



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
Client ID :				Total Concentration:	0.000				



SAMPLE DATA

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: Q3399-01	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 89.9	
Sample Wt/Vol: 30.06 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541	Prep Date: 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	9.20	U	1	4.40	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11104-28-2	Aroclor-1221	14.4	U	1	4.50	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11141-16-5	Aroclor-1232	9.20	U	1	4.10	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
53469-21-9	Aroclor-1242	9.20	U	1	4.50	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
12672-29-6	Aroclor-1248	14.4	U	1	6.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11097-69-1	Aroclor-1254	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
37324-23-5	Aroclor-1262	14.4	U	1	5.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11100-14-4	Aroclor-1268	9.20	U	1	4.00	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11096-82-5	Aroclor-1260	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.5			44 - 130		113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.0			60 - 125		90%	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

Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP075940.D	PIBLK-PP075940.D	Tetrachloro-m-xyl	1	20	19.8	99		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	18.6	93		60	140
Q3399-01	COMP-ROLLOFF	Tetrachloro-m-xyl	1	20	22.4	112		44	130
		Decachlorobiphen	1	20	18.0	90		60	125
		Tetrachloro-m-xyl	2	20	22.5	113		44	130
		Decachlorobiphen	2	20	16.3	81		60	125
I.BLK-PP075954.D	PIBLK-PP075954.D	Tetrachloro-m-xyl	1	20	19.3	96		60	140
		Decachlorobiphen	1	20	21.3	107		60	140
		Tetrachloro-m-xyl	2	20	17.3	87		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
PB170204BL	PB170204BL	Tetrachloro-m-xyl	1	20	23.3	116		44	130
		Decachlorobiphen	1	20	24.9	125		60	125
		Tetrachloro-m-xyl	2	20	21.1	105		44	130
		Decachlorobiphen	2	20	23.0	115		60	125
PB170204BS	PB170204BS	Tetrachloro-m-xyl	1	20	24.0	120		44	130
		Decachlorobiphen	1	20	24.8	124		60	125
		Tetrachloro-m-xyl	2	20	21.8	109		44	130
		Decachlorobiphen	2	20	23.1	116		60	125
Q3416-01MS	NB-08-10212025MS	Tetrachloro-m-xyl	1	20	20.2	101		44	130
		Decachlorobiphen	1	20	24.1	120		60	125
		Tetrachloro-m-xyl	2	20	22.9	115		44	130
		Decachlorobiphen	2	20	18.1	91		60	125
Q3416-01MSD	NB-08-10212025MSD	Tetrachloro-m-xyl	1	20	19.6	98		44	130
		Decachlorobiphen	1	20	22.6	113		60	125
		Tetrachloro-m-xyl	2	20	21.3	106		44	130
		Decachlorobiphen	2	20	16.7	84		60	125
I.BLK-PP075964.D	PIBLK-PP075964.D	Tetrachloro-m-xyl	1	20	19.5	97		60	140
		Decachlorobiphen	1	20	20.8	104		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	16.6	83		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8082A</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PP075958.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3416-01MS	Client Sample ID:		NB-08-10212025MS							
(Column 1)											
AR1016	177.2	0	141	ug/kg	80				47	134	
AR1260	177.2	0	151	ug/kg	85				53	140	
Lab Sample ID:	Q3416-01MS	Client Sample ID:		NB-08-10212025MS							
(Column 2)											
AR1016	177.2	0	139	ug/kg	78				47	134	
AR1260	177.2	0	121	ug/kg	68				53	140	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8082A</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PP075959.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3416-01MSD	Client Sample ID:		NB-08-10212025MSD							
(Column 1)											
AR1016	177.3	0	137	ug/kg	77		4		47	134	20
AR1260	177.3	0	143	ug/kg	81		5		53	140	20
Lab Sample ID:	Q3416-01MSD	Client Sample ID:		NB-08-10212025MSD							
(Column 2)											
AR1016	177.3	0	132	ug/kg	74		5		47	134	20
AR1260	177.3	0	117	ug/kg	66		3		53	140	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 Analytical Method: 8082A
Client: ICE Service Group, Inc. Datafile : PP075956.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170204BS (Column 1)	AR1016	166.6	185	ug/kg	111				47	134	
	AR1260	166.6	193	ug/kg	116				53	140	
PB170204BS (Column 2)	AR1016	166.6	176	ug/kg	106				47	134	
	AR1260	166.6	203	ug/kg	122				53	140	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170204BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170204BL

Lab File ID: PP075955.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

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): 21:26

Time Analyzed (2): 21:26

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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	Q3399-01	PP075949.D	10/22/2025	10/22/2025
PB170204BS	PB170204BS	PP075956.D	10/22/2025	10/22/2025
NB-08-10212025MS	Q3416-01MS	PP075958.D	10/22/2025	10/22/2025
NB-08-10212025MSD	Q3416-01MSD	PP075959.D	10/22/2025	10/22/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170204BL		SDG No.:	Q3399
Lab Sample ID:	PB170204BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	8.30	U	1	3.90	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11096-82-5	Aroclor-1260	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	23.3			44 - 130		116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.9			60 - 125		125%	SPK: 20		

U = Not Detected

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/21/25	PP102125
SURROGATES										
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140		94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140		96%	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-PP075940.D		SDG No.:	Q3399	
Lab Sample ID:	I.BLK-PP075940.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	Prep Date				

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.2			60 - 140		86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.6			60 - 140		93%	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-PP075954.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075954.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.3			60 - 140		87%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.5			60 - 140		98%	SPK: 20		

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Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PP075964.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075964.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/23/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/23/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/23/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/23/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/23/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/23/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/23/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/23/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/23/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.9			60 - 140		90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.6			60 - 140		83%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170204BS		SDG No.:	Q3399
Lab Sample ID:	PB170204BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	185		1	3.90	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11096-82-5	Aroclor-1260	203		1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	24.0			44 - 130		120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.8			60 - 125		124%	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: 10/21/25	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received: 10/21/25	
Client Sample ID: NB-08-10212025MS	SDG No.: Q3399	
Lab Sample ID: Q3416-01MS	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 93.8	
Sample Wt/Vol: 30.08 g Final Vol: 10000 uL	Test: PCB	
Prep Method: SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	141		1	4.20	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11096-82-5	Aroclor-1260	151		1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.9			44 - 130		115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.1			60 - 125		120%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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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:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/21/25
Client Sample ID:	NB-08-10212025MSD		SDG No.:	Q3399
Lab Sample ID:	Q3416-01MSD		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	93.8
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	137		1	4.20	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11096-82-5	Aroclor-1260	143		1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	21.3			44 - 130		106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			60 - 125		113%	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

Calibration Times: 09:06 17:01

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

LAB FILE ID:		RT 1000 =	<u>PP075888.D</u>	RT 750 =	<u>PP075889.D</u>
RT 500 =	PP075890.D	RT 250 =	PP075891.D	RT 050 =	PP075892.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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Contract: ICES02

SDG NO.: Q3399

Calibration Date(s): **10/21/2025** **10/21/2025**

Calibration Times: **09:06** **17:01**

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

LAB FILE ID:		RT 1000 =	<u>PP075888.D</u>	RT 750 =	<u>PP075889.D</u>
RT 500 =	PP075890.D	RT 250 =	PP075891.D	RT 050 =	PP075892.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID:		CF 1000 = <u>PP075888.D</u>		CF 750 = <u>PP075889.D</u>			
CF 500 = <u>PP075890.D</u>		CF 250 = <u>PP075891.D</u>		CF 050 = <u>PP075892.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID: CF 1000 = <u>PP075888.D</u> CF 750 = <u>PP075889.D</u> CF 500 = <u>PP075890.D</u> CF 250 = <u>PP075891.D</u> CF 050 = <u>PP075892.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032 3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349 10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495 9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573 10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946 8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124 3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542 6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875 11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527 14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685 15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930 3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597 7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766 3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297 4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713 5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163 15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529 6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603 2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905 8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158 4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901 5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780 9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351 4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822 12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646 9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747 13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998 11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762 12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842 8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496 12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375 6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846 3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007 4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460 3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 14:56

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 14:56

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.79	8.78	8.68	8.88	0.00

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.799	5.695	5.895	470.840	500.000	-5.8
Aroclor-1016-2	5.821	5.717	5.917	474.670	500.000	-5.1
Aroclor-1016-3	5.883	5.780	5.980	473.780	500.000	-5.2
Aroclor-1016-4	5.980	5.877	6.077	476.450	500.000	-4.7
Aroclor-1016-5	6.273	6.169	6.369	466.280	500.000	-6.7
Aroclor-1260-1	7.391	7.287	7.487	500.580	500.000	0.1
Aroclor-1260-2	7.644	7.540	7.740	474.300	500.000	-5.1
Aroclor-1260-3	8.002	7.899	8.099	487.640	500.000	-2.5
Aroclor-1260-4	8.231	8.127	8.327	528.640	500.000	5.7
Aroclor-1260-5	8.556	8.452	8.652	487.680	500.000	-2.5
Decachlorobiphenyl	10.425	10.319	10.519	48.820	50.000	-2.4
Tetrachloro-m-xylene	4.646	4.542	4.742	46.990	50.000	-6.0

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.879	4.778	4.978	528.020	500.000	5.6
Aroclor-1016-2	4.937	4.836	5.036	553.110	500.000	10.6
Aroclor-1016-3	5.057	4.954	5.154	499.640	500.000	-0.1
Aroclor-1016-4	5.098	4.996	5.196	547.630	500.000	9.5
Aroclor-1016-5	5.312	5.210	5.410	513.760	500.000	2.8
Aroclor-1260-1	6.339	6.238	6.438	507.530	500.000	1.5
Aroclor-1260-2	6.527	6.425	6.625	510.050	500.000	2.0
Aroclor-1260-3	6.680	6.578	6.778	527.650	500.000	5.5
Aroclor-1260-4	7.149	7.047	7.247	521.350	500.000	4.3
Aroclor-1260-5	7.390	7.287	7.487	505.960	500.000	1.2
Decachlorobiphenyl	8.785	8.682	8.882	46.960	50.000	-6.1
Tetrachloro-m-xylene	3.784	3.681	3.881	49.710	50.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 19:33

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 19:33

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.800	5.695	5.895	488.030	500.000	-2.4
Aroclor-1016-2	5.821	5.717	5.917	491.100	500.000	-1.8
Aroclor-1016-3	5.884	5.780	5.980	491.820	500.000	-1.6
Aroclor-1016-4	5.981	5.877	6.077	496.440	500.000	-0.7
Aroclor-1016-5	6.274	6.169	6.369	487.670	500.000	-2.5
Aroclor-1260-1	7.392	7.287	7.487	525.000	500.000	5.0
Aroclor-1260-2	7.644	7.540	7.740	492.510	500.000	-1.5
Aroclor-1260-3	8.002	7.899	8.099	511.510	500.000	2.3
Aroclor-1260-4	8.231	8.127	8.327	553.360	500.000	10.7
Aroclor-1260-5	8.556	8.452	8.652	504.440	500.000	0.9
Decachlorobiphenyl	10.425	10.319	10.519	50.330	50.000	0.7
Tetrachloro-m-xylene	4.647	4.542	4.742	48.150	50.000	-3.7

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.880	4.778	4.978	541.730	500.000	8.3
Aroclor-1016-2	4.939	4.836	5.036	554.500	500.000	10.9
Aroclor-1016-3	5.058	4.954	5.154	528.400	500.000	5.7
Aroclor-1016-4	5.099	4.996	5.196	555.970	500.000	11.2
Aroclor-1016-5	5.312	5.210	5.410	511.680	500.000	2.3
Aroclor-1260-1	6.340	6.238	6.438	521.230	500.000	4.2
Aroclor-1260-2	6.527	6.425	6.625	540.440	500.000	8.1
Aroclor-1260-3	6.680	6.578	6.778	546.110	500.000	9.2
Aroclor-1260-4	7.150	7.047	7.247	577.530	500.000	15.5
Aroclor-1260-5	7.389	7.287	7.487	556.220	500.000	11.2
Decachlorobiphenyl	8.784	8.682	8.882	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.784	3.681	3.881	51.410	50.000	2.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/22/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 23:37

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.42	10.42	10.32	10.52	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): 10/21/2025 10/21/2025

Continuing Calib Time: 23:37

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.797	5.695	5.895	479.930	500.000	-4.0
Aroclor-1016-2	5.818	5.717	5.917	473.690	500.000	-5.3
Aroclor-1016-3	5.881	5.780	5.980	479.690	500.000	-4.1
Aroclor-1016-4	5.978	5.877	6.077	484.760	500.000	-3.0
Aroclor-1016-5	6.270	6.169	6.369	460.940	500.000	-7.8
Aroclor-1260-1	7.388	7.287	7.487	500.800	500.000	0.2
Aroclor-1260-2	7.641	7.540	7.740	467.710	500.000	-6.5
Aroclor-1260-3	8.000	7.899	8.099	485.880	500.000	-2.8
Aroclor-1260-4	8.227	8.127	8.327	517.750	500.000	3.6
Aroclor-1260-5	8.553	8.452	8.652	475.440	500.000	-4.9
Decachlorobiphenyl	10.418	10.319	10.519	48.370	50.000	-3.3
Tetrachloro-m-xylene	4.644	4.542	4.742	47.950	50.000	-4.1

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):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.879	4.778	4.978	548.720	500.000	9.7
Aroclor-1016-2	4.936	4.836	5.036	627.760	500.000	25.6
Aroclor-1016-3	5.056	4.954	5.154	557.340	500.000	11.5
Aroclor-1016-4	5.097	4.996	5.196	578.510	500.000	15.7
Aroclor-1016-5	5.311	5.210	5.410	499.120	500.000	-0.2
Aroclor-1260-1	6.338	6.238	6.438	435.450	500.000	-12.9
Aroclor-1260-2	6.525	6.425	6.625	459.310	500.000	-8.1
Aroclor-1260-3	6.678	6.578	6.778	488.450	500.000	-2.3
Aroclor-1260-4	7.147	7.047	7.247	477.190	500.000	-4.6
Aroclor-1260-5	7.387	7.287	7.487	451.150	500.000	-9.8
Decachlorobiphenyl	8.782	8.682	8.882	42.880	50.000	-14.2
Tetrachloro-m-xylene	3.783	3.681	3.881	54.340	50.000	8.7

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/21/2025 10/21/2025

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	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	10.43	4.65
IBLK	IBLK	10/22/2025	16:01	PP075940.D	10.43	4.65
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	10.43	4.65
IBLK	IBLK	10/22/2025	21:10	PP075954.D	10.42	4.64
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	10.42	4.64
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	10.42	4.65
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	10.42	4.64
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	10.42	4.64
IBLK	IBLK	10/23/2025	01:14	PP075964.D	10.42	4.64

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/21/2025 10/21/2025

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	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	8.79	3.78
IBLK	IBLK	10/22/2025	16:01	PP075940.D	8.79	3.78
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	8.79	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	8.78	3.78
IBLK	IBLK	10/22/2025	21:10	PP075954.D	8.78	3.78
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	8.78	3.78
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	8.78	3.78
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	8.78	3.79
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	8.78	3.78
IBLK	IBLK	10/23/2025	01:14	PP075964.D	8.78	3.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170204BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170204BS

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

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP075956.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.799	5.749	5.849	186	185	4.99
COLUMN 1	2	5.82	5.77	5.87	187		
	3	5.883	5.833	5.933	185		
	4	5.98	5.93	6.03	189		
	5	6.273	6.223	6.323	180		
	1	4.879	4.829	4.929	187		
COLUMN 2	2	4.938	4.888	4.988	178	176	
	3	5.056	5.006	5.106	164		
	4	5.096	5.046	5.146	185		
	5	5.311	5.261	5.361	168		
Aroclor-1260	1	7.391	7.341	7.441	206	193	5.05
COLUMN 1	2	7.644	7.594	7.694	192		
	3	8.002	7.952	8.052	169		
	4	8.229	8.179	8.279	224		
	5	8.555	8.505	8.605	172		
	1	6.339	6.289	6.389	203	203	
COLUMN 2	2	6.526	6.476	6.576	207		
	3	6.679	6.629	6.729	214		
	4	7.148	7.098	7.198	201		
	5	7.388	7.338	7.438	189		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-08-10212025MS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3416-01MS

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

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP075958.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.796	5.746	5.846	140	141	1.43
COLUMN 1	2	5.818	5.768	5.868	128		
	3	5.881	5.831	5.931	138		
	4	5.978	5.928	6.028	154		
	5	6.27	6.22	6.32	144		
	1	4.88	4.83	4.93	130		
COLUMN 2	2	4.937	4.887	4.987	133	139	
	3	5.058	5.008	5.108	137		
	4	5.1	5.05	5.15	143		
	5	5.312	5.262	5.362	153		
Aroclor-1260	1	7.388	7.338	7.438	161	151	22.06
COLUMN 1	2	7.641	7.591	7.691	153		
	3	8	7.95	8.05	130		
	4	8.227	8.177	8.277	177		
	5	8.553	8.503	8.603	136		
	1	6.341	6.291	6.391	120		
COLUMN 2	2	6.527	6.477	6.577	122	121	
	3	6.68	6.63	6.73	126		
	4	7.149	7.099	7.199	119		
	5	7.389	7.339	7.439	117		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-08-10212025MSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3416-01MSD

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

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP075959.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.797	5.747	5.847	138	137	3.72
COLUMN 1	2	5.819	5.769	5.869	126		
	3	5.882	5.832	5.932	135		
	4	5.979	5.929	6.029	148		
	5	6.272	6.222	6.322	136		
	1	4.879	4.829	4.929	125		
COLUMN 2	2	4.938	4.888	4.988	125	132	
	3	5.056	5.006	5.106	131		
	4	5.097	5.047	5.147	143		
	5	5.313	5.263	5.363	136		
Aroclor-1260	1	7.39	7.34	7.44	150	143	20
COLUMN 1	2	7.643	7.593	7.693	143		
	3	8.001	7.951	8.051	123		
	4	8.229	8.179	8.279	168		
	5	8.555	8.505	8.605	129		
	1	6.34	6.29	6.39	117		
COLUMN 2	2	6.527	6.477	6.577	123	117	
	3	6.68	6.63	6.73	122		
	4	7.149	7.099	7.199	115		
	5	7.388	7.338	7.438	109		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:27
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.647	3.784	32064310	149.0E6	22.437	22.506
2) SA Decachlor...	10.425	8.785	19364317	133.9E6	17.988	16.288

Target Compounds

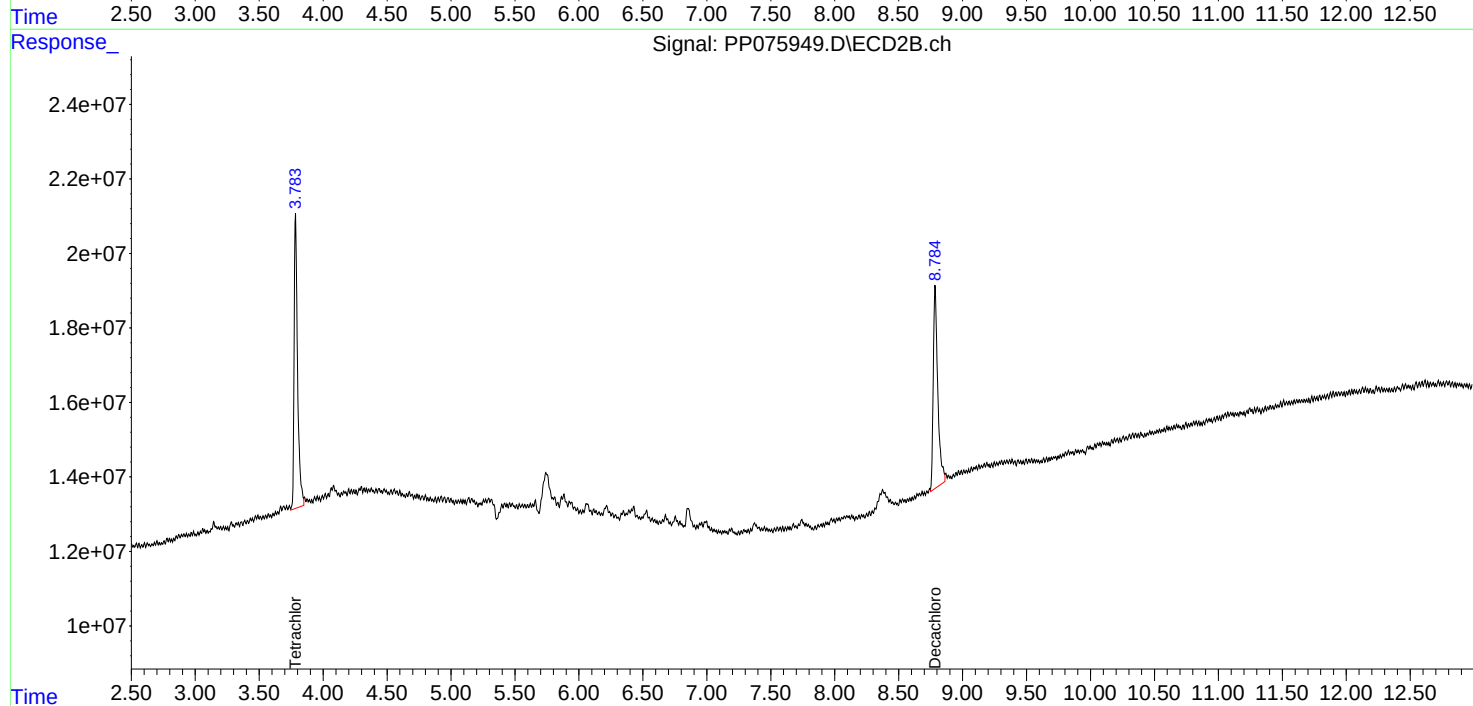
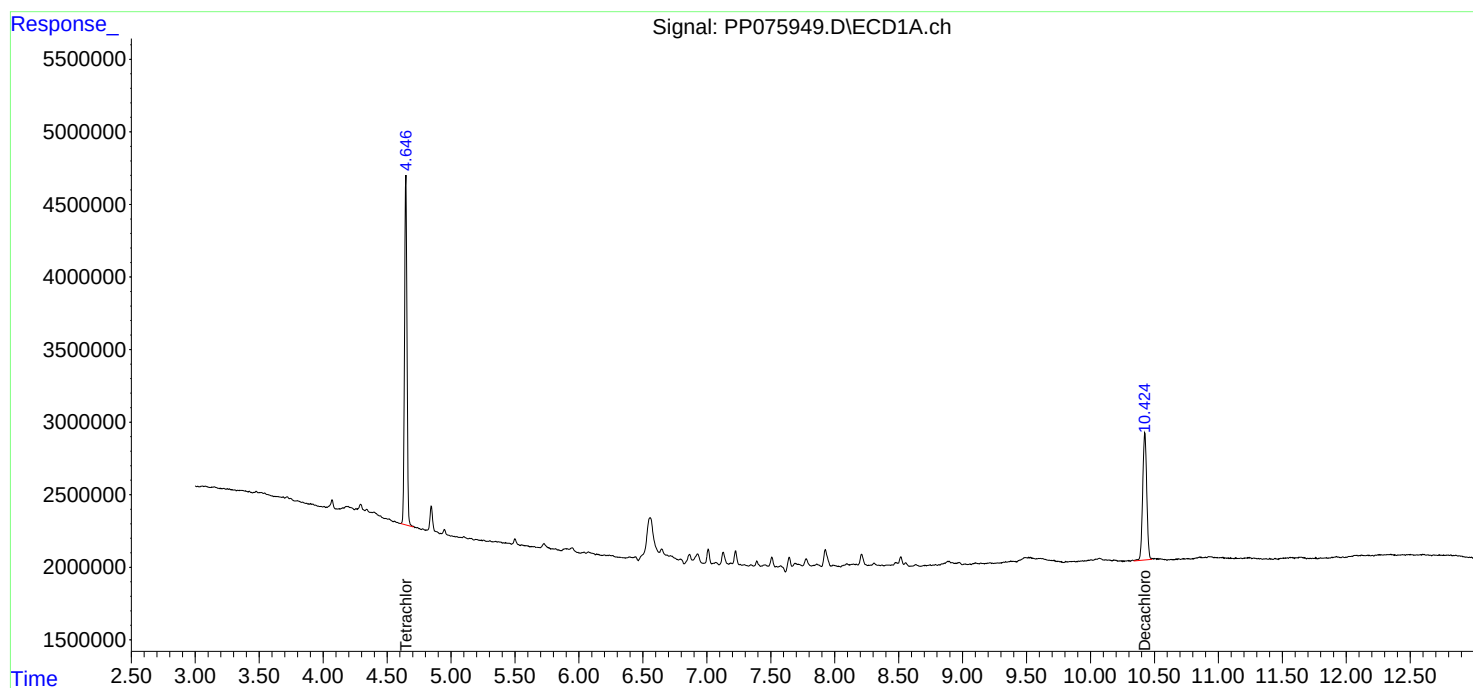
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:27
Operator : YP\AJ
Sample : Q3399-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

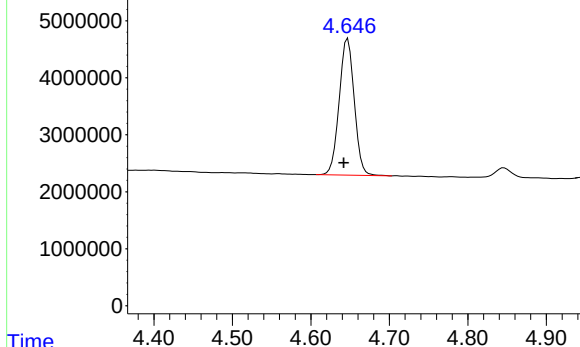
Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP075949.D\ECD1A.ch

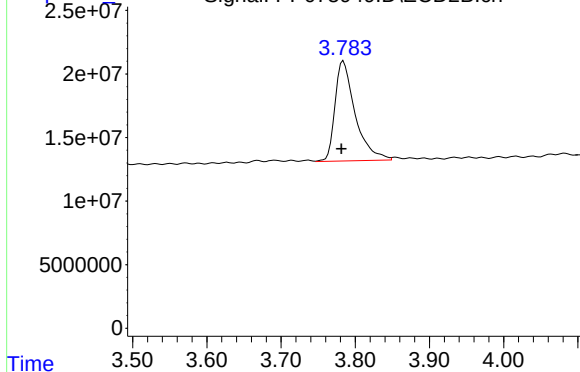


#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 32064310
Conc: 22.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
COMP-ROLLOFF

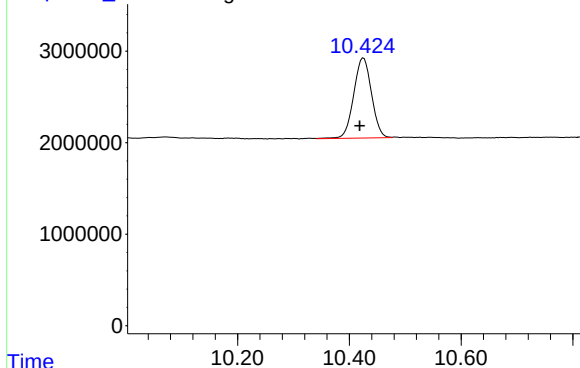
Response_ Signal: PP075949.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 148952411
Conc: 22.51 ng/ml

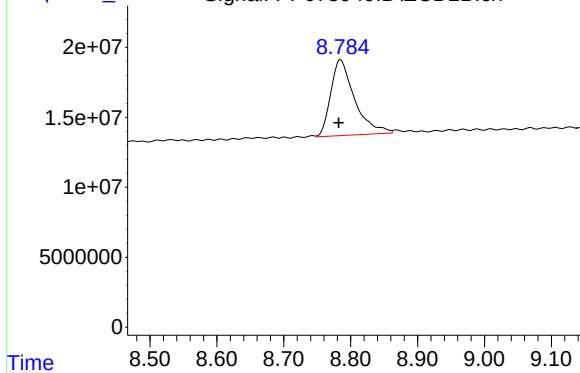
Response_ Signal: PP075949.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.006 min
Response: 19364317
Conc: 17.99 ng/ml

Response_ Signal: PP075949.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 133937699
Conc: 16.29 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:26
Operator : YP\AJ
Sample : PB170204BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BL

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: Nov 01 08:37:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.643	3.783	33227324	139.5E6	23.251	21.081
2) SA Decachlor...	10.419	8.782	26824455	188.9E6	24.918	22.975

Target Compounds

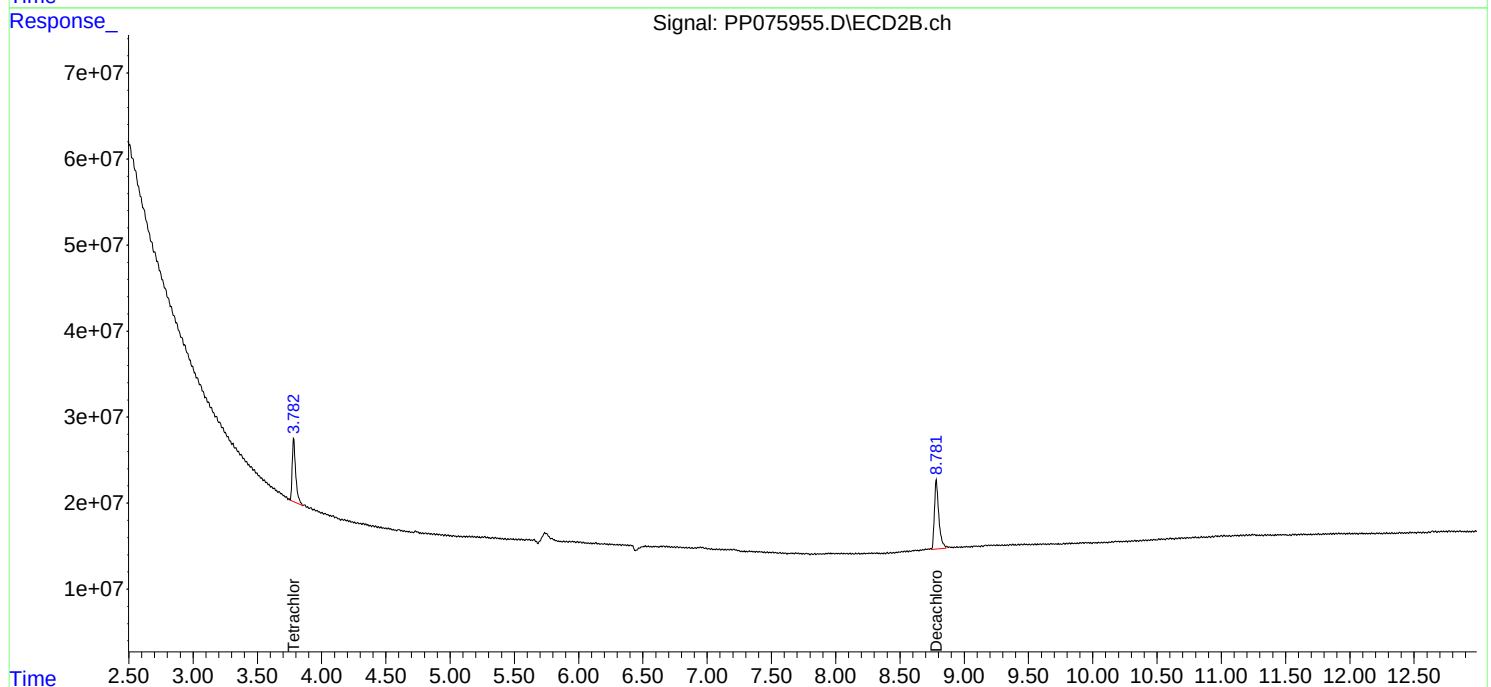
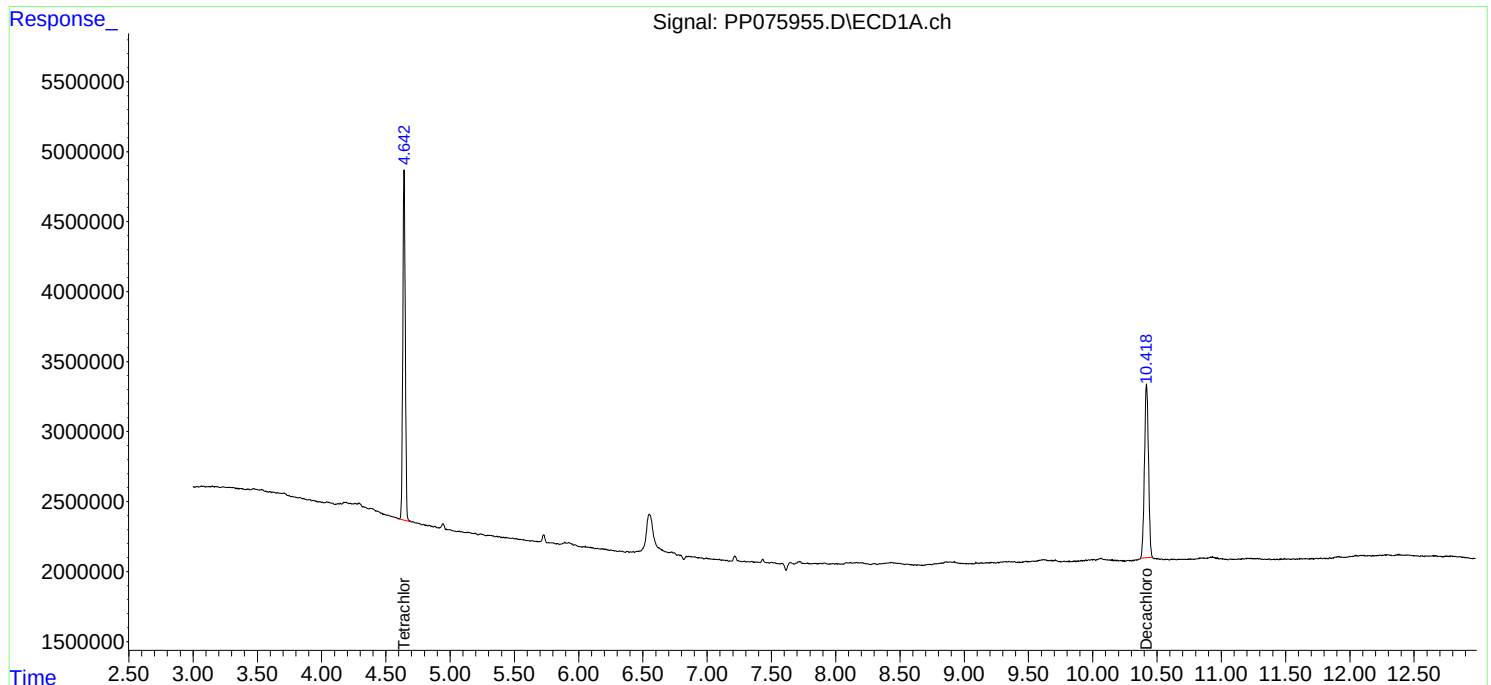
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

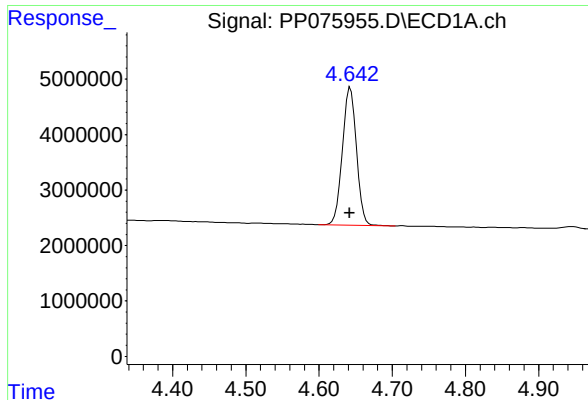
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:26
Operator : YP\AJ
Sample : PB170204BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:37:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

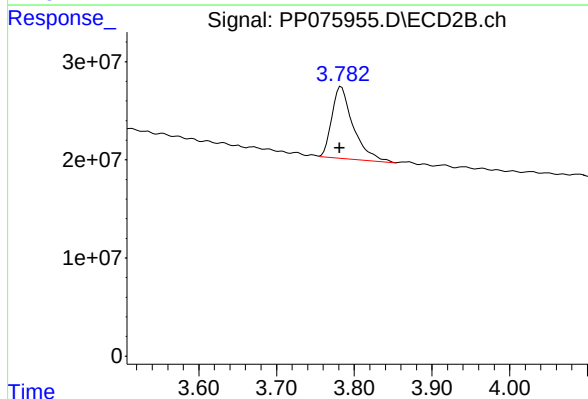




#1 Tetrachloro-m-xylene

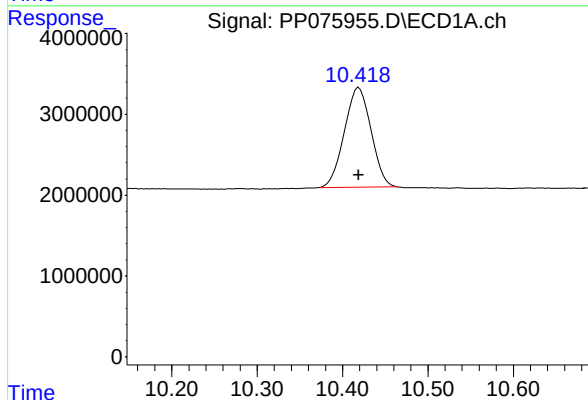
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 33227324
Conc: 23.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170204BL



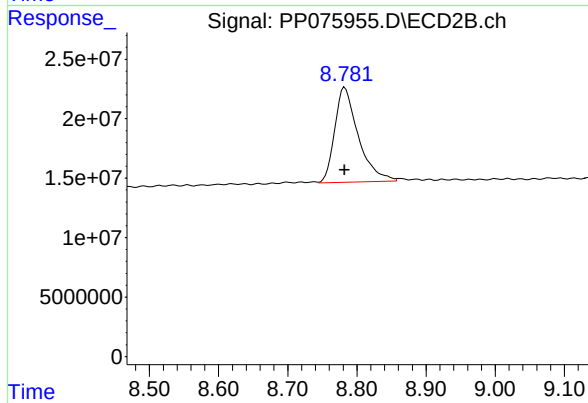
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 139516983
Conc: 21.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 26824455
Conc: 24.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 188922061
Conc: 22.97 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
 Data File : PP075956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 21:43
 Operator : YP\AJ
 Sample : PB170204BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB170204BS

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: Nov 01 08:08:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.646	3.783	34323783	144.6E6	24.018	21.842
2) SA Decachlor...	10.422	8.782	26699521	190.2E6	24.802	23.131
Target Compounds						
3) L1 AR-1016-1	5.799	4.879	33059829	415.0E6	559.141	560.707
4) L1 AR-1016-2	5.820	4.938	49640848	182.5E6	561.268	533.631
5) L1 AR-1016-3	5.883	5.056	30760104	101.1E6	555.728	492.565
6) L1 AR-1016-4	5.980	5.096	25723565	103.7E6	566.097	554.878
7) L1 AR-1016-5	6.273	5.311	23454071	115.0E6	540.348	504.553
31) L7 AR-1260-1	7.391	6.339	42616409	334.0E6	619.815	609.835
32) L7 AR-1260-2	7.644	6.526	51722621	505.6E6	577.408	621.295
33) L7 AR-1260-3	8.002	6.679	35058707	361.2E6	505.996	641.804 #
34) L7 AR-1260-4	8.229	7.148	46181405	313.8E6	673.479	604.206
35) L7 AR-1260-5	8.555	7.388	76187356	767.2E6	514.948	565.940

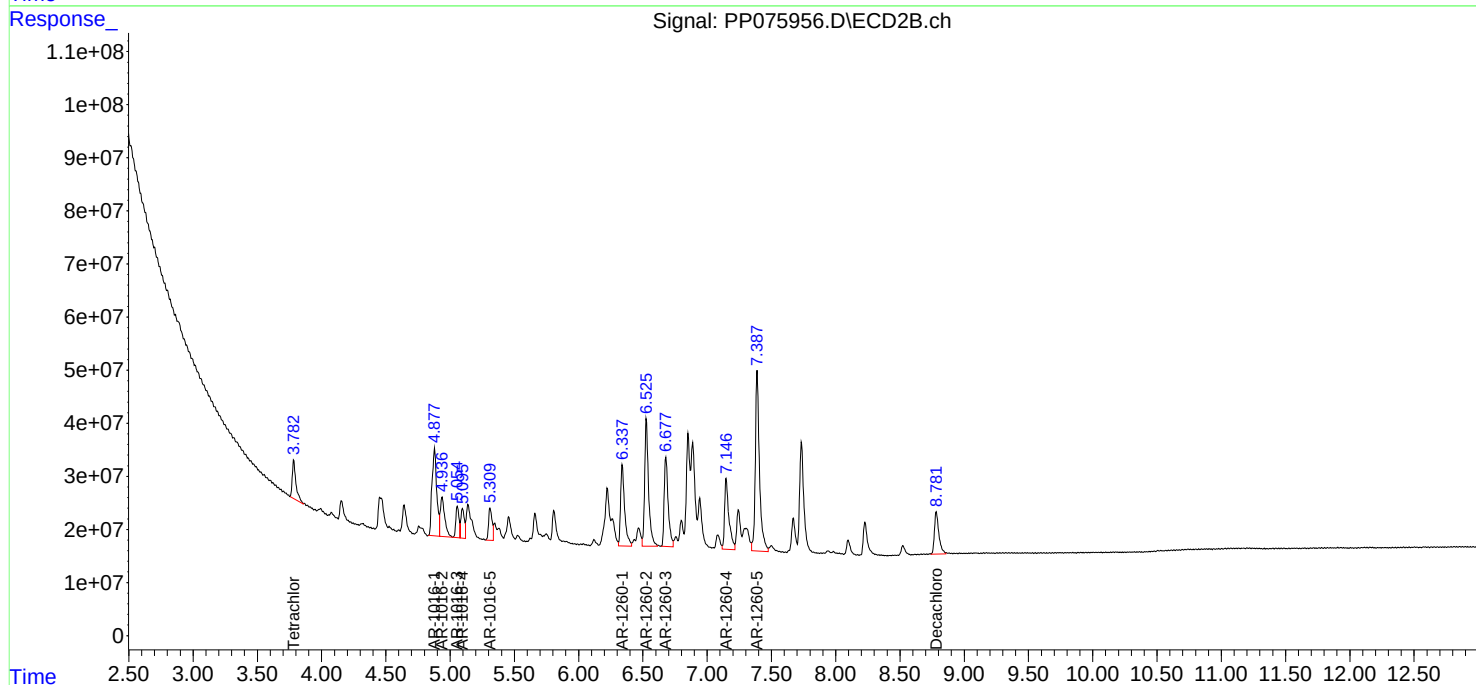
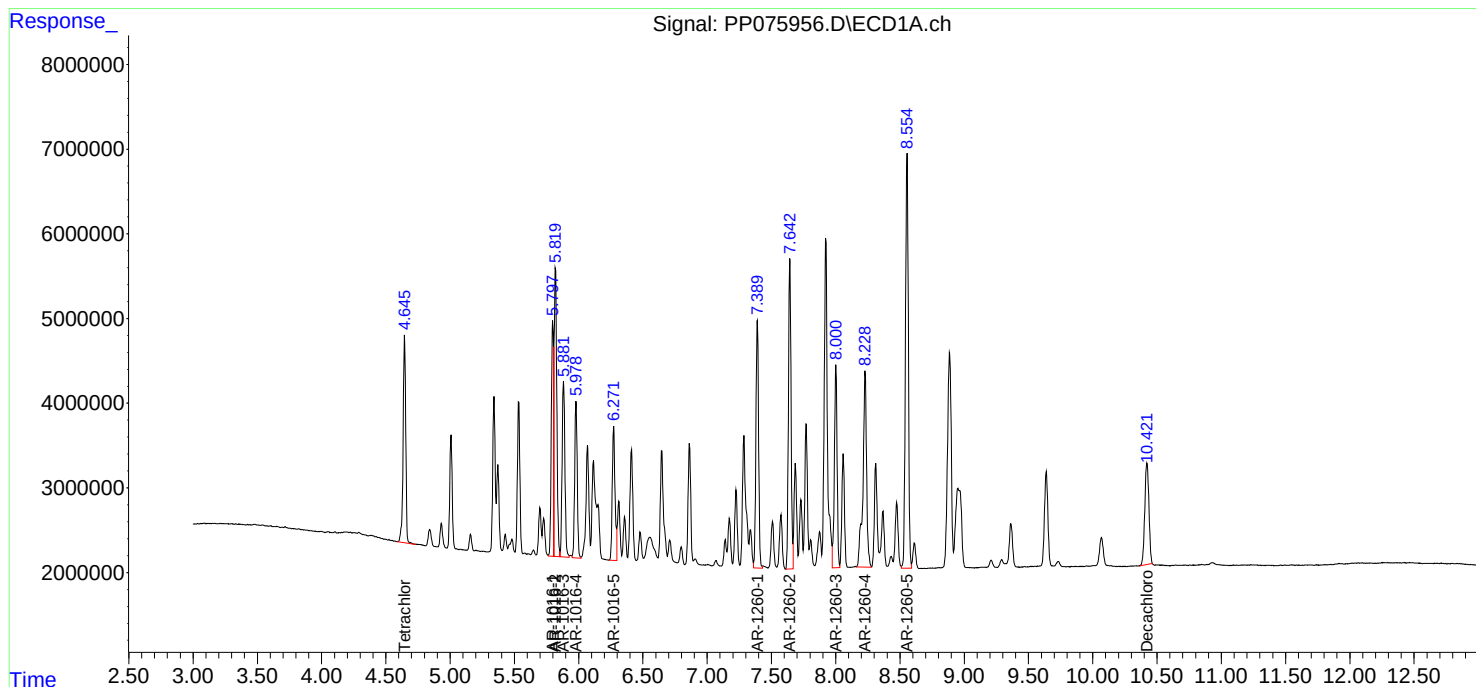
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 21:43
Operator : YP\AJ
Sample : PB170204BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170204BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 08:08:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
 Data File : PP075958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 22:15
 Operator : YP\AJ
 Sample : Q3416-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 NB-08-10212025MS

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 13:38:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.644	3.785	28888464	151.5E6	20.215	22.896
2)	SA Decachlor...	10.419	8.784	25933232	149.3E6	24.090	18.151
Target Compounds							
3)	L1 AR-1016-1	5.796	4.880	23318738	270.7E6	394.390	365.691
4)	L1 AR-1016-2	5.818	4.937	31840369	128.3E6	360.006	375.083
5)	L1 AR-1016-3	5.881	5.058	21475181	79541384	387.982	387.360
6)	L1 AR-1016-4	5.978	5.100	19772333	75639956	435.129	404.739
7)	L1 AR-1016-5	6.270	5.312	17679211	98580142	407.303	432.401
31)	L7 AR-1260-1	7.388	6.341	31190951	186.2E6	453.643	339.943 #
32)	L7 AR-1260-2	7.641	6.527	38634916	280.6E6	431.303	344.832
33)	L7 AR-1260-3	8.000	6.680	25447967	200.3E6	367.286	356.004
34)	L7 AR-1260-4	8.227	7.149	34260861	174.6E6	499.638	336.263 #
35)	L7 AR-1260-5	8.553	7.389	56612837	446.8E6	382.644	329.609

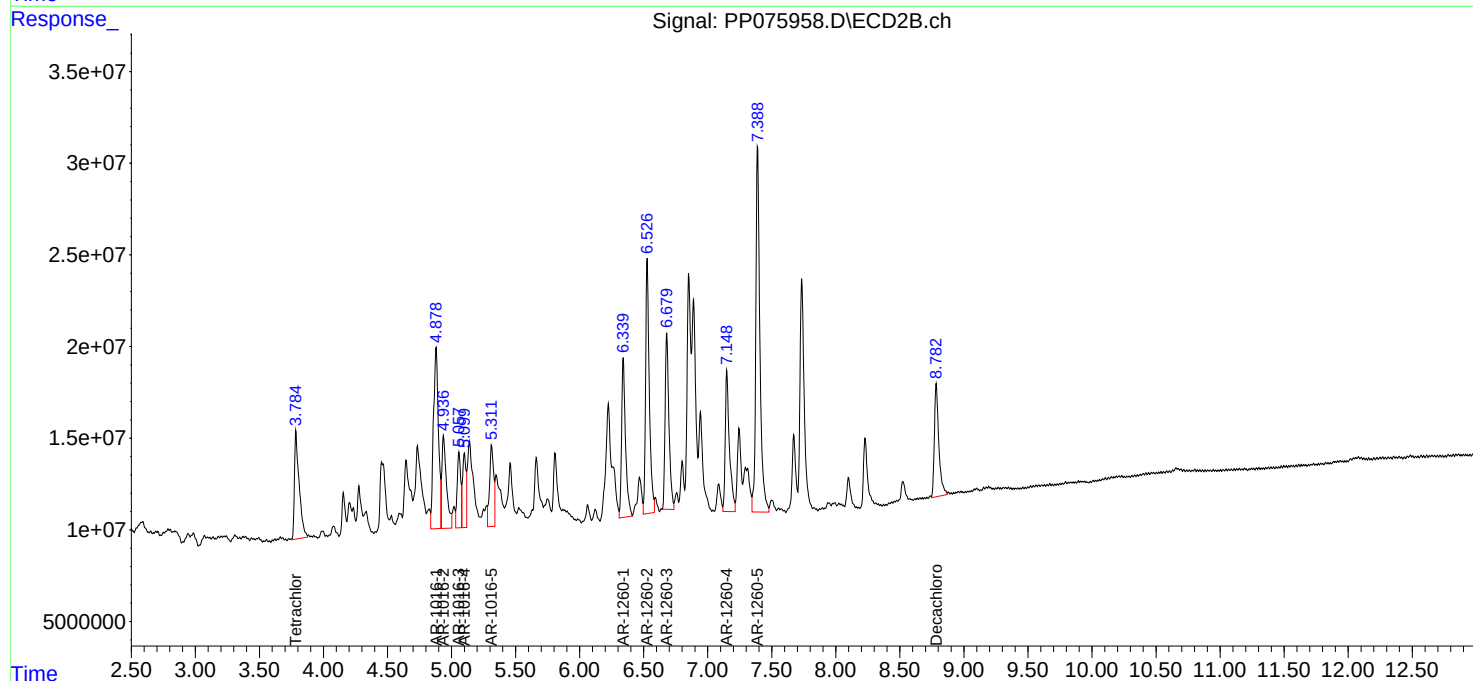
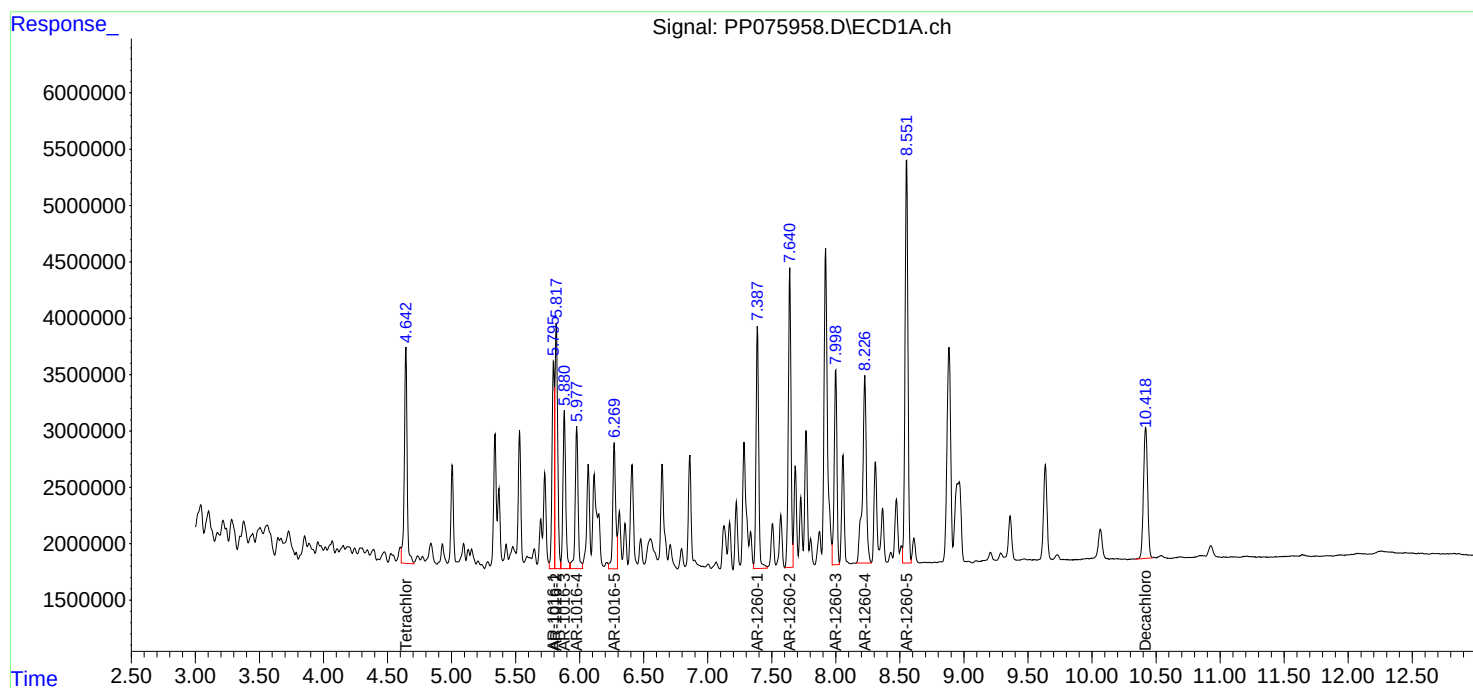
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:15
Operator : YP\AJ
Sample : Q3416-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
 Data File : PP075959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 22:31
 Operator : YP\AJ
 Sample : Q3416-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 NB-08-10212025MSD

A
B
C
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K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 13:39:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.645	3.784	28057009	140.7E6	19.633	21.259
2)	SA Decachlor...	10.421	8.782	24291653	137.3E6	22.565	16.700 #
Target Compounds							
3)	L1 AR-1016-1	5.797	4.879	23006920	261.8E6	389.116	353.645
4)	L1 AR-1016-2	5.819	4.938	31527550	120.7E6	356.469	352.891
5)	L1 AR-1016-3	5.882	5.056	21098430	75841645	381.175	369.342
6)	L1 AR-1016-4	5.979	5.097	18908817	75602896	416.125	404.541
7)	L1 AR-1016-5	6.272	5.313	16652302	87510468	383.645	383.847
31)	L7 AR-1260-1	7.390	6.340	29010289	181.2E6	421.927	330.832
32)	L7 AR-1260-2	7.643	6.527	36082186	282.9E6	402.805	347.597
33)	L7 AR-1260-3	8.001	6.680	24126303	192.8E6	348.210	342.599
34)	L7 AR-1260-4	8.229	7.149	32551538	168.5E6	474.710	324.392 #
35)	L7 AR-1260-5	8.555	7.388	53854802	416.1E6	364.003	306.930

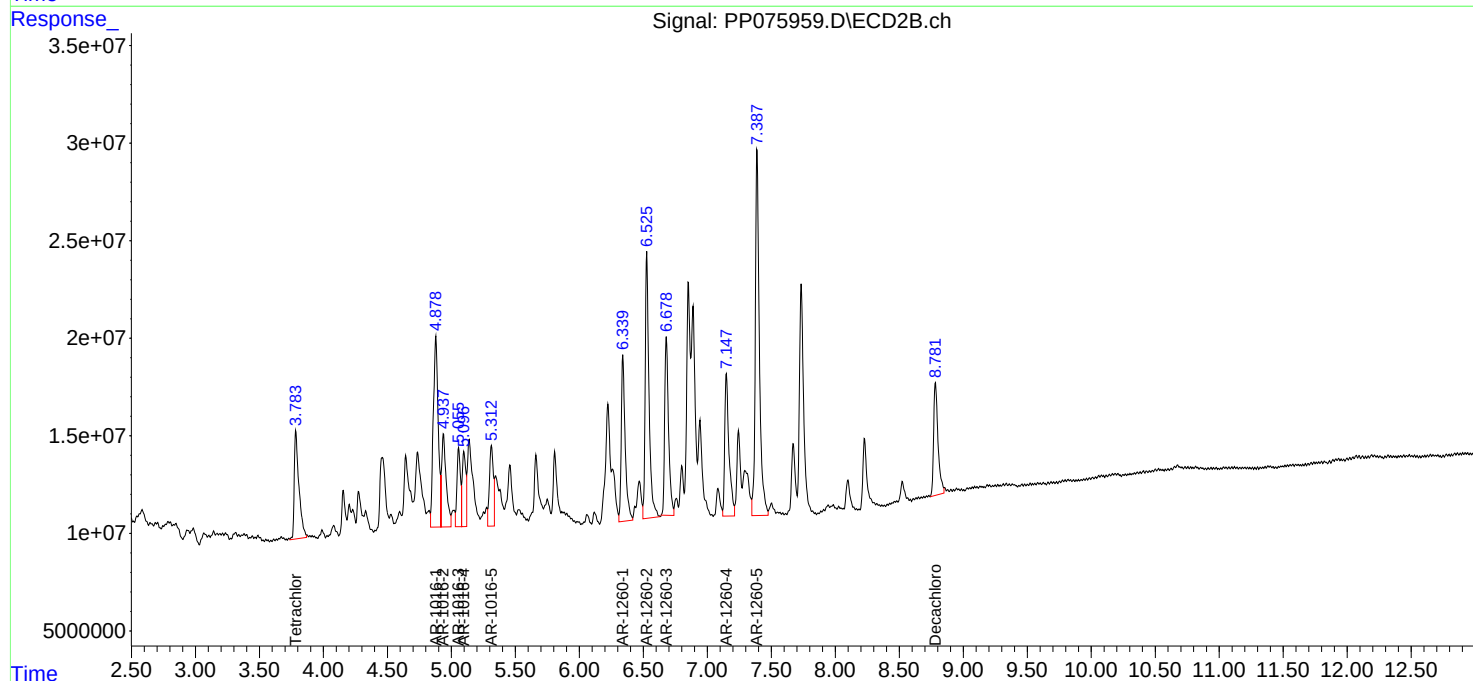
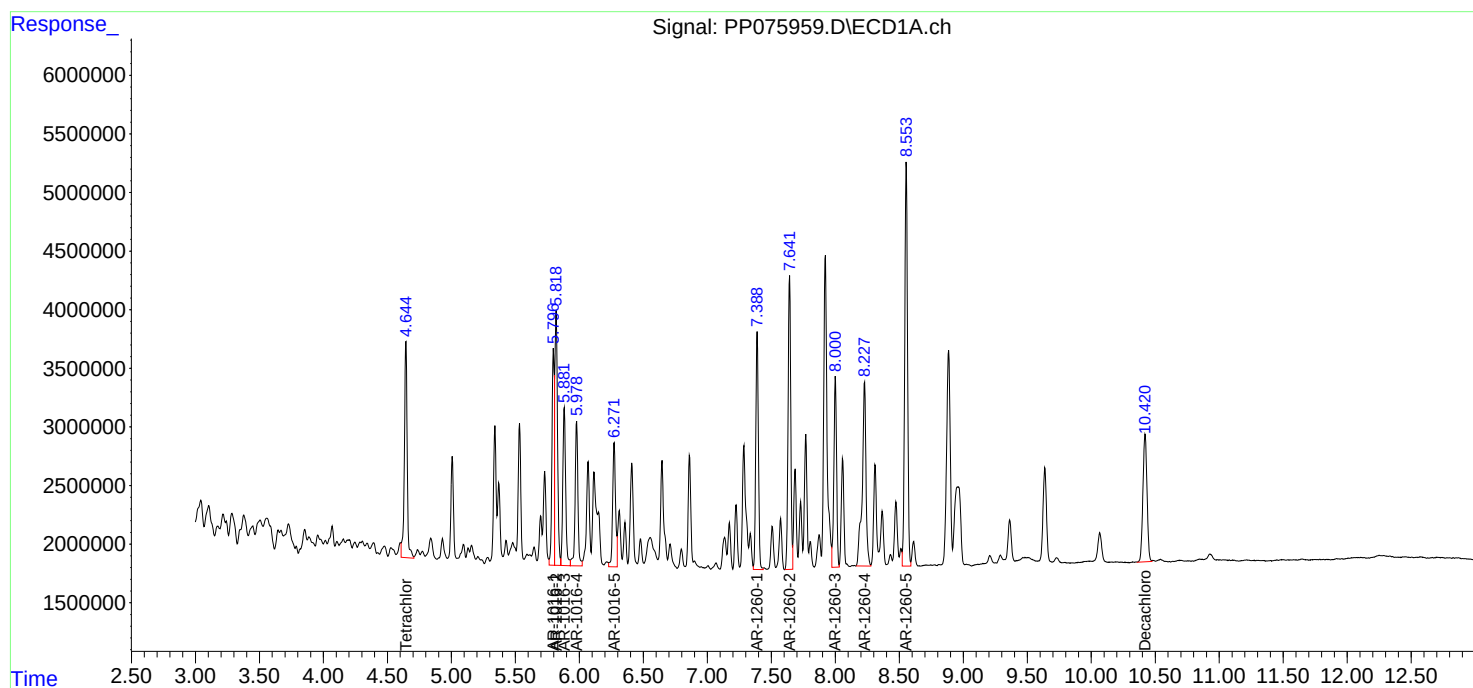
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102225\
Data File : PP075959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 22:31
Operator : YP\AJ
Sample : Q3416-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
NB-08-10212025MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC100 0	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC100 0	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC100 0	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:	pp102225	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP075924.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:18 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC500	PP075924.D	AR-1242-5 #2	yogesh	10/23/2025 4:57:18 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC500	PP075925.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:21 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC500	PP075925.D	AR-1248-4 #2	yogesh	10/23/2025 4:57:21 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075926.D	AR-1254-1	yogesh	10/23/2025 4:57:23 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC500	PP075937.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:34 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC500	PP075938.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:36 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC500	PP075951.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:48 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC500	PP075952.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:49 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075953.D	AR-1254-1	yogesh	10/23/2025 4:57:51 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075953.D	Tetrachloro-m-xylene	yogesh	10/23/2025 4:57:51 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1242CCC500	PP075961.D	AR-1242-4 #2	yogesh	10/23/2025 4:57:53 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1248CCC500	PP075962.D	AR-1248-3 #2	yogesh	10/23/2025 4:57:55 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software

Manual Integration Report

Sequence:	pp102225	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP075962.D	AR-1248-5 #2	yogesh	10/23/2025 4:57:55 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-1	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-1 #2	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software
AR1254CCC500	PP075963.D	AR-1254-2 #2	yogesh	10/23/2025 4:57:56 PM	mohammad	10/27/2025 7:09:09	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM
SubDirectory	PP102225	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075922.D	22 Oct 2025 10:15	YP\AJ	Ok
2	AR1660CCC500	PP075923.D	22 Oct 2025 10:32	YP\AJ	Ok
3	AR1242CCC500	PP075924.D	22 Oct 2025 10:52	YP\AJ	Ok,M
4	AR1248CCC500	PP075925.D	22 Oct 2025 11:08	YP\AJ	Ok,M
5	AR1254CCC500	PP075926.D	22 Oct 2025 11:24	YP\AJ	Ok,M
6	I.BLK	PP075927.D	22 Oct 2025 11:40	YP\AJ	Ok
7	Q3407-13	PP075928.D	22 Oct 2025 11:57	YP\AJ	Ok,M
8	Q3407-14	PP075929.D	22 Oct 2025 12:13	YP\AJ	Ok,M
9	Q3407-15	PP075930.D	22 Oct 2025 12:29	YP\AJ	Ok
10	Q3407-16	PP075931.D	22 Oct 2025 12:45	YP\AJ	Ok,M
11	Q3407-17	PP075932.D	22 Oct 2025 13:02	YP\AJ	Ok,M
12	Q3407-18	PP075933.D	22 Oct 2025 13:18	YP\AJ	Ok,M
13	Q3407-19	PP075934.D	22 Oct 2025 13:34	YP\AJ	Ok
14	Q3407-20	PP075935.D	22 Oct 2025 13:51	YP\AJ	Ok
15	AR1660CCC500	PP075936.D	22 Oct 2025 14:56	YP\AJ	Ok
16	AR1242CCC500	PP075937.D	22 Oct 2025 15:12	YP\AJ	Ok,M
17	AR1248CCC500	PP075938.D	22 Oct 2025 15:28	YP\AJ	Ok,M
18	AR1254CCC500	PP075939.D	22 Oct 2025 15:45	YP\AJ	Ok
19	I.BLK	PP075940.D	22 Oct 2025 16:01	YP\AJ	Ok
20	PB170199BL	PP075941.D	22 Oct 2025 16:17	YP\AJ	Ok
21	PB170199BS	PP075942.D	22 Oct 2025 16:34	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM
SubDirectory	PP102225	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3415-01	PP075943.D	22 Oct 2025 16:50	YP\AJ	Dilution
23	Q3415-02	PP075944.D	22 Oct 2025 17:06	YP\AJ	Dilution
24	Q3415-03	PP075945.D	22 Oct 2025 17:22	YP\AJ	Dilution
25	Q3418-01	PP075946.D	22 Oct 2025 17:39	YP\AJ	Ok,M
26	Q3418-02	PP075947.D	22 Oct 2025 17:55	YP\AJ	Ok
27	Q3418-03	PP075948.D	22 Oct 2025 18:11	YP\AJ	Ok,M
28	Q3399-01	PP075949.D	22 Oct 2025 18:27	YP\AJ	Ok
29	AR1660CCC500	PP075950.D	22 Oct 2025 19:33	YP\AJ	Ok
30	AR1242CCC500	PP075951.D	22 Oct 2025 20:21	YP\AJ	Ok,M
31	AR1248CCC500	PP075952.D	22 Oct 2025 20:38	YP\AJ	Ok,M
32	AR1254CCC500	PP075953.D	22 Oct 2025 20:54	YP\AJ	Ok,M
33	I.BLK	PP075954.D	22 Oct 2025 21:10	YP\AJ	Ok
34	PB170204BL	PP075955.D	22 Oct 2025 21:26	YP\AJ	Ok
35	PB170204BS	PP075956.D	22 Oct 2025 21:43	YP\AJ	Ok
36	Q3416-01	PP075957.D	22 Oct 2025 21:59	YP\AJ	Ok
37	Q3416-01MS	PP075958.D	22 Oct 2025 22:15	YP\AJ	Ok
38	Q3416-01MSD	PP075959.D	22 Oct 2025 22:31	YP\AJ	Ok
39	AR1660CCC500	PP075960.D	22 Oct 2025 23:37	YP\AJ	Ok,NR
40	AR1242CCC500	PP075961.D	23 Oct 2025 00:25	YP\AJ	Ok,M
41	AR1248CCC500	PP075962.D	23 Oct 2025 00:41	YP\AJ	Ok,M
42	AR1254CCC500	PP075963.D	23 Oct 2025 00:58	YP\AJ	Ok,M
43	I.BLK	PP075964.D	23 Oct 2025 01:14	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YPIAJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YPIAJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YPIAJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YPIAJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM
SubDirectory	PP102225	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075922.D	22 Oct 2025 10:15		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP075923.D	22 Oct 2025 10:32		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP075924.D	22 Oct 2025 10:52		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP075925.D	22 Oct 2025 11:08		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP075926.D	22 Oct 2025 11:24		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP075927.D	22 Oct 2025 11:40		YP\AJ	Ok
7	Q3407-13	L41-A	PP075928.D	22 Oct 2025 11:57	AR1254 hit	YP\AJ	Ok,M
8	Q3407-14	L41-B	PP075929.D	22 Oct 2025 12:13	AR1254 hit	YP\AJ	Ok,M
9	Q3407-15	L42-A	PP075930.D	22 Oct 2025 12:29		YP\AJ	Ok
10	Q3407-16	L42-B	PP075931.D	22 Oct 2025 12:45		YP\AJ	Ok,M
11	Q3407-17	L43-A	PP075932.D	22 Oct 2025 13:02		YP\AJ	Ok,M
12	Q3407-18	L43-B	PP075933.D	22 Oct 2025 13:18		YP\AJ	Ok,M
13	Q3407-19	L44-A	PP075934.D	22 Oct 2025 13:34	DCB high in 1st column	YP\AJ	Ok
14	Q3407-20	L44-B	PP075935.D	22 Oct 2025 13:51		YP\AJ	Ok
15	AR1660CCC500	AR1660CCC500	PP075936.D	22 Oct 2025 14:56		YP\AJ	Ok
16	AR1242CCC500	AR1242CCC500	PP075937.D	22 Oct 2025 15:12		YP\AJ	Ok,M
17	AR1248CCC500	AR1248CCC500	PP075938.D	22 Oct 2025 15:28		YP\AJ	Ok,M
18	AR1254CCC500	AR1254CCC500	PP075939.D	22 Oct 2025 15:45		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM
SubDirectory	PP102225	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK	I.BLK	PP075940.D	22 Oct 2025 16:01		YPIAJ	Ok
20	PB170199BL	PB170199BL	PP075941.D	22 Oct 2025 16:17		YPIAJ	Ok
21	PB170199BS	PB170199BS	PP075942.D	22 Oct 2025 16:34	pass in PSEG criteria	YPIAJ	Ok,M
22	Q3415-01	50841	PP075943.D	22 Oct 2025 16:50	need 10x dilution ,AR1242 Hit	YPIAJ	Dilution
23	Q3415-02	50842	PP075944.D	22 Oct 2025 17:06	need 5x dilution , tcmx high im sec column ,AR1242 Hit	YPIAJ	Dilution
24	Q3415-03	50843	PP075945.D	22 Oct 2025 17:22	need 20x dilution , tcmx high im1st column ,AR1242 Hit	YPIAJ	Dilution
25	Q3418-01	101725	PP075946.D	22 Oct 2025 17:39	AR1016 HIT, TCMX high second column	YPIAJ	Ok,M
26	Q3418-02	101625-A	PP075947.D	22 Oct 2025 17:55	AR1016 HIT	YPIAJ	Ok
27	Q3418-03	101625-B	PP075948.D	22 Oct 2025 18:11	AR1016 HIT	YPIAJ	Ok,M
28	Q3399-01	COMP-ROLLOFF	PP075949.D	22 Oct 2025 18:27		YPIAJ	Ok
29	AR1660CCC500	AR1660CCC500	PP075950.D	22 Oct 2025 19:33		YPIAJ	Ok
30	AR1242CCC500	AR1242CCC500	PP075951.D	22 Oct 2025 20:21		YPIAJ	Ok,M
31	AR1248CCC500	AR1248CCC500	PP075952.D	22 Oct 2025 20:38		YPIAJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PP075953.D	22 Oct 2025 20:54		YPIAJ	Ok,M
33	I.BLK	I.BLK	PP075954.D	22 Oct 2025 21:10		YPIAJ	Ok
34	PB170204BL	PB170204BL	PP075955.D	22 Oct 2025 21:26		YPIAJ	Ok
35	PB170204BS	PB170204BS	PP075956.D	22 Oct 2025 21:43		YPIAJ	Ok
36	Q3416-01	NB-08-10212025	PP075957.D	22 Oct 2025 21:59		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102225

Review By	yogesh	Review On	10/22/2025 11:56:05 AM
Supervise By	mohammad	Supervise On	10/27/2025 7:09:09 AM
SubDirectory	PP102225	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

37	Q3416-01MS	NB-08-10212025MS	PP075958.D	22 Oct 2025 22:15		YPIAJ	Ok
38	Q3416-01MSD	NB-08-10212025MSD	PP075959.D	22 Oct 2025 22:31		YPIAJ	Ok
39	AR1660CCC500	AR1660CCC500	PP075960.D	22 Oct 2025 23:37		YPIAJ	Ok,NR
40	AR1242CCC500	AR1242CCC500	PP075961.D	23 Oct 2025 00:25		YPIAJ	Ok,M
41	AR1248CCC500	AR1248CCC500	PP075962.D	23 Oct 2025 00:41		YPIAJ	Ok,M
42	AR1254CCC500	AR1254CCC500	PP075963.D	23 Oct 2025 00:58		YPIAJ	Ok,M
43	I.BLK	I.BLK	PP075964.D	23 Oct 2025 01:14		YPIAJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH **Extraction By:** EH

Balance check: EH **Filter By:** RS

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:20

Extraction End Date : 10/22/2025

Extraction End Time : 12:45

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
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	EP2652
Hexane	N/A	E3978
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
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: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext Lab)	JK Test/Per Lab
12:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

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				
PB170204BL	ABLK204	PCB	30.03	N/A	Evelyn	RUPESE	10			U1-1
PB170204BS	ALCS204	PCB	30.02	N/A	Evelyn	RUPESE	10			2
Q3399-01	COMP-ROLLOFF	PCB	30.06	N/A	Evelyn	RUPESE	10	C		3
Q3404-01	MOO-25-0285-0288	PCB	30.09	N/A	Evelyn	RUPESE	10	E		4
Q3404-04	MOO-25-0292	PCB	30.02	N/A	Evelyn	RUPESE	10	E	Small Particles	5
Q3408-01	ASPHALT-A	PCB	30.05	N/A	Evelyn	RUPESE	10			6
Q3408-02	ASPHALT-B	PCB	30.08	N/A	Evelyn	RUPESE	10			U2-1
Q3408-03	ASPHALT-C	PCB	30.01	N/A	Evelyn	RUPESE	10			2
Q3408-04	ASPHALT-D	PCB	30.04	N/A	Evelyn	RUPESE	10			3
Q3409-01	EXCAVATION-AREA-A	PCB	30.06	N/A	Evelyn	RUPESE	10	B		4
Q3409-02	EXCAVATION-AREA-B	PCB	30.09	N/A	Evelyn	RUPESE	10	B		5
Q3414-01	SB-1	PCB	30.02	N/A	Evelyn	RUPESE	10	B		6
Q3414-02	SB-2	PCB	30.08	N/A	Evelyn	RUPESE	10	B		U3-1
Q3414-03	SB-3	PCB	30.06	N/A	Evelyn	RUPESE	10	B		2
Q3414-04	SB-4	PCB	30.04	N/A	Evelyn	RUPESE	10	B		3
Q3414-05	SB-5	PCB	30.07	N/A	Evelyn	RUPESE	10	B		4
Q3414-06	SB-6	PCB	30.10	N/A	Evelyn	RUPESE	10	B		5
Q3414-07	SB-7	PCB	30.03	N/A	Evelyn	RUPESE	10	B		6
Q3414-08	SB-8	PCB	30.06	N/A	Evelyn	RUPESE	10	B		U5-1
Q3414-09	SB-9	PCB	30.09	N/A	Evelyn	RUPESE	10	B		2
Q3414-10	SB-10	PCB	30.02	N/A	Evelyn	RUPESE	10	B		3
Q3416-01	NB-08-10212025	PCB	30.05	N/A	Evelyn	RUPESE	10	E		4
Q3416-01MS	NB-08-10212025MS	PCB	30.08	N/A	Evelyn	RUPESE	10	E		5
Q3416-01MS D	NB-08-10212025MSD	PCB	30.06	N/A	Evelyn	RUPESE	10	E		6

RS
10/22

1792264

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399 WorkList ID : 192606 Department : Extraction Date : 10-22-2025 08:50:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	PCB	Cool 4 deg C	ICES02	D41	10/20/2025	8082A
Q3404-01	MOO-25-0285-0288	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3404-04	MOO-25-0292	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-01	ASPHALT-A	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-02	ASPHALT-B	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-03	ASPHALT-C	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3408-04	ASPHALT-D	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3409-01	EXCAVATION-AREA-A	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3409-02	EXCAVATION-AREA-B	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A
Q3414-01	SB-1	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-02	SB-2	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-03	SB-3	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-04	SB-4	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-05	SB-5	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-06	SB-6	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-07	SB-7	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-08	SB-8	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-09	SB-9	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3414-10	SB-10	Solid	PCB	Cool 4 deg C	PSEG03	D32	10/21/2025	8082A
Q3416-01	NB-08-10212025	Solid	PCB	Cool 4 deg C	PSEG05	D31	10/21/2025	8082A

Date/Time 10/22/25 9:15
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP

Date/Time 10/22/25 9:50
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (Ext Lab)

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	