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

Hit Summary Sheet
SW-846

SDG No.: Q3466 **Order ID:** Q3466

Client: HDR, Inc. **Project ID:** PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B8-0.0-1.0-20251023								
Q3466-02	B8-0.0-1.0-20251023	SOIL	Dieldrin	1.70	JP	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	4,4-DDE	0.80	J	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Endrin	1.10	JP	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	4,4-DDT	3.30	P	0.16	2.00	ug/kg
			Total Concentration:	**6.900**				
Client ID : B9-0.0-1.0-20251023								
Q3466-05	B9-0.0-1.0-20251023	SOIL	Heptachlor epoxide	0.52	J	0.23	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Dieldrin	1.00	JP	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Endrin	0.33	J	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	4,4-DDT	0.59	J	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	alpha-Chlordane	3.40	P	0.14	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	gamma-Chlordane	1.20	J	0.18	2.00	ug/kg
			Total Concentration:	**7.040**				

SAMPLE DATA

Raw Data: **PD090893.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.0-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.3
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	2.00	ug/kg	10/28/25 18:46	PB170283
319-85-7	beta-BHC	0.21	U	1	0.21	2.00	ug/kg	10/28/25 18:46	PB170283
319-86-8	delta-BHC	0.46	U	1	0.46	2.00	ug/kg	10/28/25 18:46	PB170283
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
76-44-8	Heptachlor	0.14	U	1	0.14	2.00	ug/kg	10/28/25 18:46	PB170283
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	10/28/25 18:46	PB170283
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	2.00	ug/kg	10/28/25 18:46	PB170283
959-98-8	Endosulfan I	0.16	U	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
60-57-1	Dieldrin	1.70	JP	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
72-55-9	4,4-DDE	0.80	J	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
72-20-8	Endrin	1.10	JP	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
33213-65-9	Endosulfan II	0.34	U	1	0.34	2.00	ug/kg	10/28/25 18:46	PB170283
72-54-8	4,4-DDD	0.18	U	1	0.18	2.00	ug/kg	10/28/25 18:46	PB170283
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	2.00	ug/kg	10/28/25 18:46	PB170283
50-29-3	4,4-DDT	3.30	P	1	0.16	2.00	ug/kg	10/28/25 18:46	PB170283
72-43-5	Methoxychlor	0.43	U	1	0.43	2.00	ug/kg	10/28/25 18:46	PB170283
53494-70-5	Endrin ketone	0.22	U	1	0.22	2.00	ug/kg	10/28/25 18:46	PB170283
7421-93-4	Endrin aldehyde	0.43	U	1	0.43	2.00	ug/kg	10/28/25 18:46	PB170283
5103-71-9	alpha-Chlordane	0.14	U	1	0.14	2.00	ug/kg	10/28/25 18:46	PB170283
5103-74-2	gamma-Chlordane	0.18	U	1	0.18	2.00	ug/kg	10/28/25 18:46	PB170283
8001-35-2	Toxaphene	6.30	U	1	6.30	38.6	ug/kg	10/28/25 18:46	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			30 (20) - 150 (144)	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			30 (19) - 150 (148)	102%	SPK: 20		

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

Raw Data: **PD090896.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B9-0.0-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-05	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.2
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.16	U	1	0.16	2.00	ug/kg	10/28/25 19:27	PB170283
319-85-7	beta-BHC	0.22	U	1	0.22	2.00	ug/kg	10/28/25 19:27	PB170283
319-86-8	delta-BHC	0.47	U	1	0.47	2.00	ug/kg	10/28/25 19:27	PB170283
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
76-44-8	Heptachlor	0.14	U	1	0.14	2.00	ug/kg	10/28/25 19:27	PB170283
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	10/28/25 19:27	PB170283
1024-57-3	Heptachlor epoxide	0.52	J	1	0.23	2.00	ug/kg	10/28/25 19:27	PB170283
959-98-8	Endosulfan I	0.17	U	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
60-57-1	Dieldrin	1.00	JP	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
72-55-9	4,4-DDE	0.17	U	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
72-20-8	Endrin	0.33	J	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
33213-65-9	Endosulfan II	0.35	U	1	0.35	2.00	ug/kg	10/28/25 19:27	PB170283
72-54-8	4,4-DDD	0.18	U	1	0.18	2.00	ug/kg	10/28/25 19:27	PB170283
1031-07-8	Endosulfan Sulfate	0.16	U	1	0.16	2.00	ug/kg	10/28/25 19:27	PB170283
50-29-3	4,4-DDT	0.59	J	1	0.17	2.00	ug/kg	10/28/25 19:27	PB170283
72-43-5	Methoxychlor	0.44	U	1	0.44	2.00	ug/kg	10/28/25 19:27	PB170283
53494-70-5	Endrin ketone	0.23	U	1	0.23	2.00	ug/kg	10/28/25 19:27	PB170283
7421-93-4	Endrin aldehyde	0.44	U	1	0.44	2.00	ug/kg	10/28/25 19:27	PB170283
5103-71-9	alpha-Chlordane	3.40	P	1	0.14	2.00	ug/kg	10/28/25 19:27	PB170283
5103-74-2	gamma-Chlordane	1.20	J	1	0.18	2.00	ug/kg	10/28/25 19:27	PB170283
8001-35-2	Toxaphene	6.50	U	1	6.50	39.7	ug/kg	10/28/25 19:27	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.4			30 (20) - 150 (144)	72%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.6			30 (19) - 150 (148)	93%	SPK: 20		

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

Raw Data: **PD090897.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B7-1.0-2.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-07	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.2
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	1.90	ug/kg	10/28/25 19:41	PB170283
319-85-7	beta-BHC	0.20	U	1	0.20	1.90	ug/kg	10/28/25 19:41	PB170283
319-86-8	delta-BHC	0.44	U	1	0.44	1.90	ug/kg	10/28/25 19:41	PB170283
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
76-44-8	Heptachlor	0.13	U	1	0.13	1.90	ug/kg	10/28/25 19:41	PB170283
309-00-2	Aldrin	0.13	U	1	0.13	1.90	ug/kg	10/28/25 19:41	PB170283
1024-57-3	Heptachlor epoxide	0.21	U	1	0.21	1.90	ug/kg	10/28/25 19:41	PB170283
959-98-8	Endosulfan I	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
60-57-1	Dieldrin	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
72-55-9	4,4-DDE	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
72-20-8	Endrin	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
33213-65-9	Endosulfan II	0.32	U	1	0.32	1.90	ug/kg	10/28/25 19:41	PB170283
72-54-8	4,4-DDD	0.17	U	1	0.17	1.90	ug/kg	10/28/25 19:41	PB170283
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	1.90	ug/kg	10/28/25 19:41	PB170283
50-29-3	4,4-DDT	0.16	U	1	0.16	1.90	ug/kg	10/28/25 19:41	PB170283
72-43-5	Methoxychlor	0.41	U	1	0.41	1.90	ug/kg	10/28/25 19:41	PB170283
53494-70-5	Endrin ketone	0.21	U	1	0.21	1.90	ug/kg	10/28/25 19:41	PB170283
7421-93-4	Endrin aldehyde	0.41	U	1	0.41	1.90	ug/kg	10/28/25 19:41	PB170283
5103-71-9	alpha-Chlordane	0.13	U	1	0.13	1.90	ug/kg	10/28/25 19:41	PB170283
5103-74-2	gamma-Chlordane	0.17	U	1	0.17	1.90	ug/kg	10/28/25 19:41	PB170283
8001-35-2	Toxaphene	6.10	U	1	6.10	36.9	ug/kg	10/28/25 19:41	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.7			30 (20) - 150 (144)	59%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	13.8			30 (19) - 150 (148)	69%	SPK: 20		

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3466

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.3	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (61)	150 (148)
I.BLK-PD090879.D	PIBLK-PD090879.D	Decachlorobiphen	1	20	23.1	115		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.6	108		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.9	125		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.8	109		30 (61)	150 (148)
PB170283BL	PB170283BL	Decachlorobiphen	1	20	20.5	103		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.2	96		30 (19)	150 (148)
		Decachlorobiphen	2	20	22.2	111		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	19.2	96		30 (19)	150 (148)
PB170283BS	PB170283BS	Decachlorobiphen	1	20	19.5	98		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	14.8	74		30 (19)	150 (148)
		Decachlorobiphen	2	20	21.8	109		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	14.9	75		30 (19)	150 (148)
I.BLK-PD090891.D	PIBLK-PD090891.D	Decachlorobiphen	1	20	22.8	114		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.5	108		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.0	115		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.6	108		30 (61)	150 (148)
Q3466-02	B8-0.0-1.0-20251023	Decachlorobiphen	1	20	15.8	79		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.8	99		30 (19)	150 (148)
		Decachlorobiphen	2	20	16.4	82		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	20.5	102		30 (19)	150 (148)
Q3466-02MS	B8-0.0-1.0-20251023MS	Decachlorobiphen	1	20	15.1	75		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.1	90		30 (19)	150 (148)
		Decachlorobiphen	2	20	15.1	75		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	19.1	96		30 (19)	150 (148)
Q3466-02MSD	B8-0.0-1.0-20251023MSD	Decachlorobiphen	1	20	14.8	74		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	19.3	96		30 (19)	150 (148)
		Decachlorobiphen	2	20	15.2	76		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	20.3	102		30 (19)	150 (148)
Q3466-05	B9-0.0-1.0-20251023	Decachlorobiphen	1	20	12.8	64		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	18.6	93		30 (19)	150 (148)
		Decachlorobiphen	2	20	14.4	72		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	18.6	93		30 (19)	150 (148)
Q3466-07	B7-1.0-2.0-20251023	Decachlorobiphen	1	20	11.7	59		30 (20)	150 (144)
		Tetrachloro-m-xyl	1	20	13.4	67		30 (19)	150 (148)
		Decachlorobiphen	2	20	9.81	49		30 (20)	150 (144)
		Tetrachloro-m-xyl	2	20	13.8	69		30 (19)	150 (148)
I.BLK-PD090900.D	PIBLK-PD090900.D	Decachlorobiphen	1	20	18.7	94		30 (57)	150 (171)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q3466

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090900.D	PIBLK-PD090900.D	Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	17.5	87		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.3	107		30 (61)	150 (148)

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD090894.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3466-02MS (Column 1)**	**Client Sample ID:**		**B8-0.0-1.0-20251023MS**								
	alpha-BHC	19.53	0	19.4	ug/kg	99				30 (60)	150 (144)	
	beta-BHC	19.53	0	17.3	ug/kg	89				30 (54)	150 (143)	
	delta-BHC	19.53	0	19.5	ug/kg	100				30 (29)	150 (151)	
	gamma-BHC (Lindane)	19.53	0	18.8	ug/kg	96				30 (61)	150 (140)	
	Heptachlor	19.53	0	22.7	ug/kg	116				30 (63)	150 (135)	
	Aldrin	19.53	0	19.0	ug/kg	97				30 (49)	150 (139)	
	Heptachlor epoxide	19.53	0	19.2	ug/kg	98				30 (41)	150 (156)	
	Endosulfan I	19.53	0	19.0	ug/kg	97				30 (56)	150 (142)	
	Dieldrin	19.53	0.45	18.9	ug/kg	94				30 (47)	150 (161)	
	4,4'-DDE	19.53	0.80	18.3	ug/kg	90				30 (55)	150 (136)	
	Endrin	19.53	1.1	19.2	ug/kg	93				30 (57)	150 (139)	
	Endosulfan II	19.53	0	18.4	ug/kg	94				30 (40)	150 (163)	
	4,4'-DDD	19.53	0	20.7	ug/kg	106				30 (47)	150 (163)	
	Endosulfan sulfate	19.53	0	18.3	ug/kg	94				30 (62)	150 (139)	
	4,4'-DDT	19.53	1.1	21.2	ug/kg	103				30 (51)	150 (146)	
	Methoxychlor	19.53	0	18.9	ug/kg	97				30 (54)	150 (136)	
	Endrin ketone	19.53	0	19.4	ug/kg	99				30 (60)	150 (129)	
	Endrin aldehyde	19.53	0	19.0	ug/kg	97				30 (59)	150 (132)	
	alpha-Chlordane	19.53	0	18.4	ug/kg	94				30 (39)	150 (166)	
	gamma-Chlordane	19.53	0	18.4	ug/kg	94				30 (44)	150 (175)	
Lab Sample ID:	**Q3466-02MS (Column 2)**	**Client Sample ID:**		**B8-0.0-1.0-20251023MS**								
	alpha-BHC	19.53	0	18.4	ug/kg	94				30 (60)	150 (144)	
	beta-BHC	19.53	0	18.9	ug/kg	97				30 (54)	150 (143)	
	delta-BHC	19.53	0	18.1	ug/kg	93				30 (29)	150 (151)	
	gamma-BHC (Lindane)	19.53	0	17.9	ug/kg	92				30 (61)	150 (140)	
	Heptachlor	19.53	0	19.1	ug/kg	98				30 (63)	150 (135)	
	Aldrin	19.53	0	17.8	ug/kg	91				30 (49)	150 (139)	
	Heptachlor epoxide	19.53	0	17.9	ug/kg	92				30 (41)	150 (156)	
	Endosulfan I	19.53	0	16.6	ug/kg	85				30 (56)	150 (142)	
	Dieldrin	19.53	1.7	19.6	ug/kg	92				30 (47)	150 (161)	
	4,4'-DDE	19.53	0.64	18.4	ug/kg	91				30 (55)	150 (136)	
	Endrin	19.53	0.34	18.1	ug/kg	91				30 (57)	150 (139)	
	Endosulfan II	19.53	0	19.9	ug/kg	102				30 (40)	150 (163)	
	4,4'-DDD	19.53	0	17.3	ug/kg	89				30 (47)	150 (163)	
	Endosulfan sulfate	19.53	0	18.6	ug/kg	95				30 (62)	150 (139)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD090894.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	19.53	3.3	20.9	ug/kg	90				30 (51)	150 (146)	
Methoxychlor	19.53	0	17.2	ug/kg	88				30 (54)	150 (136)	
Endrin ketone	19.53	0	17.4	ug/kg	89				30 (60)	150 (129)	
Endrin aldehyde	19.53	0	18.7	ug/kg	96				30 (59)	150 (132)	
alpha-Chlordane	19.53	0	18.6	ug/kg	95				30 (39)	150 (166)	
gamma-Chlordane	19.53	0	19.3	ug/kg	99				30 (44)	150 (175)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD090895.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3466-02MSD (Column 1)**	**Client Sample ID:**		**B8-0.0-1.0-20251023MSD**								
	alpha-BHC	19.49	0	20.7	ug/kg	106		7		30 (60)	150 (144)	30 (20)
	beta-BHC	19.49	0	18.2	ug/kg	93		4		30 (54)	150 (143)	30 (20)
	delta-BHC	19.49	0	20.7	ug/kg	106		6		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	19.49	0	20.4	ug/kg	105		9		30 (61)	150 (140)	30 (20)
	Heptachlor	19.49	0	24.2	ug/kg	124		7		30 (63)	150 (135)	30 (20)
	Aldrin	19.49	0	20.2	ug/kg	104		7		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	19.49	0	20.5	ug/kg	105		7		30 (41)	150 (156)	30 (20)
	Endosulfan I	19.49	0	20.2	ug/kg	104		7		30 (56)	150 (142)	30 (20)
	Dieldrin	19.49	0.45	19.9	ug/kg	100		6		30 (47)	150 (161)	30 (20)
	4,4'-DDE	19.49	0.80	19.3	ug/kg	95		5		30 (55)	150 (136)	30 (20)
	Endrin	19.49	1.1	20.3	ug/kg	99		6		30 (57)	150 (139)	30 (20)
	Endosulfan II	19.49	0	19.4	ug/kg	100		6		30 (40)	150 (163)	30 (20)
	4,4'-DDD	19.49	0	21.8	ug/kg	112		6		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.49	0	19.1	ug/kg	98		4		30 (62)	150 (139)	30 (20)
	4,4'-DDT	19.49	1.1	22.6	ug/kg	110		7		30 (51)	150 (146)	30 (20)
	Methoxychlor	19.49	0	19.8	ug/kg	102		5		30 (54)	150 (136)	30 (20)
	Endrin ketone	19.49	0	20.5	ug/kg	105		6		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	19.49	0	20.0	ug/kg	103		6		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	19.49	0	19.8	ug/kg	102		8		30 (39)	150 (166)	30 (20)
	gamma-Chlordane	19.49	0	19.5	ug/kg	100		6		30 (44)	150 (175)	30 (20)
Lab Sample ID:	**Q3466-02MSD (Column 2)**	**Client Sample ID:**		**B8-0.0-1.0-20251023MSD**								
	alpha-BHC	19.49	0	19.6	ug/kg	101		7		30 (60)	150 (144)	30 (20)
	beta-BHC	19.49	0	20.2	ug/kg	104		7		30 (54)	150 (143)	30 (20)
	delta-BHC	19.49	0	19.2	ug/kg	99		6		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	19.49	0	19.0	ug/kg	97		5		30 (61)	150 (140)	30 (20)
	Heptachlor	19.49	0	20.3	ug/kg	104		6		30 (63)	150 (135)	30 (20)
	Aldrin	19.49	0	18.8	ug/kg	96		5		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	19.49	0	18.9	ug/kg	97		5		30 (41)	150 (156)	30 (20)
	Endosulfan I	19.49	0	17.5	ug/kg	90		6		30 (56)	150 (142)	30 (20)
	Dieldrin	19.49	1.7	20.6	ug/kg	97		5		30 (47)	150 (161)	30 (20)
	4,4'-DDE	19.49	0.64	19.4	ug/kg	96		5		30 (55)	150 (136)	30 (20)
	Endrin	19.49	0.34	18.9	ug/kg	95		4		30 (57)	150 (139)	30 (20)
	Endosulfan II	19.49	0	20.7	ug/kg	106		4		30 (40)	150 (163)	30 (20)
	4,4'-DDD	19.49	0	17.9	ug/kg	92		3		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.49	0	19.2	ug/kg	99		4		30 (62)	150 (139)	30 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD090895.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	19.49	3.3	21.7	ug/kg	94		4		30 (51)	150 (146)	30 (20)
Methoxychlor	19.49	0	18.0	ug/kg	92		4		30 (54)	150 (136)	30 (20)
Endrin ketone	19.49	0	17.9	ug/kg	92		3		30 (60)	150 (129)	30 (20)
Endrin aldehyde	19.49	0	19.7	ug/kg	101		5		30 (59)	150 (132)	30 (20)
alpha-Chlordane	19.49	0	19.6	ug/kg	101		6		30 (39)	150 (166)	30 (20)
gamma-Chlordane	19.49	0	20.4	ug/kg	105		6		30 (44)	150 (175)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3466 **Analytical Method:** 8081B

Client: HDR, Inc. **Datafile :** PD090885.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170283BS (Column 1)	alpha-BHC	16.66	15.8	ug/kg	95				40 (84)	140 (123)	
	beta-BHC	16.66	15.4	ug/kg	92				40 (82)	140 (123)	
	delta-BHC	16.66	16.0	ug/kg	96				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	15.7	ug/kg	94				40 (83)	140 (125)	
	Heptachlor	16.66	18.6	ug/kg	112				40 (83)	140 (122)	
	Aldrin	16.66	15.9	ug/kg	95				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.1	ug/kg	97				40 (83)	140 (120)	
	Endosulfan I	16.66	16.0	ug/kg	96				40 (81)	140 (124)	
	Dieldrin	16.66	16.3	ug/kg	98				40 (85)	140 (121)	
	4,4'-DDE	16.66	15.8	ug/kg	95				40 (81)	140 (123)	
	Endrin	16.66	15.5	ug/kg	93				40 (76)	140 (130)	
	Endosulfan II	16.66	15.9	ug/kg	95				40 (80)	140 (125)	
	4,4'-DDD	16.66	17.3	ug/kg	104				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	16.0	ug/kg	96				40 (81)	140 (122)	
	4,4'-DDT	16.66	15.7	ug/kg	94				40 (70)	140 (129)	
	Methoxychlor	16.66	15.9	ug/kg	95				40 (60)	140 (119)	
	Endrin ketone	16.66	16.8	ug/kg	101				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.4	ug/kg	98				40 (79)	140 (124)	
	alpha-Chlordane	16.66	16.1	ug/kg	97				40 (84)	140 (120)	
	gamma-Chlordane	16.66	15.9	ug/kg	95				40 (83)	140 (122)	
PB170283BS (Column 2)	alpha-BHC	16.66	15.0	ug/kg	90				40 (84)	140 (123)	
	beta-BHC	16.66	14.9	ug/kg	89				40 (82)	140 (123)	
	delta-BHC	16.66	15.1	ug/kg	91				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	15.0	ug/kg	90				40 (83)	140 (125)	
	Heptachlor	16.66	15.4	ug/kg	92				40 (83)	140 (122)	
	Aldrin	16.66	15.0	ug/kg	90				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	15.0	ug/kg	90				40 (83)	140 (120)	
	Endosulfan I	16.66	15.1	ug/kg	91				40 (81)	140 (124)	
	Dieldrin	16.66	15.5	ug/kg	93				40 (85)	140 (121)	
	4,4'-DDE	16.66	15.4	ug/kg	92				40 (81)	140 (123)	
	Endrin	16.66	15.2	ug/kg	91				40 (76)	140 (130)	
	Endosulfan II	16.66	15.7	ug/kg	94				40 (80)	140 (125)	
	4,4'-DDD	16.66	16.5	ug/kg	99				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	16.1	ug/kg	97				40 (81)	140 (122)	
	4,4'-DDT	16.66	15.4	ug/kg	92				40 (70)	140 (129)	
	Methoxychlor	16.66	15.7	ug/kg	94				40 (60)	140 (119)	
	Endrin ketone	16.66	17.0	ug/kg	102				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.1	ug/kg	97				40 (79)	140 (124)	
	alpha-Chlordane	16.66	15.3	ug/kg	92				40 (84)	140 (120)	
	gamma-Chlordane	16.66	15.3	ug/kg	92				40 (83)	140 (122)	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170283BL

Lab Name: Alliance | Contract: HDRI08

Lab Code: ACE | SDG NO.: Q3466

Lab Sample ID: PB170283BL | Lab File ID: PD090881.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/28/2025

Date Analyzed (1): 10/28/2025 | Date Analyzed (2): 10/28/2025

Time Analyzed (1): 14:35 | Time Analyzed (2): 14:35

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

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
PB170283BS	PB170283BS	PD090885.D	10/28/2025	10/28/2025
B8-0.0-1.0-20251023	Q3466-02	PD090893.D	10/28/2025	10/28/2025
B8-0.0-1.0-20251023MS	Q3466-02MS	PD090894.D	10/28/2025	10/28/2025
B8-0.0-1.0-20251023MSD	Q3466-02MSD	PD090895.D	10/28/2025	10/28/2025
B9-0.0-1.0-20251023	Q3466-05	PD090896.D	10/28/2025	10/28/2025
B7-1.0-2.0-20251023	Q3466-07	PD090897.D	10/28/2025	10/28/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD090881.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170283BL	SDG No.:	Q3466
Lab Sample ID:	PB170283BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	10/28/25 14:35	PB170283
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	10/28/25 14:35	PB170283
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	10/28/25 14:35	PB170283
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	10/28/25 14:35	PB170283
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	10/28/25 14:35	PB170283
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	10/28/25 14:35	PB170283
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	10/28/25 14:35	PB170283
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	10/28/25 14:35	PB170283
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	10/28/25 14:35	PB170283
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	10/28/25 14:35	PB170283
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	10/28/25 14:35	PB170283
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	10/28/25 14:35	PB170283
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	10/28/25 14:35	PB170283
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	10/28/25 14:35	PB170283
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	10/28/25 14:35	PB170283
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/28/25 14:35	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.2			30 (20) - 150 (144)	111%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.2			30 (19) - 150 (148)	96%	SPK: 20		

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

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Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/17/25
Project:	PVWC Linear Construction	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3466
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			30 (57) - 150 (171)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (61) - 150 (148)	100%	SPK: 20		

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

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Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/28/25
Project:	PVWC Linear Construction	Date Received:	10/28/25
Client Sample ID:	PIBLK-PD090879.D	SDG No.:	Q3466
Lab Sample ID:	I.BLK-PD090879.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/28/25	pd102825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/28/25	pd102825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/28/25	pd102825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/28/25	pd102825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/28/25	pd102825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.9			30 (57) - 150 (171)	125%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.8			30 (61) - 150 (148)	109%	SPK: 20		

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

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/28/25
Project:	PVWC Linear Construction	Date Received:	10/28/25
Client Sample ID:	PIBLK-PD090891.D	SDG No.:	Q3466
Lab Sample ID:	I.BLK-PD090891.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/28/25	pd102825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/28/25	pd102825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/28/25	pd102825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/28/25	pd102825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/28/25	pd102825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.0			30 (57) - 150 (171)	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.6			30 (61) - 150 (148)	108%	SPK: 20		

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

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/28/25
Project:	PVWC Linear Construction	Date Received:	10/28/25
Client Sample ID:	PIBLK-PD090900.D	SDG No.:	Q3466
Lab Sample ID:	I.BLK-PD090900.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/28/25	pd102825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	pd102825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	pd102825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/28/25	pd102825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	pd102825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	pd102825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/28/25	pd102825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/28/25	pd102825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	pd102825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/28/25	pd102825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/28/25	pd102825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	pd102825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	pd102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	pd102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.7			30 (57) - 150 (171)	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.3			30 (61) - 150 (148)	107%	SPK: 20		

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

Raw Data: **PD090885.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170283BS	SDG No.:	Q3466
Lab Sample ID:	PB170283BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	15.8		1	0.13	1.70	ug/kg	10/28/25 16:16	PB170283
319-85-7	beta-BHC	15.4		1	0.18	1.70	ug/kg	10/28/25 16:16	PB170283
319-86-8	delta-BHC	16.0		1	0.39	1.70	ug/kg	10/28/25 16:16	PB170283
58-89-9	gamma-BHC (Lindane)	15.7		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
76-44-8	Heptachlor	18.6		1	0.12	1.70	ug/kg	10/28/25 16:16	PB170283
309-00-2	Aldrin	15.9		1	0.12	1.70	ug/kg	10/28/25 16:16	PB170283
1024-57-3	Heptachlor epoxide	16.1		1	0.19	1.70	ug/kg	10/28/25 16:16	PB170283
959-98-8	Endosulfan I	16.0		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
60-57-1	Dieldrin	16.3		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
72-55-9	4,4-DDE	15.8		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
72-20-8	Endrin	15.5		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
33213-65-9	Endosulfan II	15.9		1	0.29	1.70	ug/kg	10/28/25 16:16	PB170283
72-54-8	4,4-DDD	17.3		1	0.15	1.70	ug/kg	10/28/25 16:16	PB170283
1031-07-8	Endosulfan Sulfate	16.1		1	0.13	1.70	ug/kg	10/28/25 16:16	PB170283
50-29-3	4,4-DDT	15.7		1	0.14	1.70	ug/kg	10/28/25 16:16	PB170283
72-43-5	Methoxychlor	15.9		1	0.37	1.70	ug/kg	10/28/25 16:16	PB170283
53494-70-5	Endrin ketone	17.0		1	0.19	1.70	ug/kg	10/28/25 16:16	PB170283
7421-93-4	Endrin aldehyde	16.4		1	0.37	1.70	ug/kg	10/28/25 16:16	PB170283
5103-71-9	alpha-Chlordane	16.1		1	0.12	1.70	ug/kg	10/28/25 16:16	PB170283
5103-74-2	gamma-Chlordane	15.9		1	0.15	1.70	ug/kg	10/28/25 16:16	PB170283
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/28/25 16:16	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.8			30 (20) - 150 (144)	109%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.9			30 (19) - 150 (148)	75%	SPK: 20		

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

Raw Data: **PD090894.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.0-1.0-20251023MS	SDG No.:	Q3466
Lab Sample ID:	Q3466-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.3
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	19.4		1	0.15	2.00	ug/kg	10/28/25 19:00	PB170283
319-85-7	beta-BHC	18.9		1	0.21	2.00	ug/kg	10/28/25 19:00	PB170283
319-86-8	delta-BHC	19.5		1	0.46	2.00	ug/kg	10/28/25 19:00	PB170283
58-89-9	gamma-BHC (Lindane)	18.8		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
76-44-8	Heptachlor	22.7		1	0.14	2.00	ug/kg	10/28/25 19:00	PB170283
309-00-2	Aldrin	19.0		1	0.14	2.00	ug/kg	10/28/25 19:00	PB170283
1024-57-3	Heptachlor epoxide	19.2		1	0.22	2.00	ug/kg	10/28/25 19:00	PB170283
959-98-8	Endosulfan I	19.0		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
60-57-1	Dieldrin	19.6		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
72-55-9	4,4-DDE	18.4		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
72-20-8	Endrin	19.2		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
33213-65-9	Endosulfan II	19.9		1	0.34	2.00	ug/kg	10/28/25 19:00	PB170283
72-54-8	4,4-DDD	20.7		1	0.18	2.00	ug/kg	10/28/25 19:00	PB170283
1031-07-8	Endosulfan Sulfate	18.6		1	0.15	2.00	ug/kg	10/28/25 19:00	PB170283
50-29-3	4,4-DDT	21.2		1	0.16	2.00	ug/kg	10/28/25 19:00	PB170283
72-43-5	Methoxychlor	18.9		1	0.43	2.00	ug/kg	10/28/25 19:00	PB170283
53494-70-5	Endrin ketone	19.4		1	0.22	2.00	ug/kg	10/28/25 19:00	PB170283
7421-93-4	Endrin aldehyde	19.0		1	0.43	2.00	ug/kg	10/28/25 19:00	PB170283
5103-71-9	alpha-Chlordane	18.6		1	0.14	2.00	ug/kg	10/28/25 19:00	PB170283
5103-74-2	gamma-Chlordane	19.3		1	0.18	2.00	ug/kg	10/28/25 19:00	PB170283
8001-35-2	Toxaphene	6.30	U	1	6.30	38.7	ug/kg	10/28/25 19:00	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.1			30 (20) - 150 (144)	75%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.1			30 (19) - 150 (148)	96%	SPK: 20		

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

Raw Data: **PD090895.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.0-1.0-20251023MSD	SDG No.:	Q3466
Lab Sample ID:	Q3466-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.3
Sample Wt/Vol:	30.07 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	20.7		1	0.15	2.00	ug/kg	10/28/25 19:14	PB170283
319-85-7	beta-BHC	20.2		1	0.21	2.00	ug/kg	10/28/25 19:14	PB170283
319-86-8	delta-BHC	20.7		1	0.46	2.00	ug/kg	10/28/25 19:14	PB170283
58-89-9	gamma-BHC (Lindane)	20.4		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
76-44-8	Heptachlor	24.2		1	0.14	2.00	ug/kg	10/28/25 19:14	PB170283
309-00-2	Aldrin	20.2		1	0.14	2.00	ug/kg	10/28/25 19:14	PB170283
1024-57-3	Heptachlor epoxide	20.5		1	0.22	2.00	ug/kg	10/28/25 19:14	PB170283
959-98-8	Endosulfan I	20.2		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
60-57-1	Dieldrin	20.6		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
72-55-9	4,4-DDE	19.4		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
72-20-8	Endrin	20.3		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
33213-65-9	Endosulfan II	20.7		1	0.34	2.00	ug/kg	10/28/25 19:14	PB170283
72-54-8	4,4-DDD	21.8		1	0.18	2.00	ug/kg	10/28/25 19:14	PB170283
1031-07-8	Endosulfan Sulfate	19.2		1	0.15	2.00	ug/kg	10/28/25 19:14	PB170283
50-29-3	4,4-DDT	22.6		1	0.16	2.00	ug/kg	10/28/25 19:14	PB170283
72-43-5	Methoxychlor	19.8		1	0.43	2.00	ug/kg	10/28/25 19:14	PB170283
53494-70-5	Endrin ketone	20.5		1	0.22	2.00	ug/kg	10/28/25 19:14	PB170283
7421-93-4	Endrin aldehyde	20.0		1	0.43	2.00	ug/kg	10/28/25 19:14	PB170283
5103-71-9	alpha-Chlordane	19.8		1	0.14	2.00	ug/kg	10/28/25 19:14	PB170283
5103-74-2	gamma-Chlordane	20.4		1	0.18	2.00	ug/kg	10/28/25 19:14	PB170283
8001-35-2	Toxaphene	6.30	U	1	6.30	38.6	ug/kg	10/28/25 19:14	PB170283
SURROGATES									
2051-24-3	Decachlorobiphenyl	15.2			30 (20) - 150 (144)	76%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.3			30 (19) - 150 (148)	102%	SPK: 20		

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

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: HDRI08
Lab Code: ACE
SDG NO.: Q3466
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: HDRI08
Lab Code: ACE
SDG NO.: Q3466
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3466
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3466
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:50 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.71	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:50 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.705	6.600	6.800	52.870	50.000	5.7
4,4'-DDE	6.195	6.090	6.290	47.930	50.000	-4.1
4,4'-DDT	7.020	6.915	7.115	47.020	50.000	-6.0
Aldrin	5.269	5.164	5.364	48.150	50.000	-3.7
alpha-BHC	3.999	3.894	4.094	48.620	50.000	-2.8
alpha-Chlordane	6.025	5.921	6.121	49.310	50.000	-1.4
beta-BHC	4.516	4.412	4.612	46.790	50.000	-6.4
Decachlorobiphenyl	9.070	8.964	9.164	44.840	50.000	-10.3
delta-BHC	4.766	4.660	4.860	48.660	50.000	-2.7
Dieldrin	6.345	6.240	6.440	48.770	50.000	-2.5
Endosulfan I	6.073	5.968	6.168	48.280	50.000	-3.4
Endosulfan II	6.785	6.681	6.881	47.840	50.000	-4.3
Endosulfan sulfate	7.149	7.045	7.245	48.580	50.000	-2.8
Endrin	6.573	6.468	6.668	46.310	50.000	-7.4
Endrin aldehyde	6.914	6.810	7.010	49.090	50.000	-1.8
Endrin ketone	7.629	7.525	7.725	50.760	50.000	1.5
gamma-BHC (Lindane)	4.330	4.225	4.425	47.850	50.000	-4.3
gamma-Chlordane	5.945	5.840	6.040	48.450	50.000	-3.1
Heptachlor	4.928	4.823	5.023	56.100	50.000	12.2
Heptachlor epoxide	5.688	5.584	5.784	48.870	50.000	-2.3
Methoxychlor	7.493	7.388	7.588	46.810	50.000	-6.4
Tetrachloro-m-xylene	3.549	3.445	3.645	45.750	50.000	-8.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090880.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.919	5.821	6.021	49.130	50.000	-1.7
4,4'-DDE	5.365	5.266	5.466	46.160	50.000	-7.7
4,4'-DDT	6.173	6.074	6.274	45.570	50.000	-8.9
Aldrin	4.359	4.261	4.461	45.320	50.000	-9.4
alpha-BHC	3.385	3.287	3.487	45.620	50.000	-8.8
alpha-Chlordane	5.180	5.081	5.281	45.730	50.000	-8.5
beta-BHC	4.018	3.919	4.119	47.270	50.000	-5.5
Decachlorobiphenyl	8.060	7.962	8.162	49.890	50.000	-0.2
delta-BHC	4.253	4.155	4.355	45.880	50.000	-8.2
Dieldrin	5.503	5.404	5.604	46.470	50.000	-7.1
Endosulfan I	5.237	5.138	5.338	45.070	50.000	-9.9
Endosulfan II	6.071	5.972	6.172	47.430	50.000	-5.1
Endosulfan sulfate	6.473	6.374	6.574	47.920	50.000	-4.2
Endrin	5.779	5.681	5.881	45.370	50.000	-9.3
Endrin aldehyde	6.249	6.150	6.350	47.700	50.000	-4.6
Endrin ketone	6.982	6.883	7.083	51.450	50.000	2.9
gamma-BHC (Lindane)	3.721	3.623	3.823	45.240	50.000	-9.5
gamma-Chlordane	5.115	5.017	5.217	45.760	50.000	-8.5
Heptachlor	4.073	3.975	4.175	46.820	50.000	-6.4
Heptachlor epoxide	4.863	4.764	4.964	44.400	50.000	-11.2
Methoxychlor	6.744	6.645	6.845	46.880	50.000	-6.2
Tetrachloro-m-xylene	2.873	2.775	2.975	45.050	50.000	-9.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:52 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:52 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.697	6.600	6.800	51.450	50.000	2.9
4,4'-DDE	6.188	6.090	6.290	46.680	50.000	-6.6
4,4'-DDT	7.013	6.915	7.115	44.150	50.000	-11.7
Aldrin	5.263	5.164	5.364	47.620	50.000	-4.8
alpha-BHC	3.992	3.894	4.094	48.380	50.000	-3.2
alpha-Chlordane	6.018	5.921	6.121	47.490	50.000	-5.0
beta-BHC	4.510	4.412	4.612	46.830	50.000	-6.3
Decachlorobiphenyl	9.061	8.964	9.164	44.310	50.000	-11.4
delta-BHC	4.758	4.660	4.860	48.380	50.000	-3.2
Dieldrin	6.338	6.240	6.440	47.610	50.000	-4.8
Endosulfan I	6.066	5.968	6.168	47.290	50.000	-5.4
Endosulfan II	6.779	6.681	6.881	46.450	50.000	-7.1
Endosulfan sulfate	7.142	7.045	7.245	46.810	50.000	-6.4
Endrin	6.565	6.468	6.668	44.800	50.000	-10.4
Endrin aldehyde	6.907	6.810	7.010	46.920	50.000	-6.2
Endrin ketone	7.623	7.525	7.725	49.330	50.000	-1.3
gamma-BHC (Lindane)	4.323	4.225	4.425	47.650	50.000	-4.7
gamma-Chlordane	5.937	5.840	6.040	47.140	50.000	-5.7
Heptachlor	4.921	4.823	5.023	55.050	50.000	10.1
Heptachlor epoxide	5.682	5.584	5.784	48.630	50.000	-2.7
Methoxychlor	7.486	7.388	7.588	45.090	50.000	-9.8
Tetrachloro-m-xylene	3.543	3.445	3.645	46.400	50.000	-7.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090892.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.821	6.021	49.050	50.000	-1.9
4,4'-DDE	5.363	5.266	5.466	46.140	50.000	-7.7
4,4'-DDT	6.171	6.074	6.274	43.960	50.000	-12.1
Aldrin	4.358	4.261	4.461	45.800	50.000	-8.4
alpha-BHC	3.385	3.287	3.487	45.860	50.000	-8.3
alpha-Chlordane	5.179	5.081	5.281	45.630	50.000	-8.7
beta-BHC	4.017	3.919	4.119	47.490	50.000	-5.0
Decachlorobiphenyl	8.058	7.962	8.162	47.520	50.000	-5.0
delta-BHC	4.253	4.155	4.355	45.860	50.000	-8.3
Dieldrin	5.501	5.404	5.604	46.240	50.000	-7.5
Endosulfan I	5.235	5.138	5.338	44.570	50.000	-10.9
Endosulfan II	6.069	5.972	6.172	46.570	50.000	-6.9
Endosulfan sulfate	6.471	6.374	6.574	46.950	50.000	-6.1
Endrin	5.778	5.681	5.881	44.720	50.000	-10.6
Endrin aldehyde	6.247	6.150	6.350	46.850	50.000	-6.3
Endrin ketone	6.980	6.883	7.083	49.870	50.000	-0.3
gamma-BHC (Lindane)	3.721	3.623	3.823	45.460	50.000	-9.1
gamma-Chlordane	5.114	5.017	5.217	45.680	50.000	-8.6
Heptachlor	4.073	3.975	4.175	46.780	50.000	-6.4
Heptachlor epoxide	4.861	4.764	4.964	44.870	50.000	-10.3
Methoxychlor	6.742	6.645	6.845	45.090	50.000	-9.8
Tetrachloro-m-xylene	2.873	2.775	2.975	45.260	50.000	-9.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:58 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 21:58 **Initial Calibration Time(s):** 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090902.D **Time Analyzed:** 21:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.698	6.600	6.800	51.800	50.000	3.6
4,4'-DDE	6.188	6.090	6.290	47.120	50.000	-5.8
4,4'-DDT	7.014	6.915	7.115	44.680	50.000	-10.6
Aldrin	5.262	5.164	5.364	49.050	50.000	-1.9
alpha-BHC	3.993	3.894	4.094	49.510	50.000	-1.0
alpha-Chlordane	6.019	5.921	6.121	48.260	50.000	-3.5
beta-BHC	4.511	4.412	4.612	48.060	50.000	-3.9
Decachlorobiphenyl	9.062	8.964	9.164	43.030	50.000	-13.9
delta-BHC	4.759	4.660	4.860	49.530	50.000	-0.9
Dieldrin	6.339	6.240	6.440	48.170	50.000	-3.7
Endosulfan I	6.067	5.968	6.168	47.840	50.000	-4.3
Endosulfan II	6.779	6.681	6.881	46.470	50.000	-7.1
Endosulfan sulfate	7.143	7.045	7.245	47.130	50.000	-5.7
Endrin	6.566	6.468	6.668	45.750	50.000	-8.5
Endrin aldehyde	6.908	6.810	7.010	47.510	50.000	-5.0
Endrin ketone	7.623	7.525	7.725	48.830	50.000	-2.3
gamma-BHC (Lindane)	4.324	4.225	4.425	48.790	50.000	-2.4
gamma-Chlordane	5.938	5.840	6.040	47.750	50.000	-4.5
Heptachlor	4.921	4.823	5.023	56.510	50.000	13.0
Heptachlor epoxide	5.683	5.584	5.784	49.190	50.000	-1.6
Methoxychlor	7.487	7.388	7.588	44.500	50.000	-11.0
Tetrachloro-m-xylene	3.544	3.445	3.645	47.130	50.000	-5.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090902.D **Time Analyzed:** 21:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.821	6.021	50.560	50.000	1.1
4,4'-DDE	5.363	5.266	5.466	47.870	50.000	-4.3
4,4'-DDT	6.172	6.074	6.274	45.310	50.000	-9.4
Aldrin	4.358	4.261	4.461	47.150	50.000	-5.7
alpha-BHC	3.385	3.287	3.487	47.140	50.000	-5.7
alpha-Chlordane	5.179	5.081	5.281	47.270	50.000	-5.5
beta-BHC	4.017	3.919	4.119	48.800	50.000	-2.4
Decachlorobiphenyl	8.058	7.962	8.162	48.180	50.000	-3.6
delta-BHC	4.253	4.155	4.355	47.490	50.000	-5.0
Dieldrin	5.501	5.404	5.604	47.760	50.000	-4.5
Endosulfan I	5.236	5.138	5.338	46.110	50.000	-7.8
Endosulfan II	6.070	5.972	6.172	48.060	50.000	-3.9
Endosulfan sulfate	6.471	6.374	6.574	48.320	50.000	-3.4
Endrin	5.778	5.681	5.881	46.640	50.000	-6.7
Endrin aldehyde	6.247	6.150	6.350	48.330	50.000	-3.3
Endrin ketone	6.980	6.883	7.083	49.950	50.000	-0.1
gamma-BHC (Lindane)	3.721	3.623	3.823	46.830	50.000	-6.3
gamma-Chlordane	5.114	5.017	5.217	47.490	50.000	-5.0
Heptachlor	4.073	3.975	4.175	47.980	50.000	-4.0
Heptachlor epoxide	4.862	4.764	4.964	46.330	50.000	-7.3
Methoxychlor	6.742	6.645	6.845	46.210	50.000	-7.6
Tetrachloro-m-xylene	2.873	2.775	2.975	46.500	50.000	-7.0

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090868.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:55

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.062	8.960	9.160	22.890	20.000	14.5
Tetrachloro-m-xylene	3.544	3.490	3.590	23.160	20.000	15.8
alpha-BHC	3.993	3.940	4.040	9.970	10.000	-0.3
beta-BHC	4.511	4.460	4.560	11.310	10.000	13.1
gamma-BHC (Lindane)	4.323	4.270	4.370	10.310	10.000	3.1
Endrin	6.566	6.500	6.640	52.490	50.000	5.0
4,4'-DDT	7.013	6.940	7.080	107.090	100.000	7.1
Methoxychlor	7.486	7.420	7.560	251.460	250.000	0.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090868.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:55

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.058	7.960	8.160	25.500	20.000	27.5
Tetrachloro-m-xylene	2.873	2.820	2.920	23.100	20.000	15.5
alpha-BHC	3.385	3.330	3.440	11.160	10.000	11.6
beta-BHC	4.017	3.970	4.070	11.350	10.000	13.5
gamma-BHC (Lindane)	3.721	3.670	3.770	11.180	10.000	11.8
Endrin	5.778	5.710	5.850	50.160	50.000	0.3
4,4'-DDT	6.172	6.100	6.240	104.590	100.000	4.6
Methoxychlor	6.741	6.670	6.810	216.550	250.000	-13.4

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090901.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.062	8.960	9.160	20.280	20.000	1.4
Tetrachloro-m-xylene	3.543	3.490	3.590	22.630	20.000	13.2
alpha-BHC	3.992	3.940	4.040	9.620	10.000	-3.8
beta-BHC	4.510	4.460	4.560	10.560	10.000	5.6
gamma-BHC (Lindane)	4.323	4.270	4.370	9.720	10.000	-2.8
Endrin	6.566	6.500	6.640	45.270	50.000	-9.5
4,4'-DDT	7.013	6.940	7.080	85.200	100.000	-14.8
Methoxychlor	7.486	7.420	7.560	212.190	250.000	-15.1

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090901.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.058	7.960	8.160	20.220	20.000	1.1
Tetrachloro-m-xylene	2.873	2.820	2.920	22.730	20.000	13.7
alpha-BHC	3.385	3.330	3.440	11.060	10.000	10.6
beta-BHC	4.017	3.970	4.070	11.130	10.000	11.3
gamma-BHC (Lindane)	3.721	3.670	3.770	10.960	10.000	9.6
Endrin	5.777	5.710	5.850	46.510	50.000	-7.0
4,4'-DDT	6.171	6.100	6.240	85.530	100.000	-14.5
Methoxychlor	6.741	6.670	6.810	185.490	250.000	-25.8

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Analytical Sequence

Client: HDR, Inc. **SDG No.:** Q3466

Project: PVWC Linear Construction **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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 #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
PEM	PEM	10/28/2025	09:55	PD090868.D	9.06	3.54
I.BLK	I.BLK	10/28/2025	13:16	PD090879.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	13:50	PD090880.D	9.07	3.55
PB170283BL	PB170283BL	10/28/2025	14:35	PD090881.D	9.07	3.55
PB170283BS	PB170283BS	10/28/2025	16:16	PD090885.D	9.07	3.55
I.BLK	I.BLK	10/28/2025	17:38	PD090891.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	17:52	PD090892.D	9.06	3.54
B8-0.0-1.0-20251023	Q3466-02	10/28/2025	18:46	PD090893.D	9.06	3.54
B8-0.0-1.0-20251023MS	Q3466-02MS	10/28/2025	19:00	PD090894.D	9.06	3.54
B8-0.0-1.0-20251023MSD	Q3466-02MSD	10/28/2025	19:14	PD090895.D	9.06	3.54
B9-0.0-1.0-20251023	Q3466-05	10/28/2025	19:27	PD090896.D	9.06	3.54
B7-1.0-2.0-20251023	Q3466-07	10/28/2025	19:41	PD090897.D	9.06	3.54
I.BLK	I.BLK	10/28/2025	20:22	PD090900.D	9.06	3.54
PEM	PEM	10/28/2025	20:36	PD090901.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/28/2025	21:58	PD090902.D	9.06	3.54

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Analytical Sequence

Client: HDR, Inc. **SDG No.:** Q3466

Project: PVWC Linear Construction **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

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 #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
PEM	PEM	10/28/2025	09:55	PD090868.D	8.06	2.87
I.BLK	I.BLK	10/28/2025	13:16	PD090879.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	13:50	PD090880.D	8.06	2.87
PB170283BL	PB170283BL	10/28/2025	14:35	PD090881.D	8.06	2.87
PB170283BS	PB170283BS	10/28/2025	16:16	PD090885.D	8.06	2.87
I.BLK	I.BLK	10/28/2025	17:38	PD090891.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	17:52	PD090892.D	8.06	2.87
B8-0.0-1.0-20251023	Q3466-02	10/28/2025	18:46	PD090893.D	8.06	2.87
B8-0.0-1.0-20251023MS	Q3466-02MS	10/28/2025	19:00	PD090894.D	8.06	2.87
B8-0.0-1.0-20251023MSD	Q3466-02MSD	10/28/2025	19:14	PD090895.D	8.06	2.87
B9-0.0-1.0-20251023	Q3466-05	10/28/2025	19:27	PD090896.D	8.06	2.87
B7-1.0-2.0-20251023	Q3466-07	10/28/2025	19:41	PD090897.D	8.06	2.87
I.BLK	I.BLK	10/28/2025	20:22	PD090900.D	8.06	2.87
PEM	PEM	10/28/2025	20:36	PD090901.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/28/2025	21:58	PD090902.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B8-0.0-1.0-20251023

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-02 **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	7.01	6.96	7.06	1.10	100
	2	6.17	6.12	6.22	3.30	
4,4'-DDE	1	6.19	6.14	6.24	0.80	22.7
	2	5.36	5.31	5.41	0.64	
Dieldrin	1	6.34	6.29	6.39	0.45	115.9
	2	5.50	5.45	5.55	1.70	
Endrin	1	6.57	6.52	6.62	1.10	104.9
	2	5.78	5.73	5.83	0.34	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B8-0.0-1.0-20251023MS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-02MS **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	18.4	7.8
	2	6.07	6.02	6.12	19.9	
4,4'-DDD	1	6.70	6.65	6.75	20.7	17.9
	2	5.92	5.87	5.97	17.3	
4,4'-DDT	1	7.01	6.96	7.06	21.2	1.4
	2	6.17	6.12	6.22	20.9	
Endrin aldehyde	1	6.91	6.86	6.96	19.0	1.6
	2	6.25	6.20	6.30	18.7	
Endosulfan sulfate	1	7.14	7.09	7.19	18.3	1.6
	2	6.47	6.42	6.52	18.6	
Methoxychlor	1	7.49	7.44	7.54	18.9	9.4
	2	6.74	6.69	6.79	17.2	
Endrin ketone	1	7.62	7.57	7.67	19.4	10.9
	2	6.98	6.93	7.03	17.4	
alpha-BHC	1	3.99	3.94	4.04	19.4	5.3
	2	3.39	3.34	3.44	18.4	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	18.8	4.9
	2	3.72	3.67	3.77	17.9	
Heptachlor	1	4.92	4.87	4.97	22.7	17.2
	2	4.07	4.02	4.12	19.1	
Aldrin	1	5.26	5.21	5.31	19.0	6.5
	2	4.36	4.31	4.41	17.8	
beta-BHC	1	4.51	4.46	4.56	17.3	8.8
	2	4.02	3.97	4.07	18.9	
delta-BHC	1	4.76	4.71	4.81	19.5	7.4
	2	4.25	4.20	4.30	18.1	
Heptachlor epoxide	1	5.68	5.63	5.73	19.2	7
	2	4.86	4.81	4.91	17.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B8-0.0-1.0-20251023MS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-02MS **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	19.0	13.5
	2	5.24	5.19	5.29	16.6	
gamma-Chlordane	1	5.94	5.89	5.99	18.4	4.8
	2	5.11	5.06	5.16	19.3	
alpha-Chlordane	1	6.02	5.97	6.07	18.4	1.1
	2	5.18	5.13	5.23	18.6	
4,4'-DDE	1	6.19	6.14	6.24	18.3	0.5
	2	5.36	5.31	5.41	18.4	
Dieldrin	1	6.34	6.29	6.39	18.9	3.6
	2	5.50	5.45	5.55	19.6	
Endrin	1	6.57	6.52	6.62	19.2	5.9
	2	5.78	5.73	5.83	18.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B8-0.0-1.0-20251023MSD

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-02MSD **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	19.4	6.5
	2	6.07	6.02	6.12	20.7	
4,4'-DDD	1	6.70	6.65	6.75	21.8	19.6
	2	5.92	5.87	5.97	17.9	
4,4'-DDT	1	7.01	6.96	7.06	22.6	4.1
	2	6.17	6.12	6.22	21.7	
Endrin aldehyde	1	6.91	6.86	6.96	20.0	1.5
	2	6.25	6.20	6.30	19.7	
Endosulfan sulfate	1	7.14	7.09	7.19	19.1	0.5
	2	6.47	6.42	6.52	19.2	
Methoxychlor	1	7.49	7.44	7.54	19.8	9.5
	2	6.74	6.69	6.79	18.0	
Endrin ketone	1	7.62	7.57	7.67	20.5	13.5
	2	6.98	6.93	7.03	17.9	
alpha-BHC	1	3.99	3.94	4.04	20.7	5.5
	2	3.39	3.34	3.44	19.6	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	20.4	7.1
	2	3.72	3.67	3.77	19.0	
Heptachlor	1	4.92	4.87	4.97	24.2	17.5
	2	4.07	4.02	4.12	20.3	
Aldrin	1	5.26	5.21	5.31	20.2	7.2
	2	4.36	4.31	4.41	18.8	
beta-BHC	1	4.51	4.46	4.56	18.2	10.4
	2	4.02	3.97	4.07	20.2	
delta-BHC	1	4.76	4.71	4.81	20.7	7.5
	2	4.25	4.20	4.30	19.2	
Heptachlor epoxide	1	5.68	5.63	5.73	20.5	8.1
	2	4.86	4.81	4.91	18.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B8-0.0-1.0-20251023MSD

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-02MSD **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	20.2	14.3
	2	5.24	5.19	5.29	17.5	
gamma-Chlordane	1	5.94	5.89	5.99	19.5	4.5
	2	5.12	5.07	5.17	20.4	
alpha-Chlordane	1	6.02	5.97	6.07	19.8	1
	2	5.18	5.13	5.23	19.6	
4,4'-DDE	1	6.19	6.14	6.24	19.3	0.5
	2	5.36	5.31	5.41	19.4	
Dieldrin	1	6.34	6.29	6.39	19.9	3.5
	2	5.50	5.45	5.55	20.6	
Endrin	1	6.57	6.52	6.62	20.3	7.1
	2	5.78	5.73	5.83	18.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B9-0.0-1.0-20251023

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: Q3466-05 **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.34	6.29	6.39	0.56	56.3
	2	5.50	5.45	5.55	1.00	
Endrin	1	6.57	6.52	6.62	0.33	37.1
	2	5.78	5.73	5.83	0.23	
4,4'-DDT	1	7.02	6.97	7.07	0.41	35.2
	2	6.17	6.12	6.22	0.59	
Heptachlor epoxide	1	5.68	5.63	5.73	0.52	11.4
	2	4.86	4.81	4.91	0.46	
gamma-Chlordane	1	5.94	5.89	5.99	1.20	21.7
	2	5.11	5.06	5.16	0.97	
alpha-Chlordane	1	6.02	5.97	6.07	3.40	102.2
	2	5.18	5.13	5.23	1.10	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170283BS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: PB170283BS **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	15.9	1.3
	2	6.07	6.02	6.12	15.7	
4,4'-DDD	1	6.71	6.66	6.76	17.3	4.7
	2	5.92	5.87	5.97	16.5	
4,4'-DDT	1	7.02	6.97	7.07	15.7	1.9
	2	6.17	6.12	6.22	15.4	
Endrin aldehyde	1	6.92	6.87	6.97	16.4	1.8
	2	6.25	6.20	6.30	16.1	
Endosulfan sulfate	1	7.15	7.10	7.20	16.0	0.6
	2	6.47	6.42	6.52	16.1	
Methoxychlor	1	7.49	7.44	7.54	15.9	1.3
	2	6.74	6.69	6.79	15.7	
Endrin ketone	1	7.63	7.58	7.68	16.8	1.2
	2	6.98	6.93	7.03	17.0	
alpha-BHC	1	4.00	3.95	4.05	15.8	5.2
	2	3.39	3.34	3.44	15.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.7	4.6
	2	3.72	3.67	3.77	15.0	
Heptachlor	1	4.93	4.88	4.98	18.6	18.8
	2	4.07	4.02	4.12	15.4	
Aldrin	1	5.27	5.22	5.32	15.9	5.8
	2	4.36	4.31	4.41	15.0	
beta-BHC	1	4.52	4.47	4.57	15.4	3.3
	2	4.02	3.97	4.07	14.9	
delta-BHC	1	4.77	4.72	4.82	16.0	5.8
	2	4.25	4.20	4.30	15.1	
Heptachlor epoxide	1	5.69	5.64	5.74	16.1	7.1
	2	4.86	4.81	4.91	15.0	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170283BS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3466

Lab Sample ID: PB170283BS **Date(s) Analyzed:** 10/28/2025 10/28/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	16.0	5.8
	2	5.24	5.19	5.29	15.1	
gamma-Chlordane	1	5.95	5.90	6.00	15.9	3.8
	2	5.12	5.07	5.17	15.3	
alpha-Chlordane	1	6.03	5.98	6.08	16.1	5.1
	2	5.18	5.13	5.23	15.3	
4,4'-DDE	1	6.20	6.15	6.25	15.8	2.6
	2	5.37	5.32	5.42	15.4	
Dieldrin	1	6.35	6.30	6.40	16.3	5
	2	5.50	5.45	5.55	15.5	
Endrin	1	6.57	6.52	6.62	15.5	2
	2	5.78	5.73	5.83	15.2	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 18:46
Operator : AR\AJ
Sample : Q3466-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.873	61645938	610.1E6	19.795m	20.489
28)	SA Decachlor...	9.062	8.058	73676133	496.8E6	15.750	16.400
	Target Compounds						
12)	B 4,4'-DDE	6.186	5.363	10974014	71822582	2.060m	1.638
13)	MA Dieldrin	6.343	5.497	6788963	196.0E6	1.164m	4.436m#
14)	MA Endrin	6.565	5.779	13869953	35558814	2.800m	0.878m#
17)	MA 4,4'-DDT	7.013	6.168	11853626	299.2E6	2.884	8.530 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 18:46
Operator : AR\AJ
Sample : Q3466-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

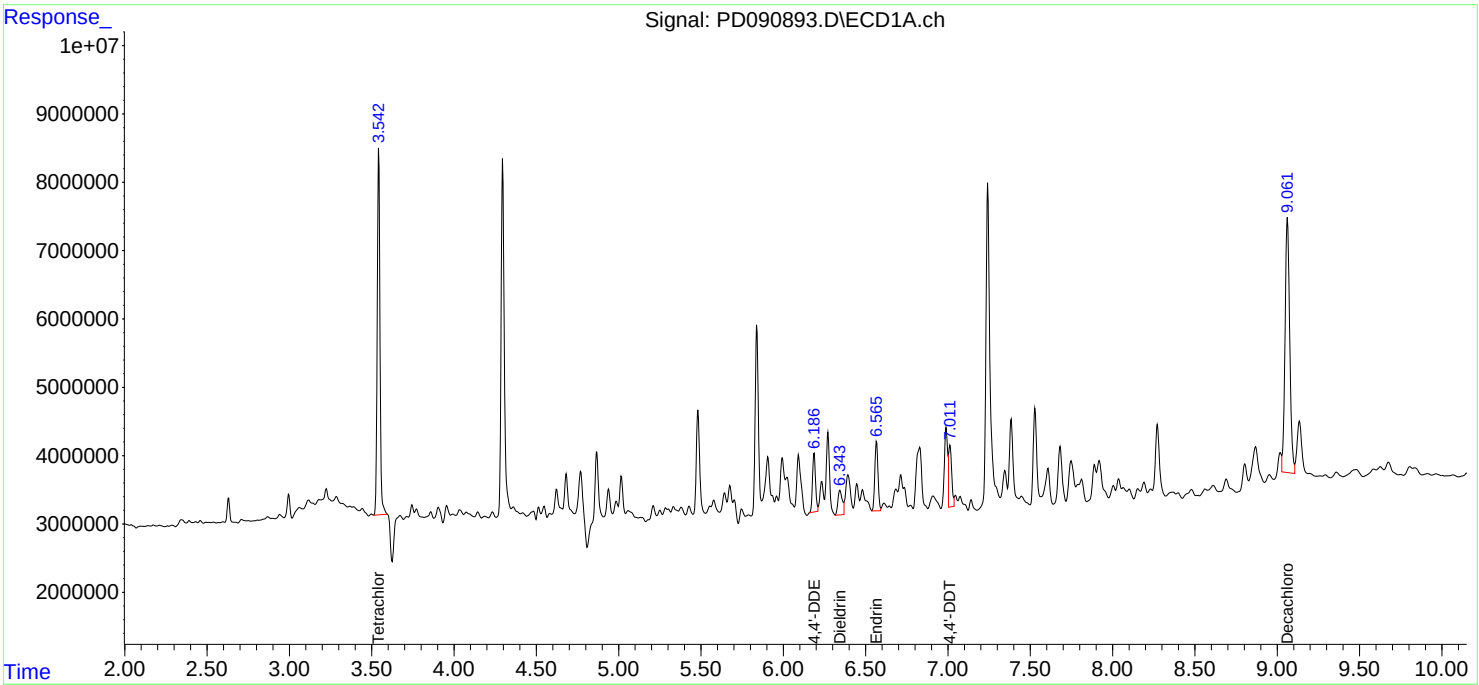
Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023

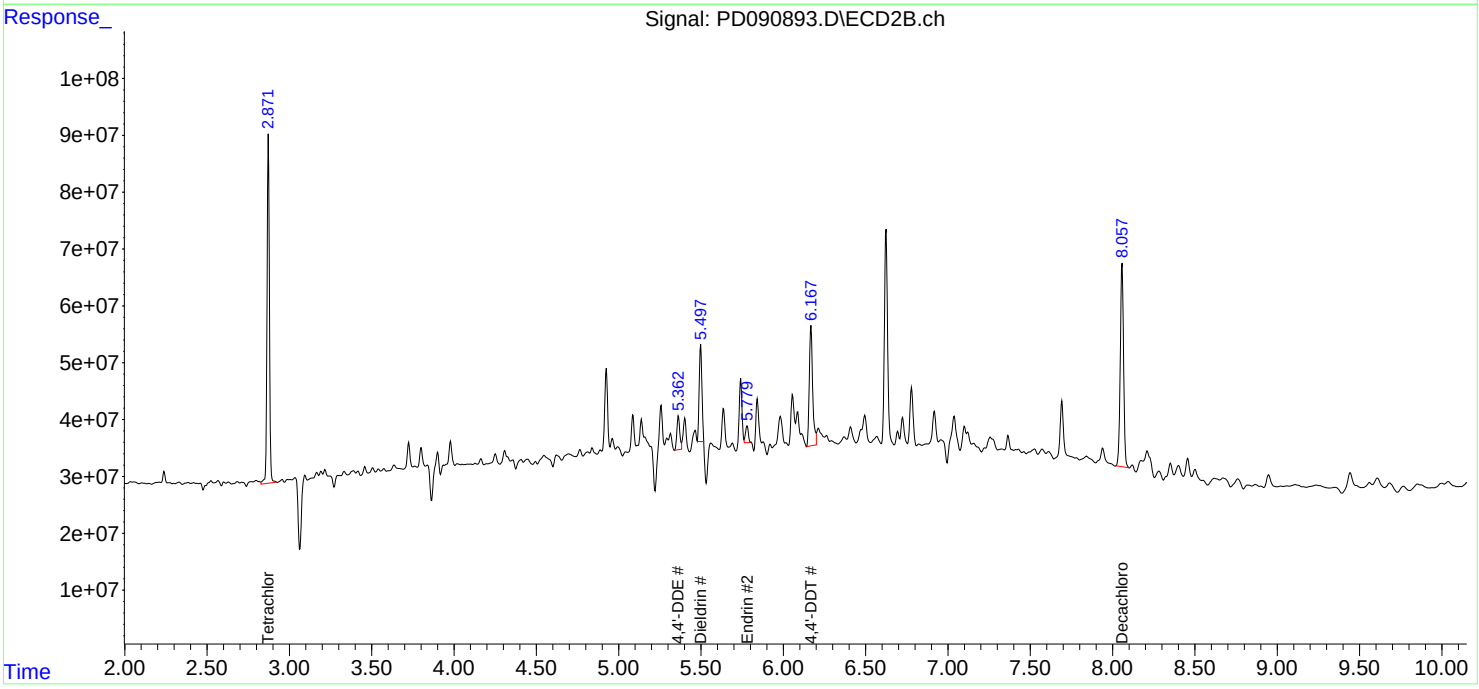
Manual Integrations APPROVED

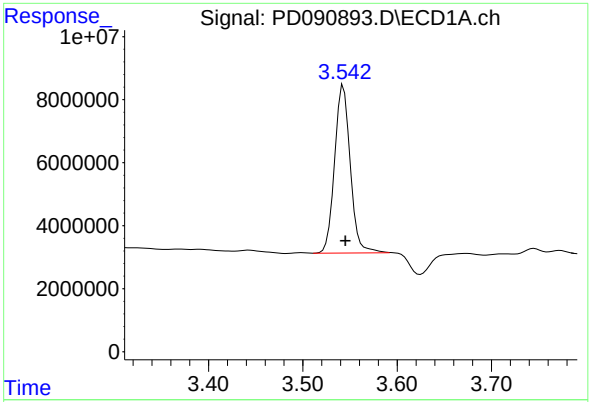
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm







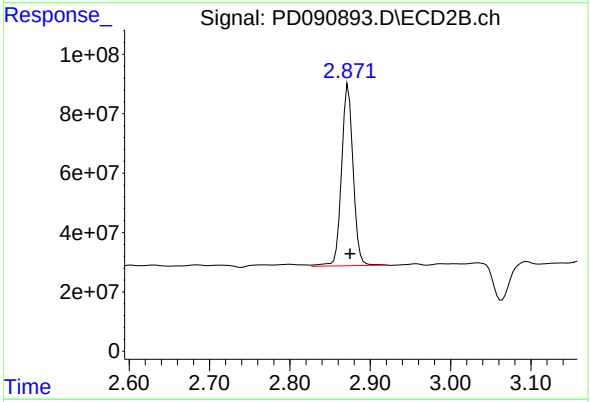
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 61645938
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023

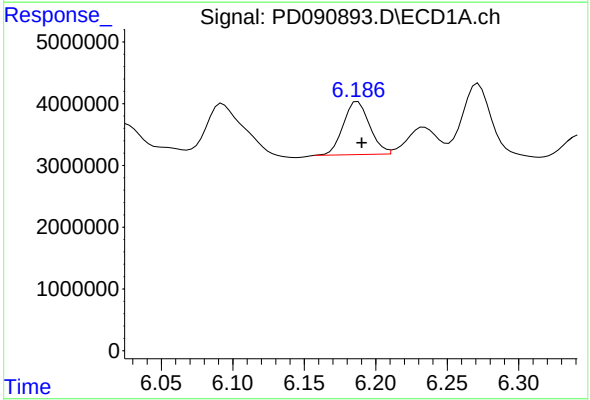
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



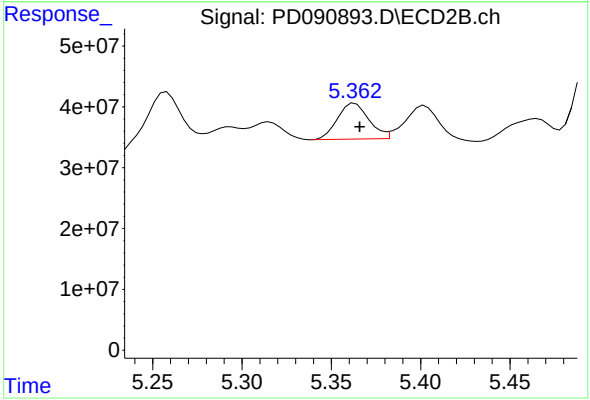
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 610089746
Conc: 20.49 ng/ml



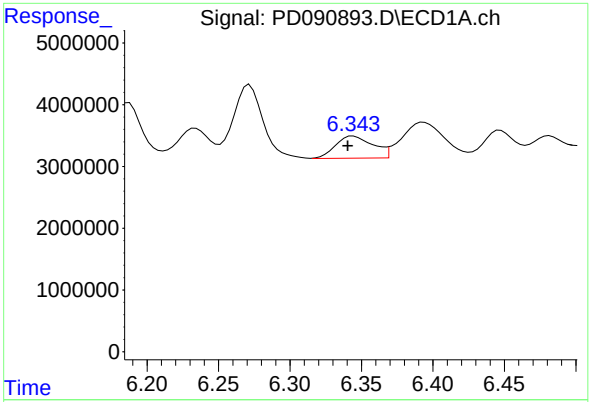
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 10974014
Conc: 2.06 ng/ml m



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 71822582
Conc: 1.64 ng/ml



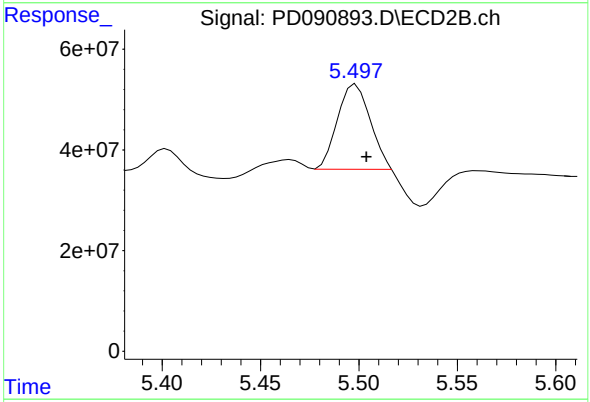
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 6788963
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023

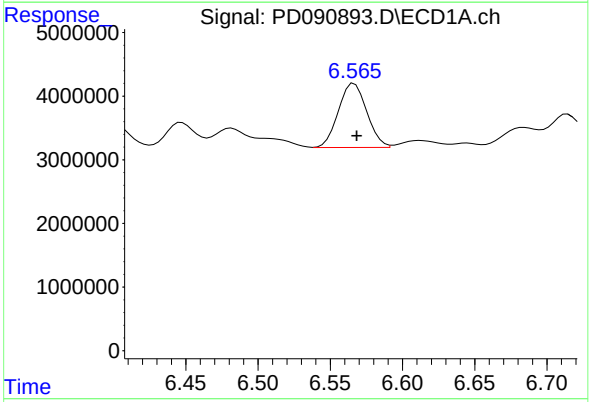
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



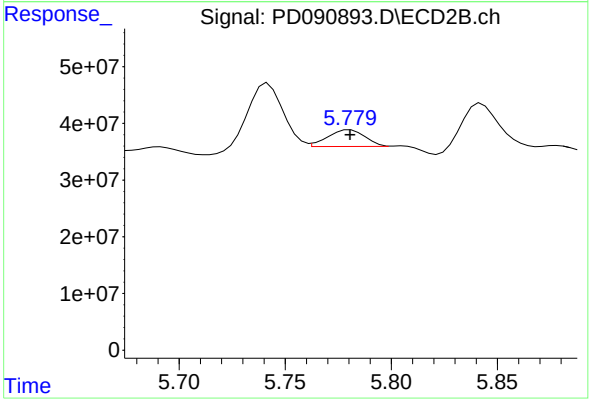
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 196014773
Conc: 4.44 ng/ml m



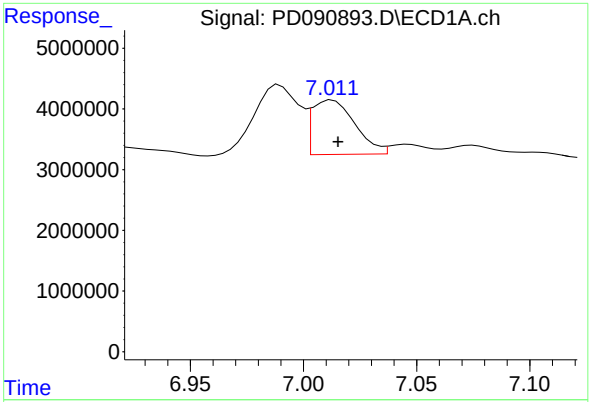
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.003 min
Response: 13869953
Conc: 2.80 ng/ml m



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 35558814
Conc: 0.88 ng/ml m



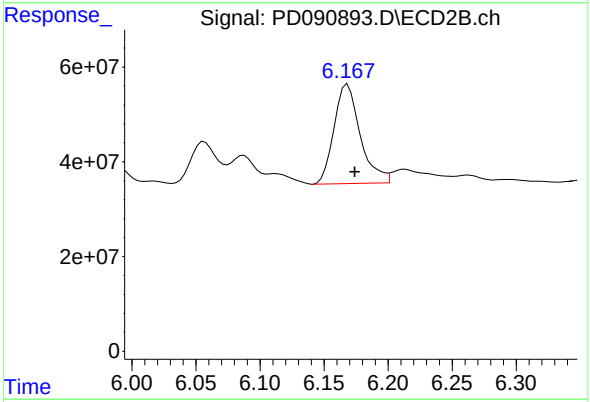
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 11853626
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023

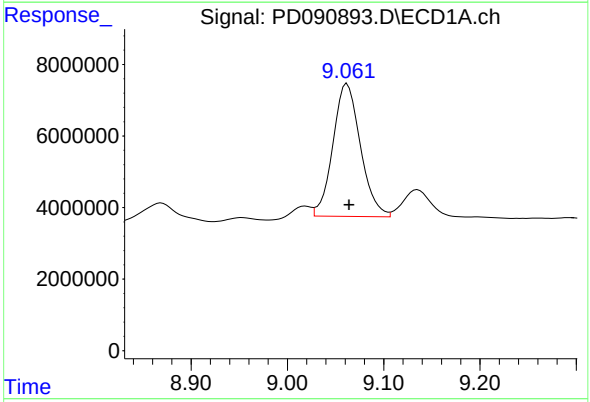
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



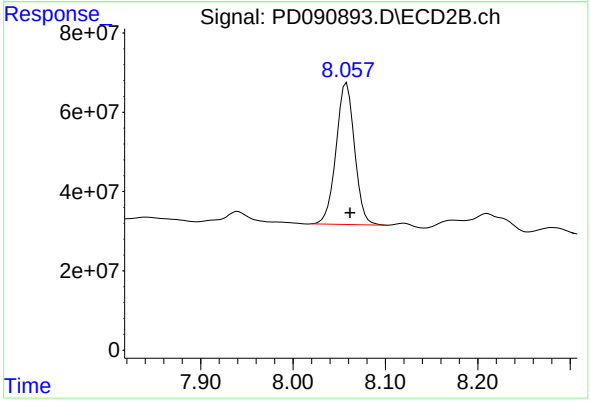
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 299157703
Conc: 8.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 73676133
Conc: 15.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 496787354
Conc: 16.40 ng/ml

Sample Results: **PD090896.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:27
Operator : AR\AJ
Sample : Q3466-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.873	57964616	553.6E6	18.613m	18.590
28)	SA Decachlor...	9.063	8.057	60041782	435.3E6	12.835	14.371
	Target Compounds						
8)	B Heptachlo...	5.680	4.861	7539947	49304698	1.302m	1.156
10)	B gamma-Chl...	5.938	5.113	18226282	108.5E6	3.073	2.413m
11)	B alpha-Chl...	6.022	5.178	52868142	122.9E6	8.554m	2.850m#
13)	MA Dieldrin	6.340	5.500	8182755	114.1E6	1.403	2.583m#
14)	MA Endrin	6.567	5.777	4115697	23246362	0.831m	0.574m#
17)	MA 4,4'-DDT	7.015	6.170	4235501	51663389	1.030	1.473 #

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

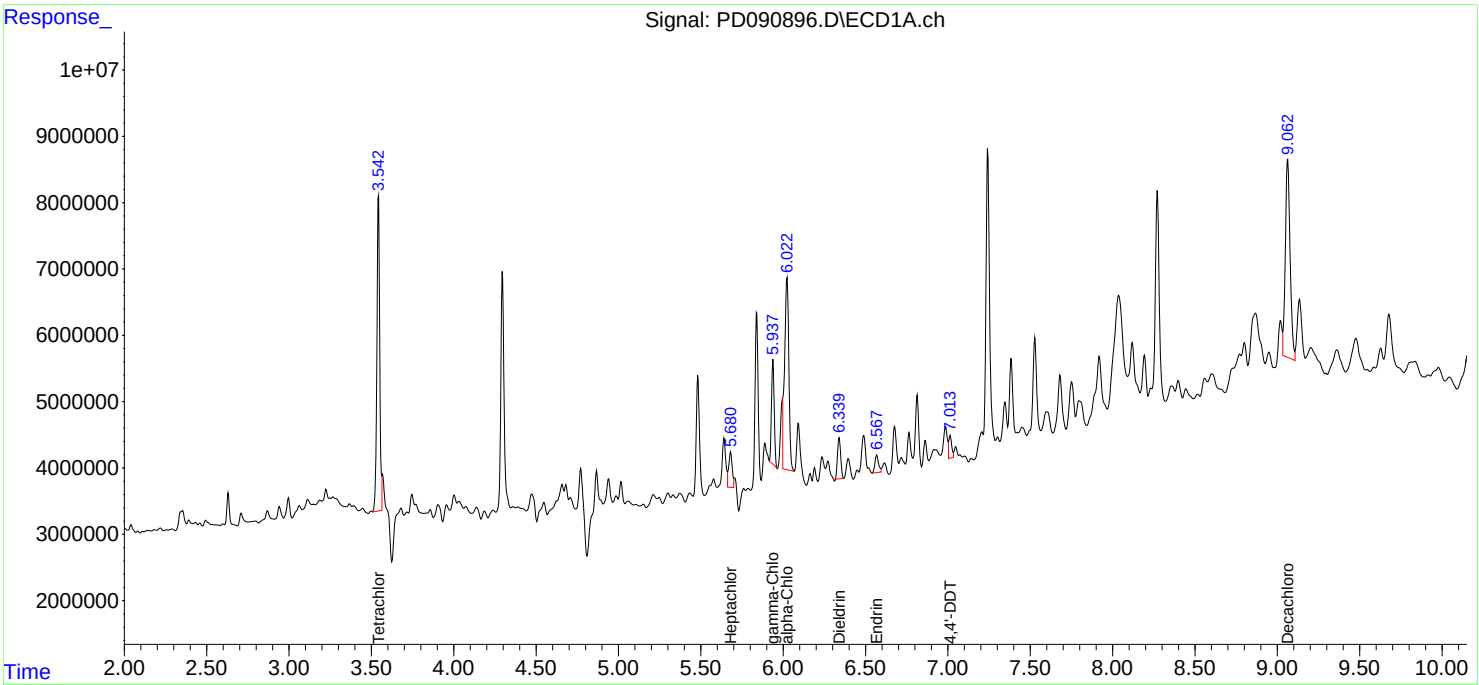
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:27
Operator : AR\AJ
Sample : Q3466-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

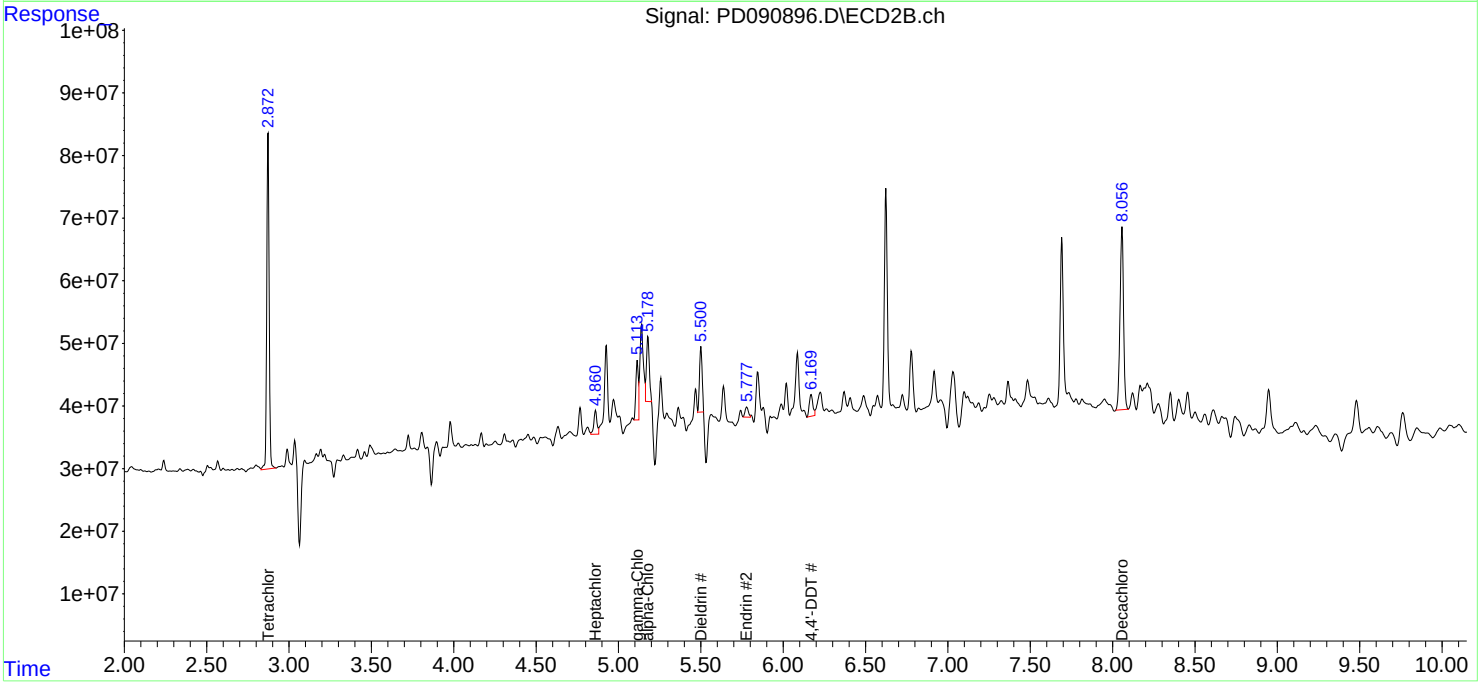
Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

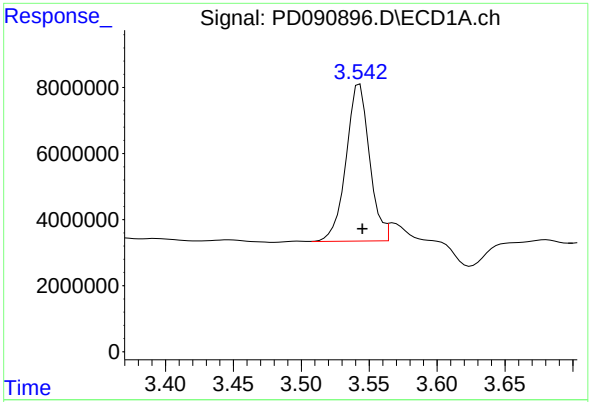
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm







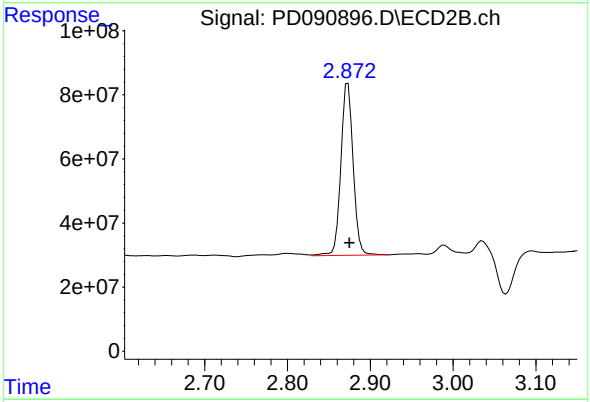
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.003 min
Response: 57964616
Conc: 18.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

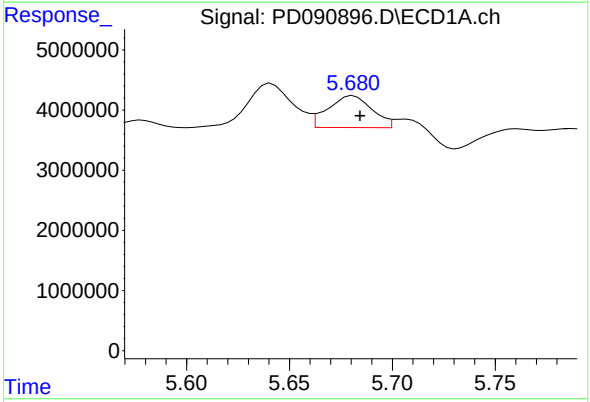
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



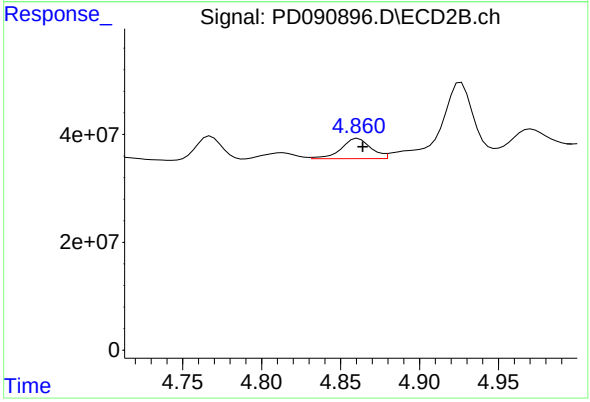
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 553564589
Conc: 18.59 ng/ml



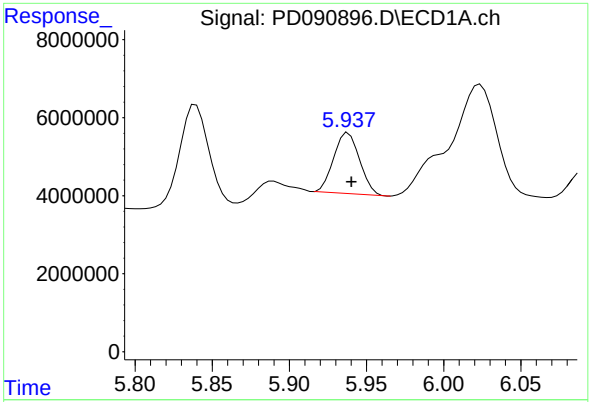
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 7539947
Conc: 1.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 49304698
Conc: 1.16 ng/ml



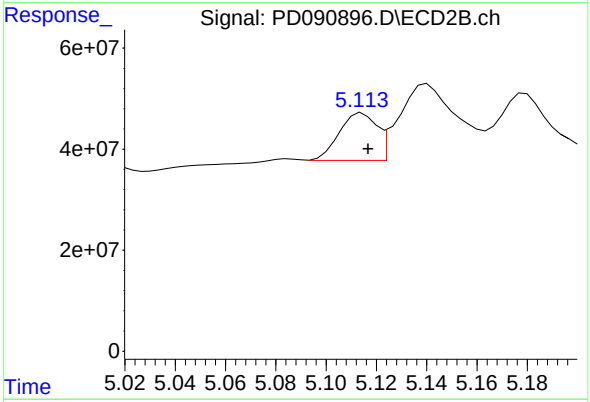
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 18226282
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

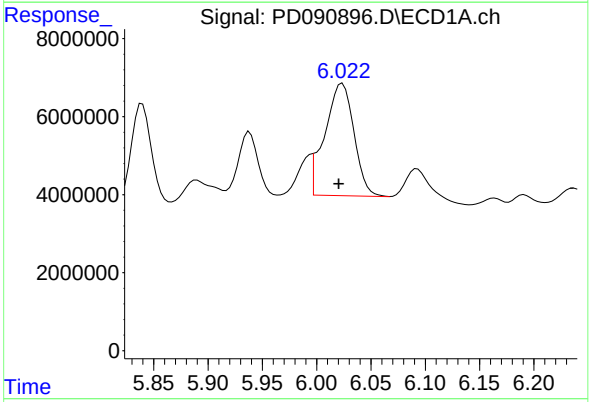
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



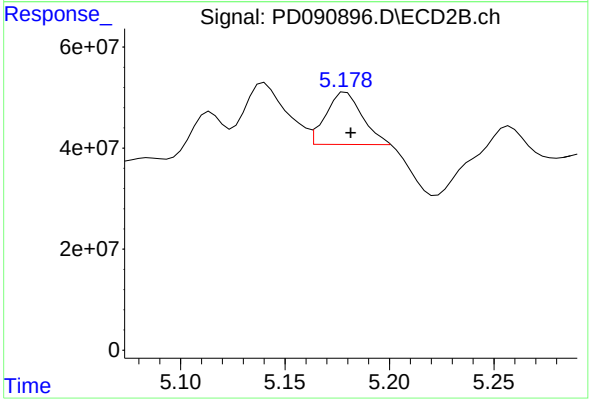
#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 108454919
Conc: 2.41 ng/ml m



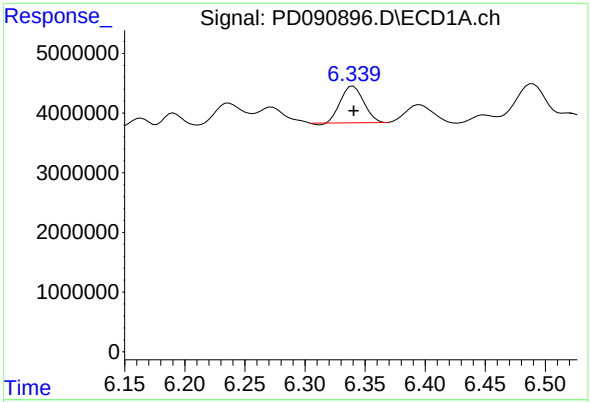
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 52868142
Conc: 8.55 ng/ml m



#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 122928747
Conc: 2.85 ng/ml m



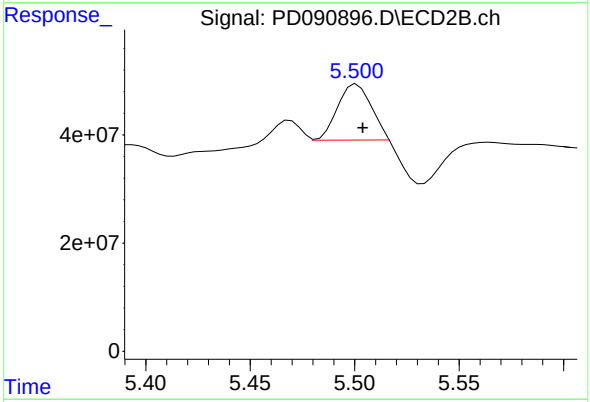
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 8182755
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

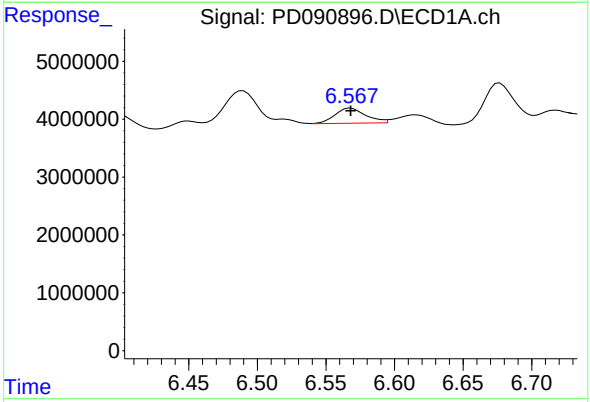
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



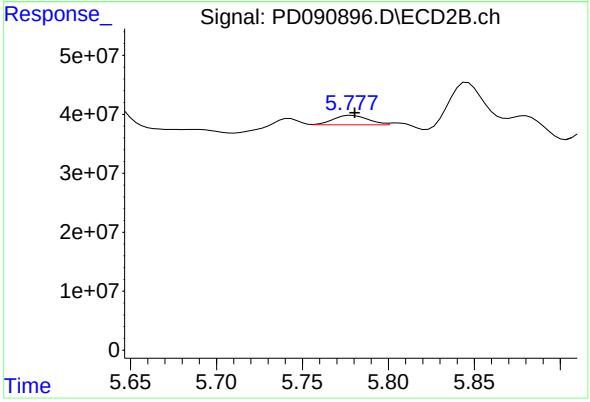
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 114105285
Conc: 2.58 ng/ml m



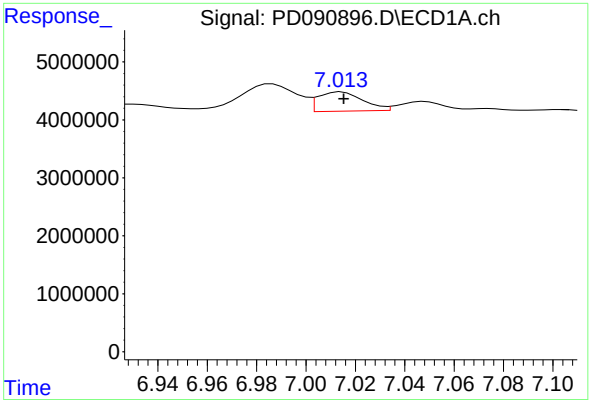
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 4115697
Conc: 0.83 ng/ml m



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 23246362
Conc: 0.57 ng/ml m



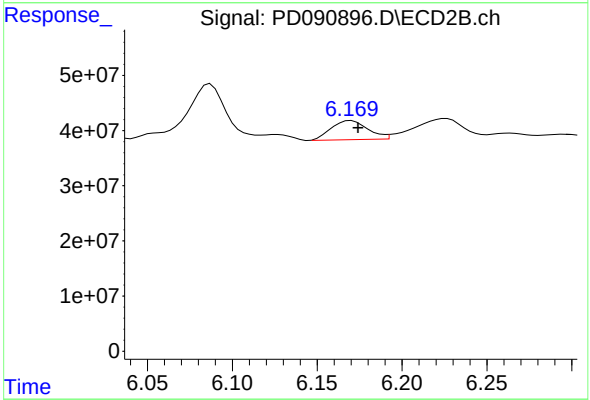
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 4235501
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
B9-0.0-1.0-20251023

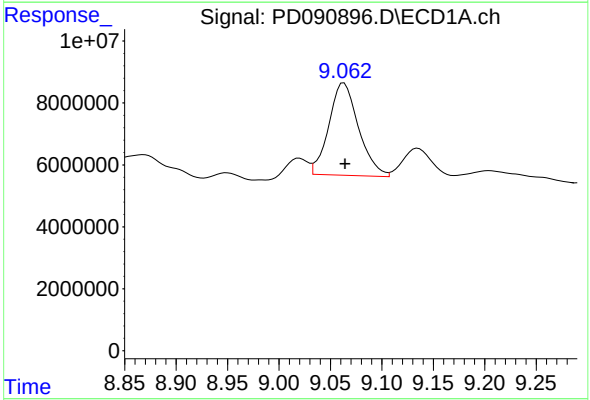
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



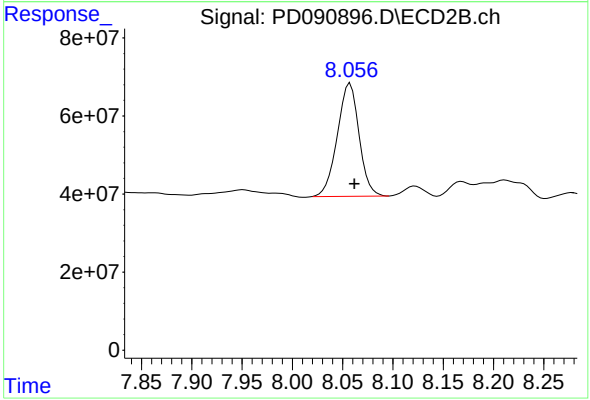
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 51663389
Conc: 1.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 60041782
Conc: 12.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 435322583
Conc: 14.37 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:41
Operator : AR\AJ
Sample : Q3466-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B7-1.0-2.0-20251023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	41732172	410.1E6	13.401	13.773
28)	SA Decachlor...	9.062	8.058	54881875	297.1E6	11.732	9.808
	Target Compounds						

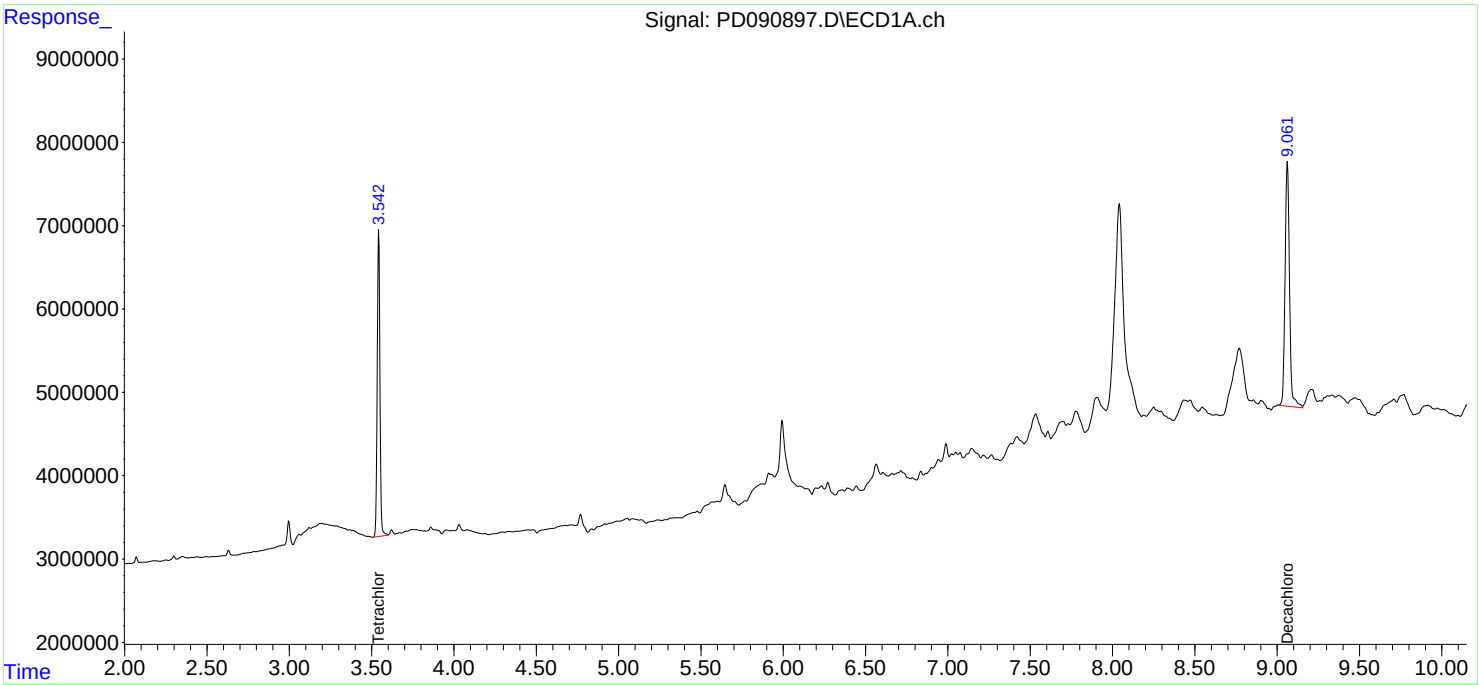
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

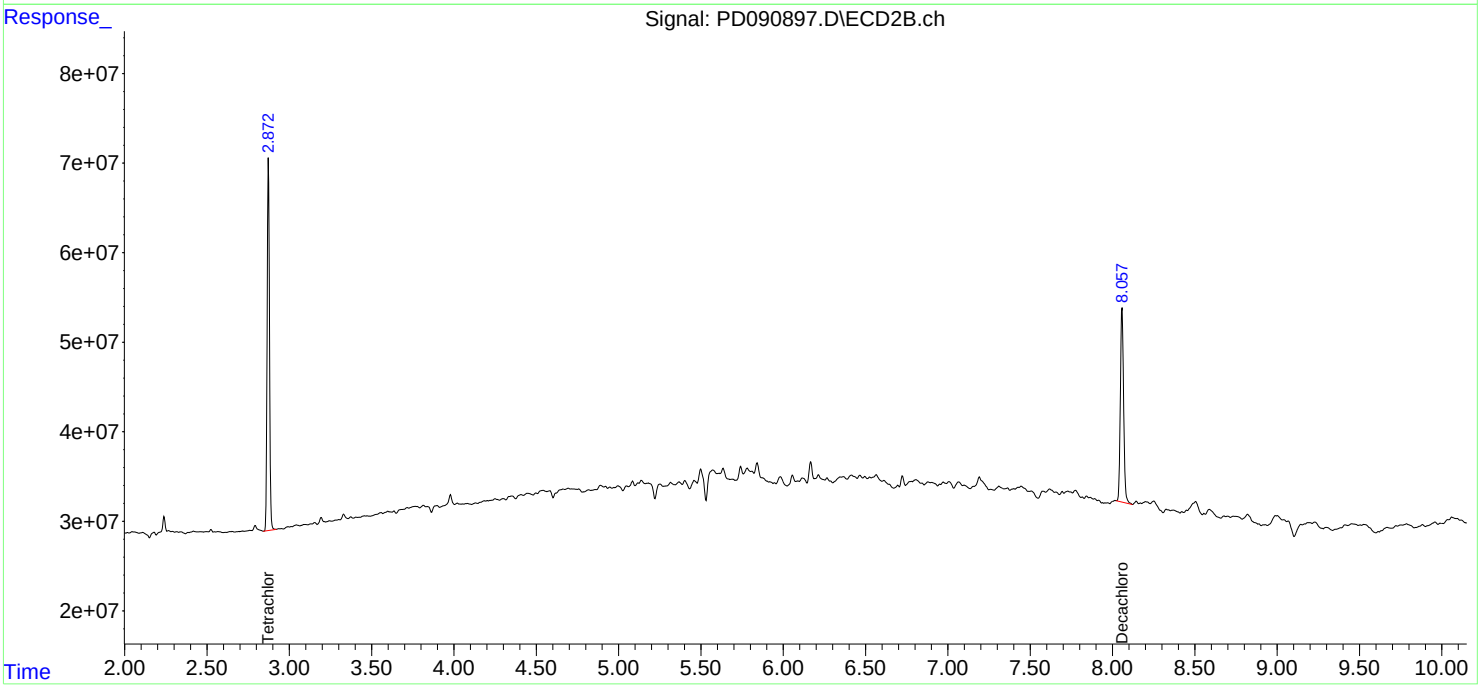
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:41
Operator : AR\AJ
Sample : Q3466-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

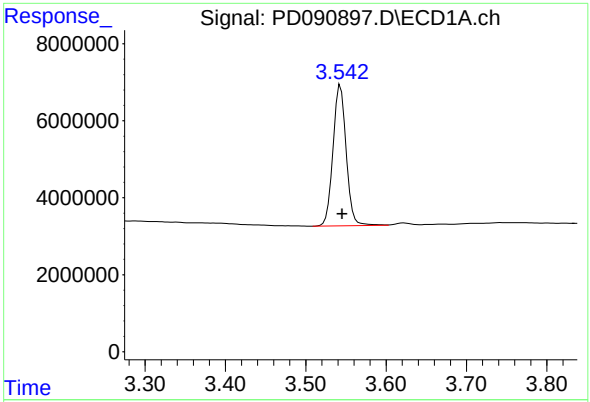
Instrument :
ECD_D
ClientSampleId :
B7-1.0-2.0-20251023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm



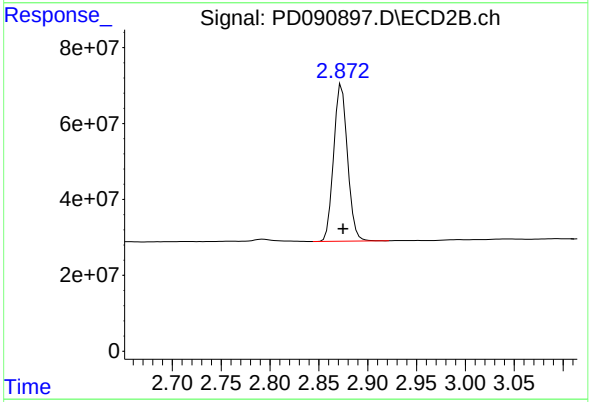




#1 Tetrachloro-m-xylene

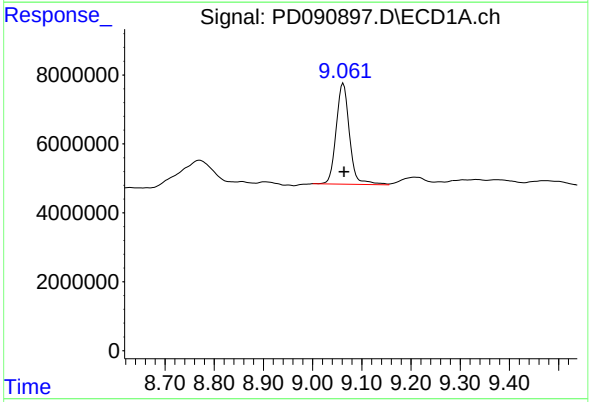
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 41732172
Conc: 13.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
B7-1.0-2.0-20251023



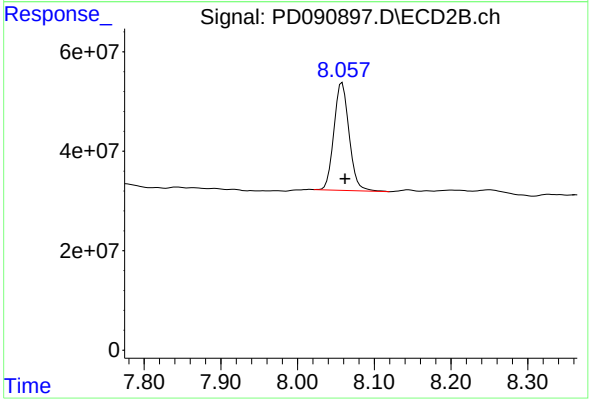
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 410109031
Conc: 13.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 54881875
Conc: 11.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 297100088
Conc: 9.81 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : AR\AJ
Sample : PB170283BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170283BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.551	2.872	59925235	573.0E6	19.243	19.244
28)	SA Decachlor...	9.073	8.060	95959461	673.0E6	20.513	22.217
	Target Compounds						

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

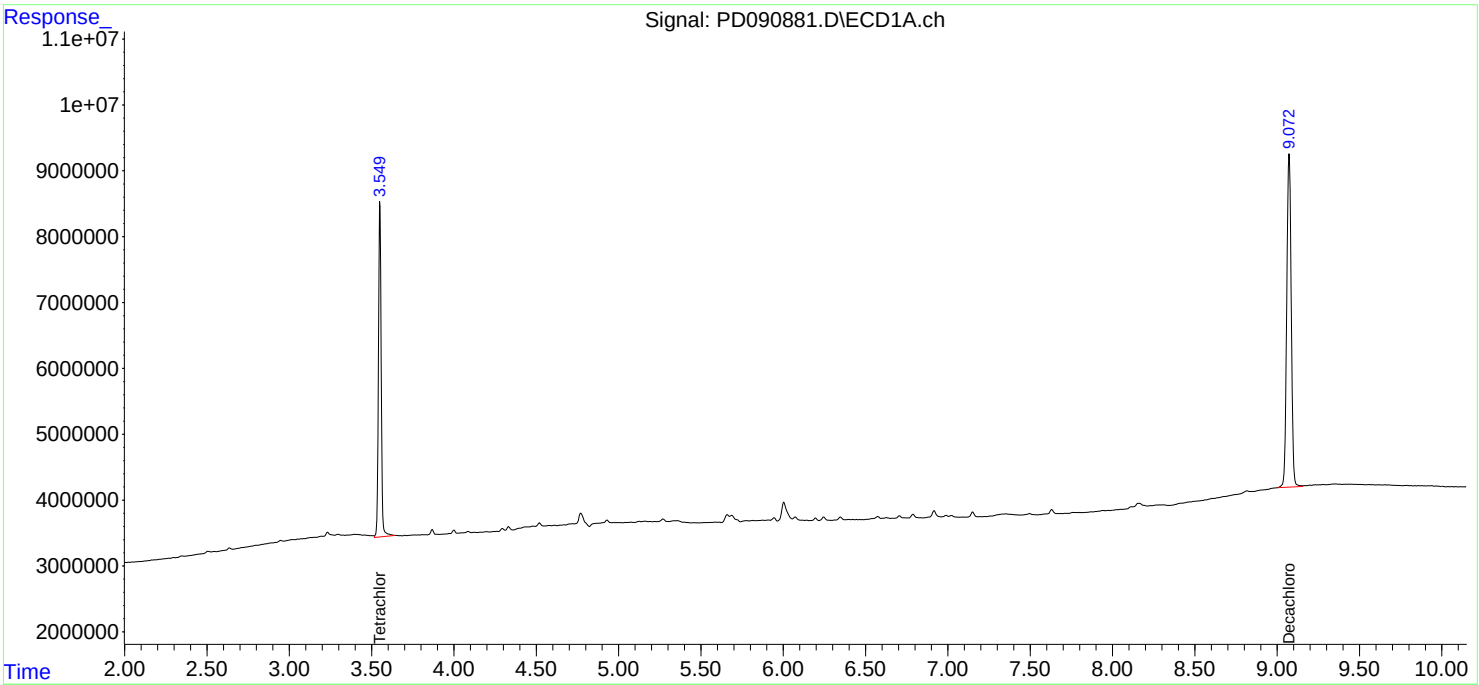
Sample Results: **PD090881.D**

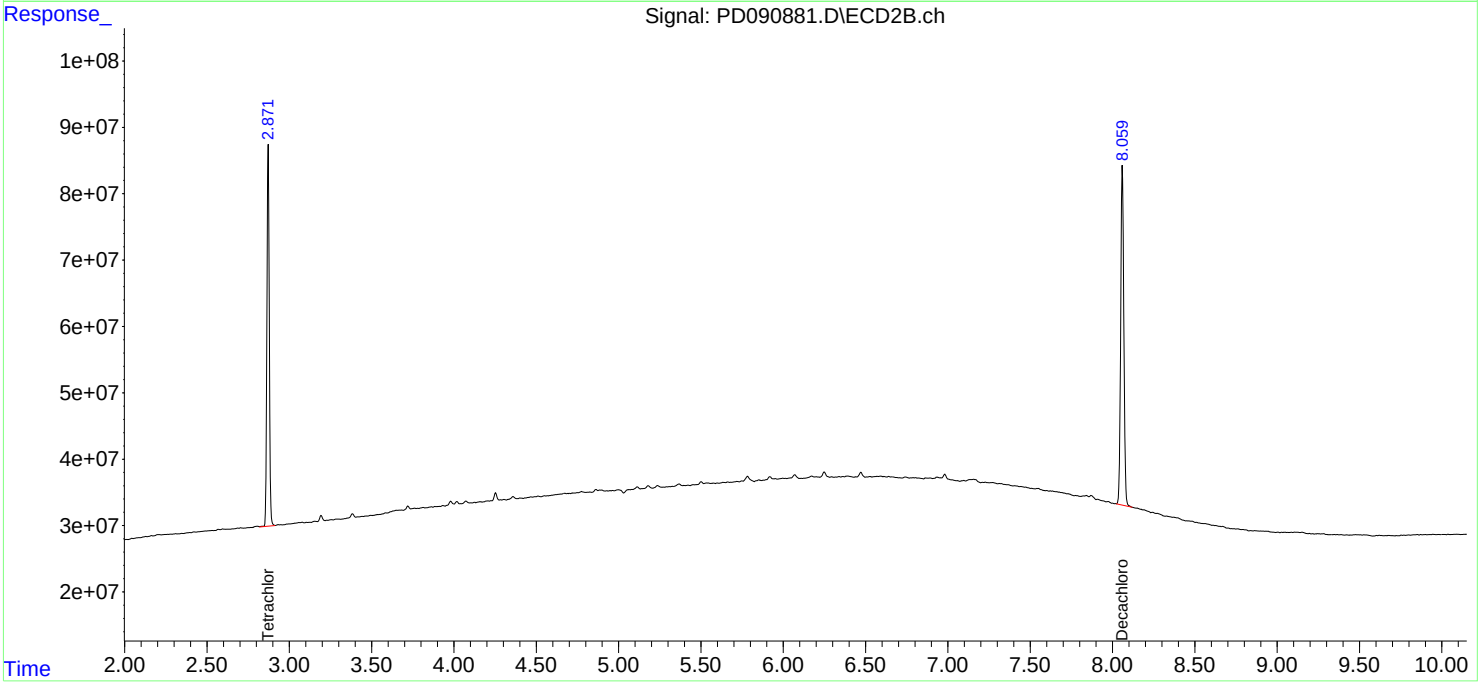
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : AR\AJ
Sample : PB170283BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

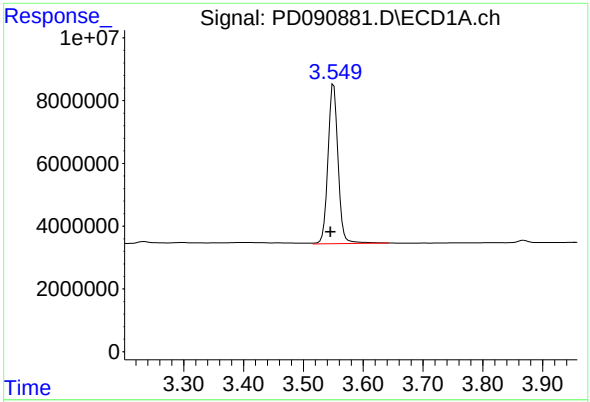
Instrument :
ECD_D
ClientSampleId :
PB170283BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm



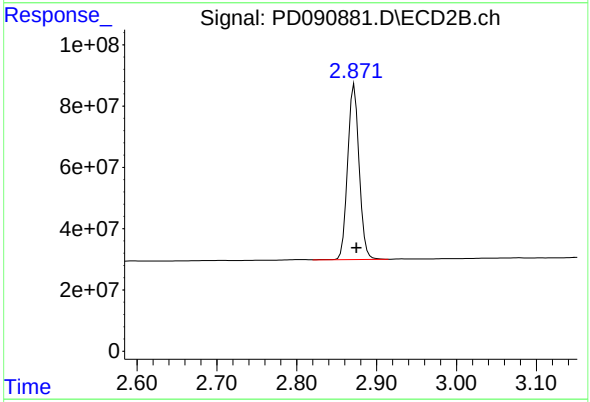




#1 Tetrachloro-m-xylene

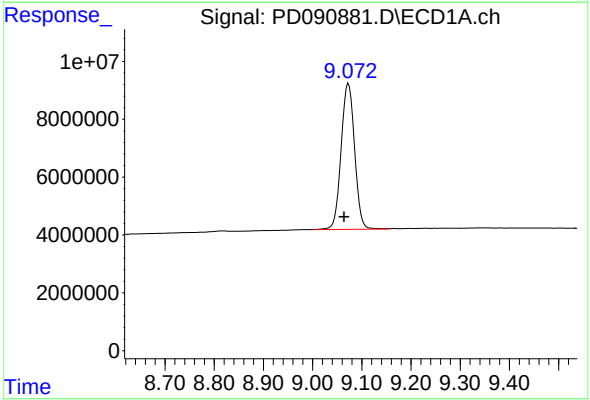
R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 59925235
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170283BL



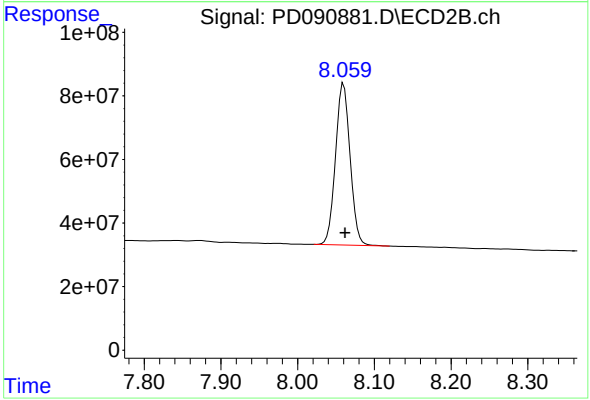
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 573030342
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.009 min
Response: 95959461
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 672975626
Conc: 22.22 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:16
Operator : AR\AJ
Sample : PB170283BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170283BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.873	46004532	444.0E6	14.773	14.910
28)	SA Decachlor...	9.070	8.061	91319434	658.9E6	19.521	21.751
	Target Compounds						
2)	A alpha-BHC	3.999	3.385	340.5E6	2292.9E6	47.443	44.874
3)	MA gamma-BHC...	4.330	3.722	319.4E6	2122.7E6	46.982	44.926
4)	MA Heptachlor	4.928	4.074	312.6E6	2058.8E6	55.923	46.159
5)	MB Aldrin	5.269	4.359	312.8E6	2089.9E6	47.778	45.121
6)	B beta-BHC	4.518	4.018	120.9E6	884.7E6	46.154	44.617
7)	B delta-BHC	4.766	4.254	324.4E6	2164.9E6	47.972	45.370
8)	B Heptachlo...	5.688	4.863	279.9E6	1923.7E6	48.344m	45.116
9)	A Endosulfan I	6.073	5.237	265.8E6	1781.2E6	48.002	45.219
10)	B gamma-Chl...	5.945	5.116	283.8E6	2062.8E6	47.851	45.892
11)	B alpha-Chl...	6.026	5.181	297.7E6	1980.4E6	48.172	45.910
12)	B 4,4'-DDE	6.195	5.365	253.3E6	2025.4E6	47.545	46.203
13)	MA Dieldrin	6.346	5.503	284.5E6	2053.2E6	48.790	46.470
14)	MA Endrin	6.573	5.780	231.0E6	1844.6E6	46.638	45.553
15)	B Endosulfa...	6.785	6.070	239.3E6	1773.9E6	47.864	47.234
16)	A 4,4'-DDD	6.705	5.919	210.5E6	1801.8E6	51.933	49.449
17)	MA 4,4'-DDT	7.020	6.173	194.1E6	1623.6E6	47.230	46.291
18)	B Endrin al...	6.915	6.249	180.3E6	1337.3E6	49.220	48.290
19)	B Endosulfa...	7.149	6.473	222.4E6	1728.8E6	47.948	48.230
20)	A Methoxychlor	7.493	6.744	101.4E6	819.7E6	47.697	47.032
21)	B Endrin ke...	7.630	6.982	245.7E6	1923.4E6	50.560	50.995
22)	Mirex	8.112	7.175	164.2E6	1379.4E6	51.313	53.693

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

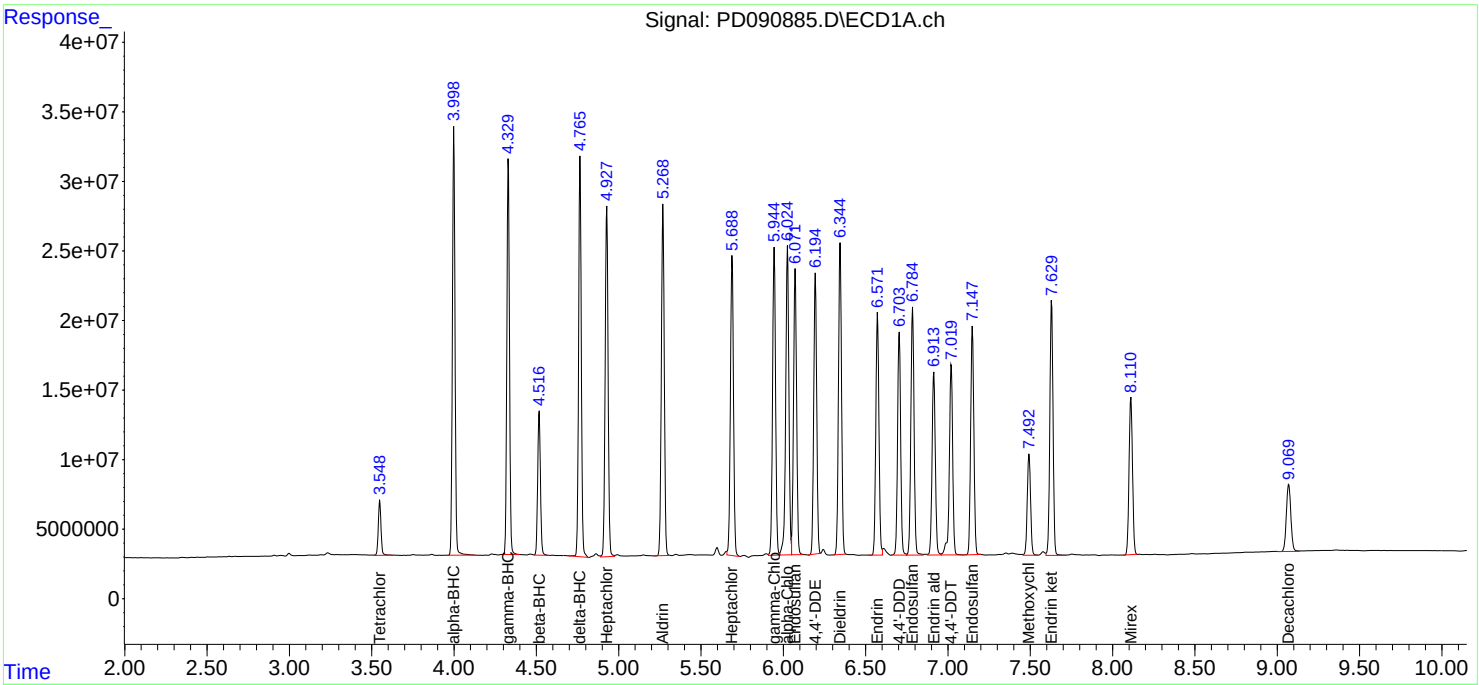
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:16
Operator : AR\AJ
Sample : PB170283BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

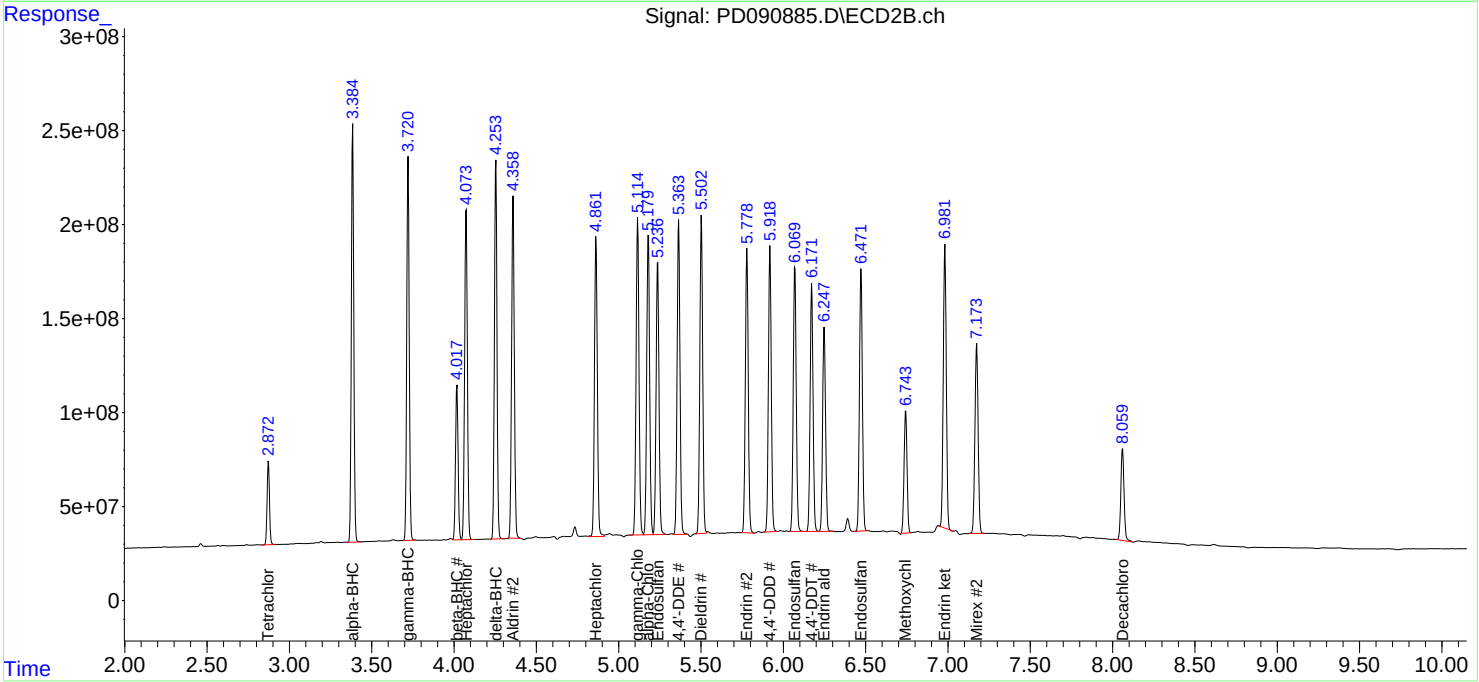
Instrument :
ECD_D
ClientSampleId :
PB170283BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:00
Operator : AR\AJ
Sample : Q3466-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.873	56251685	569.6E6	18.063m	19.128
28)	SA Decachlor...	9.062	8.057	70493079	456.2E6	15.069	15.061
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	356.0E6	2402.3E6	49.603	47.016
3)	MA gamma-BHC...	4.322	3.721	327.2E6	2160.3E6	48.119m	45.721
4)	MA Heptachlor	4.921	4.073	324.7E6	2182.3E6	58.085	48.927
5)	MB Aldrin	5.263	4.358	318.9E6	2112.2E6	48.715	45.600
6)	B beta-BHC	4.511	4.017	116.1E6	962.1E6	44.306	48.520
7)	B delta-BHC	4.759	4.253	338.2E6	2217.2E6	50.019	46.467
8)	B Heptachlo...	5.682	4.861	285.2E6	1956.7E6	49.268	45.889
9)	A Endosulfan I	6.066	5.236	269.9E6	1678.5E6	48.742	42.612
10)	B gamma-Chl...	5.936	5.114	279.4E6	2220.9E6	47.101m	49.410
11)	B alpha-Chl...	6.019	5.179	291.2E6	2053.7E6	47.126	47.607
12)	B 4,4'-DDE	6.189	5.363	249.7E6	2063.4E6	46.874	47.068
13)	MA Dieldrin	6.339	5.501	281.8E6	2213.2E6	48.332	50.090
14)	MA Endrin	6.566	5.776	243.6E6	1878.1E6	49.181	46.380m
15)	B Endosulfa...	6.779	6.069	235.5E6	1918.1E6	47.101	51.073
16)	A 4,4'-DDD	6.698	5.918	214.7E6	1612.1E6	52.949	44.242
17)	MA 4,4'-DDT	7.014	6.171	223.5E6	1881.1E6	54.361	53.633
18)	B Endrin al...	6.908	6.248	178.1E6	1328.4E6	48.627	47.971
19)	B Endosulfa...	7.142	6.471	217.3E6	1704.3E6	46.854	47.546
20)	A Methoxychlor	7.487	6.742	103.0E6	765.4E6	48.475	43.917
21)	B Endrin ke...	7.623	6.980	241.6E6	1679.4E6	49.725	44.525
22)	Mirex	8.104	7.171	147.6E6	1143.8E6	46.113m	44.522m

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

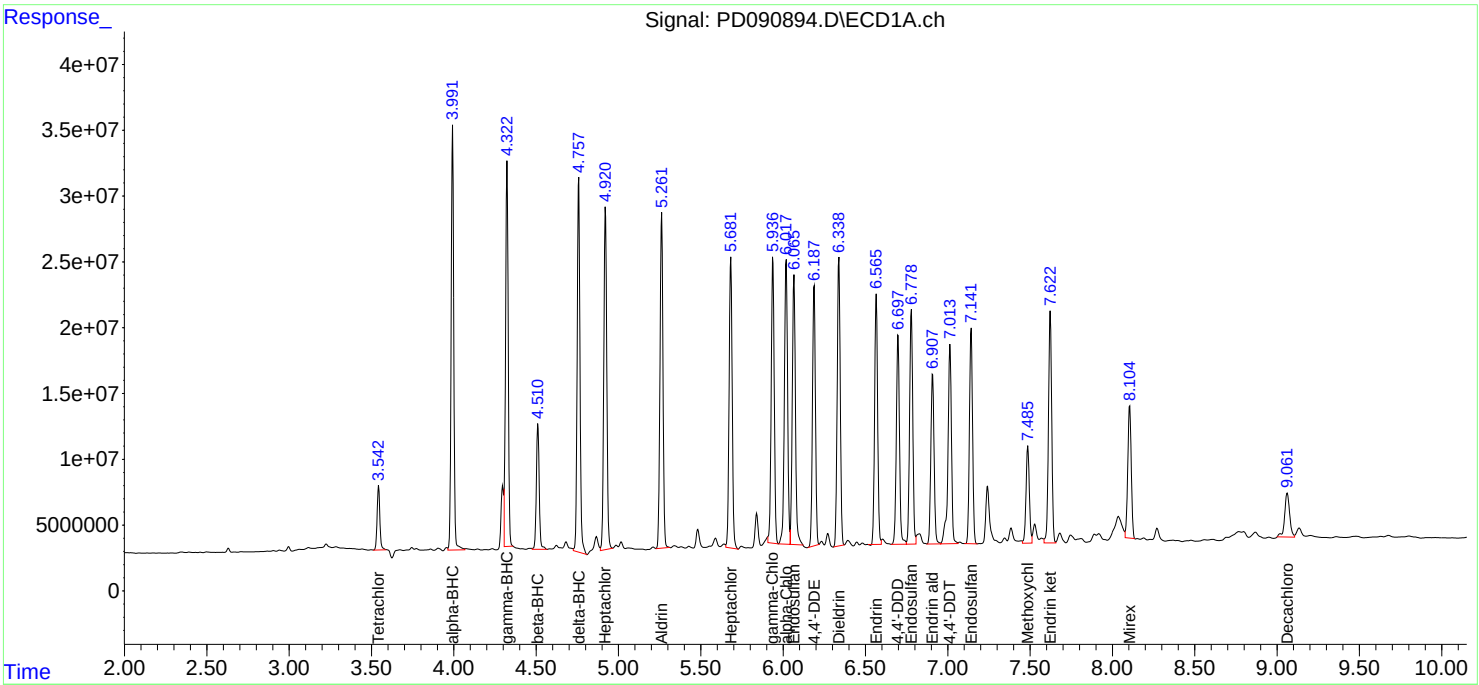
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:00
Operator : AR\AJ
Sample : Q3466-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

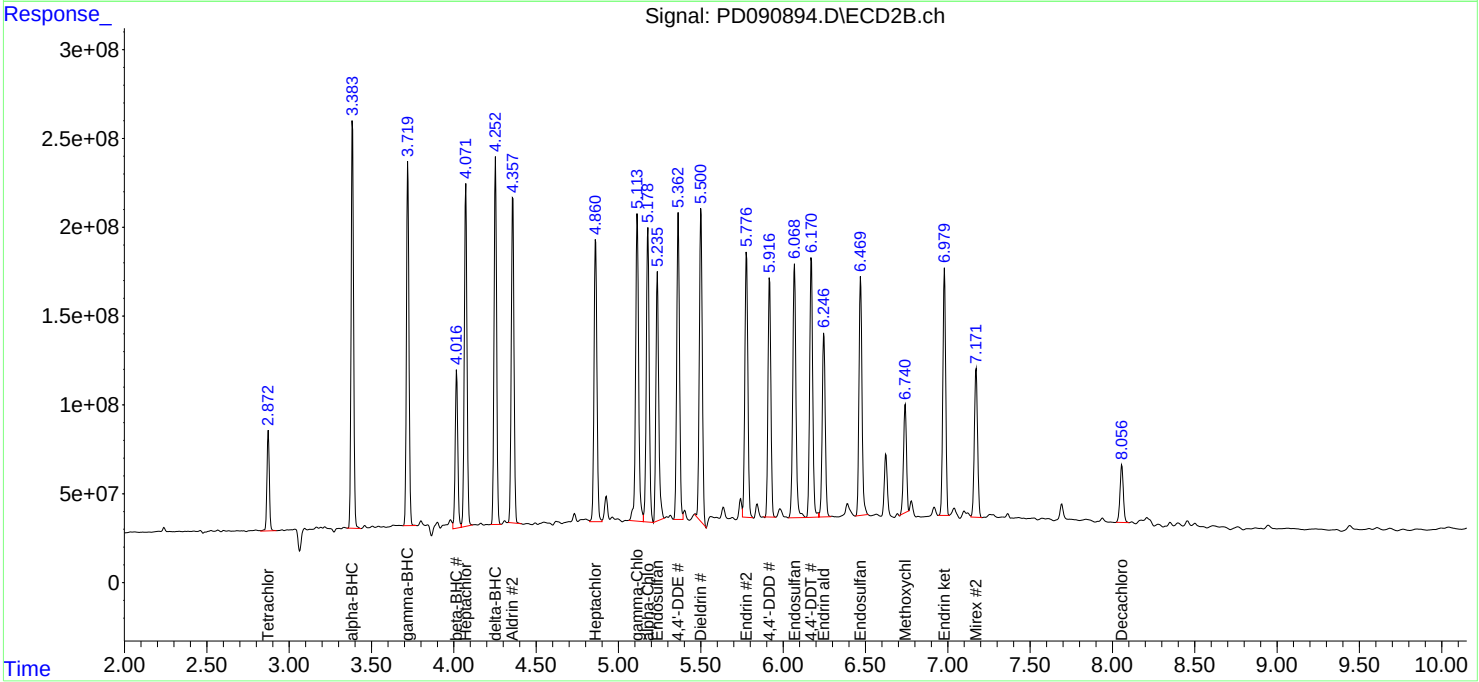
Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





Quantitation Report (QT Reviewed)

Sample Results: **PD090895.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:14
Operator : AR\AJ
Sample : Q3466-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.873	59990670	605.0E6	19.264m	20.317
28)	SA Decachlor...	9.062	8.058	69061444	461.5E6	14.763	15.236
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	380.8E6	2570.5E6	53.053	50.307
3)	MA gamma-BHC...	4.322	3.721	355.8E6	2298.7E6	52.331m	48.652
4)	MA Heptachlor	4.921	4.073	346.3E6	2326.5E6	61.956	52.160
5)	MB Aldrin	5.262	4.358	339.4E6	2238.2E6	51.840	48.323
6)	B beta-BHC	4.511	4.017	122.2E6	1027.0E6	46.640	51.791
7)	B delta-BHC	4.759	4.253	358.6E6	2352.0E6	53.028	49.291
8)	B Heptachlo...	5.683	4.862	304.2E6	2068.0E6	52.540	48.501
9)	A Endosulfan I	6.067	5.237	287.6E6	1771.9E6	51.937	44.983
10)	B gamma-Chl...	5.937	5.115	296.2E6	2347.7E6	49.944m	52.230
11)	B alpha-Chl...	6.019	5.179	313.4E6	2169.5E6	50.707	50.293
12)	B 4,4'-DDE	6.189	5.364	264.0E6	2177.9E6	49.571	49.679
13)	MA Dieldrin	6.339	5.501	298.2E6	2336.0E6	51.134	52.870
14)	MA Endrin	6.566	5.777	258.5E6	1963.6E6	52.181	48.490m
15)	B Endosulfa...	6.779	6.070	249.1E6	1995.6E6	49.822	53.137
16)	A 4,4'-DDD	6.698	5.919	226.5E6	1676.2E6	55.871	46.001
17)	MA 4,4'-DDT	7.013	6.171	238.7E6	1955.6E6	58.082	55.758
18)	B Endrin al...	6.908	6.248	187.6E6	1396.9E6	51.225	50.443
19)	B Endosulfa...	7.143	6.471	227.7E6	1766.6E6	49.102	49.284
20)	A Methoxychlor	7.486	6.742	108.1E6	805.8E6	50.852	46.235
21)	B Endrin ke...	7.622	6.980	255.1E6	1733.1E6	52.508	45.949
22)	Mirex	8.103	7.172	153.1E6	1147.9E6	47.822m	44.682

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

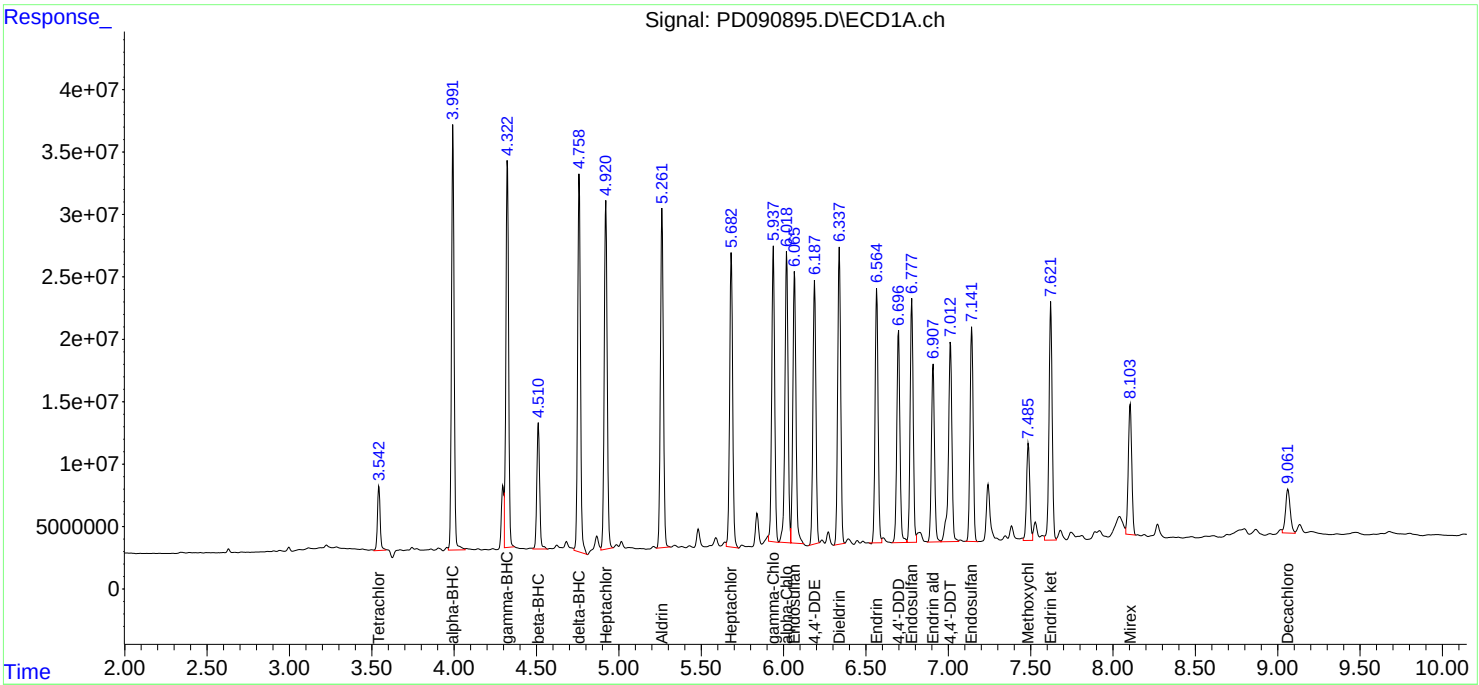
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:14
Operator : AR\AJ
Sample : Q3466-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

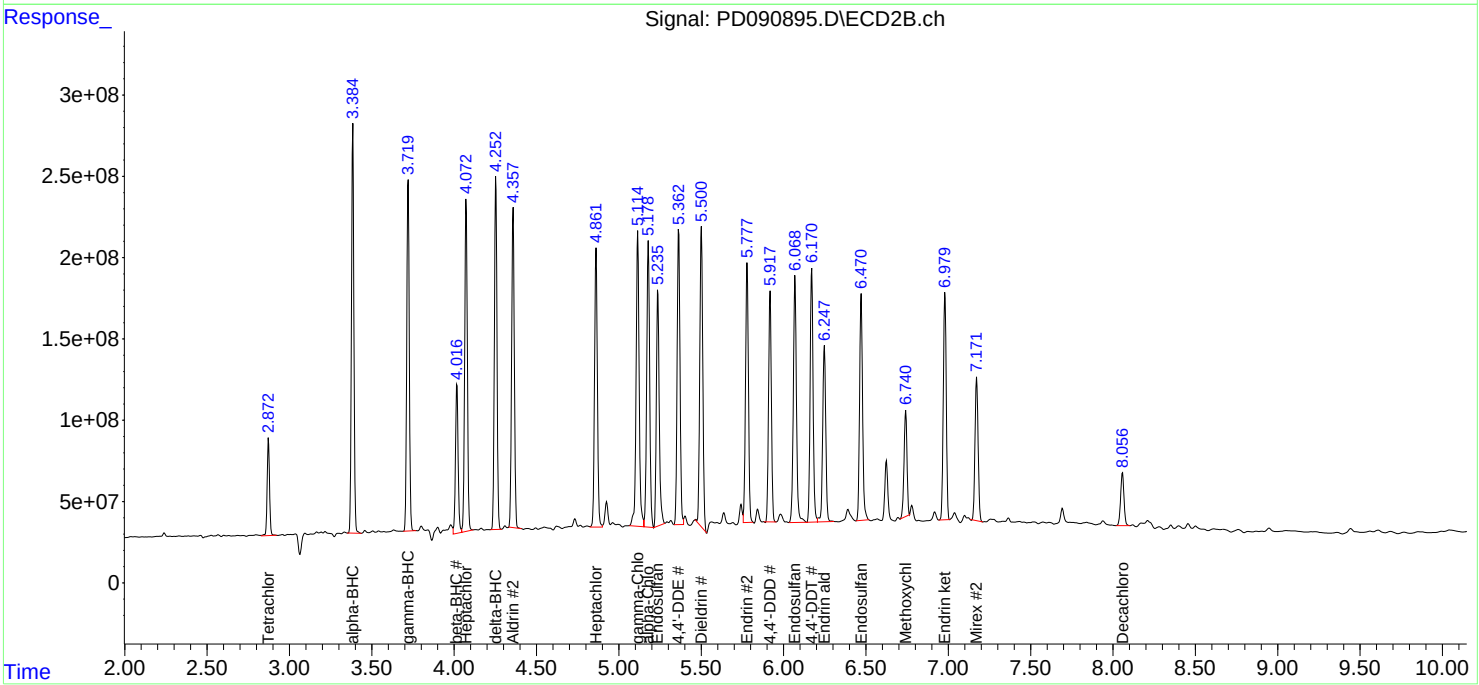
Instrument :
ECD_D
ClientSampleId :
B8-0.0-1.0-20251023MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:46:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





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

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pd102825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090868.D	4,4"-DDE	Abdul	10/29/2025 8:14:23 AM	Sohil	10/29/2025 4:12:45	Peak Integrated by Software
PEM	PD090868.D	4,4"-DDE #2	Abdul	10/29/2025 8:14:23 AM	Sohil	10/29/2025 4:12:45	Peak Integrated by Software
PSTDCCC050	PD090880.D	beta-BHC	Abdul	10/29/2025 8:13:49 AM	Sohil	10/29/2025 4:12:57	Peak Integrated by Software
PSTDCCC050	PD090880.D	Heptachlor epoxide	Abdul	10/29/2025 8:13:49 AM	Sohil	10/29/2025 4:12:57	Peak Integrated by Software
PB170283BS	PD090885.D	Heptachlor epoxide	Abdul	10/29/2025 8:13:45 AM	Sohil	10/29/2025 4:13:00	Peak Integrated by Software
Q3466-02	PD090893.D	4,4"-DDE	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02	PD090893.D	Dieldrin	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02	PD090893.D	Dieldrin #2	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02	PD090893.D	Endrin	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02	PD090893.D	Endrin #2	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02	PD090893.D	Tetrachloro-m-xylene	Abdul	10/29/2025 8:13:34 AM	Sohil	10/29/2025 4:13:05	Peak Integrated by Software
Q3466-02MS	PD090894.D	Endrin #2	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software
Q3466-02MS	PD090894.D	gamma-BHC (Lindane)	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd102825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3466-02MS	PD090894.D	gamma-Chlordane	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software
Q3466-02MS	PD090894.D	Mirex	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software
Q3466-02MS	PD090894.D	Mirex #2	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software
Q3466-02MS	PD090894.D	Tetrachloro-m-xylene	Abdul	10/29/2025 8:13:30 AM	Sohil	10/29/2025 4:13:07	Peak Integrated by Software
Q3466-02MSD	PD090895.D	Endrin #2	Abdul	10/29/2025 8:13:27 AM	Sohil	10/29/2025 4:13:08	Peak Integrated by Software
Q3466-02MSD	PD090895.D	gamma-BHC (Lindane)	Abdul	10/29/2025 8:13:27 AM	Sohil	10/29/2025 4:13:08	Peak Integrated by Software
Q3466-02MSD	PD090895.D	gamma-Chlordane	Abdul	10/29/2025 8:13:27 AM	Sohil	10/29/2025 4:13:08	Peak Integrated by Software
Q3466-02MSD	PD090895.D	Mirex	Abdul	10/29/2025 8:13:27 AM	Sohil	10/29/2025 4:13:08	Peak Integrated by Software
Q3466-02MSD	PD090895.D	Tetrachloro-m-xylene	Abdul	10/29/2025 8:13:27 AM	Sohil	10/29/2025 4:13:08	Peak Integrated by Software
Q3466-05	PD090896.D	alpha-Chlordane	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	alpha-Chlordane #2	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	Dieldrin #2	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	Endrin	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd102825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3466-05	PD090896.D	Endrin #2	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	gamma-Chlordane #2	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	Heptachlor epoxide	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software
Q3466-05	PD090896.D	Tetrachloro-m-xylene	Abdul	10/29/2025 8:13:24 AM	Sohil	10/29/2025 4:13:10	Peak Integrated by Software

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM		
SubDirectory	PD102825	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090866.D	28 Oct 2025 09:28	AR\AJ	Ok
2	I.BLK	PD090867.D	28 Oct 2025 09:42	AR\AJ	Ok
3	PEM	PD090868.D	28 Oct 2025 09:55	AR\AJ	Ok,M
4	PSTDCCC050	PD090869.D	28 Oct 2025 10:46	AR\AJ	Ok
5	PB170270BL	PD090870.D	28 Oct 2025 10:59	AR\AJ	Not Ok
6	PB170270BS	PD090871.D	28 Oct 2025 11:13	AR\AJ	Not Ok
7	PB170239TB	PD090872.D	28 Oct 2025 11:27	AR\AJ	Not Ok
8	Q3447-02	PD090873.D	28 Oct 2025 11:40	AR\AJ	Ok
9	Q3447-02MS	PD090874.D	28 Oct 2025 11:54	AR\AJ	Ok,M
10	Q3447-02MSD	PD090875.D	28 Oct 2025 12:08	AR\AJ	Ok,M
11	Q3447-04	PD090876.D	28 Oct 2025 12:21	AR\AJ	Ok,M
12	Q3447-06	PD090877.D	28 Oct 2025 12:35	AR\AJ	Ok
13	Q3447-08	PD090878.D	28 Oct 2025 12:48	AR\AJ	Ok,M
14	I.BLK	PD090879.D	28 Oct 2025 13:16	AR\AJ	Ok
15	PSTDCCC050	PD090880.D	28 Oct 2025 13:50	AR\AJ	Ok,M
16	PB170283BL	PD090881.D	28 Oct 2025 14:35	AR\AJ	Ok
17	PB170283BS	PD090882.D	28 Oct 2025 15:21	AR\AJ	Not Ok
18	PB170239TB	PD090883.D	28 Oct 2025 15:42	AR\AJ	Ok
19	PB170270BS	PD090884.D	28 Oct 2025 15:55	AR\AJ	Ok
20	PB170283BS	PD090885.D	28 Oct 2025 16:16	AR\AJ	Ok,M
21	Q3465-01	PD090886.D	28 Oct 2025 16:30	AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM		
SubDirectory	PD102825	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170287BL	PD090887.D	28 Oct 2025 16:43	AR\AJ	Ok
23	PB170287BS	PD090888.D	28 Oct 2025 16:57	AR\AJ	Ok
24	PB170287BSD	PD090889.D	28 Oct 2025 17:11	AR\AJ	Ok
25	Q3434-02	PD090890.D	28 Oct 2025 17:24	AR\AJ	Ok,M
26	I.BLK	PD090891.D	28 Oct 2025 17:38	AR\AJ	Ok
27	PSTDCCC050	PD090892.D	28 Oct 2025 17:52	AR\AJ	Ok
28	Q3466-02	PD090893.D	28 Oct 2025 18:46	AR\AJ	Ok,M
29	Q3466-02MS	PD090894.D	28 Oct 2025 19:00	AR\AJ	Ok,M
30	Q3466-02MSD	PD090895.D	28 Oct 2025 19:14	AR\AJ	Ok,M
31	Q3466-05	PD090896.D	28 Oct 2025 19:27	AR\AJ	Ok,M
32	Q3466-07	PD090897.D	28 Oct 2025 19:41	AR\AJ	Ok
33	Q3469-01	PD090898.D	28 Oct 2025 19:55	AR\AJ	Ok,M
34	Q3472-16	PD090899.D	28 Oct 2025 20:08	AR\AJ	Ok,M
35	I.BLK	PD090900.D	28 Oct 2025 20:22	AR\AJ	Ok
36	PEM	PD090901.D	28 Oct 2025 20:36	AR\AJ	Ok
37	PSTDCCC050	PD090902.D	28 Oct 2025 21:58	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM		
SubDirectory	PD102825	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090866.D	28 Oct 2025 09:28		AR\AJ	Ok
2	I.BLK	I.BLK	PD090867.D	28 Oct 2025 09:42		AR\AJ	Ok
3	PEM	PEM	PD090868.D	28 Oct 2025 09:55		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090869.D	28 Oct 2025 10:46		AR\AJ	Ok
5	PB170270BL	PB170270BL	PD090870.D	28 Oct 2025 10:59	TCMX high in both column , DCB high in 2nd column	AR\AJ	Not Ok
6	PB170270BS	PB170270BS	PD090871.D	28 Oct 2025 11:13	RECOVERY FAIL.	AR\AJ	Not Ok
7	PB170239TB	PB170239TB	PD090872.D	28 Oct 2025 11:27	DCB and TCMX high in 2nd column	AR\AJ	Not Ok
8	Q3447-02	P001-TW1-251023-01	PD090873.D	28 Oct 2025 11:40		AR\AJ	Ok
9	Q3447-02MS	P001-TW1-251023-01M	PD090874.D	28 Oct 2025 11:54		AR\AJ	Ok,M
10	Q3447-02MSD	P001-TW1-251023-01M	PD090875.D	28 Oct 2025 12:08		AR\AJ	Ok,M
11	Q3447-04	P001-TW2-251023-01	PD090876.D	28 Oct 2025 12:21		AR\AJ	Ok,M
12	Q3447-06	P001-TW3-251023-01	PD090877.D	28 Oct 2025 12:35		AR\AJ	Ok
13	Q3447-08	P001-TW4-251023-01	PD090878.D	28 Oct 2025 12:48		AR\AJ	Ok,M
14	I.BLK	I.BLK	PD090879.D	28 Oct 2025 13:16		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD090880.D	28 Oct 2025 13:50		AR\AJ	Ok,M
16	PB170283BL	PB170283BL	PD090881.D	28 Oct 2025 14:35		AR\AJ	Ok
17	PB170283BS	PB170283BS	PD090882.D	28 Oct 2025 15:21	RECOVERY FAIL.	AR\AJ	Not Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM		
SubDirectory	PD102825	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB170239TB	PB170239TB	PD090883.D	28 Oct 2025 15:42		AR\AJ	Ok
19	PB170270BS	PB170270BS	PD090884.D	28 Oct 2025 15:55		AR\AJ	Ok
20	PB170283BS	PB170283BS	PD090885.D	28 Oct 2025 16:16		AR\AJ	Ok,M
21	Q3465-01	SU-03-10242025	PD090886.D	28 Oct 2025 16:30		AR\AJ	Ok
22	PB170287BL	PB170287BL	PD090887.D	28 Oct 2025 16:43		AR\AJ	Ok
23	PB170287BS	PB170287BS	PD090888.D	28 Oct 2025 16:57		AR\AJ	Ok
24	PB170287BSD	PB170287BSD	PD090889.D	28 Oct 2025 17:11		AR\AJ	Ok
25	Q3434-02	PR132-WC2-20251022	PD090890.D	28 Oct 2025 17:24		AR\AJ	Ok,M
26	I.BLK	I.BLK	PD090891.D	28 Oct 2025 17:38		AR\AJ	Ok
27	PSTDCCC050	PSTDCCC050	PD090892.D	28 Oct 2025 17:52		AR\AJ	Ok
28	Q3466-02	B8-0.0-1.0-20251023	PD090893.D	28 Oct 2025 18:46		AR\AJ	Ok,M
29	Q3466-02MS	B8-0.0-1.0-20251023M	PD090894.D	28 Oct 2025 19:00		AR\AJ	Ok,M
30	Q3466-02MSD	B8-0.0-1.0-20251023M	PD090895.D	28 Oct 2025 19:14		AR\AJ	Ok,M
31	Q3466-05	B9-0.0-1.0-20251023	PD090896.D	28 Oct 2025 19:27		AR\AJ	Ok,M
32	Q3466-07	B7-1.0-2.0-20251023	PD090897.D	28 Oct 2025 19:41		AR\AJ	Ok
33	Q3469-01	TP-13	PD090898.D	28 Oct 2025 19:55		AR\AJ	Ok,M
34	Q3472-16	142	PD090899.D	28 Oct 2025 20:08		AR\AJ	Ok,M
35	I.BLK	I.BLK	PD090900.D	28 Oct 2025 20:22		AR\AJ	Ok
36	PEM	PEM	PD090901.D	28 Oct 2025 20:36		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD102825

Review By	Abdul	Review On	10/29/2025 8:15:04 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:13:32 PM		
SubDirectory	PD102825	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	PSTDCCC050	PSTDCCC050	PD090902.D	28 Oct 2025 21:58		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170283

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/28/2025

Extraction Start Time : 08:36

Extraction End Date : 10/28/2025

Extraction End Time : 11:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3978
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721. Q3472-16 used Limited volume as sample is oil.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/25	RS (Ext-lab)	R. Patel / PCB Lab
11:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170283

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/28/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170283BL	PBLK283	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U6-1
PB170283BS	PLCS283	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
Q3465-01	SU-03-10242025	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q3466-02	B8-0.0-1.0-20251023	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	B		4
Q3466-02MS	B8-0.0-1.0-20251023MS	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	B		5
Q3466-02MSD	B8-0.0-1.0-20251023MSD	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	B		6
Q3466-05	B9-0.0-1.0-20251023	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	A		U1-1
Q3466-07	B7-1.0-2.0-20251023	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	B		2
Q3469-01	TP-13	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	B		3
Q3472-16	142	Pesticide-TCL	1.04	N/A	ritesh	Evelyn	10	B	Oil	

RS 10/28

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

17028-
8:36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3466 **WorkList ID :** 192722 **Department :** Extraction **Date :** 10-28-2025 08:31:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3465-01	SU-03-10242025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D31	10/24/2025	8081B
Q3466-02	B8-0.0-1.0-20251023	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	10/23/2025	8081B
Q3466-05	B9-0.0-1.0-20251023	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	10/23/2025	8081B
Q3466-07	B7-1.0-2.0-20251023	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	10/23/2025	8081B
Q3469-01	TP-13	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/25/2025	8081B
Q3472-16	142	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/27/2025	8081B

Date/Time 10/28/25 8:31

Raw Sample Received by: RJ CLIENT (COC)

Raw Sample Relinquished by:

Date/Time 10/28/25 9:00

Raw Sample Received by:

Raw Sample Relinquished by: RJ CLIENT (COC)

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

LAB CHRONICLE

OrderID:	Q3466	**OrderDate:**	10/24/2025 3:18:10 PM
Client:	HDR, Inc.	**Project:**	PVWC Linear Construction
Contact:	Andrew Wadden	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3466-02	**B8-0.0-1.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			Pesticide-TCL	8081B		10/28/25	10/28/25	
Q3466-05	**B9-0.0-1.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			Pesticide-TCL	8081B		10/28/25	10/28/25	
Q3466-07	**B7-1.0-2.0-20251023**	**SOIL**			**10/23/25**			**10/24/25**
			Pesticide-TCL	8081B		10/28/25	10/28/25	