5.		S		X	10/1	11:45	1										
6.		S		X	10/1	11:45	1										
7.		S		X	10/1	11:45	1										
8.		S		X	10/1	11:45	1										
9.																	
10.																	

Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Sonny Puzzo	10/1 12:54	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 22.1 °C
Comments: If Cm # (

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other ____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

Test Group	Analyses	Matrix	Method
METALS-TAL	Mercury	Water	7470A
	TAL ICP Metals	Water	6010D
RCRA CHARACTERIS	Flash Point	Water	1010B
	pH	Water	9040C
	Reactive Cyanide	Water	9012B
	Reactive Sulfide	Water	9034
TCLP METALS	TCLP Extraction	Water	1311
	TCLP ICP Metals	Water	6010D
	TCLP Mercury	Water	7470A
GROWS Concrete	Ammonia	Solid	SM4500-NH3
	Chemical Oxygen Demar	Solid	SM5220 D
	Oil & Grease	Solid	1664A
	Paint Filter Test	Solid	9095B
	PCBs	Solid	8082A
	Percent Solids	Solid	Chemtech -SOP
	pH	Solid	9045D
	Total Solids	Solid	SM2540 B
	Total Volatile Solids	Solid	160.4
GROWS Concrete AS	ASTM Leachate/ Ammon	Solid	SM4500-NH3
	ASTM Leachate/COD	Solid	SM5220 D
	ASTM Leachate Extracti	Solid	ASTM
	ASTM Leachate/Oil & Gr	Solid	1664A
	ASTM Leachate/Total Sol	Solid	SM2540 B
GROWS Concrete-Wa	Corrosivity	Solid	9045D
	Ignitability	Solid	1030
	Reactive Cyanide	Solid	9012B
	Reactive Sulfide	Solid	9034
	TCLP Semivolatiles	Solid	8270E
	TCLP Extraction	Solid	1311
	TCLP Herbicides	Solid	8151A
	TCLP Mercury	Solid	7470A
	TCLP Metals + Cu+Ni+Zr	Solid	6010D
	TCLP Pesticides	Solid	8081B
	TCLP Volatiles	Solid	8260C
	TCLP ZHE Extraction	Solid	1311 ZHE
GROWS Soil	PCBs	Solid	8082A
	Percent Solids	Solid	Chemtech -SOP
	pH	Solid	9045D
	TCL Volatiles+10	Solid	8260D
GROWS Soil-Waste C	Corrosivity	Solid	9045D
	Ignitability	Solid	1030
	Reactive Cyanide	Solid	9012B
	Reactive Sulfide	Solid	9034
	TCLP Semivolatiles	Solid	8270E
	TCLP Extraction	Solid	1311
	TCLP Herbicides	Solid	8151A
	TCLP Mercury	Solid	7470A
	TCLP Metals + Cu+Ni+Zr	Solid	6010D
	TCLP Pesticides	Solid	8081B
	TCLP Volatiles	Solid	8260D
	TCLP ZHE Extraction	Solid	1311 ZHE

Seperate

Seperate

Grows Concrete

Grows Concrete ASTM

Grows Soil

Grows Soil - Waste Class

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Wednesday, October 2, 2024 11:07 AM
Subject: Re: Project: Perth Amboy Query

Good Morning Sonny,

I am reaching out to inform you that samples received for project were out of temperature range of -6.

It's a standard procedure to inform client, for documentation purposes.

Regards,

Kiran Saleem
Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Sonny Puzzo <spuzzo@romaneg.com>
Sent: Tuesday, October 1, 2024 3:16 PM
To: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Subject: Re: Project: Perth Amboy Query

Kiran,

Should be 24-651.

Thank you.

All the Best,

Sonny Puzzo
Project Coordinator

14 Ogden Street
Newark, NJ 07104
Office: (973) 482-1123 Ext:21
Fax: (973) 482-7154
Cell: (973) 803-6113

Veteran-Owned Business (NJ)

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Tuesday, October 1, 2024 3:15 PM
To: Sonny Puzzo <spuzzo@romaneg.com>
Subject: Re: Project: Perth Amboy Query

Also, can you please clarify the PO# under 'Client Billing Information', I can't make out what the first digit is.

Regards,

Kiran Saleem
Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Tuesday, October 1, 2024 2:35 PM
To: Sonny Puzzo <spuzzo@romaneg.com>
Subject: Re: Project: Perth Amboy Query

Thank you Sonny.

Regards,

Kiran Saleem
Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Sonny Puzzo <spuzzo@romaneg.com>
Sent: Tuesday, October 1, 2024 2:26 PM
To: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Cc: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Subject: Re: Project: Perth Amboy Query

Good Afternoon Kiran,

Roman would like the results of the test back by 10/7.

Sorry for the confusion... Thank you!

All the Best,

Sonny Puzzo
Project Coordinator

14 Ogden Street
Newark, NJ 07104
Office: (973) 482-1123 Ext:21
Fax: (973) 482-7154
Cell: (973) 803-6113
Veteran-Owned Business (NJ)

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Tuesday, October 1, 2024 2:19 PM
To: Sonny Puzzo <spuzzo@romaneg.com>
Cc: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Subject: Project: Perth Amboy Query

Hi Sonny,

I am reaching out to regarding the Turn around time (TAT) of the results, the fax required says 6 days and then 10/7 which is confusing.

If results are required on 10/7, then TAT would be 4 days. If results are required in 6 days, then you will have results on 10/9.

Please confirm ASAP. Attached COC for your review.

Thanks.

Regards,

Kiran Saleem
Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3148
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4258 ROMA02
Client Name : Roman E&G Corp
Client Contact : Mark Mattheiss
Invoice Name : Roman E&G Corp
Invoice Contact : Mark Mattheiss

Order Date : 10/1/2024 1:21:00 PM
Project Name : Perth Amboy
Receive DateTime : 10/1/2024 12:54:00 PM
Purchase Order :

Project Mgr : Kiran
Report Type : ~~Level 2~~ NJ Reduced
EDD Type : ~~Excel NJ~~ HAZ/Excel
Hard Copy Date :
Date Signoff : 10/1/2024 3:13:24 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4258-03	Chamberlain Ave	Solid	10/01/2024	11:45	VOC-TCLVOA-10	GROWS Soil	8260D		4 Bus. Days
P4258-04	Chamberlain Ave	Solid	10/01/2024	11:45	TCLP VOA	ROWS Soil-Waste Cla	8260C		4 Bus. Days

Relinguished By :
Date / Time : 10-2-24 8:03

Received By :
Date / Time : 10/02/24 8:03
Storage Area : VOA Refridgerator Room