



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.:

Order ID:

Client:

Project ID:

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

Total Concentration:

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J
- K
- L



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:		
Project:	North Arlington, NJ		Date Received:	07/23/25	
Client Sample ID:	PB168926TB		SDG No.:	Q2646	
Lab Sample ID:	PB168926TB		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096557.D	1	07/23/25 12:15	07/24/25 13:04	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		30 (57) - 150 (171)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		30 (61) - 150 (148)	96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25	
Project:	North Arlington, NJ		Date Received:	07/18/25	
Client Sample ID:	FRAC TANK		SDG No.:	Q2646	
Lab Sample ID:	Q2646-03		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096565.D	1	07/23/25 12:15	07/24/25 18:10	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.4		30 (57) - 150 (171)	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.8		30 (61) - 150 (148)	134%	SPK: 20

Comments:

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Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25	
Project:	North Arlington, NJ		Date Received:	07/18/25	
Client Sample ID:	FRAC TANKRE		SDG No.:	Q2646	
Lab Sample ID:	Q2646-03RE		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096670.D	1	07/23/25 12:15	07/31/25 15:30	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.1		30 (57) - 150 (171)	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	36.1	*	30 (61) - 150 (148)	181%	SPK: 20

Comments:

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096237.D	PIBLK-PL096237.D	Decachlorobiphen	1	20	19.5	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.9	89		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.1	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	18.9	94		30 (61)	150 (148)
I.BLK-PL096551.D	PIBLK-PL096551.D	Decachlorobiphen	1	20	20.1	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.9	109		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.9	84		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.3	116		30 (61)	150 (148)
PB168984BL	PB168984BL	Decachlorobiphen	1	20	17.2	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.8	89		30 (61)	150 (148)
		Decachlorobiphen	2	20	15.5	78		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.6	98		30 (61)	150 (148)
PB168984BS	PB168984BS	Decachlorobiphen	1	20	19.0	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.8	84		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.7	104		30 (61)	150 (148)
PB168926TB	PB168926TB	Decachlorobiphen	1	20	17.4	87		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.0	90		30 (61)	150 (148)
		Decachlorobiphen	2	20	15.7	79		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	19.2	96		30 (61)	150 (148)
Q2641-02MS	P001-CONCRETE001-01MS	Decachlorobiphen	1	20	21.0	105		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.9	105		30 (61)	150 (148)
		Decachlorobiphen	2	20	19.1	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.8	109		30 (61)	150 (148)
Q2641-02MSD	P001-CONCRETE001-01MSD	Decachlorobiphen	1	20	20.6	103		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.6	103		30 (61)	150 (148)
		Decachlorobiphen	2	20	19.2	96		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.4	107		30 (61)	150 (148)
Q2646-03	FRAC TANK	Decachlorobiphen	1	20	13.4	67		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	8.88	44		30 (61)	150 (148)
		Decachlorobiphen	2	20	9.95	50		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	26.8	134		30 (61)	150 (148)
I.BLK-PL096566.D	PIBLK-PL096566.D	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.5	102		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.2	91		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.5	112		30 (61)	150 (148)
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-PL096666.D	PIBLK-PL096666.D	Decachlorobiphen	1	20	23.5	117		30 (57)	150 (171)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096666.D	PIBLK-PL096666.D	Tetrachloro-m-xyl	1	20	22.0	110		30 (61)	150 (148)
		Decachlorobiphen	2	20	25.3	127		30 (57)	150 (171)
Q2646-03RE	FRAC TANKRE	Tetrachloro-m-xyl	2	20	21.8	109		30 (61)	150 (148)
		Decachlorobiphen	1	20	14.1	70		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	6.84	34		30 (61)	150 (148)
		Decachlorobiphen	2	20	12.0	60		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	36.1	181	*	30 (61)	150 (148)
I.BLK-PL096677.D	PIBLK-PL096677.D	Decachlorobiphen	1	20	23.8	119		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.4	107		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.0	110		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.2	106		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PL096560.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MS	Client Sample ID:		P001-CONCRETE001-01M								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.60	ug/L	112				30 (60)	150 (152)	
	Heptachlor	5	0	5.50	ug/L	110				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.80	ug/L	116				30 (77)	150 (143)	
	Endrin	5	0	5.40	ug/L	108				30 (76)	150 (144)	
	Methoxychlor	5	0.15	4.40	ug/L	87				30 (70)	150 (142)	
Lab Sample ID:	Q2641-02MS	Client Sample ID:		P001-CONCRETE001-01M								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.70	ug/L	114				30 (60)	150 (152)	
	Heptachlor	5	0	5.50	ug/L	110				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.70	ug/L	114				30 (77)	150 (143)	
	Endrin	5	0	5.30	ug/L	106				30 (76)	150 (144)	
	Methoxychlor	5	0.14	4.50	ug/L	90				30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PL096561.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MSD	Client Sample ID:		P001-CONCRETE001-01M								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.60	ug/L	112		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.40	ug/L	108		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.70	ug/L	114		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.30	ug/L	106		2		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0.15	4.40	ug/L	87		0		30 (70)	150 (142)	20 (20)
Lab Sample ID:	Q2641-02MSD	Client Sample ID:		P001-CONCRETE001-01M								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.60	ug/L	112		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.40	ug/L	108		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.60	ug/L	112		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.20	ug/L	104		2		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0.14	4.50	ug/L	90		0		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PL096555.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168984BS (Column 1)	gamma-BHC (Lindane)	0.5	0.56	ug/L	113				40 (82)	140 (129)	
	Heptachlor	0.5	0.53	ug/L	107				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.61	ug/L	122				40 (81)	140 (124)	
	Endrin	0.5	0.46	ug/L	93				40 (81)	140 (128)	
	Methoxychlor	0.5	0.40	ug/L	79				40 (78)	140 (108)	
PB168984BS (Column 2)	gamma-BHC (Lindane)	0.5	0.60	ug/L	120				40 (82)	140 (129)	
	Heptachlor	0.5	0.55	ug/L	110				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.59	ug/L	118				40 (81)	140 (124)	
	Endrin	0.5	0.48	ug/L	95				40 (81)	140 (128)	
	Methoxychlor	0.5	0.40	ug/L	79				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168984BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB168984BL

Lab File ID: PL096554.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025

Date Analyzed (2): 07/24/2025

Time Analyzed (1): 12:24

Time Analyzed (2): 12:24

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
PB168984BS	PB168984BS	PL096555.D	07/24/2025	07/24/2025
PB168926TB	PB168926TB	PL096557.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MS	Q2641-02MS	PL096560.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PL096561.D	07/24/2025	07/24/2025
FRAC TANK	Q2646-03	PL096565.D	07/24/2025	07/24/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:		
Project:	North Arlington, NJ		Date Received:		
Client Sample ID:	PB168984BL		SDG No.:	Q2646	
Lab Sample ID:	PB168984BL		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096554.D	1	07/23/25 12:15	07/24/25 12:24	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.2		30 (57) - 150 (171)	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		30 (61) - 150 (148)	98%	SPK: 20

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/07/25	
Project:	North Arlington, NJ		Date Received:	07/07/25	
Client Sample ID:	PIBLK-PL096237.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096237.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		30 (57) - 150 (171)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		30 (61) - 150 (148)	94%	SPK: 20

Comments:

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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

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/24/25	
Project:	North Arlington, NJ		Date Received:	07/24/25	
Client Sample ID:	PIBLK-PL096551.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096551.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096551.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		30 (57) - 150 (171)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		30 (61) - 150 (148)	116%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/24/25	
Project:	North Arlington, NJ		Date Received:	07/24/25	
Client Sample ID:	PIBLK-PL096566.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096566.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096566.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		30 (57) - 150 (171)	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		30 (61) - 150 (148)	112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/28/25	
Project:	North Arlington, NJ		Date Received:	07/28/25	
Client Sample ID:	PIBLK-PL096593.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096593.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.2		30 (57) - 150 (171)	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		30 (61) - 150 (148)	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/31/25	
Project:	North Arlington, NJ		Date Received:	07/31/25	
Client Sample ID:	PIBLK-PL096666.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096666.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096666.D	1		07/31/25	pl073125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.3		30 (57) - 150 (171)	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (61) - 150 (148)	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/31/25	
Project:	North Arlington, NJ		Date Received:	07/31/25	
Client Sample ID:	PIBLK-PL096677.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PL096677.D		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096677.D	1		07/31/25	pl073125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		30 (57) - 150 (171)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (61) - 150 (148)	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168984BS	SDG No.:	Q2646
Lab Sample ID:	PB168984BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096555.D	1	07/23/25 12:15	07/24/25 12:37	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.60		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.55		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.61		0.0096	0.050	ug/L
72-20-8	Endrin	0.48		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.40		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.0		30 (57) - 150 (171)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (61) - 150 (148)	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2646
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096560.D	1	07/23/25 12:15	07/24/25 17:02	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.70		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.40		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		30 (57) - 150 (171)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		30 (61) - 150 (148)	109%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2646
Lab Sample ID:	Q2641-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096561.D	1	07/23/25 12:15	07/24/25 17:15	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.60		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.70		0.096	0.50	ug/L
72-20-8	Endrin	5.30		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		30 (57) - 150 (171)	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (61) - 150 (148)	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H
I
J
K
L

Contract: ENVI60

SDG NO.: Q2646

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

Calibration Times: 10:53 11:49

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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Instrument ID: ECD_L

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

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

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

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance
Contract: ENVI60

Lab Code: ACE
SDG NO.: Q2646

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

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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ENVI60</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2646</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
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Endrin	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
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

A
B
C
D
E
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G
H
I
J
K
L

Calibration Times: **16:52** **17:47**

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

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
Decachlorobiphenyl	2289370000	2250980000	2316430000	2450150000	2616360000	2384660000	6
Endrin	3129990000	2990370000	2986700000	3066080000	2960790000	3026790000	2
gamma-BHC (Lindane)	4576650000	4410990000	4390520000	4378210000	4360850000	4423440000	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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

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 = <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
Decachlorobiphenyl	4108230000	4098750000	4223500000	4429960000	4831160000	4338320000	7
Endrin	5415430000	5344790000	5376200000	5344400000	5549010000	5405970000	2
gamma-BHC (Lindane)	6730030000	6610730000	6634310000	6589530000	6452200000	6603360000	2
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

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	
Chlordane	500	1	4.69	4.59	4.79	161999000
		2	5.21	5.11	5.31	166820000
		3	5.92	5.82	6.02	653028000
		4	6.00	5.90	6.10	807063000
		5	6.84	6.74	6.94	127993000
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance
Contract: ENVI60

Lab Code: ACE
SDG NO.: Q2646

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	
Chlordane	500	1	3.84	3.74	3.94	200134000
		2	4.42	4.32	4.52	230006000
		3	5.05	4.95	5.15	672187000
		4	5.12	5.02	5.22	601242000
		5	6.01	5.91	6.11	244798000
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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

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

Continuing Calib Time: 11:28

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025
Continuing Calib Time: 11:28 **Initial Calibration Time(s):** 10:53 11:49

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.017	8.920	9.120	54.750	50.000	9.5
Endrin	6.543	6.445	6.645	52.690	50.000	5.4
gamma-BHC (Lindane)	4.311	4.213	4.413	57.100	50.000	14.2
Heptachlor	4.903	4.806	5.006	54.190	50.000	8.4
Heptachlor epoxide	5.662	5.565	5.765	57.860	50.000	15.7
Methoxychlor	7.463	7.364	7.564	57.890	50.000	15.8
Tetrachloro-m-xylene	3.535	3.438	3.638	55.150	50.000	10.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.993	7.896	8.096	47.090	50.000	-5.8
Endrin	5.709	5.612	5.812	56.050	50.000	12.1
gamma-BHC (Lindane)	3.664	3.567	3.767	57.790	50.000	15.6
Heptachlor	4.013	3.917	4.117	55.010	50.000	10.0
Heptachlor epoxide	4.798	4.702	4.902	56.250	50.000	12.5
Methoxychlor	6.681	6.584	6.784	54.670	50.000	9.3
Tetrachloro-m-xylene	2.827	2.729	2.929	57.210	50.000	14.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

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

Continuing Calib Time: 18:51

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

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

Continuing Calib Time: 18:51

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.016	8.920	9.120	57.800	50.000	15.6
Endrin	6.543	6.445	6.645	57.090	50.000	14.2
gamma-BHC (Lindane)	4.312	4.213	4.413	56.850	50.000	13.7
Heptachlor	4.903	4.806	5.006	57.150	50.000	14.3
Heptachlor epoxide	5.663	5.565	5.765	57.210	50.000	14.4
Methoxychlor	7.461	7.364	7.564	59.290	50.000	18.6
Tetrachloro-m-xylene	3.536	3.438	3.638	56.140	50.000	12.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.896	8.096	38.640	50.000	-22.7
Endrin	5.710	5.612	5.812	54.160	50.000	8.3
gamma-BHC (Lindane)	3.666	3.567	3.767	58.700	50.000	17.4
Heptachlor	4.015	3.917	4.117	56.670	50.000	13.3
Heptachlor epoxide	4.800	4.702	4.902	55.590	50.000	11.2
Methoxychlor	6.682	6.584	6.784	59.020	50.000	18.0
Tetrachloro-m-xylene	2.829	2.729	2.929	58.000	50.000	16.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

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

Continuing Calib Time: 14:49

Initial Calibration Time(s): 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

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

Continuing Calib Time: 14:49

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
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096667.D **Time Analyzed:** 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.916	9.116	55.130	50.000	10.3
Endrin	6.542	6.442	6.642	52.120	50.000	4.2
gamma-BHC (Lindane)	4.310	4.210	4.410	53.830	50.000	7.7
Heptachlor	4.902	4.803	5.003	54.410	50.000	8.8
Heptachlor epoxide	5.662	5.562	5.762	55.110	50.000	10.2
Methoxychlor	7.461	7.362	7.562	50.160	50.000	0.3
Tetrachloro-m-xylene	3.535	3.435	3.635	53.970	50.000	7.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096667.D **Time Analyzed:** 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.892	8.092	58.200	50.000	16.4
Endrin	5.709	5.609	5.809	52.210	50.000	4.4
gamma-BHC (Lindane)	3.665	3.565	3.765	54.890	50.000	9.8
Heptachlor	4.014	3.914	4.114	53.610	50.000	7.2
Heptachlor epoxide	4.799	4.699	4.899	54.860	50.000	9.7
Methoxychlor	6.681	6.581	6.781	51.330	50.000	2.7
Tetrachloro-m-xylene	2.827	2.728	2.928	54.460	50.000	8.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

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

Continuing Calib Time: 17:19

Initial Calibration Time(s): 16:52 17:47

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.01	9.02	8.92	9.12	0.01
Tetrachloro-m-xylene	3.53	3.54	3.44	3.64	0.01
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.90	4.80	5.00	0.00
Heptachlor epoxide	5.66	5.66	5.56	5.76	0.00
Endrin	6.54	6.54	6.44	6.64	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

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

Continuing Calib Time: 17:19

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
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096678.D **Time Analyzed:** 17:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.014	8.916	9.116	56.240	50.000	12.5
Endrin	6.542	6.442	6.642	50.770	50.000	1.5
gamma-BHC (Lindane)	4.310	4.210	4.410	53.420	50.000	6.8
Heptachlor	4.902	4.803	5.003	53.720	50.000	7.4
Heptachlor epoxide	5.661	5.562	5.762	54.510	50.000	9.0
Methoxychlor	7.461	7.362	7.562	48.560	50.000	-2.9
Tetrachloro-m-xylene	3.534	3.435	3.635	53.530	50.000	7.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/28/2025 07/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL096678.D **Time Analyzed:** 17:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.992	7.892	8.092	52.490	50.000	5.0
Endrin	5.709	5.609	5.809	49.600	50.000	-0.8
gamma-BHC (Lindane)	3.665	3.565	3.765	53.920	50.000	7.8
Heptachlor	4.014	3.914	4.114	51.970	50.000	3.9
Heptachlor epoxide	4.799	4.699	4.899	53.430	50.000	6.9
Methoxychlor	6.680	6.581	6.781	46.140	50.000	-7.7
Tetrachloro-m-xylene	2.828	2.728	2.928	53.740	50.000	7.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

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

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

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

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

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

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

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

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

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

Client Sample No. (PEM): PEM - PL096552.D Date Analyzed: 07/24/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.013	8.910	9.110	19.760	20.000	-1.2
Tetrachloro-m-xylene	3.534	3.480	3.580	21.860	20.000	9.3
alpha-BHC	3.982	3.930	4.030	10.780	10.000	7.8
beta-BHC	4.496	4.450	4.550	11.640	10.000	16.4
gamma-BHC (Lindane)	4.309	4.260	4.360	11.060	10.000	10.6
Endrin	6.541	6.470	6.610	49.940	50.000	-0.1
4,4'-DDT	6.988	6.920	7.060	84.700	100.000	-15.3
Methoxychlor	7.461	7.390	7.530	201.090	250.000	-19.6

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

Client Sample No. (PEM): PEM - PL096552.D Date Analyzed: 07/24/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.990	7.890	8.090	16.980	20.000	-15.1
Tetrachloro-m-xylene	2.827	2.780	2.880	22.440	20.000	12.2
alpha-BHC	3.332	3.280	3.380	11.170	10.000	11.7
beta-BHC	3.960	3.910	4.010	11.760	10.000	17.6
gamma-BHC (Lindane)	3.664	3.610	3.710	11.230	10.000	12.3
Endrin	5.707	5.640	5.780	51.550	50.000	3.1
4,4'-DDT	6.107	6.040	6.180	88.230	100.000	-11.8
Methoxychlor	6.680	6.610	6.750	190.350	250.000	-23.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

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

Client Sample No. (PEM): PEM - PL096656.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:41

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.014	8.910	9.110	25.270	20.000	26.4
Tetrachloro-m-xylene	3.534	3.480	3.580	23.830	20.000	19.2
alpha-BHC	3.981	3.930	4.030	11.400	10.000	14.0
beta-BHC	4.496	4.450	4.550	12.010	10.000	20.1
gamma-BHC (Lindane)	4.310	4.260	4.360	11.710	10.000	17.1
Endrin	6.541	6.470	6.610	61.530	50.000	23.1
4,4'-DDT	6.988	6.920	7.060	115.900	100.000	15.9
Methoxychlor	7.461	7.390	7.530	276.910	250.000	10.8

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

Client Sample No. (PEM): PEM - PL096656.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:41

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.991	7.890	8.090	26.410	20.000	32.1
Tetrachloro-m-xylene	2.827	2.780	2.880	23.830	20.000	19.2
alpha-BHC	3.332	3.280	3.380	11.660	10.000	16.6
beta-BHC	3.960	3.910	4.010	12.620	10.000	26.2
gamma-BHC (Lindane)	3.664	3.610	3.710	11.890	10.000	18.9
Endrin	5.709	5.640	5.780	63.280	50.000	26.6
4,4'-DDT	6.108	6.040	6.180	116.940	100.000	16.9
Methoxychlor	6.680	6.610	6.750	271.530	250.000	8.6

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	10:12	PL096237.D	9.02	3.54
PEM	PEM	07/07/2025	10:26	PL096238.D	9.02	3.54
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	9.02	3.54
PSTDICCC100	PSTDICCC100	07/07/2025	10:53	PL096240.D	9.02	3.54
PSTDICCC075	PSTDICCC075	07/07/2025	11:09	PL096241.D	9.02	3.54
PSTDICCC050	PSTDICCC050	07/07/2025	11:22	PL096242.D	9.02	3.54
PSTDICCC025	PSTDICCC025	07/07/2025	11:36	PL096243.D	9.02	3.54
PSTDICCC005	PSTDICCC005	07/07/2025	11:49	PL096244.D	9.02	3.54
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	9.02	3.54
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	9.02	3.54
IBLK	IBLK	07/24/2025	10:42	PL096551.D	9.02	3.53
PEM	PEM	07/24/2025	10:56	PL096552.D	9.01	3.53
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	9.02	3.54
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	9.02	3.53
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	9.02	3.54
PB168926TB	PB168926TB	07/24/2025	13:04	PL096557.D	9.02	3.54
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	9.02	3.54
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	9.02	3.54
FRAC TANK	Q2646-03	07/24/2025	18:10	PL096565.D	9.02	3.54
IBLK	IBLK	07/24/2025	18:23	PL096566.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	9.02	3.54
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
PSTDICCC100	PSTDICCC100	07/28/2025	16:52	PL096596.D	9.02	3.54
PSTDICCC075	PSTDICCC075	07/28/2025	17:06	PL096597.D	9.02	3.54
PSTDICCC050	PSTDICCC050	07/28/2025	17:19	PL096598.D	9.02	3.54
PSTDICCC025	PSTDICCC025	07/28/2025	17:33	PL096599.D	9.02	3.54
PSTDICCC005	PSTDICCC005	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	07/31/2025	09:41	PL096656.D	9.01	3.53
IBLK	IBLK	07/31/2025	14:35	PL096666.D	9.02	3.53
PSTDCCC050	PSTDCCC050	07/31/2025	14:49	PL096667.D	9.02	3.54
FRAC TANKRE	Q2646-03RE	07/31/2025	15:30	PL096670.D	9.01	3.53
IBLK	IBLK	07/31/2025	17:05	PL096677.D	9.01	3.53
PSTDCCC050	PSTDCCC050	07/31/2025	17:19	PL096678.D	9.01	3.53

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/07/2025	10:12	PL096237.D	8.00	2.83
PEM	PEM	07/07/2025	10:26	PL096238.D	8.00	2.83
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	8.00	2.83
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	8.00	2.83
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	8.00	2.83
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	8.00	2.83
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	8.00	2.83
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	8.00	2.83
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	8.00	2.83
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	8.00	2.83
IBLK	IBLK	07/24/2025	10:42	PL096551.D	7.99	2.83
PEM	PEM	07/24/2025	10:56	PL096552.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	7.99	2.83
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	7.99	2.82
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	7.99	2.83
PB168926TB	PB168926TB	07/24/2025	13:04	PL096557.D	7.99	2.83
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	7.99	2.83
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	7.99	2.83
FRAC TANK	Q2646-03	07/24/2025	18:10	PL096565.D	7.99	2.83
IBLK	IBLK	07/24/2025	18:23	PL096566.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	7.99	2.83
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	07/31/2025	09:41	PL096656.D	7.99	2.83
IBLK	IBLK	07/31/2025	14:35	PL096666.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/31/2025	14:49	PL096667.D	7.99	2.83
FRAC TANKRE	Q2646-03RE	07/31/2025	15:30	PL096670.D	7.99	2.83
IBLK	IBLK	07/31/2025	17:05	PL096677.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/31/2025	17:19	PL096678.D	7.99	2.83

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: Q2641-02MS

Date(s) Analyzed: 07/24/2025 07/24/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	1.8
	2	3.67	3.62	3.72	5.70	
Heptachlor	1	4.90	4.85	4.95	5.50	0
	2	4.01	3.96	4.06	5.50	
Heptachlor epoxide	1	5.66	5.61	5.71	5.80	1.7
	2	4.80	4.75	4.85	5.70	
Endrin	1	6.54	6.49	6.59	5.40	1.9
	2	5.71	5.66	5.76	5.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: Q2641-02MSD

Date(s) Analyzed: 07/24/2025 07/24/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.54	6.49	6.59	5.30	1.9
	2	5.71	5.66	5.76	5.20	
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	0
	2	3.67	3.62	3.72	5.60	
Heptachlor	1	4.90	4.85	4.95	5.40	0
	2	4.02	3.97	4.07	5.40	
Heptachlor epoxide	1	5.66	5.61	5.71	5.70	1.8
	2	4.80	4.75	4.85	5.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168984BS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB168984BS

Date(s) Analyzed: 07/24/2025 07/24/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.46	7.41	7.51	0.40	0.1
	2	6.68	6.63	6.73	0.40	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.56	6.2
	2	3.67	3.62	3.72	0.60	
Heptachlor	1	4.90	4.85	4.95	0.53	3.2
	2	4.01	3.96	4.06	0.55	
Heptachlor epoxide	1	5.66	5.61	5.71	0.61	3.3
	2	4.80	4.75	4.85	0.59	
Endrin	1	6.54	6.49	6.59	0.46	2.5
	2	5.71	5.66	5.76	0.48	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:04
Operator : AR\AJ
Sample : PB168926TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168926TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.829	65717006	111.0E6	18.010	19.233
28)	SA Decachlor...	9.016	7.992	48936052	78410214	17.396	15.725

Target Compounds

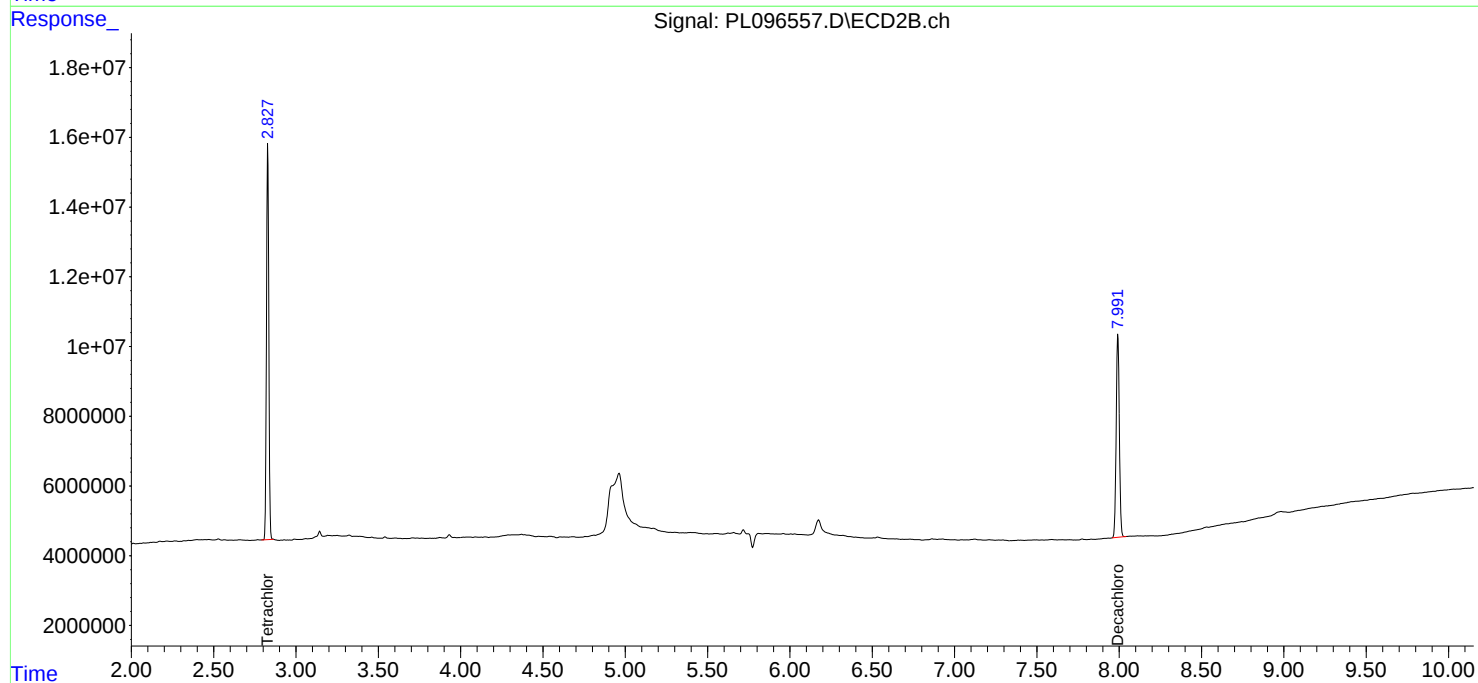
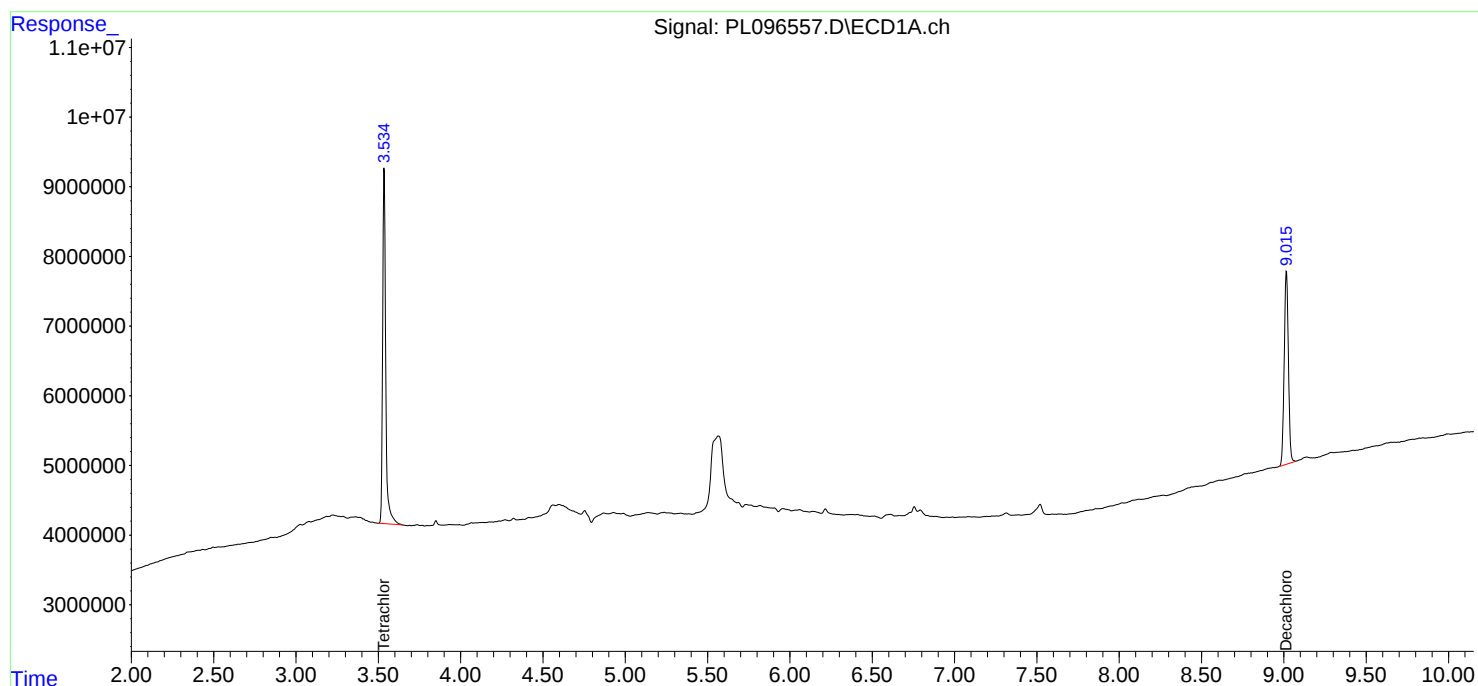
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:04
Operator : AR\AJ
Sample : PB168926TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

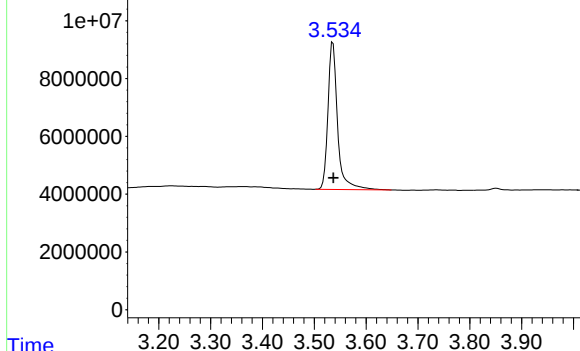
Instrument :
ECD_L
ClientSampleId :
PB168926TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PL096557.D\ECD1A.ch

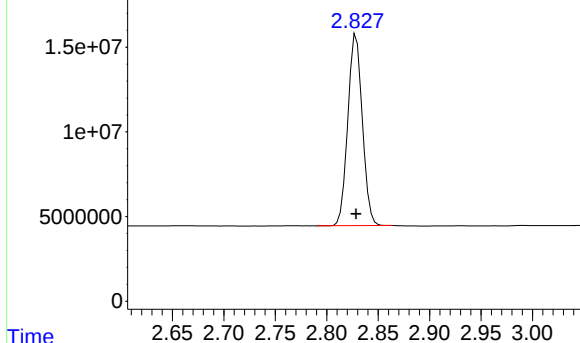


#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 65717006
Conc: 18.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168926TB

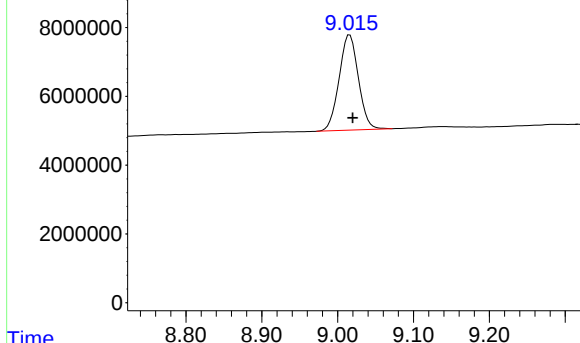
Time Response_ Signal: PL096557.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 110999379
Conc: 19.23 ng/ml

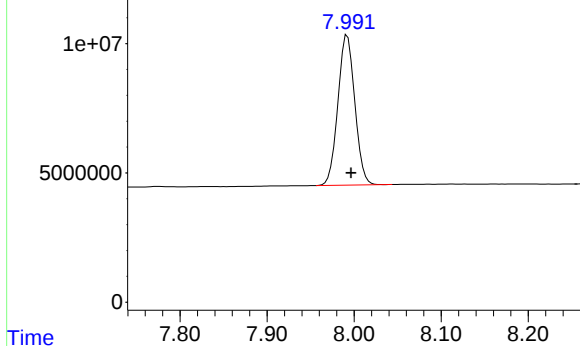
Time Response_ Signal: PL096557.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 48936052
Conc: 17.40 ng/ml

Time Response_ Signal: PL096557.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 78410214
Conc: 15.72 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 18:10
 Operator : AR\AJ
 Sample : Q2646-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FRAC TANK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:34:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.827	32415181	154.5E6	8.883m	26.777m#
28) SA Decachlor...	9.015	7.993	37821852	49613727	13.445m	9.950 #
Target Compounds						
18) B Endrin al...	6.887	6.171	10507313	12602738	4.700m	2.829m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:10
Operator : AR\AJ
Sample : Q2646-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

FRAC TANK

Manual Integrations

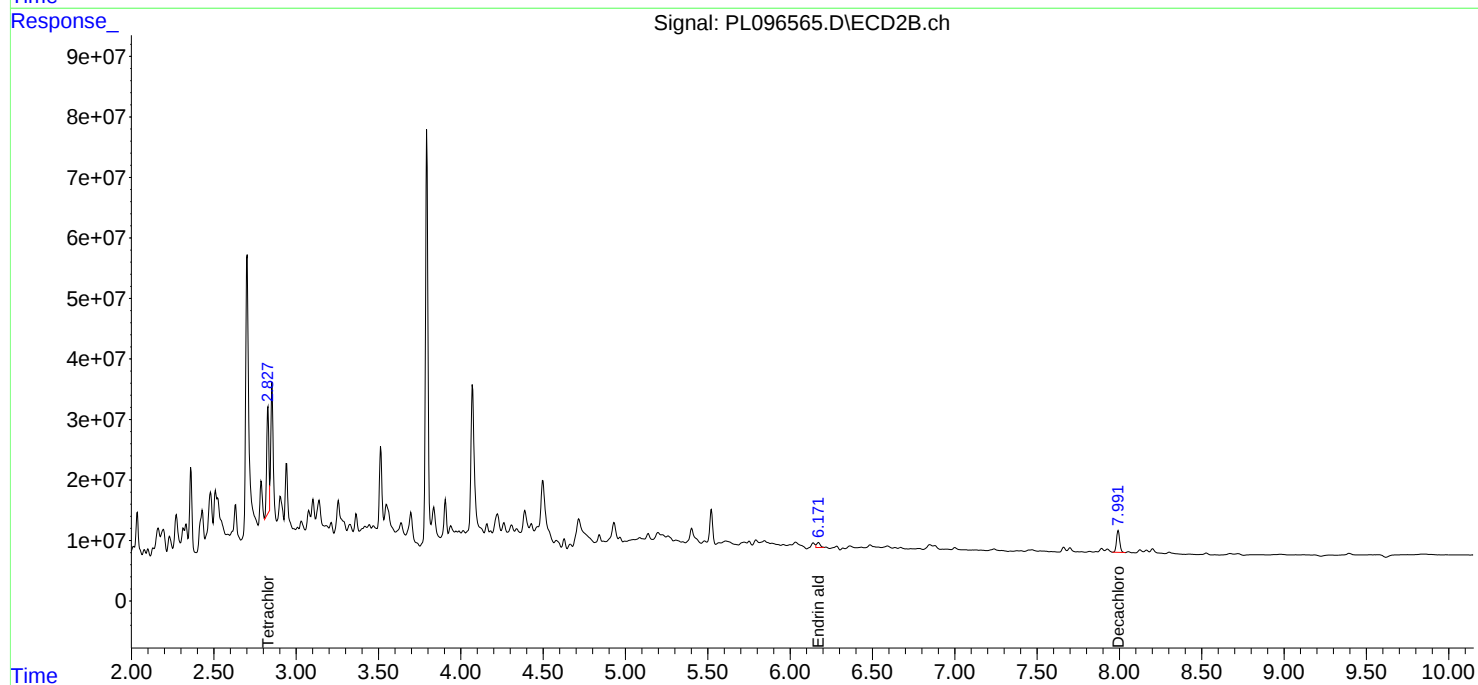
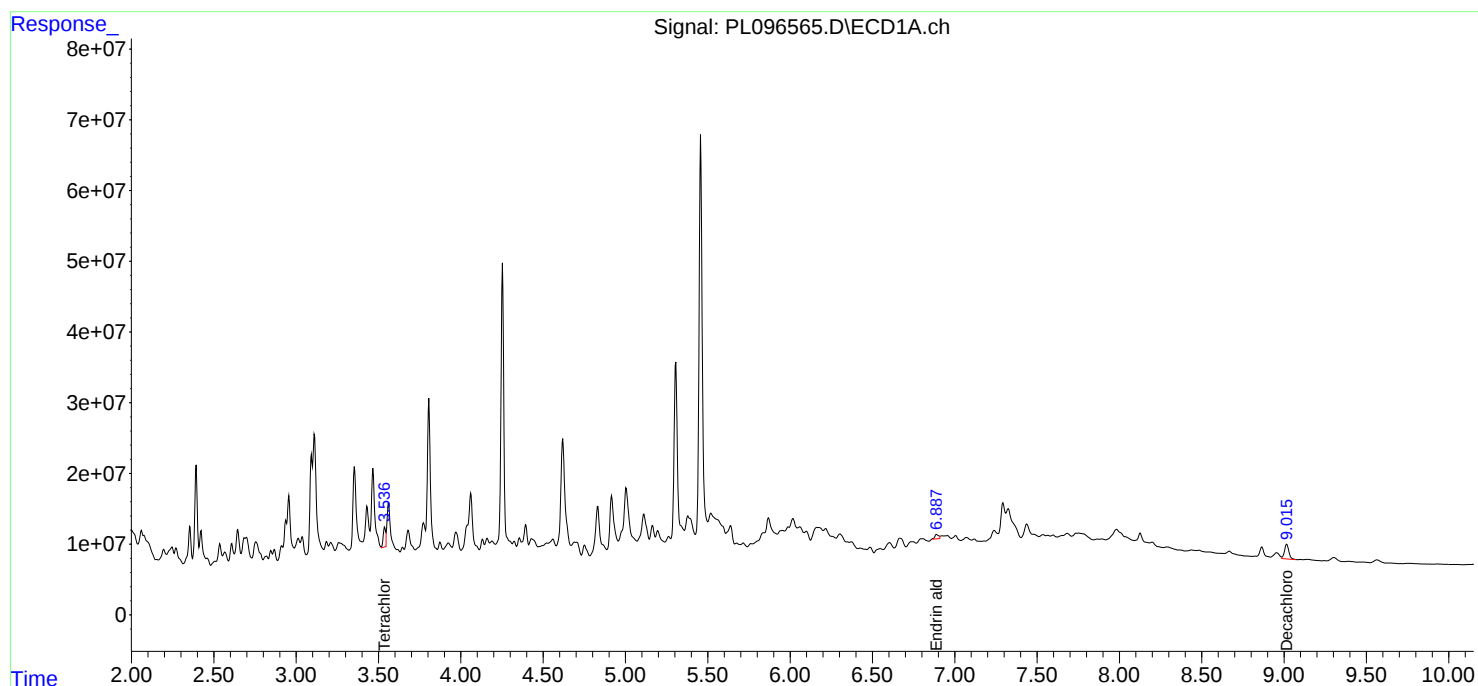
APPROVED

Reviewed By :Abdul Mirza 07/25/2025

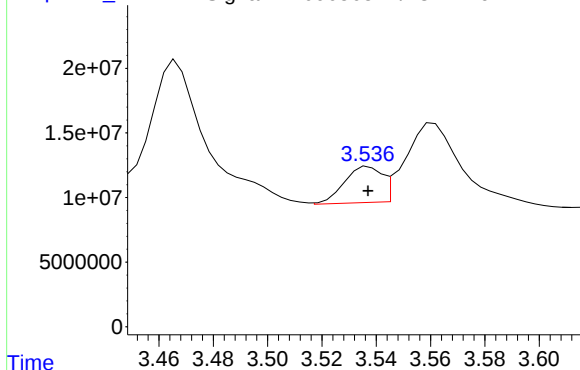
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:34:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PL096565.D\ECD1A.ch



#1 Tetrachloro-m-xylene

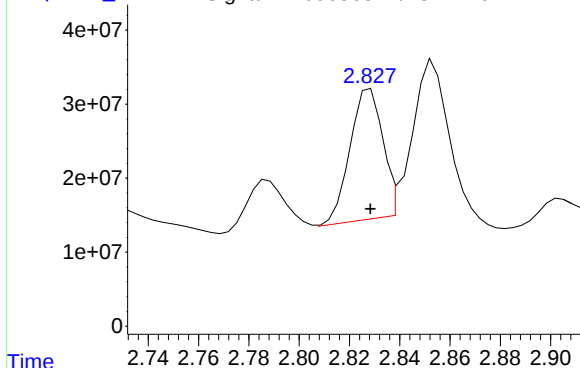
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 32415181
Conc: 8.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC TANK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

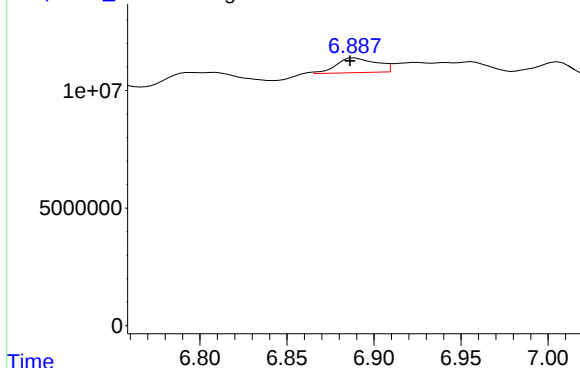
Response_ Signal: PL096565.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 154535222
Conc: 26.78 ng/ml m

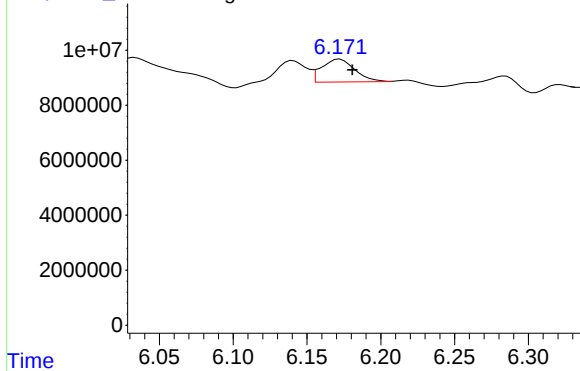
Response_ Signal: PL096565.D\ECD1A.ch



#18 Endrin aldehyde

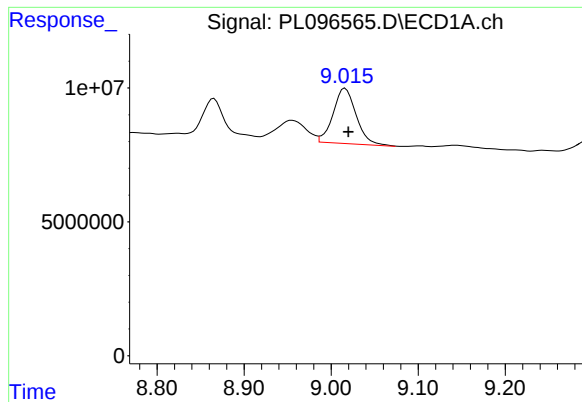
R.T.: 6.887 min
Delta R.T.: 0.001 min
Response: 10507313
Conc: 4.70 ng/ml m

Response_ Signal: PL096565.D\ECD2B.ch



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.010 min
Response: 12602738
Conc: 2.83 ng/ml m



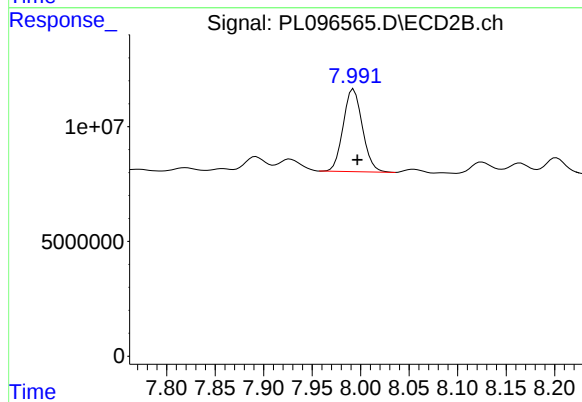
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 37821852
Conc: 13.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC TANK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 49613727
Conc: 9.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 15:30
 Operator : AR\AJ
 Sample : Q2646-03RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FRAC TANKRE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:49:48 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...	3.534	2.826	21767381	172.7E6	6.843m	36.146m#
2) SA Decachlor...	9.013	7.992	33494793	52028840	14.046m	11.993
Target Compounds						
18) B Endrin al...	6.890	6.171	11248251	23894685	5.242	3.360 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:30
Operator : AR\AJ
Sample : Q2646-03RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

FRAC TANKRE

Manual Integrations

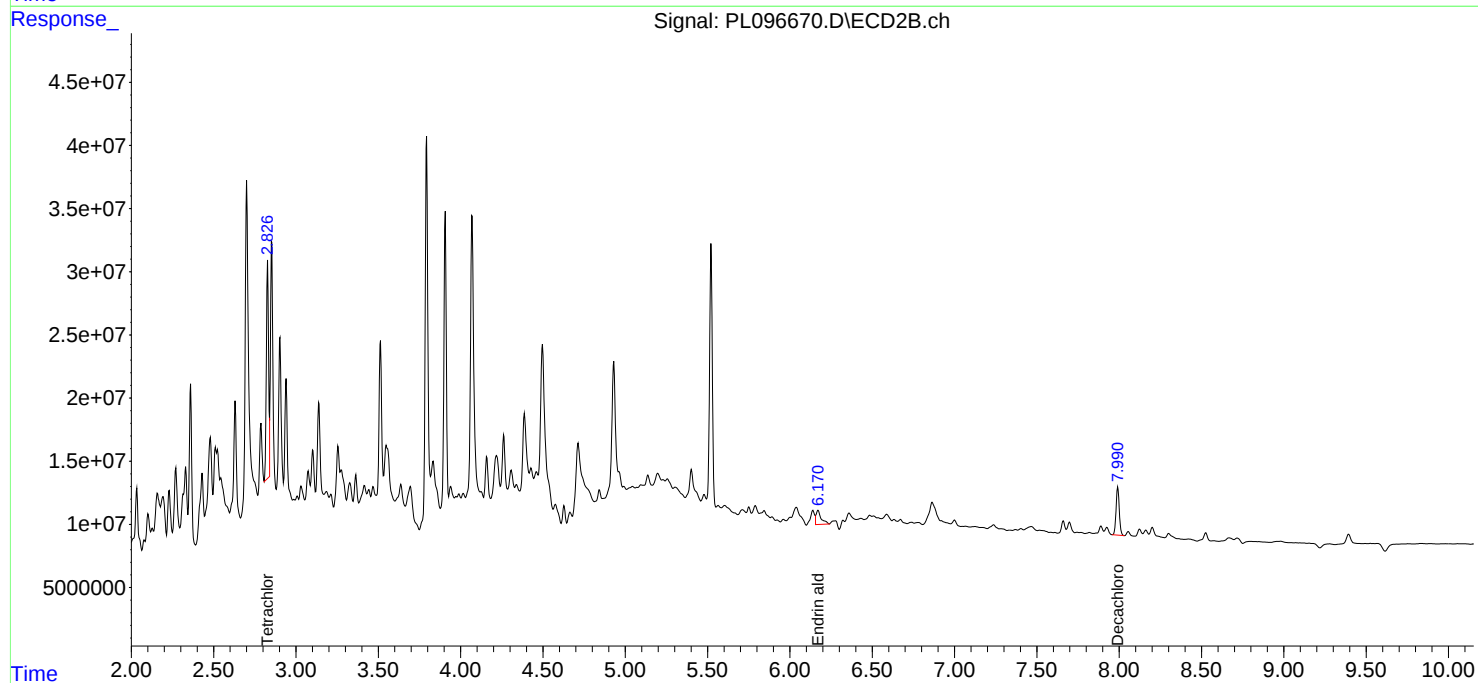
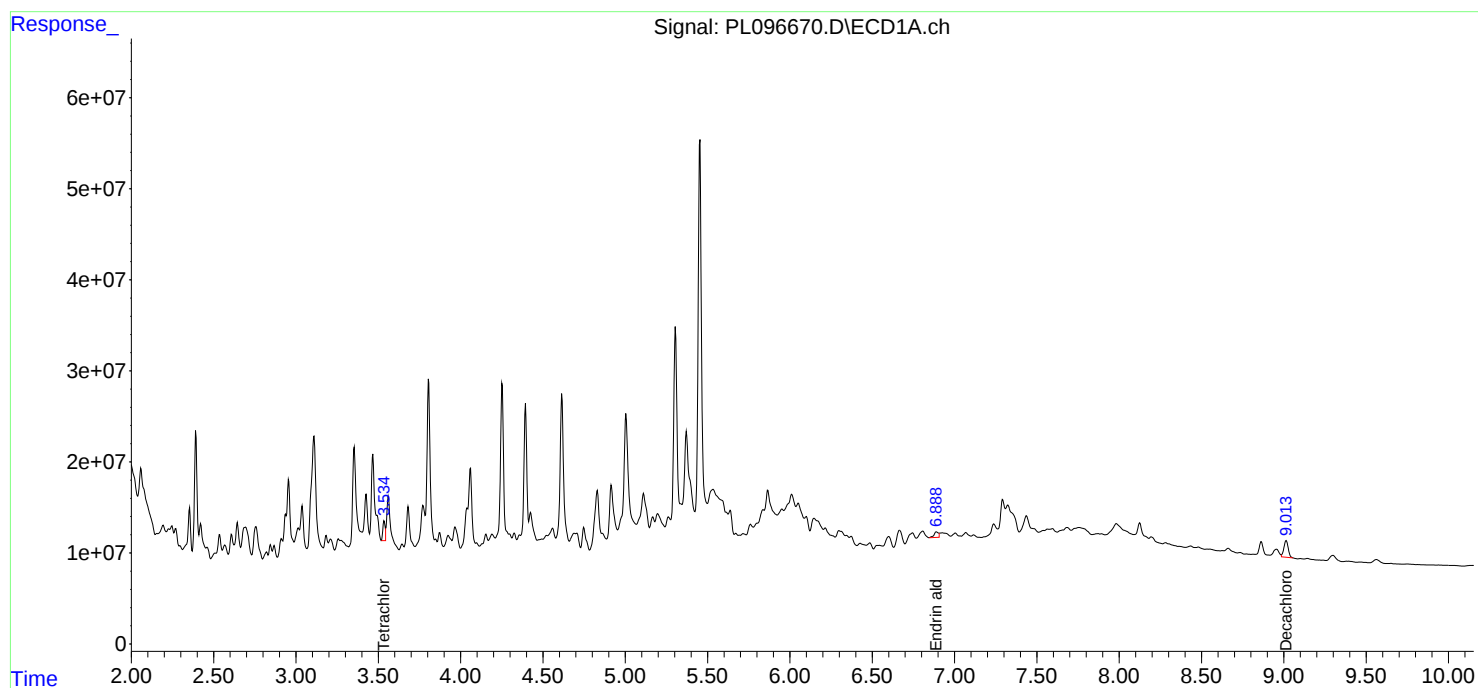
APPROVED

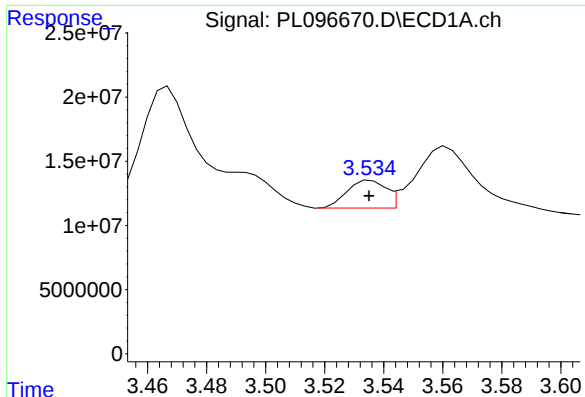
Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:49:48 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





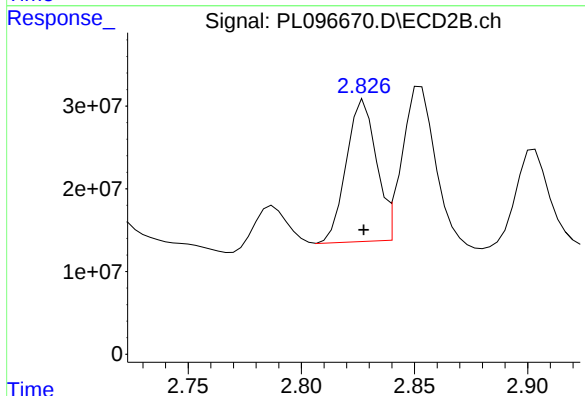
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 21767381
Conc: 6.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC TANKRE

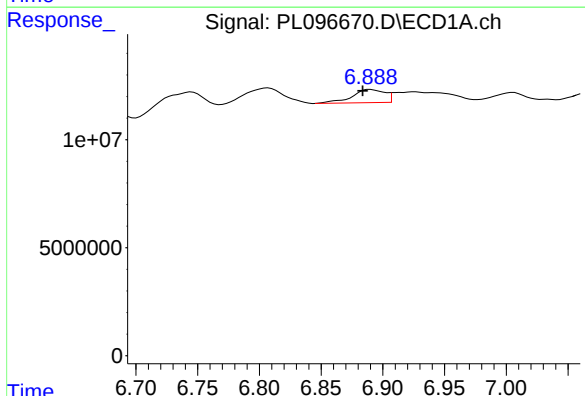
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



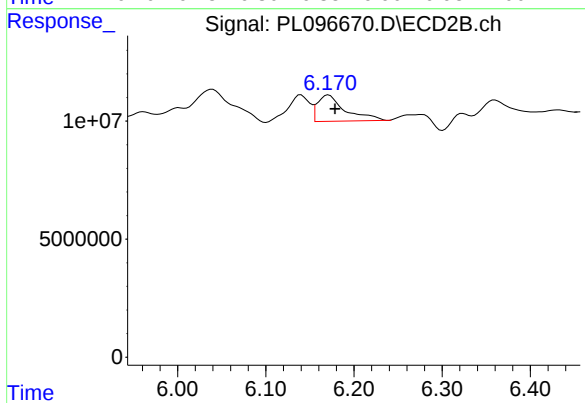
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.001 min
Response: 172697572
Conc: 36.15 ng/ml m



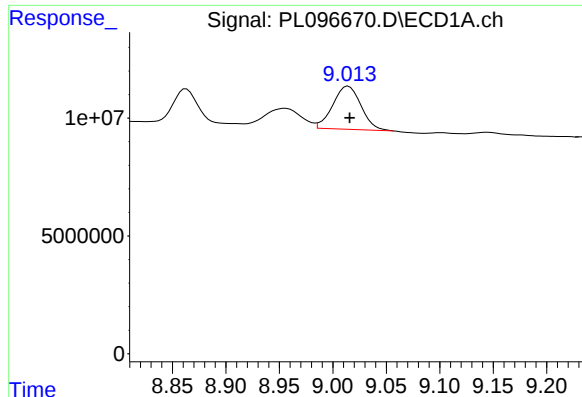
#18 Endrin aldehyde

R.T.: 6.890 min
Delta R.T.: 0.006 min
Response: 11248251
Conc: 5.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.008 min
Response: 23894685
Conc: 3.36 ng/ml



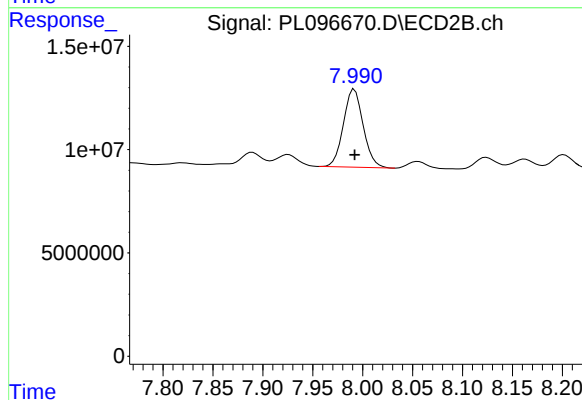
#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.003 min
Response: 33494793
Conc: 14.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC TANKRE

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 52028840
Conc: 11.99 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 12:24
 Operator : AR\AJ
 Sample : PB168984BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168984BL

A
B
C
D
E
F
G
H
I
J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:30:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.824	65034236	112.8E6	17.823	19.552
28)	SA Decachlor...	9.020	7.992	48446043	77285816	17.222	15.499

Target Compounds

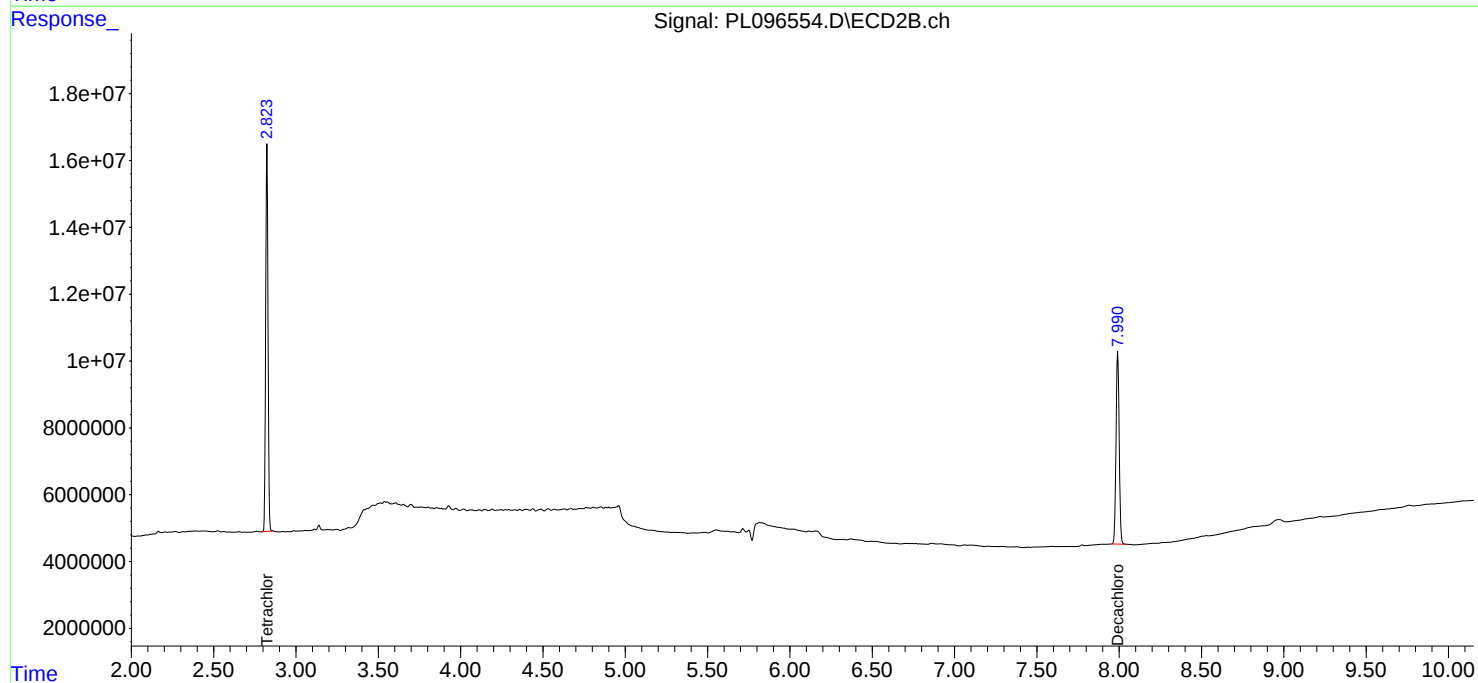
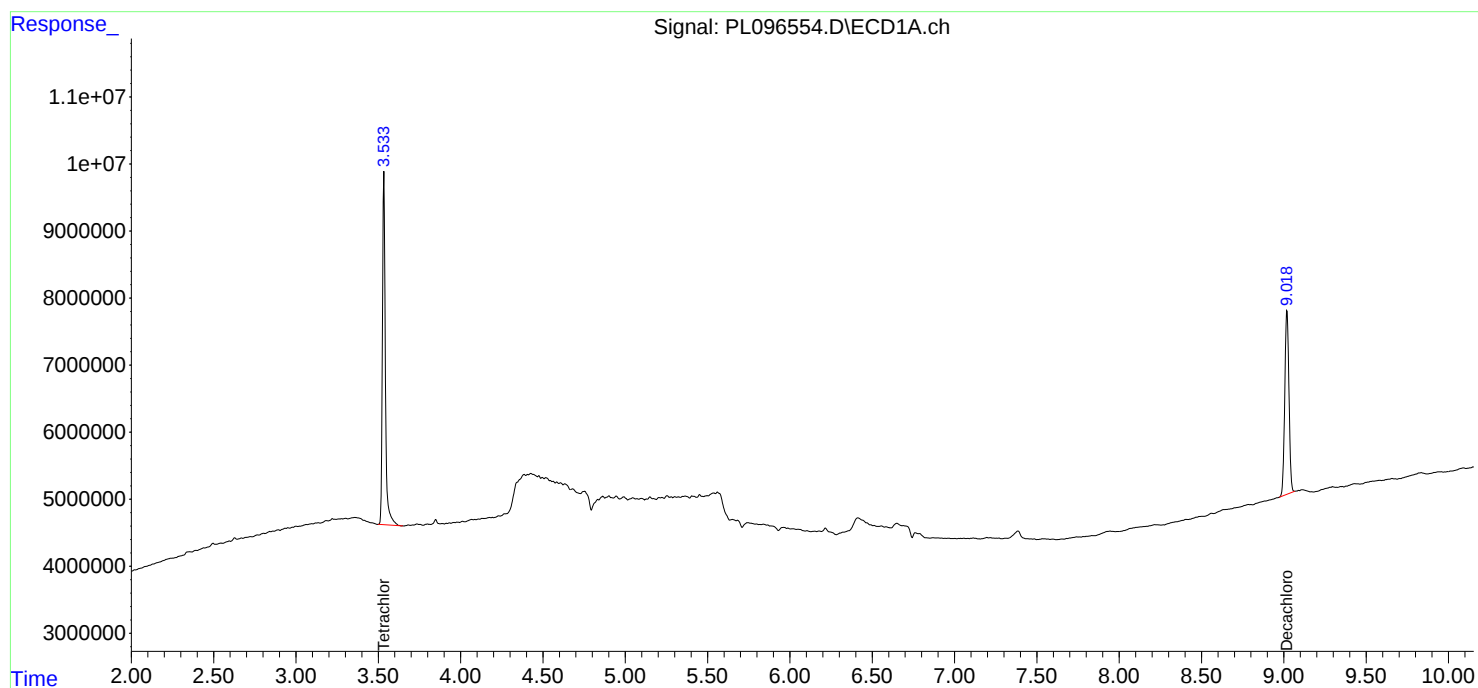
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:24
Operator : AR\AJ
Sample : PB168984BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168984BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PL096554.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 65034236
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168984BL

Time 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90

Response_ Signal: PL096554.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 112838850
Conc: 19.55 ng/ml

Time 2.65 2.70 2.75 2.80 2.85 2.90 2.95 3.00

Response_ Signal: PL096554.D\ECD1A.ch

#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 48446043
Conc: 17.22 ng/ml

Time 8.80 8.90 9.00 9.10 9.20

Response_ Signal: PL096554.D\ECD2B.ch

#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 77285816
Conc: 15.50 ng/ml

Time 7.80 7.90 8.00 8.10 8.20

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 12:37
 Operator : AR\AJ
 Sample : PB168984BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168984BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/25/2025

Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:31:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.827	70699130	119.6E6	19.375	20.731
28)	SA Decachlor...	9.015	7.991	53333178	83924263	18.959	16.830
Target Compounds							
2)	A alpha-BHC	3.982	3.333	296.3E6	513.0E6	57.617	60.825
3)	MA gamma-BHC...	4.310	3.665	280.9E6	472.6E6	56.408	60.000
4)	MA Heptachlor	4.902	4.013	245.0E6	419.9E6	53.468	55.195
5)	MB Aldrin	5.243	4.296	270.0E6	440.4E6	55.863	60.363
6)	B beta-BHC	4.497	3.960	118.7E6	196.7E6	57.077	57.442
7)	B delta-BHC	4.742	4.193	266.8E6	464.2E6	59.536	60.269
8)	B Heptachlo...	5.662	4.798	252.8E6	394.2E6	60.921	58.963
9)	A Endosulfan I	6.043	5.169	223.3E6	368.0E6	55.305	51.301
10)	B gamma-Chl...	5.915	5.050	251.7E6	418.8E6	56.892	59.656
11)	B alpha-Chl...	5.996	5.114	243.9E6	405.7E6	55.691	53.942
12)	B 4,4'-DDE	6.166	5.303	208.1E6	387.7E6	56.117	59.983
13)	MA Dieldrin	6.315	5.433	229.4E6	407.2E6	54.252	59.718
14)	MA Endrin	6.542	5.707	144.5E6	290.3E6	46.452	47.619
15)	B Endosulfa...	6.754	6.000	185.8E6	339.9E6	53.553	57.972
16)	A 4,4'-DDD	6.674	5.855	179.4E6	355.0E6	61.624	69.212
17)	MA 4,4'-DDT	6.989	6.107	128.4E6	249.5E6	42.291	43.497
18)	B Endrin al...	6.881	6.178	139.9E6	258.6E6	62.596m	58.059
19)	B Endosulfa...	7.117	6.401	162.3E6	314.9E6	53.061	55.987
20)	A Methoxychlor	7.461	6.680	62530226	120.7E6	39.692	39.740
21)	B Endrin ke...	7.596	6.905	179.9E6	351.4E6	54.474	56.207
22)	Mirex	8.075	7.096	129.3E6	229.2E6	46.466	46.142

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:37
Operator : AR\AJ
Sample : PB168984BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168984BS

Manual Integrations

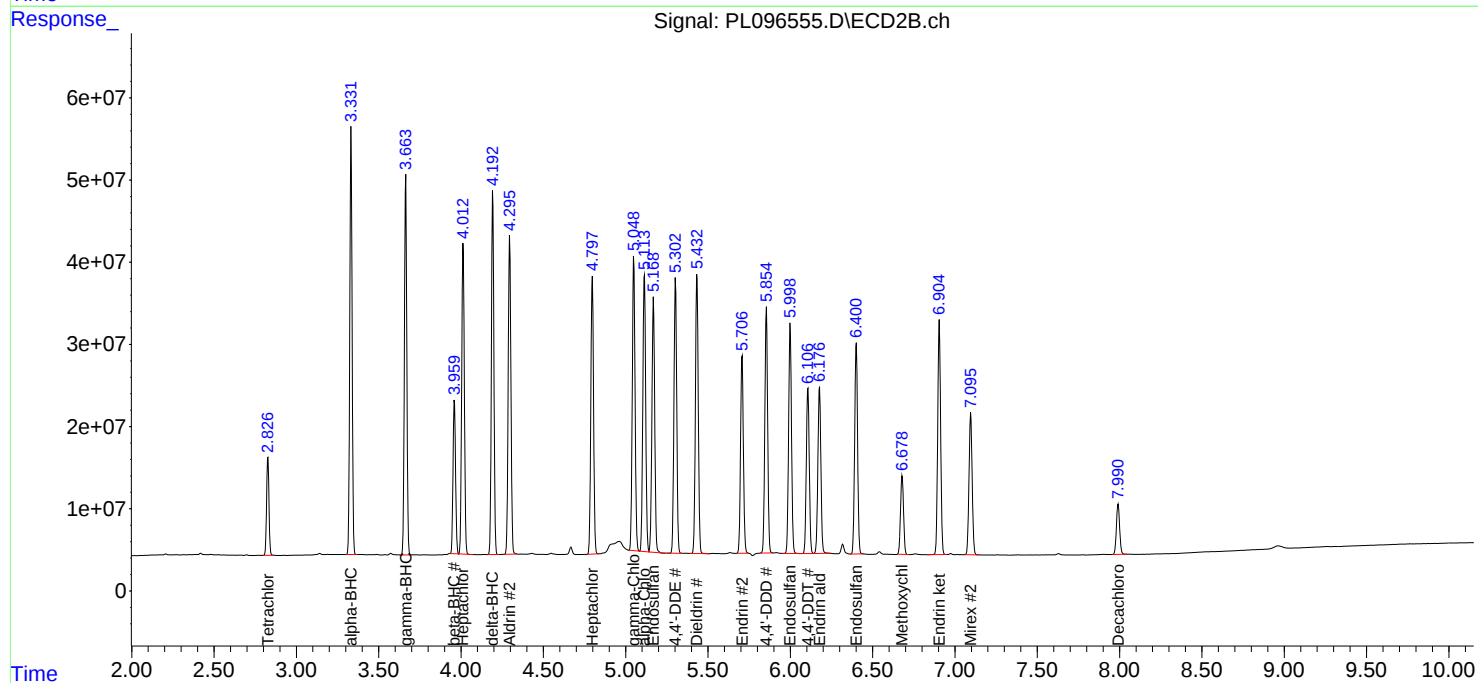
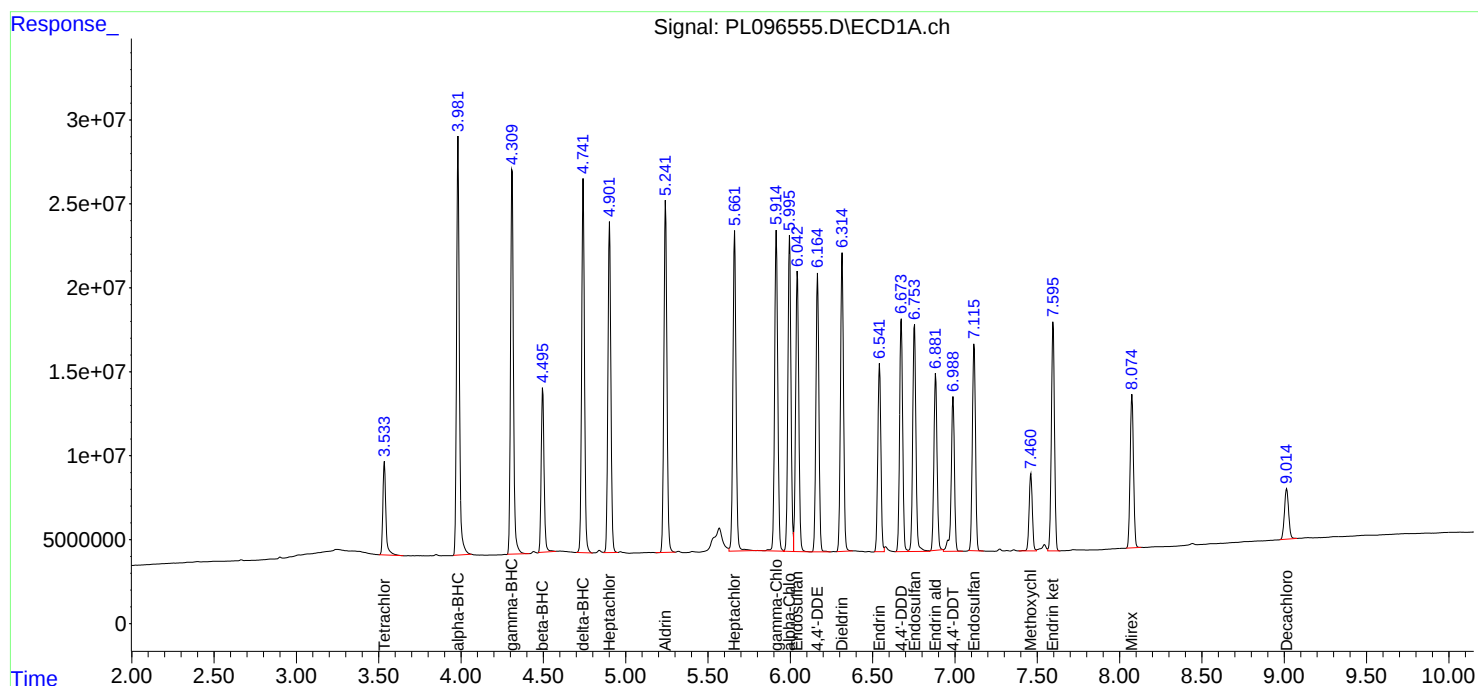
APPROVED

Reviewed By :Abdul Mirza 07/25/2025

Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 17:02
 Operator : AR\AJ
 Sample : Q2641-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CONCRETE001-01MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.828	76390600	125.7E6	20.935	21.783
28)	SA Decachlor...	9.017	7.993	59074999	95176800	21.000	19.087
Target Compounds							
2)	A alpha-BHC	3.983	3.333	285.8E6	487.8E6	55.578	57.839
3)	MA gamma-BHC...	4.309	3.665	278.8E6	451.7E6	55.985m	57.351
4)	MA Heptachlor	4.903	4.014	249.8E6	418.9E6	54.528	55.068
5)	MB Aldrin	5.243	4.296	258.4E6	409.6E6	53.462	56.147
6)	B beta-BHC	4.497	3.961	114.5E6	190.8E6	55.067	55.714
7)	B delta-BHC	4.743	4.194	255.0E6	427.2E6	56.897	55.464
8)	B Heptachlo...	5.663	4.798	242.0E6	379.7E6	58.321	56.802
9)	A Endosulfan I	6.044	5.169	168.1E6	263.3E6	41.628	36.696
10)	B gamma-Chl...	5.917	5.050	247.4E6	402.6E6	55.911	57.354
11)	B alpha-Chl...	5.997	5.114	242.5E6	391.9E6	55.386	52.118
12)	B 4,4'-DDE	6.166	5.303	207.2E6	375.4E6	55.899	58.072
13)	MA Dieldrin	6.316	5.434	232.7E6	398.6E6	55.022	58.455
14)	MA Endrin	6.543	5.708	167.5E6	322.3E6	53.860	52.874
15)	B Endosulfa...	6.756	6.000	99724499	181.2E6	28.739	30.905
16)	A 4,4'-DDD	6.676	5.854	176.3E6	366.9E6	60.558	71.531m
17)	MA 4,4'-DDT	6.990	6.108	142.4E6	273.3E6	46.924	47.661
18)	B Endrin al...	6.884	6.178	144.3E6	264.0E6	64.539	59.259
19)	B Endosulfa...	7.118	6.402	161.7E6	323.2E6	52.858	57.466
20)	A Methoxychlor	7.463	6.681	69738682	136.4E6	44.267	44.909
21)	B Endrin ke...	7.598	6.906	173.2E6	339.8E6	52.449	54.349
22)	Mirex	8.078	7.097	138.7E6	245.9E6	49.840	49.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

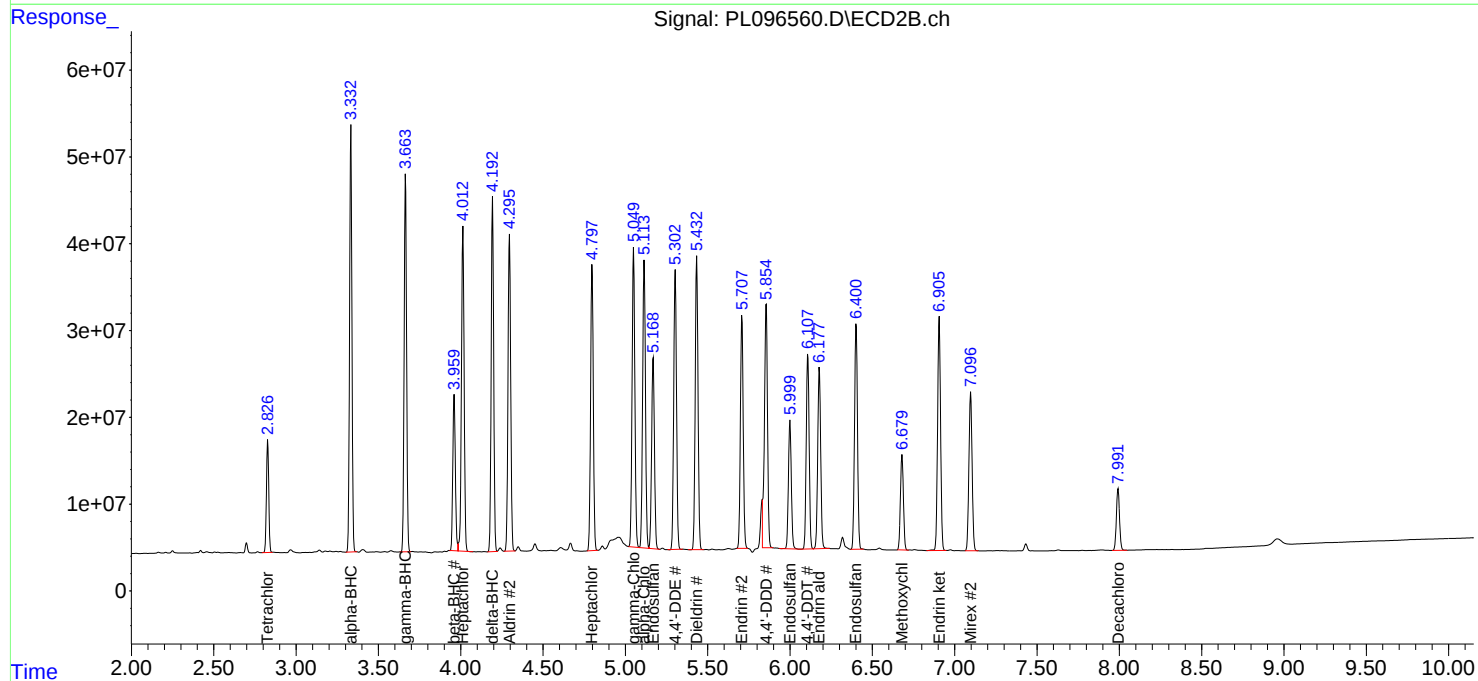
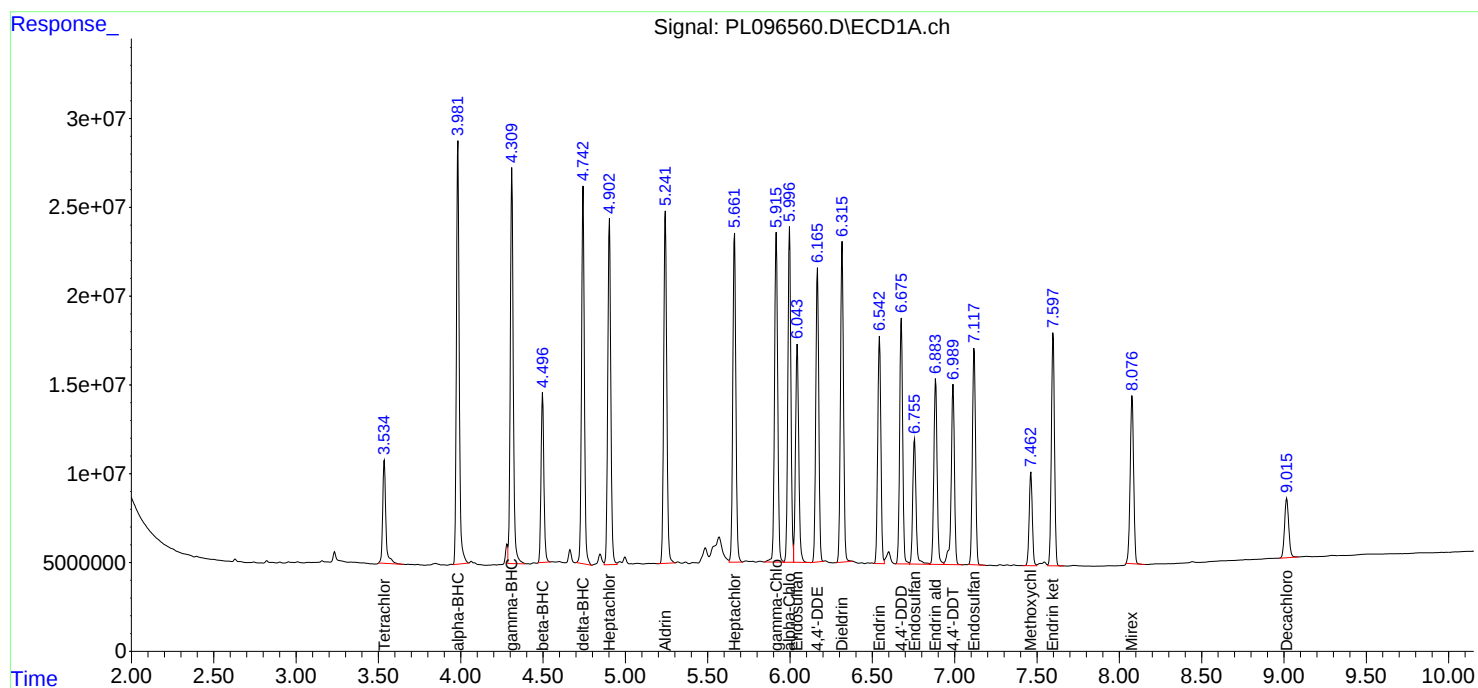
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 17:15
 Operator : AR\AJ
 Sample : Q2641-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CONCRETE001-01MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.829	75248288	123.7E6	20.622	21.438
28)	SA Decachlor...	9.017	7.992	57830485	95607667	20.558	19.173
Target Compounds							
2)	A alpha-BHC	3.983	3.334	281.9E6	479.8E6	54.817	56.887
3)	MA gamma-BHC...	4.310	3.665	276.5E6	444.2E6	55.533m	56.400
4)	MA Heptachlor	4.904	4.015	245.7E6	412.0E6	53.634	54.158
5)	MB Aldrin	5.243	4.297	255.6E6	402.9E6	52.887	55.230
6)	B beta-BHC	4.497	3.962	113.5E6	187.4E6	54.590	54.721
7)	B delta-BHC	4.744	4.195	252.4E6	420.5E6	56.333	54.594
8)	B Heptachlo...	5.663	4.799	238.1E6	374.8E6	57.392	56.064
9)	A Endosulfan I	6.045	5.170	164.2E6	259.6E6	40.660	36.192
10)	B gamma-Chl...	5.917	5.051	240.8E6	396.8E6	54.412	56.529
11)	B alpha-Chl...	5.997	5.115	237.8E6	386.7E6	54.303	51.419
12)	B 4,4'-DDE	6.167	5.304	203.5E6	370.6E6	54.891	57.339
13)	MA Dieldrin	6.316	5.435	227.4E6	393.3E6	53.770	57.678
14)	MA Endrin	6.543	5.709	165.4E6	318.0E6	53.191	52.164
15)	B Endosulfa...	6.756	6.001	96385480	179.0E6	27.776	30.528
16)	A 4,4'-DDD	6.675	5.855	174.1E6	372.3E6	59.792	72.582m
17)	MA 4,4'-DDT	6.990	6.109	139.6E6	269.0E6	45.978	46.909
18)	B Endrin al...	6.884	6.179	141.2E6	263.3E6	63.161	59.116
19)	B Endosulfa...	7.118	6.403	159.4E6	322.4E6	52.104	57.329
20)	A Methoxychlor	7.462	6.681	69060408	136.1E6	43.837	44.802
21)	B Endrin ke...	7.597	6.907	170.8E6	339.5E6	51.736	54.296
22)	Mirex	8.076	7.097	139.4E6	245.5E6	50.115m	49.416

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

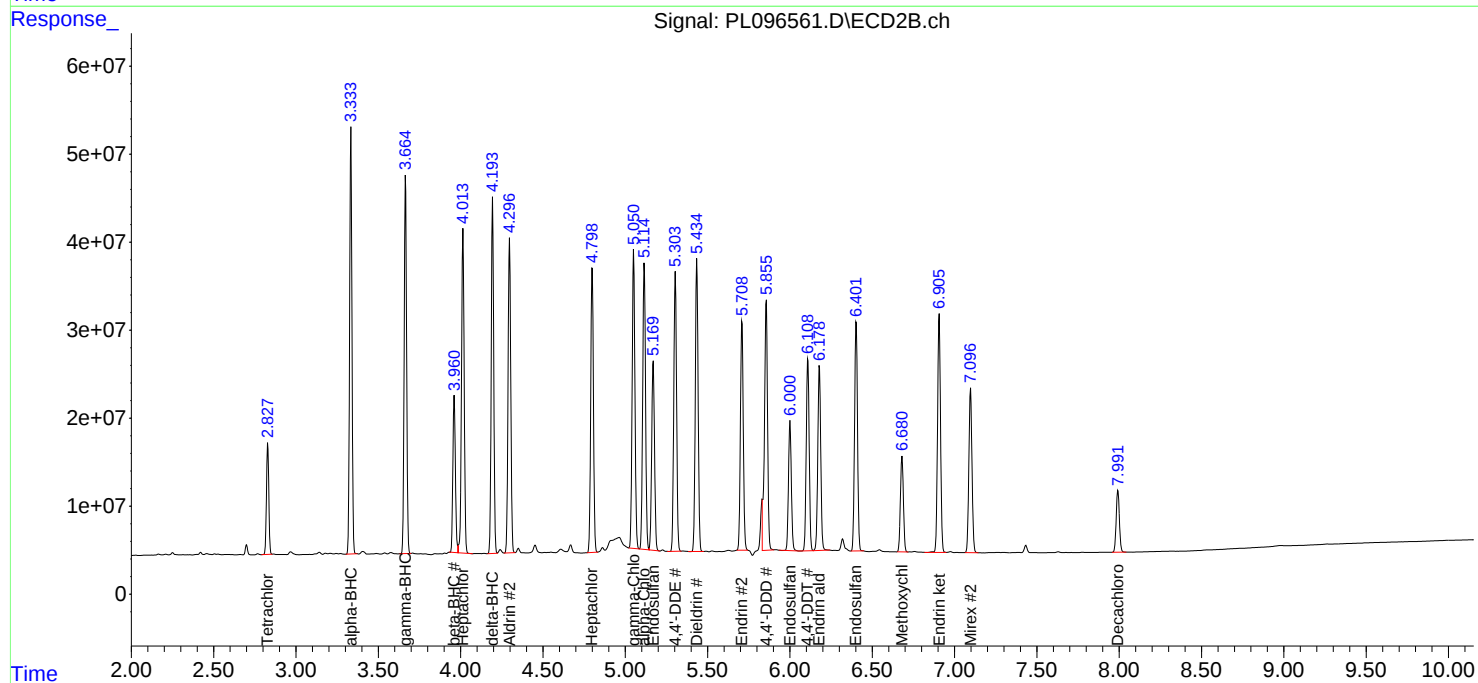
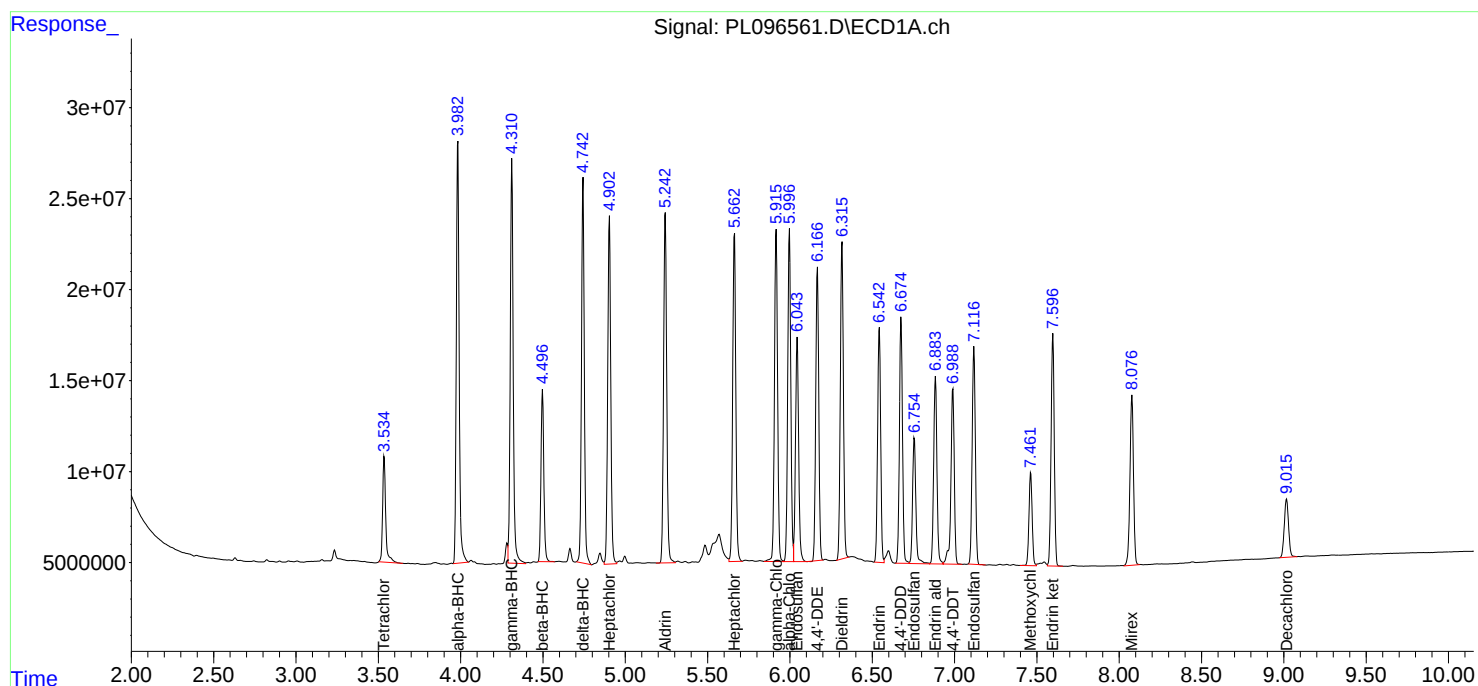
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

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

Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL096244.D	Endrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin ketone #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Heptachlor epoxide #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Aldrin	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Heptachlor epoxide	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PCHLORICV500	PL096256.D	Chlordane-1	Abdul	7/8/2025 7:51:59 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096552.D	4,4"-DDE	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096552.D	4,4"-DDE #2	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	Dieldrin #2	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	gamma-Chlordane	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PB168984BS	PL096555.D	Endrin aldehyde	Abdul	7/25/2025 9:48:50 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	4,4"-DDD #2	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	4,4"-DDD #2	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	Mirex	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2646-03	PL096565.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:27 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2646-03	PL096565.D	Endrin aldehyde	Abdul	7/25/2025 9:47:27 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2646-03	PL096565.D	Endrin aldehyde #2	Abdul	7/25/2025 9:47:27 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2646-03	PL096565.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:27 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2646-03	PL096565.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:47:27 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096567.D	Endrin aldehyde	Abdul	7/25/2025 9:47:30 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	4,4"-DDD	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Dieldrin #2	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endosulfan II	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endrin aldehyde	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	gamma-Chlordane	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Methoxychlor	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDD	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDE	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096577.D	Aldrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	delta-BHC	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Dieldrin #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan I	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan II	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin aldehyde	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin ketone #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Heptachlor	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096577.D	Heptachlor epoxide	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Mirex #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

Manual Integration Report

Sequence:	pl072825	Instrument	ECD_I
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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



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Manual Integration Report

Sequence:	pl072825	Instrument	ECD_I
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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:	pl073125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096656.D	4,4"-DDD	yogesh	8/1/2025 7:44:59 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PEM	PL096656.D	Endrin aldehyde	yogesh	8/1/2025 7:44:59 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PEM	PL096656.D	Endrin ketone #2	yogesh	8/1/2025 7:44:59 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PSTDCCC050	PL096657.D	delta-BHC	yogesh	8/1/2025 7:45:01 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PTOXCCC500	PL096659.D	Toxaphene-1 #2	yogesh	8/1/2025 7:45:02 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PSTDCCC050	PL096667.D	delta-BHC	yogesh	8/1/2025 7:45:17 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PTOXCCC500	PL096669.D	Toxaphene-2 #2	yogesh	8/1/2025 7:45:19 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
Q2646-03RE	PL096670.D	Decachlorobiphenyl	yogesh	8/1/2025 7:45:21 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
Q2646-03RE	PL096670.D	Tetrachloro-m-xylene	yogesh	8/1/2025 7:45:21 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
Q2646-03RE	PL096670.D	Tetrachloro-m-xylene #2	yogesh	8/1/2025 7:45:21 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PSTDCCC050	PL096678.D	4,4"-DDE #2	yogesh	8/1/2025 7:45:30 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PSTDCCC050	PL096678.D	delta-BHC	yogesh	8/1/2025 7:45:30 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software
PSTDCCC050	PL096678.D	Dieldrin #2	yogesh	8/1/2025 7:45:30 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software



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Manual Integration Report

Sequence:	pl073125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096678.D	Endrin ketone #2	yogesh	8/1/2025 7:45:30 AM	mohammad	8/1/2025 7:55:09	Peak Integrated by Software

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

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

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

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

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

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM
SubDirectory	PL072425	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096550.D	24 Jul 2025 10:28	AR\AJ	Ok
2	I.BLK	PL096551.D	24 Jul 2025 10:42	AR\AJ	Ok
3	PEM	PL096552.D	24 Jul 2025 10:56	AR\AJ	Ok,M
4	PSTDCCC050	PL096553.D	24 Jul 2025 11:28	AR\AJ	Ok,M
5	PB168984BL	PL096554.D	24 Jul 2025 12:24	AR\AJ	Ok
6	PB168984BS	PL096555.D	24 Jul 2025 12:37	AR\AJ	Ok,M
7	PB168919TB	PL096556.D	24 Jul 2025 12:51	AR\AJ	Ok
8	PB168926TB	PL096557.D	24 Jul 2025 13:04	AR\AJ	Ok
9	PB168969TB	PL096558.D	24 Jul 2025 13:18	AR\AJ	Ok
10	Q2641-02	PL096559.D	24 Jul 2025 16:48	AR\AJ	Ok,M
11	Q2641-02MS	PL096560.D	24 Jul 2025 17:02	AR\AJ	Ok,M
12	Q2641-02MSD	PL096561.D	24 Jul 2025 17:15	AR\AJ	Ok,M
13	Q2481-12	PL096562.D	24 Jul 2025 17:29	AR\AJ	Ok
14	Q2481-15	PL096563.D	24 Jul 2025 17:42	AR\AJ	Ok,M
15	Q2481-21	PL096564.D	24 Jul 2025 17:56	AR\AJ	Not Ok
16	Q2646-03	PL096565.D	24 Jul 2025 18:10	AR\AJ	ReRun
17	I.BLK	PL096566.D	24 Jul 2025 18:23	AR\AJ	Ok
18	PEM	PL096567.D	24 Jul 2025 18:37	AR\AJ	Ok,M
19	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	AR\AJ	Ok,M
20	Q2481-19	PL096569.D	24 Jul 2025 19:45	AR\AJ	Not Ok
21	Q2481-13	PL096570.D	24 Jul 2025 19:59	AR\AJ	Not Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM
SubDirectory	PL072425	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2481-14	PL096571.D	24 Jul 2025 20:12	AR\AJ	Not Ok
23	Q2481-16	PL096572.D	24 Jul 2025 20:26	AR\AJ	Ok,M
24	Q2481-17	PL096573.D	24 Jul 2025 20:40	AR\AJ	Ok,M
25	Q2481-18	PL096574.D	24 Jul 2025 20:53	AR\AJ	Ok,M
26	Q2481-20	PL096575.D	24 Jul 2025 21:07	AR\AJ	Ok,M
27	I.BLK	PL096576.D	24 Jul 2025 21:20	AR\AJ	Ok
28	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	AR\AJ	Ok,M

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,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	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 # PL073125

Review By	yogesh	Review On	8/1/2025 7:45:45 AM
Supervise By	mohammad	Supervise On	8/1/2025 7:55:09 AM
SubDirectory	PL073125	HP Acquire Method	ECD_L
		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	PL096654.D	31 Jul 2025 09:14	AR\AJ	Ok
2	I.BLK	PL096655.D	31 Jul 2025 09:27	AR\AJ	Ok
3	PEM	PL096656.D	31 Jul 2025 09:41	AR\AJ	Ok,M
4	PSTDCCC050	PL096657.D	31 Jul 2025 09:54	AR\AJ	Ok,M
5	PCHLORCCC500	PL096658.D	31 Jul 2025 10:08	AR\AJ	Ok
6	PTOXCCC500	PL096659.D	31 Jul 2025 10:59	AR\AJ	Ok,M
7	Q2126-03	PL096660.D	31 Jul 2025 12:15	AR\AJ	Ok,M
8	Q2126-09	PL096661.D	31 Jul 2025 12:47	AR\AJ	Not Ok
9	Q2126-03	PL096662.D	31 Jul 2025 13:00	AR\AJ	Ok,M
10	Q2126-09	PL096663.D	31 Jul 2025 13:14	AR\AJ	Ok,M
11	Q2126-03	PL096664.D	31 Jul 2025 13:27	AR\AJ	Not Ok
12	Q2126-09	PL096665.D	31 Jul 2025 14:22	AR\AJ	Ok,M
13	I.BLK	PL096666.D	31 Jul 2025 14:35	AR\AJ	Ok
14	PSTDCCC050	PL096667.D	31 Jul 2025 14:49	AR\AJ	Ok,M
15	PCHLORCCC500	PL096668.D	31 Jul 2025 15:03	AR\AJ	Ok
16	PTOXCCC500	PL096669.D	31 Jul 2025 15:16	AR\AJ	Ok,M
17	Q2646-03RE	PL096670.D	31 Jul 2025 15:30	AR\AJ	Confirms
18	PB169065BL	PL096671.D	31 Jul 2025 15:43	AR\AJ	Ok
19	PB169065BS	PL096672.D	31 Jul 2025 15:57	AR\AJ	Ok,M
20	Q2726-01	PL096673.D	31 Jul 2025 16:11	AR\AJ	Ok,M
21	Q2726-01MS	PL096674.D	31 Jul 2025 16:24	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL073125

Review By	yogesh	Review On	8/1/2025 7:45:45 AM		
Supervise By	mohammad	Supervise On	8/1/2025 7:55:09 AM		
SubDirectory	PL073125	HP Acquire Method	ECD_L	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	Q2726-01MSD	PL096675.D	31 Jul 2025 16:38	AR\AJ	Ok,M
23	Q2728-01	PL096676.D	31 Jul 2025 16:52	AR\AJ	Ok
24	I.BLK	PL096677.D	31 Jul 2025 17:05	AR\AJ	Ok
25	PSTDCCC050	PL096678.D	31 Jul 2025 17:19	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM
SubDirectory	PL070725	HP Acquire Method	HP Processing Method p1070725 8081

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

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL070725

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

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

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM
SubDirectory	PL072425	HP Acquire Method	HP Processing Method p1070725 8081

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096550.D	24 Jul 2025 10:28		AR\AJ	Ok
2	I.BLK	I.BLK	PL096551.D	24 Jul 2025 10:42		AR\AJ	Ok
3	PEM	PEM	PL096552.D	24 Jul 2025 10:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096553.D	24 Jul 2025 11:28		AR\AJ	Ok,M
5	PB168984BL	PB168984BL	PL096554.D	24 Jul 2025 12:24		AR\AJ	Ok
6	PB168984BS	PB168984BS	PL096555.D	24 Jul 2025 12:37		AR\AJ	Ok,M
7	PB168919TB	PB168919TB	PL096556.D	24 Jul 2025 12:51		AR\AJ	Ok
8	PB168926TB	PB168926TB	PL096557.D	24 Jul 2025 13:04		AR\AJ	Ok
9	PB168969TB	PB168969TB	PL096558.D	24 Jul 2025 13:18		AR\AJ	Ok
10	Q2641-02	P001-CONCRETE001-	PL096559.D	24 Jul 2025 16:48		AR\AJ	Ok,M
11	Q2641-02MS	P001-CONCRETE001-	PL096560.D	24 Jul 2025 17:02		AR\AJ	Ok,M
12	Q2641-02MSD	P001-CONCRETE001-	PL096561.D	24 Jul 2025 17:15		AR\AJ	Ok,M
13	Q2481-12	CC0627-AL	PL096562.D	24 Jul 2025 17:29		AR\AJ	Ok
14	Q2481-15	CC0627-AOXL	PL096563.D	24 Jul 2025 17:42		AR\AJ	Ok,M
15	Q2481-21	CC0627-SFBL	PL096564.D	24 Jul 2025 17:56	need clean up	AR\AJ	Not Ok
16	Q2646-03	FRAC TANK	PL096565.D	24 Jul 2025 18:10	DCB low in 2nd and TCMX low in 1st column	AR\AJ	ReRun
17	I.BLK	I.BLK	PL096566.D	24 Jul 2025 18:23		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM
SubDirectory	PL072425	HP Acquire Method	HP Processing Method pl070725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	PEM	PEM	PL096567.D	24 Jul 2025 18:37		AR\AJ	Ok,M
19	PSTDCCC050	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	DCB Low in 2nd column	AR\AJ	Ok,M
20	Q2481-19	CC0627-CLOXAL	PL096569.D	24 Jul 2025 19:45	f flag in TCMX in 1st column ,TCMX high in both column ,Bad injection	AR\AJ	Not Ok
21	Q2481-13	CC0627-CLOXPL	PL096570.D	24 Jul 2025 19:59	TCMX high in both column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
22	Q2481-14	CC0625-OBXL	PL096571.D	24 Jul 2025 20:12	TCMX high in 1st column and low in 2nd column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
23	Q2481-16	CC0625-NL	PL096572.D	24 Jul 2025 20:26	DCB high in 1st column	AR\AJ	Ok,M
24	Q2481-17	CC0267-OBXL	PL096573.D	24 Jul 2025 20:40	TCMX low in 2nd column	AR\AJ	Ok,M
25	Q2481-18	CC0627-OBXL	PL096574.D	24 Jul 2025 20:53	TCMX high in 1st column,	AR\AJ	Ok,M
26	Q2481-20	CC0627-BL	PL096575.D	24 Jul 2025 21:07	TCMX high in 1st column	AR\AJ	Ok,M
27	I.BLK	I.BLK	PL096576.D	24 Jul 2025 21:20		AR\AJ	Ok
28	PSTDCCC050	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	4,4-DDT low in 2nd column	AR\AJ	Ok,M

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 p1072825 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 # PL073125

Review By	yogesh	Review On	8/1/2025 7:45:45 AM
Supervise By	mohammad	Supervise On	8/1/2025 7:55:09 AM
SubDirectory	PL073125	HP Acquire Method	ECD_L
		HP Processing Method	p072825 8081

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096654.D	31 Jul 2025 09:14		AR\AJ	Ok
2	I.BLK	I.BLK	PL096655.D	31 Jul 2025 09:27		AR\AJ	Ok
3	PEM	PEM	PL096656.D	31 Jul 2025 09:41		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096657.D	31 Jul 2025 09:54		AR\AJ	Ok,M
5	PCHLORCCC500	PCHLORCCC500	PL096658.D	31 Jul 2025 10:08		AR\AJ	Ok
6	PTOXCCC500	PTOXCCC500	PL096659.D	31 Jul 2025 10:59		AR\AJ	Ok,M
7	Q2126-03	MDL-SOIL-03-QT2-202	PL096660.D	31 Jul 2025 12:15	MDL PEST 1PPB	AR\AJ	Ok,M
8	Q2126-09	MDL-WATER-03-QT2-2	PL096661.D	31 Jul 2025 12:47	Comp#14,15 recovery high, MDL PEST 1PPB	AR\AJ	Not Ok
9	Q2126-03	MDL-SOIL-03-QT2-202	PL096662.D	31 Jul 2025 13:00	MDL CHLOR 25PPB	AR\AJ	Ok,M
10	Q2126-09	MDL-WATER-03-QT2-2	PL096663.D	31 Jul 2025 13:14	MDL CHLOR 25PPB	AR\AJ	Ok,M
11	Q2126-03	MDL-SOIL-03-QT2-202	PL096664.D	31 Jul 2025 13:27	Tox-1,2 high in 1st column, MDL TOX 50PPB	AR\AJ	Not Ok
12	Q2126-09	MDL-WATER-03-QT2-2	PL096665.D	31 Jul 2025 14:22	MDL TOX 50PPB	AR\AJ	Ok,M
13	I.BLK	I.BLK	PL096666.D	31 Jul 2025 14:35		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PL096667.D	31 Jul 2025 14:49		AR\AJ	Ok,M
15	PCHLORCCC500	PCHLORCCC500	PL096668.D	31 Jul 2025 15:03		AR\AJ	Ok
16	PTOXCCC500	PTOXCCC500	PL096669.D	31 Jul 2025 15:16		AR\AJ	Ok,M
17	Q2646-03RE	FRAC TANKRE	PL096670.D	31 Jul 2025 15:30	TCMX low in 1st column & high in 2nd column	AR\AJ	Confirms

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL073125

Review By	yogesh	Review On	8/1/2025 7:45:45 AM		
Supervise By	mohammad	Supervise On	8/1/2025 7:55:09 AM		
SubDirectory	PL073125	HP Acquire Method	ECD_L	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	PB169065BL	PB169065BL	PL096671.D	31 Jul 2025 15:43		AR\AJ	Ok
19	PB169065BS	PB169065BS	PL096672.D	31 Jul 2025 15:57		AR\AJ	Ok,M
20	Q2726-01	WBR-PBO	PL096673.D	31 Jul 2025 16:11		AR\AJ	Ok,M
21	Q2726-01MS	WBR-PBOMS	PL096674.D	31 Jul 2025 16:24		AR\AJ	Ok,M
22	Q2726-01MSD	WBR-PBOMSD	PL096675.D	31 Jul 2025 16:38		AR\AJ	Ok,M
23	Q2728-01	7211931-VNJ240	PL096676.D	31 Jul 2025 16:52		AR\AJ	Ok
24	I.BLK	I.BLK	PL096677.D	31 Jul 2025 17:05		AR\AJ	Ok
25	PSTDCCC050	PSTDCCC050	PL096678.D	31 Jul 2025 17:19		AR\AJ	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : N/A
Balance ID : N/A
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : N/A
Tumbler ID : N/A
TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A
End Prep Date : N/A **Time :** N/A
Combination Ratio : N/A
ZHE Cleaning Batch : N/A
Initial Room Temperature: N/A
Final Room Temperature: N/A
TCLP Technician Signature : [Signature]
Supervisor By : 12

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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. q2646-03 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/21/25 11:30	[Signature] 1st Room	[Signature] RJ / EAT
	Preparation Group	Analysis Group [Signature]

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q q2646

WorkList ID : 190828

Department : TCLP Extraction

Date : 07-18-2025 15:02:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2646-03	FRAC TANK	Water	TCLP Extraction	Cool 4 deg C	ENV/60	O11	07/18/2025	1311

Date/Time 07/18/25 15:10

Raw Sample Received by: SA 6000

Raw Sample Relinquished by: SA 6000

Date/Time 07/18/25 18:00

Raw Sample Received by: SA 6000

Raw Sample Relinquished by: SA 6000

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

Clean Up SOP #: N/A

Matrix : Water

Weight By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A

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

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

Extraction Start Date : 07/23/2025

Extraction Start Time : 12:15

Extraction End Date : 07/23/2025

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : RUPESH

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

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
Hexane	N/A	E3956
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.1.5ML Vial Lot # 2210443. Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/23/25	RS (Ext Lab)	R. Pese/PCB Lab
16:50	Preparation Group	Analysis Group

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

Concentration Date: 07/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			2
PB168969TB	PB168969TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			3
PB168984BL	PBLK984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			4
PB168984BS	PLCS984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			5
Q2481-12	CC0627-AL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	6
Q2481-13	CC0627-CLOXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	7
Q2481-14	CC0625-OXBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	8
Q2481-15	CC0627-AOXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	9
Q2481-16	CC0625-NL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	10
Q2481-17	CC0627-OXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	11
Q2481-18	CC0627-OXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	12
Q2481-19	CC0627-CLOXAL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	13
Q2481-20	CC0627-BL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	14
Q2481-21	CC0627-SFBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	15
Q2641-02	P001-CONCRETE001-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		16
Q2641-02MS	P001-CONCRETE001-01M S	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2641-02MS D	P001-CONCRETE001-01M SD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		2
Q2646-03	FRAC TANK	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		3

* Extracts relinquished on the same date as received.



Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OBXL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OBPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OBXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/13/15
11:00

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

07/21/25
11:30

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30

LAB CHRONICLE

OrderID: Q2646
Client: Environmental Restoration, LLC
Contact: Steve Motta

OrderDate: 7/18/2025 11:47:00 AM
Project: North Arlington, NJ
Location: O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-01	FRAC TANK	WATER	PCB	8082A	07/18/25	07/22/25	07/23/25	07/18/25
Q2646-03	FRAC TANK	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	07/18/25	07/23/25 07/23/25	07/31/25 07/24/25	07/18/25
Q2646-03RE	FRAC TANKRE	TCLP	TCLP Pesticide	8081B	07/18/25	07/23/25	07/31/25	07/18/25