

Cover Page

Order ID : Q2892

Project ID : BAPS 2000 Tonnelle Ave

Client : BAPS North Bergen Development Inc.

Lab Sample Number

Q2892-01
Q2892-02
Q2892-03
Q2892-04
Q2892-05
Q2892-06
Q2892-07
Q2892-08
Q2892-09
Q2892-10
Q2892-11
Q2892-12

Client Sample Number

1-FLOOR-NORTH-EAST-CORNER-B
1-FLOOR-NORTH-EAST-CORNER-B
1-FLOOR-DRILL-B-BACK
1-FLOOR-DRILL-B-BACK
BACK-1-FLOOR-CENTER-MIDDLE-C
BACK-1-FLOOR-CENTER-MIDDLE-C
3-FLOOR-NORTH-D
3-FLOOR-NORTH-D
3-FLOOR-SOUTH-E
3-FLOOR-SOUTH-E
FRONT-1-FLOOR-F
FRONT-1-FLOOR-F

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: 8/23/2025

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 #: Q2892

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: 08/23/2025

LAB CHRONICLE

OrderID:	Q2892	OrderDate:	8/15/2025 3:18:33 PM
Client:	BAPS North Bergen Development Inc.	Project:	BAPS 2000 Tonnelle Ave
Contact:	Jatinkuma Patel	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2892-02	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	
Q2892-04	1-FLOOR-DRILL-B-BACK	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	
Q2892-06	BACK-1-FLOOR-CENTRAL-MIDDLE-C	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	
Q2892-08	3-FLOOR-NORTH-D	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	
Q2892-10	3-FLOOR-SOUTH-E	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	
Q2892-12	FRONT-1-FLOOR-F	SOIL			08/15/25			08/15/25
			PCB	8082A		08/19/25	08/19/25	
			Pesticide-TCL	8081B		08/19/25	08/19/25	

Hit Summary Sheet
SW-846

SDG No.: Q2892

Order ID: Q2892

Client: BAPS North Bergen Development Inc.

Project ID: BAPS 2000 Tonnelle Ave

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 1-FLOOR-NORTH-EAST-CORN								
Q2892-02	1-FLOOR-NORTH-E/	SOIL	Dieldrin	0.78	JP	0.15	1.90	ug/kg
Q2892-02	1-FLOOR-NORTH-E/	SOIL	4,4-DDE	1.30	J	0.15	1.90	ug/kg
Q2892-02	1-FLOOR-NORTH-E/	SOIL	Endrin	0.46	JP	0.15	1.90	ug/kg
Q2892-02	1-FLOOR-NORTH-E/	SOIL	Endosulfan II	0.55	J	0.32	1.90	ug/kg
Q2892-02	1-FLOOR-NORTH-E/	SOIL	4,4-DDT	1.50	J	0.15	1.90	ug/kg
Q2892-02	1-FLOOR-NORTH-E/	SOIL	alpha-Chlordane	0.56	JP	0.13	1.90	ug/kg
Total Concentration:				5.150				
Client ID : 1-FLOOR-DRILL-B-BACK								
Q2892-04	1-FLOOR-DRILL-B-I	SOIL	Dieldrin	0.62	JP	0.16	1.90	ug/kg
Q2892-04	1-FLOOR-DRILL-B-I	SOIL	4,4-DDE	0.88	J	0.16	1.90	ug/kg
Q2892-04	1-FLOOR-DRILL-B-I	SOIL	Endosulfan Sulfate	1.30	J	0.14	1.90	ug/kg
Q2892-04	1-FLOOR-DRILL-B-I	SOIL	4,4-DDT	1.50	J	0.16	1.90	ug/kg
Total Concentration:				4.300				



QC SUMMARY

Surrogate Summary

SDG No.: **Q2892**

Client: **BAPS North Bergen Development Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096593.D	PIBLK-PL096593.D	Decachlorobiphen	1	20	19.2	96		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.6	93		30 (61)	150 (148)
		Decachlorobiphen	2	20	19.1	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	18.3	92		30 (61)	150 (148)
I.BLK-PL096894.D	PIBLK-PL096894.D	Decachlorobiphen	1	20	24.7	124		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	22.8	114		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.1	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.3	117		30 (61)	150 (148)
PB169298BL	PB169298BL	Decachlorobiphen	1	20	20.5	102		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.5	93		30 (19)	150 (148)
		Decachlorobiphen	2	20	18.9	95		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	18.7	93		30 (19)	150 (148)
PB169298BS	PB169298BS	Decachlorobiphen	1	20	21.0	105		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.8	94		30 (19)	150 (148)
		Decachlorobiphen	2	20	19.3	96		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	18.9	94		30 (19)	150 (148)
I.BLK-PL096903.D	PIBLK-PL096903.D	Decachlorobiphen	1	20	24.7	124		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	22.6	113		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.0	115		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (61)	150 (148)
Q2892-02	1-FLOOR-NORTH-EAST-CORN	Decachlorobiphen	1	20	18.3	91		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.2	96		30 (19)	150 (148)
		Decachlorobiphen	2	20	18.4	92		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	19.3	96		30 (19)	150 (148)
Q2892-04	1-FLOOR-DRILL-B-BACK	Decachlorobiphen	1	20	17.9	89		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	20.0	100		30 (19)	150 (148)
		Decachlorobiphen	2	20	18.6	93		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	20.1	100		30 (19)	150 (148)
Q2892-06	BACK-1-FLOOR-CENTER-MID	Decachlorobiphen	1	20	17.8	89		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.5	93		30 (19)	150 (148)
		Decachlorobiphen	2	20	16.3	81		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	18.7	94		30 (19)	150 (148)
Q2892-08	3-FLOOR-NORTH-D	Decachlorobiphen	1	20	19.2	96		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.5	97		30 (19)	150 (148)
		Decachlorobiphen	2	20	17.9	89		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	19.5	98		30 (19)	150 (148)
Q2892-08MS	3-FLOOR-NORTH-DMS	Decachlorobiphen	1	20	16.4	82		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	17.5	88		30 (19)	150 (148)
		Decachlorobiphen	2	20	16.0	80		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	16.9	85		30 (19)	150 (148)
Q2892-08MSD	3-FLOOR-NORTH-DMSD	Decachlorobiphen	1	20	16.8	84		30 (20)	150 (144)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q2892

Client: BAPS North Bergen Development Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2892-08MSD	3-FLOOR-NORTH-DMSD	Tetrachloro-m-xyl	1	20	17.6	88		30 (19)	150 (148)
		Decachlorobiphen	2	20	16.1	80		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	17.2	86		30 (19)	150 (148)
Q2892-10	3-FLOOR-SOUTH-E	Decachlorobiphen	1	20	20.2	101		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (19)	150 (148)
		Decachlorobiphen	2	20	19.2	96		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	19.9	99		30 (19)	150 (148)
Q2892-12	FRONT-1-FLOOR-F	Decachlorobiphen	1	20	13.9	70		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.0	90		30 (19)	150 (148)
		Decachlorobiphen	2	20	13.7	68		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	18.1	90		30 (19)	150 (148)
I.BLK-PL096915.D	PIBLK-PL096915.D	Decachlorobiphen	1	20	24.0	120		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	22.5	113		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.4	82		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2892</u>	Analytical Method:	<u>8081B</u>
Client:	<u>BAPS North Bergen Development Inc.</u>	DataFile :	<u>PL096910.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result								High		
Lab Sample ID:	Q2892-08MS (Column 1)	Client Sample ID:		3-FLOOR-NORTH-DMS									
	alpha-BHC	17.66	0	18.8	ug/kg	106				30 (60)	150 (144)		
	beta-BHC	17.66	0	19.7	ug/kg	112				30 (54)	150 (143)		
	delta-BHC	17.66	0	15.9	ug/kg	90				30 (29)	150 (151)		
	gamma-BHC (Lindane)	17.66	0	18.8	ug/kg	106				30 (61)	150 (140)		
	Heptachlor	17.66	0	19.9	ug/kg	113				30 (63)	150 (135)		
	Aldrin	17.66	0	18.8	ug/kg	106				30 (49)	150 (139)		
	Heptachlor epoxide	17.66	0	19.7	ug/kg	112				30 (41)	150 (156)		
	Endosulfan I	17.66	0	18.7	ug/kg	106				30 (56)	150 (142)		
	Dieldrin	17.66	0	18.3	ug/kg	104				30 (47)	150 (161)		
	4,4'-DDE	17.66	0	19.3	ug/kg	109				30 (55)	150 (136)		
	Endrin	17.66	0	19.1	ug/kg	108				30 (57)	150 (139)		
	Endosulfan II	17.66	0	18.7	ug/kg	106				30 (40)	150 (163)		
	4,4'-DDD	17.66	0	19.7	ug/kg	112				30 (47)	150 (163)		
	Endosulfan sulfate	17.66	0	16.1	ug/kg	91				30 (62)	150 (139)		
	4,4'-DDT	17.66	0	17.9	ug/kg	101				30 (51)	150 (146)		
	Methoxychlor	17.66	0	16.9	ug/kg	96				30 (54)	150 (136)		
	Endrin ketone	17.66	0	17.3	ug/kg	98				30 (60)	150 (129)		
	Endrin aldehyde	17.66	0	16.1	ug/kg	91				30 (59)	150 (132)		
	alpha-Chlordane	17.66	0	18.7	ug/kg	106				30 (39)	150 (166)		
	gamma-Chlordane	17.66	0	19.6	ug/kg	111				30 (44)	150 (175)		
Lab Sample ID:	Q2892-08MS (Column 2)	Client Sample ID:		3-FLOOR-NORTH-DMS									
	alpha-BHC	17.66	0	18.2	ug/kg	103				30 (60)	150 (144)		
	beta-BHC	17.66	0	18.2	ug/kg	103				30 (54)	150 (143)		
	delta-BHC	17.66	0	14.8	ug/kg	84				30 (29)	150 (151)		
	gamma-BHC (Lindane)	17.66	0	18.1	ug/kg	102				30 (61)	150 (140)		
	Heptachlor	17.66	0	17.8	ug/kg	101				30 (63)	150 (135)		
	Aldrin	17.66	0	18.3	ug/kg	104				30 (49)	150 (139)		
	Heptachlor epoxide	17.66	0	18.2	ug/kg	103				30 (41)	150 (156)		
	Endosulfan I	17.66	0	17.6	ug/kg	100				30 (56)	150 (142)		
	Dieldrin	17.66	0	18.6	ug/kg	105				30 (47)	150 (161)		
	4,4'-DDE	17.66	0	18.5	ug/kg	105				30 (55)	150 (136)		
	Endrin	17.66	0	17.8	ug/kg	101				30 (57)	150 (139)		
	Endosulfan II	17.66	0	17.3	ug/kg	98				30 (40)	150 (163)		
	4,4'-DDD	17.66	0	17.6	ug/kg	100				30 (47)	150 (163)		
	Endosulfan sulfate	17.66	0	16.1	ug/kg	91				30 (62)	150 (139)		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2892</u>	Analytical Method:	<u>8081B</u>
Client:	<u>BAPS North Bergen Development Inc.</u>	DataFile :	<u>PL096910.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	17.66	0	16.9	ug/kg	96				30 (51)	150 (146)	
Methoxychlor	17.66	0	17.0	ug/kg	96				30 (54)	150 (136)	
Endrin ketone	17.66	0	17.2	ug/kg	97				30 (60)	150 (129)	
Endrin aldehyde	17.66	0	14.6	ug/kg	83				30 (59)	150 (132)	
alpha-Chlordane	17.66	0	18.1	ug/kg	102				30 (39)	150 (166)	
gamma-Chlordane	17.66	0	18.3	ug/kg	104				30 (44)	150 (175)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2892</u>	Analytical Method:	<u>8081B</u>
Client:	<u>BAPS North Bergen Development Inc.</u>	DataFile :	<u>PL096911.D</u>

	Parameter	Spike	Sample		Units	Rec		RPD		Limits		
			Result	Result		Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2892-08MSD		Client Sample ID:	3-FLOOR-NORTH-DMSD								
	(Column 1)											
	alpha-BHC	17.69	0	19.0	ug/kg	107		1		30 (60)	150 (144)	30 (20)
	beta-BHC	17.69	0	19.6	ug/kg	111		1		30 (54)	150 (143)	30 (20)
	delta-BHC	17.69	0	15.9	ug/kg	90		0		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	17.69	0	19.0	ug/kg	107		1		30 (61)	150 (140)	30 (20)
	Heptachlor	17.69	0	19.8	ug/kg	112		1		30 (63)	150 (135)	30 (20)
	Aldrin	17.69	0	18.8	ug/kg	106		0		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	17.69	0	19.4	ug/kg	110		2		30 (41)	150 (156)	30 (20)
	Endosulfan I	17.69	0	18.6	ug/kg	105		1		30 (56)	150 (142)	30 (20)
	Dieldrin	17.69	0	18.7	ug/kg	106		2		30 (47)	150 (161)	30 (20)
	4,4'-DDE	17.69	0	19.4	ug/kg	110		1		30 (55)	150 (136)	30 (20)
	Endrin	17.69	0	19.0	ug/kg	107		1		30 (57)	150 (139)	30 (20)
	Endosulfan II	17.69	0	18.6	ug/kg	105		1		30 (40)	150 (163)	30 (20)
	4,4'-DDD	17.69	0	19.7	ug/kg	111		1		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	17.69	0	16.2	ug/kg	92		1		30 (62)	150 (139)	30 (20)
	4,4'-DDT	17.69	0	17.8	ug/kg	101		0		30 (51)	150 (146)	30 (20)
	Methoxychlor	17.69	0	17.0	ug/kg	96		0		30 (54)	150 (136)	30 (20)
	Endrin ketone	17.69	0	17.3	ug/kg	98		0		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	17.69	0	16.2	ug/kg	92		1		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	17.69	0	19.0	ug/kg	107		1		30 (39)	150 (166)	30 (20)
	gamma-Chlordane	17.69	0	19.4	ug/kg	110		1		30 (44)	150 (175)	30 (20)
Lab Sample ID:	Q2892-08MSD		Client Sample ID:	3-FLOOR-NORTH-DMSD								
	(Column 2)											
	alpha-BHC	17.69	0	18.5	ug/kg	105		2		30 (60)	150 (144)	30 (20)
	beta-BHC	17.69	0	18.4	ug/kg	104		1		30 (54)	150 (143)	30 (20)
	delta-BHC	17.69	0	14.9	ug/kg	84		0		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	17.69	0	18.4	ug/kg	104		2		30 (61)	150 (140)	30 (20)
	Heptachlor	17.69	0	18.0	ug/kg	102		1		30 (63)	150 (135)	30 (20)
	Aldrin	17.69	0	18.4	ug/kg	104		0		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	17.69	0	18.3	ug/kg	103		0		30 (41)	150 (156)	30 (20)
	Endosulfan I	17.69	0	17.6	ug/kg	99		1		30 (56)	150 (142)	30 (20)
	Dieldrin	17.69	0	18.5	ug/kg	105		0		30 (47)	150 (161)	30 (20)
	4,4'-DDE	17.69	0	18.6	ug/kg	105		0		30 (55)	150 (136)	30 (20)
	Endrin	17.69	0	17.9	ug/kg	101		0		30 (57)	150 (139)	30 (20)
	Endosulfan II	17.69	0	17.5	ug/kg	99		1		30 (40)	150 (163)	30 (20)
	4,4'-DDD	17.69	0	17.8	ug/kg	101		1		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	17.69	0	15.7	ug/kg	89		2		30 (62)	150 (139)	30 (20)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2892</u>	Analytical Method:	<u>8081B</u>
Client:	<u>BAPS North Bergen Development Inc.</u>	DataFile :	<u>PL096911.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	17.69	0	17.2	ug/kg	97		1		30 (51)	150 (146)	30 (20)
Methoxychlor	17.69	0	17.0	ug/kg	96		0		30 (54)	150 (136)	30 (20)
Endrin ketone	17.69	0	17.3	ug/kg	98		1		30 (60)	150 (129)	30 (20)
Endrin aldehyde	17.69	0	14.7	ug/kg	83		0		30 (59)	150 (132)	30 (20)
alpha-Chlordane	17.69	0	18.2	ug/kg	103		1		30 (39)	150 (166)	30 (20)
gamma-Chlordane	17.69	0	18.5	ug/kg	105		1		30 (44)	150 (175)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2892</u>	Analytical Method:	<u>8081B</u>
Client:	<u>BAPS North Bergen Development Inc.</u>	Datafile :	<u>PL096902.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169298BS (Column 1)	alpha-BHC	16.65	16.8	ug/kg	101				40 (84)	140 (123)	
	beta-BHC	16.65	17.2	ug/kg	103				40 (82)	140 (123)	
	delta-BHC	16.65	17.6	ug/kg	106				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.65	17.1	ug/kg	103				40 (83)	140 (125)	
	Heptachlor	16.65	18.0	ug/kg	108				40 (83)	140 (122)	
	Aldrin	16.65	16.9	ug/kg	102				40 (82)	140 (124)	
	Heptachlor epoxide	16.65	17.4	ug/kg	105				40 (83)	140 (120)	
	Endosulfan I	16.65	16.5	ug/kg	99				40 (81)	140 (124)	
	Dieldrin	16.65	16.6	ug/kg	100				40 (85)	140 (121)	
	4,4'-DDE	16.65	16.9	ug/kg	102				40 (81)	140 (123)	
	Endrin	16.65	16.9	ug/kg	102				40 (76)	140 (130)	
	Endosulfan II	16.65	16.7	ug/kg	100				40 (80)	140 (125)	
	4,4'-DDD	16.65	17.4	ug/kg	105				40 (80)	140 (131)	
	Endosulfan sulfate	16.65	16.3	ug/kg	98				40 (81)	140 (122)	
	4,4'-DDT	16.65	16.3	ug/kg	98				40 (70)	140 (129)	
	Methoxychlor	16.65	15.7	ug/kg	94				40 (60)	140 (119)	
	Endrin ketone	16.65	16.3	ug/kg	98				40 (77)	140 (132)	
	Endrin aldehyde	16.65	17.7	ug/kg	106				40 (79)	140 (124)	
	alpha-Chlordane	16.65	16.8	ug/kg	101				40 (84)	140 (120)	
	gamma-Chlordane	16.65	17.2	ug/kg	103				40 (83)	140 (122)	
PB169298BS (Column 2)	alpha-BHC	16.65	16.9	ug/kg	102				40 (84)	140 (123)	
	beta-BHC	16.65	16.7	ug/kg	100				40 (82)	140 (123)	
	delta-BHC	16.65	16.9	ug/kg	102				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.65	16.9	ug/kg	102				40 (83)	140 (125)	
	Heptachlor	16.65	16.6	ug/kg	100				40 (83)	140 (122)	
	Aldrin	16.65	16.9	ug/kg	102				40 (82)	140 (124)	
	Heptachlor epoxide	16.65	16.7	ug/kg	100				40 (83)	140 (120)	
	Endosulfan I	16.65	16.1	ug/kg	97				40 (81)	140 (124)	
	Dieldrin	16.65	16.7	ug/kg	100				40 (85)	140 (121)	
	4,4'-DDE	16.65	16.9	ug/kg	102				40 (81)	140 (123)	
	Endrin	16.65	16.5	ug/kg	99				40 (76)	140 (130)	
	Endosulfan II	16.65	16.4	ug/kg	98				40 (80)	140 (125)	
	4,4'-DDD	16.65	16.8	ug/kg	101				40 (80)	140 (131)	
	Endosulfan sulfate	16.65	16.0	ug/kg	96				40 (81)	140 (122)	
	4,4'-DDT	16.65	15.9	ug/kg	95				40 (70)	140 (129)	
	Methoxychlor	16.65	15.8	ug/kg	95				40 (60)	140 (119)	
	Endrin ketone	16.65	16.3	ug/kg	98				40 (77)	140 (132)	
	Endrin aldehyde	16.65	17.6	ug/kg	106				40 (79)	140 (124)	
	alpha-Chlordane	16.65	16.7	ug/kg	100				40 (84)	140 (120)	
	gamma-Chlordane	16.65	17.0	ug/kg	102				40 (83)	140 (122)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169298BL

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: PB169298BL

Lab File ID: PL096901.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/19/2025

Date Analyzed (1): 08/19/2025

Date Analyzed (2): 08/19/2025

Time Analyzed (1): 17:55

Time Analyzed (2): 17:55

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
PB169298BS	PB169298BS	PL096902.D	08/19/2025	08/19/2025
1-FLOOR-NORTH-EAST-CORNER-BACK-A	Q2892-02	PL096906.D	08/19/2025	08/19/2025
1-FLOOR-DRILL-B-BACK	Q2892-04	PL096907.D	08/19/2025	08/19/2025
BACK-1-FLOOR-CENTER-MIDDLE-C	Q2892-06	PL096908.D	08/19/2025	08/19/2025
3-FLOOR-NORTH-D	Q2892-08	PL096909.D	08/19/2025	08/19/2025
3-FLOOR-NORTH-DMS	Q2892-08MS	PL096910.D	08/19/2025	08/19/2025
3-FLOOR-NORTH-DMSD	Q2892-08MSD	PL096911.D	08/19/2025	08/19/2025
3-FLOOR-SOUTH-E	Q2892-10	PL096912.D	08/19/2025	08/19/2025
FRONT-1-FLOOR-F	Q2892-12	PL096913.D	08/19/2025	08/19/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SDG No.:	Q2892
Lab Sample ID:	Q2892-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096906.D	1	08/19/25 08:41	08/19/25 19:03	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.78	JP	0.15	1.90	ug/kg
72-55-9	4,4-DDE	1.30	J	0.15	1.90	ug/kg
72-20-8	Endrin	0.46	JP	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.55	J	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	1.50	J	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.56	JP	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.4		30 (20) - 150 (144)	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		30 (19) - 150 (148)	96%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/15/25	
Client Sample ID:	1-FLOOR-NORTH-EAST-CORNER-BACK-A		SDG No.:	Q2892	
Lab Sample ID:	Q2892-02		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	90.9	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096906.D	1	08/19/25 08:41	08/19/25 19:03	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:03
 Operator : AR\AJ
 Sample : Q2892-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1-FLOOR-NORTH-EAST-CORNER-BACK-A

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	60961756	91995855	19.166m	19.255
28) SA Decachlor...	9.002	7.985	43602732	80052665	18.285m	18.452m
Target Compounds						
11) B alpha-Chl...	5.988	5.108	5951619	3489915	1.544m	0.592m#
12) B 4,4'-DDE	6.158	5.298	11817334	18890878	3.680	3.426m
13) MA Dieldrin	6.307	5.428	2262835	12619362	0.610m	2.137 #
14) MA Endrin	6.532	5.711	1583911	6764040	0.523m	1.251m#
15) B Endosulfa...	6.741	5.995	4787325	2615057	1.495m	0.509m#
17) MA 4,4'-DDT	6.979	6.103	8381253	20287003	2.923m	4.011 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:03
Operator : AR\AJ
Sample : Q2892-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

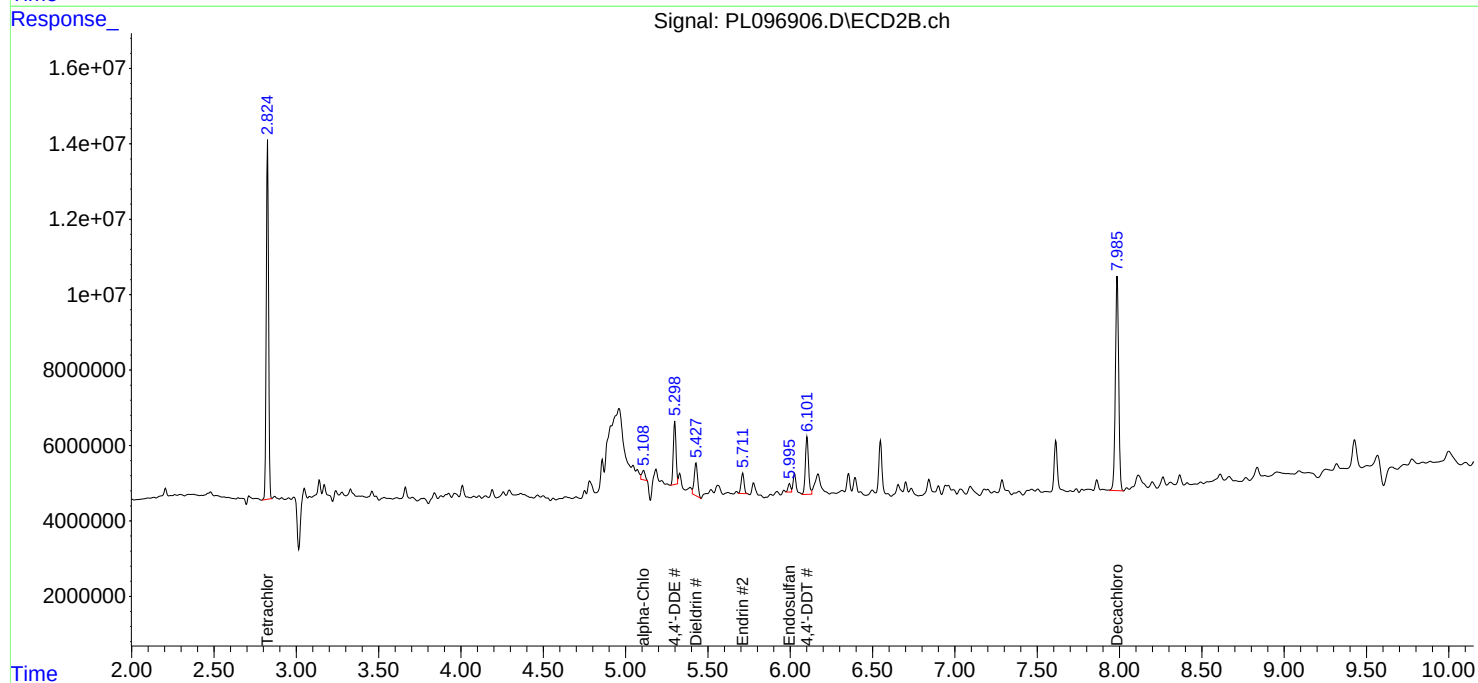
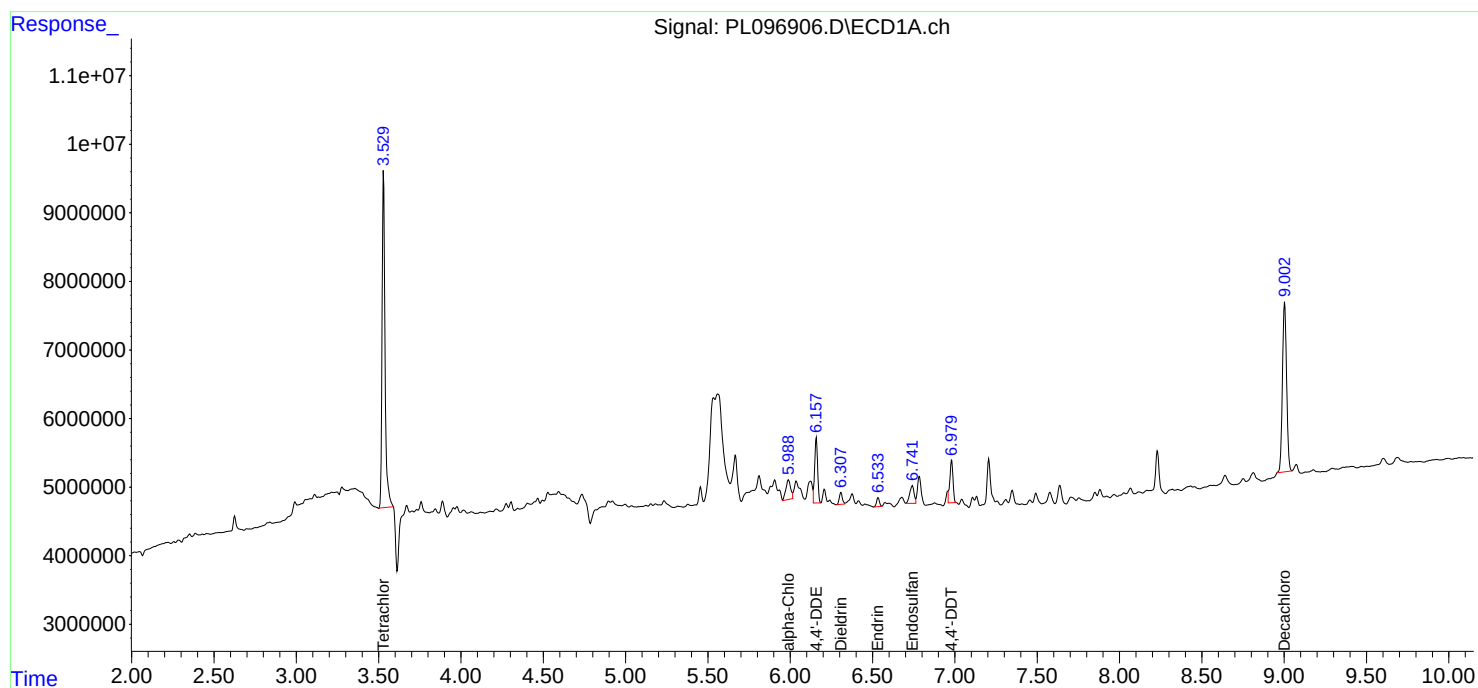
Instrument :
ECD_L
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

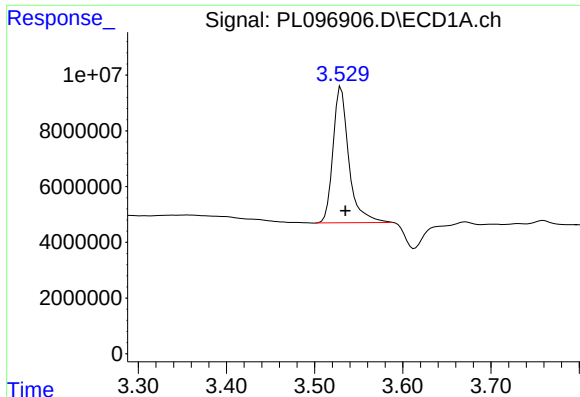
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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.: 3.529 min
Delta R.T.: -0.006 min
Response: 60961756
Conc: 19.17 ng/ml

Instrument :

ECD_L

ClientSampleId :

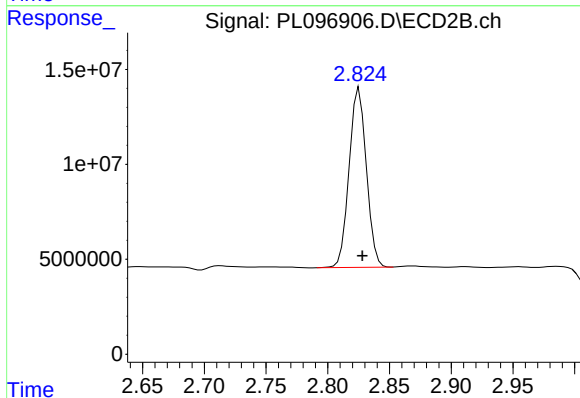
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Manual Integrations

APPROVED

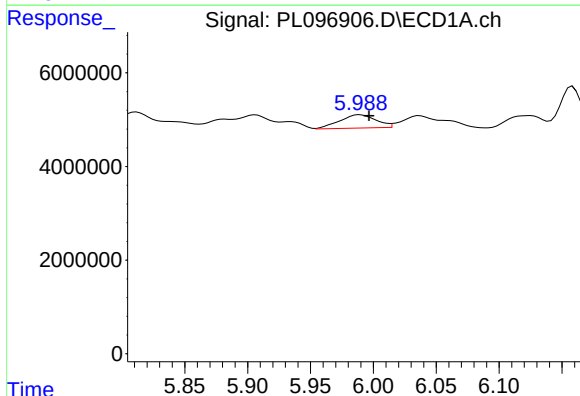
Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025



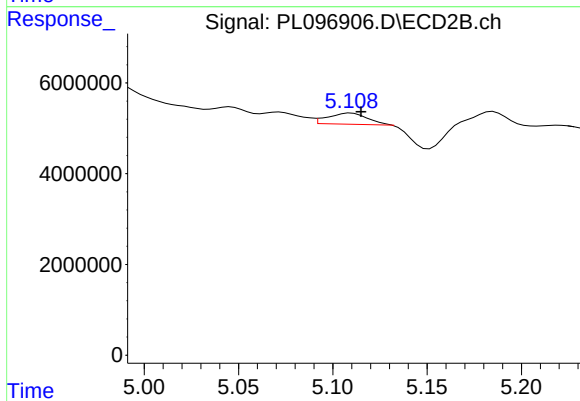
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.002 min
Response: 91995855
Conc: 19.25 ng/ml



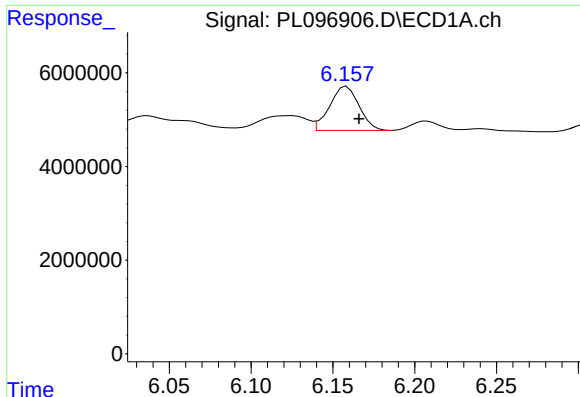
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.009 min
Response: 5951619
Conc: 1.54 ng/ml m



#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 3489915
Conc: 0.59 ng/ml m



#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: -0.008 min
Response: 11817334
Conc: 3.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

#12 4,4'-DDE

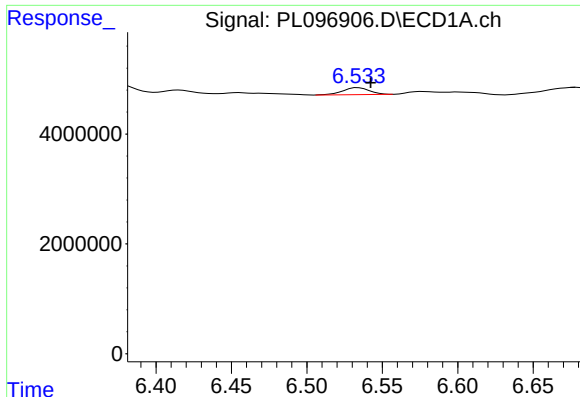
R.T.: 5.298 min
Delta R.T.: -0.006 min
Response: 18890878
Conc: 3.43 ng/ml m

#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 2262835
Conc: 0.61 ng/ml m

#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 12619362
Conc: 2.14 ng/ml



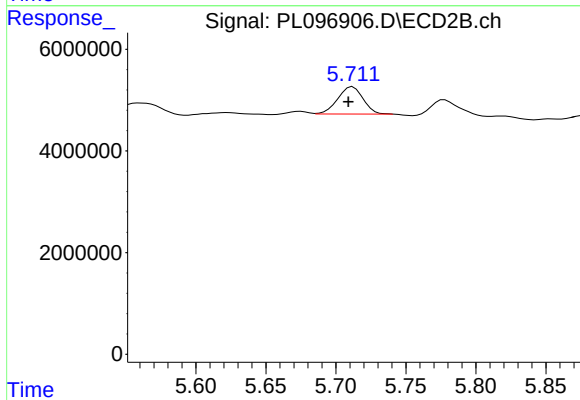
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.010 min
Response: 1583911
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

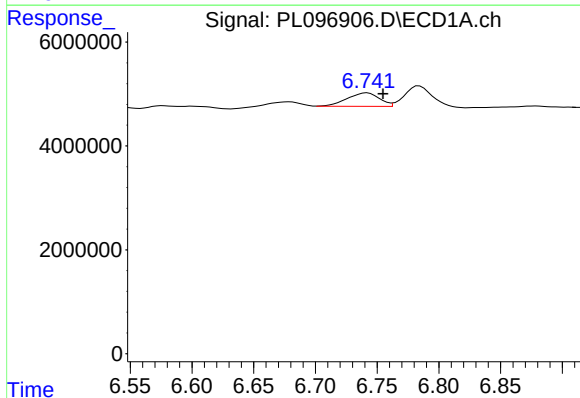
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



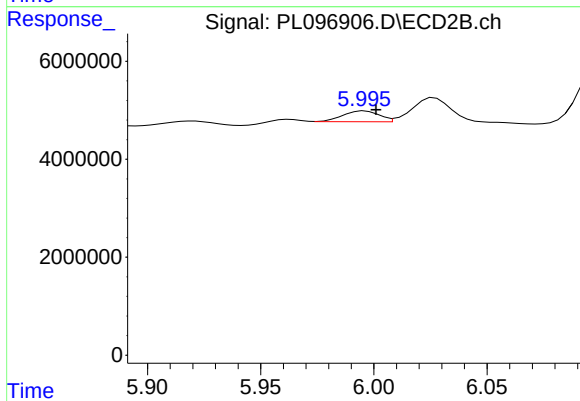
#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.002 min
Response: 6764040
Conc: 1.25 ng/ml m



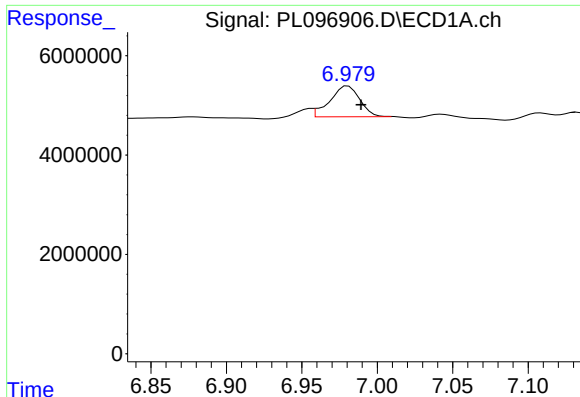
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.014 min
Response: 4787325
Conc: 1.49 ng/ml m



#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 2615057
Conc: 0.51 ng/ml m



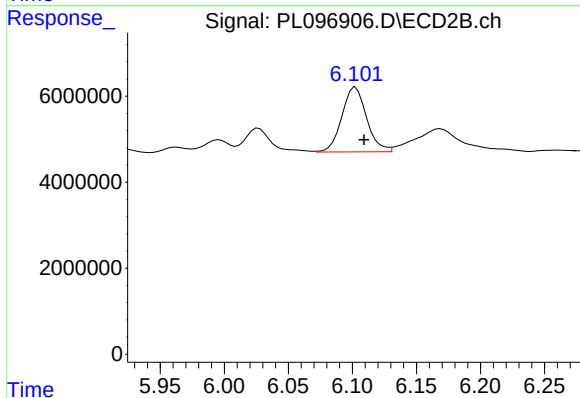
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.010 min
Response: 8381253
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

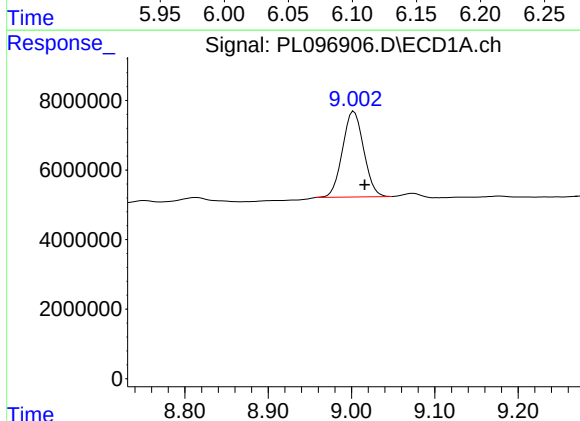
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



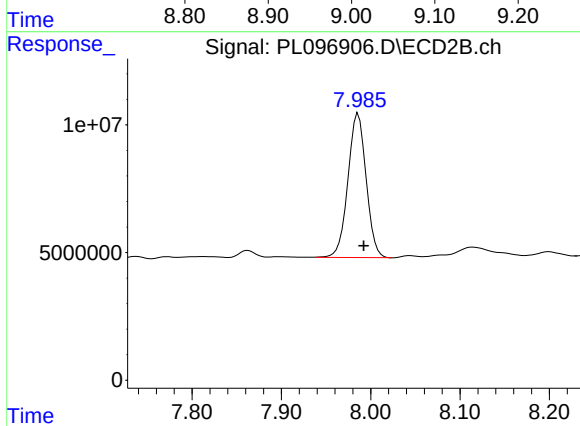
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 20287003
Conc: 4.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 43602732
Conc: 18.28 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 80052665
Conc: 18.45 ng/ml m

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelles Ave		Date Received:	08/15/25	
Client Sample ID:	1-FLOOR-DRILL-B-BACK		SDG No.:	Q2892	
Lab Sample ID:	Q2892-04		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096907.D	1	08/19/25 08:41	08/19/25 19:17	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.62	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.88	J	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	1.30	J	0.14	1.90	ug/kg
50-29-3	4,4-DDT	1.50	J	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.6		30 (20) - 150 (144)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (19) - 150 (148)	100%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelles Ave		Date Received:	08/15/25	
Client Sample ID:	1-FLOOR-DRILL-B-BACK		SDG No.:	Q2892	
Lab Sample ID:	Q2892-04		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	89.7	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096907.D	1	08/19/25 08:41	08/19/25 19:17	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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\PL081925\
 Data File : PL096907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:17
 Operator : AR\AJ
 Sample : Q2892-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1-FLOOR-DRILL-B-BACK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	2.826	63703164	95859753	20.028m	20.064
2) SA Decachlor...	9.002	7.985	42590887	80572261	17.860m	18.572m
Target Compounds						
12) B 4,4'-DDE	6.159	5.297	7435317	12991819	2.315	2.356m
13) MA Dieldrin	6.307	5.431	2450316	9914164	0.660m	1.679 #
15) B Endosulfa...	6.740	5.994	2591626	2136252	0.809m	0.416m#
17) MA 4,4'-DDT	6.981	6.102	8008569	20556727	2.793	4.064 #
19) B Endosulfa...	7.132	6.391	9851720	14911570	3.428m	2.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:17
Operator : AR\AJ
Sample : Q2892-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

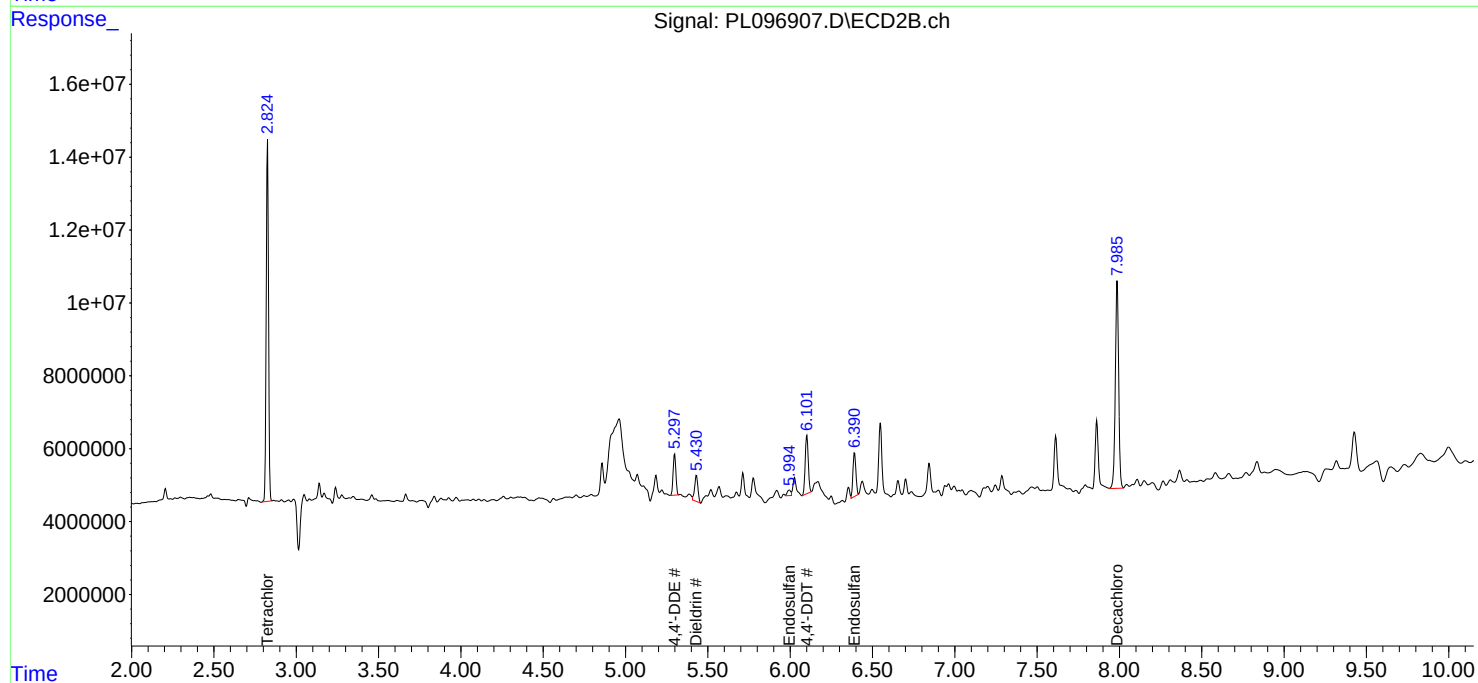
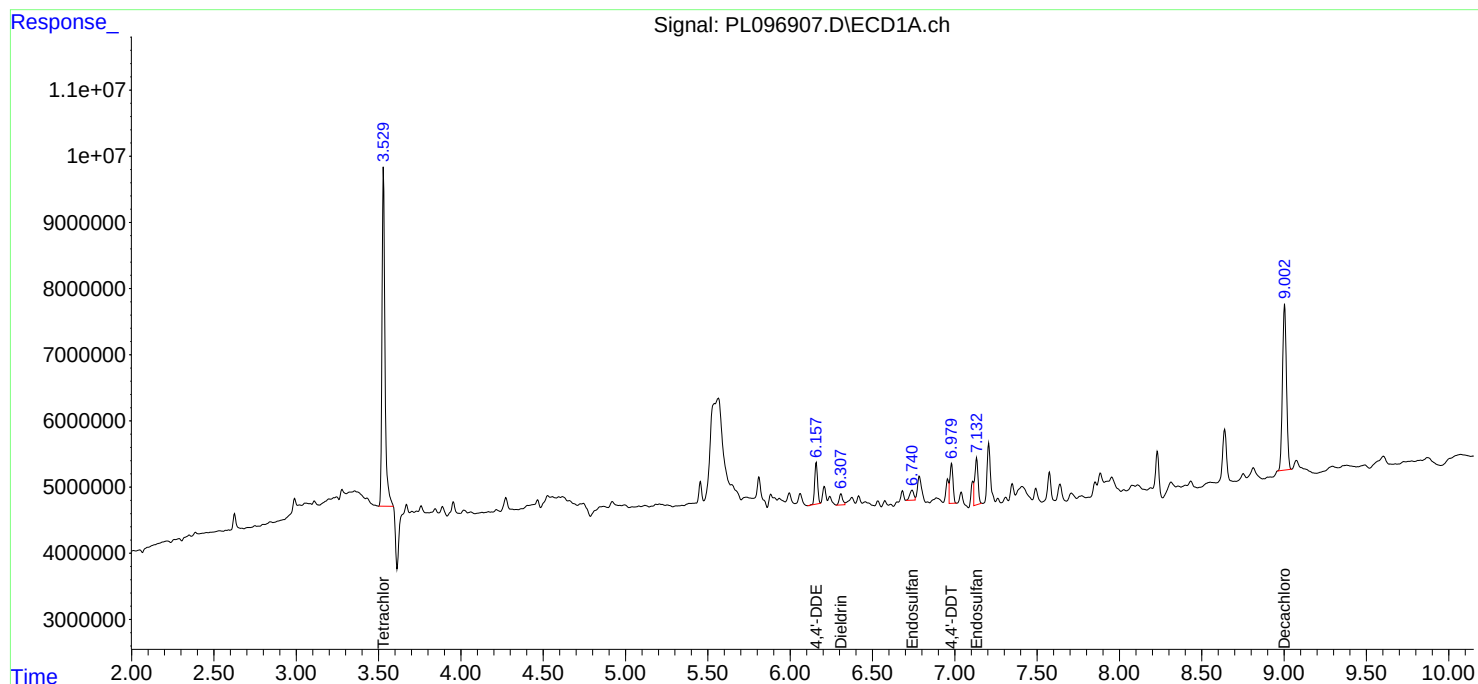
Instrument :
ECD_L
ClientSampleId :
1-FLOOR-DRILL-B-BACK

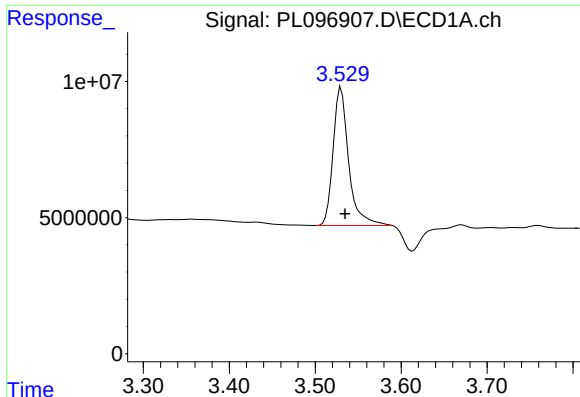
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





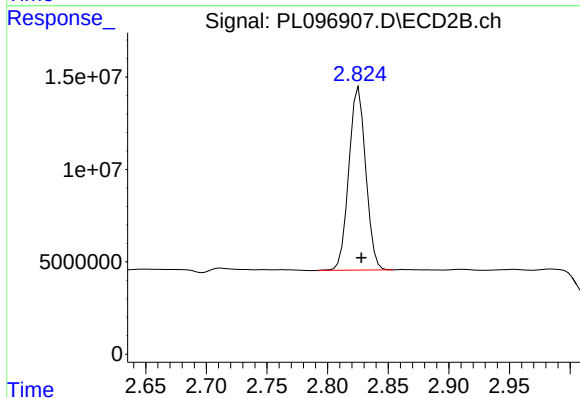
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 63703164
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-DRILL-B-BACK

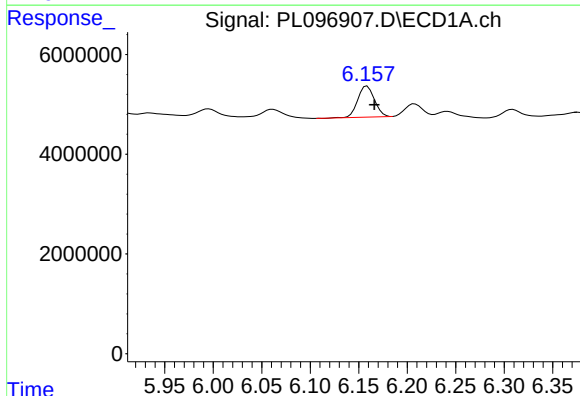
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



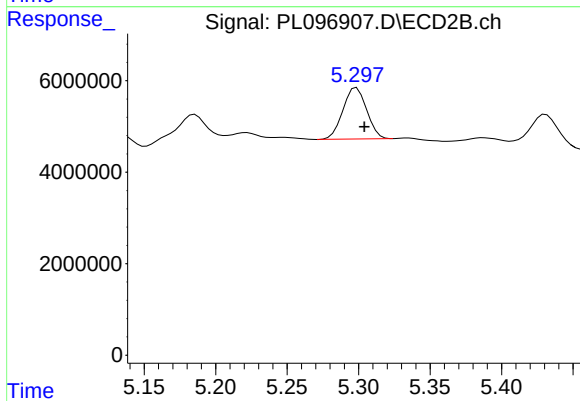
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 95859753
Conc: 20.06 ng/ml



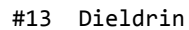
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 7435317
Conc: 2.32 ng/ml



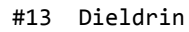
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.007 min
Response: 12991819
Conc: 2.36 ng/ml m



Instrument :
ECD_L
ClientSampleId :
1-FLOOR-DRILL-B-BACK

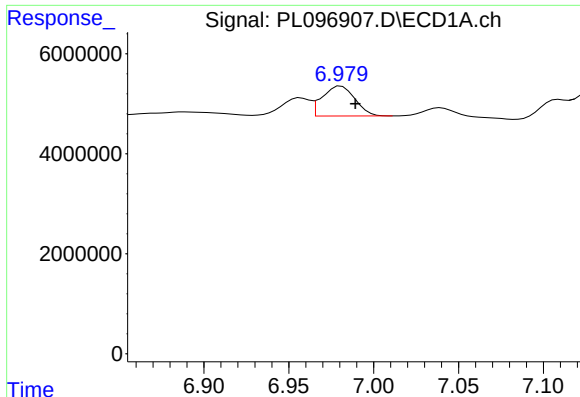
Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#15 Endosulfan II

#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: -0.007 min
Response: 2136252
Conc: 0.42 ng/ml m



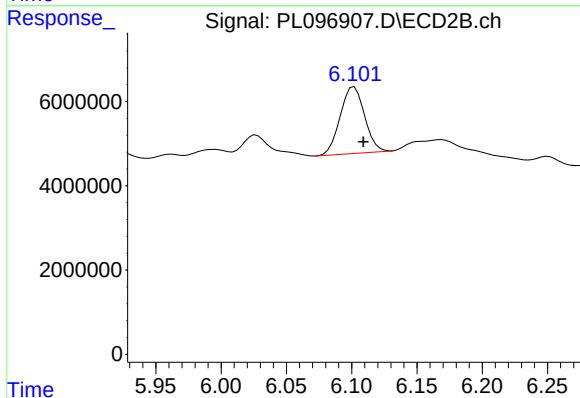
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: -0.008 min
Response: 8008569
Conc: 2.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-DRILL-B-BACK

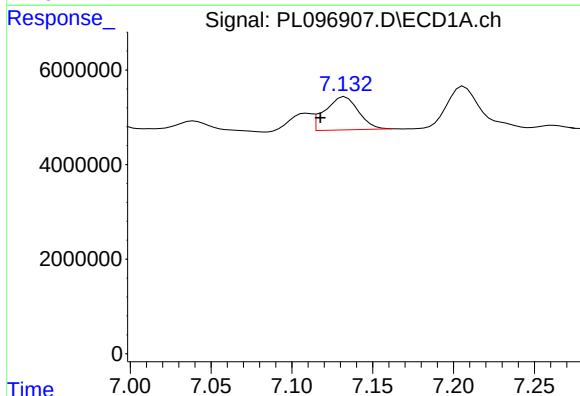
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



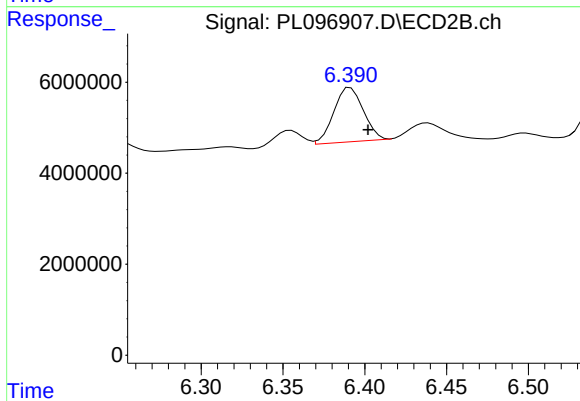
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.007 min
Response: 20556727
Conc: 4.06 ng/ml



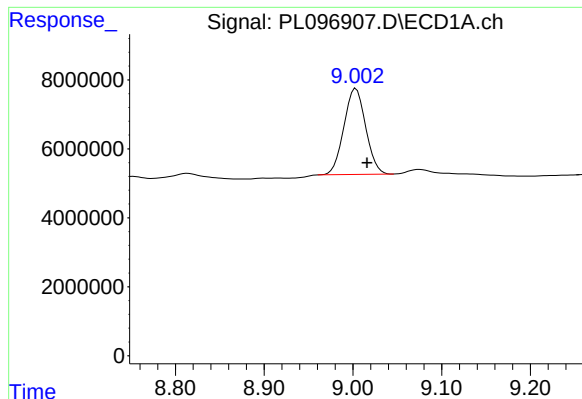
#19 Endosulfan Sulfate

R.T.: 7.132 min
Delta R.T.: 0.014 min
Response: 9851720
Conc: 3.43 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.011 min
Response: 14911570
Conc: 2.93 ng/ml



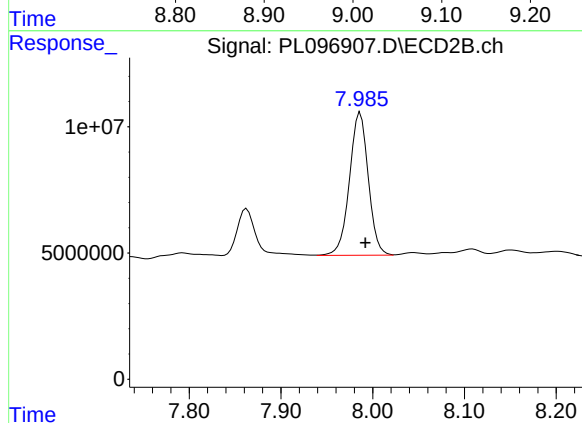
#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 42590887
Conc: 17.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 80572261
Conc: 18.57 ng/ml m

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C	SDG No.:	Q2892
Lab Sample ID:	Q2892-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096908.D	1	08/19/25 08:41	08/19/25 19:31	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.00	U	6.00	36.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.8		30 (20) - 150 (144)	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		30 (19) - 150 (148)	94%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/15/25	
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C		SDG No.:	Q2892	
Lab Sample ID:	Q2892-06		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	89.9	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096908.D	1	08/19/25 08:41	08/19/25 19:31	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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\PL081925\
 Data File : PL096908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:31
 Operator : AR\AJ
 Sample : Q2892-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BACK-1-FLOOR-CENTER-MIDDLE-C

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	58952066	89335251	18.534m	18.698
2) SA Decachlor...	9.002	7.986	42354377	70584796	17.761m	16.270

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:31
Operator : AR\AJ
Sample : Q2892-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

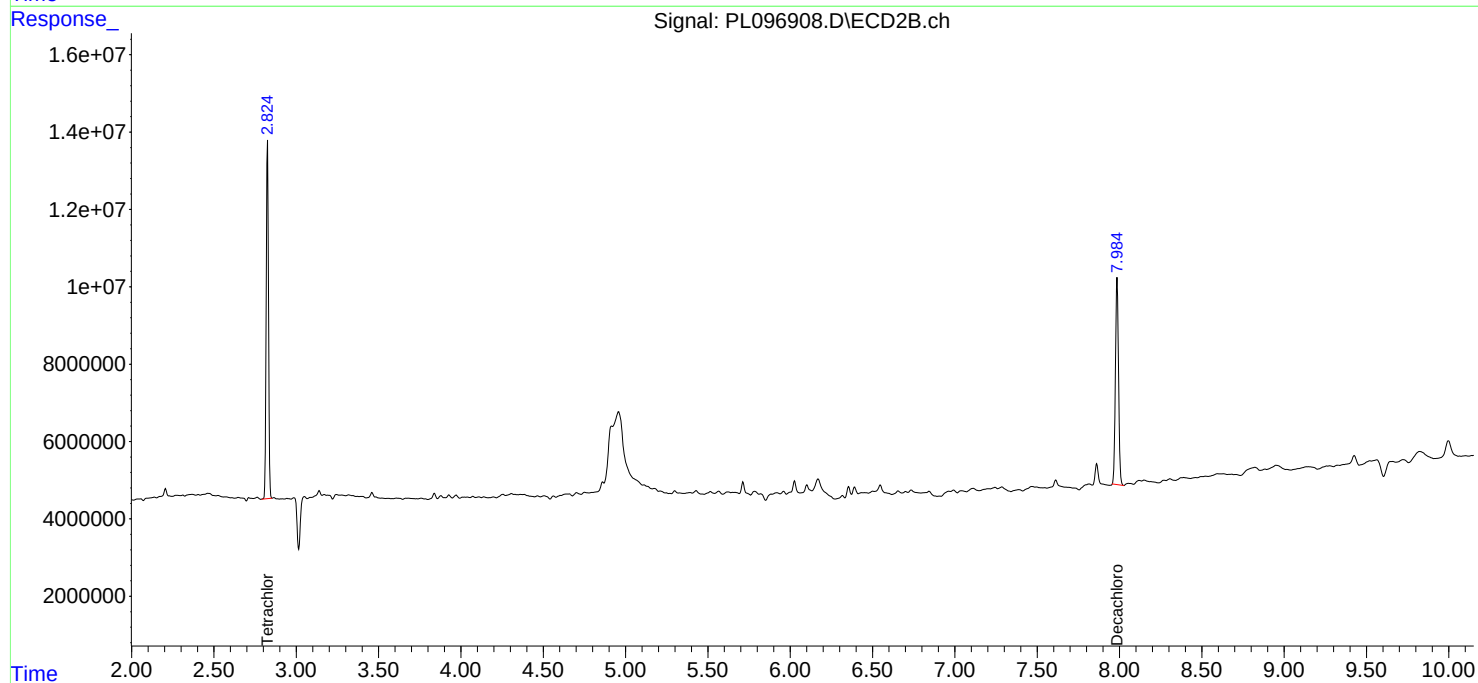
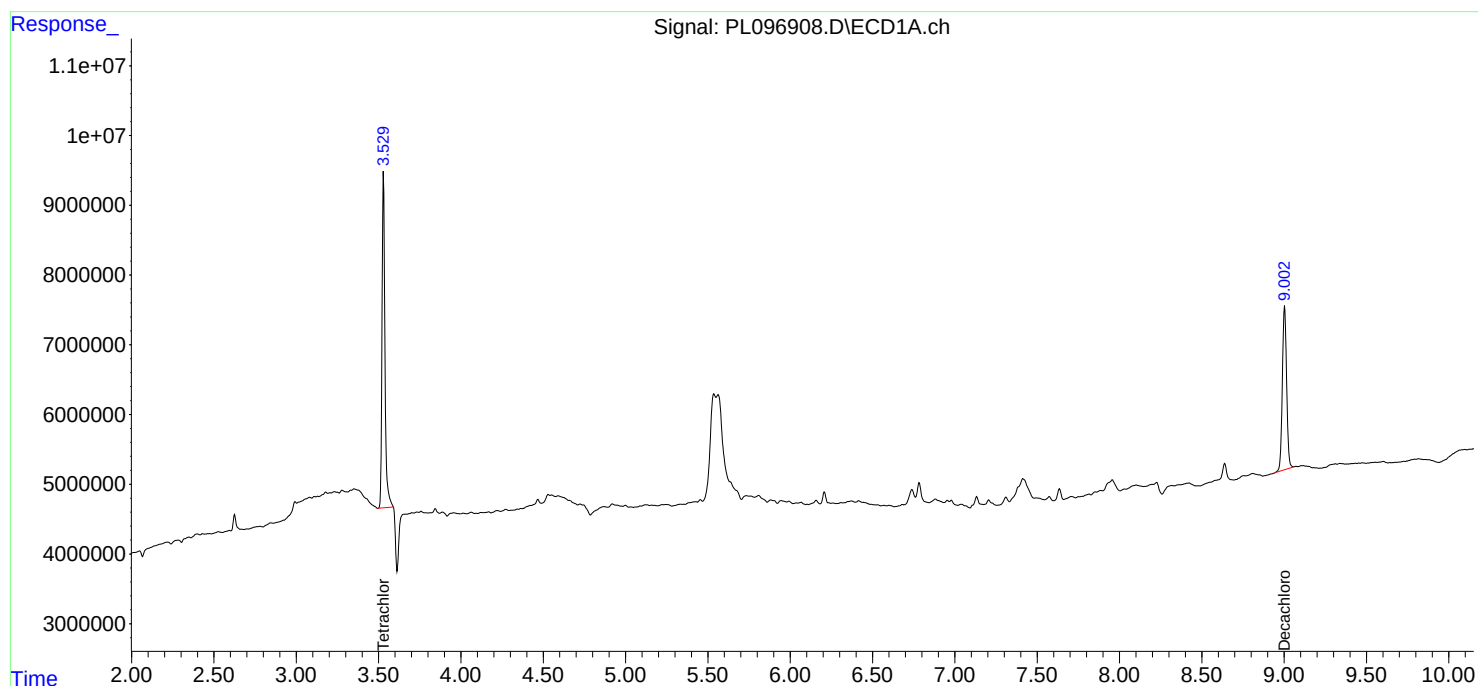
Instrument :
ECD_L
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

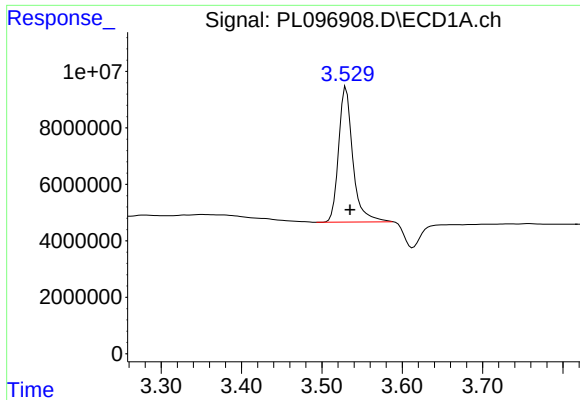
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





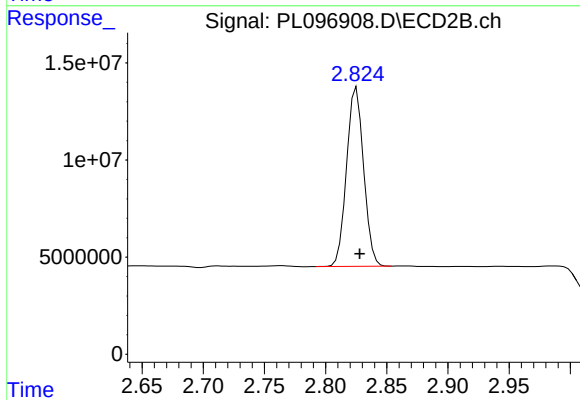
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 58952066
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

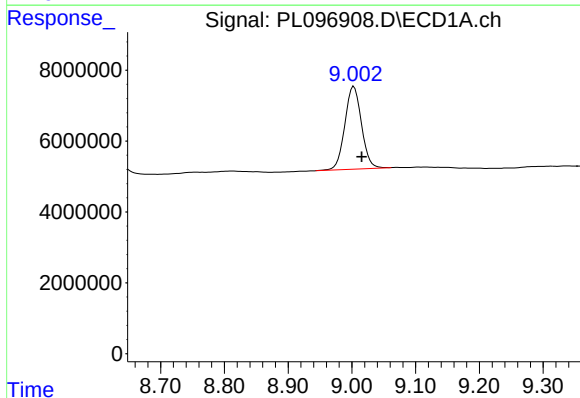
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



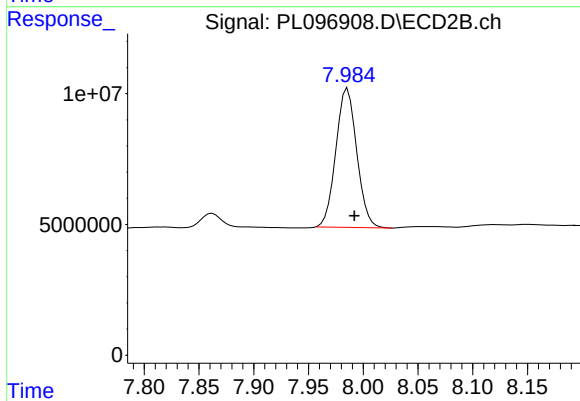
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 89335251
Conc: 18.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 42354377
Conc: 17.76 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 70584796
Conc: 16.27 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-D	SDG No.:	Q2892
Lab Sample ID:	Q2892-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	94.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096909.D	1	08/19/25 08:41	08/19/25 19:44	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.80	ug/kg
319-85-7	beta-BHC	0.19	U	0.19	1.80	ug/kg
319-86-8	delta-BHC	0.41	U	0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.80	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.80	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.20	U	0.20	1.80	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.80	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.20	U	0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.2		30 (20) - 150 (144)	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		30 (19) - 150 (148)	98%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelles Ave		Date Received:	08/15/25	
Client Sample ID:	3-FLOOR-NORTH-D		SDG No.:	Q2892	
Lab Sample ID:	Q2892-08		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096909.D	1	08/19/25 08:41	08/19/25 19:44	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
Data File : PL096909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:44
Operator : AR\AJ
Sample : Q2892-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-D

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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	2.826	61914140	93322106	19.465m	19.533
28) SA Decachlor...	9.002	7.986	45830880	77538352	19.219m	17.873

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:44
Operator : AR\AJ
Sample : Q2892-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

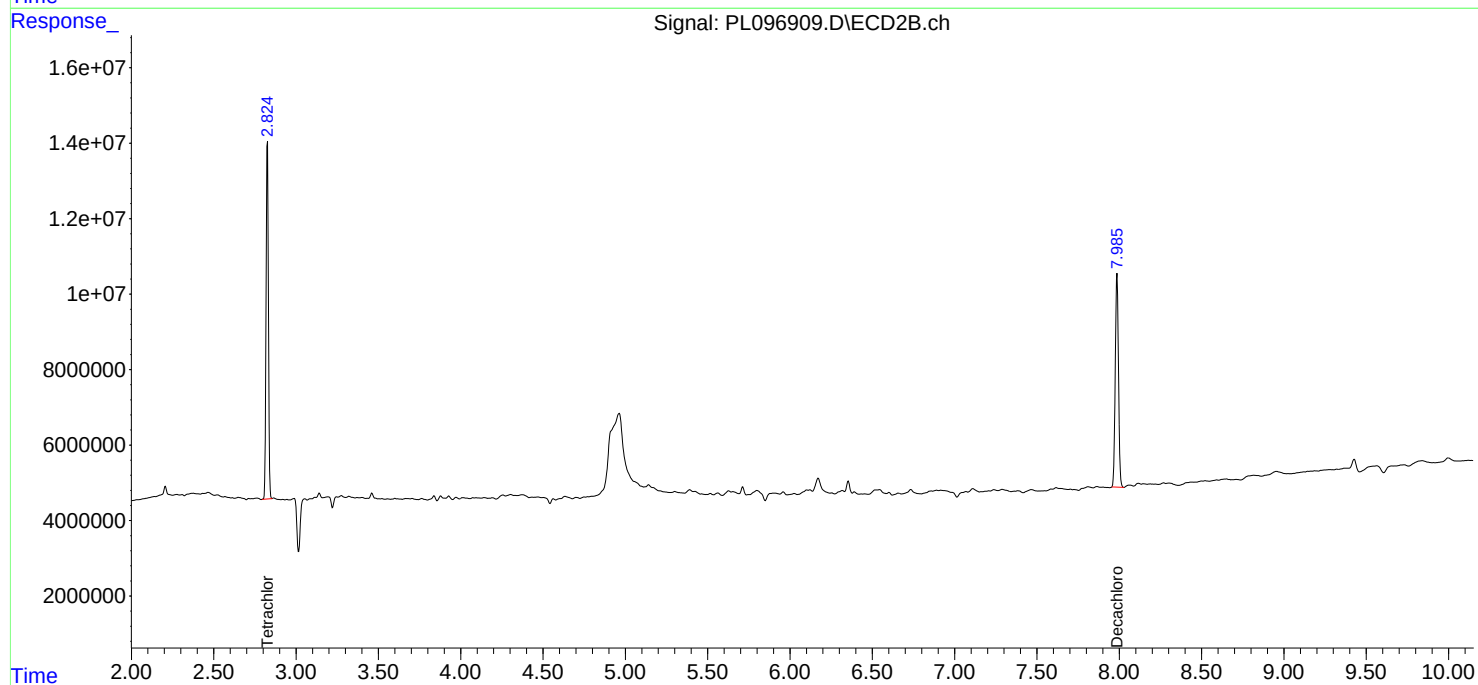
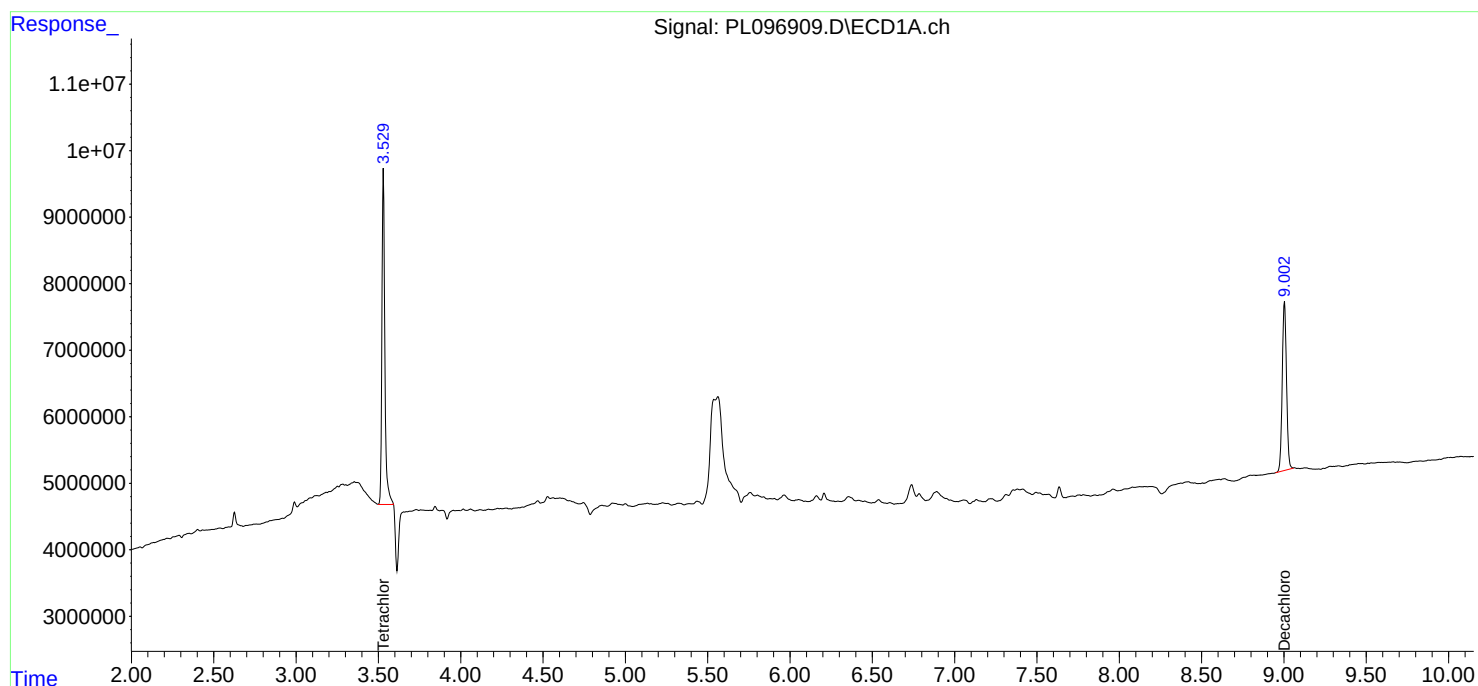
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-D

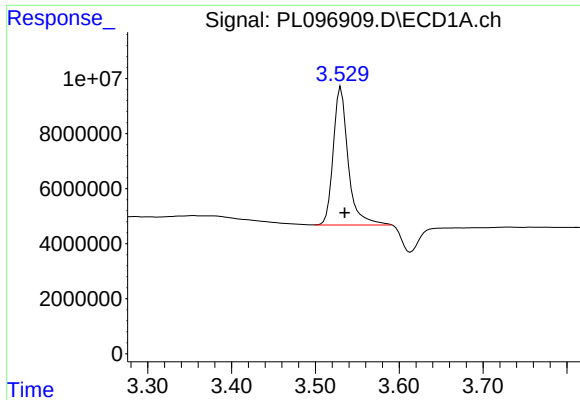
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





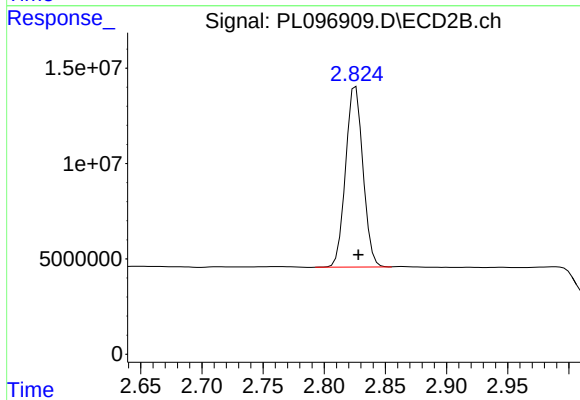
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 61914140
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-D

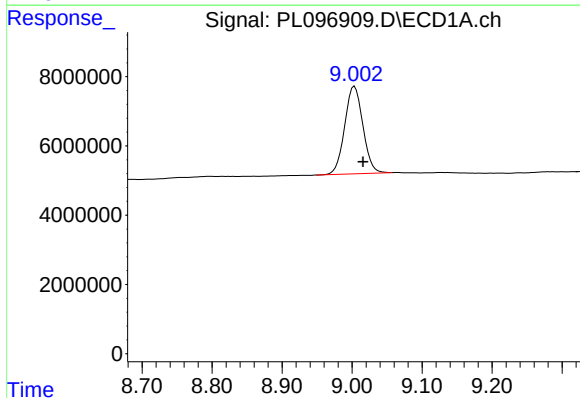
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



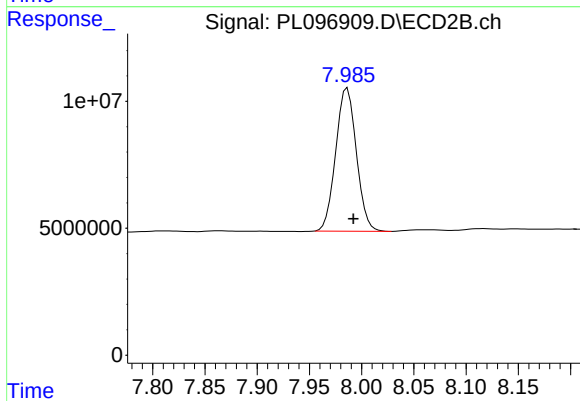
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 93322106
Conc: 19.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 45830880
Conc: 19.22 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 77538352
Conc: 17.87 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelles Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-SOUTH-E	SDG No.:	Q2892
Lab Sample ID:	Q2892-10	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096912.D	1	08/19/25 08:41	08/19/25 20:25	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	0.15	U	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.15	U	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.40	U	0.40	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.13	U	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.16	U	0.16	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		30 (20) - 150 (144)	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		30 (19) - 150 (148)	99%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-SOUTH-E	SDG No.:	Q2892
Lab Sample ID:	Q2892-10	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096912.D	1	08/19/25 08:41	08/19/25 20:25	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:25
 Operator : AR\AJ
 Sample : Q2892-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 3-FLOOR-SOUTH-E

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:40:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	61654388	94984547	19.383m	19.881
28) SA Decachlor...	9.002	7.986	48148144	83208267	20.191m	19.180

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:25
Operator : AR\AJ
Sample : Q2892-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

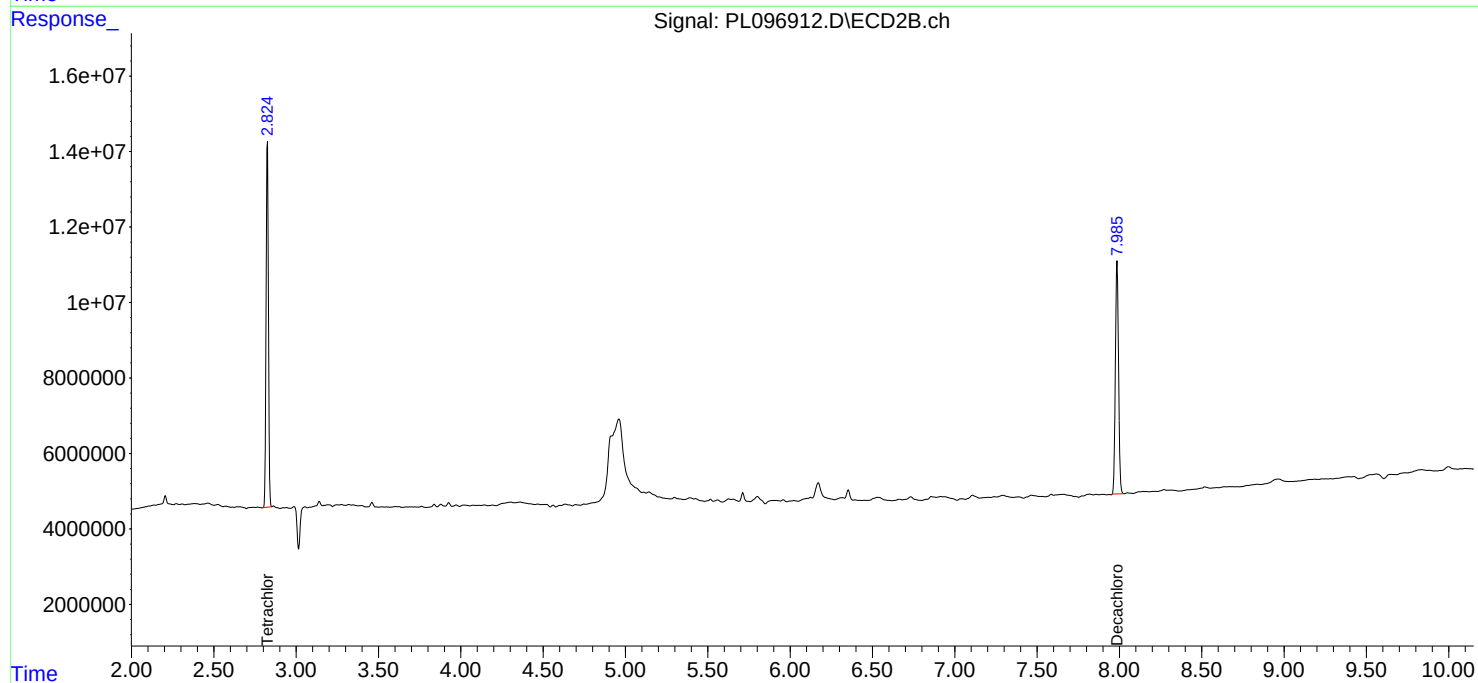
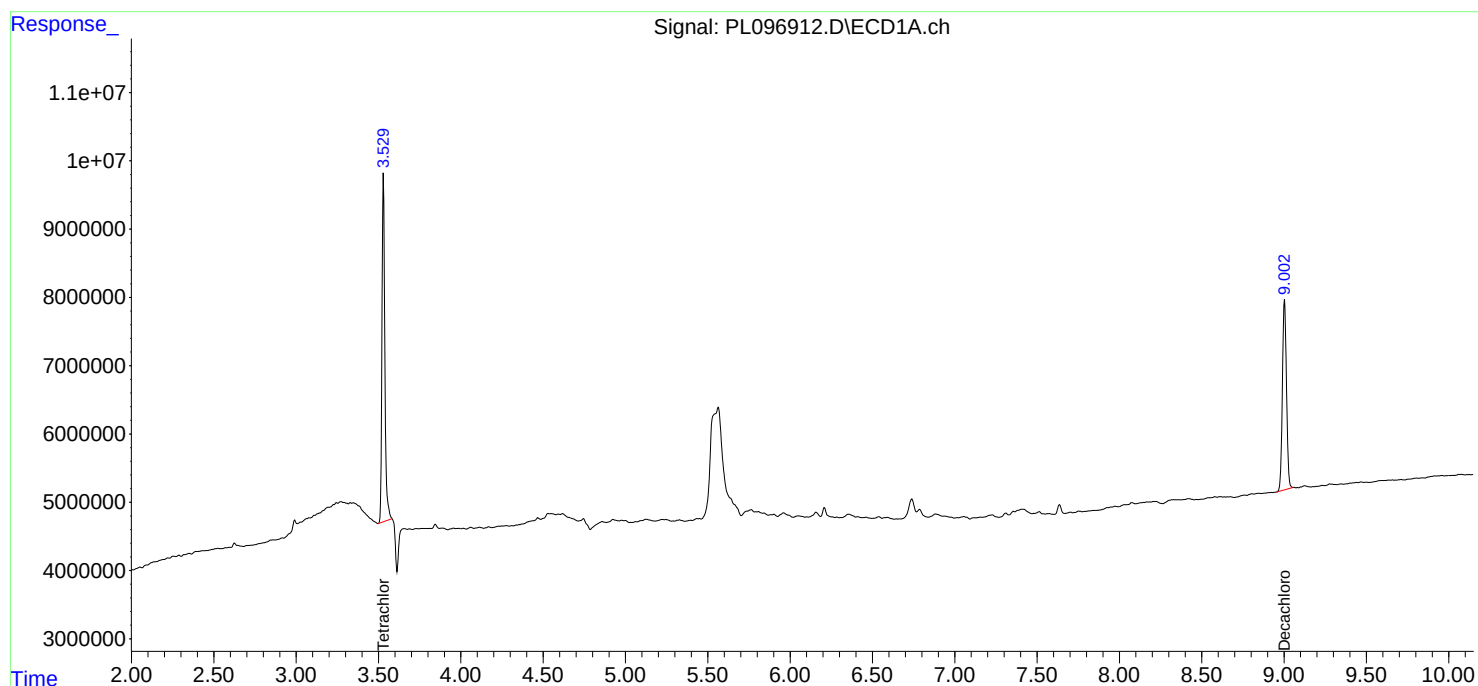
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-SOUTH-E

Manual Integrations
APPROVED

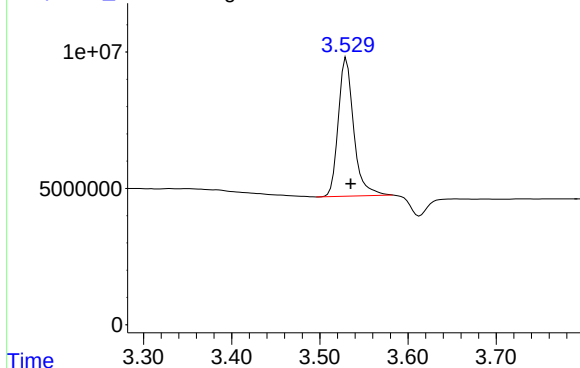
Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:40:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: PL096912.D\ECD1A.ch



#1 Tetrachloro-m-xylene

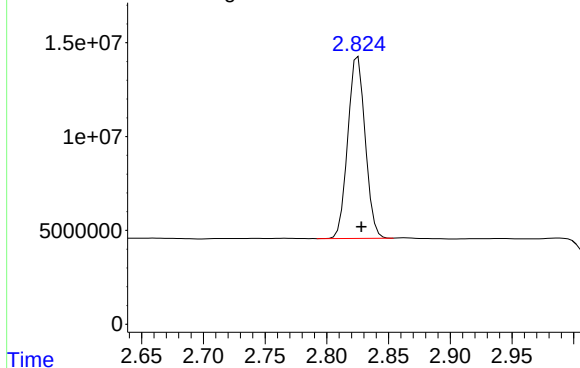
R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 61654388
Conc: 19.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-SOUTH-E

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

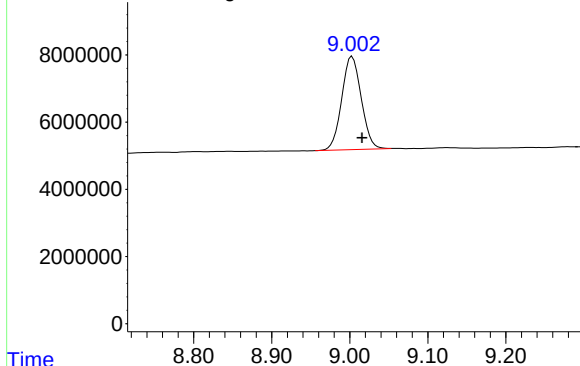
Response_ Signal: PL096912.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 94984547
Conc: 19.88 ng/ml

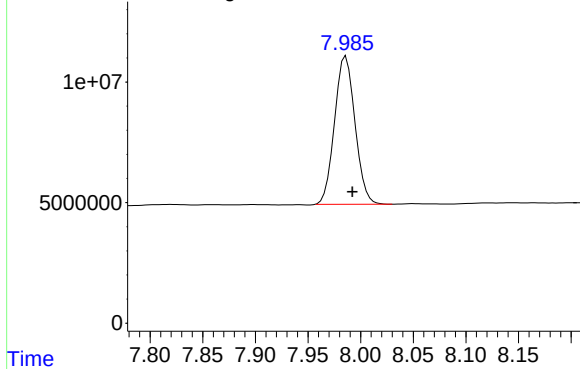
Response_ Signal: PL096912.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 48148144
Conc: 20.19 ng/ml m

Response_ Signal: PL096912.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 83208267
Conc: 19.18 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	FRONT-1-FLOOR-F	SDG No.:	Q2892
Lab Sample ID:	Q2892-12	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096913.D	1	08/19/25 08:41	08/19/25 20:39	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.44	U	0.44	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	1.90	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	1.90	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	1.90	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	1.90	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.16	U	0.16	1.90	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	1.90	ug/kg
50-29-3	4,4-DDT	0.16	U	0.16	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.10	U	6.10	37.3	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.9		30 (20) - 150 (144)	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		30 (19) - 150 (148)	90%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/15/25	
Client Sample ID:	FRONT-1-FLOOR-F		SDG No.:	Q2892	
Lab Sample ID:	Q2892-12		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	88.2	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096913.D	1	08/19/25 08:41	08/19/25 20:39	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:39
 Operator : AR\AJ
 Sample : Q2892-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FRONT-1-FLOOR-F

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:40:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	2.826	57197715	86362869	17.982m	18.076
28)	SA Decachlor...	9.002	7.985	33249780	59242694	13.943m	13.656m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:39
Operator : AR\AJ
Sample : Q2892-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

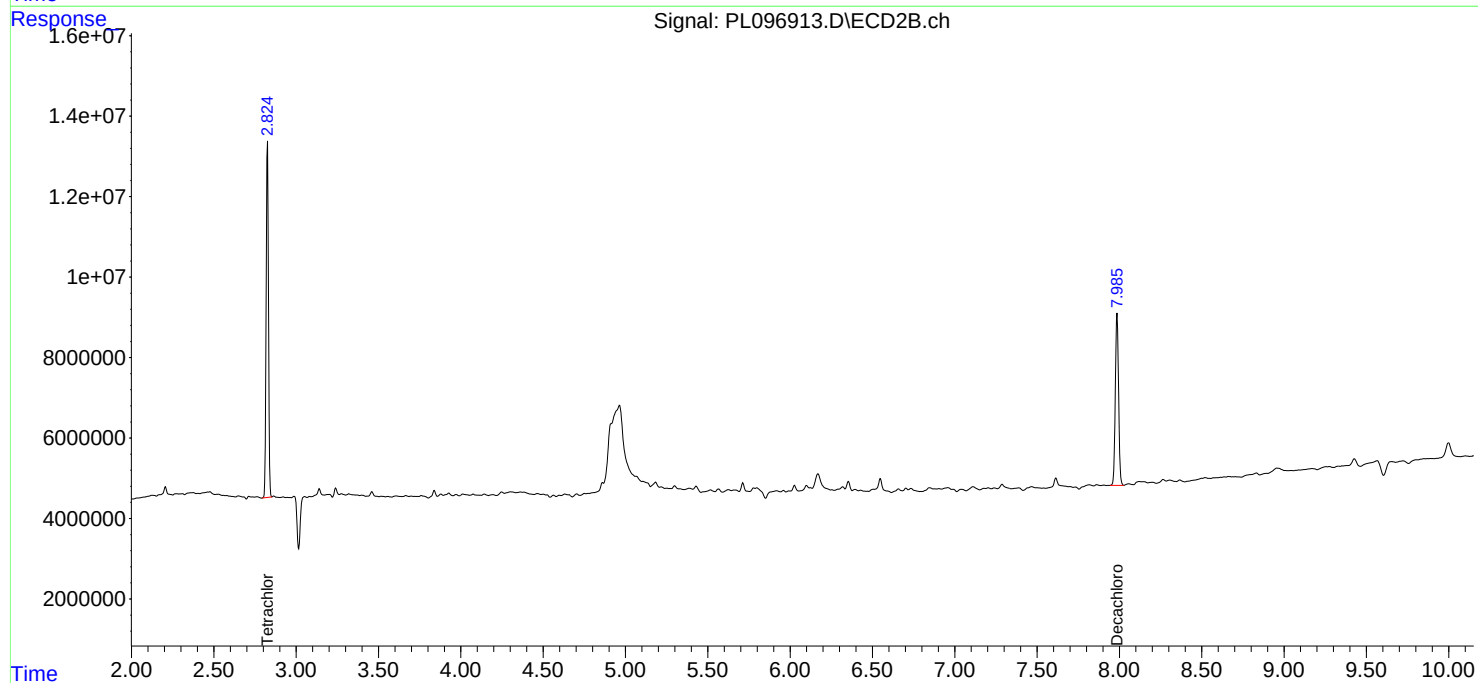
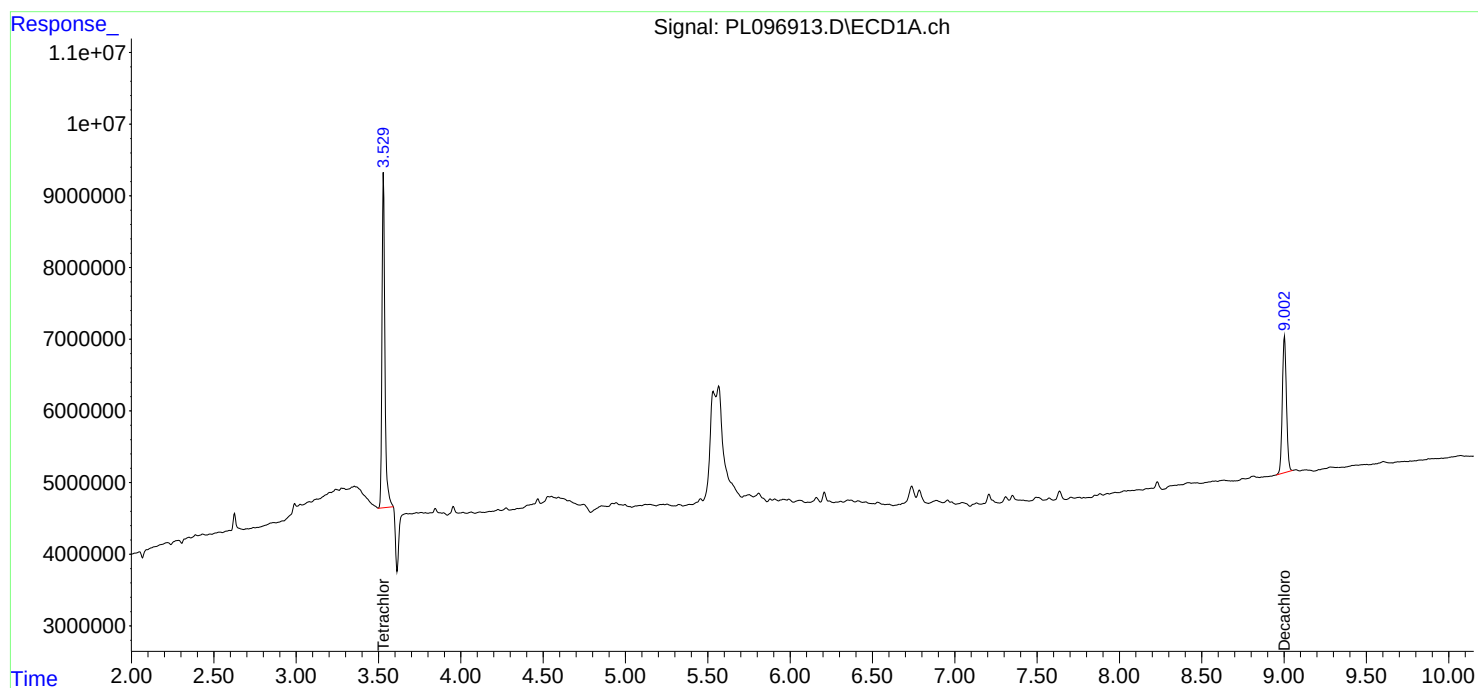
Instrument :
ECD_L
ClientSampleId :
FRONT-1-FLOOR-F

Manual Integrations
APPROVED

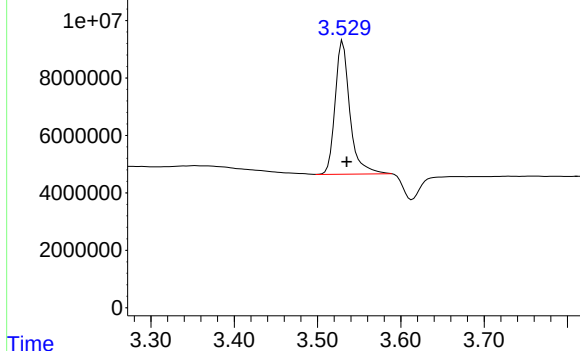
Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:40:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: PL096913.D\ECD1A.ch



#1 Tetrachloro-m-xylene

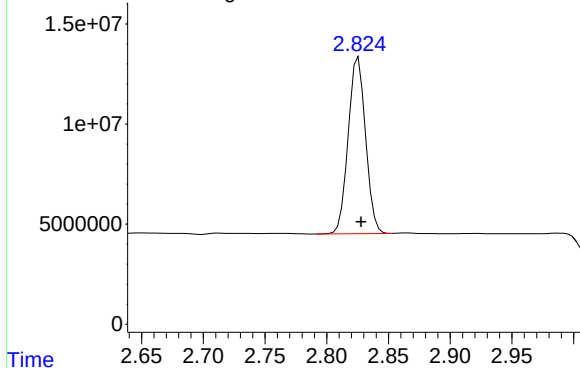
R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 57197715
Conc: 17.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRONT-1-FLOOR-F

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

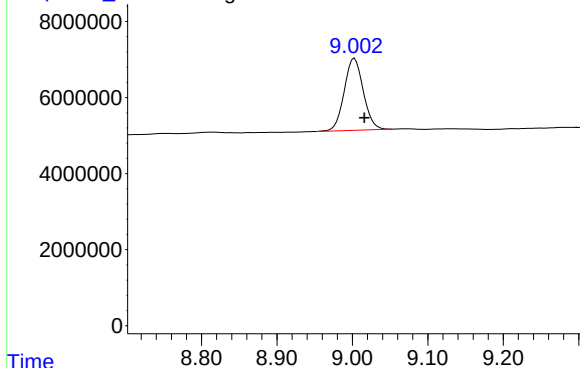
Response_ Signal: PL096913.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 86362869
Conc: 18.08 ng/ml

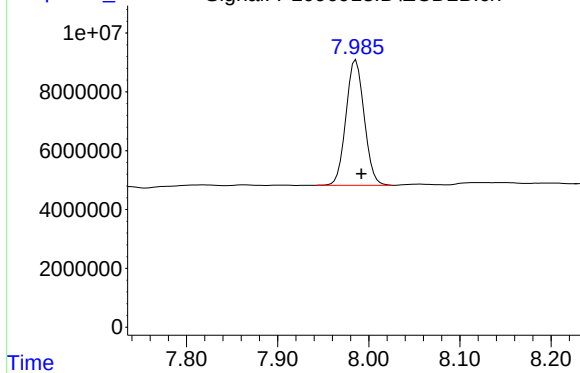
Response_ Signal: PL096913.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 33249780
Conc: 13.94 ng/ml m

Response_ Signal: PL096913.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 59242694
Conc: 13.66 ng/ml m



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>BAPS03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2892</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>07/28/2025</u> <u>07/28/2025</u>
		Calibration Times:	<u>16:52</u> <u>17:47</u>

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

LAB FILE ID:	RT 100 = <u>PL096596.D</u>	RT 075 = <u>PL096597.D</u>
RT 050 = <u>PL096598.D</u>	RT 025 = <u>PL096599.D</u>	RT 005 = <u>PL096600.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.68	6.68	6.68	6.68	6.67	6.68	6.58	6.78
4,4'-DDE	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
4,4'-DDT	6.99	6.99	6.99	6.99	6.99	6.99	6.89	7.09
Aldrin	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
alpha-BHC	3.98	3.98	3.98	3.98	3.98	3.98	3.88	4.08
alpha-Chlordane	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
beta-BHC	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
delta-BHC	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Dieldrin	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Endosulfan I	6.04	6.04	6.04	6.04	6.04	6.04	5.94	6.14
Endosulfan II	6.76	6.76	6.76	6.76	6.75	6.75	6.65	6.85
Endosulfan sulfate	7.12	7.12	7.12	7.12	7.12	7.12	7.02	7.22
Endrin	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Endrin aldehyde	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Endrin ketone	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
gamma-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
Heptachlor	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Heptachlor epoxide	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Methoxychlor	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.53	3.53	3.43	3.63

Calibration Times: 16:52 17:47

LAB FILE ID: RT 100 = PL096596.D RT 075 = PL096597.D
RT 050 = PL096598.D RT 025 = PL096599.D RT 005 = PL096600.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: BAPS03
SDG NO.: Q2892

Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:		CF 100 =	<u>PL096596.D</u>	CF 075 =	<u>PL096597.D</u>		
CF 050 =		<u>PL096598.D</u>	CF 025 =	<u>PL096599.D</u>	CF 005 =	<u>PL096600.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2615150000	2542280000	2523890000	2500980000	2459540000	2528370000	2
4,4'-DDE	3382020000	3179740000	3147240000	3113410000	3233830000	3211250000	3
4,4'-DDT	2980050000	2901890000	2884740000	2837350000	2734400000	2867690000	3
Aldrin	4418080000	4273520000	4268380000	4243090000	4301950000	4301000000	2
alpha-BHC	4873630000	4685670000	4645170000	4549100000	4378210000	4626350000	4
alpha-Chlordane	3883510000	3780330000	3801880000	3877780000	3929720000	3854650000	2
beta-BHC	1772460000	1750490000	1781040000	1856990000	1863870000	1804970000	3
Decachlorobiphenyl	2289370000	2250980000	2316430000	2450150000	2616360000	2384660000	6
delta-BHC	4161630000	4012240000	3978460000	3955030000	3841950000	3989860000	3
Dieldrin	3849470000	3737590000	3712880000	3678490000	3577310000	3711150000	3
Endosulfan I	3668500000	3524950000	3536580000	3570970000	3680850000	3596370000	2
Endosulfan II	3069420000	3008630000	3042800000	3175650000	3716720000	3202640000	9
Endosulfan sulfate	2875180000	2814890000	2851640000	2870280000	2956480000	2873690000	2
Endrin	3129990000	2990370000	2986700000	3066080000	2960790000	3026790000	2
Endrin aldehyde	2129160000	2102960000	2124970000	2164420000	2208060000	2145920000	2
Endrin ketone	3023290000	2975820000	3003920000	3029220000	3001370000	3006720000	1
gamma-BHC (Lindane)	4576650000	4410990000	4390520000	4378210000	4360850000	4423440000	2
gamma-Chlordane	3912350000	3800880000	3800750000	3806650000	3705560000	3805240000	2
Heptachlor	4215340000	4096230000	4129500000	4154230000	4183150000	4155690000	1
Heptachlor epoxide	3888140000	3791890000	3847180000	3911860000	3843640000	3856540000	1
Methoxychlor	1449590000	1444460000	1478010000	1507550000	1462160000	1468350000	2
Tetrachloro-m-xylene	3176500000	3106160000	3136600000	3226680000	3257980000	3180780000	2



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: BAPS03
SDG NO.: Q2892

Calibration Date(s): 07/28/2025 07/28/2025
Calibration Times: 16:52 17:47

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

LAB FILE ID:		CF 100 =	PL096596.D	CF 075 =	PL096597.D		
CF 050 =		PL096598.D	CF 025 =	PL096599.D	CF 005 =	PL096600.D	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4739770000	4648800000	4693360000	4702740000	4741750000	4705280000	1
4,4'-DDE	5653430000	5561070000	5540610000	5437860000	5379080000	5514410000	2
4,4'-DDT	5212890000	5114220000	5118490000	5045850000	4800030000	5058300000	3
Aldrin	6310530000	6202530000	6230090000	6182780000	6109380000	6207060000	1
alpha-BHC	7308810000	7159610000	7137170000	7045380000	6734230000	7077040000	3
alpha-Chlordane	5806170000	5731520000	5800200000	5896310000	6260360000	5898910000	4
beta-BHC	2740170000	2730810000	2782730000	2873420000	2977360000	2820900000	4
Decachlorobiphenyl	4108230000	4098750000	4223500000	4429960000	4831160000	4338320000	7
delta-BHC	6621180000	6509520000	6495090000	6469880000	6272460000	6473630000	2
Dieldrin	5973840000	5884270000	5897970000	5923090000	5853560000	5906550000	1
Endosulfan I	5357100000	5308830000	5362730000	5541910000	6086480000	5531410000	6
Endosulfan II	5116760000	5062950000	5122660000	5175210000	5203600000	5136240000	1
Endosulfan sulfate	5007540000	4977340000	5062730000	5135950000	5247510000	5086210000	2
Endrin	5415430000	5344790000	5376200000	5344400000	5549010000	5405970000	2
Endrin aldehyde	3589550000	3619430000	3751370000	3952130000	5791870000	4140870000	23
Endrin ketone	5489410000	5439780000	5529300000	5876580000	5513690000	5569750000	3
gamma-BHC (Lindane)	6730030000	6610730000	6634310000	6589530000	6452200000	6603360000	2
gamma-Chlordane	5958660000	5857990000	5898300000	5915340000	5770280000	5880110000	1
Heptachlor	6694450000	6605950000	6658580000	6695280000	6655490000	6661950000	1
Heptachlor epoxide	5706360000	5635230000	5698940000	5730960000	5785230000	5711340000	1
Methoxychlor	2677460000	2673930000	2731560000	2788840000	2830690000	2740500000	3
Tetrachloro-m-xylene	4740810000	4674260000	4731000000	4815490000	4927290000	4777770000	2



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG NO.: Q2892

Instrument ID: ECD_L Date(s) Analyzed: 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.21	6.11	6.31	29153500
		2	6.61	6.51	6.71	24445000
		3	7.02	6.92	7.12	110273000
		4	7.11	7.01	7.21	81046400
		5	7.89	7.79	7.99	57873100



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: BAPS03

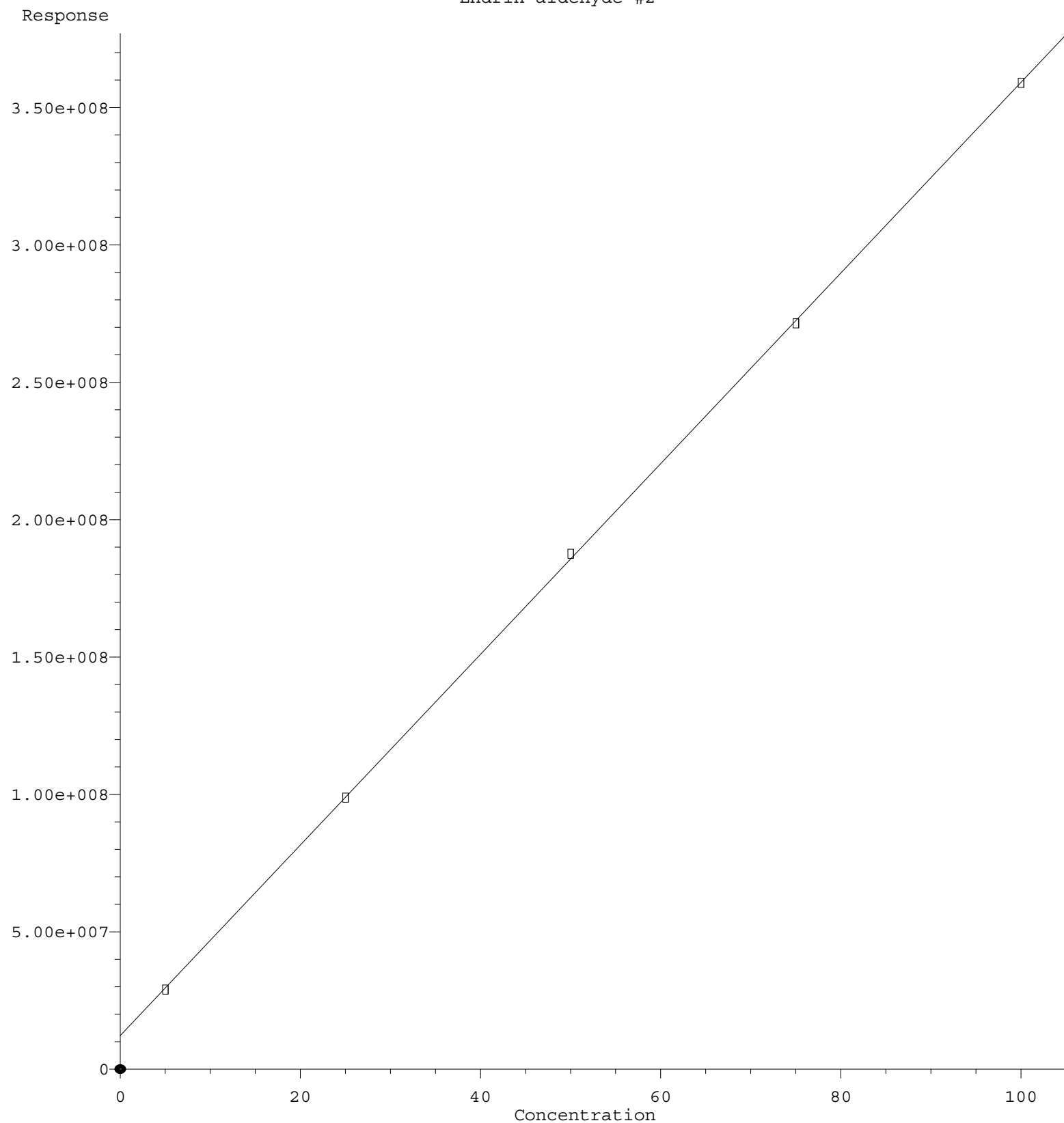
Lab Code: ACE SDG NO.: Q2892

Instrument ID: ECD_L Date(s) Analyzed: 07/28/2025 07/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.07	4.97	5.17	34047600
		2	5.76	5.66	5.86	44078700
		3	6.04	5.94	6.14	44632800
		4	6.67	6.57	6.77	147063000
		5	7.11	7.01	7.21	92006100

Endrin aldehyde #2



Response = 3.469e+006 * Amt + 1.224e+007
Coef of Det (r^2) = 0.999929 Curve Fit: Linear
Method Name: Z:\pestpcbsrv\HPCHEM1\ECD L\methods\PL072825.M
Calibration Table Last Updated: Fri Aug 08 15:43:38 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 16:52
 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: Jul 29 07:44:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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...	3.535	2.828	317.6E6	474.1E6	101.272	100.207
2)	SA Decachlor...	9.015	7.992	228.9E6	410.8E6	98.832	97.271
Target Compounds							
2)	A alpha-BHC	3.983	3.333	487.4E6	730.9E6	104.918	102.405
3)	MA gamma-BHC...	4.311	3.665	457.7E6	673.0E6	104.239	101.443
4)	MA Heptachlor	4.903	4.014	421.5E6	669.4E6	102.079	100.539
5)	MB Aldrin	5.243	4.297	441.8E6	631.1E6	103.507	101.291
6)	B beta-BHC	4.497	3.962	177.2E6	274.0E6	99.519	98.471
7)	B delta-BHC	4.743	4.195	416.2E6	662.1E6	104.604	101.941
8)	B Heptachlo...	5.663	4.799	388.8E6	570.6E6	101.065	100.130
9)	A Endosulfan I	6.044	5.170	366.8E6	535.7E6	103.730	99.895
10)	B gamma-Chl...	5.916	5.051	391.2E6	595.9E6	102.936	101.023
11)	B alpha-Chl...	5.997	5.115	388.4E6	580.6E6	102.147	100.103
12)	B 4,4'-DDE	6.167	5.304	338.2E6	565.3E6	107.460	102.036
13)	MA Dieldrin	6.316	5.435	384.9E6	597.4E6	103.679	101.286
14)	MA Endrin	6.543	5.709	313.0E6	541.5E6	104.797	100.730
15)	B Endosulfa...	6.755	6.001	306.9E6	511.7E6	100.875	99.885
16)	A 4,4'-DDD	6.676	5.857	261.5E6	474.0E6	103.616	100.989
17)	MA 4,4'-DDT	6.989	6.109	298.0E6	521.3E6	103.304	101.844
18)	B Endrin al...	6.883	6.179	212.9E6	359.0E6	100.197	95.686
19)	B Endosulfa...	7.118	6.403	287.5E6	500.8E6	100.826	98.910
20)	A Methoxychlor	7.462	6.681	145.0E6	267.7E6	98.077	98.019
21)	B Endrin ke...	7.597	6.907	302.3E6	548.9E6	100.645	99.278
22)	Mirex	8.076	7.098	237.9E6	412.0E6	97.547	96.837

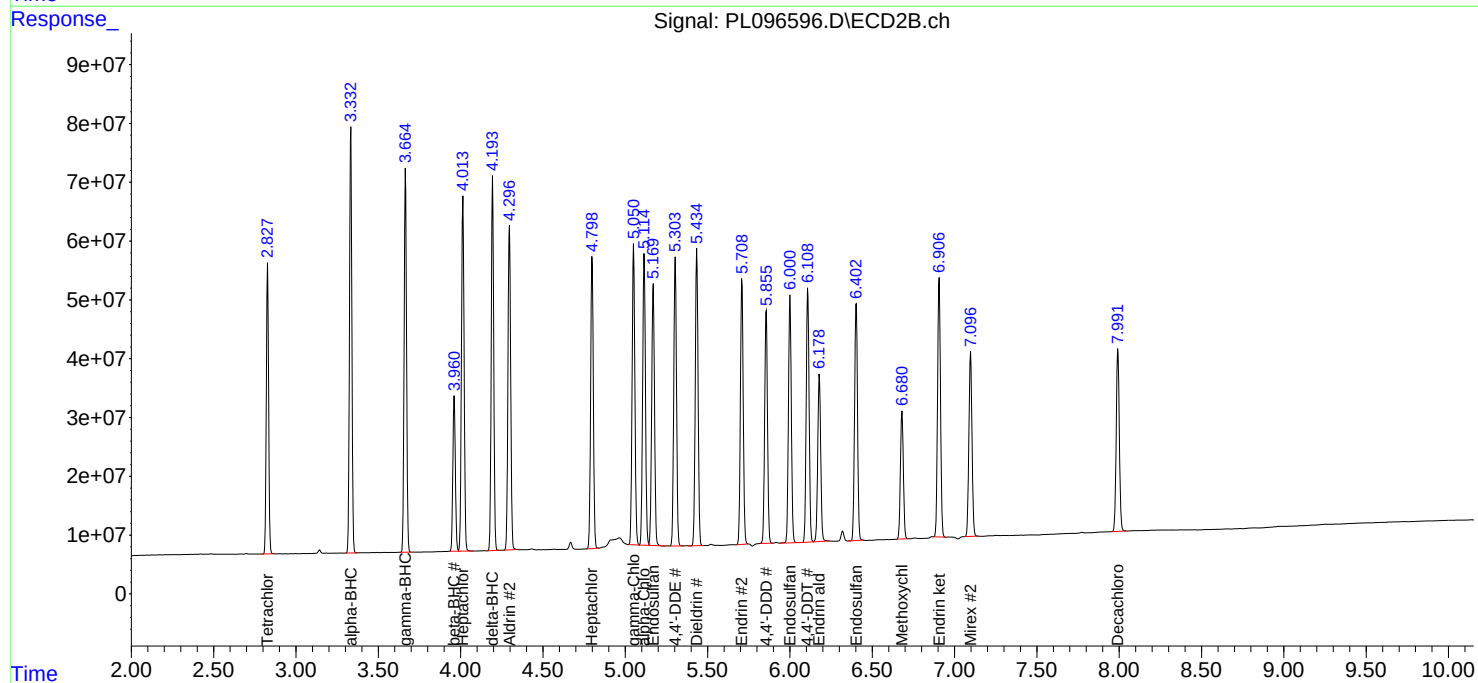
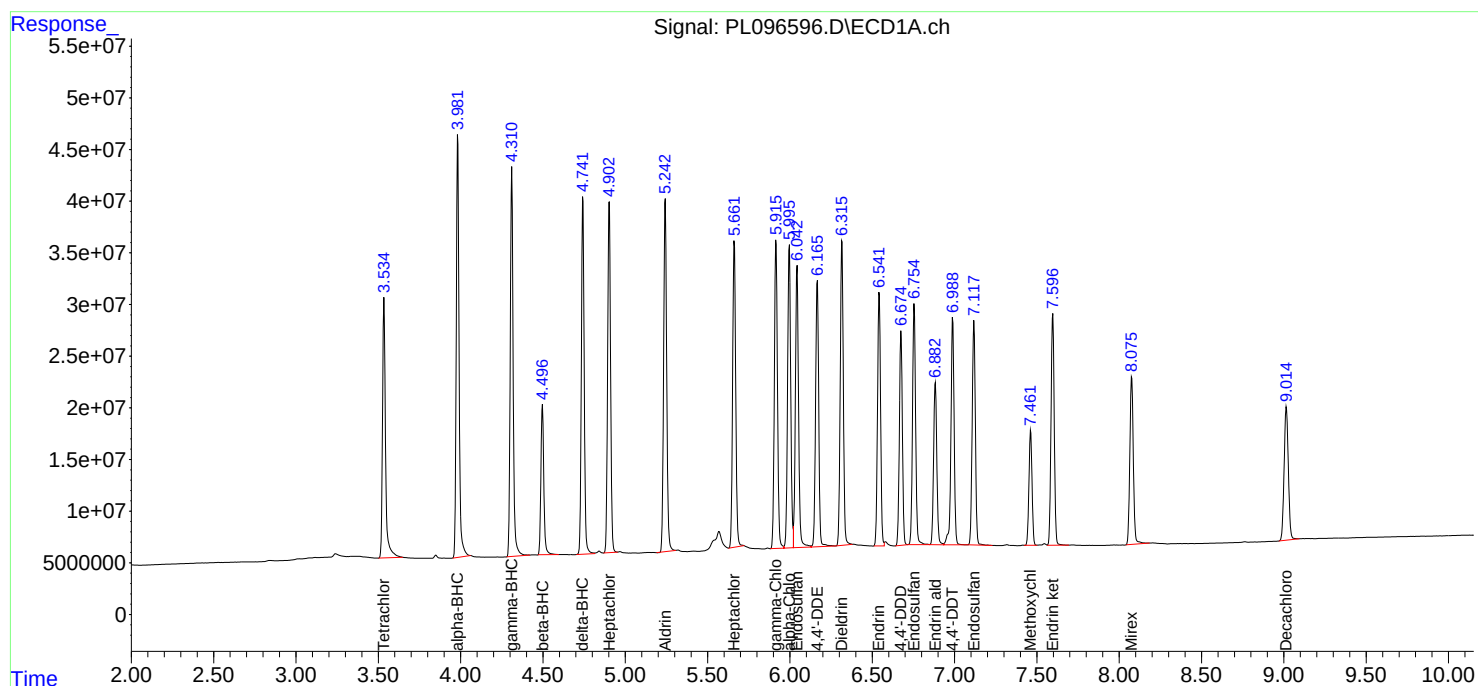
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 16:52
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: Jul 29 07:44:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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\PL072825\
 Data File : PL096597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:06
 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: Jul 29 07:45:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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...	3.535	2.828	233.0E6	350.6E6	74.272	74.101
28)	SA Decachlor...	9.016	7.992	168.8E6	307.4E6	72.881	72.785
Target Compounds							
2)	A alpha-BHC	3.983	3.334	351.4E6	537.0E6	75.654	75.236
3)	MA gamma-BHC...	4.311	3.665	330.8E6	495.8E6	75.350	74.733
4)	MA Heptachlor	4.903	4.014	307.2E6	495.4E6	74.396	74.407
5)	MB Aldrin	5.243	4.297	320.5E6	465.2E6	75.090	74.668
6)	B beta-BHC	4.497	3.961	131.3E6	204.8E6	73.714	73.601
7)	B delta-BHC	4.743	4.195	300.9E6	488.2E6	75.637	75.167
8)	B Heptachlo...	5.662	4.799	284.4E6	422.6E6	73.922	74.162
9)	A Endosulfan I	6.044	5.170	264.4E6	398.2E6	74.753	74.246
10)	B gamma-Chl...	5.916	5.051	285.1E6	439.3E6	75.003	74.487
11)	B alpha-Chl...	5.996	5.115	283.5E6	429.9E6	74.575	74.112
12)	B 4,4'-DDE	6.167	5.304	238.5E6	417.1E6	75.774	75.277
13)	MA Dieldrin	6.316	5.435	280.3E6	441.3E6	75.499	74.826
14)	MA Endrin	6.543	5.709	224.3E6	400.9E6	75.092	74.562
15)	B Endosulfa...	6.755	6.001	225.6E6	379.7E6	74.158	74.126
16)	A 4,4'-DDD	6.675	5.857	190.7E6	348.7E6	75.547	74.288
17)	MA 4,4'-DDT	6.990	6.109	217.6E6	383.6E6	75.446	74.937
18)	B Endrin al...	6.884	6.179	157.7E6	271.5E6	74.223	72.362
19)	B Endosulfa...	7.118	6.403	211.1E6	373.3E6	74.033	73.735
20)	A Methoxychlor	7.462	6.681	108.3E6	200.5E6	73.298	73.418
21)	B Endrin ke...	7.597	6.907	223.2E6	408.0E6	74.299	73.786
22)	Mirex	8.076	7.098	177.1E6	309.7E6	72.625	72.793

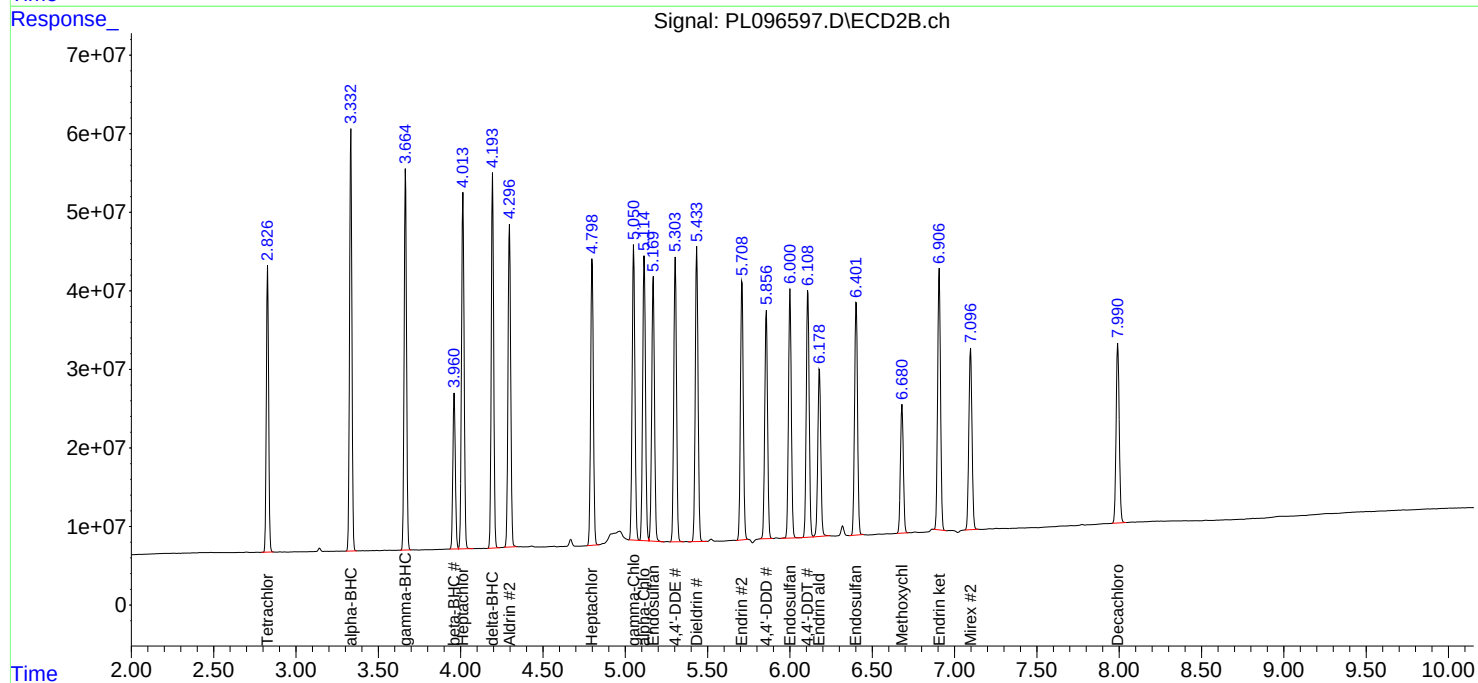
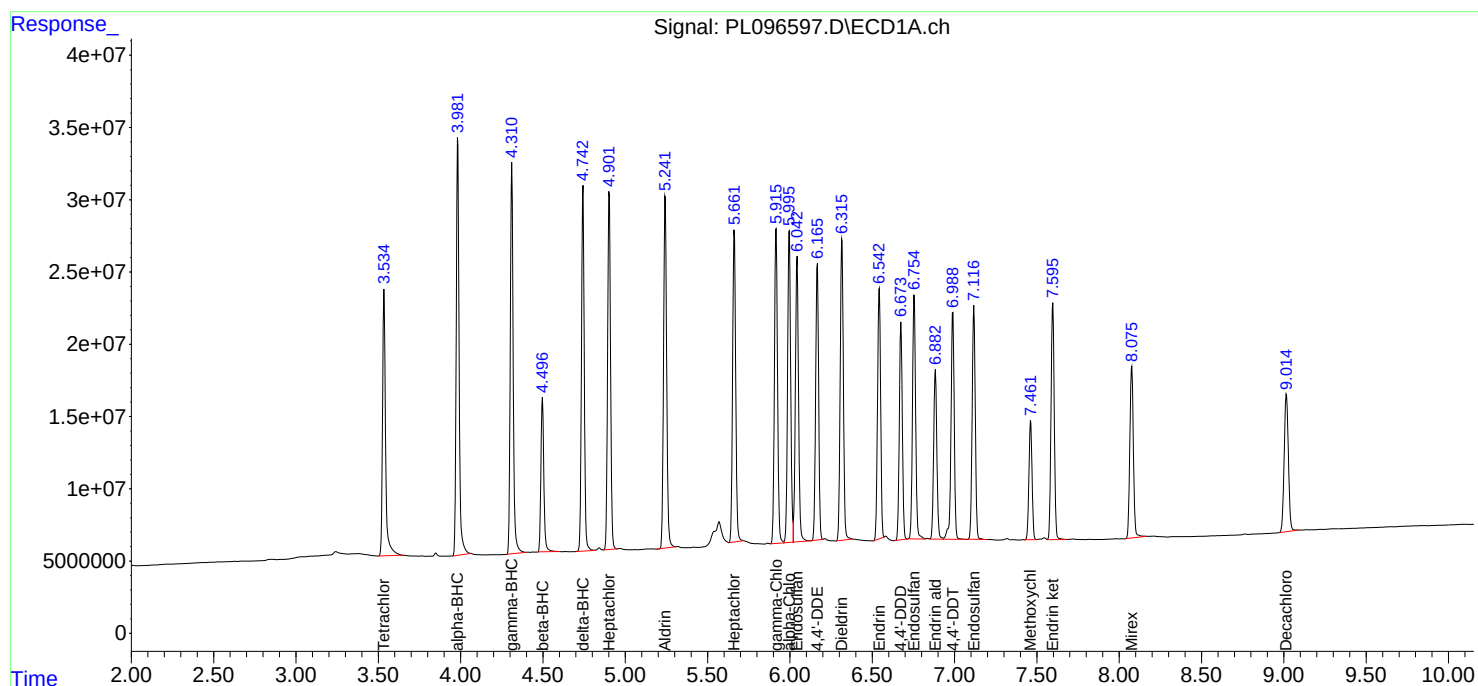
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:06
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: Jul 29 07:45:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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\PL072825\
 Data File : PL096598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:19
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 07:45:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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...	3.535	2.828	156.8E6	236.5E6	50.000	50.000
28)	SA Decachlor...	9.016	7.992	115.8E6	211.2E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.982	3.333	232.3E6	356.9E6	50.000	50.000
3)	MA gamma-BHC...	4.310	3.665	219.5E6	331.7E6	50.000	50.000
4)	MA Heptachlor	4.903	4.014	206.5E6	332.9E6	50.000	50.000
5)	MB Aldrin	5.243	4.297	213.4E6	311.5E6	50.000	50.000
6)	B beta-BHC	4.497	3.961	89051761	139.1E6	50.000	50.000
7)	B delta-BHC	4.743	4.195	198.9E6	324.8E6	50.000	50.000
8)	B Heptachlo...	5.662	4.799	192.4E6	284.9E6	50.000	50.000
9)	A Endosulfan I	6.044	5.169	176.8E6	268.1E6	50.000	50.000
10)	B gamma-Chl...	5.916	5.051	190.0E6	294.9E6	50.000	50.000
11)	B alpha-Chl...	5.997	5.115	190.1E6	290.0E6	50.000	50.000
12)	B 4,4'-DDE	6.166	5.304	157.4E6	277.0E6	50.000	50.000
13)	MA Dieldrin	6.316	5.434	185.6E6	294.9E6	50.000	50.000
14)	MA Endrin	6.542	5.709	149.3E6	268.8E6	50.000	50.000
15)	B Endosulfa...	6.755	6.001	152.1E6	256.1E6	50.000	50.000
16)	A 4,4'-DDD	6.675	5.856	126.2E6	234.7E6	50.000	50.000
17)	MA 4,4'-DDT	6.989	6.109	144.2E6	255.9E6	50.000	50.000
18)	B Endrin al...	6.884	6.179	106.2E6	187.6E6	50.000	50.000
19)	B Endosulfa...	7.118	6.402	142.6E6	253.1E6	50.000	50.000
20)	A Methoxychlor	7.462	6.681	73900571	136.6E6	50.000	50.000
21)	B Endrin ke...	7.597	6.907	150.2E6	276.5E6	50.000	50.000
22)	Mirex	8.076	7.097	121.9E6	212.7E6	50.000	50.000

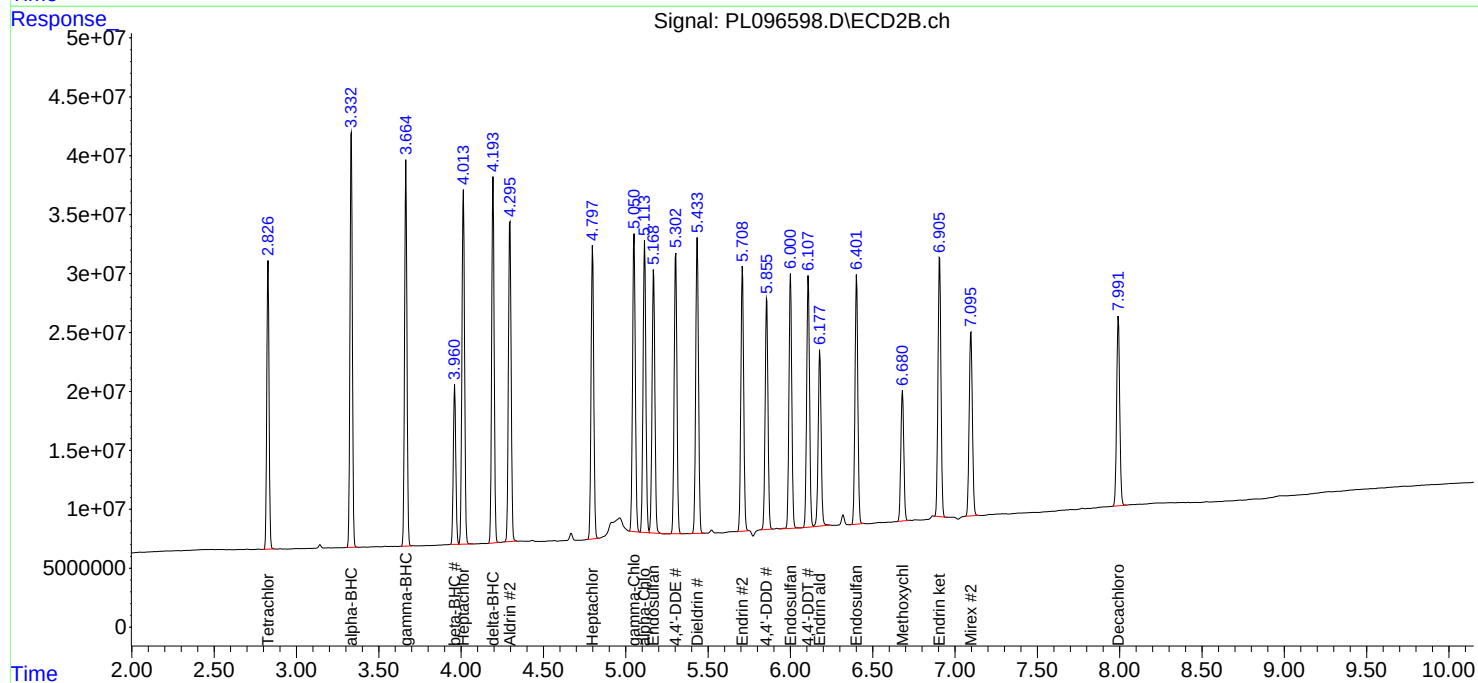
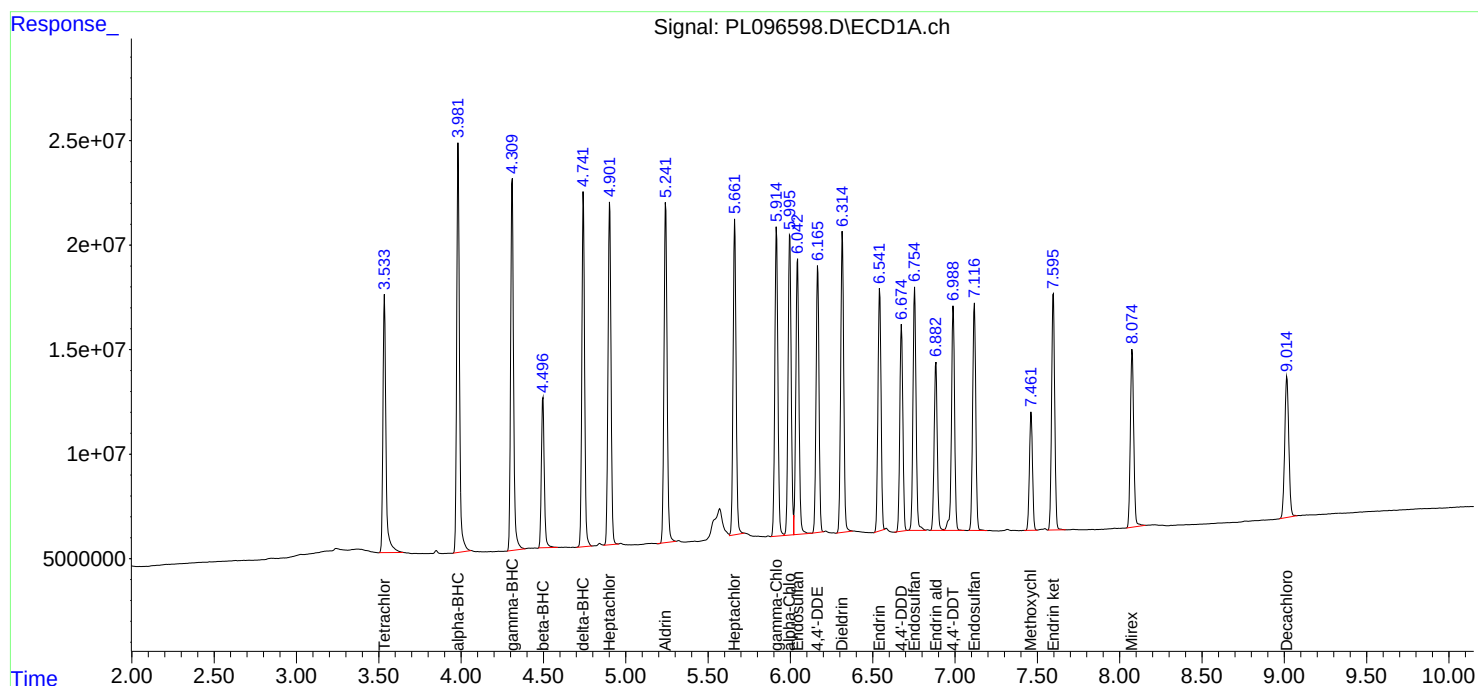
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:19
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 07:45:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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\PL072825\
 Data File : PL096599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:33
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 07:45:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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...	3.535	2.828	80667083	120.4E6	25.718	25.447
28)	SA Decachlor...	9.016	7.992	61253778	110.7E6	26.443	26.222
Target Compounds							
2)	A alpha-BHC	3.983	3.333	113.7E6	176.1E6	24.483	24.678
3)	MA gamma-BHC...	4.311	3.665	109.5E6	164.7E6	24.930	24.831
4)	MA Heptachlor	4.903	4.014	103.9E6	167.4E6	25.150	25.138
5)	MB Aldrin	5.242	4.297	106.1E6	154.6E6	24.852	24.810
6)	B beta-BHC	4.497	3.961	46424655	71835591	26.066	25.815
7)	B delta-BHC	4.743	4.195	98875722	161.7E6	24.853	24.903
8)	B Heptachlo...	5.662	4.799	97796537	143.3E6	25.420	25.140
9)	A Endosulfan I	6.044	5.170	89274310	138.5E6	25.243	25.835
10)	B gamma-Chl...	5.916	5.051	95166219	147.9E6	25.039	25.072
11)	B alpha-Chl...	5.996	5.115	96944619	147.4E6	25.499	25.414
12)	B 4,4'-DDE	6.166	5.303	77835138	135.9E6	24.731	24.536
13)	MA Dieldrin	6.316	5.434	91962286	148.1E6	24.768	25.106
14)	MA Endrin	6.542	5.709	76652120	133.6E6	25.664	24.852
15)	B Endosulfa...	6.755	6.001	79391270	129.4E6	26.092	25.256
16)	A 4,4'-DDD	6.675	5.856	62524397	117.6E6	24.773	25.050
17)	MA 4,4'-DDT	6.989	6.109	70933756	126.1E6	24.589	24.645
18)	B Endrin al...	6.884	6.177	54110594	98803191	25.464	26.338m
19)	B Endosulfa...	7.117	6.403	71756969	128.4E6	25.163	25.362
20)	A Methoxychlor	7.462	6.681	37688830	69721101	25.500	25.524
21)	B Endrin ke...	7.597	6.905	75730573	146.9E6	25.211	26.570m
22)	Mirex	8.076	7.097	63693911	111.6E6	26.118	26.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:33
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

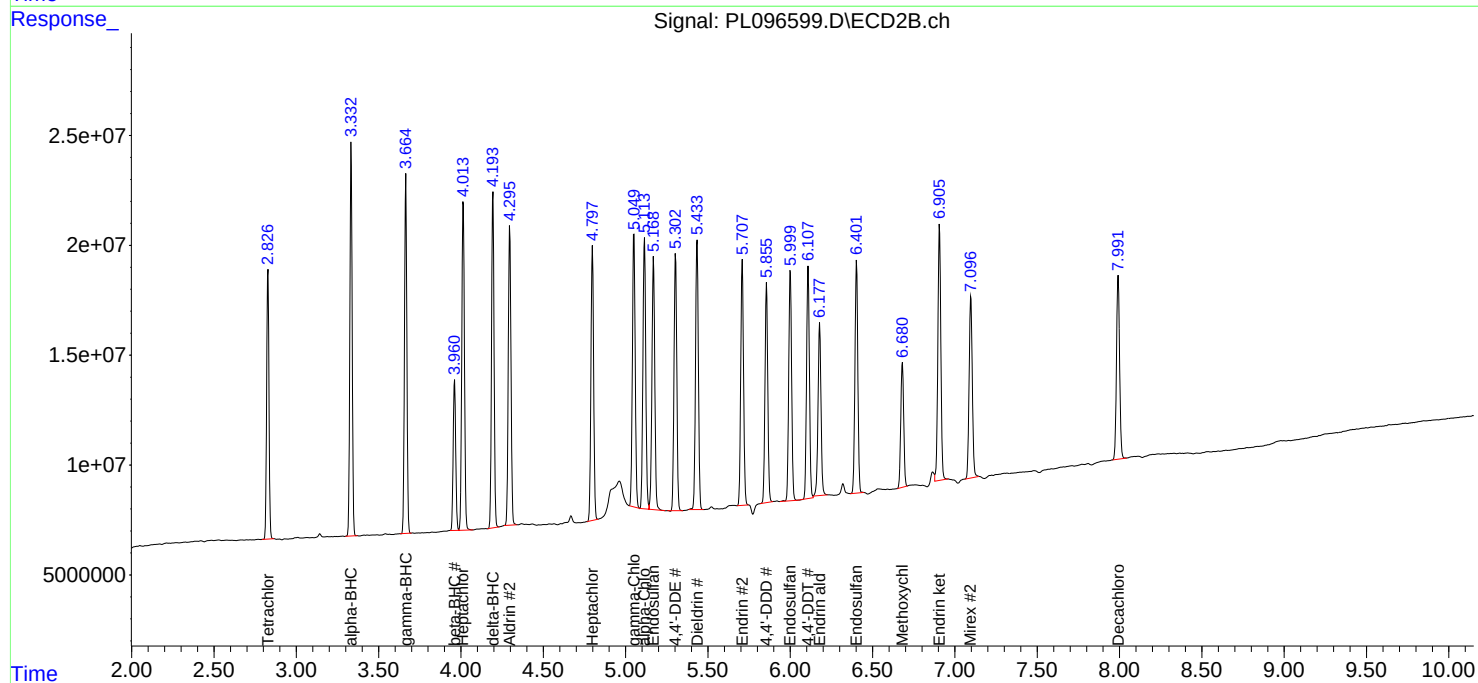
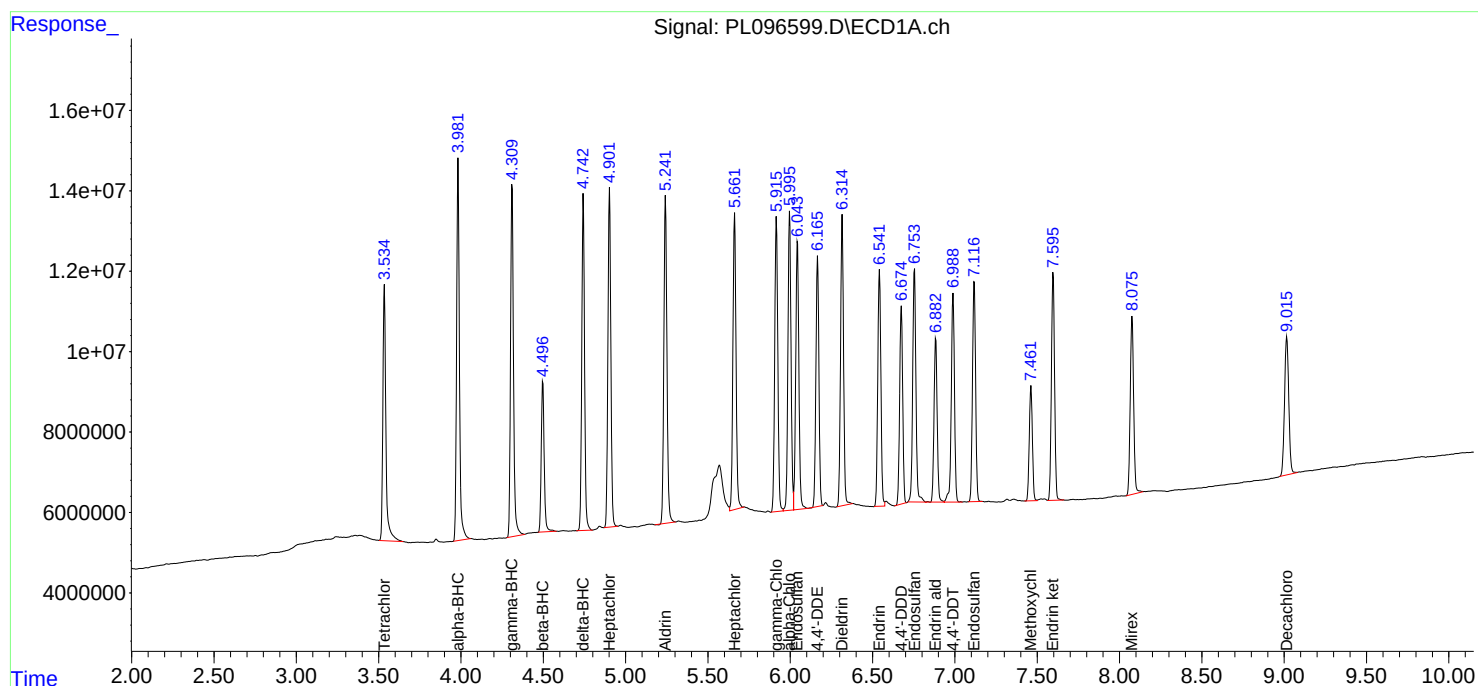
APPROVED

Reviewed By :Abdul Mirza 07/29/2025

Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 07:45:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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\PL072825\
 Data File : PL096600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:47
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 07:45:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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...	3.534	2.827	16289913	24636469	5.193	5.207
28)	SA Decachlor...	9.016	7.992	13081800	24155779	5.647	5.719
Target Compounds							
2)	A alpha-BHC	3.981	3.333	21891026	33671129	4.713	4.718
3)	MA gamma-BHC...	4.310	3.664	21804234	32260997	4.966	4.863
4)	MA Heptachlor	4.901	4.013	20915741	33277461	5.065m	4.998
5)	MB Aldrin	5.240	4.296	21509762	30546909	5.039m	4.903
6)	B beta-BHC	4.497	3.961	9319336	14886777	5.233	5.350
7)	B delta-BHC	4.742	4.194	19209773	31362311	4.828	4.829
8)	B Heptachlo...	5.660	4.798	19218202	28926139	4.995m	5.076
9)	A Endosulfan I	6.043	5.169	18404240	30432392	5.204	5.675
10)	B gamma-Chl...	5.915	5.050	18527805	28851412	4.875	4.891
11)	B alpha-Chl...	5.996	5.115	19648624	31301796	5.168	5.397
12)	B 4,4'-DDE	6.165	5.303	16169148	26895387	5.138	4.854
13)	MA Dieldrin	6.315	5.434	17886564	29267822	4.817	4.962
14)	MA Endrin	6.541	5.709	14803966	27745055	4.957	5.161
15)	B Endosulfa...	6.753	6.000	18583621	26018008	6.107m	5.079
16)	A 4,4'-DDD	6.674	5.856	12297723	23708739	4.873	5.052
17)	MA 4,4'-DDT	6.989	6.108	13672011	24000169	4.739	4.689
18)	B Endrin al...	6.884	6.177	11040304	28959356	5.195	7.720m#
19)	B Endosulfa...	7.117	6.402	14782385	26237528	5.184	5.182
20)	A Methoxychlor	7.462	6.681	7310793	14153462	4.946	5.181
21)	B Endrin ke...	7.597	6.907	15006830	27568439	4.996	4.986
22)	Mirex	8.076	7.097	13350221	24190284	5.474	5.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:47
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

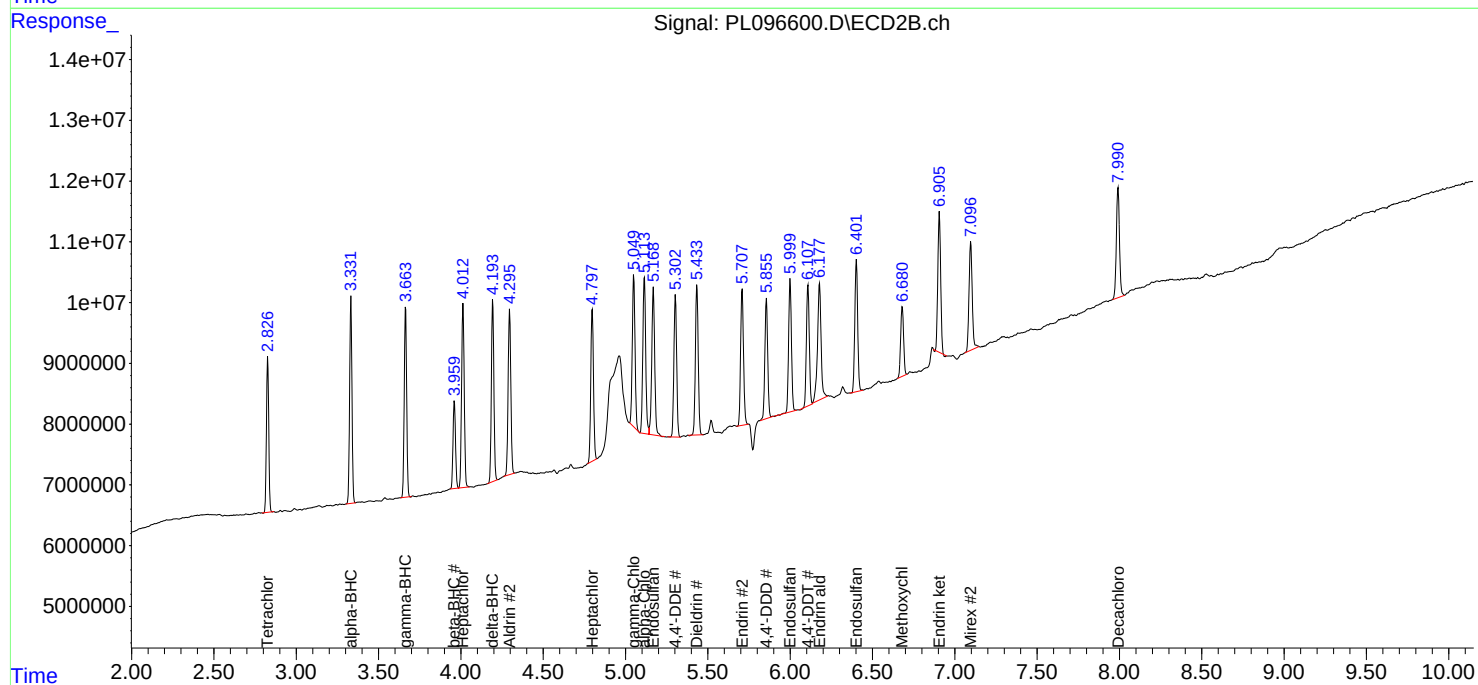
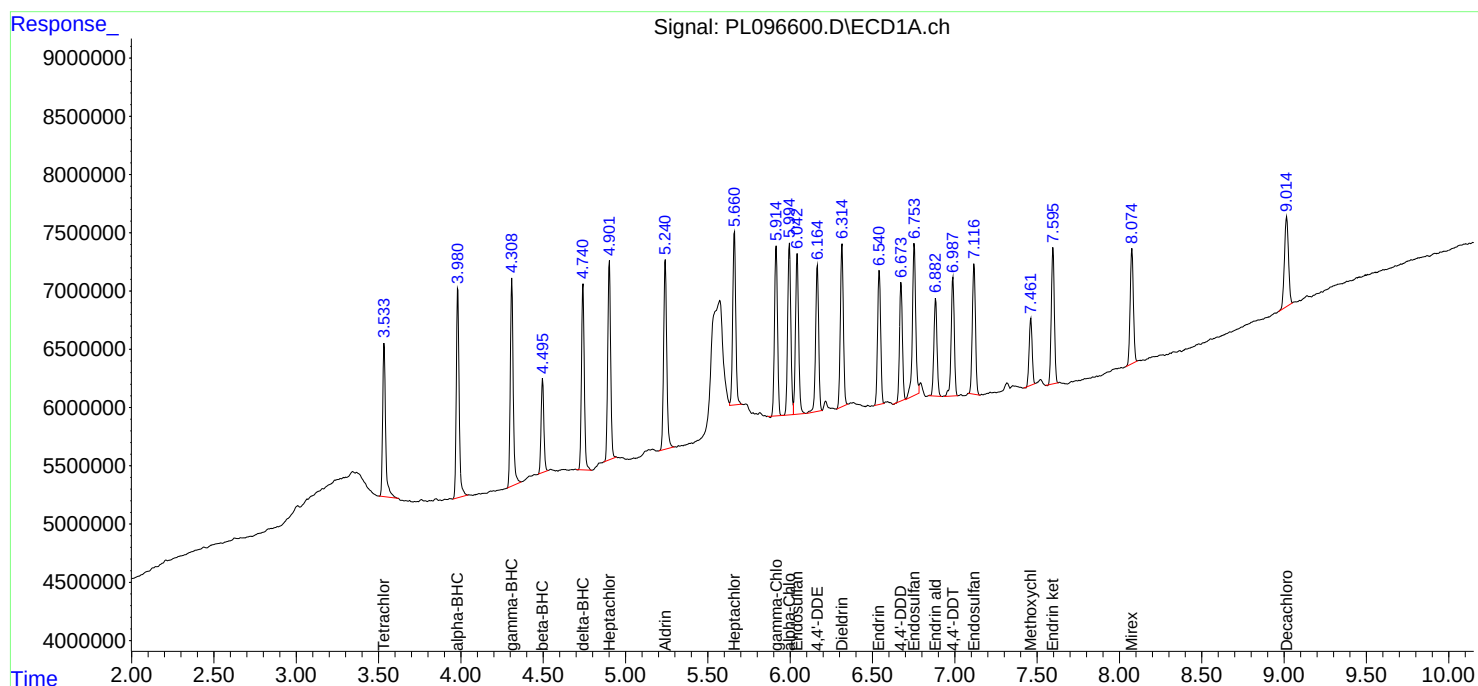
APPROVED

Reviewed By :Abdul Mirza 07/29/2025

Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 07:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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\PL072825\
 Data File : PL096603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 18:27
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:11:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:08:04 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...	3.535	2.827	154.7E6	305.4E6	50.000	50.000
28)	SA Decachlor...	9.015	7.991	113.6E6	210.4E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.689	3.838	80999277	100.1E6	500.000	500.000
24)	Chlordane-2	5.213	4.418	83409909	115.0E6	500.000	500.000
25)	Chlordane-3	5.917	5.052	326.5E6	336.1E6	500.000	500.000
26)	Chlordane-4	6.001	5.115	403.5E6	300.6E6	500.000	500.000
27)	Chlordane-5	6.838	6.009	63996555	122.4E6	500.000	500.000

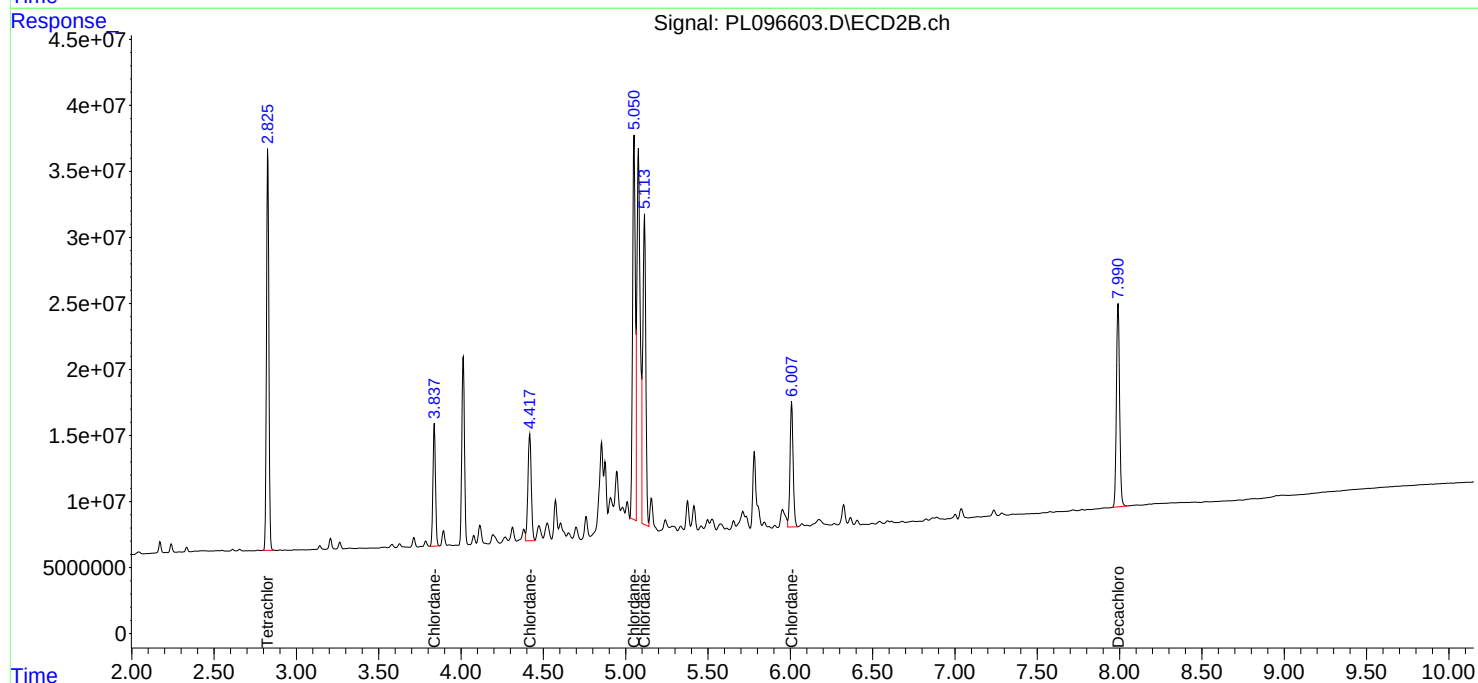
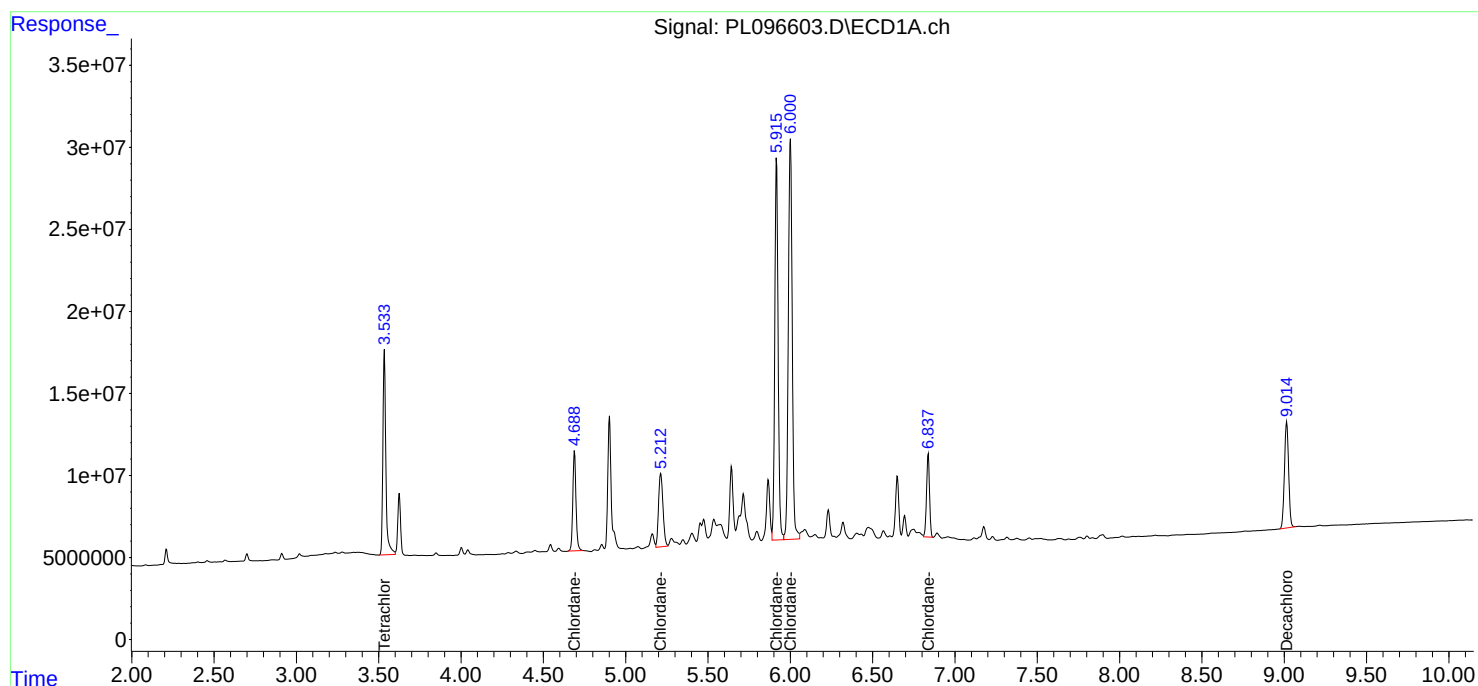
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 18:27
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:11:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:08:04 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\PL072825\
 Data File : PL096608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 19:36
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:35:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:34:10 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...	3.535	2.828	165.3E6	248.4E6	50.000	50.000
7) SA Decachlor...	9.015	7.992	122.2E6	228.1E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.211	5.073	14576752	17023794	500.000	500.000
3) Toxaphene-2	6.610	5.758	12222511	22039332	500.000	500.000
4) Toxaphene-3	7.024	6.039	55136340	22316397	500.000	500.000
5) Toxaphene-4	7.114	6.673	40523177	73531411	500.000	500.000
6) Toxaphene-5	7.892	7.114	28936559	46003063	500.000	500.000

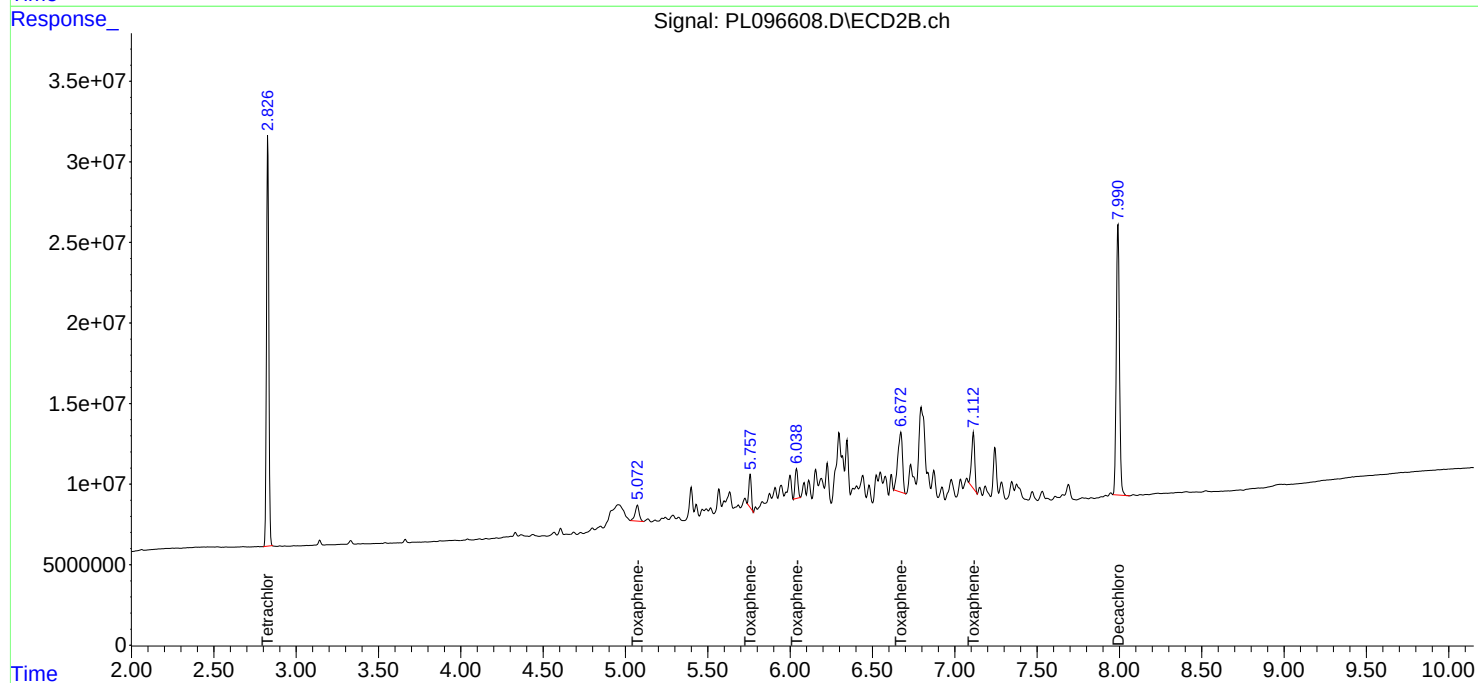
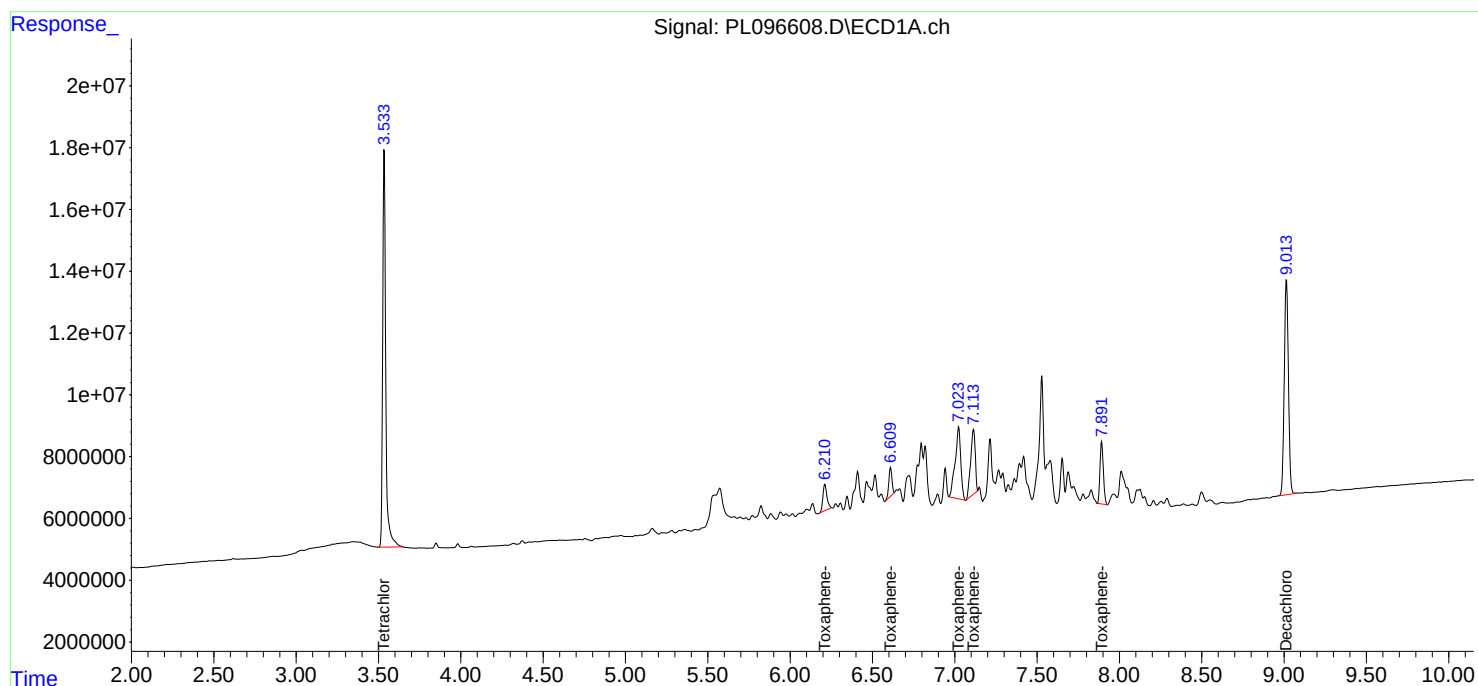
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 19:36
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:35:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:34:10 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\PL072825\
 Data File : PL096611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 20:17
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL072825

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/29/2025
 Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:47:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:20:04 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...	3.535	2.828	161.0E6	247.3E6	50.630	51.756
28)	SA Decachlor...	9.015	7.992	117.1E6	221.9E6	49.100	51.159
Target Compounds							
2)	A alpha-BHC	3.983	3.334	237.2E6	373.0E6	51.282	52.705
3)	MA gamma-BHC...	4.311	3.666	223.6E6	346.0E6	50.545	52.400
4)	MA Heptachlor	4.903	4.014	211.3E6	346.4E6	50.843	51.992
5)	MB Aldrin	5.243	4.297	215.6E6	324.1E6	50.122	52.220
6)	B beta-BHC	4.497	3.961	91859349	145.4E6	50.893	51.555
7)	B delta-BHC	4.742	4.195	202.5E6	338.7E6	50.758m	52.325
8)	B Heptachlo...	5.662	4.799	194.2E6	295.6E6	50.346	51.754
9)	A Endosulfan I	6.044	5.170	178.4E6	277.2E6	49.613	50.116
10)	B gamma-Chl...	5.916	5.051	193.4E6	305.7E6	50.837	51.997
11)	B alpha-Chl...	5.996	5.115	191.7E6	300.1E6	49.735	50.869
12)	B 4,4'-DDE	6.166	5.304	158.1E6	286.3E6	49.223	51.924
13)	MA Dieldrin	6.316	5.435	186.8E6	306.3E6	50.341	51.858
14)	MA Endrin	6.543	5.709	147.3E6	272.8E6	48.674	50.462
15)	B Endosulfa...	6.755	6.001	158.8E6	265.2E6	49.582	51.632
16)	A 4,4'-DDD	6.675	5.856	126.9E6	242.0E6	50.209	51.423
17)	MA 4,4'-DDT	6.989	6.109	144.5E6	261.7E6	50.400	51.730
18)	B Endrin al...	6.883	6.179	108.5E6	197.4E6	50.570	53.386
19)	B Endosulfa...	7.117	6.402	143.9E6	262.8E6	50.068	51.670
20)	A Methoxychlor	7.462	6.681	74330342	140.5E6	50.622	51.276
21)	B Endrin ke...	7.597	6.907	153.3E6	289.7E6	50.977	52.006
22)	Mirex	8.076	7.097	123.5E6	221.2E6	49.793	50.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 20:17
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL072825

Manual Integrations

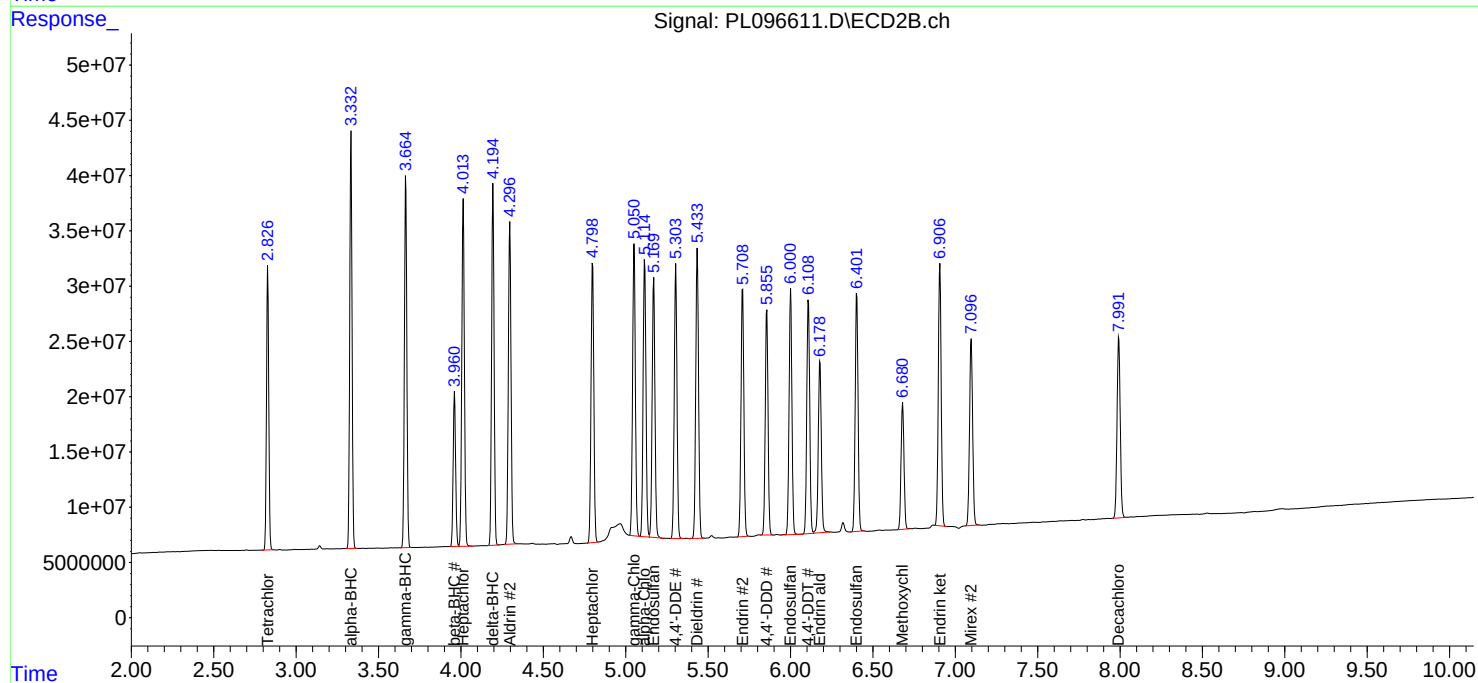
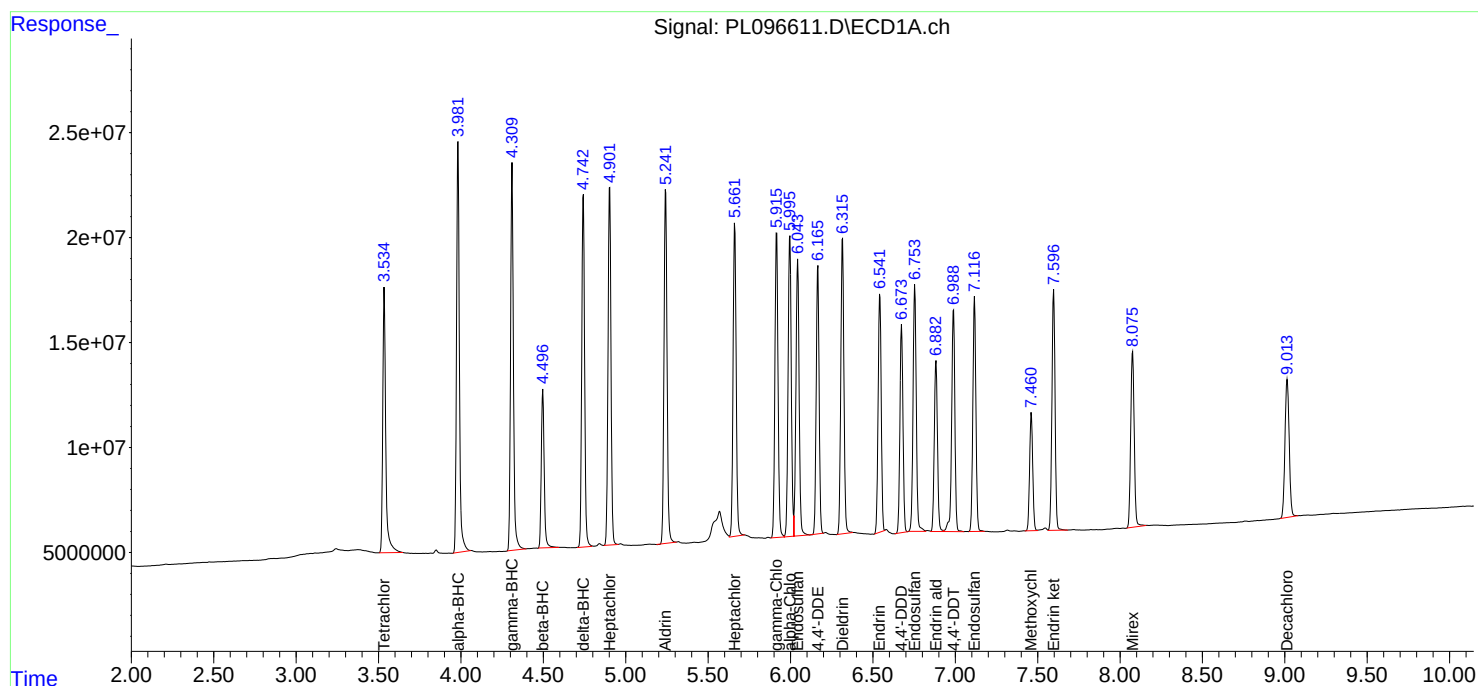
APPROVED

Reviewed By :Abdul Mirza 07/29/2025

Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:47:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:20:04 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\PL072825\
 Data File : PL096612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 20:30
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL072825CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:55:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:54:31 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...	3.535	2.827	154.8E6	316.7E6	47.871	49.966
28)	SA Decachlor...	9.015	7.992	113.5E6	222.0E6	47.145	49.453
Target Compounds							
23)	Chlordane-1	4.690	3.838	80607891	104.0E6	473.847	496.105
24)	Chlordane-2	5.213	4.418	83986656	119.9E6	479.905	494.099
25)	Chlordane-3	5.916	5.052	326.6E6	350.0E6	488.971	503.359
26)	Chlordane-4	6.001	5.115	403.7E6	311.5E6	487.701	500.585
27)	Chlordane-5	6.837	6.009	65027237	126.7E6	492.093	496.824

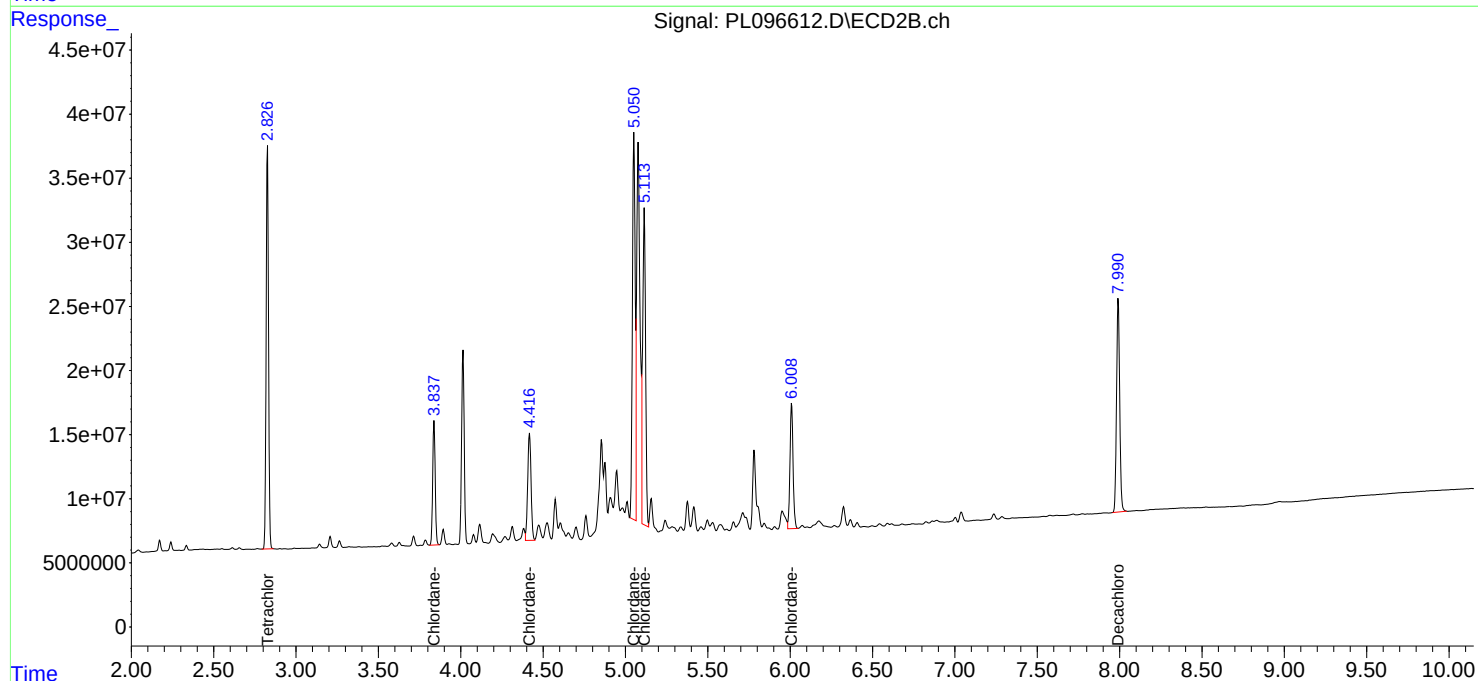
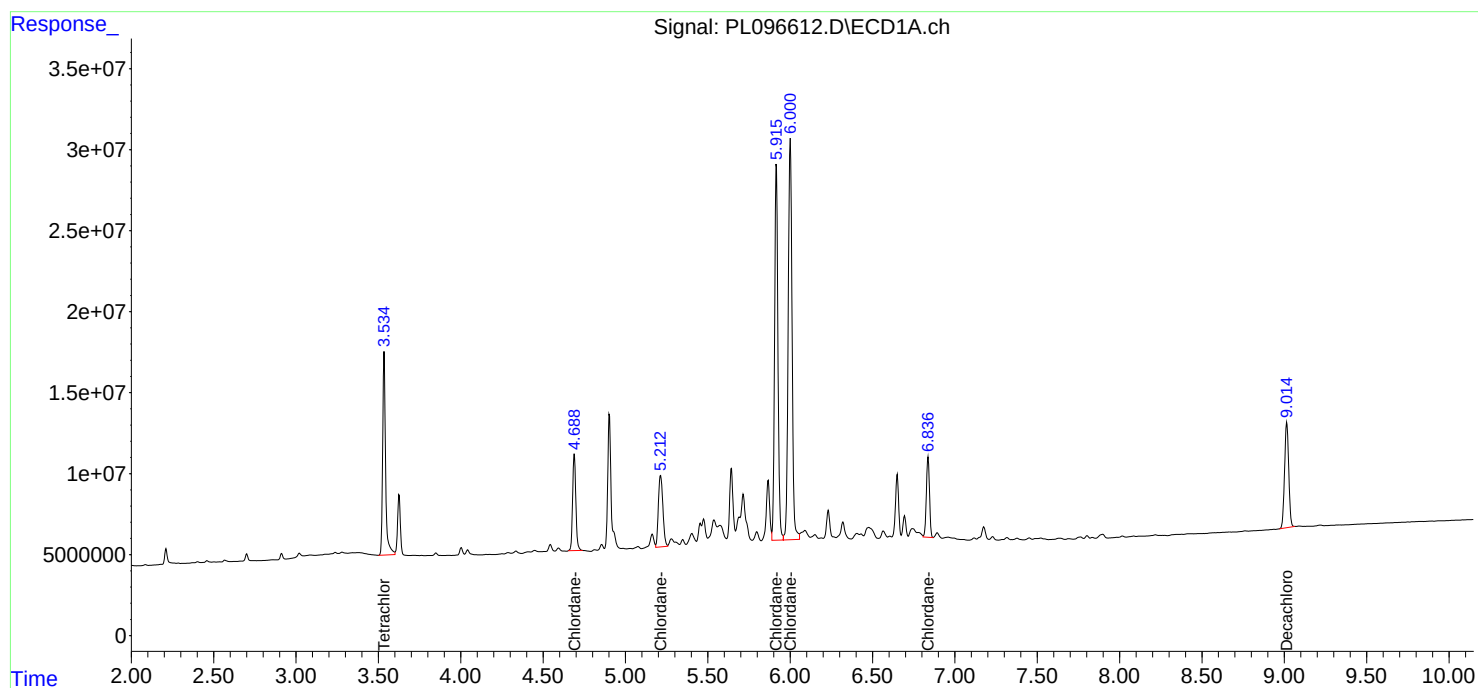
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 20:30
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL072825CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:55:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:54:31 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\PL072825\
 Data File : PL096613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 20:44
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL072825TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:34:10 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...	3.535	2.828	164.1E6	258.6E6	49.947	51.929
7)	SA Decachlor...	9.014	7.992	120.3E6	236.1E6	49.392	51.610
Target Compounds							
2)	Toxaphene-1	6.212	5.073	14190391	17789145	489.875	553.733
3)	Toxaphene-2	6.610	5.758	12405709	23067030	497.996	497.225
4)	Toxaphene-3	7.024	6.039	55105169	23947233	509.037	538.316
5)	Toxaphene-4	7.115	6.674	40563132	76066827	504.413	528.221
6)	Toxaphene-5	7.893	7.114	28221438	47221819	500.810	513.882

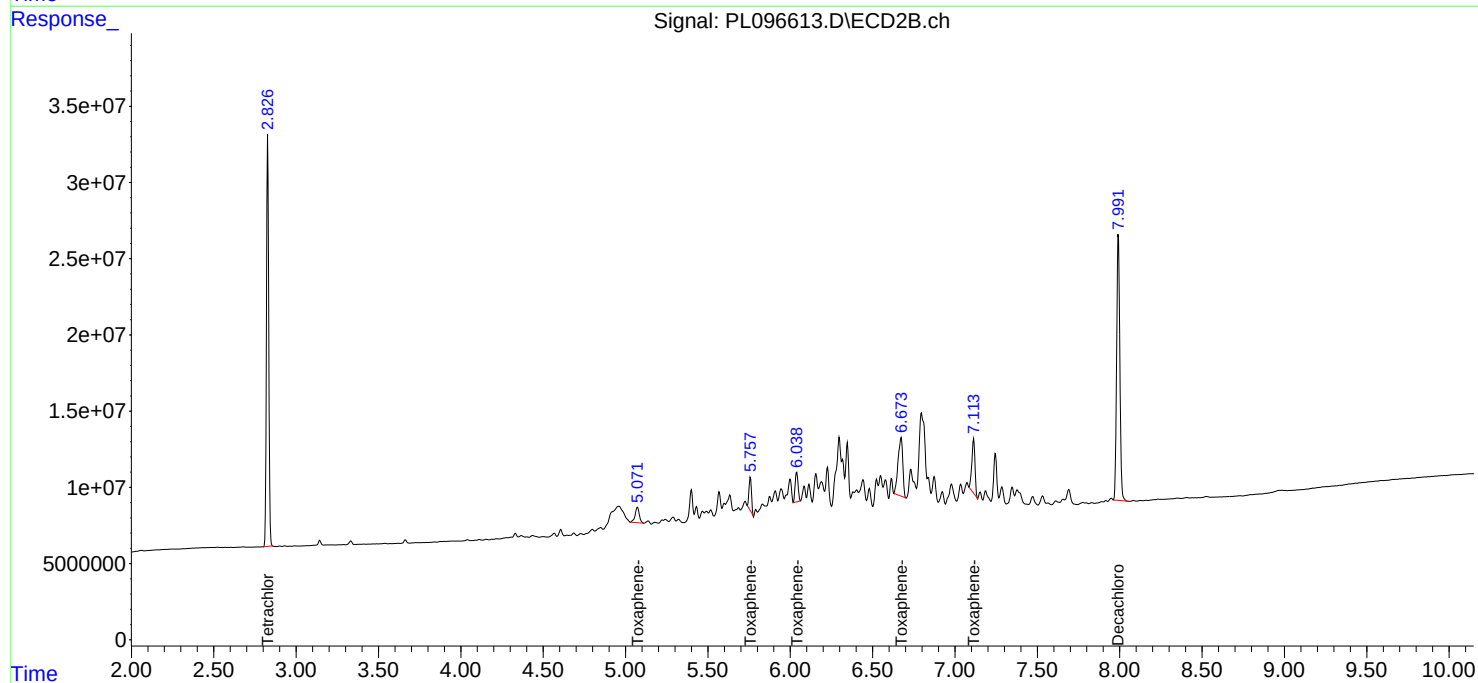
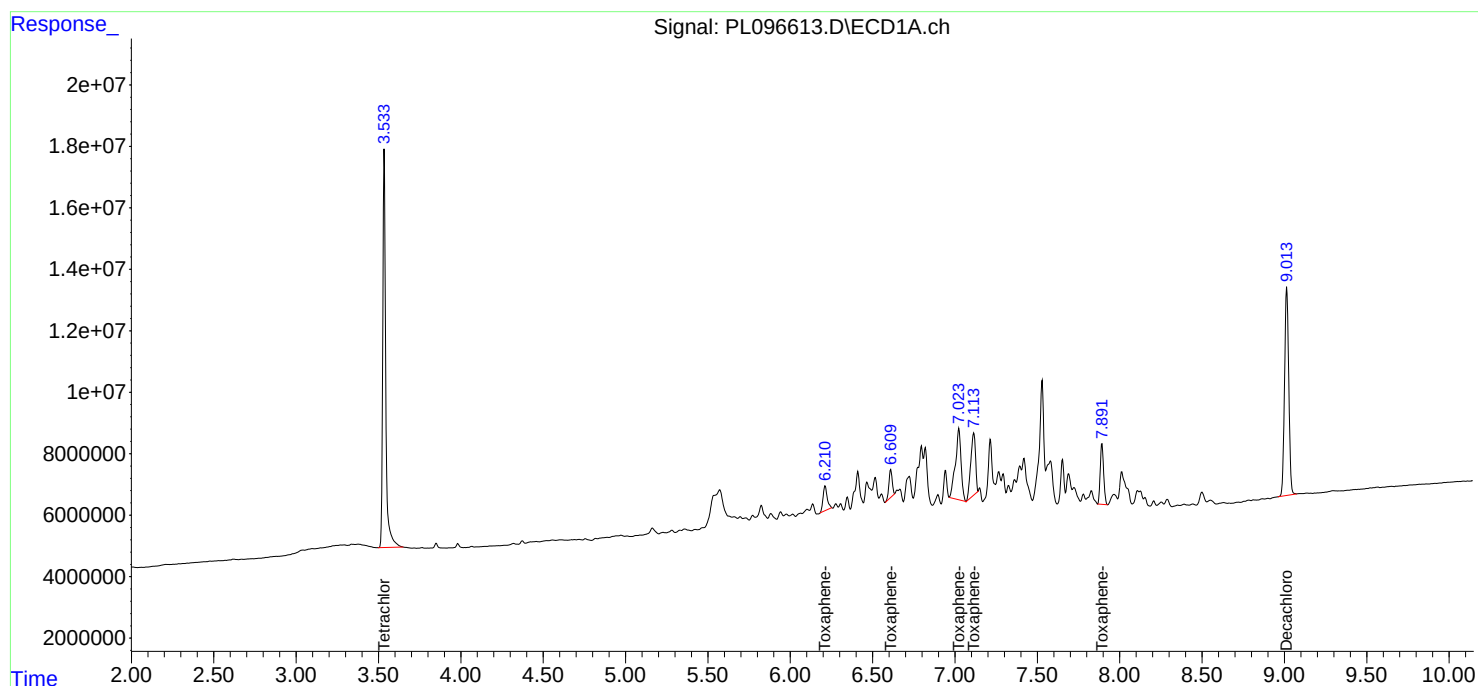
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 20:44
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL072825TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:34:10 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: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 15:20

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.02	8.92	9.12	0.02
Tetrachloro-m-xylene	3.53	3.54	3.44	3.64	0.01
alpha-BHC	3.98	3.98	3.88	4.08	0.00
beta-BHC	4.49	4.50	4.40	4.60	0.01
delta-BHC	4.74	4.74	4.64	4.84	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.65	5.66	5.56	5.76	0.01
Endosulfan I	6.04	6.04	5.94	6.14	0.00
Dieldrin	6.31	6.32	6.22	6.42	0.01
4,4'-DDE	6.16	6.17	6.07	6.27	0.01
Endrin	6.53	6.54	6.44	6.64	0.01
Endosulfan II	6.75	6.76	6.66	6.86	0.01
4,4'-DDD	6.67	6.68	6.58	6.78	0.01
Endosulfan sulfate	7.11	7.12	7.02	7.22	0.01
4,4'-DDT	6.98	6.99	6.89	7.09	0.01
Methoxychlor	7.45	7.46	7.36	7.56	0.01
Endrin ketone	7.59	7.60	7.50	7.70	0.01
Endrin aldehyde	6.88	6.88	6.78	6.98	0.00
alpha-Chlordane	5.99	6.00	5.90	6.10	0.01
gamma-Chlordane	5.91	5.92	5.82	6.02	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 15:20

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.19	4.20	4.10	4.30	0.01
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.30	4.20	4.40	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.71	5.71	5.61	5.81	0.01
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.85	5.86	5.76	5.96	0.01
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.10	6.11	6.01	6.21	0.01
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.90	6.91	6.81	7.01	0.01
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.11	5.12	5.02	5.22	0.01
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096895.D **Time Analyzed:** 15:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.667	6.575	6.775	55.240	50.000	10.5
4,4'-DDE	6.159	6.066	6.266	52.750	50.000	5.5
4,4'-DDT	6.982	6.889	7.089	50.670	50.000	1.3
Aldrin	5.236	5.143	5.343	52.780	50.000	5.6
alpha-BHC	3.978	3.882	4.082	54.920	50.000	9.8
alpha-Chlordane	5.989	5.897	6.097	51.720	50.000	3.4
beta-BHC	4.491	4.397	4.597	56.640	50.000	13.3
Decachlorobiphenyl	9.002	8.916	9.116	53.220	50.000	6.4
delta-BHC	4.738	4.643	4.843	55.710	50.000	11.4
Dieldrin	6.307	6.216	6.416	50.870	50.000	1.7
Endosulfan I	6.036	5.944	6.144	50.520	50.000	1.0
Endosulfan II	6.746	6.655	6.855	49.070	50.000	-1.9
Endosulfan sulfate	7.109	7.018	7.218	47.580	50.000	-4.8
Endrin	6.533	6.442	6.642	51.150	50.000	2.3
Endrin aldehyde	6.876	6.784	6.984	51.770	50.000	3.5
Endrin ketone	7.589	7.497	7.697	47.310	50.000	-5.4
gamma-BHC (Lindane)	4.306	4.210	4.410	54.030	50.000	8.1
gamma-Chlordane	5.909	5.816	6.016	53.100	50.000	6.2
Heptachlor	4.897	4.803	5.003	56.690	50.000	13.4
Heptachlor epoxide	5.654	5.562	5.762	53.910	50.000	7.8
Methoxychlor	7.452	7.362	7.562	48.370	50.000	-3.3
Tetrachloro-m-xylene	3.531	3.435	3.635	55.120	50.000	10.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096895.D **Time Analyzed:** 15:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.852	5.756	5.956	48.130	50.000	-3.7
4,4'-DDE	5.299	5.204	5.404	50.620	50.000	1.2
4,4'-DDT	6.104	6.009	6.209	47.030	50.000	-5.9
Aldrin	4.293	4.197	4.397	52.750	50.000	5.5
alpha-BHC	3.331	3.233	3.433	54.040	50.000	8.1
alpha-Chlordane	5.111	5.015	5.215	50.230	50.000	0.5
beta-BHC	3.959	3.861	4.061	53.330	50.000	6.7
Decachlorobiphenyl	7.985	7.892	8.092	44.780	50.000	-10.4
delta-BHC	4.191	4.095	4.295	53.170	50.000	6.3
Dieldrin	5.429	5.334	5.534	50.100	50.000	0.2
Endosulfan I	5.166	5.069	5.269	47.750	50.000	-4.5
Endosulfan II	5.996	5.901	6.101	47.470	50.000	-5.1
Endosulfan sulfate	6.398	6.302	6.502	45.480	50.000	-9.0
Endrin	5.705	5.609	5.809	54.090	50.000	8.2
Endrin aldehyde	6.175	6.079	6.279	47.040	50.000	-5.9
Endrin ketone	6.902	6.807	7.007	45.330	50.000	-9.3
gamma-BHC (Lindane)	3.663	3.565	3.765	53.530	50.000	7.1
gamma-Chlordane	5.047	4.951	5.151	51.290	50.000	2.6
Heptachlor	4.011	3.914	4.114	52.480	50.000	5.0
Heptachlor epoxide	4.795	4.699	4.899	50.880	50.000	1.8
Methoxychlor	6.675	6.581	6.781	44.890	50.000	-10.2
Tetrachloro-m-xylene	2.826	2.728	2.928	53.730	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:37:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	175.3E6	256.7E6	55.122	53.727
28)	SA Decachlor...	9.002	7.985	126.9E6	194.3E6	53.217m	44.784m
Target Compounds							
2)	A alpha-BHC	3.978	3.331	254.1E6	382.5E6	54.922	54.042
3)	MA gamma-BHC...	4.306	3.663	239.0E6	353.5E6	54.027	53.532
4)	MA Heptachlor	4.897	4.011	235.6E6	349.6E6	56.688	52.475
5)	MB Aldrin	5.236	4.293	227.0E6	327.4E6	52.783	52.748
6)	B beta-BHC	4.491	3.959	102.2E6	150.4E6	56.643m	53.327
7)	B delta-BHC	4.738	4.191	222.3E6	344.2E6	55.714	53.174
8)	B Heptachlo...	5.654	4.795	207.9E6	290.6E6	53.911	50.877
9)	A Endosulfan I	6.036	5.166	181.7E6	264.1E6	50.515	47.754
10)	B gamma-Chl...	5.909	5.047	202.1E6	301.6E6	53.102	51.295
11)	B alpha-Chl...	5.989	5.111	199.4E6	296.3E6	51.719	50.235
12)	B 4,4'-DDE	6.159	5.299	169.4E6	279.1E6	52.747	50.617
13)	MA Dieldrin	6.307	5.429	188.8E6	295.9E6	50.870m	50.097m
14)	MA Endrin	6.533	5.705	154.8E6	292.4E6	51.154m	54.089
15)	B Endosulfa...	6.746	5.996	157.2E6	243.8E6	49.073m	47.470
16)	A 4,4'-DDD	6.667	5.852	139.7E6	226.5E6	55.238	48.130
17)	MA 4,4'-DDT	6.982	6.104	145.3E6	237.9E6	50.667	47.033
18)	B Endrin al...	6.876	6.175	111.1E6	171.0E6	51.774	47.044
19)	B Endosulfa...	7.109	6.398	136.7E6	231.3E6	47.583	45.475
20)	A Methoxychlor	7.452	6.675	71029000	123.0E6	48.373m	44.895m
21)	B Endrin ke...	7.589	6.902	142.3E6	252.5E6	47.312	45.329
22)	Mirex	8.066	7.092	116.6E6	191.4E6	47.024m	43.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

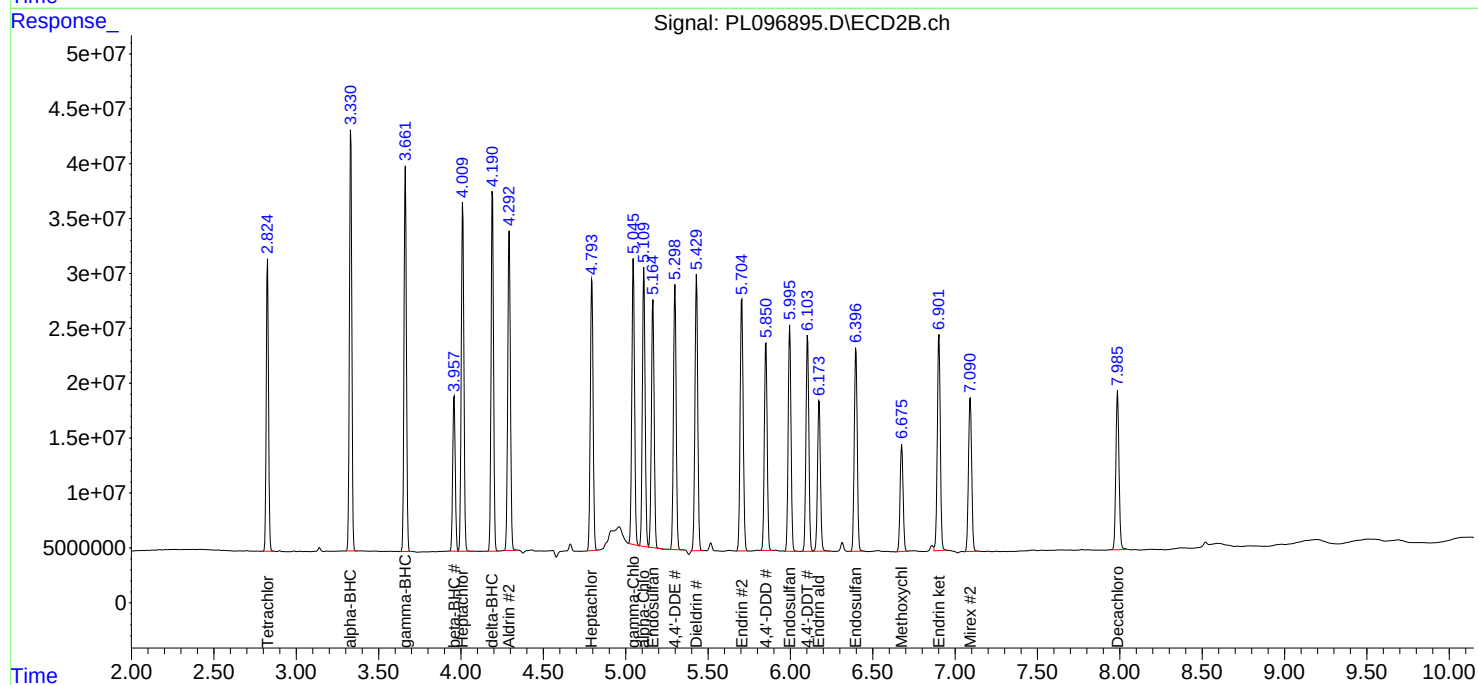
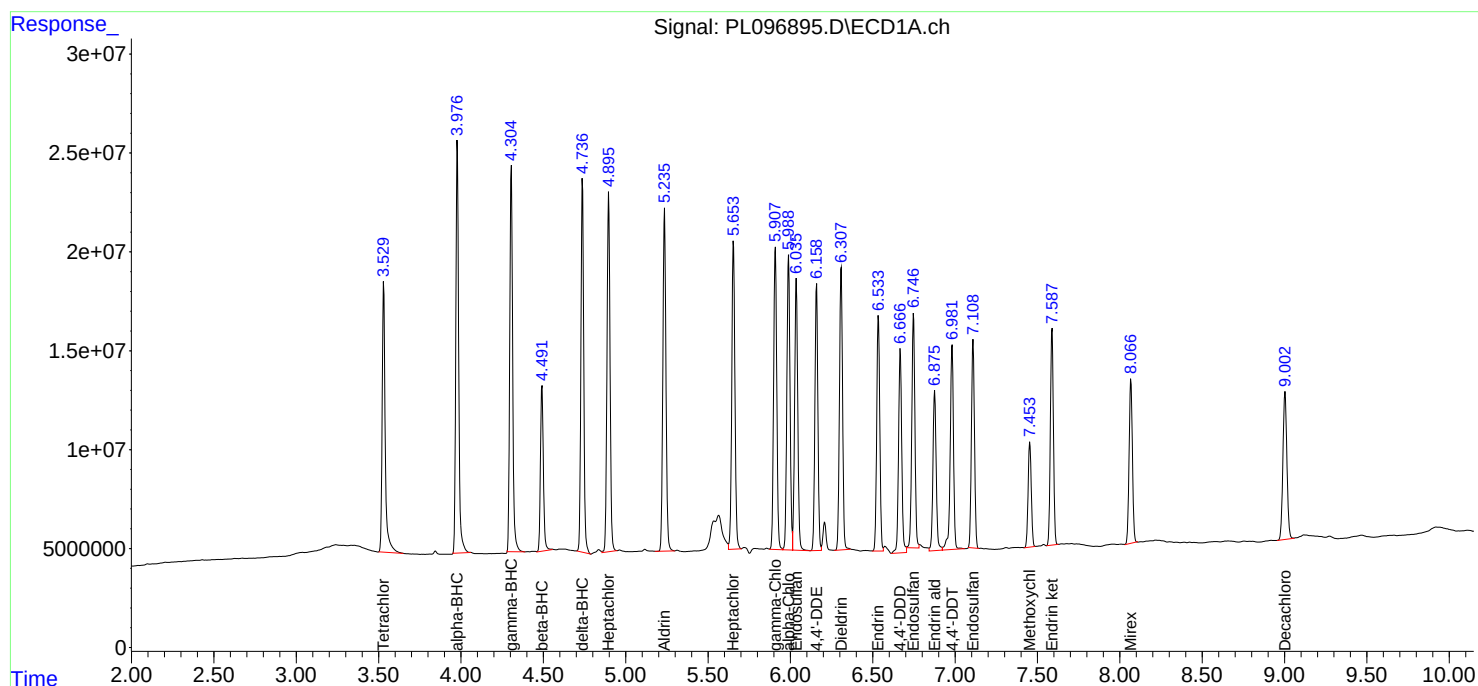
APPROVED

Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:37:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 18:50

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.02	8.92	9.12	0.02
Tetrachloro-m-xylene	3.53	3.54	3.44	3.64	0.01
alpha-BHC	3.98	3.98	3.88	4.08	0.00
beta-BHC	4.49	4.50	4.40	4.60	0.01
delta-BHC	4.74	4.74	4.64	4.84	0.00
gamma-BHC (Lindane)	4.30	4.31	4.21	4.41	0.01
Heptachlor	4.90	4.90	4.80	5.00	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.65	5.66	5.56	5.76	0.01
Endosulfan I	6.04	6.04	5.94	6.14	0.00
Dieldrin	6.31	6.32	6.22	6.42	0.01
4,4'-DDE	6.16	6.17	6.07	6.27	0.01
Endrin	6.53	6.54	6.44	6.64	0.01
Endosulfan II	6.75	6.76	6.66	6.86	0.01
4,4'-DDD	6.67	6.68	6.58	6.78	0.01
Endosulfan sulfate	7.11	7.12	7.02	7.22	0.01
4,4'-DDT	6.98	6.99	6.89	7.09	0.01
Methoxychlor	7.45	7.46	7.36	7.56	0.01
Endrin ketone	7.59	7.60	7.50	7.70	0.01
Endrin aldehyde	6.88	6.88	6.78	6.98	0.00
alpha-Chlordane	5.99	6.00	5.90	6.10	0.01
gamma-Chlordane	5.91	5.92	5.82	6.02	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 18:50

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.19	4.20	4.10	4.30	0.01
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.30	4.20	4.40	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.01
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.71	5.71	5.61	5.81	0.01
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.85	5.86	5.76	5.96	0.01
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.10	6.11	6.01	6.21	0.01
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.90	6.91	6.81	7.01	0.01
Endrin aldehyde	6.17	6.18	6.08	6.28	0.01
alpha-Chlordane	5.11	5.12	5.02	5.22	0.01
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096905.D **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.667	6.575	6.775	57.840	50.000	15.7
4,4'-DDE	6.159	6.066	6.266	54.220	50.000	8.4
4,4'-DDT	6.982	6.889	7.089	52.300	50.000	4.6
Aldrin	5.236	5.143	5.343	53.760	50.000	7.5
alpha-BHC	3.976	3.882	4.082	55.300	50.000	10.6
alpha-Chlordane	5.989	5.897	6.097	53.370	50.000	6.7
beta-BHC	4.490	4.397	4.597	55.970	50.000	11.9
Decachlorobiphenyl	9.003	8.916	9.116	53.530	50.000	7.1
delta-BHC	4.737	4.643	4.843	56.020	50.000	12.0
Dieldrin	6.307	6.216	6.416	52.460	50.000	4.9
Endosulfan I	6.037	5.944	6.144	52.240	50.000	4.5
Endosulfan II	6.746	6.655	6.855	51.610	50.000	3.2
Endosulfan sulfate	7.108	7.018	7.218	50.840	50.000	1.7
Endrin	6.533	6.442	6.642	53.090	50.000	6.2
Endrin aldehyde	6.876	6.784	6.984	54.570	50.000	9.1
Endrin ketone	7.589	7.497	7.697	50.160	50.000	0.3
gamma-BHC (Lindane)	4.304	4.210	4.410	54.790	50.000	9.6
gamma-Chlordane	5.909	5.816	6.016	54.380	50.000	8.8
Heptachlor	4.896	4.803	5.003	57.040	50.000	14.1
Heptachlor epoxide	5.654	5.562	5.762	55.200	50.000	10.4
Methoxychlor	7.454	7.362	7.562	50.370	50.000	0.7
Tetrachloro-m-xylene	3.531	3.435	3.635	54.090	50.000	8.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096905.D **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.852	5.756	5.956	51.980	50.000	4.0
4,4'-DDE	5.299	5.204	5.404	52.450	50.000	4.9
4,4'-DDT	6.104	6.009	6.209	50.190	50.000	0.4
Aldrin	4.293	4.197	4.397	52.910	50.000	5.8
alpha-BHC	3.331	3.233	3.433	53.360	50.000	6.7
alpha-Chlordane	5.111	5.015	5.215	51.930	50.000	3.9
beta-BHC	3.958	3.861	4.061	53.200	50.000	6.4
Decachlorobiphenyl	7.986	7.892	8.092	48.960	50.000	-2.1
delta-BHC	4.191	4.095	4.295	53.230	50.000	6.5
Dieldrin	5.429	5.334	5.534	52.300	50.000	4.6
Endosulfan I	5.165	5.069	5.269	49.080	50.000	-1.8
Endosulfan II	5.996	5.901	6.101	50.960	50.000	1.9
Endosulfan sulfate	6.397	6.302	6.502	49.950	50.000	-0.1
Endrin	5.705	5.609	5.809	55.460	50.000	10.9
Endrin aldehyde	6.174	6.079	6.279	52.070	50.000	4.1
Endrin ketone	6.901	6.807	7.007	52.290	50.000	4.6
gamma-BHC (Lindane)	3.663	3.565	3.765	53.070	50.000	6.1
gamma-Chlordane	5.047	4.951	5.151	52.950	50.000	5.9
Heptachlor	4.011	3.914	4.114	52.180	50.000	4.4
Heptachlor epoxide	4.795	4.699	4.899	52.020	50.000	4.0
Methoxychlor	6.675	6.581	6.781	49.970	50.000	-0.1
Tetrachloro-m-xylene	2.826	2.728	2.928	52.880	50.000	5.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 18:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	172.1E6	252.7E6	54.091	52.881
28)	SA Decachlor...	9.003	7.986	127.6E6	212.4E6	53.528m	48.960
Target Compounds							
2)	A alpha-BHC	3.976	3.331	255.8E6	377.6E6	55.302m	53.356
3)	MA gamma-BHC...	4.304	3.663	242.3E6	350.5E6	54.787m	53.073
4)	MA Heptachlor	4.896	4.011	237.0E6	347.6E6	57.036	52.182
5)	MB Aldrin	5.236	4.293	231.2E6	328.4E6	53.759	52.910
6)	B beta-BHC	4.490	3.958	101.0E6	150.1E6	55.971m	53.205
7)	B delta-BHC	4.737	4.191	223.5E6	344.6E6	56.016	53.226
8)	B Heptachlo...	5.654	4.795	212.9E6	297.1E6	55.202m	52.021
9)	A Endosulfan I	6.037	5.165	187.9E6	271.5E6	52.237	49.082
10)	B gamma-Chl...	5.909	5.047	206.9E6	311.4E6	54.383	52.951
11)	B alpha-Chl...	5.989	5.111	205.7E6	306.4E6	53.373	51.934
12)	B 4,4'-DDE	6.159	5.299	174.1E6	289.2E6	54.218	52.452
13)	MA Dieldrin	6.307	5.429	194.7E6	308.9E6	52.463m	52.298m
14)	MA Endrin	6.533	5.705	160.7E6	299.8E6	53.094m	55.464
15)	B Endosulfa...	6.746	5.996	165.3E6	261.8E6	51.610m	50.965
16)	A 4,4'-DDD	6.667	5.852	146.2E6	244.6E6	57.843	51.978
17)	MA 4,4'-DDT	6.982	6.104	150.0E6	253.9E6	52.296	50.188
18)	B Endrin al...	6.876	6.174	117.1E6	189.3E6	54.566	52.068
19)	B Endosulfa...	7.108	6.397	146.1E6	254.0E6	50.842m	49.945
20)	A Methoxychlor	7.454	6.675	73966964	136.9E6	50.374	49.973m
21)	B Endrin ke...	7.589	6.901	150.8E6	291.2E6	50.156	52.289
22)	Mirex	8.066	7.091	123.4E6	218.3E6	49.779m	50.070

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 18:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

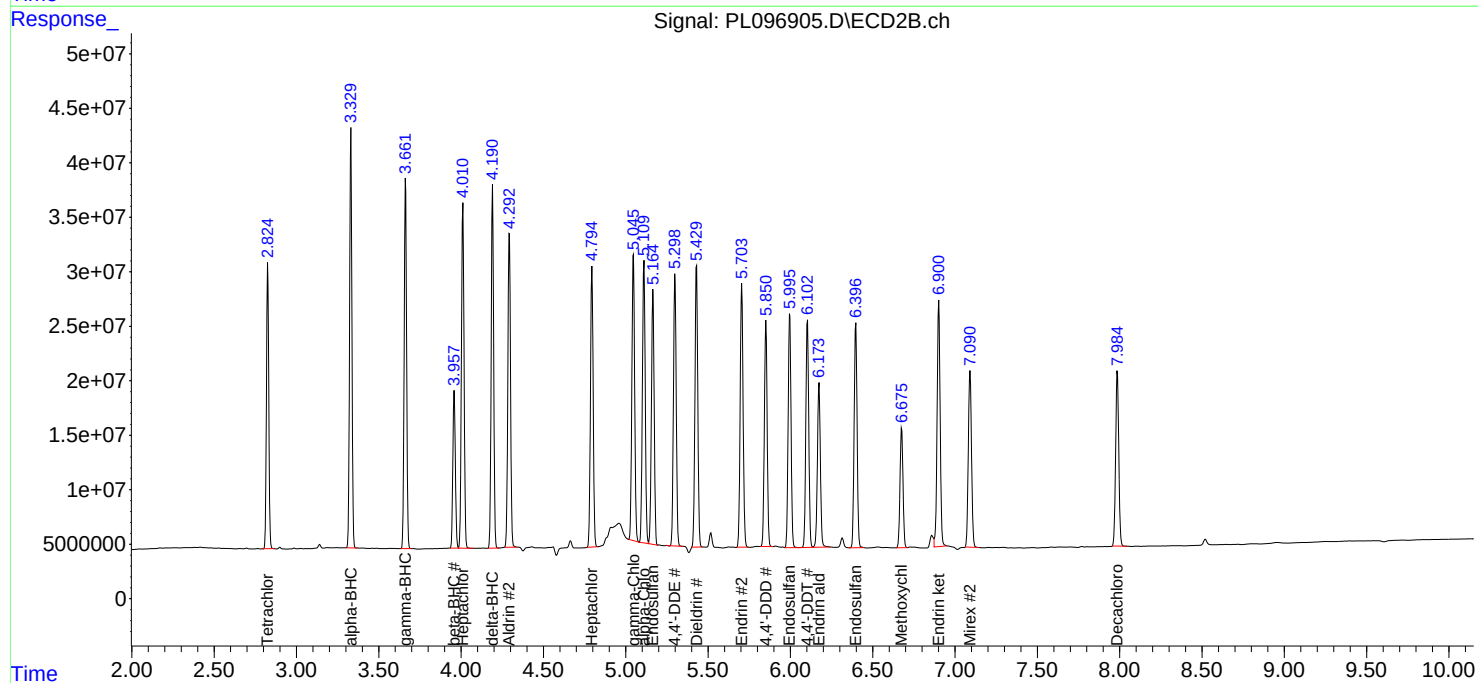
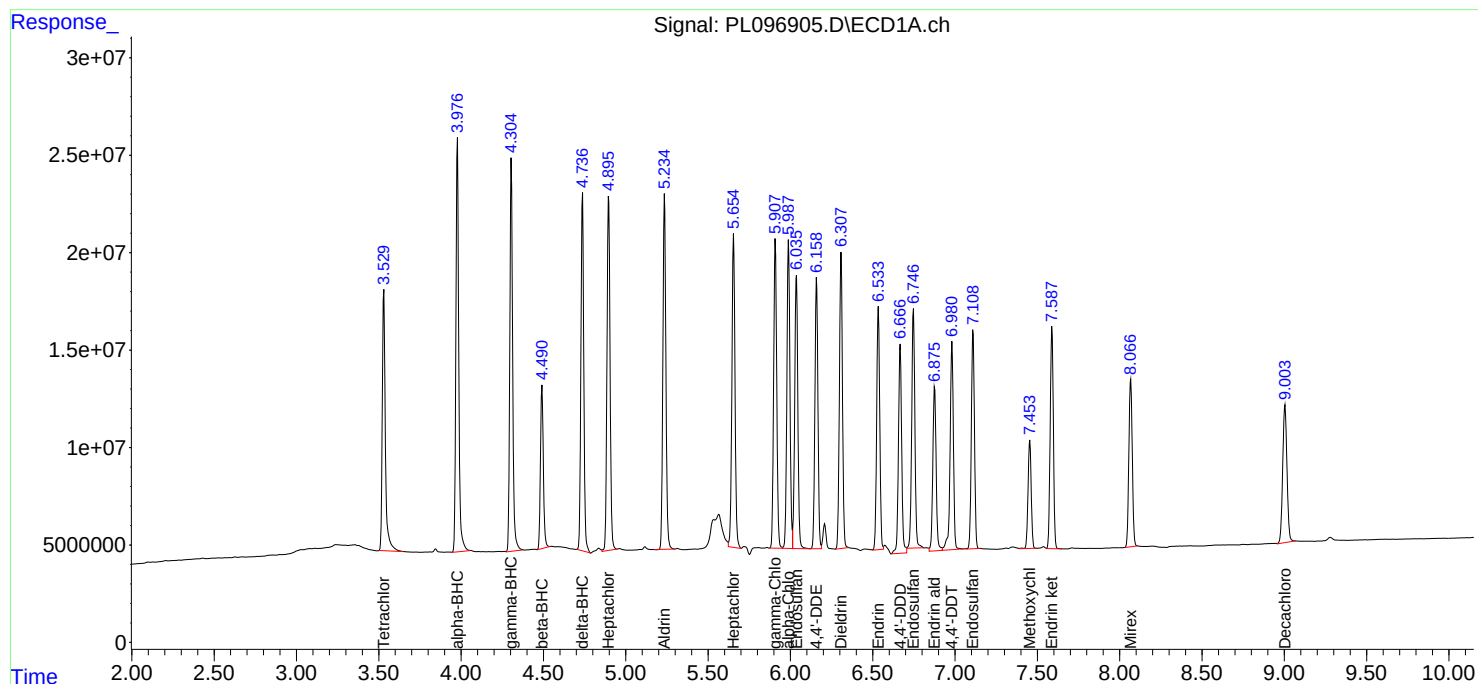
APPROVED

Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 22:27

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.02	8.92	9.12	0.02
Tetrachloro-m-xylene	3.53	3.54	3.44	3.64	0.01
alpha-BHC	3.98	3.98	3.88	4.08	0.00
beta-BHC	4.49	4.50	4.40	4.60	0.01
delta-BHC	4.74	4.74	4.64	4.84	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.01
Heptachlor	4.90	4.90	4.80	5.00	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.65	5.66	5.56	5.76	0.01
Endosulfan I	6.04	6.04	5.94	6.14	0.00
Dieldrin	6.31	6.32	6.22	6.42	0.01
4,4'-DDE	6.16	6.17	6.07	6.27	0.01
Endrin	6.53	6.54	6.44	6.64	0.01
Endosulfan II	6.75	6.76	6.66	6.86	0.01
4,4'-DDD	6.67	6.68	6.58	6.78	0.01
Endosulfan sulfate	7.11	7.12	7.02	7.22	0.01
4,4'-DDT	6.98	6.99	6.89	7.09	0.01
Methoxychlor	7.45	7.46	7.36	7.56	0.01
Endrin ketone	7.59	7.60	7.50	7.70	0.01
Endrin aldehyde	6.88	6.88	6.78	6.98	0.00
alpha-Chlordane	5.99	6.00	5.90	6.10	0.01
gamma-Chlordane	5.91	5.92	5.82	6.02	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Continuing Calib Date: 08/19/2025

Initial Calibration Date(s): 07/28/2025

07/28/2025

Continuing Calib Time: 22:27

Initial Calibration Time(s): 16:52

17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	7.99	7.89	8.09	0.00
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.19	4.20	4.10	4.30	0.01
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.30	4.20	4.40	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.71	5.71	5.61	5.81	0.01
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.85	5.86	5.76	5.96	0.01
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.10	6.11	6.01	6.21	0.01
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.90	6.91	6.81	7.01	0.01
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.11	5.12	5.02	5.22	0.01
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096916.D **Time Analyzed:** 22:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.668	6.575	6.775	58.570	50.000	17.1
4,4'-DDE	6.159	6.066	6.266	54.650	50.000	9.3
4,4'-DDT	6.982	6.889	7.089	50.370	50.000	0.7
Aldrin	5.236	5.143	5.343	53.610	50.000	7.2
alpha-BHC	3.977	3.882	4.082	56.000	50.000	12.0
alpha-Chlordane	5.989	5.897	6.097	54.810	50.000	9.6
beta-BHC	4.491	4.397	4.597	57.140	50.000	14.3
Decachlorobiphenyl	9.003	8.916	9.116	53.440	50.000	6.9
delta-BHC	4.737	4.643	4.843	56.630	50.000	13.3
Dieldrin	6.307	6.216	6.416	52.520	50.000	5.0
Endosulfan I	6.036	5.944	6.144	53.670	50.000	7.3
Endosulfan II	6.746	6.655	6.855	50.830	50.000	1.7
Endosulfan sulfate	7.109	7.018	7.218	50.700	50.000	1.4
Endrin	6.533	6.442	6.642	51.720	50.000	3.4
Endrin aldehyde	6.877	6.784	6.984	54.540	50.000	9.1
Endrin ketone	7.589	7.497	7.697	49.730	50.000	-0.5
gamma-BHC (Lindane)	4.305	4.210	4.410	55.010	50.000	10.0
gamma-Chlordane	5.908	5.816	6.016	57.240	50.000	14.5
Heptachlor	4.896	4.803	5.003	57.140	50.000	14.3
Heptachlor epoxide	5.653	5.562	5.762	54.670	50.000	9.3
Methoxychlor	7.454	7.362	7.562	48.850	50.000	-2.3
Tetrachloro-m-xylene	3.531	3.435	3.635	55.440	50.000	10.9



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** BAPS03
Lab Code: ACE **SDG NO.:** Q2892
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/19/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096916.D **Time Analyzed:** 22:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.852	5.756	5.956	49.990	50.000	0.0
4,4'-DDE	5.300	5.204	5.404	50.880	50.000	1.8
4,4'-DDT	6.104	6.009	6.209	45.840	50.000	-8.3
Aldrin	4.293	4.197	4.397	53.080	50.000	6.2
alpha-BHC	3.331	3.233	3.433	53.480	50.000	7.0
alpha-Chlordane	5.111	5.015	5.215	50.580	50.000	1.2
beta-BHC	3.959	3.861	4.061	53.140	50.000	6.3
Decachlorobiphenyl	7.985	7.892	8.092	43.420	50.000	-13.2
delta-BHC	4.191	4.095	4.295	52.880	50.000	5.8
Dieldrin	5.429	5.334	5.534	50.890	50.000	1.8
Endosulfan I	5.166	5.069	5.269	47.690	50.000	-4.6
Endosulfan II	5.996	5.901	6.101	48.360	50.000	-3.3
Endosulfan sulfate	6.398	6.302	6.502	46.490	50.000	-7.0
Endrin	5.705	5.609	5.809	52.630	50.000	5.3
Endrin aldehyde	6.175	6.079	6.279	49.330	50.000	-1.3
Endrin ketone	6.902	6.807	7.007	48.880	50.000	-2.2
gamma-BHC (Lindane)	3.663	3.565	3.765	53.140	50.000	6.3
gamma-Chlordane	5.047	4.951	5.151	51.820	50.000	3.6
Heptachlor	4.011	3.914	4.114	51.930	50.000	3.9
Heptachlor epoxide	4.795	4.699	4.899	51.360	50.000	2.7
Methoxychlor	6.675	6.581	6.781	45.740	50.000	-8.5
Tetrachloro-m-xylene	2.826	2.728	2.928	53.000	50.000	6.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 22:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 04:47:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	176.3E6	253.2E6	55.436	53.001
2)	SA Decachlor...	9.003	7.985	127.4E6	188.4E6	53.438m	43.420m
Target Compounds							
2)	A alpha-BHC	3.977	3.331	259.1E6	378.4E6	56.003	53.476
3)	MA gamma-BHC...	4.305	3.663	243.3E6	350.9E6	55.011	53.139
4)	MA Heptachlor	4.896	4.011	237.5E6	346.0E6	57.144	51.930
5)	MB Aldrin	5.236	4.293	230.6E6	329.5E6	53.609	53.085
6)	B beta-BHC	4.491	3.959	103.1E6	149.9E6	57.143m	53.140
7)	B delta-BHC	4.737	4.191	226.0E6	342.3E6	56.633	52.880
8)	B Heptachlo...	5.653	4.795	210.8E6	293.3E6	54.670m	51.361
9)	A Endosulfan I	6.036	5.166	193.0E6	263.8E6	53.667	47.691
10)	B gamma-Chl...	5.908	5.047	217.8E6	304.7E6	57.236	51.815
11)	B alpha-Chl...	5.989	5.111	211.3E6	298.4E6	54.813	50.580
12)	B 4,4'-DDE	6.159	5.300	175.5E6	280.6E6	54.648	50.881
13)	MA Dieldrin	6.307	5.429	194.9E6	300.6E6	52.517m	50.893m
14)	MA Endrin	6.533	5.705	156.5E6	284.5E6	51.720m	52.633
15)	B Endosulfa...	6.746	5.996	162.8E6	248.4E6	50.831m	48.356
16)	A 4,4'-DDD	6.668	5.852	148.1E6	235.2E6	58.568	49.987
17)	MA 4,4'-DDT	6.982	6.104	144.4E6	231.9E6	50.370	45.842
18)	B Endrin al...	6.877	6.175	117.0E6	179.3E6	54.544	49.325
19)	B Endosulfa...	7.109	6.398	145.7E6	236.5E6	50.705m	46.489
20)	A Methoxychlor	7.454	6.675	71728285	125.4E6	48.849	45.743m
21)	B Endrin ke...	7.589	6.902	149.5E6	272.3E6	49.733	48.880
22)	Mirex	8.066	7.092	123.0E6	198.8E6	49.619m	45.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 22:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

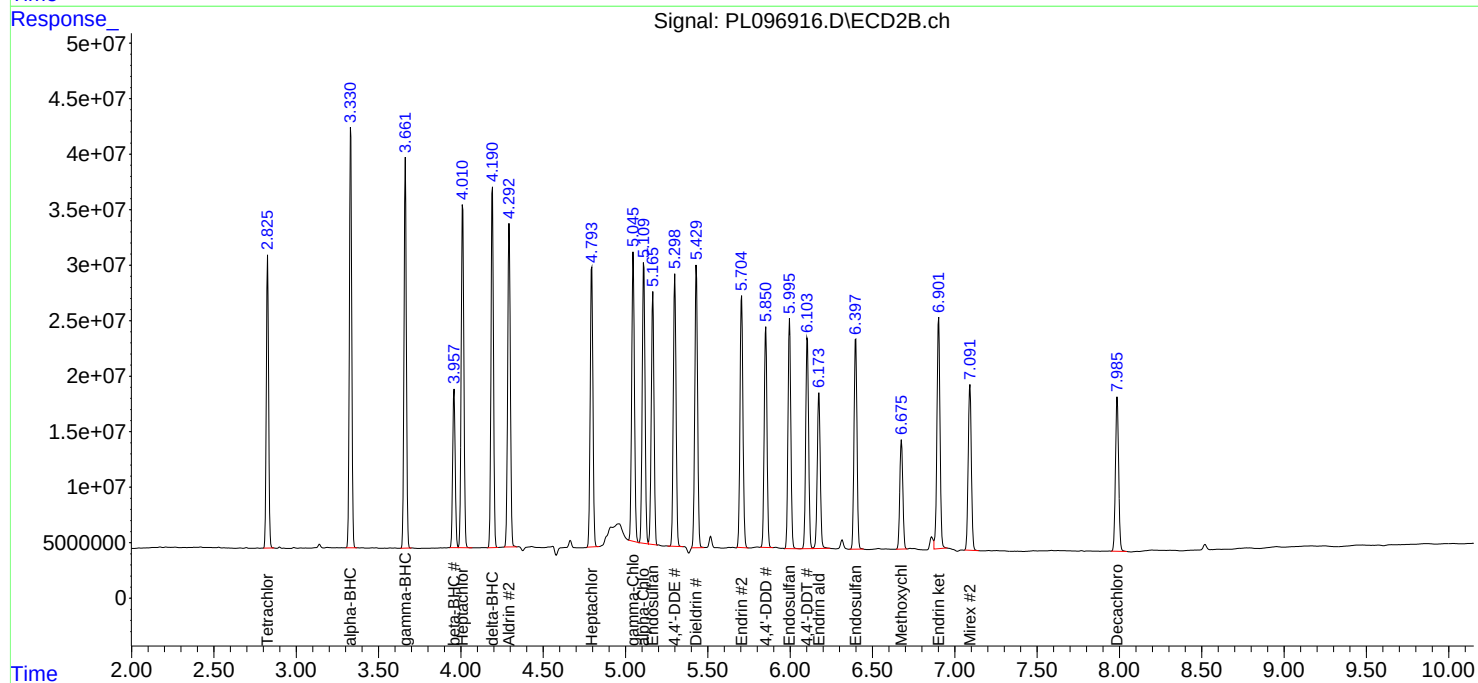
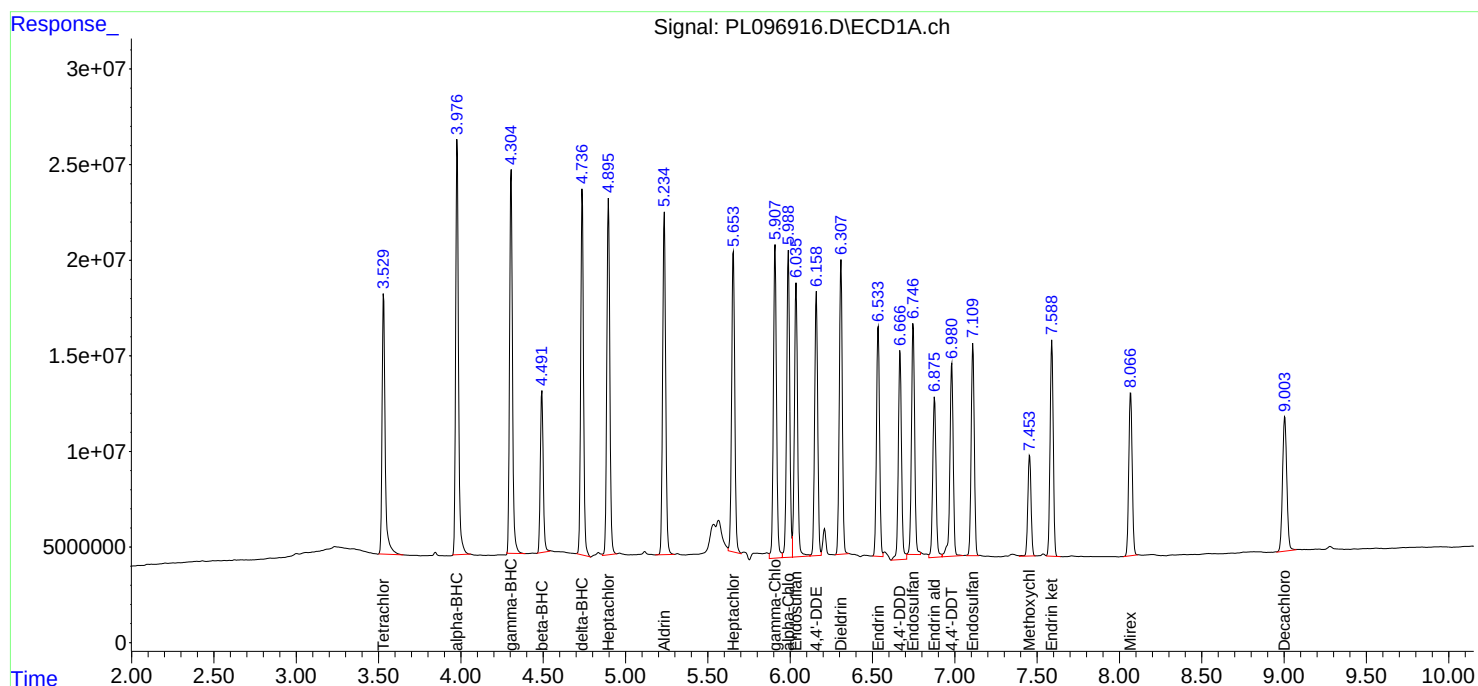
APPROVED

Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: BAPS03

Lab Code: ACE

SDG NO.: Q2892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D Date Analyzed: 07/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:25

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.017	8.920	9.120	21.270	20.000	6.4
Tetrachloro-m-xylene	3.535	3.480	3.590	20.960	20.000	4.8
alpha-BHC	3.983	3.930	4.030	10.440	10.000	4.4
beta-BHC	4.498	4.450	4.550	10.520	10.000	5.2
gamma-BHC (Lindane)	4.311	4.260	4.360	10.550	10.000	5.5
Endrin	6.543	6.470	6.610	54.020	50.000	8.0
4,4'-DDT	6.990	6.920	7.060	109.500	100.000	9.5
Methoxychlor	7.463	7.390	7.530	267.200	250.000	6.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096594.D Date Analyzed: 07/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:25

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.992	7.890	8.090	20.870	20.000	4.4
Tetrachloro-m-xylene	2.828	2.780	2.880	20.780	20.000	3.9
alpha-BHC	3.333	3.280	3.380	10.270	10.000	2.7
beta-BHC	3.962	3.910	4.010	10.840	10.000	8.4
gamma-BHC (Lindane)	3.666	3.620	3.720	10.440	10.000	4.4
Endrin	5.710	5.640	5.780	53.630	50.000	7.3
4,4'-DDT	6.109	6.040	6.180	111.210	100.000	11.2
Methoxychlor	6.682	6.610	6.750	253.290	250.000	1.3

PEM
 Data File: PL096594.D Date Acquired 7/28/2025 16:25
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.54	163494961.3	167390237.3	3895275.98	2.33
Endrin aldehyde	6.89	1570507.515			
Endrin ketone	7.60	2324768.467			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	289935231	306295121.7	16359890.7	5.34
Endrin aldehyde #2	6.18	12998852.66			
Endrin ketone #2	6.91	3361038.042			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	314003595.7	315320131.5	1316535.88	0.42
4,4'-DDE	0.00	0			
4,4'-DDD	6.68	1316535.881			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	562525716.3	564144685.1	1618968.83	0.29
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	1618968.831			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 16:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:57:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.828	66676938	99261210	20.962	20.776
28)	SA Decachlor...	9.017	7.992	50725219	90556842	21.271	20.874
Target Compounds							
2)	A alpha-BHC	3.983	3.333	48281852	72680702	10.436	10.270
3)	MA gamma-BHC...	4.311	3.666	46672698	68921884	10.551	10.437
6)	B beta-BHC	4.498	3.962	18987747	30564619	10.520	10.835
14)	MA Endrin	6.543	5.710	163.5E6	289.9E6	54.016	53.632
16)	A 4,4'-DDD	6.677	5.858	1316536	1618969	0.521m	0.344m#
17)	MA 4,4'-DDT	6.990	6.109	314.0E6	562.5E6	109.497	111.208
18)	B Endrin al...	6.888	6.180	1570508	12998853	0.732m	0.219 #
20)	A Methoxychlor	7.463	6.682	392.3E6	694.1E6	267.202	253.290
21)	B Endrin ke...	7.598	6.905	2324768	3361038	0.773m	0.603m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 16:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

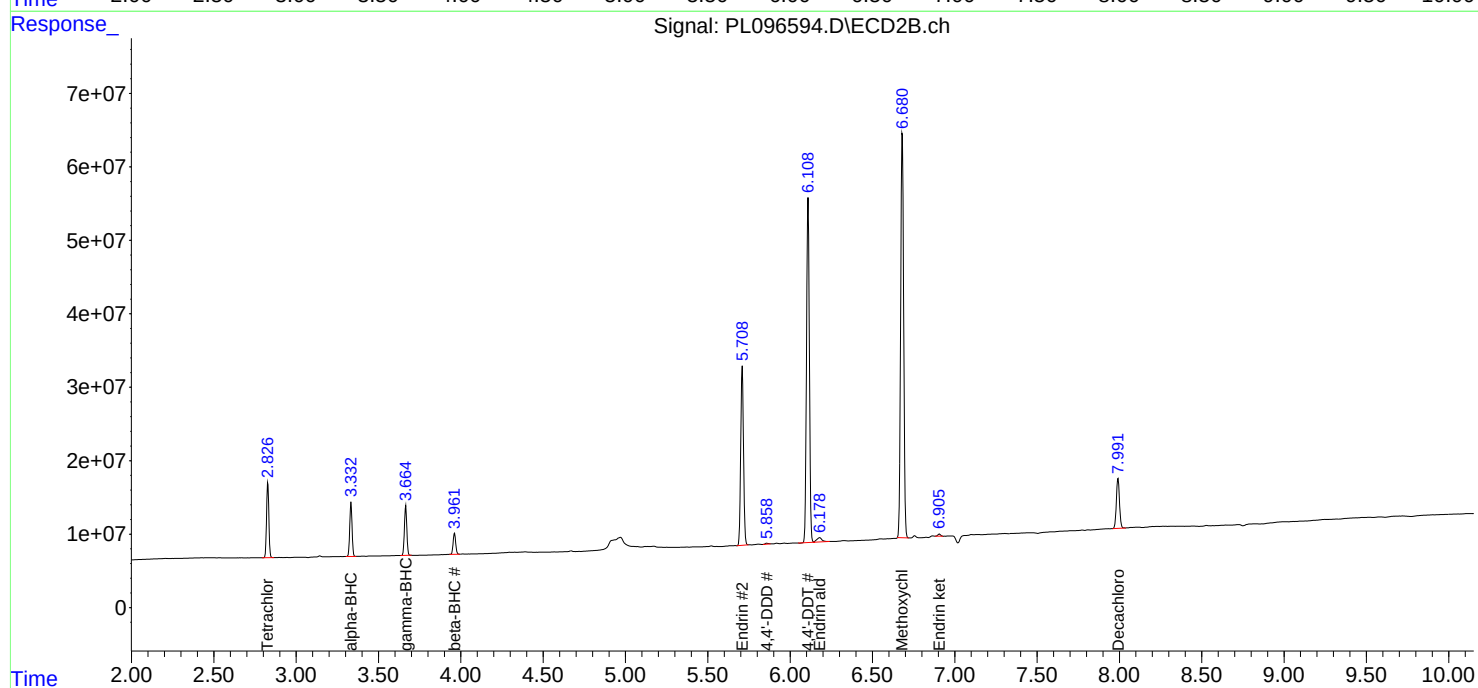
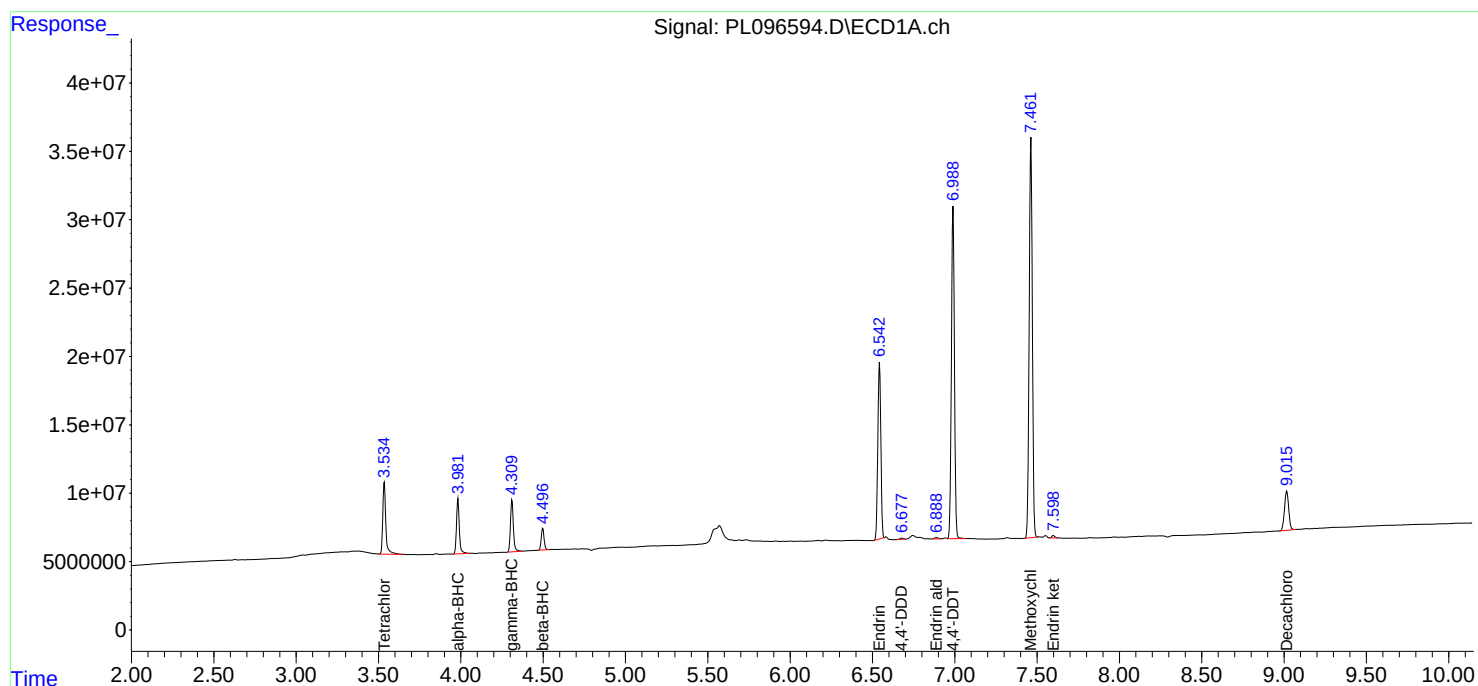
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/29/2025
Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:57:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096882.D Date Analyzed: 08/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:28

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.008	8.910	9.110	23.020	20.000	15.1
Tetrachloro-m-xylene	3.530	3.480	3.580	22.640	20.000	13.2
alpha-BHC	3.977	3.930	4.030	10.910	10.000	9.1
beta-BHC	4.492	4.440	4.540	10.940	10.000	9.4
gamma-BHC (Lindane)	4.305	4.250	4.360	11.390	10.000	13.9
Endrin	6.535	6.460	6.610	59.260	50.000	18.5
4,4'-DDT	6.984	6.910	7.050	116.840	100.000	16.8
Methoxychlor	7.457	7.390	7.530	282.050	250.000	12.8

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096882.D Date Analyzed: 08/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:28

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.985	7.880	8.090	22.660	20.000	13.3
Tetrachloro-m-xylene	2.823	2.770	2.870	22.780	20.000	13.9
alpha-BHC	3.328	3.280	3.380	10.900	10.000	9.0
beta-BHC	3.957	3.910	4.010	11.770	10.000	17.7
gamma-BHC (Lindane)	3.660	3.610	3.710	10.980	10.000	9.8
Endrin	5.704	5.630	5.770	56.620	50.000	13.2
4,4'-DDT	6.104	6.030	6.170	122.070	100.000	22.1
Methoxychlor	6.675	6.600	6.750	257.510	250.000	3.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 10:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 10:02:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	2.823	72004281	108.8E6	22.637	22.779
28)	SA Decachlor...	9.008	7.985	54884245	98327059	23.016	22.665m
Target Compounds							
2)	A alpha-BHC	3.977	3.328	50457866	77149679	10.907	10.901
3)	MA gamma-BHC...	4.305	3.660	50379247	72520097	11.389	10.982
6)	B beta-BHC	4.492	3.957	19755272	33196244	10.945	11.768
14)	MA Endrin	6.535	5.704	179.4E6	306.1E6	59.261m	56.622
16)	A 4,4'-DDD	6.673	5.853	3218621	657129	1.273m	0.140m#
17)	MA 4,4'-DDT	6.984	6.104	335.1E6	617.5E6	116.840	122.074
18)	B Endrin al...	6.888	6.176	1613798	2323213	0.752m	0.639m
20)	A Methoxychlor	7.457	6.675	414.2E6	705.7E6	282.053	257.506m
21)	B Endrin ke...	7.590	6.900	1676714	2051681	0.558m	0.368m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

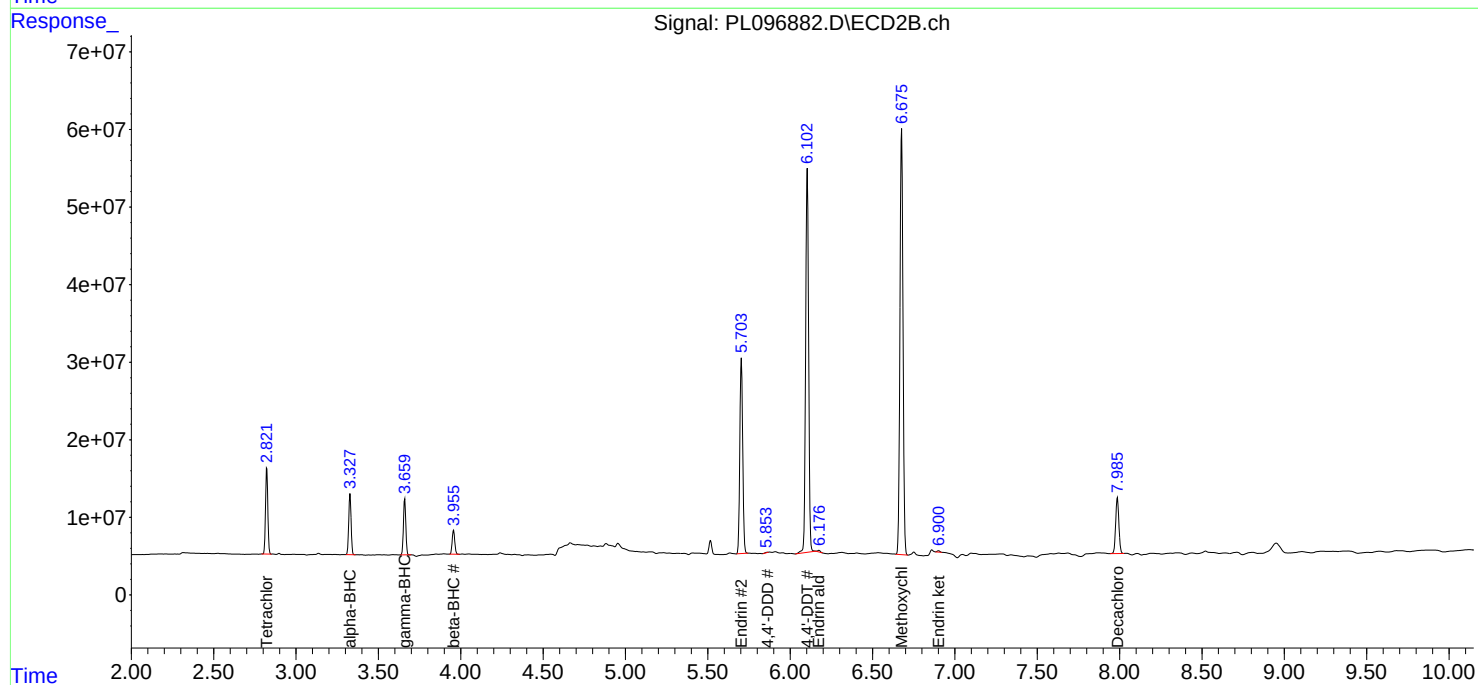
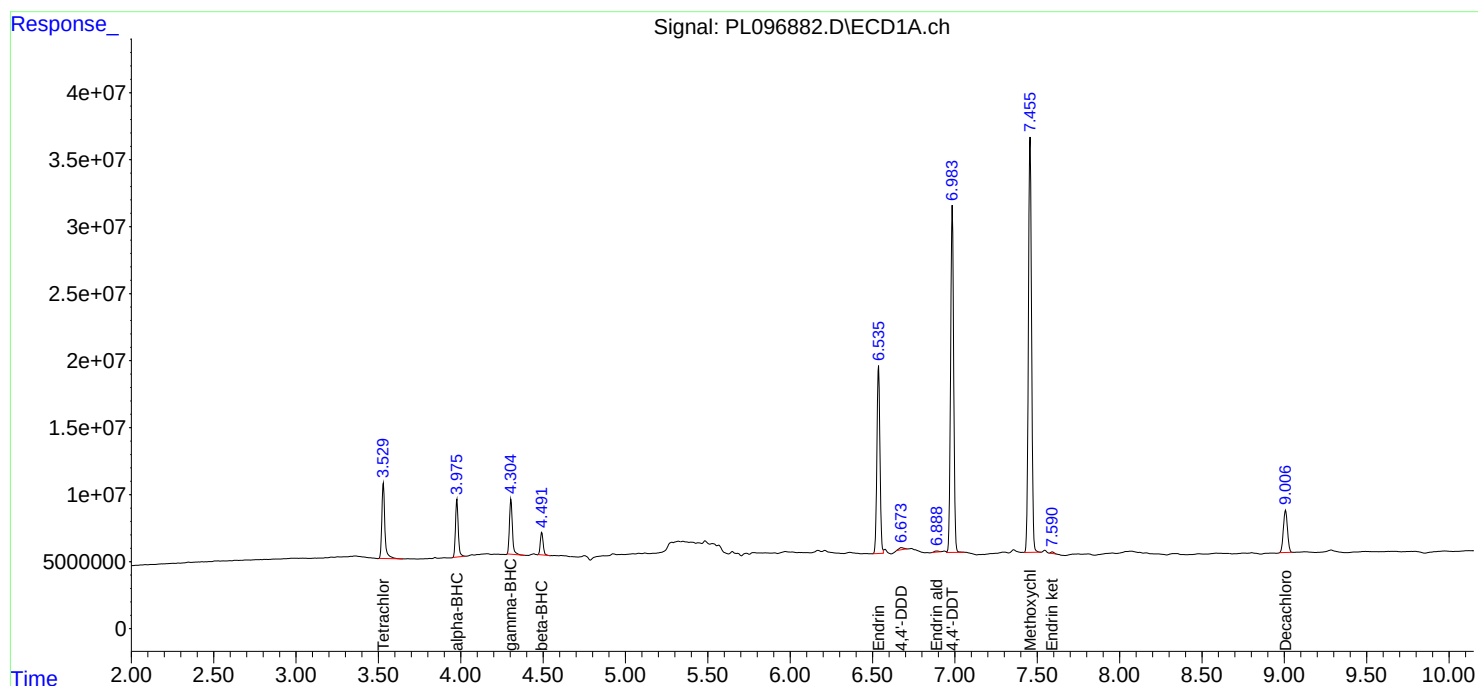
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 10:02:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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: BAPS03

Lab Code: ACE

SDG NO.: Q2892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096904.D Date Analyzed: 08/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:36

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.005	8.900	9.110	23.760	20.000	18.8
Tetrachloro-m-xylene	3.530	3.480	3.580	23.580	20.000	17.9
alpha-BHC	3.977	3.930	4.030	11.290	10.000	12.9
beta-BHC	4.490	4.440	4.540	12.370	10.000	23.7
gamma-BHC (Lindane)	4.304	4.250	4.350	11.730	10.000	17.3
Endrin	6.533	6.460	6.600	60.620	50.000	21.2
4,4'-DDT	6.982	6.910	7.050	113.240	100.000	13.2
Methoxychlor	7.454	7.380	7.520	269.790	250.000	7.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/28/2025 07/28/2025

Client Sample No. (PEM): PEM - PL096904.D Date Analyzed: 08/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:36

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.986	7.890	8.090	22.980	20.000	14.9
Tetrachloro-m-xylene	2.826	2.780	2.880	22.790	20.000	14.0
alpha-BHC	3.331	3.280	3.380	11.120	10.000	11.2
beta-BHC	3.959	3.910	4.010	12.260	10.000	22.6
gamma-BHC (Lindane)	3.663	3.610	3.710	11.330	10.000	13.3
Endrin	5.705	5.630	5.780	59.010	50.000	18.0
4,4'-DDT	6.104	6.030	6.170	115.800	100.000	15.8
Methoxychlor	6.675	6.600	6.750	252.150	250.000	0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 18:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	2.826	75001232	108.9E6	23.579	22.792
28)	SA Decachlor...	9.005	7.986	56656700	99693329	23.759	22.980
Target Compounds							
2)	A alpha-BHC	3.977	3.331	52215905	78712930	11.287	11.122
3)	MA gamma-BHC...	4.304	3.663	51869330	74799190	11.726m	11.327
6)	B beta-BHC	4.490	3.959	22326373	34588971	12.369m	12.262
14)	MA Endrin	6.533	5.705	183.5E6	319.0E6	60.621m	59.014
16)	A 4,4'-DDD	6.667	5.852	6253552	9983712	2.473m	2.122
17)	MA 4,4'-DDT	6.982	6.104	324.7E6	585.8E6	113.245	115.802
18)	B Endrin al...	6.881	6.175	2333531	12928531	1.087m	3.557 #
20)	A Methoxychlor	7.454	6.675	396.2E6	691.0E6	269.794	252.153m
21)	B Endrin ke...	7.587	6.901	3907957	12509478	1.300m	2.246 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 18:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

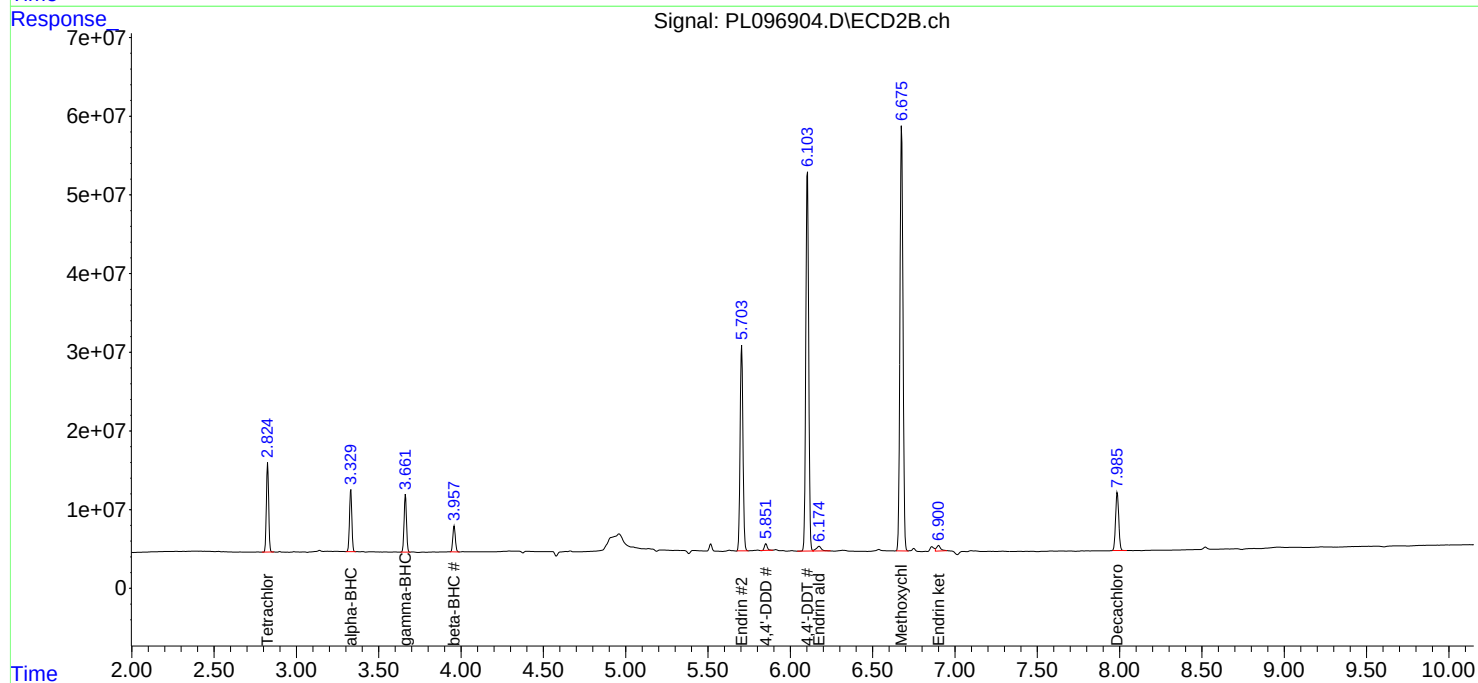
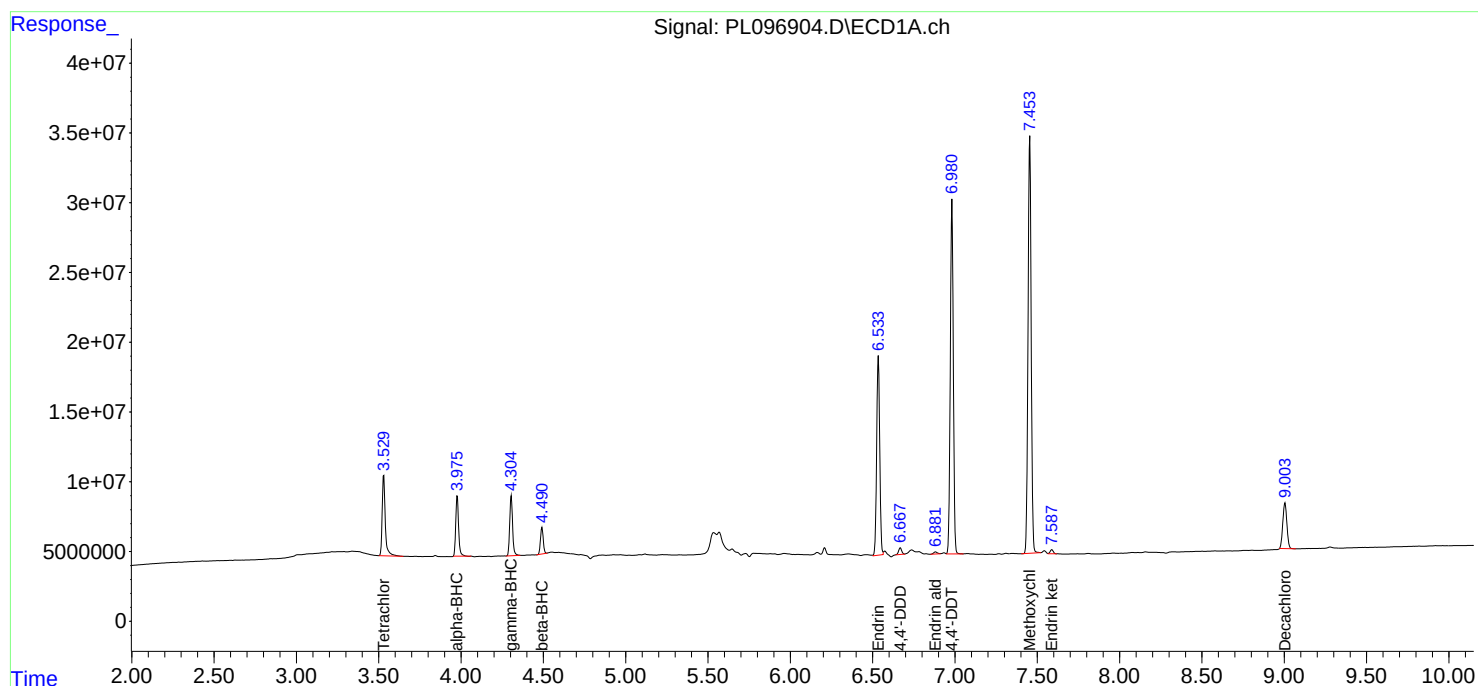
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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\PL072825\
Data File : PL096595.D
Acq On : 28 Jul 2025 16:38
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\PL072825.M
Title : GC Extractables
Last Update : Tue Jul 29 08:58:13 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.535	5.916	100.00%
5.916	6.045	100.00%
6.045	6.166	100.00%
6.166	6.317	100.00%
6.317	7.118	100.00%
7.118	7.463	100.00%
7.463	7.598	100.00%
7.598	9.016	100.00%

Signal #2

2.828	5.052	100.00%
5.052	5.170	100.00%
5.170	5.304	100.00%
5.304	5.435	100.00%
5.435	6.403	100.00%
6.403	6.682	100.00%
6.682	6.907	100.00%
6.907	7.993	100.00%

PL072825.M Tue Jul 29 09:06:52 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 16:38
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RESCHK

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 08:57:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.828	53837096	81066871	16.926	16.968
28)	SA Decachlor...	9.016	7.993	41967810	75251539	17.599	17.346
Target Compounds							
9)	A Endosulfan I	6.045	5.169	28022040	44379475	7.792	8.023m
10)	B gamma-Chl...	5.916	5.052	31638592	48929496	8.314	8.321
12)	B 4,4'-DDE	6.166	5.304	54660848	96001382	17.022	17.409
13)	MA Dieldrin	6.316	5.435	63095073	99918926	17.001	16.917
19)	B Endosulfa...	7.118	6.403	50325612	88476396	17.513	17.395
20)	A Methoxychlor	7.463	6.682	128.9E6	238.4E6	87.784	87.000
21)	B Endrin ke...	7.598	6.907	51693529	95186865	17.193	17.090

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 16:38
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

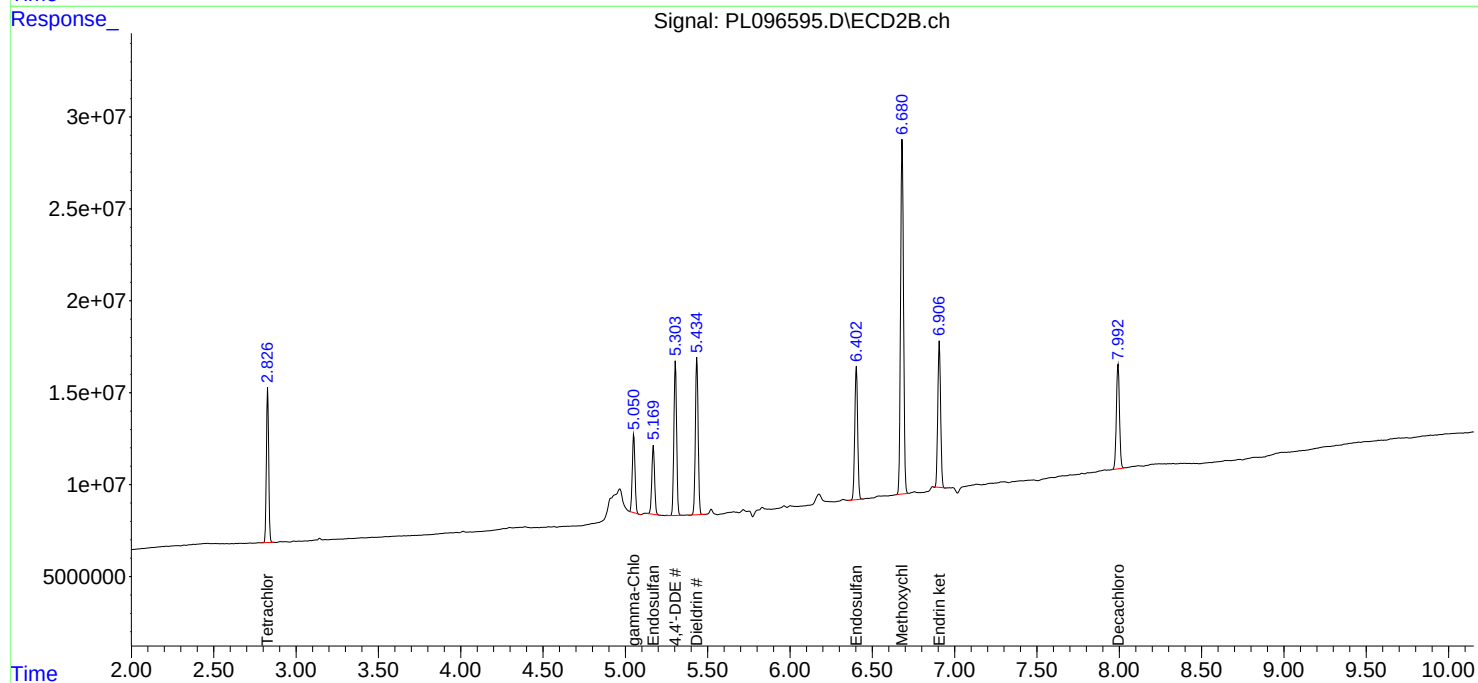
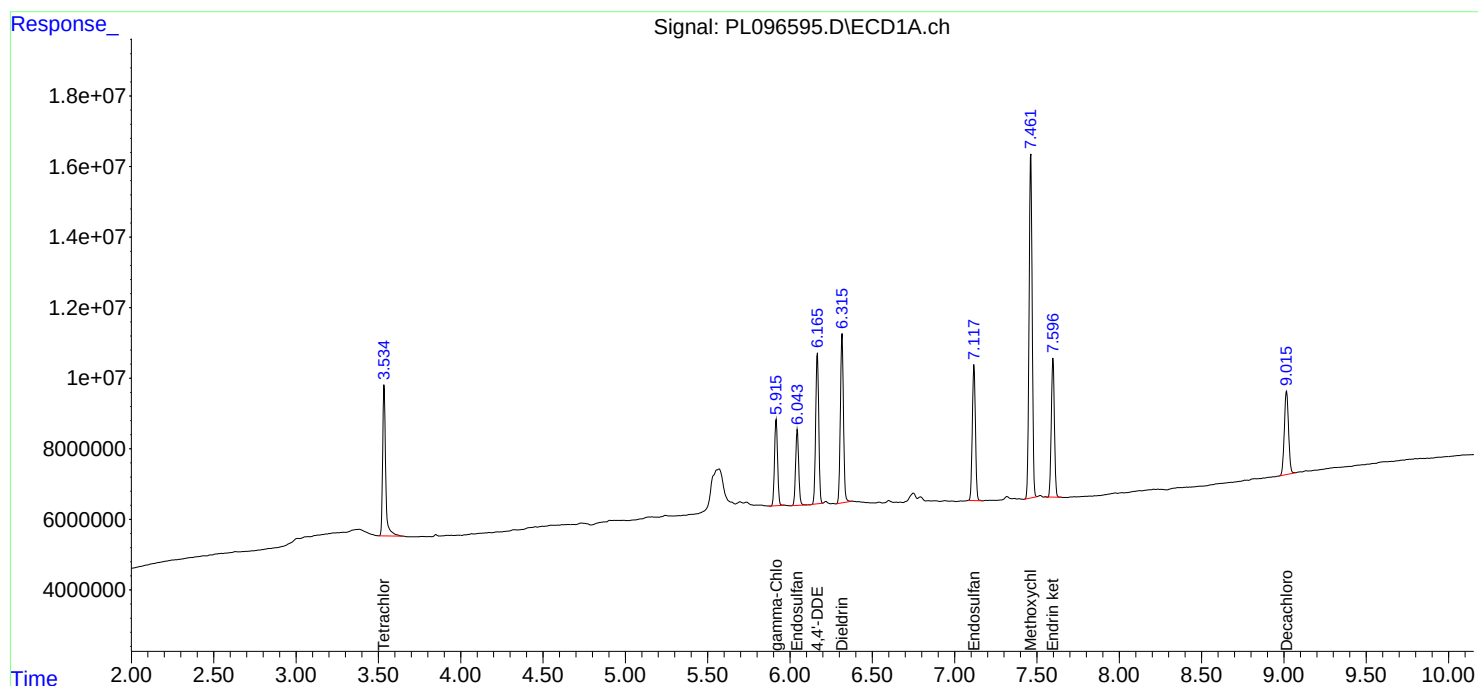
Instrument :
ECD_L
ClientSampleId :
RESCHK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/29/2025
Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:57:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: BAPS North Bergen Development Inc.	SDG No.: Q2892
Project: BAPS 2000 Tonnelle Ave	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/28/2025 07/28/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/28/2025	16:11	PL096593.D	9.02	3.54
PEM	PEM	07/28/2025	16:25	PL096594.D	9.02	3.54
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	9.02	3.54
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	9.02	3.54
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	9.02	3.54
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	9.02	3.54
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	9.02	3.54
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	9.02	3.53
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	9.02	3.54
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	9.02	3.54
PEM	PEM	08/19/2025	10:28	PL096882.D	9.01	3.53
IBLK	IBLK	08/19/2025	15:07	PL096894.D	9.00	3.53
PSTDCCC050	PSTDCCC050	08/19/2025	15:20	PL096895.D	9.00	3.53
PB169298BL	PB169298BL	08/19/2025	17:55	PL096901.D	9.00	3.53
PB169298BS	PB169298BS	08/19/2025	18:09	PL096902.D	9.00	3.53
IBLK	IBLK	08/19/2025	18:23	PL096903.D	9.00	3.53
PEM	PEM	08/19/2025	18:36	PL096904.D	9.01	3.53
PSTDCCC050	PSTDCCC050	08/19/2025	18:50	PL096905.D	9.00	3.53
1-FLOOR-NORTH-EAST-CORNER-BACK	Q2892-02	08/19/2025	19:03	PL096906.D	9.00	3.53
1-FLOOR-DRILL-B-BACK	Q2892-04	08/19/2025	19:17	PL096907.D	9.00	3.53
BACK-1-FLOOR-CENTER-MIDDLE-C	Q2892-06	08/19/2025	19:31	PL096908.D	9.00	3.53
3-FLOOR-NORTH-D	Q2892-08	08/19/2025	19:44	PL096909.D	9.00	3.53
3-FLOOR-NORTH-DMS	Q2892-08MS	08/19/2025	19:58	PL096910.D	9.00	3.53
3-FLOOR-NORTH-DMSD	Q2892-08MSD	08/19/2025	20:11	PL096911.D	9.00	3.53
3-FLOOR-SOUTH-E	Q2892-10	08/19/2025	20:25	PL096912.D	9.00	3.53
FRONT-1-FLOOR-F	Q2892-12	08/19/2025	20:39	PL096913.D	9.00	3.53
IBLK	IBLK	08/19/2025	21:06	PL096915.D	9.00	3.53
PSTDCCC050	PSTDCCC050	08/19/2025	22:27	PL096916.D	9.00	3.53

Analytical Sequence

Client: BAPS North Bergen Development Inc.	SDG No.: Q2892
Project: BAPS 2000 Tonnelle Ave	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/28/2025 07/28/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/28/2025	16:11	PL096593.D	7.99	2.83
PEM	PEM	07/28/2025	16:25	PL096594.D	7.99	2.83
RESCHK	RESCHK	07/28/2025	16:38	PL096595.D	7.99	2.83
PSTDICC100	PSTDICC100	07/28/2025	16:52	PL096596.D	7.99	2.83
PSTDICC075	PSTDICC075	07/28/2025	17:06	PL096597.D	7.99	2.83
PSTDICC050	PSTDICC050	07/28/2025	17:19	PL096598.D	7.99	2.83
PSTDICC025	PSTDICC025	07/28/2025	17:33	PL096599.D	7.99	2.83
PSTDICC005	PSTDICC005	07/28/2025	17:47	PL096600.D	7.99	2.83
PCHLORICC500	PCHLORICC500	07/28/2025	18:27	PL096603.D	7.99	2.83
PTOXICC500	PTOXICC500	07/28/2025	19:36	PL096608.D	7.99	2.83
PEM	PEM	08/19/2025	10:28	PL096882.D	7.99	2.82
IBLK	IBLK	08/19/2025	15:07	PL096894.D	7.99	2.83
PSTDCCC050	PSTDCCC050	08/19/2025	15:20	PL096895.D	7.99	2.83
PB169298BL	PB169298BL	08/19/2025	17:55	PL096901.D	7.99	2.83
PB169298BS	PB169298BS	08/19/2025	18:09	PL096902.D	7.99	2.83
IBLK	IBLK	08/19/2025	18:23	PL096903.D	7.99	2.83
PEM	PEM	08/19/2025	18:36	PL096904.D	7.99	2.83
PSTDCCC050	PSTDCCC050	08/19/2025	18:50	PL096905.D	7.99	2.83
1-FLOOR-NORTH-EAST-CORNER-BAC	Q2892-02	08/19/2025	19:03	PL096906.D	7.99	2.83
1-FLOOR-DRILL-B-BACK	Q2892-04	08/19/2025	19:17	PL096907.D	7.99	2.83
BACK-1-FLOOR-CENTER-MIDDLE-C	Q2892-06	08/19/2025	19:31	PL096908.D	7.99	2.83
3-FLOOR-NORTH-D	Q2892-08	08/19/2025	19:44	PL096909.D	7.99	2.83
3-FLOOR-NORTH-DMS	Q2892-08MS	08/19/2025	19:58	PL096910.D	7.99	2.83
3-FLOOR-NORTH-DMSD	Q2892-08MSD	08/19/2025	20:11	PL096911.D	7.99	2.83
3-FLOOR-SOUTH-E	Q2892-10	08/19/2025	20:25	PL096912.D	7.99	2.83
FRONT-1-FLOOR-F	Q2892-12	08/19/2025	20:39	PL096913.D	7.99	2.83
IBLK	IBLK	08/19/2025	21:06	PL096915.D	7.99	2.83
PSTDCCC050	PSTDCCC050	08/19/2025	22:27	PL096916.D	7.99	2.83

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

1-FLOOR-DRILL-B-BACK

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-04

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
4,4'-DDT	1	6.98	6.93	7.03	1.00	40
	2	6.10	6.05	6.15	1.50	
Endosulfan sulfate	1	7.13	7.08	7.18	1.30	16.7
	2	6.39	6.34	6.44	1.10	
4,4'-DDE	1	6.16	6.11	6.21	0.86	1.7
	2	5.30	5.25	5.35	0.88	
Dieldrin	1	6.31	6.26	6.36	0.25	87.2
	2	5.43	5.38	5.48	0.62	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

1-FLOOR-NORTH-EAST-CORN

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-02

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
4,4'-DDT	1	6.98	6.93	7.03	1.10	30.8
	2	6.10	6.05	6.15	1.50	
alpha-Chlordane	1	5.99	5.94	6.04	0.56	89.2
	2	5.11	5.06	5.16	0.22	
4,4'-DDE	1	6.16	6.11	6.21	1.30	0
	2	5.30	5.25	5.35	1.30	
Dieldrin	1	6.31	6.26	6.36	0.22	111.3
	2	5.43	5.38	5.48	0.78	
Endrin	1	6.53	6.48	6.58	0.19	82.5
	2	5.71	5.66	5.76	0.46	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

3-FLOOR-NORTH-DMS

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-08MS

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
Endosulfan II	1	6.75	6.70	6.80	18.7	7.8
	2	6.00	5.95	6.05	17.3	
4,4'-DDD	1	6.67	6.62	6.72	19.7	11.3
	2	5.85	5.80	5.90	17.6	
4,4'-DDT	1	6.98	6.93	7.03	17.9	5.7
	2	6.10	6.05	6.15	16.9	
Endrin aldehyde	1	6.88	6.83	6.93	16.1	9.8
	2	6.18	6.13	6.23	14.6	
Endosulfan sulfate	1	7.11	7.06	7.16	16.1	0
	2	6.40	6.35	6.45	16.1	
Methoxychlor	1	7.45	7.40	7.50	16.9	0.6
	2	6.68	6.63	6.73	17.0	
Endrin ketone	1	7.59	7.54	7.64	17.3	0.6
	2	6.90	6.85	6.95	17.2	
alpha-BHC	1	3.98	3.93	4.03	18.8	3.2
	2	3.33	3.28	3.38	18.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	18.8	3.8
	2	3.66	3.61	3.71	18.1	
Heptachlor	1	4.90	4.85	4.95	19.9	11.1
	2	4.01	3.96	4.06	17.8	
Aldrin	1	5.24	5.19	5.29	18.8	2.7
	2	4.29	4.24	4.34	18.3	
beta-BHC	1	4.49	4.44	4.54	19.7	7.9
	2	3.96	3.91	4.01	18.2	
delta-BHC	1	4.74	4.69	4.79	15.9	7.2
	2	4.19	4.14	4.24	14.8	
Heptachlor epoxide	1	5.66	5.61	5.71	19.7	7.9
	2	4.80	4.75	4.85	18.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

3-FLOOR-NORTH-DMS

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-08MS

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
Endosulfan I	1	6.04	5.99	6.09	18.7	6.1
	2	5.17	5.12	5.22	17.6	
gamma-Chlordane	1	5.91	5.86	5.96	19.6	6.9
	2	5.05	5.00	5.10	18.3	
alpha-Chlordane	1	5.99	5.94	6.04	18.7	3.3
	2	5.11	5.06	5.16	18.1	
4,4'-DDE	1	6.16	6.11	6.21	19.3	4.2
	2	5.30	5.25	5.35	18.5	
Dieldrin	1	6.31	6.26	6.36	18.3	1.6
	2	5.43	5.38	5.48	18.6	
Endrin	1	6.53	6.48	6.58	19.1	7
	2	5.71	5.66	5.76	17.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

3-FLOOR-NORTH-DMSD

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-08MSD

Date(s) Analyzed: 08/19/2025

08/19/2025

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		
Endosulfan II	1	6.75	6.70	6.80	18.6	6.1
	2	6.00	5.95	6.05	17.5	
4,4'-DDD	1	6.67	6.62	6.72	19.7	10.1
	2	5.85	5.80	5.90	17.8	
4,4'-DDT	1	6.98	6.93	7.03	17.8	3.4
	2	6.10	6.05	6.15	17.2	
Endrin aldehyde	1	6.88	6.83	6.93	16.2	9.7
	2	6.17	6.12	6.22	14.7	
Endosulfan sulfate	1	7.11	7.06	7.16	16.2	3.1
	2	6.40	6.35	6.45	15.7	
Methoxychlor	1	7.45	7.40	7.50	17.0	0
	2	6.68	6.63	6.73	17.0	
Endrin ketone	1	7.59	7.54	7.64	17.3	0
	2	6.90	6.85	6.95	17.3	
alpha-BHC	1	3.98	3.93	4.03	19.0	2.7
	2	3.33	3.28	3.38	18.5	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	19.0	3.2
	2	3.66	3.61	3.71	18.4	
Heptachlor	1	4.90	4.85	4.95	19.8	9.5
	2	4.01	3.96	4.06	18.0	
Aldrin	1	5.24	5.19	5.29	18.8	2.2
	2	4.29	4.24	4.34	18.4	
beta-BHC	1	4.49	4.44	4.54	19.6	6.3
	2	3.96	3.91	4.01	18.4	
delta-BHC	1	4.74	4.69	4.79	15.9	6.5
	2	4.19	4.14	4.24	14.9	
Heptachlor epoxide	1	5.66	5.61	5.71	19.4	5.8
	2	4.80	4.75	4.85	18.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

3-FLOOR-NORTH-DMSD

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: Q2892-08MSD

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
Endosulfan I	1	6.04	5.99	6.09	18.6	5.5
	2	5.17	5.12	5.22	17.6	
gamma-Chlordane	1	5.91	5.86	5.96	19.4	4.7
	2	5.05	5.00	5.10	18.5	
alpha-Chlordane	1	5.99	5.94	6.04	19.0	4.3
	2	5.11	5.06	5.16	18.2	
4,4'-DDE	1	6.16	6.11	6.21	19.4	4.2
	2	5.30	5.25	5.35	18.6	
Dieldrin	1	6.31	6.26	6.36	18.7	1.1
	2	5.43	5.38	5.48	18.5	
Endrin	1	6.53	6.48	6.58	19.0	6
	2	5.70	5.65	5.75	17.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169298BS

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: PB169298BS

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
4,4'-DDD	1	6.67	6.62	6.72	17.4	3.5
	2	5.85	5.80	5.90	16.8	
4,4'-DDT	1	6.98	6.93	7.03	16.3	2.5
	2	6.10	6.05	6.15	15.9	
alpha-BHC	1	3.98	3.93	4.03	16.8	0.6
	2	3.33	3.28	3.38	16.9	
Aldrin	1	5.24	5.19	5.29	16.9	0
	2	4.29	4.24	4.34	16.9	
beta-BHC	1	4.49	4.44	4.54	17.2	2.9
	2	3.96	3.91	4.01	16.7	
alpha-Chlordane	1	5.99	5.94	6.04	16.8	0.6
	2	5.11	5.06	5.16	16.7	
4,4'-DDE	1	6.16	6.11	6.21	16.9	0
	2	5.30	5.25	5.35	16.9	
Endosulfan II	1	6.75	6.70	6.80	16.7	1.8
	2	6.00	5.95	6.05	16.4	
Endrin aldehyde	1	6.88	6.83	6.93	17.7	0.6
	2	6.17	6.12	6.22	17.6	
Endosulfan sulfate	1	7.11	7.06	7.16	16.3	1.9
	2	6.40	6.35	6.45	16.0	
Methoxychlor	1	7.45	7.40	7.50	15.7	0.6
	2	6.68	6.63	6.73	15.8	
Endrin ketone	1	7.59	7.54	7.64	16.3	0
	2	6.90	6.85	6.95	16.3	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	17.1	1.2
	2	3.66	3.61	3.71	16.9	
Heptachlor	1	4.90	4.85	4.95	18.0	8.1
	2	4.01	3.96	4.06	16.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169298BS

Lab Name: Alliance

Contract: BAPS03

Lab Code: ACE

SDG NO.: Q2892

Lab Sample ID: PB169298BS

Date(s) Analyzed: 08/19/2025 08/19/2025

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		
delta-BHC	1	4.74	4.69	4.79	17.6	4.1
	2	4.19	4.14	4.24	16.9	
Heptachlor epoxide	1	5.65	5.60	5.70	17.4	4.1
	2	4.80	4.75	4.85	16.7	
Endosulfan I	1	6.04	5.99	6.09	16.5	2.5
	2	5.17	5.12	5.22	16.1	
gamma-Chlordane	1	5.91	5.86	5.96	17.2	1.2
	2	5.05	5.00	5.10	17.0	
Dieldrin	1	6.31	6.26	6.36	16.6	0.6
	2	5.43	5.38	5.48	16.7	
Endrin	1	6.53	6.48	6.58	16.9	2.4
	2	5.70	5.65	5.75	16.5	



QC SAMPLE DATA

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	PB169298BL	SDG No.:	Q2892
Lab Sample ID:	PB169298BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096901.D	1	08/19/25 08:41	08/19/25 17:55	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.5		30 (20) - 150 (144)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		30 (19) - 150 (148)	93%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:		
Project:	BAPS 2000 Tonnelles Ave		Date Received:		
Client Sample ID:	PB169298BL		SDG No.:	Q2892	
Lab Sample ID:	PB169298BL		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096901.D	1	08/19/25 08:41	08/19/25 17:55	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
Data File : PL096901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:55
Operator : AR\AJ
Sample : PB169298BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169298BL

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:38:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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	2.826	58936358	89276745	18.529	18.686
28) SA Decachlor...	9.001	7.986	48787189	82046735	20.459m	18.912

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:55
Operator : AR\AJ
Sample : PB169298BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

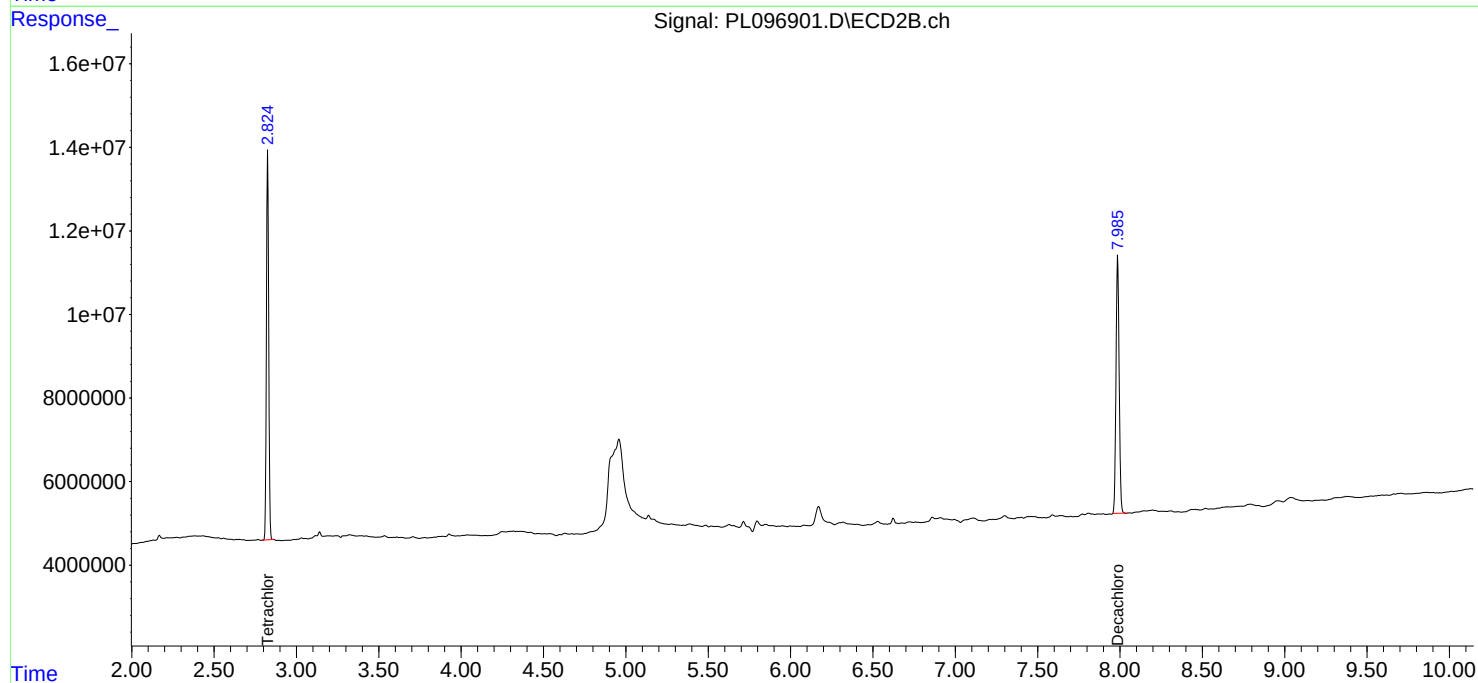
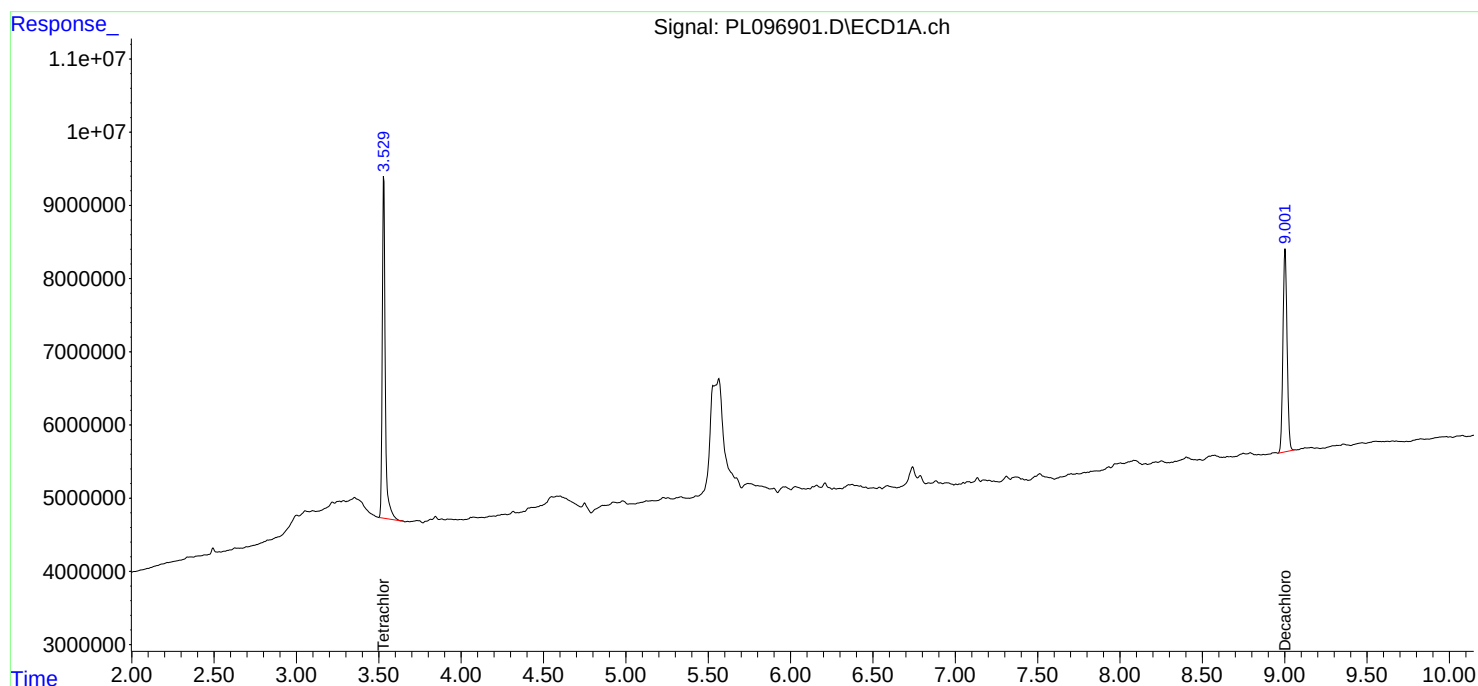
Instrument :
ECD_L
ClientSampleId :
PB169298BL

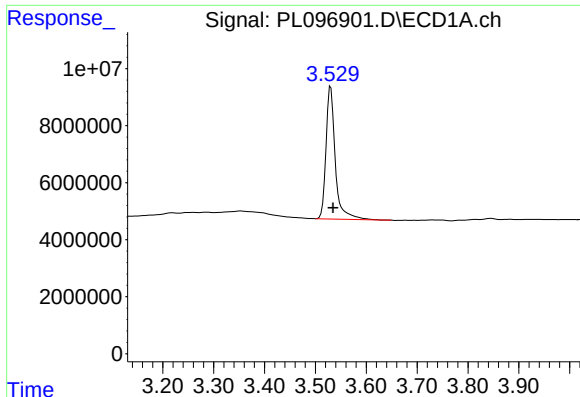
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:38:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





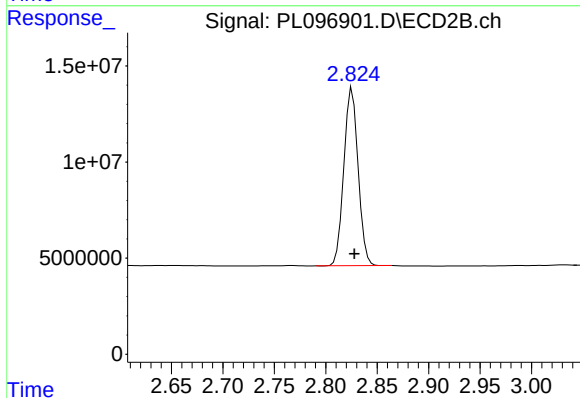
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 58936358
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169298BL

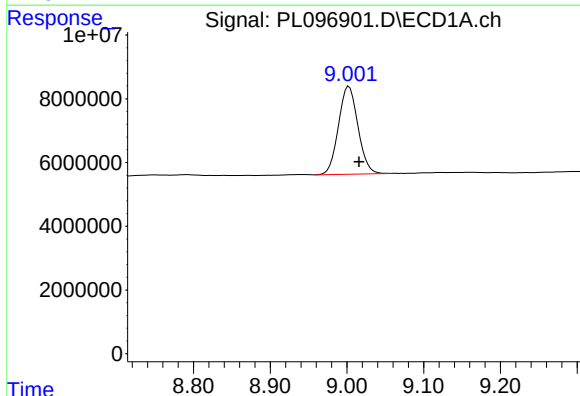
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



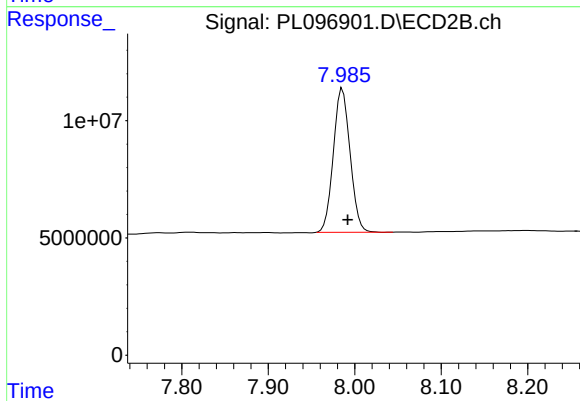
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 89276745
Conc: 18.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.015 min
Response: 48787189
Conc: 20.46 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 82046735
Conc: 18.91 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	07/28/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	07/28/25	
Client Sample ID:	PIBLK-PL096593.D		SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096593.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096593.D	1		07/28/25	pl072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.2		30 (57) - 150 (171)	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		30 (61) - 150 (148)	93%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	07/28/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	07/28/25	
Client Sample ID:	PIBLK-PL096593.D		SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096593.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096593.D	1		07/28/25	pl072825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL072825\
Data File : PL096593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 16:11
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:56:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.828	59301554	87523738	18.644	18.319
28)	SA Decachlor...	9.016	7.993	45808507	82684633	19.210	19.059

Target Compounds

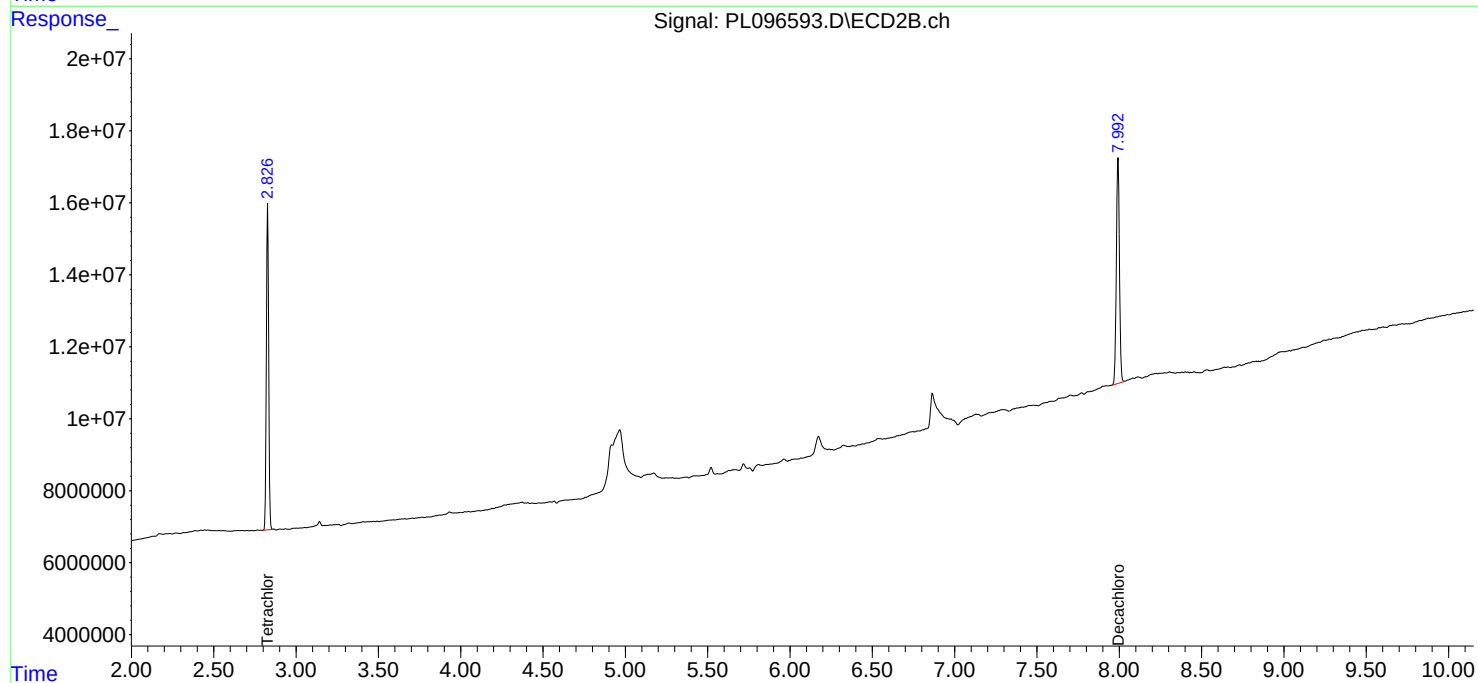
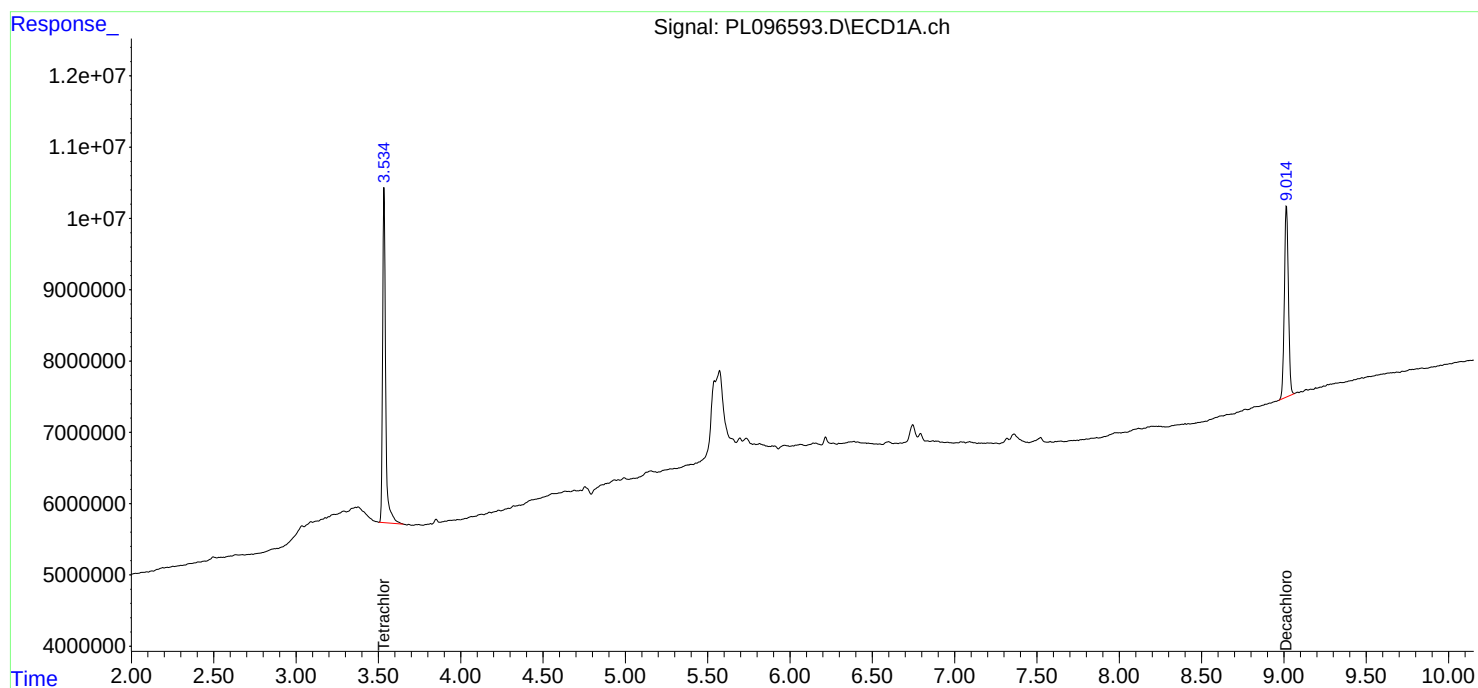
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

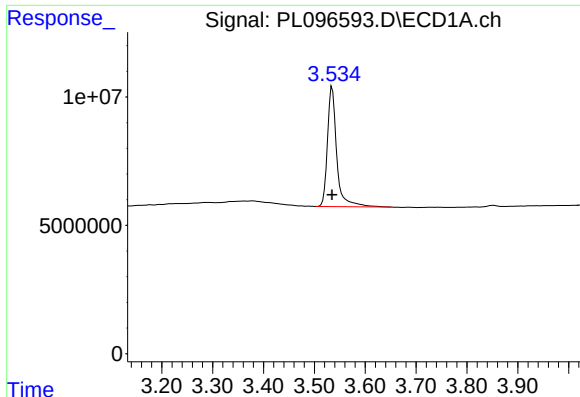
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 16:11
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 08:56:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

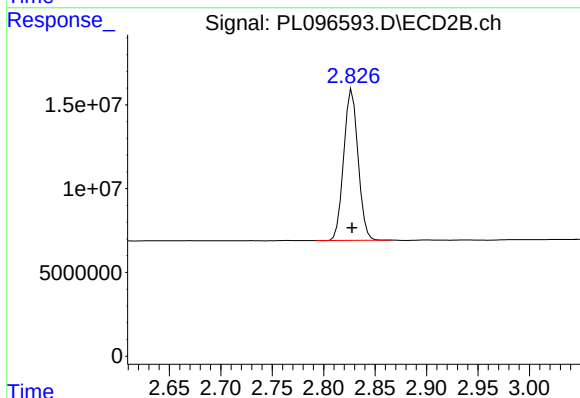




#1 Tetrachloro-m-xylene

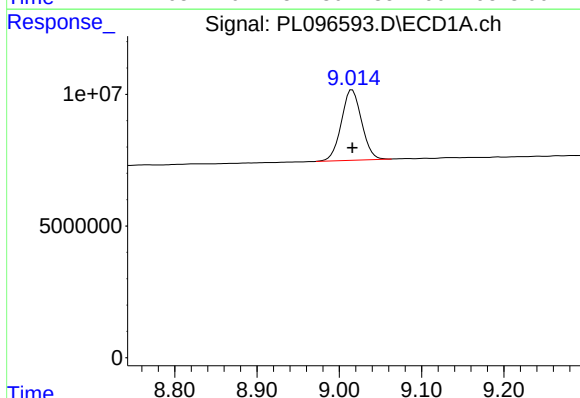
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 59301554
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



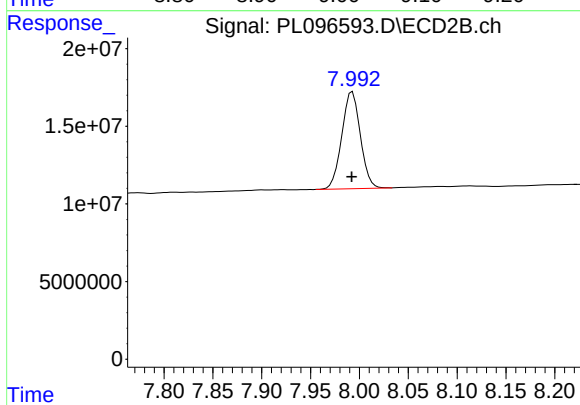
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 87523738
Conc: 18.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 45808507
Conc: 19.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 82684633
Conc: 19.06 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/19/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/19/25
Client Sample ID:	PIBLK-PL096894.D	SDG No.:	Q2892
Lab Sample ID:	I.BLK-PL096894.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096894.D	1		08/19/25	pl081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		30 (57) - 150 (171)	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		30 (61) - 150 (148)	117%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/19/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/19/25	
Client Sample ID:	PIBLK-PL096894.D		SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096894.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096894.D	1		08/19/25	p1081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:07
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:37:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	72573309	111.3E6	22.816	23.304
28) SA Decachlor...	9.002	7.986	58976343	87095585	24.732m	20.076

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:07
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

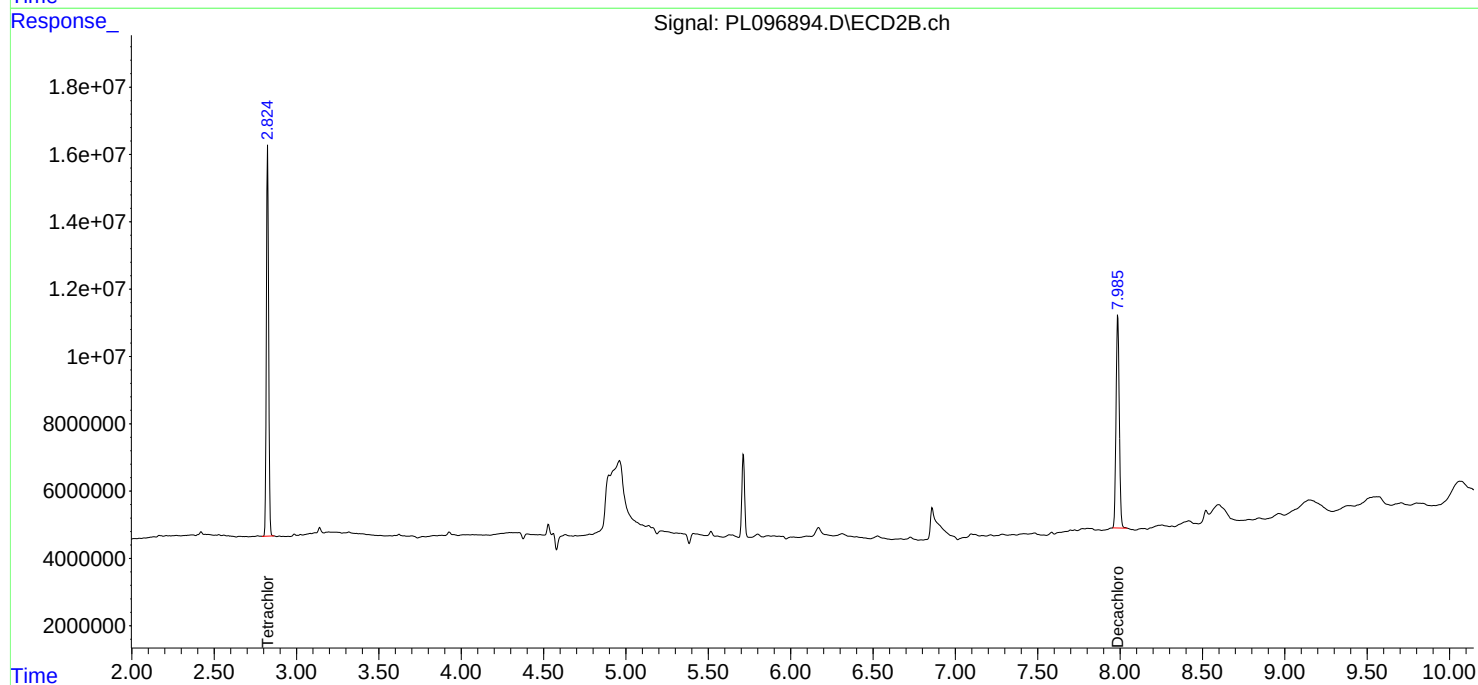
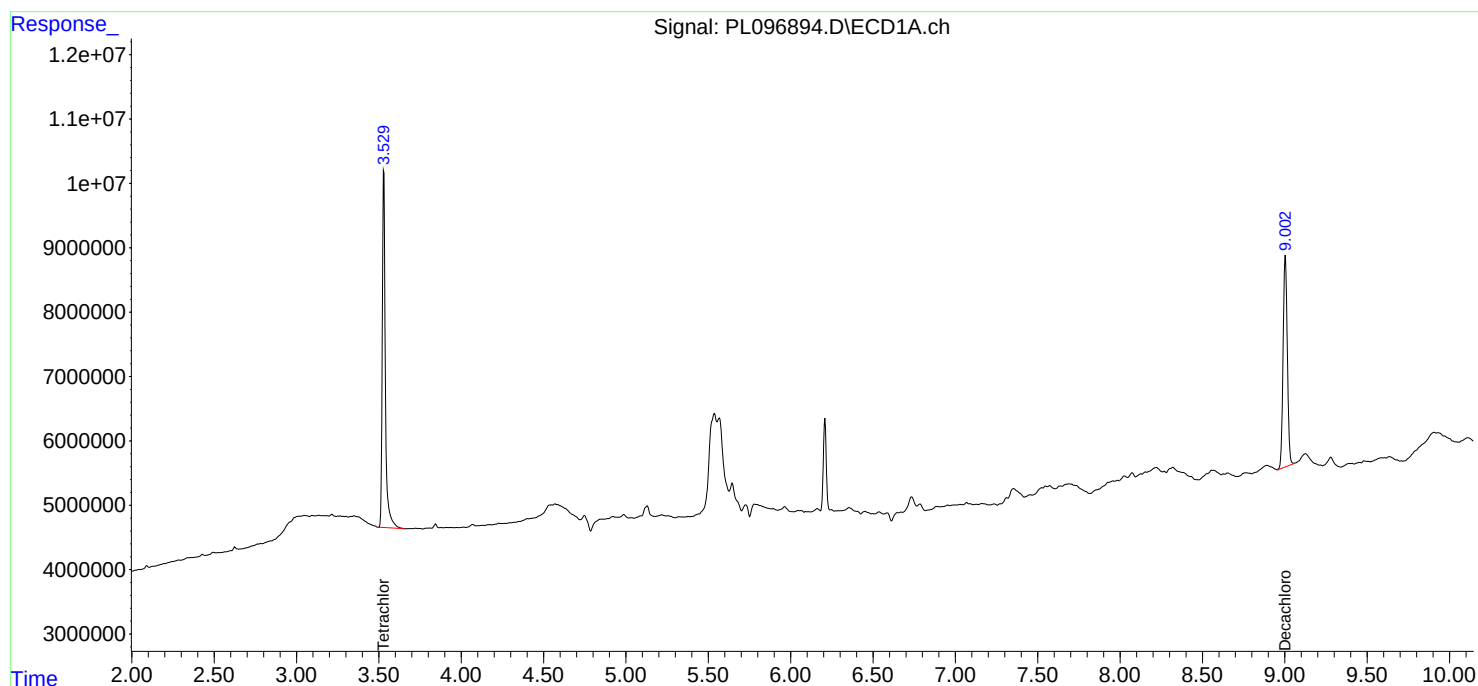
Instrument :
ECD_L
ClientSampleId :
I.BLK

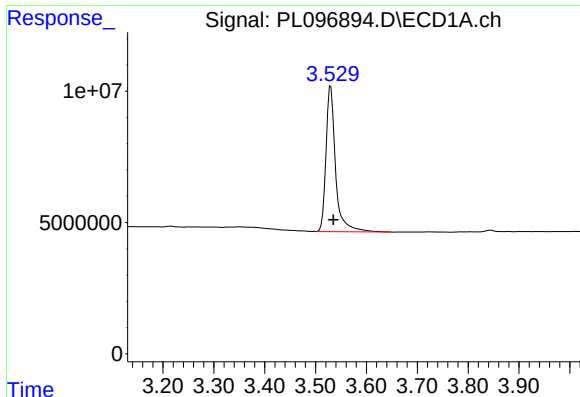
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





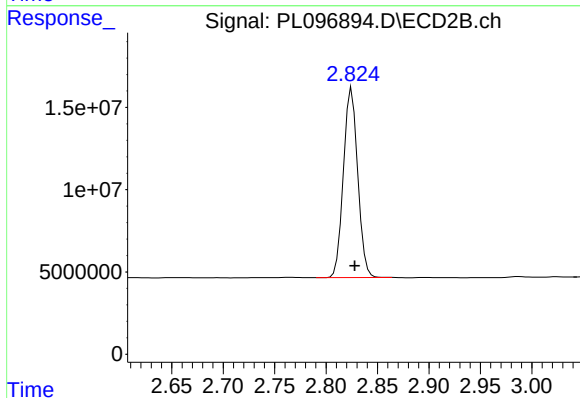
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 72573309
Conc: 22.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

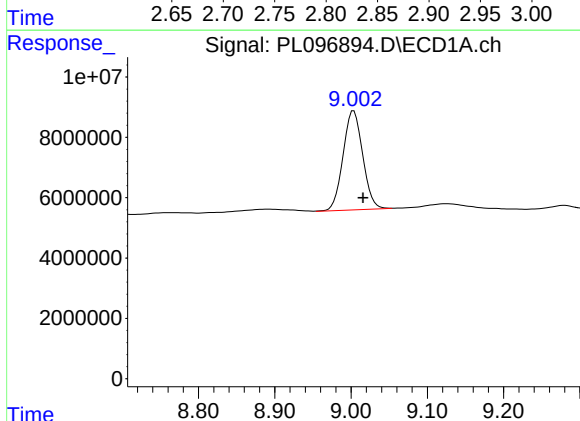
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



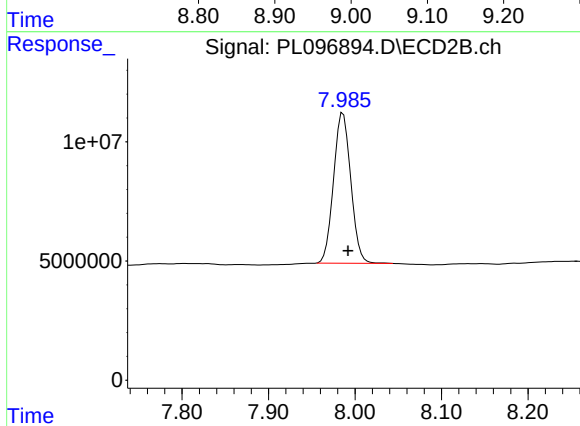
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 111343504
Conc: 23.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 58976343
Conc: 24.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 87095585
Conc: 20.08 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.			Date Collected:	08/19/25	
Project:	BAPS 2000 Tonnelle Ave			Date Received:	08/19/25	
Client Sample ID:	PIBLK-PL096903.D			SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096903.D			Matrix:	WATER	
Analytical Method:	8081B			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			
Prep Method :	3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096903.D	1		08/19/25	pl081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		30 (57) - 150 (171)	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.8		30 (61) - 150 (148)	114%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/19/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/19/25	
Client Sample ID:	PIBLK-PL096903.D		SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096903.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096903.D	1		08/19/25	p1081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 18:23
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	71791071	108.9E6	22.570	22.789
2) SA Decachlor...	9.002	7.986	58976888	99850051	24.732m	23.016

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 18:23
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

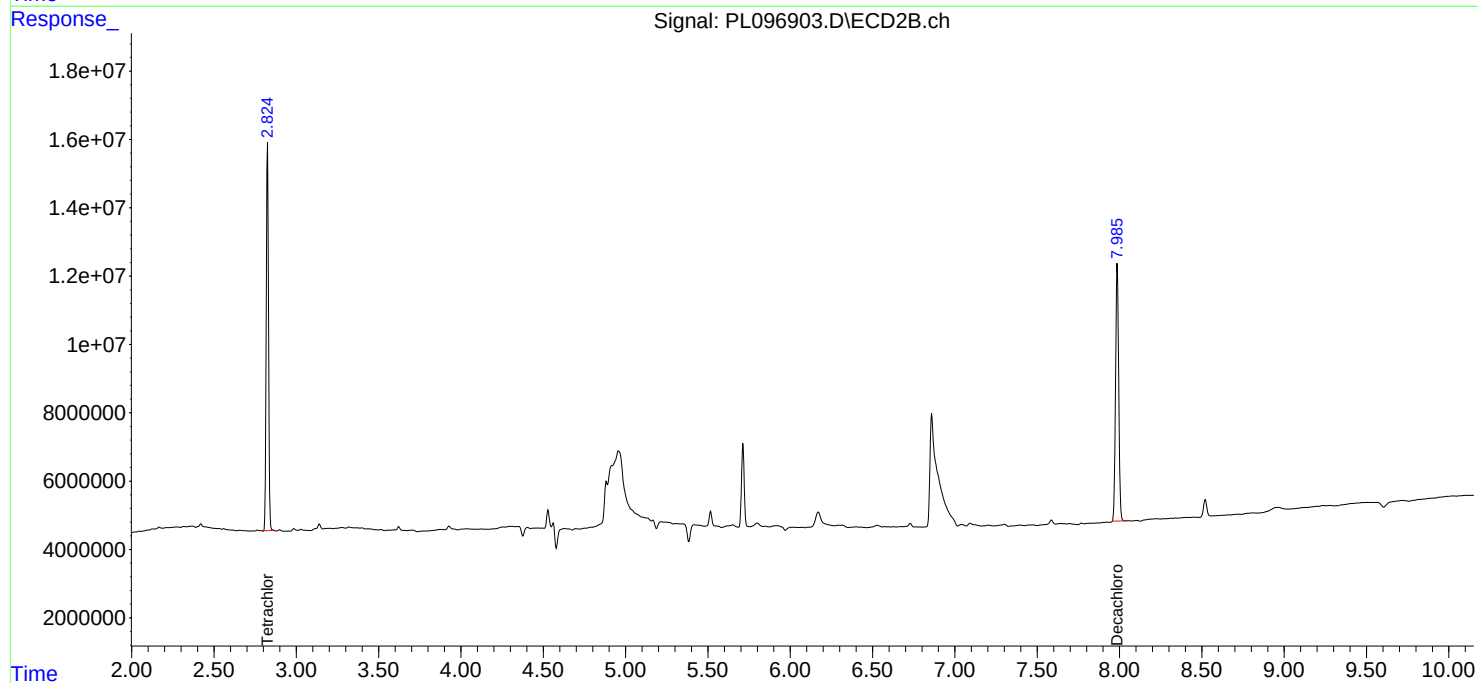
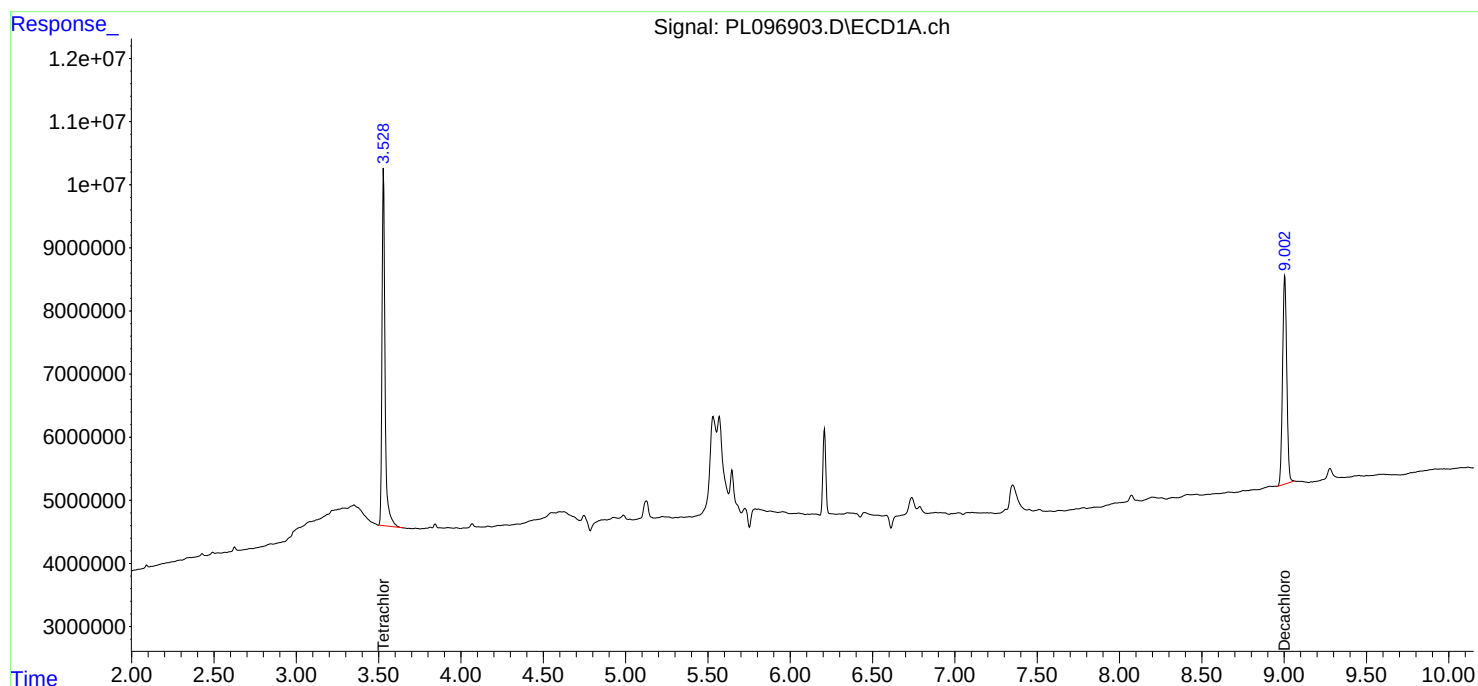
Instrument :
ECD_L
ClientSampleId :
I.BLK

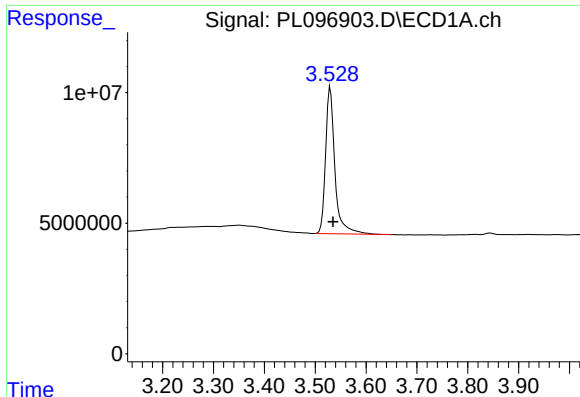
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





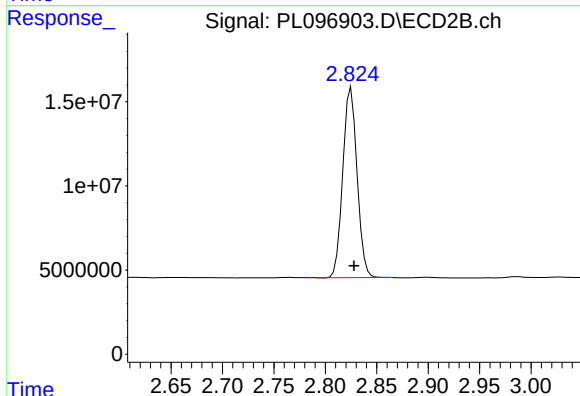
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 71791071
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

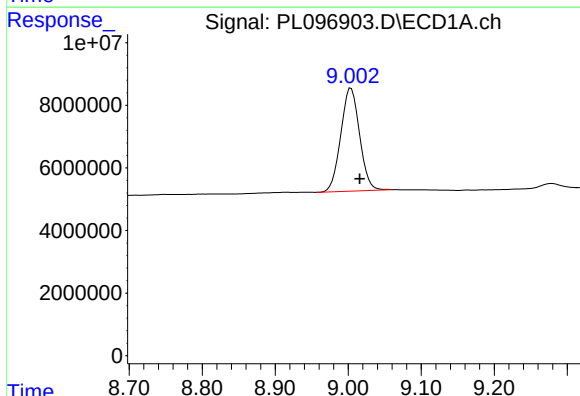
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



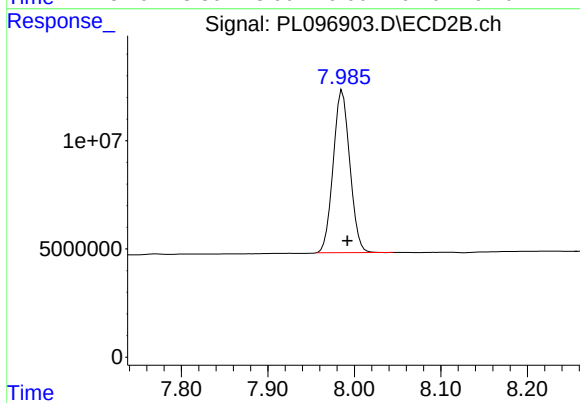
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 108882978
Conc: 22.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.013 min
Response: 58976888
Conc: 24.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 99850051
Conc: 23.02 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/19/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/19/25
Client Sample ID:	PIBLK-PL096915.D	SDG No.:	Q2892
Lab Sample ID:	I.BLK-PL096915.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096915.D	1		08/19/25	pl081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		30 (57) - 150 (171)	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		30 (61) - 150 (148)	113%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/19/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/19/25	
Client Sample ID:	PIBLK-PL096915.D		SDG No.:	Q2892	
Lab Sample ID:	I.BLK-PL096915.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096915.D	1		08/19/25	p1081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 21:06
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:40:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	71699464	107.9E6	22.541	22.589
2) SA Decachlor...	9.003	7.986	57333253	71385900	24.043m	16.455 #

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

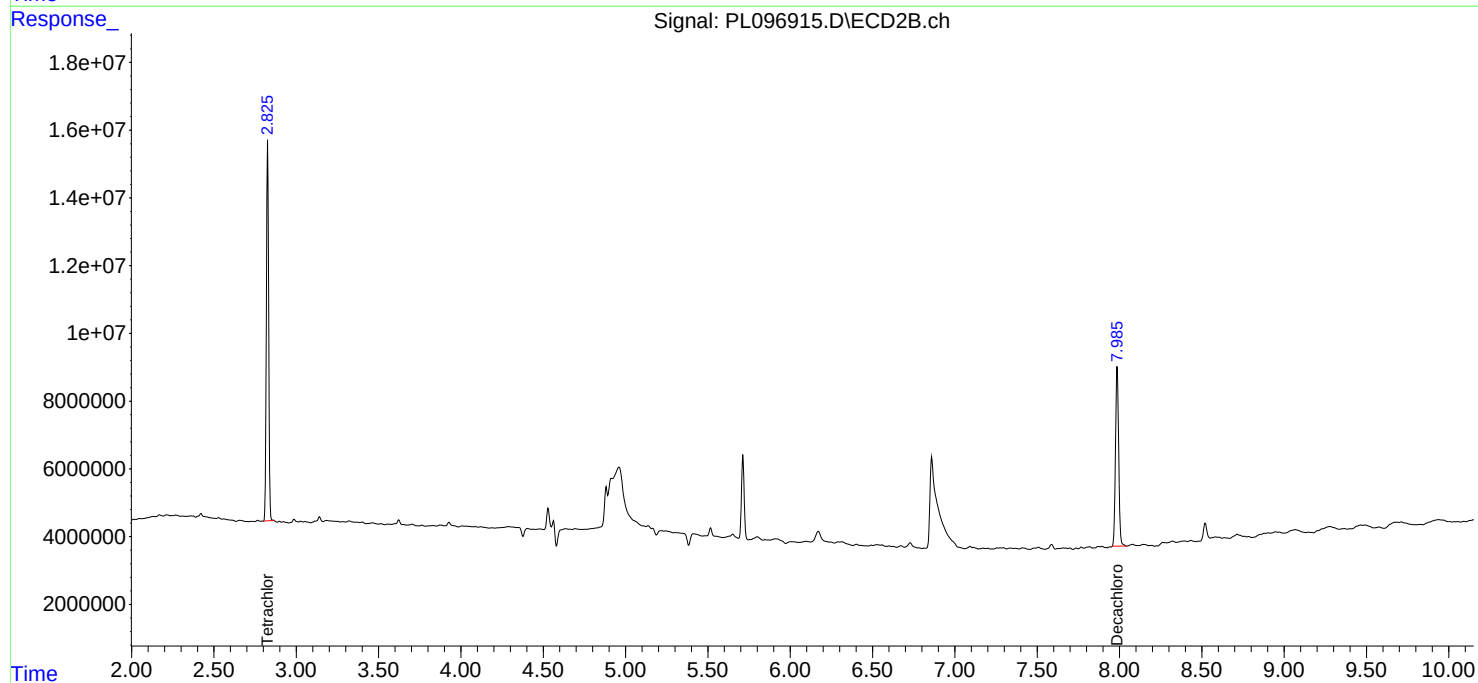
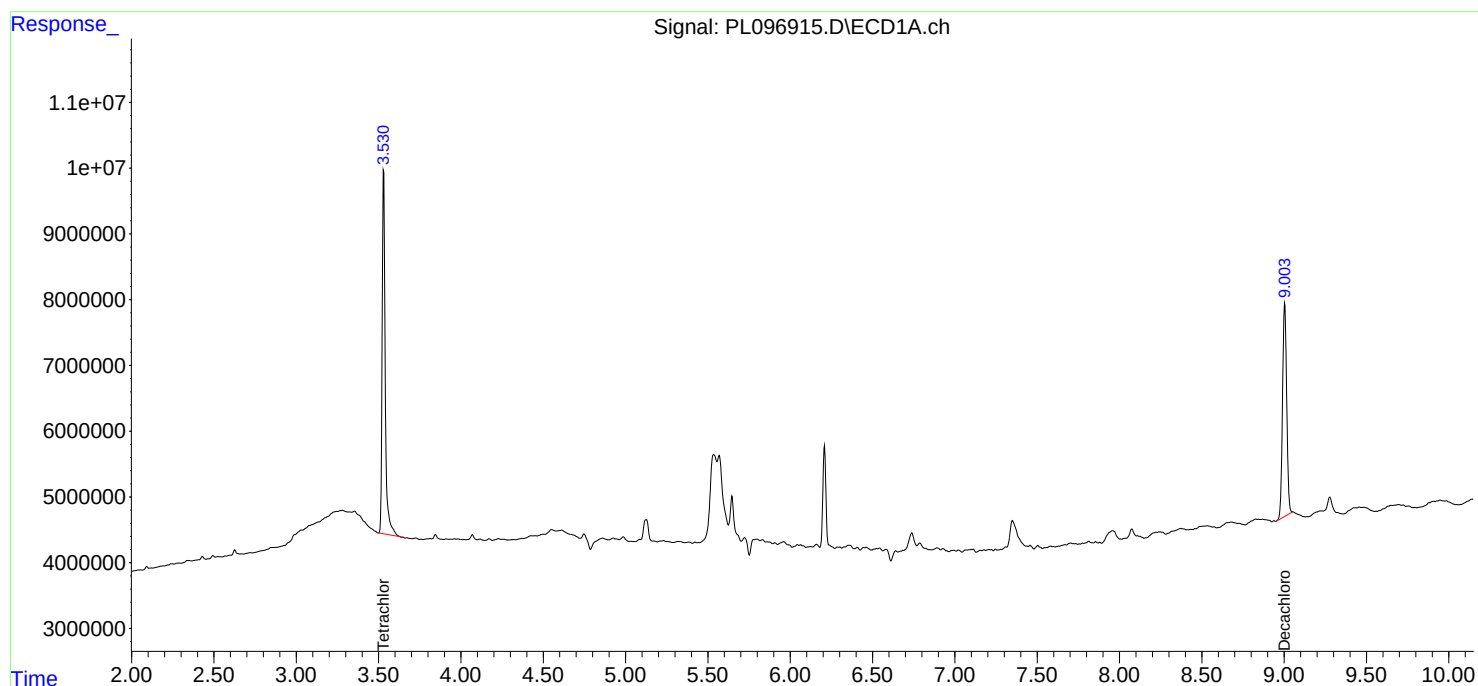
Instrument :
ECD_L
ClientSampleId :
I.BLK

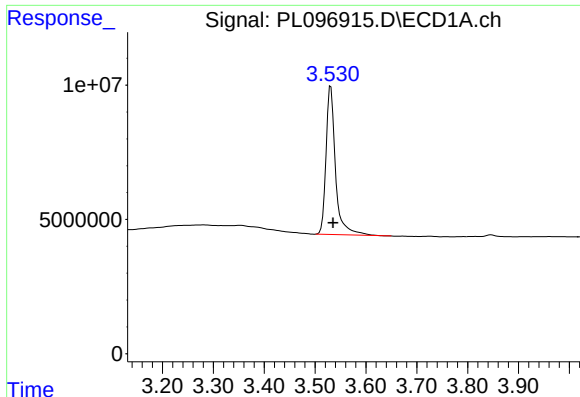
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:40:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





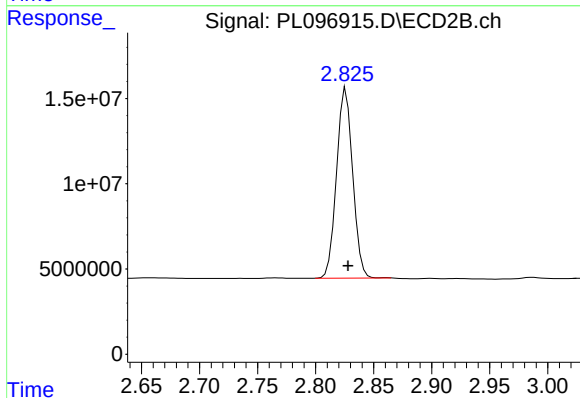
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 71699464
Conc: 22.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK

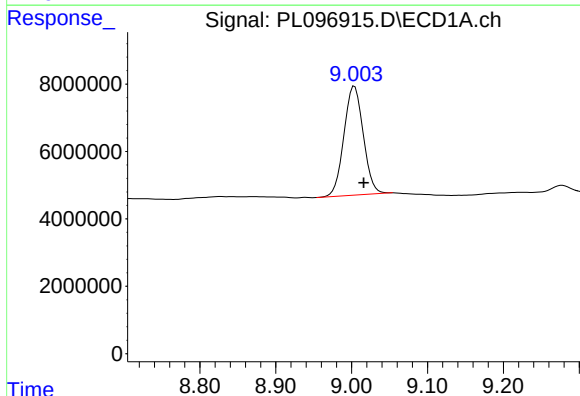
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



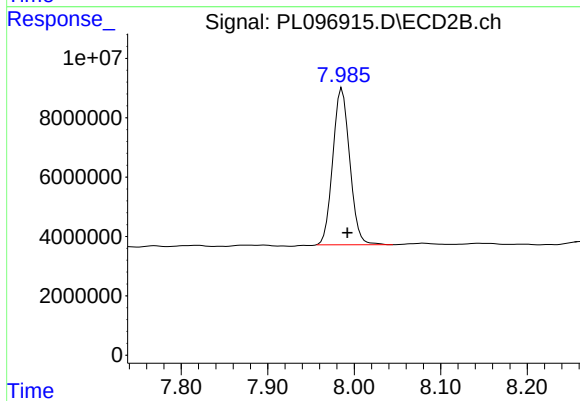
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 107926157
Conc: 22.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 57333253
Conc: 24.04 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 71385900
Conc: 16.45 ng/ml

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelles Ave	Date Received:	
Client Sample ID:	PB169298BS	SDG No.:	Q2892
Lab Sample ID:	PB169298BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096902.D	1	08/19/25 08:41	08/19/25 18:09	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.9		0.13	1.70	ug/kg
319-85-7	beta-BHC	17.2		0.18	1.70	ug/kg
319-86-8	delta-BHC	17.6		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	17.1		0.14	1.70	ug/kg
76-44-8	Heptachlor	18.0		0.12	1.70	ug/kg
309-00-2	Aldrin	16.9		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	17.4		0.19	1.70	ug/kg
959-98-8	Endosulfan I	16.5		0.14	1.70	ug/kg
60-57-1	Dieldrin	16.7		0.14	1.70	ug/kg
72-55-9	4,4-DDE	16.9		0.14	1.70	ug/kg
72-20-8	Endrin	16.9		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	16.7		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.4		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.3		0.13	1.70	ug/kg
50-29-3	4,4-DDT	16.3		0.14	1.70	ug/kg
72-43-5	Methoxychlor	15.8		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	16.3		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.7		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	16.8		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.2		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		30 (20) - 150 (144)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		30 (19) - 150 (148)	94%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:		
Project:	BAPS 2000 Tonnelles Ave		Date Received:		
Client Sample ID:	PB169298BS		SDG No.:	Q2892	
Lab Sample ID:	PB169298BS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096902.D	1	08/19/25 08:41	08/19/25 18:09	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 18:09
 Operator : AR\AJ
 Sample : PB169298BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169298BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:38:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	59733511	90181286	18.779	18.875
28)	SA Decachlor...	9.001	7.986	50000213	83581175	20.967m	19.266
Target Compounds							
2)	A alpha-BHC	3.977	3.330	234.0E6	358.8E6	50.588	50.701
3)	MA gamma-BHC...	4.303	3.662	226.7E6	335.2E6	51.243m	50.759
4)	MA Heptachlor	4.896	4.010	224.1E6	332.2E6	53.928	49.865
5)	MB Aldrin	5.235	4.293	217.9E6	315.0E6	50.669	50.753
6)	B beta-BHC	4.490	3.958	93226637	141.6E6	51.650m	50.186
7)	B delta-BHC	4.737	4.191	210.3E6	329.1E6	52.714	50.839
8)	B Heptachlo...	5.654	4.795	201.4E6	287.0E6	52.234	50.254
9)	A Endosulfan I	6.036	5.165	178.7E6	267.1E6	49.681	48.288
10)	B gamma-Chl...	5.908	5.046	196.5E6	299.9E6	51.640	51.006
11)	B alpha-Chl...	5.988	5.110	194.9E6	295.2E6	50.566	50.042
12)	B 4,4'-DDE	6.159	5.299	162.6E6	280.3E6	50.620	50.834
13)	MA Dieldrin	6.308	5.430	184.7E6	295.8E6	49.758	50.073
14)	MA Endrin	6.533	5.704	153.4E6	268.3E6	50.670m	49.631
15)	B Endosulfa...	6.748	5.996	160.1E6	252.6E6	49.997	49.171
16)	A 4,4'-DDD	6.667	5.851	132.2E6	237.2E6	52.270	50.408
17)	MA 4,4'-DDT	6.981	6.104	140.1E6	241.0E6	48.849	47.643
18)	B Endrin al...	6.876	6.174	113.9E6	191.8E6	53.079	52.755
19)	B Endosulfa...	7.108	6.398	140.8E6	244.5E6	48.994m	48.071
20)	A Methoxychlor	7.454	6.675	69173434	130.3E6	47.109	47.545m
21)	B Endrin ke...	7.589	6.902	147.0E6	272.6E6	48.900	48.937
22)	Mirex	8.066	7.092	119.1E6	208.4E6	48.022m	47.787

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 18:09
Operator : AR\AJ
Sample : PB169298BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB169298BS

Manual Integrations

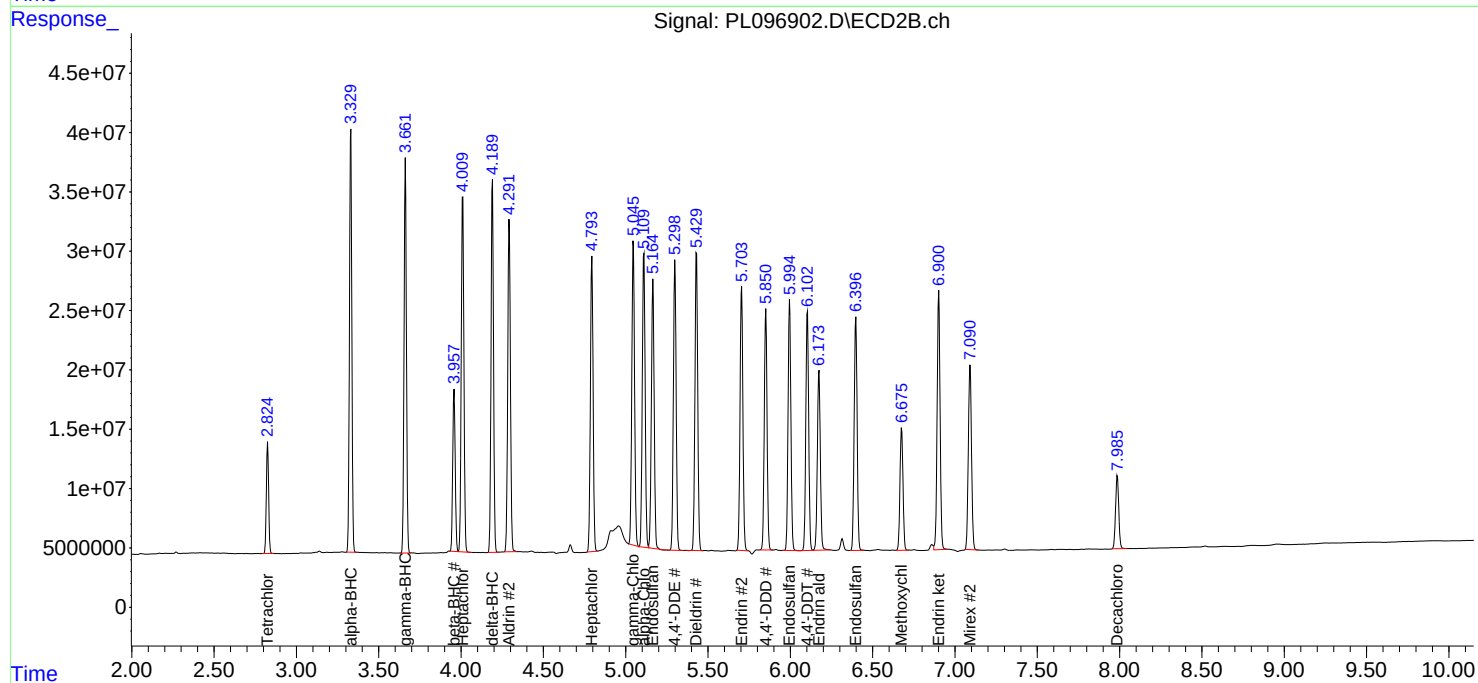
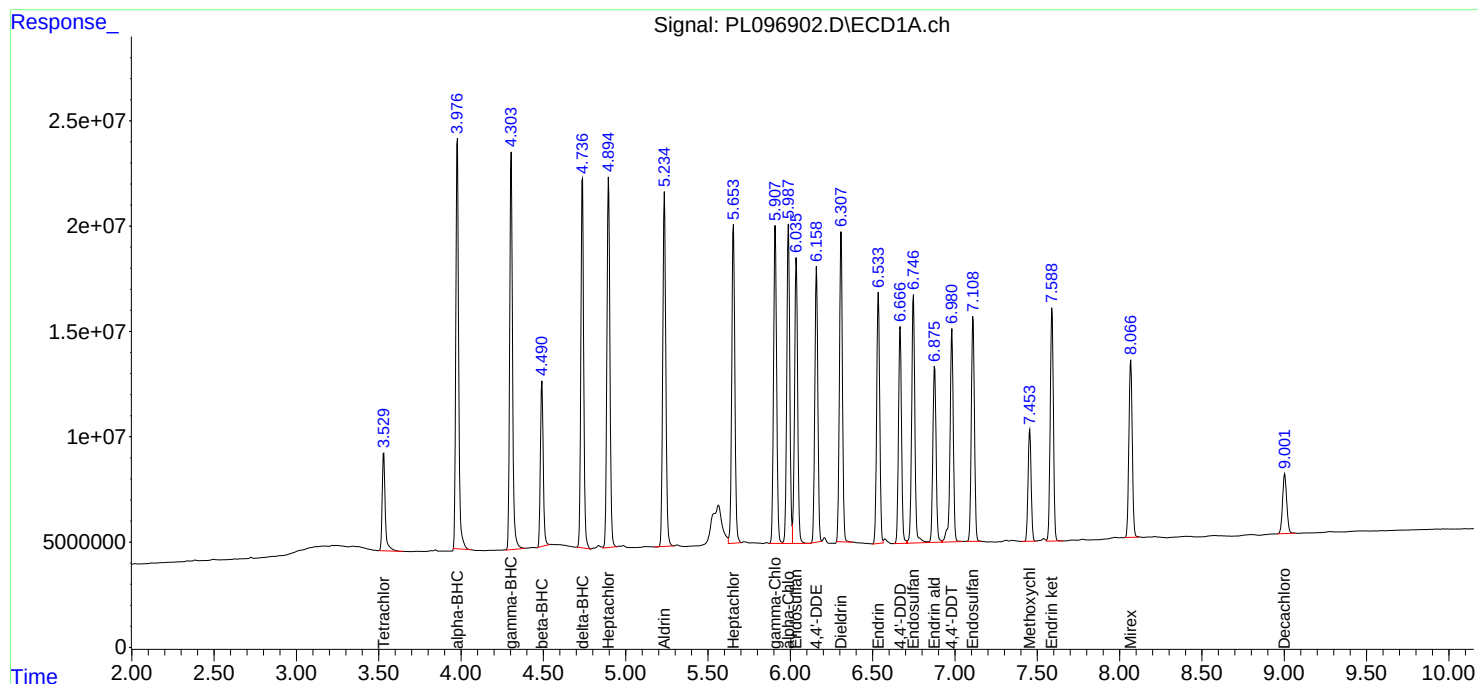
APPROVED

Reviewed By :Abdul Mirza 08/20/2025

Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:38:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelles Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-DMS	SDG No.:	Q2892
Lab Sample ID:	Q2892-08MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	94.1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096910.D	1	08/19/25 08:41	08/19/25 19:58	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	18.8		0.14	1.80	ug/kg
319-85-7	beta-BHC	19.7		0.19	1.80	ug/kg
319-86-8	delta-BHC	15.9		0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	18.8		0.15	1.80	ug/kg
76-44-8	Heptachlor	19.9		0.13	1.80	ug/kg
309-00-2	Aldrin	18.8		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	19.7		0.20	1.80	ug/kg
959-98-8	Endosulfan I	18.7		0.15	1.80	ug/kg
60-57-1	Dieldrin	18.6		0.15	1.80	ug/kg
72-55-9	4,4-DDE	19.3		0.15	1.80	ug/kg
72-20-8	Endrin	19.1		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	18.7		0.31	1.80	ug/kg
72-54-8	4,4-DDD	19.7		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.14	1.80	ug/kg
50-29-3	4,4-DDT	17.9		0.15	1.80	ug/kg
72-43-5	Methoxychlor	17.0		0.39	1.80	ug/kg
53494-70-5	Endrin ketone	17.3		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.1		0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	18.7		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	19.6		0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		30 (20) - 150 (144)	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		30 (19) - 150 (148)	88%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelle Ave		Date Received:	08/15/25	
Client Sample ID:	3-FLOOR-NORTH-DMS		SDG No.:	Q2892	
Lab Sample ID:	Q2892-08MS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.1	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096910.D	1	08/19/25 08:41	08/19/25 19:58	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:58
 Operator : AR\AJ
 Sample : Q2892-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 3-FLOOR-NORTH-DMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	55716333	80926283	17.517m	16.938
28)	SA Decachlor...	9.004	7.986	39166336	69412242	16.424	16.000
Target Compounds							
2)	A alpha-BHC	3.978	3.331	246.8E6	365.4E6	53.342	51.635
3)	MA gamma-BHC...	4.304	3.662	235.4E6	338.9E6	53.214m	51.329
4)	MA Heptachlor	4.896	4.011	234.1E6	335.9E6	56.325	50.413
5)	MB Aldrin	5.235	4.293	228.8E6	320.7E6	53.191	51.669
6)	B beta-BHC	4.490	3.959	100.4E6	145.5E6	55.637m	51.577
7)	B delta-BHC	4.738	4.191	179.5E6	270.7E6	44.981	41.814
8)	B Heptachlo...	5.655	4.795	214.6E6	293.8E6	55.651	51.438
9)	A Endosulfan I	6.037	5.166	190.0E6	274.9E6	52.839	49.690
10)	B gamma-Chl...	5.908	5.047	210.9E6	305.3E6	55.429	51.924
11)	B alpha-Chl...	5.987	5.111	203.5E6	302.2E6	52.797m	51.231
12)	B 4,4'-DDE	6.159	5.300	175.5E6	288.3E6	54.655	52.281
13)	MA Dieldrin	6.309	5.430	192.5E6	310.7E6	51.865	52.597
14)	MA Endrin	6.534	5.705	163.9E6	272.0E6	54.135m	50.323
15)	B Endosulfa...	6.748	5.997	169.6E6	252.2E6	52.970	49.105
16)	A 4,4'-DDD	6.668	5.852	140.7E6	233.9E6	55.632	49.701
17)	MA 4,4'-DDT	6.982	6.104	145.6E6	241.7E6	50.786	47.785
18)	B Endrin al...	6.877	6.175	97982109	149.9E6	45.660	41.247
19)	B Endosulfa...	7.110	6.398	130.7E6	231.8E6	45.466	45.566
20)	A Methoxychlor	7.453	6.675	70222598	131.7E6	47.824m	48.063m
21)	B Endrin ke...	7.589	6.902	147.3E6	270.8E6	48.999	48.622
22)	Mirex	8.066	7.092	123.8E6	218.4E6	49.920m	50.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:58
Operator : AR\AJ
Sample : Q2892-08MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

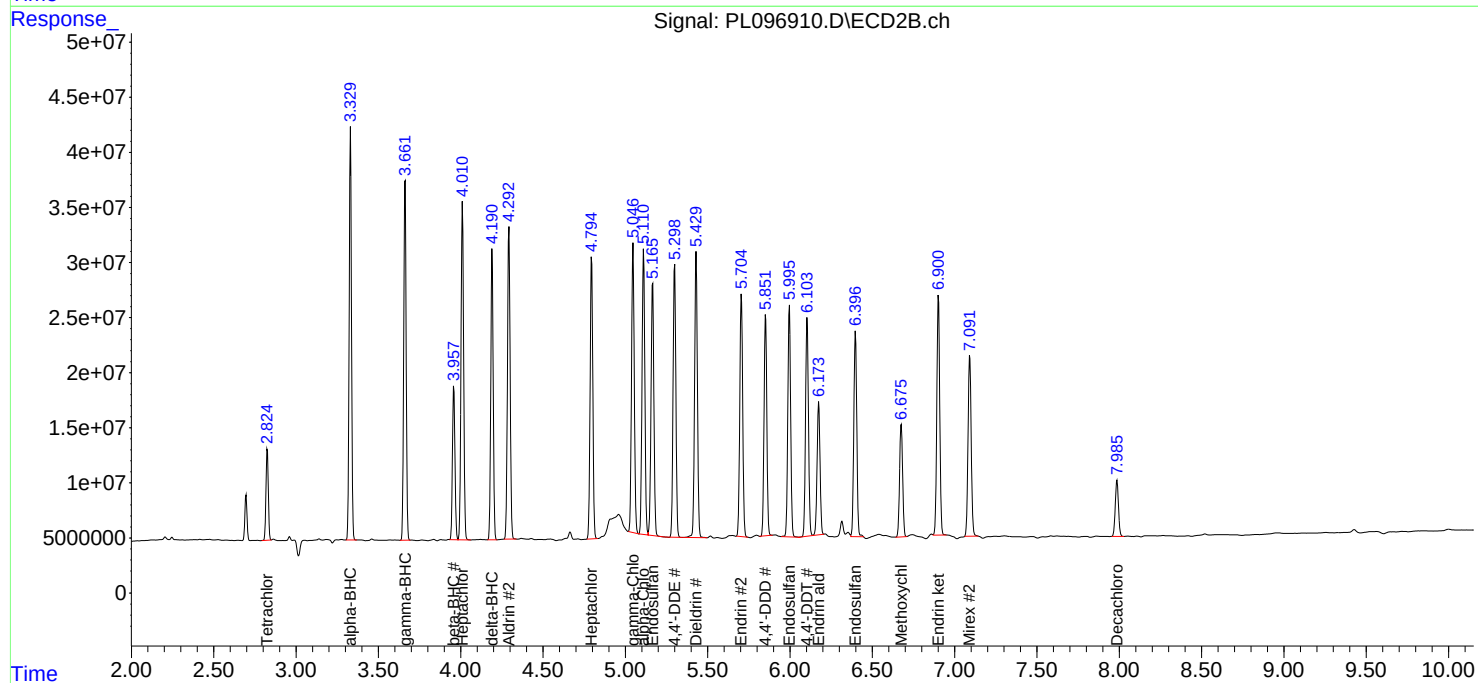
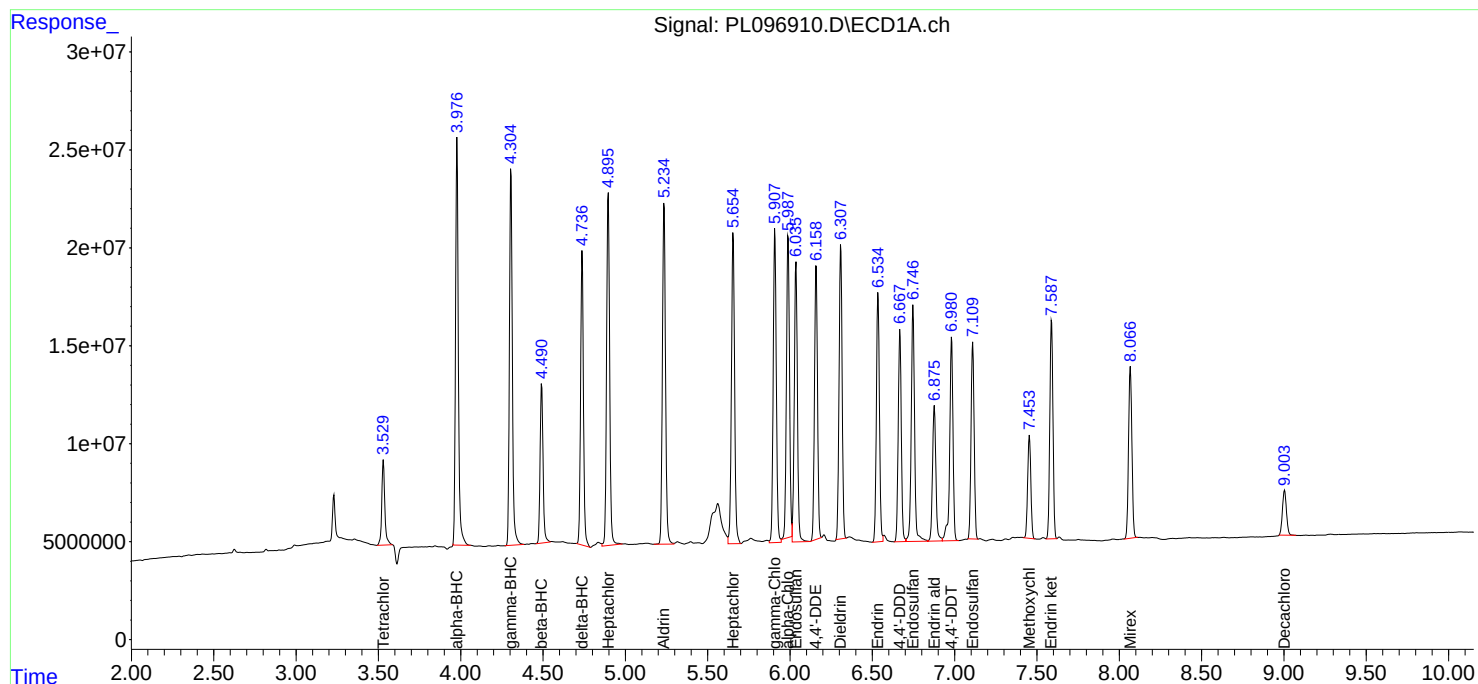
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelles Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-DMSD	SDG No.:	Q2892
Lab Sample ID:	Q2892-08MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	94.1 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096911.D	1	08/19/25 08:41	08/19/25 20:11	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	19.0		0.14	1.80	ug/kg
319-85-7	beta-BHC	19.6		0.19	1.80	ug/kg
319-86-8	delta-BHC	15.9		0.41	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	19.0		0.15	1.80	ug/kg
76-44-8	Heptachlor	19.8		0.13	1.80	ug/kg
309-00-2	Aldrin	18.8		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	19.4		0.20	1.80	ug/kg
959-98-8	Endosulfan I	18.6		0.15	1.80	ug/kg
60-57-1	Dieldrin	18.7		0.15	1.80	ug/kg
72-55-9	4,4-DDE	19.4		0.15	1.80	ug/kg
72-20-8	Endrin	19.0		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	18.6		0.31	1.80	ug/kg
72-54-8	4,4-DDD	19.7		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	16.2		0.14	1.80	ug/kg
50-29-3	4,4-DDT	17.8		0.15	1.80	ug/kg
72-43-5	Methoxychlor	17.0		0.39	1.80	ug/kg
53494-70-5	Endrin ketone	17.3		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	16.2		0.39	1.80	ug/kg
5103-71-9	alpha-Chlordane	19.0		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	19.4		0.16	1.80	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	35.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		30 (20) - 150 (144)	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		30 (19) - 150 (148)	88%	SPK: 20

Report of Analysis

Client:	BAPS North Bergen Development Inc.		Date Collected:	08/15/25	
Project:	BAPS 2000 Tonnelles Ave		Date Received:	08/15/25	
Client Sample ID:	3-FLOOR-NORTH-DMSD		SDG No.:	Q2892	
Lab Sample ID:	Q2892-08MSD		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	94.1	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096911.D	1	08/19/25 08:41	08/19/25 20:11	PB169298

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\PL081925\
 Data File : PL096911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:11
 Operator : AR\AJ
 Sample : Q2892-08MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 3-FLOOR-NORTH-DMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:40:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	56039759	82034861	17.618m	17.170
28)	SA Decachlor...	9.003	7.986	40139080	69739561	16.832m	16.075
Target Compounds							
2)	A alpha-BHC	3.977	3.330	248.7E6	369.6E6	53.757	52.226
3)	MA gamma-BHC...	4.304	3.662	237.2E6	342.7E6	53.615m	51.892
4)	MA Heptachlor	4.896	4.010	232.9E6	338.7E6	56.035	50.843
5)	MB Aldrin	5.236	4.293	229.1E6	322.9E6	53.265	52.021
6)	B beta-BHC	4.490	3.958	99994769	146.7E6	55.400m	52.002
7)	B delta-BHC	4.738	4.191	178.7E6	273.0E6	44.797	42.169
8)	B Heptachlo...	5.655	4.795	211.3E6	296.0E6	54.777	51.826
9)	A Endosulfan I	6.037	5.166	188.6E6	274.5E6	52.434	49.631
10)	B gamma-Chl...	5.909	5.046	208.7E6	307.8E6	54.855	52.345
11)	B alpha-Chl...	5.989	5.111	206.7E6	303.8E6	53.625	51.507
12)	B 4,4'-DDE	6.160	5.299	175.6E6	290.6E6	54.683	52.692
13)	MA Dieldrin	6.307	5.430	196.3E6	309.5E6	52.885m	52.401
14)	MA Endrin	6.534	5.704	162.5E6	273.2E6	53.686m	50.533
15)	B Endosulfa...	6.748	5.996	168.4E6	254.1E6	52.597	49.464
16)	A 4,4'-DDD	6.667	5.852	140.7E6	236.3E6	55.654	50.213
17)	MA 4,4'-DDT	6.982	6.104	144.5E6	246.2E6	50.383	48.677
18)	B Endrin al...	6.877	6.174	98021204	151.5E6	45.678	41.668
19)	B Endosulfa...	7.110	6.397	131.4E6	226.1E6	45.709	44.447
20)	A Methoxychlor	7.453	6.675	70711003	131.7E6	48.157m	48.067m
21)	B Endrin ke...	7.589	6.900	147.2E6	271.7E6	48.966	48.778m
22)	Mirex	8.066	7.091	124.8E6	218.8E6	50.332m	50.178

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:11
Operator : AR\AJ
Sample : Q2892-08MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

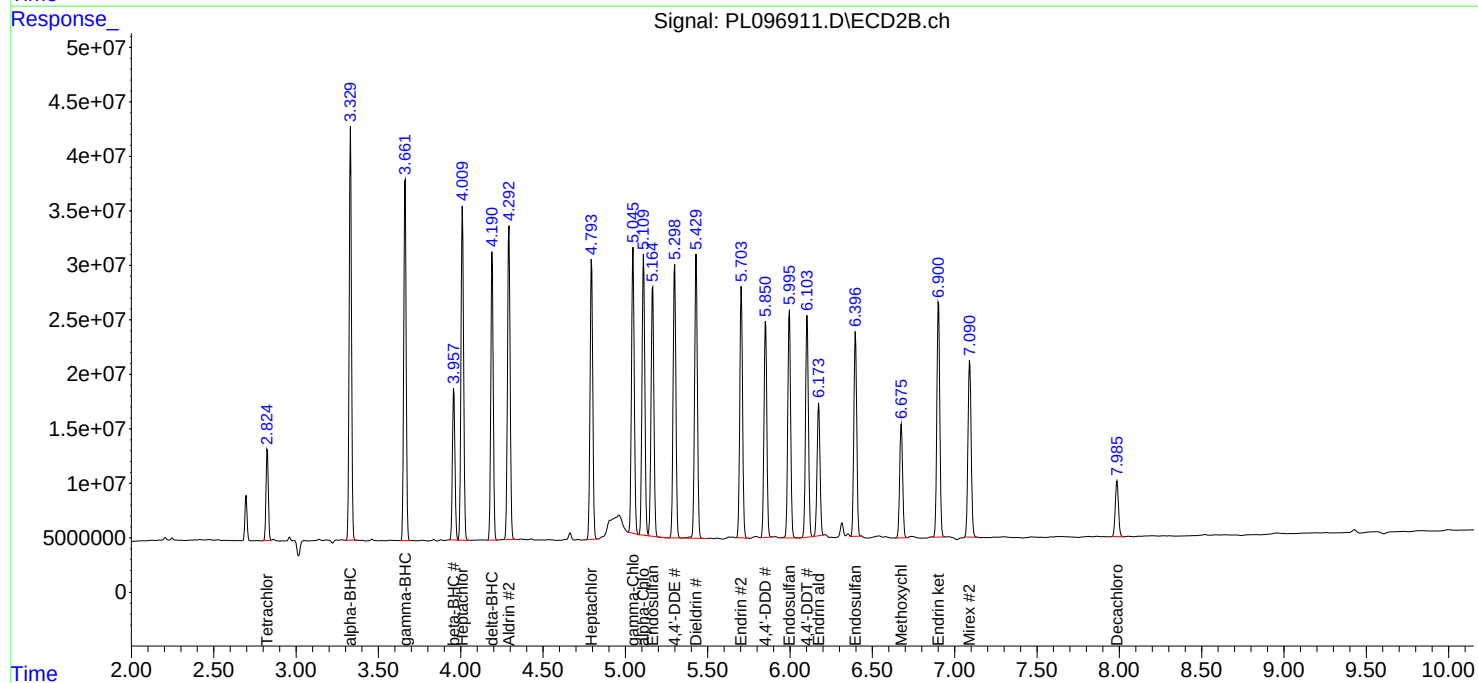
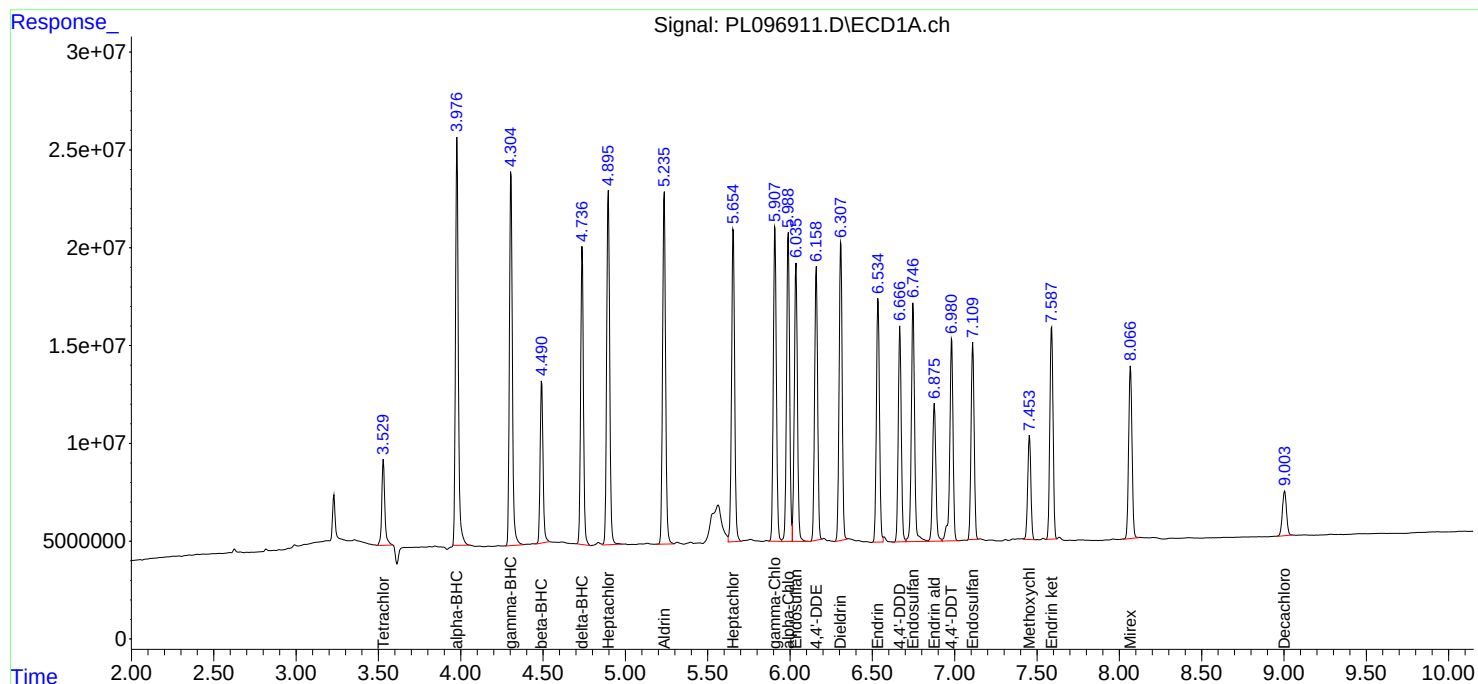
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:40:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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:

pl072825

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096594.D	4,4"-DDD	Abdul	7/29/2025 9:49:39 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PEM	PL096594.D	4,4"-DDD #2	Abdul	7/29/2025 9:49:39 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PEM	PL096594.D	Endrin aldehyde	Abdul	7/29/2025 9:49:39 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PEM	PL096594.D	Endrin ketone	Abdul	7/29/2025 9:49:39 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PEM	PL096594.D	Endrin ketone #2	Abdul	7/29/2025 9:49:39 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
RESCHK	PL096595.D	Endosulfan I #2	Abdul	7/29/2025 9:49:43 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC025	PL096599.D	Endrin aldehyde #2	Abdul	7/29/2025 9:49:47 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC025	PL096599.D	Endrin ketone #2	Abdul	7/29/2025 9:49:47 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC005	PL096600.D	Aldrin	Abdul	7/29/2025 9:49:51 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC005	PL096600.D	Endosulfan II	Abdul	7/29/2025 9:49:51 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC005	PL096600.D	Endrin aldehyde #2	Abdul	7/29/2025 9:49:51 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC005	PL096600.D	Heptachlor	Abdul	7/29/2025 9:49:51 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software
PSTDICC005	PL096600.D	Heptachlor epoxide	Abdul	7/29/2025 9:49:51 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pl072825

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICV050	PL096611.D	delta-BHC	Abdul	7/29/2025 9:49:55 AM	mohammad	7/30/2025 2:11:50	Peak Integrated by Software

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PL096881.D	Decachlorobiphenyl	Abdul	8/20/2025 11:40:45 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	4,4"-DDD	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	4,4"-DDD #2	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Decachlorobiphenyl #2	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Endrin	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Endrin aldehyde	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Endrin aldehyde #2	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Endrin ketone	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Endrin ketone #2	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PEM	PL096882.D	Methoxychlor #2	Abdul	8/20/2025 11:40:56 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	beta-BHC	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	Dieldrin #2	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	Endosulfan II	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096883.D	Endrin	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	Endrin aldehyde	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	Endrin ketone #2	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	gamma-BHC (Lindane)	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096883.D	Mirex	Abdul	8/20/2025 8:44:46 AM	 	 	Peak Integrated by Software
I.BLK	PL096894.D	Decachlorobiphenyl	Abdul	8/20/2025 8:45:27 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	beta-BHC	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Decachlorobiphenyl	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Decachlorobiphenyl #2	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Dieldrin	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Dieldrin #2	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Endosulfan II	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Endrin	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl081925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096895.D	Methoxychlor	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Methoxychlor #2	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096895.D	Mirex	Abdul	8/20/2025 8:45:30 AM	 	 	Peak Integrated by Software
PB169298BL	PL096901.D	Decachlorobiphenyl	Abdul	8/20/2025 8:45:47 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	beta-BHC	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	Decachlorobiphenyl	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	Endosulfan Sulfate	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	Endrin	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	gamma-BHC (Lindane)	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	Methoxychlor #2	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
PB169298BS	PL096902.D	Mirex	Abdul	8/20/2025 8:45:50 AM	 	 	Peak Integrated by Software
I.BLK	PL096903.D	Decachlorobiphenyl	Abdul	8/20/2025 8:45:54 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	4,4"-DDD	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096904.D	beta-BHC	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	Endrin	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	Endrin aldehyde	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	Endrin ketone	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	gamma-BHC (Lindane)	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PEM	PL096904.D	Methoxychlor #2	Abdul	8/20/2025 8:45:58 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	alpha-BHC	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	beta-BHC	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Decachlorobiphenyl	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Dieldrin	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Dieldrin #2	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Endosulfan II	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Endosulfan Sulfate	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl081925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096905.D	Endrin	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	gamma-BHC (Lindane)	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Heptachlor epoxide	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Methoxychlor #2	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096905.D	Mirex	Abdul	8/20/2025 11:41:08 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	4,4"-DDE #2	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	4,4"-DDT	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	alpha-Chlordane	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	alpha-Chlordane #2	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Decachlorobiphenyl #2	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Dieldrin	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Endosulfan II	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2892-02	PL096906.D	Endosulfan II #2	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Endrin	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Endrin #2	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-02	PL096906.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:06 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	4,4"-DDE #2	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Decachlorobiphenyl #2	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Dieldrin	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Endosulfan II	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Endosulfan II #2	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Endosulfan Sulfate	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-04	PL096907.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:10 AM	 	 	Peak Integrated by Software
Q2892-06	PL096908.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:14 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl081925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2892-06	PL096908.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:14 AM	 	 	Peak Integrated by Software
Q2892-08	PL096909.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:17 AM	 	 	Peak Integrated by Software
Q2892-08	PL096909.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:17 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	alpha-Chlordane	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	beta-BHC	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	Endrin	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	gamma-BHC (Lindane)	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	Methoxychlor	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	Methoxychlor #2	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	Mirex	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MS	PL096910.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:21 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	beta-BHC	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2892-08MSD	PL096911.D	Dieldrin	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Endrin	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Endrin ketone #2	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	gamma-BHC (Lindane)	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Methoxychlor	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Methoxychlor #2	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Mirex	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-08MSD	PL096911.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:25 AM	 	 	Peak Integrated by Software
Q2892-10	PL096912.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:29 AM	 	 	Peak Integrated by Software
Q2892-10	PL096912.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:29 AM	 	 	Peak Integrated by Software
Q2892-12	PL096913.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:34 AM	 	 	Peak Integrated by Software
Q2892-12	PL096913.D	Decachlorobiphenyl #2	Abdul	8/20/2025 8:46:34 AM	 	 	Peak Integrated by Software
Q2892-12	PL096913.D	Tetrachloro-m-xylene	Abdul	8/20/2025 8:46:34 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pl081925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PL096915.D	Decachlorobiphenyl	Abdul	8/20/2025 8:46:42 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	beta-BHC	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Decachlorobiphenyl	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Decachlorobiphenyl #2	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Dieldrin	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Dieldrin #2	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Endosulfan II	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Endosulfan Sulfate	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Endrin	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Heptachlor epoxide	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Methoxychlor #2	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software
PSTDCCC050	PL096916.D	Mirex	Abdul	8/20/2025 11:41:16 AM	 	 	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pl081925

Instrument

ECD_I

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072825

Review By	Abdul	Review On	7/29/2025 9:50:24 AM
Supervise By	mohammad	Supervise On	7/30/2025 2:11:50 AM
SubDirectory	PL072825	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096592.D	28 Jul 2025 15:57	AR\AJ	Ok
2	I.BLK	PL096593.D	28 Jul 2025 16:11	AR\AJ	Ok
3	PEM	PL096594.D	28 Jul 2025 16:25	AR\AJ	Ok,M
4	RESCHK	PL096595.D	28 Jul 2025 16:38	AR\AJ	Ok,M
5	PSTDICC100	PL096596.D	28 Jul 2025 16:52	AR\AJ	Ok
6	PSTDICC075	PL096597.D	28 Jul 2025 17:06	AR\AJ	Ok
7	PSTDICC050	PL096598.D	28 Jul 2025 17:19	AR\AJ	Ok
8	PSTDICC025	PL096599.D	28 Jul 2025 17:33	AR\AJ	Ok,M
9	PSTDICC005	PL096600.D	28 Jul 2025 17:47	AR\AJ	Ok,M
10	PCHLORICC1000	PL096601.D	28 Jul 2025 18:00	AR\AJ	Ok
11	PCHLORICC750	PL096602.D	28 Jul 2025 18:14	AR\AJ	Ok
12	PCHLORICC500	PL096603.D	28 Jul 2025 18:27	AR\AJ	Ok
13	PCHLORICC250	PL096604.D	28 Jul 2025 18:41	AR\AJ	Ok
14	PCHLORICC050	PL096605.D	28 Jul 2025 18:55	AR\AJ	Ok
15	PTOXICC1000	PL096606.D	28 Jul 2025 19:08	AR\AJ	Ok
16	PTOXICC750	PL096607.D	28 Jul 2025 19:22	AR\AJ	Ok
17	PTOXICC500	PL096608.D	28 Jul 2025 19:36	AR\AJ	Ok
18	PTOXICC250	PL096609.D	28 Jul 2025 19:49	AR\AJ	Ok
19	PTOXICC100	PL096610.D	28 Jul 2025 20:03	AR\AJ	Ok
20	PSTDICV050	PL096611.D	28 Jul 2025 20:17	AR\AJ	Ok,M
21	PCHLORICV500	PL096612.D	28 Jul 2025 20:30	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072825

Review By	Abdul	Review On	7/29/2025 9:50:24 AM
Supervise By	mohammad	Supervise On	7/30/2025 2:11:50 AM
SubDirectory	PL072825	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL096613.D	28 Jul 2025 20:44	AR\AJ	Ok
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M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL081925

Review By	Abdul	Review On	8/20/2025 8:47:44 AM
Supervise By		Supervise On	
SubDirectory	PL081925	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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	PL096880.D	19 Aug 2025 08:35	AR\AJ	Ok
2	I.BLK	PL096881.D	19 Aug 2025 08:48	AR\AJ	Ok,NS
3	PEM	PL096882.D	19 Aug 2025 10:28	AR\AJ	Ok,NS
4	PSTDCCC050	PL096883.D	19 Aug 2025 11:07	AR\AJ	Ok,NS
5	Q2879-13	PL096884.D	19 Aug 2025 12:51	AR\AJ	Ok,NS
6	Q2879-15	PL096885.D	19 Aug 2025 13:04	AR\AJ	Ok,NS
7	Q2879-17	PL096886.D	19 Aug 2025 13:18	AR\AJ	Ok,NS
8	Q2884-01	PL096887.D	19 Aug 2025 13:31	AR\AJ	Ok,NS
9	Q2884-03	PL096888.D	19 Aug 2025 13:45	AR\AJ	Ok,NS
10	Q2888-01	PL096889.D	19 Aug 2025 13:59	AR\AJ	Ok,NS
11	Q2888-01MS	PL096890.D	19 Aug 2025 14:12	AR\AJ	Ok,NS
12	Q2888-01MSD	PL096891.D	19 Aug 2025 14:26	AR\AJ	Ok,NS
13	Q2889-01	PL096892.D	19 Aug 2025 14:39	AR\AJ	Ok,NS
14	PB169283BS	PL096893.D	19 Aug 2025 14:53	AR\AJ	Ok,NS
15	I.BLK	PL096894.D	19 Aug 2025 15:07	AR\AJ	Ok,NS
16	PSTDCCC050	PL096895.D	19 Aug 2025 15:20	AR\AJ	Ok,NS
17	PB169314BL	PL096896.D	19 Aug 2025 16:47	AR\AJ	Ok,NS
18	PB169314BS	PL096897.D	19 Aug 2025 17:01	AR\AJ	Not Ok
19	PB169314BSD	PL096898.D	19 Aug 2025 17:14	AR\AJ	Ok,NS
20	Q2683-03	PL096899.D	19 Aug 2025 17:28	AR\AJ	Ok,NS
21	Q2683-07	PL096900.D	19 Aug 2025 17:42	AR\AJ	Ok,NS

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL081925

Review By	Abdul	Review On	8/20/2025 8:47:44 AM
Supervise By		Supervise On	
SubDirectory	PL081925	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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	PB169298BL	PL096901.D	19 Aug 2025 17:55	AR\AJ	Ok,NS
23	PB169298BS	PL096902.D	19 Aug 2025 18:09	AR\AJ	Ok,NS
24	I.BLK	PL096903.D	19 Aug 2025 18:23	AR\AJ	Ok,NS
25	PEM	PL096904.D	19 Aug 2025 18:36	AR\AJ	Ok,NS
26	PSTDCCC050	PL096905.D	19 Aug 2025 18:50	AR\AJ	Ok,NS
27	Q2892-02	PL096906.D	19 Aug 2025 19:03	AR\AJ	Ok,NS
28	Q2892-04	PL096907.D	19 Aug 2025 19:17	AR\AJ	Ok,NS
29	Q2892-06	PL096908.D	19 Aug 2025 19:31	AR\AJ	Ok,NS
30	Q2892-08	PL096909.D	19 Aug 2025 19:44	AR\AJ	Ok,NS
31	Q2892-08MS	PL096910.D	19 Aug 2025 19:58	AR\AJ	Ok,NS
32	Q2892-08MSD	PL096911.D	19 Aug 2025 20:11	AR\AJ	Ok,NS
33	Q2892-10	PL096912.D	19 Aug 2025 20:25	AR\AJ	Ok,NS
34	Q2892-12	PL096913.D	19 Aug 2025 20:39	AR\AJ	Ok,NS
35	Q2897-01	PL096914.D	19 Aug 2025 20:52	AR\AJ	Ok,NS
36	I.BLK	PL096915.D	19 Aug 2025 21:06	AR\AJ	Ok,NS
37	PSTDCCC050	PL096916.D	19 Aug 2025 22:27	AR\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072825

Review By	Abdul	Review On	7/29/2025 9:50:24 AM
Supervise By	mohammad	Supervise On	7/30/2025 2:11:50 AM
SubDirectory	PL072825	HP Acquire Method	HP Processing Method
			pl072825 8081

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

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096592.D	28 Jul 2025 15:57		AR\AJ	Ok
2	I.BLK	I.BLK	PL096593.D	28 Jul 2025 16:11		AR\AJ	Ok
3	PEM	PEM	PL096594.D	28 Jul 2025 16:25		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL096595.D	28 Jul 2025 16:38		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL096596.D	28 Jul 2025 16:52		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL096597.D	28 Jul 2025 17:06		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL096598.D	28 Jul 2025 17:19	Comp#18 kept on L.R. for 2nd column	AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL096599.D	28 Jul 2025 17:33		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL096600.D	28 Jul 2025 17:47		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL096601.D	28 Jul 2025 18:00		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL096602.D	28 Jul 2025 18:14		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL096603.D	28 Jul 2025 18:27		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL096604.D	28 Jul 2025 18:41		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL096605.D	28 Jul 2025 18:55		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL096606.D	28 Jul 2025 19:08		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL096607.D	28 Jul 2025 19:22		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL096608.D	28 Jul 2025 19:36		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072825

Review By	Abdul	Review On	7/29/2025 9:50:24 AM
Supervise By	mohammad	Supervise On	7/30/2025 2:11:50 AM
SubDirectory	PL072825	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	PTOXICC250	PTOXICC250	PL096609.D	28 Jul 2025 19:49		AR\AJ	Ok
19	PTOXICC100	PTOXICC100	PL096610.D	28 Jul 2025 20:03		AR\AJ	Ok
20	PSTDICV050	ICVPL072825	PL096611.D	28 Jul 2025 20:17		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL072825CHLOR	PL096612.D	28 Jul 2025 20:30		AR\AJ	Ok
22	PTOXICV500	ICVPL072825TOX	PL096613.D	28 Jul 2025 20:44		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL081925

Review By	Abdul	Review On	8/20/2025 8:47:44 AM
Supervise By		Supervise On	
SubDirectory	PL081925	HP Acquire Method	HP Processing Method p1072825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,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	PL096880.D	19 Aug 2025 08:35		AR\AJ	Ok
2	I.BLK	I.BLK	PL096881.D	19 Aug 2025 08:48		AR\AJ	Ok,NS
3	PEM	PEM	PL096882.D	19 Aug 2025 10:28		AR\AJ	Ok,NS
4	PSTDCCC050	PSTDCCC050	PL096883.D	19 Aug 2025 11:07		AR\AJ	Ok,NS
5	Q2879-13	OU4-TS-GRILLO-TSCF	PL096884.D	19 Aug 2025 12:51		AR\AJ	Ok,NS
6	Q2879-15	OU4-TS-GRILLO-TSCF	PL096885.D	19 Aug 2025 13:04		AR\AJ	Ok,NS
7	Q2879-17	OU4-TS-GRILLO-TSCF	PL096886.D	19 Aug 2025 13:18	DCB Low in 2nd column	AR\AJ	Ok,NS
8	Q2884-01	VNJ-232	PL096887.D	19 Aug 2025 13:31	DCB high in 1st column.	AR\AJ	Ok,NS
9	Q2884-03	302	PL096888.D	19 Aug 2025 13:45		AR\AJ	Ok,NS
10	Q2888-01	VNJ-210	PL096889.D	19 Aug 2025 13:59		AR\AJ	Ok,NS
11	Q2888-01MS	VNJ-210MS	PL096890.D	19 Aug 2025 14:12		AR\AJ	Ok,NS
12	Q2888-01MSD	VNJ-210MSD	PL096891.D	19 Aug 2025 14:26		AR\AJ	Ok,NS
13	Q2889-01	PL-02-081525	PL096892.D	19 Aug 2025 14:39		AR\AJ	Ok,NS
14	PB169283BS	PB169283BS	PL096893.D	19 Aug 2025 14:53		AR\AJ	Ok,NS
15	I.BLK	I.BLK	PL096894.D	19 Aug 2025 15:07		AR\AJ	Ok,NS
16	PSTDCCC050	PSTDCCC050	PL096895.D	19 Aug 2025 15:20		AR\AJ	Ok,NS
17	PB169314BL	PB169314BL	PL096896.D	19 Aug 2025 16:47		AR\AJ	Ok,NS
18	PB169314BS	PB169314BS	PL096897.D	19 Aug 2025 17:01	F Flag in 2nd column	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL081925

Review By	Abdul	Review On	8/20/2025 8:47:44 AM
Supervise By		Supervise On	
SubDirectory	PL081925	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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			

19	PB169314BSD	PB169314BSD	PL096898.D	19 Aug 2025 17:14		AR\AJ	Ok,NS
20	Q2683-03	DSN001	PL096899.D	19 Aug 2025 17:28		AR\AJ	Ok,NS
21	Q2683-07	DSN003	PL096900.D	19 Aug 2025 17:42		AR\AJ	Ok,NS
22	PB169298BL	PB169298BL	PL096901.D	19 Aug 2025 17:55		AR\AJ	Ok,NS
23	PB169298BS	PB169298BS	PL096902.D	19 Aug 2025 18:09		AR\AJ	Ok,NS
24	I.BLK	I.BLK	PL096903.D	19 Aug 2025 18:23		AR\AJ	Ok,NS
25	PEM	PEM	PL096904.D	19 Aug 2025 18:36		AR\AJ	Ok,NS
26	PSTDCCC050	PSTDCCC050	PL096905.D	19 Aug 2025 18:50		AR\AJ	Ok,NS
27	Q2892-02	1-FLOOR-NORTH-EAS	PL096906.D	19 Aug 2025 19:03		AR\AJ	Ok,NS
28	Q2892-04	1-FLOOR-DRILL-B-BA	PL096907.D	19 Aug 2025 19:17		AR\AJ	Ok,NS
29	Q2892-06	BACK-1-FLOOR-CENT	PL096908.D	19 Aug 2025 19:31		AR\AJ	Ok,NS
30	Q2892-08	3-FLOOR-NORTH-D	PL096909.D	19 Aug 2025 19:44		AR\AJ	Ok,NS
31	Q2892-08MS	3-FLOOR-NORTH-DM	PL096910.D	19 Aug 2025 19:58		AR\AJ	Ok,NS
32	Q2892-08MSD	3-FLOOR-NORTH-DM	PL096911.D	19 Aug 2025 20:11		AR\AJ	Ok,NS
33	Q2892-10	3-FLOOR-SOUTH-E	PL096912.D	19 Aug 2025 20:25		AR\AJ	Ok,NS
34	Q2892-12	FRONT-1-FLOOR-F	PL096913.D	19 Aug 2025 20:39		AR\AJ	Ok,NS
35	Q2897-01	HD-02-08182025	PL096914.D	19 Aug 2025 20:52		AR\AJ	Ok,NS
36	I.BLK	I.BLK	PL096915.D	19 Aug 2025 21:06		AR\AJ	Ok,NS
37	PSTDCCC050	PSTDCCC050	PL096916.D	19 Aug 2025 22:27		AR\AJ	Ok,NS

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL081925

Review By	Abdul	Review On	8/20/2025 8:47:44 AM
Supervise By		Supervise On	
SubDirectory	PL081925	HP Acquire Method	HP Processing Method pl072825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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			

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136862

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2891-01	BARRICADE	1	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2891-02	WALL-1	2	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2891-03	WALL-2	3	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2891-04	WALL-3	4	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2892-01	1ST-FLOOR-NORTH-EAST-C ONRNER-BACK-A	5	1.18	10.03	11.21	10.19	89.8	
Q2892-02	1ST-FLOOR-NORTH-EAST-C ONRNER-BACK-A	6	1.16	9.97	11.13	10.22	90.9	
Q2892-03	1ST-FLOOR-DRILL-B-BACK	7	1.19	10.43	11.62	10.54	89.6	
Q2892-04	1ST-FLOOR-DRILL-B-BACK	8	1.16	10.39	11.55	10.48	89.7	
Q2892-05	BACK-1-FLOOR-CENTER-MI DDLE-C	9	1.18	10.41	11.59	10.39	88.5	
Q2892-06	BACK-1-FLOOR-CENTER-MI DDLE-C	10	1.19	10.38	11.57	10.52	89.9	
Q2892-07	3-FLOOR-NORTH-D	11	1.15	10.68	11.83	11.09	93.1	
Q2892-08	3-FLOOR-NORTH-D	12	1.13	10.24	11.37	10.77	94.1	
Q2892-09	3-FLOOR-SOUTH-E	13	1.17	10.21	11.38	10.48	91.2	
Q2892-10	3-FLOOR-SOUTH-E	14	1.18	10.34	11.52	10.65	91.6	
Q2892-11	FRONT-1-FLOOR-F	15	1.16	10.21	11.37	10.42	90.7	
Q2892-12	FRONT-1-FLOOR-F	16	1.14	10.64	11.78	10.52	88.2	
Q2893-01	LOD-MDL-SOIL-01-QT3-20 25	36	1.00	1.00	2.00	2.00	100.0	
Q2893-02	LOQ-SOIL-02-QT3-2025	37	1.00	1.00	2.00	2.00	100.0	
Q2893-03	MDL-SOIL-03-QT3-2025	38	1.00	1.00	2.00	2.00	100.0	
Q2893-04	LOD-MDL-SOIL-04-QT3-20 25	39	1.00	1.00	2.00	2.00	100.0	
Q2893-05	LOQ-SOIL-05-QT3-2025	40	1.00	1.00	2.00	2.00	100.0	
Q2893-06	MDL-SOIL-06-QT3-2025	41	1.00	1.00	2.00	2.00	100.0	
Q2893-16	LLOQ-SOIL-QT3-2025	42	1.00	1.00	2.00	2.00	100.0	
Q2894-01	1A1B1C	17	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-02	2A2B2C	18	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-03	3A3B3C	19	1.00	1.00	2.00	2.00	100.0	Caulk sample



PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136862

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2894-04	4A4B4C	20	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-05	5A5B5C	21	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2895-01	1104	22	1.00	1.00	2.00	2.00	100.0	oil sample
Q2895-03	1204	23	1.00	1.00	2.00	2.00	100.0	debris
Q2896-01	1	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-02	2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-03	3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-04	4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-05	5	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-06	6	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-07	7	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-08	8	31	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-09	9	32	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-10	10	33	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2897-01	HD-02-08182025	34	1.15	10.84	11.99	10.64	87.5	
Q2897-02	HD-02-08182025-E2	35	1.17	10.35	11.52	10.29	88.1	
Q2899-03	MDL-SOIL-QT3-2025-05	43	1.00	1.00	2.00	2.00	100.0	
Q2899-04	MDL-SOIL-QT3-2025-06	44	1.00	1.00	2.00	2.00	100.0	
Q2899-05	MDL-MED-SOIL-QT3-2025-05	45	1.00	1.00	2.00	2.00	100.0	
Q2899-06	MDL-MED-SOIL-QT3-2025-06	46	1.00	1.00	2.00	2.00	100.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

17136862

WorkList Name : %1-081825 WorkList ID : 191322 Department : Wet-Chemistry Date : 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2891-01	BARRICADE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-02	WALL-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-03	WALL-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-04	WALL-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2892-01	1ST-FLOOR-NORTH-EAST-CC	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-02	1ST-FLOOR-NORTH-EAST-CC	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-03	1ST-FLOOR-DRILL-B-BACK	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-04	1ST-FLOOR-DRILL-B-BACK	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-05	BACK-1-FLOOR-CENTER-MID	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-06	BACK-1-FLOOR-CENTER-MID	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-07	3-FLOOR-NORTH-D	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-08	3-FLOOR-NORTH-D	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-09	3-FLOOR-SOUTH-E	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-10	3-FLOOR-SOUTH-E	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-11	FRONT-1-FLOOR-F	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-12	FRONT-1-FLOOR-F	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-02	LOQ-SOIL-02-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-03	MDL-SOIL-03-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-04	LOD-MDL-SOIL-04-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-05	LOQ-SOIL-05-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO

Date/Time 08/18/25 13:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]
 Date/Time 08/18/25 17:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136862

WorkList Name : %1-081825 WorkList ID : 191322 Department : Wet-Chemistry Date : 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-06	MDL-SOIL-06-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-16	LLOQ-SOIL-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2894-01	1A1B1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-02	2A2B2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-03	3A3B3C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-04	4A4B4C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-05	5A5B5C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2895-01	1104	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2895-03	1204	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-08	8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-09	9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-10	10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2897-01	HD-02-08182025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/18/2025	Chemtech -SO
Q2897-02	HD-02-08182025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/18/2025	Chemtech -SO

Date/Time 08/18/25 15:00 Date/Time 08/18/25 17:10
 Raw Sample Received by: SB WOC Raw Sample Received by: SA
 Raw Sample Relinquished by: SA Raw Sample Relinquished by: SB WOC

WORKLIST(Hardcopy Internal Chain)

873682

WorkList Name : %1-081825

WorkList ID : 191322

Department : Wet-Chemistry

Date : 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2899-03	MDL-SOIL-QT3-2025-05	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-04	MDL-SOIL-QT3-2025-06	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-05	MDL-MED-SOIL-QT3-2025-05	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-06	MDL-MED-SOIL-QT3-2025-06	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO

Date/Time 08/18/25 13:00

Raw Sample Received by: Sh wcy

Raw Sample Relinquished by: Sh wcy

Date/Time 08-18-25 17:10

Raw Sample Received by: Sh wcy

Raw Sample Relinquished by: Sh wcy

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	Florisil	Extraction Start Date :	08/19/2025
Matrix :	Solid	Extraction Start Time :	08:41
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	N/A	Hood ID:	3,7
Extraction Method:	☐ Separatory Funnel	☐ Continuous Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☒ Soxhlet
		Extraction End Date :	08/19/2025
		Extraction End Time :	12:00
		Concentration By:	EH
		Supervisor By :	RUPESH

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
Hexane/Acetone/1:1	N/A	EP2627
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Hexane	N/A	E3962
Florisil	N/A	E3927
9:1 Hexane:Acetone Mixture	N/A	EP2596
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:	N/A	Envap ID:	NE VAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/19/25	RS (Ext Lab)	DR. Post / PCB Lab
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/19/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169298BL	PBLK298	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U3-1
PB169298BS	PLCS298	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q2892-02	1ST-FLOOR-NORTH-EAST -CONRNER-BACK-A	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	B		3
Q2892-04	1ST-FLOOR-DRILL-B-BAC K	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	B		4
Q2892-06	BACK-1-FLOOR-CENTER- MIDDLE-C	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	B		5
Q2892-08	3-FLOOR-NORTH-D	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	B		6
Q2892-08MS	3-FLOOR-NORTH-DMS	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	B		U4-1
Q2892-08MS D	3-FLOOR-NORTH-DMSD	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	B		2
Q2892-10	3-FLOOR-SOUTH-E	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	B		3
Q2892-12	FRONT-1-FLOOR-F	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	B		4
Q2897-01	HD-02-08182025	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		5

RS
8/19

169298
8:41

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2892 WorkList ID : 191343 Department : Extraction Date : 08-19-2025 08:07:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2892-02	1ST-FLOOR-NORTH-EAST-CC	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2892-04	1ST-FLOOR-DRILL-B-BACK	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2892-06	BACK-1-FLOOR-CENTER-MID	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2892-08	3-FLOOR-NORTH-D	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2892-10	3-FLOOR-SOUTH-E	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2892-12	FRONT-1-FLOOR-F	Solid	Pesticide-TCL	Cool 4 deg C	BAPS03	D31	08/15/2025	8081B
Q2897-01	HD-02-08182025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D21	08/18/2025	8081B

Date/Time 08/19/25 8:35
Raw Sample Received by: R3 C (ZF-Lab)
Raw Sample Relinquished by: R3 C (ZF-Lab)

Date/Time 08/19/25 8:50
Raw Sample Received by: R3 C (ZF-Lab)
Raw Sample Relinquished by: R3 C (ZF-Lab)

Prep Standard - Chemical Standard Summary

Order ID : Q2892

Test : Pesticide-TCL

Prepbatch ID : PB169298,

Sequence ID/Qc Batch ID: pl081925,

Standard ID :

EP2627,EP2632,PP24329,PP24433,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,

Chemical ID :

E3875,E3914,E3927,E3941,E3944,E3949,E3950,E3951,E3955,E3956,E3962,P12604,P12610,P13038,P13041,P13196,P13246,P13356,P13774,P13786,P13788,P13862,P9053,W3177,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2627	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000ml of E3949 + 4000.00000ml of E3950 = Final Quantity: 8000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
518	Pest/PCB I.BLK 20 PPB	PP24433	03/31/2025	08/22/2025	Abdul Mirza	None	None	Yogesh Patel
								04/02/2025

FROM 99.90000ml of E3914 + 0.10000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel
								07/22/2025

FROM 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel
								07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24738	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13038 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1472	20 PPM Pest Stock Solution 2nd Source	PP24739	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13041 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1273	20 PPM Mirex Stock (Primary Source)	PP24740	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P9053 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3663	20 PPM MIREX Stock STD (Secondary source)	PP24741	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13196 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24742	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13788 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml



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

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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24747	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
383	1000/100 PPB Toxaphene STD (Restek)	PP24748	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24749	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3631	75 PPB ICAL PEST STD(RESTEK)	PP24750	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24744 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3632	50 PPB ICAL PEST STD(RESTEK)	PP24751	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24744 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3633	25 PPB ICAL PEST STD(RESTEK)	PP24752	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24744 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3634	5 PPB ICAL PEST STD(RESTEK)	PP24753	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24751 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3988	50 PPB PEST ICV STD(RESTEK)	PP24754	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24745 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
528	CHLOR 750 PPB STD	PP24755	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24746 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
529	CHLOR 500 PPB STD	PP24756	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24746 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
530	CHLOR 250 PPB STD	PP24757	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24746 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3408	CHLOR 50 PPB STD	PP24758	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24756 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
532	CHLOR 500 PPB ICV STD	PP24759	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24747 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
533	TOX 750 PPB STD	PP24760	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
534	TOX 500 PPB STD	PP24761	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
535	TOX 250 PPB STD	PP24762	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2217	TOX 100 PPB STD	PP24763	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3670	TOX 500 PPB ICV std (RESTEK)	PP24764	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
79	500 PPB Pesticide Spike Solution	PP24766	07/28/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								08/19/2025

FROM 95.00000ml of E3955 + 2.50000ml of PP24739 + 2.50000ml of PP24741 = Final Quantity: 100.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	09/19/2025	03/19/2025 / RUPESH	03/13/2025 / RUPESH	E3914

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
phenomenex	FS0006 / Cleanert SPE Silica, 1000 mg/6ml	Z0830QB1	04/18/2026	05/30/2025 / RUPESH	03/13/2025 / RUPESH	E3927

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3950

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12604

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12610

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RS on 3/14/25



E3914

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Cleanert Florisil

1g/6ml 30/pkg

LOT#: Z0830QB1

MFG#: G01256

CAT# FS0006



Agela Technologies

Made in China

固相萃取产品

E3927



Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001



Recd. by RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.
 *Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Reed on 7/2/25

E3949

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

3950

Recd on 7/02/25

Jamie Croak
Director Quality Operations, Bioscience Production



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature

We certify that this batch conforms to the specifications listed above.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
 VWR Chemicals, LLC.
 28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits

Product meets analytical specifications of the grades listed.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E 3955

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantorsTM**



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E3956



Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/30/25

E3962

Jamie Croak
Director Quality Operations, Bioscience Production



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291

Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : June 30, 2027

Storage: 10°C or colder

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.0 µg/mL	+/- 8.9732
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	200.1 µg/mL	+/- 8.9762
3	beta-BHC	319-85-7	BCCC6425	99%	200.3 µg/mL	+/- 8.9844
4	delta-BHC	319-86-8	14450800	98%	200.0 µg/mL	+/- 8.9740
5	Heptachlor	76-44-8	813251	99%	200.1 µg/mL	+/- 8.9754
6	Aldrin	309-00-2	14389400	98%	200.0 µg/mL	+/- 8.9718
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.1 µg/mL	+/- 8.9754
8	trans-Chlordane	5103-74-2	32943	98%	199.9 µg/mL	+/- 8.9696
9	cis-Chlordane	5103-71-9	31766	98%	200.1 µg/mL	+/- 8.9762
10	Endosulfan I	959-98-8	BCCF4060	99%	200.1 µg/mL	+/- 8.9754
11	4,4'-DDE	72-55-9	GHYQG	99%	200.1 µg/mL	+/- 8.9777
12	Dieldrin	60-57-1	11129900	98%	200.0 µg/mL	+/- 8.9718
13	Endrin	72-20-8	14123200	98%	199.9 µg/mL	+/- 8.9696
14	4,4'-DDD	72-54-8	HAN02	99%	200.1 µg/mL	+/- 8.9777
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	200.0 µg/mL	+/- 8.9718

17	Endrin aldehyde	7421-93-4	30720	98%	200.1	µg/mL	+/- 8.9784
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.0	µg/mL	+/- 8.9732
19	Methoxychlor	72-43-5	13668200	99%	200.1	µg/mL	+/- 8.9777
20	Endrin ketone	53494-70-5	1-ABS-16-7	98%	200.0	µg/mL	+/- 8.9740

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13039
 ↓
 P13043
 5
 1
 JAW
 12/26/23

Quality Confirmation Test

Column:
 30m x .25mm x .2µm
 Rtx-CLP II (cat.# 11323)

Carrier Gas:
 helium-constant pressure 20 psi.

Temp. Program:
 150°C to 300°C
 @ 4°C/min. (hold 5 min.)

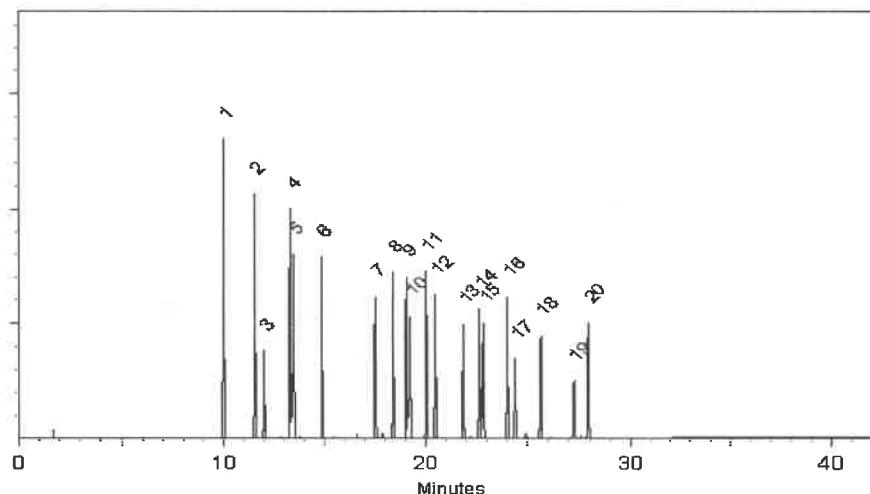
Inj. Temp:
 200°C

Det. Temp:
 300°C

Det. Type:
 ECD

Split Vent:
 Split ratio 50:1

Inj. Vol
 1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey
 Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

Solvent(s): Acetone
Lot# 81025

Expiration Date: 04/2027
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

SE-05 Balance Uncertainty
0.006 Flask Uncertainty

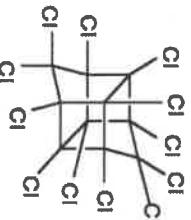
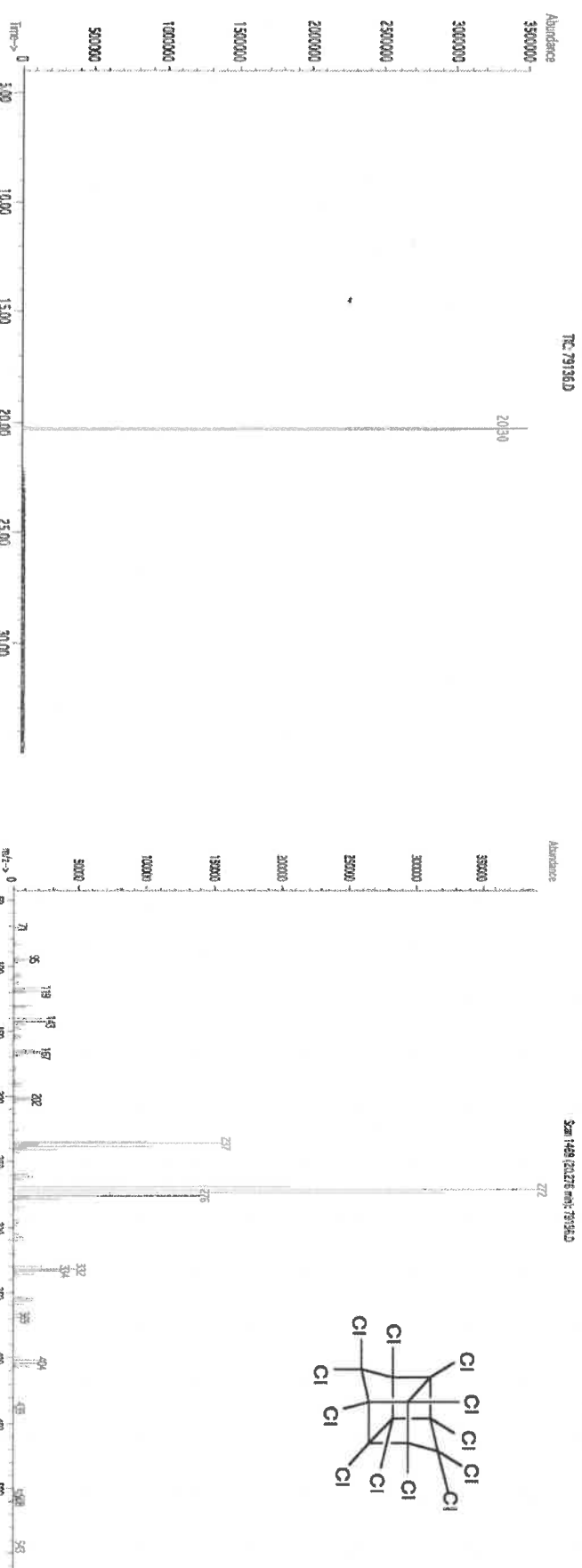
Weight(s) shown below were combined and diluted to (mL): 50.0

Formulated By: <i>Prashant Chauhan</i>	DATE 04/2022
Reviewed By: <i>Pedro L. Renteria</i>	DATE 04/2022

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50

1. Mirex 437 9492400 1000 99.4 0.5 0.05034 0.05040 1001.1 10.3 2385-85-5 N/A or-rel 306mg/kg

Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



P13195
P13199
P13199
P13195
01/17/2024

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening, sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N., and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

01/17/2024
AHLN

Handwritten diagram showing a curved arrow pointing from a circled '5' to the text 'D/C 1/3/5'.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32021 **Lot No.:** A0197993
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2029 **Storage:** 10°C or colder
Ship: Ambient

P 12603
↓
P 12605
[3]
Kauf
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

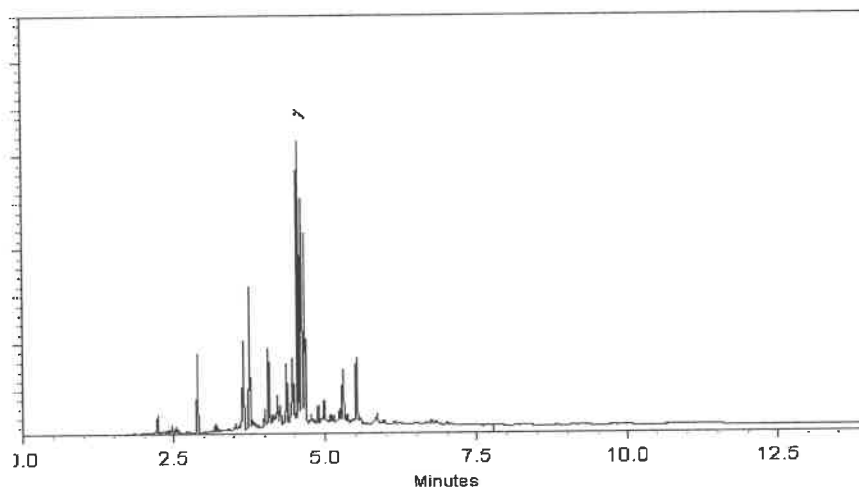
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

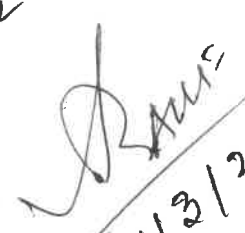
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 12603 } (3)
↓
P 12605

7/3/2023



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32021 Lot No.: A0197993
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: August 31, 2029 Storage: 10°C or colder
Ship: Ambient

Handwritten: P 12606
P 12610
5 Five
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. { hold 10 min.}

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

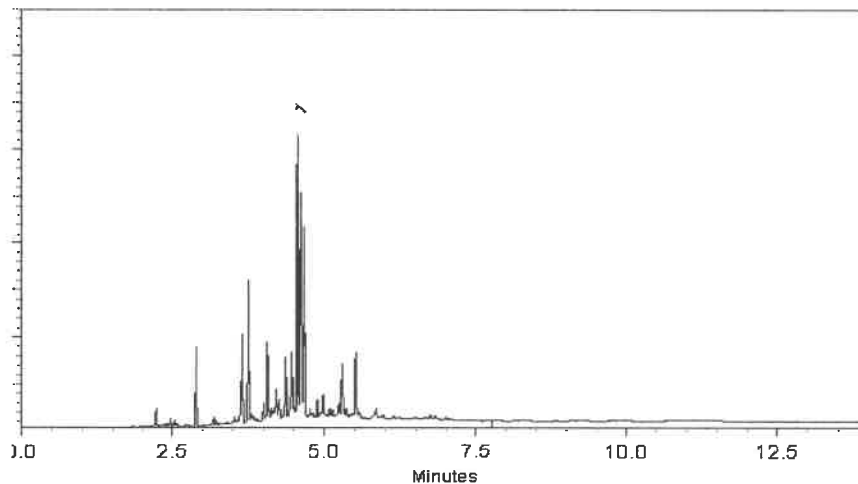
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 **Lot No.:** A0200423

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

P 13034
↓
P 13038
12.26.2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.5 µg/mL	+/- 8.9956
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	199.9 µg/mL	+/- 8.9696
3	beta-BHC	319-85-7	BCCC6425	99%	200.0 µg/mL	+/- 8.9732
4	delta-BHC	319-86-8	14450800	98%	199.9 µg/mL	+/- 8.9696
5	Heptachlor	76-44-8	813251	99%	202.0 µg/mL	+/- 9.0629
6	Aldrin	309-00-2	14389400	98%	200.9 µg/mL	+/- 9.0136
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.0 µg/mL	+/- 8.9732
8	trans-Chlordane	5103-74-2	34616	99%	200.5 µg/mL	+/- 8.9956
9	cis-Chlordane	5103-71-9	31766	98%	201.4 µg/mL	+/- 9.0356
10	Endosulfan I	959-98-8	BCCF4060	99%	200.0 µg/mL	+/- 8.9732
11	4,4'-DDE	72-55-9	GHYQG	99%	201.5 µg/mL	+/- 9.0405
12	Dieldrin	60-57-1	14515000	98%	199.9 µg/mL	+/- 8.9696
13	Endrin	72-20-8	14485300	98%	200.4 µg/mL	+/- 8.9916
14	4,4'-DDD	72-54-8	HAN02	99%	200.5 µg/mL	+/- 8.9956
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	201.9 µg/mL	+/- 9.0575

17	Endrin aldehyde	7421-93-4	30720	98%	201.4 µg/mL	+/- 9.0356
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.5 µg/mL	+/- 8.9956
19	Methoxychlor	72-43-5	14563200	98%	200.9 µg/mL	+/- 9.0136
20	Endrin ketone	53494-70-5	14537700	98%	199.9 µg/mL	+/- 8.9696

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

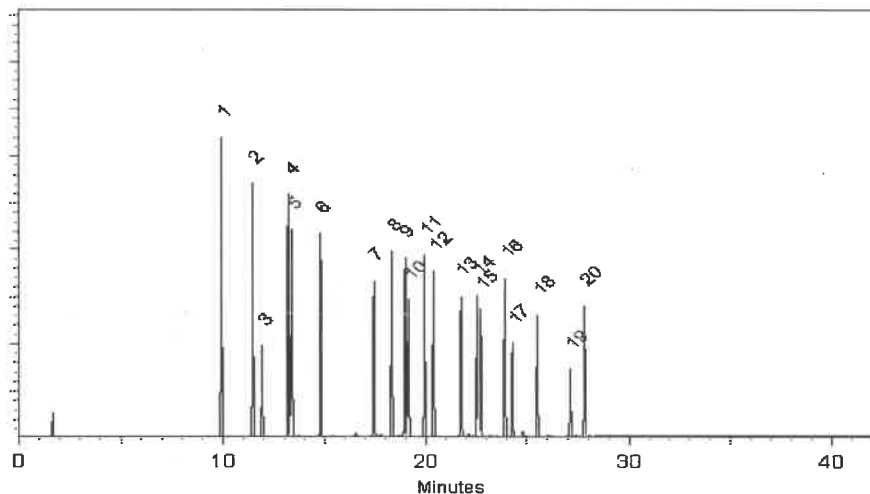
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number:
Lot Number:
Description:

19161
013124

CLP Pesticides & PCBs Resolution Check Standard

9 components

Solvent(s):

Lot#

Expiration Date:

013129

Hexane

273615

Recommended Storage:

Refrigerate (4 °C)

Toluene

28508

(50%)
(50%)

Nominal Concentration (µg/mL):

Varied

NIST Test ID#:

6UTB

5E-05

Balance Uncertainty
Pipet Uncertainty

Volume(s) shown below were combined and diluted to (mL):

100.0

0.021

Formulated By: <i>Lawrence Barry</i>		013124
Reviewed By: <i>Pedro L. Rentes</i>		013124
DATE		DATE

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty (mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (±) µg/mL	(Solvent Safety Info. On Attached pg.)	SDS Information	LD50
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1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	or-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	or-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	or-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	or-rat 36300µg/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	or-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	or-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

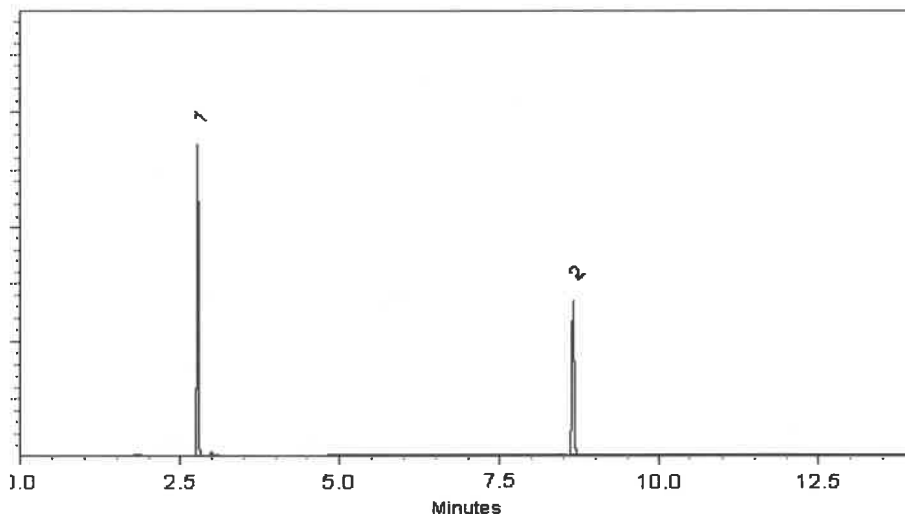
ECD

Split Vent:

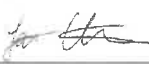
10 ml/min.

Inj. Vol

1µl

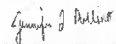


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

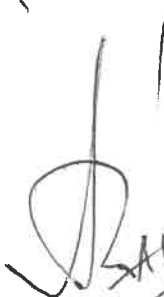
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
↓
P 13357
10


SAUF
04/25/2025

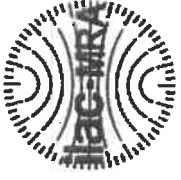


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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	—%	1,009.0 µg/mL	+/- 55.9920

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Handwritten notes and signatures:

- Signature: *[Signature]*
- Date: *11/19/24*
- Text: *P13779*
- Text: *P13773*

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

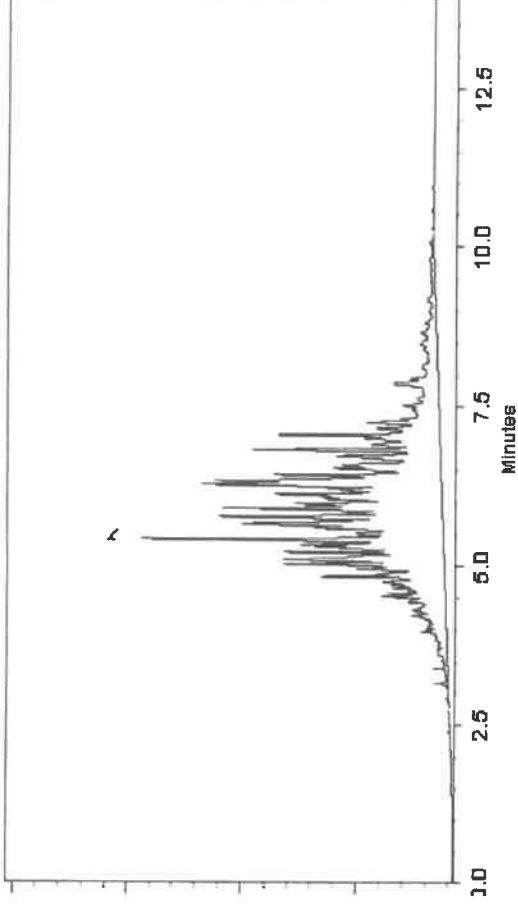
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

J.P.

Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397

(P)
P13773
P19779
A7
11/19/24
10-50



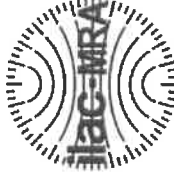
110 Benner Circle
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

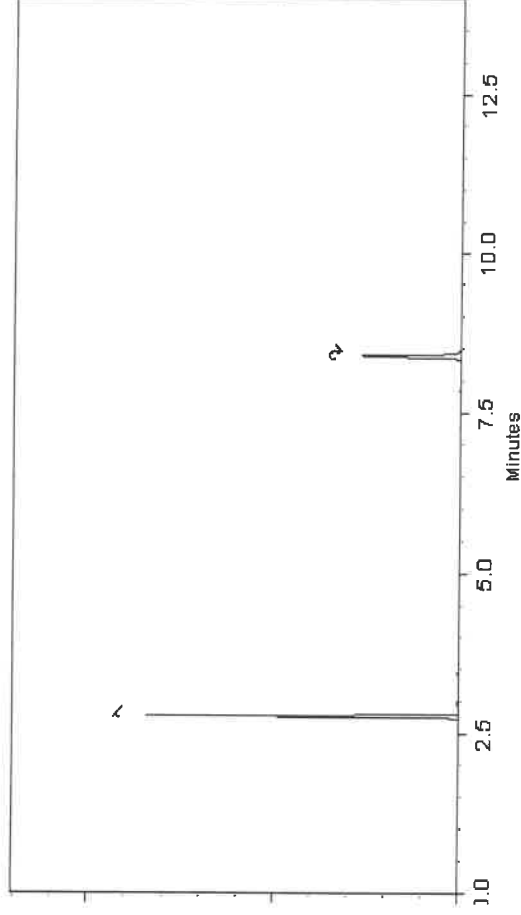
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



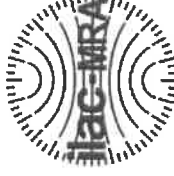
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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

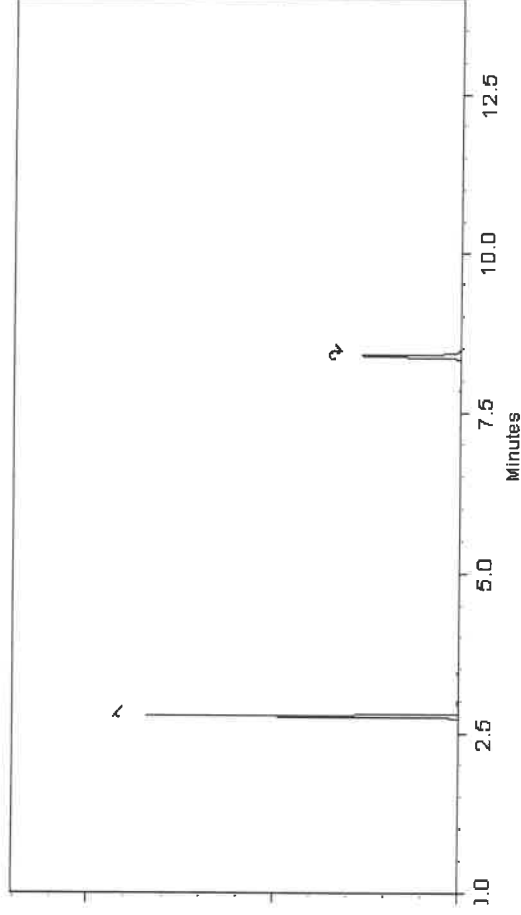
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard

Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

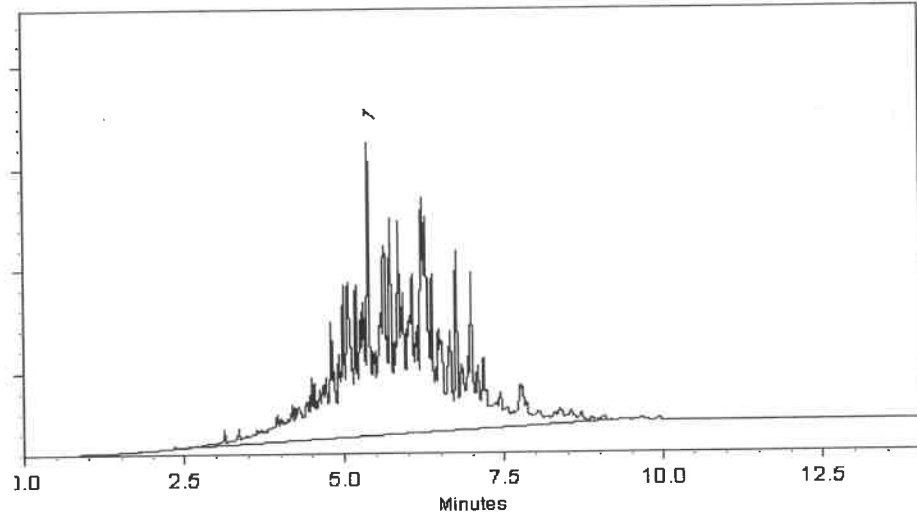
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

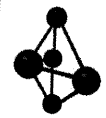

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13861 } ②
P13862 }


12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**
Lot Number: **112018**
Description: **n-Tetracosane-d50**

Expiration Date: **112028**
Recommended Storage: **Ambient (20 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **2684186**

Weight(s) shown below were combined and diluted to (mL):

Solvent(s): **Methylene chloride**
Lot#: **102669**

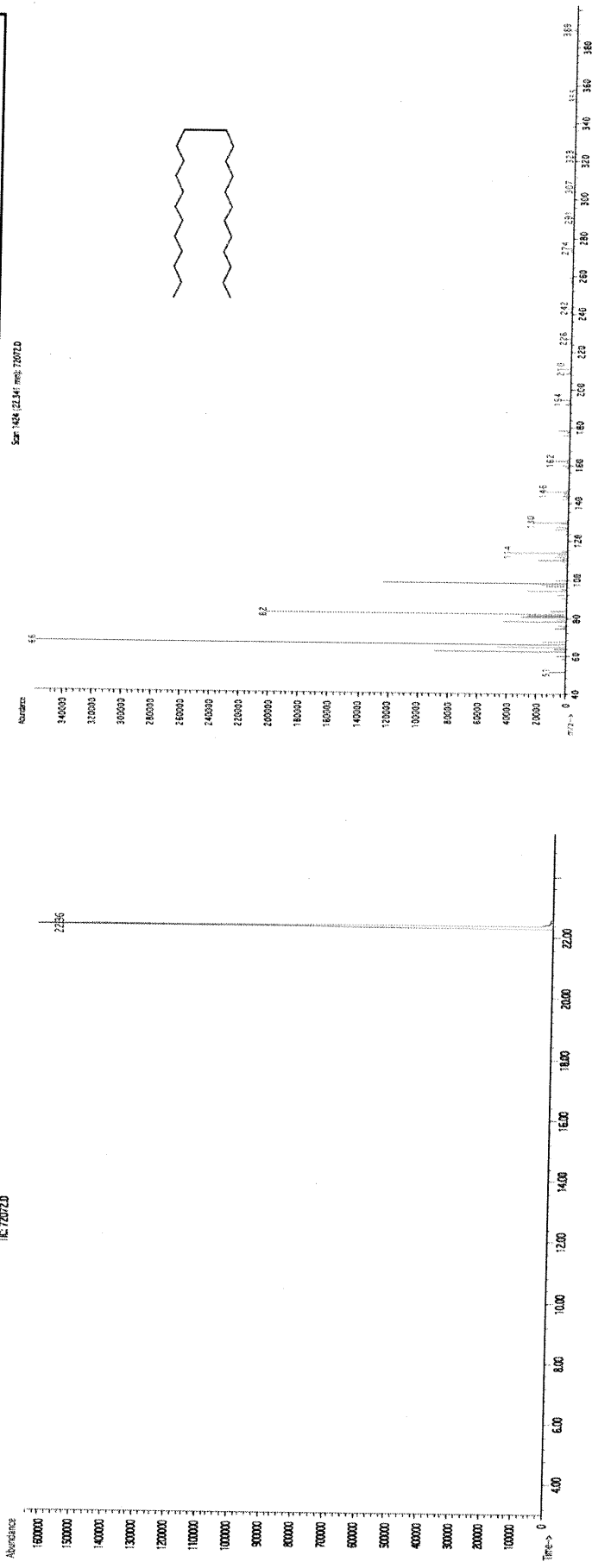
Received by
SG on 11/11/19
p9044-p9053
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: *Prashant Chauhan* 112018
DATE

Reviewed By: *Pedro Rentas* 112018
DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	18416-32-3 N/A
Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.										

TC 720720



The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
• Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
• All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
• Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

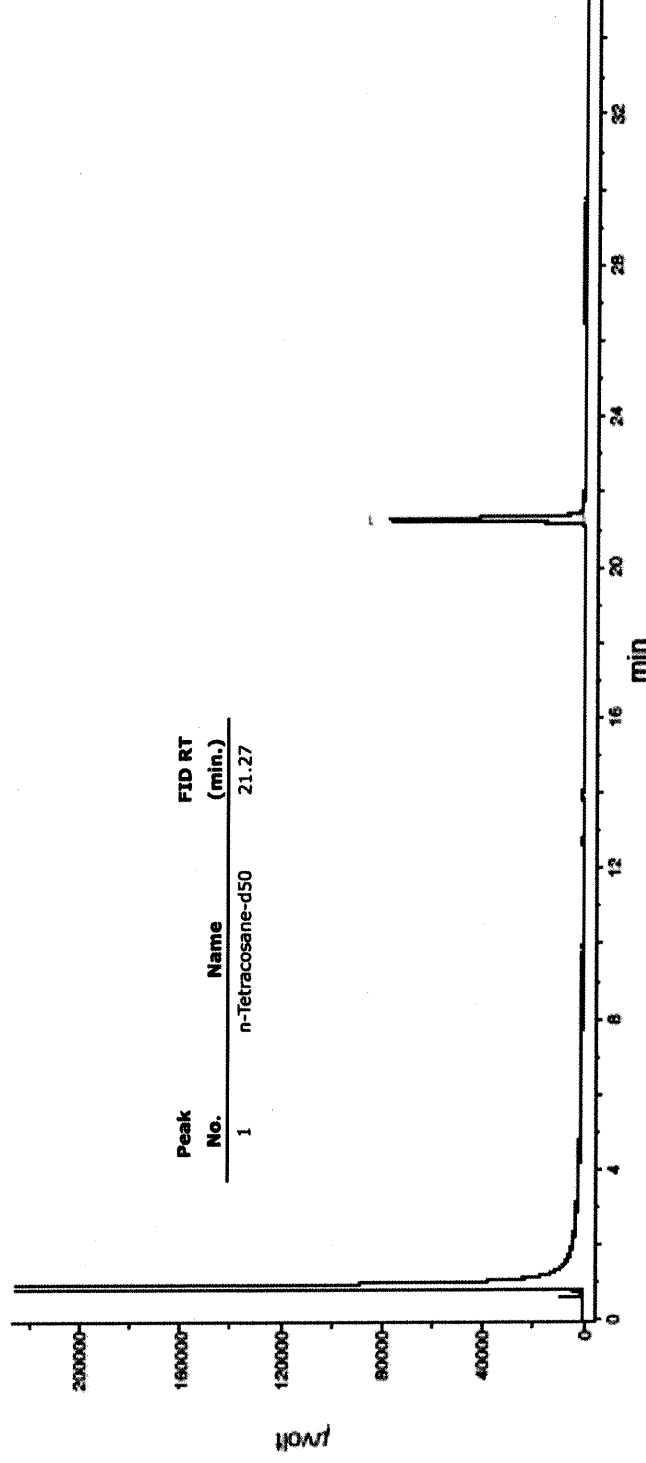
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3



n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle Ave
CITY North Bergen STATE: N.J. ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: _____ FAX: _____

CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS 2000 Tonnelle Ave
PROJECT NO.: _____ LOCATION: _____
PROJECT MANAGER: _____
e-mail: _____
PHONE: _____ FAX: _____

CLIENT BILLING INFORMATION

BILL TO: _____ PO#: _____
ADDRESS: _____
CITY Stam STATE: PA-10 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. EPH-NF
2. Asbestos
3. Mercury
4. PCB
5. Pesticide-TL
6. Substrate
7. VOA-10
8. VOA-10
9. VOA-10

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. <u>1 Floor</u>	<u>North East Corner - BACK - A</u>	<u>SDL</u>	<u>X</u>		<u>8/15/25</u>	<u>12:46</u>	<u>3</u>		<u>X</u>	<u>X</u>	<u>X</u>						
2.	<u>L</u>			<u>X</u>		<u>12:50</u>	<u>5</u>	<u>X</u>				<u>X</u>					
3.	<u>1 Floor - Drill - B-Back</u>		<u>X</u>			<u>1304</u>	<u>3</u>		<u>X</u>	<u>X</u>	<u>X</u>						
4.	<u>L</u>			<u>X</u>		<u>1310</u>	<u>5</u>	<u>X</u>				<u>X</u>					
5. <u>Back</u>	<u>1 Floor - Center Middle - C</u>		<u>X</u>			<u>1318</u>	<u>3</u>		<u>X</u>	<u>X</u>	<u>X</u>						
6.	<u>L</u>			<u>X</u>		<u>1322</u>	<u>5</u>	<u>X</u>				<u>X</u>					
7.	<u>3 Floor - North - D</u>		<u>X</u>			<u>1400</u>	<u>3</u>		<u>X</u>	<u>X</u>	<u>X</u>						
8.	<u>L</u>			<u>X</u>		<u>1406</u>	<u>5</u>	<u>X</u>				<u>X</u>					
9.	<u>3 Floor - south - E</u>		<u>X</u>			<u>1424</u>	<u>3</u>		<u>X</u>	<u>X</u>	<u>X</u>						
10.	<u>L</u>			<u>X</u>		<u>1430</u>	<u>5</u>	<u>X</u>				<u>X</u>					

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

RELINQUISHED BY SAMPLER: 1. <u>J. Patel</u>	DATE/TIME: <u>8:15-2025</u>	RECEIVED BY: 1. <u>J. Patel</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: <u>4.12</u> °C
RELINQUISHED BY SAMPLER: 2. <u>J. Patel</u>	DATE/TIME: _____	RECEIVED BY: 2. <u>J. Patel</u>	Comments: <u>Equal volume of soil used.</u>	
RELINQUISHED BY SAMPLER: 3. <u>J. Patel</u>	DATE/TIME: <u>1700</u>	RECEIVED BY: 3. <u>J. Patel</u>	Page <u>1</u> of <u>2</u>	CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete ☐ YES ☐ NO	

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle AVE
CITY North Bergen STATE: N.J. ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: _____ FAX: _____

PROJECT NAME: BAPS 2000 Tonnelle AVE
PROJECT NO.: _____ LOCATION: _____
PROJECT MANAGER: _____
e-mail: _____
PHONE: _____ FAX: _____

BILL TO: _____ PO#: _____
ADDRESS: _____
CITY SA STATE: 20 ZIP: _____
ATTENTION: _____ PHONE: _____
ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

☐ 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. EPH - NF
2. Cyanide Mercury Method
3. PCB
4. Pesticide - TCL 500A - 10
5. VOC - TCL 400A - 10
6. _____
7. _____
8. _____
9. _____

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Front - 1 Floor - F	sol	X		8-15-25	1442	3		X	X	X							
2.	L	L		X	1	1448	5	X				X						
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>J. C. [Signature]</u>	DATE/TIME: <u>1530</u> <u>8-15-2025</u>	RECEIVED BY: 1. _____	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT COOLER TEMP <u>4.12</u> °C
RELINQUISHED BY SAMPLER: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____	Comments: <u>equal volume of soil used.</u>
RELINQUISHED BY SAMPLER: 3. <u>J. C. [Signature]</u>	DATE/TIME: <u>1700</u> <u>8-15-2025</u>	RECEIVED BY: 3. <u>J. C. [Signature]</u>	Page <u>2</u> of <u>2</u> CLIENT: ☐ Hand Delivered ☐ Other _____
			Shipment Complete ☐ YES ☐ NO

CHEMTECH

Environmental Laboratory

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

Project Name:

2000
BAPS ~~TH~~

Chemtech Order ID:

Service Order #:

~~BAPS TH~~
BAPS Tonnelle Ave

Sampler Name:

Lawrence Cahn

Work Order #:

Client Project Coordinator & Phone:

Labor WBS #:

Page #: 1 of 1

Facility/Site:

Date: 8.15.2025

Site Address:

Arrive Time: 11:42

Ave, North Bergen, N.J.

Depart Time: 1530

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

1501 wall

Collection Depth:

Dimensions/CY:

Temp (range):

°C

PID Readings (range):

PPM

Odor: Y / N

Color Y / N

Sample Description:

Brown soil, rocks

Field Observations:

5 drums, 1 Floor - North East Corner - Back-A, 1 Floor - Drill - B - Back, 1 Floor - Center Middle - C - Back, 3 Floor - North - D, 3 Floor - South - E, Front - 1 Floor - F

Grid/Area Composite Map:

QA Control # A3041134

3 Floor - South - E

Ribbon
marker

3 Floor - North - D

North East Corner 1 Floor - A - Back

1 Floor - Center Middle - C Back

1 Floor - Drill - B Back

FRONT 1 Floor - F

Sampler Signature:

8.15.2025

Supervisor Review/Date:

Client Signature:

Date/Time Arrived at Lab:

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	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 : Q2892	BAPS03	Order Date : 8/15/2025 3:18:33 PM	Project Mgr : Yazmeen
Client Name : BAPS North Bergen Develc		Project Name : BAPS 2000 Tonnelle Ave	Report Type : Level 1
Client Contact : Jatinkuma Patel		Receive DateTime : 8/15/2025 5:00:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : BAPS North Bergen Develc		Purchase Order :	Hard Copy Date :
Invoice Contact : Jatinkuma Patel			Date Signoff : 8/18/2025 11:07:33 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2892-01	1-FLOOR-NORTH-EAST-CORNER CORNER -BACK-A	Solid	08/15/2025	12:50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2892-03	1-FLOOR-DRILL-B-BACK	Solid	08/15/2025	13:10					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2892-05	BACK-1-FLOOR-CENTER-MIDDLE-C	Solid	08/15/2025	13:22					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2892-07	3-FLOOR-NORTH-D	Solid	08/15/2025	14:06					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2892-09	3-FLOOR-SOUTH-E	Solid	08/15/2025	14:30					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2892-11	FRONT-1-FLOOR-F	Solid	08/15/2025	14:48					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2892 BAPS03

Order Date : 8/15/2025 3:18:33 PM

Project Mgr :

Client Name : BAPS North Bergen

Project Name : BAPS 2000 Tonnelle Ave

Report Type : Level 1

Client Contact : Jatinkuma Patel

Receive DateTime : 8/15/2025 ~~12:00:00 AM~~

EDD Type : EXCEL NJCLEANUP

Invoice Name : BAPS North Bergen

Purchase Order : 5:00:00 PM

Hard Copy Date :

Invoice Contact : Jatinkuma Patel

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By :

Date / Time :


8/18/25 0730

Received By :

Date / Time :


8/18/25 730

Storage Area : VOA Refridgerator Room