



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

Hit Summary Sheet
SW-846

SDG No.: Q3399

Order ID: Q3399

Client: ICE Service Group, Inc.

Project ID: NWIRP Northrup Grumman Site – Be

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client: ICE Service Group, Inc.	Date Collected:	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received: 10/22/25	
Client Sample ID: PB170172TB	SDG No.: Q3399	
Lab Sample ID: PB170172TB	Matrix: TCLP	
Analytical Method: 8151A	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Herbicide	Final Vol: 10000 uL
Prep Method: 8151A		Prep Date 10/22/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/24/25 12:28	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	U	1	7.80	15.0	20.0	ug/L	10/24/25 12:28	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	465			32 - 138		93%	SPK: 500		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF		SDG No.:	Q3399
Lab Sample ID:	Q3399-02		Matrix:	TCLP
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	8151A	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/23/25 11:44	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	UM	1	7.80	15.0	20.0	ug/L	10/23/25 11:44	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	459			32 - 138		92%	SPK: 500		

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031982.D	PIBLK-PS031982.D	2,4-DCAA	1	500	308	62		32	138
		2,4-DCAA	2	500	407	81		32	138
I.BLK-PS032131.D	PIBLK-PS032131.D	2,4-DCAA	1	500	407	81		32	138
		2,4-DCAA	2	500	504	101		32	138
PB170220BL	PB170220BL	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	472	94		32	138
PB170220BS	PB170220BS	2,4-DCAA	1	500	505	101		32	138
		2,4-DCAA	2	500	505	101		32	138
Q3399-02	COMP-ROLLOFF	2,4-DCAA	1	500	377	75		32	138
		2,4-DCAA	2	500	459	92		32	138
I.BLK-PS032143.D	PIBLK-PS032143.D	2,4-DCAA	1	500	416	83		32	138
		2,4-DCAA	2	500	506	101		32	138
Q3399-02MS	COMP-ROLLOFFMS	2,4-DCAA	1	500	349	70		32	138
		2,4-DCAA	2	500	550	110		32	138
Q3399-02MSD	COMP-ROLLOFFMSD	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	443	89		32	138
I.BLK-PS032147.D	PIBLK-PS032147.D	2,4-DCAA	1	500	419	84		32	138
		2,4-DCAA	2	500	492	98		32	138
I.BLK-PS032150.D	PIBLK-PS032150.D	2,4-DCAA	1	500	360	72		32	138
		2,4-DCAA	2	500	513	103		32	138
PB170172TB	PB170172TB	2,4-DCAA	1	500	343	69		32	138
		2,4-DCAA	2	500	465	93		32	138
I.BLK-PS032153.D	PIBLK-PS032153.D	2,4-DCAA	1	500	391	78		32	138
		2,4-DCAA	2	500	530	106		32	138

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8151A</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PS032145.D</u>

		Sample				Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High
Lab Sample ID:	Q3399-02MS	Client Sample ID:		COMP-ROLLOFFMS							
	(Column 1)										
	2,4-D	50	0	25.1	ug/L	50				45	152
	2,4,5-TP(Silvex)	50	0	24.5	ug/L	49	*			51	134
Lab Sample ID:	Q3399-02MS	Client Sample ID:		COMP-ROLLOFFMS							
	(Column 2)										
	2,4-D	50	0	29.1	ug/L	58				45	152
	2,4,5-TP(Silvex)	50	0	30.6	ug/L	61				51	134

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3399</u>	Analytical Method:	<u>8151A</u>
Client:	<u>ICE Service Group, Inc.</u>	DataFile :	<u>PS032146.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3399-02MSD	Client Sample ID:	COMP-ROLLOFFMSD								
(Column 1)											
2,4-D	50	0	24.5	ug/L	49		2		45	152	20
2,4,5-TP(Silvex)	50	0	24.1	ug/L	48	*	2		51	134	20
Lab Sample ID:	Q3399-02MSD	Client Sample ID:	COMP-ROLLOFFMSD								
(Column 2)											
2,4-D	50	0	28.7	ug/L	57		2		45	152	20
2,4,5-TP(Silvex)	50	0	30.3	ug/L	61		0		51	134	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3399	Analytical Method:	8151A
Client:	ICE Service Group, Inc.	Datafile :	PS032134.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB170220BS (Column 1)	2,4-D	5	4.80	ug/L	96				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	
PB170220BS (Column 2)	2,4-D	5	4.50	ug/L	90				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170220BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170220BL

Lab File ID: PS032133.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025

Date Analyzed (2): 10/23/2025

Time Analyzed (1): 10:31

Time Analyzed (2): 10:31

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 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
PB170220BS	PB170220BS	PS032134.D	10/23/2025	10/23/2025
COMP-ROLLOFF	Q3399-02	PS032136.D	10/23/2025	10/23/2025
COMP-ROLLOFFMS	Q3399-02MS	PS032145.D	10/23/2025	10/23/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PS032146.D	10/23/2025	10/23/2025
PB170172TB	PB170172TB	PS032152.D	10/24/2025	10/24/2025

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:	PB170220BL		SDG No.:	Q3399
Lab Sample ID:	PB170220BL		Matrix:	TCLP
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A	Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25 10:31	PB170220
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25 10:31	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	472			32 - 138		94%	SPK: 500		

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/13/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/13/25
Client Sample ID:	PIBLK-PS031982.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS031982.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	TCLP Herbicide
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/13/25	PS101325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/13/25	PS101325
SURROGATES										
19719-28-9	2,4-DCAA	407			32 - 138		81%	SPK: 500		

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Report of Analysis

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-PS032131.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032131.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	TCLP Herbicide
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	504			32 - 138		101%	SPK: 500		

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

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-PS032143.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032143.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	TCLP Herbicide
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	506			32 - 138		101%	SPK: 500		

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Report of Analysis

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-PS032147.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032147.D		Matrix:	TCLP
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:		Prep Date:		TCLP Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	492			32 - 138		98%	SPK: 500		

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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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032150.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032150.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	TCLP Herbicide
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	513			32 - 138		103%	SPK: 500		

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() = Laboratory InHouse Limit

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032153.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032153.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:		Test:	TCLP Herbicide
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	SPK: 500		

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client: ICE Service Group, Inc.	Date Collected:	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID: PB170220BS	SDG No.:	Q3399
Lab Sample ID: PB170220BS	Matrix:	TCLP
Analytical Method: 8151A	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	TCLP Herbicide
Prep Method: 8151A	Final Vol: 10000 uL	
	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	4.80		1	0.92	1.50	2.00	ug/L	10/23/25 10:55	PB170220
93-72-1	2,4,5-TP (Silvex)	4.80		1	0.78	1.50	2.00	ug/L	10/23/25 10:55	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	505			32 - 138		101%	SPK: 500		

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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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

Report of Analysis

Client: ICE Service Group, Inc.	Date Collected: 10/20/25	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received: 10/20/25	
Client Sample ID: COMP-ROLLOFFMS	SDG No.: Q3399	
Lab Sample ID: Q3399-02MS	Matrix: TCLP	
Analytical Method: 8151A	% Solid: 0	
Sample Wt/Vol: 100 mL	Test: TCLP Herbicide	Final Vol: 10000 uL
Prep Method: 8151A		Prep Date 10/22/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	29.1		1	9.20	15.0	20.0	ug/L	10/23/25 15:25	PB170220
93-72-1	2,4,5-TP (Silvex)	30.6		1	7.80	15.0	20.0	ug/L	10/23/25 15:25	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	550			32 - 138		110%	SPK: 500		

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Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD		SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD		Matrix:	TCLP
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol:	10000 uL	Test:
Prep Method:	8151A	Prep Date	10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	28.7		1	9.20	15.0	20.0	ug/L	10/23/25 15:49	PB170220
93-72-1	2,4,5-TP (Silvex)	30.3		1	7.80	15.0	20.0	ug/L	10/23/25 15:49	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	443			32 - 138		89%	SPK: 500		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Instrument ID: ECD_S

Calibration Date(s): 10/13/2025 10/13/2025

Calibration Times: **10:53** **12:29**

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D

RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>10/13/2025</u> <u>10/13/2025</u>
		Calibration Times:	<u>10:53</u> <u>12:29</u>

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031983.D</u>	RT 500 = <u>PS031984.D</u>
RT 750 = <u>PS031985.D</u>	RT 1000 = <u>PS031986.D</u>	RT 1500 = <u>PS031987.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.02	9.01	9.00	9.00	9.00	9.01	8.91	9.11
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031983.D</u>	CF 500 =	<u>PS031984.D</u>		
CF 750 =		<u>PS031985.D</u>	CF 1000 =	<u>PS031986.D</u>	CF 1500 =	<u>PS031987.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ICES02
SDG NO.: Q3399

Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 200 = <u>PS031983.D</u>		CF 500 = <u>PS031984.D</u>			
CF 750 = <u>PS031985.D</u>		CF 1000 = <u>PS031986.D</u>		CF 1500 = <u>PS031987.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ICES02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3399</u>
Continuing Calib Date:	<u>10/23/2025</u>	Initial Calibration Date(s):	<u>10/13/2025</u> <u>10/13/2025</u>
Continuing Calib Time:	<u>10:04</u>	Initial Calibration Time(s):	<u>10:53</u> <u>12:29</u>

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 10:04

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	768.020	712.500	7.8
2,4-D	8.409	8.312	8.512	751.270	705.000	6.6
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	773.160	712.500	8.5
2,4-D	9.001	8.902	9.102	774.470	705.000	9.9
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 15:00

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 15:00

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.277	9.180	9.380	756.490	712.500	6.2
2,4-D	8.407	8.312	8.512	764.020	705.000	8.4
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	756.750	712.500	6.2
2,4-D	9.000	8.902	9.102	778.940	705.000	10.5
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 17:13

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 17:13

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	749.300	712.500	5.2
2,4-D	8.408	8.312	8.512	750.340	705.000	6.4
2,4-DCAA	7.279	7.182	7.382	797.050	750.000	6.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	752.170	712.500	5.6
2,4-D	9.001	8.902	9.102	766.900	705.000	8.8
2,4-DCAA	7.744	7.644	7.844	865.680	750.000	15.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 10:34

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 10:34

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.276	9.180	9.380	728.970	712.500	2.3
2,4-D	8.409	8.312	8.512	712.540	705.000	1.1
2,4-DCAA	7.279	7.182	7.382	772.240	750.000	3.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.890	9.792	9.992	745.250	712.500	4.6
2,4-D	9.000	8.902	9.102	739.330	705.000	4.9
2,4-DCAA	7.743	7.644	7.844	834.560	750.000	11.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 14:28

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/13/2025 10/13/2025

Continuing Calib Time: 14:28

Initial Calibration Time(s): 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.275	9.180	9.380	738.430	712.500	3.6
2,4-D	8.407	8.312	8.512	733.220	705.000	4.0
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02
Lab Code: ACE **SDG NO.:** Q3399
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	750.010	712.500	5.3
2,4-D	9.000	8.902	9.102	761.860	705.000	8.1
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 10/13/2025 10/13/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	10/13/2025	10:29	PS031982.D	7.29	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.29	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.28	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.28	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.28	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.28	0.00
IBLK	IBLK	10/23/2025	09:40	PS032131.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.28	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.28	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.28	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.28	0.00
IBLK	IBLK	10/23/2025	14:36	PS032143.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.28	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.28	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.28	0.00
IBLK	IBLK	10/23/2025	16:49	PS032147.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.28	0.00
IBLK	IBLK	10/24/2025	10:10	PS032150.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.28	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.28	0.00
IBLK	IBLK	10/24/2025	14:04	PS032153.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.28	0.00

Analytical Sequence

Client: ICE Service Group, Inc.	SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/13/2025 10/13/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	10/13/2025	10:29	PS031982.D	7.75	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.76	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.75	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.74	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.74	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.74	0.00
IBLK	IBLK	10/23/2025	09:40	PS032131.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.74	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.75	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.75	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.74	0.00
IBLK	IBLK	10/23/2025	14:36	PS032143.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.74	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.74	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.74	0.00
IBLK	IBLK	10/23/2025	16:49	PS032147.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.74	0.00
IBLK	IBLK	10/24/2025	10:10	PS032150.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.74	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.75	0.00
IBLK	IBLK	10/24/2025	14:04	PS032153.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-02MS

Date(s) Analyzed: 10/23/2025 10/23/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.41	8.36	8.46	25.1	14.8
	2	9.00	8.95	9.05	29.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.5	22.1
	2	9.89	9.84	9.94	30.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-02MSD

Date(s) Analyzed: 10/23/2025 10/23/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.41	8.36	8.46	24.5	15.8
	2	9.00	8.95	9.05	28.7	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.1	22.8
	2	9.89	9.84	9.94	30.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170220BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170220BS

Date(s) Analyzed: 10/23/2025 10/23/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	4.80	0
	2	9.89	9.84	9.94	4.80	
2,4-D	1	8.42	8.37	8.47	4.80	6.5
	2	9.01	8.96	9.06	4.50	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:28
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
4) S 2,4-DCAA	7.284	7.752	1635.6E6	511.4E6	343.113	464.745 #

Target Compounds

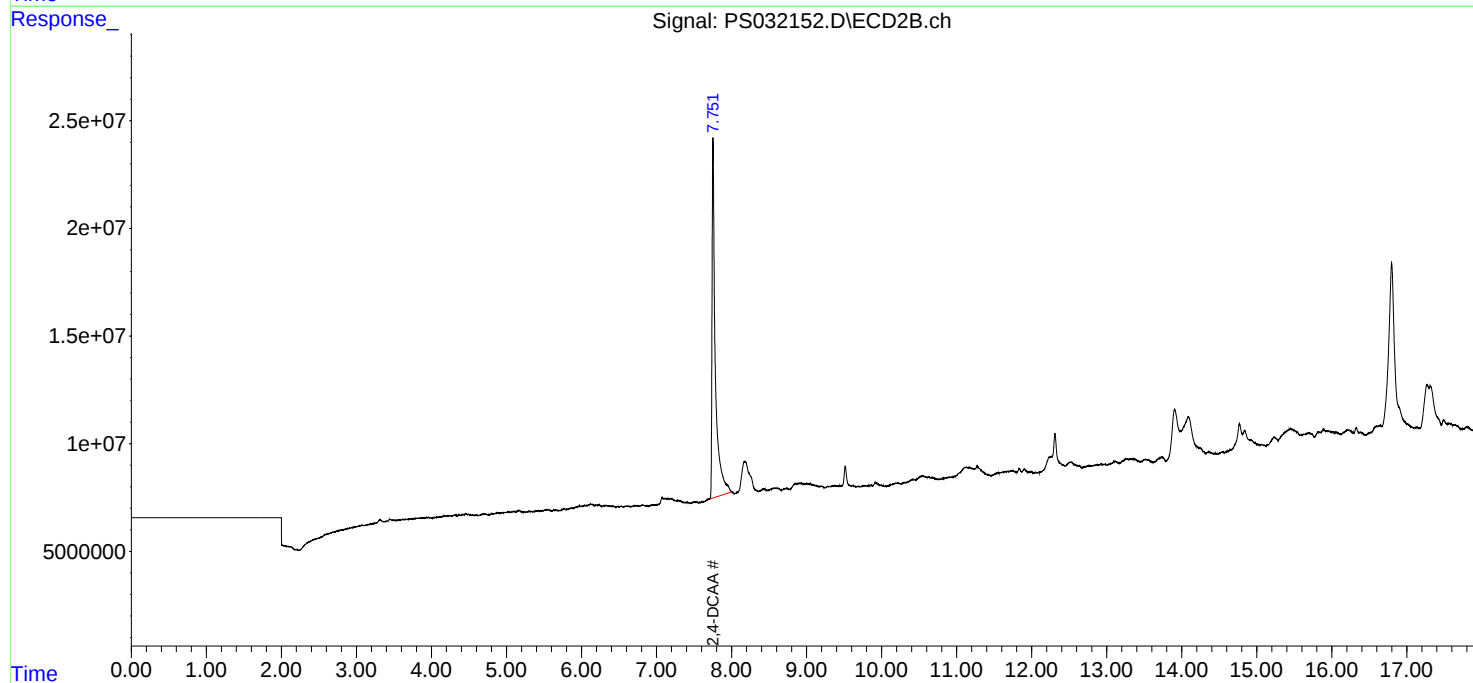
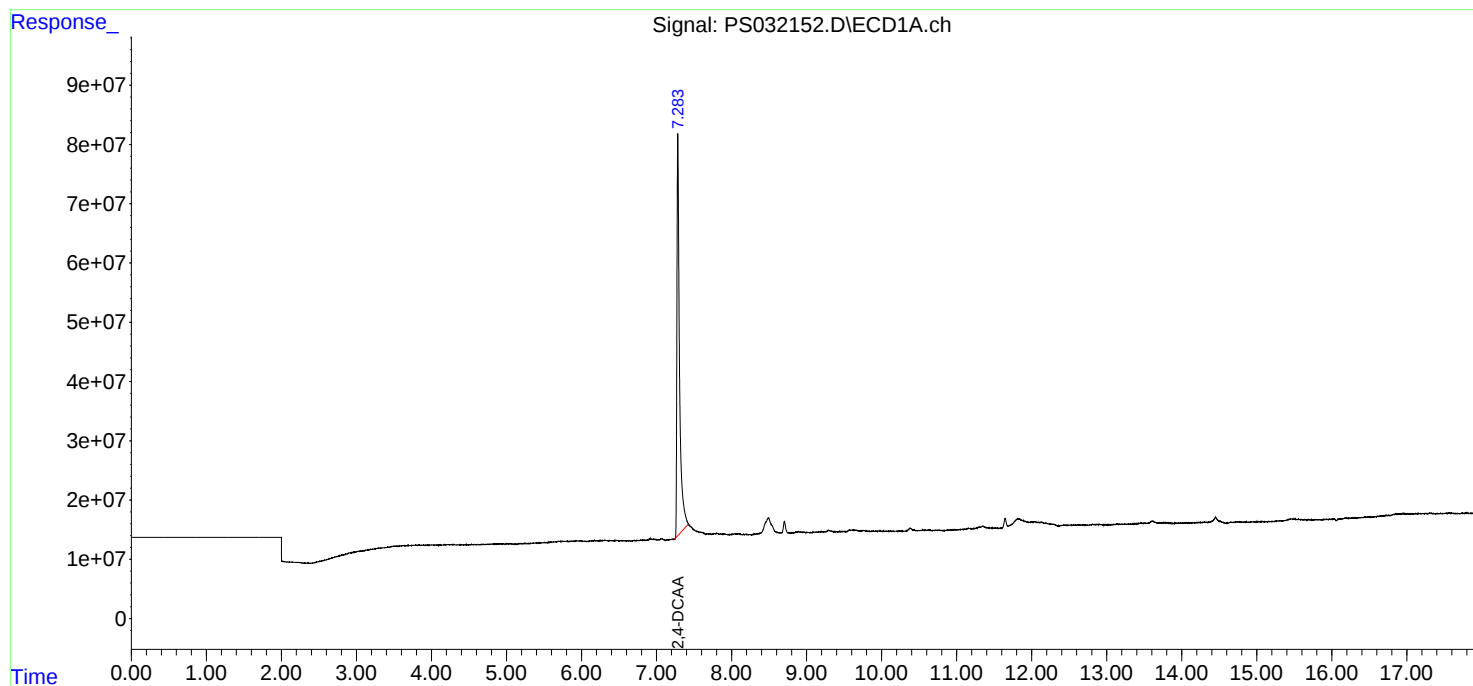
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:28
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

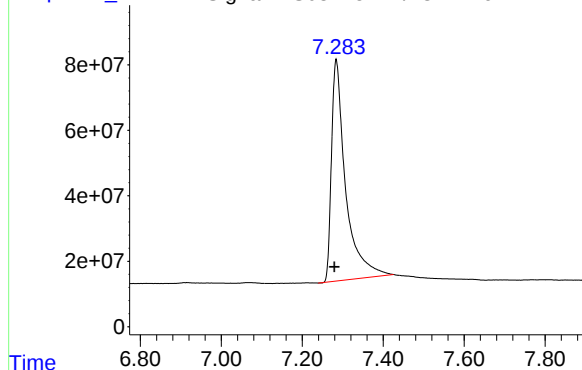
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PS032152.D\ECD1A.ch

#4 2,4-DCAA



R.T.: 7.284 min
Delta R.T.: 0.004 min
Response: 1635630044
Conc: 343.11 ng/ml

Instrument :

ECD_S

ClientSampleId :

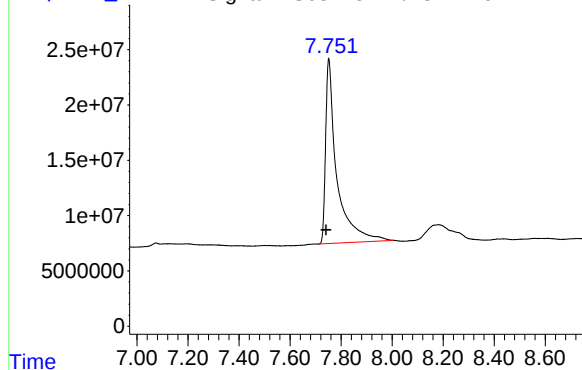
PB170172TB

Time

Response_

Signal: PS032152.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.752 min
Delta R.T.: 0.011 min
Response: 511377993
Conc: 464.75 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 11:44
 Operator : AR\AJ
 Sample : Q3399-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-ROLLOFF

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 17:31:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
4) S 2,4-DCAA	7.278	7.743	1798.7E6	505.0E6	377.310m	458.930m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:44
Operator : AR\AJ
Sample : Q3399-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

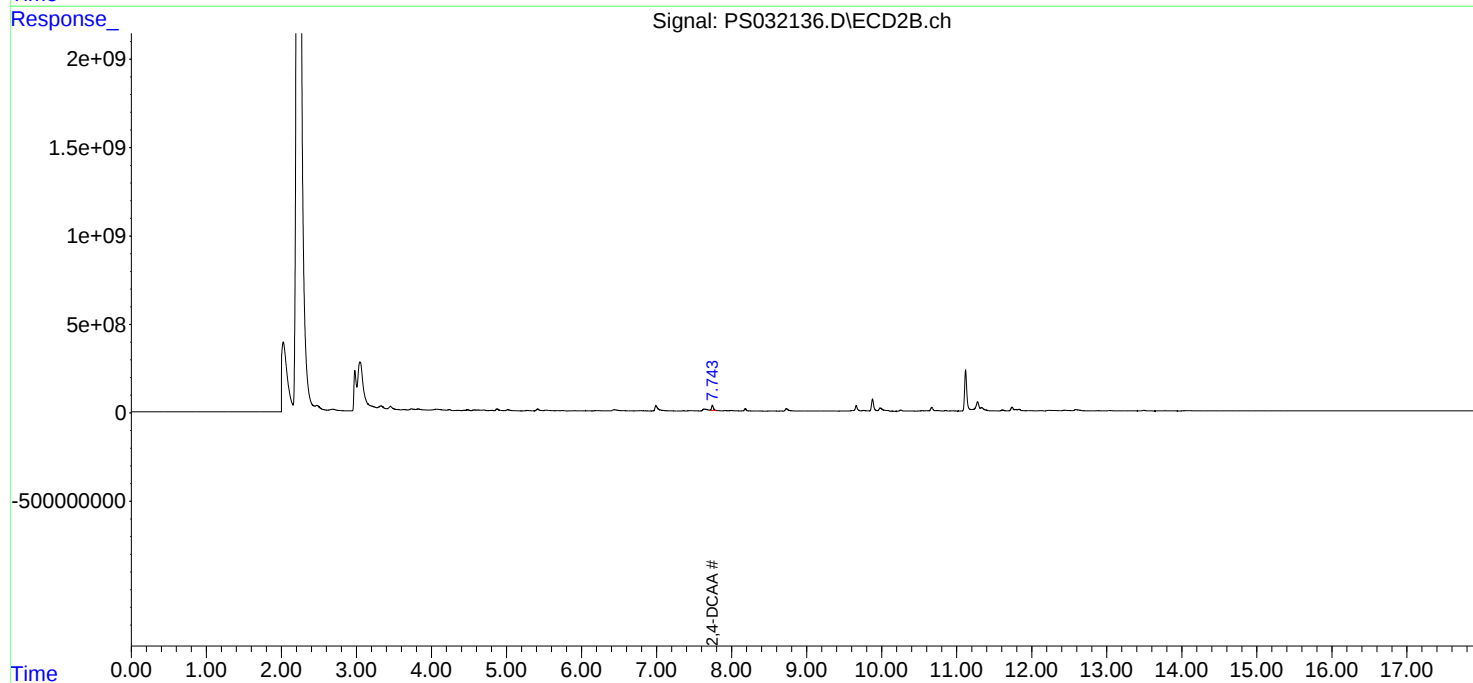
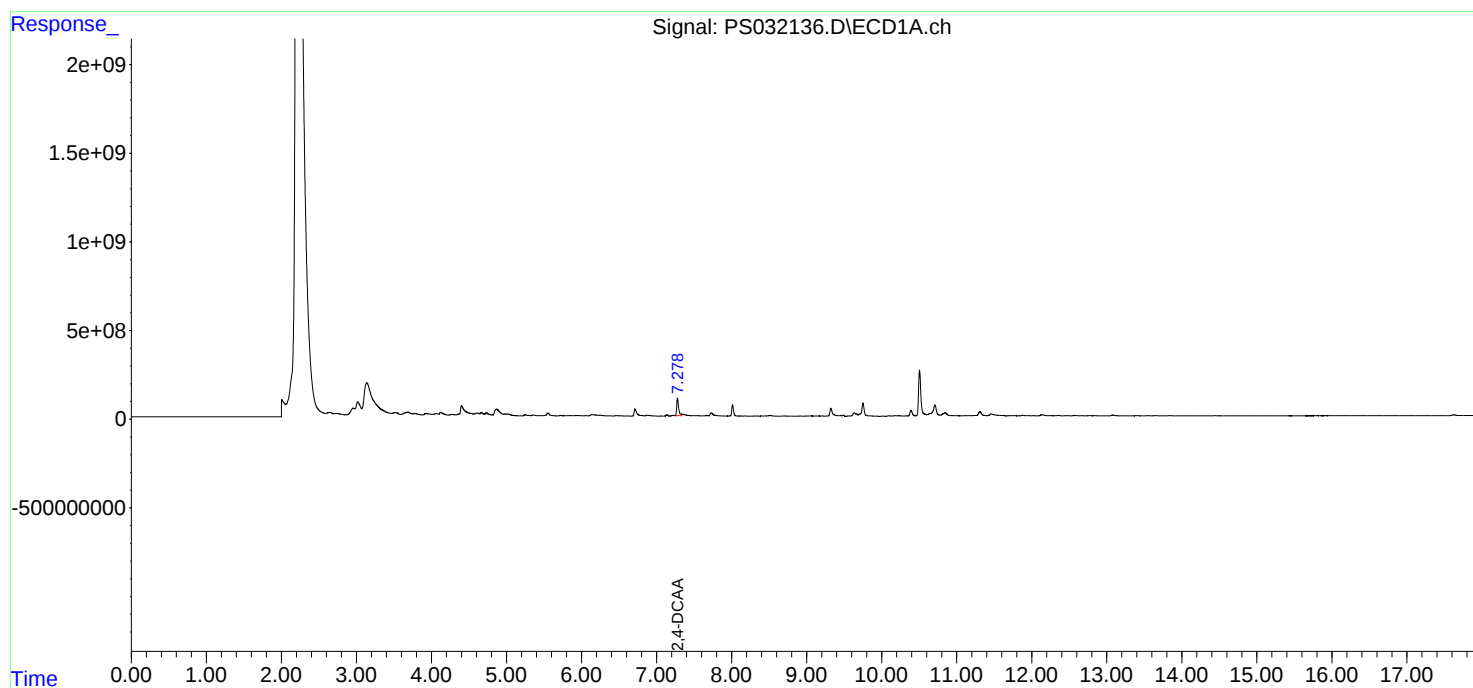
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFF

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/24/2025
Supervised By : mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PS032136.D\ECD1A.ch

#4 2,4-DCAA

R.T.: 7.278 min

Delta R.T.: -0.002 min

Response: 1798651114

Conc: 377.31 ng/ml

Instrument :

ECD_S

ClientSampleId :

COMP-ROLLOFF

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Time

Response_

Signal: PS032136.D\ECD2B.ch

#4 2,4-DCAA

R.T.: 7.743 min

Delta R.T.: 0.002 min

Response: 504979181

Conc: 458.93 ng/ml m

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 10:31
 Operator : AR\AJ
 Sample : PB170220BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170220BL

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 11:03:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
4) S 2,4-DCAA	7.282	7.745	1733.4E6	519.4E6	363.624	472.023 #

Target Compounds

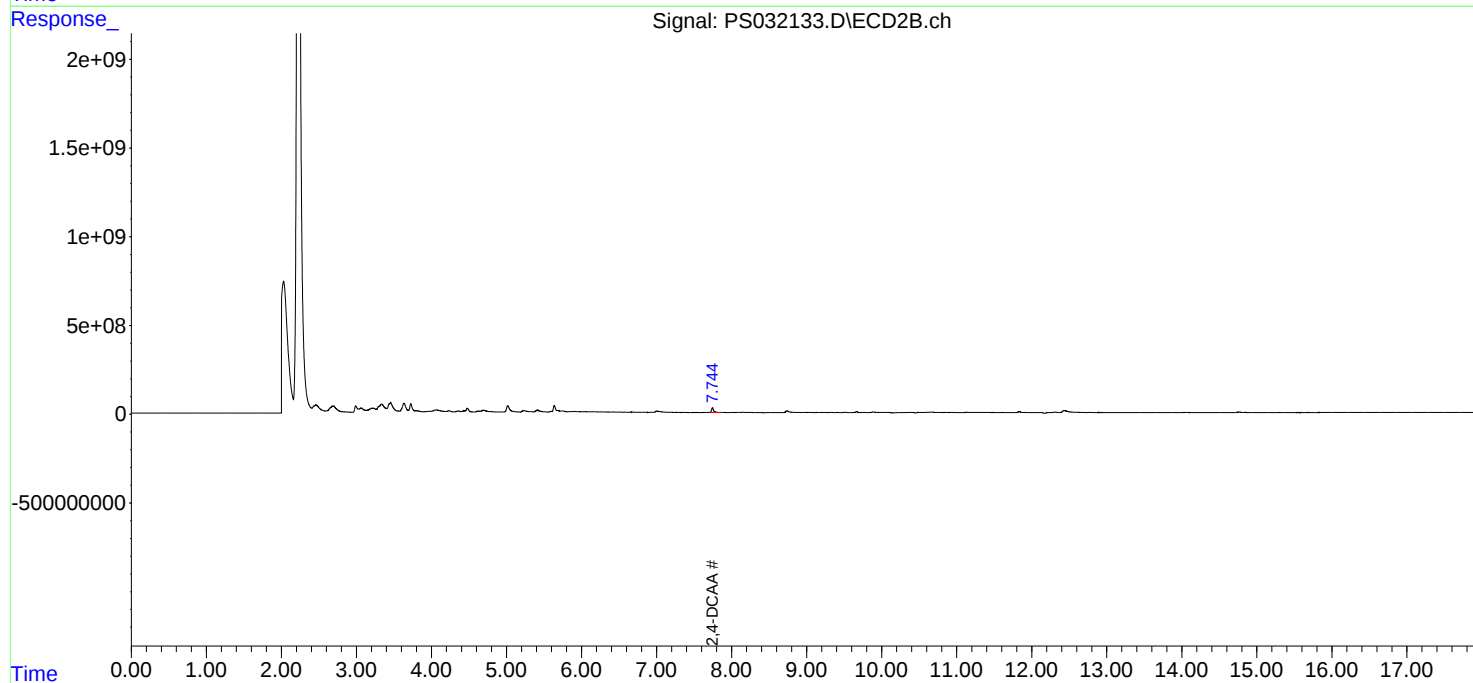
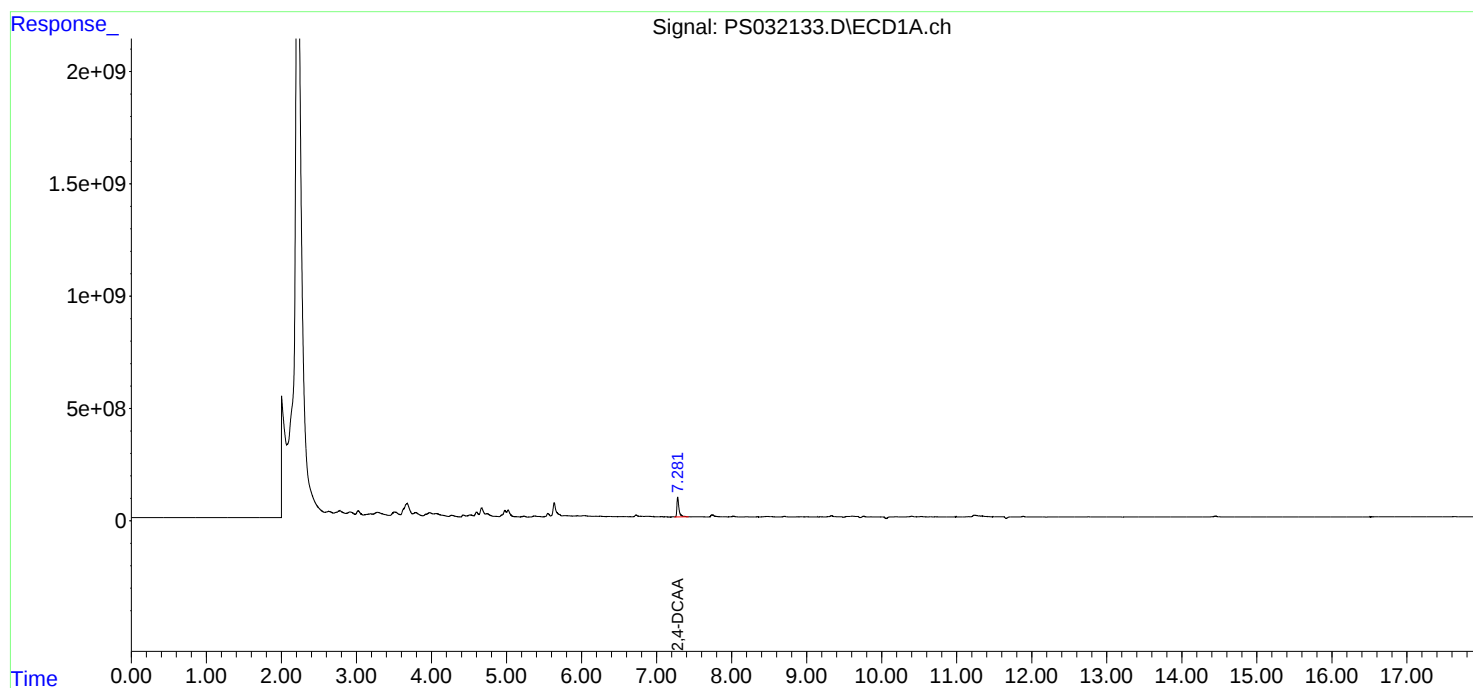
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:31
Operator : AR\AJ
Sample : PB170220BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170220BL

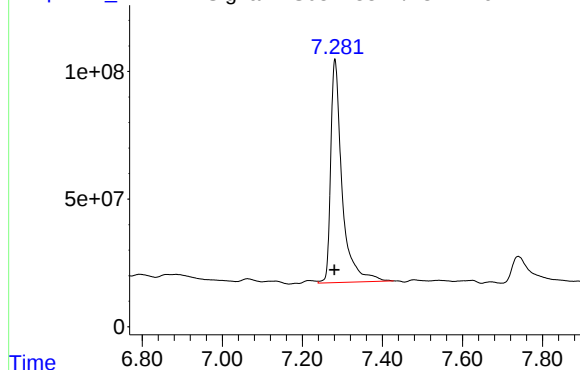
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 11:03:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Signal: PS032133.D\ECD1A.ch

#4 2,4-DCAA

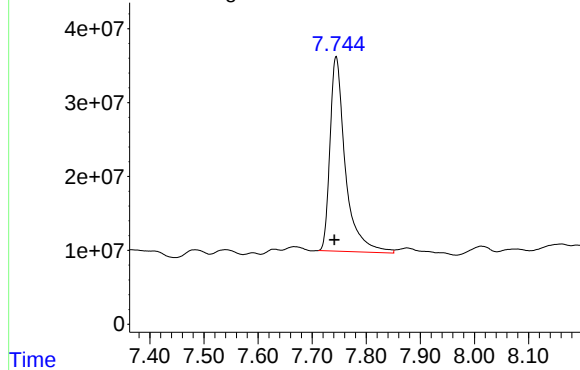


R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 1733409021
Conc: 363.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170220BL

Signal: PS032133.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 519386143
Conc: 472.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 10:55
 Operator : AR\AJ
 Sample : PB170220BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB170220BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:37:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
4) S	2,4-DCAA	7.283	7.747	2408.6E6	555.2E6	505.260	504.603
Target Compounds							
1) T	Dalapon	2.662	2.688	3387.4E6	1726.6E6	438.355	459.402
2) T	3,5-DICHL...	6.449	6.701	3325.1E6	969.3E6	472.385	464.719
3) T	4-Nitroph...	7.107	7.318f	522.4E6	631.9E6	391.424	416.420
5) T	DICAMBA	7.463	7.940	10324.4E6	4032.3E6	492.989	465.576
6) T	MCPD	7.639	8.034	528.3E6	106.2E6	43.200	42.779
7) T	MCPA	7.788	8.281	652.6E6	169.1E6	44.343	44.834
8) T	DICHLORPROP	8.172	8.660	2204.3E6	918.3E6	463.668	468.920
9) T	2,4-D	8.415	9.008	2323.1E6	941.2E6	478.402	452.878
10) T	Pentachlo...	8.700	9.508	37287.0E6	26534.4E6	555.531	512.011
11) T	2,4,5-TP ...	9.278	9.894	13463.9E6	9588.6E6	476.733	477.642
12) T	2,4,5-T	9.580	10.326	12176.3E6	8080.6E6	482.337	471.318
13) T	2,4-DB	10.157	10.896	1467.7E6	565.2E6	473.410	437.457
14) T	DINOSEB	11.343	11.264	10292.4E6	6995.0E6	461.525	460.106
15) T	Picloram	11.188	12.397	9996.7E6	13377.4E6	423.988m	401.821
16) T	DCPA	11.642	12.305	17728.7E6	15971.7E6	482.542	480.907

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 10:55
Operator : AR\AJ
Sample : PB170220BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB170220BS

Manual Integrations

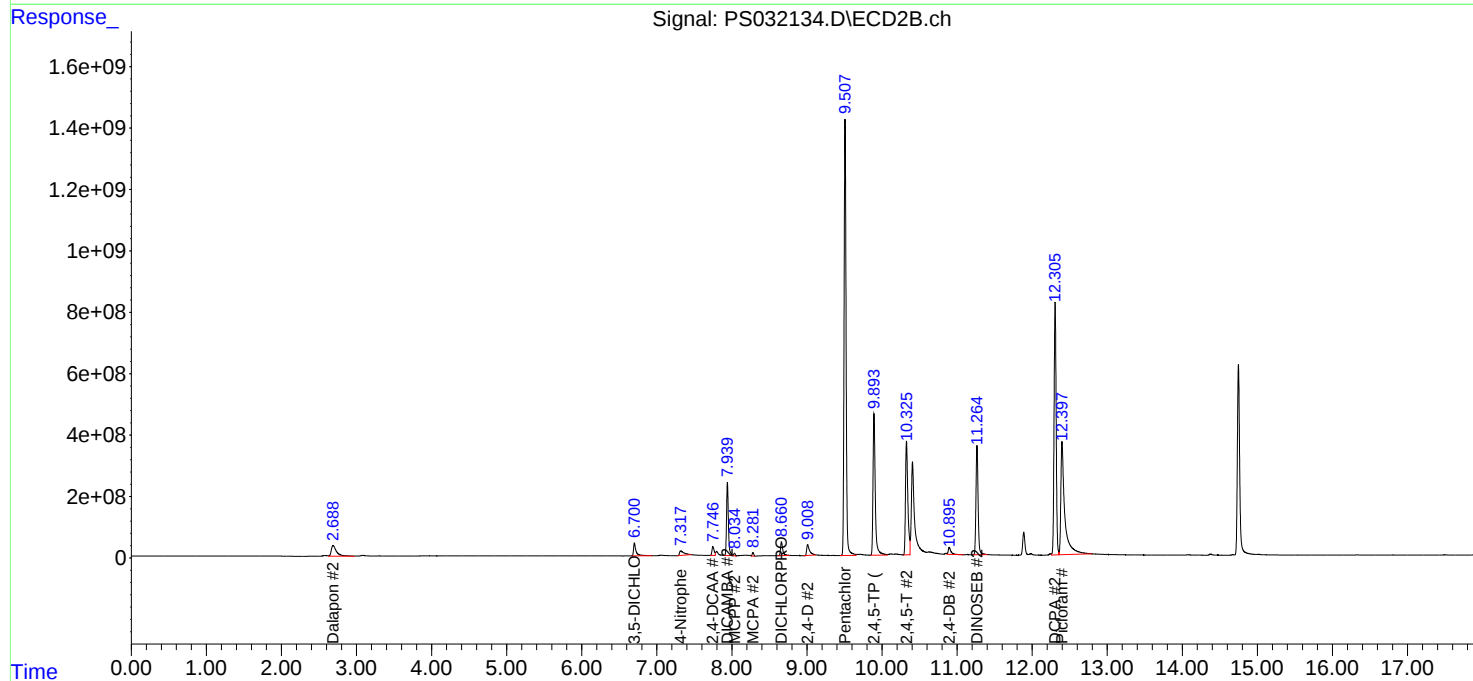
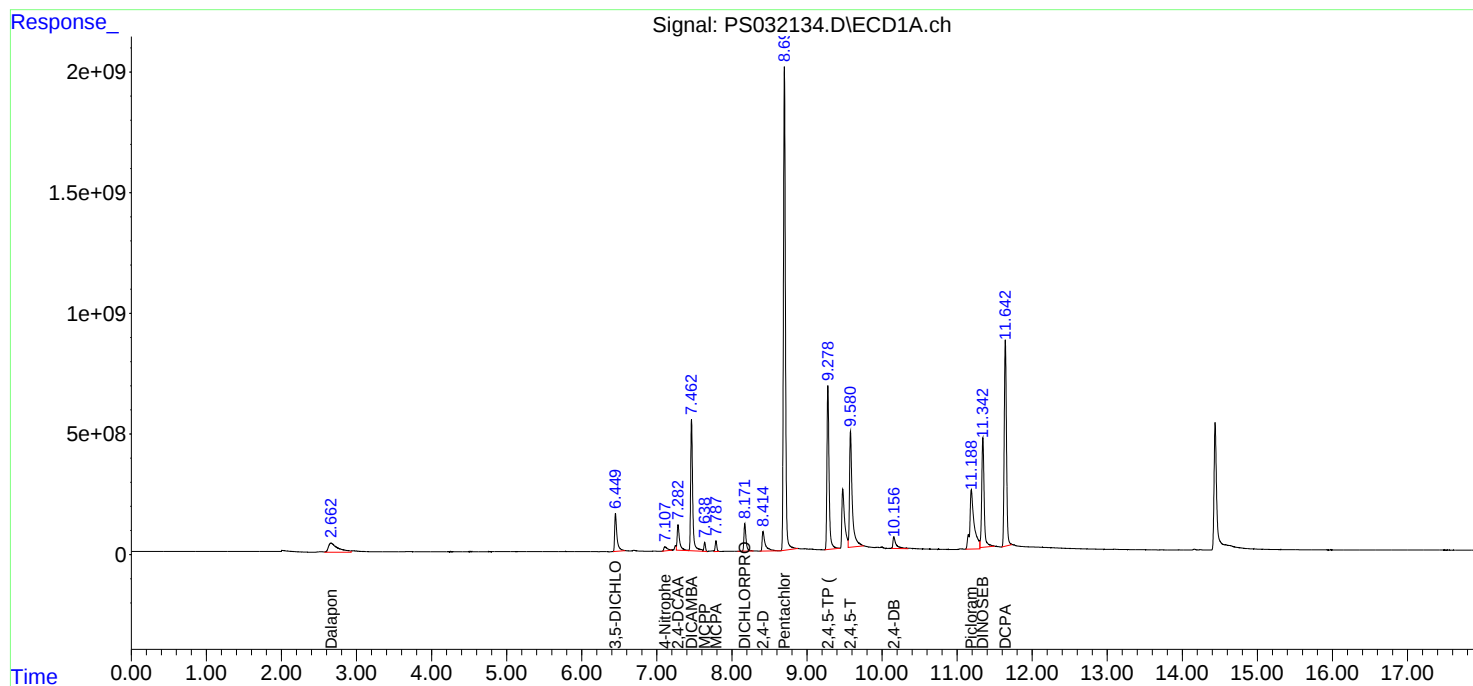
APPROVED

Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:37:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 15:25
 Operator : AR\AJ
 Sample : Q3399-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-ROLLOFFMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:42:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
4) S	2,4-DCAA	7.278	7.742	1663.3E6	604.8E6	348.915m	549.666m#
Target Compounds							
1) T	Dalapon	2.653	2.685	1053.2E6	1014.6E6	136.298m	269.953m#
2) T	3,5-DICHL...	6.448	6.699	1588.4E6	348.2E6	225.660	166.936 #
5) T	DICAMBA	7.462	7.939	4491.9E6	1882.0E6	214.487	217.301
6) T	MCP	7.637	8.033	184.6E6	32884819	15.098	13.248m
7) T	MCPA	7.786	8.280	314.2E6	59655952	21.353	15.814 #
8) T	DICHLORPROP	8.171	8.658	1120.9E6	413.4E6	235.771	211.128
9) T	2,4-D	8.411	9.004	1217.8E6	605.7E6	250.786	291.417
10) T	Pentachlo...	8.699	9.508	12790.8E6	8594.3E6	190.568	165.836
11) T	2,4,5-TP ...	9.277	9.889	6924.5E6	6148.9E6	245.185m	306.301m
12) T	2,4,5-T	9.575	10.325	5371.1E6	4049.4E6	212.764m	236.193
13) T	2,4-DB	10.153	10.892	847.8E6	333.7E6	273.455	258.248
14) T	DINOSEB	11.342	11.271	1786.8E6	3206.2E6	80.121m	210.890 #
15) T	Picloram	11.182	12.392	5039.6E6	6416.8E6	213.742	192.744
16) T	DCPA	11.642	12.305	8065.9E6	7380.3E6	219.539	222.221

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:25
Operator : AR\AJ
Sample : Q3399-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

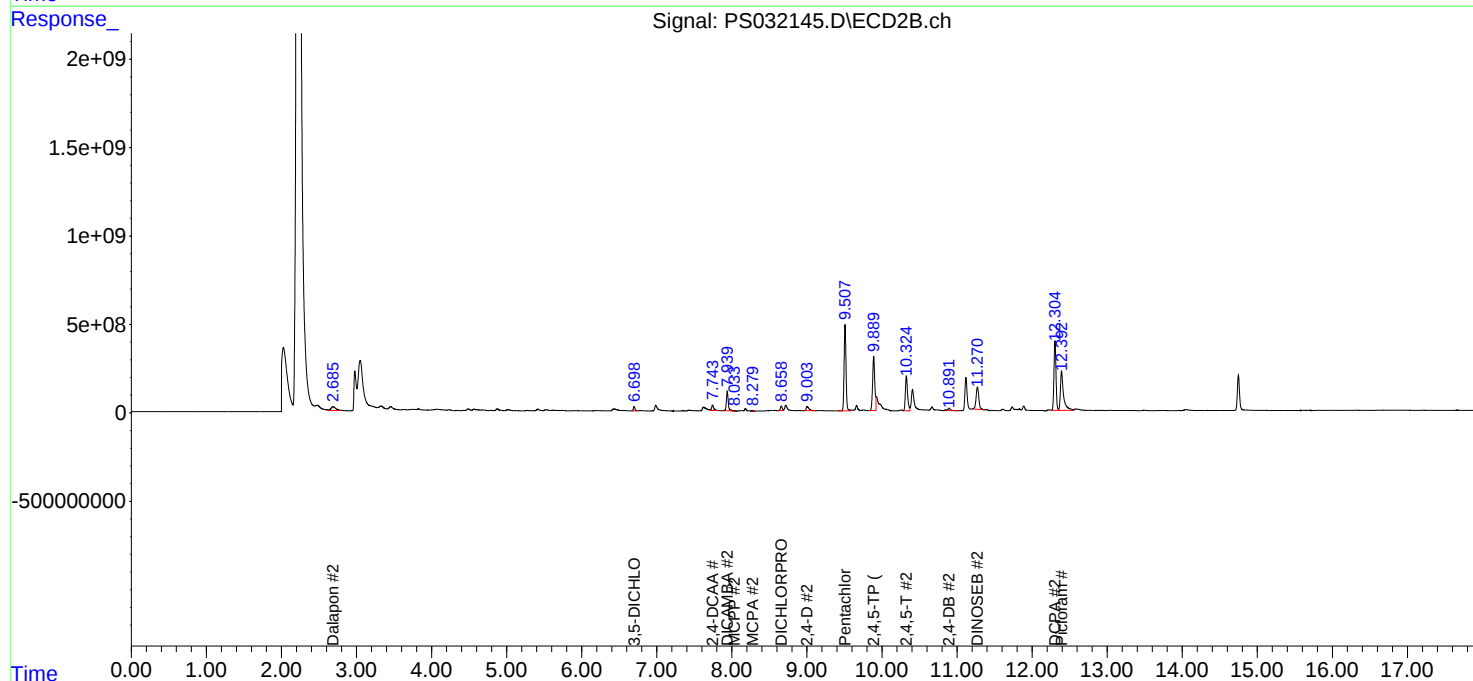
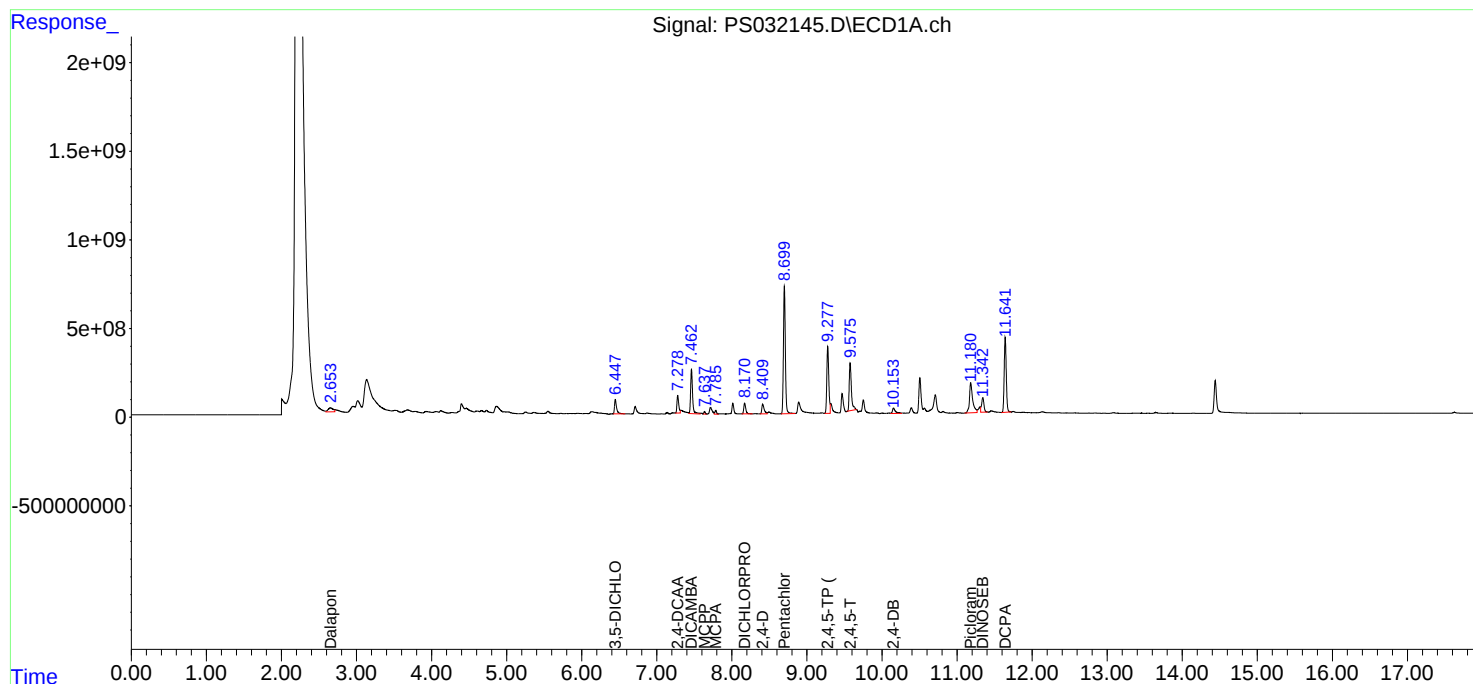
Instrument :
ECD_S
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 15:49
 Operator : AR\AJ
 Sample : Q3399-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 COMP-ROLLOFFMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 04:42:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
4) S	2,4-DCAA	7.278	7.742	1734.2E6	487.3E6	363.792m	442.868m
Target Compounds							
1) T	Dalapon	2.650	2.686	779.0E6	762.8E6	100.814m	202.976m#
2) T	3,5-DICHL...	6.448	6.699	1565.3E6	342.1E6	222.375	164.014 #
5) T	DICAMBA	7.461	7.939	4085.6E6	1863.7E6	195.088m	215.189
6) T	MCP	7.636	8.033	181.4E6	32690298	14.836	13.170m
7) T	MCPA	7.785	8.279	283.2E6	59060165	19.247	15.656
8) T	DICHLORPROP	8.171	8.658	1100.4E6	413.4E6	231.460	211.095
9) T	2,4-D	8.411	9.003	1188.6E6	597.0E6	244.783	287.232
10) T	Pentachlo...	8.699	9.508	12351.9E6	8309.1E6	184.029	160.334
11) T	2,4,5-TP ...	9.277	9.889	6810.0E6	6087.2E6	241.132m	303.226m#
12) T	2,4,5-T	9.574	10.325	5376.5E6	3965.8E6	212.981m	231.312
13) T	2,4-DB	10.154	10.892	805.5E6	318.6E6	259.809	246.576
14) T	DINOSEB	11.343	11.272	1644.2E6	3360.5E6	73.730m	221.038 #
15) T	Picloram	11.183	12.393	4555.5E6	5843.1E6	193.212	175.510
16) T	DCPA	11.642	12.304	7955.2E6	7281.1E6	216.525	219.234

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 15:49
Operator : AR\AJ
Sample : Q3399-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

COMP-ROLLOFFMSD

Manual Integrations

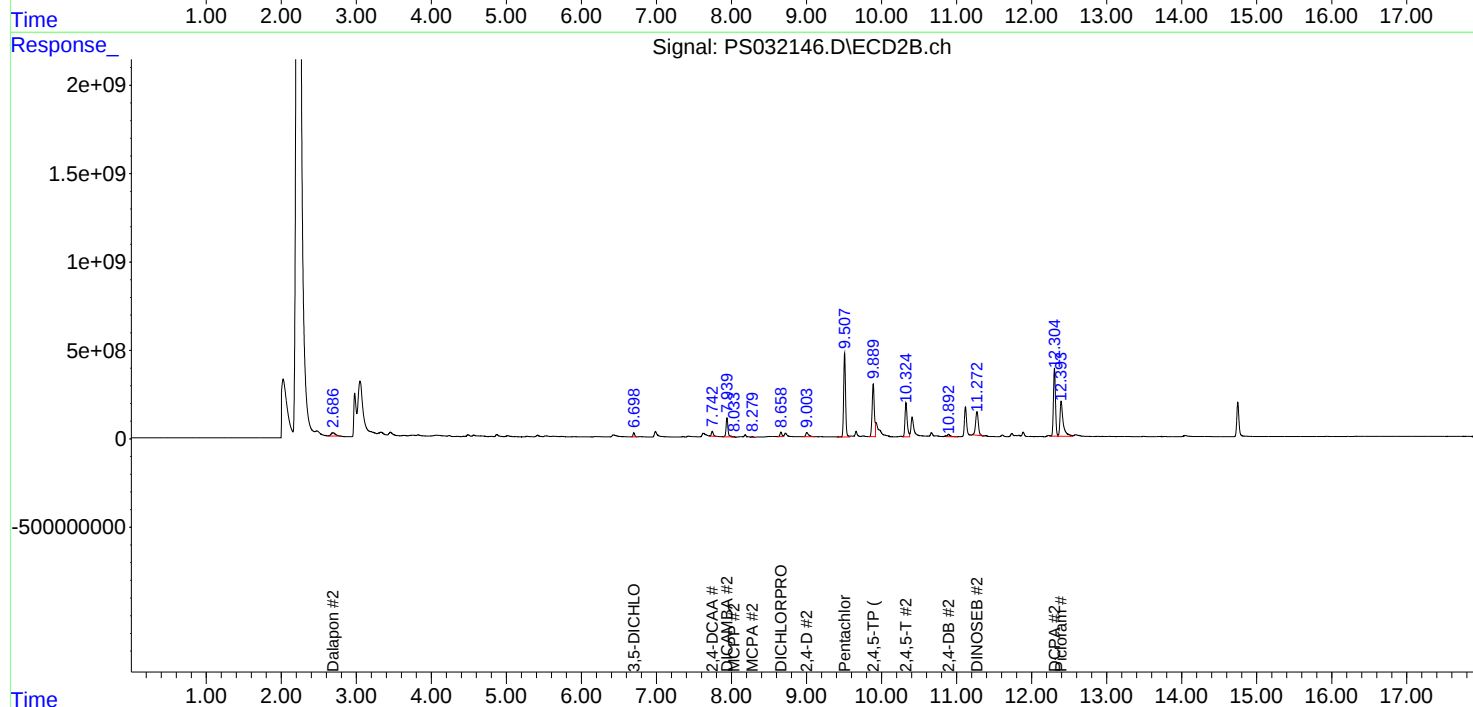
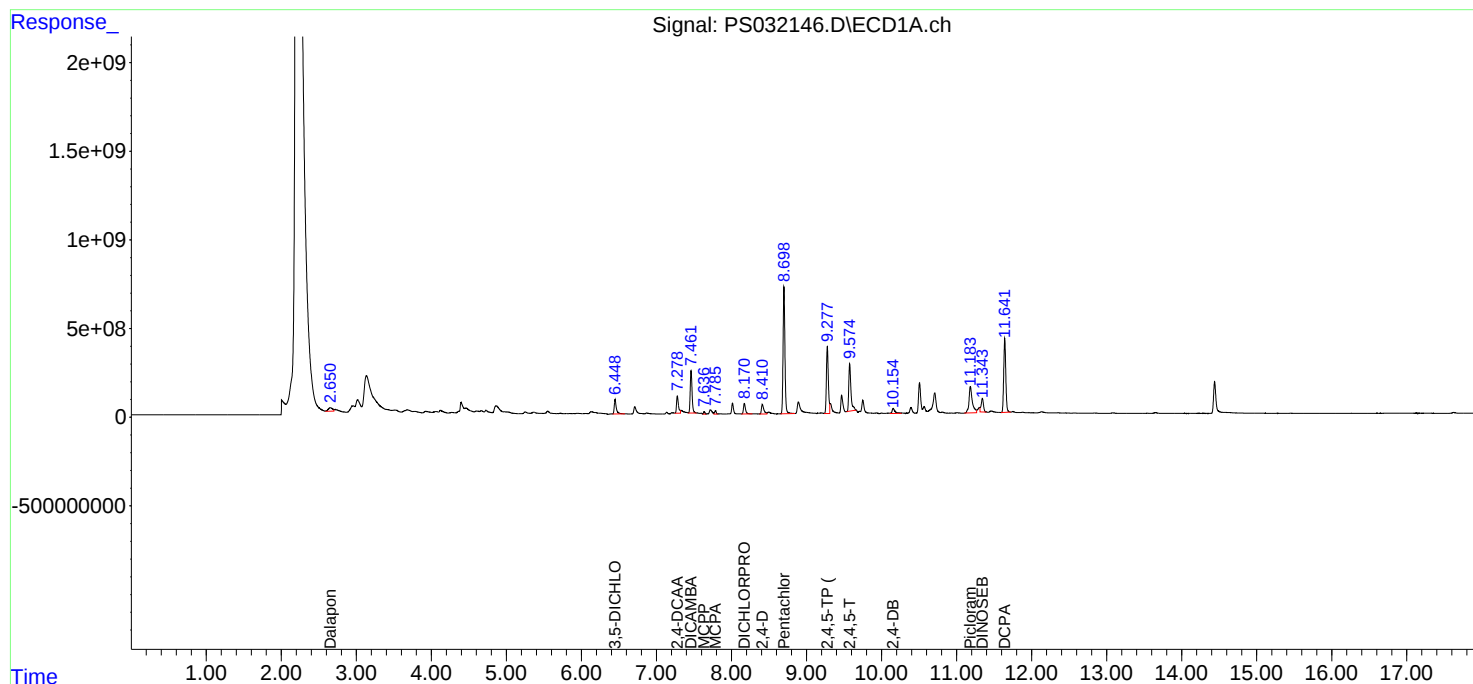
APPROVED

Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:42:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
Quant Title : 8080.M
QLast Update : Mon Oct 13 12:51:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PS101325	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PS031982.D	2,4-DCAA #2	Abdul	10/14/2025 8:44:35 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-D #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	2,4-DB #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC200	PS031983.D	MCPP #2	Abdul	10/14/2025 8:44:40 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDICC1500	PS031987.D	4-Nitrophenol #2	Abdul	10/14/2025 8:44:45 AM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
I.BLK	PS031989.D	2,4-DCAA #2	Abdul	10/14/2025 1:04:58 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	2,4-DB #2	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	4-Nitrophenol	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

Manual Integration Report

Sequence:

PS101325

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031999.D	MCPA	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	MCPP	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software
HSTDCCC750	PS031999.D	Picloram	Abdul	10/14/2025 1:04:44 PM	mohammad	10/15/2025 1:15:14	Peak Integrated by Software

Manual Integration Report

Sequence:	PS102325	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170220BS	PS032134.D	Picloram	Abdul	10/24/2025 9:10:42 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02	PS032136.D	2,4-DCAA	Abdul	10/24/2025 9:10:24 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02	PS032136.D	2,4-DCAA #2	Abdul	10/24/2025 9:10:24 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
HSTDCCC750	PS032144.D	4-Nitrophenol	Abdul	10/24/2025 9:09:49 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-T	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-TP (SILVEX)	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4,5-TP (SILVEX) #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4-DCAA	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	2,4-DCAA #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	Dalapon	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	Dalapon #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	DINOSEB	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MS	PS032145.D	MCPD #2	Abdul	10/24/2025 9:09:46 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software

Manual Integration Report

Sequence:	PS102325	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3399-02MSD	PS032146.D	2,4,5-T	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4,5-TP (SILVEX)	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4,5-TP (SILVEX) #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4-DCAA	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	2,4-DCAA #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	Dalapon	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	Dalapon #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	DICAMBA	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	DINOSEB	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
Q3399-02MSD	PS032146.D	MCPP #2	Abdul	10/24/2025 9:09:38 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software

Manual Integration Report

Sequence:

pS102425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS032151.D	2,4-DB #2	Abdul	10/27/2025 9:16:14 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
HSTDCCC750	PS032154.D	4-Nitrophenol	Abdul	10/27/2025 9:16:08 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM
SubDirectory	PS101325	HP Acquire Method	HP Processing Method ps101325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031981.D	13 Oct 2025 09:35	AR\AJ	Ok
2	I.BLK	PS031982.D	13 Oct 2025 10:29	AR\AJ	Ok,M
3	HSTDICC200	PS031983.D	13 Oct 2025 10:53	AR\AJ	Ok,M
4	HSTDICC500	PS031984.D	13 Oct 2025 11:17	AR\AJ	Ok
5	HSTDICC750	PS031985.D	13 Oct 2025 11:41	AR\AJ	Ok
6	HSTDICC1000	PS031986.D	13 Oct 2025 12:05	AR\AJ	Ok
7	HSTDICC1500	PS031987.D	13 Oct 2025 12:29	AR\AJ	Ok,M
8	HSTDICV750	PS031988.D	13 Oct 2025 12:52	AR\AJ	Ok
9	I.BLK	PS031989.D	13 Oct 2025 13:16	AR\AJ	Ok,M
10	HSTDCCC750	PS031990.D	13 Oct 2025 13:41	AR\AJ	Ok
11	Q3297-01	PS031991.D	13 Oct 2025 14:05	AR\AJ	Ok,M
12	Q3297-11	PS031992.D	13 Oct 2025 14:29	AR\AJ	Ok
13	PB170051BL	PS031993.D	13 Oct 2025 14:53	AR\AJ	Ok
14	PB170051BS	PS031994.D	13 Oct 2025 15:17	AR\AJ	Not Ok
15	Q3297-01MS	PS031995.D	13 Oct 2025 15:41	AR\AJ	Ok,M
16	Q3297-01MSD	PS031996.D	13 Oct 2025 16:06	AR\AJ	Ok,M
17	Q3305-01	PS031997.D	13 Oct 2025 16:30	AR\AJ	Ok
18	I.BLK	PS031998.D	13 Oct 2025 16:54	AR\AJ	Ok
19	HSTDCCC750	PS031999.D	13 Oct 2025 17:18	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS102325

Review By		Review On	
Supervise By		Supervise On	
SubDirectory	PS102325	HP Acquire Method	HP Processing Method ps101325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032130.D	23 Oct 2025 09:16	AR\AJ	Ok
2	I.BLK	PS032131.D	23 Oct 2025 09:40	AR\AJ	Ok
3	HSTDCCC750	PS032132.D	23 Oct 2025 10:04	AR\AJ	Ok
4	PB170220BL	PS032133.D	23 Oct 2025 10:31	AR\AJ	Ok
5	PB170220BS	PS032134.D	23 Oct 2025 10:55	AR\AJ	Ok,M
6	Q3399-01	PS032135.D	23 Oct 2025 11:20	AR\AJ	Ok,M
7	Q3399-02	PS032136.D	23 Oct 2025 11:44	AR\AJ	Ok,M
8	PB170172TB	PS032137.D	23 Oct 2025 12:09	AR\AJ	Not Ok
9	PB170221BL	PS032138.D	23 Oct 2025 12:33	AR\AJ	Ok,M
10	PB170221BS	PS032139.D	23 Oct 2025 12:58	AR\AJ	Ok,M
11	Q3412-01	PS032140.D	23 Oct 2025 13:22	AR\AJ	Ok,M
12	Q3412-01MS	PS032141.D	23 Oct 2025 13:47	AR\AJ	Not Ok
13	Q3412-01MSD	PS032142.D	23 Oct 2025 14:11	AR\AJ	Not Ok
14	I.BLK	PS032143.D	23 Oct 2025 14:36	AR\AJ	Ok
15	HSTDCCC750	PS032144.D	23 Oct 2025 15:00	AR\AJ	Ok,M
16	Q3399-02MS	PS032145.D	23 Oct 2025 15:25	AR\AJ	Ok,M
17	Q3399-02MSD	PS032146.D	23 Oct 2025 15:49	AR\AJ	Ok,M
18	I.BLK	PS032147.D	23 Oct 2025 16:49	AR\AJ	Ok
19	HSTDCCC750	PS032148.D	23 Oct 2025 17:13	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM
SubDirectory	PS102425	HP Acquire Method	HP Processing Method ps101325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24923		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS032149.D	24 Oct 2025 09:46	AR\AJ	Ok
2	I.BLK	PS032150.D	24 Oct 2025 10:10	AR\AJ	Ok
3	HSTDCCC750	PS032151.D	24 Oct 2025 10:34	AR\AJ	Ok,M
4	PB170172TB	PS032152.D	24 Oct 2025 12:28	AR\AJ	Ok
5	I.BLK	PS032153.D	24 Oct 2025 14:04	AR\AJ	Ok
6	HSTDCCC750	PS032154.D	24 Oct 2025 14:28	AR\AJ	Ok,M
7	Q3412-01MS	PS032155.D	24 Oct 2025 15:50	AR\AJ	ReRun
8	Q3412-01MSD	PS032156.D	24 Oct 2025 16:14	AR\AJ	ReRun
9	Q3412-01MSRE	PS032157.D	24 Oct 2025 16:39	AR\AJ	Confirms
10	Q3412-01MSDRE	PS032158.D	24 Oct 2025 17:04	AR\AJ	Confirms
11	I.BLK	PS032159.D	24 Oct 2025 17:28	AR\AJ	Ok
12	HSTDCCC750	PS032160.D	24 Oct 2025 17:53	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM
SubDirectory	PS101325	HP Acquire Method	HP Processing Method ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031981.D	13 Oct 2025 09:35		AR\AJ	Ok
2	I.BLK	I.BLK	PS031982.D	13 Oct 2025 10:29		AR\AJ	Ok,M
3	HSTDICC200	HSTDICC200	PS031983.D	13 Oct 2025 10:53		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031984.D	13 Oct 2025 11:17		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031985.D	13 Oct 2025 11:41	Method fail for comp@10	AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031986.D	13 Oct 2025 12:05		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031987.D	13 Oct 2025 12:29		AR\AJ	Ok,M
8	HSTDICV750	ICVPS101325	PS031988.D	13 Oct 2025 12:52		AR\AJ	Ok
9	I.BLK	I.BLK	PS031989.D	13 Oct 2025 13:16		AR\AJ	Ok,M
10	HSTDCCC750	HSTDCCC750	PS031990.D	13 Oct 2025 13:41		AR\AJ	Ok
11	Q3297-01	TP1	PS031991.D	13 Oct 2025 14:05		AR\AJ	Ok,M
12	Q3297-11	TP2	PS031992.D	13 Oct 2025 14:29		AR\AJ	Ok
13	PB170051BL	PB170051BL	PS031993.D	13 Oct 2025 14:53		AR\AJ	Ok
14	PB170051BS	PB170051BS	PS031994.D	13 Oct 2025 15:17	Comp#3,9,10,15 recovery fail	AR\AJ	Not Ok
15	Q3297-01MS	TP1MS	PS031995.D	13 Oct 2025 15:41	some compound recovery fail	AR\AJ	Ok,M
16	Q3297-01MSD	TP1MSD	PS031996.D	13 Oct 2025 16:06	some compound recovery fail	AR\AJ	Ok,M
17	Q3305-01	AU-06-100725	PS031997.D	13 Oct 2025 16:30		AR\AJ	Ok
18	I.BLK	I.BLK	PS031998.D	13 Oct 2025 16:54		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS101325

Review By	Abdul	Review On	10/14/2025 8:45:14 AM
Supervise By	mohammad	Supervise On	10/15/2025 1:15:14 AM
SubDirectory	PS101325	HP Acquire Method	HP Processing Method ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC Internal Standard/PEM	PP24559
ICV/I.BLK Surrogate Standard	PP24923
MS/MSD Standard	
LCS Standard	

19	HSTDCCC750	HSTDCCC750	PS031999.D	13 Oct 2025 17:18		ARIAJ	Ok,M
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M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS102325

Review By	Review On
Supervise By	Supervise On
SubDirectory	PS102325
HP Acquire Method	HP Processing Method
	ps101325 8151
STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032130.D	23 Oct 2025 09:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS032131.D	23 Oct 2025 09:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032132.D	23 Oct 2025 10:04		AR\AJ	Ok
4	PB170220BL	PB170220BL	PS032133.D	23 Oct 2025 10:31		AR\AJ	Ok
5	PB170220BS	PB170220BS	PS032134.D	23 Oct 2025 10:55		AR\AJ	Ok,M
6	Q3399-01	COMP-ROLLOFF	PS032135.D	23 Oct 2025 11:20		AR\AJ	Ok,M
7	Q3399-02	COMP-ROLLOFF	PS032136.D	23 Oct 2025 11:44		AR\AJ	Ok,M
8	PB170172TB	PB170172TB	PS032137.D	23 Oct 2025 12:09	Surrogate low in both column	AR\AJ	Not Ok
9	PB170221BL	PB170221BL	PS032138.D	23 Oct 2025 12:33		AR\AJ	Ok,M
10	PB170221BS	PB170221BS	PS032139.D	23 Oct 2025 12:58		AR\AJ	Ok,M
11	Q3412-01	TP-6	PS032140.D	23 Oct 2025 13:22		AR\AJ	Ok,M
12	Q3412-01MS	TP-6MS	PS032141.D	23 Oct 2025 13:47	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
13	Q3412-01MSD	TP-6MSD	PS032142.D	23 Oct 2025 14:11	recovery fail for some compounds, comp # 1 & 14 having F flag in 1st column	AR\AJ	Not Ok
14	I.BLK	I.BLK	PS032143.D	23 Oct 2025 14:36		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS032144.D	23 Oct 2025 15:00		AR\AJ	Ok,M
16	Q3399-02MS	COMP-ROLLOFFMS	PS032145.D	23 Oct 2025 15:25	recovery fail for some compounds	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS102325

Review By	Review On
Supervise By	Supervise On
SubDirectory	PS102325
HP Acquire Method	HP Processing Method
	ps101325 8151
STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q3399-02MSD	COMP-ROLLOFFMSD	PS032146.D	23 Oct 2025 15:49	recovery fail for some compounds	AR\AJ	Ok,M
18	I.BLK	I.BLK	PS032147.D	23 Oct 2025 16:49		AR\AJ	Ok
19	HSTDCCC750	HSTDCCC750	PS032148.D	23 Oct 2025 17:13		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS102425

Review By	Abdul	Review On	10/27/2025 9:16:47 AM
Supervise By	mohammad	Supervise On	10/28/2025 6:10:55 AM
SubDirectory	PS102425	HP Acquire Method	HP Processing Method ps101325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24556,PP24557,PP24558,PP24559,PP24560,PP24921
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24923
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS032149.D	24 Oct 2025 09:46		AR\AJ	Ok
2	I.BLK	I.BLK	PS032150.D	24 Oct 2025 10:10		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS032151.D	24 Oct 2025 10:34		AR\AJ	Ok,M
4	PB170172TB	PB170172TB	PS032152.D	24 Oct 2025 12:28		AR\AJ	Ok
5	I.BLK	I.BLK	PS032153.D	24 Oct 2025 14:04		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS032154.D	24 Oct 2025 14:28		AR\AJ	Ok,M
7	Q3412-01MS	TP-6MS	PS032155.D	24 Oct 2025 15:50	F Flag in comp#1,3,14. some compound recovery fail	AR\AJ	ReRun
8	Q3412-01MSD	TP-6MSD	PS032156.D	24 Oct 2025 16:14	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail	AR\AJ	ReRun
9	Q3412-01MSRE	TP-6MSRE	PS032157.D	24 Oct 2025 16:39	F Flag in comp#1,3,14. some compound recovery fail	AR\AJ	Confirms
10	Q3412-01MSDRE	TP-6MSDRE	PS032158.D	24 Oct 2025 17:04	F Flag in comp#1,3,14. some compound recovery fail , RPD Fail	AR\AJ	Confirms
11	I.BLK	I.BLK	PS032159.D	24 Oct 2025 17:28		AR\AJ	Ok
12	HSTDCCC750	HSTDCCC750	PS032160.D	24 Oct 2025 17:53		AR\AJ	Ok

M : Manual Integration

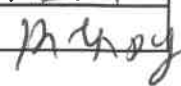
SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 10/21/2025 Time : 14:00
Weigh By :	JP	End Prep Date : 10/22/2025 Time : 07:20
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : NA 10
Extraction By :	JP	Initial Room Temperature: 22 °C
Filter By :	JP	Final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

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

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

Extraction Conformance/Non-Conformance Comments:

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

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

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

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

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

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

WORKLIST(Hardcopy Internal Chain)

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

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

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

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

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

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

Extraction By: EH

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 10:02

Extraction End Date : 10/22/2025

Extraction End Time : 17:00

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24929
Surrogate	1.0ML	5000 PPB	PP24999
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
Ether	N/A	E3969
Acidified Na2SO4	N/A	EP2633
12N H2SO4	N/A	EP2653
NAOH 6N	N/A	EP2654
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2650
Hexane	N/A	E3978
NACL	N/A	M4459
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:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext Lab)	R. Perle/Perle Lab
17:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170172TB	PB170172TB	TCLP Herbicide	100	6	Evelyn	RUPESH	10			SEP-1
PB170220BL	HBLK220	TCLP Herbicide	1000	6	Evelyn	RUPESH	10			2
PB170220BS	HLCS220	TCLP Herbicide	1000	6	Evelyn	RUPESH	10			3
Q3399-02	COMP-ROLLOFF	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		4
Q3399-02MS	COMP-ROLLOFFMS	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		5
Q3399-02MS D	COMP-ROLLOFFMSD	TCLP Herbicide	100	6	Evelyn	RUPESH	10	A		6

RS
10/22

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

10/22/25
09130

LAB CHRONICLE

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

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