

Cover Page

Order ID : Q3032

Project ID : 3 Coal Ave., Morristown, NJ

Client : Zuccaro Inc.

Lab Sample Number

Q3032-01
Q3032-02
Q3032-03
Q3032-04
Q3032-05
Q3032-06

Client Sample Number

SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-2
SOIL-PILE-2
SOIL-PILE-2

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: 9/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 #: Q3032

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: 09/13/2025

LAB CHRONICLE

OrderID: Q3032	OrderDate: 9/5/2025 12:41:17 PM
Client: Zuccaro Inc.	Project: 3 Coal Ave., Morristown, NJ
Contact: Sal Zuccaro	Location: D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-02	SOIL-PILE-1	TCLP	TCLP Pesticide	8081B	09/05/25	09/11/25	09/11/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-05	SOIL-PILE-2	TCLP	TCLP Pesticide	8081B	09/05/25	09/11/25	09/11/25	09/05/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3032

Order ID: Q3032

Client: Zuccaro Inc.

Project ID: 3 Coal Ave., Morristown, NJ

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.: **Q3032**

Client: **Zuccaro Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096921.D	PIBLK-PL096921.D	Decachlorobiphen	1	20	19.1	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.4	87		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.8	94		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.8	89		30 (61)	150 (148)
I.BLK-PL097148.D	PIBLK-PL097148.D	Decachlorobiphen	1	20	21.4	107		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.9	105		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.2	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.8	104		30 (61)	150 (148)
PB169663BL	PB169663BL	Decachlorobiphen	1	20	17.9	90		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.3	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.2	101		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.7	89		30 (61)	150 (148)
PB169663BS	PB169663BS	Decachlorobiphen	1	20	22.5	113		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.5	107		30 (61)	150 (148)
		Decachlorobiphen	2	20	25.3	127		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.3	112		30 (61)	150 (148)
PB169589TB	PB169589TB	Decachlorobiphen	1	20	18.1	91		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.1	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.4	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.7	88		30 (61)	150 (148)
Q3032-02	SOIL-PILE-1	Decachlorobiphen	1	20	21.5	108		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.4	122		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.1	111		30 (61)	150 (148)
Q3032-02MS	SOIL-PILE-1MS	Decachlorobiphen	1	20	21.6	108		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.6	123		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.7	104		30 (61)	150 (148)
Q3032-02MSD	SOIL-PILE-1MSD	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.4	122		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.3	102		30 (61)	150 (148)
Q3032-05	SOIL-PILE-2	Decachlorobiphen	1	20	20.6	103		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.6	118		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.7	103		30 (61)	150 (148)
I.BLK-PL097158.D	PIBLK-PL097158.D	Decachlorobiphen	1	20	20.8	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.9	115		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.8	104		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PL097155.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.40	ug/L	108				30 (60)	150 (152)	
	Heptachlor	5	0	5.50	ug/L	110				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.10	ug/L	102				30 (77)	150 (143)	
	Endrin	5	0	5.40	ug/L	108				30 (76)	150 (144)	
	Methoxychlor	5	0	5.00	ug/L	100				30 (70)	150 (142)	
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.90	ug/L	118				30 (60)	150 (152)	
	Heptachlor	5	0	5.60	ug/L	112				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.80	ug/L	116				30 (77)	150 (143)	
	Endrin	5	0	5.80	ug/L	116				30 (76)	150 (144)	
	Methoxychlor	5	0	5.60	ug/L	112				30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PL097156.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Low	Limits	
			Qual	RPD			Qual	High	RPD			
Lab Sample ID:	Q3032-02MSD	Client Sample ID:		SOIL-PILE-1MSD								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.40	ug/L	108		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.00	ug/L	100		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.40	ug/L	108		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	4.90	ug/L	98		2		30 (70)	150 (142)	20 (20)
Lab Sample ID:	Q3032-02MSD	Client Sample ID:		SOIL-PILE-1MSD								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.80	ug/L	116		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.80	ug/L	116		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.70	ug/L	114		2		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.60	ug/L	112		0		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: 8081B

Client: Zuccaro Inc.

Datafile : PL097152.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169663BS (Column 1)	gamma-BHC (Lindane)	0.5	0.49	ug/L	98				40 (82)	140 (129)	
	Heptachlor	0.5	0.50	ug/L	101				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.46	ug/L	93				40 (81)	140 (124)	
	Endrin	0.5	0.48	ug/L	95				40 (81)	140 (128)	
	Methoxychlor	0.5	0.45	ug/L	90				40 (78)	140 (108)	
PB169663BS (Column 2)	gamma-BHC (Lindane)	0.5	0.54	ug/L	107				40 (82)	140 (129)	
	Heptachlor	0.5	0.51	ug/L	103				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.54	ug/L	107				40 (81)	140 (124)	
	Endrin	0.5	0.51	ug/L	103				40 (81)	140 (128)	
	Methoxychlor	0.5	0.50	ug/L	101				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169663BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169663BL

Lab File ID: PL097151.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/11/2025

Date Analyzed (1): 09/11/2025

Date Analyzed (2): 09/11/2025

Time Analyzed (1): 17:38

Time Analyzed (2): 17:38

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
PB169663BS	PB169663BS	PL097152.D	09/11/2025	09/11/2025
PB169589TB	PB169589TB	PL097153.D	09/11/2025	09/11/2025
SOIL-PILE-1	Q3032-02	PL097154.D	09/11/2025	09/11/2025
SOIL-PILE-1MS	Q3032-02MS	PL097155.D	09/11/2025	09/11/2025
SOIL-PILE-1MSD	Q3032-02MSD	PL097156.D	09/11/2025	09/11/2025
SOIL-PILE-2	Q3032-05	PL097157.D	09/11/2025	09/11/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PB169589TB	SDG No.:	Q3032
Lab Sample ID:	PB169589TB	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
PL097153.D	1	09/11/25 09:30	09/11/25 18:05	PB169663

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	20.4		30 (57) - 150 (171)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		30 (61) - 150 (148)	88%	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\PL091325\
Data File : PL097153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:05
Operator : AR\AJ
Sample : PB169589TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169589TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.823	67544026	99734321	17.126	17.694
28)	SA Decachlor...	8.999	7.983	53747448	97763803	18.154	20.385

Target Compounds

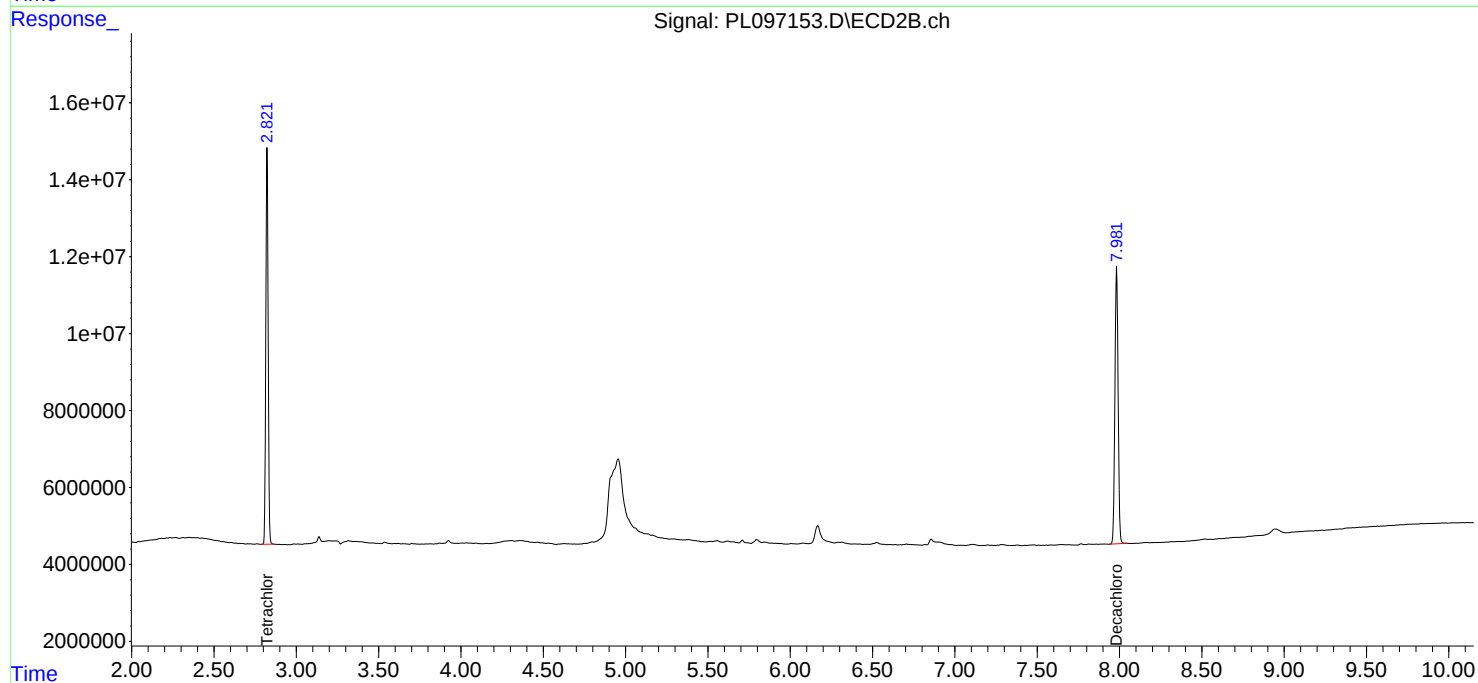
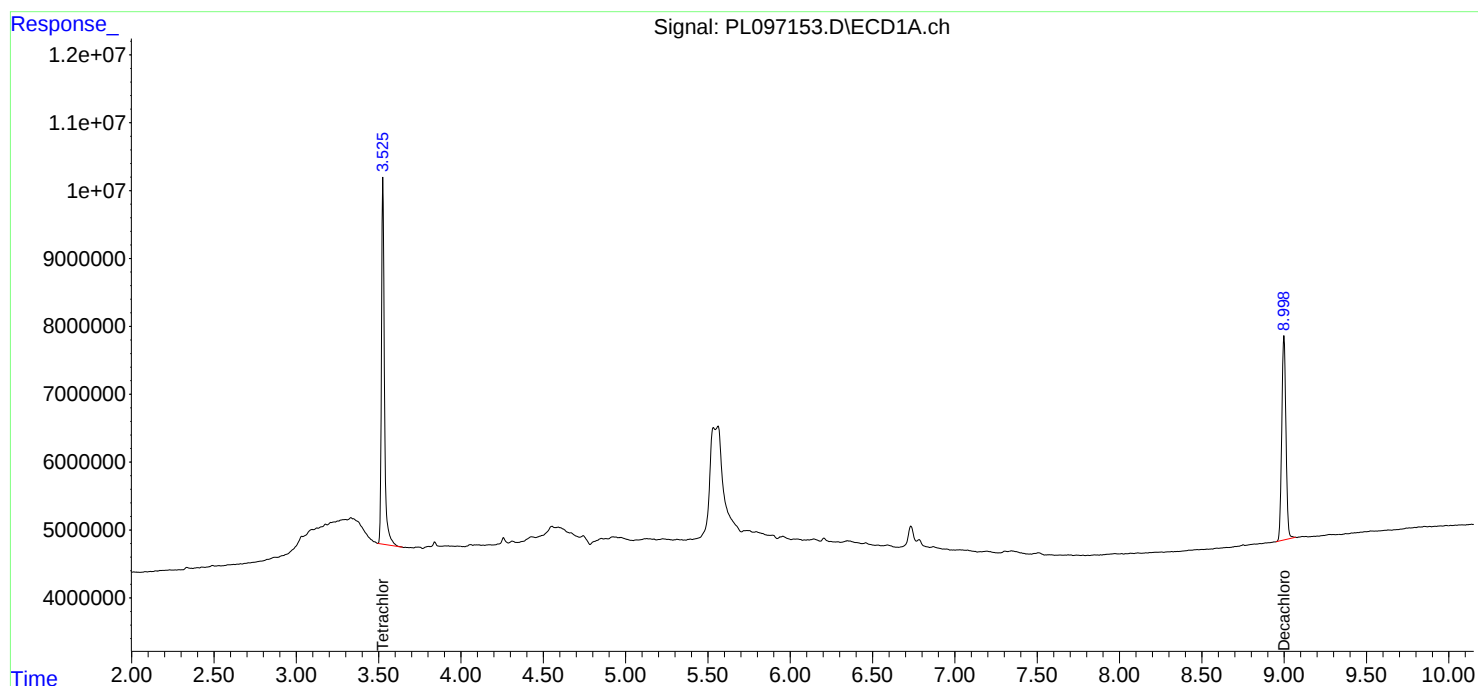
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

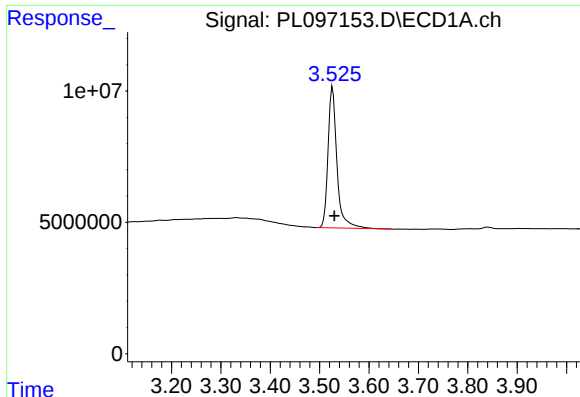
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:05
Operator : AR\AJ
Sample : PB169589TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169589TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

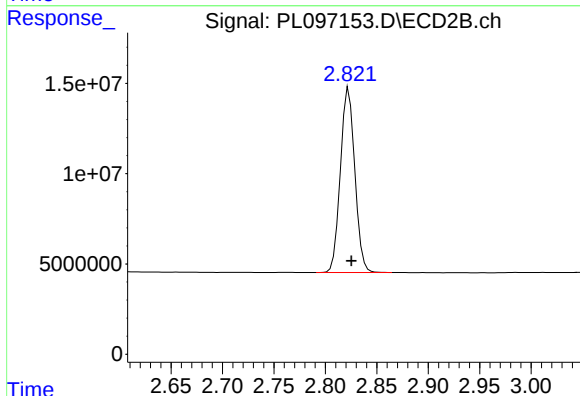




#1 Tetrachloro-m-xylene

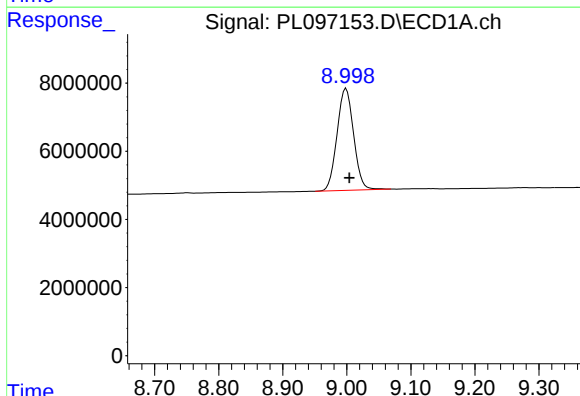
R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 67544026
Conc: 17.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169589TB



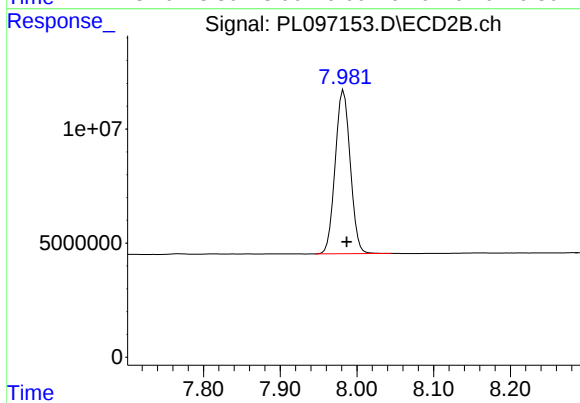
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 99734321
Conc: 17.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 53747448
Conc: 18.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 97763803
Conc: 20.39 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-02	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	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097154.D	1	09/11/25 09:30	09/11/25 18:19	PB169663

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	24.4		30 (57) - 150 (171)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		30 (61) - 150 (148)	111%	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\PL091325\
Data File : PL097154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:19
Operator : AR\AJ
Sample : Q3032-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	79752145	124.6E6	20.222	22.104
28)	SA Decachlor...	8.999	7.983	63760629	116.9E6	21.536	24.382

Target Compounds

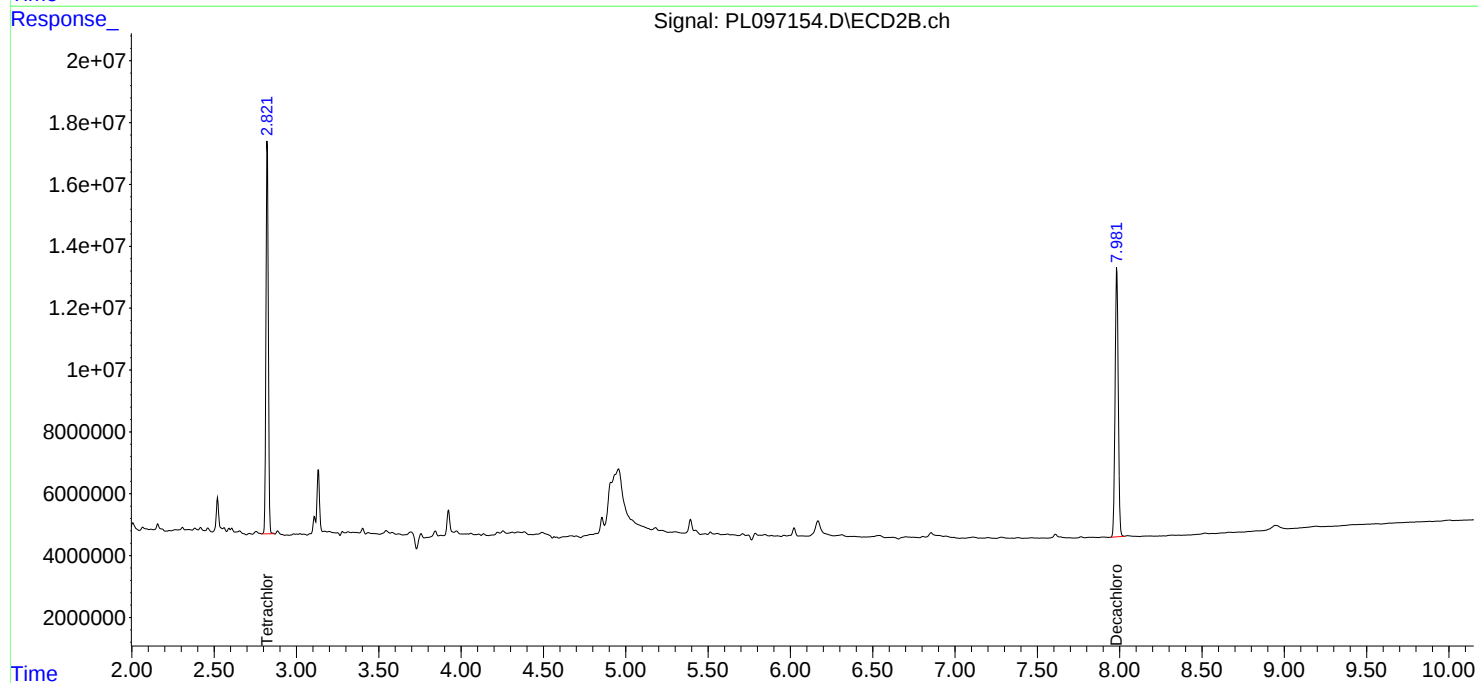
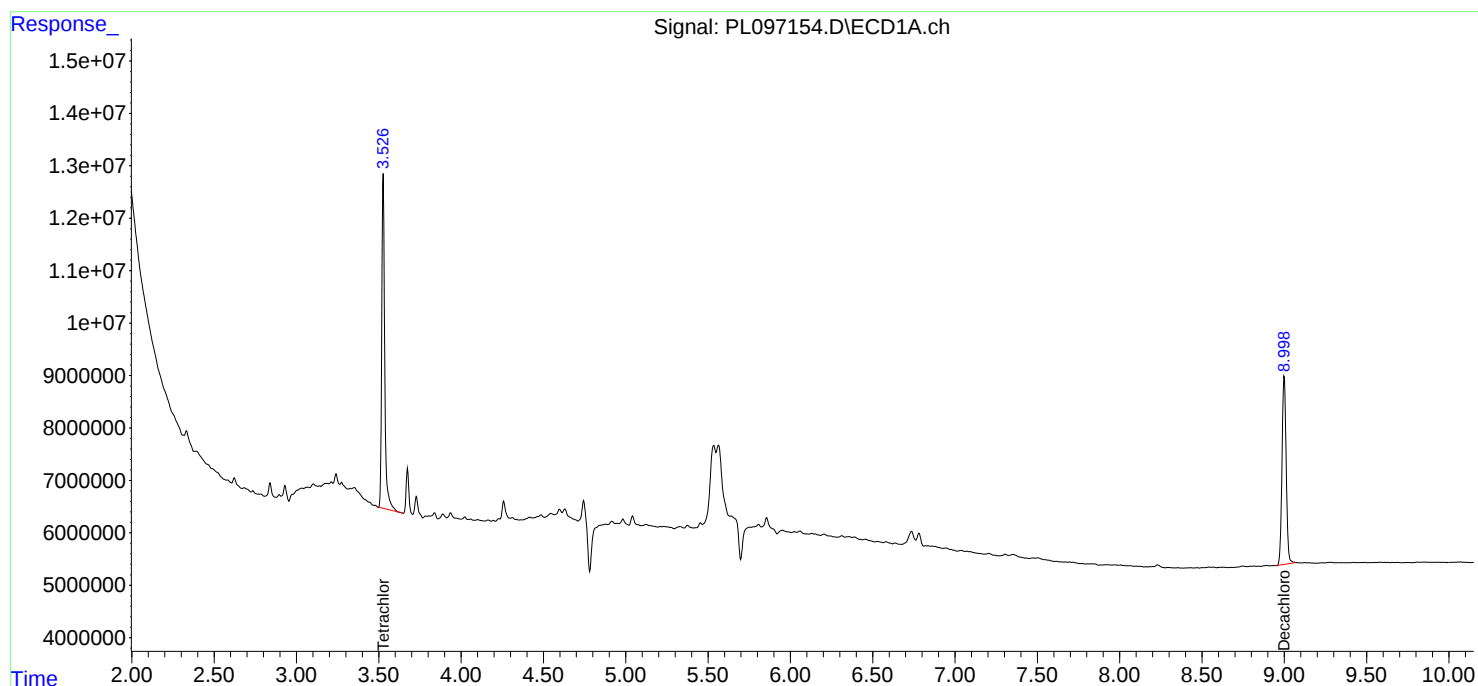
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

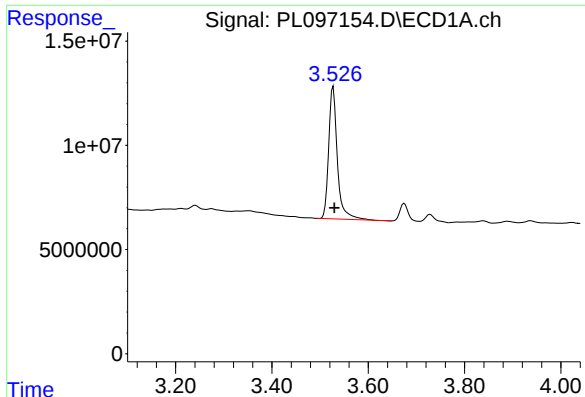
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:19
Operator : AR\AJ
Sample : Q3032-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

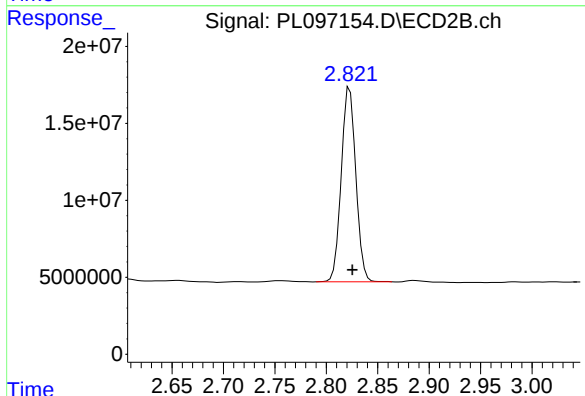




#1 Tetrachloro-m-xylene

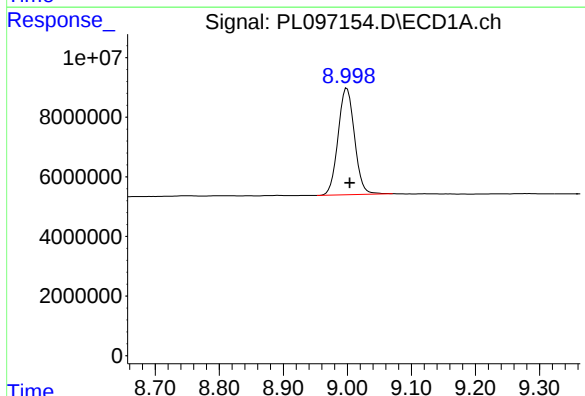
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 79752145
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-1



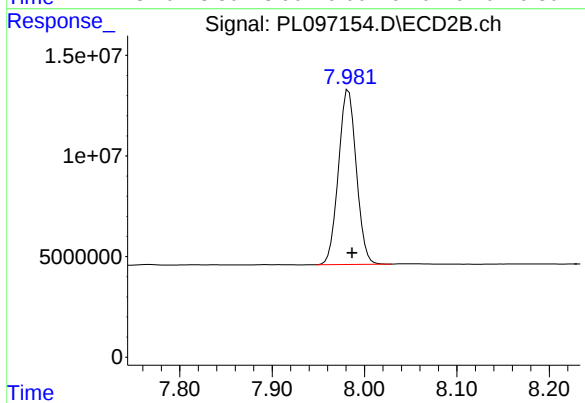
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 124592506
Conc: 22.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 63760629
Conc: 21.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 116931882
Conc: 24.38 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-05	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
PL097157.D	1	09/11/25 09:30	09/11/25 19:00	PB169663

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	23.6		30 (57) - 150 (171)	118%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (61) - 150 (148)	103%	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\PL091325\
Data File : PL097157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:00
Operator : AR\AJ
Sample : Q3032-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	79074554	116.6E6	20.050	20.690
28)	SA Decachlor...	8.999	7.982	61043804	112.9E6	20.618	23.551

Target Compounds

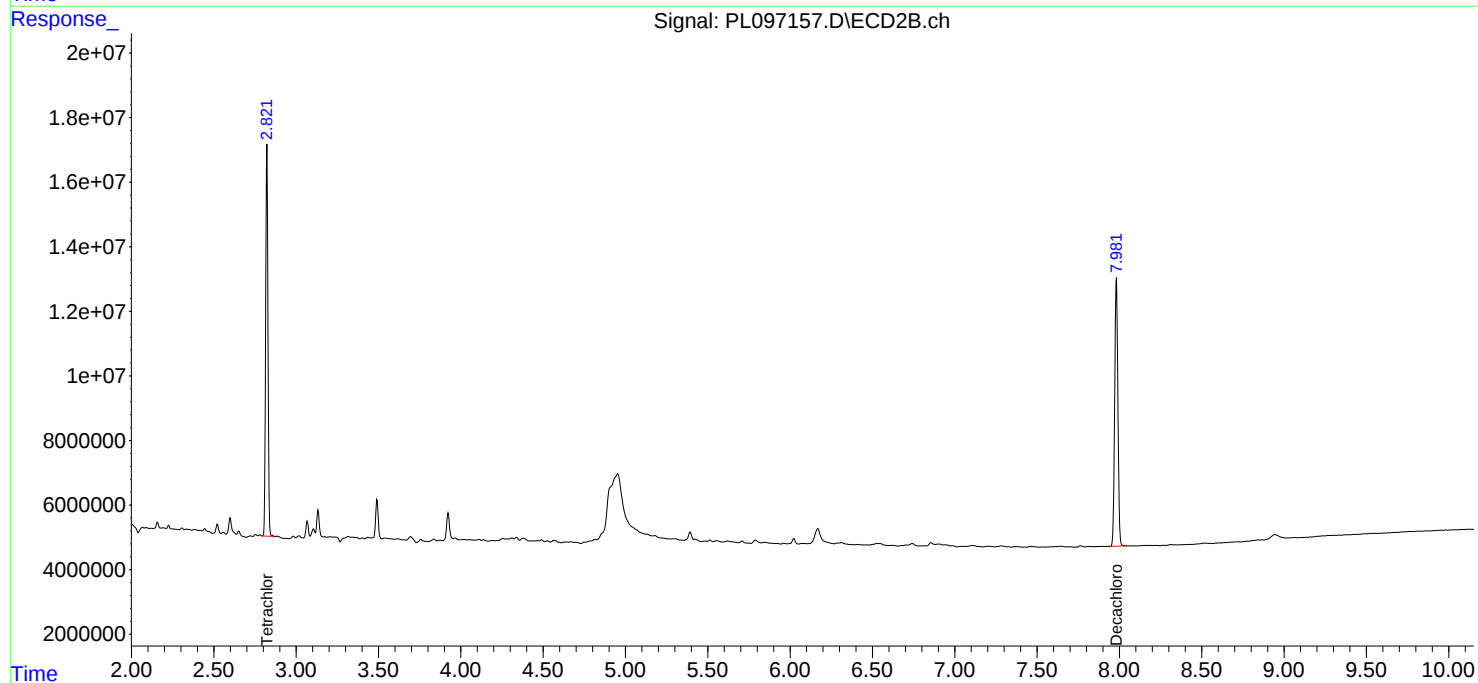
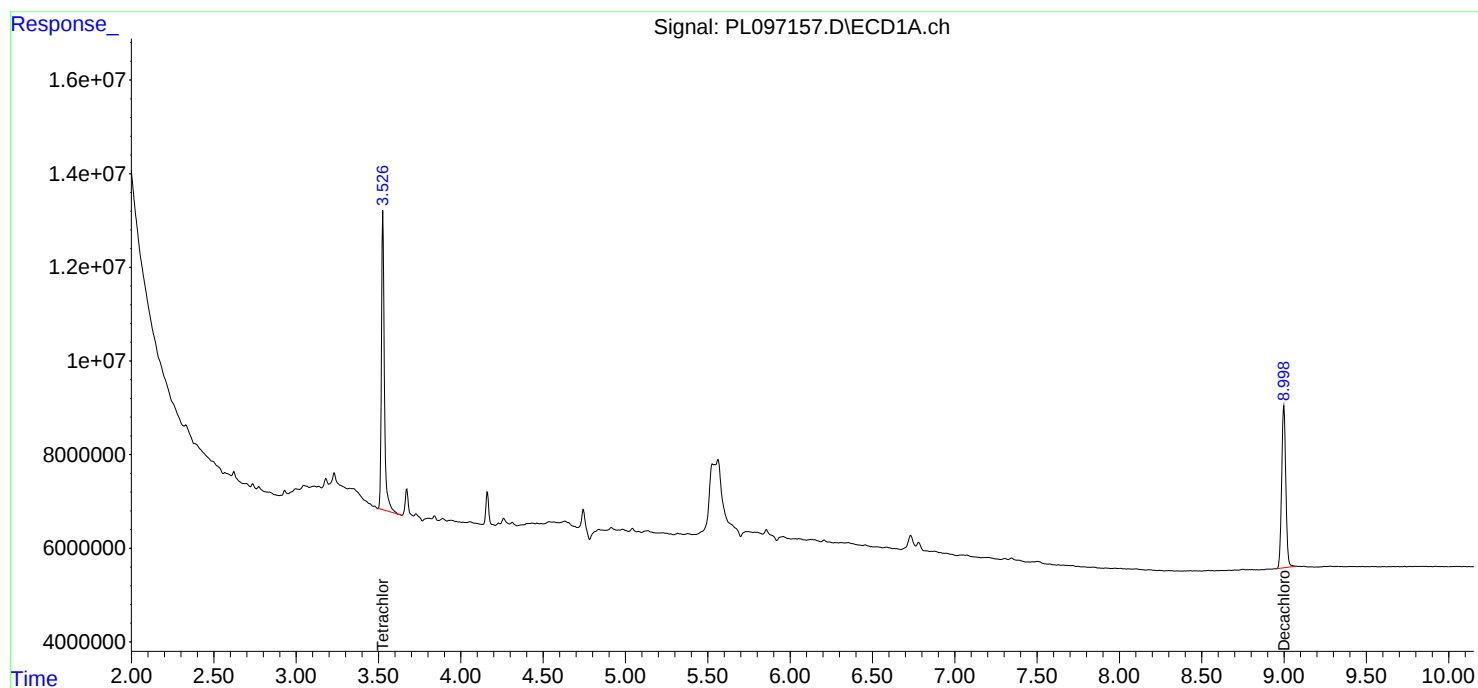
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

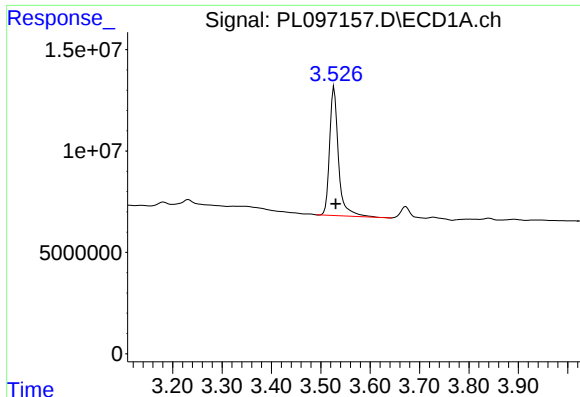
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:00
Operator : AR\AJ
Sample : Q3032-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

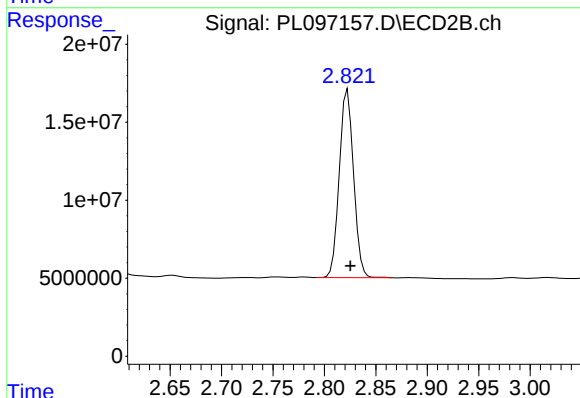




#1 Tetrachloro-m-xylene

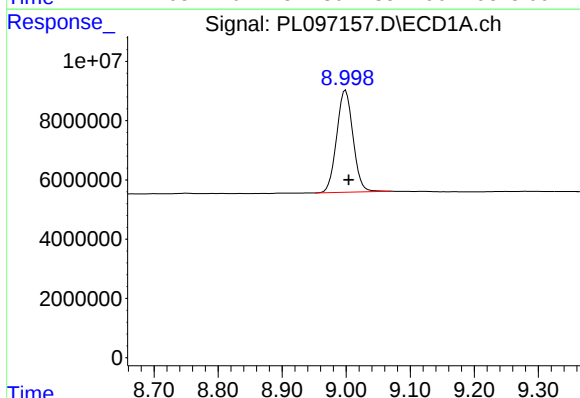
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 79074554
Conc: 20.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILE-2



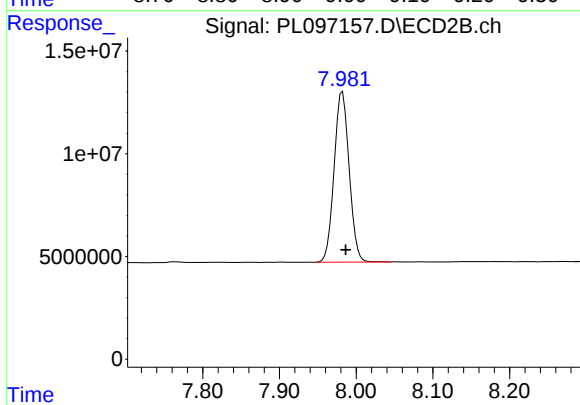
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 116621293
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 61043804
Conc: 20.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 112945412
Conc: 23.55 ng/ml



CALIBRATION SUMMARY

Calibration Times: **15:53** **17:20**

LAB FILE ID:	RT 100 =	<u>PL096924.D</u>	RT 075 =	<u>PL096925.D</u>	
RT 050 =	PL096926.D	RT 025 =	PL096927.D	RT 005 =	PL096928.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3032</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>08/20/2025</u> <u>08/20/2025</u>
		Calibration Times:	<u>15:53</u> <u>17:20</u>

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

LAB FILE ID:	RT 100 = <u>PL096924.D</u>	RT 075 = <u>PL096925.D</u>
RT 050 = <u>PL096926.D</u>	RT 025 = <u>PL096927.D</u>	RT 005 = <u>PL096928.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Endrin	5.71	5.70	5.70	5.70	5.70	5.70	5.60	5.80
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.80	4.80	4.80	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Tetrachloro-m-xylene	2.83	2.83	2.83	2.82	2.82	2.82	2.72	2.92



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Instrument ID: ECD_L

Calibration Date(s): 08/20/2025 08/20/2025

Calibration Times: 15:53 17:20

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL096924.D</u>	CF 075 = <u>PL096925.D</u>				
CF 050 = <u>PL096926.D</u>	CF 025 = <u>PL096927.D</u>	CF 005 = <u>PL096928.D</u>					
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2867670000	2764750000	2907640000	2995290000	3267970000	2960670000	6
Endrin	3938430000	3681570000	3777970000	3663830000	3662700000	3744900000	3
gamma-BHC (Lindane)	5774500000	5387660000	5532650000	5319570000	5294600000	5461790000	4
Heptachlor	5448120000	5156470000	5348530000	5219960000	5488680000	5332350000	3
Heptachlor epoxide	4669160000	4485490000	4761940000	4978030000	6834470000	5145820000	19
Methoxychlor	1765170000	1688730000	1748280000	1750260000	1725040000	1735500000	2
Tetrachloro-m-xylene	4007210000	3793130000	3960120000	3908840000	4049950000	3943850000	3



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/20/2025 08/20/2025
Calibration Times: 15:53 17:20

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

LAB FILE ID:		CF 100 =	<u>PL096924.D</u>	CF 075 =	<u>PL096925.D</u>		
CF 050 =		<u>PL096926.D</u>	CF 025 =	<u>PL096927.D</u>	CF 005 =	<u>PL096928.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4528550000	4422370000	4675640000	4848010000	5504370000	4795790000	9
Endrin	6022860000	5732510000	5911210000	5843740000	6025650000	5907190000	2
gamma-BHC (Lindane)	7559790000	7206610000	7494820000	7265600000	7305650000	7366490000	2
Heptachlor	7599140000	7263650000	7583050000	7449080000	7726080000	7524200000	2
Heptachlor epoxide	6303510000	6044890000	6335610000	6300380000	6640580000	6325000000	3
Methoxychlor	2939780000	2861730000	3002490000	3058630000	3136260000	2999780000	4
Tetrachloro-m-xylene	5643100000	5386240000	5642430000	5592280000	5919210000	5636650000	3



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
Instrument ID: ECD_L **Date(s) Analyzed:** 08/20/2025 08/20/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.68	4.58	4.78	172247000
		2	5.21	5.11	5.31	184024000
		3	5.91	5.81	6.01	649226000
		4	5.99	5.89	6.09	813725000
		5	6.83	6.73	6.93	136205000
Toxaphene	500	1	6.20	6.10	6.30	37327700
		2	6.60	6.50	6.70	29715300
		3	7.02	6.92	7.12	128641000
		4	7.11	7.01	7.21	94198900
		5	7.89	7.79	7.99	67380000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
Instrument ID: ECD_L **Date(s) Analyzed:** 08/20/2025 08/20/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.83	3.73	3.93	200346000
		2	4.41	4.31	4.51	231569000
		3	5.05	4.95	5.15	646655000
		4	5.11	5.01	5.21	577349000
		5	6.00	5.90	6.10	232439000
Toxaphene	500	1	5.07	4.97	5.17	41427400
		2	5.75	5.65	5.85	46752600
		3	6.03	5.93	6.13	50492500
		4	6.67	6.57	6.77	152307000
		5	7.11	7.01	7.21	95714200

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
 Data File : PL096924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 15:53
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:57:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.530	2.825	400.7E6	564.3E6	101.189	100.012
2)	SA Decachlor...	9.004	7.986	286.8E6	452.9E6	98.625	96.854
Target Compounds							
2)	A alpha-BHC	3.977	3.331	621.0E6	865.8E6	105.302	103.046
3)	MA gamma-BHC...	4.305	3.663	577.4E6	756.0E6	104.371	100.867
4)	MA Heptachlor	4.896	4.011	544.8E6	759.9E6	101.862	100.212
5)	MB Aldrin	5.235	4.293	541.1E6	723.3E6	102.933	101.608
6)	B beta-BHC	4.492	3.958	225.8E6	316.8E6	99.002	98.364
7)	B delta-BHC	4.737	4.191	470.0E6	767.1E6	102.025	102.364
8)	B Heptachlo...	5.655	4.795	466.9E6	630.4E6	98.051	99.493
9)	A Endosulfan I	6.037	5.166	434.2E6	598.1E6	101.671	100.113
10)	B gamma-Chl...	5.909	5.047	467.1E6	672.6E6	101.571	100.843
11)	B alpha-Chl...	5.989	5.111	470.8E6	657.1E6	101.225	100.390
12)	B 4,4'-DDE	6.159	5.300	418.2E6	636.8E6	104.273	102.160
13)	MA Dieldrin	6.309	5.430	472.3E6	669.3E6	103.614	101.319
14)	MA Endrin	6.535	5.705	393.8E6	602.3E6	104.247	101.889
15)	B Endosulfa...	6.747	5.996	405.0E6	568.9E6	97.425	99.297
16)	A 4,4'-DDD	6.668	5.852	333.3E6	535.6E6	103.515	101.961
17)	MA 4,4'-DDT	6.982	6.104	371.4E6	577.7E6	104.663	103.504
18)	B Endrin al...	6.877	6.175	258.6E6	400.1E6	99.009	94.757
19)	B Endosulfa...	7.110	6.398	348.4E6	552.4E6	101.866	99.416
20)	A Methoxychlor	7.454	6.676	176.5E6	294.0E6	100.966	97.911
21)	B Endrin ke...	7.589	6.902	362.4E6	599.5E6	101.649	98.830
22)	Mirex	8.067	7.091	285.8E6	448.7E6	97.526	95.500

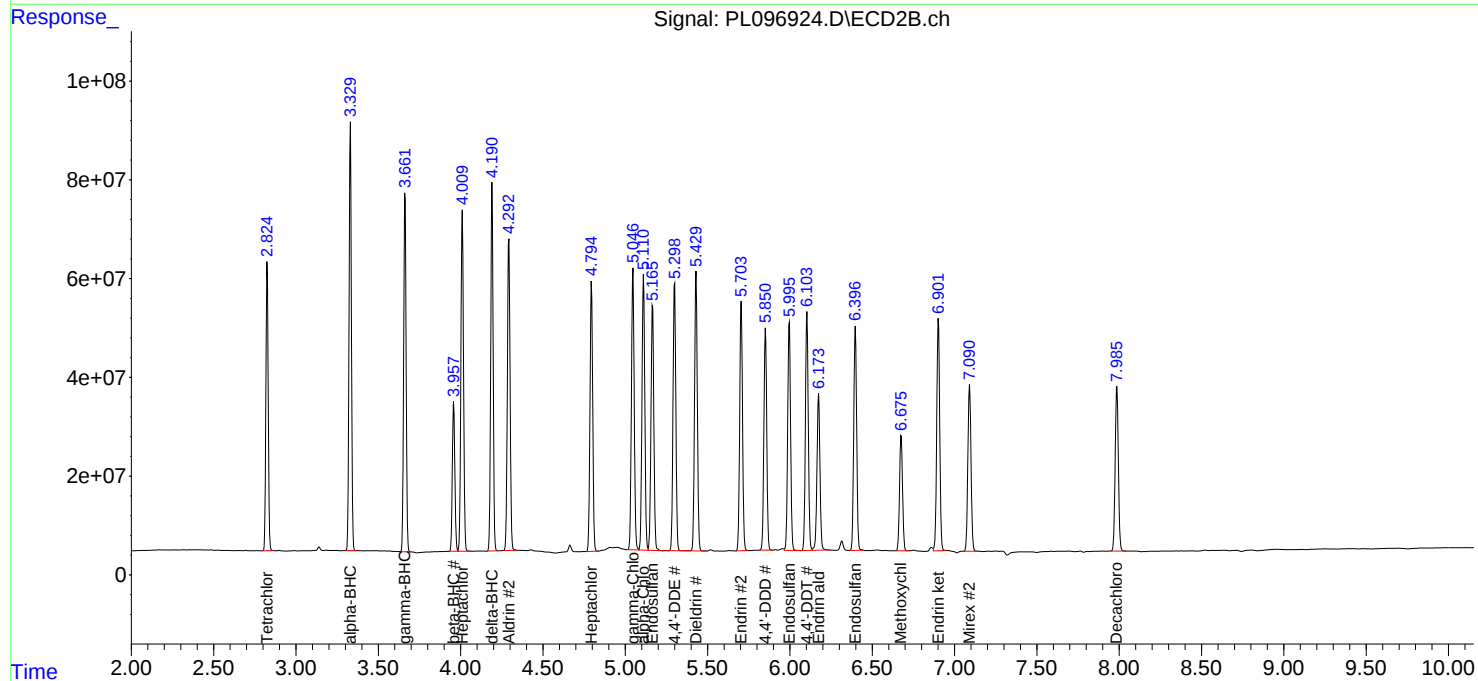
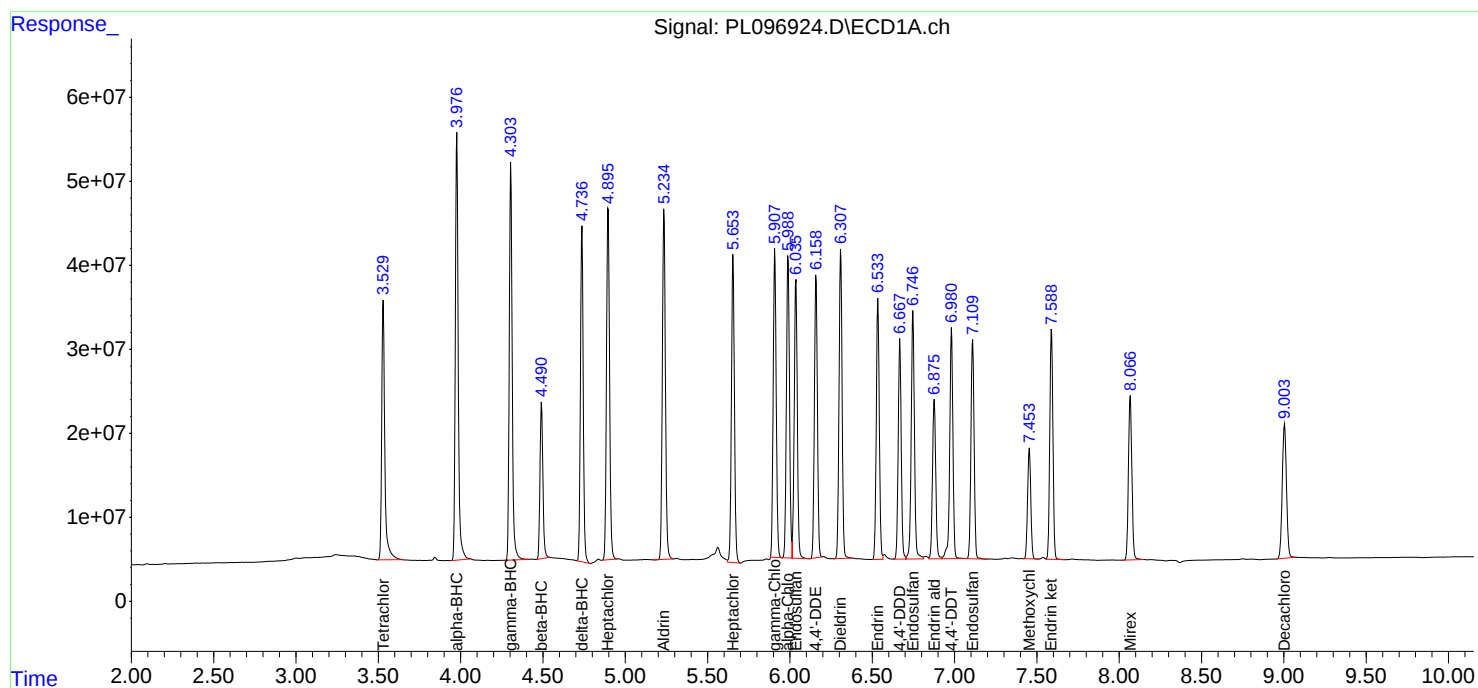
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 15:53
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:57:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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\PL082025\
 Data File : PL096925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 16:06
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:57:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.530	2.825	284.5E6	404.0E6	71.837	71.595
28)	SA Decachlor...	9.004	7.986	207.4E6	331.7E6	71.314	70.937
Target Compounds							
2)	A alpha-BHC	3.977	3.330	433.0E6	612.7E6	73.413	72.920
3)	MA gamma-BHC...	4.304	3.662	404.1E6	540.5E6	73.034	72.116
4)	MA Heptachlor	4.896	4.010	386.7E6	544.8E6	72.307	71.841
5)	MB Aldrin	5.235	4.293	381.4E6	515.4E6	72.547	72.407
6)	B beta-BHC	4.491	3.958	162.2E6	229.1E6	71.110	71.133
7)	B delta-BHC	4.737	4.191	331.6E6	544.4E6	71.984	72.646
8)	B Heptachlo...	5.654	4.795	336.4E6	453.4E6	70.646	71.559
9)	A Endosulfan I	6.036	5.165	309.2E6	429.5E6	72.405	71.901
10)	B gamma-Chl...	5.909	5.046	335.7E6	481.4E6	72.998	72.180
11)	B alpha-Chl...	5.989	5.110	336.1E6	470.9E6	72.261	71.943
12)	B 4,4'-DDE	6.159	5.299	293.1E6	454.5E6	73.069	72.912
13)	MA Dieldrin	6.308	5.430	332.4E6	477.8E6	72.918	72.326
14)	MA Endrin	6.534	5.704	276.1E6	429.9E6	73.086	72.733
15)	B Endosulfa...	6.747	5.996	292.6E6	411.3E6	70.385	71.792
16)	A 4,4'-DDD	6.667	5.852	234.7E6	381.7E6	72.898	72.673
17)	MA 4,4'-DDT	6.981	6.104	260.7E6	409.2E6	73.455	73.306
18)	B Endrin al...	6.876	6.174	186.8E6	295.3E6	71.537	69.930
19)	B Endosulfa...	7.109	6.397	247.1E6	399.2E6	72.244	71.843
20)	A Methoxychlor	7.454	6.676	126.7E6	214.6E6	72.446	71.484
21)	B Endrin ke...	7.589	6.901	259.0E6	433.7E6	72.625	71.492
22)	Mirex	8.067	7.091	207.8E6	330.6E6	70.913	70.369

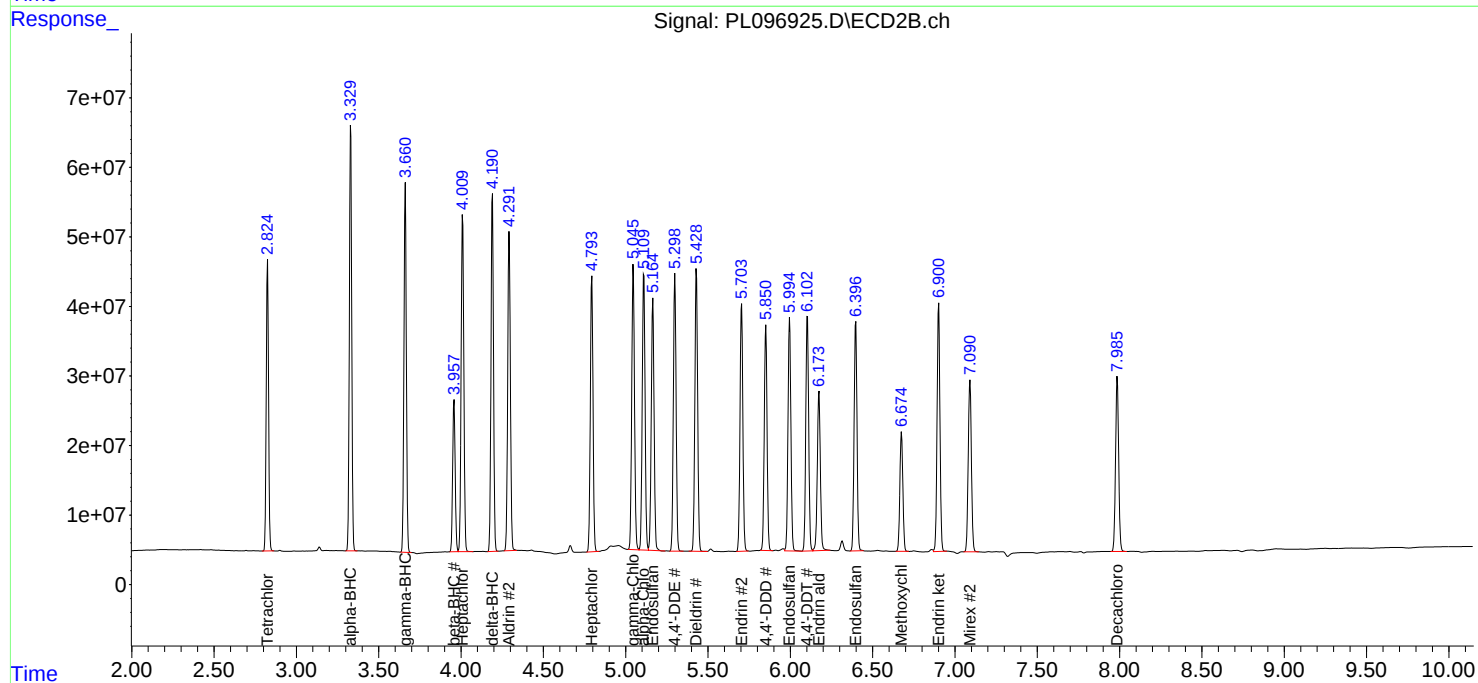
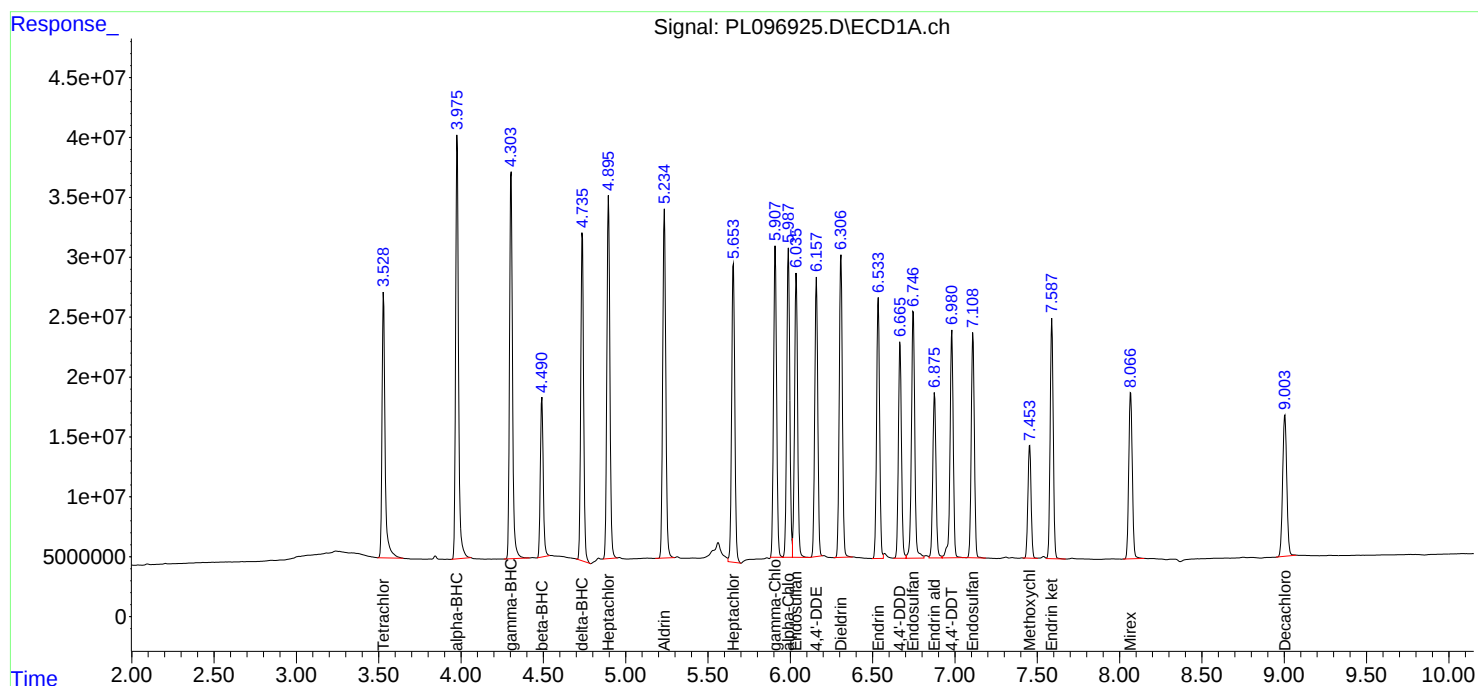
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 16:06
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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\PL082025\
 Data File : PL096926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 16:20
 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: Aug 21 05:58:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.530	2.825	198.0E6	282.1E6	50.000	50.000
28)	SA Decachlor...	9.004	7.987	145.4E6	233.8E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.977	3.330	294.9E6	420.1E6	50.000	50.000
3)	MA gamma-BHC...	4.305	3.662	276.6E6	374.7E6	50.000	50.000
4)	MA Heptachlor	4.896	4.011	267.4E6	379.2E6	50.000	50.000
5)	MB Aldrin	5.235	4.293	262.9E6	355.9E6	50.000	50.000
6)	B beta-BHC	4.491	3.958	114.0E6	161.0E6	50.000	50.000
7)	B delta-BHC	4.737	4.191	230.3E6	374.7E6	50.000	50.000
8)	B Heptachlo...	5.654	4.795	238.1E6	316.8E6	50.000	50.000
9)	A Endosulfan I	6.036	5.165	213.5E6	298.7E6	50.000	50.000
10)	B gamma-Chl...	5.908	5.047	229.9E6	333.5E6	50.000	50.000
11)	B alpha-Chl...	5.989	5.111	232.6E6	327.3E6	50.000	50.000
12)	B 4,4'-DDE	6.159	5.299	200.5E6	311.7E6	50.000	50.000
13)	MA Dieldrin	6.308	5.430	227.9E6	330.3E6	50.000	50.000
14)	MA Endrin	6.534	5.704	188.9E6	295.6E6	50.000	50.000
15)	B Endosulfa...	6.748	5.996	207.8E6	286.4E6	50.000	50.000
16)	A 4,4'-DDD	6.667	5.852	161.0E6	262.6E6	50.000	50.000
17)	MA 4,4'-DDT	6.981	6.104	177.4E6	279.1E6	50.000	50.000
18)	B Endrin al...	6.876	6.175	130.6E6	211.1E6	50.000	50.000
19)	B Endosulfa...	7.110	6.398	171.0E6	277.8E6	50.000	50.000
20)	A Methoxychlor	7.454	6.677	87413835	150.1E6	50.000	50.000
21)	B Endrin ke...	7.589	6.902	178.3E6	303.3E6	50.000	50.000
22)	Mirex	8.068	7.092	146.5E6	234.9E6	50.000	50.000

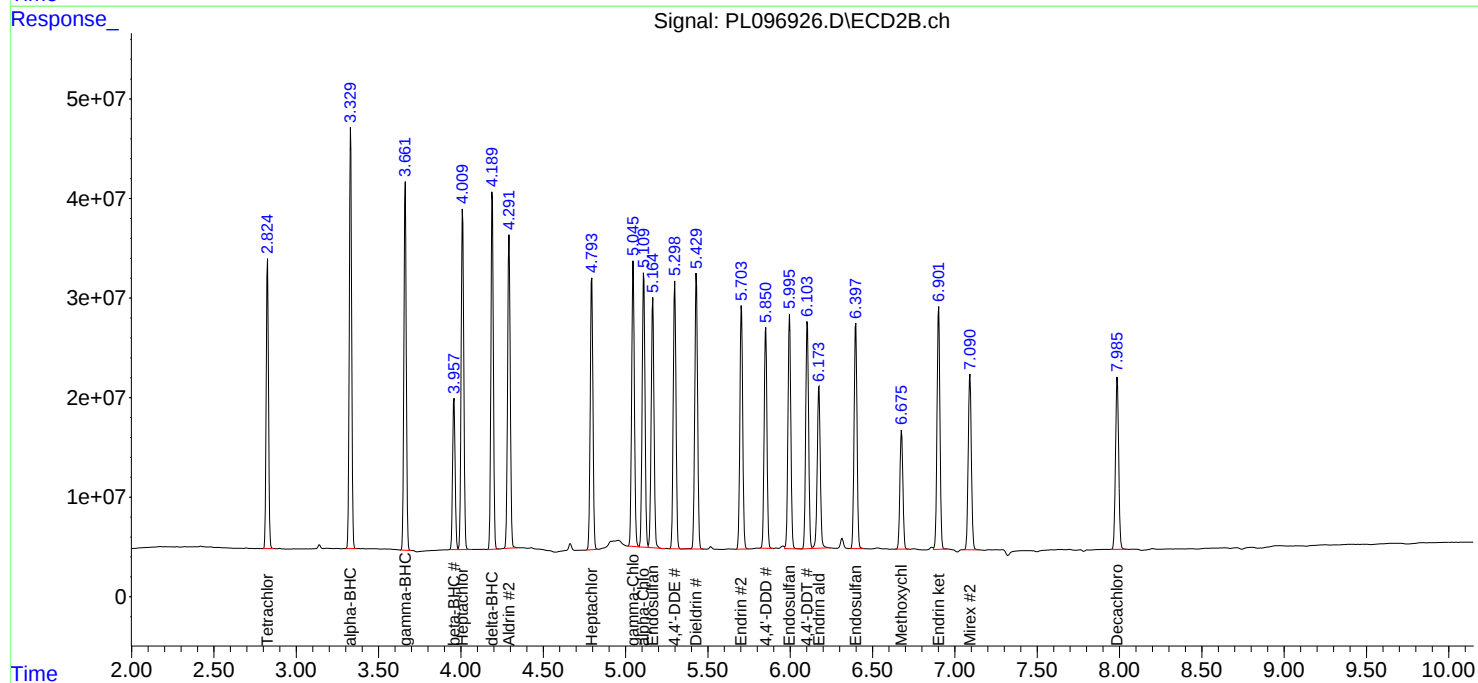
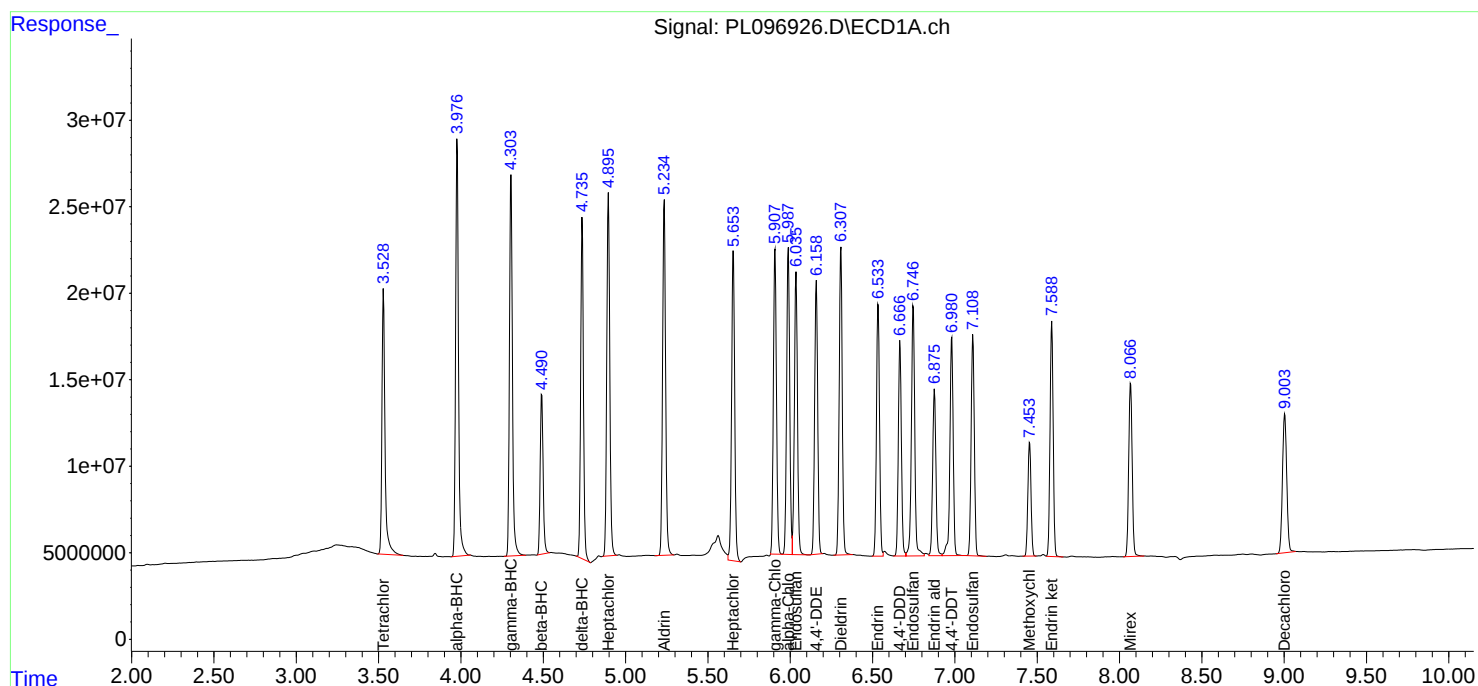
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 16:20
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: Aug 21 05:58:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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\PL082025\
 Data File : PL096927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 16:33
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:58:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.529	2.824	97721039	139.8E6	24.676	24.778
28)	SA Decachlor...	9.004	7.986	74882366	121.2E6	25.754	25.922
Target Compounds							
2)	A alpha-BHC	3.977	3.330	139.7E6	200.7E6	23.684	23.889
3)	MA gamma-BHC...	4.304	3.662	133.0E6	181.6E6	24.037	24.235
4)	MA Heptachlor	4.896	4.010	130.5E6	186.2E6	24.399	24.558
5)	MB Aldrin	5.235	4.292	127.7E6	173.0E6	24.284	24.303
6)	B beta-BHC	4.491	3.958	56897606	81706467	24.952	25.368
7)	B delta-BHC	4.737	4.190	110.2E6	179.8E6	23.912	23.997
8)	B Heptachlo...	5.655	4.794	124.5E6	157.5E6	26.134	24.861
9)	A Endosulfan I	6.036	5.165	105.2E6	149.1E6	24.644	24.954
10)	B gamma-Chl...	5.908	5.046	112.6E6	163.2E6	24.496	24.476
11)	B alpha-Chl...	5.988	5.110	115.3E6	161.7E6	24.791	24.700
12)	B 4,4'-DDE	6.158	5.299	96292066	151.4E6	24.008	24.295
13)	MA Dieldrin	6.308	5.430	110.9E6	162.3E6	24.327	24.572
14)	MA Endrin	6.534	5.704	91595660	146.1E6	24.245	24.715
15)	B Endosulfa...	6.747	5.996	113.4E6	143.0E6	27.276	24.954
16)	A 4,4'-DDD	6.667	5.851	78140242	129.3E6	24.271	24.607
17)	MA 4,4'-DDT	6.981	6.104	86135159	134.9E6	24.272	24.175
18)	B Endrin al...	6.876	6.174	65934763	115.4E6	25.245	27.330
19)	B Endosulfa...	7.110	6.397	85300367	140.0E6	24.942	25.195
20)	A Methoxychlor	7.454	6.676	43756435	76465874	25.028	25.467
21)	B Endrin ke...	7.588	6.902	88198313	155.7E6	24.736	25.668
22)	Mirex	8.067	7.092	76241490	123.6E6	26.019	26.302

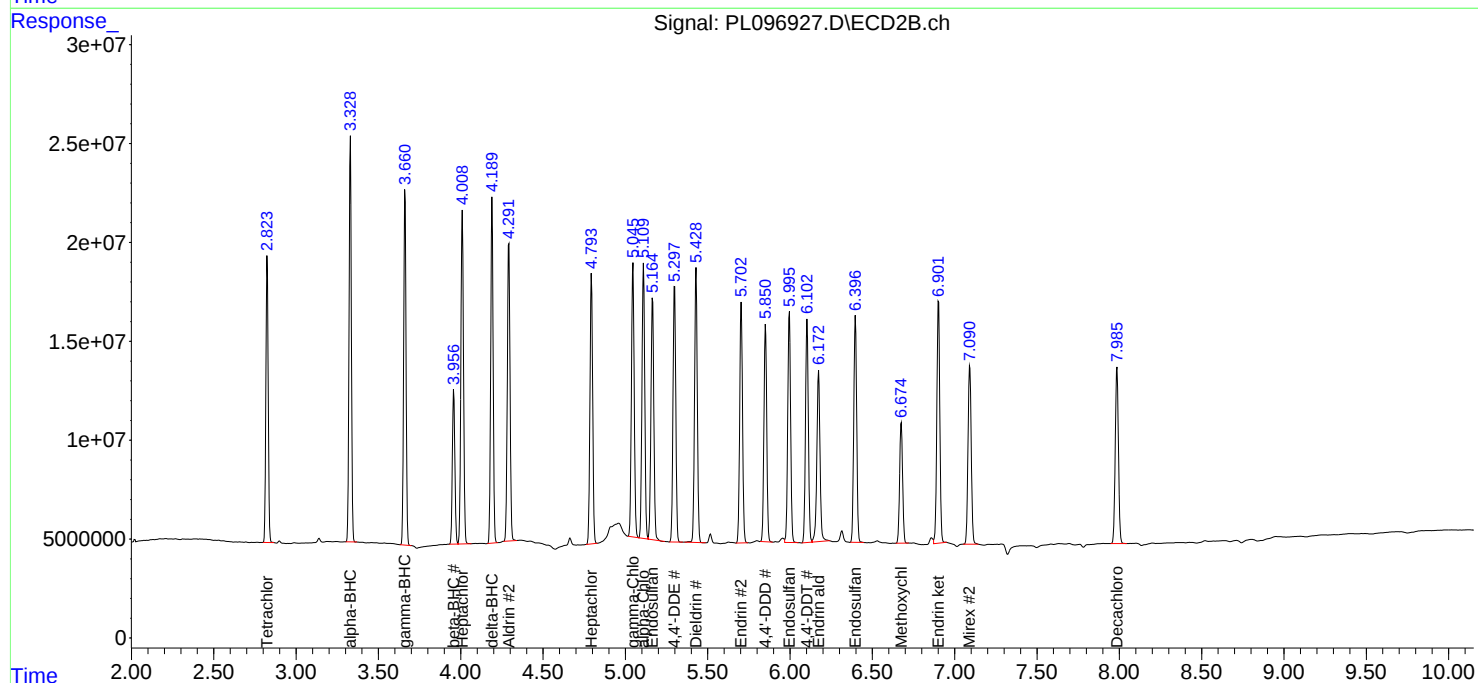
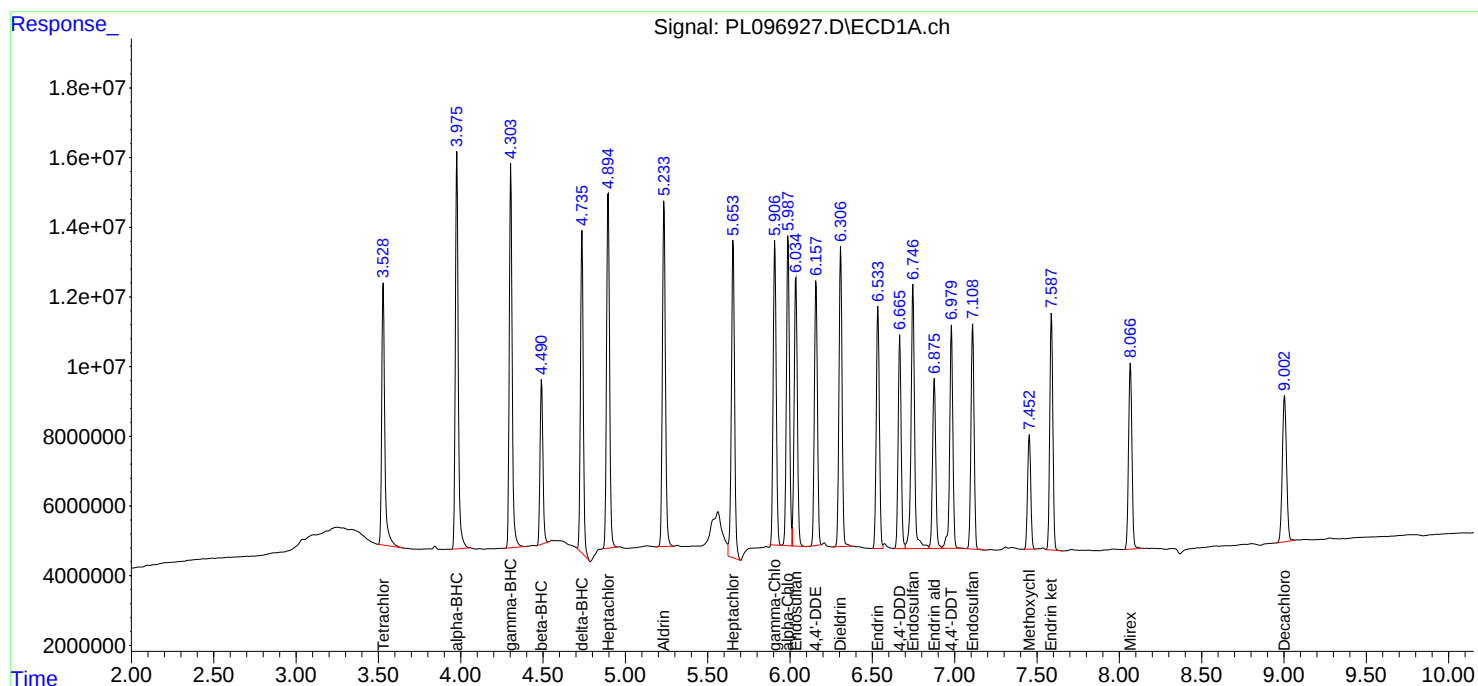
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 16:33
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:58:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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\PL082025\
 Data File : PL096928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 17:20
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:58:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 05:56:02 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...	3.528	2.823	20249747	29596056	5.113	5.245
28) SA Decachlor...	9.003	7.985	16339862	27521855	5.620	5.886
Target Compounds						
2) A alpha-BHC	3.976	3.328	27510813	38989630	4.665	4.640
3) MA gamma-BHC...	4.303	3.660	26473012	36528242	4.785	4.874
4) MA Heptachlor	4.895	4.009	27443413	38630412	5.131	5.094
5) MB Aldrin	5.234	4.291	27038375	35108130	5.143	4.932
6) B beta-BHC	4.490	3.957	12297035	17996934	5.393	5.588
7) B delta-BHC	4.734	4.189	21821472	35644806	4.737m	4.757
8) B Heptachlo...	5.653	4.793	34172338	33202913	7.176	5.241 #
9) A Endosulfan I	6.036	5.164	22702017	31557852	5.316	5.283
10) B gamma-Chl...	5.908	5.045	23884731	33559167	5.194	5.032
11) B alpha-Chl...	5.988	5.109	25376373	33924978	5.456	5.183
12) B 4,4'-DDE	6.158	5.297	19992767	30279704	4.985	4.858
13) MA Dieldrin	6.307	5.428	22770112	33008638	4.995	4.997
14) MA Endrin	6.533	5.703	18313497	30128263	4.847	5.097
15) B Endosulfa...	6.746	5.994	26909858	29870980	6.473	5.214
16) A 4,4'-DDD	6.666	5.850	14861041	26214861	4.616	4.991
17) MA 4,4'-DDT	6.980	6.102	16640756	25873598	4.689	4.636
18) B Endrin al...	6.875	6.172	13404468	36327815	5.132	8.603 #
19) B Endosulfa...	7.108	6.396	17783728	30064159	5.200	5.411
20) A Methoxychlor	7.454	6.675	8625200	15681297	4.934	5.223
21) B Endrin ke...	7.588	6.900	18028665	36117033	5.056	5.954
22) Mirex	8.067	7.090	16756284	28727959	5.718	6.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 17:20
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

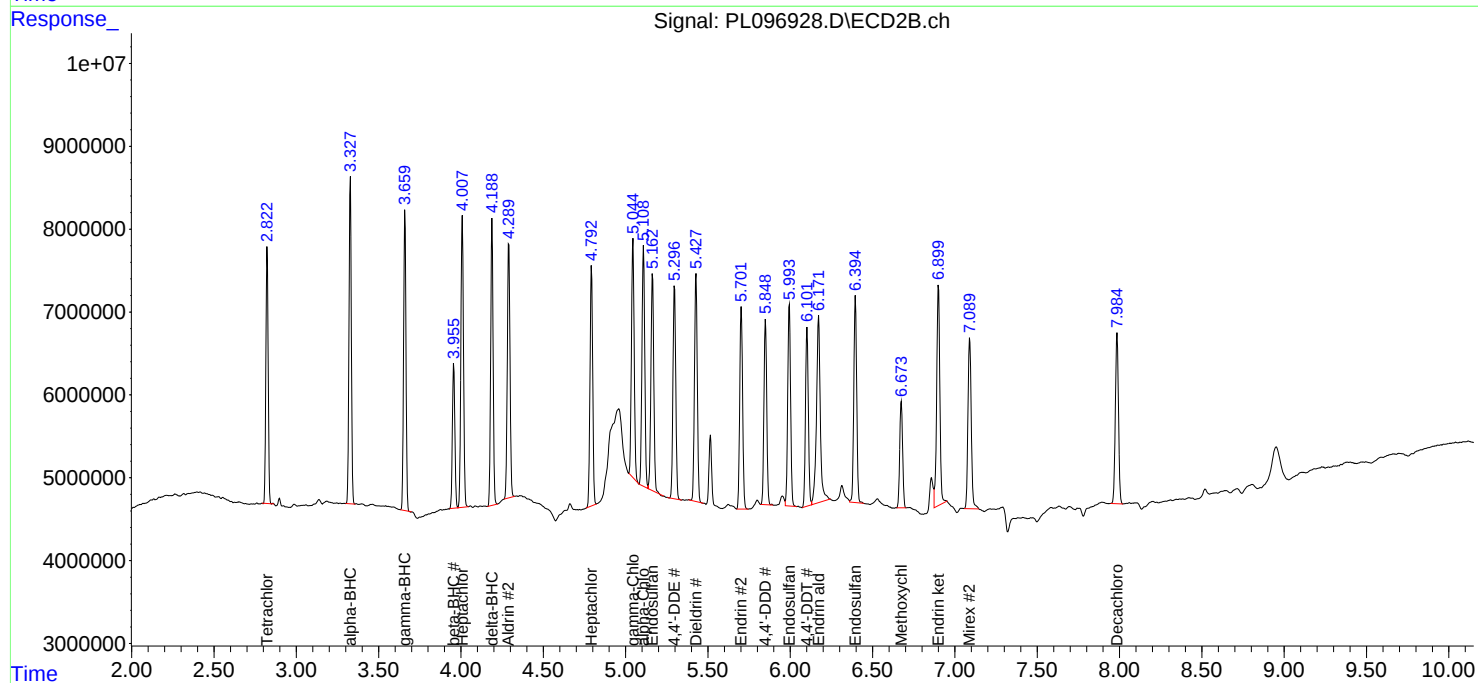
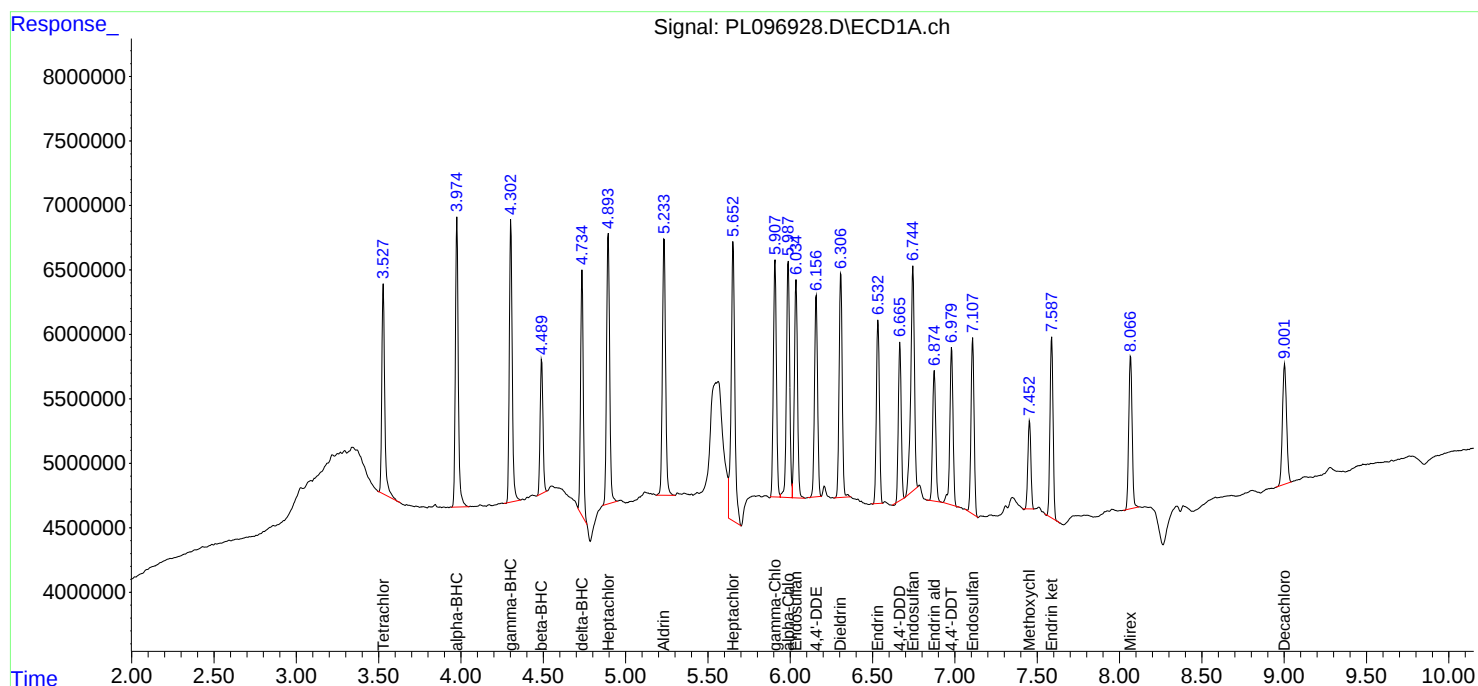
APPROVED

Reviewed By :Abdul Mirza 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:58:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 05:56:02 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\PL082025\
 Data File : PL096931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 18:01
 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: Aug 21 04:51:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 04:50:34 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...	3.529	2.824	139.8E6	261.5E6	50.000	50.000
28)	SA Decachlor...	9.003	7.986	104.5E6	170.9E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.683	3.834	86123564	100.2E6	500.000	500.000
24)	Chlordane-2	5.206	4.413	92011980	115.8E6	500.000	500.000
25)	Chlordane-3	5.909	5.046	324.6E6	323.3E6	500.000	500.000
26)	Chlordane-4	5.993	5.110	406.9E6	288.7E6	500.000	500.000
27)	Chlordane-5	6.830	6.004	68102649	116.2E6	500.000	500.000

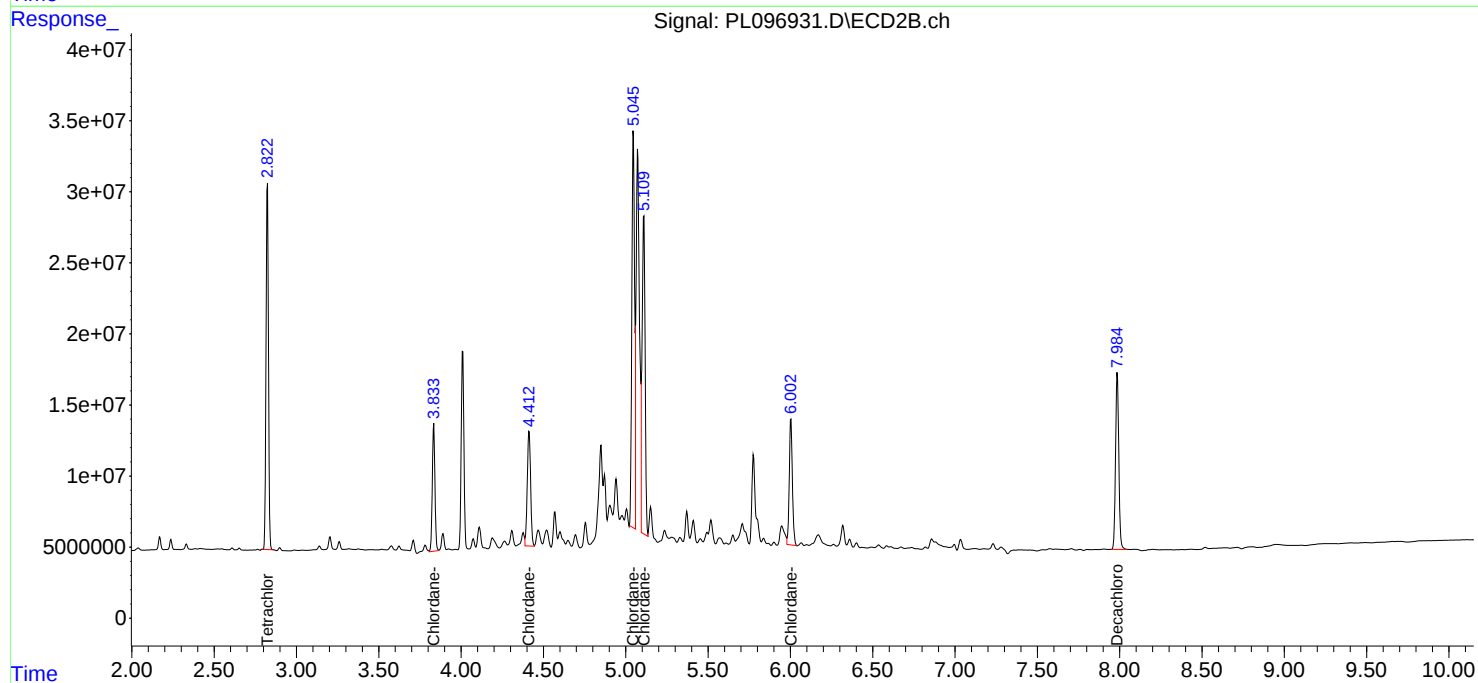
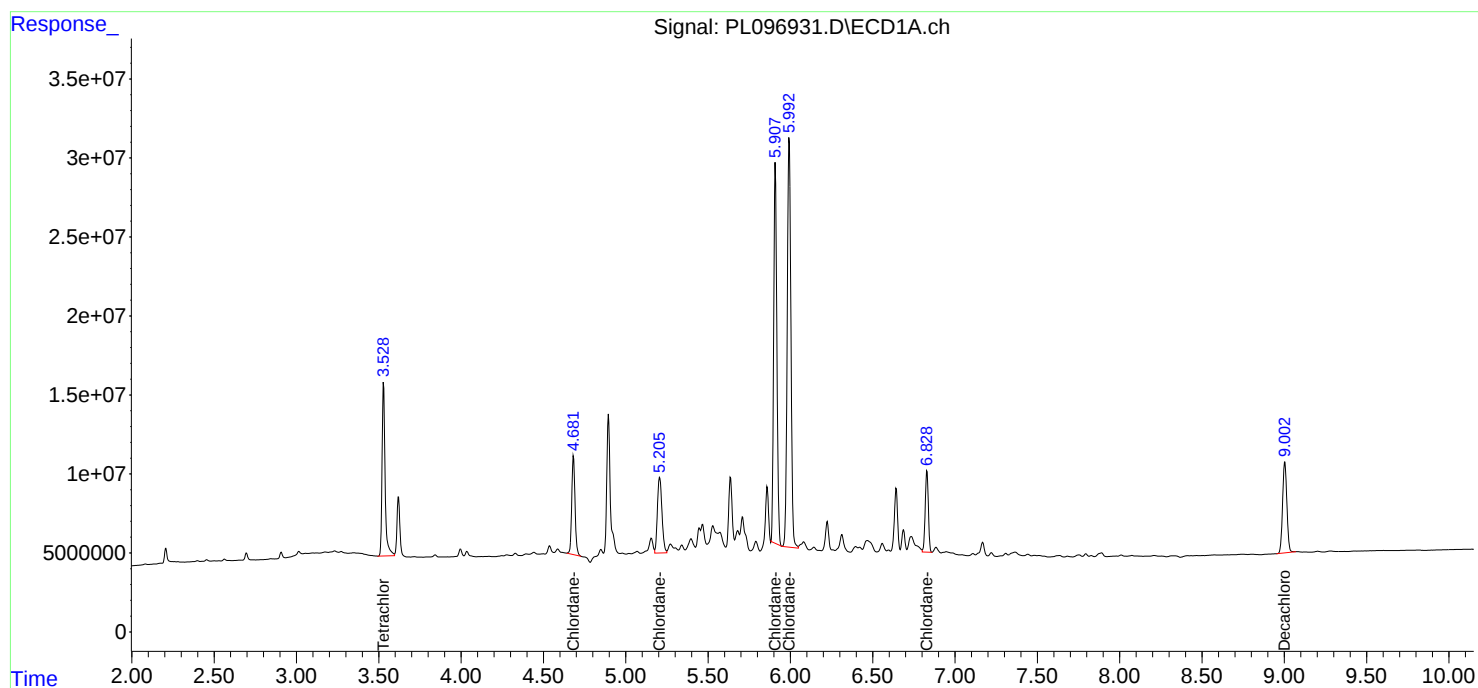
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 18:01
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: Aug 21 04:51:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 04:50:34 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\PL082025\
 Data File : PL096936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 19:09
 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: Aug 21 07:09:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 07:04:56 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...	3.530	2.825	198.9E6	282.3E6	50.000	50.000
7) SA Decachlor...	9.003	7.986	146.5E6	240.9E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.204	5.068	18663845	20713709	500.000	500.000
3) Toxaphene-2	6.603	5.754	14857625	23376280	500.000	500.000
4) Toxaphene-3	7.016	6.034	64320424	25246272	500.000	500.000
5) Toxaphene-4	7.107	6.669	47099464	76153416	500.000	500.000
6) Toxaphene-5	7.885	7.109	33689985	47857110	500.000	500.000

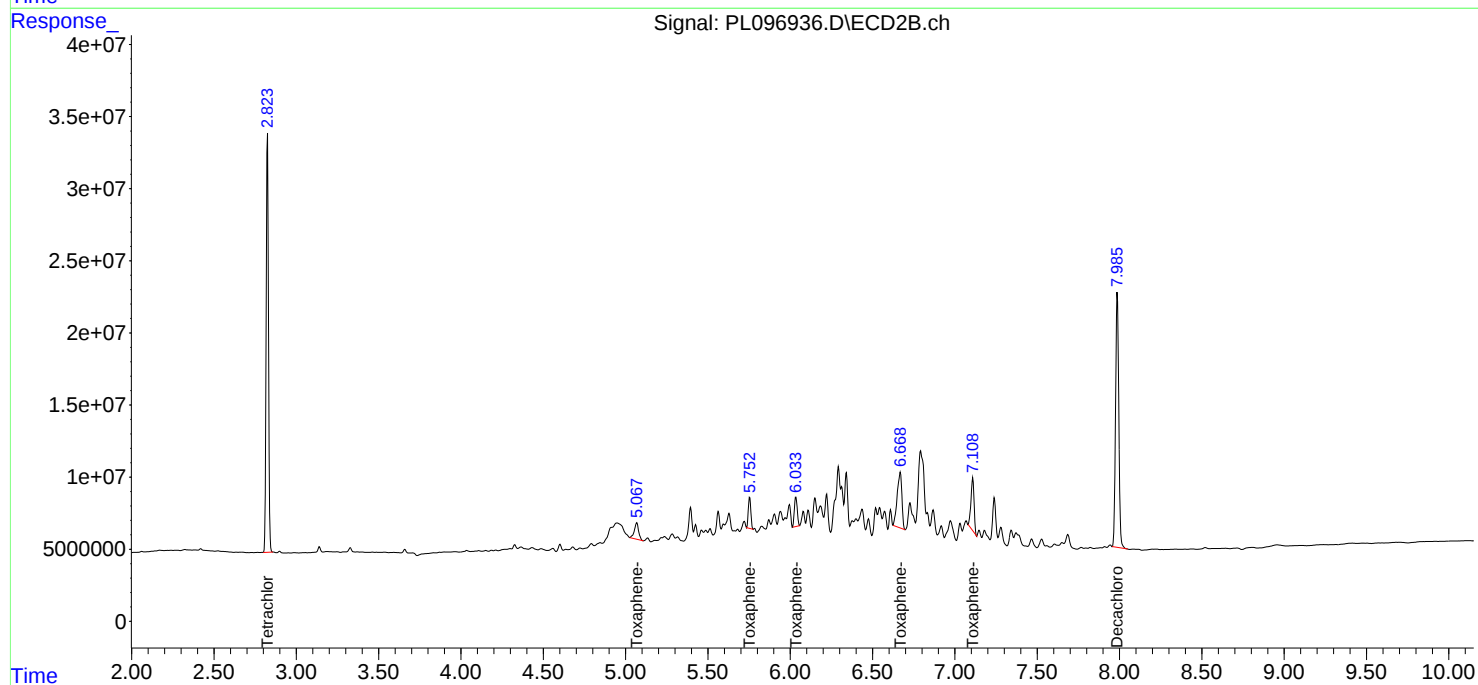
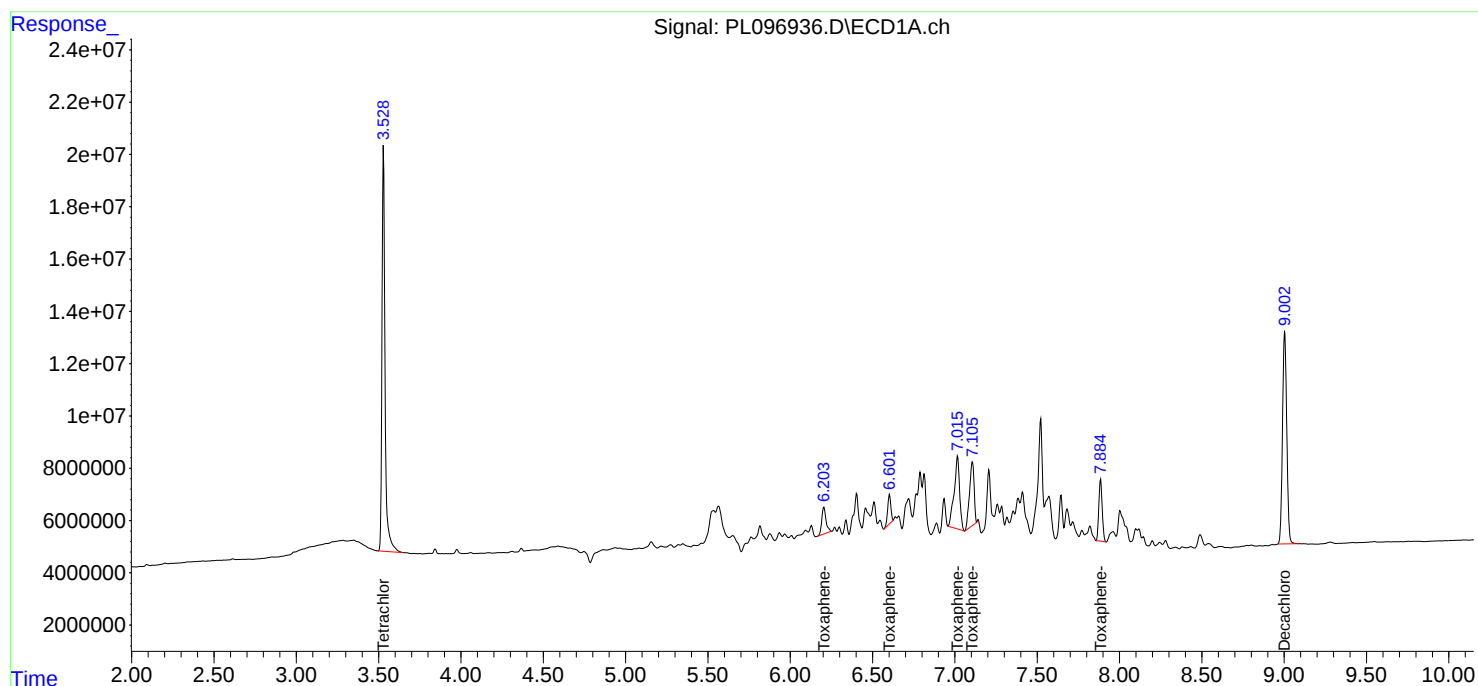
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 19:09
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: Aug 21 07:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 07:04:56 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\PL082025\
 Data File : PL096939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 19:50
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL082025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/21/2025
 Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 06:37:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.529	2.825	202.0E6	285.4E6	51.213	50.639
28)	SA Decachlor...	9.003	7.986	147.7E6	241.6E6	49.881	50.388
Target Compounds							
2)	A alpha-BHC	3.976	3.330	302.3E6	426.7E6	52.166	51.966
3)	MA gamma-BHC...	4.304	3.662	284.1E6	391.9E6	52.011	53.205
4)	MA Heptachlor	4.896	4.010	277.4E6	389.3E6	52.017	51.740
5)	MB Aldrin	5.235	4.292	272.8E6	368.3E6	51.932	52.375
6)	B beta-BHC	4.491	3.958	116.7E6	166.7E6	51.046	51.102
7)	B delta-BHC	4.737	4.190	256.4E6	385.3E6	56.988	52.424
8)	B Heptachlo...	5.654	4.794	253.9E6	329.2E6	49.333	52.040
9)	A Endosulfan I	6.036	5.165	221.1E6	306.2E6	51.448	51.105
10)	B gamma-Chl...	5.907	5.046	242.8E6	343.0E6	52.730m	51.889
11)	B alpha-Chl...	5.988	5.110	240.7E6	336.1E6	51.139	51.466
12)	B 4,4'-DDE	6.159	5.299	206.2E6	321.2E6	51.670	52.194
13)	MA Dieldrin	6.308	5.430	235.3E6	340.4E6	51.823	51.947
14)	MA Endrin	6.535	5.704	184.2E6	299.0E6	49.195	50.618
15)	B Endosulfa...	6.748	5.996	208.2E6	293.6E6	47.265	51.336
16)	A 4,4'-DDD	6.668	5.851	166.8E6	274.6E6	52.870	52.581
17)	MA 4,4'-DDT	6.982	6.103	176.6E6	277.4E6	50.436	50.651
18)	B Endrin al...	6.876	6.174	133.9E6	215.0E6	51.470	51.875
19)	B Endosulfa...	7.109	6.397	177.2E6	285.4E6	51.609	50.929
20)	A Methoxychlor	7.454	6.675	85826221	149.9E6	49.453	49.981
21)	B Endrin ke...	7.589	6.901	185.8E6	320.7E6	52.266	51.244
22)	Mirex	8.068	7.091	151.1E6	247.3E6	50.487	50.924

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 19:50
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL082025

Manual Integrations

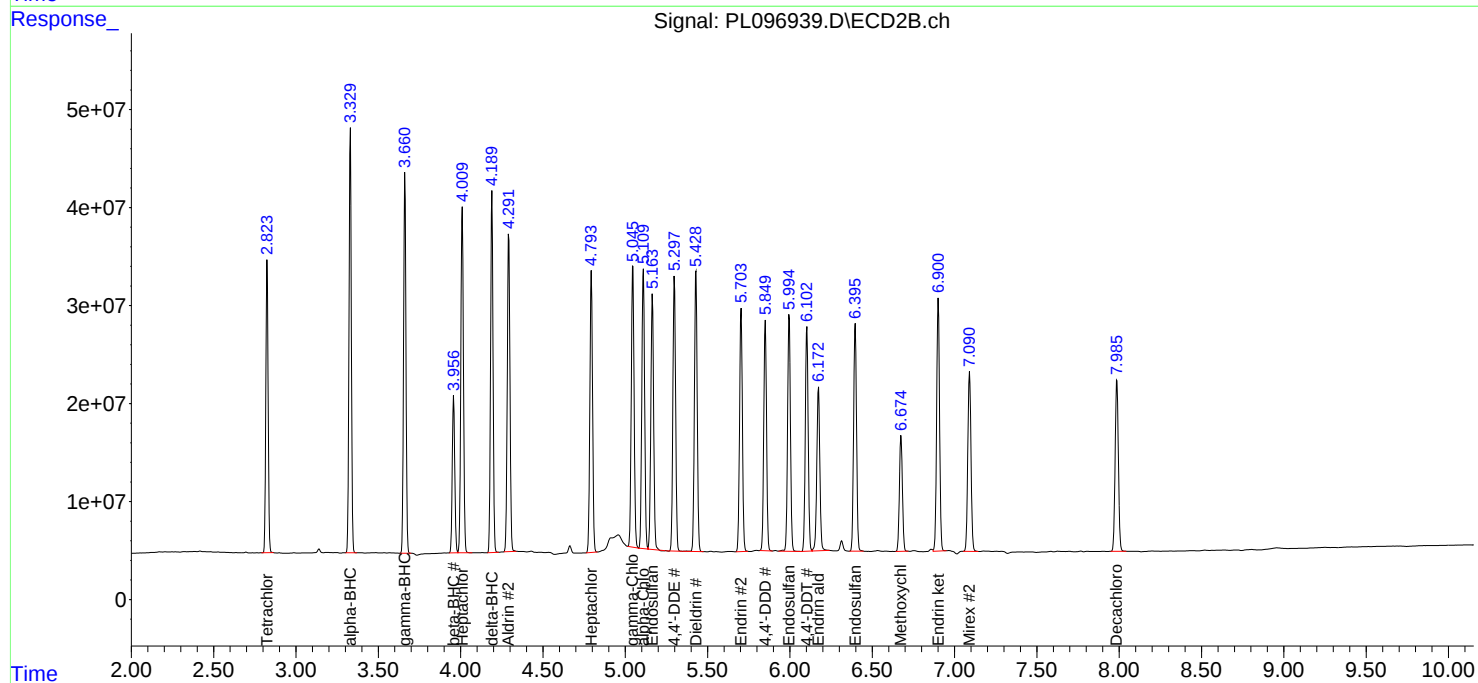
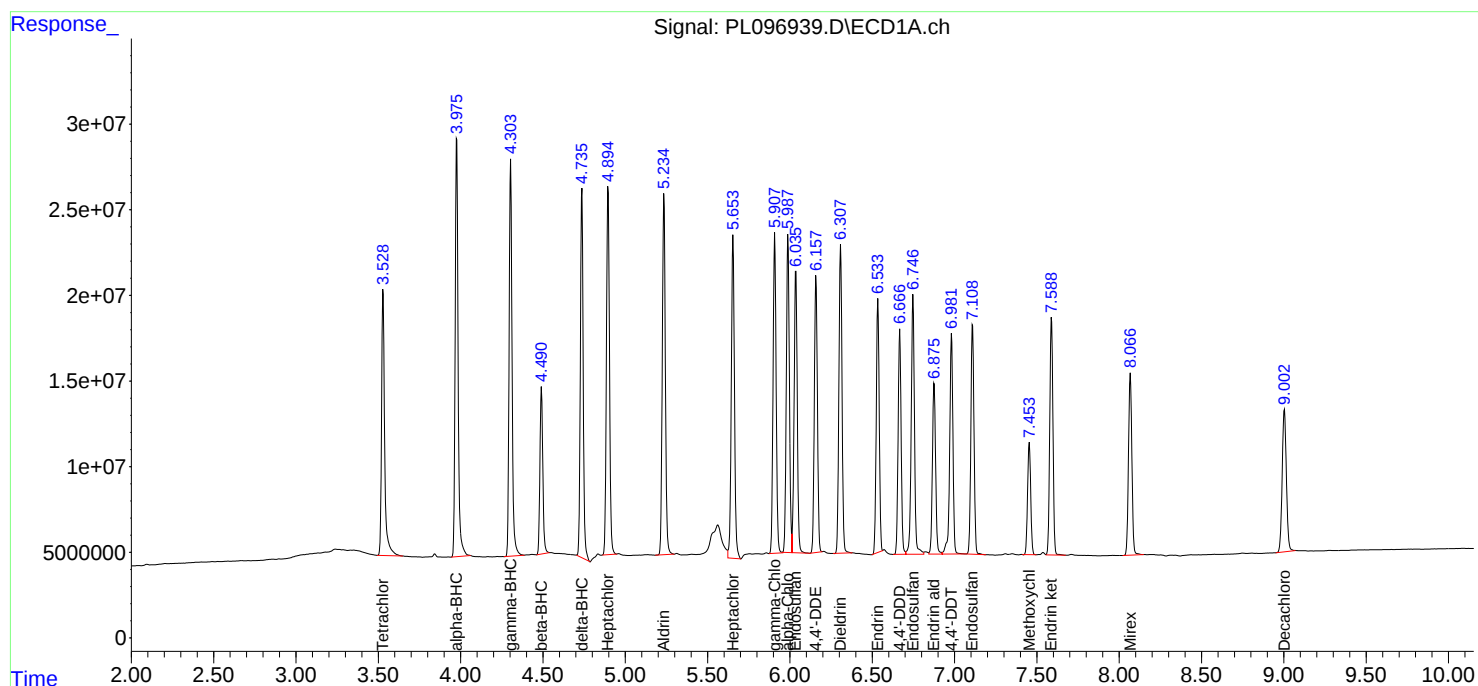
APPROVED

Reviewed By :Abdul Mirza 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:37:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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\PL082025\
 Data File : PL096940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 20:03
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL082025CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:02:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 04:50:34 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...	3.530	2.824	137.6E6	254.7E6	50.727	49.834
28)	SA Decachlor...	9.003	7.985	103.4E6	172.9E6	49.743	49.400
Target Compounds							
23)	Chlordane-1	4.683	3.834	85156315	97811034	489.656	499.715
24)	Chlordane-2	5.206	4.414	90277449	114.8E6	495.554	490.473
25)	Chlordane-3	5.908	5.047	320.9E6	319.8E6	510.348	507.418
26)	Chlordane-4	5.993	5.110	400.5E6	285.7E6	492.431	512.306
27)	Chlordane-5	6.830	6.004	65969024	113.5E6	486.347	503.577

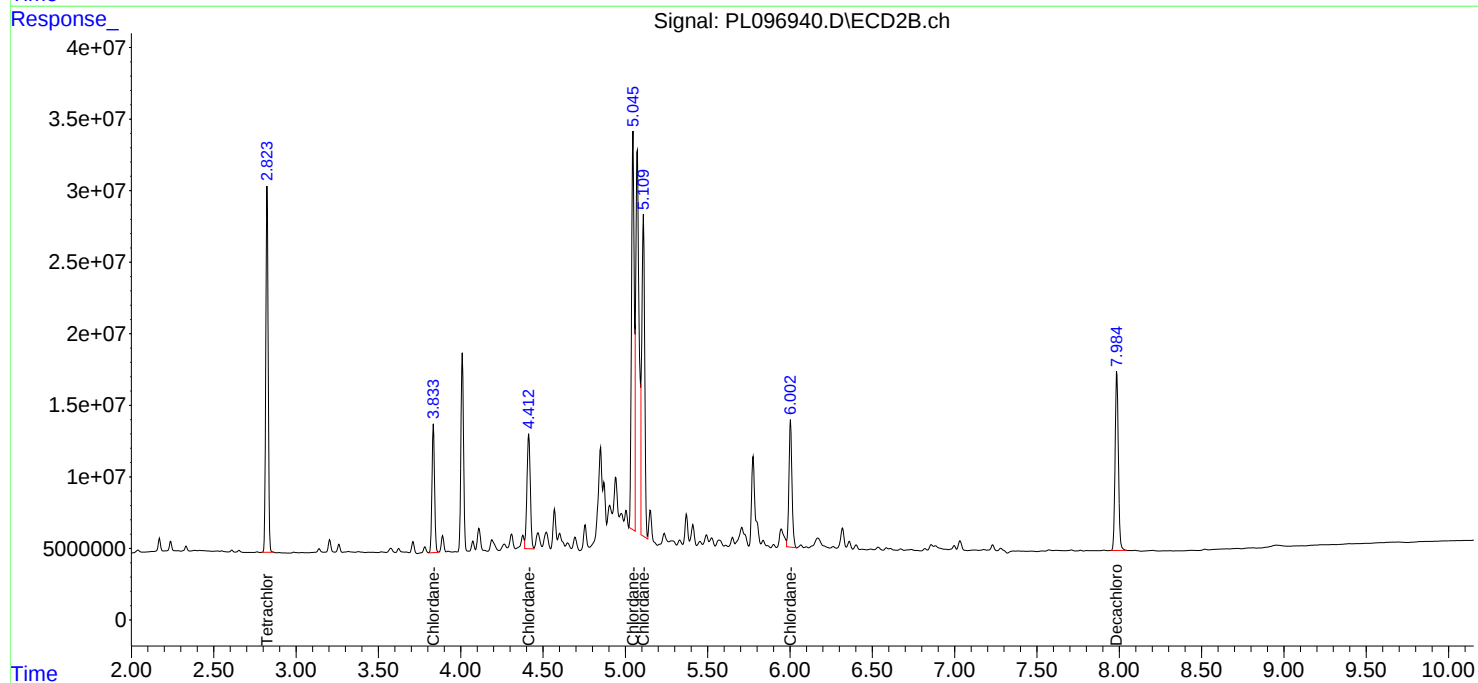
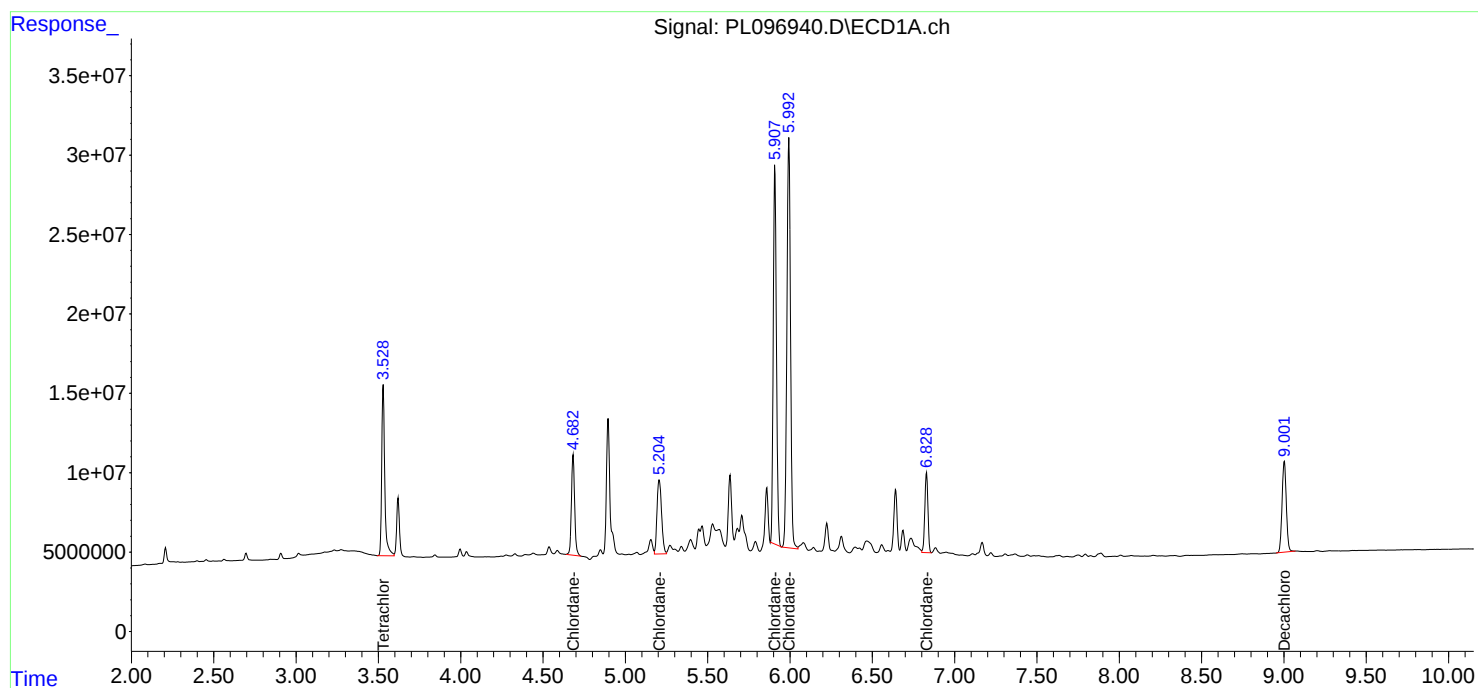
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 20:03
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL082025CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 05:02:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 04:50:34 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\PL082025\
 Data File : PL096941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 20:17
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL082025TOX

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 07:19:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 07:16:42 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...	3.529	2.825	187.1E6	261.1E6	46.655	46.034
7) SA Decachlor...	9.003	7.986	141.7E6	223.8E6	47.609	45.579
Target Compounds						
2) Toxaphene-1	6.201	5.068	42435374	18988584	1074.503m	474.872 #
3) Toxaphene-2	6.600	5.754	15430748	20915981	500.260m	450.419
4) Toxaphene-3	7.016	6.034	54053391	23100706	417.434	458.570
5) Toxaphene-4	7.107	6.668	48858959	66700780	506.251	439.668
6) Toxaphene-5	7.884	7.108	30214100	41686569	448.481	439.555

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 20:17
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

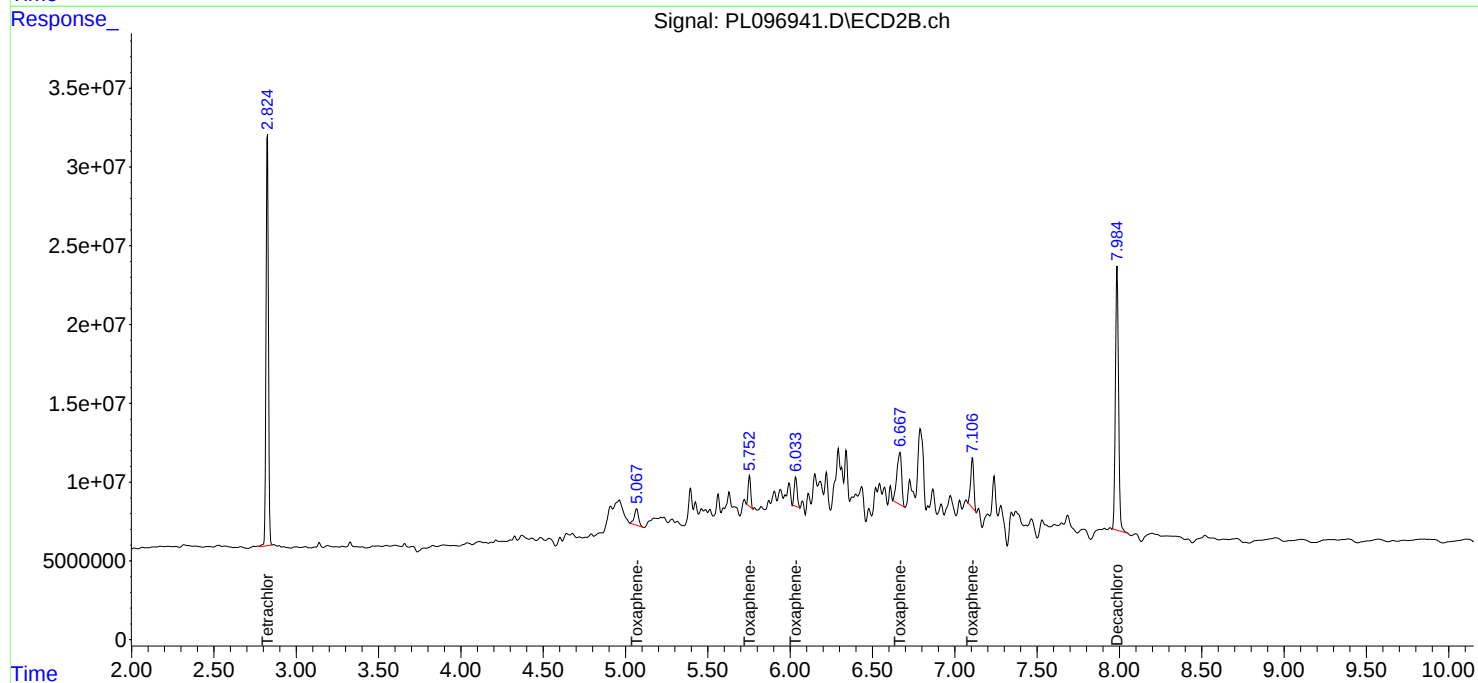
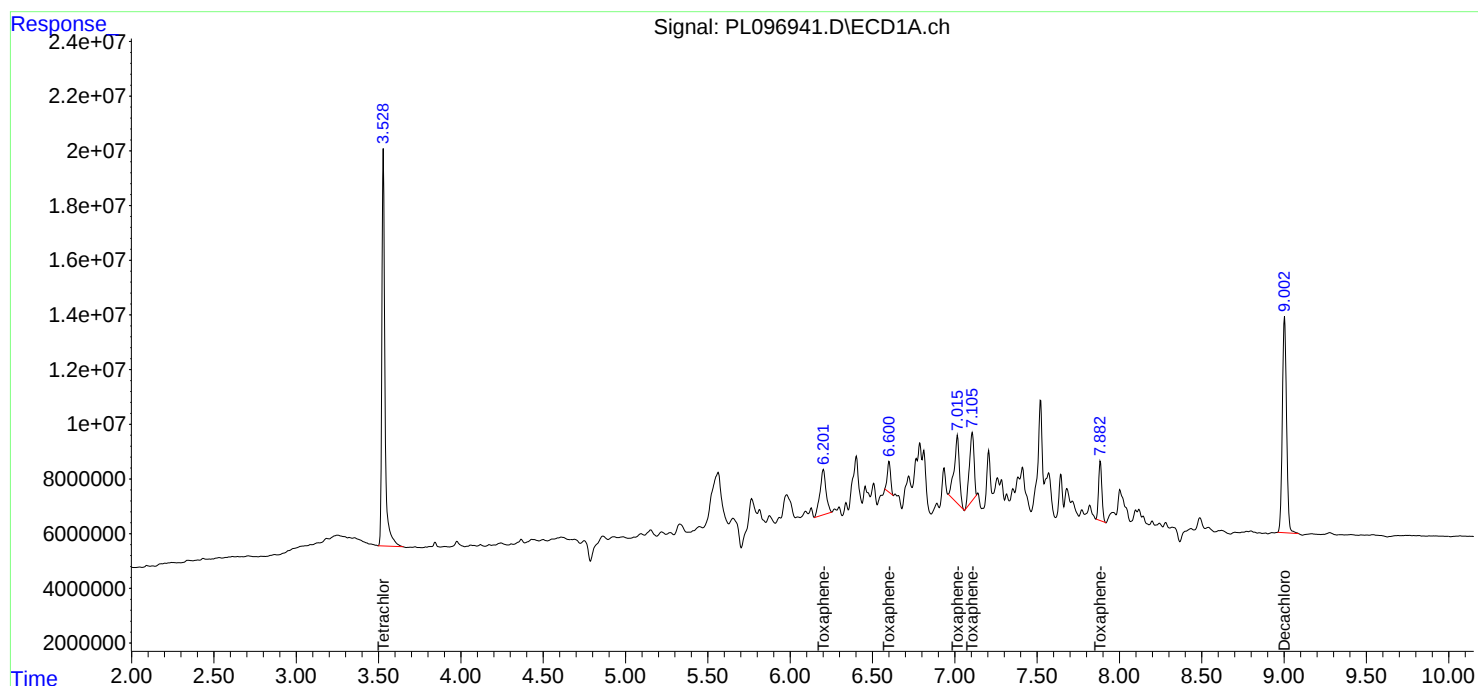
Instrument :
ECD_L
ClientSampleId :
ICVPL082025TOX

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 07:19:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 07:16:42 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025

08/20/2025

Continuing Calib Time: 17:24

Initial Calibration Time(s): 15:53

17:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
gamma-BHC (Lindane)	4.30	4.31	4.21	4.41	0.01
Heptachlor	4.89	4.90	4.80	5.00	0.01
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025

08/20/2025

Continuing Calib Time: 17:24

Initial Calibration Time(s): 15:53

17:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	7.98	7.99	7.89	8.09	0.01
Tetrachloro-m-xylene	2.82	2.83	2.73	2.93	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.79	4.80	4.70	4.90	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Methoxychlor	6.67	6.68	6.58	6.78	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097150.D **Time Analyzed:** 17:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.999	8.904	9.104	44.940	50.000	-10.1
Endrin	6.530	6.434	6.634	48.200	50.000	-3.6
gamma-BHC (Lindane)	4.302	4.205	4.405	49.670	50.000	-0.7
Heptachlor	4.892	4.796	4.996	50.160	50.000	0.3
Heptachlor epoxide	5.649	5.554	5.754	46.910	50.000	-6.2
Methoxychlor	7.450	7.354	7.554	46.120	50.000	-7.8
Tetrachloro-m-xylene	3.527	3.430	3.630	48.670	50.000	-2.7



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097150.D **Time Analyzed:** 17:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.983	7.887	8.087	48.950	50.000	-2.1
Endrin	5.702	5.604	5.804	53.190	50.000	6.4
gamma-BHC (Lindane)	3.659	3.562	3.762	52.100	50.000	4.2
Heptachlor	4.007	3.911	4.111	50.010	50.000	0.0
Heptachlor epoxide	4.791	4.695	4.895	50.970	50.000	1.9
Methoxychlor	6.673	6.577	6.777	49.940	50.000	-0.1
Tetrachloro-m-xylene	2.823	2.725	2.925	47.830	50.000	-4.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 17:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	192.0E6	269.6E6	48.674	47.827
28)	SA Decachlor...	8.999	7.983	133.0E6	234.8E6	44.936	48.949
Target Compounds							
2)	A alpha-BHC	3.974	3.328	291.7E6	412.2E6	50.352	50.195
3)	MA gamma-BHC...	4.302	3.659	271.3E6	383.8E6	49.666	52.103
4)	MA Heptachlor	4.892	4.007	267.5E6	376.3E6	50.160	50.006
5)	MB Aldrin	5.231	4.289	256.6E6	357.4E6	48.845	50.825
6)	B beta-BHC	4.488	3.955	112.5E6	163.1E6	49.189	50.005
7)	B delta-BHC	4.734	4.188	252.1E6	375.7E6	56.026	51.123
8)	B Heptachlo...	5.649	4.791	241.4E6	322.4E6	46.915m	50.970
9)	A Endosulfan I	6.033	5.162	206.5E6	293.0E6	48.060	48.909
10)	B gamma-Chl...	5.904	5.043	227.5E6	340.0E6	49.403m	51.428
11)	B alpha-Chl...	5.985	5.107	224.4E6	336.6E6	47.682	51.543
12)	B 4,4'-DDE	6.156	5.296	188.1E6	310.3E6	47.129	50.411
13)	MA Dieldrin	6.305	5.425	217.0E6	340.5E6	47.789	51.961m
14)	MA Endrin	6.530	5.702	180.5E6	314.2E6	48.198m	53.195
15)	B Endosulfa...	6.743	5.993	182.1E6	285.7E6	41.350m	49.966
16)	A 4,4'-DDD	6.663	5.848	153.8E6	267.7E6	48.734m	51.251
17)	MA 4,4'-DDT	6.978	6.101	166.8E6	276.3E6	47.614	50.443
18)	B Endrin al...	6.872	6.171	126.5E6	215.6E6	48.616m	52.038
19)	B Endosulfa...	7.106	6.395	162.0E6	279.7E6	47.183	49.913
20)	A Methoxychlor	7.450	6.673	80043206	149.8E6	46.121m	49.944
21)	B Endrin ke...	7.585	6.899	169.4E6	353.9E6	47.637	56.548
22)	Mirex	8.064	7.088	139.0E6	242.7E6	46.472	49.968

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

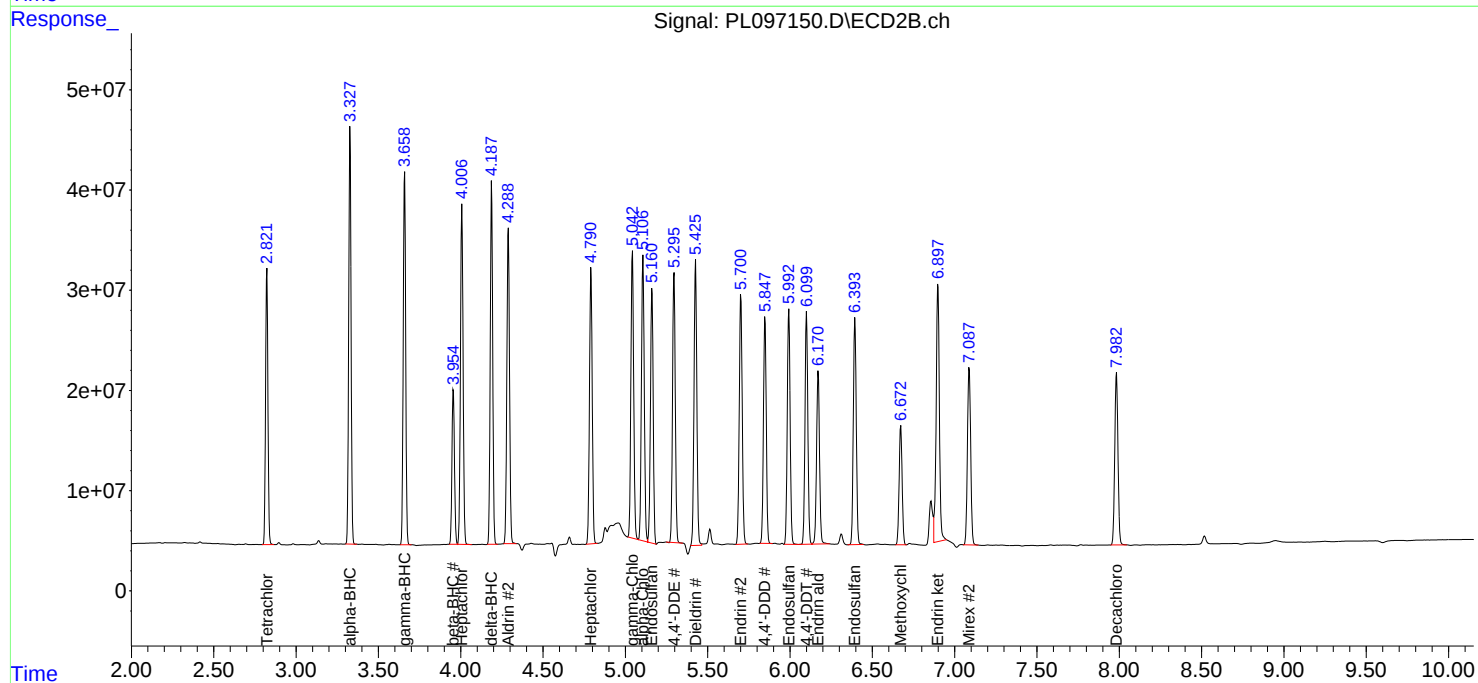
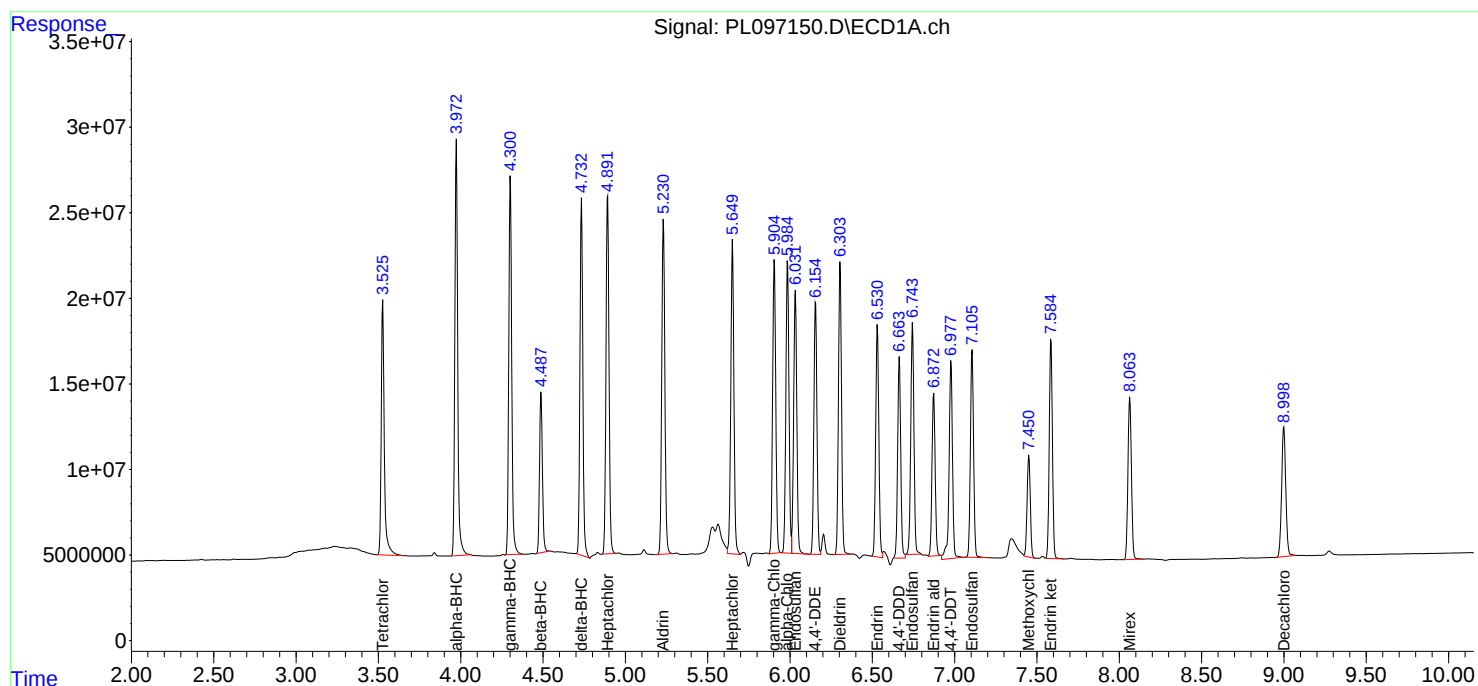
Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025

08/20/2025

Continuing Calib Time: 19:27

Initial Calibration Time(s): 15:53

17:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
gamma-BHC (Lindane)	4.30	4.31	4.21	4.41	0.01
Heptachlor	4.89	4.90	4.80	5.00	0.01
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025

08/20/2025

Continuing Calib Time: 19:27

Initial Calibration Time(s): 15:53

17:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	7.98	7.99	7.89	8.09	0.01
Tetrachloro-m-xylene	2.82	2.83	2.73	2.93	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.79	4.80	4.70	4.90	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Methoxychlor	6.67	6.68	6.58	6.78	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097159.D **Time Analyzed:** 19:27

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.999	8.904	9.104	44.360	50.000	-11.3
Endrin	6.529	6.434	6.634	47.490	50.000	-5.0
gamma-BHC (Lindane)	4.301	4.205	4.405	49.190	50.000	-1.6
Heptachlor	4.892	4.796	4.996	49.570	50.000	-0.9
Heptachlor epoxide	5.649	5.554	5.754	45.860	50.000	-8.3
Methoxychlor	7.451	7.354	7.554	44.200	50.000	-11.6
Tetrachloro-m-xylene	3.526	3.430	3.630	48.080	50.000	-3.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097159.D **Time Analyzed:** 19:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.983	7.887	8.087	49.050	50.000	-1.9
Endrin	5.701	5.604	5.804	52.880	50.000	5.8
gamma-BHC (Lindane)	3.659	3.562	3.762	52.150	50.000	4.3
Heptachlor	4.007	3.911	4.111	50.030	50.000	0.1
Heptachlor epoxide	4.791	4.695	4.895	51.080	50.000	2.2
Methoxychlor	6.673	6.577	6.777	49.750	50.000	-0.5
Tetrachloro-m-xylene	2.823	2.725	2.925	47.800	50.000	-4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 19:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:22:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.823	189.6E6	269.4E6	48.083	47.798
28)	SA Decachlor...	8.999	7.983	131.3E6	235.2E6	44.362	49.051
Target Compounds							
2)	A alpha-BHC	3.973	3.327	287.9E6	412.9E6	49.684	50.282
3)	MA gamma-BHC...	4.301	3.659	268.7E6	384.2E6	49.188	52.152
4)	MA Heptachlor	4.892	4.007	264.3E6	376.4E6	49.568	50.026
5)	MB Aldrin	5.231	4.289	253.5E6	358.9E6	48.244	51.030
6)	B beta-BHC	4.488	3.955	111.9E6	162.8E6	48.950	49.906
7)	B delta-BHC	4.734	4.188	251.1E6	377.8E6	55.804	51.403
8)	B Heptachlo...	5.649	4.791	236.0E6	323.1E6	45.863m	51.077
9)	A Endosulfan I	6.032	5.162	204.3E6	293.3E6	47.538	48.947
10)	B gamma-Chl...	5.903	5.043	225.3E6	340.9E6	48.922m	51.562
11)	B alpha-Chl...	5.985	5.107	221.4E6	337.0E6	47.038	51.606
12)	B 4,4'-DDE	6.156	5.296	185.4E6	310.8E6	46.471	50.495
13)	MA Dieldrin	6.305	5.425	215.1E6	344.0E6	47.375	52.489m
14)	MA Endrin	6.529	5.701	177.9E6	312.4E6	47.494m	52.882
15)	B Endosulfa...	6.743	5.993	181.0E6	286.6E6	41.094m	50.120
16)	A 4,4'-DDD	6.663	5.848	150.7E6	267.9E6	47.766m	51.303
17)	MA 4,4'-DDT	6.978	6.100	165.0E6	274.2E6	47.096	50.056
18)	B Endrin al...	6.871	6.171	126.0E6	217.3E6	48.433m	52.486
19)	B Endosulfa...	7.106	6.394	161.7E6	281.1E6	47.104	50.178
20)	A Methoxychlor	7.451	6.673	76709751	149.2E6	44.200	49.750
21)	B Endrin ke...	7.586	6.897	168.4E6	341.3E6	47.355	54.528m
22)	Mirex	8.063	7.088	138.0E6	244.6E6	46.141	50.367

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

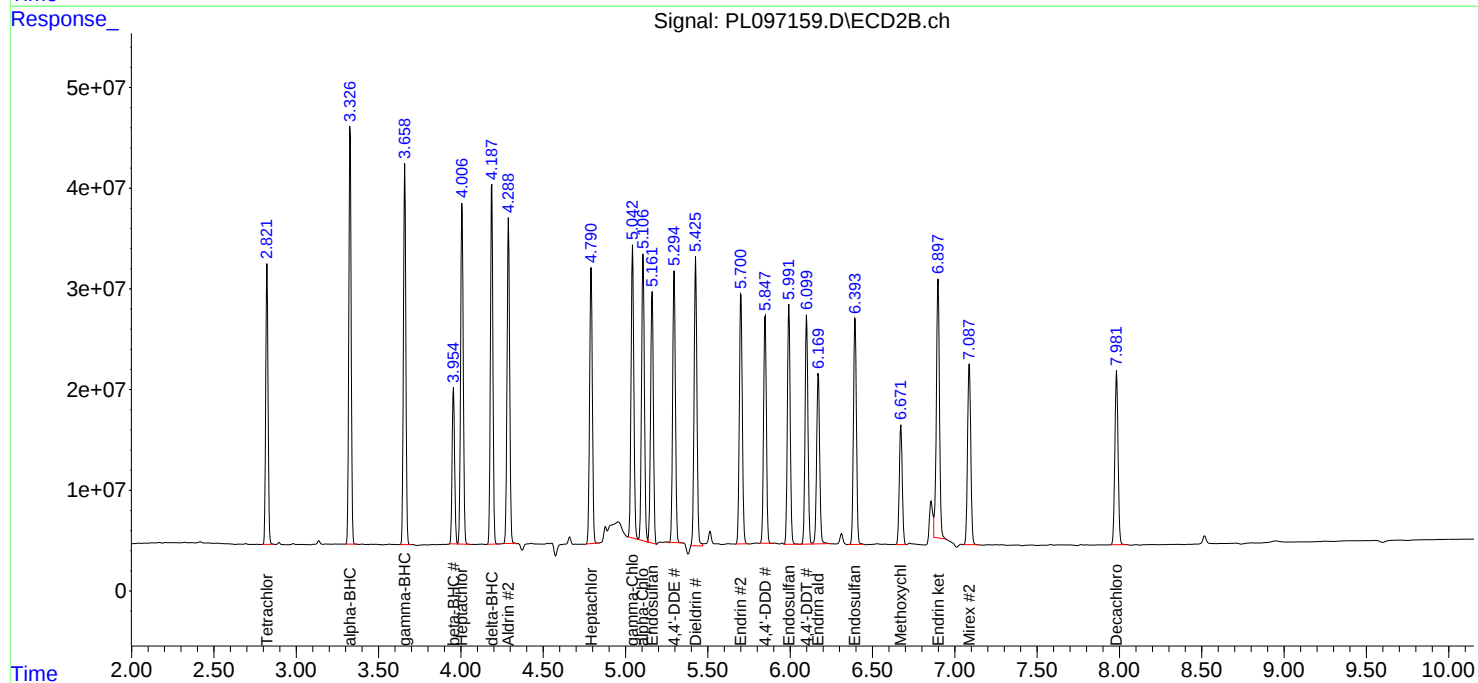
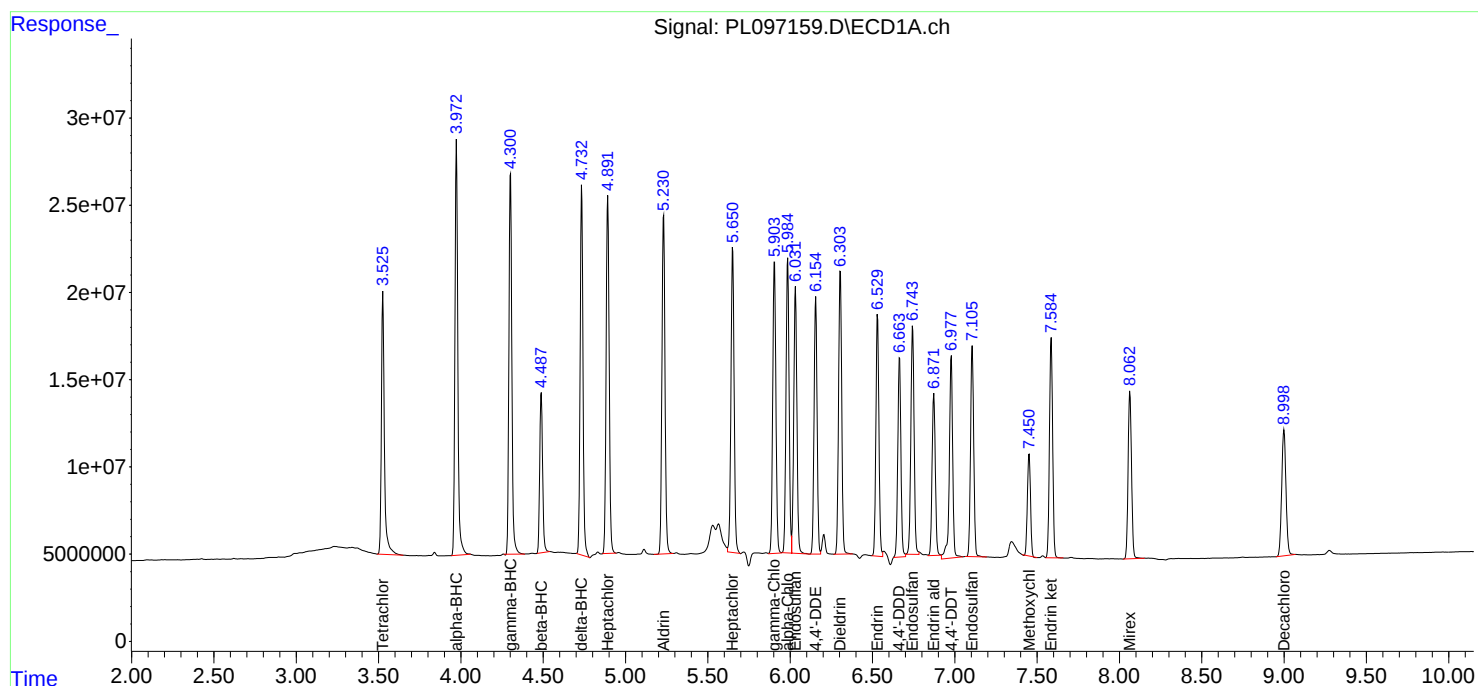
APPROVED

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL096922.D Date Analyzed: 08/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.004	8.900	9.100	18.790	20.000	-6.1
Tetrachloro-m-xylene	3.530	3.480	3.580	17.630	20.000	-11.9
alpha-BHC	3.977	3.930	4.030	8.590	10.000	-14.1
beta-BHC	4.491	4.440	4.540	8.850	10.000	-11.5
gamma-BHC (Lindane)	4.305	4.250	4.360	8.700	10.000	-13.0
Endrin	6.535	6.460	6.610	45.060	50.000	-9.9
4,4'-DDT	6.982	6.910	7.050	91.310	100.000	-8.7
Methoxychlor	7.454	7.380	7.520	228.510	250.000	-8.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL096922.D Date Analyzed: 08/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.986	7.890	8.090	18.510	20.000	-7.5
Tetrachloro-m-xylene	2.825	2.770	2.880	17.580	20.000	-12.1
alpha-BHC	3.330	3.280	3.380	8.510	10.000	-14.9
beta-BHC	3.958	3.910	4.010	8.900	10.000	-11.0
gamma-BHC (Lindane)	3.662	3.610	3.710	8.130	10.000	-18.7
Endrin	5.704	5.630	5.770	45.190	50.000	-9.6
4,4'-DDT	6.104	6.030	6.170	94.240	100.000	-5.8
Methoxychlor	6.677	6.610	6.750	210.320	250.000	-15.9

PEM
 Data File: PL096922.D Date Acquired 8/20/2025 15:25
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.53	168736732.8	173408208.5	4671475.7	2.69
Endrin aldehyde	6.88	1931355.876			
Endrin ketone	7.59	2740119.828			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.70	266938504.2	294708662.4	27770158.2	9.42
Endrin aldehyde #2	6.17	23840159.02			
Endrin ketone #2	6.90	3929999.159			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.98	319808118	322843312.1	3035194.07	0.94
4,4'-DDE	0.00	0			
4,4'-DDD	6.67	3035194.072			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.10	516149487.2	520371129.4	4221642.22	0.81
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.85	4221642.222			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
 Data File : PL096922.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 15:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 06:37:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.825	69515862	99107256	17.626	17.583
28)	SA Decachlor...	9.004	7.986	55625650	88778601	18.788	18.512
Target Compounds							
2)	A alpha-BHC	3.977	3.330	49776486	69880870	8.591	8.510
3)	MA gamma-BHC...	4.305	3.662	47536286	59912181	8.703	8.133
6)	B beta-BHC	4.491	3.958	20237268	29023027	8.849	8.897
14)	MA Endrin	6.535	5.704	168.7E6	266.9E6	45.058	45.189
16)	A 4,4'-DDD	6.667	5.851	3035194	4221642	0.962m	0.808m
17)	MA 4,4'-DDT	6.982	6.104	319.8E6	516.1E6	91.310	94.235
18)	B Endrin al...	6.879	6.172	1931356	23840159	0.742m	1.313 #
20)	A Methoxychlor	7.454	6.677	396.6E6	630.9E6	228.510	210.317
21)	B Endrin ke...	7.588	6.900	2740120	3929999	0.771m	0.628m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 15:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

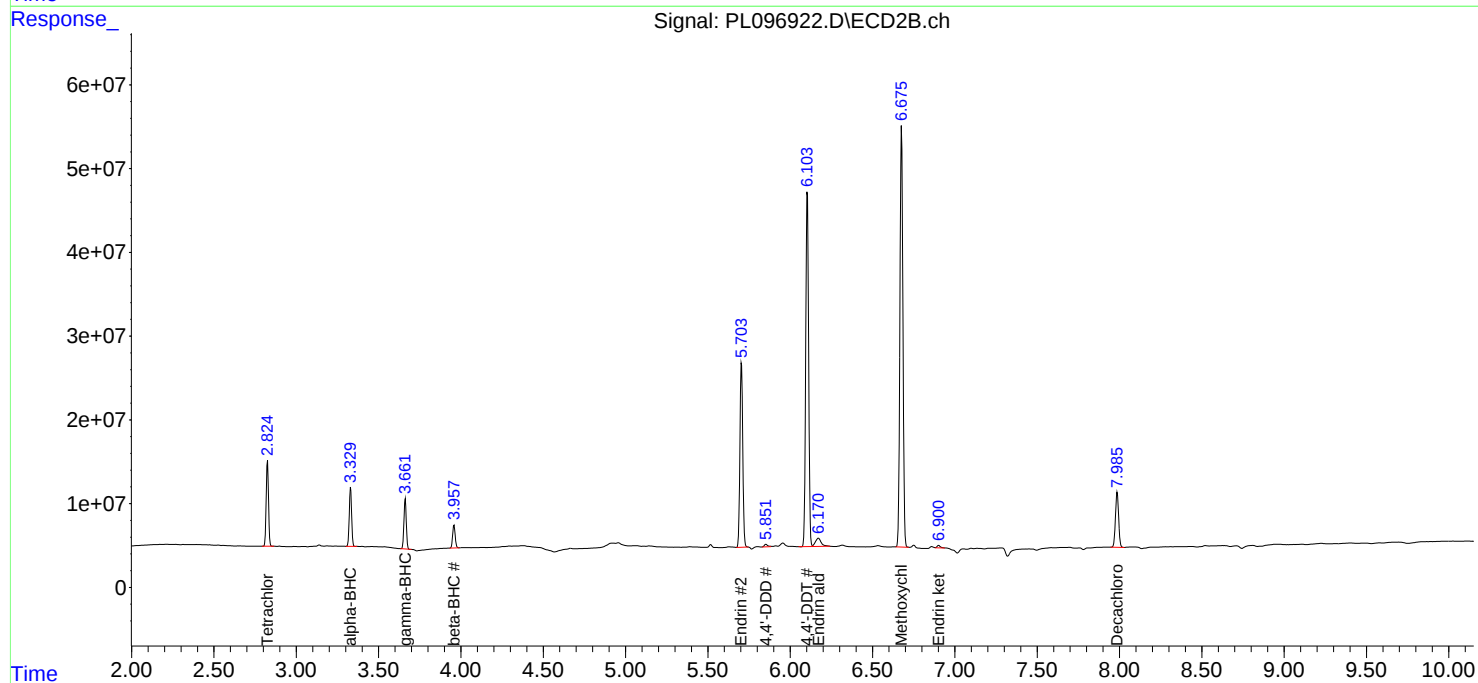
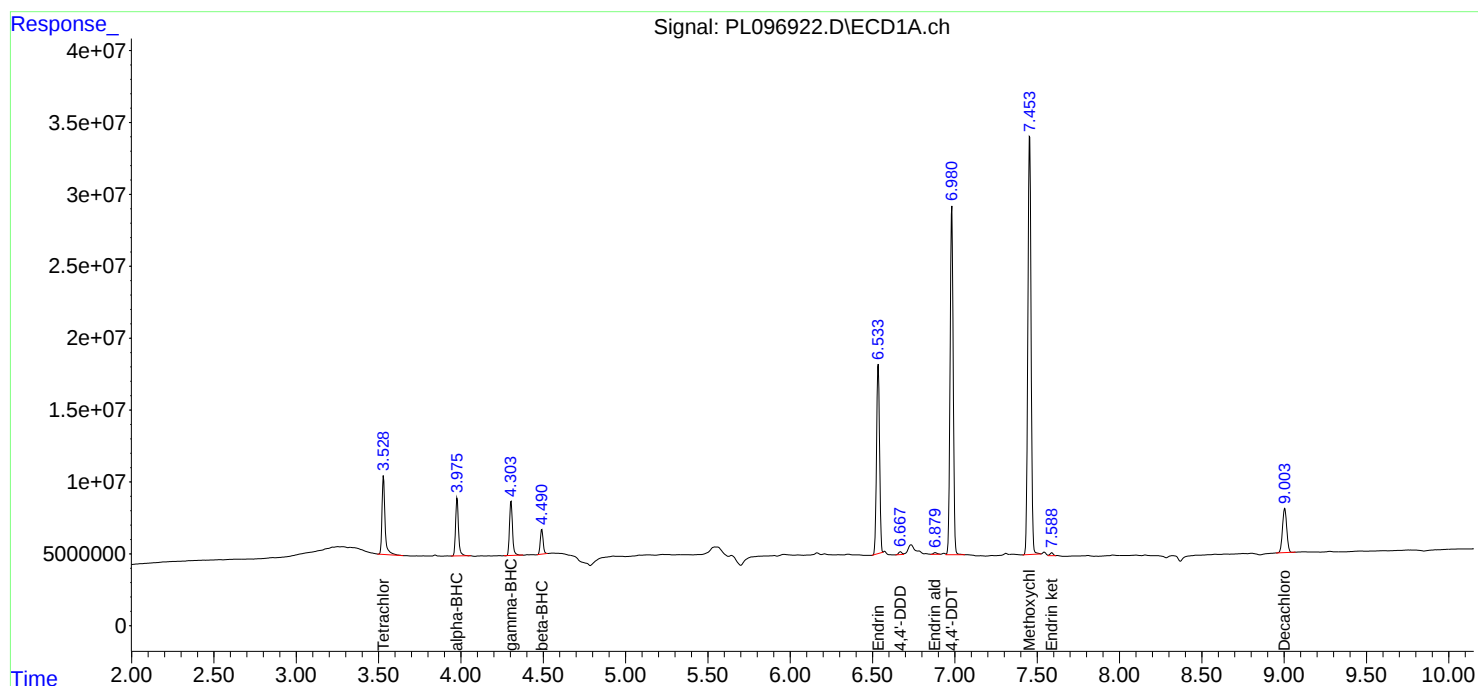
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:37:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL097149.D Date Analyzed: 09/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 17:11

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.001	8.900	9.100	18.490	20.000	-7.6
Tetrachloro-m-xylene	3.526	3.480	3.580	18.430	20.000	-7.9
alpha-BHC	3.973	3.920	4.020	9.080	10.000	-9.2
beta-BHC	4.488	4.440	4.540	9.770	10.000	-2.3
gamma-BHC (Lindane)	4.301	4.250	4.350	9.110	10.000	-8.9
Endrin	6.532	6.460	6.600	44.620	50.000	-10.8
4,4'-DDT	6.980	6.910	7.050	84.990	100.000	-15.0
Methoxychlor	7.452	7.380	7.520	210.590	250.000	-15.8

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL097149.D Date Analyzed: 09/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 17:11

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.983	7.880	8.080	20.380	20.000	1.9
Tetrachloro-m-xylene	2.821	2.770	2.870	18.210	20.000	-9.0
alpha-BHC	3.327	3.280	3.380	8.930	10.000	-10.7
beta-BHC	3.955	3.900	4.010	10.000	10.000	0.0
gamma-BHC (Lindane)	3.659	3.610	3.710	9.550	10.000	-4.5
Endrin	5.702	5.630	5.770	48.370	50.000	-3.3
4,4'-DDT	6.101	6.030	6.170	99.370	100.000	-0.6
Methoxychlor	6.674	6.600	6.740	212.830	250.000	-14.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 17:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:21:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.821	72684972	102.7E6	18.430	18.213
28)	SA Decachlor...	9.001	7.983	54741874	97723757	18.490	20.377
Target Compounds							
2)	A alpha-BHC	3.973	3.327	52618036	73301099	9.081	8.927
3)	MA gamma-BHC...	4.301	3.659	49778592	70363326	9.114	9.552
6)	B beta-BHC	4.488	3.955	22345857	32621402	9.771	10.000
14)	MA Endrin	6.532	5.702	167.1E6	285.7E6	44.616	48.366
16)	A 4,4'-DDD	6.665	5.849	6727452	13683471	2.132	2.620
17)	MA 4,4'-DDT	6.980	6.101	297.7E6	544.3E6	84.990	99.369
20)	A Methoxychlor	7.452	6.674	365.5E6	638.4E6	210.591	212.829
21)	B Endrin ke...	7.587	6.899	5736375	13348735	1.613	2.133 #

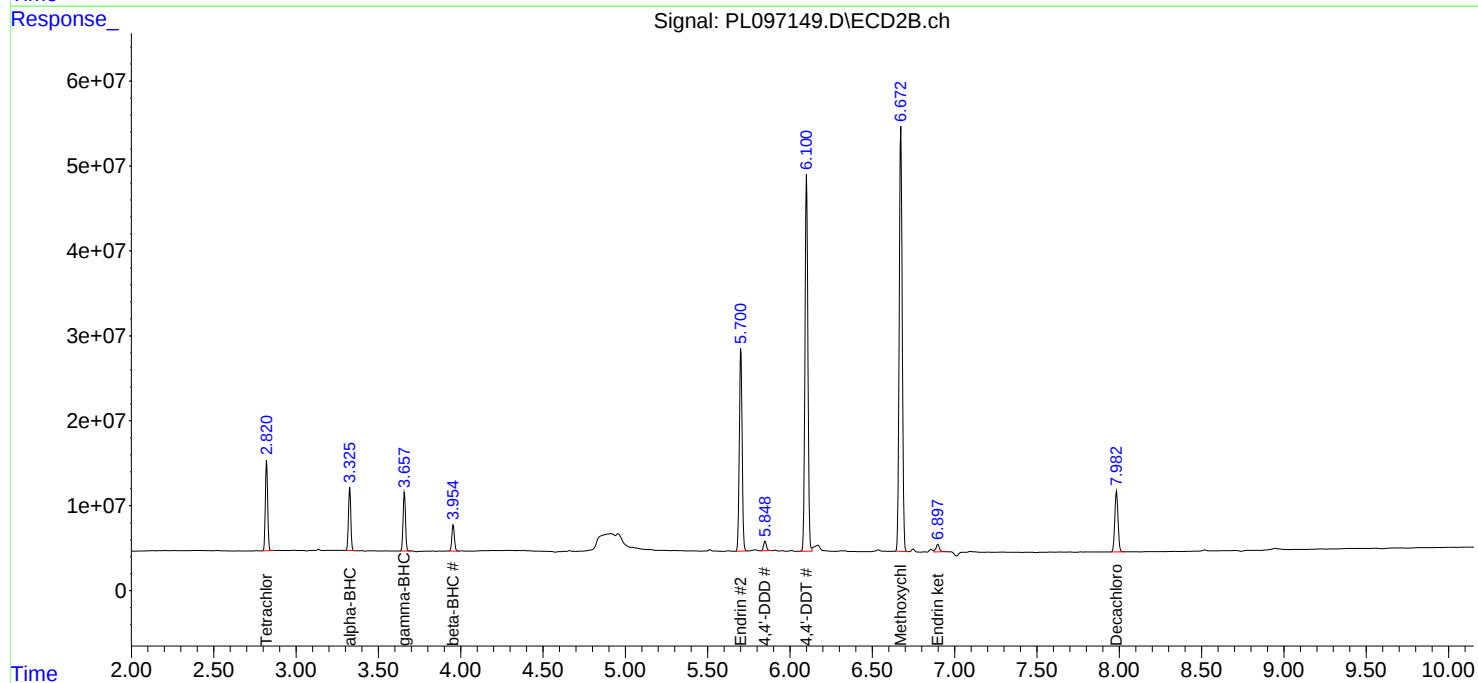
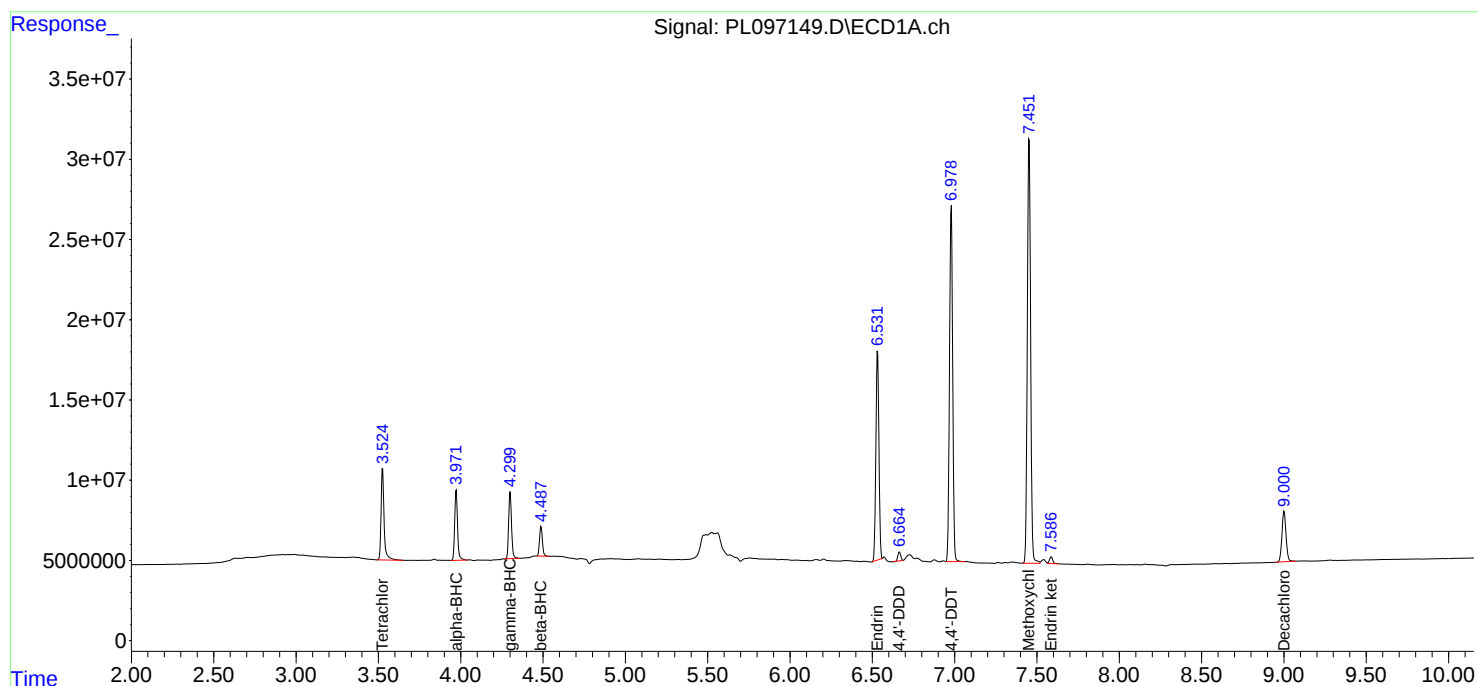
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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\PL082025\
Data File : PL096923.D
Acq On : 20 Aug 2025 15:39
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Title : GC Extractables
Last Update : Thu Aug 21 06:34:01 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.530	5.908	100.00%
5.908	6.036	100.00%
6.036	6.159	100.00%
6.159	6.308	100.00%
6.308	7.109	100.00%
7.109	7.454	100.00%
7.454	7.589	100.00%
7.589	9.004	100.00%

Signal #2

2.825	5.046	100.00%
5.046	5.165	100.00%
5.165	5.299	100.00%
5.299	5.430	100.00%
5.430	6.398	100.00%
6.398	6.676	100.00%
6.676	6.902	100.00%
6.902	7.987	100.00%

PL082025.M Thu Aug 21 10:11:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
 Data File : PL096923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2025 15:39
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RESCHK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 06:37:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.825	65799576	96969034	16.684	17.203
28)	SA Decachlor...	9.004	7.987	52777004	83765593	17.826	17.466
Target Compounds							
9)	A Endosulfan I	6.036	5.165	34096284	48852826	7.935	8.154
10)	B gamma-Chl...	5.908	5.046	37904371	55295075	8.230	8.364
12)	B 4,4'-DDE	6.159	5.299	68232766	104.3E6	17.100	16.948
13)	MA Dieldrin	6.308	5.430	76669145	110.3E6	16.884	16.829
19)	B Endosulfa...	7.109	6.398	59729662	97346286	17.397	17.374
20)	A Methoxychlor	7.454	6.676	155.6E6	253.4E6	89.673	84.467
21)	B Endrin ke...	7.589	6.902	62467197	103.5E6	17.570	16.544

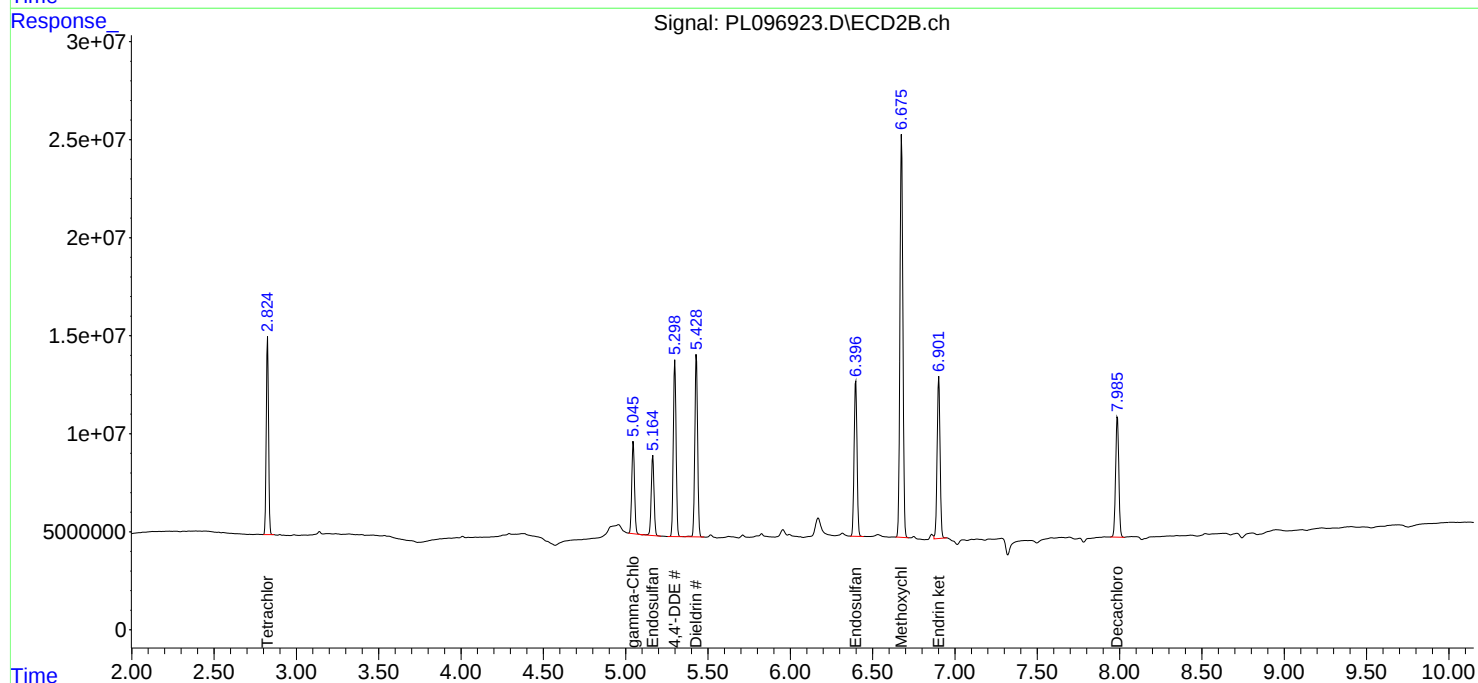
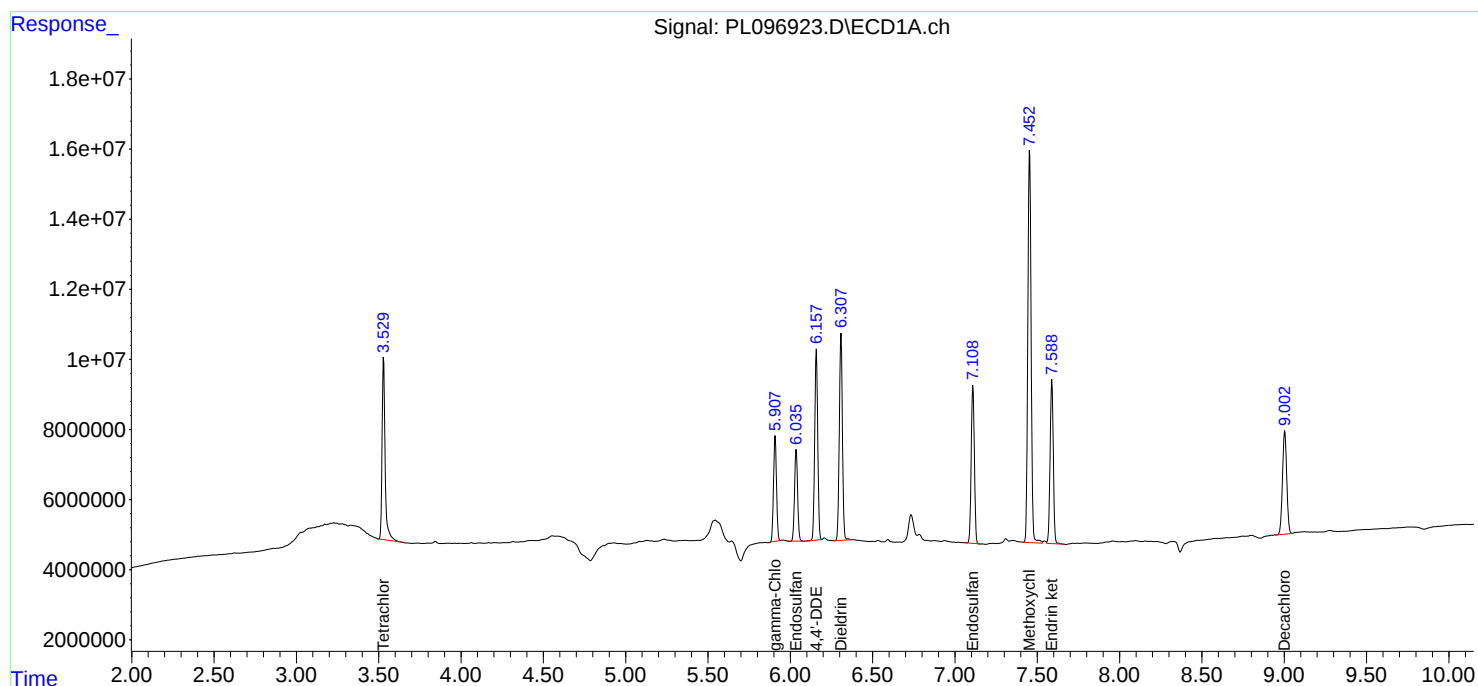
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 15:39
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:37:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/20/2025 08/20/2025

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 #
LBLK	LBLK	08/20/2025	15:12	PL096921.D	9.00	3.53
PEM	PEM	08/20/2025	15:25	PL096922.D	9.00	3.53
RESCHK	RESCHK	08/20/2025	15:39	PL096923.D	9.00	3.53
PSTDICCC100	PSTDICCC100	08/20/2025	15:53	PL096924.D	9.00	3.53
PSTDICCC075	PSTDICCC075	08/20/2025	16:06	PL096925.D	9.00	3.53
PSTDICCC050	PSTDICCC050	08/20/2025	16:20	PL096926.D	9.00	3.53
PSTDICCC025	PSTDICCC025	08/20/2025	16:33	PL096927.D	9.00	3.53
PSTDICCC005	PSTDICCC005	08/20/2025	17:20	PL096928.D	9.00	3.53
PCHLORICC500	PCHLORICC500	08/20/2025	18:01	PL096931.D	9.00	3.53
PTOXICC500	PTOXICC500	08/20/2025	19:09	PL096936.D	9.00	3.53
LBLK	LBLK	09/11/2025	16:28	PL097148.D	9.00	3.53
PEM	PEM	09/11/2025	17:11	PL097149.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/11/2025	17:24	PL097150.D	9.00	3.53
PB169663BL	PB169663BL	09/11/2025	17:38	PL097151.D	9.00	3.53
PB169663BS	PB169663BS	09/11/2025	17:52	PL097152.D	9.00	3.53
PB169589TB	PB169589TB	09/11/2025	18:05	PL097153.D	9.00	3.53
SOIL-PILE-1	Q3032-02	09/11/2025	18:19	PL097154.D	9.00	3.53
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	18:32	PL097155.D	9.00	3.53
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	18:46	PL097156.D	9.00	3.53
SOIL-PILE-2	Q3032-05	09/11/2025	19:00	PL097157.D	9.00	3.53
LBLK	LBLK	09/11/2025	19:13	PL097158.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/11/2025	19:27	PL097159.D	9.00	3.53

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_L

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/20/2025 08/20/2025

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	08/20/2025	15:12	PL096921.D	7.99	2.83
PEM	PEM	08/20/2025	15:25	PL096922.D	7.99	2.83
RESCHK	RESCHK	08/20/2025	15:39	PL096923.D	7.99	2.83
PSTDICC100	PSTDICC100	08/20/2025	15:53	PL096924.D	7.99	2.83
PSTDICC075	PSTDICC075	08/20/2025	16:06	PL096925.D	7.99	2.83
PSTDICC050	PSTDICC050	08/20/2025	16:20	PL096926.D	7.99	2.83
PSTDICC025	PSTDICC025	08/20/2025	16:33	PL096927.D	7.99	2.82
PSTDICC005	PSTDICC005	08/20/2025	17:20	PL096928.D	7.99	2.82
PCHLORICC500	PCHLORICC500	08/20/2025	18:01	PL096931.D	7.99	2.82
PTOXICC500	PTOXICC500	08/20/2025	19:09	PL096936.D	7.99	2.83
IBLK	IBLK	09/11/2025	16:28	PL097148.D	7.98	2.82
PEM	PEM	09/11/2025	17:11	PL097149.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/11/2025	17:24	PL097150.D	7.98	2.82
PB169663BL	PB169663BL	09/11/2025	17:38	PL097151.D	7.98	2.82
PB169663BS	PB169663BS	09/11/2025	17:52	PL097152.D	7.98	2.82
PB169589TB	PB169589TB	09/11/2025	18:05	PL097153.D	7.98	2.82
SOIL-PILE-1	Q3032-02	09/11/2025	18:19	PL097154.D	7.98	2.82
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	18:32	PL097155.D	7.98	2.82
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	18:46	PL097156.D	7.98	2.82
SOIL-PILE-2	Q3032-05	09/11/2025	19:00	PL097157.D	7.98	2.82
IBLK	IBLK	09/11/2025	19:13	PL097158.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/11/2025	19:27	PL097159.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169663BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169663BS

Date(s) Analyzed: 09/11/2025 09/11/2025

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	7.45	7.40	7.50	0.45	11.4
	2	6.67	6.62	6.72	0.50	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	0.49	8.9
	2	3.66	3.61	3.71	0.54	
Heptachlor	1	4.89	4.84	4.94	0.50	2.2
	2	4.01	3.96	4.06	0.51	
Heptachlor epoxide	1	5.65	5.60	5.70	0.46	14.2
	2	4.79	4.74	4.84	0.54	
Endrin	1	6.53	6.48	6.58	0.48	7.6
	2	5.70	5.65	5.75	0.51	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MS

Date(s) Analyzed: 09/11/2025 09/11/2025

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		
Endrin	1	6.53	6.48	6.58	5.40	7.1
	2	5.70	5.65	5.75	5.80	
Methoxychlor	1	7.45	7.40	7.50	5.00	11.3
	2	6.67	6.62	6.72	5.60	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	5.40	8.8
	2	3.66	3.61	3.71	5.90	
Heptachlor	1	4.89	4.84	4.94	5.50	1.8
	2	4.01	3.96	4.06	5.60	
Heptachlor epoxide	1	5.65	5.60	5.70	5.10	12.8
	2	4.79	4.74	4.84	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MSD

Date(s) Analyzed: 09/11/2025 09/11/2025

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	7.45	7.40	7.50	4.90	13.3
	2	6.67	6.62	6.72	5.60	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	5.40	7.1
	2	3.66	3.61	3.71	5.80	
Heptachlor	1	4.89	4.84	4.94	5.50	0
	2	4.01	3.96	4.06	5.50	
Heptachlor epoxide	1	5.65	5.60	5.70	5.00	14.8
	2	4.79	4.74	4.84	5.80	
Endrin	1	6.53	6.48	6.58	5.40	5.4
	2	5.70	5.65	5.75	5.70	



QC SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169663BL	SDG No.:	Q3032
Lab Sample ID:	PB169663BL	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
PL097151.D	1	09/11/25 09:30	09/11/25 17:38	PB169663

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	20.2		30 (57) - 150 (171)	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		30 (61) - 150 (148)	89%	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\PL091325\
Data File : PL097151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:38
Operator : AR\AJ
Sample : PB169663BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169663BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.823	68037753	99952854	17.252	17.733
28)	SA Decachlor...	9.000	7.982	53051779	96980814	17.919	20.222

Target Compounds

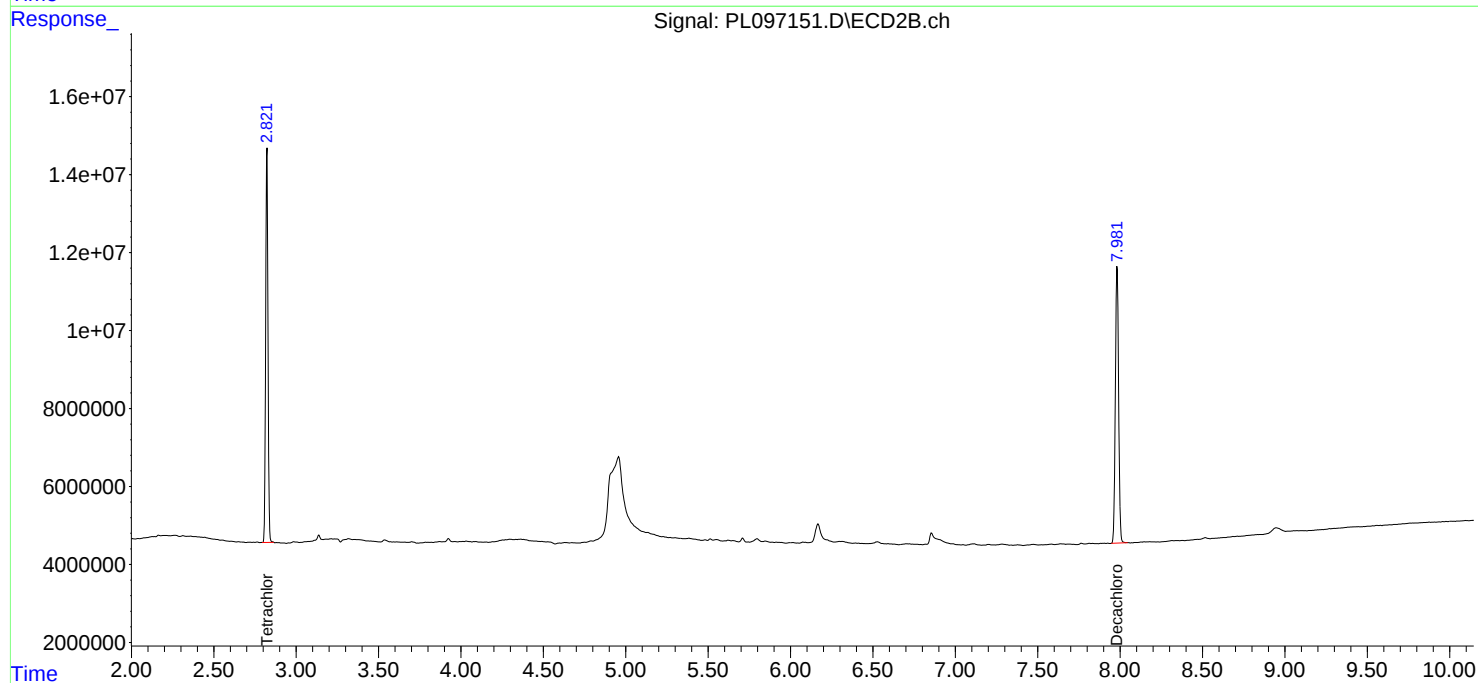
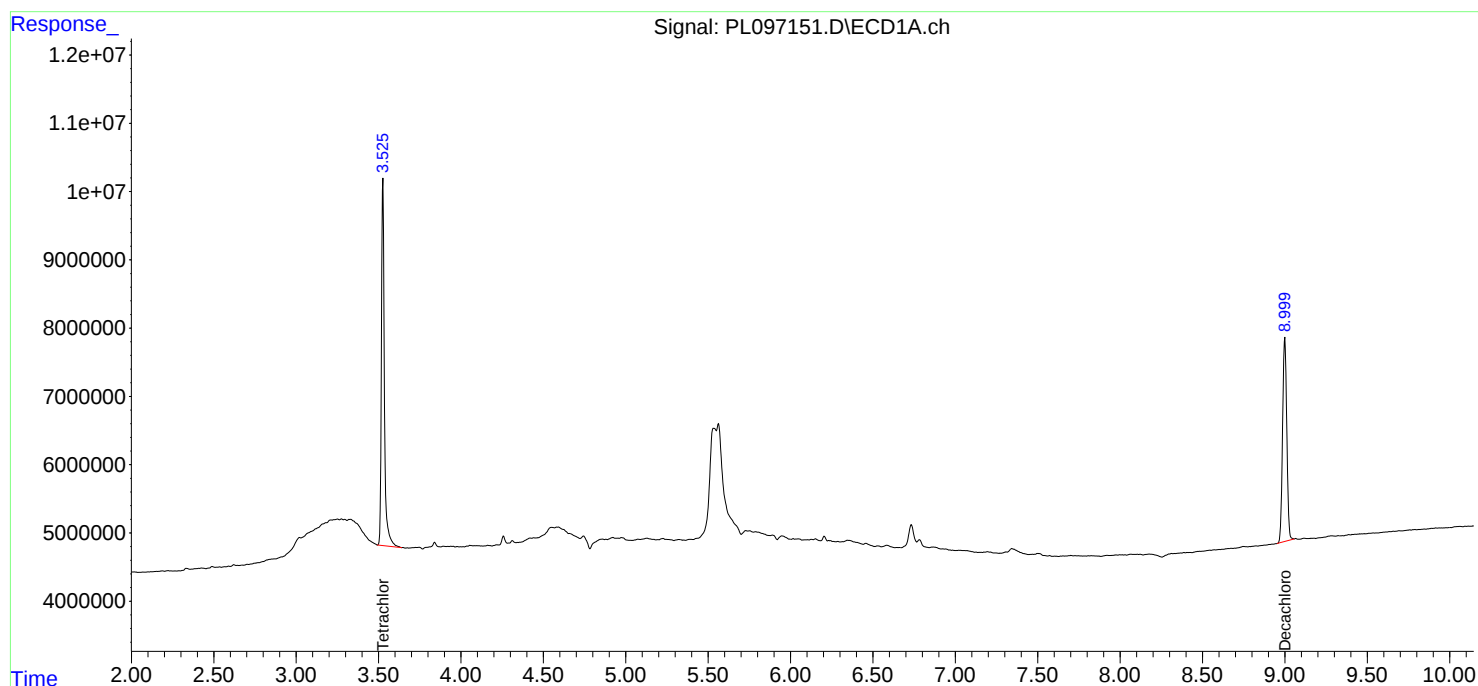
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 17:38
Operator : AR\AJ
Sample : PB169663BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169663BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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: PL097151.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 68037753
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169663BL

Time

Response_ Signal: PL097151.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 99952854
Conc: 17.73 ng/ml

Time

Response_ Signal: PL097151.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 53051779
Conc: 17.92 ng/ml

Time

Response_ Signal: PL097151.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 96980814
Conc: 20.22 ng/ml

Time

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	08/20/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	08/20/25
Client Sample ID:	PIBLK-PL096921.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PL096921.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
PL096921.D	1		08/20/25	PL082025

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	19.1		30 (57) - 150 (171)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		30 (61) - 150 (148)	89%	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\PL082025\
Data File : PL096921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 15:12
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: Aug 21 06:37:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.825	68735701	100.2E6	17.429	17.773
28)	SA Decachlor...	9.002	7.985	56495954	90361068	19.082	18.842

Target Compounds

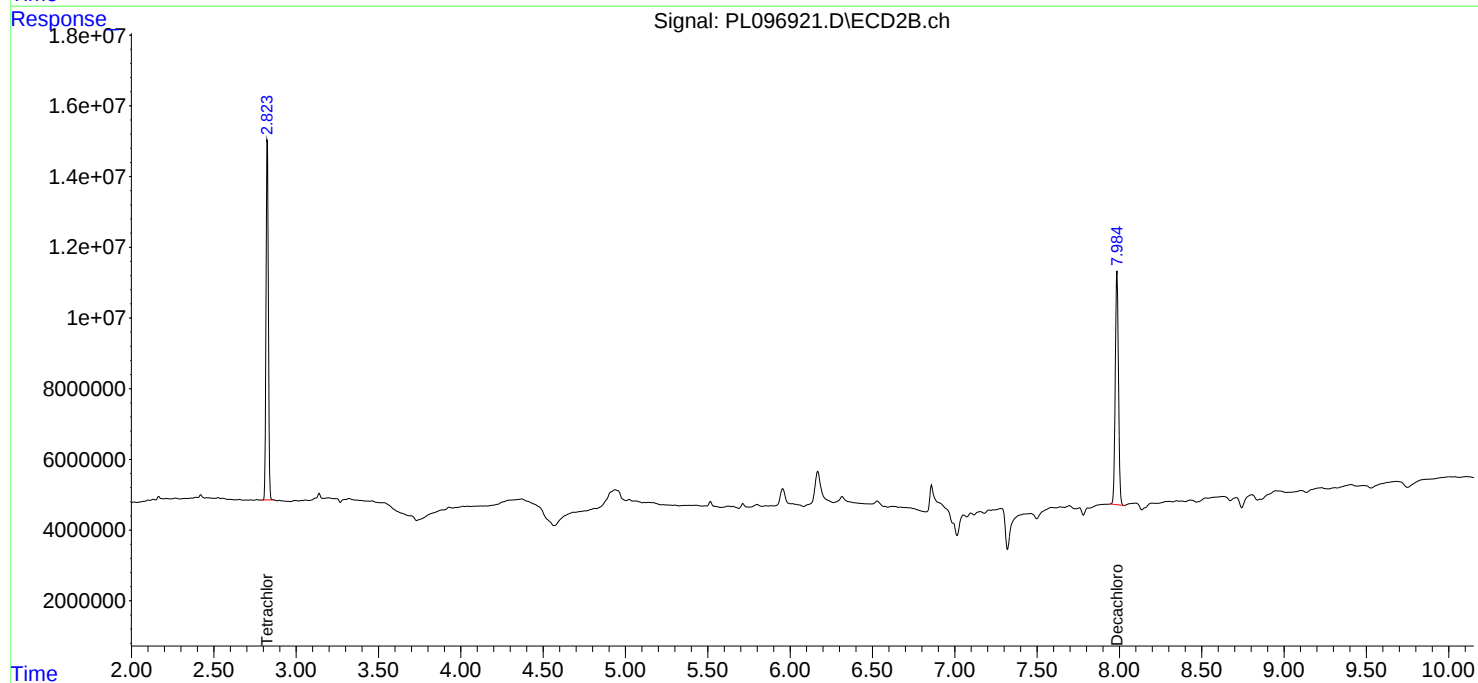
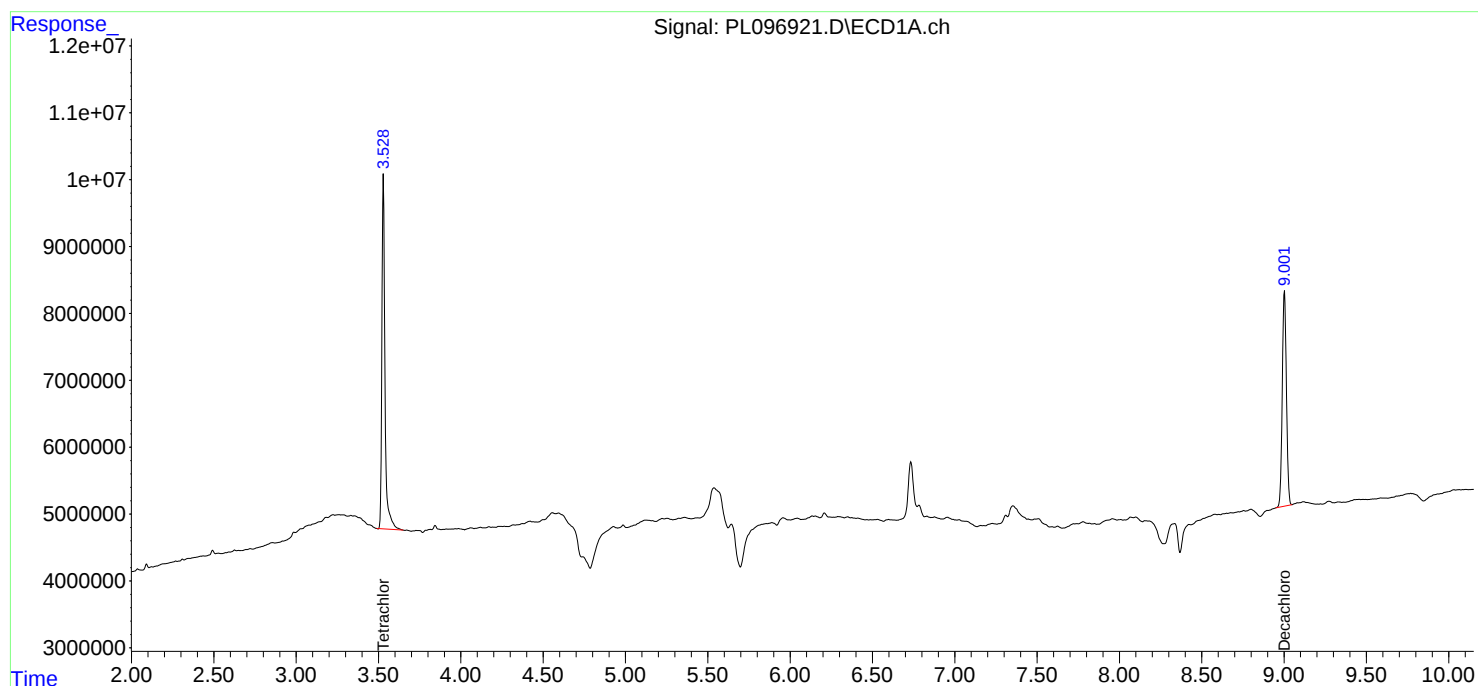
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

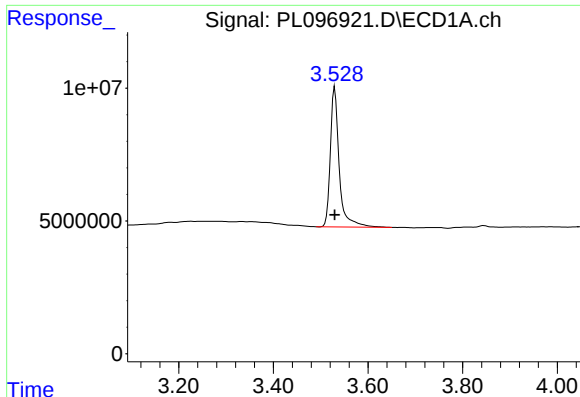
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082025\
Data File : PL096921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2025 15:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:37:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

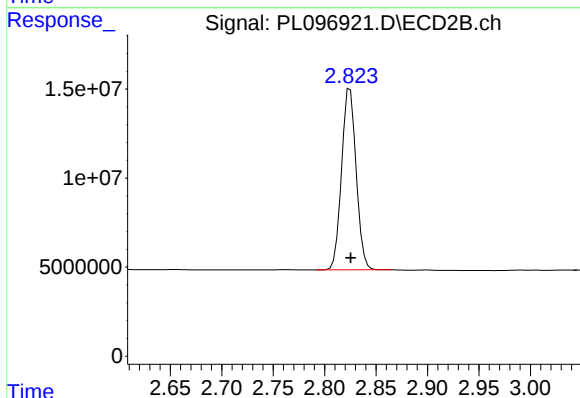




#1 Tetrachloro-m-xylene

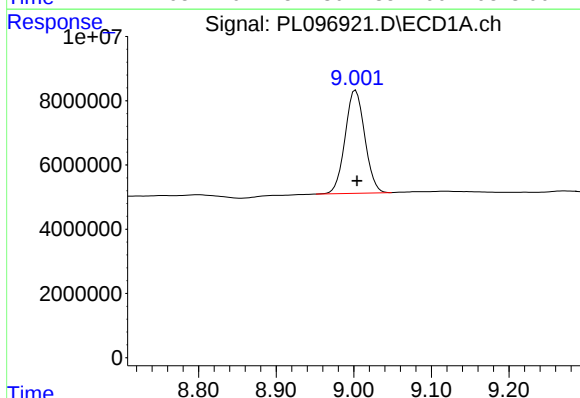
R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 68735701
Conc: 17.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



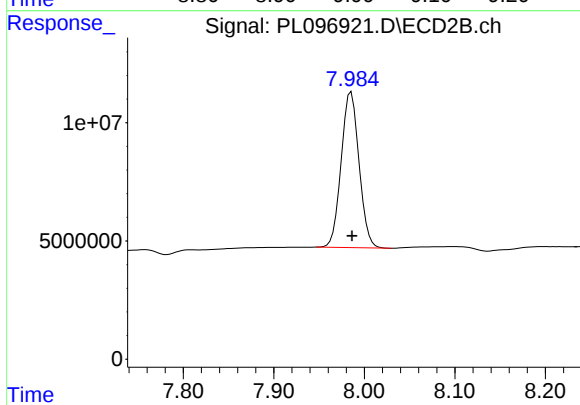
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 100178595
Conc: 17.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.001 min
Response: 56495954
Conc: 19.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.001 min
Response: 90361068
Conc: 18.84 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PIBLK-PL097148.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PL097148.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
PL097148.D	1		09/11/25	pl091325

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	23.2		30 (57) - 150 (171)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		30 (61) - 150 (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\PL091325\
Data File : PL097148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 16:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.821	82627829	117.1E6	20.951	20.773
28)	SA Decachlor...	9.000	7.982	63341826	111.1E6	21.394	23.160

Target Compounds

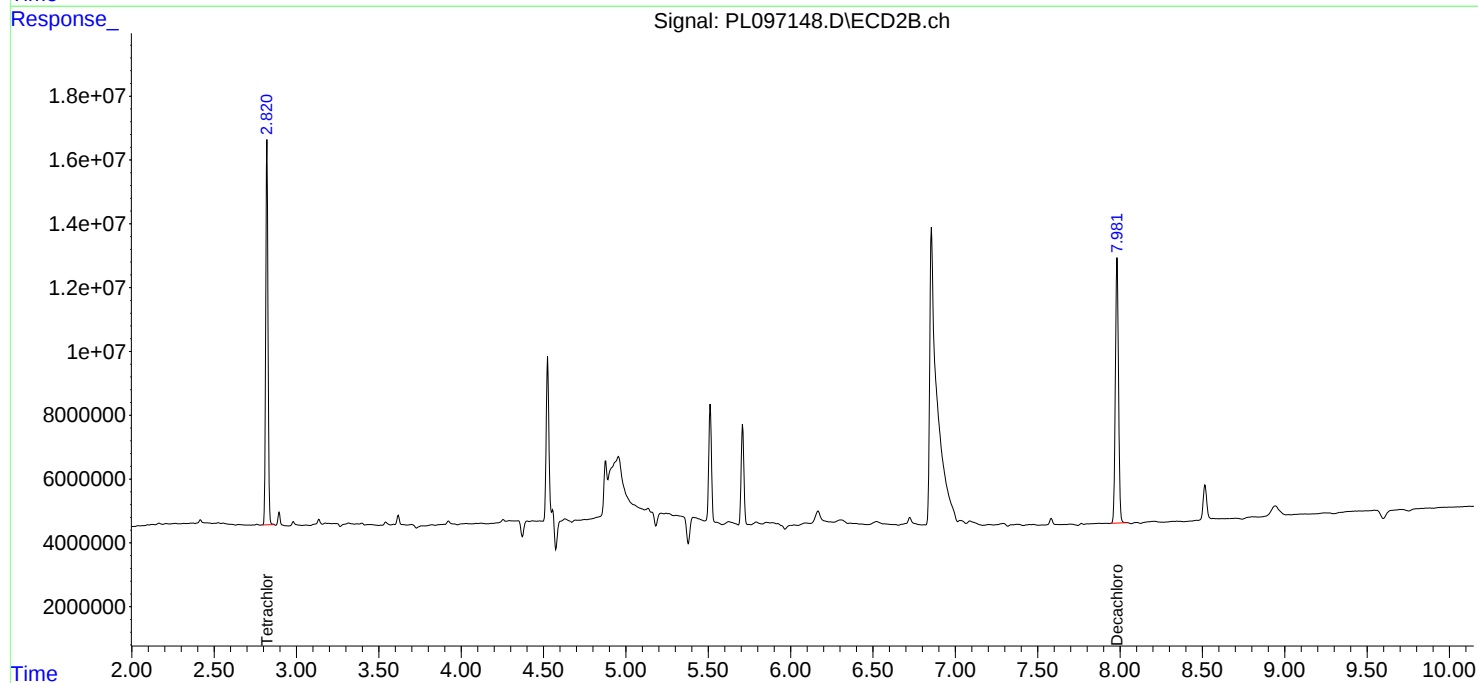
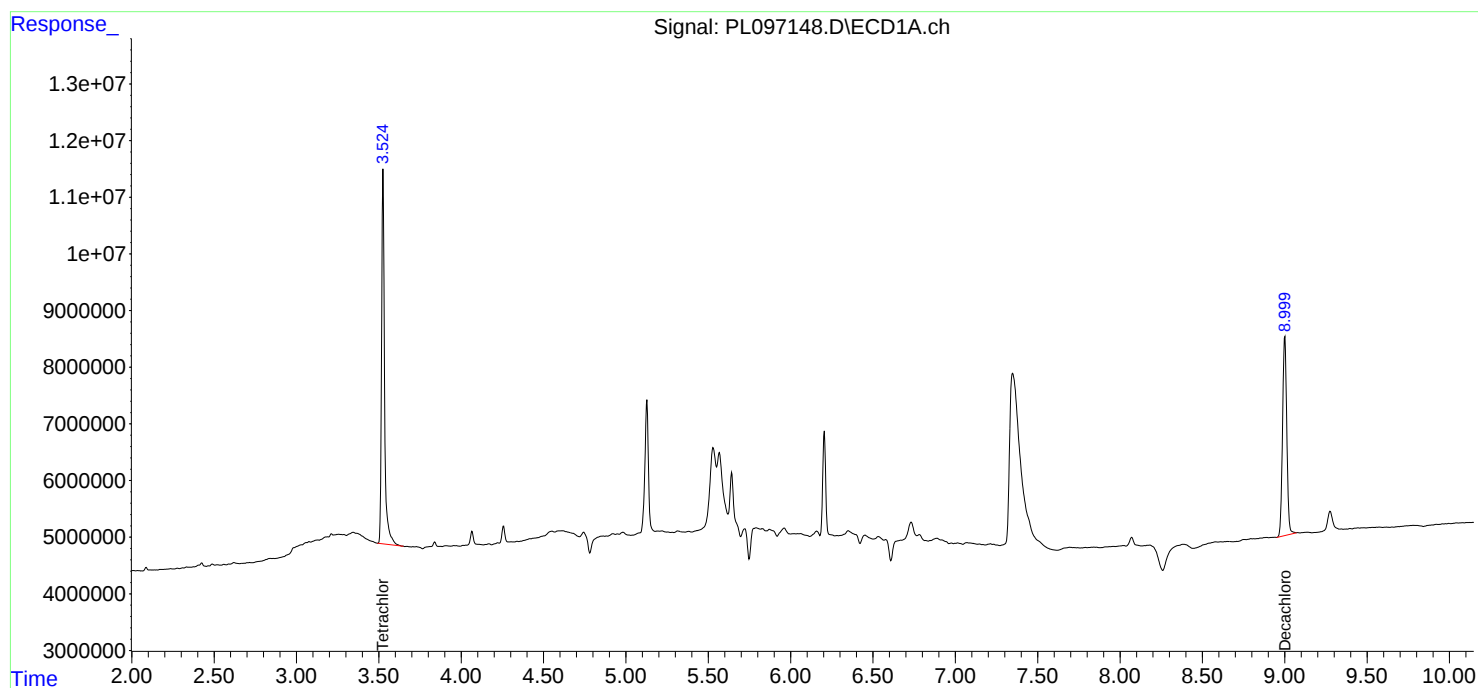
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

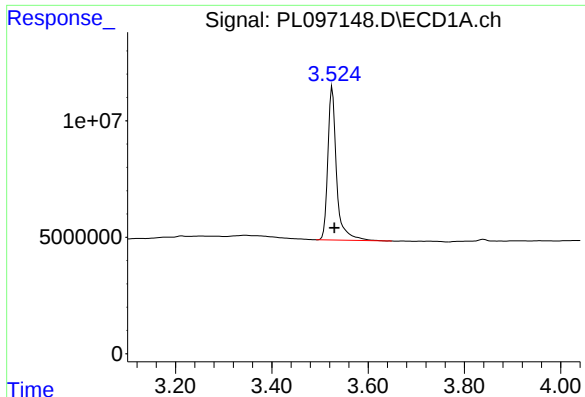
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 16:28
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

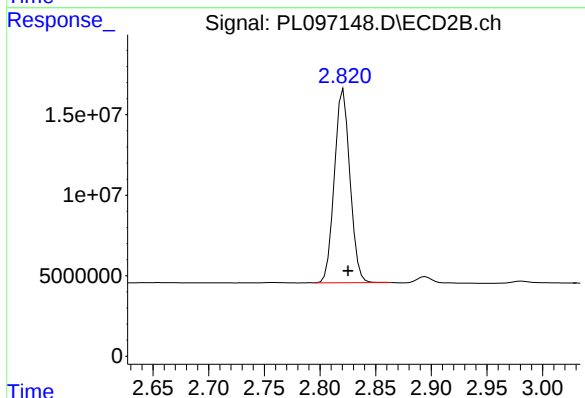




#1 Tetrachloro-m-xylene

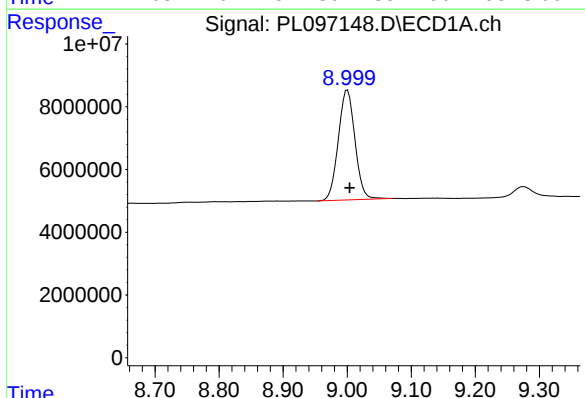
R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 82627829
Conc: 20.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



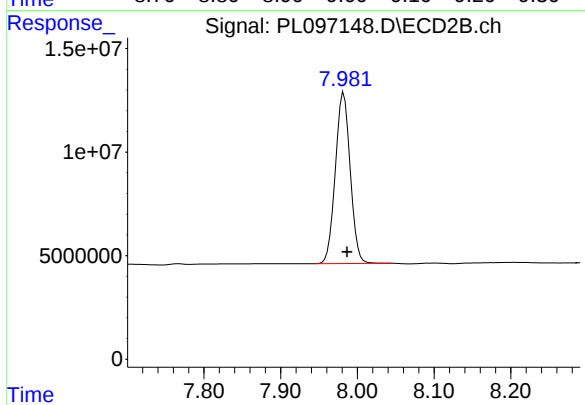
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.004 min
Response: 117088358
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.003 min
Response: 63341826
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 111071862
Conc: 23.16 ng/ml

Report of Analysis

Client:	Zuccaro Inc.			Date Collected:	09/11/25	
Project:	3 Coal Ave., Morristown, NJ			Date Received:	09/11/25	
Client Sample ID:	PIBLK-PL097158.D			SDG No.:	Q3032	
Lab Sample ID:	I.BLK-PL097158.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
PL097158.D	1		09/11/25	pl091325

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	22.9		30 (57) - 150 (171)	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		30 (61) - 150 (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 OC 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\PL091325\
Data File : PL097158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:13
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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...	3.526	2.823	79619263	117.4E6	20.188	20.834
28)	SA Decachlor...	9.000	7.982	61435168	110.0E6	20.750	22.938

Target Compounds

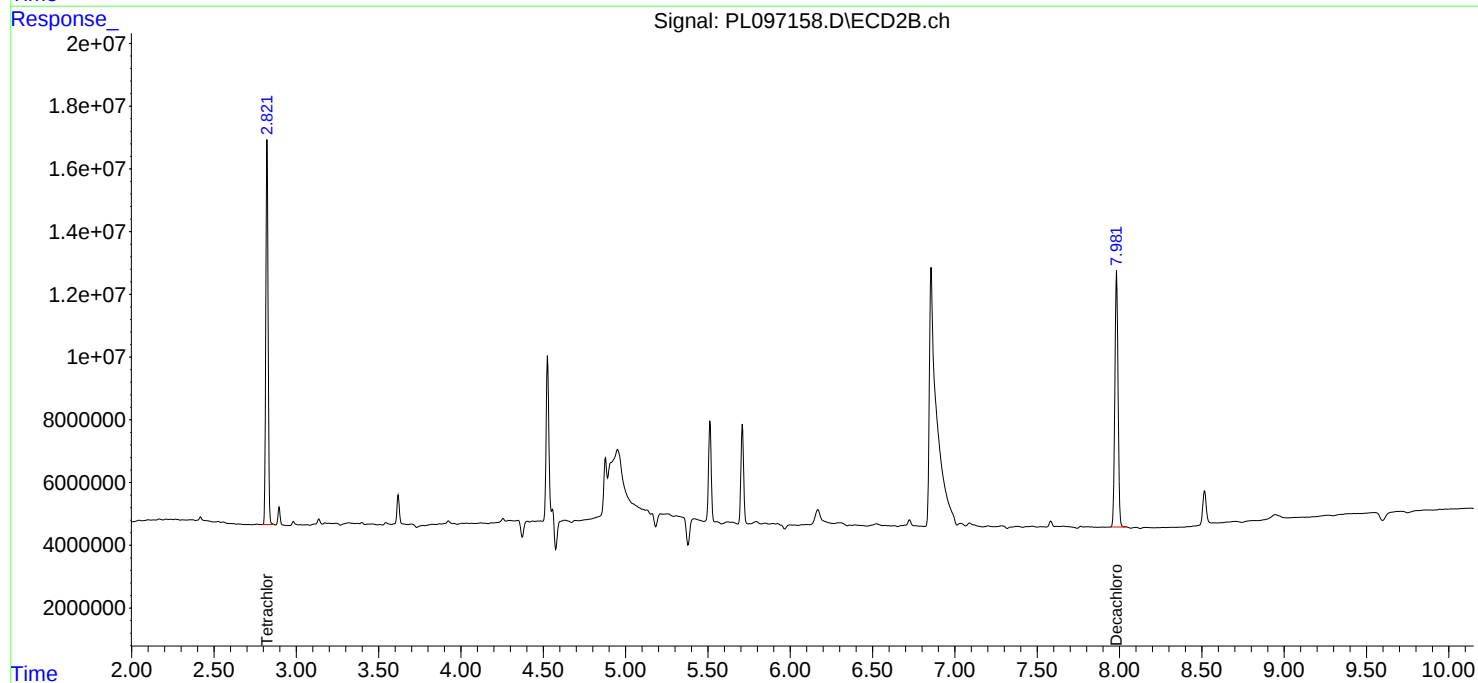
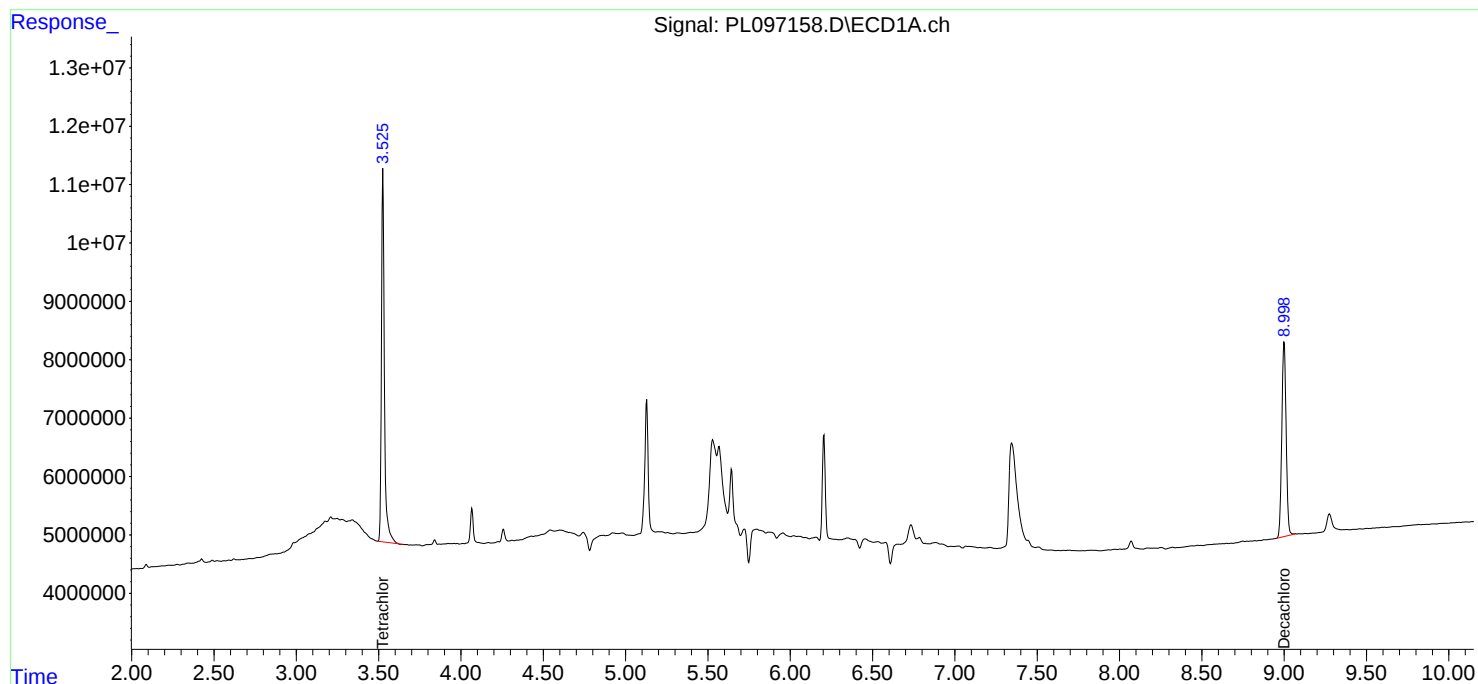
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

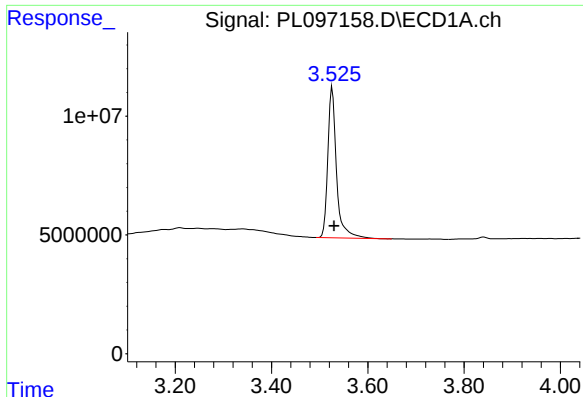
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:13
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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

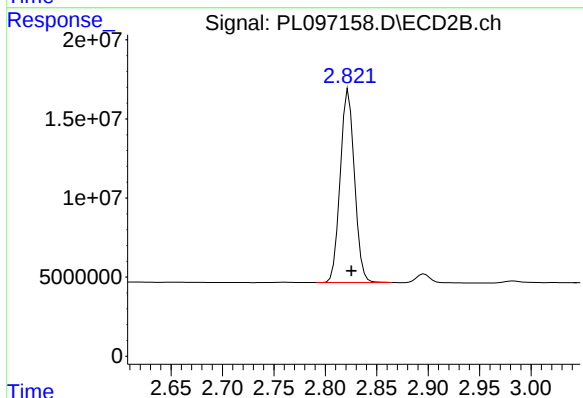




#1 Tetrachloro-m-xylene

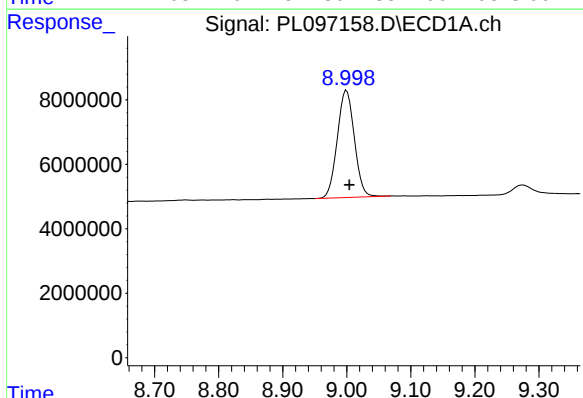
R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 79619263
Conc: 20.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



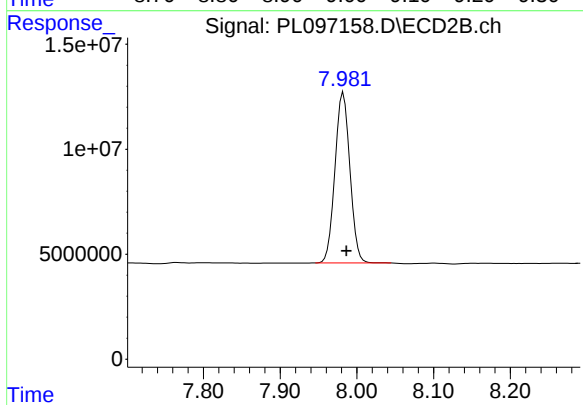
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 117434104
Conc: 20.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 61435168
Conc: 20.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 110005560
Conc: 22.94 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169663BS	SDG No.:	Q3032
Lab Sample ID:	PB169663BS	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
PL097152.D	1	09/11/25 09:30	09/11/25 17:52	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.54		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.51		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.54		0.0096	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.50		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	25.3		30 (57) - 150 (171)	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		30 (61) - 150 (148)	112%	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\PL091325\
 Data File : PL097152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 17:52
 Operator : AR\AJ
 Sample : PB169663BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169663BS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:21:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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

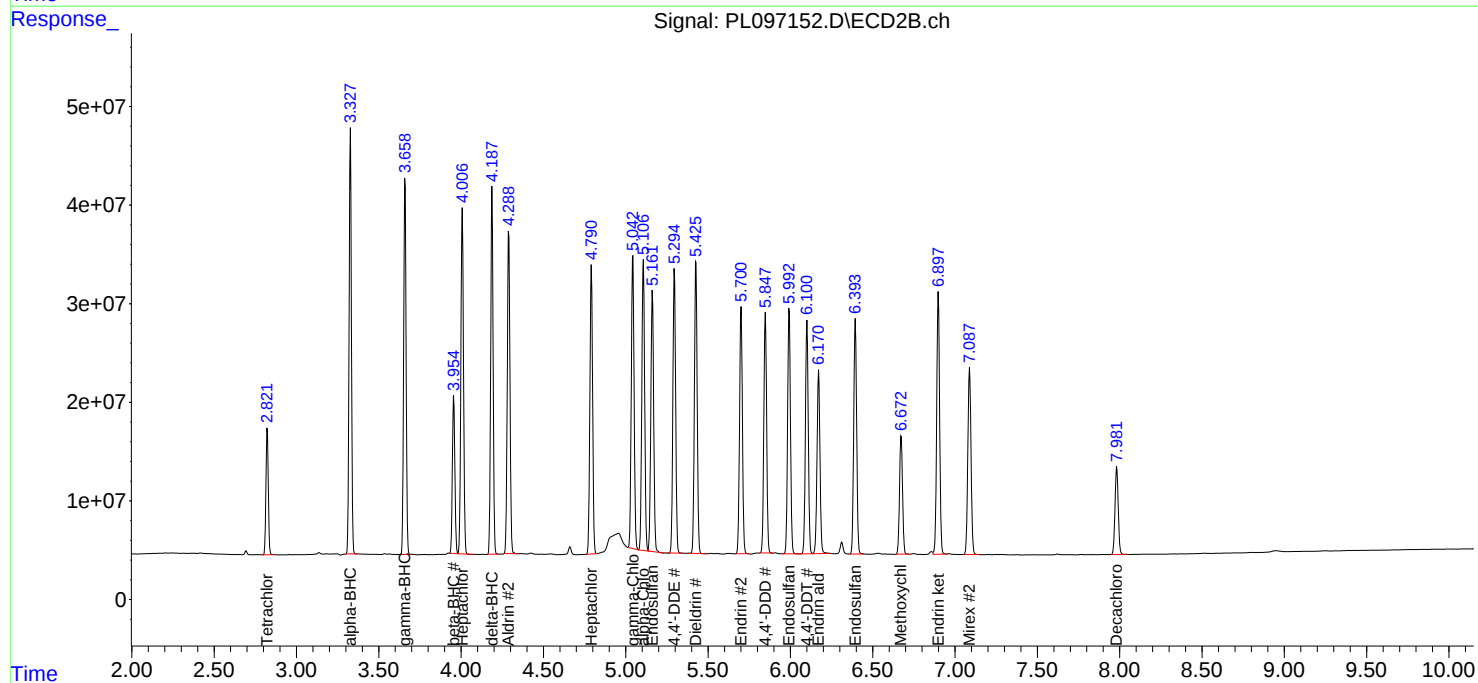
System Monitoring Compounds							
1)	SA Tetrachlo...	3.527	2.823	84763876	125.8E6	21.493	22.325
28)	SA Decachlor...	8.999	7.982	66640938	121.5E6	22.509	25.333
Target Compounds							
2)	A alpha-BHC	3.973	3.328	288.0E6	423.3E6	49.713	51.556
3)	MA gamma-BHC...	4.301	3.660	267.7E6	394.6E6	49.013	53.566
4)	MA Heptachlor	4.892	4.008	268.0E6	386.7E6	50.263	51.390
5)	MB Aldrin	5.232	4.290	257.7E6	371.1E6	49.044	52.766
6)	B beta-BHC	4.488	3.956	110.2E6	165.6E6	48.170	50.776
7)	B delta-BHC	4.734	4.188	245.2E6	382.1E6	54.496	52.001
8)	B Heptachlo...	5.651	4.792	238.8E6	338.6E6	46.414	53.528
9)	A Endosulfan I	6.033	5.162	210.7E6	317.5E6	49.032	52.998
10)	B gamma-Chl...	5.904	5.043	228.5E6	354.1E6	49.617m	53.557
11)	B alpha-Chl...	5.985	5.107	227.7E6	348.2E6	48.386	53.328
12)	B 4,4'-DDE	6.156	5.296	191.3E6	332.4E6	47.938	54.013
13)	MA Dieldrin	6.305	5.427	222.9E6	349.4E6	49.088	53.323
14)	MA Endrin	6.531	5.701	178.3E6	303.3E6	47.612	51.347
15)	B Endosulfa...	6.744	5.993	195.2E6	301.1E6	44.308	52.649
16)	A 4,4'-DDD	6.664	5.848	155.1E6	286.9E6	49.162	54.937
17)	MA 4,4'-DDT	6.978	6.101	160.3E6	283.0E6	45.780	51.664
18)	B Endrin al...	6.873	6.172	135.7E6	231.5E6	52.160	56.260
19)	B Endosulfa...	7.106	6.395	166.4E6	291.4E6	48.455	52.014
20)	A Methoxychlor	7.451	6.673	78197046	151.4E6	45.057	50.486
21)	B Endrin ke...	7.585	6.899	178.0E6	331.0E6	50.057	52.883
22)	Mirex	8.064	7.088	142.6E6	255.0E6	47.653	52.509

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

Instrument :
ECD_L
ClientSampleId :
PB169663BS

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025

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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MS	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097155.D	1	09/11/25 09:30	09/11/25 18:32	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.90		0.037	0.50	ug/L
76-44-8	Heptachlor	5.60		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.80		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.60		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	24.6		30 (57) - 150 (171)	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (61) - 150 (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\PL091325\
 Data File : PL097155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 18:32
 Operator : AR\AJ
 Sample : Q3032-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILE-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:21:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	77062045	116.8E6	19.540	20.719
28)	SA Decachlor...	8.999	7.982	63913891	118.2E6	21.588	24.644
Target Compounds							
2)	A alpha-BHC	3.974	3.328	322.1E6	468.0E6	55.584	56.993
3)	MA gamma-BHC...	4.302	3.660	294.2E6	434.6E6	53.857	58.995
4)	MA Heptachlor	4.892	4.007	294.7E6	419.3E6	55.273	55.729
5)	MB Aldrin	5.232	4.289	277.4E6	396.6E6	52.801	56.393
6)	B beta-BHC	4.489	3.956	119.4E6	176.3E6	52.208	54.039
7)	B delta-BHC	4.734	4.188	277.0E6	423.1E6	61.560	57.580
8)	B Heptachlo...	5.651	4.791	260.0E6	369.6E6	50.525	58.430
9)	A Endosulfan I	6.032	5.162	231.1E6	342.8E6	53.790	57.222
10)	B gamma-Chl...	5.903	5.043	250.3E6	388.0E6	54.351m	58.686
11)	B alpha-Chl...	5.985	5.107	248.2E6	381.0E6	52.747	58.351
12)	B 4,4'-DDE	6.155	5.296	209.1E6	365.4E6	52.406	59.366
13)	MA Dieldrin	6.304	5.427	244.2E6	388.6E6	53.776	59.305
14)	MA Endrin	6.531	5.701	202.0E6	339.9E6	53.933	57.542
15)	B Endosulfa...	6.744	5.993	212.8E6	333.7E6	48.301	58.360
16)	A 4,4'-DDD	6.664	5.848	168.1E6	311.1E6	53.270	59.576
17)	MA 4,4'-DDT	6.978	6.100	181.5E6	319.3E6	51.813	58.304
18)	B Endrin al...	6.873	6.171	152.2E6	262.8E6	58.515	64.543
19)	B Endosulfa...	7.106	6.394	183.6E6	320.4E6	53.464	57.186
20)	A Methoxychlor	7.450	6.673	86621678	169.3E6	49.912	56.445
21)	B Endrin ke...	7.585	6.898	194.1E6	358.5E6	54.606	57.271
22)	Mirex	8.064	7.088	153.4E6	277.5E6	51.275	57.137

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 18:32
Operator : AR\AJ
Sample : Q3032-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL-PILE-1MS

Manual Integrations

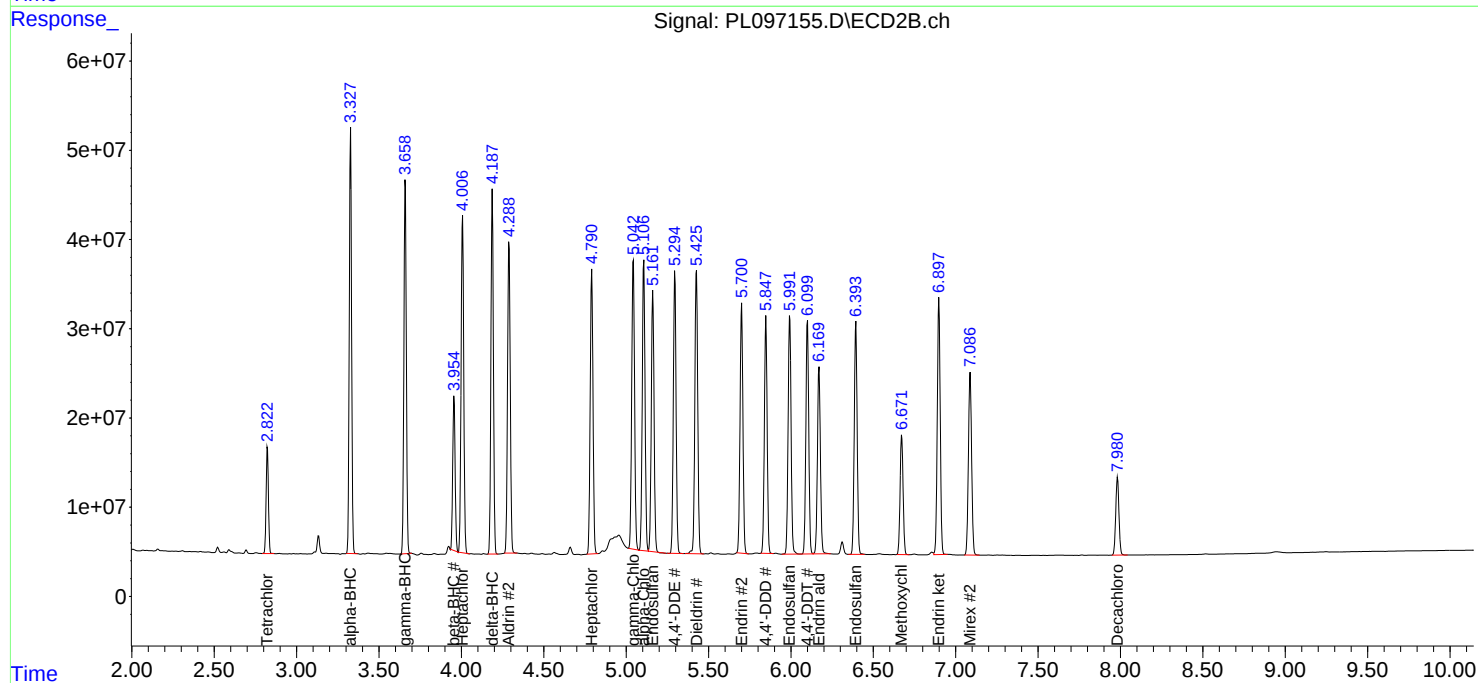
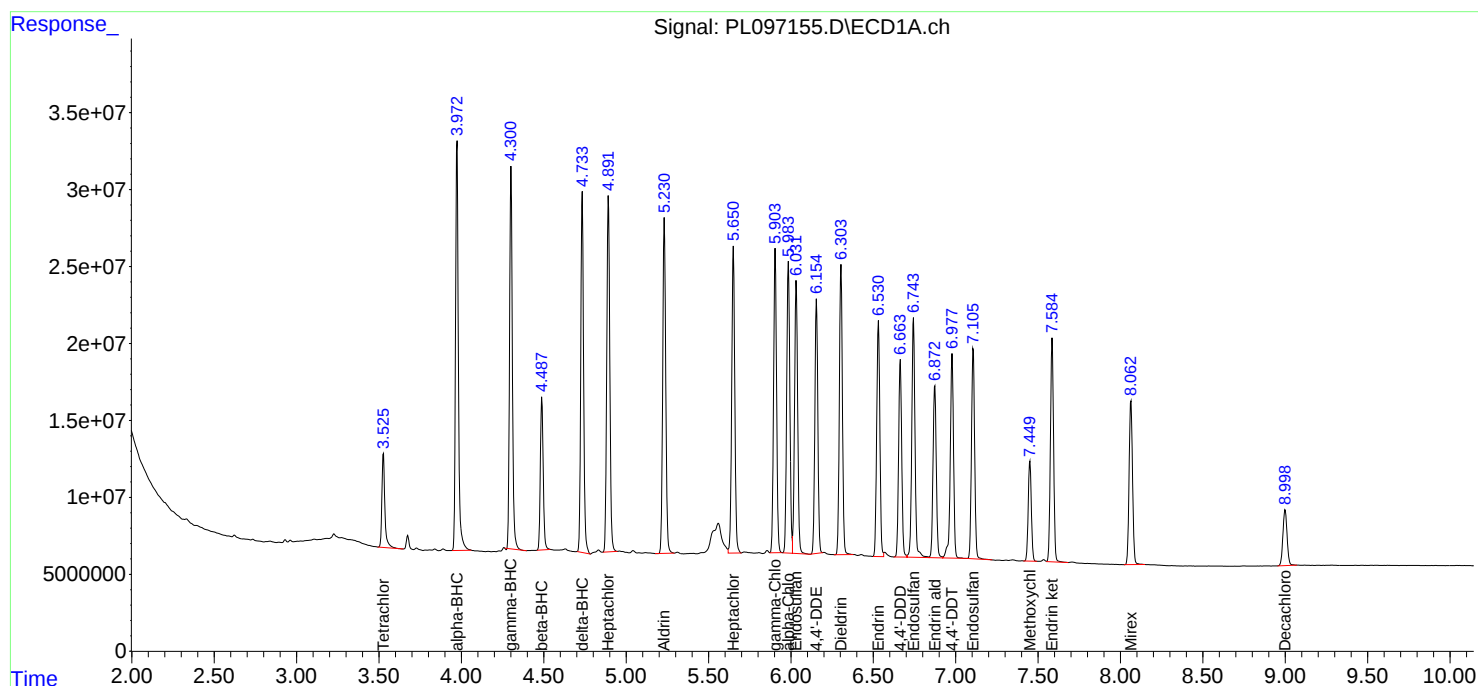
APPROVED

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:21:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MSD	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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097156.D	1	09/11/25 09:30	09/11/25 18:46	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.80		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.70		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.60		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	24.4		30 (57) - 150 (171)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		30 (61) - 150 (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\PL091325\
 Data File : PL097156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 18:46
 Operator : AR\AJ
 Sample : Q3032-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILE-1MSD

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:22:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.527	2.823	76977714	114.5E6	19.518	20.314
28)	SA Decachlor...	8.998	7.982	62982381	117.1E6	21.273	24.415
Target Compounds							
2)	A alpha-BHC	3.974	3.328	319.0E6	461.5E6	55.056	56.208
3)	MA gamma-BHC...	4.301	3.659	293.7E6	429.6E6	53.765	58.313
4)	MA Heptachlor	4.892	4.007	292.6E6	415.2E6	54.868	55.186
5)	MB Aldrin	5.231	4.289	275.2E6	392.6E6	52.388	55.821
6)	B beta-BHC	4.488	3.955	117.5E6	175.0E6	51.356	53.654
7)	B delta-BHC	4.734	4.188	273.8E6	419.5E6	60.855	57.086
8)	B Heptachlo...	5.651	4.791	257.7E6	366.5E6	50.087	57.950
9)	A Endosulfan I	6.032	5.161	229.3E6	344.3E6	53.361	57.459m
10)	B gamma-Chl...	5.903	5.043	249.3E6	384.7E6	54.129m	58.189
11)	B alpha-Chl...	5.985	5.107	246.3E6	377.7E6	52.342	57.841
12)	B 4,4'-DDE	6.155	5.296	211.7E6	362.6E6	53.065	58.917
13)	MA Dieldrin	6.304	5.427	243.1E6	386.2E6	53.539	58.937
14)	MA Endrin	6.531	5.701	200.9E6	337.3E6	53.653	57.099
15)	B Endosulfa...	6.744	5.993	208.1E6	332.7E6	47.251	58.181
16)	A 4,4'-DDD	6.664	5.848	166.8E6	309.1E6	52.854	59.185
17)	MA 4,4'-DDT	6.978	6.100	179.4E6	316.9E6	51.235	57.860
18)	B Endrin al...	6.873	6.171	151.2E6	261.9E6	58.106	64.288
19)	B Endosulfa...	7.106	6.394	181.3E6	318.9E6	52.796	56.916
20)	A Methoxychlor	7.451	6.672	85506505	167.5E6	49.269	55.837
21)	B Endrin ke...	7.586	6.898	192.3E6	355.1E6	54.093	56.730
22)	Mirex	8.064	7.087	152.6E6	275.7E6	50.998	56.770

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 18:46
 Operator : AR\AJ
 Sample : Q3032-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL-PILE-1MSD

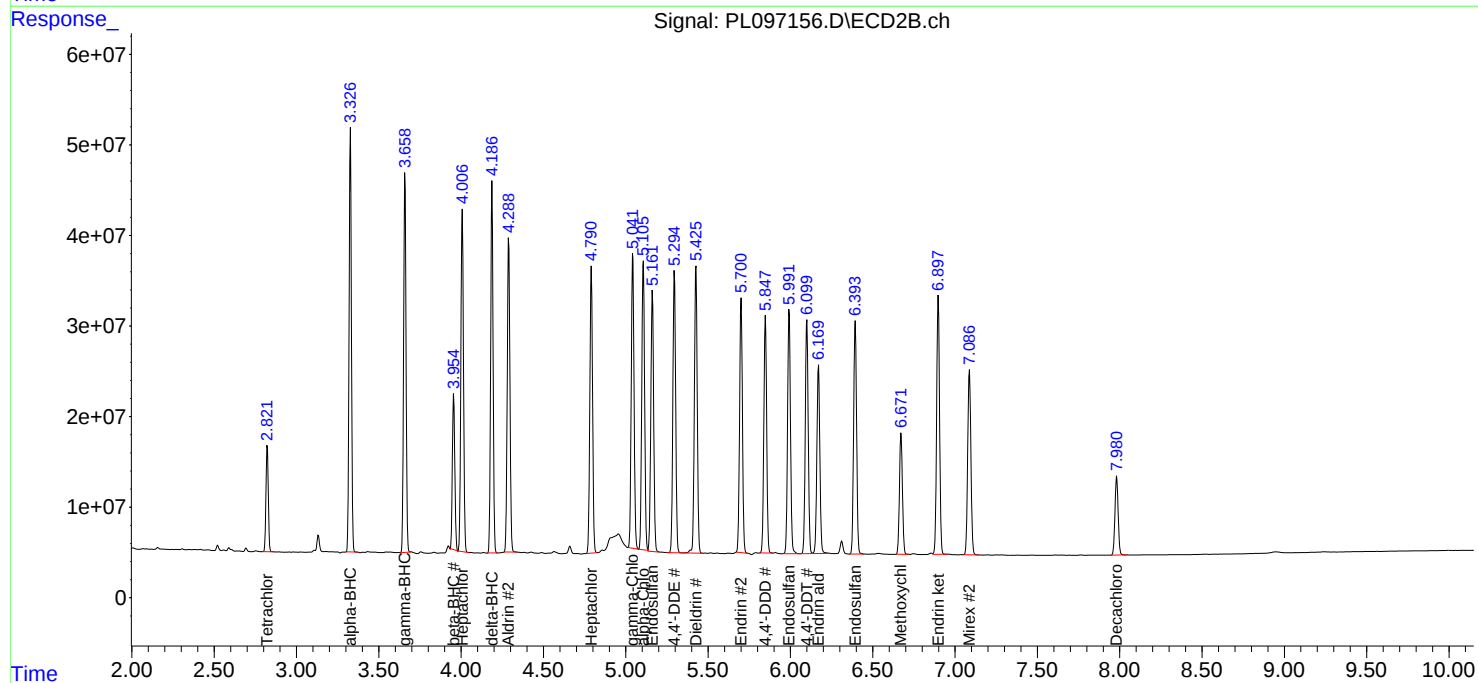
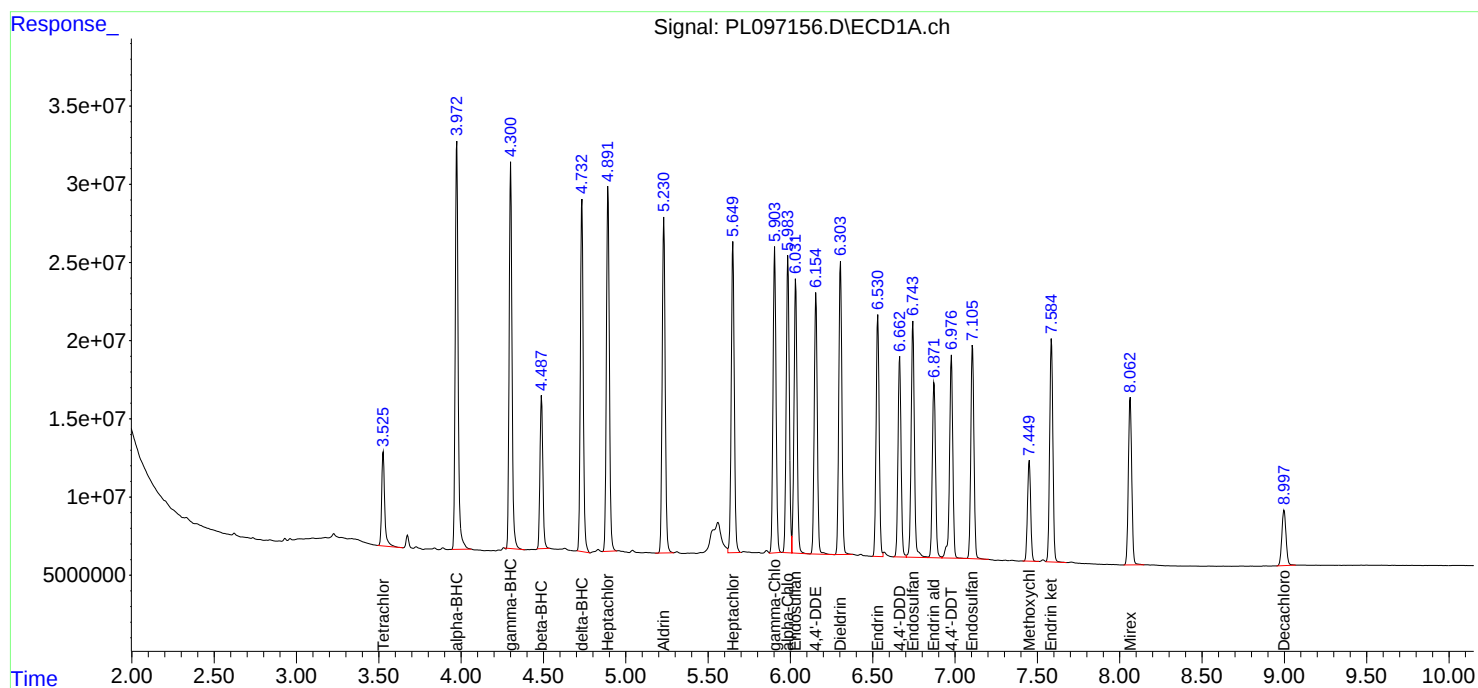
Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:22:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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:	PL082025	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096922.D	4,4"-DDD	Abdul	8/21/2025 12:01:49 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PEM	PL096922.D	4,4"-DDD #2	Abdul	8/21/2025 12:01:49 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PEM	PL096922.D	Endrin aldehyde	Abdul	8/21/2025 12:01:49 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PEM	PL096922.D	Endrin ketone	Abdul	8/21/2025 12:01:49 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PEM	PL096922.D	Endrin ketone #2	Abdul	8/21/2025 12:01:49 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PSTDICC005	PL096928.D	delta-BHC	Abdul	8/21/2025 12:01:54 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PSTDICV050	PL096939.D	gamma-Chlordane	Abdul	8/21/2025 12:02:04 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PTOXICV500	PL096941.D	Toxaphene-1	Abdul	8/21/2025 12:02:09 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software
PTOXICV500	PL096941.D	Toxaphene-2	Abdul	8/21/2025 12:02:09 PM	mohammad	8/22/2025 2:04:39	Peak Integrated by Software

Manual Integration Report

Sequence:	pl091325	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097150.D	4,4"-DDD	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Dieldrin #2	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Endosulfan II	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Endrin	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Endrin aldehyde	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	gamma-Chlordane	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Heptachlor epoxide	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097150.D	Methoxychlor	Abdul	9/12/2025 10:43:54 AM	 	 	Peak Integrated by Software
PB169663BS	PL097152.D	gamma-Chlordane	Abdul	9/12/2025 10:44:02 AM	 	 	Peak Integrated by Software
Q3032-02MS	PL097155.D	gamma-Chlordane	Abdul	9/12/2025 10:44:06 AM	 	 	Peak Integrated by Software
Q3032-02MSD	PL097156.D	Endosulfan I #2	Abdul	9/12/2025 10:44:10 AM	 	 	Peak Integrated by Software
Q3032-02MSD	PL097156.D	gamma-Chlordane	Abdul	9/12/2025 10:44:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	4,4"-DDD	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl091325	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097159.D	Dieldrin #2	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	Endosulfan II	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	Endrin	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	Endrin aldehyde	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	Endrin ketone #2	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	gamma-Chlordane	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097159.D	Heptachlor epoxide	Abdul	9/12/2025 10:44:13 AM	 	 	Peak Integrated by Software
I.BLK	PL097168.D	Decachlorobiphenyl	Abdul	9/12/2025 10:44:40 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	4,4"-DDD	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	4,4"-DDT	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	Dieldrin #2	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	Endosulfan II	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	Endrin aldehyde	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl091325	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097170.D	gamma-Chlordane	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097170.D	Heptachlor epoxide	Abdul	9/12/2025 10:44:43 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	4,4"-DDD	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	Dieldrin #2	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	Endosulfan II	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	Endrin aldehyde	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	gamma-Chlordane	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL097181.D	Heptachlor epoxide	Abdul	9/12/2025 10:45:10 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL082025

Review By	Abdul	Review On	8/22/2025 9:15:22 AM
Supervise By		Supervise On	
SubDirectory	PL082025	HP Acquire Method	HP Processing Method pl082025 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096920.D	20 Aug 2025 14:58	AR\AJ	Ok
2	I.BLK	PL096921.D	20 Aug 2025 15:12	AR\AJ	Ok
3	PEM	PL096922.D	20 Aug 2025 15:25	AR\AJ	Ok,M
4	RESCHK	PL096923.D	20 Aug 2025 15:39	AR\AJ	Ok
5	PSTDICC100	PL096924.D	20 Aug 2025 15:53	AR\AJ	Ok
6	PSTDICC075	PL096925.D	20 Aug 2025 16:06	AR\AJ	Ok
7	PSTDICC050	PL096926.D	20 Aug 2025 16:20	AR\AJ	Ok
8	PSTDICC025	PL096927.D	20 Aug 2025 16:33	AR\AJ	Ok
9	PSTDICC005	PL096928.D	20 Aug 2025 17:20	AR\AJ	Ok,M
10	PCHLORICC1000	PL096929.D	20 Aug 2025 17:33	AR\AJ	Ok
11	PCHLORICC750	PL096930.D	20 Aug 2025 17:47	AR\AJ	Ok
12	PCHLORICC500	PL096931.D	20 Aug 2025 18:01	AR\AJ	Ok
13	PCHLORICC250	PL096932.D	20 Aug 2025 18:14	AR\AJ	Ok
14	PCHLORICC050	PL096933.D	20 Aug 2025 18:28	AR\AJ	Ok
15	PTOXICC1000	PL096934.D	20 Aug 2025 18:42	AR\AJ	Ok
16	PTOXICC750	PL096935.D	20 Aug 2025 18:55	AR\AJ	Ok
17	PTOXICC500	PL096936.D	20 Aug 2025 19:09	AR\AJ	Ok
18	PTOXICC250	PL096937.D	20 Aug 2025 19:23	AR\AJ	Ok
19	PTOXICC100	PL096938.D	20 Aug 2025 19:36	AR\AJ	Ok,M
20	PSTDICV050	PL096939.D	20 Aug 2025 19:50	AR\AJ	Ok,M
21	PCHLORICV500	PL096940.D	20 Aug 2025 20:03	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL082025

Review By	Abdul	Review On	8/22/2025 9:15:22 AM
Supervise By		Supervise On	
SubDirectory	PL082025	HP Acquire Method	HP Processing Method pl082025 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL096941.D	20 Aug 2025 20:17	AR\AJ	Not Ok
23	PTOXICV500	PL096942.D	21 Aug 2025 13:18	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL091325

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	PL091325	HP Acquire Method	HP Processing Method pl082025 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097147.D	11 Sep 2025 16:14	AR\AJ	Ok
2	I.BLK	PL097148.D	11 Sep 2025 16:28	AR\AJ	Ok
3	PEM	PL097149.D	11 Sep 2025 17:11	AR\AJ	Ok
4	PSTDCCC050	PL097150.D	11 Sep 2025 17:24	AR\AJ	Ok,NS
5	PB169663BL	PL097151.D	11 Sep 2025 17:38	AR\AJ	Ok
6	PB169663BS	PL097152.D	11 Sep 2025 17:52	AR\AJ	Ok,NS
7	PB169589TB	PL097153.D	11 Sep 2025 18:05	AR\AJ	Ok
8	Q3032-02	PL097154.D	11 Sep 2025 18:19	AR\AJ	Ok
9	Q3032-02MS	PL097155.D	11 Sep 2025 18:32	AR\AJ	Ok,NS
10	Q3032-02MSD	PL097156.D	11 Sep 2025 18:46	AR\AJ	Ok,NS
11	Q3032-05	PL097157.D	11 Sep 2025 19:00	AR\AJ	Ok
12	I.BLK	PL097158.D	11 Sep 2025 19:13	AR\AJ	Ok
13	PSTDCCC050	PL097159.D	11 Sep 2025 19:27	AR\AJ	Ok,NS
14	PB169648BL	PL097160.D	11 Sep 2025 19:54	AR\AJ	Ok
15	PB169648BS	PL097161.D	11 Sep 2025 20:08	AR\AJ	Ok,NS
16	Q3065-01	PL097162.D	11 Sep 2025 20:21	AR\AJ	Dilution
17	Q3065-01MS	PL097163.D	11 Sep 2025 20:35	AR\AJ	Not Ok
18	Q3065-01MSD	PL097164.D	11 Sep 2025 20:48	AR\AJ	Not Ok
19	Q3066-01	PL097165.D	11 Sep 2025 21:02	AR\AJ	Ok,NS
20	Q3066-03	PL097166.D	11 Sep 2025 21:16	AR\AJ	Ok,NS
21	Q3072-01	PL097167.D	11 Sep 2025 21:29	AR\AJ	Ok,NS

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL091325

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	PL091325	HP Acquire Method	HP Processing Method pl082025 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PL097168.D	11 Sep 2025 21:43	AR\AJ	Ok,NS
23	PEM	PL097169.D	11 Sep 2025 21:56	AR\AJ	Ok
24	PSTDCCC050	PL097170.D	11 Sep 2025 22:10	AR\AJ	Ok,NS
25	Q3073-02	PL097171.D	11 Sep 2025 22:37	AR\AJ	Ok,NS
26	Q3074-01	PL097172.D	11 Sep 2025 23:04	AR\AJ	Ok
27	Q3075-02	PL097173.D	11 Sep 2025 23:18	AR\AJ	Ok,NS
28	Q3075-04	PL097174.D	11 Sep 2025 23:32	AR\AJ	ReRun
29	Q3075-06	PL097175.D	11 Sep 2025 23:45	AR\AJ	Ok
30	Q3075-08	PL097176.D	11 Sep 2025 23:59	AR\AJ	Not Ok
31	Q3075-11	PL097177.D	12 Sep 2025 00:12	AR\AJ	Ok
32	Q3077-01	PL097178.D	12 Sep 2025 00:26	AR\AJ	Ok,NS
33	Q3077-03	PL097179.D	12 Sep 2025 00:40	AR\AJ	Ok,NS
34	I.BLK	PL097180.D	12 Sep 2025 00:53	AR\AJ	Ok
35	PSTDCCC050	PL097181.D	12 Sep 2025 02:01	AR\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL082025

Review By	Abdul	Review On	8/22/2025 9:15:22 AM
Supervise By		Supervise On	
SubDirectory	PL082025	HP Acquire Method	HP Processing Method pl082025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096920.D	20 Aug 2025 14:58		AR\AJ	Ok
2	I.BLK	I.BLK	PL096921.D	20 Aug 2025 15:12		AR\AJ	Ok
3	PEM	PEM	PL096922.D	20 Aug 2025 15:25		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL096923.D	20 Aug 2025 15:39		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL096924.D	20 Aug 2025 15:53		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL096925.D	20 Aug 2025 16:06		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL096926.D	20 Aug 2025 16:20	Comp#18 kept on L.R. for 2nd column	AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL096927.D	20 Aug 2025 16:33		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL096928.D	20 Aug 2025 17:20		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL096929.D	20 Aug 2025 17:33		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL096930.D	20 Aug 2025 17:47		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL096931.D	20 Aug 2025 18:01		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL096932.D	20 Aug 2025 18:14		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL096933.D	20 Aug 2025 18:28		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL096934.D	20 Aug 2025 18:42		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL096935.D	20 Aug 2025 18:55		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL096936.D	20 Aug 2025 19:09		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL082025

Review By	Abdul	Review On	8/22/2025 9:15:22 AM
Supervise By		Supervise On	
SubDirectory	PL082025	HP Acquire Method	HP Processing Method pl082025 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24890,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	PTOXICC250	PTOXICC250	PL096937.D	20 Aug 2025 19:23		AR\AJ	Ok
19	PTOXICC100	PTOXICC100	PL096938.D	20 Aug 2025 19:36		AR\AJ	Ok,M
20	PSTDICV050	ICVPL082025	PL096939.D	20 Aug 2025 19:50		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL082025CHLOR	PL096940.D	20 Aug 2025 20:03		AR\AJ	Ok
22	PTOXICV500	ICVPL082025TOX	PL096941.D	20 Aug 2025 20:17	ICV Fail on higher side	AR\AJ	Not Ok
23	PTOXICV500	ICVPL082025	PL096942.D	21 Aug 2025 13:18		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL091325

Review By	Review On
Supervise By	Supervise On
SubDirectory	PL091325
HP Acquire Method	HP Processing Method
	p1082025 8081
STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097147.D	11 Sep 2025 16:14		AR\AJ	Ok
2	I.BLK	I.BLK	PL097148.D	11 Sep 2025 16:28		AR\AJ	Ok
3	PEM	PEM	PL097149.D	11 Sep 2025 17:11		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PL097150.D	11 Sep 2025 17:24		AR\AJ	Ok,NS
5	PB169663BL	PB169663BL	PL097151.D	11 Sep 2025 17:38		AR\AJ	Ok
6	PB169663BS	PB169663BS	PL097152.D	11 Sep 2025 17:52		AR\AJ	Ok,NS
7	PB169589TB	PB169589TB	PL097153.D	11 Sep 2025 18:05		AR\AJ	Ok
8	Q3032-02	SOIL-PILE-1	PL097154.D	11 Sep 2025 18:19		AR\AJ	Ok
9	Q3032-02MS	SOIL-PILE-1MS	PL097155.D	11 Sep 2025 18:32		AR\AJ	Ok,NS
10	Q3032-02MSD	SOIL-PILE-1MSD	PL097156.D	11 Sep 2025 18:46		AR\AJ	Ok,NS
11	Q3032-05	SOIL-PILE-2	PL097157.D	11 Sep 2025 19:00		AR\AJ	Ok
12	I.BLK	I.BLK	PL097158.D	11 Sep 2025 19:13		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PL097159.D	11 Sep 2025 19:27		AR\AJ	Ok,NS
14	PB169648BL	PB169648BL	PL097160.D	11 Sep 2025 19:54		AR\AJ	Ok
15	PB169648BS	PB169648BS	PL097161.D	11 Sep 2025 20:08		AR\AJ	Ok,NS
16	Q3065-01	VNJ-204	PL097162.D	11 Sep 2025 20:21	need dilution	AR\AJ	Dilution
17	Q3065-01MS	VNJ-204MS	PL097163.D	11 Sep 2025 20:35	some compound recovery fail , F flag in comp#12,16 in 1st column	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL091325

Review By	Review On
Supervise By	Supervise On
SubDirectory	PL091325
HP Acquire Method	HP Processing Method
	pl082025 8081
STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3065-01MSD	VNJ-204MSD	PL097164.D	11 Sep 2025 20:48	some compound recovery fail , F flag in comp#5,12,16 in 1st column	AR\AJ	Not Ok
19	Q3066-01	354	PL097165.D	11 Sep 2025 21:02		AR\AJ	Ok,NS
20	Q3066-03	VNJ-242	PL097166.D	11 Sep 2025 21:16		AR\AJ	Ok,NS
21	Q3072-01	30-GARFIELD-PL-COM	PL097167.D	11 Sep 2025 21:29		AR\AJ	Ok,NS
22	I.BLK	I.BLK	PL097168.D	11 Sep 2025 21:43		AR\AJ	Ok,NS
23	PEM	PEM	PL097169.D	11 Sep 2025 21:56		AR\AJ	Ok
24	PSTDCCC050	PSTDCCC050	PL097170.D	11 Sep 2025 22:10		AR\AJ	Ok,NS
25	Q3073-02	BEL-25-0023	PL097171.D	11 Sep 2025 22:37		AR\AJ	Ok,NS
26	Q3074-01	MOO-25-0141	PL097172.D	11 Sep 2025 23:04		AR\AJ	Ok
27	Q3075-02	MOO-25-0254-0256	PL097173.D	11 Sep 2025 23:18		AR\AJ	Ok,NS
28	Q3075-04	MOO-25-0258	PL097174.D	11 Sep 2025 23:32	TCMX low both column	AR\AJ	ReRun
29	Q3075-06	MOO-25-0259	PL097175.D	11 Sep 2025 23:45		AR\AJ	Ok
30	Q3075-08	MOO-25-0260	PL097176.D	11 Sep 2025 23:59	F Flag in DCB in 2nd column	AR\AJ	Not Ok
31	Q3075-11	MOO-25-02561-0263	PL097177.D	12 Sep 2025 00:12		AR\AJ	Ok
32	Q3077-01	LAW-25-0137	PL097178.D	12 Sep 2025 00:26		AR\AJ	Ok,NS
33	Q3077-03	LAW-25-0139	PL097179.D	12 Sep 2025 00:40	TCMX low in 2nd column	AR\AJ	Ok,NS
34	I.BLK	I.BLK	PL097180.D	12 Sep 2025 00:53		AR\AJ	Ok
35	PSTDCCC050	PSTDCCC050	PL097181.D	12 Sep 2025 02:01		AR\AJ	Ok,NS

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 : 40819719

Start Prep Date : 09/08/2025 Time : 16:00
End Prep Date : 09/09/2025 Time : 09:30
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature : 23 °C
Final Room Temperature : 22 °C
TCLP Technician Signature : *RB*
Supervisor By : 12

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	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
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	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q3045-05 is oil sample so no fluid determination and % is <0.5 so consider as water sample. q3051-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/09/25 10:40	<i>40</i> <i>100 Room</i>	<i>SPG.</i> <i>RJ/EXT</i>
	Preparation Group	Analysis Group <i>met pig</i>

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169589TB	LEB589	N/A	N/A	N/A	N/A	N/A	N/A
Q2982-10	MOO-25-0236	N/A	N/A	N/A	N/A	100	N/A
Q3030-01	BLEECKER-082825HU01-TCLP	N/A	N/A	N/A	N/A	100	N/A
Q3032-02	SOIL-PILE-1	N/A	N/A	N/A	N/A	100	N/A
Q3032-05	SOIL-PILE-2	N/A	N/A	N/A	N/A	100	N/A
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	<0.5	N/A
Q3046-02	IRV-CONCRETE	N/A	N/A	N/A	N/A	100	N/A
Q3050-01	72-11939	N/A	N/A	N/A	N/A	100	N/A
Q3051-02	VNJ-223	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
PB169589TB	LEB589	N/A	N/A	N/A	N/A	#1	4.93
Q2982-10	MOO-25-0236	5.02	96.5	11.5	4.5	#1	4.93
Q3030-01	BLEECKER-082825HU01-TCLP	5.00	96.5	6.0	2.5	#1	4.93
Q3032-02	SOIL-PILE-1	5.01	96.5	9.0	3.5	#1	4.93
Q3032-05	SOIL-PILE-2	5.02	96.5	8.6	3.5	#1	4.93
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	N/A	N/A
Q3046-02	IRV-CONCRETE	5.02	96.5	11.5	4.5	#1	4.93
Q3050-01	72-11939	5.02	96.5	8.2	3.5	#1	4.93
Q3051-02	VNJ-223	5.02	96.5	5.6	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q3045

WorkList ID : 191742

Department : TCLP Extraction

Date : 09-08-2025 15:12:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2982-10	MOO-25-0236	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/28/2025	1311
Q3030-01	BLEECKER-082825HU01-TCLF	Solid	TCLP Extraction	Cool 4 deg C	CLOU03	D31	08/28/2025	1311
Q3032-02	SOIL-PILE-1	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3032-05	SOIL-PILE-2	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3045-05	DNAPL-OIL	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3046-02	IRV-CONCRETE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3050-01	72-11939	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3051-02	VNJ-223	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311

Date/Time 09/08/25 13:00 15:25
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC

Date/Time 09/08/25 18:00
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC

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#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 09/11/2025

Extraction Start Time: 09:30

Extraction End Date: 09/11/2025

Extraction End Time: 14:20

Concentration By: EH

Supervisor By: ritesh

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	PP24766
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	E3964
Baked Na2SO4	N/A	EP2636
Hexane	N/A	E3968
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 # 03-40BTS721.

KD Bath ID: WATER BATH-1,2

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

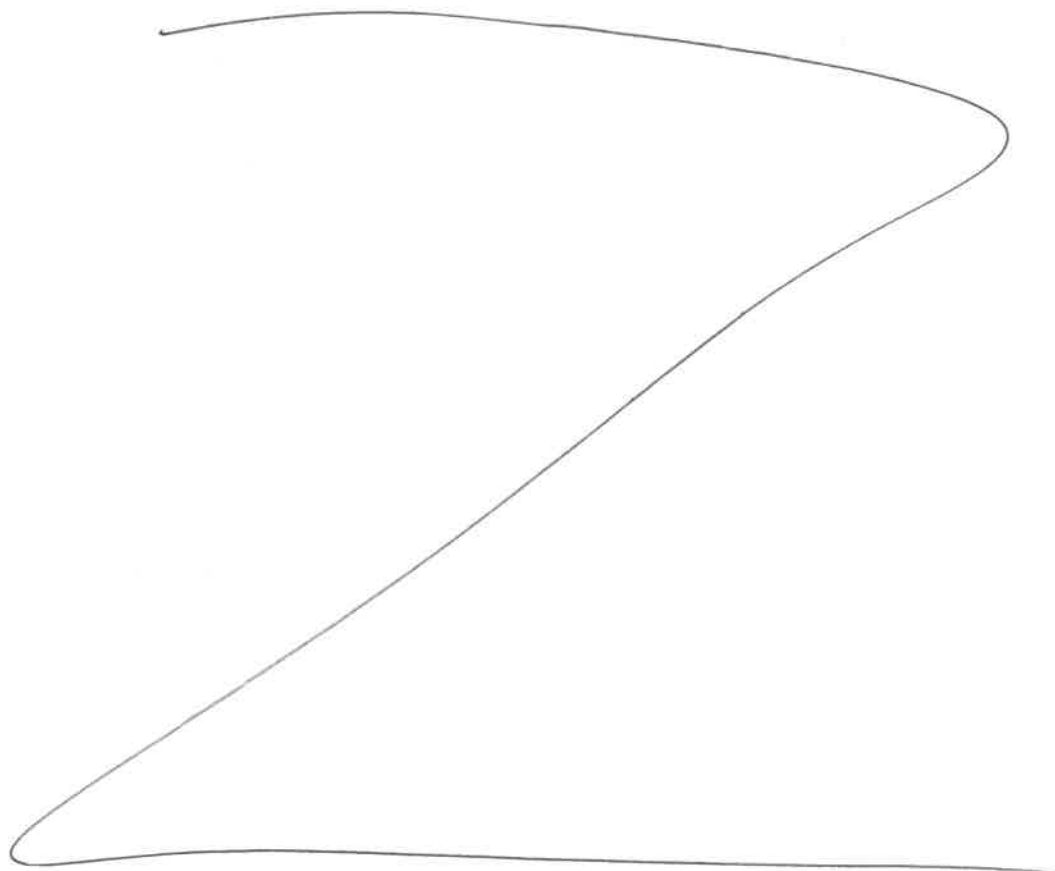
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/11/25	RJ LEXA-1061	J.P. Post 1823.
14:25	Preparation Group	Analysis Group

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

Concentration Date: 09/11/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169589TB	PB169589TB	TCLP Pesticide	100	6	ritesh	Evelyn	10			SEP-8
PB169663BL	PBLK663	TCLP Pesticide	1000	6	ritesh	Evelyn	10			9
PB169663BS	PLCS663	TCLP Pesticide	1000	6	ritesh	Evelyn	10			10
Q3032-02	SOIL-PILE-1	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		11
Q3032-02MS	SOIL-PILE-1MS	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		12
Q3032-02MS D	SOIL-PILE-1MSD	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		13
Q3032-05	SOIL-PILE-2	TCLP Pesticide	100	6	ritesh	Evelyn	10	A		14


R5
9/11

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
PB169589TB	LEB589	N/A	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-1
Q2982-10	MOO-25-0236	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3030-01	BLEECKER-082825HU01-TCLP	02	100.01	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3032-02	SOIL-PILE-1	03	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q3032-05	SOIL-PILE-2	04	100.03	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	N/A	N/A	5.8	1.5	N/A
Q3046-02	IRV-CONCRETE	05	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3050-01	72-11939	06	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
Q3051-02	VNJ-223	07	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1

09/09/25
10:40



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): _____ DAYS*

EDD: _____ 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. Metals TCL-TCL
2. SVOC-TCL BNA-20
3. PCB
4. TELP BNA
5. TELP Mercury
6. TELP VOA
7. VOA-TCL VOA-10
8.
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Soil pile #1	SOL	X		9.5.25	11:14	5	X	X	X	X	X					
2.	I			X		11:16	5						X	X			
3.	Soil pile #2		X			11:36	5	X	X	X	X	X					
4.	I			X		11:40	5						X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME: 12:06	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: 4.2°C
1. [Signature]	9.5.2025	1. [Signature]	Comments: Equal volume of soil used, 5:1 composite	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	* Soil pile #1 - 24x16x7 = measurement *	
2. [Signature]		2. [Signature]	* Soil pile #2 - 24x22x7 = measurement *	
RELINQUISHED BY SAMPLER:	DATE/TIME: 12:36	RECEIVED BY:	Page 1 of 1	CLIENT: ☐ Hand Delivered ☐ Other
3. [Signature]	9.5.2025	3. [Signature]		Shipment Complete ☐ YES ☐ NO

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3 COOL AVE,
MORRISTOWN, N.J.

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address: 3 COOL AVE
MORRISTOWN, NJ.

Chemtech Order ID:

Sampler Name: Lawrence Carter

Client Project Coordinator & Phone:

Page #: 1 of 1

Date: 9.5.2025

Arrive Time: 10:38

Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range): °C PID Readings (range):

Dimensions/CY:

soil pile #1 / soil pile #2
100cy / 136cy

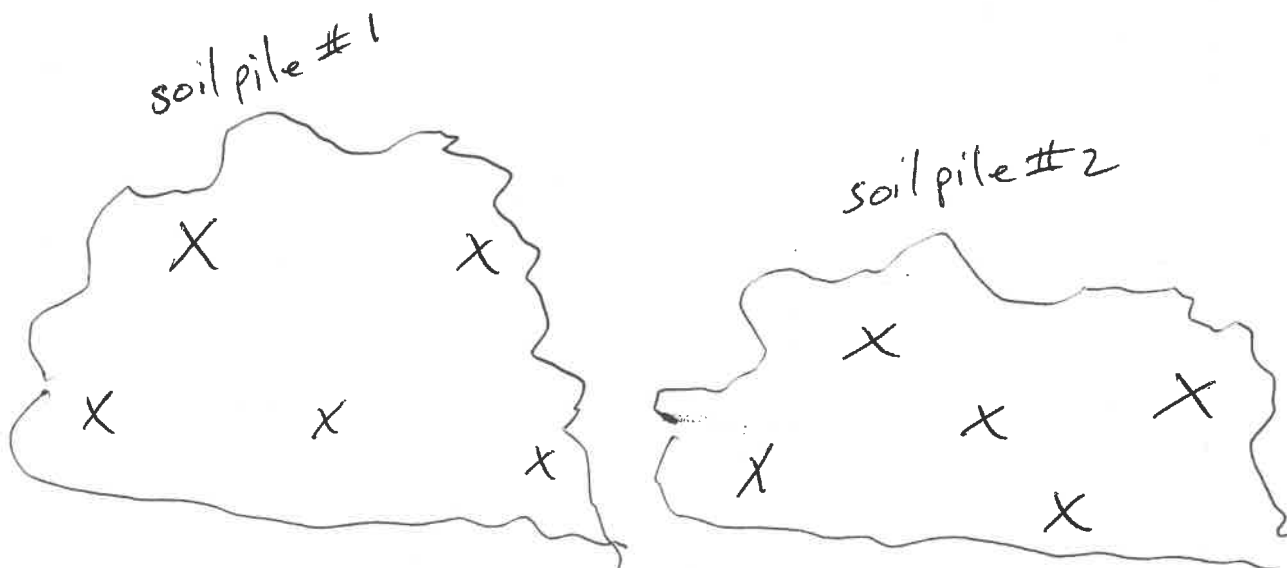
PPM Odor: Y N Color: Y N

Sample Description: Brown wet soil, rocks, GRASS.

Field Observations: SAMPLED, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: L. Carter 9.5.2025

Client Signature:

Supervisor Review/Date:

Date/Time Arrived at Lab:

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3032	ZUCC01	Order Date : 9/5/2025 12:41:17 PM	Project Mgr : Yazmeen
Client Name : Zuccaro Inc.		Project Name : 3 Coal Ave., Morristown, N	Report Type : Results+QC
Client Contact : Sal Zuccaro		Receive DateTime : 9/5/2025 12:36:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Zuccaro Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Sal Zuccaro			Date Signoff : 9/5/2025 2:08:49 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3032-02	SOIL-PILE-1	Solid	09/05/2025	11:14					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-03	SOIL-PILE-1	Solid	09/05/2025	11:16					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025
Q3032-05	SOIL-PILE-2	Solid	09/05/2025	11:36					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-06	SOIL-PILE-2	Solid	09/05/2025	11:40					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room