



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

Hit Summary Sheet
SW-846

SDG No.: Q3399

Order ID: Q3399

Client: ICE Service Group, Inc.

Project ID: NWIRP Northrup Grumman Site – Be

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

Total Concentration: 0.000

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



SAMPLE DATA



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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/22/25
Client Sample ID:	PB170172TB		SDG No.:	Q3399
Lab Sample ID:	PB170172TB		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 17:58	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 17:58	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 17:58	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 17:58	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 17:58	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 17:58	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 17:58	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.2			30 - 135		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.9			44 - 124		104%	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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF		SDG No.:	Q3399
Lab Sample ID:	Q3399-02		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 15:54	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 15:54	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 15:54	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 15:54	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 15:54	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 15:54	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 15:54	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.1			30 - 135		101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.6			44 - 124		98%	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

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
Q3399-02	COMP-ROLLOFF	Decachlorobiphen	1	20	18.5	93		30	135
		Tetrachloro-m-xyl	1	20	19.6	98		44	124
		Decachlorobiphen	2	20	20.1	101		30	135
		Tetrachloro-m-xyl	2	20	19.2	96		44	124
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
PB170218BL	PB170218BL	Decachlorobiphen	1	20	20.4	102		30	135
		Tetrachloro-m-xyl	1	20	19.5	98		44	124
		Decachlorobiphen	2	20	22.3	112		30	135
		Tetrachloro-m-xyl	2	20	20.1	101		44	124
PB170218BS	PB170218BS	Decachlorobiphen	1	20	21.1	106		30	135
		Tetrachloro-m-xyl	1	20	16.9	85		44	124
		Decachlorobiphen	2	20	23.4	117		30	135
		Tetrachloro-m-xyl	2	20	17.3	86		44	124
PB170172TB	PB170172TB	Decachlorobiphen	1	20	21.7	108		30	135
		Tetrachloro-m-xyl	1	20	20.1	100		44	124
		Decachlorobiphen	2	20	24.2	121		30	135
		Tetrachloro-m-xyl	2	20	20.9	104		44	124
Q3399-02MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	19.1	96		30	135
		Tetrachloro-m-xyl	1	20	21.4	107		44	124
		Decachlorobiphen	2	20	21.2	106		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-02MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	19.2	96		30	135
		Tetrachloro-m-xyl	1	20	21.1	106		44	124
		Decachlorobiphen	2	20	20.7	104		30	135
		Tetrachloro-m-xyl	2	20	20.1	100		44	124
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090770.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3399-02MS	Client Sample ID:		COMP-ROLLOFFMS								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				59	134	
	Heptachlor	5	0	5.90	ug/L	118				54	130	
	Heptachlor epoxide	5	0	5.00	ug/L	100				61	133	
	Endrin	5	0	5.10	ug/L	102				60	138	
	Methoxychlor	5	0	5.20	ug/L	104				54	145	
Lab Sample ID:	Q3399-02MS	Client Sample ID:		COMP-ROLLOFFMS								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				59	134	
	Heptachlor	5	0	4.90	ug/L	98				54	130	
	Heptachlor epoxide	5	0	4.90	ug/L	98				61	133	
	Endrin	5	0	5.00	ug/L	100				60	138	
	Methoxychlor	5	0	5.40	ug/L	108				54	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PD090771.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3399-02MSD	Client Sample ID:		COMP-ROLLOFFMSD								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		59	134	20
	Heptachlor	5	0	5.80	ug/L	116		2		54	130	20
	Heptachlor epoxide	5	0	5.40	ug/L	108		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		2		60	138	20
	Methoxychlor	5	0	5.20	ug/L	104		0		54	145	20
Lab Sample ID:	Q3399-02MSD	Client Sample ID:		COMP-ROLLOFFMSD								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.70	ug/L	94		2		59	134	20
	Heptachlor	5	0	4.80	ug/L	96		2		54	130	20
	Heptachlor epoxide	5	0	5.30	ug/L	106		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		0		60	138	20
	Methoxychlor	5	0	5.30	ug/L	106		2		54	145	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ICE Service Group, Inc.</u>	Datafile :	<u>PD090766.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170218BS (Column 1)	gamma-BHC (Lindane)	0.5	0.44	ug/L	88				59	134		
	Heptachlor	0.5	0.52	ug/L	105				54	130		
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133		
	Endrin	0.5	0.45	ug/L	89				60	138		
	Methoxychlor	0.5	0.46	ug/L	91				54	145		
PB170218BS (Column 2)	gamma-BHC (Lindane)	0.5	0.45	ug/L	90				59	134		
	Heptachlor	0.5	0.46	ug/L	92				54	130		
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133		
	Endrin	0.5	0.46	ug/L	92				60	138		
	Methoxychlor	0.5	0.48	ug/L	95				54	145		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170218BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170218BL

Lab File ID: PD090765.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025

Date Analyzed (2): 10/22/2025

Time Analyzed (1): 17:30

Time Analyzed (2): 17:30

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
COMP-ROLLOFF	Q3399-02	PD090759.D	10/22/2025	10/22/2025
PB170218BS	PB170218BS	PD090766.D	10/22/2025	10/22/2025
PB170172TB	PB170172TB	PD090767.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-02MS	PD090770.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PD090771.D	10/22/2025	10/22/2025

COMMENTS: _____



QC SAMPLE DATA



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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170218BL		SDG No.:	Q3399
Lab Sample ID:	PB170218BL		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25 17:30	PB170218
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25 17:30	PB170218
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25 17:30	PB170218
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25 17:30	PB170218
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25 17:30	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:30	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:30	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	22.3			30 - 135		112%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.1			44 - 124		101%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		TCLP Pesticide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		TCLP Pesticide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		TCLP Pesticide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		TCLP Pesticide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	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

Report of Analysis

Client: ICE Service Group, Inc.	Date Collected:	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID: PB170218BS	SDG No.:	Q3399
Lab Sample ID: PB170218BS	Matrix:	TCLP
Analytical Method: 8081B	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	TCLP Pesticide
Prep Method: SW3510	Final Vol: 10000 uL	
	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.45		1	0.0037	0.010	0.050	ug/L	10/22/25 17:44	PB170218
76-44-8	Heptachlor	0.52		1	0.0027	0.010	0.050	ug/L	10/22/25 17:44	PB170218
1024-57-3	Heptachlor epoxide	0.45		1	0.0096	0.025	0.050	ug/L	10/22/25 17:44	PB170218
72-20-8	Endrin	0.46		1	0.0032	0.010	0.050	ug/L	10/22/25 17:44	PB170218
72-43-5	Methoxychlor	0.48		1	0.011	0.025	0.050	ug/L	10/22/25 17:44	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:44	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:44	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	23.4			30 - 135		117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			44 - 124		86%	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



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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS		SDG No.:	Q3399
Lab Sample ID:	Q3399-02MS		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	5.00		1	0.037	0.10	0.50	ug/L	10/22/25 18:38	PB170218
76-44-8	Heptachlor	5.90		1	0.027	0.10	0.50	ug/L	10/22/25 18:38	PB170218
1024-57-3	Heptachlor epoxide	5.00		1	0.096	0.25	0.50	ug/L	10/22/25 18:38	PB170218
72-20-8	Endrin	5.10		1	0.032	0.10	0.50	ug/L	10/22/25 18:38	PB170218
72-43-5	Methoxychlor	5.40		1	0.11	0.25	0.50	ug/L	10/22/25 18:38	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:38	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:38	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.2			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			44 - 124		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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD		SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	4.90		1	0.037	0.10	0.50	ug/L	10/22/25 18:52	PB170218
76-44-8	Heptachlor	5.80		1	0.027	0.10	0.50	ug/L	10/22/25 18:52	PB170218
1024-57-3	Heptachlor epoxide	5.40		1	0.096	0.25	0.50	ug/L	10/22/25 18:52	PB170218
72-20-8	Endrin	5.00		1	0.032	0.10	0.50	ug/L	10/22/25 18:52	PB170218
72-43-5	Methoxychlor	5.30		1	0.11	0.25	0.50	ug/L	10/22/25 18:52	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:52	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:52	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.7			30 - 135		104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			44 - 124		106%	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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

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 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

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 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance
Contract: ICES02

Lab Code: ACE
SDG NO.: Q3399

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		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.71	4.61	4.81	185217000
		2	5.24	5.14	5.34	185731000
		3	5.94	5.84	6.04	758191000
		4	6.03	5.93	6.13	917583000
		5	6.87	6.77	6.97	148478000
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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

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		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.90	3.80	4.00	1210370000
		2	4.48	4.38	4.58	1263780000
		3	5.12	5.02	5.22	3771830000
		4	5.18	5.08	5.28	3251870000
		5	6.08	5.98	6.18	1460510000
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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 14:59

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 14:59

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	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
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 17:17

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 17:17

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	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
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 19:19

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 19:19

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	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
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

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

Client Sample No. (PEM): PEM - PD090754.D Date Analyzed: 10/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

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

Client Sample No. (PEM): PEM - PD090754.D Date Analyzed: 10/22/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	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 #
IBLK	IBLK	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
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICCC005	PSTDICCC005	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
IBLK	IBLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	9.07	3.55
IBLK	IBLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	9.07	3.54
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	9.07	3.54
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	9.07	3.55
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	9.07	3.54
IBLK	IBLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	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 #
IBLK	IBLK	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
IBLK	IBLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	8.06	2.87
IBLK	IBLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	8.06	2.87
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	8.06	2.87
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	8.06	2.88
IBLK	IBLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-02MS

Date(s) Analyzed: 10/22/2025 10/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	5.20	3.8
	2	6.75	6.70	6.80	5.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.00	4.1
	2	3.72	3.67	3.77	4.80	
Heptachlor	1	4.92	4.87	4.97	5.90	18.5
	2	4.08	4.03	4.13	4.90	
Heptachlor epoxide	1	5.69	5.64	5.74	5.00	2
	2	4.86	4.81	4.91	4.90	
Endrin	1	6.57	6.52	6.62	5.10	2
	2	5.78	5.73	5.83	5.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-02MSD

Date(s) Analyzed: 10/22/2025 10/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	5.20	1.9
	2	6.74	6.69	6.79	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.90	4.2
	2	3.72	3.67	3.77	4.70	
Heptachlor	1	4.92	4.87	4.97	5.80	18.9
	2	4.08	4.03	4.13	4.80	
Heptachlor epoxide	1	5.68	5.63	5.73	5.40	1.9
	2	4.86	4.81	4.91	5.30	
Endrin	1	6.57	6.52	6.62	5.00	0
	2	5.78	5.73	5.83	5.00	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170218BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170218BS

Date(s) Analyzed: 10/22/2025 10/22/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	0.46	4.4
	2	6.75	6.70	6.80	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.44	1.5
	2	3.72	3.67	3.77	0.45	
Heptachlor	1	4.92	4.87	4.97	0.52	13.2
	2	4.07	4.02	4.12	0.46	
Heptachlor epoxide	1	5.69	5.64	5.74	0.45	0.2
	2	4.86	4.81	4.91	0.45	
Endrin	1	6.57	6.52	6.62	0.45	3.2
	2	5.78	5.73	5.83	0.46	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
 Data File : PD090767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 17:58
 Operator : AR\AJ
 Sample : PB170172TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170172TB

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:23:27 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...	3.544	2.874	62576696	621.5E6	20.094	20.871
28) SA Decachlor...	9.067	8.061	101.4E6	734.0E6	21.681	24.231

Target Compounds

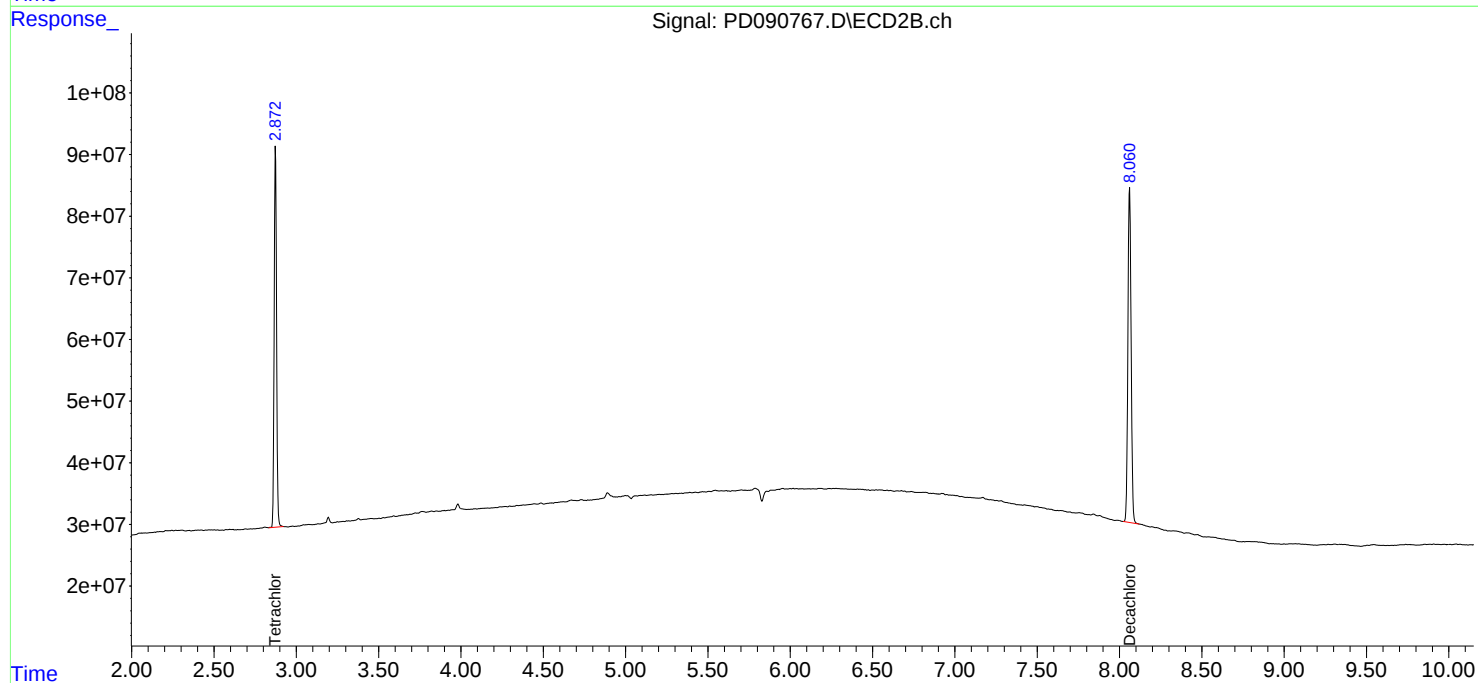
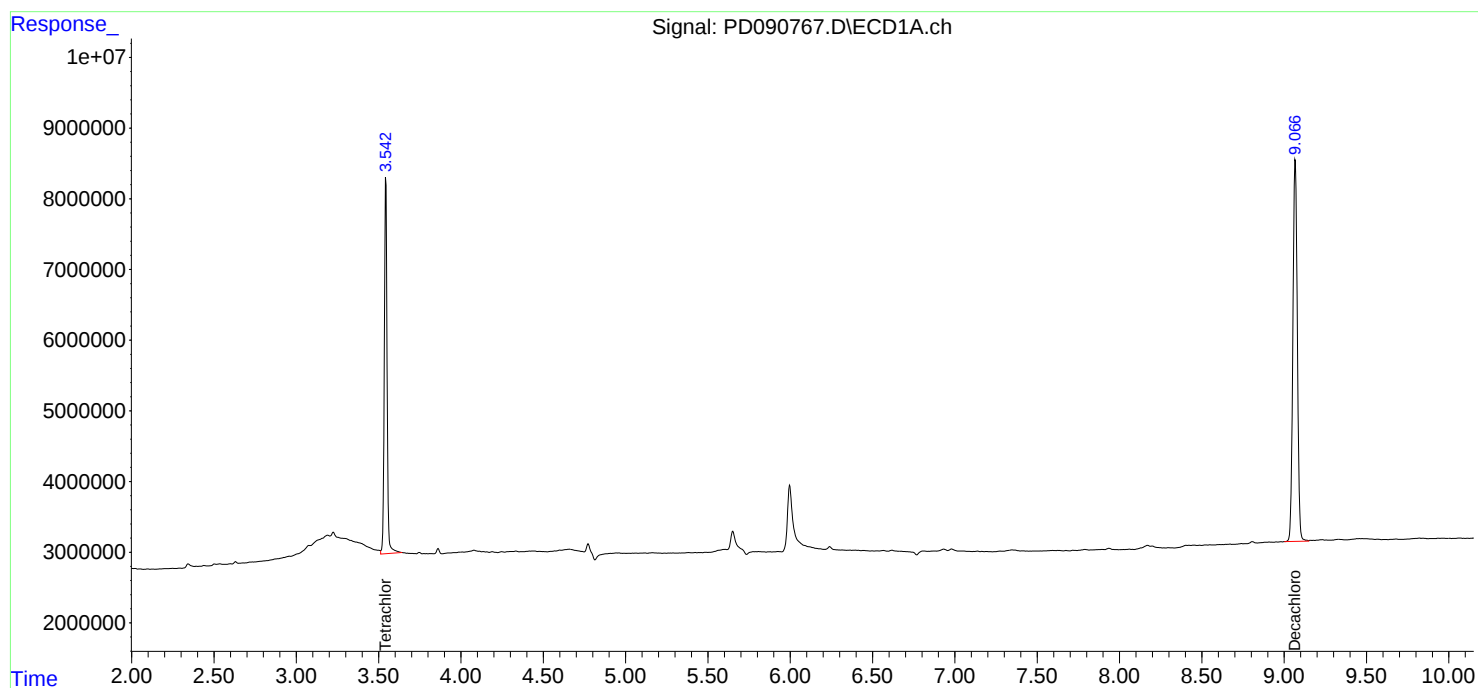
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:58
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

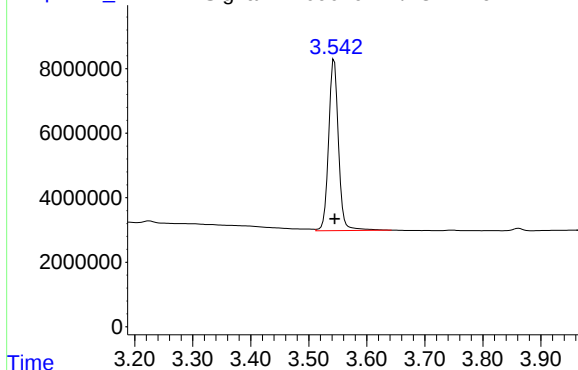
Instrument :
ECD_D
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:27 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



Response_ Signal: PD090767.D\ECD1A.ch

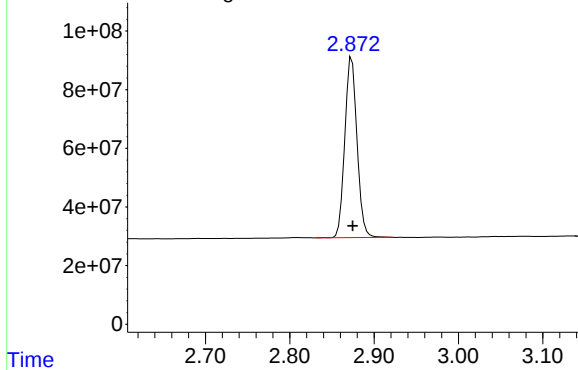


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62576696
Conc: 20.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170172TB

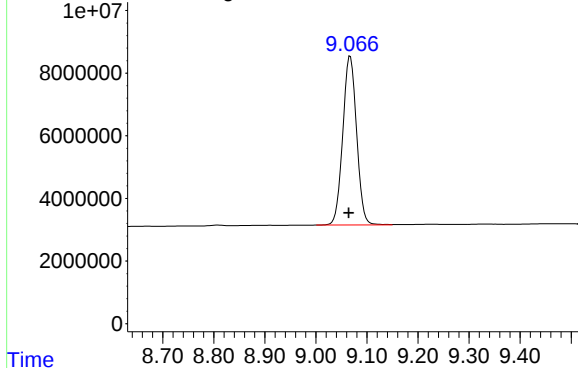
Response_ Signal: PD090767.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 621467811
Conc: 20.87 ng/ml

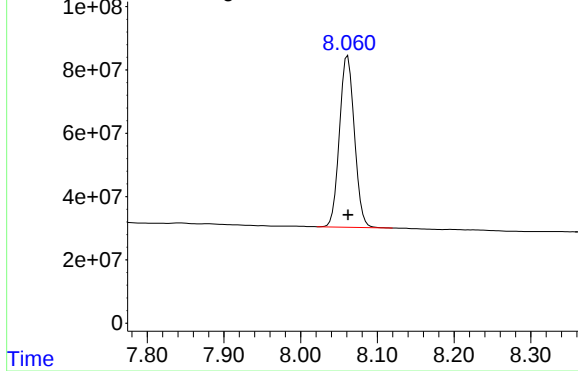
Response_ Signal: PD090767.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 101420779
Conc: 21.68 ng/ml

Response_ Signal: PD090767.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 733996374
Conc: 24.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
 Data File : PD090759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 15:54
 Operator : AR\AJ
 Sample : Q3399-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-ROLLOFF

A
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J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 12:25:49 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...	3.545	2.874	60912193	571.3E6	19.560	19.186
28) SA Decachlor...	9.067	8.062	86739386	609.1E6	18.542	20.107

Target Compounds

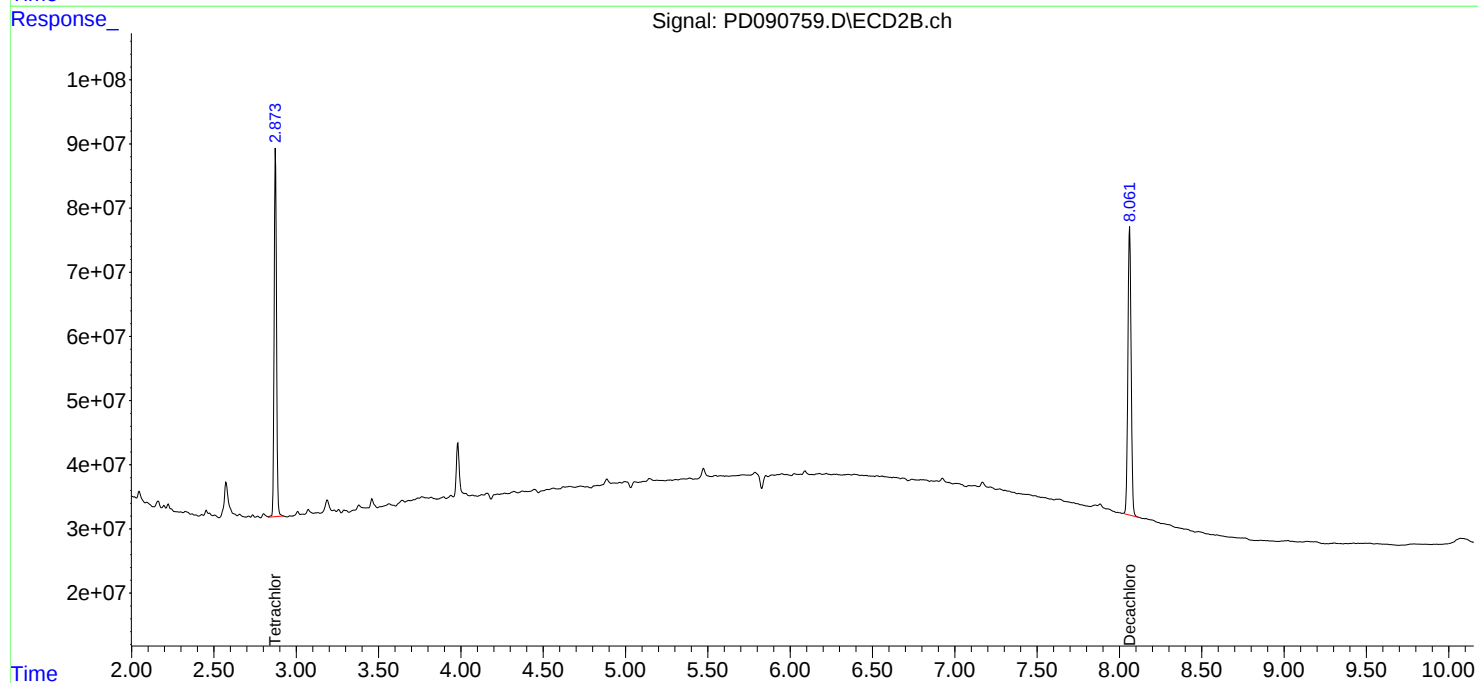
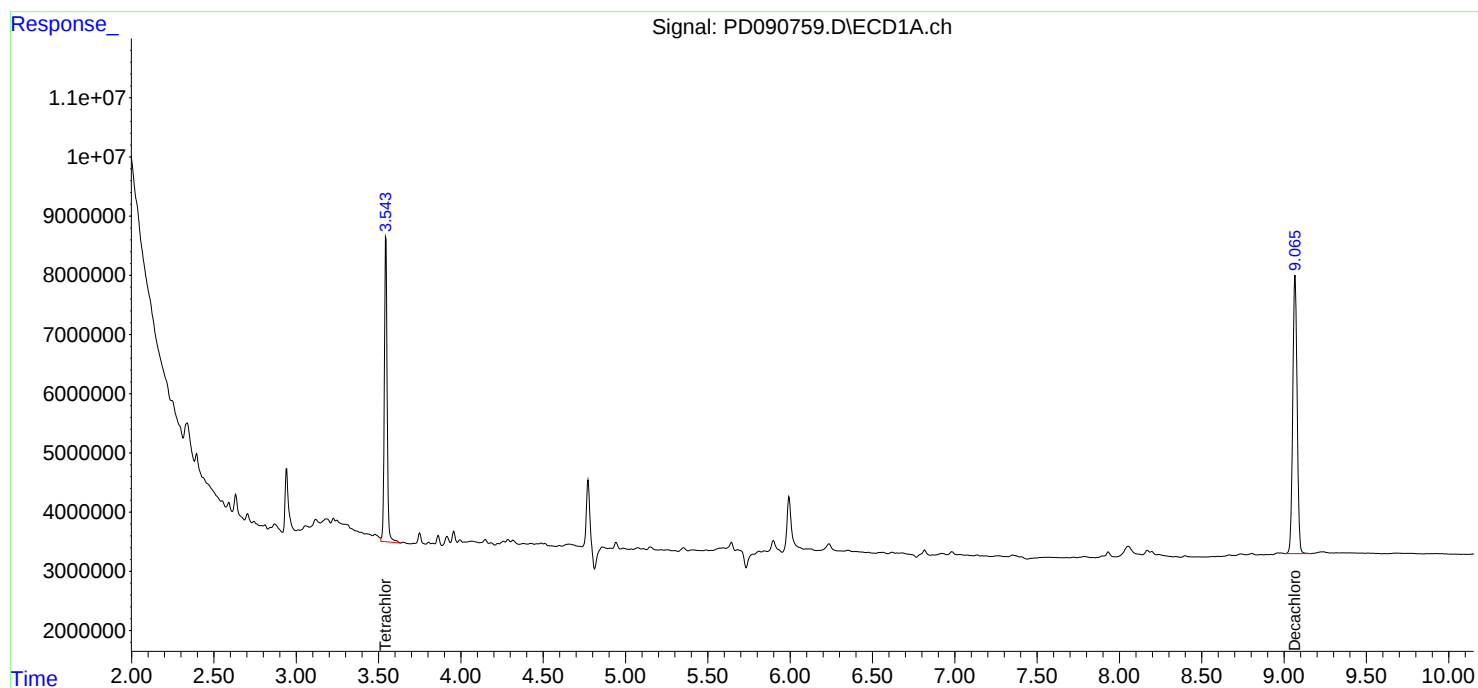
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

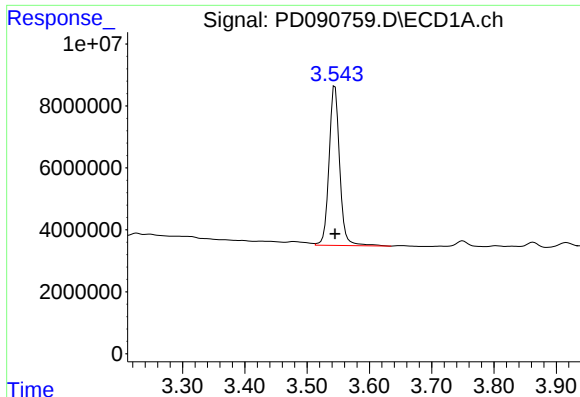
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 15:54
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 12:25:49 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

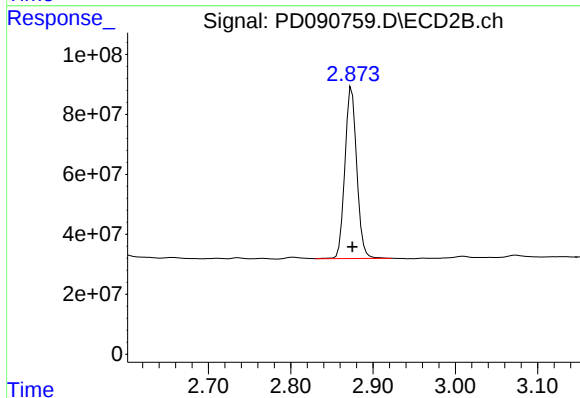




#1 Tetrachloro-m-xylene

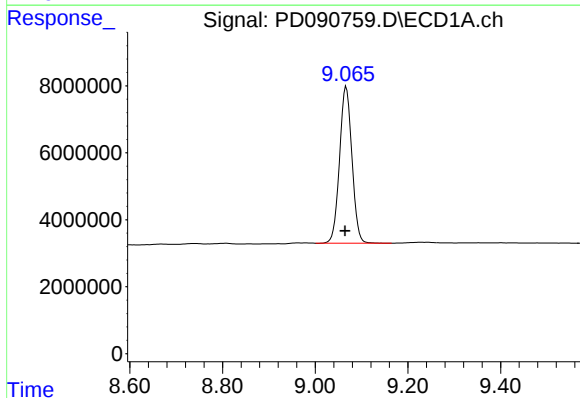
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60912193
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFF



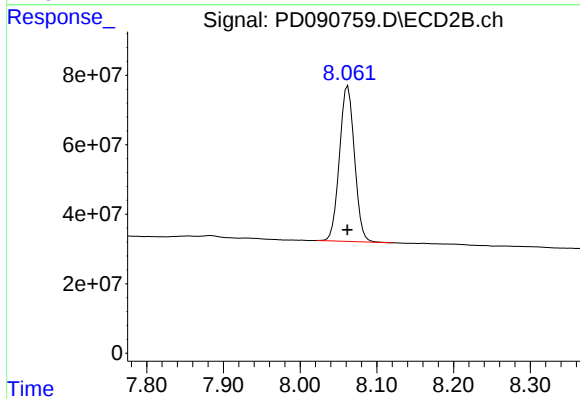
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 571295834
Conc: 19.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 86739386
Conc: 18.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 609059813
Conc: 20.11 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:30
Operator : AR\AJ
Sample : PB170218BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170218BL

A
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K
L

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:01 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...	3.544	2.874	60718682	599.5E6	19.498	20.134
28)	SA Decachlor...	9.067	8.062	95465019	676.3E6	20.407	22.327

Target Compounds

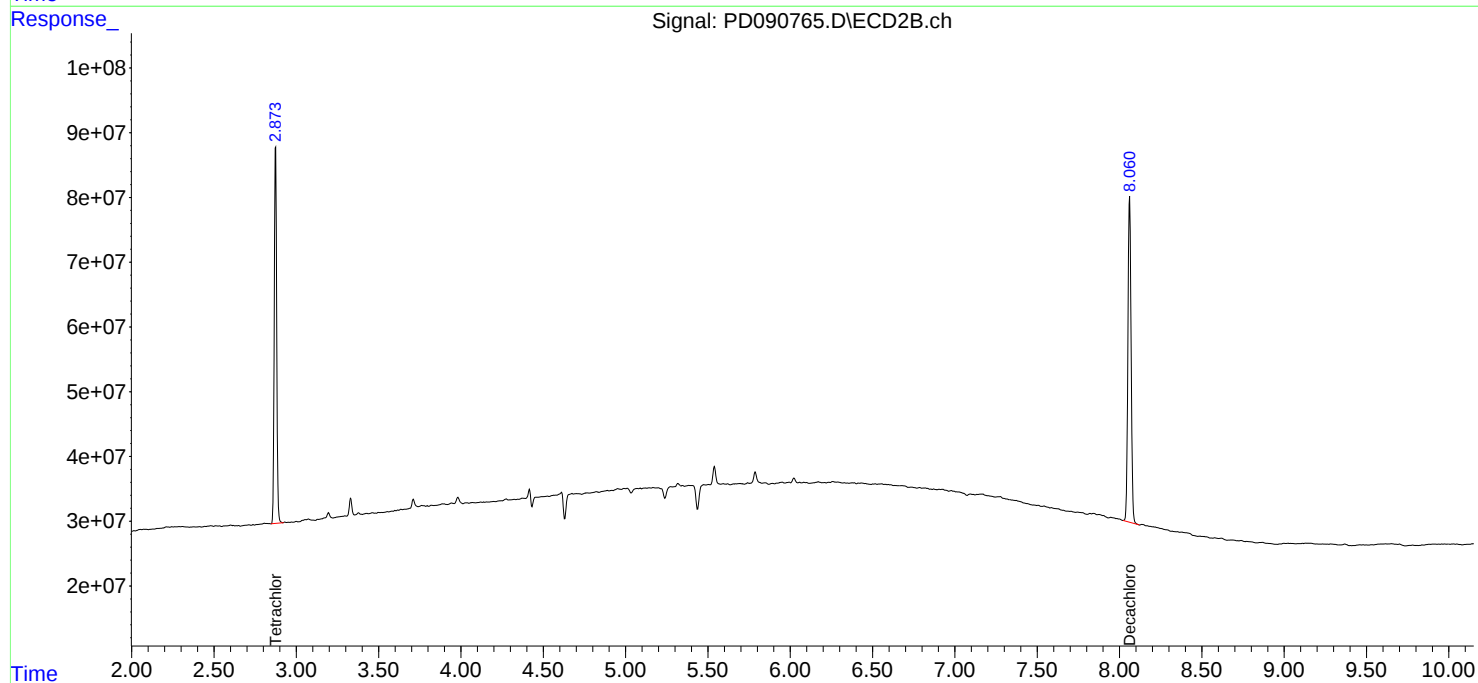
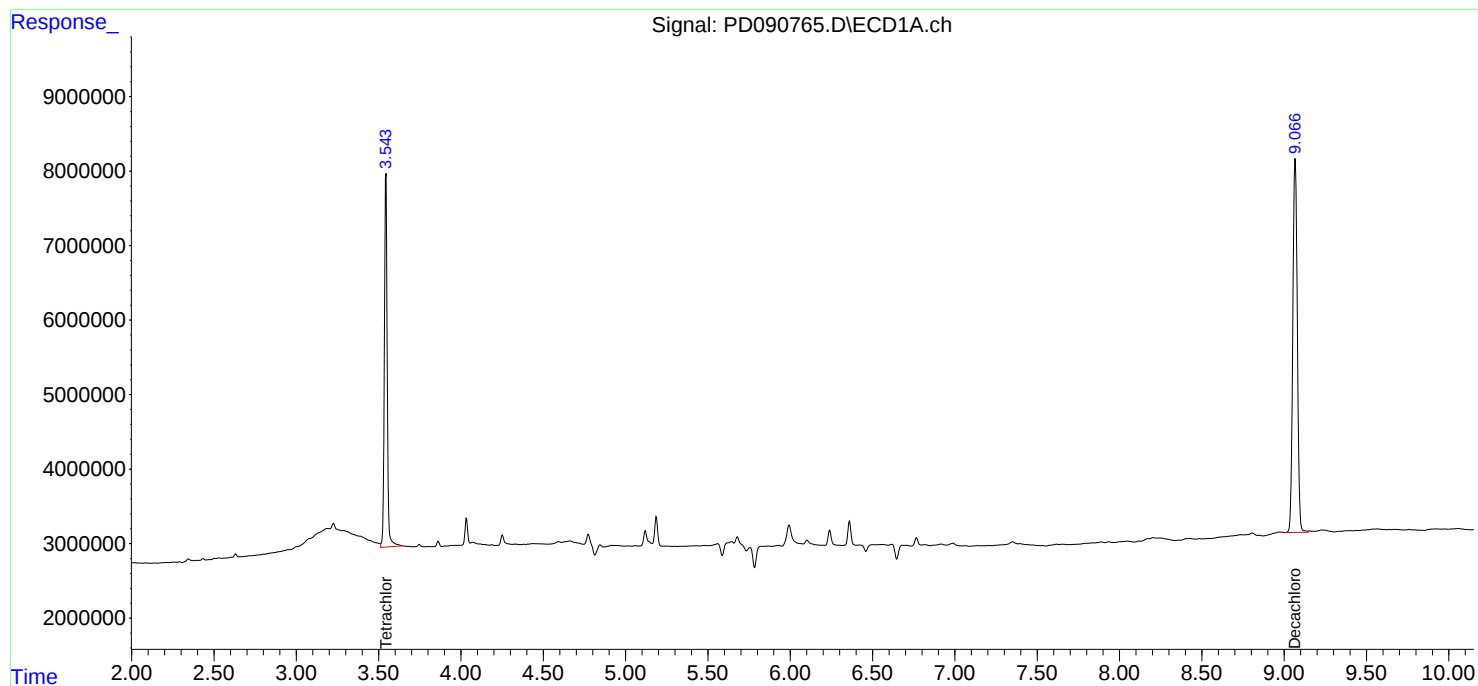
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:30
Operator : AR\AJ
Sample : PB170218BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

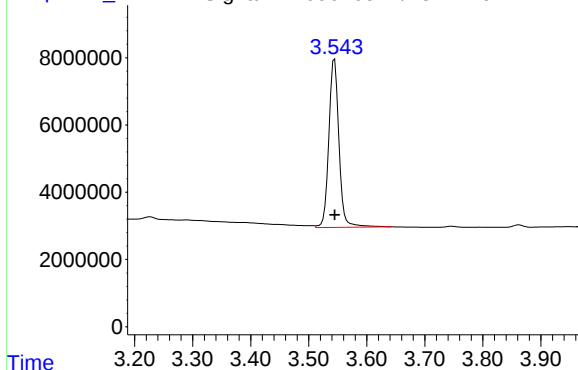
Instrument :
ECD_D
ClientSampleId :
PB170218BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:01 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



Response_ Signal: PD090765.D\ECD1A.ch

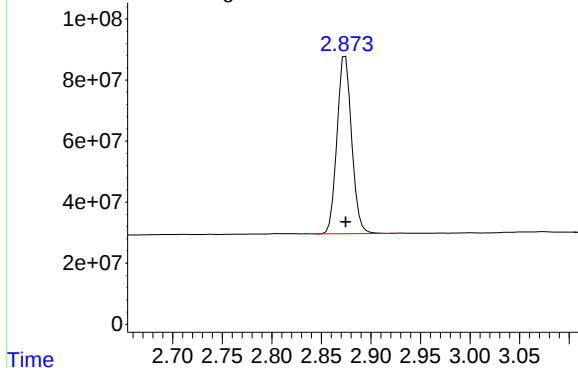


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 60718682
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170218BL

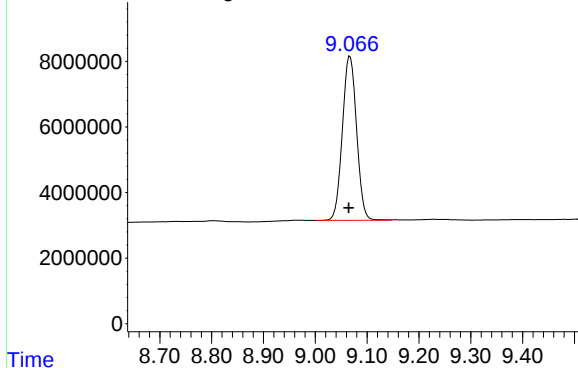
Response_ Signal: PD090765.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 599524002
Conc: 20.13 ng/ml

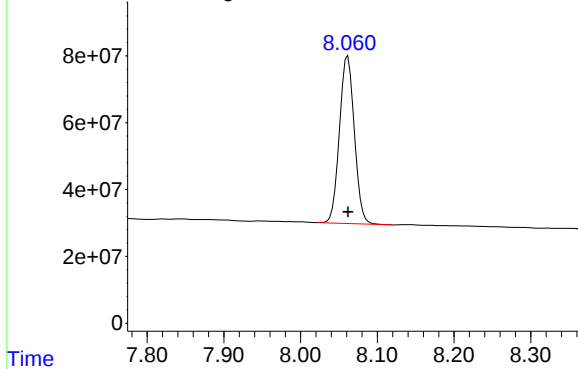
Response_ Signal: PD090765.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 95465019
Conc: 20.41 ng/ml

Response_ Signal: PD090765.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 676319539
Conc: 22.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
 Data File : PD090766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 17:44
 Operator : AR\AJ
 Sample : PB170218BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170218BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:23:13 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...	3.544	2.874	52634508	513.7E6	16.902	17.251
28)	SA Decachlor...	9.068	8.061	98897682	710.3E6	21.141	23.450
Target Compounds							
2)	A alpha-BHC	3.994	3.386	320.2E6	2278.9E6	44.607	44.600
3)	MA gamma-BHC...	4.325	3.722	300.1E6	2116.4E6	44.135	44.794
4)	MA Heptachlor	4.923	4.074	293.0E6	2048.9E6	52.417	45.936
5)	MB Aldrin	5.264	4.360	291.7E6	2086.2E6	44.560	45.039
6)	B beta-BHC	4.512	4.018	114.1E6	888.1E6	43.546	44.785
7)	B delta-BHC	4.760	4.254	303.6E6	2159.0E6	44.903	45.247
8)	B Heptachlo...	5.685	4.863	259.8E6	1917.3E6	44.876	44.965
9)	A Endosulfan I	6.068	5.238	246.2E6	1750.2E6	44.473	44.432
10)	B gamma-Chl...	5.940	5.116	261.6E6	2056.0E6	44.100	45.740
11)	B alpha-Chl...	6.021	5.181	265.1E6	1963.3E6	42.888	45.513
12)	B 4,4'-DDE	6.191	5.365	233.3E6	2011.4E6	43.798	45.883
13)	MA Dieldrin	6.341	5.503	262.5E6	2036.4E6	45.015	46.090
14)	MA Endrin	6.569	5.780	221.1E6	1865.4E6	44.634	46.066
15)	B Endosulfa...	6.782	6.072	227.9E6	1740.7E6	45.571	46.350
16)	A 4,4'-DDD	6.701	5.920	191.9E6	1703.8E6	47.337	46.758
17)	MA 4,4'-DDT	7.016	6.174	190.5E6	1666.2E6	46.349	47.506
18)	B Endrin al...	6.910	6.250	169.0E6	1312.2E6	46.134	47.383
19)	B Endosulfa...	7.146	6.474	206.0E6	1692.4E6	44.405	47.214
20)	A Methoxychlor	7.490	6.745	97041864	831.1E6	45.654	47.687
21)	B Endrin ke...	7.627	6.983	222.9E6	1833.6E6	45.881	48.613
22)	Mirex	8.109	7.176	152.3E6	1293.2E6	47.581	50.336

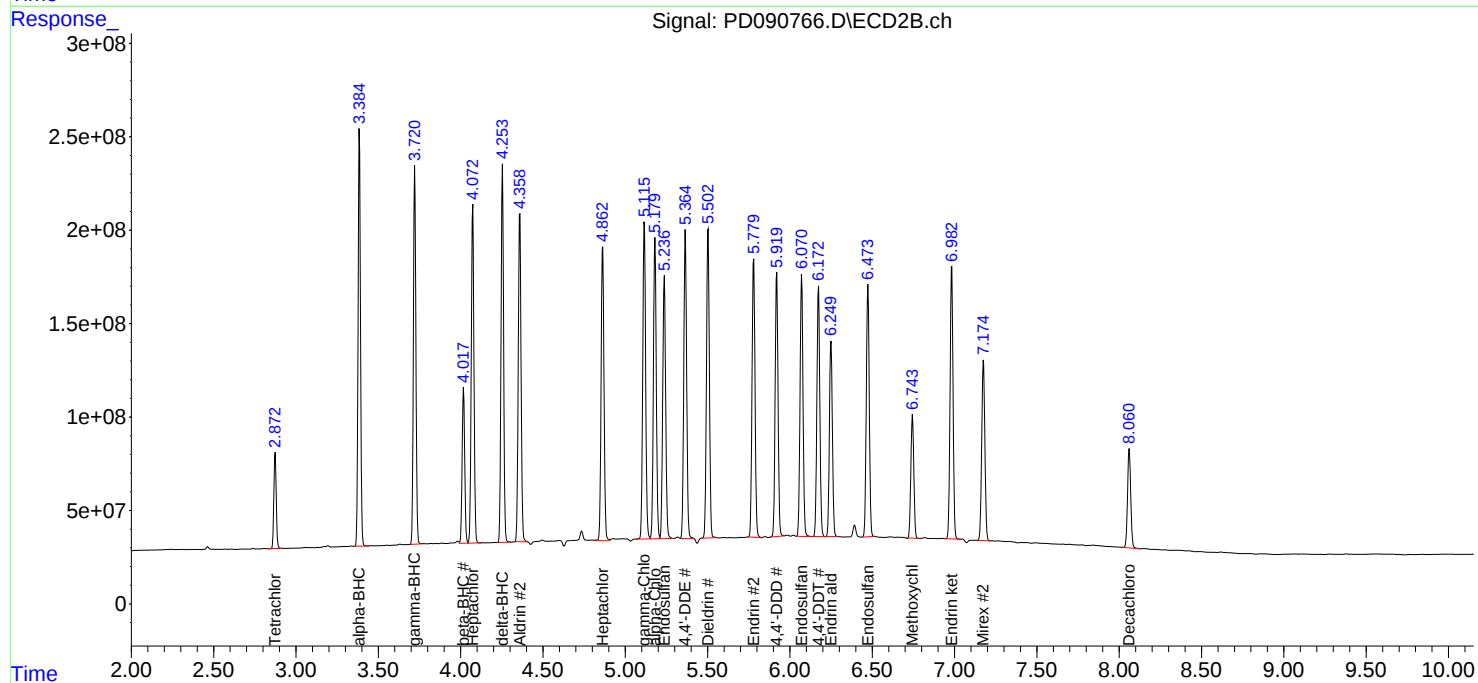
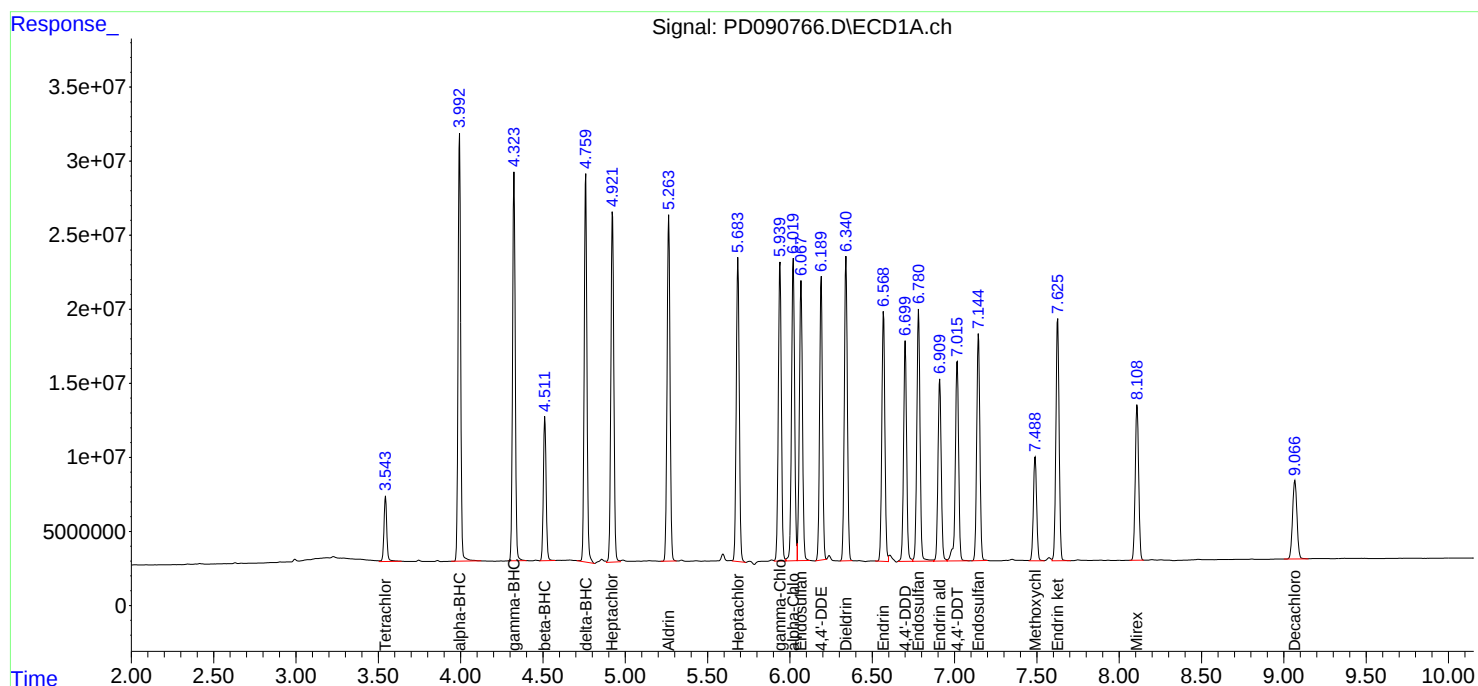
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 17:44
Operator : AR\AJ
Sample : PB170218BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170218BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:13 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\PD102225\
 Data File : PD090770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 18:38
 Operator : AR\AJ
 Sample : Q3399-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-ROLLOFFMS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:24:03 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...	3.545	2.874	66748014	612.9E6	21.434	20.582
2)	SA Decachlor...	9.067	8.061	89563518	641.9E6	19.146	21.191
Target Compounds							
2)	A alpha-BHC	3.994	3.386	358.2E6	2481.1E6	49.912	48.558
3)	MA gamma-BHC...	4.325	3.723	338.8E6	2283.1E6	49.835	48.320
4)	MA Heptachlor	4.923	4.075	328.7E6	2169.0E6	58.812	48.630
5)	MB Aldrin	5.265	4.360	314.7E6	2181.6E6	48.072	47.100
6)	B beta-BHC	4.512	4.019	136.3E6	961.8E6	52.047	48.503
7)	B delta-BHC	4.761	4.255	352.2E6	2327.9E6	52.087	48.787
8)	B Heptachlo...	5.685	4.864	291.2E6	2078.6E6	50.303	48.749
9)	A Endosulfan I	6.069	5.238	276.7E6	1948.4E6	49.981	49.464
10)	B gamma-Chl...	5.941	5.117	292.5E6	2211.8E6	49.320	49.206
11)	B alpha-Chl...	6.021	5.181	317.2E6	2118.6E6	51.328	49.113
12)	B 4,4'-DDE	6.190	5.365	263.7E6	2156.0E6	49.502	49.181
13)	MA Dieldrin	6.341	5.503	296.7E6	2208.2E6	50.880	49.977
14)	MA Endrin	6.568	5.780	251.0E6	2031.3E6	50.665	50.162
15)	B Endosulfa...	6.781	6.072	244.0E6	1903.9E6	48.807	50.695
16)	A 4,4'-DDD	6.700	5.920	206.8E6	1820.4E6	51.014	49.958
17)	MA 4,4'-DDT	7.016	6.174	221.0E6	1867.3E6	53.775	53.239
18)	B Endrin al...	6.911	6.250	186.5E6	1442.6E6	50.916	52.092
19)	B Endosulfa...	7.145	6.474	233.4E6	1843.1E6	50.322	51.420
20)	A Methoxychlor	7.489	6.745	110.5E6	933.2E6	52.004	53.548
21)	B Endrin ke...	7.626	6.983	248.8E6	1991.9E6	51.208	52.810
22)	Mirex	8.108	7.175	153.0E6	1286.0E6	47.814	50.057

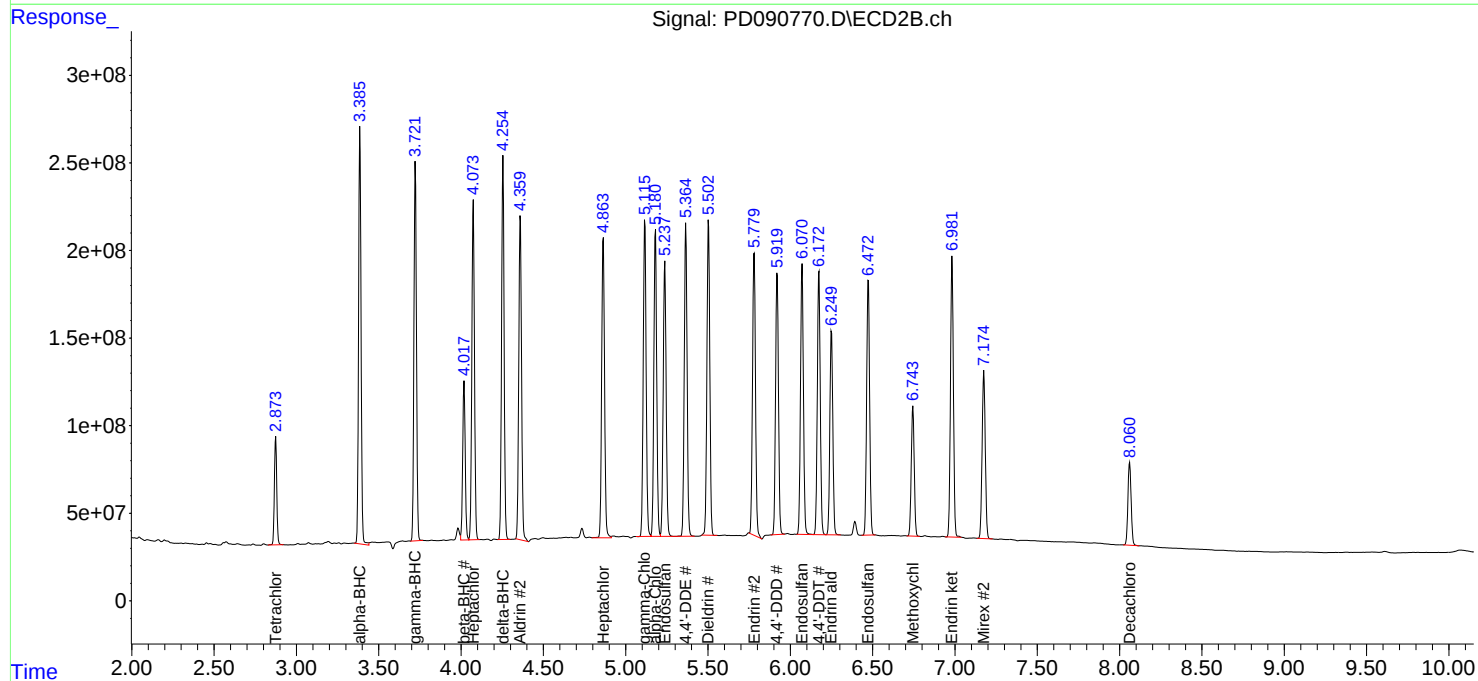
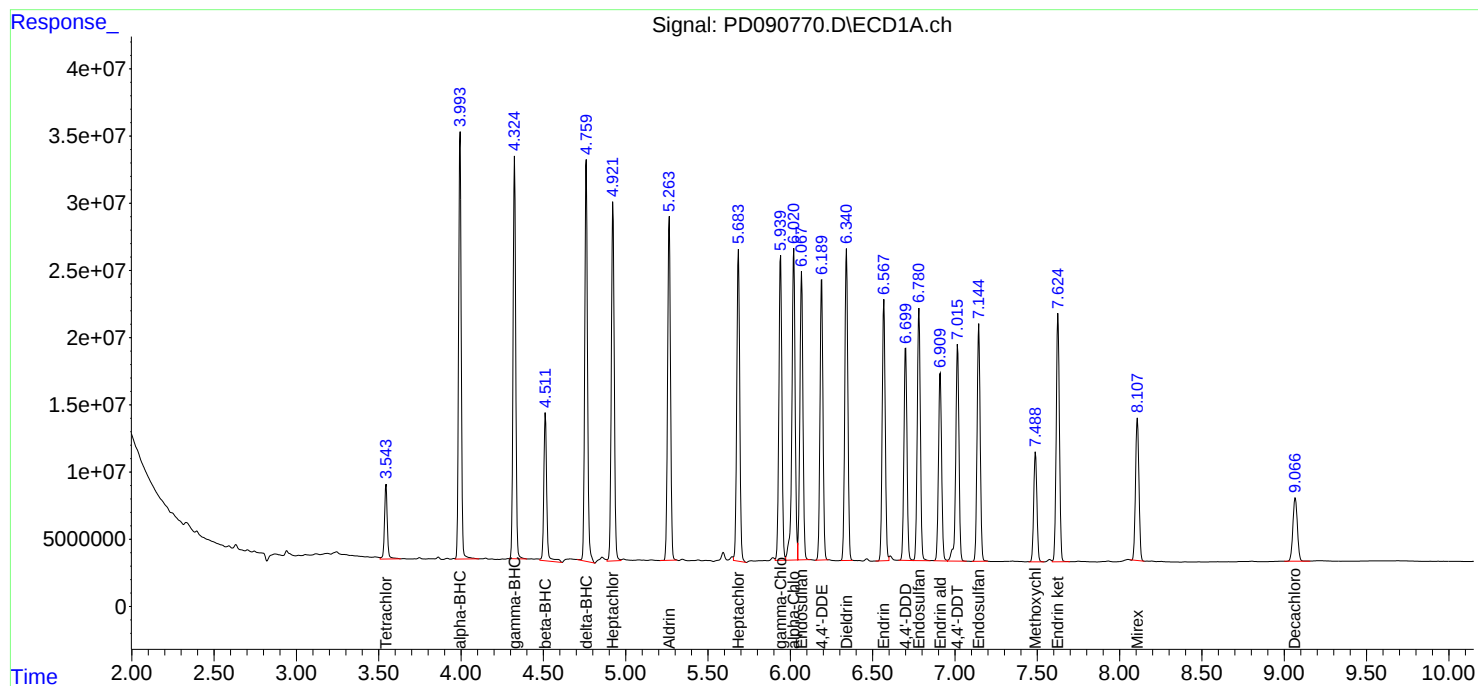
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:38
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:03 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\PD102225\
 Data File : PD090771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 18:52
 Operator : AR\AJ
 Sample : Q3399-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/23/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:24:15 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...	3.544	2.875	65762388	597.0E6	21.117	20.049
28)	SA Decachlor...	9.066	8.061	89978793	628.0E6	19.235	20.733
Target Compounds							
2)	A alpha-BHC	3.994	3.386	352.1E6	2419.1E6	49.058	47.345
3)	MA gamma-BHC...	4.325	3.723	332.8E6	2227.6E6	48.955	47.145
4)	MA Heptachlor	4.923	4.075	324.6E6	2135.8E6	58.076	47.885
5)	MB Aldrin	5.264	4.360	309.8E6	2138.0E6	47.321	46.158
6)	B beta-BHC	4.512	4.019	123.8E6	945.7E6	47.265	47.693
7)	B delta-BHC	4.760	4.255	351.9E6	2279.8E6	52.043	47.778
8)	B Heptachlo...	5.684	4.864	314.7E6	2251.7E6	54.354	52.807
9)	A Endosulfan I	6.068	5.238	287.8E6	1905.6E6	51.982	48.376
10)	B gamma-Chl...	5.940	5.116	277.4E6	2152.0E6	46.771	47.876
11)	B alpha-Chl...	6.019	5.181	355.5E6	2067.8E6	57.529m	47.934
12)	B 4,4'-DDE	6.190	5.365	256.7E6	2124.3E6	48.192	48.457
13)	MA Dieldrin	6.341	5.503	290.1E6	2161.9E6	49.753	48.929
14)	MA Endrin	6.568	5.780	248.4E6	2018.6E6	50.147	49.851
15)	B Endosulfa...	6.781	6.071	237.2E6	1862.2E6	47.447	49.586
16)	A 4,4'-DDD	6.700	5.920	202.3E6	1793.0E6	49.888	49.206
17)	MA 4,4'-DDT	7.016	6.173	220.1E6	1840.2E6	53.550	52.468
18)	B Endrin al...	6.910	6.250	188.7E6	1414.5E6	51.516	51.079
19)	B Endosulfa...	7.145	6.473	229.6E6	1814.1E6	49.505	50.608
20)	A Methoxychlor	7.489	6.744	110.3E6	926.9E6	51.907	53.185
21)	B Endrin ke...	7.626	6.983	249.9E6	1971.2E6	51.441	52.263
22)	Mirex	8.108	7.175	153.4E6	1277.0E6	47.915	49.706

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:52
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

COMP-ROLLOFFMSD

Manual Integrations

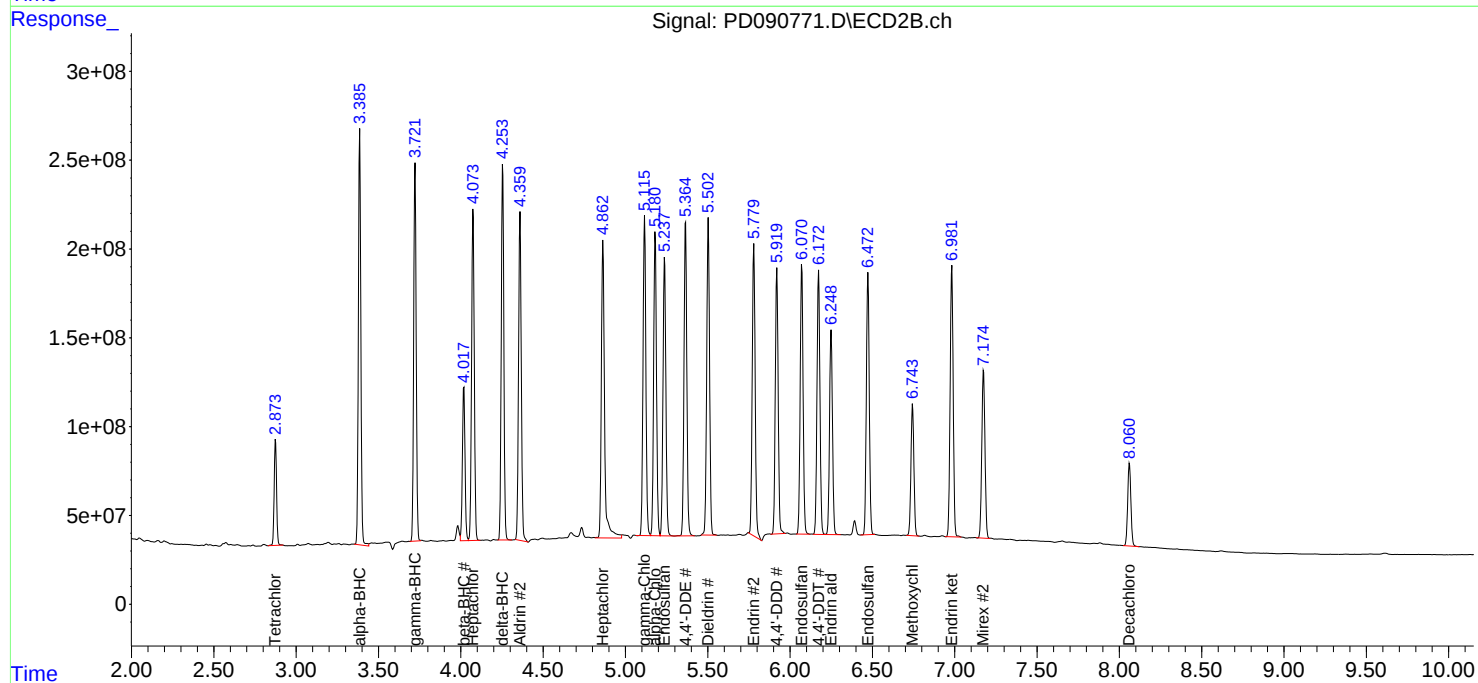
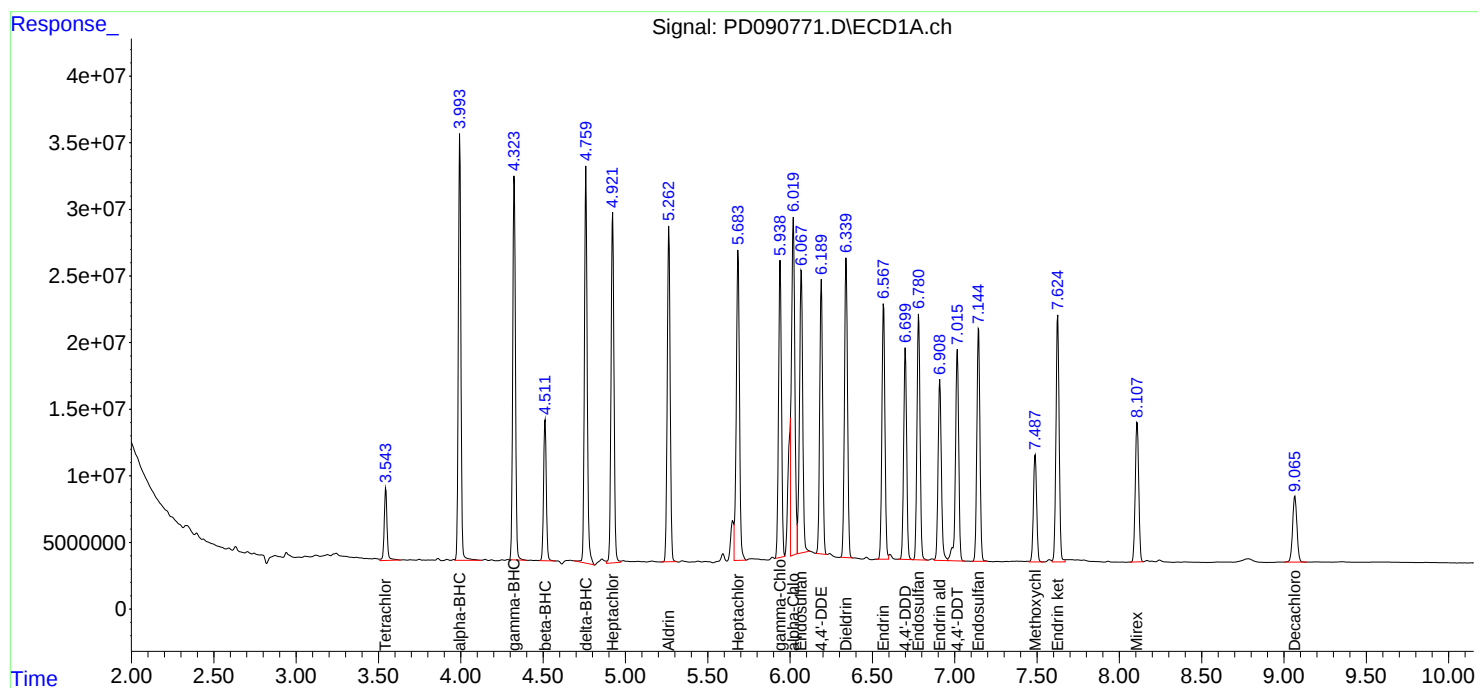
APPROVED

Reviewed By :Abdul Mirza 10/23/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:24:15 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



Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d
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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:	PD102225	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-02MSD	PD090771.D	alpha-Chlordane	Abdul	10/23/2025 3:57:39 PM	mohammad	10/24/2025 1:06:26	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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#	Sampleld	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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM
SubDirectory	PD102225	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	P24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090752.D	22 Oct 2025 08:22	AR\AJ	Ok
2	I.BLK	PD090753.D	22 Oct 2025 14:32	AR\AJ	Ok
3	PEM	PD090754.D	22 Oct 2025 14:45	AR\AJ	Ok
4	PSTDCCC050	PD090755.D	22 Oct 2025 14:59	AR\AJ	Ok
5	PB170205BL	PD090756.D	22 Oct 2025 15:13	AR\AJ	Ok
6	PB170205BS	PD090757.D	22 Oct 2025 15:26	AR\AJ	Ok
7	Q3399-01	PD090758.D	22 Oct 2025 15:40	AR\AJ	Ok,M
8	Q3399-02	PD090759.D	22 Oct 2025 15:54	AR\AJ	Ok
9	Q3404-01	PD090760.D	22 Oct 2025 16:08	AR\AJ	Ok,M
10	Q3404-04	PD090761.D	22 Oct 2025 16:21	AR\AJ	Ok,M
11	Q3416-01	PD090762.D	22 Oct 2025 16:49	AR\AJ	Ok,M
12	I.BLK	PD090763.D	22 Oct 2025 17:03	AR\AJ	Ok
13	PSTDCCC050	PD090764.D	22 Oct 2025 17:17	AR\AJ	Ok
14	PB170218BL	PD090765.D	22 Oct 2025 17:30	AR\AJ	Ok
15	PB170218BS	PD090766.D	22 Oct 2025 17:44	AR\AJ	Ok
16	PB170172TB	PD090767.D	22 Oct 2025 17:58	AR\AJ	Ok
17	Q3399-01MS	PD090768.D	22 Oct 2025 18:11	AR\AJ	Ok,M
18	Q3399-01MSD	PD090769.D	22 Oct 2025 18:25	AR\AJ	Ok,M
19	Q3399-02MS	PD090770.D	22 Oct 2025 18:38	AR\AJ	Ok
20	Q3399-02MSD	PD090771.D	22 Oct 2025 18:52	AR\AJ	Ok,M
21	I.BLK	PD090772.D	22 Oct 2025 19:06	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM
SubDirectory	PD102225	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	P24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PSTDCCC050	PD090773.D	22 Oct 2025 19:19	AR\AJ	Ok
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M : Manual Integration

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L

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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,P24763,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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM
SubDirectory	PD102225	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,P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	P24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090752.D	22 Oct 2025 08:22		AR\AJ	Ok
2	I.BLK	I.BLK	PD090753.D	22 Oct 2025 14:32		AR\AJ	Ok
3	PEM	PEM	PD090754.D	22 Oct 2025 14:45		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090755.D	22 Oct 2025 14:59		AR\AJ	Ok
5	PB170205BL	PB170205BL	PD090756.D	22 Oct 2025 15:13		AR\AJ	Ok
6	PB170205BS	PB170205BS	PD090757.D	22 Oct 2025 15:26		AR\AJ	Ok
7	Q3399-01	COMP-ROLLOFF	PD090758.D	22 Oct 2025 15:40		AR\AJ	Ok,M
8	Q3399-02	COMP-ROLLOFF	PD090759.D	22 Oct 2025 15:54		AR\AJ	Ok
9	Q3404-01	MOO-25-0285-0288	PD090760.D	22 Oct 2025 16:08		AR\AJ	Ok,M
10	Q3404-04	MOO-25-0292	PD090761.D	22 Oct 2025 16:21		AR\AJ	Ok,M
11	Q3416-01	NB-08-10212025	PD090762.D	22 Oct 2025 16:49		AR\AJ	Ok,M
12	I.BLK	I.BLK	PD090763.D	22 Oct 2025 17:03		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PD090764.D	22 Oct 2025 17:17		AR\AJ	Ok
14	PB170218BL	PB170218BL	PD090765.D	22 Oct 2025 17:30		AR\AJ	Ok
15	PB170218BS	PB170218BS	PD090766.D	22 Oct 2025 17:44		AR\AJ	Ok
16	PB170172TB	PB170172TB	PD090767.D	22 Oct 2025 17:58		AR\AJ	Ok
17	Q3399-01MS	COMP-ROLLOFFMS	PD090768.D	22 Oct 2025 18:11		AR\AJ	Ok,M
18	Q3399-01MSD	COMP-ROLLOFFMSD	PD090769.D	22 Oct 2025 18:25		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD102225

Review By	Abdul	Review On	10/23/2025 3:59:00 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:06:26 AM
SubDirectory	PD102225	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,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	P24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3399-02MS	COMP-ROLLOFFMS	PD090770.D	22 Oct 2025 18:38		AR\AJ	Ok
20	Q3399-02MSD	COMP-ROLLOFFMSD	PD090771.D	22 Oct 2025 18:52		AR\AJ	Ok,M
21	I.BLK	I.BLK	PD090772.D	22 Oct 2025 19:06		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PD090773.D	22 Oct 2025 19:19		AR\AJ	Ok

M : Manual Integration

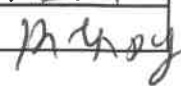
SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 10/21/2025 Time : 14:00
Weigh By :	JP	End Prep Date : 10/22/2025 Time : 07:20
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : NA 10
Extraction By :	JP	Initial Room Temperature: 22 °C
Filter By :	JP	Final Room Temperature: 21 °C
Pipette ID :	WC	TCLP Technician Signature : 
Tumbler ID :	T-1 / T-2	Supervisor By : 12
TCLP Filter ID :	40718710	

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	 / 120 Room	SKG. ET / EXT
	Preparation Group	Analysis Group 

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3406 **WorkList ID :** 192576 **Department :** TCLP Extraction **Date :** 10-21-2025 09:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3368-07	PRESS-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3397-04	TP-7-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311
Q3399-02	COMP-ROLLOFF	Solid	TCLP Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311
Q3402-03	41-LA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-06	41-RA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-09	41-LB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-12	41-RB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3403-04	MH-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-02	MOO-25-0285-0288	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-06	MOO-25-0292	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3406-02	ARS20-0037	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3412-04	TP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311

Date/Time 10/21/25 12:00
Raw Sample Received by: SP GWC
Raw Sample Relinquished by: CP SA

Date/Time 10/21/25 15:30
Raw Sample Received by: CP SA
Raw Sample Relinquished by: SP GWC

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

Clean Up SOP #: N/A **Extraction Start Date :** 10/22/2025

Matrix : Water **Extraction Start Time :** 10:12

Wegh By: N/A **Extraction By:** RS **Extraction End Date :** 10/22/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:30

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

pH Strip Lot#: E3953 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

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

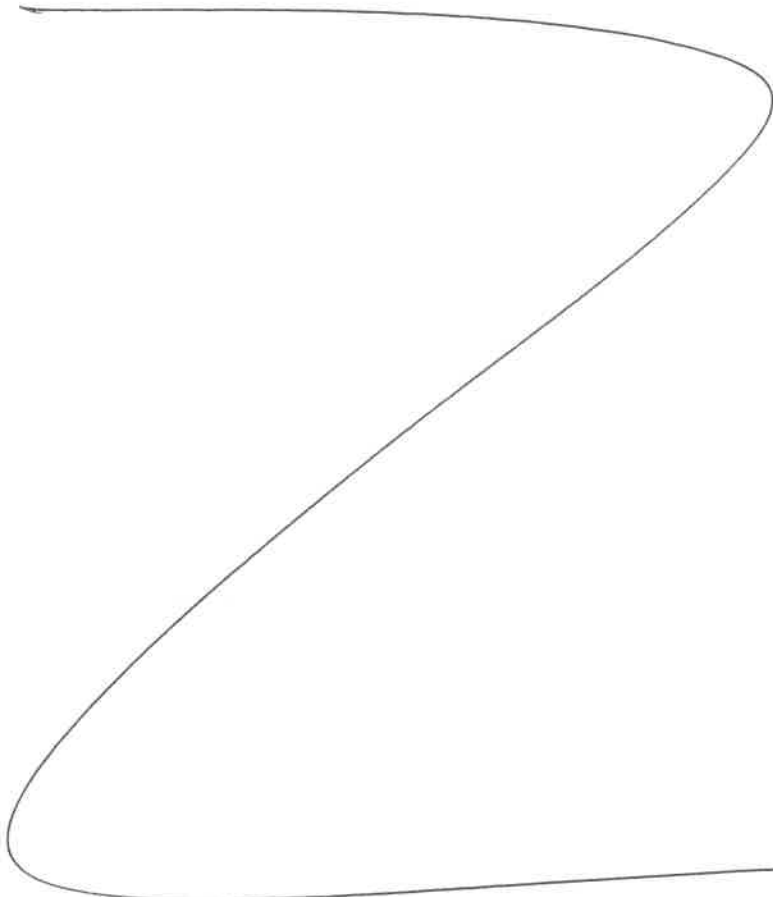
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (E4 Lab)	R. P. (E4 Lab)
	Preparation Group	Analysis Group

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

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170172TB	PB170172TB	TCLP Pesticide	100	6	RUPESH	Evelyn	10			SEP-1
PB170218BL	PBLK218	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			2
PB170218BS	PLCS218	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			3
Q3399-02	COMP-ROLLOFF	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		4
Q3399-02MS	COMP-ROLLOFFMS	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		5
Q3399-02MS D	COMP-ROLLOFFMSD	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		6



RS
10/22

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

10/22/25
09130

LAB CHRONICLE

OrderID:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL			10/20/25			10/20/25
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	COMP-ROLLOFF	TCLP			10/20/25			10/20/25
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	