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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:	8151A		% Solid:	89.9
Sample Wt/Vol:	30.06 g	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										
1918-00-9	DICAMBA	36.6	U	1	8.60	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
120-36-5	DICHLORPROP	36.6	U	1	14.2	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-75-7	2,4-D	36.6	U	1	10.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-72-1	2,4,5-TP (Silvex)	36.6	U	1	10.1	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-76-5	2,4,5-T	36.6	U	1	9.70	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-82-6	2,4-DB	36.6	U	1	26.9	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
88-85-7	DINOSEB	36.6	U	1	12.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	229			27 - 122		46%	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



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
Q3399-01	COMP-ROLLOFF	2,4-DCAA	1	500	229	46		27	122
		2,4-DCAA	2	500	228	46		27	122
PB170221BL	PB170221BL	2,4-DCAA	1	500	345	69		27	122
		2,4-DCAA	2	500	488	98		27	122
PB170221BS	PB170221BS	2,4-DCAA	1	500	516	103		27	122
		2,4-DCAA	2	500	508	102		27	122
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
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
Q3412-01MS	TP-6MS	2,4-DCAA	1	500	164	33		27	122
		2,4-DCAA	2	500	200	40		27	122
Q3412-01MSD	TP-6MSD	2,4-DCAA	1	500	196	39		27	122
		2,4-DCAA	2	500	189	38		27	122
I.BLK-PS032159.D	PIBLK-PS032159.D	2,4-DCAA	1	500	396	79		32	138
		2,4-DCAA	2	500	521	104		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>PS032155.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3412-01MS (Column 1)	Client Sample ID:		TP-6MS									
	DICAMBA	185.7	0	27.5	ug/Kg	15	*			38	132		
	DICHLORPROP	185.7	0	25.5	ug/Kg	14	*			28	155		
	2,4-D	185.7	0	200	ug/Kg	108				28	144		
	2,4,5-TP(Silvex)	185.7	0	18.0	ug/Kg	10	*			43	129		
	2,4,5-T	185.7	0	21.3	ug/Kg	11	*			31	138		
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142		
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152		
Lab Sample ID:	Q3412-01MS (Column 2)	Client Sample ID:		TP-6MS									
	DICAMBA	185.7	0	33.6	ug/Kg	18	*			38	132		
	DICHLORPROP	185.7	0	17.9	ug/Kg	10	*			28	155		
	2,4-D	185.7	0	23.6	ug/Kg	13				28	144		
	2,4,5-TP(Silvex)	185.7	0	44.5	ug/Kg	24	*			43	129		
	2,4,5-T	185.7	0	25.6	ug/Kg	14	*			31	138		
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142		
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152		

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>PS032156.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits		
			Result					Qual	Low	High	RPD	
Lab Sample ID:	Q3412-01MSD (Column 1)	Client Sample ID:		TP-6MSD								
	DICAMBA	185.6	0	27.4	ug/Kg	15	*	0		38	132	20
	DICHLORPROP	185.6	0	27.2	ug/Kg	15	*	7		28	155	20
	2,4-D	185.6	0	200	ug/Kg	108		0		28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.0	ug/Kg	10	*	0		43	129	20
	2,4,5-T	185.6	0	20.9	ug/Kg	11	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20
Lab Sample ID:	Q3412-01MSD (Column 2)	Client Sample ID:		TP-6MSD								
	DICAMBA	185.6	0	32.5	ug/Kg	18	*	0		38	132	20
	DICHLORPROP	185.6	0	20.0	ug/Kg	11	*	10		28	155	20
	2,4-D	185.6	0	26.1	ug/Kg	14		7		28	144	20
	2,4,5-TP(Silvex)	185.6	0	45.4	ug/Kg	24	*	0		43	129	20
	2,4,5-T	185.6	0	26.3	ug/Kg	14	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20

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>PS032157.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3412-01MSRE (Column 1)	Client Sample ID:		TP-6MSRE									
	DICAMBA	185.6	0	27.2	ug/Kg	15	*			38	132		
	DICHLORPROP	185.6	0	27.3	ug/Kg	15	*			28	155		
	2,4-D	185.6	0	202	ug/Kg	109				28	144		
	2,4,5-TP(Silvex)	185.6	0	17.9	ug/Kg	10	*			43	129		
	2,4,5-T	185.6	0	20.8	ug/Kg	11	*			31	138		
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142		
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152		
Lab Sample ID:	Q3412-01MSRE (Column 2)	Client Sample ID:		TP-6MSRE									
	DICAMBA	185.6	0	32.3	ug/Kg	17	*			38	132		
	DICHLORPROP	185.6	0	21.2	ug/Kg	11	*			28	155		
	2,4-D	185.6	0	23.8	ug/Kg	13				28	144		
	2,4,5-TP(Silvex)	185.6	0	45.6	ug/Kg	25	*			43	129		
	2,4,5-T	185.6	0	26.6	ug/Kg	14	*			31	138		
	2,4-DB	185.6	0	30.6	ug/Kg	16	*			34	142		
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152		

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>PS032158.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3412-01MSDR	Client Sample ID:		TP-6MSDRE								
	E (Column 1)											
	DICAMBA	185.6	0	27.1	ug/Kg	15	*			38	132	20
	DICHLORPROP	185.6	0	27.6	ug/Kg	15	*			28	155	20
	2,4-D	185.6	0	204	ug/Kg	110				28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.1	ug/Kg	10	*			43	129	20
	2,4,5-T	185.6	0	21.0	ug/Kg	11	*			31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20
Lab Sample ID:	Q3412-01MSDR	Client Sample ID:		TP-6MSDRE								
	E (Column 2)											
	DICAMBA	185.6	0	32.4	ug/Kg	17	*			38	132	20
	DICHLORPROP	185.6	0	22.1	ug/Kg	12	*			28	155	20
	2,4-D	185.6	0	24.3	ug/Kg	13				28	144	20
	2,4,5-TP(Silvex)	185.6	0	46.3	ug/Kg	25	*			43	129	20
	2,4,5-T	185.6	0	26.9	ug/Kg	14	*			31	138	20
	2,4-DB	185.6	0	31.0	ug/Kg	17	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170221BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170221BL

Lab File ID: PS032138.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

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): 12:33

Time Analyzed (2): 12:33

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
COMP-ROLLOFF	Q3399-01	PS032135.D	10/23/2025	10/23/2025
PB170221BS	PB170221BS	PS032139.D	10/23/2025	10/23/2025
TP-6MS	Q3412-01MS	PS032155.D	10/24/2025	10/24/2025
TP-6MSD	Q3412-01MSD	PS032156.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: PB170221BL	SDG No.:	Q3399
Lab Sample ID: PB170221BL	Matrix:	SOIL
Analytical Method: 8151A	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	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										
1918-00-9	DICAMBA	33.0	U	1	7.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
120-36-5	DICHLORPROP	33.0	U	1	12.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-75-7	2,4-D	33.0	U	1	9.00	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-72-1	2,4,5-TP (Silvex)	33.0	U	1	9.10	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-76-5	2,4,5-T	33.0	U	1	8.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-82-6	2,4-DB	33.0	U	1	24.2	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
88-85-7	DINOSEB	33.0	U	1	10.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	488			27 - 122		98%	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:	10/13/25
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:	WATER
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/13/25	PS101325
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
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/13/25	PS101325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
88-85-7	DINOSEB	1.50	U	1	0.89	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:	WATER
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510C	Prep Date:		Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
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
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	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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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:	WATER
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510C	Prep Date:		Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
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
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	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:	10/24/25
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:	WATER
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510C	Prep Date:		Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
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
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	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:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032159.D		SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032159.D		Matrix:	WATER
Analytical Method:	8151A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	SW3510C	Prep Date:		Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
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
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	521			32 - 138		104%	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:	
Project: NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID: PB170221BS	SDG No.:	Q3399
Lab Sample ID: PB170221BS	Matrix:	SOIL
Analytical Method: 8151A	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	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										
1918-00-9	DICAMBA	167		1	7.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
120-36-5	DICHLORPROP	158		1	12.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-75-7	2,4-D	164		1	9.00	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-72-1	2,4,5-TP (Silvex)	161		1	9.10	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-76-5	2,4,5-T	164		1	8.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-82-6	2,4-DB	164		1	24.2	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
88-85-7	DINOSEB	153		1	10.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	516			27 - 122		103%	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



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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	10/21/25
Client Sample ID:	TP-6MS		SDG No.:	Q3399
Lab Sample ID:	Q3412-01MS		Matrix:	SOIL
Analytical Method:	8151A		% Solid:	89.7
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	8151A	Prep Date	10/22/25	Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	33.6	J	1	8.60	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
120-36-5	DICHLORPROP	25.5	J	1	14.3	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-72-1	2,4,5-TP (Silvex)	44.5	JP	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-76-5	2,4,5-T	25.6	J	1	9.70	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-82-6	2,4-DB	36.8	U	1	27.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
88-85-7	DINOSEB	36.8	U	1	12.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	200			27 - 122		40%	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:	10/21/25
Client Sample ID:	TP-6MSD		SDG No.:	Q3399
Lab Sample ID:	Q3412-01MSD		Matrix:	SOIL
Analytical Method:	8151A		% Solid:	89.7
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	8151A	Prep Date	10/22/25	Herbicide

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	32.5	J	1	8.60	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
120-36-5	DICHLORPROP	27.2	J	1	14.3	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-72-1	2,4,5-TP (Silvex)	45.4	JP	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-76-5	2,4,5-T	26.3	J	1	9.70	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-82-6	2,4-DB	36.7	U	1	26.9	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
88-85-7	DINOSEB	36.7	U	1	12.0	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	196			27 - 122		39%	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

A
B
C
D
E
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G
H
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J
K
L

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

LAB FILE ID:	RT 200 =	<u>PS031983.D</u>	RT 500 =	<u>PS031984.D</u>
	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-T	10.34	10.33	10.32	10.32	10.32	10.32	10.22	10.42
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-DB	10.91	10.89	10.89	10.89	10.89	10.89	10.79	10.99
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85
DICAMBA	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
DICHLORPROP	8.67	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Dinoseb	11.27	11.27	11.26	11.26	11.26	11.26	11.16	11.36

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-T	27134500000	25593200000	26050400000	24405600000	23037600000	25244300000	6
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DB	2819950000	3011240000	3227170000	3188540000	3254670000	3100320000	6
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11
DICAMBA	24008900000	21120500000	21160300000	19699200000	18722800000	20942400000	10
DICHLORPROP	5759330000	4770830000	4696080000	4361250000	4183250000	4754150000	13
Dinoseb	27352300000	22713200000	22008900000	20350800000	19079100000	22300900000	14

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-T	17213000000	17169300000	17878100000	17051600000	16411300000	17144700000	3
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DB	1261010000	1198570000	1380760000	1303330000	1316780000	1292090000	5
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2
DICAMBA	9416080000	8584330000	8843470000	8348740000	8111820000	8660890000	6
DICHLORPROP	2249760000	1957040000	1967290000	1844370000	1772840000	1958260000	9
Dinoseb	16843100000	15214500000	15354400000	14560900000	14042400000	15203100000	7

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-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	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
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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 FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	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
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.478	9.678	799.240	712.500	12.2
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-DB	10.152	10.054	10.254	722.460	712.500	1.4
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0
DICAMBA	7.462	7.364	7.564	779.910	705.000	10.6
DICHLORPROP	8.170	8.073	8.273	739.890	705.000	4.9
Dinoseb	11.343	11.245	11.445	747.900	705.000	6.1

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-T	10.321	10.221	10.421	795.800	712.500	11.7
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-DB	10.889	10.789	10.989	805.500	712.500	13.1
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1
DICAMBA	7.939	7.838	8.038	766.180	705.000	8.7
DICHLORPROP	8.658	8.558	8.758	756.080	705.000	7.2
Dinoseb	11.263	11.163	11.363	777.120	705.000	10.2

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 FROM TO		DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	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
2,4,5-T	9.58	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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 FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	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
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	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		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.575	9.478	9.678	795.180	712.500	11.6
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-DB	10.150	10.054	10.254	759.070	712.500	6.5
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0
DICAMBA	7.462	7.364	7.564	759.800	705.000	7.8
DICHLORPROP	8.170	8.073	8.273	729.090	705.000	3.4
Dinoseb	11.343	11.245	11.445	706.040	705.000	0.1

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-T	10.321	10.221	10.421	793.440	712.500	11.4
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-DB	10.889	10.789	10.989	795.650	712.500	11.7
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1
DICAMBA	7.939	7.838	8.038	753.230	705.000	6.8
DICHLORPROP	8.658	8.558	8.758	744.020	705.000	5.5
Dinoseb	11.264	11.163	11.363	738.560	705.000	4.8

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
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	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
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	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 FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	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
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	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:** 10/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.574	9.478	9.678	776.340	712.500	9.0
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-DB	10.149	10.054	10.254	718.400	712.500	0.8
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4
DICAMBA	7.460	7.364	7.564	716.720	705.000	1.7
DICHLORPROP	8.169	8.073	8.273	710.070	705.000	0.7
Dinoseb	11.341	11.245	11.445	713.910	705.000	1.3

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:** 10/24/2025
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-T	10.320	10.221	10.421	783.510	712.500	10.0
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-DB	10.889	10.789	10.989	752.770	712.500	5.7
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2
DICAMBA	7.938	7.838	8.038	739.720	705.000	4.9
DICHLORPROP	8.658	8.558	8.758	728.780	705.000	3.4
Dinoseb	11.263	11.163	11.363	747.230	705.000	6.0

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: 17:53

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
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.01
2,4,5-TP(Silvex)	9.27	9.28	9.18	9.38	0.01
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	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: 17:53

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	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
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	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 :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.571	9.478	9.678	747.470	712.500	4.9
2,4,5-TP(Silvex)	9.274	9.180	9.380	736.630	712.500	3.4
2,4-D	8.405	8.312	8.512	746.330	705.000	5.9
2,4-DB	10.147	10.054	10.254	728.700	712.500	2.3
2,4-DCAA	7.277	7.182	7.382	793.030	750.000	5.7
DICAMBA	7.460	7.364	7.564	714.540	705.000	1.4
DICHLORPROP	8.167	8.073	8.273	708.050	705.000	0.4
Dinoseb	11.341	11.245	11.445	699.200	705.000	-0.8

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 :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.319	10.221	10.421	785.300	712.500	10.2
2,4,5-TP(Silvex)	9.890	9.792	9.992	747.340	712.500	4.9
2,4-D	8.998	8.902	9.102	768.550	705.000	9.0
2,4-DB	10.887	10.789	10.989	762.850	712.500	7.1
2,4-DCAA	7.742	7.644	7.844	858.900	750.000	14.5
DICAMBA	7.937	7.838	8.038	745.430	705.000	5.7
DICHLORPROP	8.656	8.558	8.758	733.520	705.000	4.0
Dinoseb	11.262	11.163	11.363	743.490	705.000	5.5

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
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.28	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.28	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.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
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
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.28	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.28	0.00
IBLK	IBLK	10/24/2025	17:28	PS032159.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.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
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.75	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.75	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.D	7.75	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
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
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.74	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.74	0.00
IBLK	IBLK	10/24/2025	17:28	PS032159.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170221BS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: PB170221BS

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		
DICHLORPROP	1	8.17	8.12	8.22	158	2.6
	2	8.66	8.61	8.71	154	
2,4-D	1	8.41	8.36	8.46	164	8.3
	2	9.01	8.96	9.06	151	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	161	1.9
	2	9.90	9.85	9.95	158	
2,4,5-T	1	9.58	9.53	9.63	164	4.4
	2	10.33	10.28	10.38	157	
2,4-DB	1	10.16	10.11	10.21	164	13
	2	10.90	10.85	10.95	144	
Dinoseb	1	11.35	11.30	11.40	153	2.6
	2	11.27	11.22	11.32	149	
DICAMBA	1	7.46	7.41	7.51	167	7.5
	2	7.94	7.89	7.99	155	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MS

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3412-01MS

Date(s) Analyzed: 10/24/2025 10/24/2025

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-T	1	9.58	9.53	9.63	21.3	18.3
	2	10.33	10.28	10.38	25.6	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	84.8
	2	9.88	9.83	9.93	44.5	
2,4-D	1	8.39	8.34	8.44	200	157.8
	2	9.01	8.96	9.06	23.6	
DICHLORPROP	1	8.17	8.12	8.22	25.5	35
	2	8.66	8.61	8.71	17.9	
DICAMBA	1	7.46	7.41	7.51	27.5	20
	2	7.93	7.88	7.98	33.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3412-01MSD

Date(s) Analyzed: 10/24/2025 10/24/2025

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	8.38	8.33	8.43	200	153.8
	2	9.01	8.96	9.06	26.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	86.4
	2	9.88	9.83	9.93	45.4	
2,4,5-T	1	9.58	9.53	9.63	20.9	22.9
	2	10.33	10.28	10.38	26.3	
DICHLORPROP	1	8.17	8.12	8.22	27.2	30.5
	2	8.66	8.61	8.71	20.0	
DICAMBA	1	7.46	7.41	7.51	27.4	17
	2	7.94	7.89	7.99	32.5	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:20
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 6 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 17:31:00 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	7.748	1092.4E6	251.0E6	229.161m	228.080

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 : PS032135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 11:20
Operator : AR\AJ
Sample : Q3399-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

COMP-ROLLOFF

Manual Integrations

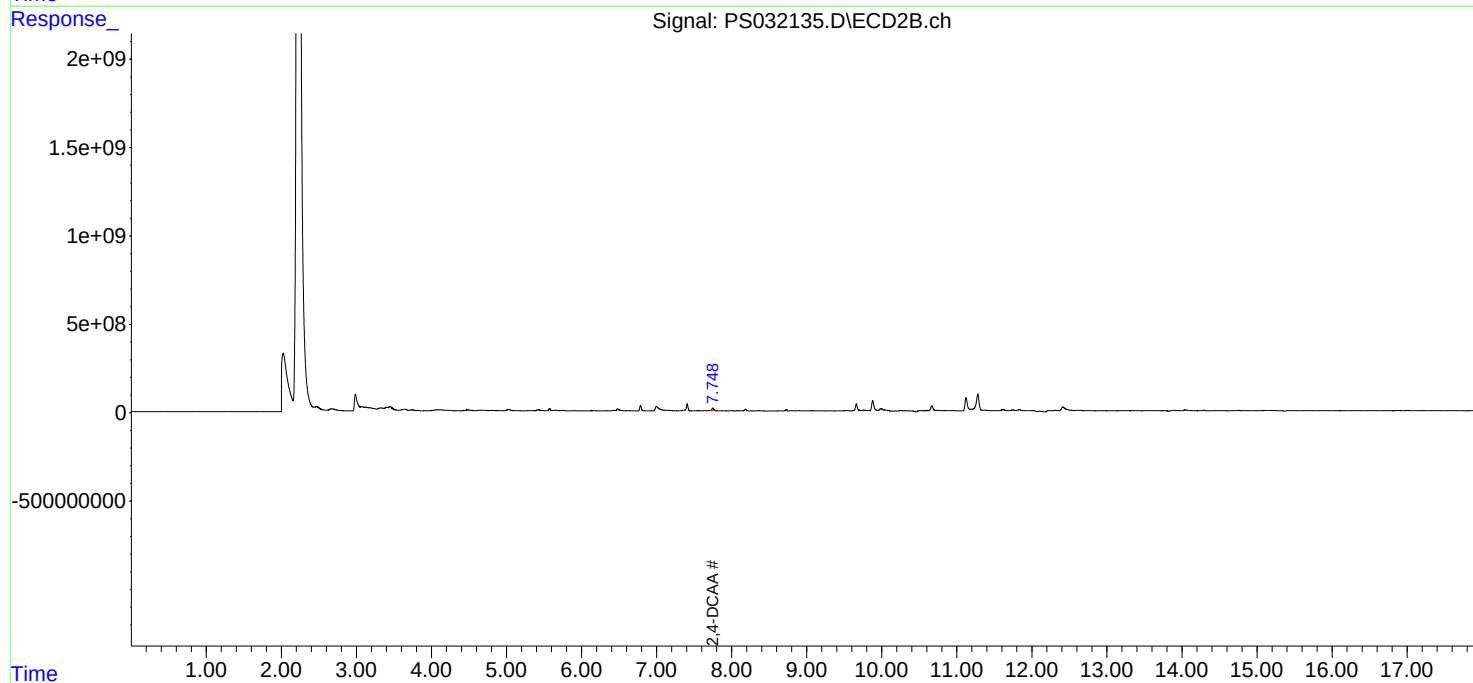
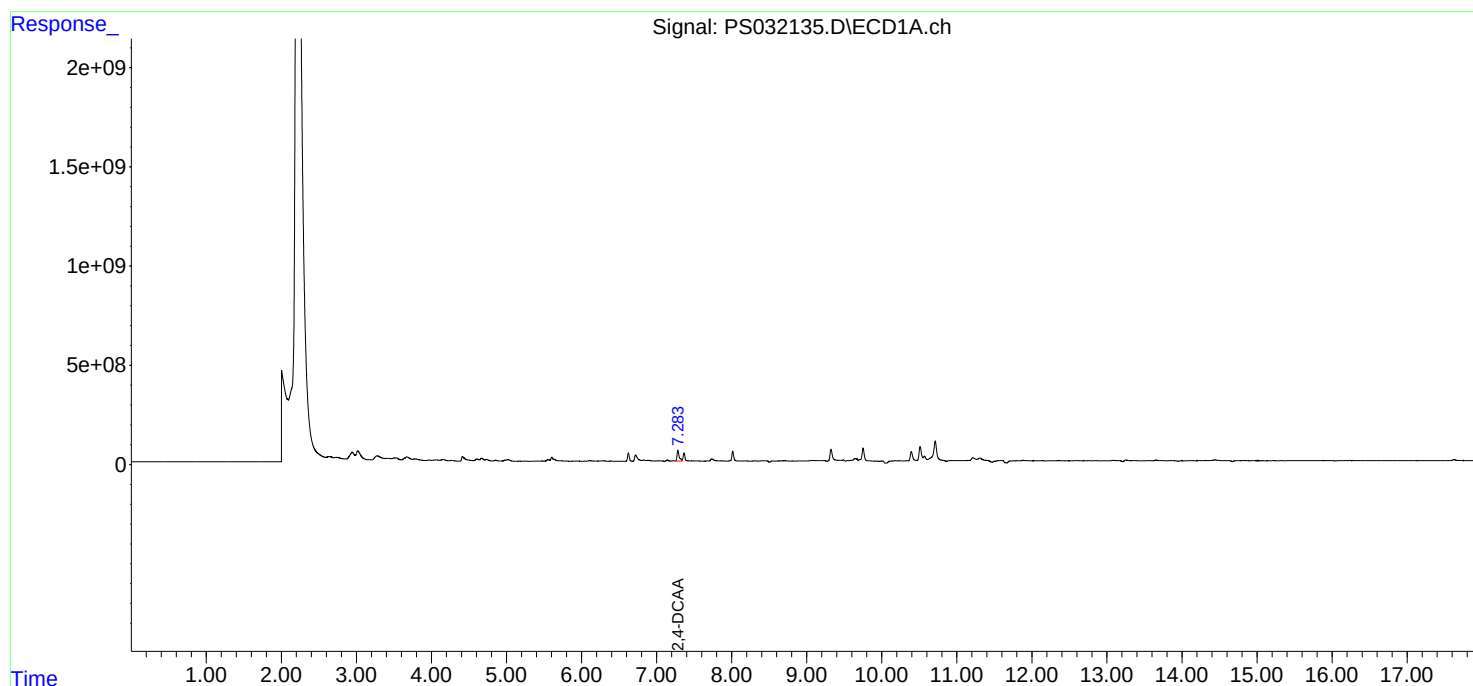
APPROVED

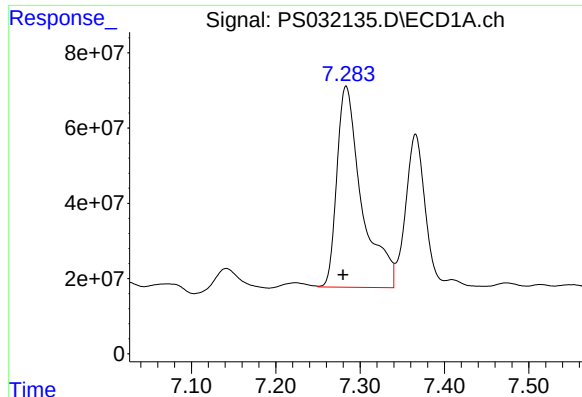
Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 17:31:00 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





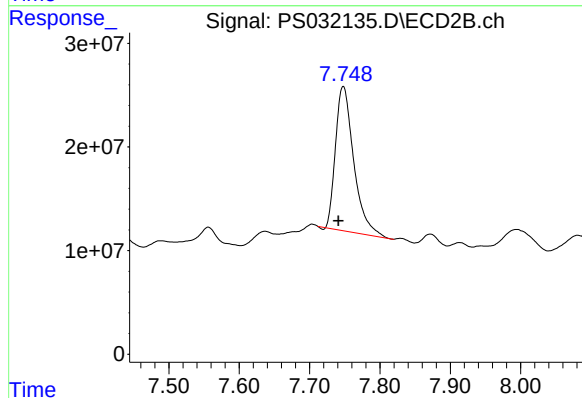
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.003 min
Response: 1092418884
Conc: 229.16 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



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 250965447
Conc: 228.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:33
Operator : AR\AJ
Sample : PB170221BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB170221BL

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 04:38:39 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	7.280	7.746	1645.1E6	536.6E6	345.098m	487.628 #

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 : PS032138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:33
Operator : AR\AJ
Sample : PB170221BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB170221BL

Manual Integrations

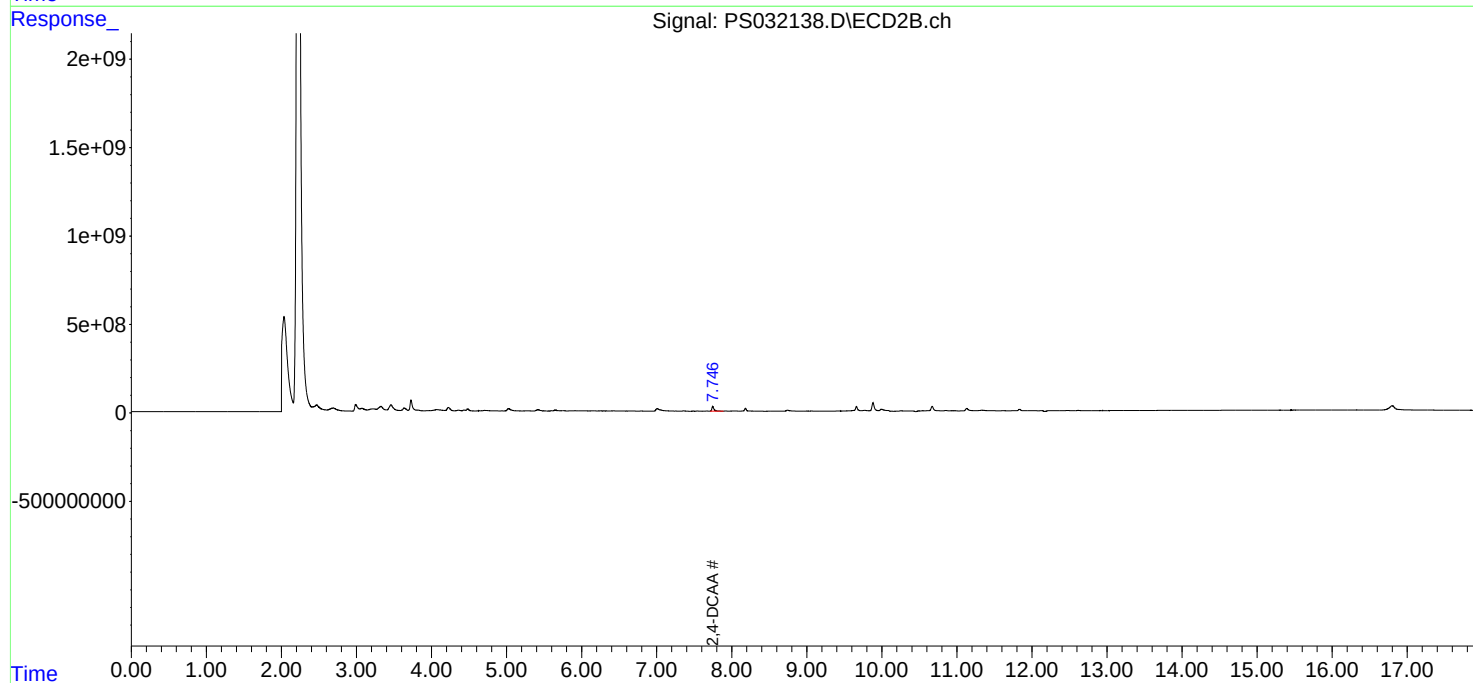
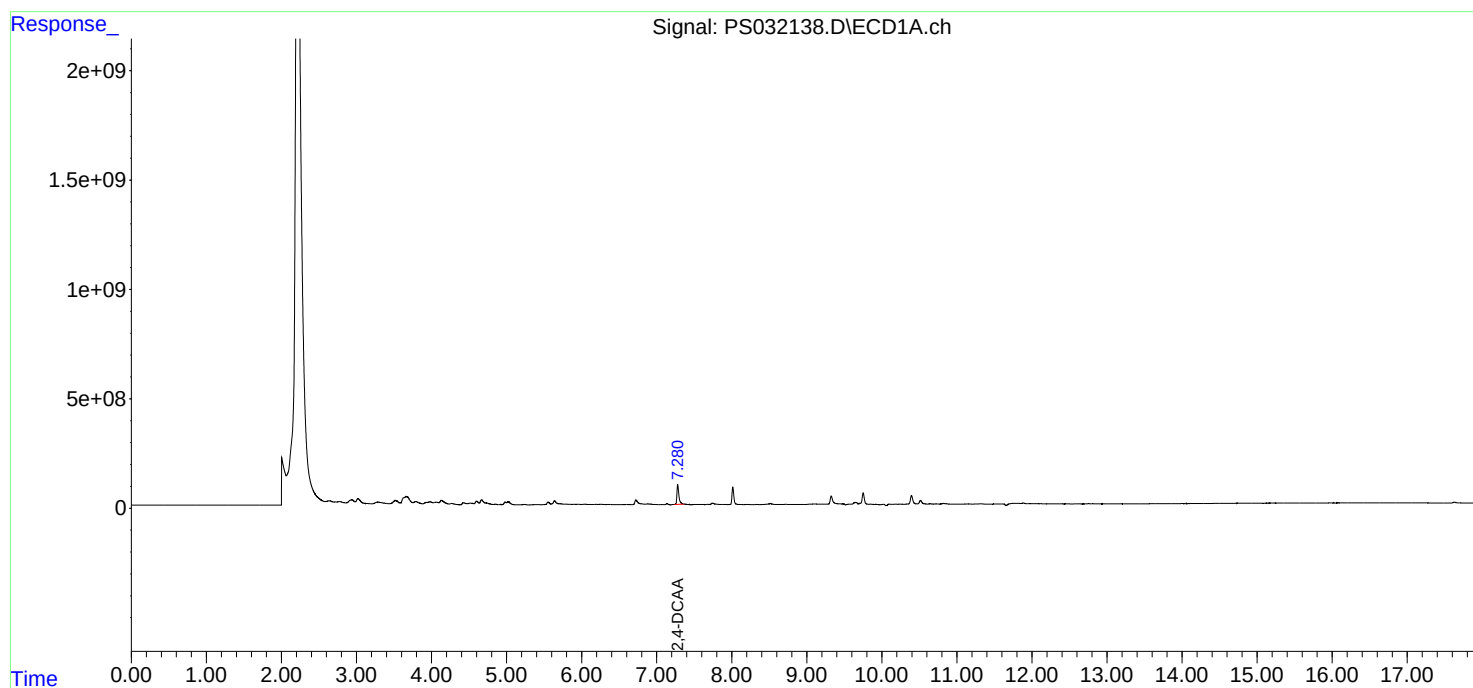
APPROVED

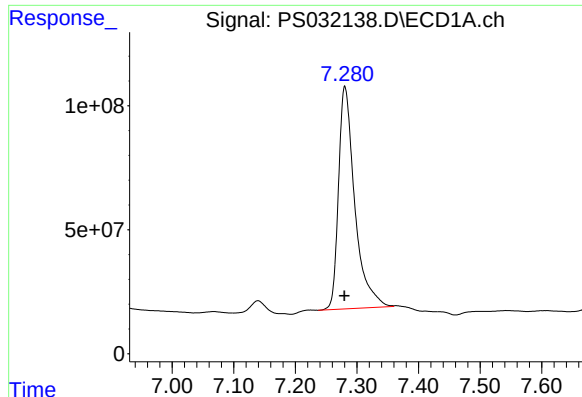
Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 04:38:39 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





#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 1645092230
Conc: 345.10 ng/ml

Instrument :

ECD_S

ClientSampleId :

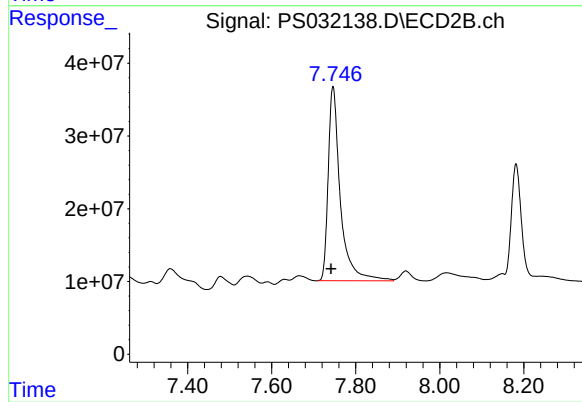
PB170221BL

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/24/2025

Supervised By :mohammad ahmed 10/28/2025



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 536557202
Conc: 487.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
 Data File : PS032139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 12:58
 Operator : AR\AJ
 Sample : PB170221BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB170221BS

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 04:39:04 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	7.748	2459.3E6	558.6E6	515.902	507.691
Target Compounds							
1) T	Dalapon	2.659	2.687	3397.5E6	1735.2E6	439.658	461.702
2) T	3,5-DICHL...	6.449	6.701	3407.8E6	963.0E6	484.141	461.675
3) T	4-Nitroph...	7.104	7.316f	588.6E6	650.8E6	440.996	428.884
5) T	DICAMBA	7.463	7.940	10495.5E6	4023.7E6	501.159	464.584
6) T	MCPD	7.640	8.035	531.2E6	106.2E6	43.441	42.792
7) T	MCPA	7.788	8.282	666.7E6	167.2E6	45.306	44.316
8) T	DICHLORPROP	8.172	8.661	2249.6E6	908.4E6	473.187	463.862
9) T	2,4-D	8.414	9.009	2390.7E6	945.3E6	492.328	454.859
10) T	Pentachlo...	8.701	9.508	38235.4E6	26448.6E6	569.662	510.356
11) T	2,4,5-TP ...	9.280	9.895	13652.0E6	9520.2E6	483.392	474.235
12) T	2,4,5-T	9.580	10.326	12443.1E6	8063.8E6	492.906	470.340
13) T	2,4-DB	10.158	10.896	1528.5E6	557.2E6	493.029	431.276
14) T	DINOSEB	11.345	11.265	10262.6E6	6803.6E6	460.188	447.516
15) T	Picloram	11.189	12.397	10341.4E6	13540.1E6	438.605m	406.706
16) T	DCPA	11.643	12.306	17818.8E6	15873.4E6	484.994	477.946

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102325\
Data File : PS032139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 12:58
Operator : AR\AJ
Sample : PB170221BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB170221BS

Manual Integrations

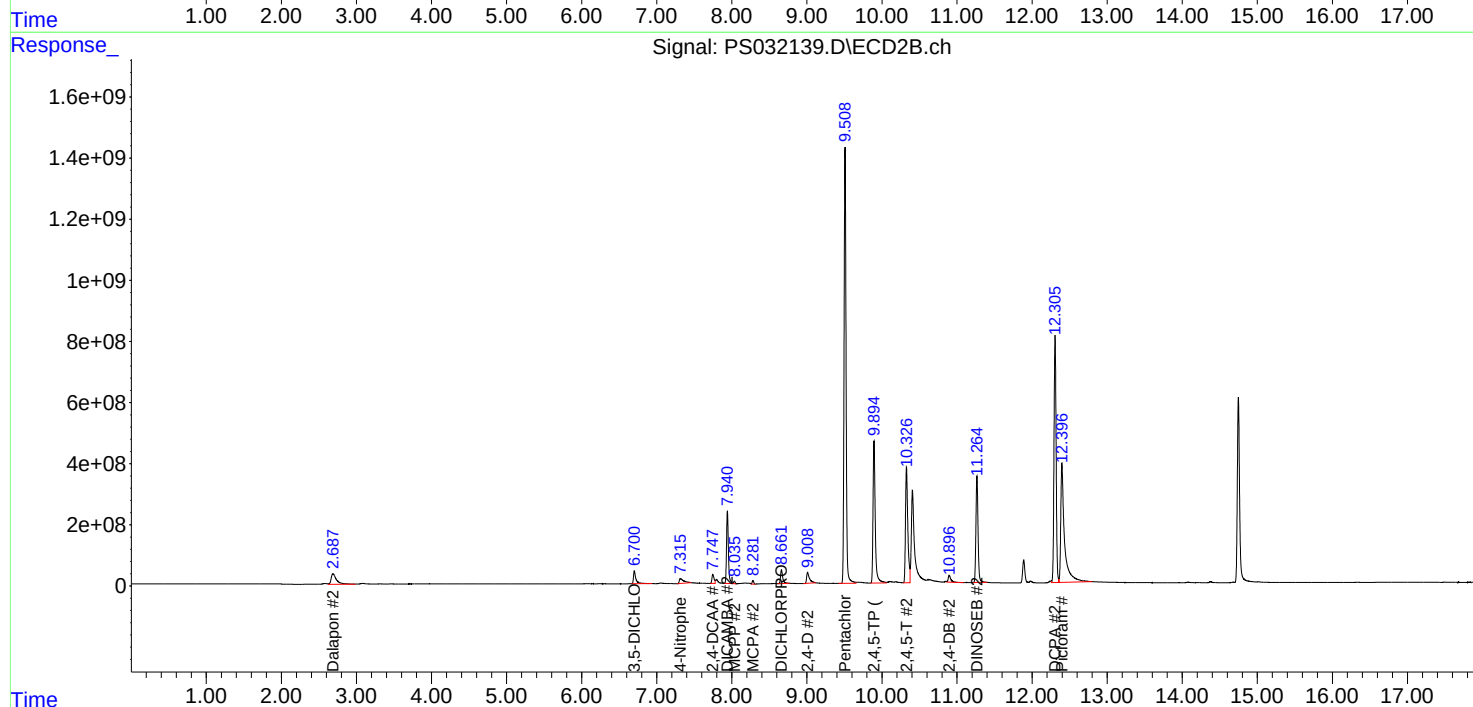
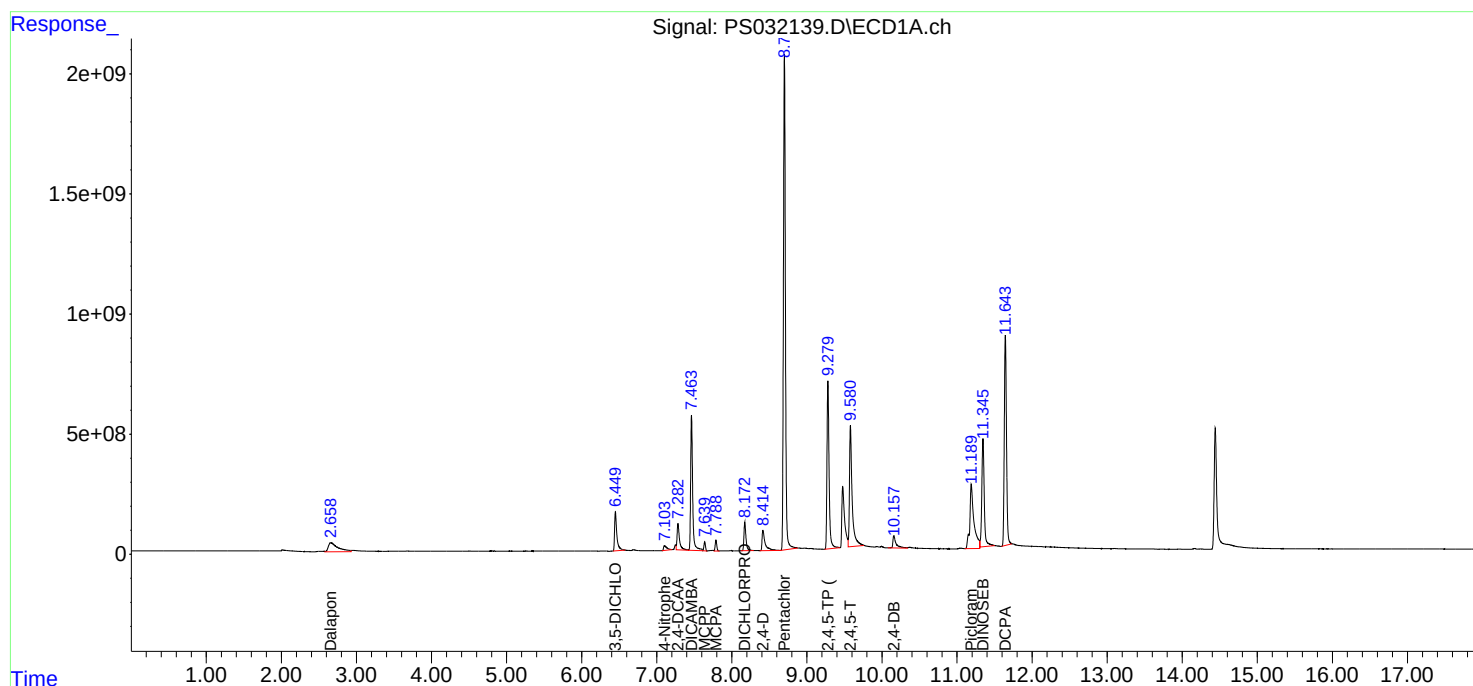
APPROVED

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 04:39:04 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\PS102425\
 Data File : PS032155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 15:50
 Operator : AR\AJ
 Sample : Q3412-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-6MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/27/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:22:45 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	7.740	782.3E6	219.7E6	164.106m	199.691
Target Compounds							
1) T	Dalapon	2.609f	2.678	771.4E6	896.7E6	99.825m	238.601m#
2) T	3,5-DICHL...	6.450	6.698	444.4E6	114.6E6	63.129	54.940
3) T	4-Nitroph...	7.053f	7.303	71190620	62025966	53.339m	40.876
5) T	DICAMBA	7.462	7.934	1549.8E6	783.0E6	74.003	90.401m
6) T	MCPD	7.636	8.026	20012546	2777418	1.637m	1.119m#
7) T	MCPA	7.784	8.278	100.3E6	10355812	6.818	2.745 #
8) T	DICHLORPROP	8.173	8.656	326.8E6	94372356	68.739	48.192 #
9) T	2,4-D	8.385	9.005	2618.8E6	131.9E6	539.301m	63.468m#
10) T	Pentachlo...	8.699	9.504	3450.4E6	2165.3E6	51.407	41.782m
11) T	2,4,5-TP ...	9.281	9.880	1372.2E6	2403.5E6	48.586	119.727 #
12) T	2,4,5-T	9.580	10.326	1445.2E6	1183.3E6	57.251	69.016
15) T	Picloram	11.187	12.388	2857.7E6	3311.9E6	121.202	99.479
16) T	DCPA	11.640	12.301	3736.2E6	4115.6E6	101.692	123.920m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:50
Operator : AR\AJ
Sample : Q3412-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-6MS

Manual Integrations

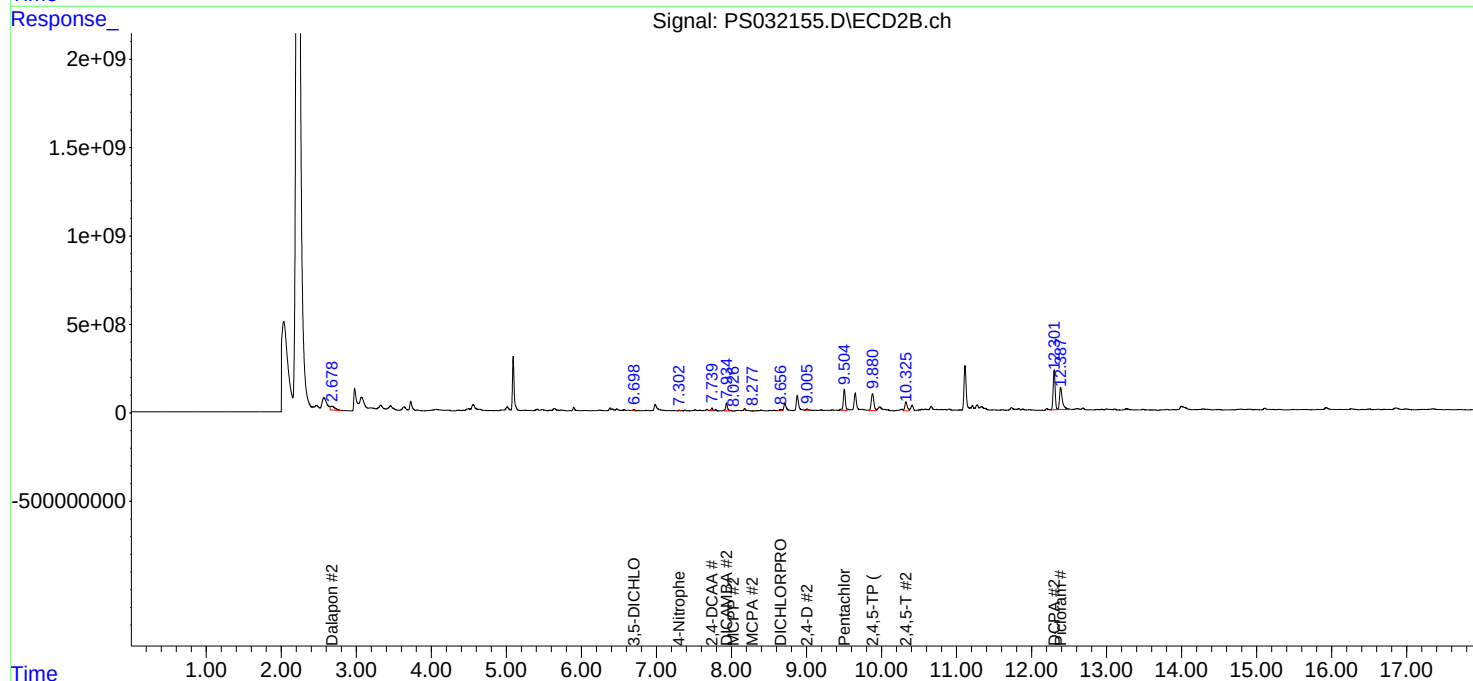
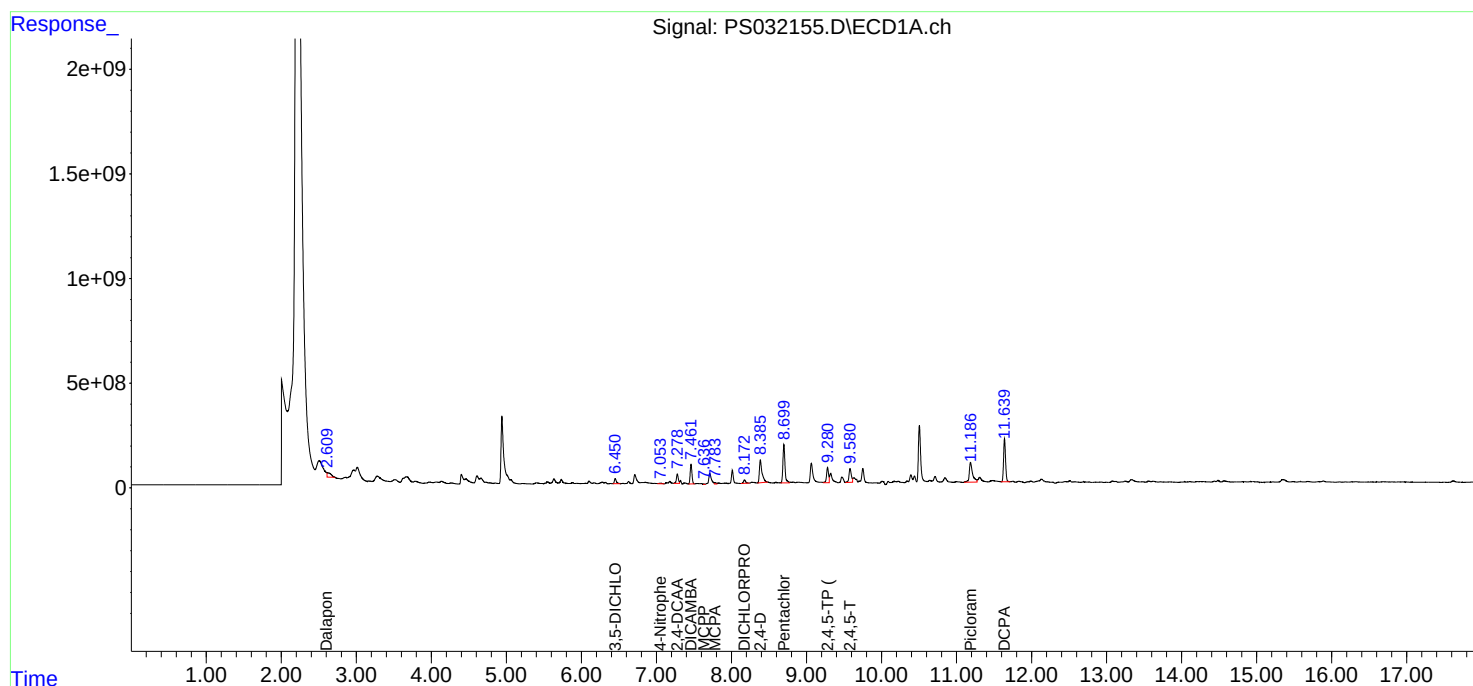
APPROVED

Reviewed By :Abdul Mirza 10/27/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:45 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\PS102425\
 Data File : PS032156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 16:14
 Operator : AR\AJ
 Sample : Q3412-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-6MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/27/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:22:57 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	7.276	7.741	935.5E6	208.3E6	196.239	189.334m
Target Compounds							
1) T	Dalapon	2.606f	2.681	893.6E6	1212.1E6	115.635m	322.505m#
2) T	3,5-DICHL...	6.447	6.699	441.9E6	126.5E6	62.786	60.643
3) T	4-Nitroph...	7.045f	7.305	75355821	64625040	56.460m	42.589
5) T	DICAMBA	7.459	7.936	1547.7E6	758.9E6	73.904	87.629m
6) T	MCPD	7.637	8.028	10743504	2357242	<MDL	<MDL m#
7) T	MCPA	7.783	8.280	82445090	9802086	5.602	2.598 #
8) T	DICHLORPROP	8.170	8.658	348.2E6	105.3E6	73.234	53.781 #
9) T	2,4-D	8.382	9.005	2613.5E6	146.1E6	538.223m	70.305m#
10) T	Pentachlo...	8.697	9.506	3385.9E6	2185.8E6	50.445	42.178m
11) T	2,4,5-TP ...	9.277	9.881	1367.6E6	2454.5E6	48.425	122.268 #
12) T	2,4,5-T	9.576	10.326	1421.7E6	1214.3E6	56.318	70.824 #
15) T	Picloram	11.181	12.389	2286.8E6	2624.1E6	96.988	78.821
16) T	DCPA	11.636	12.302	3688.0E6	4031.3E6	100.381	121.382m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102425\
Data File : PS032156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 16:14
Operator : AR\AJ
Sample : Q3412-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

TP-6MSD

Manual Integrations

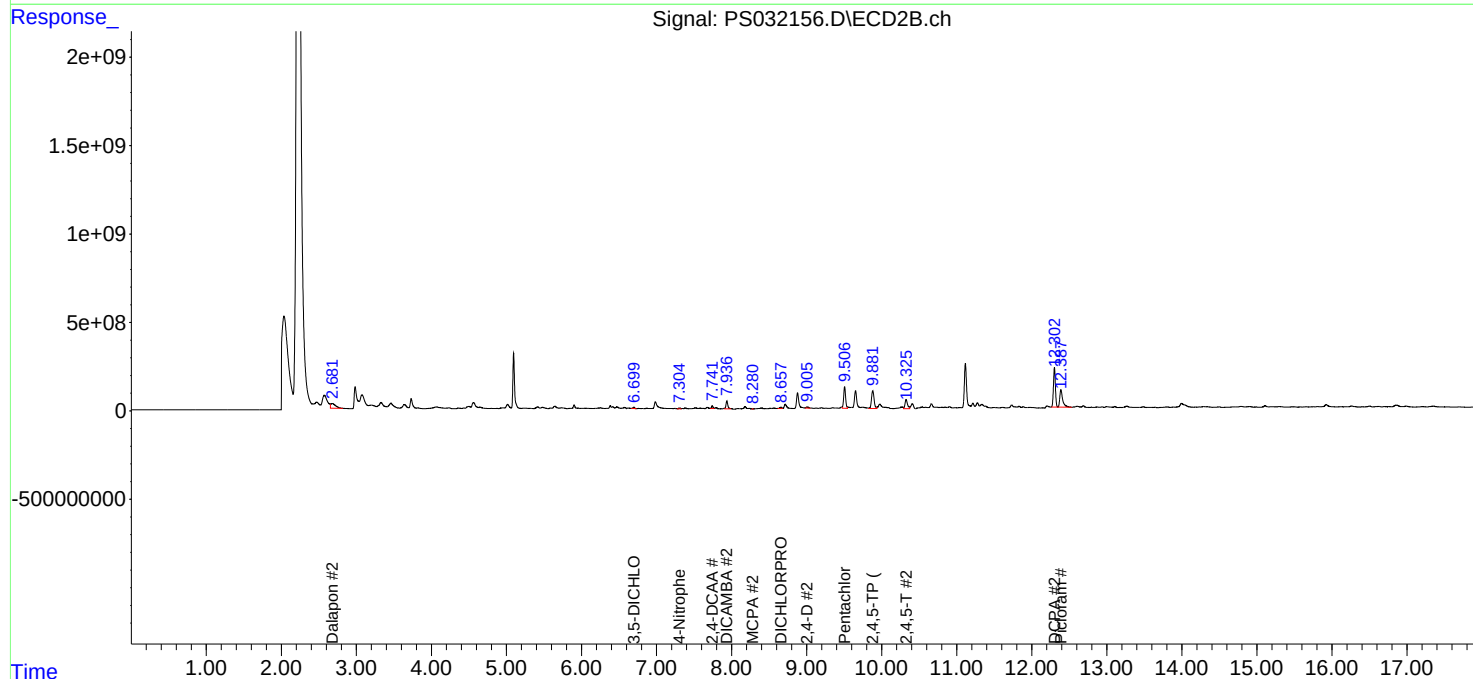
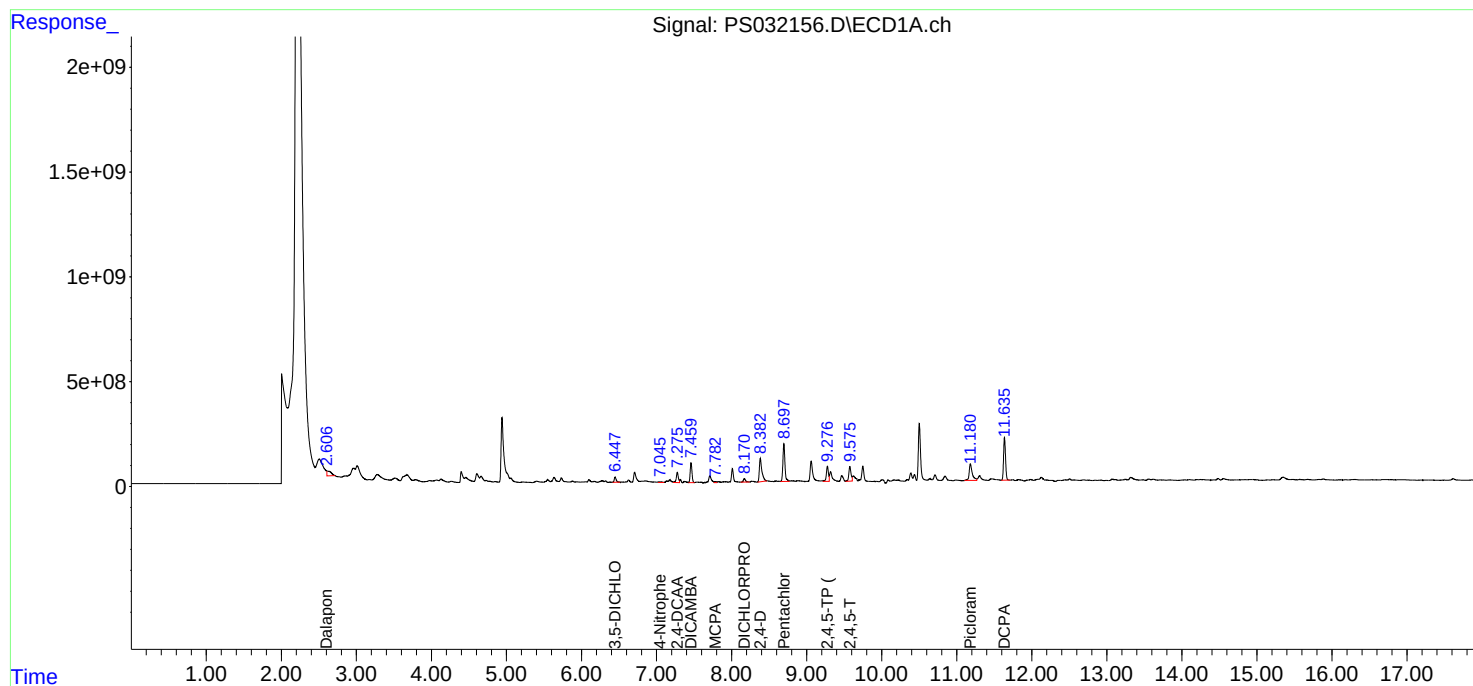
APPROVED

Reviewed By :Abdul Mirza 10/27/2025

Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:22:57 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
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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
Q3399-01	PS032135.D	2,4-DCAA	Abdul	10/24/2025 9:10:36 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
PB170221BL	PS032138.D	2,4-DCAA	Abdul	10/24/2025 9:10:15 AM	mohammad	10/28/2025 6:11:01	Peak Integrated by Software
PB170221BS	PS032139.D	Picloram	Abdul	10/24/2025 9:10:11 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

Manual Integration Report

Sequence:	pS102425	Instrument	ECD_s
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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
Q3412-01MS	PS032155.D	2,4-D	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	2,4-D #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	2,4-DCAA	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	4-Nitrophenol	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Dalapon	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Dalapon #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	DCCA #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	DICAMBA #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	MCP	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	MCP #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MS	PS032155.D	Pentachlorophenol #2	Abdul	10/27/2025 9:16:03 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software

Manual Integration Report

Sequence:	pS102425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3412-01MSD	PS032156.D	2,4-D	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	2,4-D #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	2,4-DCAA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	4-Nitrophenol	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Dalapon	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Dalapon #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	DCCA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	DICAMBA #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	MCCP #2	Abdul	10/27/2025 9:15:59 AM	mohammad	10/28/2025 6:10:55	Peak Integrated by Software
Q3412-01MSD	PS032156.D	Pentachlorophenol #2	Abdul	10/27/2025 9:15:59 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	Ok,M
8	Q3412-01MSD	PS032156.D	24 Oct 2025 16:14	AR\AJ	Ok,M
9	Q3412-01MSRE	PS032157.D	24 Oct 2025 16:39	AR\AJ	Not Ok
10	Q3412-01MSDRE	PS032158.D	24 Oct 2025 17:04	AR\AJ	Not Ok
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		PP24559					
Internal Standard/PEM							
ICV/I.BLK		PP24923					
Surrogate Standard							
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

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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 Internal Standard/PEM	PP24559
ICV/I.BLK Surrogate Standard	PP24923
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

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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	Ok,M
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	Ok,M
9	Q3412-01MSRE	TP-6MSRE	PS032157.D	24 Oct 2025 16:39	F Flag in comp#1,3,14. some compound recovery fail ,Not used	AR\AJ	Not Ok
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,Not used	AR\AJ	Not Ok
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: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

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: 3,4,7

Extraction Start Date : 10/22/2025

Extraction Start Time : 09:05

Extraction End Date : 10/22/2025

Extraction End Time : 16:45

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24929
Surrogate	1.0ML	5000 PPB	PP24916
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
MeCl2/Acetone/1:1	N/A	EP2641
Acidified Na2SO4	N/A	EP2633
Sand	N/A	E3951
HCL	N/A	M6200
DI WATER	N/A	N/A
37% KOH	N/A	EP2648
Methylene Chloride	N/A	E3980
1:3 SULPHURIC ACID	N/A	EP2647
Ether	N/A	E3969
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2650
Hexane	N/A	E3978
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ML Vial Lot # 03-40 BTS721.

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-66)	SR Post-PCBL
16:50	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				
PB170221BL	HBLK221	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170221BS	HLCS221	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q3399-01	COMP-ROLLOFF	Herbicide	30.06	N/A	ritesh	Evelyn	10	C		3
Q3412-01	TP-6	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		4
Q3412-01MS	TP-6MS	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q3412-01MS D	TP-6MSD	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		6

Rs
10/22

17422
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3399H WorkList ID : 192625 Department : Extraction Date : 10-22-2025 08:51:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Herbicide	Cool 4 deg C	ICES02	D41	10/20/2025	8151A
Q3412-01	TP-6	Solid	Herbicide	Cool 4 deg C	PSEG03	D31	10/20/2025	8151A

Date/Time 10/22/25 9:00
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CS

Date/Time 10/22/25 9:20
Raw Sample Received by: [Signature]
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	