

Cover Page

Order ID : Q2489

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q2489-01
Q2489-02
Q2489-03
Q2489-04
Q2489-05
Q2489-06
Q2489-07
Q2489-08

Client Sample Number

G4(0-6)
G4(6-12)
G3(0-6)
G3(6-12)
G2(0-6)
G2(6-12)
G1(0-6)
G1(6-12)

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: 7/11/2025

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2489

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 Custody

✓

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: KETAN PATEL

Date: 07/11/2025

LAB CHRONICLE

OrderID:	Q2489	OrderDate:	7/2/2025 11:52:00 AM
Client:	Walsh Construction Company II, LLC	Project:	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	Location:	--Select--

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2489-01	G4(0-6)	SOIL			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-02	G4(6-12)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-03	G3(0-6)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-04	G3(6-12)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-05	G2(0-6)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-06	G2(6-12)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-07	G1(0-6)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	
Q2489-08	G1(6-12)	TCLP			07/01/25			07/01/25
			TCLP Pesticide	8081B		07/10/25	07/10/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2489

Order ID: Q2489

Client: Walsh Construction Company II, LLC

Project ID: Construction of Shafts 17B-18B - PN 2

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: Q2489

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096237.D	PIBLK-PL096237.D	Decachlorobiphen	1	20	19.5	98		57	171
		Tetrachloro-m-xyl	1	20	17.9	89		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
		Tetrachloro-m-xyl	2	20	18.9	94		61	148
I.BLK-PL096302.D	PIBLK-PL096302.D	Decachlorobiphen	1	20	20.8	104		57	171
		Tetrachloro-m-xyl	1	20	19.7	98		61	148
		Decachlorobiphen	2	20	18.9	94		57	171
		Tetrachloro-m-xyl	2	20	18.6	93		61	148
PB168794BL	PB168794BL	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	18.8	94		61	148
		Decachlorobiphen	2	20	19.1	96		57	171
		Tetrachloro-m-xyl	2	20	17.7	88		61	148
PB168794BS	PB168794BS	Decachlorobiphen	1	20	20.4	102		57	171
		Tetrachloro-m-xyl	1	20	18.8	94		61	148
		Decachlorobiphen	2	20	18.9	94		57	171
		Tetrachloro-m-xyl	2	20	17.6	88		61	148
PB168728TB	PB168728TB	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	19.1	96		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	18.1	90		61	148
Q2489-01	G4(0-6)	Decachlorobiphen	1	20	20.7	103		57	171
		Tetrachloro-m-xyl	1	20	20.0	100		61	148
		Decachlorobiphen	2	20	19.2	96		57	171
		Tetrachloro-m-xyl	2	20	18.9	95		61	148
Q2489-01MS	G4(0-6)MS	Decachlorobiphen	1	20	21.6	108		57	171
		Tetrachloro-m-xyl	1	20	19.1	96		61	148
		Decachlorobiphen	2	20	19.4	97		57	171
		Tetrachloro-m-xyl	2	20	18.4	92		61	148
Q2489-01MSD	G4(0-6)MSD	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	18.5	93		61	148
		Decachlorobiphen	2	20	18.7	94		57	171
		Tetrachloro-m-xyl	2	20	17.7	88		61	148
Q2489-02	G4(6-12)	Decachlorobiphen	1	20	15.0	75		57	171
		Tetrachloro-m-xyl	1	20	18.0	90		61	148
		Decachlorobiphen	2	20	13.7	69		57	171
		Tetrachloro-m-xyl	2	20	17.5	88		61	148
Q2489-03	G3(0-6)	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.0	95		61	148
		Decachlorobiphen	2	20	19.8	99		57	171
		Tetrachloro-m-xyl	2	20	18.3	92		61	148
Q2489-04	G3(6-12)	Decachlorobiphen	1	20	16.4	82		57	171

Surrogate Summary

SDG No.: Q2489

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2489-04	G3(6-12)	Tetrachloro-m-xyl	1	20	19.8	99		61	148
		Decachlorobiphen	2	20	15.4	77		57	171
I.BLK-PL096314.D	PIBLK-PL096314.D	Tetrachloro-m-xyl	2	20	18.7	93		61	148
		Decachlorobiphen	1	20	22.4	112		57	171
		Tetrachloro-m-xyl	1	20	20.9	104		61	148
		Decachlorobiphen	2	20	20.3	101		57	171
		Tetrachloro-m-xyl	2	20	19.1	96		61	148
		Decachlorobiphen	1	20	22.9	114		57	171
Q2489-05	G2(0-6)	Tetrachloro-m-xyl	1	20	20.1	101		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	18.7	94		61	148
Q2489-06	G2(6-12)	Decachlorobiphen	1	20	16.7	83		57	171
		Tetrachloro-m-xyl	1	20	20.4	102		61	148
		Decachlorobiphen	2	20	15.5	77		57	171
		Tetrachloro-m-xyl	2	20	18.4	92		61	148
Q2489-07	G1(0-6)	Decachlorobiphen	1	20	21.1	105		57	171
		Tetrachloro-m-xyl	1	20	19.5	98		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
		Tetrachloro-m-xyl	2	20	18.0	90		61	148
Q2489-08	G1(6-12)	Decachlorobiphen	1	20	15.2	76		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	14.0	70		57	171
		Tetrachloro-m-xyl	2	20	17.8	89		61	148
I.BLK-PL096323.D	PIBLK-PL096323.D	Decachlorobiphen	1	20	22.8	114		57	171
		Tetrachloro-m-xyl	1	20	21.0	105		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	18.8	94		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2489</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Walsh Construction Company II, LLC</u>	DataFile :	<u>PL096309.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2489-01MS	Client Sample ID:		G4(0-6)MS								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100					60	152
	Heptachlor	5	0	5.30	ug/L	106					56	147
	Heptachlor epoxide	5	0	5.40	ug/L	108					77	143
	Endrin	5	0	5.50	ug/L	110					76	144
	Methoxychlor	5	0	5.10	ug/L	102					70	142
Lab Sample ID:	Q2489-01MS	Client Sample ID:		G4(0-6)MS								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.60	ug/L	92					60	152
	Heptachlor	5	0	4.50	ug/L	90					56	147
	Heptachlor epoxide	5	0	4.50	ug/L	90					77	143
	Endrin	5	0	4.00	ug/L	80					76	144
	Methoxychlor	5	0	4.30	ug/L	86					70	142

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2489</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Walsh Construction Company II, LLC</u>	DataFile :	<u>PL096310.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		
			Qual	RPD			Qual	Low	High	RPD		
Lab Sample ID:	Q2489-01MSD	Client Sample ID:		G4(0-6)MSD								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		60	152	20
	Heptachlor	5	0	5.10	ug/L	102		4		56	147	20
	Heptachlor epoxide	5	0	5.30	ug/L	106		2		77	143	20
	Endrin	5	0	5.20	ug/L	104		6		76	144	20
	Methoxychlor	5	0	4.70	ug/L	94		8		70	142	20
Lab Sample ID:	Q2489-01MSD	Client Sample ID:		G4(0-6)MSD								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.50	ug/L	90		2		60	152	20
	Heptachlor	5	0	4.40	ug/L	88		2		56	147	20
	Heptachlor epoxide	5	0	4.50	ug/L	90		0		77	143	20
	Endrin	5	0	4.40	ug/L	88		10		76	144	20
	Methoxychlor	5	0	4.30	ug/L	86		0		70	142	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2489</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Walsh Construction Company II, LLC</u>	Datafile :	<u>PL096306.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB168794BS (Column 1)	gamma-BHC (Lindane)	0.5	0.52	ug/L	104				82	129		
	Heptachlor	0.5	0.54	ug/L	108				79	127		
	Heptachlor epoxide	0.5	0.55	ug/L	109				81	124		
	Endrin	0.5	0.54	ug/L	108				81	128		
	Methoxychlor	0.5	0.51	ug/L	103				78	108		
PB168794BS (Column 2)	gamma-BHC (Lindane)	0.5	0.48	ug/L	96				82	129		
	Heptachlor	0.5	0.47	ug/L	94				79	127		
	Heptachlor epoxide	0.5	0.48	ug/L	96				81	124		
	Endrin	0.5	0.44	ug/L	89				81	128		
	Methoxychlor	0.5	0.44	ug/L	88				78	108		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168794BL

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Lab Sample ID: PB168794BL

Lab File ID: PL096305.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/10/2025

Date Analyzed (1): 07/10/2025

Date Analyzed (2): 07/10/2025

Time Analyzed (1): 14:08

Time Analyzed (2): 14:08

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

GC Column (2): ZB-MR2 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
PB168794BS	PB168794BS	PL096306.D	07/10/2025	07/10/2025
PB168728TB	PB168728TB	PL096307.D	07/10/2025	07/10/2025
G4 (0-6)	Q2489-01	PL096308.D	07/10/2025	07/10/2025
G4 (0-6)MS	Q2489-01MS	PL096309.D	07/10/2025	07/10/2025
G4 (0-6)MSD	Q2489-01MSD	PL096310.D	07/10/2025	07/10/2025
G4 (6-12)	Q2489-02	PL096311.D	07/10/2025	07/10/2025
G3 (0-6)	Q2489-03	PL096312.D	07/10/2025	07/10/2025
G3 (6-12)	Q2489-04	PL096313.D	07/10/2025	07/10/2025
G2 (0-6)	Q2489-05	PL096316.D	07/10/2025	07/10/2025
G2 (6-12)	Q2489-06	PL096317.D	07/10/2025	07/10/2025
G1 (0-6)	Q2489-07	PL096318.D	07/10/2025	07/10/2025
G1 (6-12)	Q2489-08	PL096319.D	07/10/2025	07/10/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PB168728TB	SDG No.:	Q2489
Lab Sample ID:	PB168728TB	Matrix:	TCLP
Analytical Method:	8081B	% 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
PL096307.D	1	07/10/25 08:34	07/10/25 14:58	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		61 - 148	96%	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\PL071025\
Data File : PL096307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:58
Operator : AR\AJ
Sample : PB168728TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168728TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.827	69838965	104.2E6	19.139	18.053
28)	SA Decachlor...	9.023	7.997	58008005	95150649	20.621	19.082

Target Compounds

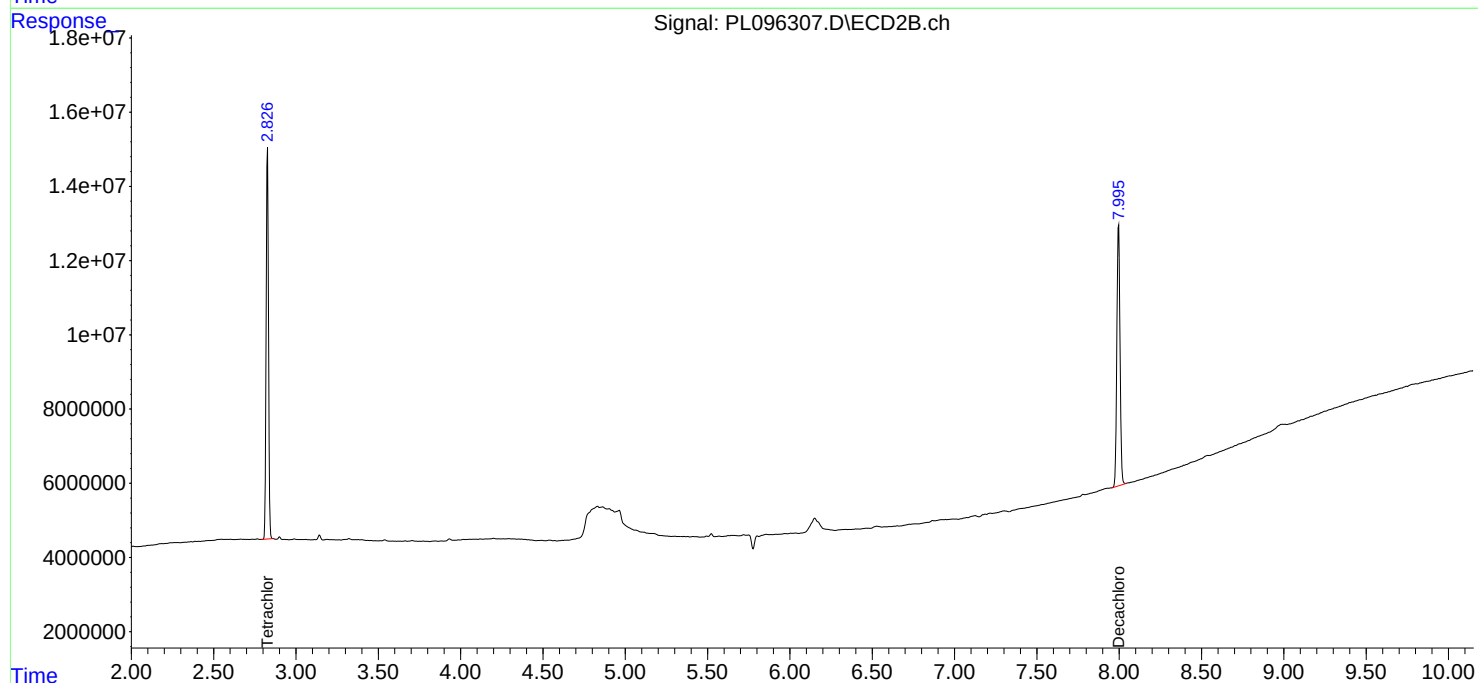
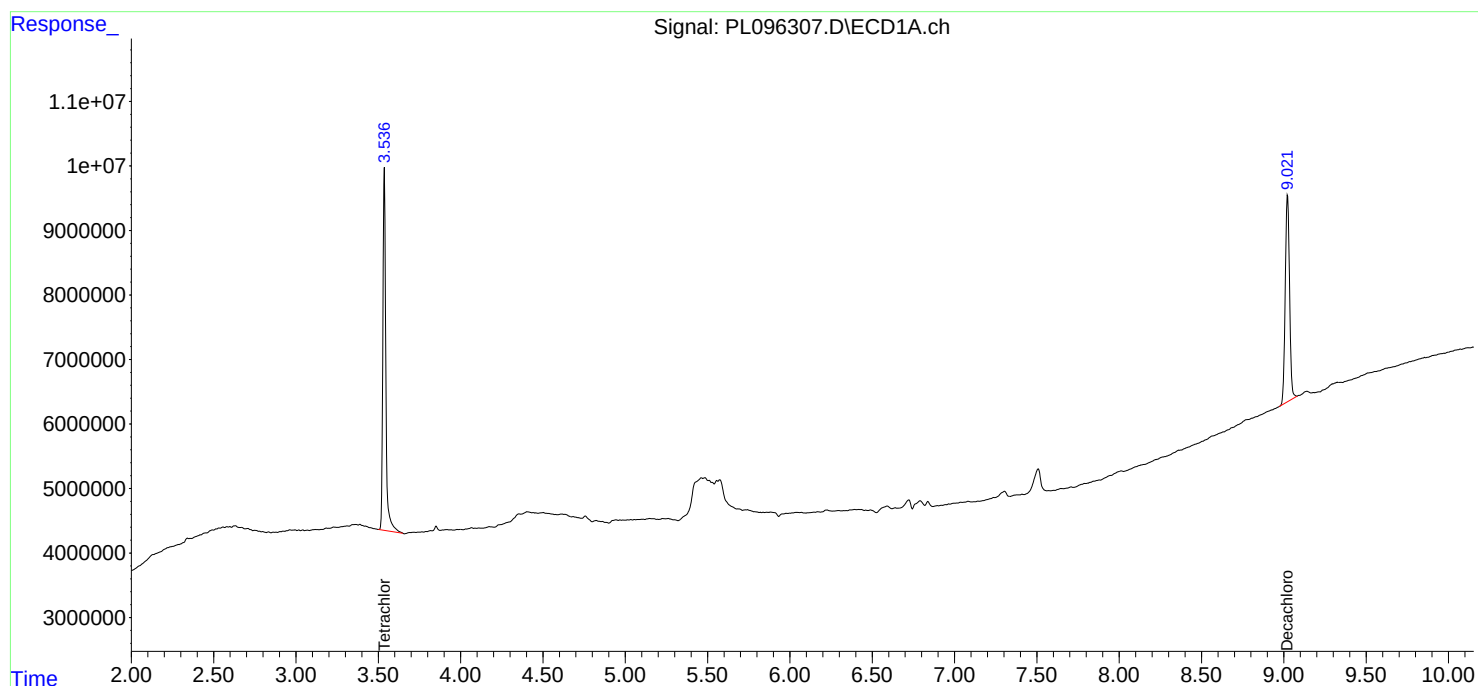
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:58
Operator : AR\AJ
Sample : PB168728TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168728TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

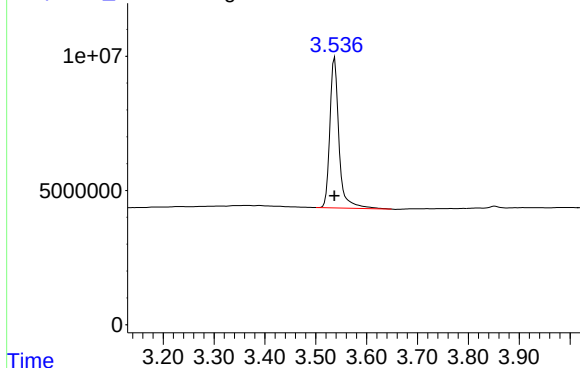


Response_ Signal: PL096307.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 69838965
Conc: 19.14 ng/ml

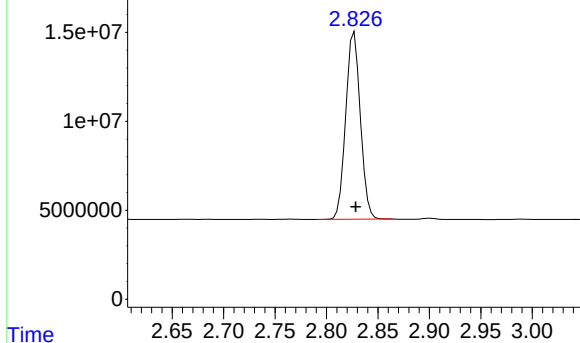
Instrument :
ECD_L
ClientSampleId :
PB168728TB



Time Response_ Signal: PL096307.D\ECD2B.ch

#1 Tetrachloro-m-xylene

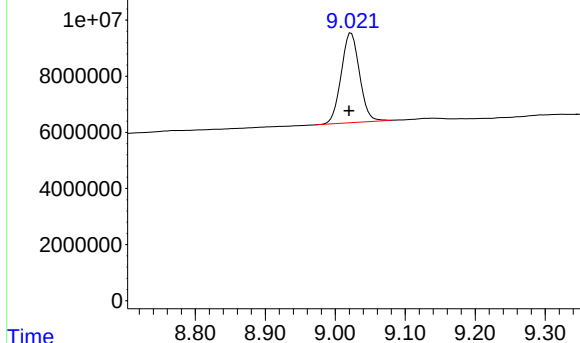
R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 104186044
Conc: 18.05 ng/ml



Time Response_ Signal: PL096307.D\ECD1A.ch

#28 Decachlorobiphenyl

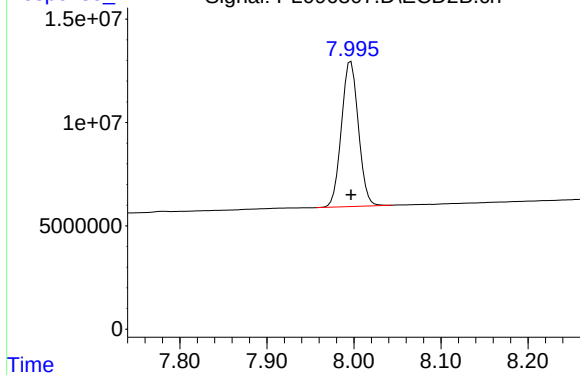
R.T.: 9.023 min
Delta R.T.: 0.003 min
Response: 58008005
Conc: 20.62 ng/ml



Time Response_ Signal: PL096307.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 95150649
Conc: 19.08 ng/ml



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-01	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096308.D	1	07/10/25 08:34	07/10/25 15:12	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.7		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		61 - 148	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\PL071025\
Data File : PL096308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:12
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	73032104	109.1E6	20.014	18.896
28)	SA Decachlor...	9.022	7.995	58174255	95844059	20.680	19.221

Target Compounds

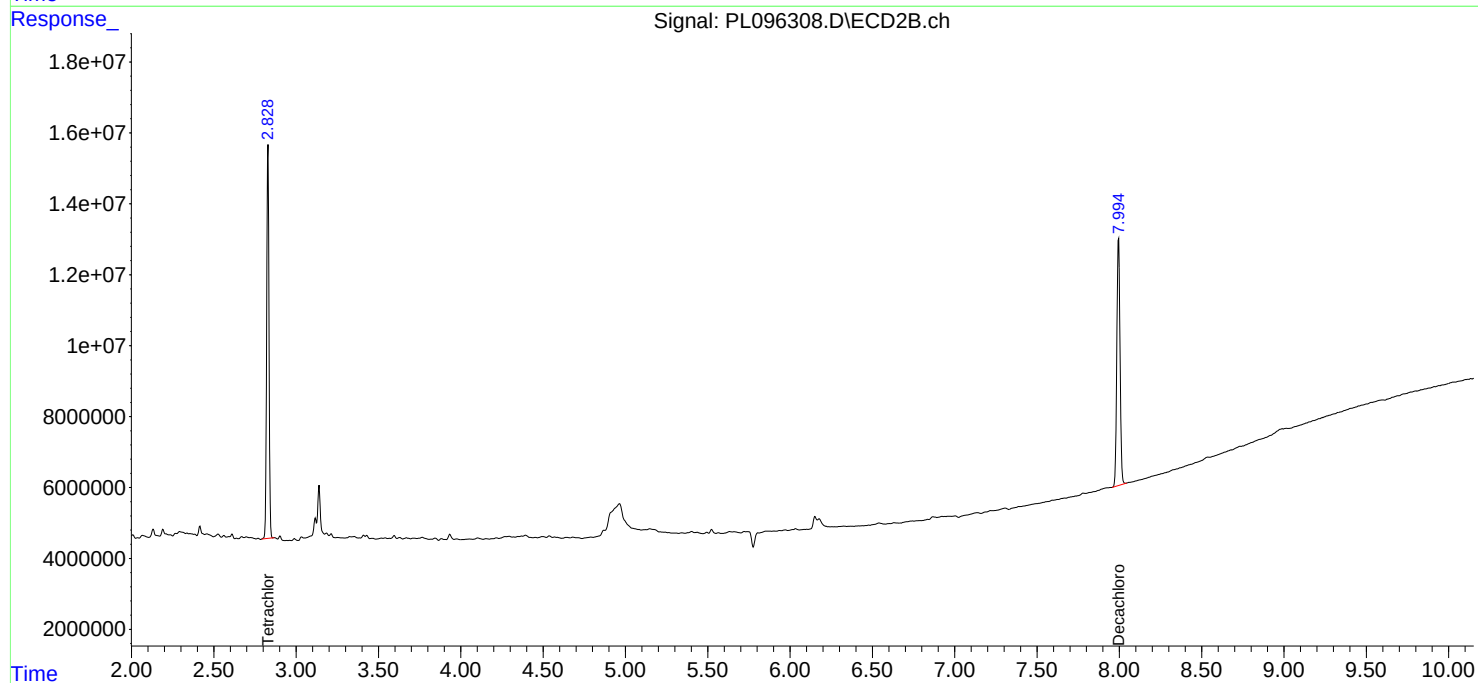
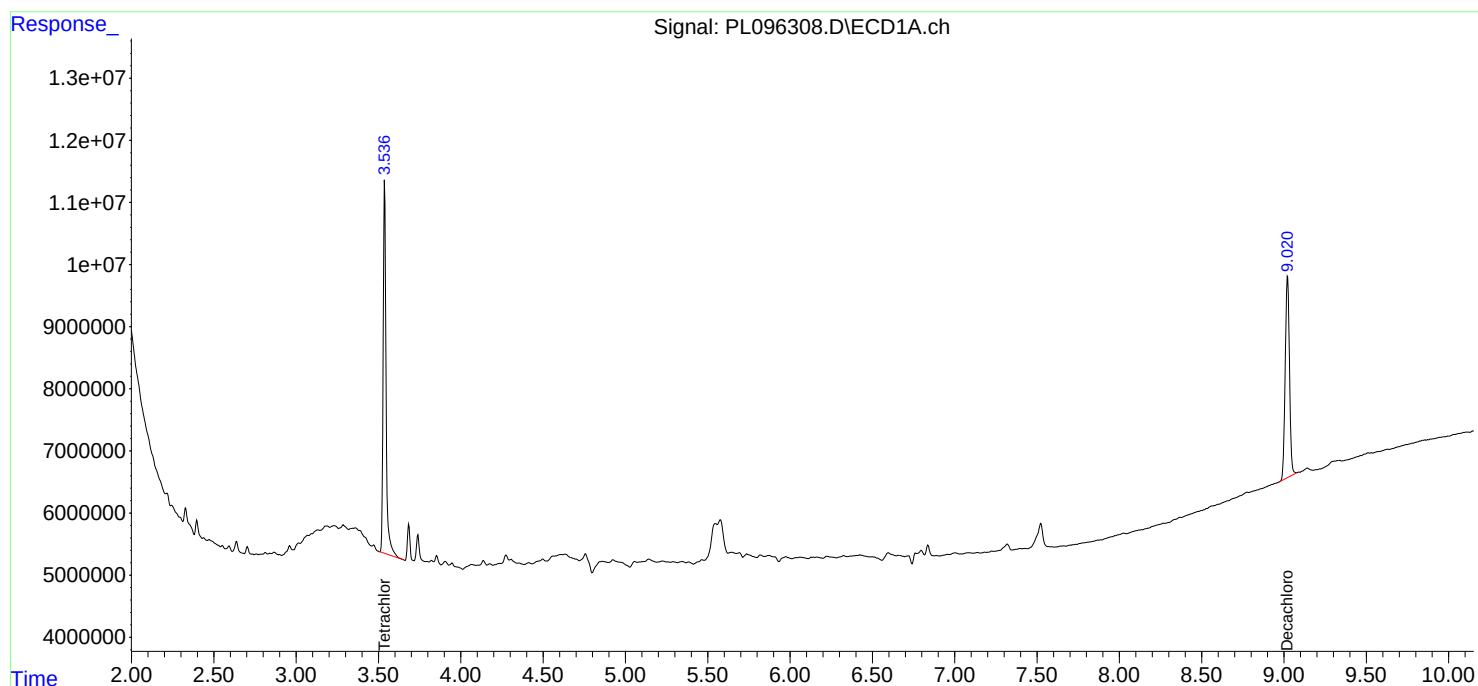
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

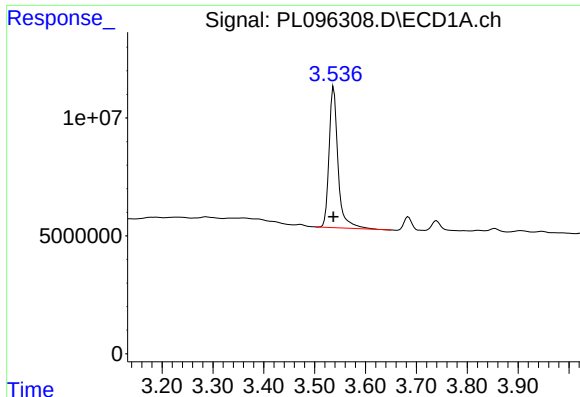
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:12
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

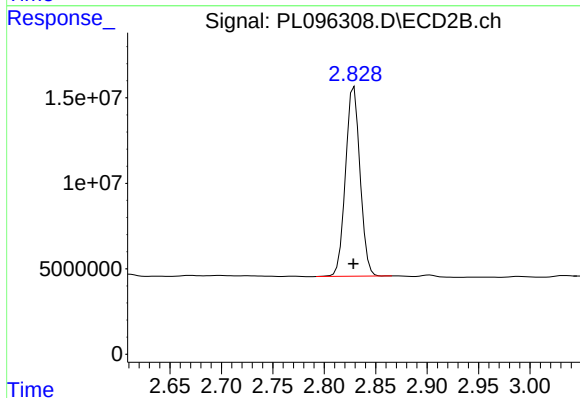




#1 Tetrachloro-m-xylene

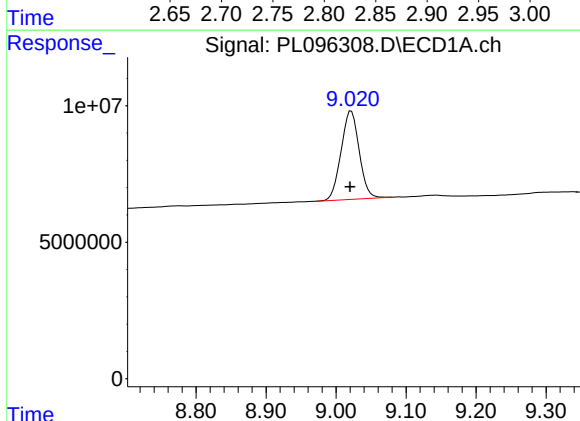
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 73032104
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)



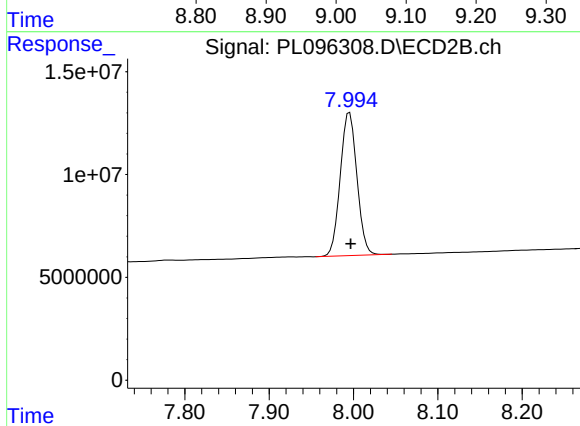
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 109052020
Conc: 18.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 58174255
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 95844059
Conc: 19.22 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096311.D	1	07/10/25 08:34	07/10/25 15:53	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		57 - 171	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.0		61 - 148	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\PL071025\
Data File : PL096311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:53
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	65776688	101.2E6	18.026	17.534
28)	SA Decachlor...	9.020	7.997	42320627	68371989	15.044	13.711

Target Compounds

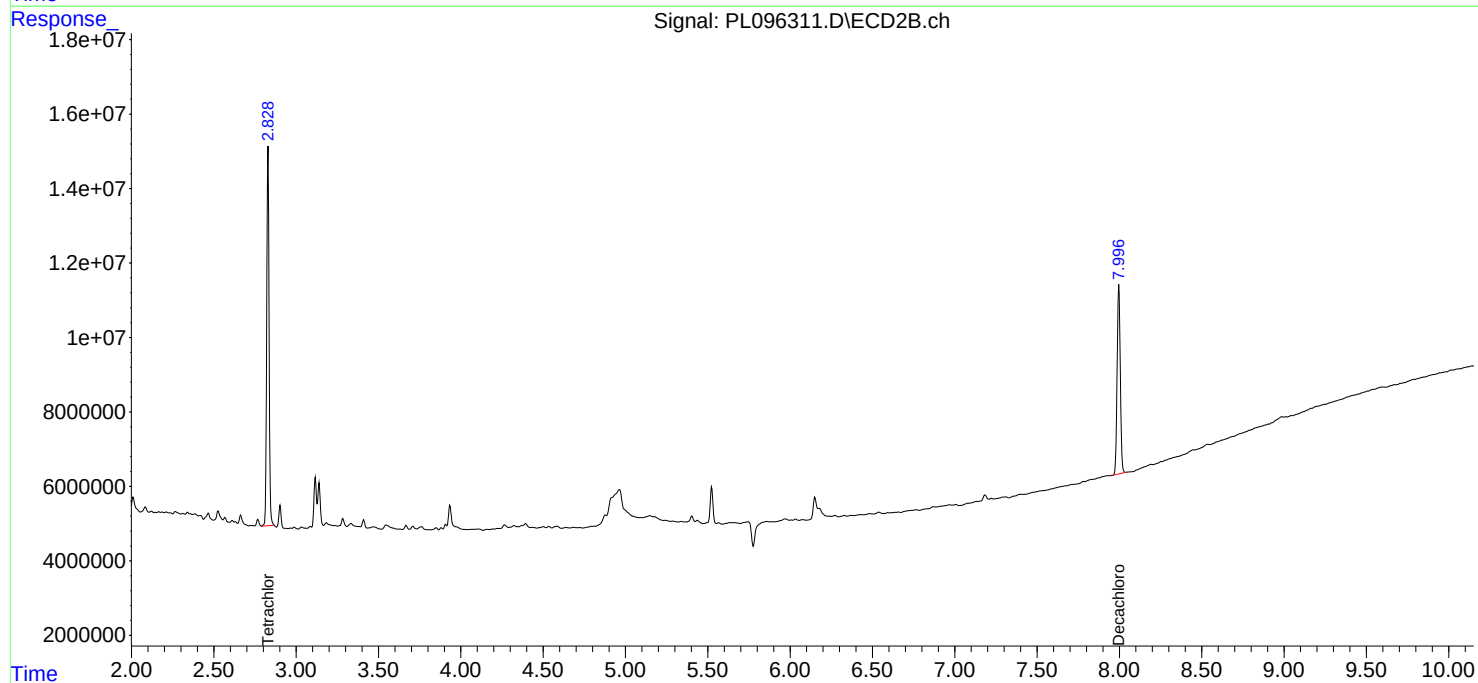
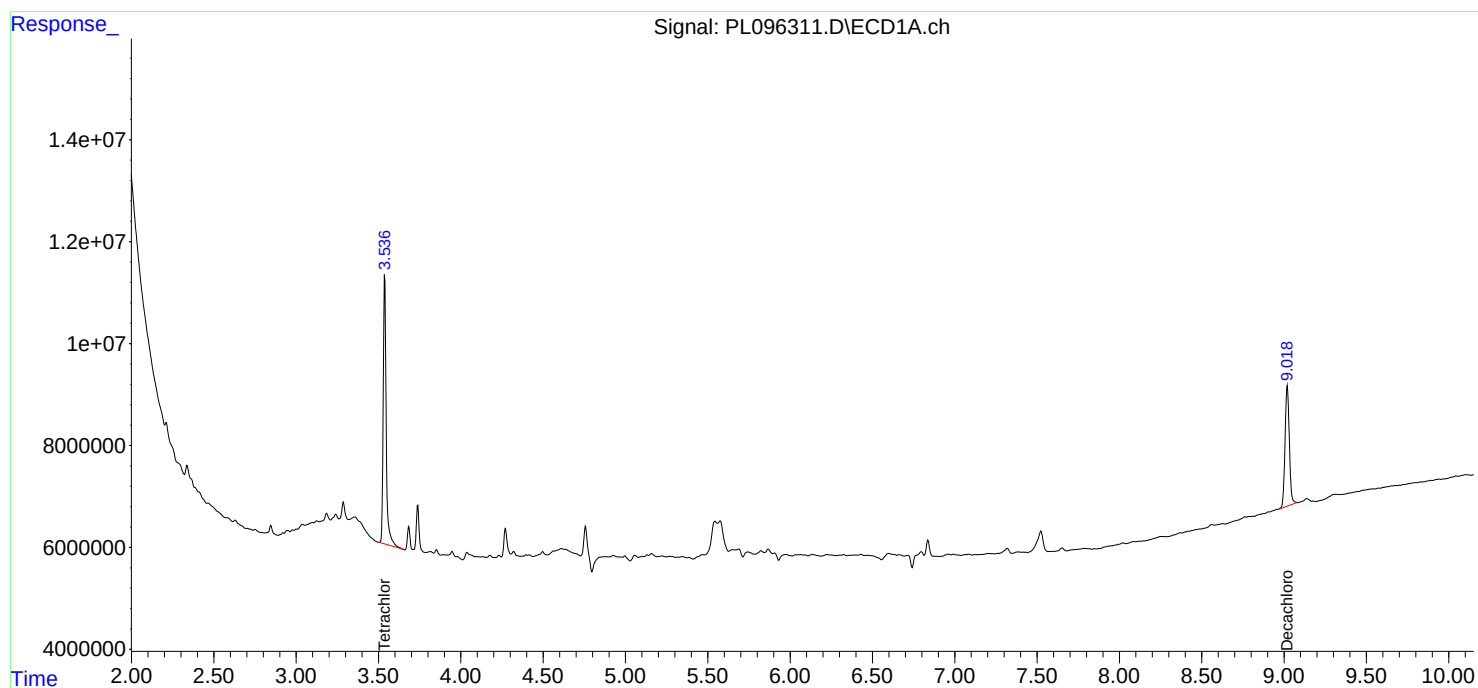
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

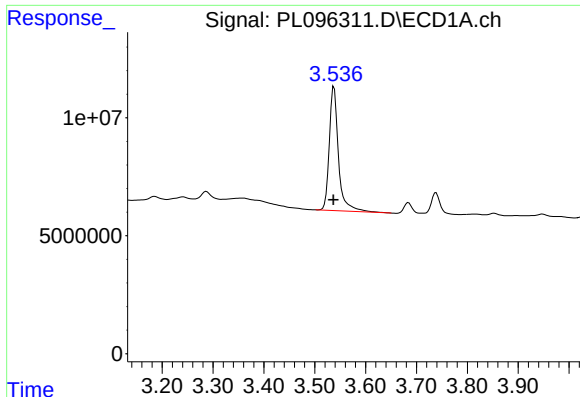
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:53
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

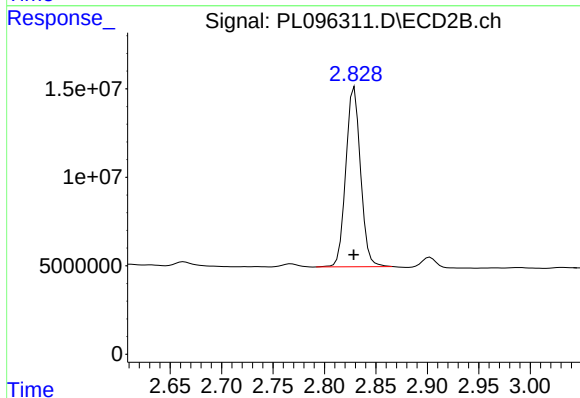




#1 Tetrachloro-m-xylene

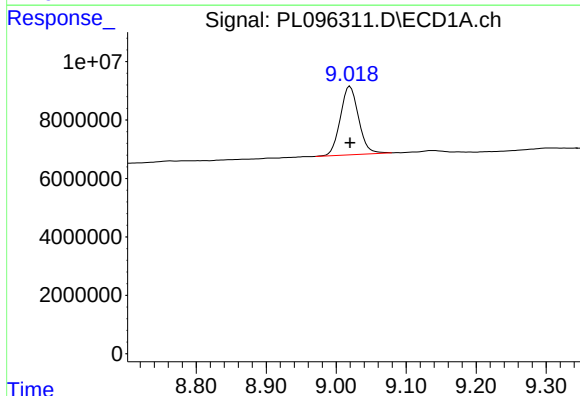
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 65776688
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(6-12)



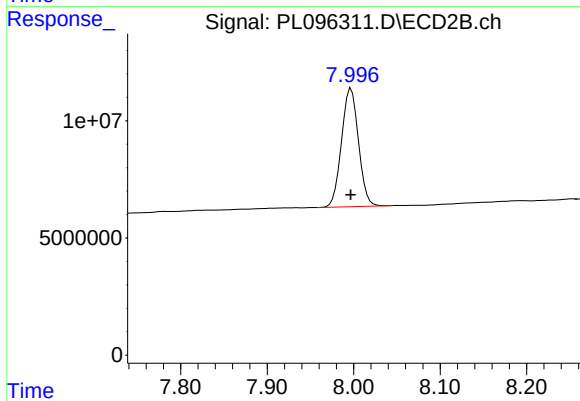
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 101190884
Conc: 17.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 42320627
Conc: 15.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 68371989
Conc: 13.71 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-03	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096312.D	1	07/10/25 08:34	07/10/25 16:06	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		61 - 148	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\PL071025\
Data File : PL096312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 16:06
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	69298976	105.9E6	18.991	18.345
28)	SA Decachlor...	9.020	7.995	59847393	98720073	21.275	19.797

Target Compounds

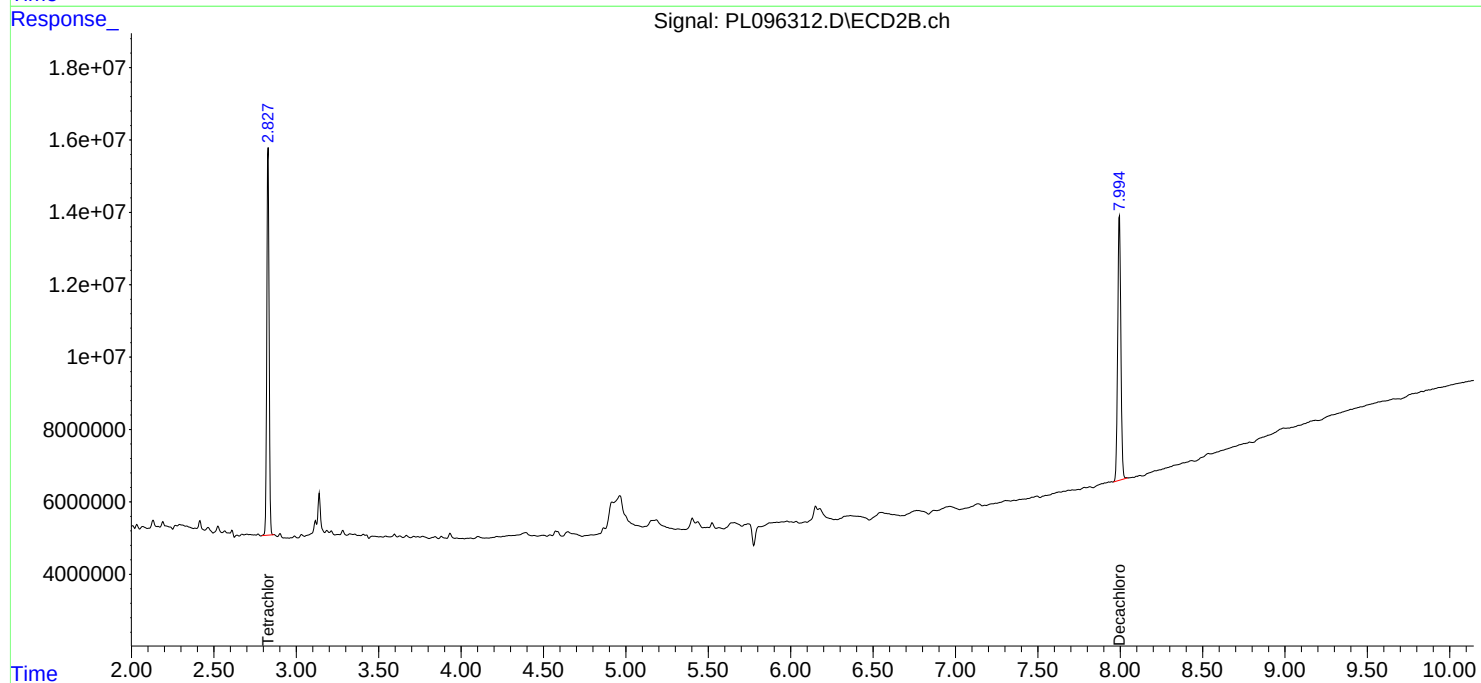
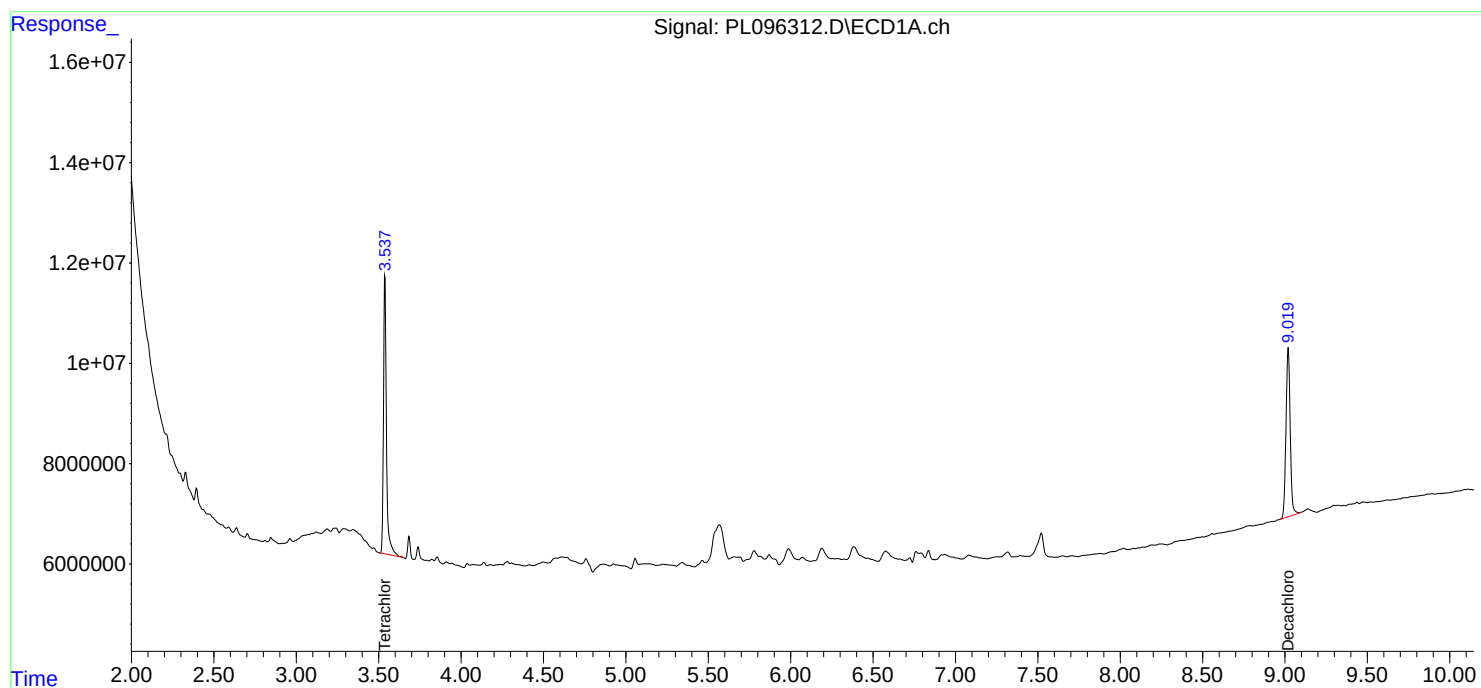
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

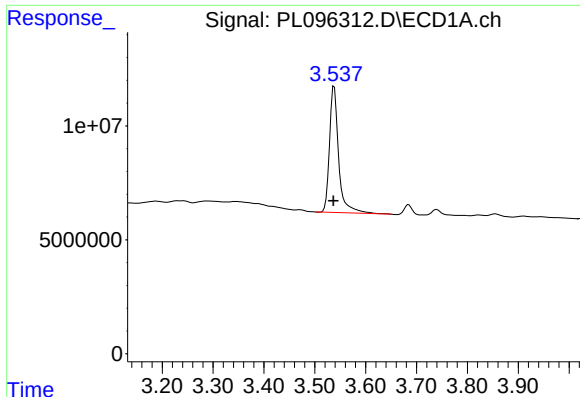
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 16:06
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

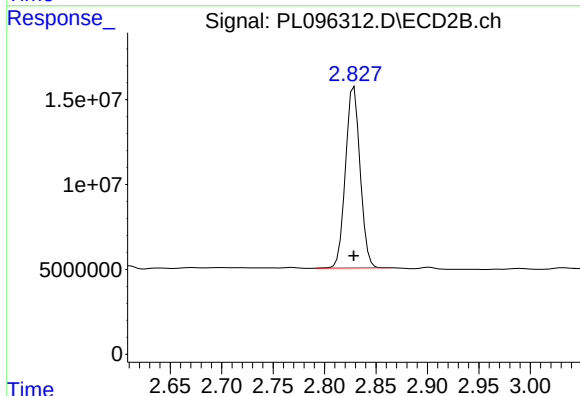




#1 Tetrachloro-m-xylene

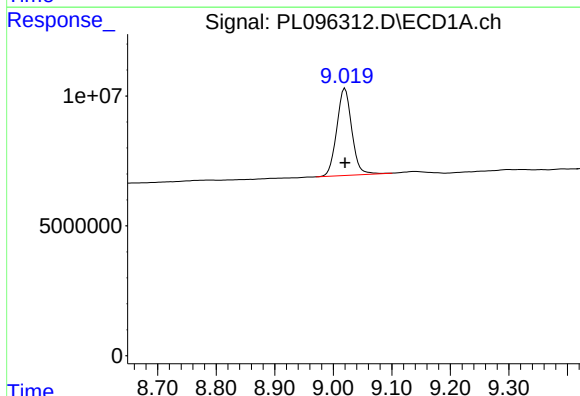
R.T.: 3.538 min
Delta R.T.: 0.001 min
Response: 69298976
Conc: 18.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
G3(0-6)



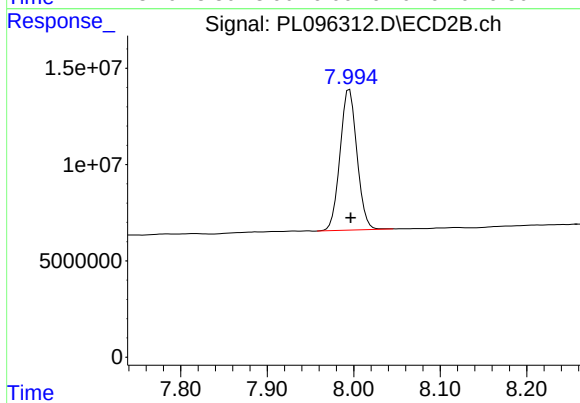
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 105870906
Conc: 18.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 59847393
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 98720073
Conc: 19.80 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-04	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096313.D	1	07/10/25 08:34	07/10/25 16:20	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		57 - 171	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		61 - 148	99%	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\PL071025\
Data File : PL096313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 16:20
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	72359778	107.7E6	19.830	18.657
28)	SA Decachlor...	9.019	7.995	46142957	76680389	16.403	15.378

Target Compounds

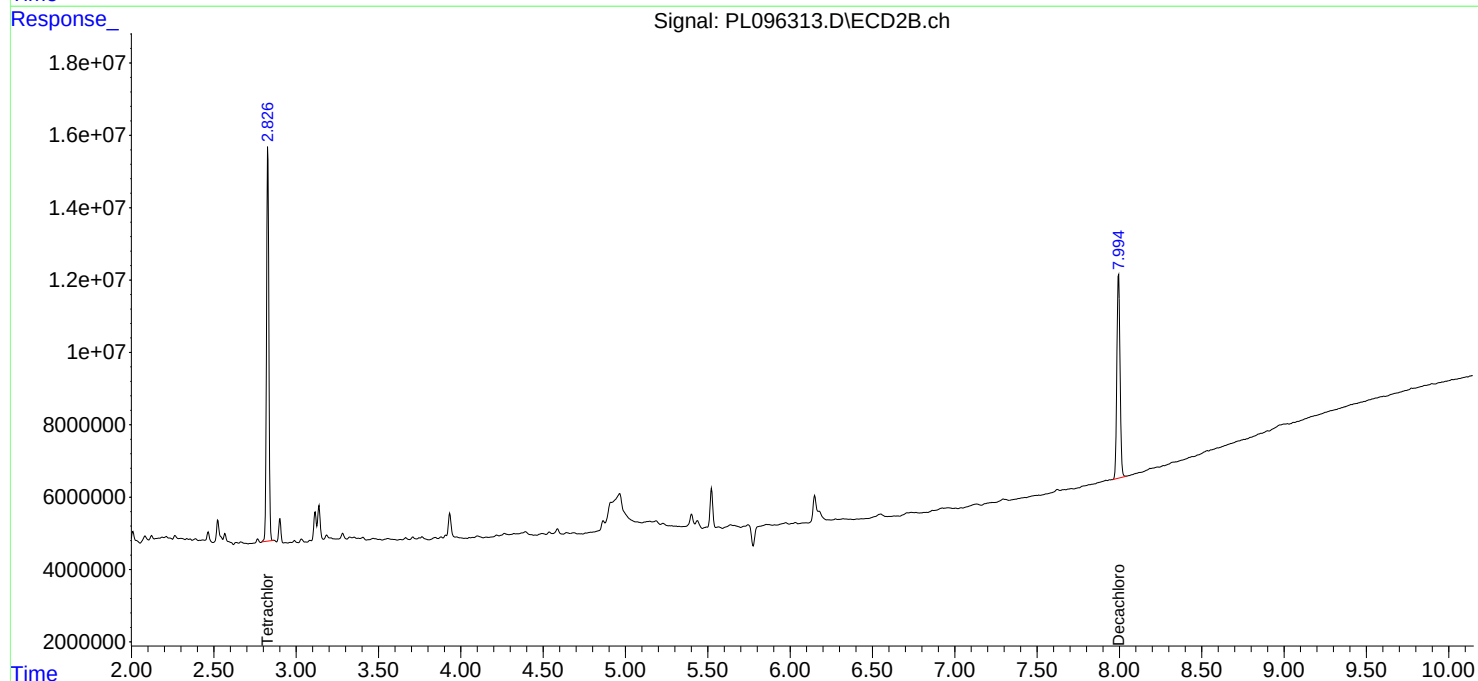
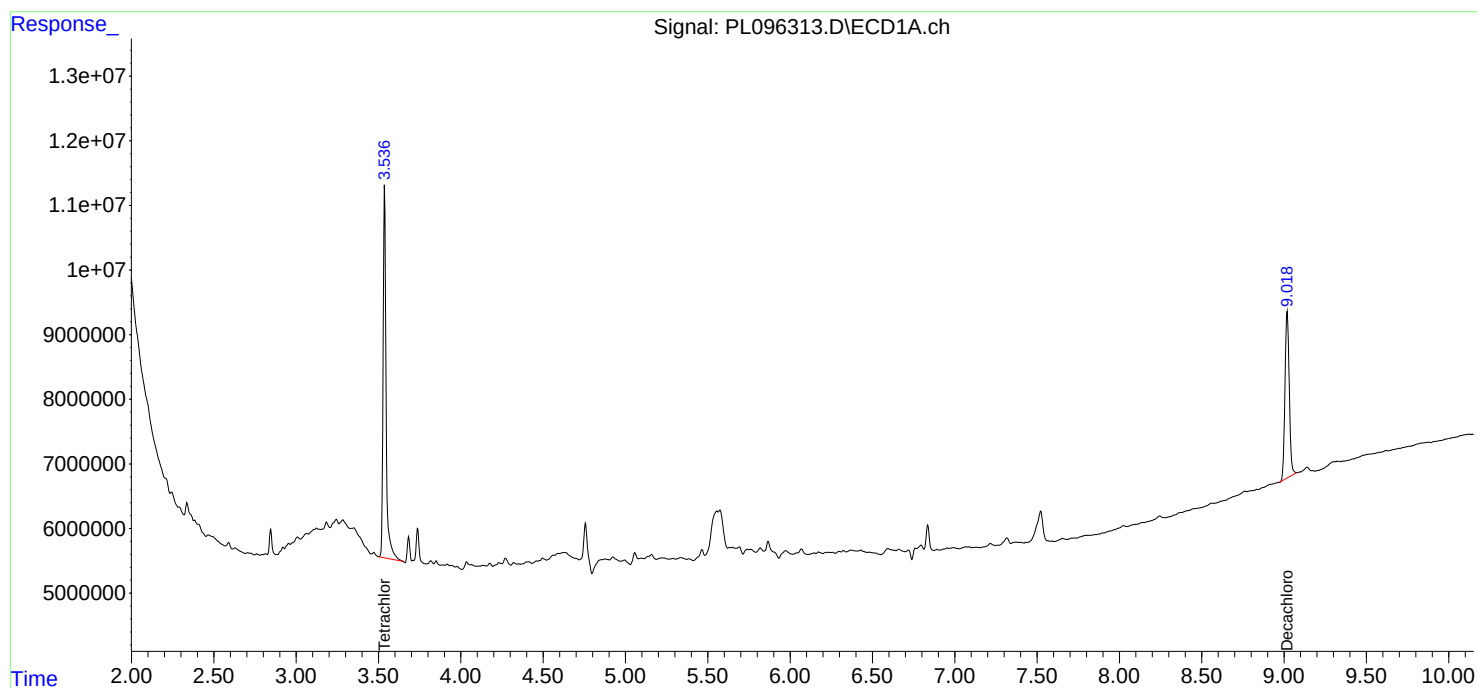
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

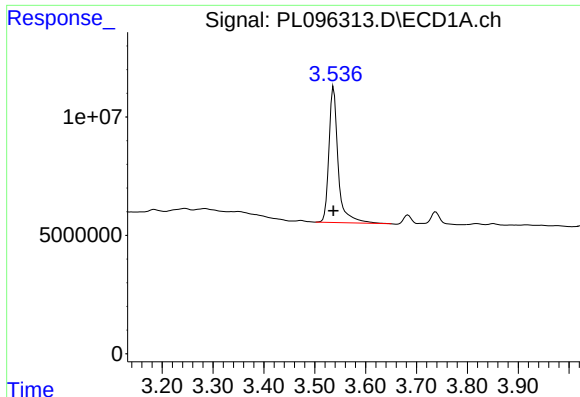
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 16:20
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

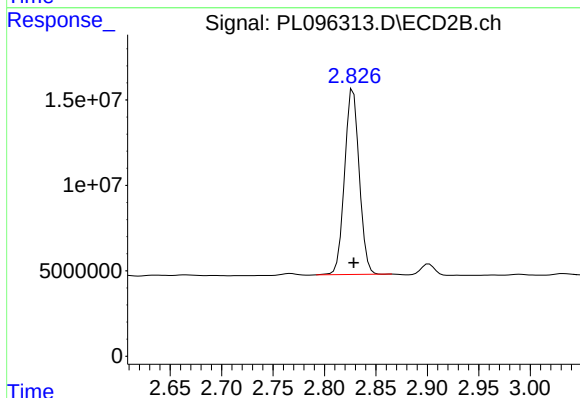




#1 Tetrachloro-m-xylene

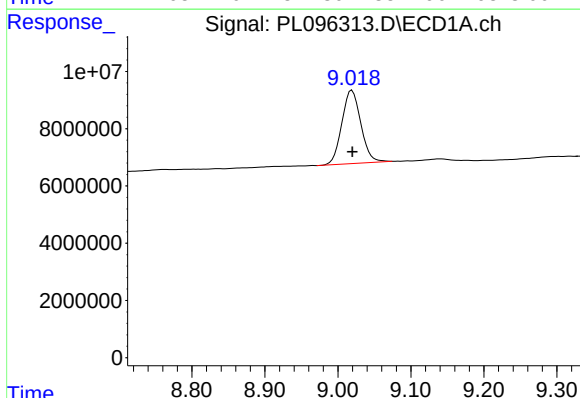
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 72359778
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
G3(6-12)



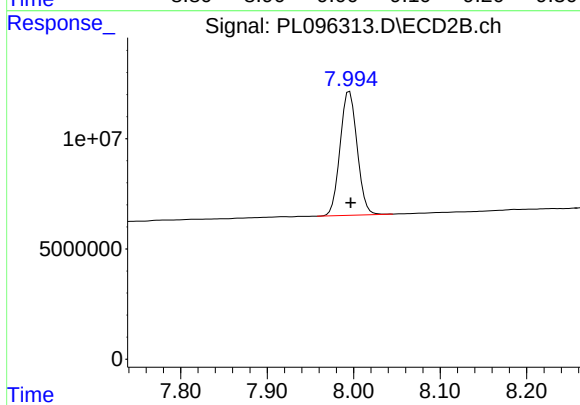
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 107672228
Conc: 18.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 46142957
Conc: 16.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 76680389
Conc: 15.38 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-05	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096316.D	1	07/10/25 08:34	07/10/25 18:01	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		61 - 148	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

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\PL071025\
Data File : PL096316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:01
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	73409713	108.0E6	20.118	18.717
28)	SA Decachlor...	9.020	7.995	64368193	102.3E6	22.882	20.509

Target Compounds

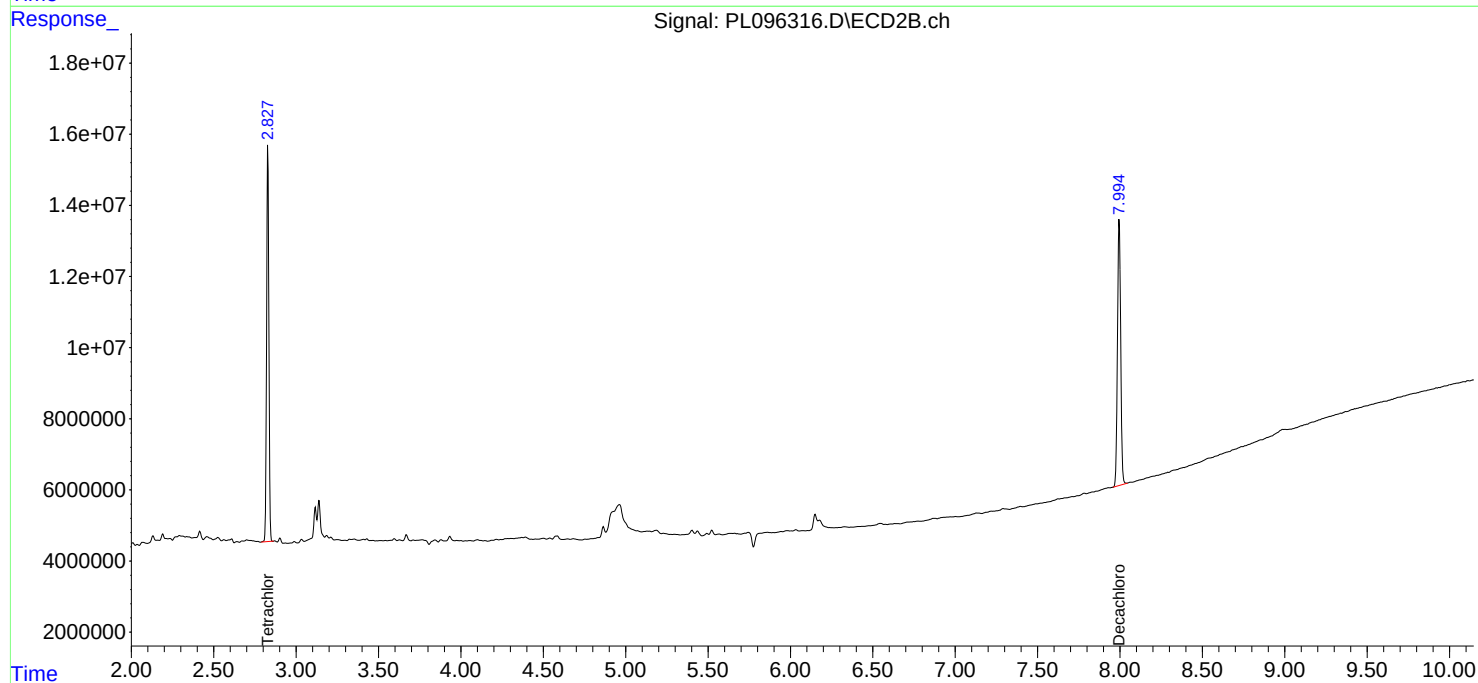
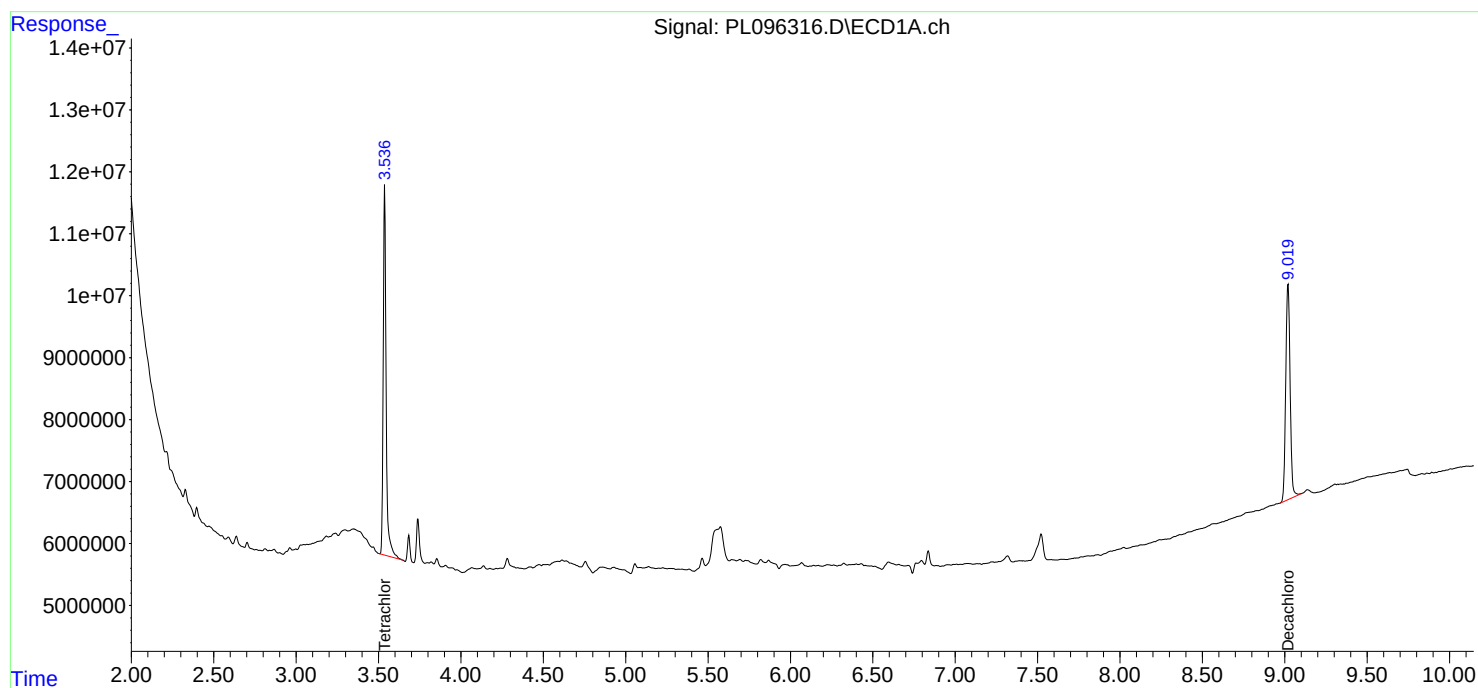
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:01
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

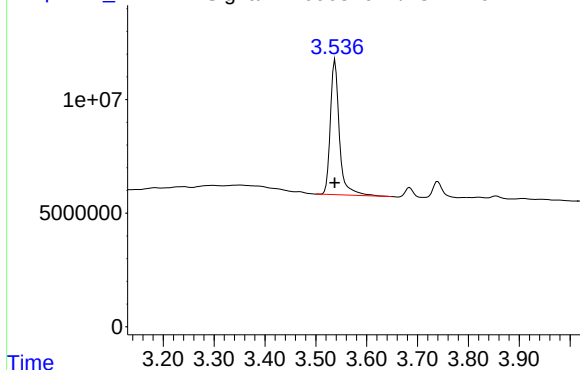
Instrument :
ECD_L
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Response_ Signal: PL096316.D\ECD1A.ch

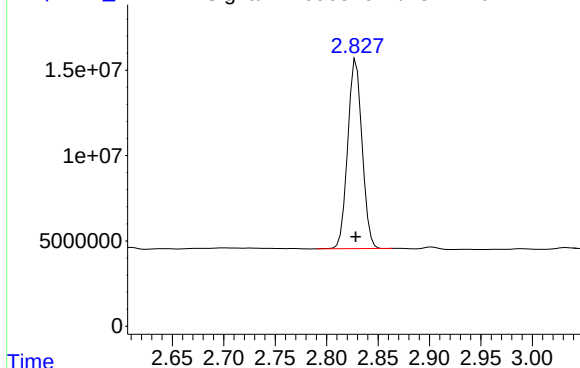


#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 73409713
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
G2(0-6)

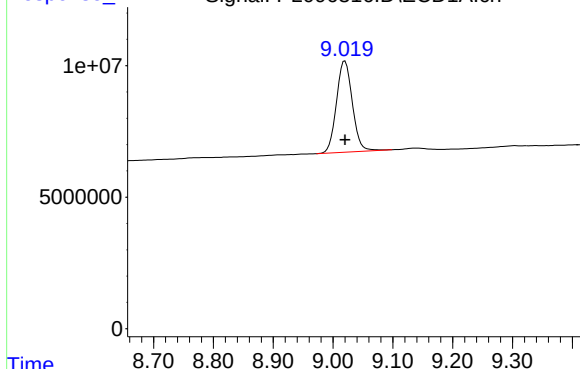
Time Response_ Signal: PL096316.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 108018891
Conc: 18.72 ng/ml

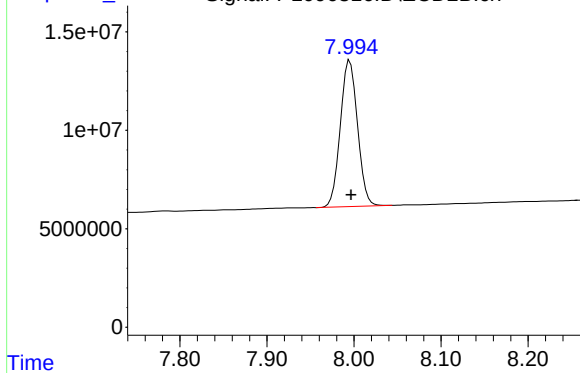
Time Response_ Signal: PL096316.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 64368193
Conc: 22.88 ng/ml

Time Response_ Signal: PL096316.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 102266598
Conc: 20.51 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-06	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096317.D	1	07/10/25 08:34	07/10/25 18:14	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.7		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	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\PL071025\
Data File : PL096317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:14
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G2(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	74274748	106.3E6	20.355	18.427
28)	SA Decachlor...	9.020	7.996	46938568	77118238	16.686	15.465

Target Compounds

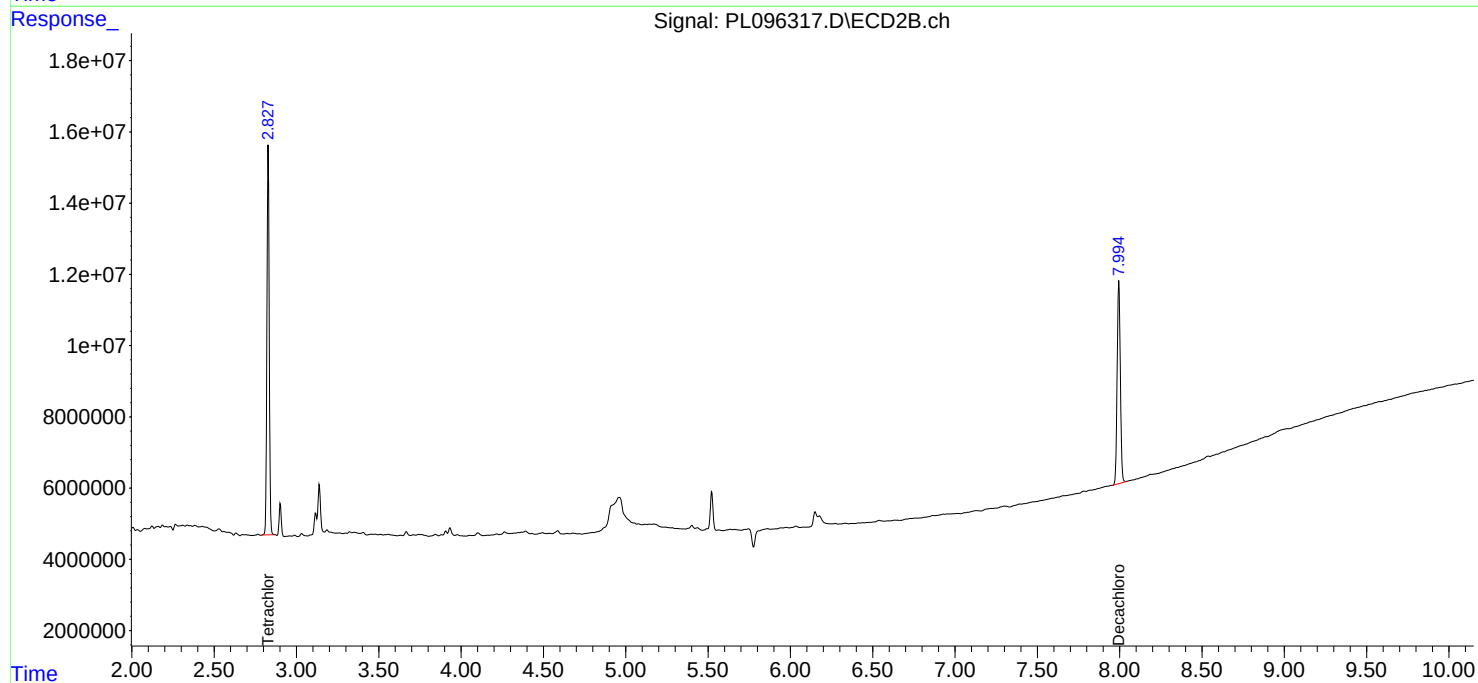
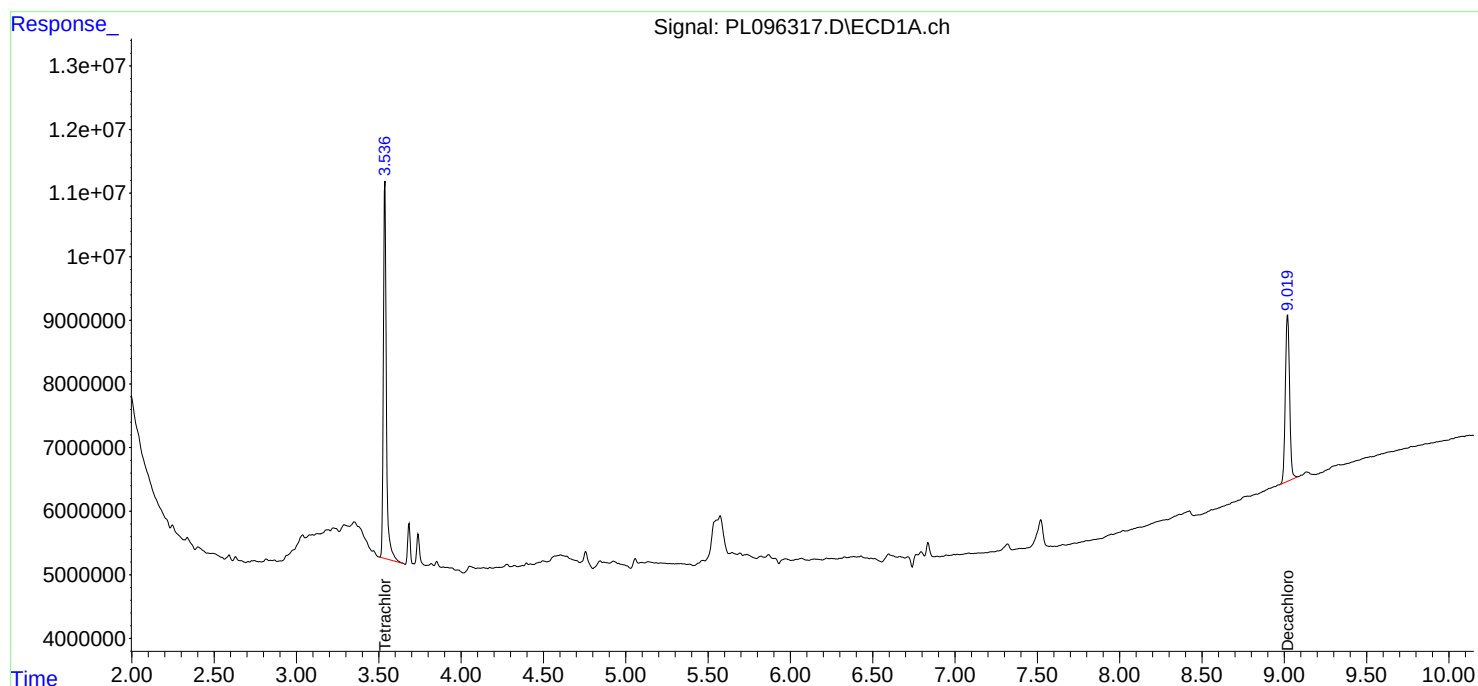
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

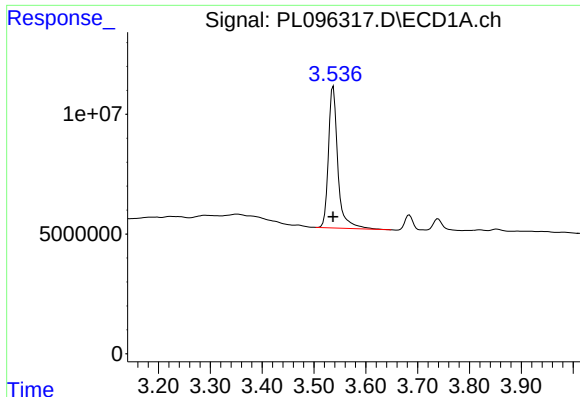
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:14
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G2(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

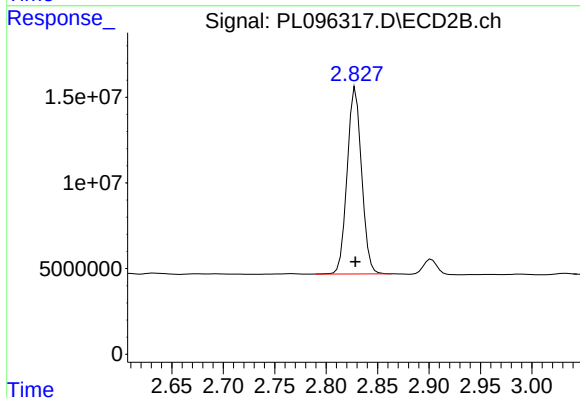




#1 Tetrachloro-m-xylene

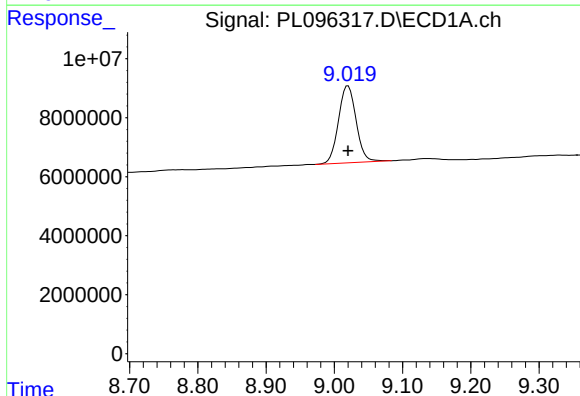
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 74274748
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
G2(6-12)



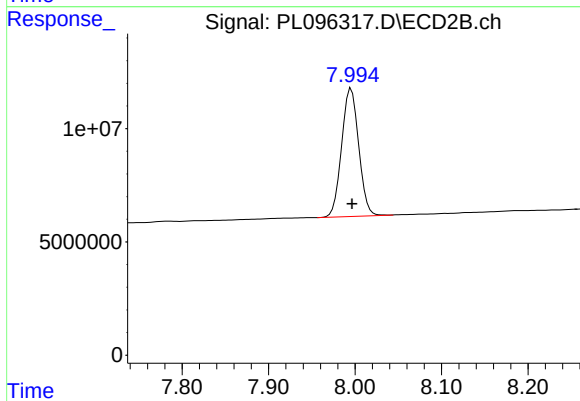
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 106344202
Conc: 18.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 46938568
Conc: 16.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 77118238
Conc: 15.47 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-07	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096318.D	1	07/10/25 08:34	07/10/25 18:28	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		57 - 171	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		61 - 148	98%	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\PL071025\
Data File : PL096318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:28
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	71271728	103.7E6	19.532	17.963
28)	SA Decachlor...	9.020	7.996	59311099	94850213	21.084	19.021

Target Compounds

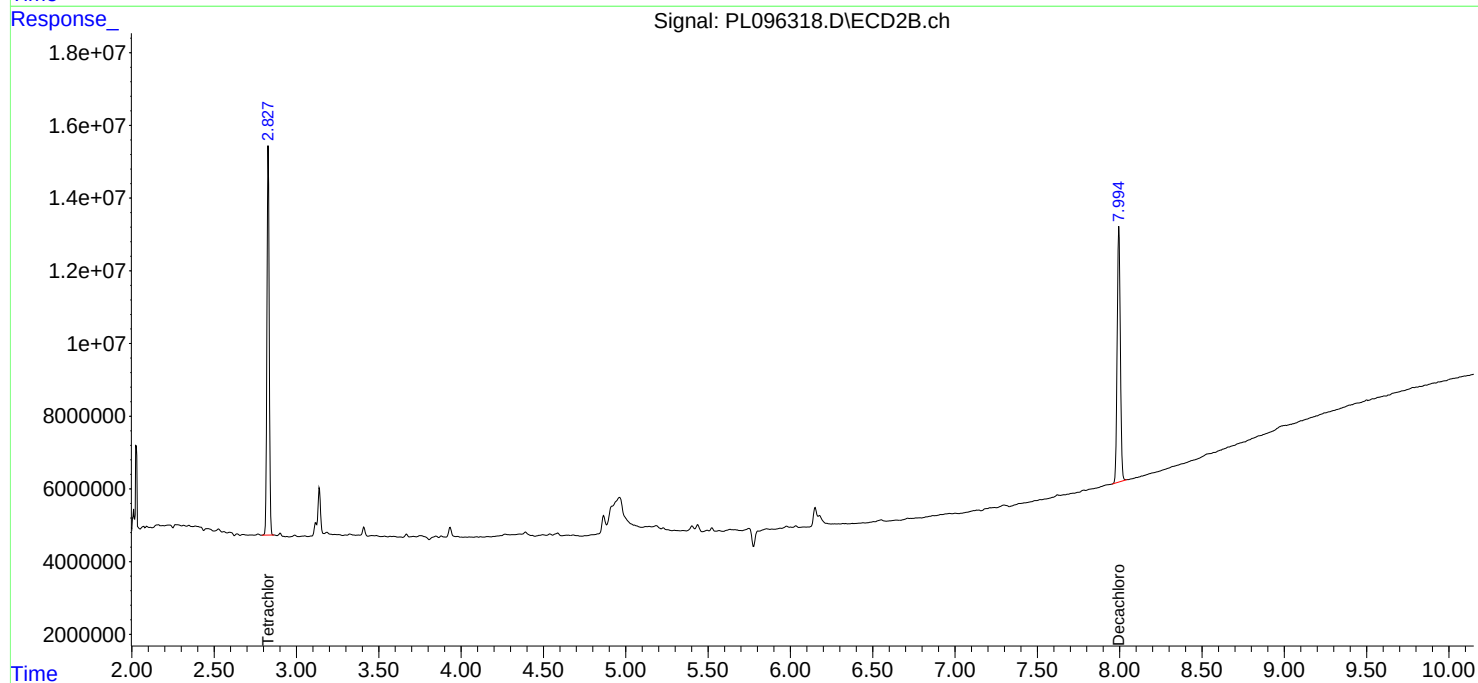
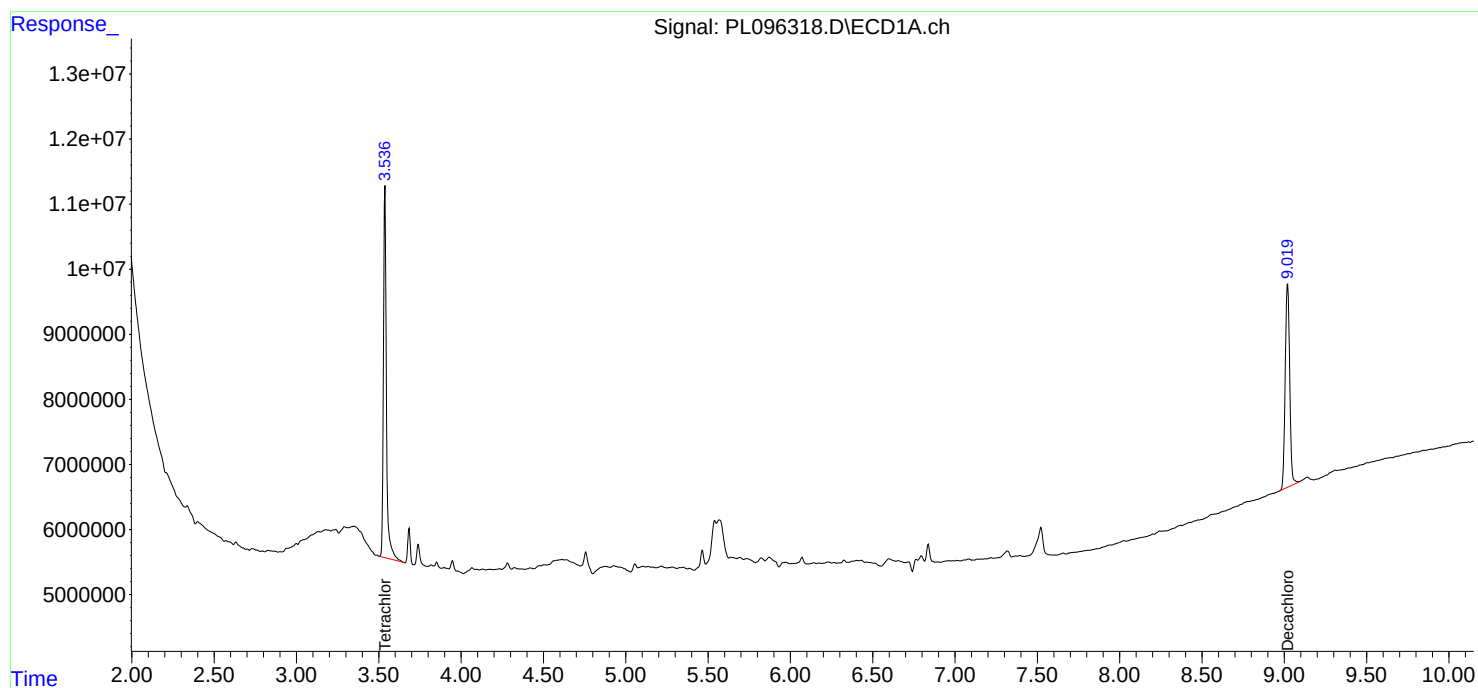
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

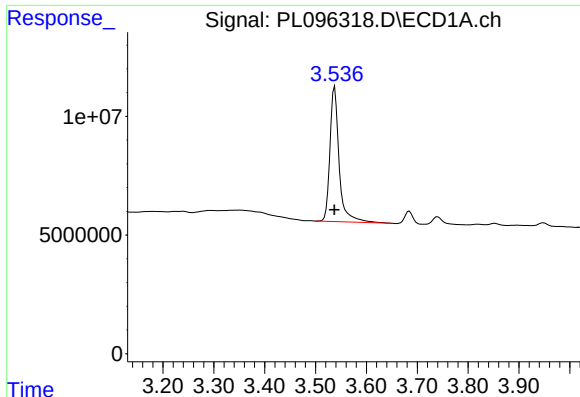
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:28
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

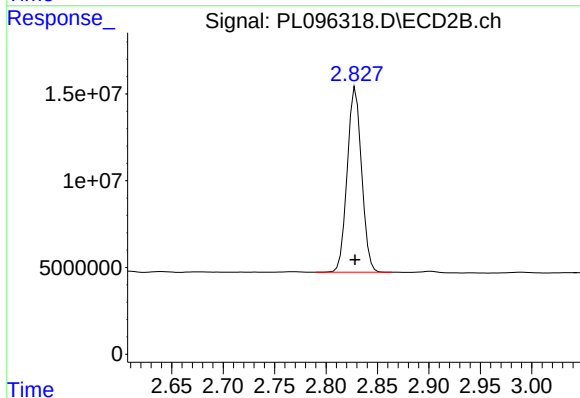




#1 Tetrachloro-m-xylene

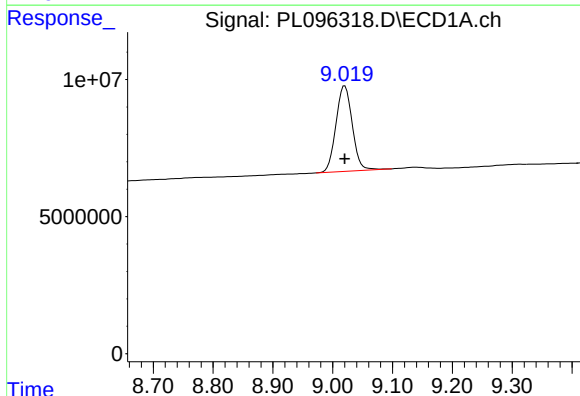
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 71271728
Conc: 19.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
G1(0-6)



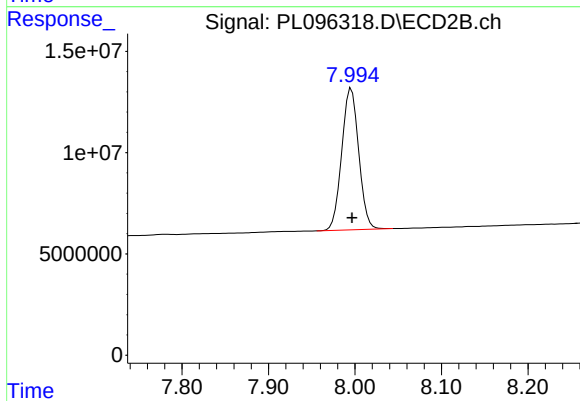
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 103668569
Conc: 17.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 59311099
Conc: 21.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 94850213
Conc: 19.02 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	07/01/25	
Project:	Construction of Shafts 17B-18B - PN 220084		Date Received:	07/01/25	
Client Sample ID:	G1(6-12)		SDG No.:	Q2489	
Lab Sample ID:	Q2489-08		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PL096319.D	1	07/10/25 08:34	07/10/25 18:41	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		57 - 171	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		61 - 148	93%	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\PL071025\
 Data File : PL096319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 18:41
 Operator : AR\AJ
 Sample : Q2489-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G1(6-12)

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 02:37:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.829	68005601	102.8E6	18.637m	17.820
28) SA Decachlor...	9.020	7.996	42735113	69757876	15.192	13.989

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:41
Operator : AR\AJ
Sample : Q2489-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

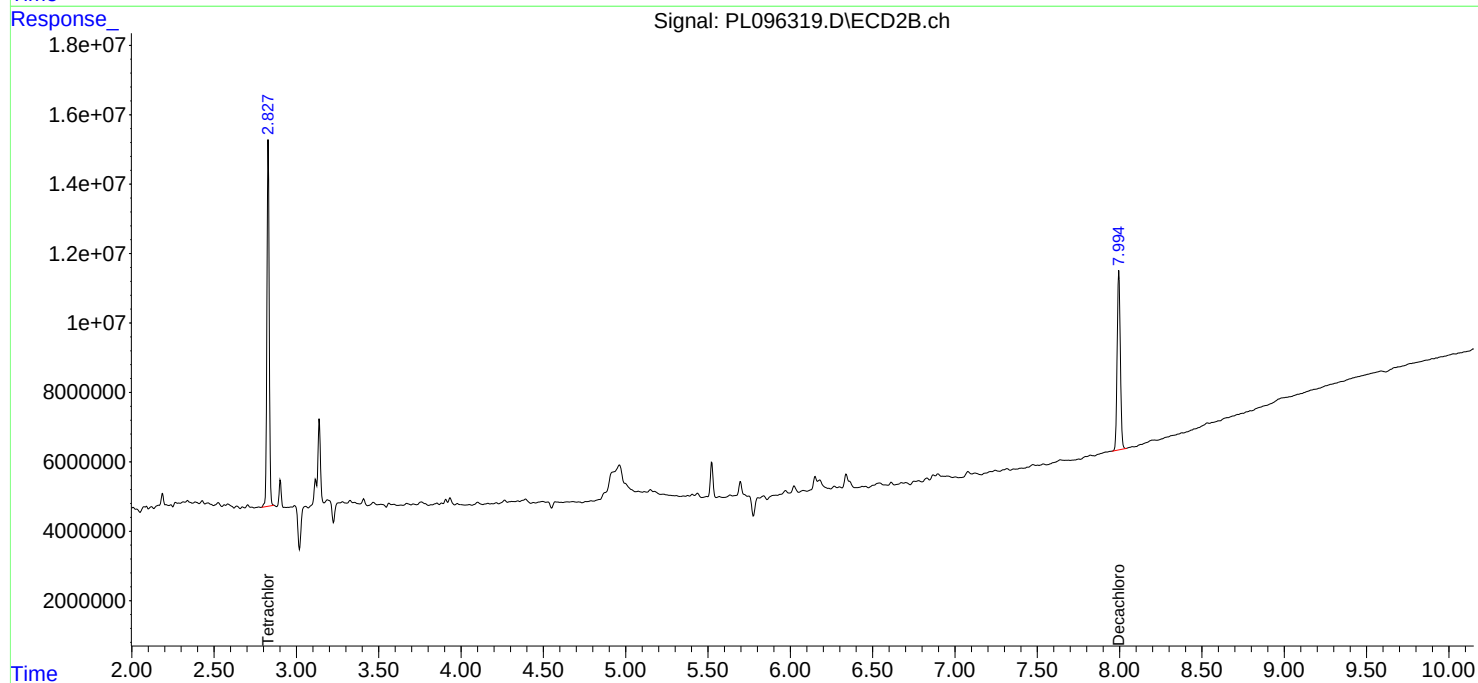
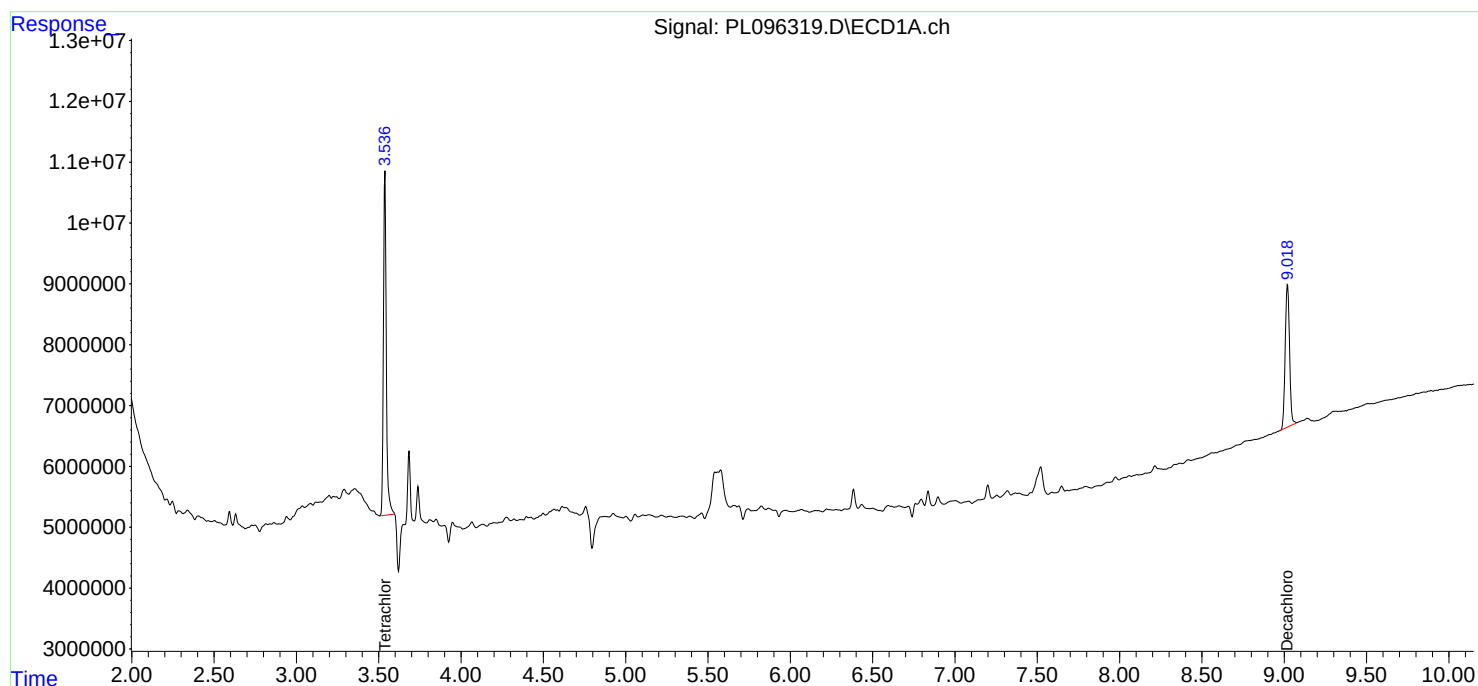
Instrument :
ECD_L
ClientSampleId :
G1(6-12)

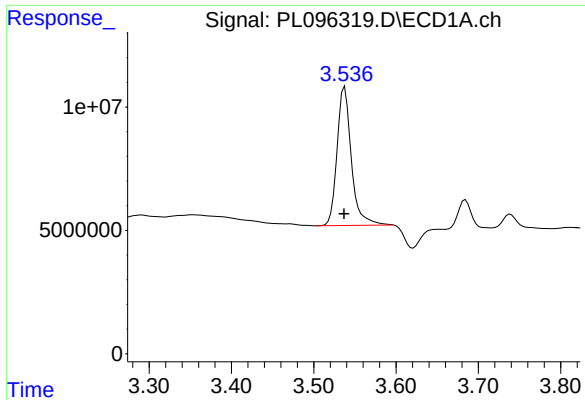
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





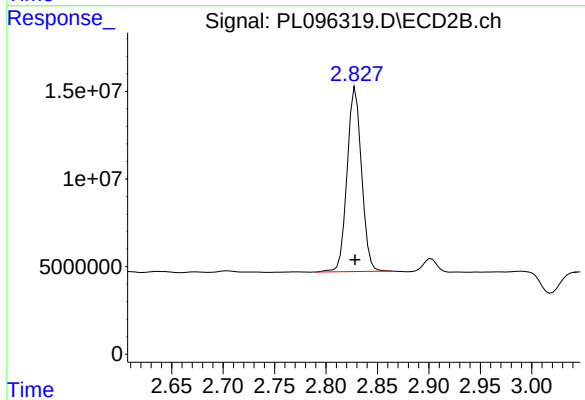
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 68005601
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
G1(6-12)

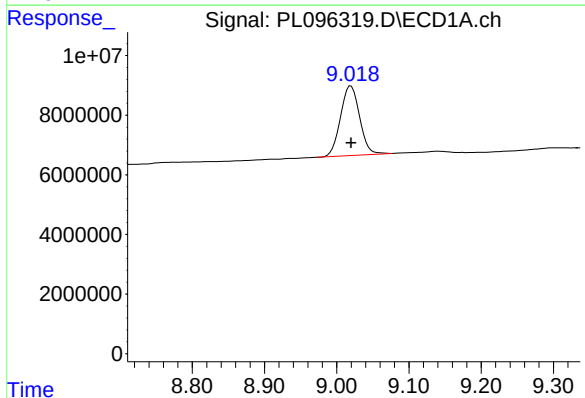
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



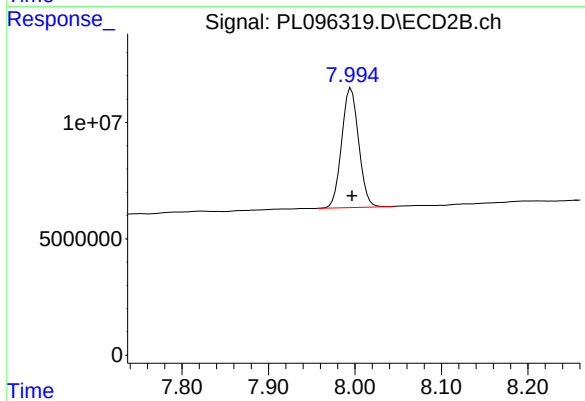
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 102845510
Conc: 17.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 42735113
Conc: 15.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 69757876
Conc: 13.99 ng/ml



CALIBRATION SUMMARY

Calibration Times: **10:53** **11:49**

LAB FILE ID:	RT 100 =	<u>PL096240.D</u>	RT 075 =	<u>PL096241.D</u>
	RT 050 =	PL096242.D	RT 025 =	PL096243.D
			RT 005 =	PL096244.D

[illegible]

Calibration Times: **10:53** **11:49**

LAB FILE ID:	RT 100 =	<u>PL096240.D</u>	RT 075 =	<u>PL096241.D</u>
	RT 050 =	PL096242.D	RT 025 =	PL096243.D
			RT 005 =	PL096244.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Instrument ID: ECD_L

Calibration Date(s): 07/07/2025 07/07/2025

Calibration Times: 10:53 11:49

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL096240.D</u>	CF 075 =	<u>PL096241.D</u>		
CF 050 =		<u>PL096242.D</u>	CF 025 =	<u>PL096243.D</u>	CF 005 =	<u>PL096244.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2734760000	2660070000	2729730000	2840050000	3100690000	2813060000	6
Endrin	3278570000	3096260000	3152290000	3035270000	2988660000	3110210000	4
gamma-BHC (Lindane)	5277490000	4937170000	5003630000	4872450000	4807500000	4979650000	4
Heptachlor	4644220000	4480710000	4500180000	4479130000	4801850000	4581220000	3
Heptachlor epoxide	4361240000	4217620000	4223310000	4173120000	3770510000	4149160000	5
Methoxychlor	1520130000	1498290000	1535260000	1580890000	1742410000	1575400000	6
Tetrachloro-m-xylene	3687130000	3500570000	3606810000	3645250000	3805110000	3648970000	3



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Instrument ID: ECD_L

Calibration Date(s): 07/07/2025 07/07/2025

Calibration Times: 10:53 11:49

GC Column: ZB-MR2

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL096240.D</u>	CF 075 =	<u>PL096241.D</u>		
CF 050 =		<u>PL096242.D</u>	CF 025 =	<u>PL096243.D</u>	CF 005 =	<u>PL096244.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4787910000	4666610000	4872180000	5085100000	5520680000	4986500000	7
Endrin	6179120000	5963060000	6145890000	6105230000	6089210000	6096500000	1
gamma-BHC (Lindane)	8140460000	7776520000	7961280000	7854920000	7646170000	7875870000	2
Heptachlor	7661840000	7400290000	7666040000	7667210000	7643400000	7607760000	2
Heptachlor epoxide	6588350000	6451450000	6691850000	6724070000	6968780000	6684900000	3
Methoxychlor	2949250000	2893130000	3027760000	3113420000	3205310000	3037770000	4
Tetrachloro-m-xylene	5771200000	5549810000	5746090000	5799260000	5989730000	5771220000	3



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2489

Instrument ID: ECD_L Date(s) Analyzed: 07/07/2025 07/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.69	4.59	4.79	177410000
		2	5.22	5.12	5.32	190569000
		3	5.92	5.82	6.02	738441000
		4	6.00	5.90	6.10	895986000
		5	6.84	6.74	6.94	143848000
Toxaphene	500	1	6.22	6.12	6.32	30025500
		2	6.61	6.51	6.71	26119300
		3	7.03	6.93	7.13	120095000
		4	7.12	7.02	7.22	85971000
		5	7.90	7.80	8.00	61804300



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
Instrument ID: ECD_L **Date(s) Analyzed:** 07/07/2025 07/07/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.84	3.74	3.94	235477000
		2	4.42	4.32	4.52	272171000
		3	5.06	4.96	5.16	797275000
		4	5.12	5.02	5.22	725774000
		5	6.01	5.91	6.11	282958000
Toxaphene	500	1	5.08	4.98	5.18	36707400
		2	5.76	5.66	5.86	51848200
		3	6.04	5.94	6.14	51417500
		4	6.68	6.58	6.78	166414000
		5	7.12	7.02	7.22	101419000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 10:53
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:52:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	368.7E6	577.1E6	101.101	100.218
28)	SA Decachlor...	9.019	7.995	273.5E6	478.8E6	100.092	99.128
Target Compounds							
2)	A alpha-BHC	3.985	3.335	557.1E6	884.8E6	103.261	101.511
3)	MA gamma-BHC...	4.314	3.667	527.7E6	814.0E6	102.664	101.113
4)	MA Heptachlor	4.906	4.017	464.4E6	766.2E6	101.575	99.973
5)	MB Aldrin	5.247	4.300	504.4E6	747.6E6	102.285	100.786
6)	B beta-BHC	4.500	3.964	208.3E6	336.1E6	100.978	99.598
7)	B delta-BHC	4.745	4.197	480.4E6	801.4E6	103.084	101.347
8)	B Heptachlo...	5.666	4.802	436.1E6	658.8E6	101.607	99.221
9)	A Endosulfan I	6.047	5.174	410.4E6	641.6E6	101.629	98.818
10)	B gamma-Chl...	5.919	5.055	457.0E6	709.7E6	101.780	100.837
11)	B alpha-Chl...	6.000	5.119	446.8E6	704.6E6	101.494	99.867
12)	B 4,4'-DDE	6.170	5.308	392.7E6	673.9E6	103.496	101.524
13)	MA Dieldrin	6.319	5.438	441.2E6	694.6E6	102.223	100.151
14)	MA Endrin	6.546	5.713	327.9E6	617.9E6	101.964	100.270
15)	B Endosulfa...	6.758	6.004	343.6E6	584.8E6	100.989	100.302
16)	A 4,4'-DDD	6.678	5.860	302.6E6	557.2E6	101.912	103.879
17)	MA 4,4'-DDT	6.992	6.113	314.0E6	592.5E6	102.050	101.137
18)	B Endrin al...	6.887	6.183	221.6E6	412.5E6	100.089	98.301
19)	B Endosulfa...	7.120	6.406	313.7E6	556.8E6	101.719	99.788
20)	A Methoxychlor	7.464	6.685	152.0E6	294.9E6	99.505	98.686
21)	B Endrin ke...	7.599	6.909	337.0E6	616.3E6	101.073	99.269m
22)	Mirex	8.079	7.101	272.3E6	474.8E6	99.763	99.059

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:53
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC100

Manual Integrations

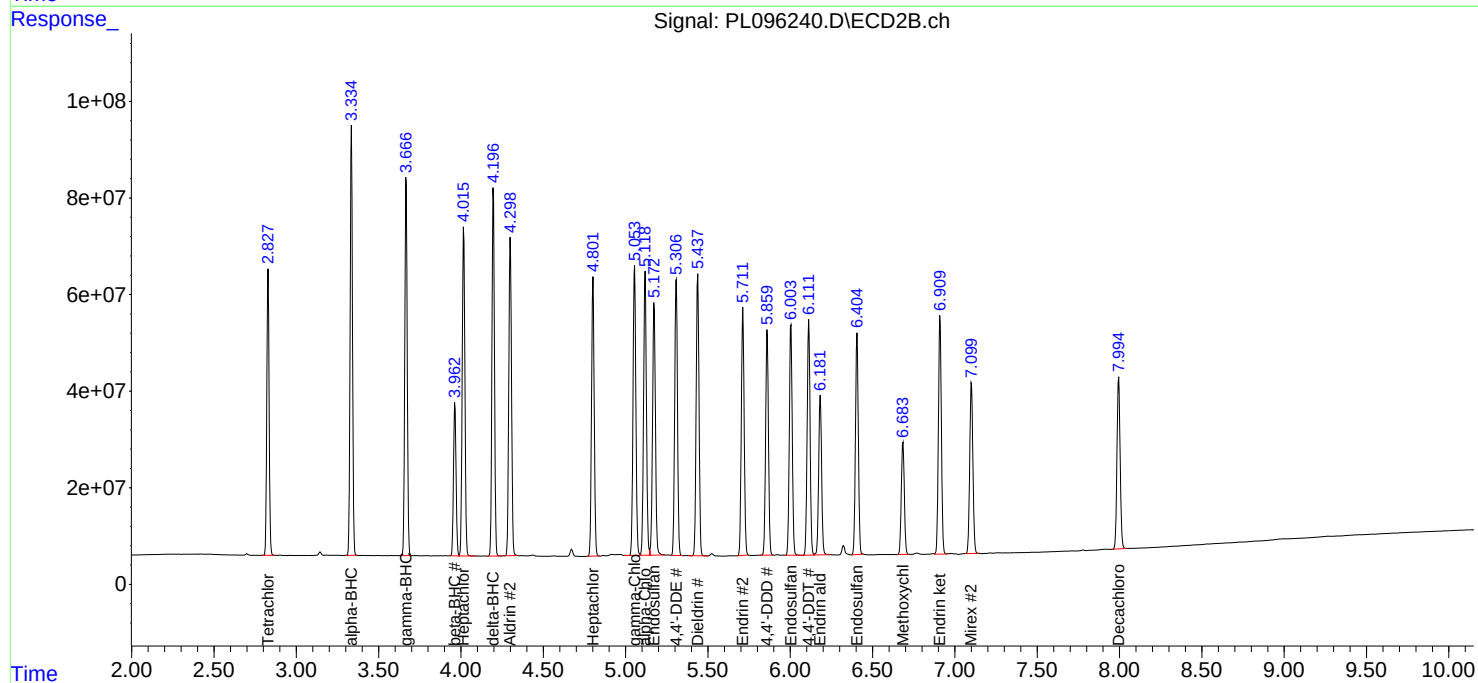
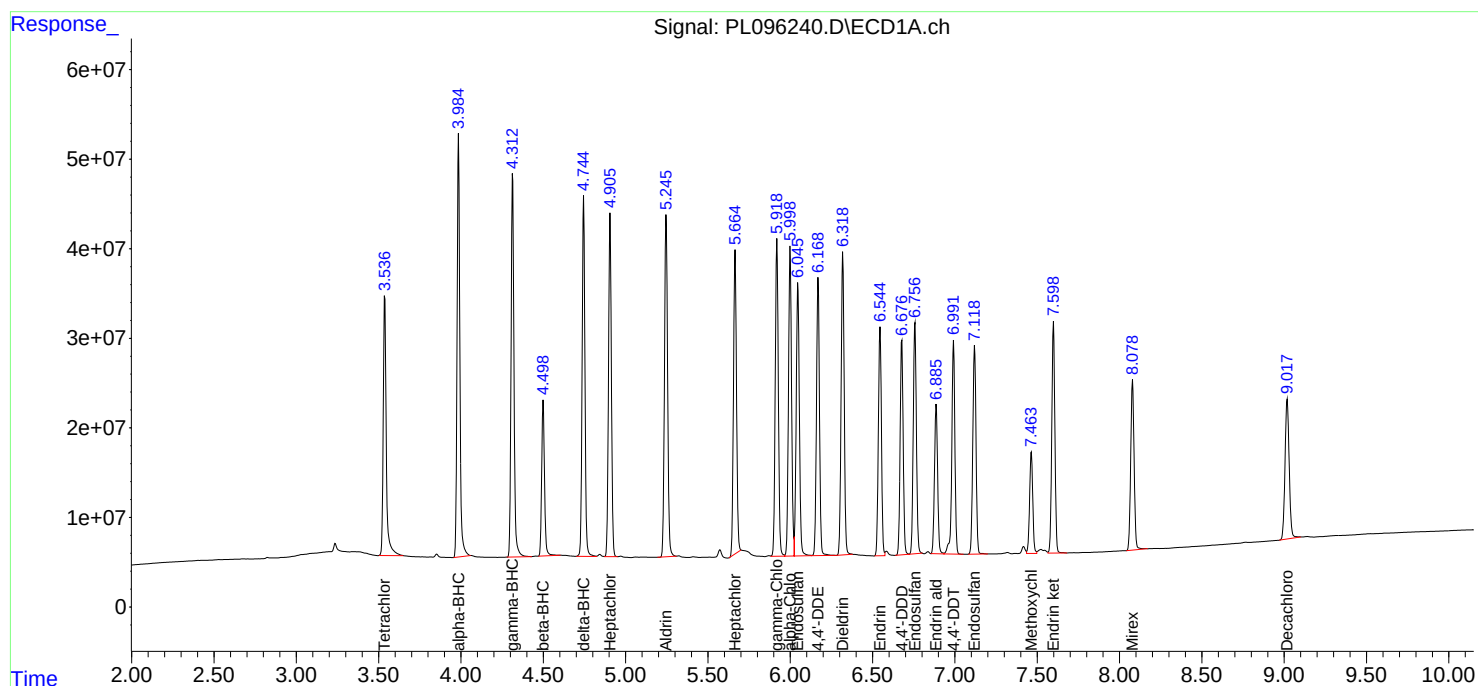
APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 11:09
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:55:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.827	262.5E6	416.2E6	72.966	73.165
28)	SA Decachlor...	9.022	7.996	199.5E6	350.0E6	73.668	73.289
Target Compounds							
2)	A alpha-BHC	3.984	3.334	396.3E6	631.4E6	73.968	73.274
3)	MA gamma-BHC...	4.313	3.666	370.3E6	583.2E6	72.995	73.277
4)	MA Heptachlor	4.906	4.016	336.1E6	555.0E6	73.993	73.260
5)	MB Aldrin	5.245	4.300	359.1E6	537.9E6	73.531	73.330
6)	B beta-BHC	4.497	3.963	150.0E6	242.0E6	73.486m	72.768
7)	B delta-BHC	4.745	4.196	338.2E6	573.4E6	73.368	73.317
8)	B Heptachlo...	5.666	4.802	316.3E6	483.9E6	74.125	73.566
9)	A Endosulfan I	6.047	5.173	294.3E6	470.1E6	73.562	73.247
10)	B gamma-Chl...	5.919	5.054	323.5E6	518.3E6	73.015	74.093
11)	B alpha-Chl...	6.000	5.119	317.7E6	520.1E6	73.088	74.144
12)	B 4,4'-DDE	6.170	5.308	277.7E6	481.3E6	73.777	73.317
13)	MA Dieldrin	6.319	5.438	312.3E6	500.5E6	73.215	73.087
14)	MA Endrin	6.546	5.713	232.2E6	447.2E6	73.124	73.364
15)	B Endosulfa...	6.758	6.005	247.3E6	423.6E6	73.442	73.425
16)	A 4,4'-DDD	6.679	5.860	213.5E6	373.3E6	72.919	71.314
17)	MA 4,4'-DDT	6.993	6.113	226.6E6	425.7E6	74.085	73.421
18)	B Endrin al...	6.887	6.183	162.7E6	304.8E6	74.002	73.411
19)	B Endosulfa...	7.120	6.406	225.3E6	405.9E6	73.701	73.485
20)	A Methoxychlor	7.465	6.685	112.4E6	217.0E6	74.031	73.387
21)	B Endrin ke...	7.600	6.910	243.3E6	448.8E6	73.629	73.150
22)	Mirex	8.080	7.101	198.3E6	347.2E6	73.425	73.273

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:09
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC075

Manual Integrations

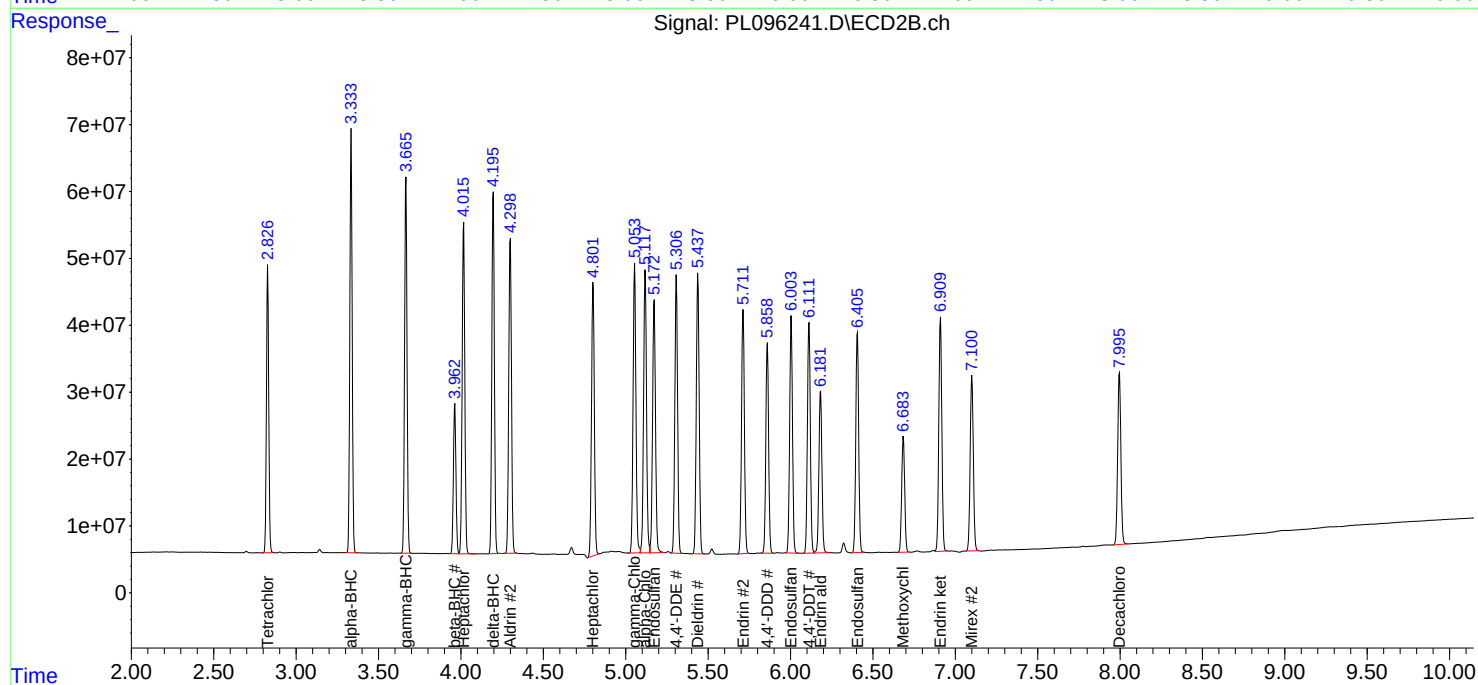
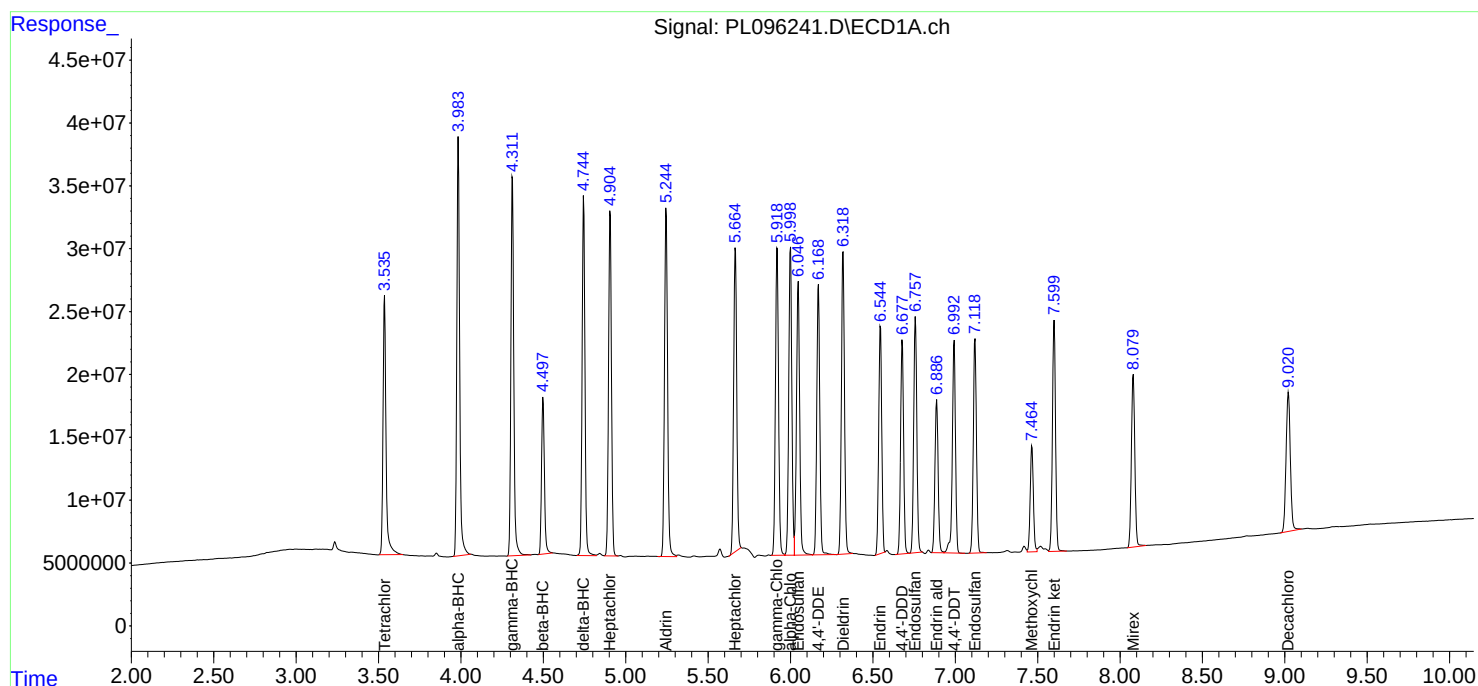
APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 11:22
 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: Jul 07 13:50:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	180.3E6	287.3E6	50.000	50.000
28)	SA Decachlor...	9.020	7.996	136.5E6	243.6E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.985	3.335	261.0E6	429.2E6	50.000	50.000
3)	MA gamma-BHC...	4.313	3.667	250.2E6	398.1E6	50.000	50.000
4)	MA Heptachlor	4.906	4.017	225.0E6	383.3E6	50.000	50.000
5)	MB Aldrin	5.246	4.300	240.9E6	368.0E6	50.000	50.000
6)	B beta-BHC	4.499	3.963	102.1E6	169.4E6	50.000	50.000
7)	B delta-BHC	4.746	4.197	225.8E6	390.1E6	50.000	50.000
8)	B Heptachlo...	5.665	4.802	211.2E6	334.6E6	50.000	50.000
9)	A Endosulfan I	6.047	5.173	198.6E6	328.5E6	50.000	50.000
10)	B gamma-Chl...	5.919	5.054	220.5E6	348.9E6	50.000	50.000
11)	B alpha-Chl...	6.000	5.118	216.8E6	353.2E6	50.000	50.000
12)	B 4,4'-DDE	6.169	5.307	183.1E6	326.8E6	50.000	50.000
13)	MA Dieldrin	6.319	5.438	211.0E6	346.2E6	50.000	50.000
14)	MA Endrin	6.545	5.712	157.6E6	307.3E6	50.000	50.000
15)	B Endosulfa...	6.758	6.004	168.4E6	290.6E6	50.000	50.000
16)	A 4,4'-DDD	6.678	5.859	145.6E6	257.8E6	50.000	50.000
17)	MA 4,4'-DDT	6.992	6.112	150.7E6	289.6E6	50.000	50.000
18)	B Endrin al...	6.886	6.182	110.6E6	213.4E6	50.000	50.000
19)	B Endosulfa...	7.119	6.406	151.6E6	279.6E6	50.000	50.000
20)	A Methoxychlor	7.464	6.684	76763109	151.4E6	50.000	50.000
21)	B Endrin ke...	7.600	6.910	164.9E6	313.0E6	50.000	50.000
22)	Mirex	8.080	7.100	136.8E6	241.9E6	50.000	50.000

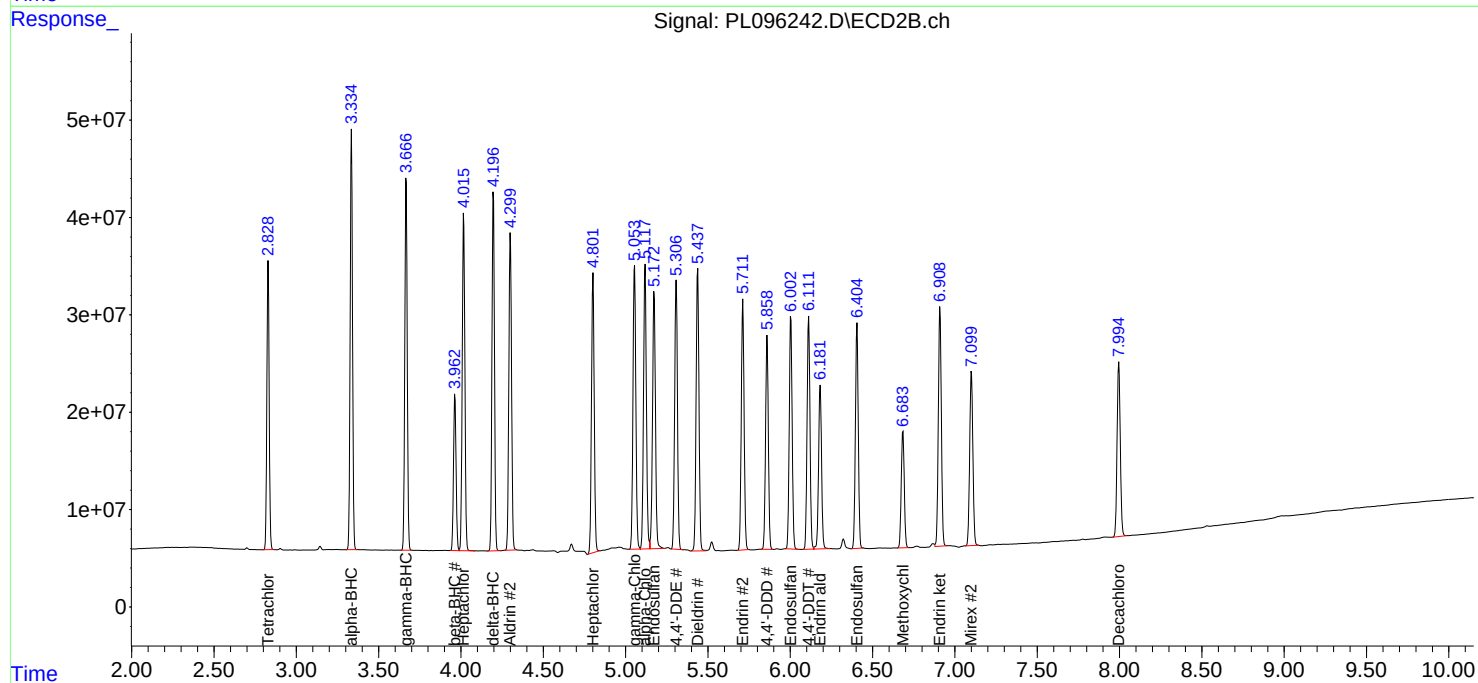
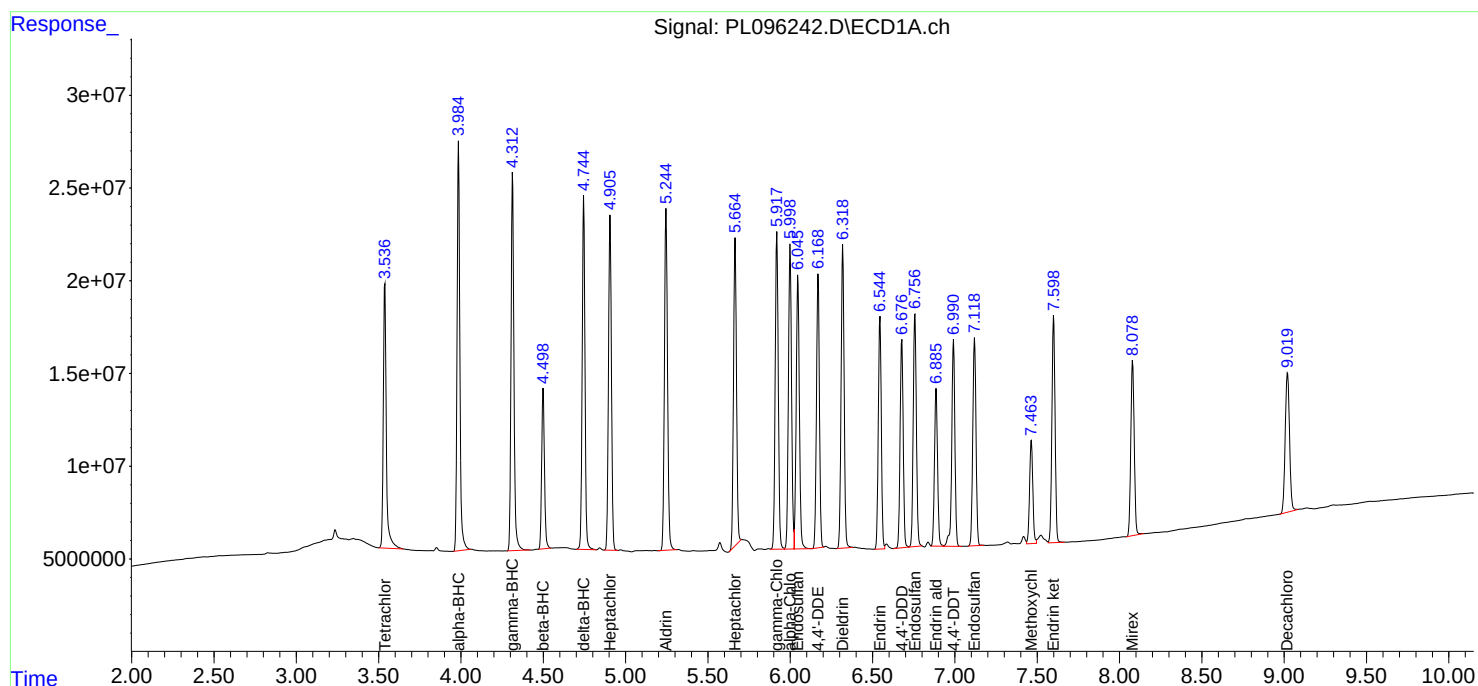
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:22
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: Jul 07 13:50:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 11:36
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:57:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	91131135	145.0E6	25.245	25.362
28)	SA Decachlor...	9.020	7.996	71001314	127.1E6	25.902	26.196
Target Compounds							
2)	A alpha-BHC	3.985	3.335	124.9E6	209.0E6	23.704	24.437
3)	MA gamma-BHC...	4.313	3.667	121.8E6	196.4E6	24.252	24.753
4)	MA Heptachlor	4.905	4.017	112.0E6	191.7E6	24.741	25.225
5)	MB Aldrin	5.245	4.300	118.7E6	181.9E6	24.473	24.847
6)	B beta-BHC	4.499	3.964	51593189	86999189	25.201	25.864
7)	B delta-BHC	4.745	4.197	108.7E6	191.5E6	23.913	24.613
8)	B Heptachlo...	5.665	4.802	104.3E6	168.1E6	24.584	25.416
9)	A Endosulfan I	6.046	5.173	99024442	177.3E6	24.815	26.919
10)	B gamma-Chl...	5.919	5.054	109.4E6	174.8E6	24.768	24.989
11)	B alpha-Chl...	5.999	5.119	108.7E6	184.0E6	24.999	25.915
12)	B 4,4'-DDE	6.169	5.307	89563798	160.3E6	24.087	24.561
13)	MA Dieldrin	6.319	5.438	103.8E6	170.6E6	24.502	24.937
14)	MA Endrin	6.545	5.712	75881870	152.6E6	24.162	25.028
15)	B Endosulfa...	6.757	6.003	85668436	147.4E6	25.329	25.399m
16)	A 4,4'-DDD	6.677	5.859	71650668	132.2E6	24.600	25.187
17)	MA 4,4'-DDT	6.992	6.113	74288680	143.0E6	24.465	24.753
18)	B Endrin al...	6.886	6.182	55834732	113.1E6	25.291	26.639
19)	B Endosulfa...	7.119	6.406	75807591	141.9E6	24.844	25.508
20)	A Methoxychlor	7.464	6.684	39522332	77835403	25.770	25.981
21)	B Endrin ke...	7.599	6.909	82764438	158.8E6	25.035	25.653
22)	Mirex	8.079	7.101	70613541	126.1E6	25.849	26.192

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:36
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

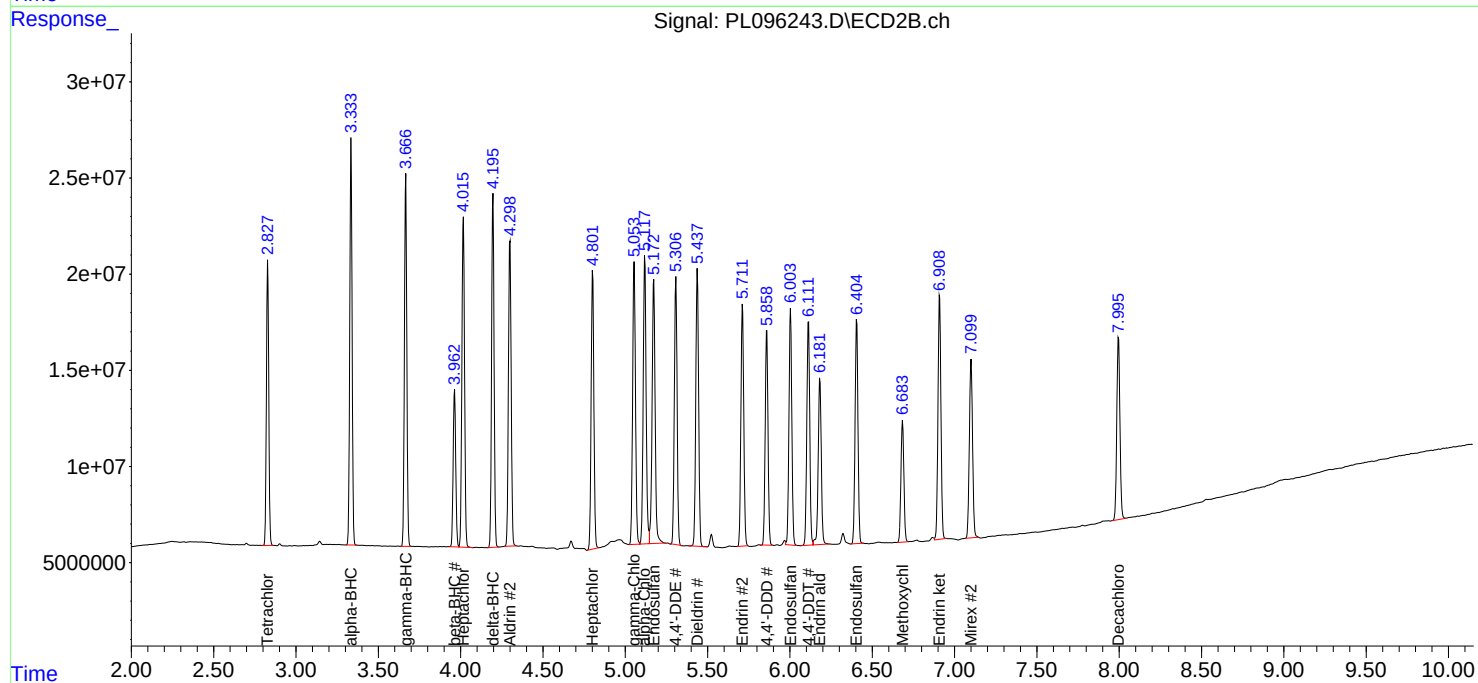
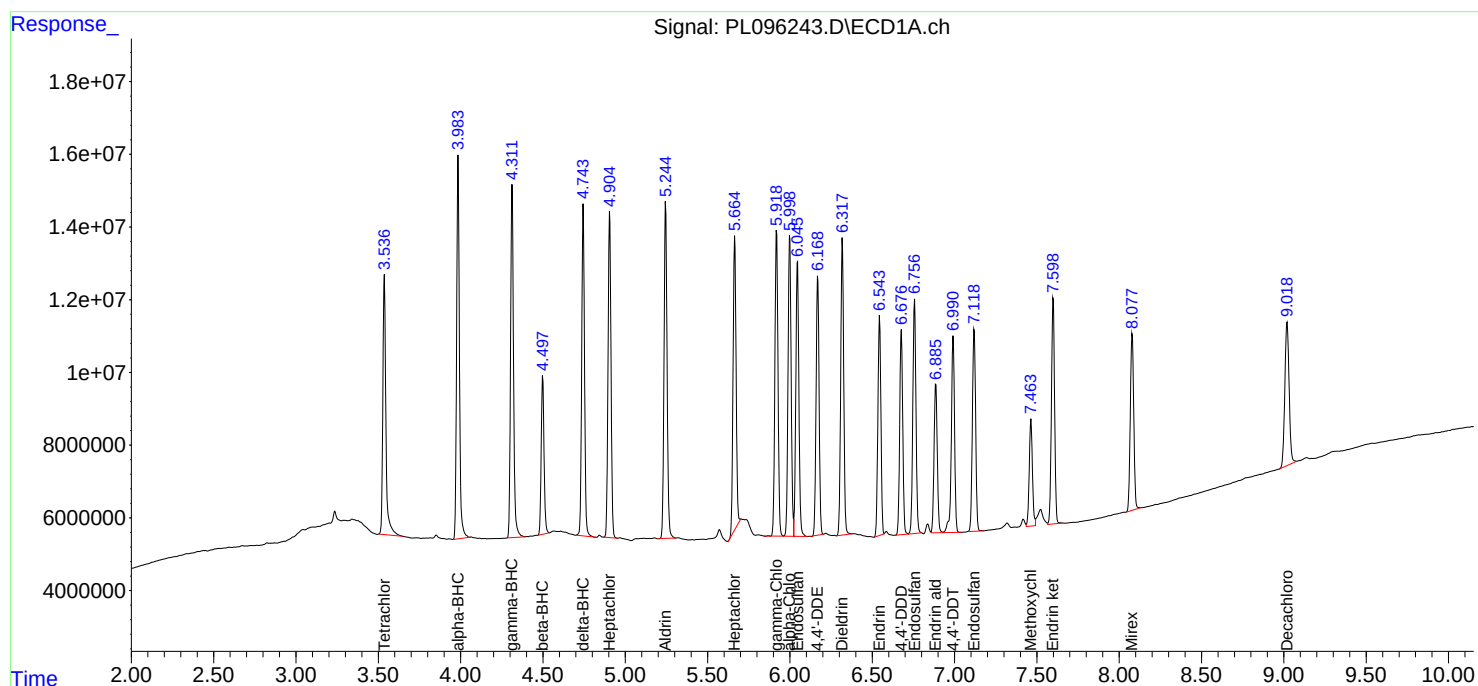
APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:57:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 11:49
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 14:00:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.828	19025537	29948633	5.214	5.189
28) SA Decachlor...	9.020	7.997	15503442	27603399	5.511	5.536
Target Compounds						
2) A alpha-BHC	3.984	3.334	23234160	39797350	4.518	4.718
3) MA gamma-BHC...	4.313	3.667	24037524	38230859	4.827	4.854
4) MA Heptachlor	4.905	4.016	24009255	38216999	5.241	5.023
5) MB Aldrin	5.246	4.299	23850765	35971559	4.934	4.931
6) B beta-BHC	4.499	3.963	11025016	18322787	5.304	5.351
7) B delta-BHC	4.745	4.196	21146545	36946663	4.719	4.797
8) B Heptachlo...	5.665	4.800	18852553	34843882	4.544	5.204m
9) A Endosulfan I	6.047	5.172	21120955	47626389	5.232	6.492m
10) B gamma-Chl...	5.919	5.054	22271617	35604780	5.033	5.072
11) B alpha-Chl...	6.000	5.119	22538956	45965555	5.147	6.112
12) B 4,4'-DDE	6.170	5.306	18320455	31070174	4.941	4.817m
13) MA Dieldrin	6.319	5.436	20962161	33636509	4.957	4.897m
14) MA Endrin	6.545	5.711	14943290	30446035	4.805	5.000m
15) B Endosulfa...	6.757	6.003	19106695	30567103	5.506	5.221m
16) A 4,4'-DDD	6.677	5.859	14539958	23257862	4.994	4.535
17) MA 4,4'-DDT	6.992	6.113	15148387	27808893	4.991	4.849
18) B Endrin al...	6.886	6.181	11735349	26462538	5.249	5.937m
19) B Endosulfa...	7.120	6.406	15445201	29371565	5.049	5.222
20) A Methoxychlor	7.465	6.685	8712032	16026571	5.530	5.276
21) B Endrin ke...	7.599	6.909	16421079	32509263	4.974	5.202m
22) Mirex	8.079	7.101	14920931	27895605	5.363	5.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:49
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

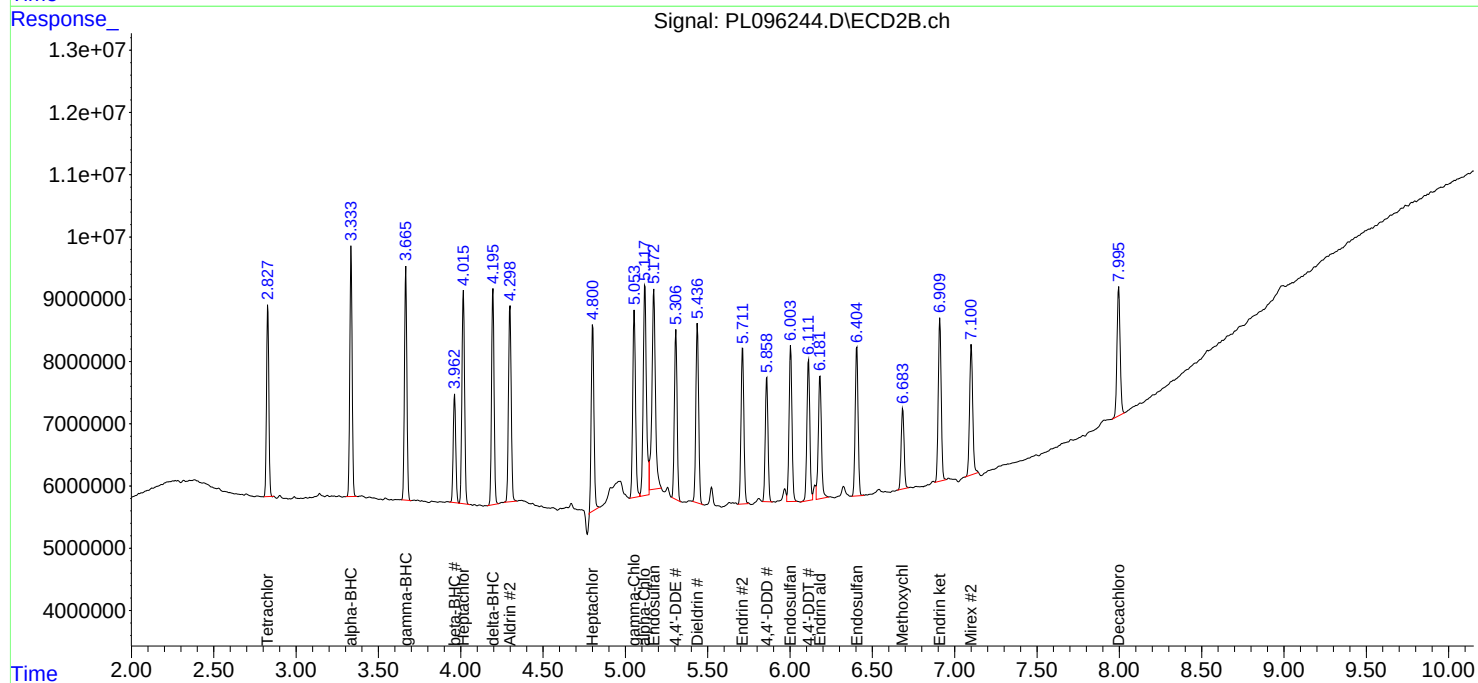
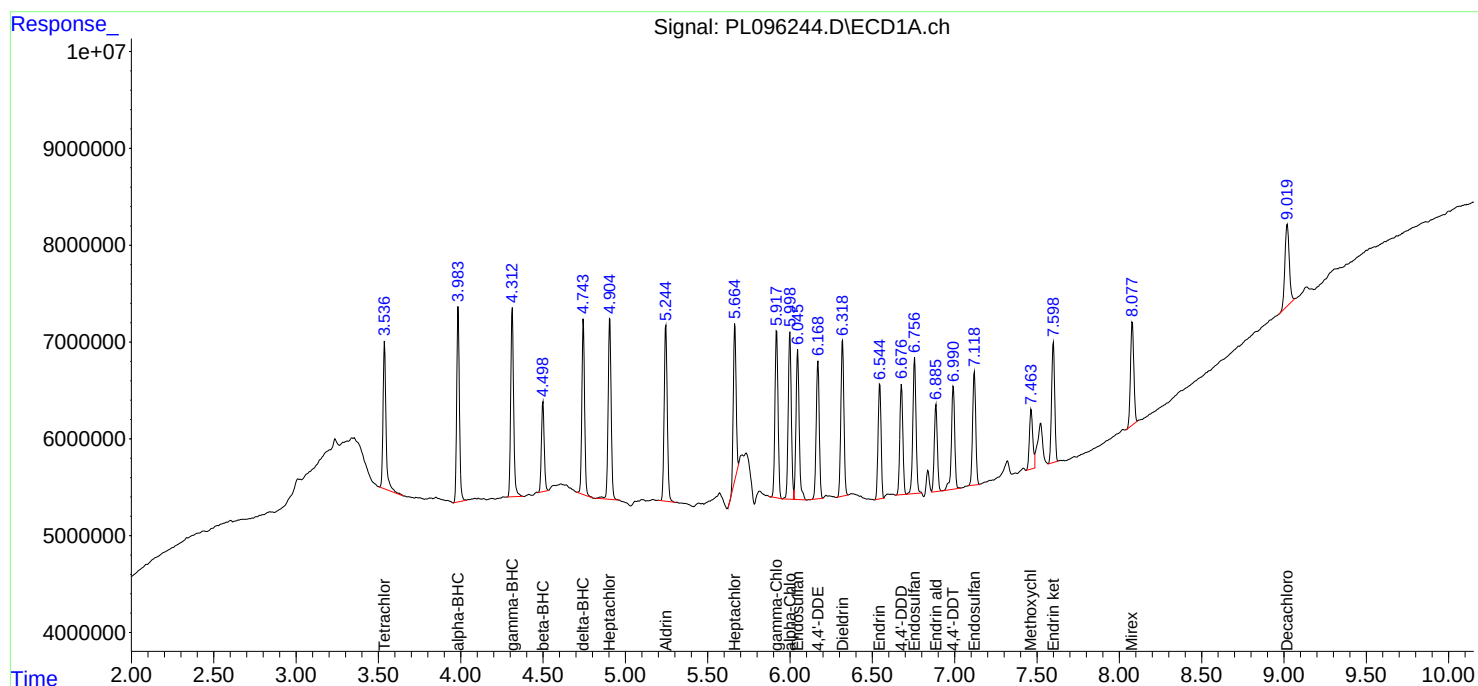
APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:00:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 12:30
 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: Jul 07 14:08:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 14:08:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	171.6E6	355.1E6	50.000	50.000
28)	SA Decachlor...	9.019	7.996	132.7E6	239.1E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.693	3.841	88704924	117.7E6	500.000	500.000
24)	Chlordane-2	5.217	4.420	95284319	136.1E6	500.000	500.000
25)	Chlordane-3	5.920	5.055	369.2E6	398.6E6	500.000	500.000
26)	Chlordane-4	6.004	5.118	448.0E6	362.9E6	500.000	500.000
27)	Chlordane-5	6.841	6.013	71924209	141.5E6	500.000	500.000

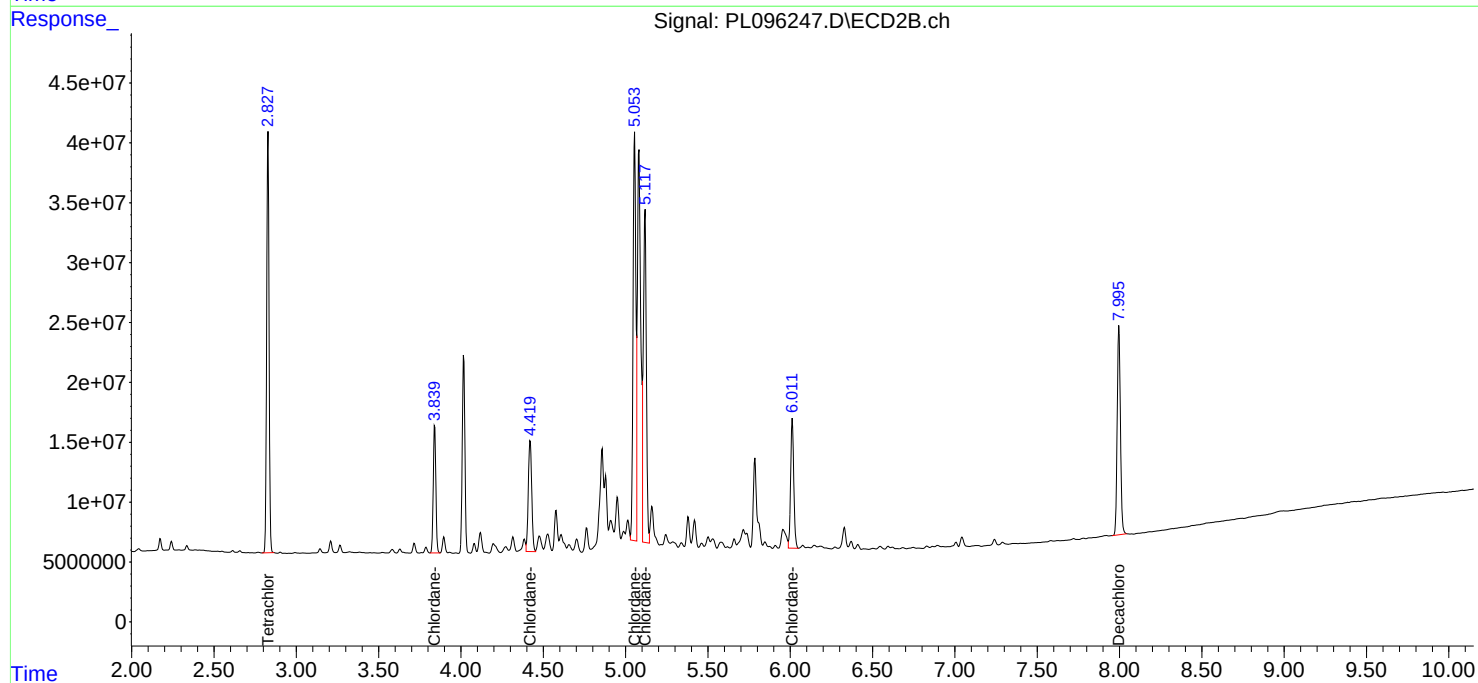
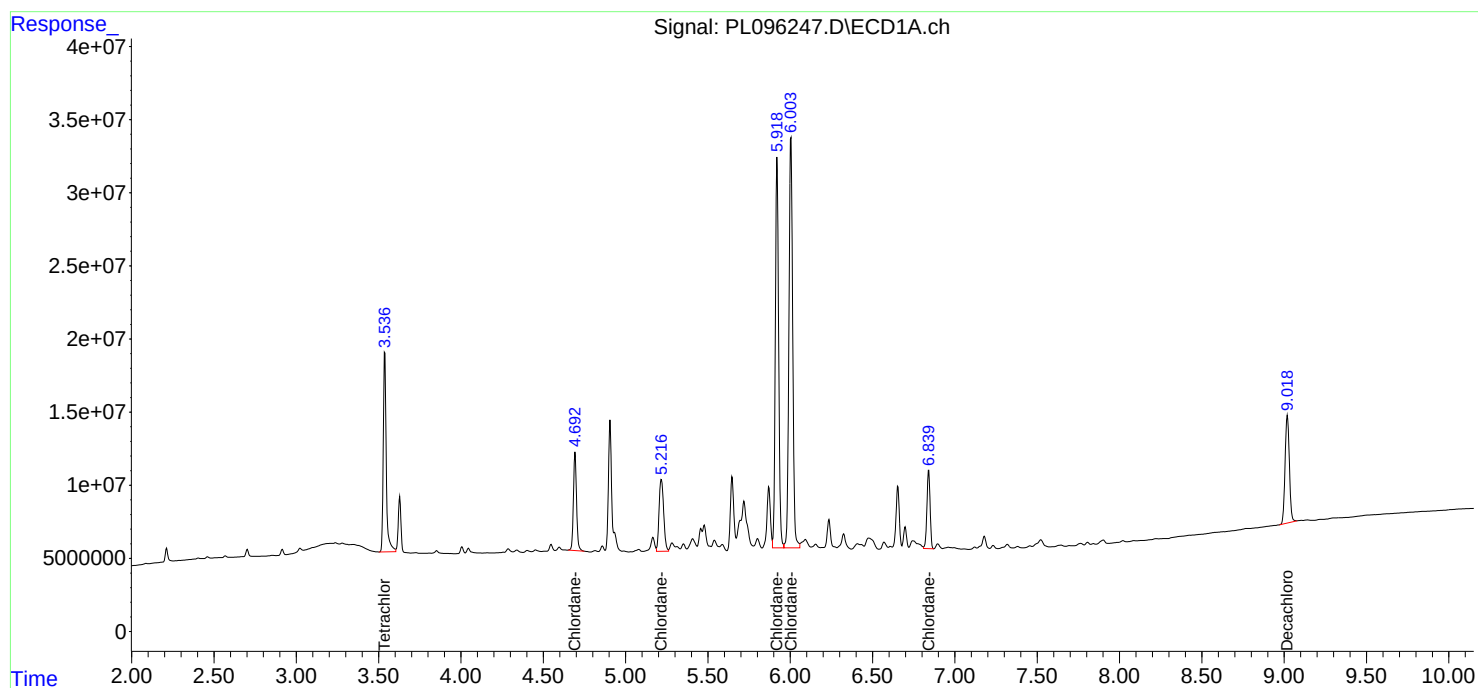
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 12:30
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: Jul 07 14:08:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:08:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 13:39
 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: Jul 07 14:57:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 14:57:35 2025
 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...	3.538	2.829	188.7E6	298.9E6	50.000	50.000
7) SA Decachlor...	9.020	7.997	144.9E6	263.3E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.215	5.077	15012733	18353677	500.000	500.000
3) Toxaphene-2	6.614	5.763	13059638	25924116	500.000	500.000
4) Toxaphene-3	7.027	6.043	60047575	25708745	500.000	500.000
5) Toxaphene-4	7.117	6.678	42985480	83206906	500.000	500.000
6) Toxaphene-5	7.896	7.118	30902169	50709284	500.000	500.000

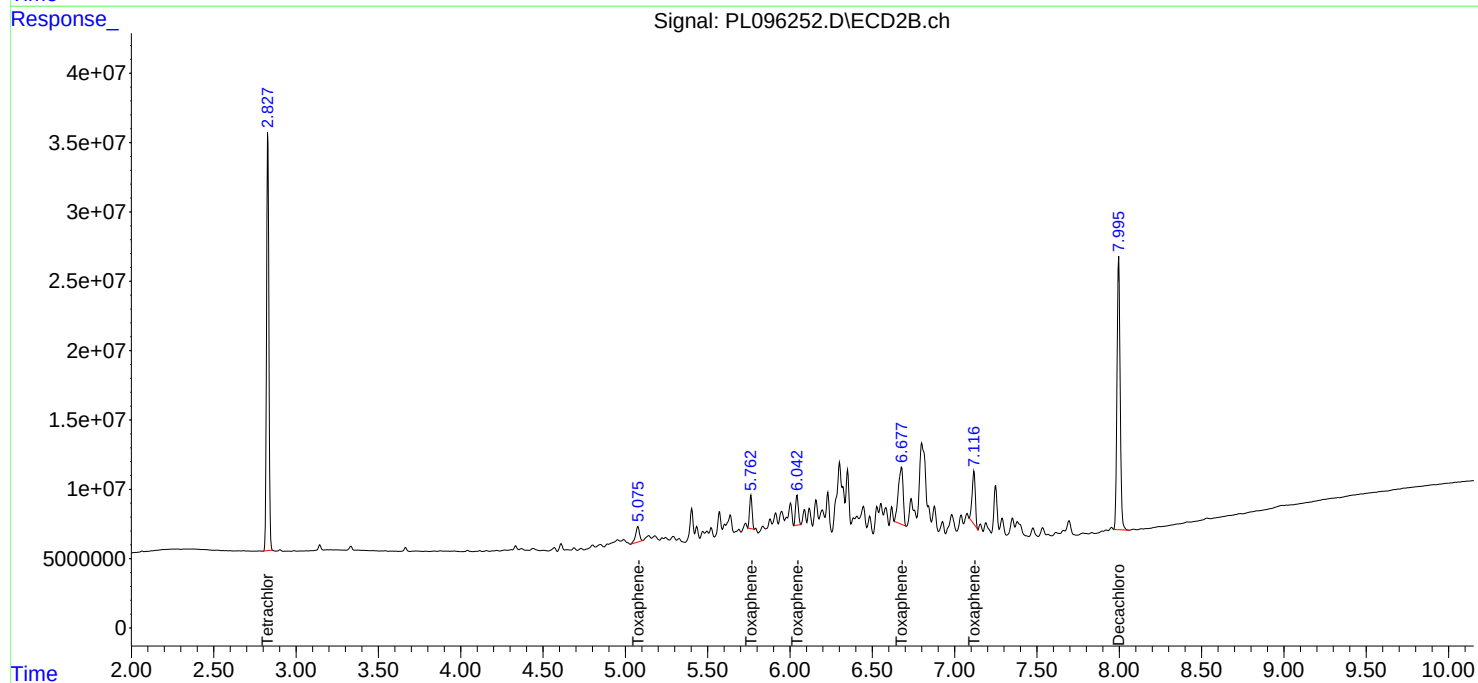
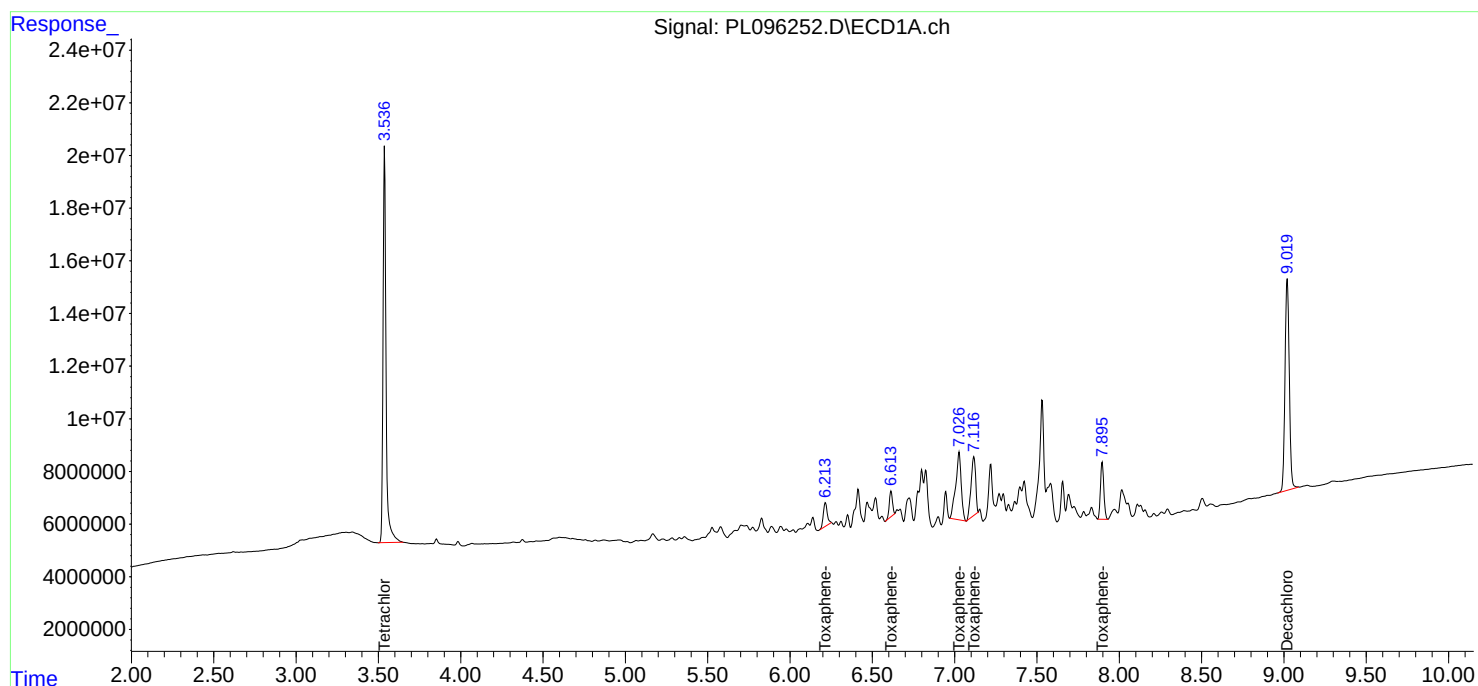
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 13:39
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: Jul 07 14:57:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:57:35 2025
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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 14:19
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL070725

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/08/2025
 Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:23:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	186.5E6	292.8E6	51.121	50.727
28)	SA Decachlor...	9.022	7.997	140.6E6	252.5E6	49.997	50.646
Target Compounds							
2)	A alpha-BHC	3.985	3.335	267.9E6	439.5E6	52.090	52.104
3)	MA gamma-BHC...	4.314	3.668	258.2E6	407.2E6	51.852	51.705
4)	MA Heptachlor	4.906	4.017	239.3E6	393.6E6	52.226	51.743
5)	MB Aldrin	5.245	4.300	247.3E6	377.0E6	51.152m	51.670
6)	B beta-BHC	4.500	3.964	105.6E6	173.3E6	50.792	50.626
7)	B delta-BHC	4.746	4.197	234.7E6	398.9E6	52.366	51.789
8)	B Heptachlo...	5.664	4.802	220.5E6	343.2E6	53.133m	51.344
9)	A Endosulfan I	6.047	5.174	205.2E6	331.1E6	50.831	46.148
10)	B gamma-Chl...	5.919	5.055	225.5E6	357.7E6	50.971	50.960
11)	B alpha-Chl...	6.000	5.119	222.4E6	359.0E6	50.784	47.738
12)	B 4,4'-DDE	6.170	5.308	190.6E6	334.4E6	51.411	51.739
13)	MA Dieldrin	6.320	5.438	215.9E6	351.2E6	51.070	51.494
14)	MA Endrin	6.546	5.713	165.8E6	314.2E6	53.309	51.541
15)	B Endosulfa...	6.758	6.005	180.6E6	300.7E6	52.046	51.281
16)	A 4,4'-DDD	6.679	5.860	150.5E6	262.9E6	51.690	51.256
17)	MA 4,4'-DDT	6.993	6.113	158.7E6	297.6E6	52.301	51.897
18)	B Endrin al...	6.887	6.183	122.0E6	220.2E6	54.555	49.434
19)	B Endosulfa...	7.120	6.406	156.8E6	287.8E6	51.259	51.179
20)	A Methoxychlor	7.465	6.685	80931127	156.5E6	51.372	51.507
21)	B Endrin ke...	7.600	6.911	170.6E6	319.2E6	51.674	51.060
22)	Mirex	8.080	7.102	139.8E6	249.2E6	50.233	50.167

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:19
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

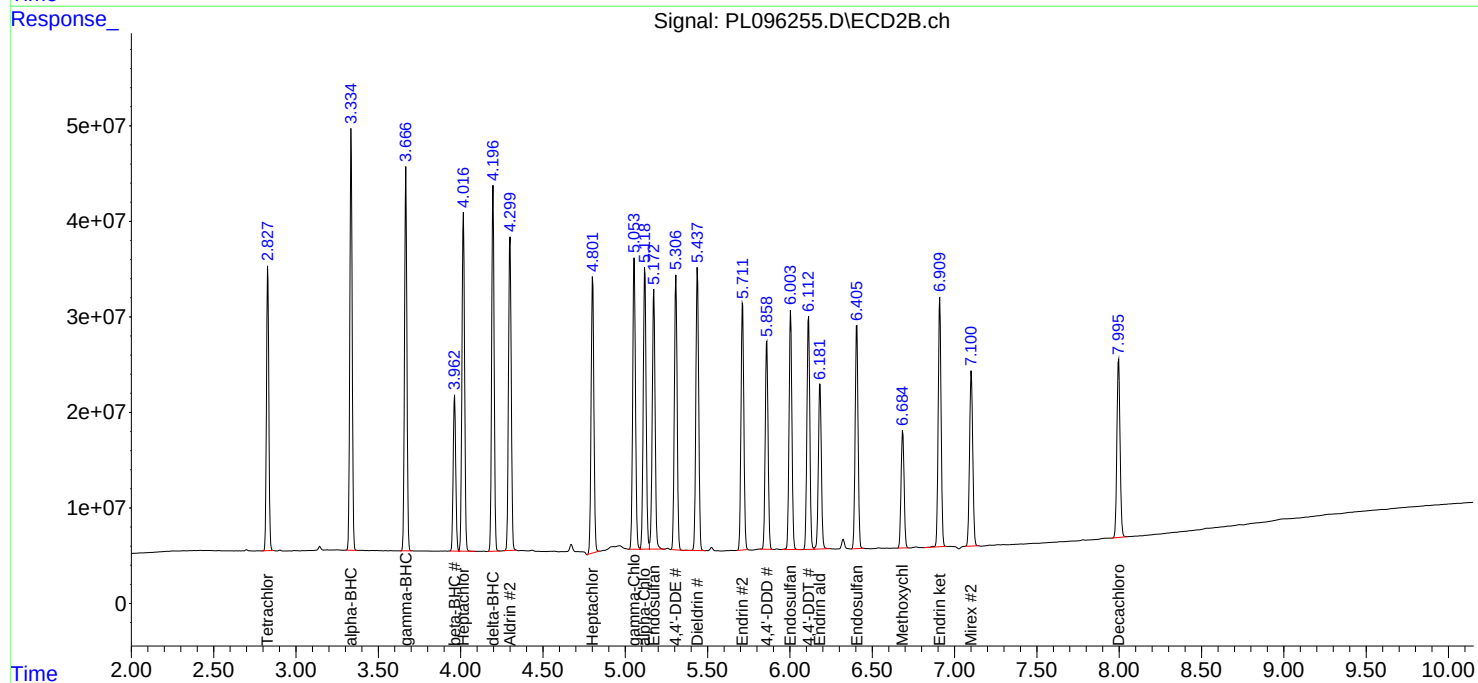
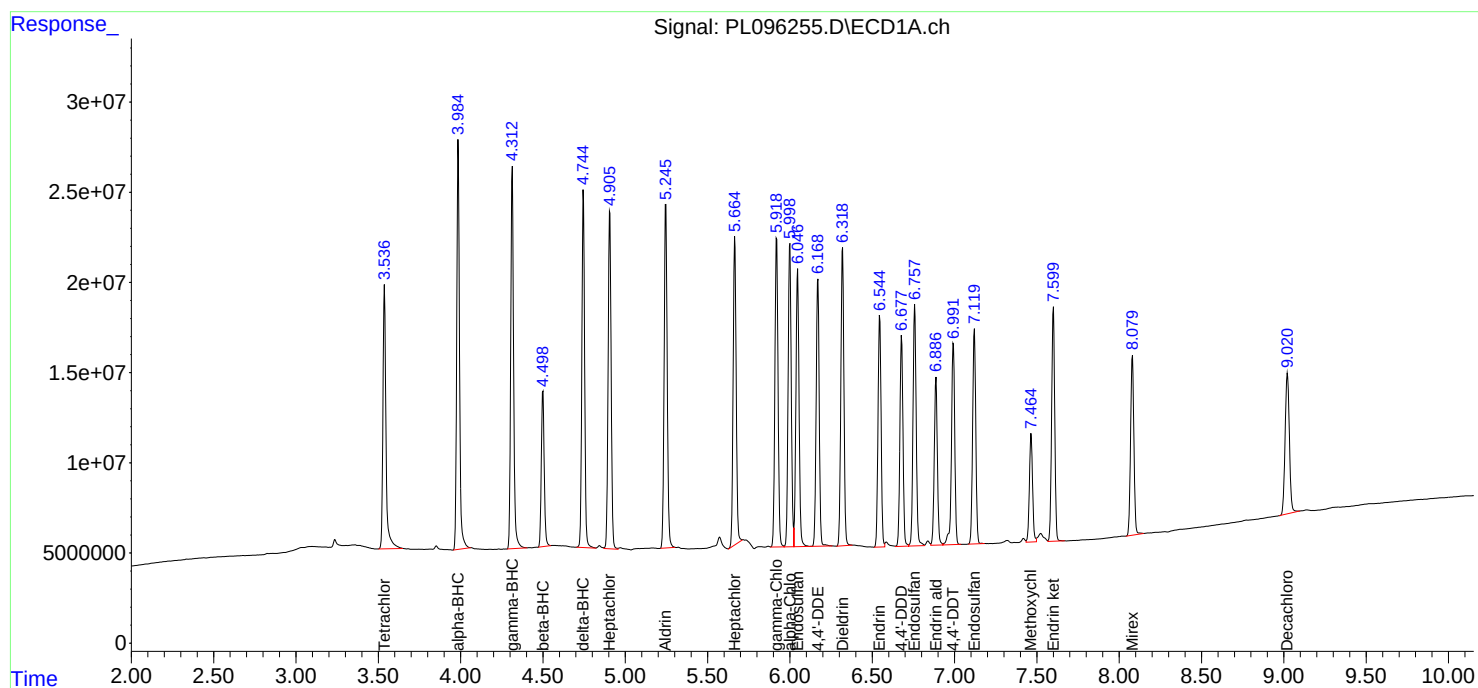
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:23:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 14:33
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL070725

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 14:49:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 14:49:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	175.5E6	356.0E6	50.385	50.184
28)	SA Decachlor...	9.020	7.996	132.8E6	244.6E6	44.672	47.568
Target Compounds							
23)	Chlordane-1	4.691	3.841	89634627	118.6E6	499.813m	501.718
24)	Chlordane-2	5.216	4.420	97490875	136.9E6	497.961	497.991
25)	Chlordane-3	5.920	5.054	374.3E6	402.4E6	507.981	500.221
26)	Chlordane-4	6.005	5.118	453.1E6	361.6E6	504.966	481.217
27)	Chlordane-5	6.841	6.013	72507096	142.2E6	480.381	501.557

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:33
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

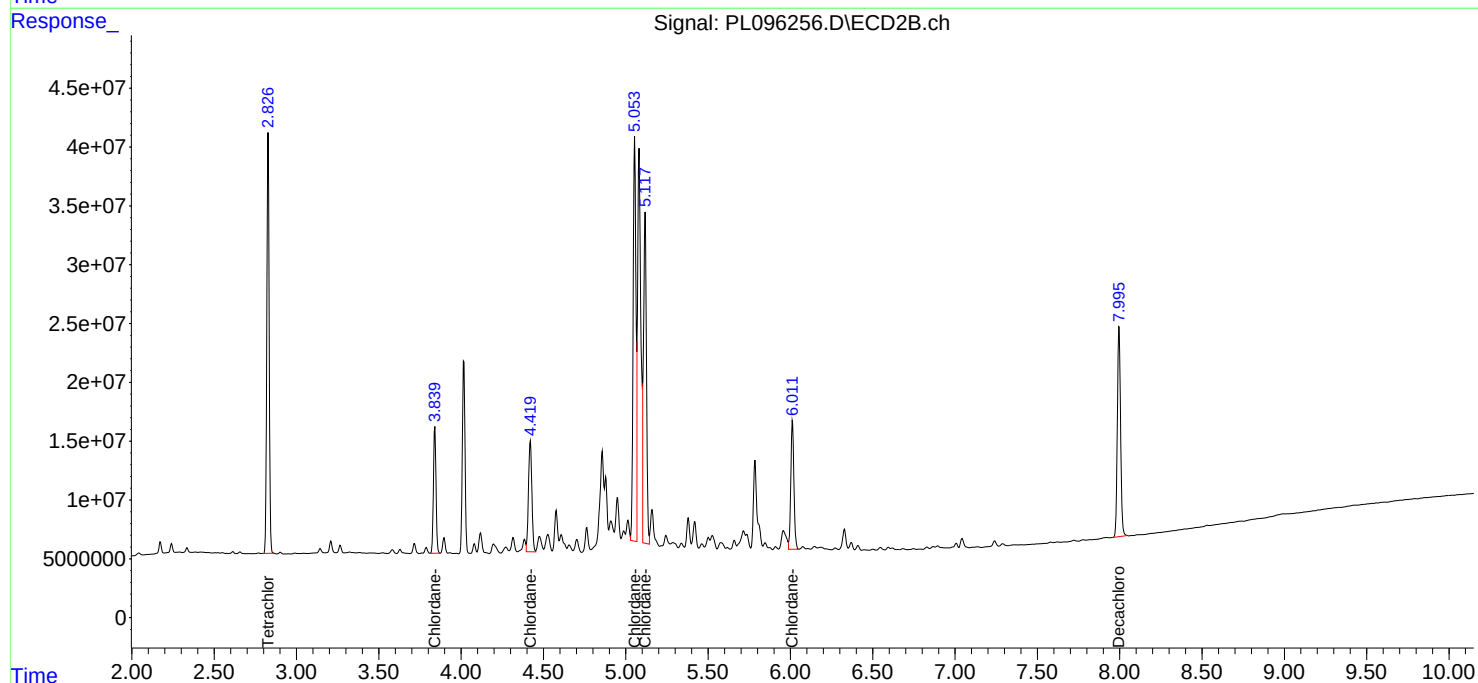
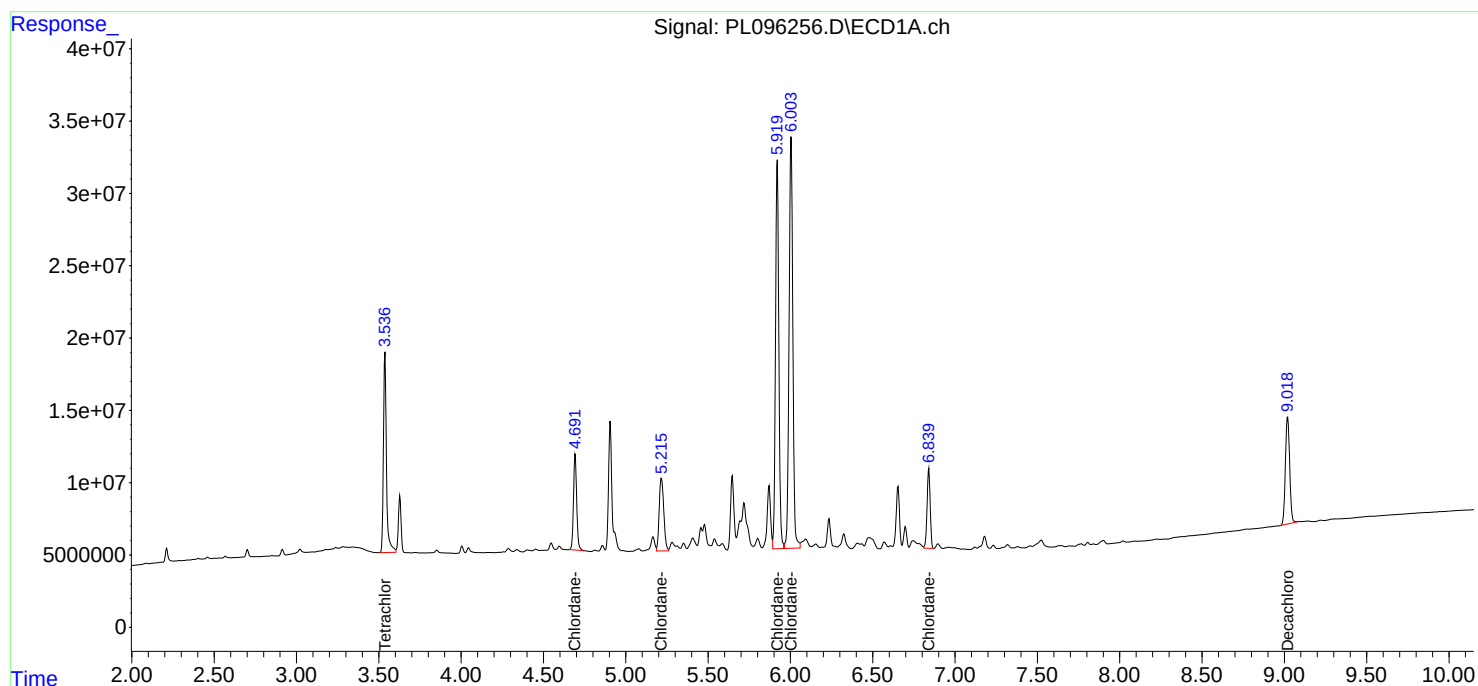
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:49:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:49:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 14:47
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL070725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:06:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:04:17 2025
 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...	3.537	2.829	190.0E6	297.8E6	49.637	49.308
7)	SA Decachlor...	9.020	7.996	143.5E6	264.2E6	47.793	48.598
Target Compounds							
2)	Toxaphene-1	6.214	5.076	14908027	19002844	468.749	518.590
3)	Toxaphene-2	6.613	5.763	13480312	25791307	490.338	499.777
4)	Toxaphene-3	7.027	6.042	61048763	26083355	499.748	494.140
5)	Toxaphene-4	7.118	6.678	43785631	83941933	495.261	506.994
6)	Toxaphene-5	7.896	7.117	31207180	51731048	500.409	496.894

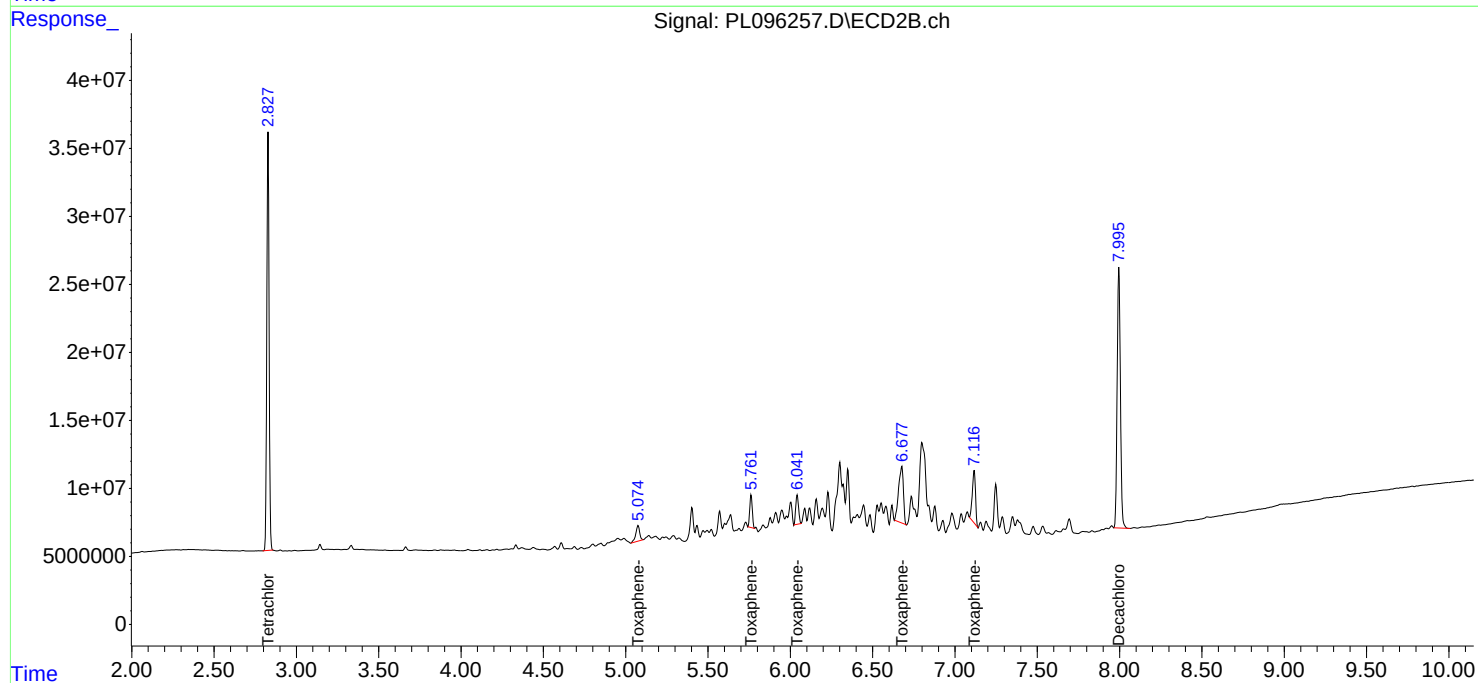
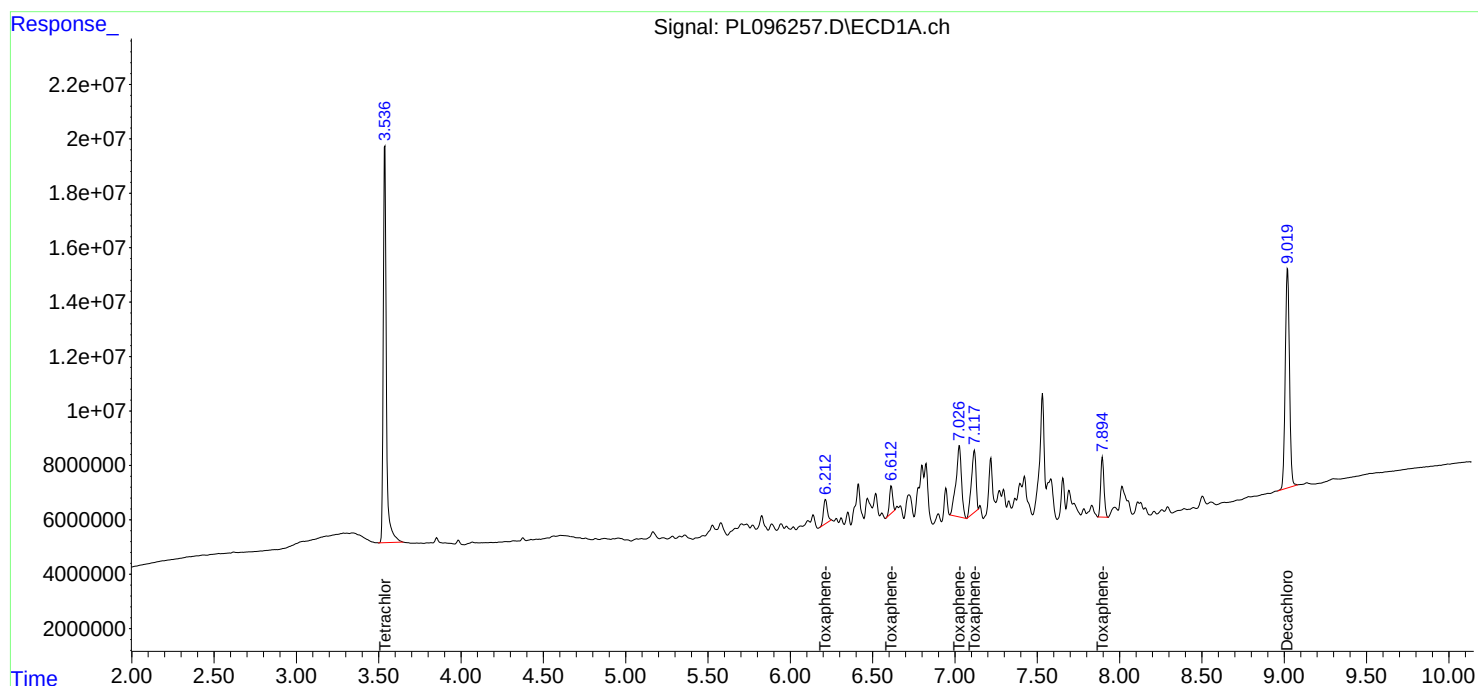
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:06:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:04:17 2025
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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/07/2025

Continuing Calib Time: 13:31

Initial Calibration Time(s): 10:53

11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.55	6.55	6.45	6.65	0.00
Methoxychlor	7.47	7.46	7.36	7.56	-0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025 07/07/2025

Continuing Calib Time: 13:31

Initial Calibration Time(s): 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.00	8.00	7.90	8.10	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.69	6.68	6.58	6.78	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096303.D **Time Analyzed:** 13:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.020	8.920	9.120	51.180	50.000	2.4
Endrin	6.545	6.445	6.645	52.470	50.000	4.9
gamma-BHC (Lindane)	4.314	4.213	4.413	53.480	50.000	7.0
Heptachlor	4.906	4.806	5.006	54.520	50.000	9.0
Heptachlor epoxide	5.664	5.565	5.765	55.460	50.000	10.9
Methoxychlor	7.465	7.364	7.564	51.170	50.000	2.3
Tetrachloro-m-xylene	3.537	3.438	3.638	52.270	50.000	4.5



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096303.D **Time Analyzed:** 13:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.996	7.896	8.096	47.340	50.000	-5.3
Endrin	5.712	5.612	5.812	45.720	50.000	-8.6
gamma-BHC (Lindane)	3.667	3.567	3.767	48.250	50.000	-3.5
Heptachlor	4.016	3.917	4.117	47.500	50.000	-5.0
Heptachlor epoxide	4.802	4.702	4.902	47.140	50.000	-5.7
Methoxychlor	6.685	6.584	6.784	45.450	50.000	-9.1
Tetrachloro-m-xylene	2.828	2.729	2.929	47.780	50.000	-4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 13:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:00:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	190.7E6	275.7E6	52.273	47.777
28)	SA Decachlor...	9.020	7.996	144.0E6	236.1E6	51.176	47.339
Target Compounds							
2)	A alpha-BHC	3.985	3.335	276.4E6	409.0E6	53.746	48.489
3)	MA gamma-BHC...	4.314	3.667	266.3E6	380.0E6	53.477	48.252
4)	MA Heptachlor	4.906	4.016	249.8E6	361.3E6	54.519	47.497
5)	MB Aldrin	5.246	4.300	254.3E6	351.2E6	52.614	48.144
6)	B beta-BHC	4.499	3.963	110.7E6	163.1E6	53.239	47.632
7)	B delta-BHC	4.745	4.196	241.5E6	371.1E6	53.879	48.188
8)	B Heptachlo...	5.664	4.802	230.1E6	315.1E6	55.463m	47.135
9)	A Endosulfan I	6.047	5.173	210.8E6	296.5E6	52.224	41.333
10)	B gamma-Chl...	5.919	5.054	232.9E6	333.0E6	52.642	47.443
11)	B alpha-Chl...	6.000	5.119	229.1E6	328.0E6	52.314	43.617
12)	B 4,4'-DDE	6.169	5.307	192.4E6	310.1E6	51.885	47.970
13)	MA Dieldrin	6.319	5.438	221.4E6	326.2E6	52.364	47.840
14)	MA Endrin	6.545	5.712	163.2E6	278.7E6	52.465	45.721
15)	B Endosulfa...	6.758	6.004	189.2E6	279.5E6	54.527	47.667
16)	A 4,4'-DDD	6.678	5.860	157.9E6	263.4E6	54.240	51.364
17)	MA 4,4'-DDT	6.993	6.113	160.2E6	261.2E6	52.793	45.543
18)	B Endrin al...	6.886	6.183	133.3E6	210.4E6	59.633	47.242
19)	B Endosulfa...	7.120	6.406	163.9E6	267.5E6	53.593	47.561
20)	A Methoxychlor	7.465	6.685	80606070	138.1E6	51.166	45.451
21)	B Endrin ke...	7.600	6.910	177.3E6	307.2E6	53.698	49.133
22)	Mirex	8.079	7.101	142.8E6	233.4E6	51.339	46.971

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 13:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

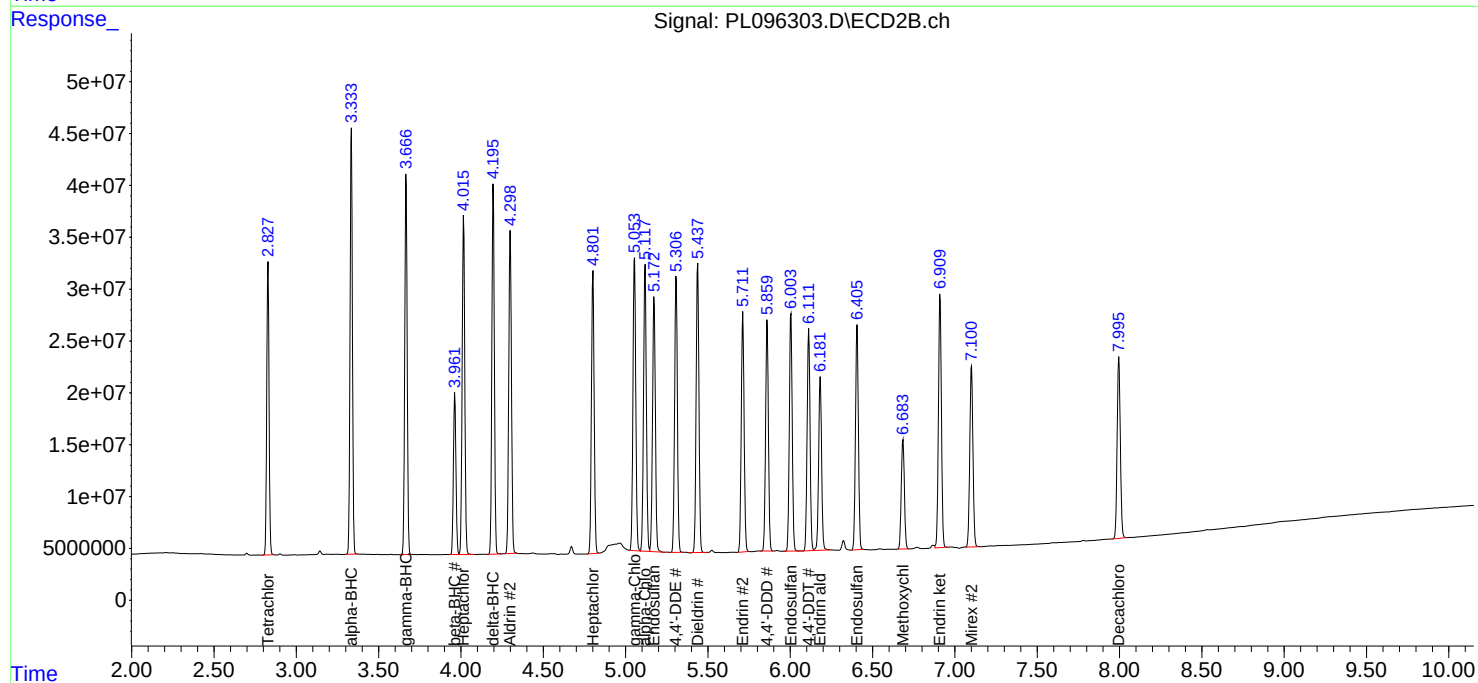
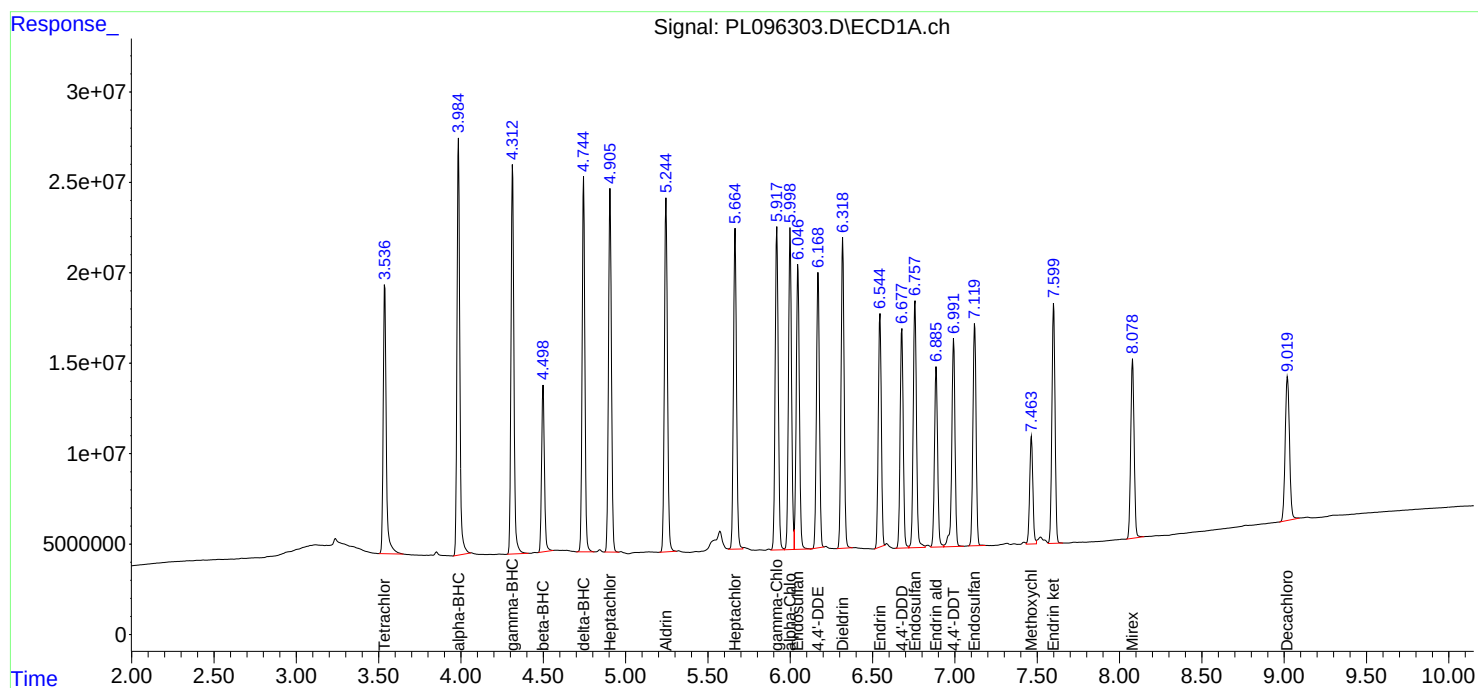
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:00:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/07/2025

Continuing Calib Time: 17:29

Initial Calibration Time(s): 10:53

11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025 07/07/2025

Continuing Calib Time: 17:29

Initial Calibration Time(s): 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.00	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.02	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096315.D **Time Analyzed:** 17:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.021	8.920	9.120	51.270	50.000	2.5
Endrin	6.544	6.445	6.645	52.770	50.000	5.5
gamma-BHC (Lindane)	4.312	4.213	4.413	53.440	50.000	6.9
Heptachlor	4.905	4.806	5.006	54.050	50.000	8.1
Heptachlor epoxide	5.664	5.565	5.765	57.290	50.000	14.6
Methoxychlor	7.464	7.364	7.564	48.930	50.000	-2.1
Tetrachloro-m-xylene	3.536	3.438	3.638	52.140	50.000	4.3



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096315.D **Time Analyzed:** 17:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.995	7.896	8.096	46.800	50.000	-6.4
Endrin	5.711	5.612	5.812	44.320	50.000	-11.4
gamma-BHC (Lindane)	3.665	3.567	3.767	47.450	50.000	-5.1
Heptachlor	4.015	3.917	4.117	46.770	50.000	-6.5
Heptachlor epoxide	4.800	4.702	4.902	46.680	50.000	-6.6
Methoxychlor	6.683	6.584	6.784	43.200	50.000	-13.6
Tetrachloro-m-xylene	2.827	2.729	2.929	46.870	50.000	-6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 17:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:03:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.827	190.3E6	270.5E6	52.139	46.867
28)	SA Decachlor...	9.021	7.995	144.2E6	233.4E6	51.273	46.799
Target Compounds							
2)	A alpha-BHC	3.984	3.333	275.3E6	402.9E6	53.528	47.768
3)	MA gamma-BHC...	4.312	3.665	266.1E6	373.7E6	53.444	47.449
4)	MA Heptachlor	4.905	4.015	247.6E6	355.8E6	54.045	46.770
5)	MB Aldrin	5.243	4.297	253.3E6	348.0E6	52.413m	47.705
6)	B beta-BHC	4.498	3.961	110.5E6	160.6E6	53.164	46.893
7)	B delta-BHC	4.744	4.194	243.3E6	366.1E6	54.297	47.537
8)	B Heptachlo...	5.664	4.800	237.7E6	312.1E6	57.293	46.681
9)	A Endosulfan I	6.046	5.171	210.3E6	291.9E6	52.091	40.684
10)	B gamma-Chl...	5.918	5.052	232.0E6	329.7E6	52.426	46.969
11)	B alpha-Chl...	5.999	5.116	228.3E6	323.9E6	52.144	43.071
12)	B 4,4'-DDE	6.168	5.305	191.9E6	305.1E6	51.759	47.202
13)	MA Dieldrin	6.318	5.436	220.5E6	321.6E6	52.148	47.167
14)	MA Endrin	6.544	5.711	164.1E6	270.2E6	52.769	44.324
15)	B Endosulfa...	6.757	6.003	189.7E6	275.0E6	54.663	46.901
16)	A 4,4'-DDD	6.677	5.858	161.7E6	263.6E6	55.527	51.400
17)	MA 4,4'-DDT	6.992	6.111	155.2E6	247.8E6	51.133	43.204
18)	B Endrin al...	6.885	6.181	132.4E6	205.5E6	59.244m	46.128
19)	B Endosulfa...	7.120	6.404	164.3E6	263.8E6	53.700	46.902
20)	A Methoxychlor	7.464	6.683	77090982	131.2E6	48.934	43.198
21)	B Endrin ke...	7.599	6.909	178.3E6	306.8E6	53.998	49.077
22)	Mirex	8.080	7.100	141.2E6	229.5E6	50.765	46.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

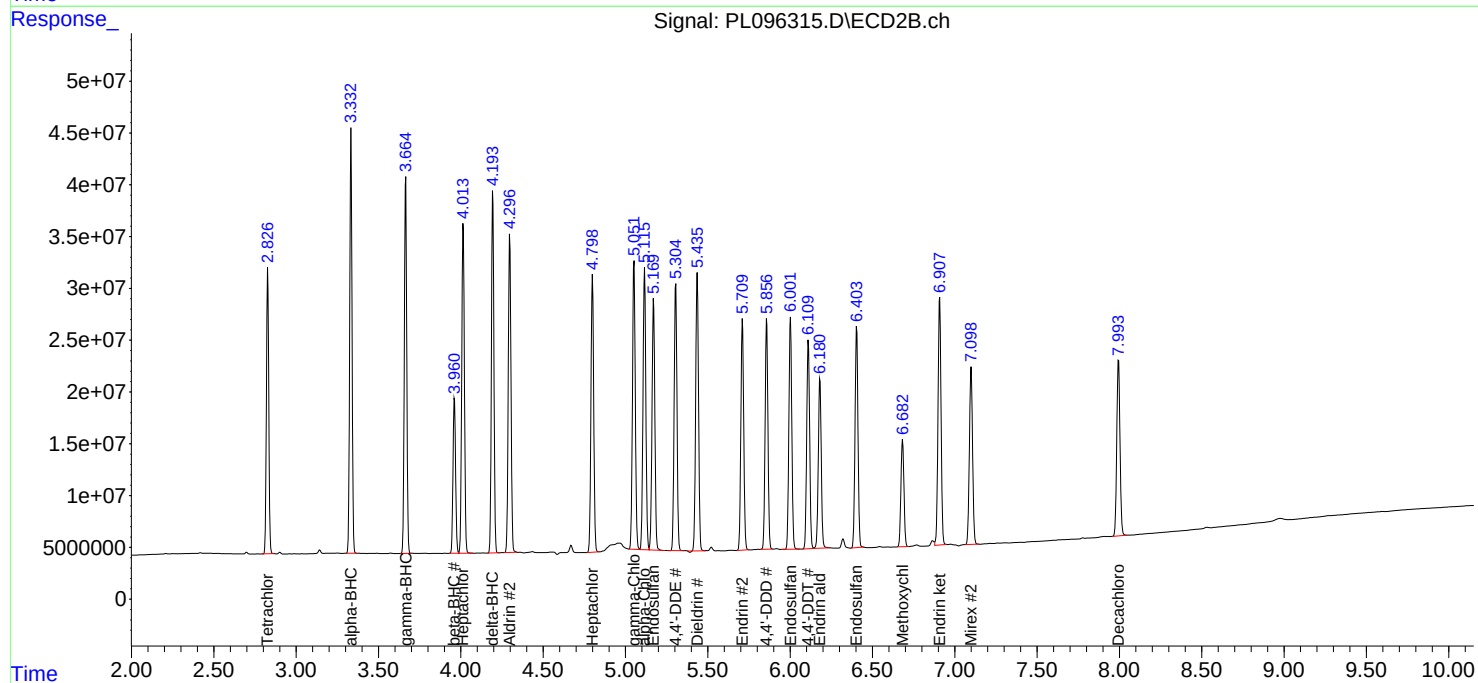
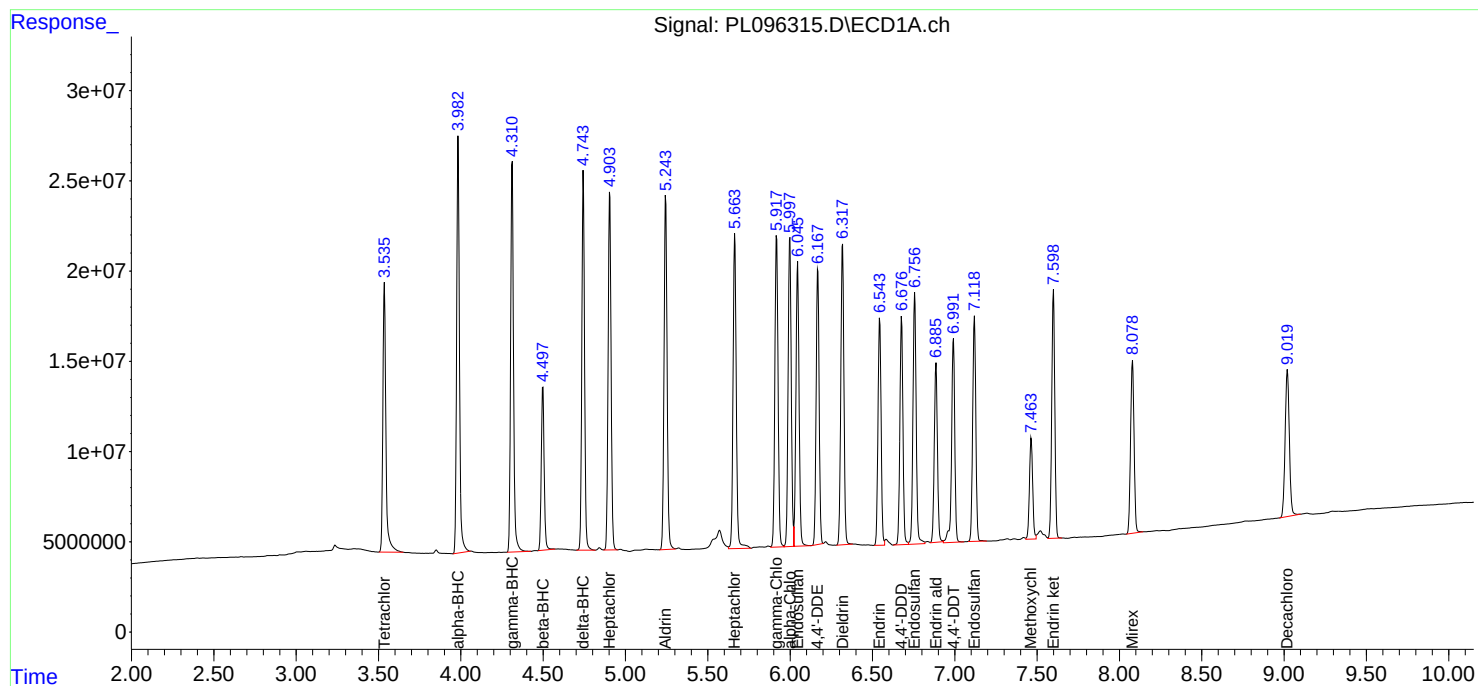
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/07/2025

Continuing Calib Time: 20:03

Initial Calibration Time(s): 10:53

11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.55	6.55	6.45	6.65	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025 07/07/2025

Continuing Calib Time: 20:03

Initial Calibration Time(s): 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.00	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096325.D **Time Analyzed:** 20:03

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.020	8.920	9.120	51.220	50.000	2.4
Endrin	6.546	6.445	6.645	52.750	50.000	5.5
gamma-BHC (Lindane)	4.314	4.213	4.413	53.550	50.000	7.1
Heptachlor	4.906	4.806	5.006	53.850	50.000	7.7
Heptachlor epoxide	5.664	5.565	5.765	55.380	50.000	10.8
Methoxychlor	7.464	7.364	7.564	48.990	50.000	-2.0
Tetrachloro-m-xylene	3.537	3.438	3.638	52.200	50.000	4.4



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **SDG NO.:** Q2489
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096325.D **Time Analyzed:** 20:03

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.995	7.896	8.096	46.100	50.000	-7.8
Endrin	5.711	5.612	5.812	43.130	50.000	-13.7
gamma-BHC (Lindane)	3.667	3.567	3.767	46.350	50.000	-7.3
Heptachlor	4.016	3.917	4.117	45.590	50.000	-8.8
Heptachlor epoxide	4.801	4.702	4.902	45.530	50.000	-8.9
Methoxychlor	6.684	6.584	6.784	41.670	50.000	-16.7
Tetrachloro-m-xylene	2.829	2.729	2.929	45.930	50.000	-8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 20:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 02:38:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	190.5E6	265.1E6	52.196	45.926
28)	SA Decachlor...	9.020	7.995	144.1E6	229.9E6	51.218	46.098
Target Compounds							
2)	A alpha-BHC	3.985	3.335	276.1E6	393.4E6	53.683	46.642
3)	MA gamma-BHC...	4.314	3.667	266.7E6	365.0E6	53.549	46.348
4)	MA Heptachlor	4.906	4.016	246.7E6	346.8E6	53.850	45.585
5)	MB Aldrin	5.246	4.299	254.4E6	339.1E6	52.628	46.478
6)	B beta-BHC	4.500	3.963	110.9E6	157.0E6	53.348	45.840
7)	B delta-BHC	4.746	4.196	243.3E6	355.7E6	54.297	46.185
8)	B Heptachlo...	5.664	4.801	229.8E6	304.4E6	55.379m	45.535
9)	A Endosulfan I	6.047	5.171	212.3E6	287.6E6	52.588	40.084m
10)	B gamma-Chl...	5.919	5.053	236.3E6	321.3E6	53.406	45.778
11)	B alpha-Chl...	6.000	5.117	230.8E6	316.0E6	52.701	42.026
12)	B 4,4'-DDE	6.169	5.306	192.6E6	296.7E6	51.942	45.901
13)	MA Dieldrin	6.319	5.436	221.8E6	317.2E6	52.447	46.522m
14)	MA Endrin	6.546	5.711	164.1E6	262.9E6	52.751	43.127
15)	B Endosulfa...	6.756	6.003	185.7E6	268.6E6	53.517m	45.812
16)	A 4,4'-DDD	6.677	5.859	167.5E6	259.2E6	57.539	50.530
17)	MA 4,4'-DDT	6.991	6.111	152.9E6	236.8E6	50.372	41.289
18)	B Endrin al...	6.885	6.181	131.0E6	201.3E6	58.601m	45.191
19)	B Endosulfa...	7.120	6.405	163.9E6	258.5E6	53.590	45.960
20)	A Methoxychlor	7.464	6.684	77177043	126.6E6	48.989	41.674
21)	B Endrin ke...	7.599	6.909	179.4E6	306.6E6	54.341	49.042
22)	Mirex	8.079	7.100	142.2E6	226.4E6	51.118	45.571

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 20:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

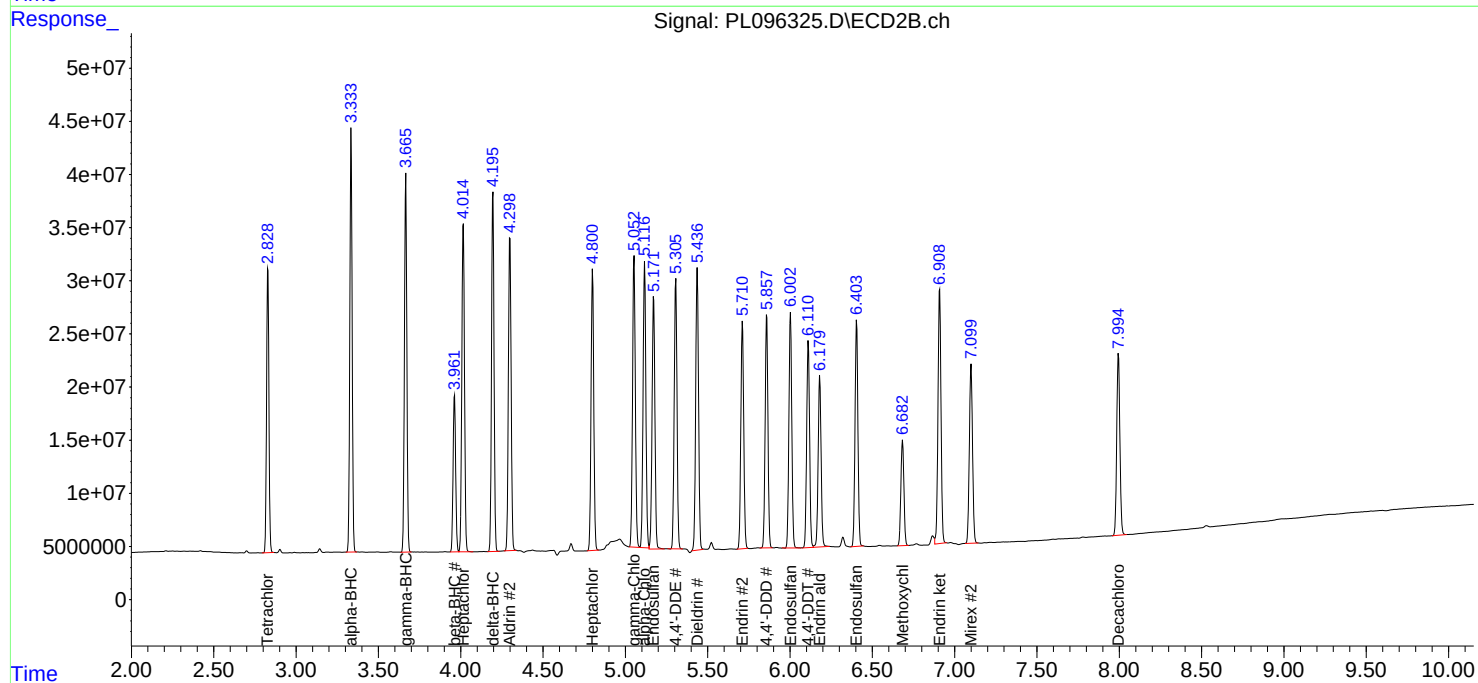
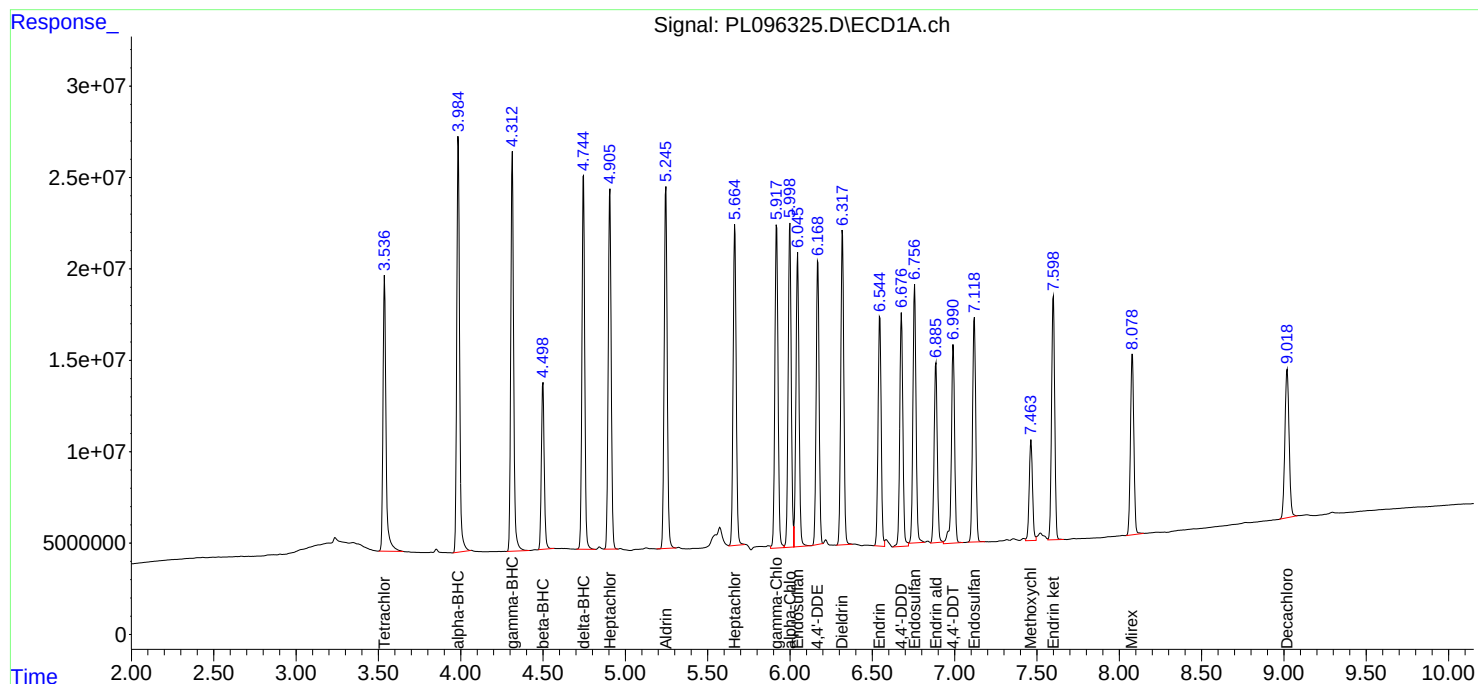
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:38:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.020	8.920	9.120	21.820	20.000	9.1
Tetrachloro-m-xylene	3.537	3.490	3.590	20.640	20.000	3.2
alpha-BHC	3.985	3.930	4.040	10.150	10.000	1.5
beta-BHC	4.500	4.450	4.550	10.650	10.000	6.5
gamma-BHC (Lindane)	4.313	4.260	4.360	10.640	10.000	6.4
Endrin	6.546	6.480	6.620	55.200	50.000	10.4
4,4'-DDT	6.992	6.920	7.060	106.050	100.000	6.1
Methoxychlor	7.465	7.390	7.540	251.880	250.000	0.8

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.996	7.900	8.100	21.970	20.000	9.9
Tetrachloro-m-xylene	2.829	2.780	2.880	21.010	20.000	5.1
alpha-BHC	3.335	3.280	3.390	10.410	10.000	4.1
beta-BHC	3.963	3.910	4.010	10.960	10.000	9.6
gamma-BHC (Lindane)	3.667	3.620	3.720	10.560	10.000	5.6
Endrin	5.713	5.640	5.780	55.380	50.000	10.8
4,4'-DDT	6.113	6.040	6.180	113.720	100.000	13.7
Methoxychlor	6.685	6.610	6.760	248.840	250.000	-0.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 10:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:27:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	75321177	121.3E6	20.642	21.009
28)	SA Decachlor...	9.020	7.996	61373713	109.6E6	21.817	21.972
Target Compounds							
2)	A alpha-BHC	3.985	3.335	52179910	87832663	10.146	10.414
3)	MA gamma-BHC...	4.313	3.667	52975484	83194325	10.638	10.563
6)	B beta-BHC	4.500	3.963	22129275	37541154	10.645	10.964
14)	MA Endrin	6.546	5.713	171.7E6	337.6E6	55.201	55.377
16)	A 4,4'-DDD	6.678	5.861	7831583	2512513	2.690m	0.490m#
17)	MA 4,4'-DDT	6.992	6.113	321.9E6	652.2E6	106.053	113.722
18)	B Endrin al...	6.888	6.184	3352024	4525238	1.499m	1.016m#
20)	A Methoxychlor	7.465	6.685	396.8E6	755.9E6	251.881	248.841
21)	B Endrin ke...	7.600	6.908	9355435	3472500	2.834	0.555m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

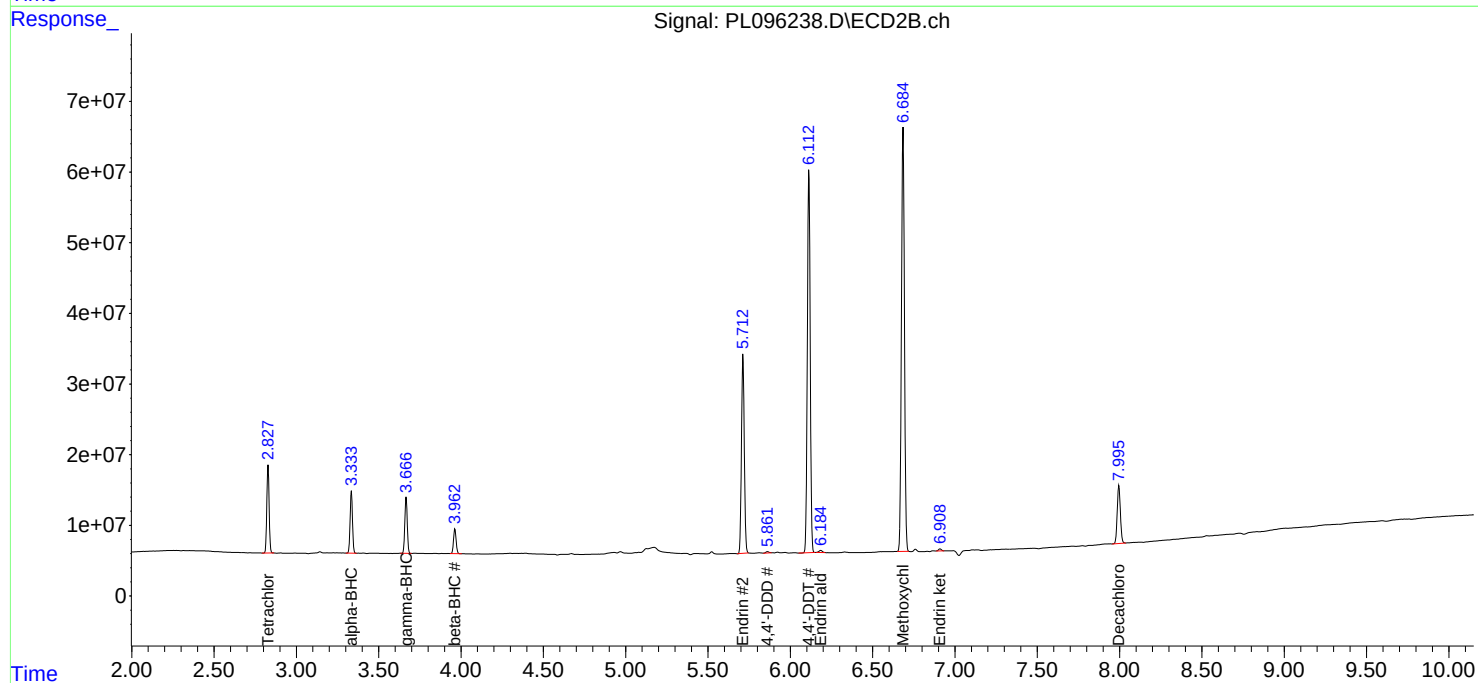
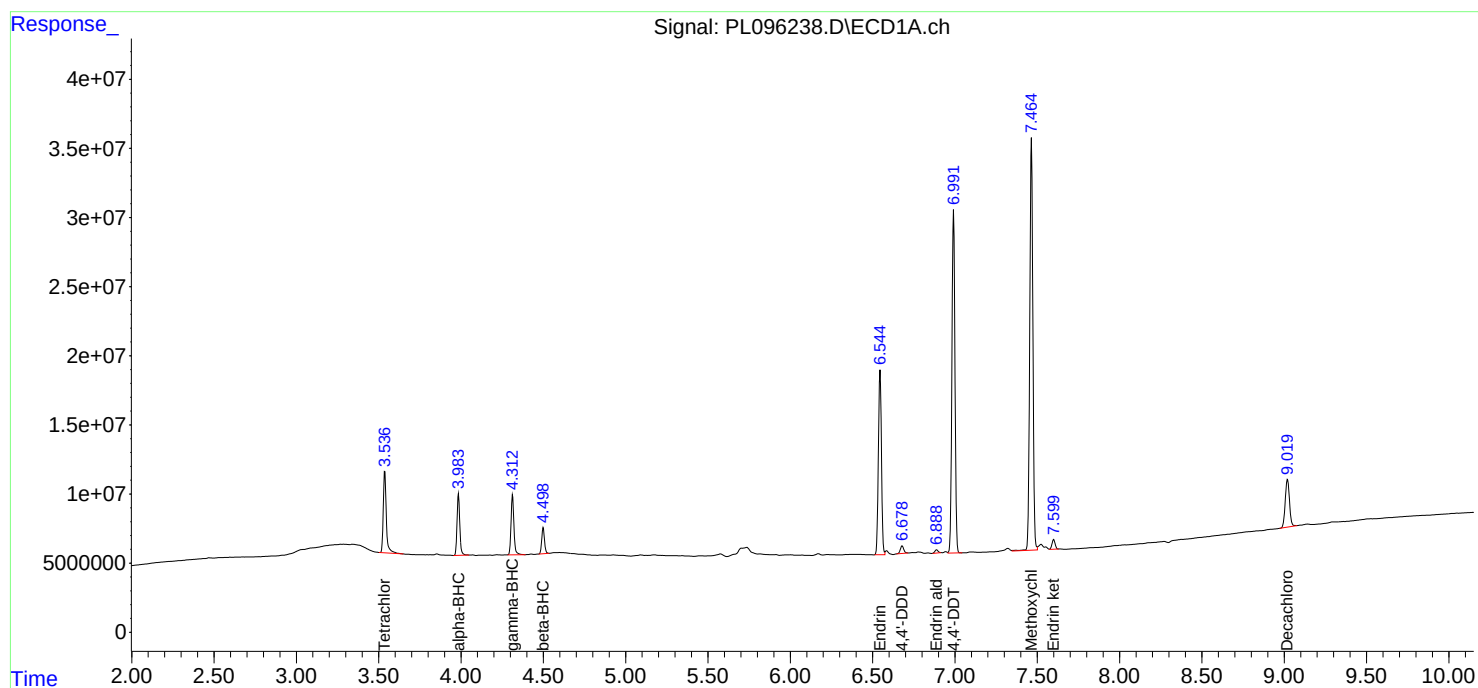
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/08/2025
Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096296.D Date Analyzed: 07/10/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:36

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.021	8.920	9.120	23.540	20.000	17.7
Tetrachloro-m-xylene	3.537	3.490	3.590	22.570	20.000	12.9
alpha-BHC	3.985	3.930	4.040	10.460	10.000	4.6
beta-BHC	4.499	4.450	4.550	11.590	10.000	15.9
gamma-BHC (Lindane)	4.314	4.260	4.360	11.270	10.000	12.7
Endrin	6.546	6.480	6.620	58.200	50.000	16.4
4,4'-DDT	6.993	6.920	7.060	113.770	100.000	13.8
Methoxychlor	7.465	7.390	7.540	262.360	250.000	4.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096296.D Date Analyzed: 07/10/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:36

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.995	7.890	8.100	22.110	20.000	10.6
Tetrachloro-m-xylene	2.828	2.780	2.880	20.780	20.000	3.9
alpha-BHC	3.334	3.280	3.380	9.950	10.000	-0.5
beta-BHC	3.963	3.910	4.010	10.670	10.000	6.7
gamma-BHC (Lindane)	3.666	3.620	3.720	10.110	10.000	1.1
Endrin	5.712	5.640	5.780	50.990	50.000	2.0
4,4'-DDT	6.112	6.040	6.180	103.740	100.000	3.7
Methoxychlor	6.684	6.610	6.750	224.650	250.000	-10.1

PEM
 Data File: PL096296.D Date Acquired 7/10/2025 9:36
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.55	181024675.3	194731618.9	13706943.6	7.04
Endrin aldehyde	6.89	4782635.82			
Endrin ketone	7.60	8924307.782			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	310841674.9	333675947.4	22834272.6	6.84
Endrin aldehyde #2	6.18	9322701.443			
Endrin ketone #2	6.91	13511571.15			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	345328423.7	356130923.6	10802499.9	3.03
4,4'-DDE	0.00	0			
4,4'-DDD	6.68	10802499.93			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	594988275	607947281.2	12959006.1	2.13
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	12959006.12			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 09:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:59:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	82351997	119.9E6	22.569	20.776
28)	SA Decachlor...	9.021	7.995	66217487	110.3E6	23.539	22.113
Target Compounds							
2)	A alpha-BHC	3.985	3.334	53789416	83914192	10.458	9.949
3)	MA gamma-BHC...	4.314	3.666	56140705	79601175	11.274	10.107
6)	B beta-BHC	4.499	3.963	24086012	36540071	11.587	10.672
14)	MA Endrin	6.546	5.712	181.0E6	310.8E6	58.203	50.987
16)	A 4,4'-DDD	6.678	5.859	10802500	12959006	3.710	2.527 #
17)	MA 4,4'-DDT	6.993	6.112	345.3E6	595.0E6	113.774	103.744
18)	B Endrin al...	6.888	6.183	4782636	9322701	2.139m	2.093
20)	A Methoxychlor	7.465	6.684	413.3E6	682.4E6	262.356	224.650
21)	B Endrin ke...	7.600	6.909	8924308	13511571	2.703	2.161

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 09:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

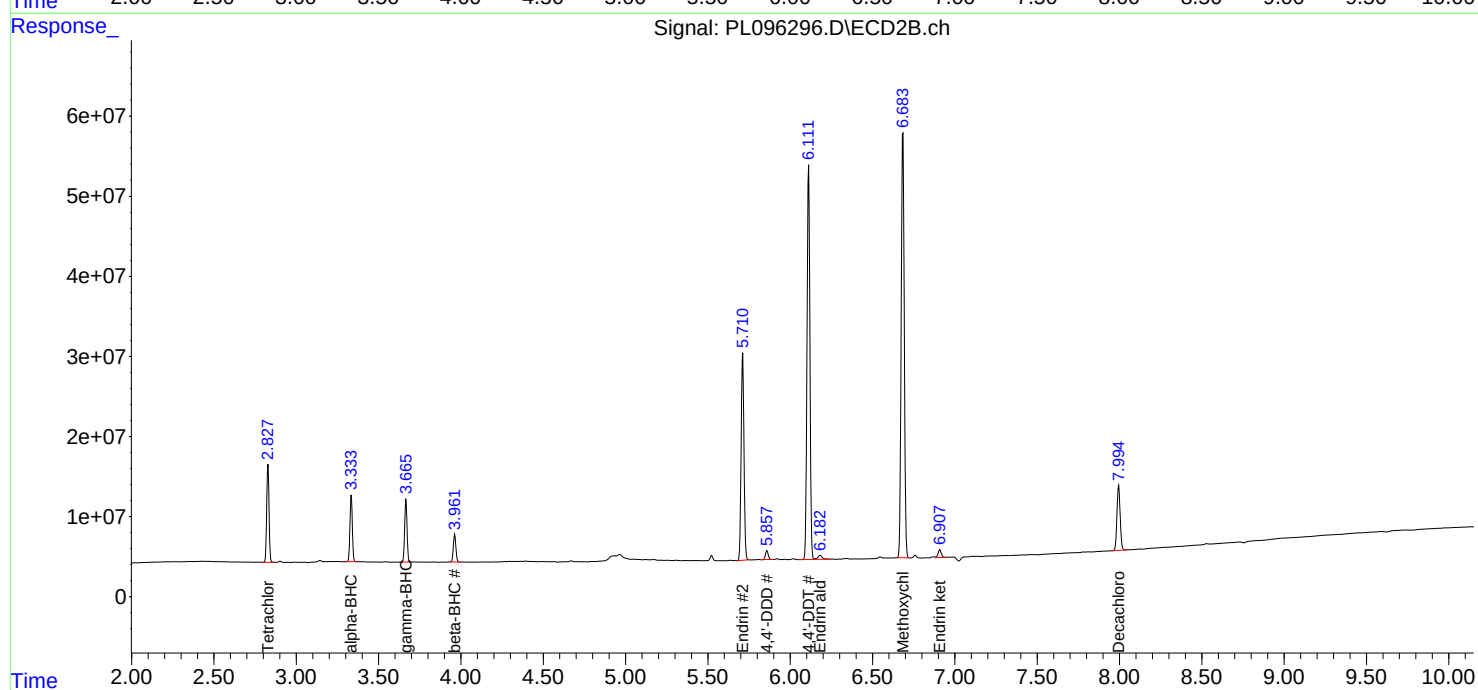
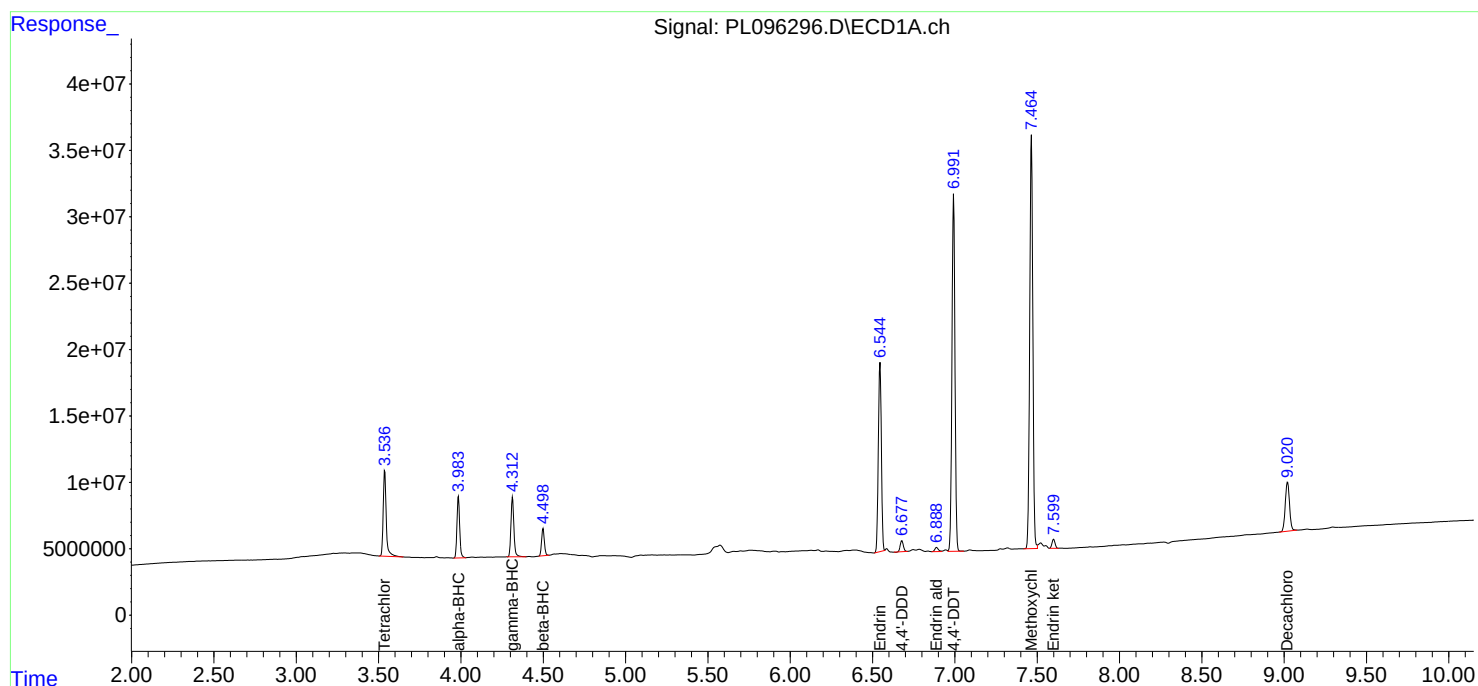
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:59:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: Q2489
Project: Construction of Shafts 17B-18B - PN 220084	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	10:12	PL096237.D	9.02	3.54
PEM	PEM	07/07/2025	10:26	PL096238.D	9.02	3.54
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	9.02	3.54
PSTDICCC100	PSTDICCC100	07/07/2025	10:53	PL096240.D	9.02	3.54
PSTDICCC075	PSTDICCC075	07/07/2025	11:09	PL096241.D	9.02	3.54
PSTDICCC050	PSTDICCC050	07/07/2025	11:22	PL096242.D	9.02	3.54
PSTDICCC025	PSTDICCC025	07/07/2025	11:36	PL096243.D	9.02	3.54
PSTDICCC005	PSTDICCC005	07/07/2025	11:49	PL096244.D	9.02	3.54
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	9.02	3.54
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	9.02	3.54
PEM	PEM	07/10/2025	09:36	PL096296.D	9.02	3.54
IBLK	IBLK	07/10/2025	12:49	PL096302.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/10/2025	13:31	PL096303.D	9.02	3.54
PB168794BL	PB168794BL	07/10/2025	14:08	PL096305.D	9.02	3.54
PB168794BS	PB168794BS	07/10/2025	14:39	PL096306.D	9.02	3.54
PB168728TB	PB168728TB	07/10/2025	14:58	PL096307.D	9.02	3.54
G4(0-6)	Q2489-01	07/10/2025	15:12	PL096308.D	9.02	3.54
G4(0-6)MS	Q2489-01MS	07/10/2025	15:25	PL096309.D	9.02	3.54
G4(0-6)MSD	Q2489-01MSD	07/10/2025	15:39	PL096310.D	9.02	3.54
G4(6-12)	Q2489-02	07/10/2025	15:53	PL096311.D	9.02	3.54
G3(0-6)	Q2489-03	07/10/2025	16:06	PL096312.D	9.02	3.54
G3(6-12)	Q2489-04	07/10/2025	16:20	PL096313.D	9.02	3.54
IBLK	IBLK	07/10/2025	17:15	PL096314.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/10/2025	17:29	PL096315.D	9.02	3.54
G2(0-6)	Q2489-05	07/10/2025	18:01	PL096316.D	9.02	3.54
G2(6-12)	Q2489-06	07/10/2025	18:14	PL096317.D	9.02	3.54
G1(0-6)	Q2489-07	07/10/2025	18:28	PL096318.D	9.02	3.54
G1(6-12)	Q2489-08	07/10/2025	18:41	PL096319.D	9.02	3.54
IBLK	IBLK	07/10/2025	19:36	PL096323.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/10/2025	20:03	PL096325.D	9.02	3.54

Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: Q2489
Project: Construction of Shafts 17B-18B - PN 220084	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	10:12	PL096237.D	8.00	2.83
PEM	PEM	07/07/2025	10:26	PL096238.D	8.00	2.83
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	8.00	2.83
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	8.00	2.83
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	8.00	2.83
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	8.00	2.83
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	8.00	2.83
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	8.00	2.83
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	8.00	2.83
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	8.00	2.83
PEM	PEM	07/10/2025	09:36	PL096296.D	8.00	2.83
IBLK	IBLK	07/10/2025	12:49	PL096302.D	8.00	2.83
PSTDCCC050	PSTDCCC050	07/10/2025	13:31	PL096303.D	8.00	2.83
PB168794BL	PB168794BL	07/10/2025	14:08	PL096305.D	8.00	2.83
PB168794BS	PB168794BS	07/10/2025	14:39	PL096306.D	8.00	2.83
PB168728TB	PB168728TB	07/10/2025	14:58	PL096307.D	8.00	2.83
G4(0-6)	Q2489-01	07/10/2025	15:12	PL096308.D	8.00	2.83
G4(0-6)MS	Q2489-01MS	07/10/2025	15:25	PL096309.D	8.00	2.83
G4(0-6)MSD	Q2489-01MSD	07/10/2025	15:39	PL096310.D	8.00	2.83
G4(6-12)	Q2489-02	07/10/2025	15:53	PL096311.D	8.00	2.83
G3(0-6)	Q2489-03	07/10/2025	16:06	PL096312.D	8.00	2.83
G3(6-12)	Q2489-04	07/10/2025	16:20	PL096313.D	8.00	2.83
IBLK	IBLK	07/10/2025	17:15	PL096314.D	8.00	2.82
PSTDCCC050	PSTDCCC050	07/10/2025	17:29	PL096315.D	8.00	2.83
G2(0-6)	Q2489-05	07/10/2025	18:01	PL096316.D	8.00	2.83
G2(6-12)	Q2489-06	07/10/2025	18:14	PL096317.D	8.00	2.83
G1(0-6)	Q2489-07	07/10/2025	18:28	PL096318.D	8.00	2.83
G1(6-12)	Q2489-08	07/10/2025	18:41	PL096319.D	8.00	2.83
IBLK	IBLK	07/10/2025	19:36	PL096323.D	8.00	2.83
PSTDCCC050	PSTDCCC050	07/10/2025	20:03	PL096325.D	8.00	2.83

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MS

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Lab Sample ID: Q2489-01MS

Date(s) Analyzed: 07/10/2025 07/10/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.47	7.42	7.52	5.10	17
	2	6.68	6.63	6.73	4.30	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.00	8.3
	2	3.67	3.62	3.72	4.60	
Heptachlor	1	4.91	4.86	4.96	5.30	16.3
	2	4.02	3.97	4.07	4.50	
Heptachlor epoxide	1	5.67	5.62	5.72	5.40	18.2
	2	4.80	4.75	4.85	4.50	
Endrin	1	6.55	6.50	6.60	5.50	31.6
	2	5.71	5.66	5.76	4.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MSD

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Lab Sample ID: Q2489-01MSD

Date(s) Analyzed: 07/10/2025 07/10/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.46	7.41	7.51	4.70	8.9
	2	6.69	6.64	6.74	4.30	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	4.90	8.5
	2	3.67	3.62	3.72	4.50	
Heptachlor	1	4.91	4.86	4.96	5.10	14.7
	2	4.02	3.97	4.07	4.40	
Heptachlor epoxide	1	5.67	5.62	5.72	5.30	16.3
	2	4.80	4.75	4.85	4.50	
Endrin	1	6.55	6.50	6.60	5.20	16.7
	2	5.71	5.66	5.76	4.40	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168794BS

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2489

Lab Sample ID: PB168794BS

Date(s) Analyzed: 07/10/2025 07/10/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.47	7.42	7.52	0.51	15.2
	2	6.69	6.64	6.74	0.44	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.52	7.8
	2	3.67	3.62	3.72	0.48	
Heptachlor	1	4.91	4.86	4.96	0.54	13
	2	4.02	3.97	4.07	0.47	
Heptachlor epoxide	1	5.67	5.62	5.72	0.55	12.9
	2	4.80	4.75	4.85	0.48	
Endrin	1	6.55	6.50	6.60	0.54	19.5
	2	5.71	5.66	5.76	0.44	



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168794BL	SDG No.:	Q2489
Lab Sample ID:	PB168794BL	Matrix:	TCLP
Analytical Method:	8081B	% 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
PL096305.D	1	07/10/25 08:34	07/10/25 14:08	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		61 - 148	94%	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\PL071025\
Data File : PL096305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:08
Operator : AR\AJ
Sample : PB168794BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168794BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.827	68577513	101.9E6	18.794	17.660
28)	SA Decachlor...	9.024	7.997	58089071	95385501	20.650	19.129

Target Compounds

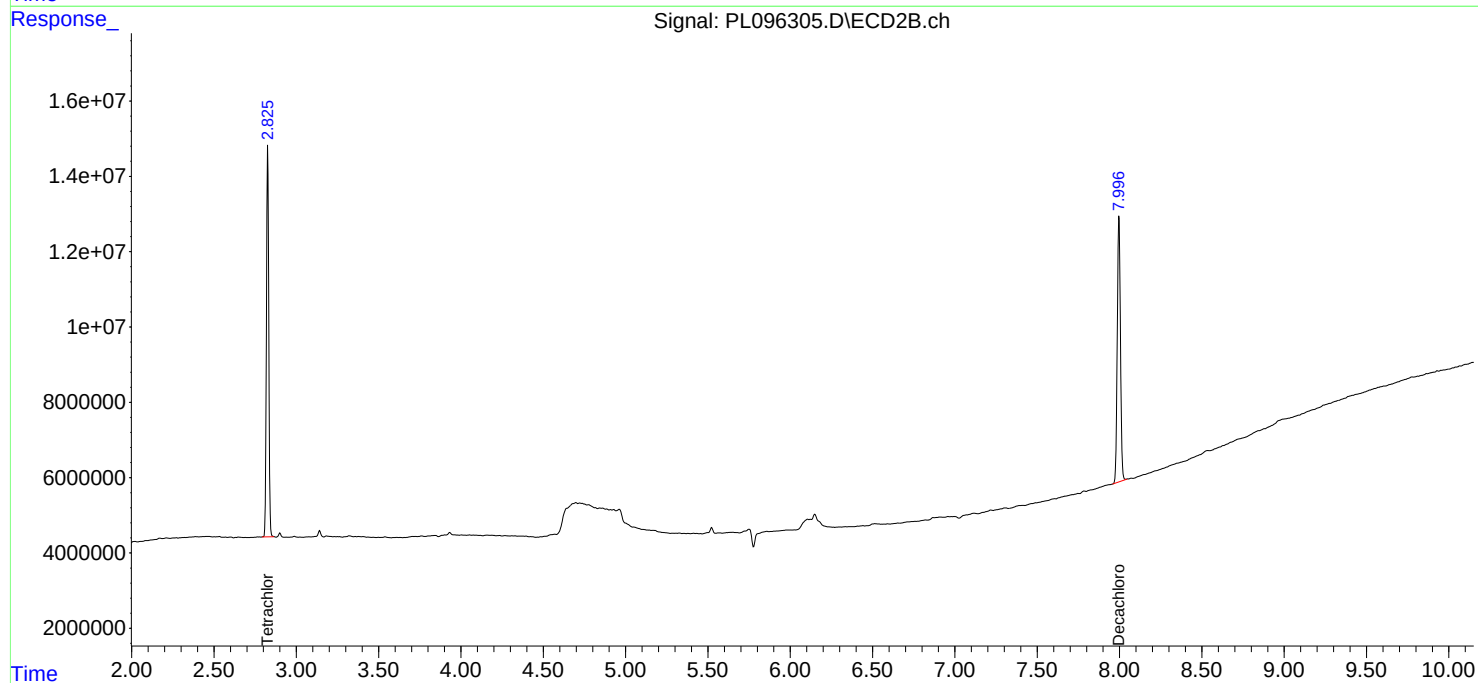
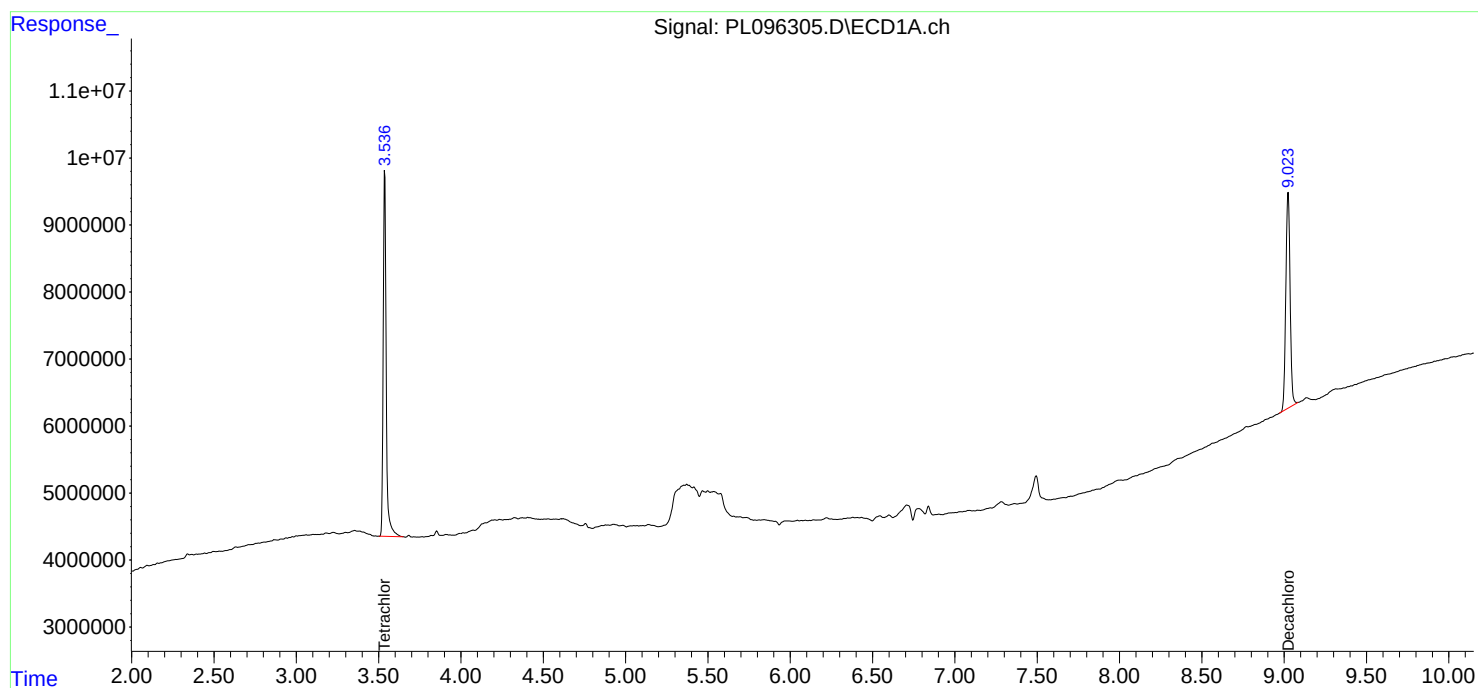
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

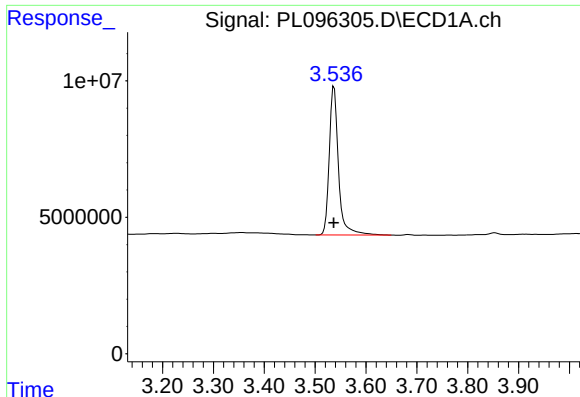
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:08
Operator : AR\AJ
Sample : PB168794BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168794BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

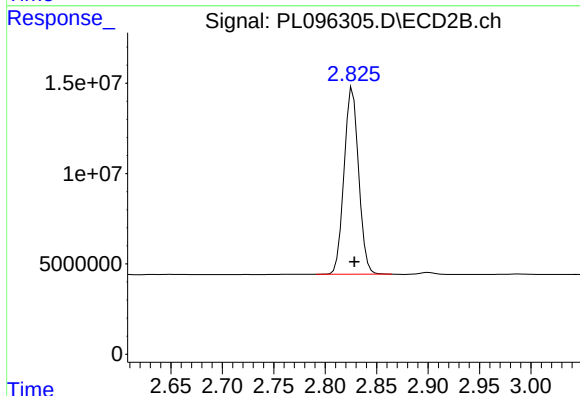




#1 Tetrachloro-m-xylene

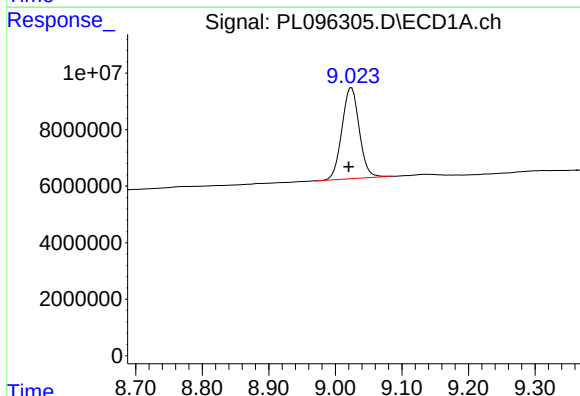
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 68577513
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168794BL



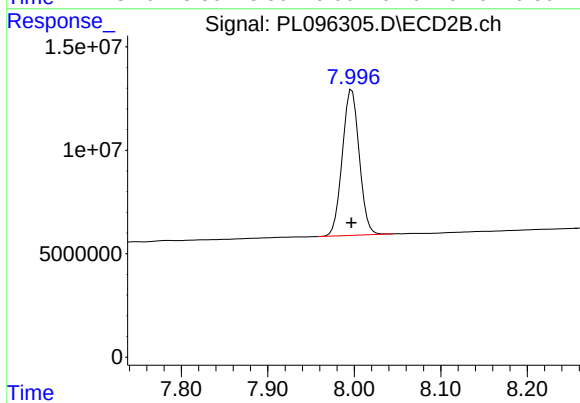
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 101918412
Conc: 17.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.004 min
Response: 58089071
Conc: 20.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 95385501
Conc: 19.13 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/07/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/07/25
Client Sample ID:	PIBLK-PL096237.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096237.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096237.D	1		07/07/25	PL070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 148	94%	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\PL070725\
Data File : PL096237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:12
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: Jul 07 15:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	65245651	109.0E6	17.881	18.891
28)	SA Decachlor...	9.020	7.997	54884459	100.0E6	19.511	20.056

Target Compounds

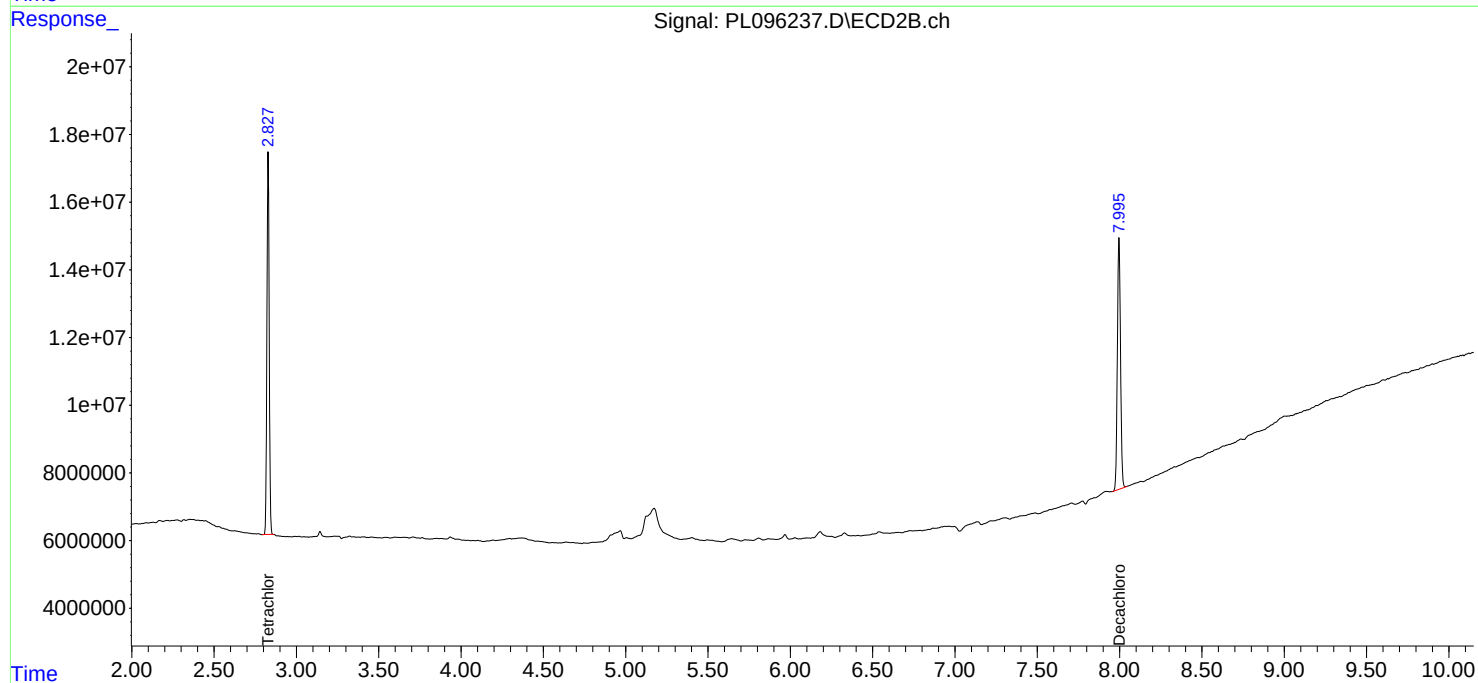
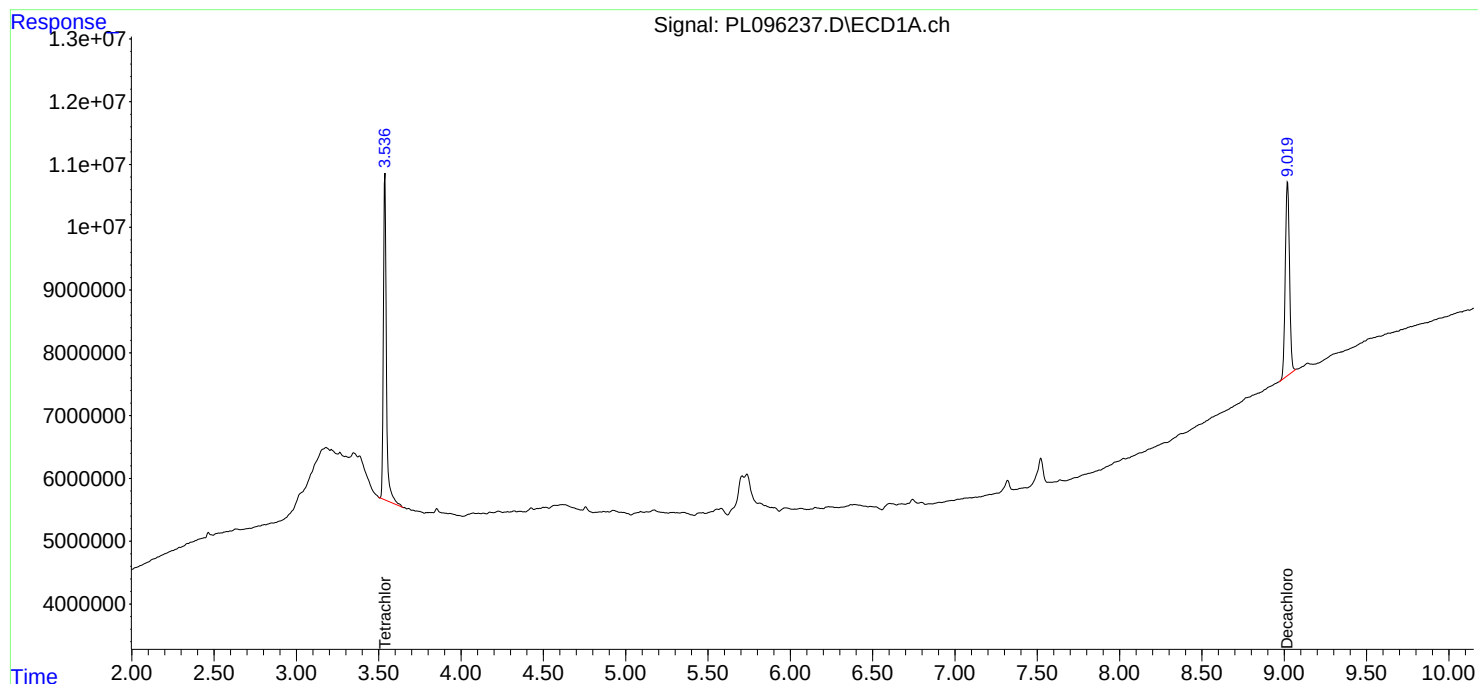
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

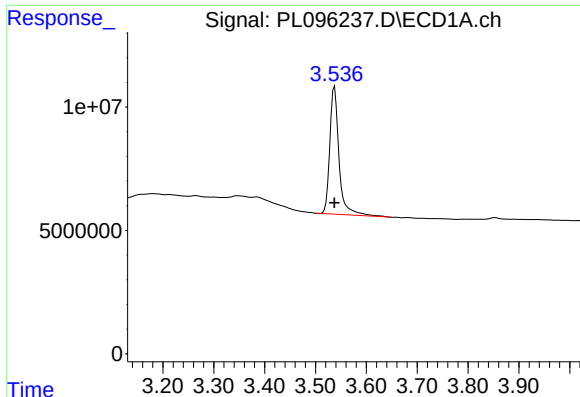
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

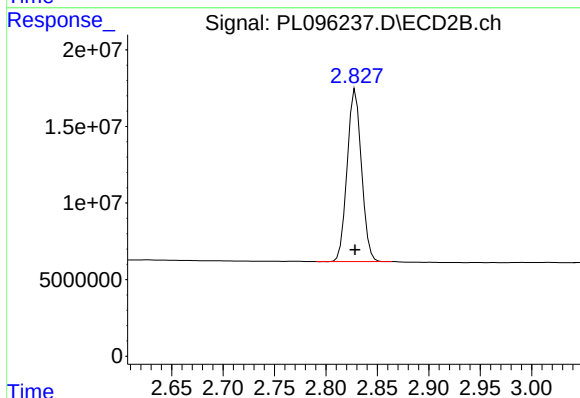




#1 Tetrachloro-m-xylene

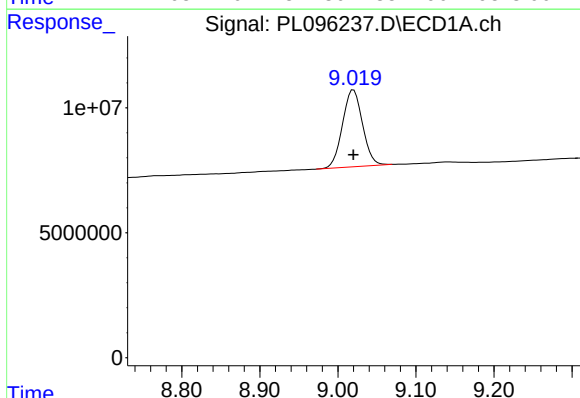
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 65245651
Conc: 17.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



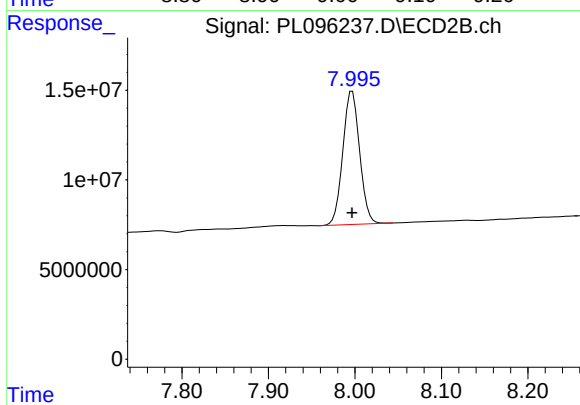
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 109023605
Conc: 18.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 54884459
Conc: 19.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 100011029
Conc: 20.06 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096302.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096302.D	Matrix:	TCLP
Analytical Method:	8081B	% 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
PL096302.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.49	J	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		61 - 148	98%	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\PL071025\
Data File : PL096302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 12:49
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: Jul 10 23:00:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.827	75304200	112.5E6	20.637	19.490
28)	SA Decachlor...	9.022	7.996	62830033	102.9E6	22.335	20.642

Target Compounds

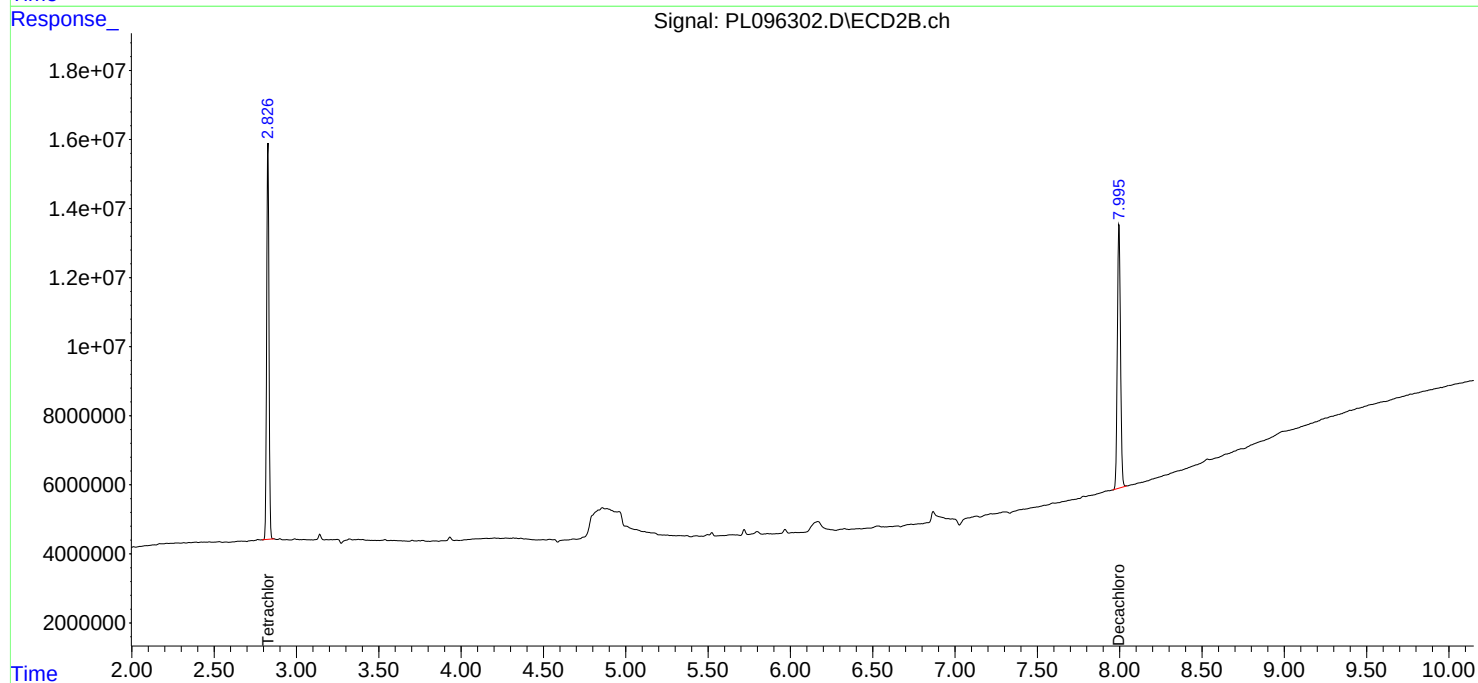
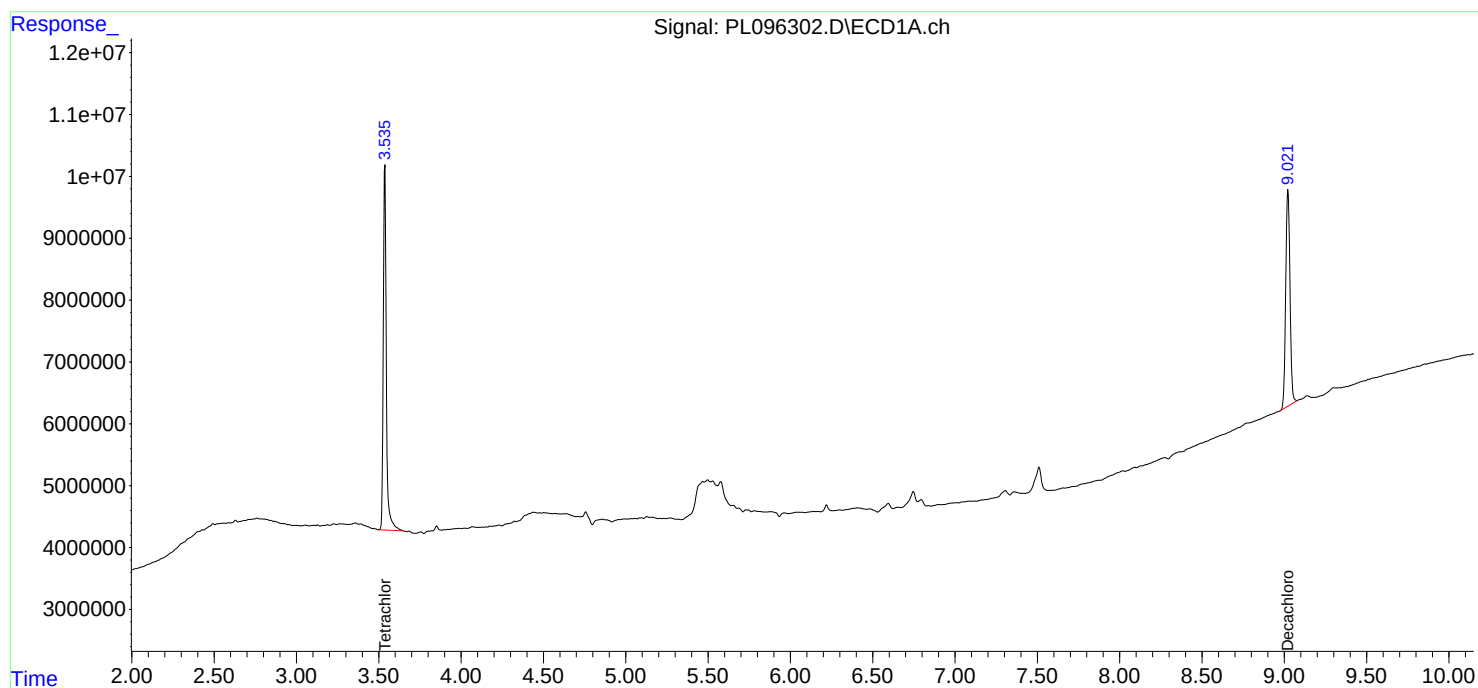
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

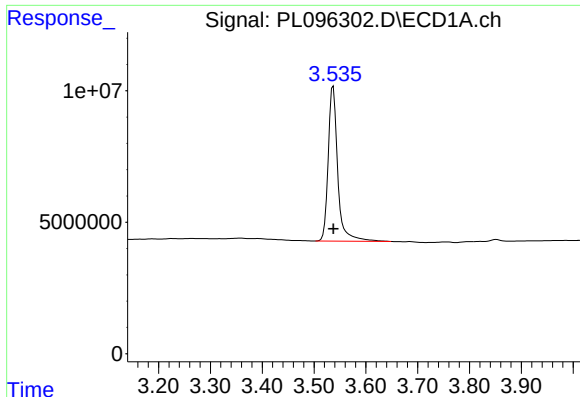
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 12:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:00:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

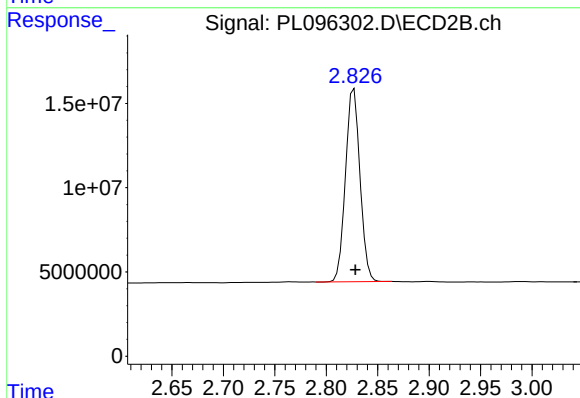




#1 Tetrachloro-m-xylene

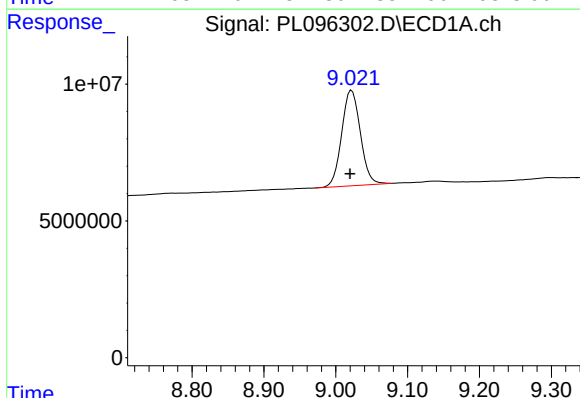
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 75304200
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



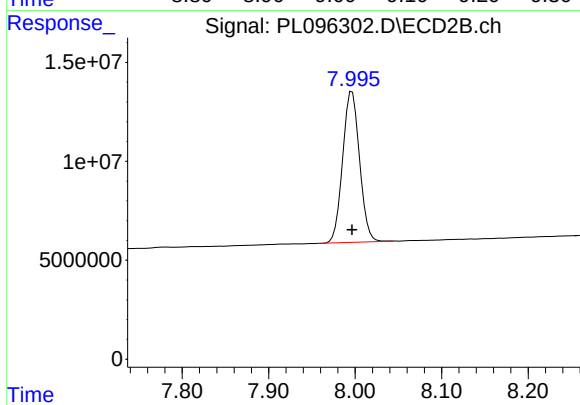
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 112480164
Conc: 19.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 62830033
Conc: 22.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 102930472
Conc: 20.64 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096314.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096314.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096314.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.4		57 - 171	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		61 - 148	104%	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\PL071025\
Data File : PL096314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:15
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: Jul 10 23:03:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.824	76077548	110.2E6	20.849	19.103
28)	SA Decachlor...	9.024	7.995	62934705	101.2E6	22.372	20.290

Target Compounds

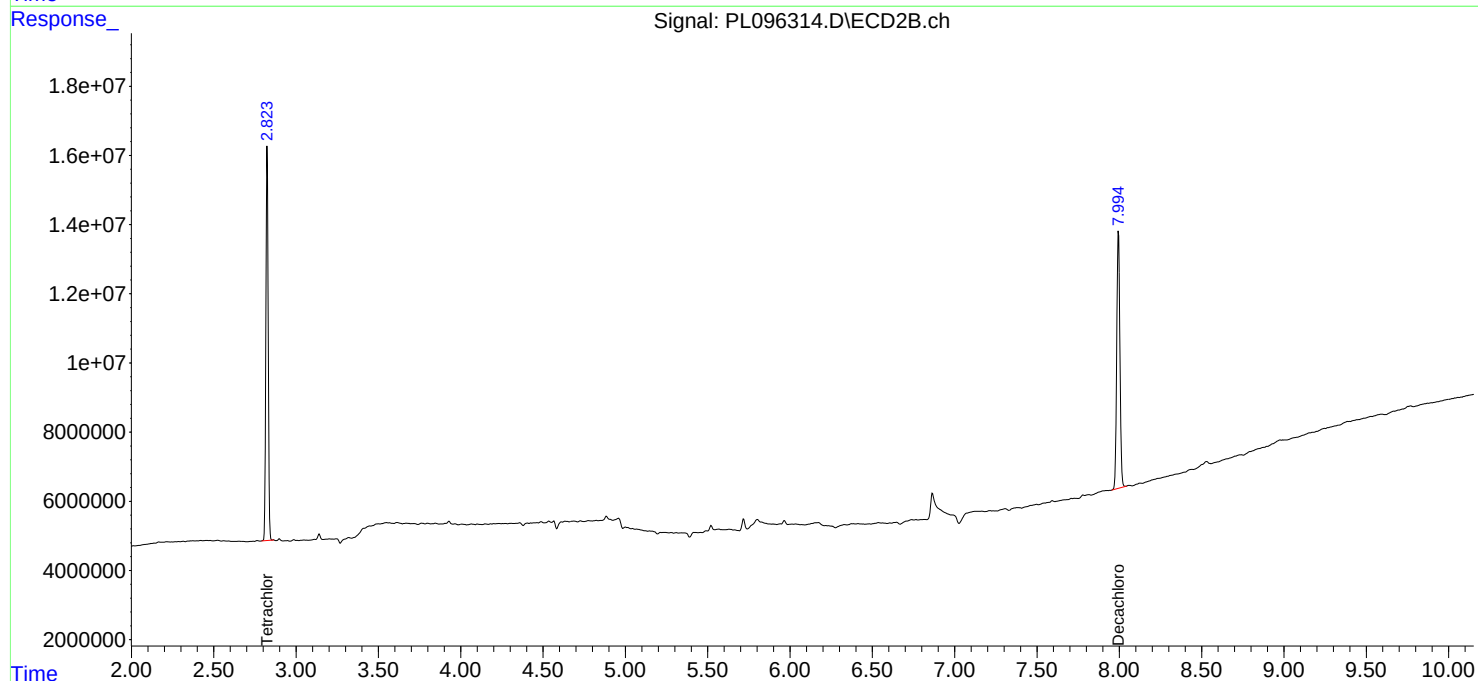
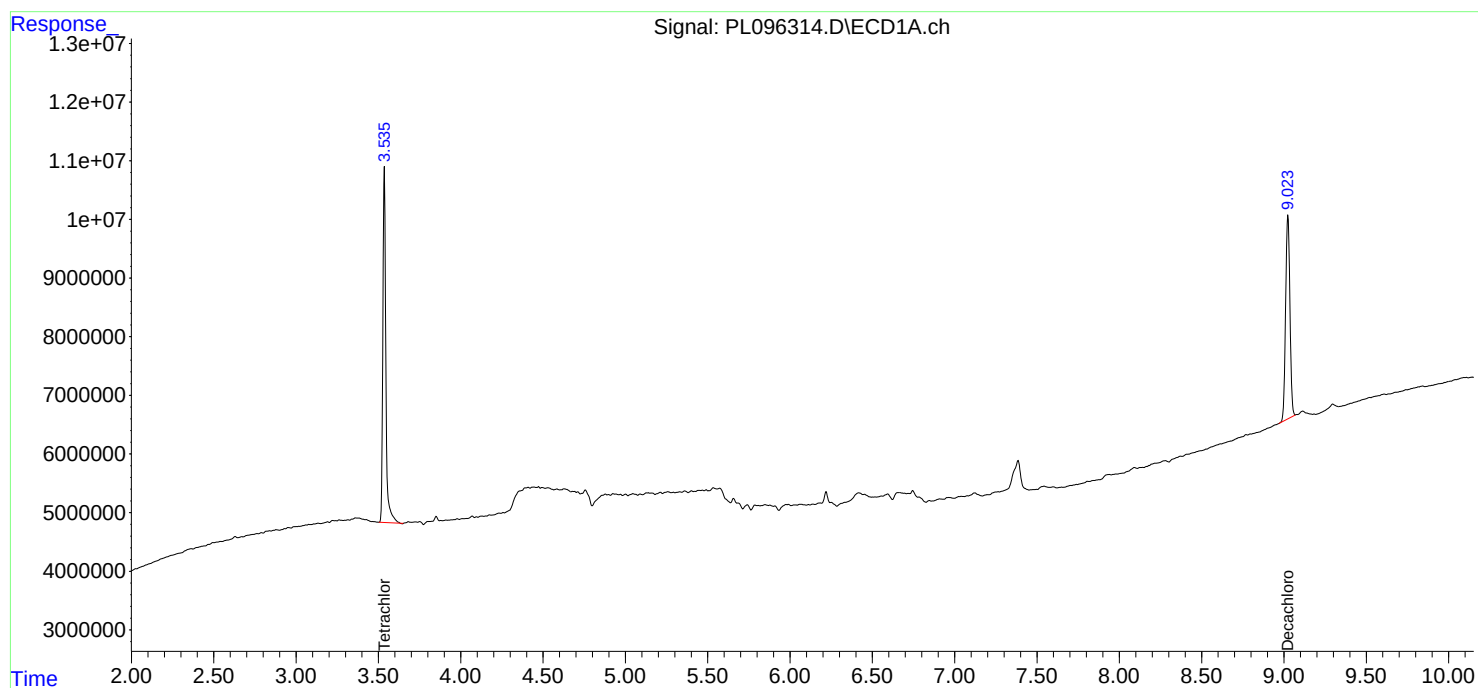
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

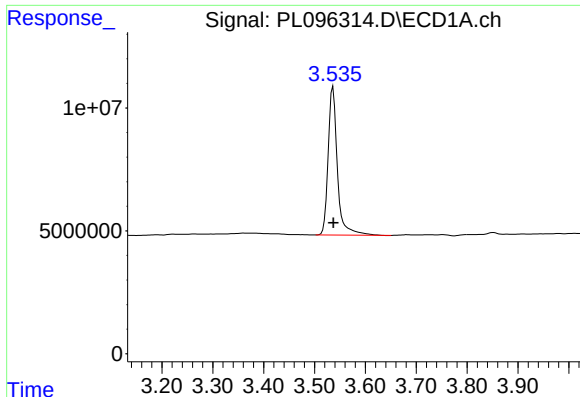
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:15
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

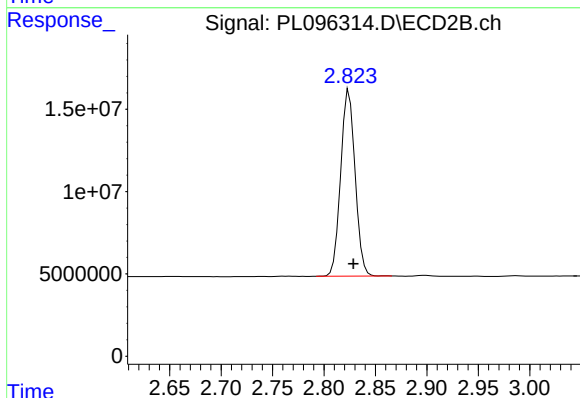




#1 Tetrachloro-m-xylene

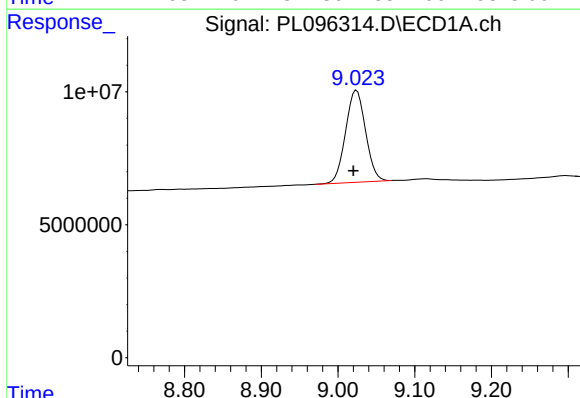
R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 76077548
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



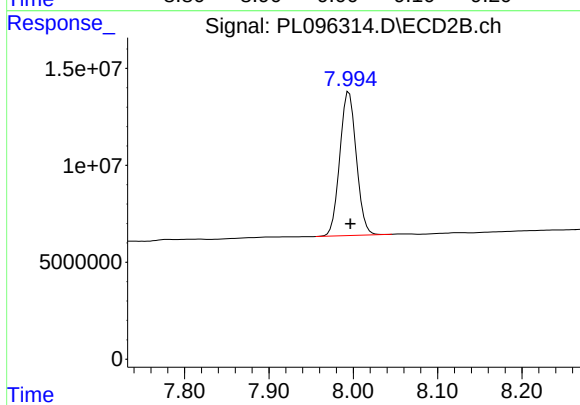
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 110245780
Conc: 19.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.004 min
Response: 62934705
Conc: 22.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 101175105
Conc: 20.29 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096323.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096323.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096323.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.8		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		61 - 148	105%	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\PL071025\
Data File : PL096323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:36
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: Jul 11 02:37:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	76693379	108.4E6	21.018	18.790
28)	SA Decachlor...	9.020	7.995	64052119	102.3E6	22.770	20.507

Target Compounds

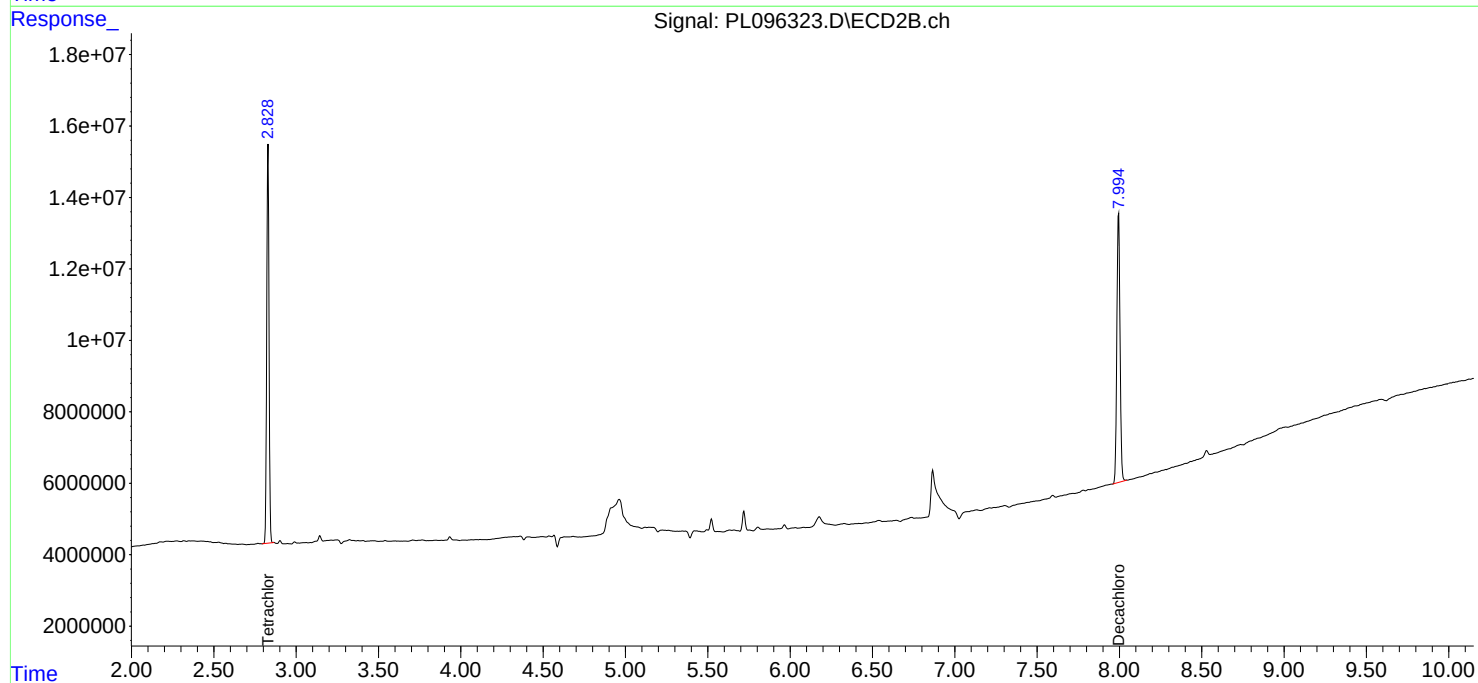
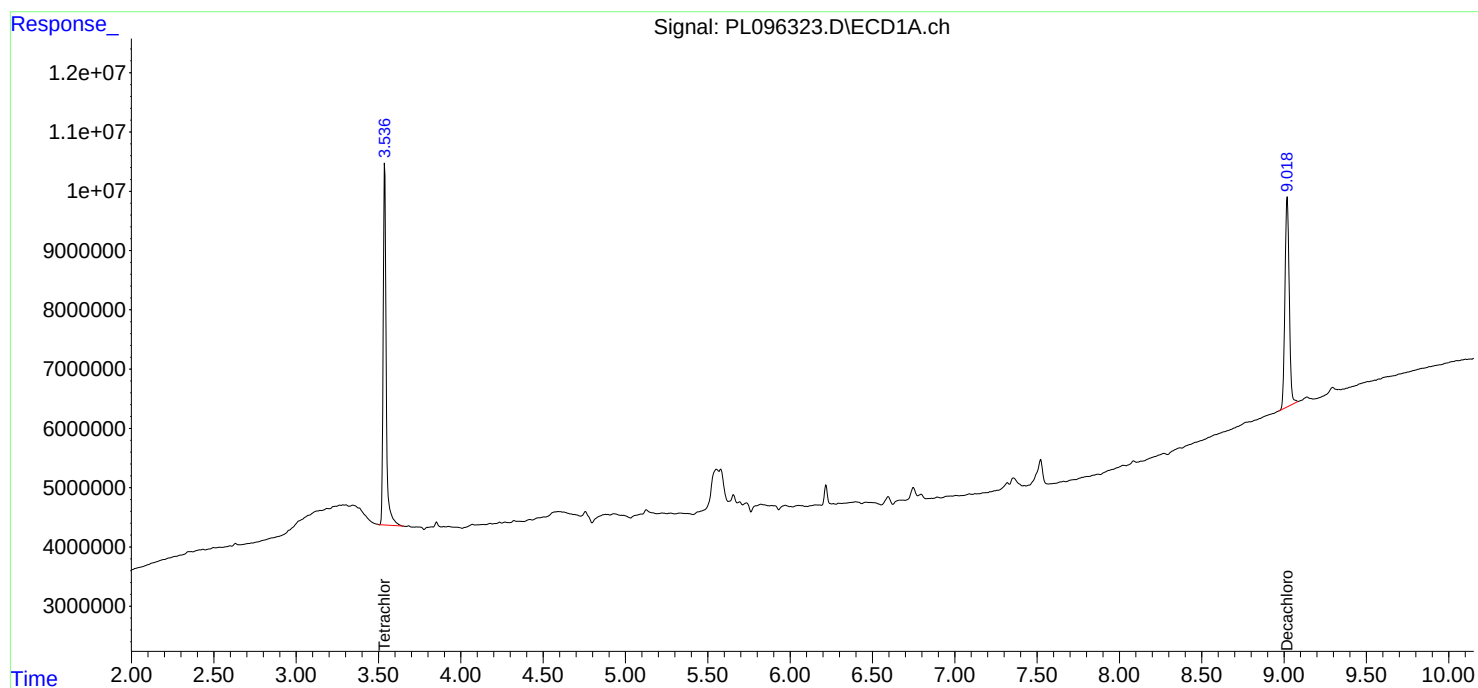
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

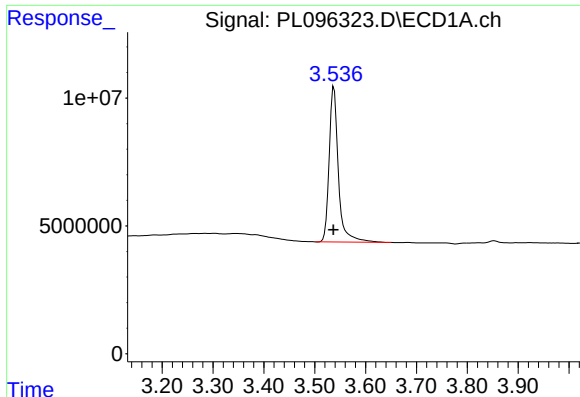
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

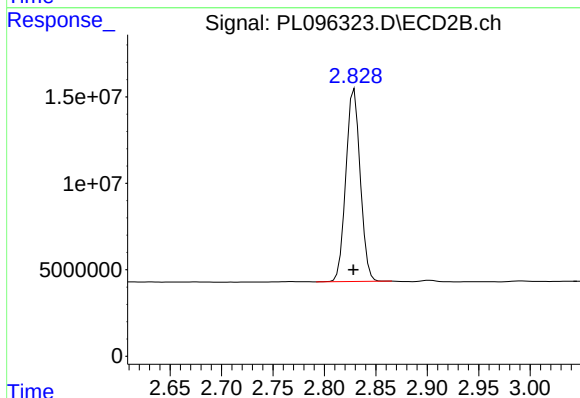




#1 Tetrachloro-m-xylene

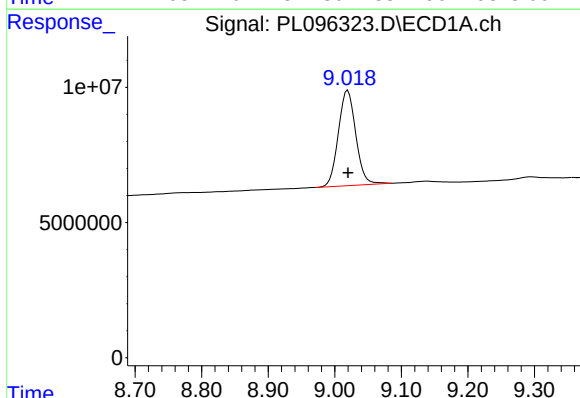
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 76693379
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



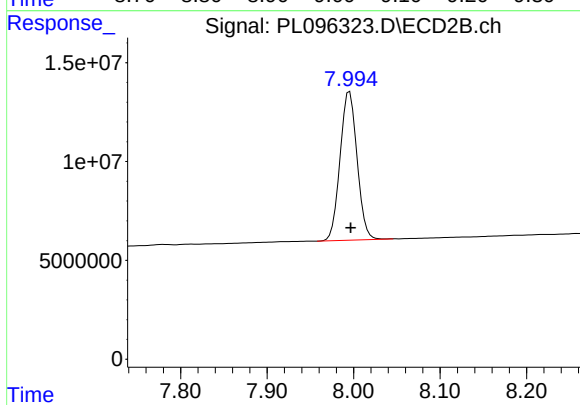
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 108440187
Conc: 18.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 64052119
Conc: 22.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 102257976
Conc: 20.51 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168794BS	SDG No.:	Q2489
Lab Sample ID:	PB168794BS	Matrix:	TCLP
Analytical Method:	8081B	% 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
PL096306.D	1	07/10/25 08:34	07/10/25 14:39	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.52		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.54		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0096	0.050	ug/L
72-20-8	Endrin	0.54		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.51		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		57 - 171	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		61 - 148	94%	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\PL071025\
 Data File : PL096306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 14:39
 Operator : AR\AJ
 Sample : PB168794BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168794BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:01:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.827	68511192	101.9E6	18.775	17.651
28)	SA Decachlor...	9.022	7.996	57234686	94040417	20.346	18.859
Target Compounds							
2)	A alpha-BHC	3.984	3.333	272.4E6	405.8E6	52.960	48.110
3)	MA gamma-BHC...	4.313	3.666	258.1E6	377.4E6	51.822	47.915
4)	MA Heptachlor	4.906	4.015	246.4E6	359.2E6	53.777	47.209
5)	MB Aldrin	5.246	4.298	247.9E6	348.7E6	51.287	47.793
6)	B beta-BHC	4.499	3.962	108.8E6	158.7E6	52.325	46.339
7)	B delta-BHC	4.745	4.195	237.2E6	369.3E6	52.933	47.952
8)	B Heptachlo...	5.665	4.801	226.9E6	321.4E6	54.694m	48.079
9)	A Endosulfan I	6.048	5.172	210.4E6	295.3E6	52.114	41.164
10)	B gamma-Chl...	5.920	5.053	228.6E6	333.1E6	51.669	47.450
11)	B alpha-Chl...	6.000	5.117	226.9E6	327.5E6	51.823	43.547
12)	B 4,4'-DDE	6.170	5.307	195.6E6	311.7E6	52.757	48.222
13)	MA Dieldrin	6.320	5.437	221.5E6	325.9E6	52.390	47.786
14)	MA Endrin	6.547	5.712	167.6E6	270.1E6	53.876	44.300
15)	B Endosulfa...	6.759	6.004	183.8E6	281.0E6	52.968	47.929
16)	A 4,4'-DDD	6.679	5.859	161.6E6	267.3E6	55.498	52.110
17)	MA 4,4'-DDT	6.994	6.112	160.9E6	260.7E6	53.020	45.459
18)	B Endrin al...	6.888	6.183	138.4E6	219.1E6	61.909	49.194
19)	B Endosulfa...	7.121	6.406	167.7E6	269.7E6	54.822	47.954
20)	A Methoxychlor	7.466	6.685	81052955	134.2E6	51.449	44.170
21)	B Endrin ke...	7.601	6.910	183.3E6	310.5E6	55.532	49.655
22)	Mirex	8.081	7.101	135.9E6	220.8E6	48.838	44.438

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:39
Operator : AR\AJ
Sample : PB168794BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168794BS

Manual Integrations

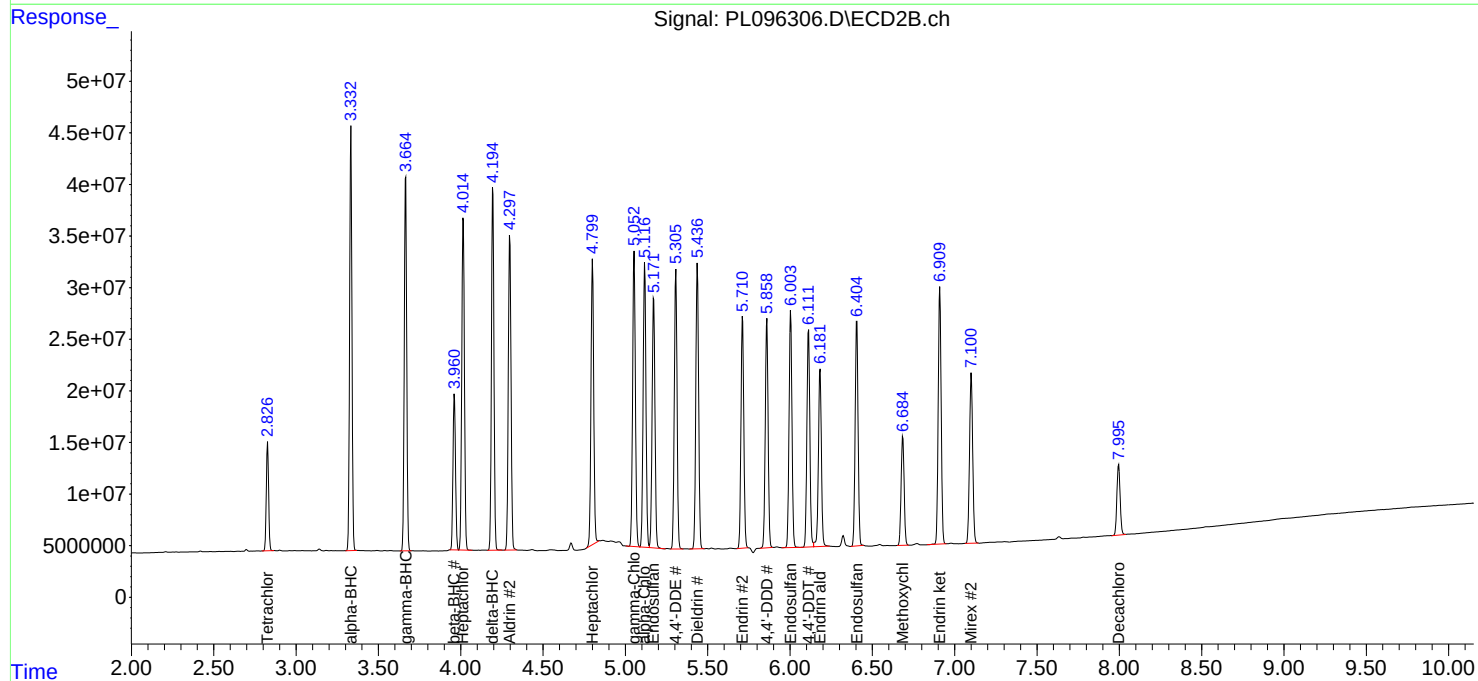
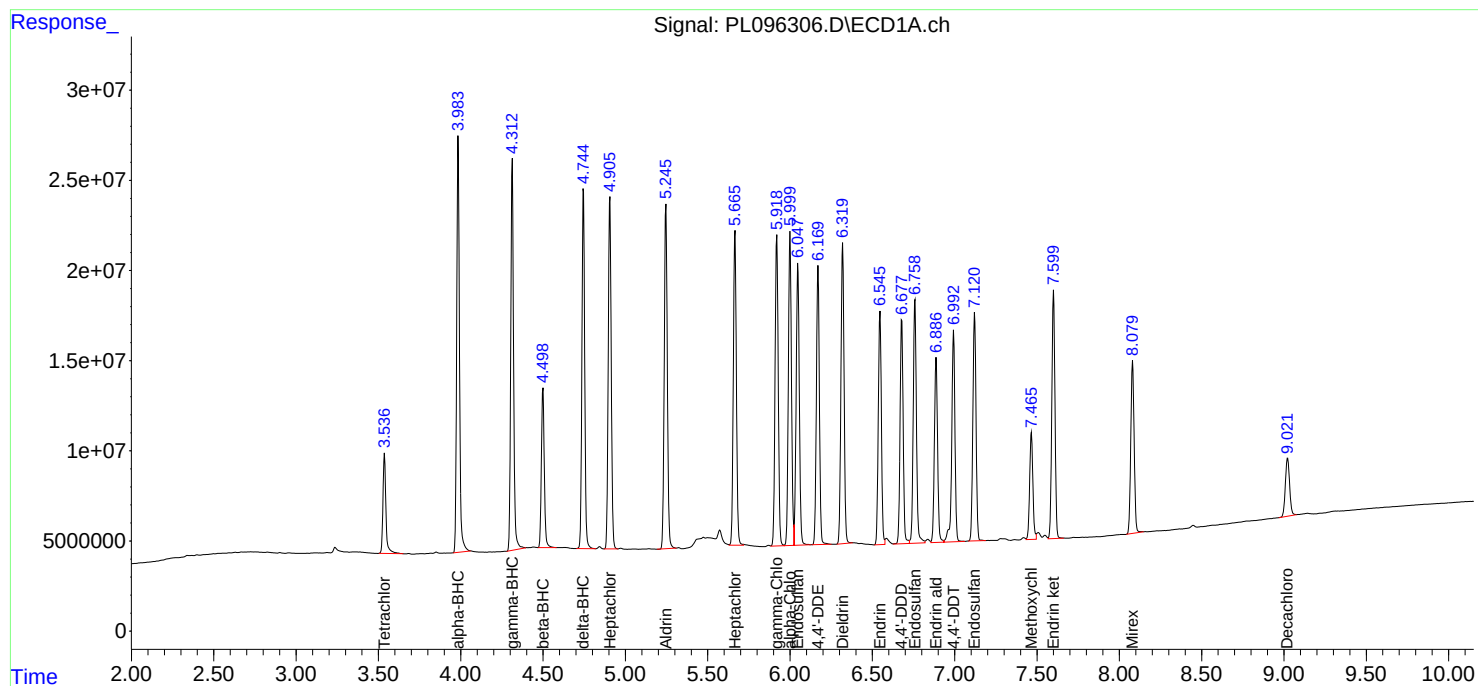
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MS	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096309.D	1	07/10/25 08:34	07/10/25 15:25	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.00		0.037	0.50	ug/L
76-44-8	Heptachlor	5.30		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.40		0.096	0.50	ug/L
72-20-8	Endrin	5.50		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		57 - 171	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		61 - 148	96%	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\PL071025\
 Data File : PL096309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:25
 Operator : AR\AJ
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G4(0-6)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:02:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.829	69858496	106.4E6	19.145	18.437
28)	SA Decachlor...	9.020	7.996	60674352	96864149	21.569	19.425
Target Compounds							
2)	A alpha-BHC	3.986	3.335	261.0E6	393.9E6	50.743	46.704
3)	MA gamma-BHC...	4.314	3.667	251.0E6	364.5E6	50.407	46.286
4)	MA Heptachlor	4.907	4.016	242.1E6	343.8E6	52.852	45.196
5)	MB Aldrin	5.246	4.299	237.2E6	328.5E6	49.066	45.034
6)	B beta-BHC	4.500	3.963	102.3E6	152.4E6	49.233	44.516
7)	B delta-BHC	4.746	4.197	239.7E6	357.7E6	53.485	46.439
8)	B Heptachlo...	5.666	4.802	224.2E6	302.5E6	54.038	45.258
9)	A Endosulfan I	6.047	5.173	206.3E6	284.5E6	51.087	39.657
10)	B gamma-Chl...	5.919	5.054	218.2E6	315.7E6	49.310	44.973
11)	B alpha-Chl...	6.000	5.118	220.2E6	311.3E6	50.278	41.396
12)	B 4,4'-DDE	6.170	5.307	192.2E6	282.4E6	51.853	43.695
13)	MA Dieldrin	6.320	5.437	216.0E6	315.9E6	51.095	46.320
14)	MA Endrin	6.546	5.712	170.1E6	244.4E6	54.676	40.083 #
15)	B Endosulfa...	6.759	6.004	171.8E6	270.8E6	49.513	46.182
16)	A 4,4'-DDD	6.678	5.859	155.9E6	252.5E6	53.536	49.240
17)	MA 4,4'-DDT	6.993	6.112	159.6E6	221.8E6	52.587	38.667 #
18)	B Endrin al...	6.887	6.182	131.4E6	212.0E6	58.789	47.591
19)	B Endosulfa...	7.120	6.405	161.9E6	260.4E6	52.930	46.302
20)	A Methoxychlor	7.465	6.684	80033871	131.2E6	50.802	43.201
21)	B Endrin ke...	7.600	6.908	176.7E6	295.8E6	53.514	47.318m
22)	Mirex	8.079	7.101	138.8E6	223.5E6	49.891	44.990

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:25
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

G4(0-6)MS

Manual Integrations

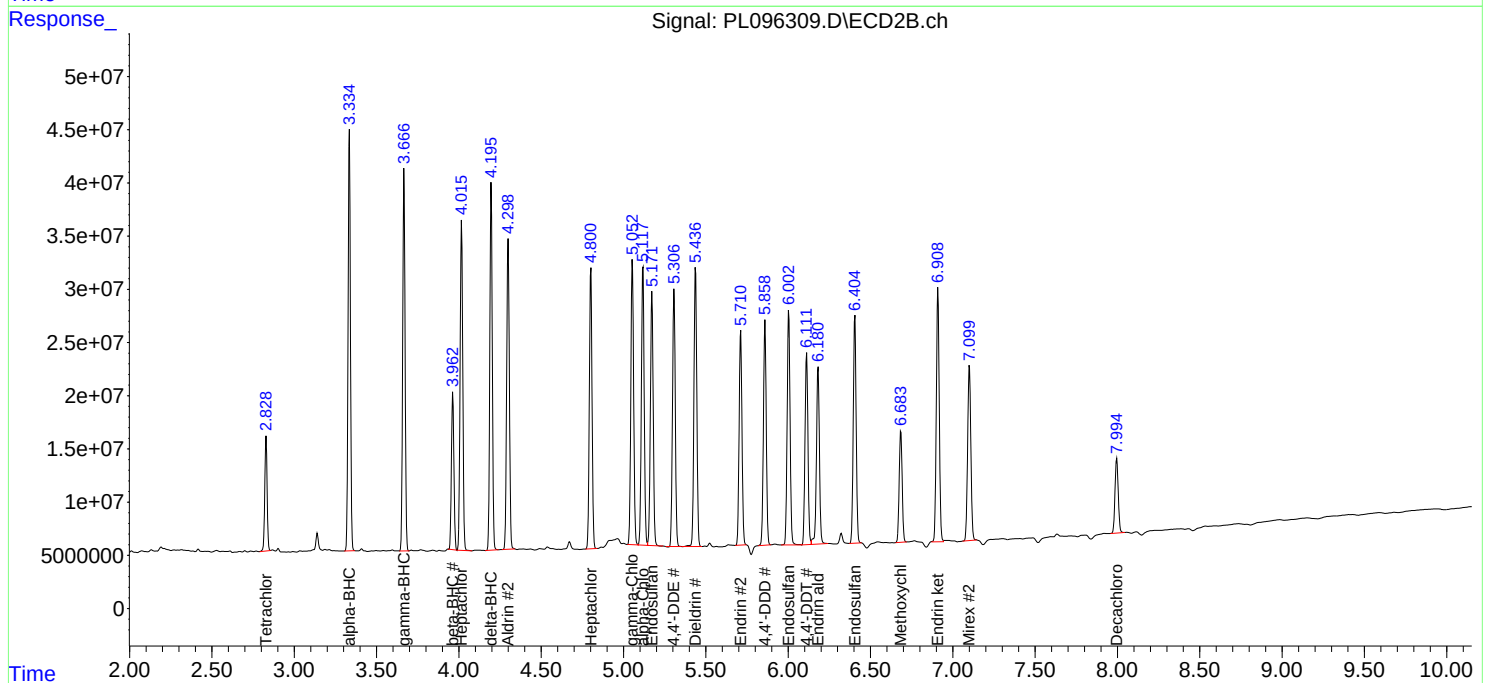
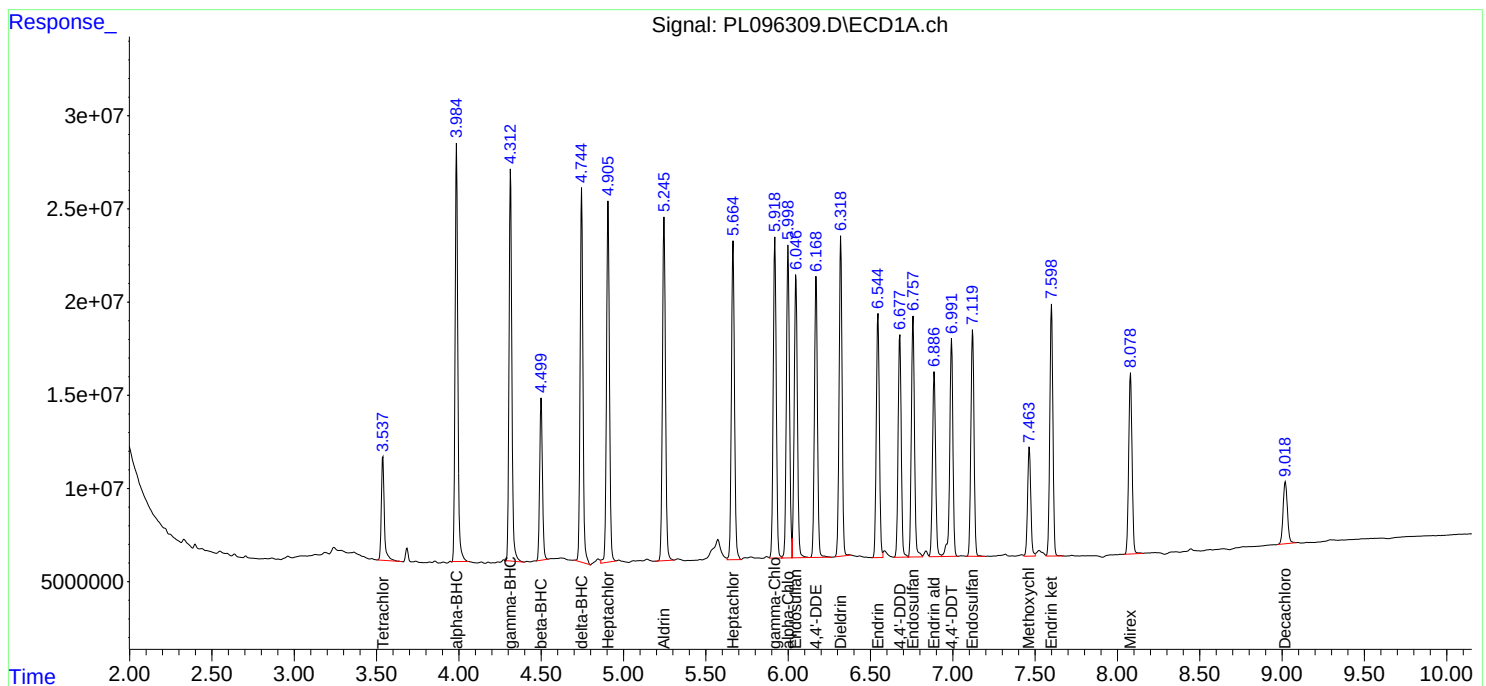
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MSD	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096310.D	1	07/10/25 08:34	07/10/25 15:39	PB168794

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.90		0.037	0.50	ug/L
76-44-8	Heptachlor	5.10		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.30		0.096	0.50	ug/L
72-20-8	Endrin	5.20		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.70		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		61 - 148	93%	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\PL071025\
 Data File : PL096310.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:39
 Operator : AR\AJ
 Sample : Q2489-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

G4(0-6)MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:02:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	67535498	102.0E6	18.508	17.672
28)	SA Decachlor...	9.020	7.996	57993236	93251081	20.616	18.701
Target Compounds							
2)	A alpha-BHC	3.985	3.335	252.6E6	383.6E6	49.118	45.486
3)	MA gamma-BHC...	4.314	3.667	242.9E6	357.7E6	48.777	45.422
4)	MA Heptachlor	4.906	4.016	231.6E6	337.1E6	50.559	44.306
5)	MB Aldrin	5.246	4.299	228.1E6	322.0E6	47.199	44.130
6)	B beta-BHC	4.500	3.963	99260133	149.3E6	47.749	43.592
7)	B delta-BHC	4.746	4.196	228.2E6	350.7E6	50.912	45.532
8)	B Heptachlo...	5.666	4.802	218.1E6	299.2E6	52.561	44.755
9)	A Endosulfan I	6.047	5.173	198.5E6	280.0E6	49.156	39.036
10)	B gamma-Chl...	5.919	5.054	212.7E6	311.9E6	48.078	44.438
11)	B alpha-Chl...	6.000	5.118	212.2E6	307.6E6	48.449	40.902
12)	B 4,4'-DDE	6.169	5.307	181.6E6	290.9E6	48.988	45.006
13)	MA Dieldrin	6.319	5.438	209.1E6	309.9E6	49.451	45.449
14)	MA Endrin	6.545	5.712	162.9E6	268.7E6	52.387	44.082
15)	B Endosulfa...	6.758	6.004	168.4E6	265.7E6	48.537	45.316
16)	A 4,4'-DDD	6.677	5.859	148.9E6	249.4E6	51.127	48.628
17)	MA 4,4'-DDT	6.992	6.112	152.4E6	246.4E6	50.219	42.971
18)	B Endrin al...	6.887	6.182	126.6E6	205.4E6	56.623	46.114
19)	B Endosulfa...	7.120	6.406	157.2E6	255.1E6	51.404	45.360
20)	A Methoxychlor	7.463	6.685	74704339	130.7E6	47.419m	43.038
21)	B Endrin ke...	7.600	6.908	165.2E6	289.7E6	50.032	46.335m
22)	Mirex	8.080	7.101	135.6E6	219.9E6	48.749	44.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096310.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:39
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

G4(0-6)MSD

Manual Integrations

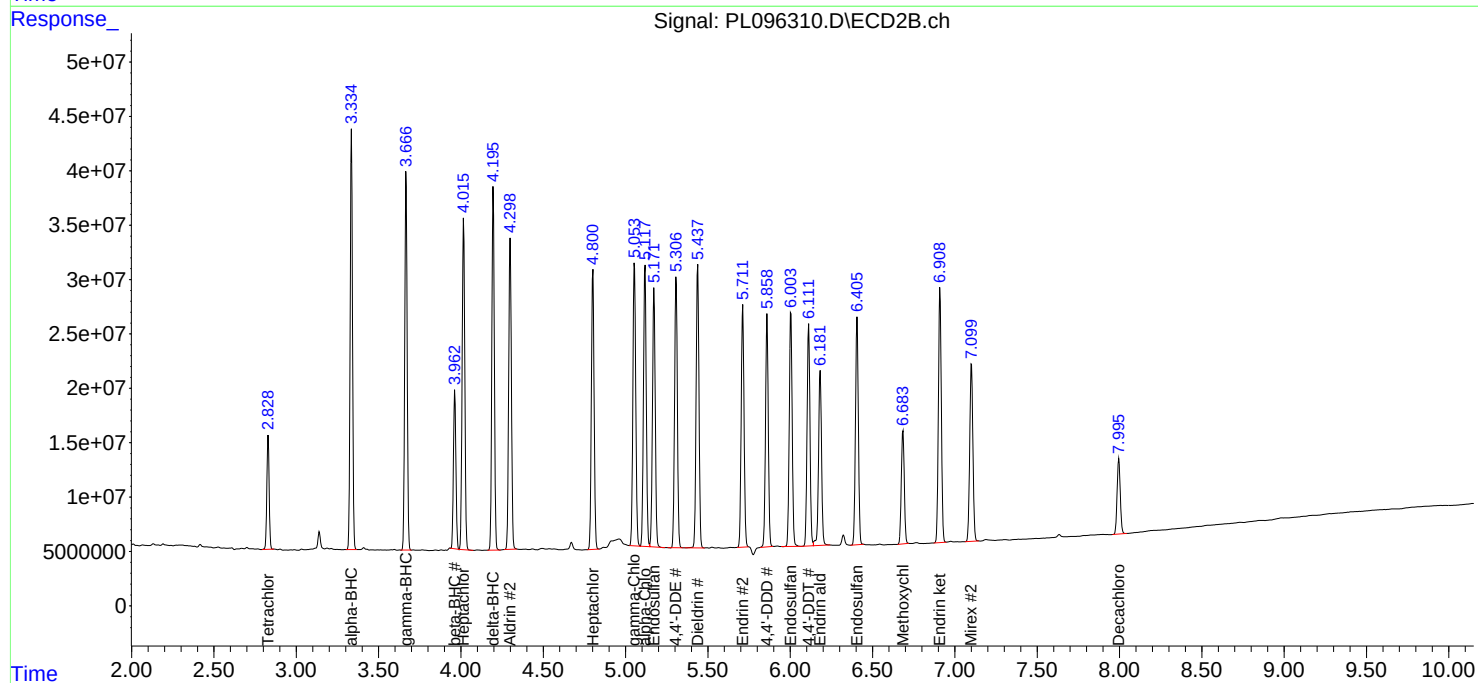
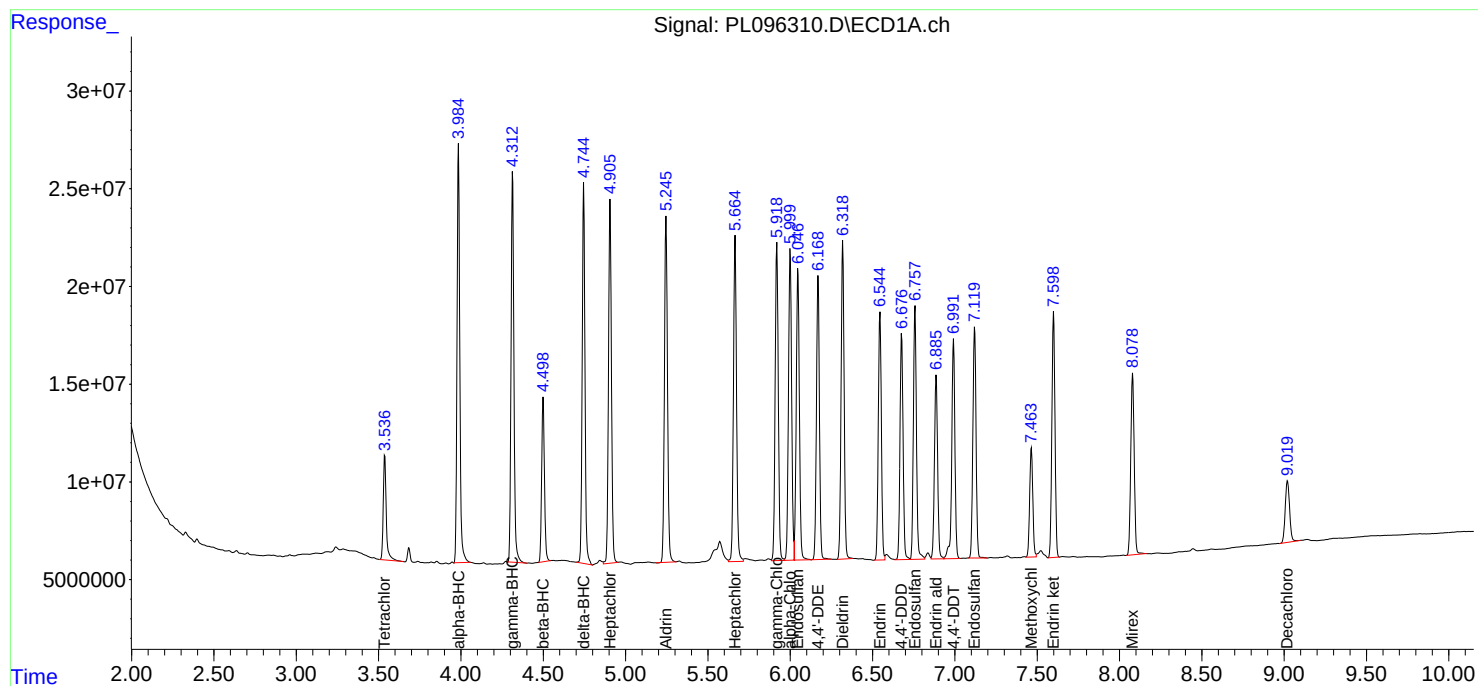
APPROVED

Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096238.D	4,4"-DDD	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	4,4"-DDD #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin ketone #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
RESCHK	PL096239.D	Endosulfan I #2	Abdul	7/8/2025 3:56:31 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC100	PL096240.D	Endrin ketone #2	Abdul	7/8/2025 7:52:23 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC075	PL096241.D	beta-BHC	Abdul	7/8/2025 7:51:37 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC025	PL096243.D	Endosulfan II #2	Abdul	7/8/2025 7:51:40 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	4,4"-DDE #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Dieldrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan I #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan II #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

Manual Integration Report

Sequence:

PL070725

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL096244.D	Endrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin ketone #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Heptachlor epoxide #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Aldrin	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Heptachlor epoxide	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PCHLORICV500	PL096256.D	Chlordane-1	Abdul	7/8/2025 7:51:59 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

Manual Integration Report

Sequence:	pl071025	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096296.D	Endrin aldehyde	Abdul	7/11/2025 8:28:18 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096297.D	Endosulfan II #2	Abdul	7/11/2025 8:28:22 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096303.D	Heptachlor epoxide	Abdul	7/11/2025 8:28:41 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PB168794BS	PL096306.D	Heptachlor epoxide	Abdul	7/11/2025 8:28:45 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-01MS	PL096309.D	Endrin ketone #2	Abdul	7/11/2025 8:28:48 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-01MSD	PL096310.D	Endrin ketone #2	Abdul	7/11/2025 8:28:52 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-01MSD	PL096310.D	Methoxychlor	Abdul	7/11/2025 8:28:52 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096315.D	Aldrin	Abdul	7/11/2025 8:28:55 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096315.D	Endrin aldehyde	Abdul	7/11/2025 8:28:55 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-08	PL096319.D	Tetrachloro-m-xylene	Abdul	7/11/2025 8:28:59 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Dieldrin #2	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Endosulfan I #2	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Endosulfan II	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software

Manual Integration Report

Sequence:

pl071025

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096325.D	Endrin aldehyde	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Heptachlor epoxide	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Dieldrin #2	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Endosulfan II	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Endrin aldehyde	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Heptachlor epoxide	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM
SubDirectory	PL070725	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096236.D	07 Jul 2025 09:59	AR\AJ	Ok
2	I.BLK	PL096237.D	07 Jul 2025 10:12	AR\AJ	Ok
3	PEM	PL096238.D	07 Jul 2025 10:26	AR\AJ	Ok,M
4	RESCHK	PL096239.D	07 Jul 2025 10:40	AR\AJ	Ok,M
5	PSTDICC100	PL096240.D	07 Jul 2025 10:53	AR\AJ	Ok,M
6	PSTDICC075	PL096241.D	07 Jul 2025 11:09	AR\AJ	Ok,M
7	PSTDICC050	PL096242.D	07 Jul 2025 11:22	AR\AJ	Ok
8	PSTDICC025	PL096243.D	07 Jul 2025 11:36	AR\AJ	Ok,M
9	PSTDICC005	PL096244.D	07 Jul 2025 11:49	AR\AJ	Ok,M
10	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03	AR\AJ	Ok
11	PCHLORICC750	PL096246.D	07 Jul 2025 12:17	AR\AJ	Ok
12	PCHLORICC500	PL096247.D	07 Jul 2025 12:30	AR\AJ	Ok
13	PCHLORICC250	PL096248.D	07 Jul 2025 12:44	AR\AJ	Ok
14	PCHLORICC050	PL096249.D	07 Jul 2025 12:58	AR\AJ	Ok,M
15	PTOXICC1000	PL096250.D	07 Jul 2025 13:11	AR\AJ	Ok
16	PTOXICC750	PL096251.D	07 Jul 2025 13:25	AR\AJ	Ok
17	PTOXICC500	PL096252.D	07 Jul 2025 13:39	AR\AJ	Ok
18	PTOXICC250	PL096253.D	07 Jul 2025 13:52	AR\AJ	Ok,M
19	PTOXICC100	PL096254.D	07 Jul 2025 14:06	AR\AJ	Ok,M
20	PSTDICV050	PL096255.D	07 Jul 2025 14:19	AR\AJ	Ok,M
21	PCHLORICV500	PL096256.D	07 Jul 2025 14:33	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM
SubDirectory	PL070725	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL096257.D	07 Jul 2025 14:47	AR\AJ	Ok
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M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096294.D	10 Jul 2025 09:09	AR\AJ	Ok
2	I.BLK	PL096295.D	10 Jul 2025 09:23	AR\AJ	Ok
3	PEM	PL096296.D	10 Jul 2025 09:36	AR\AJ	Ok,M
4	PSTDCCC050	PL096297.D	10 Jul 2025 10:28	AR\AJ	Ok,M
5	PTOXCCC500	PL096298.D	10 Jul 2025 11:42	AR\AJ	Ok
6	Q2126-03	PL096299.D	10 Jul 2025 12:01	AR\AJ	Ok,M
7	Q2126-09	PL096300.D	10 Jul 2025 12:18	AR\AJ	Ok,M
8	Q2126-09	PL096301.D	10 Jul 2025 12:31	AR\AJ	Ok,M
9	I.BLK	PL096302.D	10 Jul 2025 12:49	AR\AJ	Ok
10	PSTDCCC050	PL096303.D	10 Jul 2025 13:31	AR\AJ	Ok,M
11	PTOXCCC500	PL096304.D	10 Jul 2025 13:44	AR\AJ	Ok
12	PB168794BL	PL096305.D	10 Jul 2025 14:08	AR\AJ	Ok
13	PB168794BS	PL096306.D	10 Jul 2025 14:39	AR\AJ	Ok,M
14	PB168728TB	PL096307.D	10 Jul 2025 14:58	AR\AJ	Ok
15	Q2489-01	PL096308.D	10 Jul 2025 15:12	AR\AJ	Ok
16	Q2489-01MS	PL096309.D	10 Jul 2025 15:25	AR\AJ	Ok,M
17	Q2489-01MSD	PL096310.D	10 Jul 2025 15:39	AR\AJ	Ok,M
18	Q2489-02	PL096311.D	10 Jul 2025 15:53	AR\AJ	Ok
19	Q2489-03	PL096312.D	10 Jul 2025 16:06	AR\AJ	Ok
20	Q2489-04	PL096313.D	10 Jul 2025 16:20	AR\AJ	Ok
21	I.BLK	PL096314.D	10 Jul 2025 17:15	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PSTDCCC050	PL096315.D	10 Jul 2025 17:29	AR\AJ	Ok,M
23	Q2489-05	PL096316.D	10 Jul 2025 18:01	AR\AJ	Ok
24	Q2489-06	PL096317.D	10 Jul 2025 18:14	AR\AJ	Ok
25	Q2489-07	PL096318.D	10 Jul 2025 18:28	AR\AJ	Ok
26	Q2489-08	PL096319.D	10 Jul 2025 18:41	AR\AJ	Ok,M
27	PB168789BL	PL096320.D	10 Jul 2025 18:55	AR\AJ	Ok
28	PB168789BS	PL096321.D	10 Jul 2025 19:09	AR\AJ	Ok,M
29	PB168789TB	PL096322.D	10 Jul 2025 19:22	AR\AJ	Ok
30	I.BLK	PL096323.D	10 Jul 2025 19:36	AR\AJ	Ok
31	PEM	PL096324.D	10 Jul 2025 19:50	AR\AJ	Ok
32	PSTDCCC050	PL096325.D	10 Jul 2025 20:03	AR\AJ	Ok,M
33	Q2489-01	PL096326.D	10 Jul 2025 20:30	AR\AJ	Not Ok
34	Q2489-01MS	PL096327.D	10 Jul 2025 20:44	AR\AJ	Not Ok
35	Q2489-01MSD	PL096328.D	10 Jul 2025 20:58	AR\AJ	Not Ok
36	Q2489-02	PL096329.D	10 Jul 2025 21:11	AR\AJ	Ok,M
37	Q2489-03	PL096330.D	10 Jul 2025 21:25	AR\AJ	Ok
38	Q2489-04	PL096331.D	10 Jul 2025 21:39	AR\AJ	Ok,M
39	Q2489-05	PL096332.D	10 Jul 2025 21:52	AR\AJ	Ok
40	Q2489-06	PL096333.D	10 Jul 2025 22:06	AR\AJ	Ok,M
41	Q2489-07	PL096334.D	10 Jul 2025 22:19	AR\AJ	Ok
42	Q2489-08	PL096335.D	10 Jul 2025 22:33	AR\AJ	Ok
43	I.BLK	PL096336.D	10 Jul 2025 22:47	AR\AJ	Ok
44	PSTDCCC050	PL096337.D	11 Jul 2025 00:09	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM
SubDirectory	PL070725	HP Acquire Method	HP Processing Method p1070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096236.D	07 Jul 2025 09:59		AR\AJ	Ok
2	I.BLK	I.BLK	PL096237.D	07 Jul 2025 10:12		AR\AJ	Ok
3	PEM	PEM	PL096238.D	07 Jul 2025 10:26		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL096239.D	07 Jul 2025 10:40		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL096240.D	07 Jul 2025 10:53		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL096241.D	07 Jul 2025 11:09		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL096242.D	07 Jul 2025 11:22		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL096243.D	07 Jul 2025 11:36		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL096244.D	07 Jul 2025 11:49		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL096246.D	07 Jul 2025 12:17		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL096247.D	07 Jul 2025 12:30		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL096248.D	07 Jul 2025 12:44		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL096249.D	07 Jul 2025 12:58		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL096250.D	07 Jul 2025 13:11		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL096251.D	07 Jul 2025 13:25		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL096252.D	07 Jul 2025 13:39		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL096253.D	07 Jul 2025 13:52		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM
SubDirectory	PL070725	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PL096254.D	07 Jul 2025 14:06		AR\AJ	Ok,M
20	PSTDICV050	ICVPL070725	PL096255.D	07 Jul 2025 14:19		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL070725	PL096256.D	07 Jul 2025 14:33		AR\AJ	Ok,M
22	PTOXICV500	ICVPL070725	PL096257.D	07 Jul 2025 14:47		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method p1070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096294.D	10 Jul 2025 09:09		AR\AJ	Ok
2	I.BLK	I.BLK	PL096295.D	10 Jul 2025 09:23		AR\AJ	Ok
3	PEM	PEM	PL096296.D	10 Jul 2025 09:36		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096297.D	10 Jul 2025 10:28		AR\AJ	Ok,M
5	PTOXC500	PTOXC500	PL096298.D	10 Jul 2025 11:42		AR\AJ	Ok
6	Q2126-03	MDL-SOIL-03-QT2-202	PL096299.D	10 Jul 2025 12:01		AR\AJ	Ok,M
7	Q2126-09	MDL-WATER-03-QT2-2	PL096300.D	10 Jul 2025 12:18		AR\AJ	Ok,M
8	Q2126-09	MDL-WATER-03-QT2-2	PL096301.D	10 Jul 2025 12:31		AR\AJ	Ok,M
9	I.BLK	I.BLK	PL096302.D	10 Jul 2025 12:49		AR\AJ	Ok
10	PSTDCCC050	PSTDCCC050	PL096303.D	10 Jul 2025 13:31		AR\AJ	Ok,M
11	PTOXC500	PTOXC500	PL096304.D	10 Jul 2025 13:44		AR\AJ	Ok
12	PB168794BL	PB168794BL	PL096305.D	10 Jul 2025 14:08		AR\AJ	Ok
13	PB168794BS	PB168794BS	PL096306.D	10 Jul 2025 14:39		AR\AJ	Ok,M
14	PB168728TB	PB168728TB	PL096307.D	10 Jul 2025 14:58		AR\AJ	Ok
15	Q2489-01	G4(0-6)	PL096308.D	10 Jul 2025 15:12		AR\AJ	Ok
16	Q2489-01MS	G4(0-6)MS	PL096309.D	10 Jul 2025 15:25		AR\AJ	Ok,M
17	Q2489-01MSD	G4(0-6)MSD	PL096310.D	10 Jul 2025 15:39		AR\AJ	Ok,M
18	Q2489-02	G4(6-12)	PL096311.D	10 Jul 2025 15:53		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2489-03	G3(0-6)	PL096312.D	10 Jul 2025 16:06		AR\AJ	Ok
20	Q2489-04	G3(6-12)	PL096313.D	10 Jul 2025 16:20		AR\AJ	Ok
21	I.BLK	I.BLK	PL096314.D	10 Jul 2025 17:15		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PL096315.D	10 Jul 2025 17:29		AR\AJ	Ok,M
23	Q2489-05	G2(0-6)	PL096316.D	10 Jul 2025 18:01		AR\AJ	Ok
24	Q2489-06	G2(6-12)	PL096317.D	10 Jul 2025 18:14		AR\AJ	Ok
25	Q2489-07	G1(0-6)	PL096318.D	10 Jul 2025 18:28		AR\AJ	Ok
26	Q2489-08	G1(6-12)	PL096319.D	10 Jul 2025 18:41		AR\AJ	Ok,M
27	PB168789BL	PB168789BL	PL096320.D	10 Jul 2025 18:55		AR\AJ	Ok
28	PB168789BS	PB168789BS	PL096321.D	10 Jul 2025 19:09		AR\AJ	Ok,M
29	PB168789TB	PB168789TB	PL096322.D	10 Jul 2025 19:22		AR\AJ	Ok
30	I.BLK	I.BLK	PL096323.D	10 Jul 2025 19:36		AR\AJ	Ok
31	PEM	PEM	PL096324.D	10 Jul 2025 19:50		AR\AJ	Ok
32	PSTDCCC050	PSTDCCC050	PL096325.D	10 Jul 2025 20:03		AR\AJ	Ok,M
33	Q2489-01	G4(0-6)	PL096326.D	10 Jul 2025 20:30		AR\AJ	Not Ok
34	Q2489-01MS	G4(0-6)MS	PL096327.D	10 Jul 2025 20:44	F Flag in 1st column	AR\AJ	Not Ok
35	Q2489-01MSD	G4(0-6)MSD	PL096328.D	10 Jul 2025 20:58	Run with MS	AR\AJ	Not Ok
36	Q2489-02	G4(6-12)	PL096329.D	10 Jul 2025 21:11		AR\AJ	Ok,M
37	Q2489-03	G3(0-6)	PL096330.D	10 Jul 2025 21:25		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM
SubDirectory	PL071025	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q2489-04	G3(6-12)	PL096331.D	10 Jul 2025 21:39		AR\AJ	Ok,M
39	Q2489-05	G2(0-6)	PL096332.D	10 Jul 2025 21:52		AR\AJ	Ok
40	Q2489-06	G2(6-12)	PL096333.D	10 Jul 2025 22:06		AR\AJ	Ok,M
41	Q2489-07	G1(0-6)	PL096334.D	10 Jul 2025 22:19		AR\AJ	Ok
42	Q2489-08	G1(6-12)	PL096335.D	10 Jul 2025 22:33		AR\AJ	Ok
43	I.BLK	I.BLK	PL096336.D	10 Jul 2025 22:47		AR\AJ	Ok
44	PSTDCCC050	PSTDCCC050	PL096337.D	11 Jul 2025 00:09		AR\AJ	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 07/03/2025 Time : 15:00

End Prep Date : 07/04/2025 Time : 08:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 

Supervisor By : 

Standard 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	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q2489-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/10/25 11:00	 <i>Rec'd Room</i>	<i>SKG</i> <i>RJ 1641</i>
	Preparation Group	Analysis Group <i>1/2/21/24</i>

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
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168728TB	LEB728	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

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
PB168728TB	LEB728	N/A	N/A	N/A	N/A	#1	4.93
Q2489-01	G4(0-6)	5.02	96.5	7.6	2.5	#1	4.93
Q2489-02	G4(6-12)	5.01	96.5	8.0	3.0	#1	4.93
Q2489-03	G3(0-6)	5.02	96.5	8.0	3.0	#1	4.93
Q2489-04	G3(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-05	G2(0-6)	5.04	96.5	9.0	3.5	#1	4.93
Q2489-06	G2(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-07	G1(0-6)	5.02	96.5	9.2	3.5	#1	4.93
Q2489-08	G1(6-12)	5.01	96.5	8.6	3.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2487

WorkList ID : 190546

Department : TCLP Extraction

Date : 07-03-2025 11:48:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-02	G4(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-03	G3(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-04	G3(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-05	G2(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-06	G2(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-07	G1(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-08	G1(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311

Date/Time 07/03/25 12:30

Raw Sample Received by: SC (090)

Raw Sample Relinquished by: JDCSM

Date/Time 07/03/25 17:30

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: JDCSM

SOP ID : M1312-SPLP-10
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-2
TCLP Filter ID : 115525

Start Prep Date : 07/08/2025 Time : 14:00
End Prep Date : 07/09/2025 Time : 07:15
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : *[Signature]*

Standard 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
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Tumbler T-2 checked,30 rpm. Matrix spikes are added after filtration and before preservation. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/10/25 11:00	<i>[Signature]</i> HCA Room	<i>[Signature]</i> RS 1 Ext
	Preparation Group	Analysis Group <i>[Signature]</i>

SPLP EXTRACTION LOGPAGE

PB168755

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
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168755TB	LEB755	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

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
PB168755TB	LEB755	N/A	N/A	N/A	N/A	#1	4.24
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	#1	4.24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2489

WorkList ID : 190584

Department : TCLP Extraction

Date : 07-08-2025 11:59:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-02	G4(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-03	G3(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-04	G3(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-05	G2(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-06	G2(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-07	G1(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-08	G1(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312

Date/Time 07/08/25 12:20

Raw Sample Received by: WAC

Raw Sample Relinquished by: cf sn

Date/Time 07/08/25 13:30

Raw Sample Received by: cf sn

Raw Sample Relinquished by: Shaw

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 07/09/2025

Extraction Start Time : 11:39

Extraction End Date : 07/09/2025

Extraction End Time : 16:10

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24627
Surrogate	1.0ML	200 PPB	PP24663
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	E3943
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3950
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/9/25	RS (Ext Lab)	Per PCB Lab
16:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 07/09/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168789BL	PBLK789	SPLP Pesticide	1000	6	RUPESH	ritesh	10			SEP-1
PB168789BS	PLCS789	SPLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB168789TB	PB168789TB	SPLP Pesticide	1000	6	RUPESH	ritesh	10			3
Q2489-01	G4(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		4
Q2489-01MS	G4(0-6)MS	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		5
Q2489-01MS D	G4(0-6)MSD	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		6
Q2489-02	G4(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		7
Q2489-03	G3(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		8
Q2489-04	G3(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		9
Q2489-05	G2(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		10
Q2489-06	G2(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		11
Q2489-07	G1(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		12
Q2489-08	G1(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		13

* Extracts relinquished on the same date as received.



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
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

07/09/15
MJC

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A **Extraction Start Date :** 07/10/2025

Matrix : Water **Extraction Start Time :** 08:34

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 07/10/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 13:10

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24627
Surrogate	1.0ML	200 PPB	PP24663
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	E3943
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3950
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 # 03-40BTS723.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/10/25	RS (Ext- Lab)	RS (Ext- Lab)
13:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 07/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168728TB	PB168728TB	TCLP Pesticide	100	6	RUPESH	Evelyn	10			SEP-1
PB168755TB	PB168755TB	TCLP Pesticide		6	RUPESH	Evelyn	10			
PB168794BL	PBLK794	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			2
PB168794BS	PLCS794	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			3
Q2489-01	G4(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		4
Q2489-01MS	G4(0-6)MS	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		5
Q2489-01MS D	G4(0-6)MSD	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		6
Q2489-02	G4(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		7
Q2489-03	G3(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		8
Q2489-04	G3(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		9
Q2489-05	G2(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		10
Q2489-06	G2(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		11
Q2489-07	G1(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		12
Q2489-08	G1(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		13

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
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

07/07/25
11:00



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: j.sylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. TEL VOCs + TLCS
2. TEL SVOCs + TLCS
3. TEL VOCs + TLCS
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6. TEL VOCs + TLCS
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100. TEL VOCs + TLCS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES										COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	E	E	E	E	E	E	E	E	E	Specify Preservatives	
1.	G4(1.5)	Soil		X	7/1/25	1025	6	X										A-HCl	D-NaOH
2.	G4(10)			X		1045		X										B-HNO3	E-ICE
3.	G3(9)			X		1150		X										C-H2SO4	F-OTHER (methanol)
4.	G3(3)			X		1200		X											
5.	G2(2.5)			X		1325		X											
6.	G2(9)			X		1330		X											
7.	G1(4.5)			X		1430		X											
8.	G1(10)			X		1440	↓	X											
9.	G4(0-6)		X			1100	7		X	X	X	X	X	X	X	X		3x vials (temperature)	
10.	G4(6-12)		X			1110	↓		X	X	X	X	X	X	X	X		1x 802 + 1x plastic	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <u>[Signature]</u>	7/1/25 1600	1. <u>Benie Dion Gokan</u>	Comments: <u>Full analyte list in B. Gokan email on 6/26/25 to J. Hedvat</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>Benie Dion Gokan</u>	7-1-25	2. <u>[Signature]</u> 1600	<u>See Bottle order # B2506068 + B2506069</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	7-1-25	3. <u>[Signature]</u>	<u>Add'l analyses - Paint Filter, Organic Content by LOI, TS, TVS, Ammonia + Nitrogen, COD, Oil + Grease</u>

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction

ADDRESS: 150 Clare Rd, 11th Floor

CITY: Little Falls

STATE: NJ ZIP: 07424

ATTENTION: Benie Dora Gokan

PHONE: 646-285-7234

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 173-1873

PROJECT NO.: 220084 LOCATION: Queens, NY

PROJECT MANAGER: Jesse Sylvestri

e-mail: j.sylvestri@walshgroup.com

PHONE: 201-681-9740

FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:

ADDRESS: 150 Clare Rd, 11th Floor

CITY: Little Falls

STATE: NJ ZIP: 07424

ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH)

DAYS*

HARDCOPY (DATA PACKAGE):

DAYS*

EDD: STANDARD TAT

DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1. TCL TOC + TICs
2. TCL TOC + TICs
3. TCL TOC + TICs
4. TCL TOC + TICs
5. TCL TOC + TICs
6. TCL TOC + TICs
7. TCL TOC + TICs
8. TCL TOC + TICs
9. TCL TOC + TICs
*See add'l
analyses in
comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		F+H	E	E	E	E	E	E	E	E	
								1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER (method)
1.	G3 (0-6)	Soil	X		7/1/25	1235	7		X	X	X	X	X	X	X	X	7 x 8 oz jars
2.	G3 (6-12)					1245											
3.	G2 (0-6)					1350											
4.	G2 (6-12)					1400											
5.	G1 (0-6)					1410											
6.	G1 (6-12)	↓	↓		↓	1420	↓										
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <u>[Signature]</u>	<u>7/1/25 1600</u>	1. <u>Benie Dora Gokan</u>	3.5 °C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments: <u>Full analyte list in B. Gokan email on 6/26/25 to J. Heavitt</u>
2. <u>Benie Dora Gokan</u>	<u>7-1-25</u>	<u>[Signature]</u> 1600	<u>See Bottle Order #B25060608 P B25060609</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	<u>Add'l analyses - Point Filter, Organic Content by LOI, TS, TVS,</u>
3. <u>[Signature]</u>		3. <u>[Signature]</u>	<u>Ammonia + Nitrogen, COD, Oil & Grease</u>
			CLIENT: ☐ Hand Delivered ☐ Other
			Page <u>2</u> of <u>2</u>
			Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488