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Hit Summary Sheet
SW-846

SDG No.: Q2481

Order ID: Q2481

Client: Environmental Restoration, LLC

Project ID: CC2-16 Analytical

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

Total Concentration: 0.000

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



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:		
Project:	CC2-16 Analytical		Date Received:	07/23/25	
Client Sample ID:	PB168969TB		SDG No.:	Q2481	
Lab Sample ID:	PB168969TB		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031241.D	1	07/23/25 11:45	07/24/25 21:53	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	564		61 - 136	113%	SPK: 500

Comments:

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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	10	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031317.D	1	07/23/25 11:45	07/30/25 14:25	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	446		61 - 136	89%	SPK: 500

Comments:

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031253.D	10	07/23/25 11:45	07/25/25 04:18	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	543		61 - 136	109%	SPK: 500

Comments:

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031254.D	10	07/23/25 11:45	07/25/25 04:43	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	1260	*	61 - 136	252%	SPK: 500

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031245.D	1	07/23/25 11:45	07/25/25 00:17	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	554		61 - 136	111%	SPK: 500

Comments:

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E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031255.D	10	07/23/25 11:45	07/25/25 05:07	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	2260	*	61 - 136	453%	SPK: 500

Comments:

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031256.D	10	07/23/25 11:45	07/25/25 05:31	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	1270	*	61 - 136	254%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031318.D	100	07/23/25 11:45	07/30/25 14:49	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9200	U	9200	20000	ug/L
93-72-1	2,4,5-TP (Silvex)	7800	U	7800	20000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	10800	*	61 - 136	2153%	SPK: 500

Comments:

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031248.D	1	07/23/25 11:45	07/25/25 01:29	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	504		61 - 136	101%	SPK: 500

Comments:

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LOD = Limit of Detection

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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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	10	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031258.D	10	07/23/25 11:45	07/25/25 06:19	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	920	U	920	2000	ug/L
93-72-1	2,4,5-TP (Silvex)	780	U	780	2000	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	3130	*	61 - 136	626%	SPK: 500

Comments:

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 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:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031249.D	1	07/23/25 11:45	07/25/25 01:53	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	92.0	U	92.0	200	ug/L
93-72-1	2,4,5-TP (Silvex)	78.0	U	78.0	200	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	642		61 - 136	128%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031156.D	PIBLK-PS031156.D	2,4-DCAA	1	500	397	79		61	136
		2,4-DCAA	2	500	504	101		61	136
I.BLK-PS031232.D	PIBLK-PS031232.D	2,4-DCAA	1	500	412	82		61	136
		2,4-DCAA	2	500	491	98		61	136
Q2641-02MS	P001-CONCRETE001-01MS	2,4-DCAA	1	500	452	90		61	136
		2,4-DCAA	2	500	499	100		61	136
Q2641-02MSD	P001-CONCRETE001-01MSD	2,4-DCAA	1	500	418	84		61	136
		2,4-DCAA	2	500	463	93		61	136
PB169001BL	PB169001BL	2,4-DCAA	1	500	407	81		61	136
		2,4-DCAA	2	500	473	95		61	136
PB169001BS	PB169001BS	2,4-DCAA	1	500	488	98		61	136
		2,4-DCAA	2	500	501	100		61	136
PB168969TB	PB168969TB	2,4-DCAA	1	500	564	113		61	136
		2,4-DCAA	2	500	495	99		61	136
I.BLK-PS031242.D	PIBLK-PS031242.D	2,4-DCAA	1	500	422	84		61	136
		2,4-DCAA	2	500	498	100		61	136
Q2481-15	CC0627-AOXL	2,4-DCAA	1	500	398	80		61	136
		2,4-DCAA	2	500	554	111		61	136
Q2481-19	CC0627-CLOXAL	2,4-DCAA	1	500	504	101		61	136
		2,4-DCAA	2	500	377	75		61	136
Q2481-21	CC0627-SFBL	2,4-DCAA	1	500	642	128		61	136
		2,4-DCAA	2	500	434	87		61	136
I.BLK-PS031251.D	PIBLK-PS031251.D	2,4-DCAA	1	500	374	75		61	136
		2,4-DCAA	2	500	470	94		61	136
Q2481-13	CC0627-CLOXPL	2,4-DCAA	1	500	246	49	*	61	136
		2,4-DCAA	2	500	543	109		61	136
Q2481-14	CC0625-OBXL	2,4-DCAA	1	500	1260	252	*	61	136
		2,4-DCAA	2	500	860	172	*	61	136
Q2481-16	CC0625-NL	2,4-DCAA	1	500	184	37	*	61	136
		2,4-DCAA	2	500	2260	453	*	61	136
Q2481-17	CC0267-OBXPL	2,4-DCAA	1	500	33.1	7	*	61	136
		2,4-DCAA	2	500	1270	254	*	61	136
Q2481-20	CC0627-BL	2,4-DCAA	1	500	507	101		61	136
		2,4-DCAA	2	500	3130	626	*	61	136
I.BLK-PS031259.D	PIBLK-PS031259.D	2,4-DCAA	1	500	171	34	*	61	136
		2,4-DCAA	2	500	34.5	7	*	61	136
I.BLK-PS031274.D	PIBLK-PS031274.D	2,4-DCAA	1	500	404	81		61	136
		2,4-DCAA	2	500	491	98		61	136
I.BLK-PS031315.D	PIBLK-PS031315.D	2,4-DCAA	1	500	431	86		61	136
		2,4-DCAA	2	500	499	100		61	136
Q2481-12	CC0627-AL	2,4-DCAA	1	500	399	80		61	136

Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2481-12	CC0627-AL	2,4-DCAA	2	500	446	89		61	136
Q2481-18	CC0627-OXL	2,4-DCAA	1	500	10800	2153	*	61	136
		2,4-DCAA	2	500	580	116		61	136
I.BLK-PS031320.D	PIBLK-PS031320.D	2,4-DCAA	1	500	424	85		61	136
		2,4-DCAA	2	500	473	95		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2481</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PS031234.D</u>

	Parameter	Spike	Sample		Result	Units	Rec	Rec		RPD		Limits	
			Result					Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MS	Client Sample ID:		P001-CONCRETE001-01M									
	(Column 1)												
	2,4-D	50	0	80.3	ug/L	161	*				65	135	
	2,4,5-TP(Silvex)	50	0	77.7	ug/L	155	*				62	139	
Lab Sample ID:	Q2641-02MS	Client Sample ID:		P001-CONCRETE001-01M									
	(Column 2)												
	2,4-D	50	0	86.2	ug/L	172	*				65	135	
	2,4,5-TP(Silvex)	50	0	76.7	ug/L	153	*				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2481</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PS031235.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MSD	Client Sample ID:	P001-CONCRETE001-01M								
(Column 1)											
2,4-D	50	0	76.2	ug/L	152	*	6		65	135	20
2,4,5-TP(Silvex)	50	0	73.8	ug/L	148	*	5		62	139	20
Lab Sample ID:	Q2641-02MSD	Client Sample ID:	P001-CONCRETE001-01M								
(Column 2)											
2,4-D	50	0	80.9	ug/L	162	*	6		65	135	20
2,4,5-TP(Silvex)	50	0	72.7	ug/L	145	*	5		62	139	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2481</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PS031237.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169001BS (Column 1)	2,4-D	5	6.00	ug/L	120				83	130		
	2,4,5-TP(Silvex)	5	5.60	ug/L	112				78	127		
PB169001BS (Column 2)	2,4-D	5	5.50	ug/L	110				83	130		
	2,4,5-TP(Silvex)	5	5.30	ug/L	106				78	127		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169001BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Lab Sample ID: PB169001BL

Lab File ID: PS031236.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025

Date Analyzed (2): 07/24/2025

Time Analyzed (1): 19:52

Time Analyzed (2): 19:52

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
P001-CONCRETE001-01MS	Q2641-02MS	PS031234.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PS031235.D	07/24/2025	07/24/2025
PB169001BS	PB169001BS	PS031237.D	07/24/2025	07/24/2025
PB168969TB	PB168969TB	PS031241.D	07/24/2025	07/24/2025
CC0627-AOXL	Q2481-15	PS031245.D	07/25/2025	07/25/2025
CC0627-CLOXAL	Q2481-19	PS031248.D	07/25/2025	07/25/2025
CC0627-SFBL	Q2481-21	PS031249.D	07/25/2025	07/25/2025
CC0627-CLOXPL	Q2481-13	PS031253.D	07/25/2025	07/25/2025
CC0625-0XBL	Q2481-14	PS031254.D	07/25/2025	07/25/2025
CC0625-NL	Q2481-16	PS031255.D	07/25/2025	07/25/2025
CC0267-0XPL	Q2481-17	PS031256.D	07/25/2025	07/25/2025
CC0627-BL	Q2481-20	PS031258.D	07/25/2025	07/25/2025
CC0627-AL	Q2481-12	PS031317.D	07/30/2025	07/30/2025
CC0627-0XL	Q2481-18	PS031318.D	07/30/2025	07/30/2025

COMMENTS: _____



QC SAMPLE DATA

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB169001BL	SDG No.:	Q2481
Lab Sample ID:	PB169001BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031236.D	1	07/23/25 11:45	07/24/25 19:52	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	473		61 - 136	95%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/21/25	
Project:	CC2-16 Analytical		Date Received:	07/21/25	
Client Sample ID:	PIBLK-PS031156.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031156.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031156.D	1		07/21/25	ps072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	504		61 - 136	101%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/24/25	
Project:	CC2-16 Analytical		Date Received:	07/24/25	
Client Sample ID:	PIBLK-PS031232.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031232.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031232.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/24/25	
Project:	CC2-16 Analytical		Date Received:	07/24/25	
Client Sample ID:	PIBLK-PS031242.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031242.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031242.D	1		07/24/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	498		61 - 136	100%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/25/25	
Project:	CC2-16 Analytical		Date Received:	07/25/25	
Client Sample ID:	PIBLK-PS031251.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031251.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031251.D	1		07/25/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	470		61 - 136	94%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/25/25	
Project:	CC2-16 Analytical		Date Received:	07/25/25	
Client Sample ID:	PIBLK-PS031259.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031259.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031259.D	1		07/25/25	PS072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	171	*	61 - 136	34%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/29/25	
Project:	CC2-16 Analytical		Date Received:	07/29/25	
Client Sample ID:	PIBLK-PS031274.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031274.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031274.D	1		07/29/25	PS072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		61 - 136	98%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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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:	Environmental Restoration, LLC		Date Collected:	07/30/25	
Project:	CC2-16 Analytical		Date Received:	07/30/25	
Client Sample ID:	PIBLK-PS031303.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031303.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031303.D	1		07/30/25	Ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	485		61 - 136	97%	SPK: 500

Comments:

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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:	Environmental Restoration, LLC		Date Collected:	07/30/25	
Project:	CC2-16 Analytical		Date Received:	07/30/25	
Client Sample ID:	PIBLK-PS031315.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031315.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031315.D	1		07/30/25	ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		61 - 136	100%	SPK: 500

Comments:

U = Not Detected

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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:	Environmental Restoration, LLC		Date Collected:	07/30/25	
Project:	CC2-16 Analytical		Date Received:	07/30/25	
Client Sample ID:	PIBLK-PS031320.D		SDG No.:	Q2481	
Lab Sample ID:	I.BLK-PS031320.D		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031320.D	1		07/30/25	ps073025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	473		61 - 136	95%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:		
Project:	CC2-16 Analytical		Date Received:		
Client Sample ID:	PB169001BS		SDG No.:	Q2481	
Lab Sample ID:	PB169001BS		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031237.D	1	07/23/25 11:45	07/24/25 20:16	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.00		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.60		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	501		61 - 136	100%	SPK: 500

Comments:

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:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031234.D	1	07/23/25 11:45	07/24/25 19:04	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	86.2		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	77.7		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		61 - 136	100%	SPK: 500

Comments:

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:	Environmental Restoration, LLC		Date Collected:	07/16/25	
Project:	CC2-16 Analytical		Date Received:	07/18/25	
Client Sample ID:	P001-CONCRETE001-01MSD		SDG No.:	Q2481	
Lab Sample ID:	Q2641-02MSD		Matrix:	TCLP	
Analytical Method:	8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031235.D	1	07/23/25 11:45	07/24/25 19:28	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	80.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	73.8		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		61 - 136	93%	SPK: 500

Comments:

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: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Instrument ID: ECD_S

Calibration Date(s): **07/21/2025** **07/21/2025**

Calibration Times: **15:02** **16:39**

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

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
RT 750 =	PS031159.D	RT 1000 =	PS031160.D	RT 1500 = PS031161.D

[illegible]



Lab Name:	<u>Alliance</u>	Contract:	<u>ENV160</u>	
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2481</u>	
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>07/21/2025</u>	<u>07/21/2025</u>
		Calibration Times:	<u>15:02</u>	<u>16:39</u>

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
	RT 750 =	PS031159.D	RT 1000 =	PS031160.D
			RT 1500 =	PS031161.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481

Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID:		CF 200 =	<u>PS031157.D</u>	CF 500 =	<u>PS031158.D</u>		
CF 750 =		<u>PS031159.D</u>	CF 1000 =	<u>PS031160.D</u>	CF 1500 =	<u>PS031161.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	24592600000	22780000000	21638700000	20857200000	19899400000	21953600000	8
2,4-D	4193860000	3820730000	3654460000	3552490000	3453030000	3734920000	8
2,4-DCAA	5091100000	4403340000	4248720000	4081100000	3917010000	4348250000	10

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481

Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 15:02 16:39

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

LAB FILE ID:		CF 200 =	<u>PS031157.D</u>	CF 500 =	<u>PS031158.D</u>		
CF 750 =		<u>PS031159.D</u>	CF 1000 =	<u>PS031160.D</u>	CF 1500 =	<u>PS031161.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16137400000	15454900000	14840900000	14348100000	13689700000	14894200000	6
2,4-D	1930260000	1742600000	1656200000	1604210000	1558320000	1698320000	9
2,4-DCAA	1147310000	1039810000	988394000	963101000	936229000	1014970000	8



Lab Name:	<u>Alliance</u>	Contract:	<u>ENV160</u>	
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2481</u>	
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>07/29/2025</u>	<u>07/29/2025</u>
		Calibration Times:	<u>16:30</u>	<u>18:07</u>

LAB FILE ID:	RT 200 = <u>PS031275.D</u>	RT 500 = <u>PS031276.D</u>
RT 750 = <u>PS031277.D</u>	RT 1000 = <u>PS031278.D</u>	RT 1500 = <u>PS031279.D</u>

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ENVI60</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2481</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>07/29/2025</u> <u>07/29/2025</u>
		Calibration Times:	<u>16:30</u> <u>18:07</u>

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

LAB FILE ID:	RT 200 = <u>PS031275.D</u>	RT 500 = <u>PS031276.D</u>
RT 750 = <u>PS031277.D</u>	RT 1000 = <u>PS031278.D</u>	RT 1500 = <u>PS031279.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-TP(Silvex)	9.93	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.03	9.03	9.03	9.02	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.76	7.76	7.77	7.67	7.87

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481

Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

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

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16396000000	16819100000	16676100000	16892300000	16522800000	16661300000	1
2,4-D	2576570000	2575840000	2553160000	2630000000	2631140000	2593340000	1
2,4-DCAA	3064840000	2959730000	2862370000	2871350000	2808730000	2913400000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2481

Calibration Date(s): 07/29/2025 07/29/2025
Calibration Times: 16:30 18:07

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

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	13057400000	12937900000	12568100000	12631100000	12319500000	12702800000	2
2,4-D	1448930000	1409840000	1369840000	1380980000	1368050000	1395530000	2
2,4-DCAA	882797000	843990000	816032000	820679000	811907000	835081000	4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 18:39

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 18:39

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	689.480	712.500	-3.2
2,4-D	8.451	8.356	8.556	729.310	705.000	3.4
2,4-DCAA	7.319	7.225	7.425	666.340	750.000	-11.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.926	9.829	10.029	671.800	712.500	-5.7
2,4-D	9.021	8.924	9.124	696.610	705.000	-1.2
2,4-DCAA	7.764	7.666	7.866	693.770	750.000	-7.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 23:29

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 23:29

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	685.930	712.500	-3.7
2,4-D	8.451	8.356	8.556	727.900	705.000	3.2
2,4-DCAA	7.320	7.225	7.425	669.120	750.000	-10.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.926	9.829	10.029	666.400	712.500	-6.5
2,4-D	9.022	8.924	9.124	695.080	705.000	-1.4
2,4-DCAA	7.764	7.666	7.866	688.880	750.000	-8.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/25/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 03:54

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/25/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 03:54

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.336	9.242	9.442	649.880	712.500	-8.8
2,4-D	8.452	8.356	8.556	681.610	705.000	-3.3
2,4-DCAA	7.321	7.225	7.425	622.120	750.000	-17.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/25/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031252.D **Time Analyzed:** 03:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.928	9.829	10.029	653.600	712.500	-8.3
2,4-D	9.024	8.924	9.124	678.870	705.000	-3.7
2,4-DCAA	7.766	7.666	7.866	682.020	750.000	-9.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/25/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 07:07

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/25/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 07:07

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031260.D **Time Analyzed:** 07:07

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.337	9.242	9.442	720.060	712.500	1.1
2,4-D	8.452	8.356	8.556	561.210	705.000	-20.4
2,4-DCAA	7.321	7.225	7.425	474.150	750.000	-36.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/25/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031260.D **Time Analyzed:** 07:07

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.928	9.829	10.029	680.560	712.500	-4.5
2,4-D	9.024	8.924	9.124	294.610	705.000	-58.2
2,4-DCAA	7.766	7.666	7.866	408.080	750.000	-45.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 09:04

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 09:04

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031304.D **Time Analyzed:** 09:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.321	9.227	9.427	724.450	712.500	1.7
2,4-D	8.440	8.346	8.546	700.000	705.000	-0.7
2,4-DCAA	7.311	7.215	7.415	770.290	750.000	2.7

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ENVI60</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2481</u>
GC Column:	<u>RTX-CLP2</u>	ID: <u>0.32</u> (mm)	Initi. Calib. Date(s): <u>07/29/2025</u> <u>07/29/2025</u>

Client Sample No.:	<u>CCAL04</u>	Date Analyzed:	<u>07/30/2025</u>
Lab Sample No.:	<u>HSTDCCC750</u>	Data File :	<u>PS031304.D</u>
		Time Analyzed:	<u>09:04</u>

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.920	9.824	10.024	704.490	712.500	-1.1
2,4-D	9.022	8.925	9.125	682.020	705.000	-3.3
2,4-DCAA	7.762	7.666	7.866	724.830	750.000	-3.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 14:01

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 14:01

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031316.D **Time Analyzed:** 14:01

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.318	9.227	9.427	746.630	712.500	4.8
2,4-D	8.440	8.346	8.546	737.630	705.000	4.6
2,4-DCAA	7.309	7.215	7.415	786.700	750.000	4.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031316.D **Time Analyzed:** 14:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.919	9.824	10.024	718.900	712.500	0.9
2,4-D	9.021	8.925	9.125	703.150	705.000	-0.3
2,4-DCAA	7.762	7.666	7.866	739.620	750.000	-1.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 16:26

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Continuing Calib Date: 07/30/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 16:26

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031321.D **Time Analyzed:** 16:26

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.318	9.227	9.427	748.330	712.500	5.0
2,4-D	8.439	8.346	8.546	728.020	705.000	3.3
2,4-DCAA	7.309	7.215	7.415	782.490	750.000	4.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2481
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/30/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031321.D **Time Analyzed:** 16:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.918	9.824	10.024	728.640	712.500	2.3
2,4-D	9.020	8.925	9.125	699.480	705.000	-0.8
2,4-DCAA	7.762	7.666	7.866	735.070	750.000	-2.0

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2481
Project: CC2-16 Analytical	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.33	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.33	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.33	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.33	0.00
IBLK	IBLK	07/24/2025	17:27	PS031232.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.32	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.32	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.32	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.32	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.32	0.00
PB168969TB	PB168969TB	07/24/2025	21:53	PS031241.D	7.32	0.00
IBLK	IBLK	07/24/2025	22:17	PS031242.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.32	0.00
CC0627-AOXL	Q2481-15	07/25/2025	00:17	PS031245.D	7.32	0.00
CC0627-CLOXAL	Q2481-19	07/25/2025	01:29	PS031248.D	7.28	0.00
CC0627-SFBL	Q2481-21	07/25/2025	01:53	PS031249.D	7.32	0.00
IBLK	IBLK	07/25/2025	02:42	PS031251.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.32	0.00
CC0627-CLOXPL	Q2481-13	07/25/2025	04:18	PS031253.D	7.34	0.00
CC0625-OBXL	Q2481-14	07/25/2025	04:43	PS031254.D	7.35	0.00
CC0625-NL	Q2481-16	07/25/2025	05:07	PS031255.D	7.34	0.00
CC0267-OBXL	Q2481-17	07/25/2025	05:31	PS031256.D	7.31	0.00
CC0627-BL	Q2481-20	07/25/2025	06:19	PS031258.D	7.34	0.00
IBLK	IBLK	07/25/2025	06:43	PS031259.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	07:07	PS031260.D	7.32	0.00
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.32	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.32	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.32	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.32	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.32	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.32	0.00
IBLK	IBLK	07/30/2025	13:37	PS031315.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	14:01	PS031316.D	7.31	0.00
CC0627-AL	Q2481-12	07/30/2025	14:25	PS031317.D	7.31	0.00
CC0627-OBXL	Q2481-18	07/30/2025	14:49	PS031318.D	7.30	0.00
IBLK	IBLK	07/30/2025	16:02	PS031320.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	16:26	PS031321.D	7.31	0.00

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2481
Project: CC2-16 Analytical	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.77	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.77	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.77	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.77	0.00
IBLK	IBLK	07/24/2025	17:27	PS031232.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.76	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.76	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.76	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.76	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.76	0.00
PB168969TB	PB168969TB	07/24/2025	21:53	PS031241.D	7.76	0.00
IBLK	IBLK	07/24/2025	22:17	PS031242.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.76	0.00
CC0627-AOXL	Q2481-15	07/25/2025	00:17	PS031245.D	7.76	0.00
CC0627-CLOXAL	Q2481-19	07/25/2025	01:29	PS031248.D	7.75	0.00
CC0627-SFBL	Q2481-21	07/25/2025	01:53	PS031249.D	7.76	0.00
IBLK	IBLK	07/25/2025	02:42	PS031251.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	03:54	PS031252.D	7.77	0.00
CC0627-CLOXPL	Q2481-13	07/25/2025	04:18	PS031253.D	7.78	0.00
CC0625-OBXL	Q2481-14	07/25/2025	04:43	PS031254.D	7.79	0.00
CC0625-NL	Q2481-16	07/25/2025	05:07	PS031255.D	7.79	0.00
CC0267-OBXL	Q2481-17	07/25/2025	05:31	PS031256.D	7.79	0.00
CC0627-BL	Q2481-20	07/25/2025	06:19	PS031258.D	7.79	0.00
IBLK	IBLK	07/25/2025	06:43	PS031259.D	7.77	0.00
HSTDCCC750	HSTDCCC750	07/25/2025	07:07	PS031260.D	7.77	0.00
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.77	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.77	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.77	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.76	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.76	0.00
IBLK	IBLK	07/30/2025	13:37	PS031315.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	14:01	PS031316.D	7.76	0.00
CC0627-AL	Q2481-12	07/30/2025	14:25	PS031317.D	7.76	0.00
CC0627-OBXL	Q2481-18	07/30/2025	14:49	PS031318.D	7.77	0.00
IBLK	IBLK	07/30/2025	16:02	PS031320.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/30/2025	16:26	PS031321.D	7.76	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Lab Sample ID: Q2641-02MS

Date(s) Analyzed: 07/24/2025 07/24/2025

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	8.45	8.40	8.50	80.3	7.1
	2	9.02	8.97	9.07	86.2	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	77.7	1.3
	2	9.93	9.88	9.98	76.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Lab Sample ID: Q2641-02MSD

Date(s) Analyzed: 07/24/2025 07/24/2025

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	8.45	8.40	8.50	76.2	6
	2	9.02	8.97	9.07	80.9	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	73.8	1.5
	2	9.93	9.88	9.98	72.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169001BS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2481

Lab Sample ID: PB169001BS

Date(s) Analyzed: 07/24/2025 07/24/2025

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-TP(Silvex)	1	9.34	9.29	9.39	5.60	5.5
	2	9.93	9.88	9.98	5.30	
2,4-D	1	8.45	8.40	8.50	6.00	8.7
	2	9.02	8.97	9.07	5.50	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 21:53
 Operator : AR\AJ
 Sample : PB168969TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168969TB

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:46:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.318	7.763	2451.9E6	502.7E6	563.874	495.328

Target Compounds

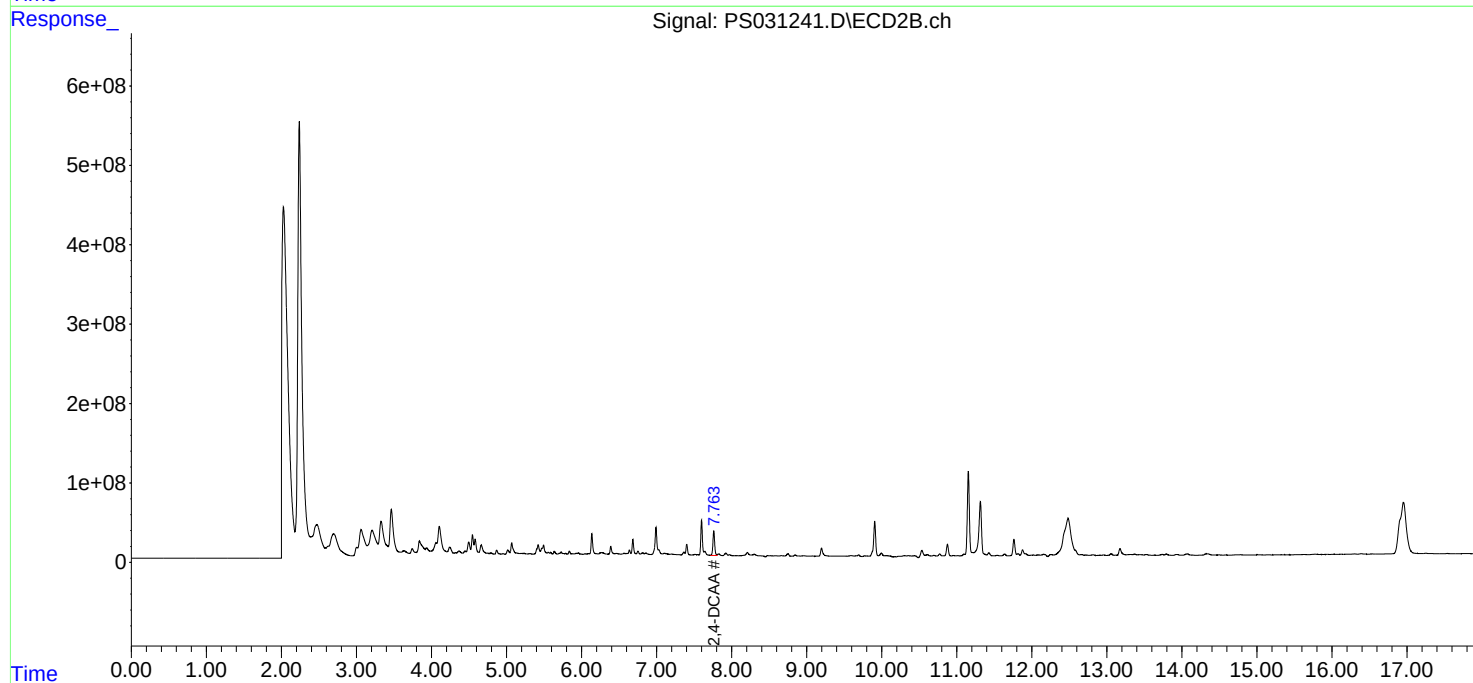
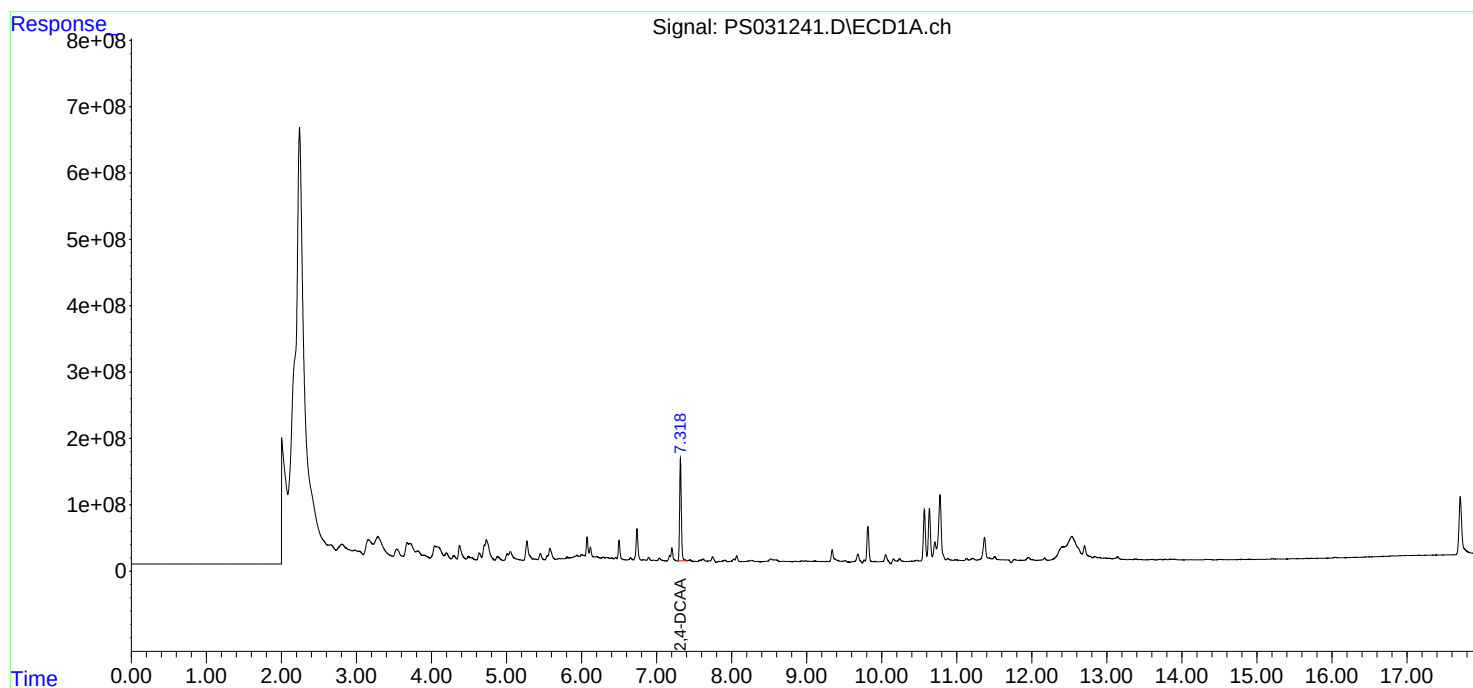
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

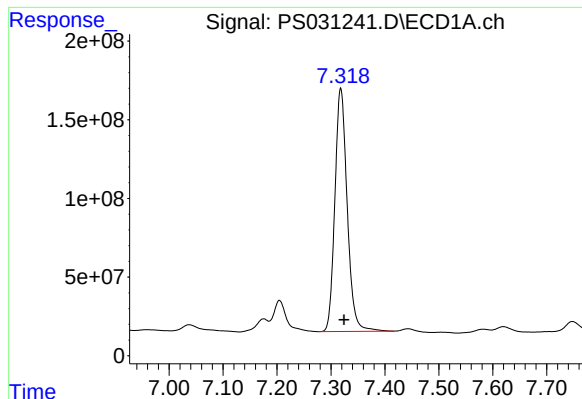
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:53
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:46:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

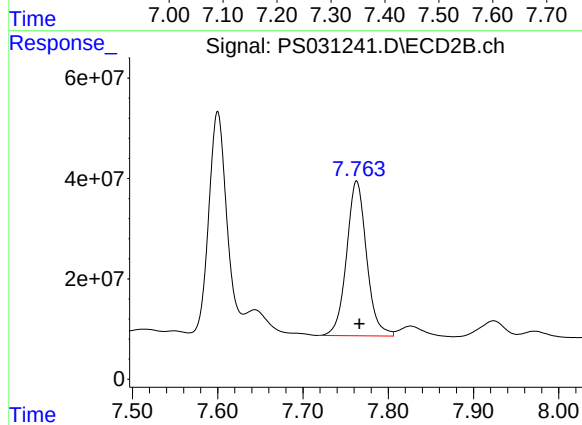




#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 2451868735
Conc: 563.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168969TB



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 502742234
Conc: 495.33 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:25
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:41:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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	7.310	7.761	1163.7E6	372.8E6	399.439	446.472

Target Compounds

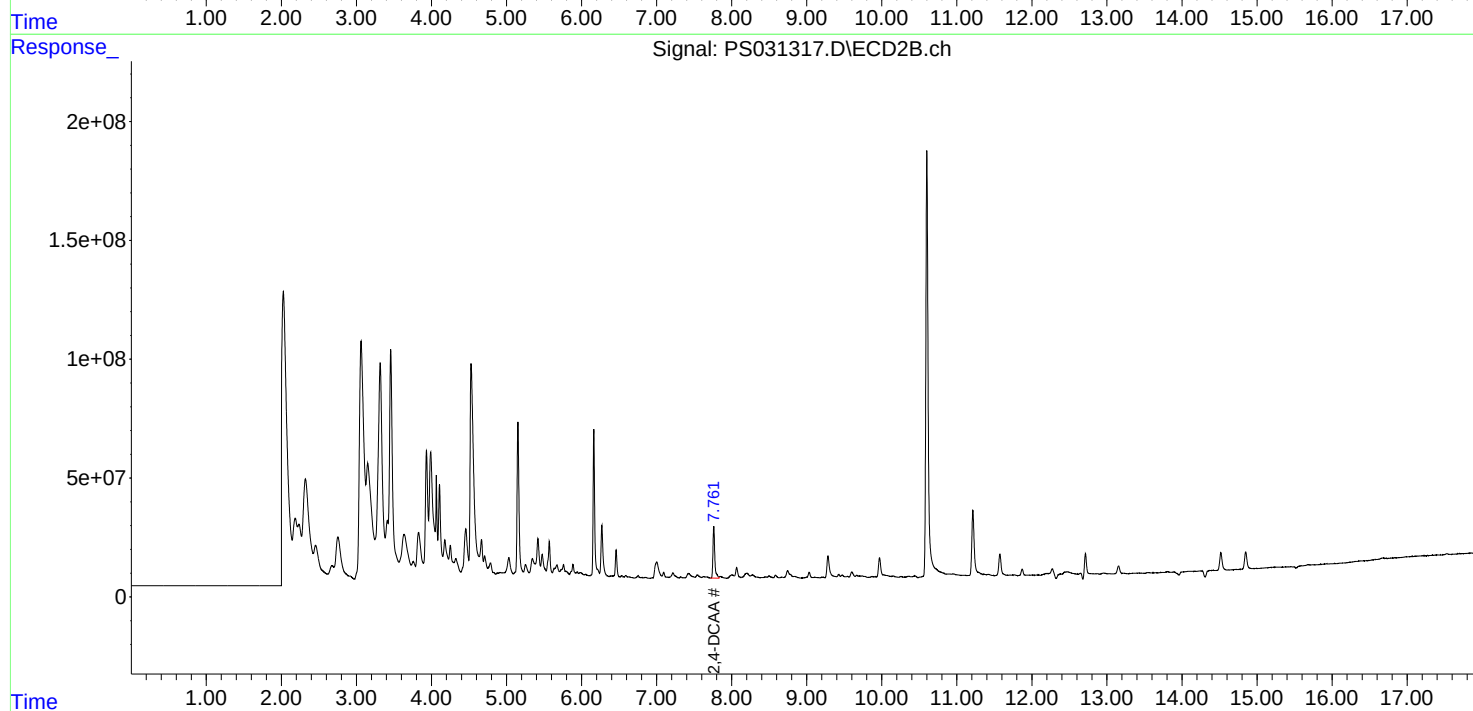
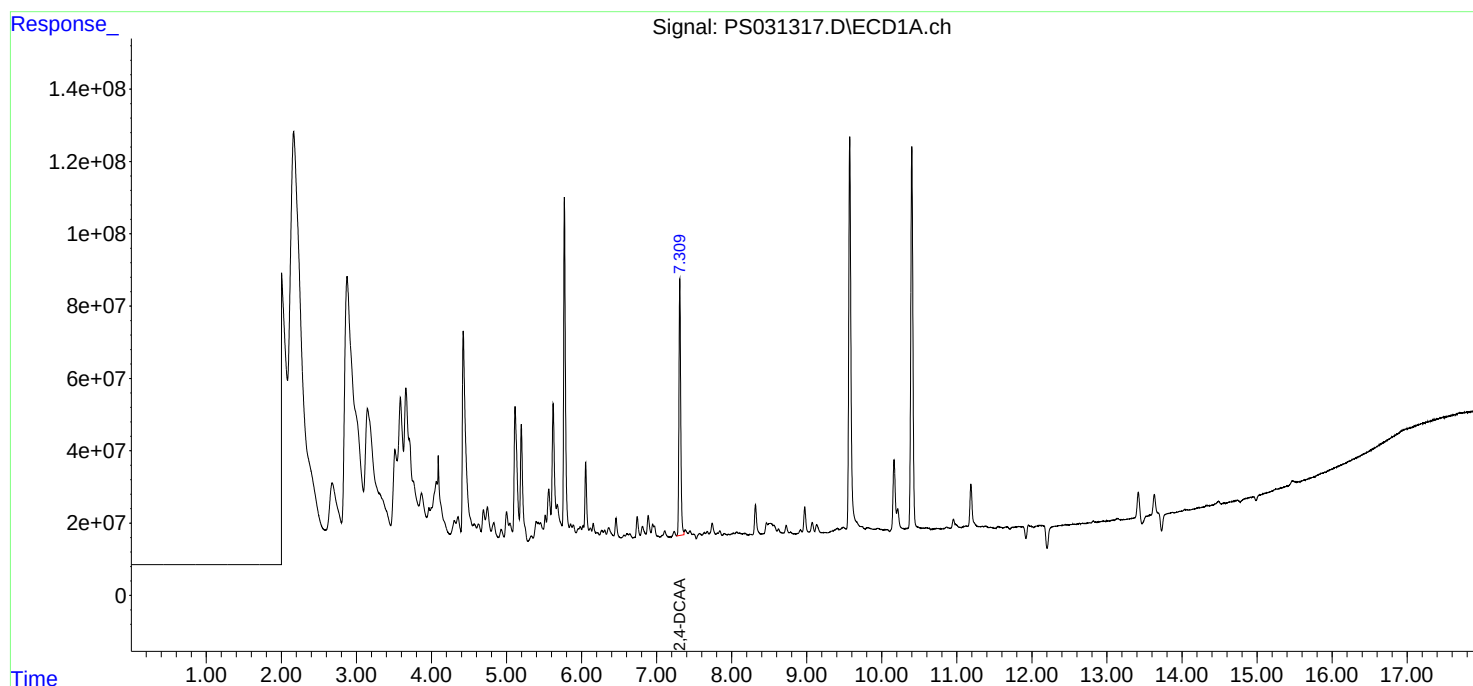
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

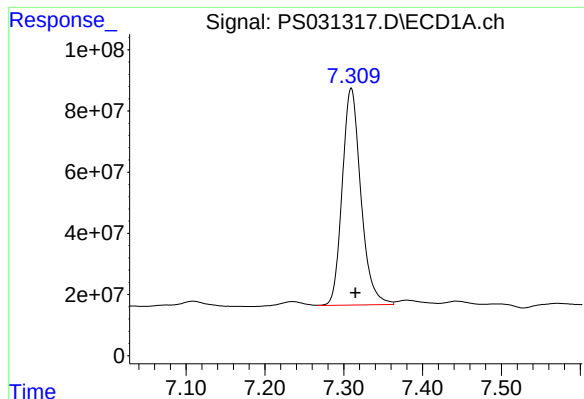
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:25
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:41:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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

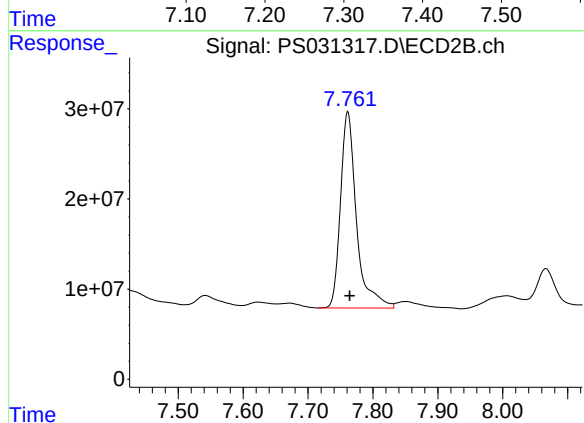




#4 2,4-DCAA

R.T.: 7.310 min
Delta R.T.: -0.005 min
Response: 1163728515
Conc: 399.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-AL



#4 2,4-DCAA

R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 372840553
Conc: 446.47 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:18
Operator : AR\AJ
Sample : Q2481-13 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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
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System Monitoring Compounds

Target Compounds

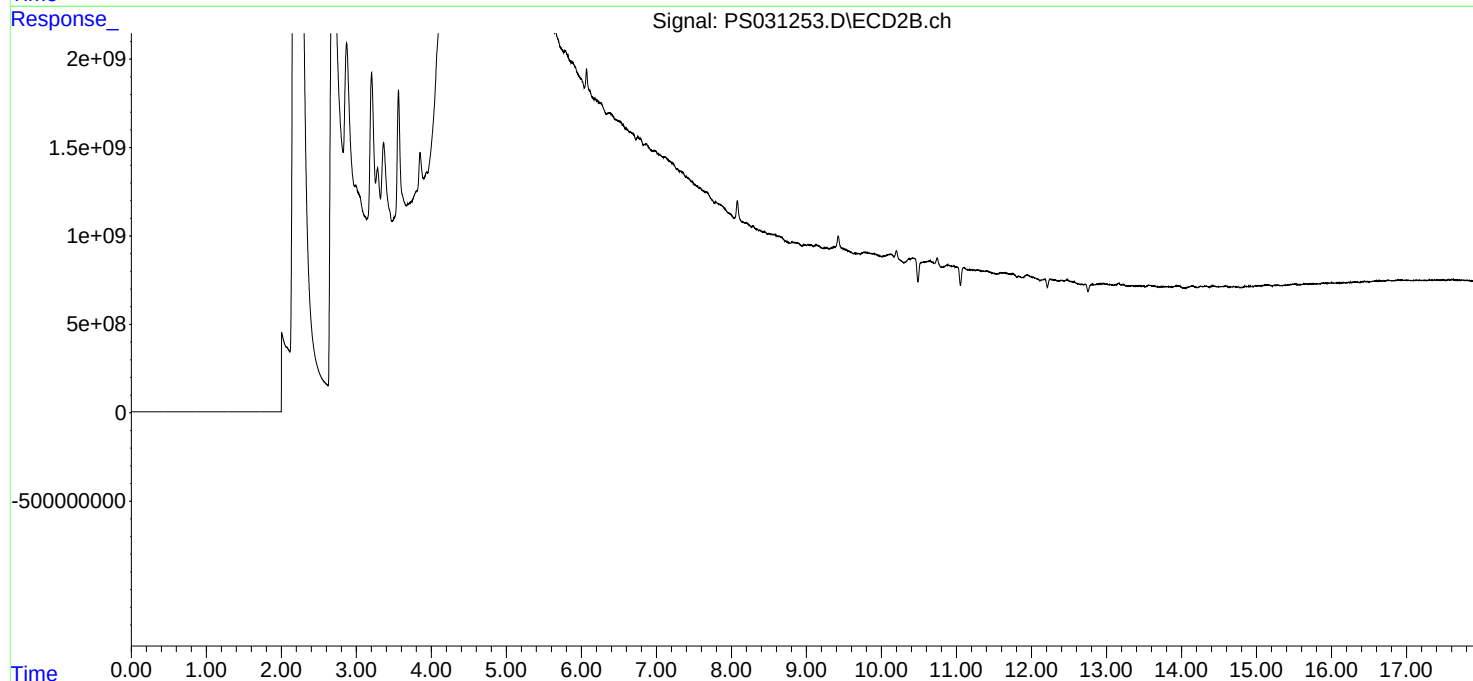
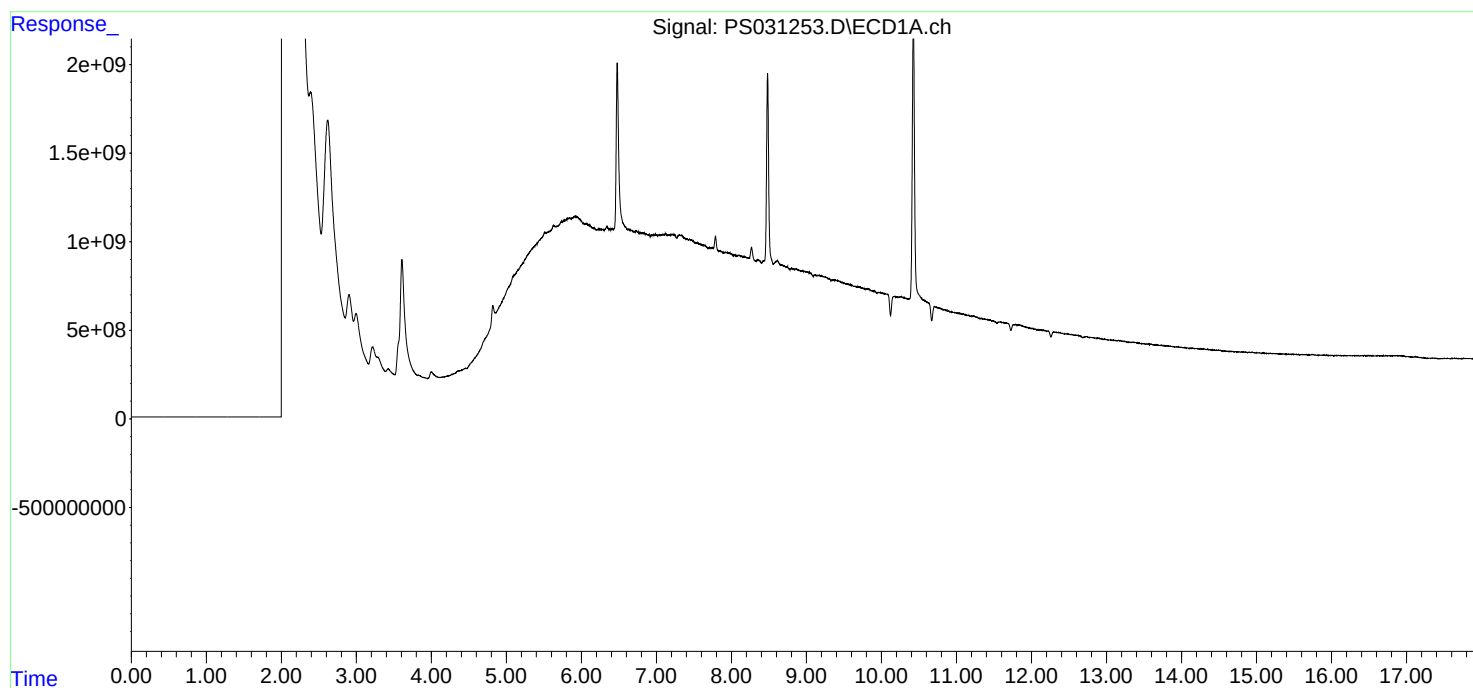
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

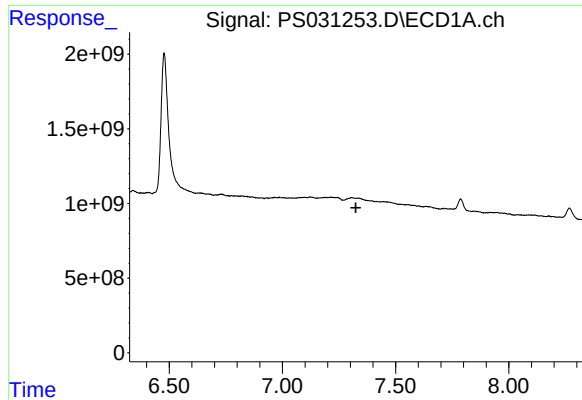
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:18
Operator : AR\AJ
Sample : Q2481-13 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:10:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

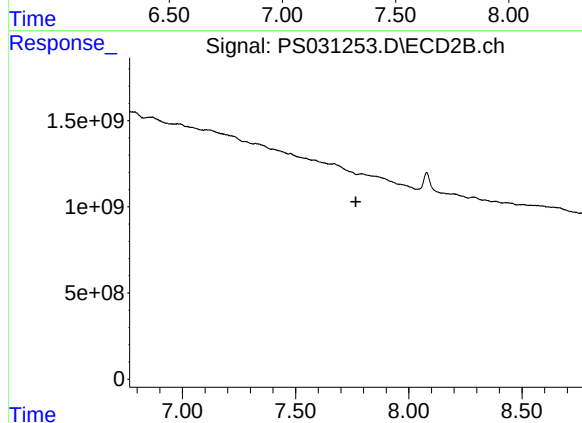




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXPL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:43
Operator : AR\AJ
Sample : Q2481-14 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:11:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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
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System Monitoring Compounds

Target Compounds

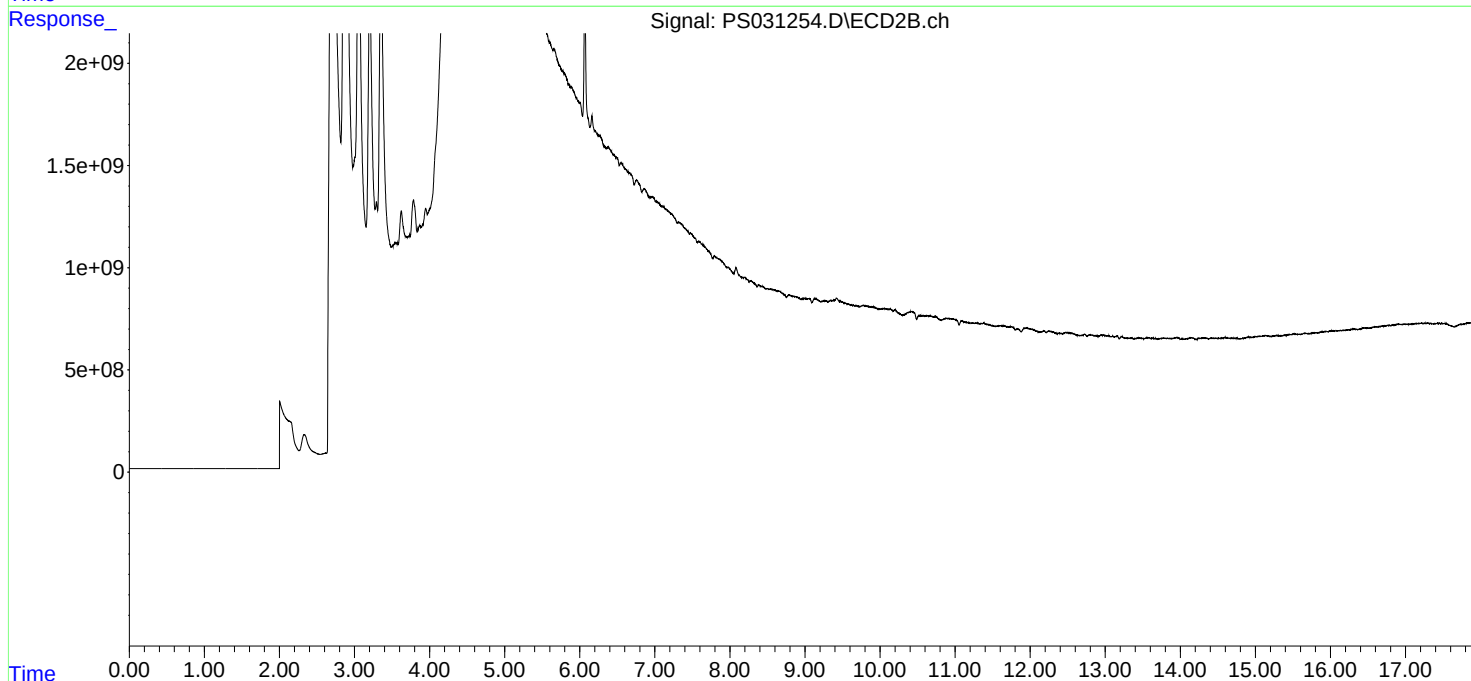
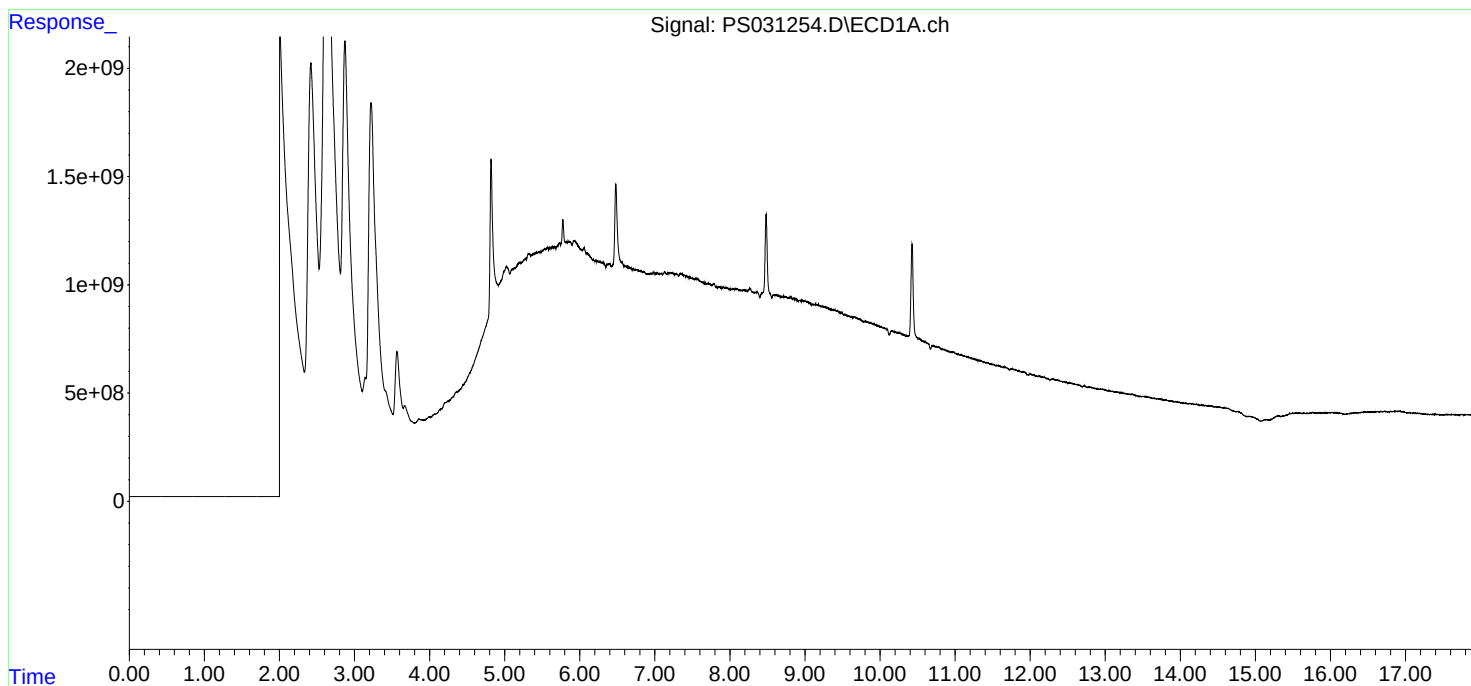
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 04:43
Operator : AR\AJ
Sample : Q2481-14 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL

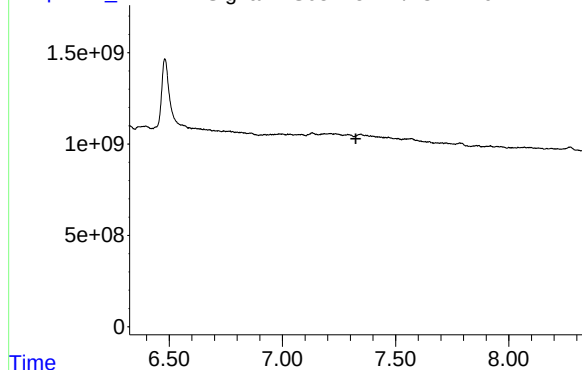
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:11:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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: PS031254.D\ECD1A.ch

#4 2,4-DCAA

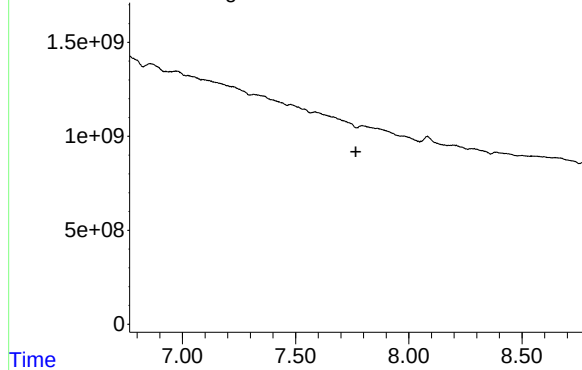


R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0625-OXBL

Signal: PS031254.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 00:17
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.319	7.763	1731.3E6	562.6E6	398.169	554.293m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 00:17
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

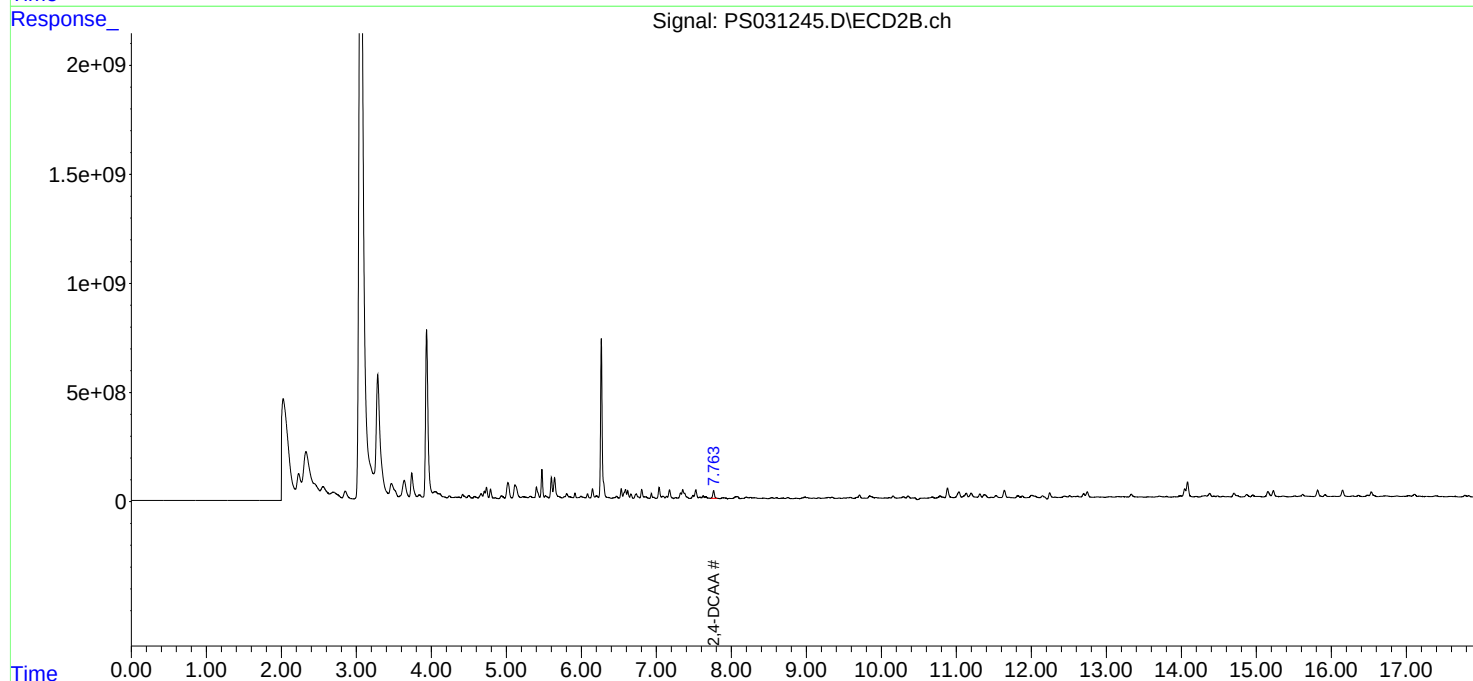
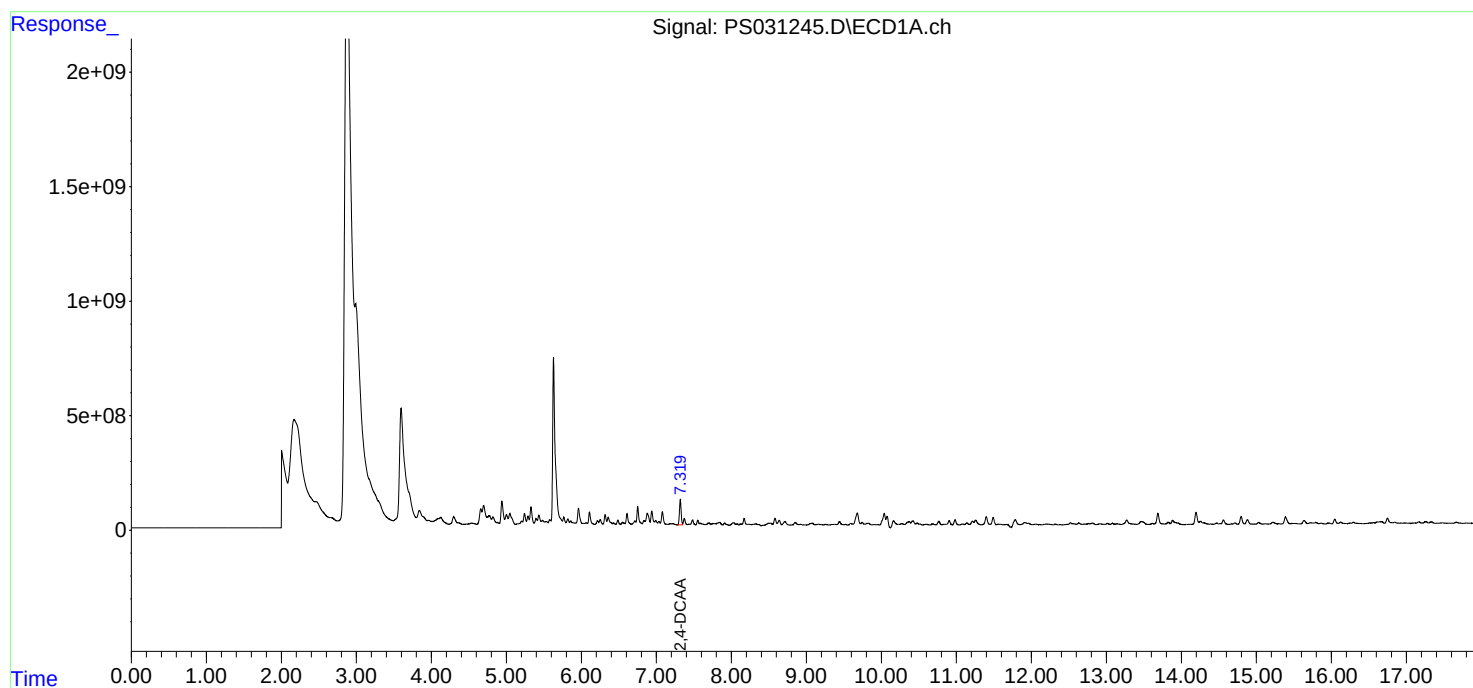
Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

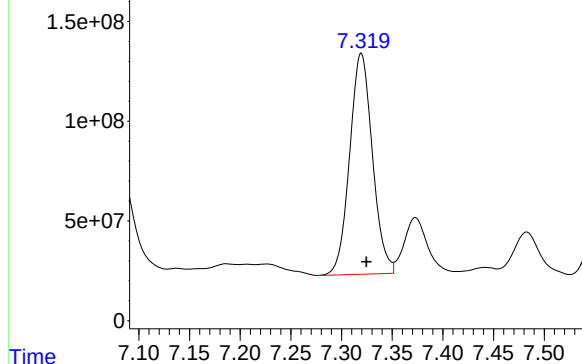
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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: PS031245.D\ECD1A.ch

#4 2,4-DCAA



R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 1731339920
Conc: 398.17 ng/ml

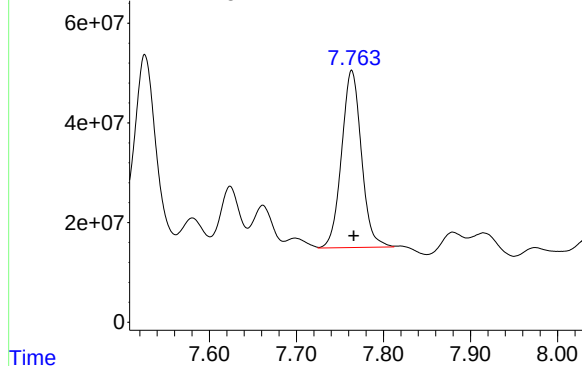
Instrument :
ECD_S
ClientSampleId :
CC0627-AOXL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Signal: PS031245.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 562590080
Conc: 554.29 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:07
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-NL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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
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System Monitoring Compounds

Target Compounds

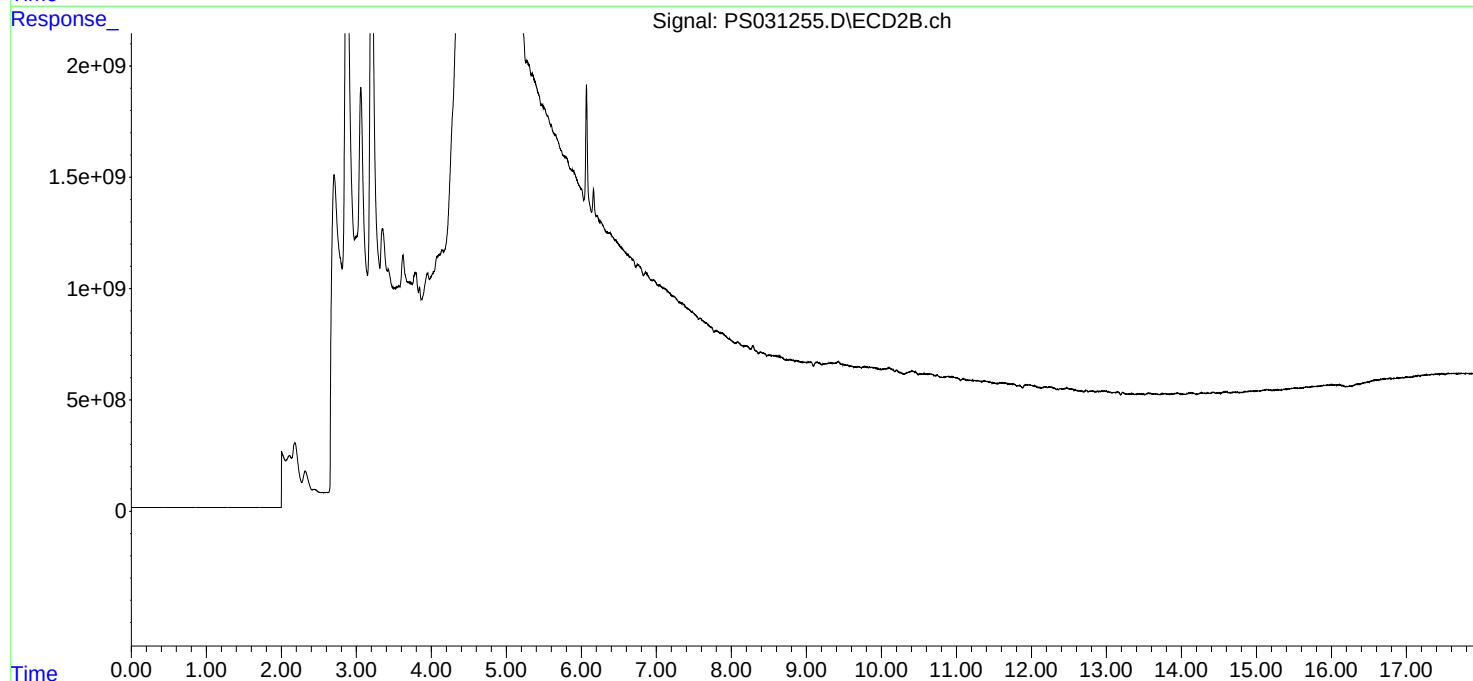
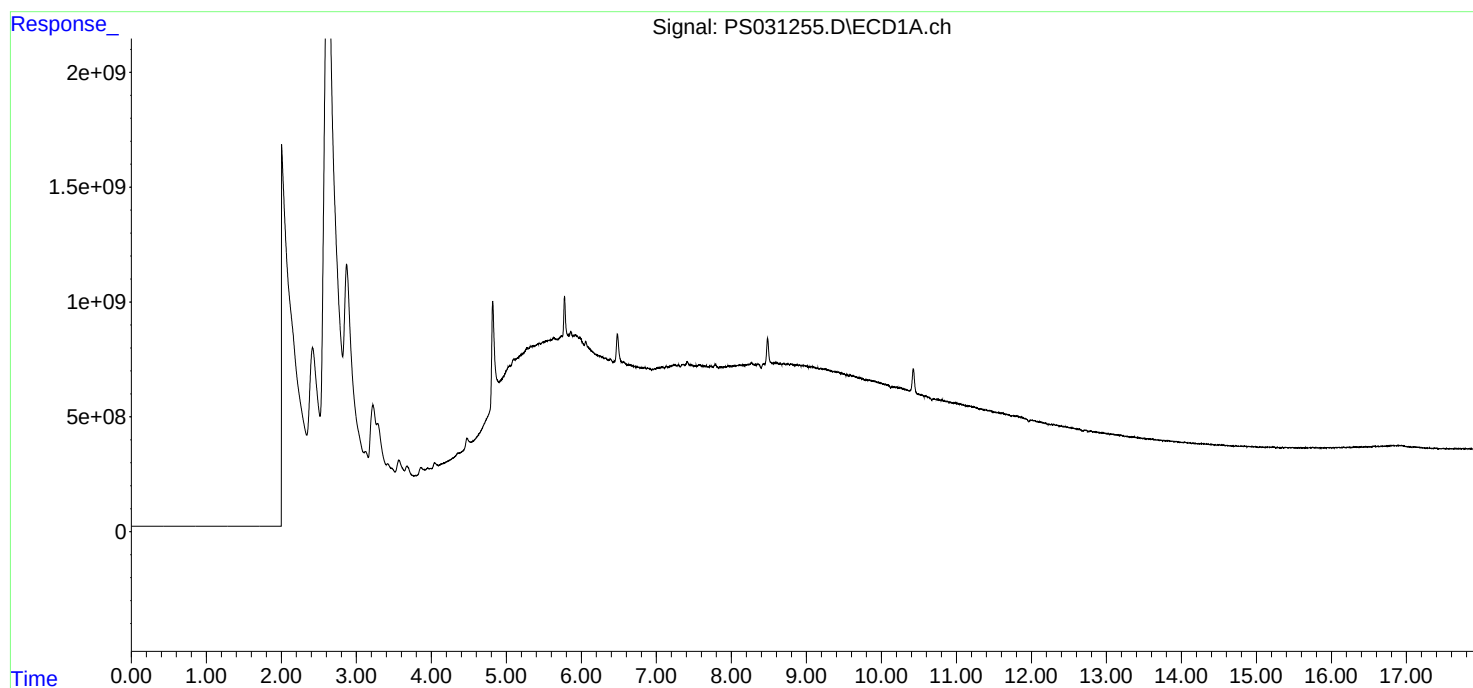
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

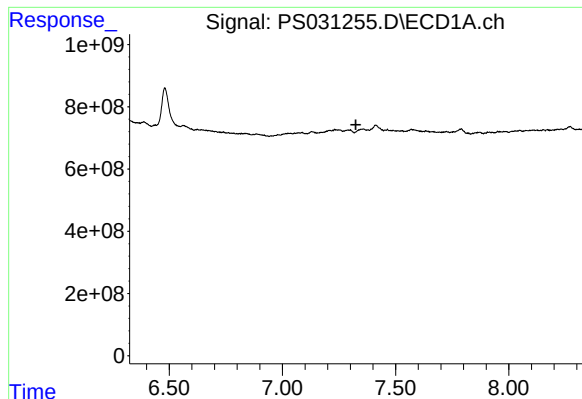
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:07
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0625-NL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

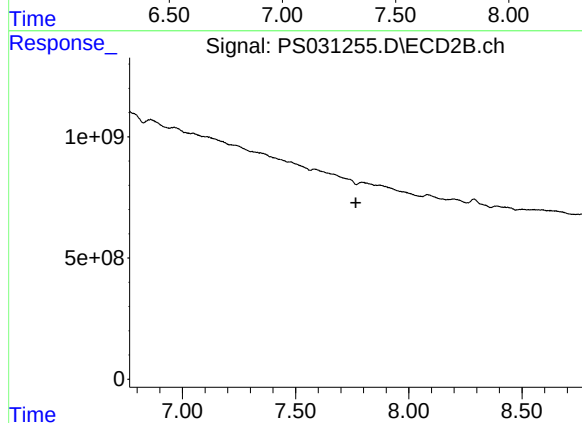




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0625-NL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:31
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:13:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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
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System Monitoring Compounds

Target Compounds

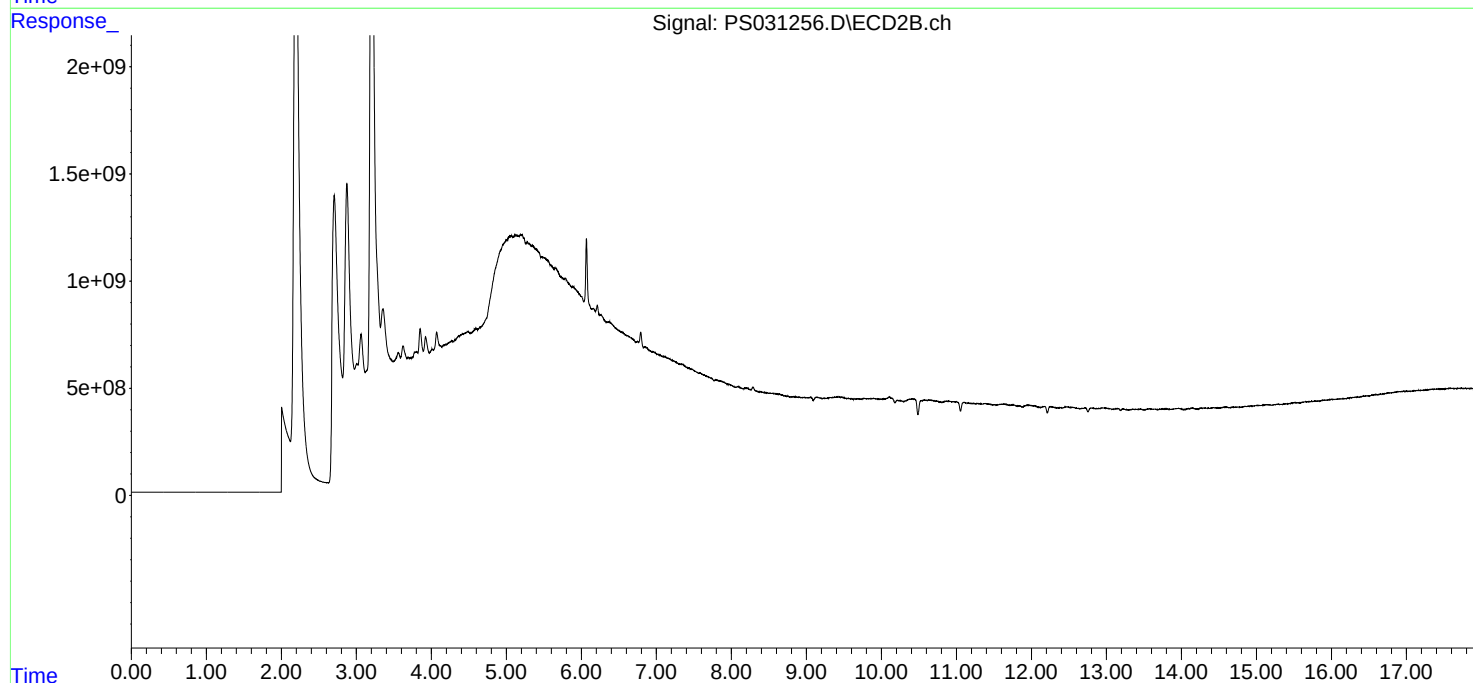
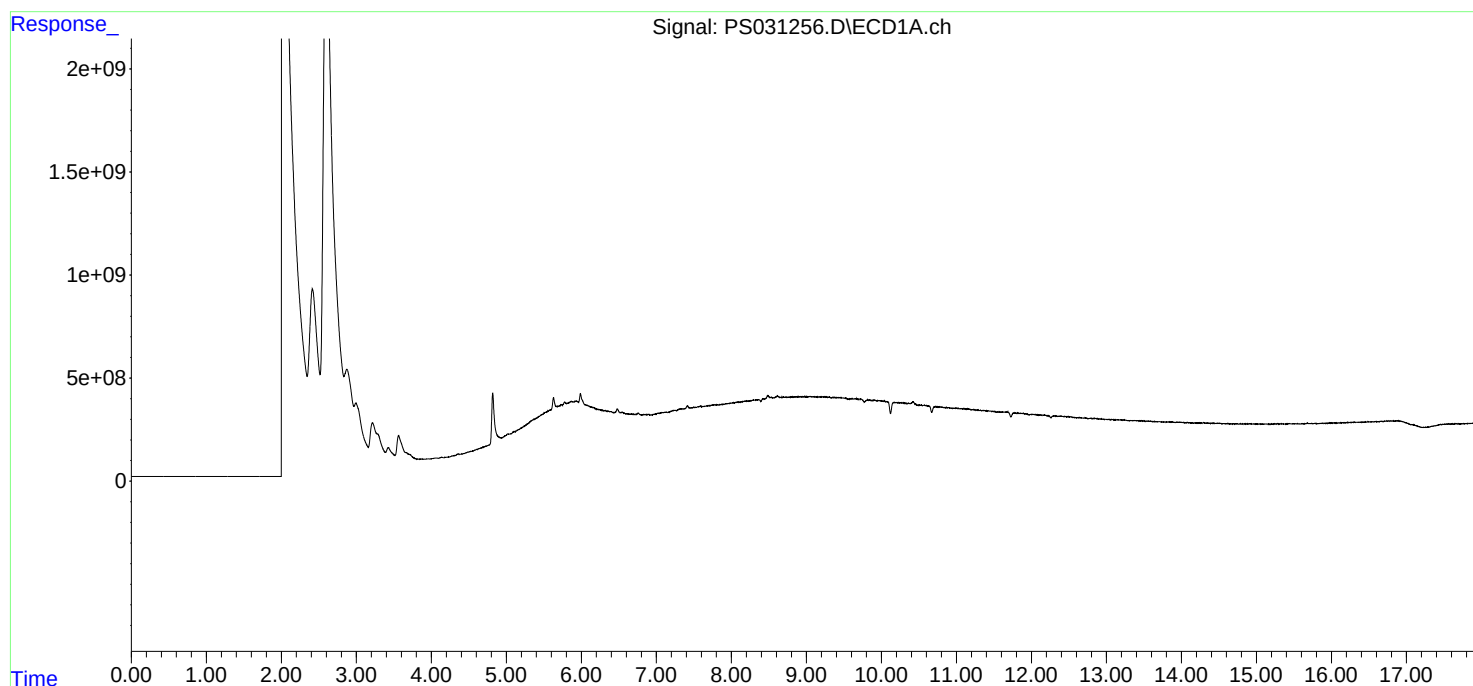
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

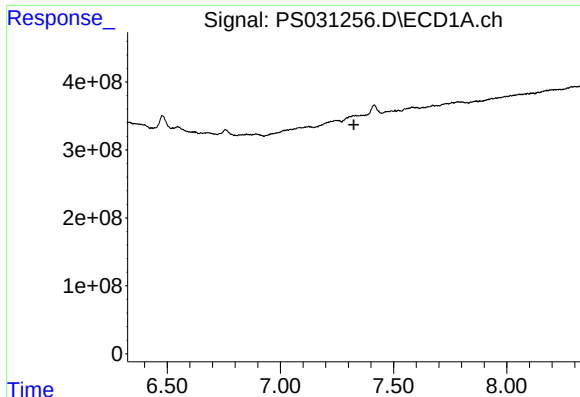
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 05:31
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:13:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

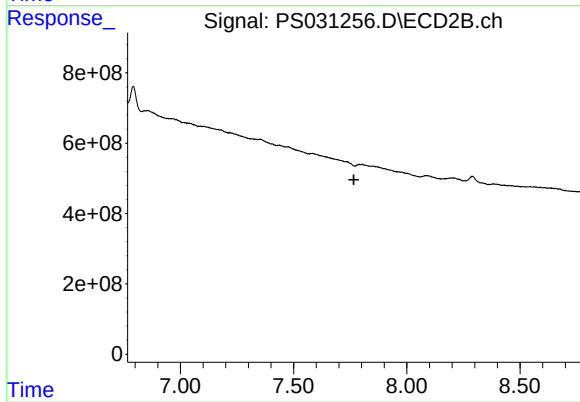




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0267-OXPL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 14:49
 Operator : AR\AJ
 Sample : Q2481-18 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CC0627-OXL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 01:42:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.297	7.774	313.7E6	4841002	107.667	5.797m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
Data File : PS031318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

CC0627-OXL

Manual Integrations

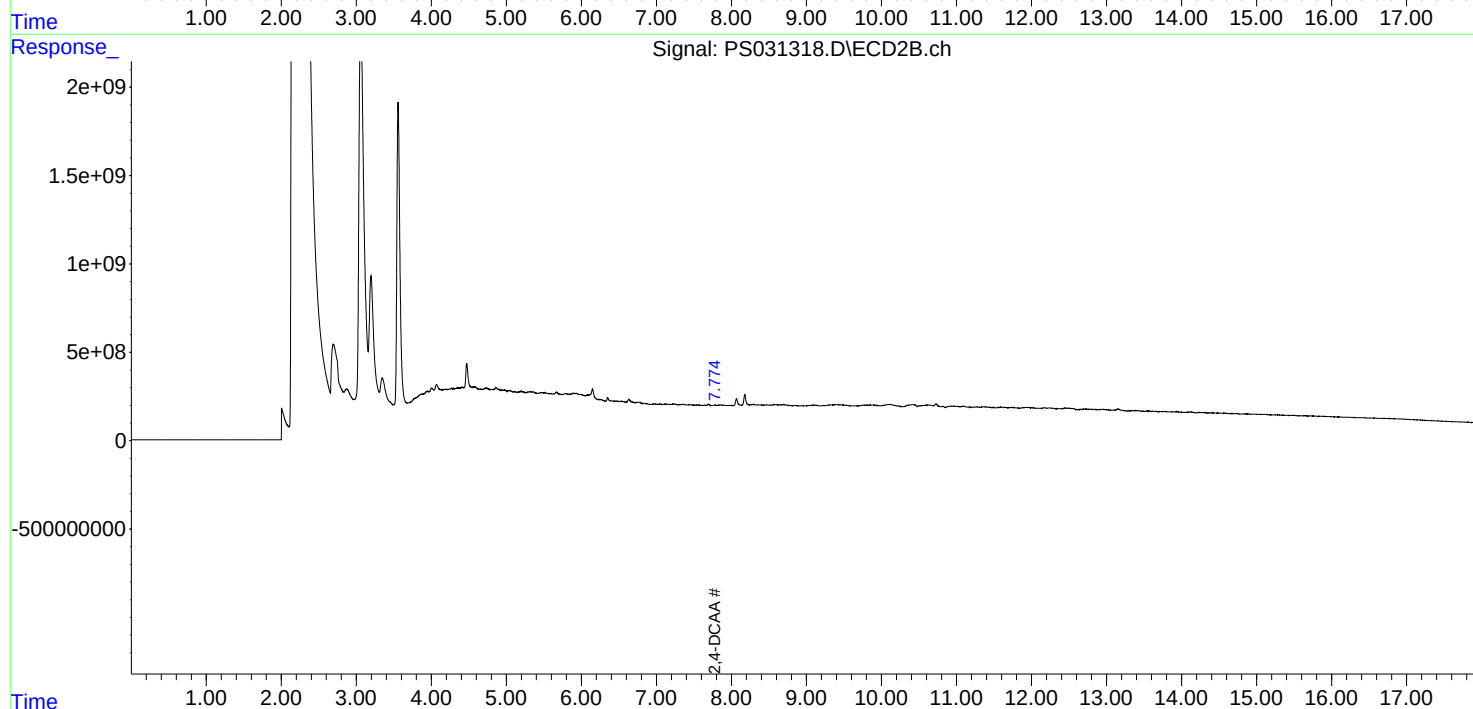
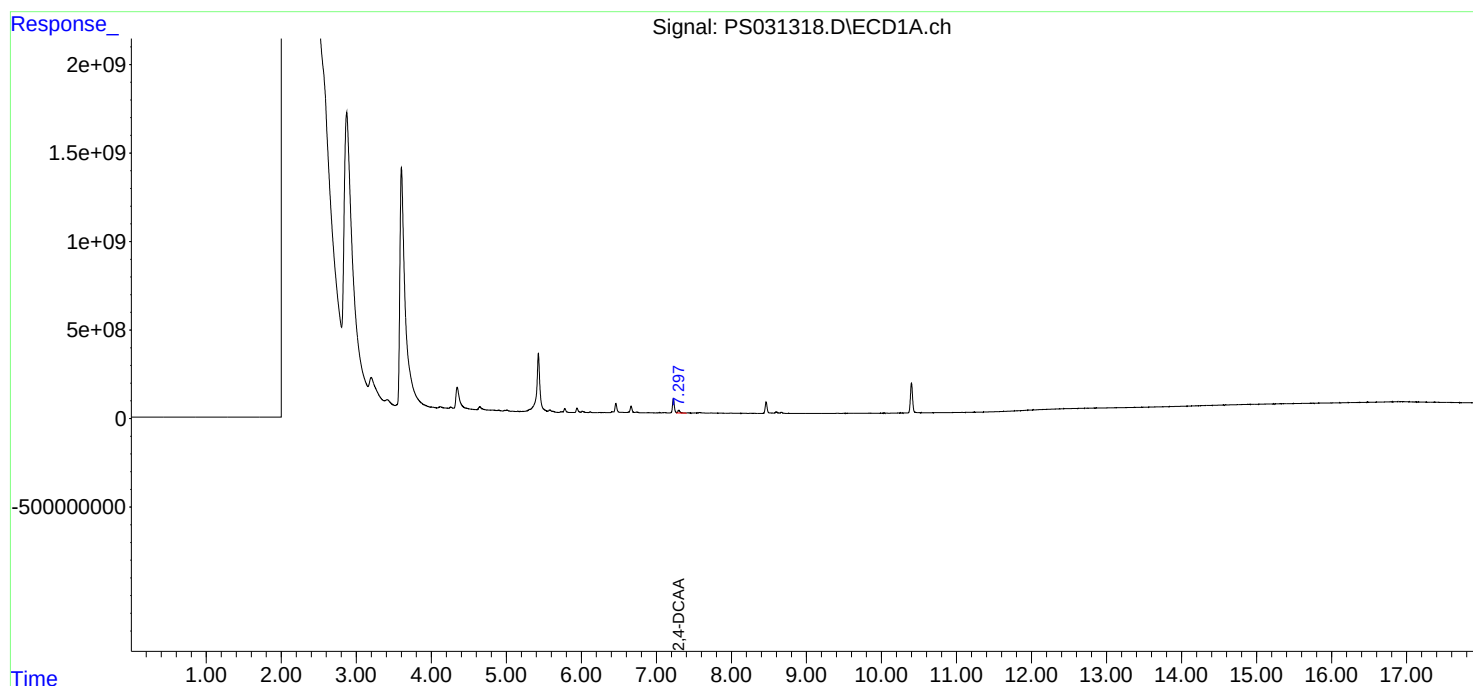
APPROVED

Reviewed By :Yogesh Patel 07/31/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 01:42:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

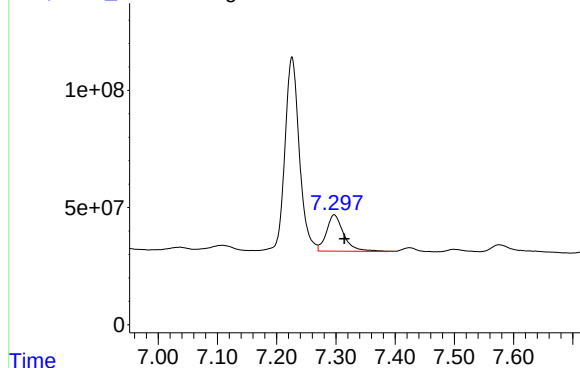
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Time

Signal: PS031318.D\ECD1A.ch

#4 2,4-DCAA



R.T.: 7.297 min
Delta R.T.: -0.018 min
Response: 313676807
Conc: 107.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

CC0627-OXL

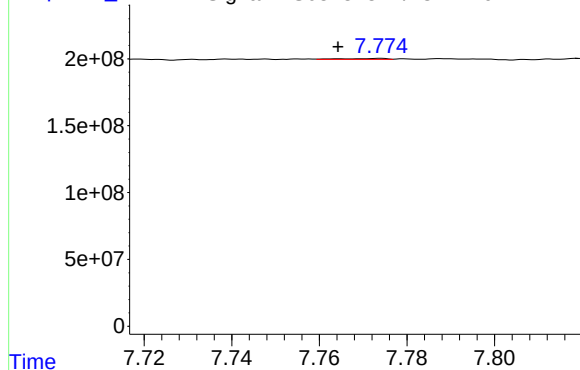
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/31/2025

Supervised By :mohammad ahmed 07/31/2025

Signal: PS031318.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.774 min
Delta R.T.: 0.009 min
Response: 4841002
Conc: 5.80 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:29
Operator : AR\AJ
Sample : Q2481-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.353	7.754	38463876	382.6E6	8.846	376.946 #

Target Compounds

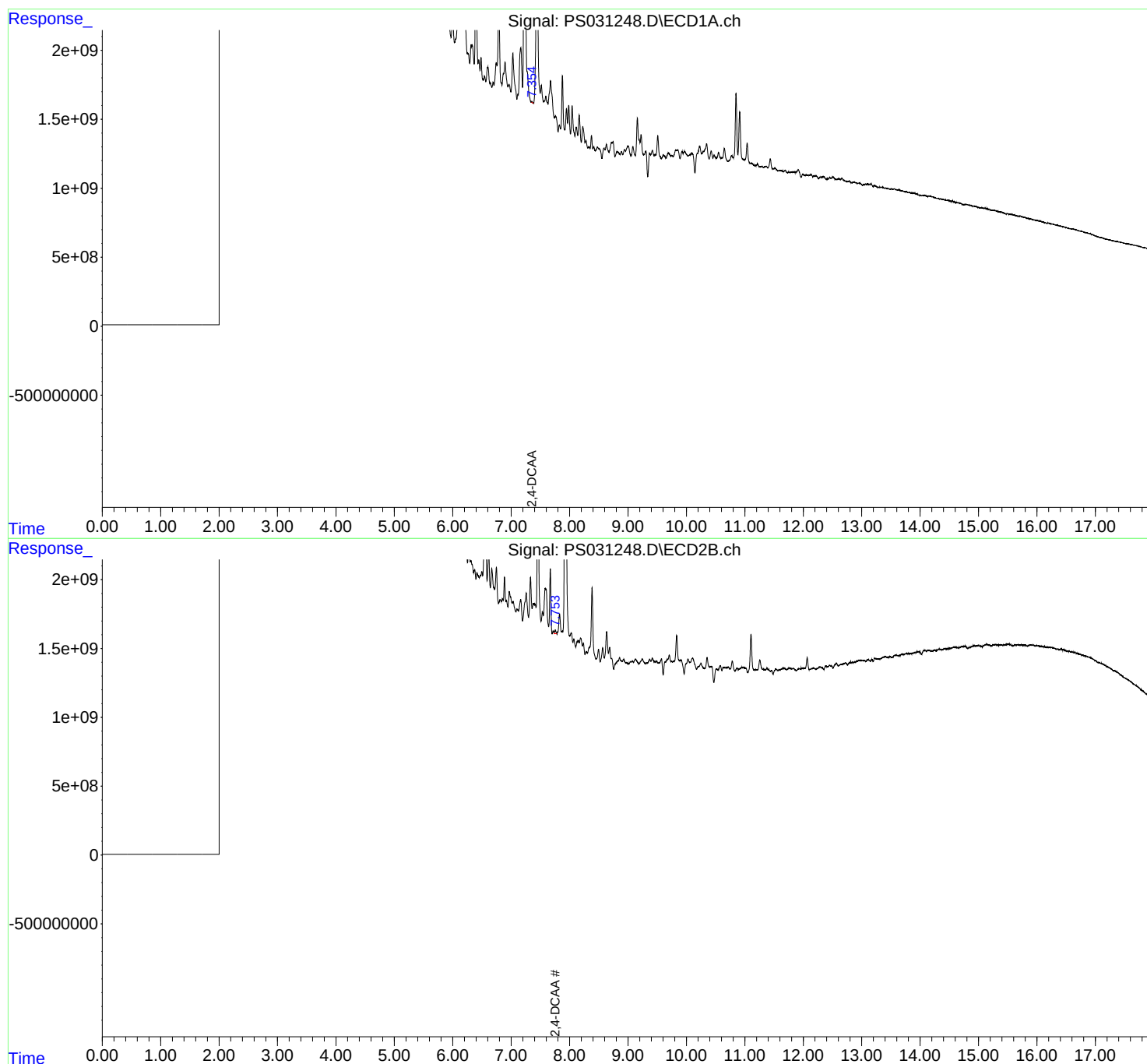
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

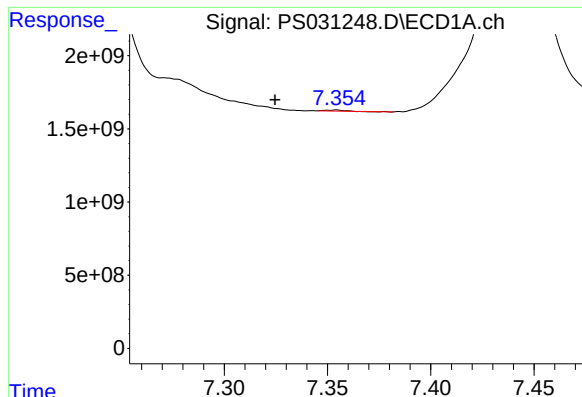
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:29
Operator : AR\AJ
Sample : Q2481-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

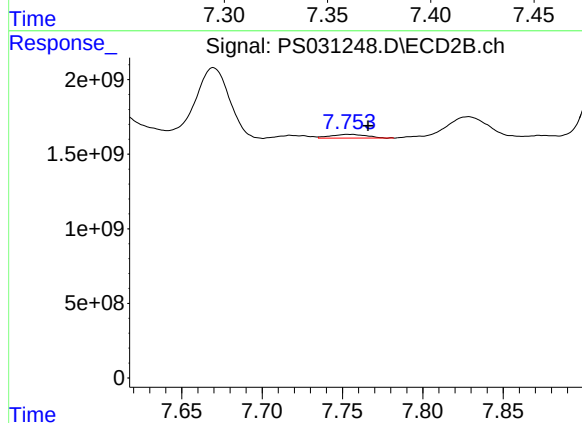




#4 2,4-DCAA

R.T.: 7.353 min
Delta R.T.: 0.029 min
Response: 38463876
Conc: 8.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-CLOXAL



#4 2,4-DCAA

R.T.: 7.754 min
Delta R.T.: -0.012 min
Response: 382588553
Conc: 376.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 06:19
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-BL

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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
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System Monitoring Compounds

Target Compounds

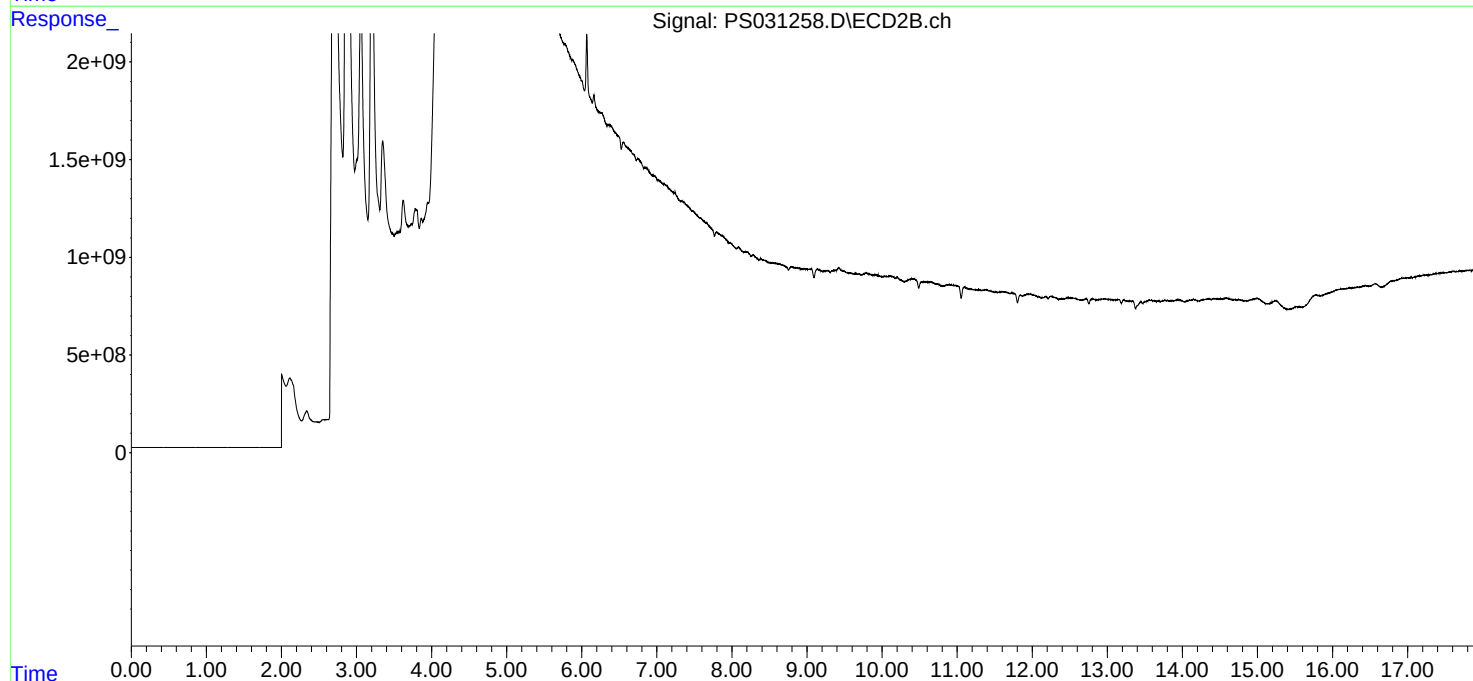
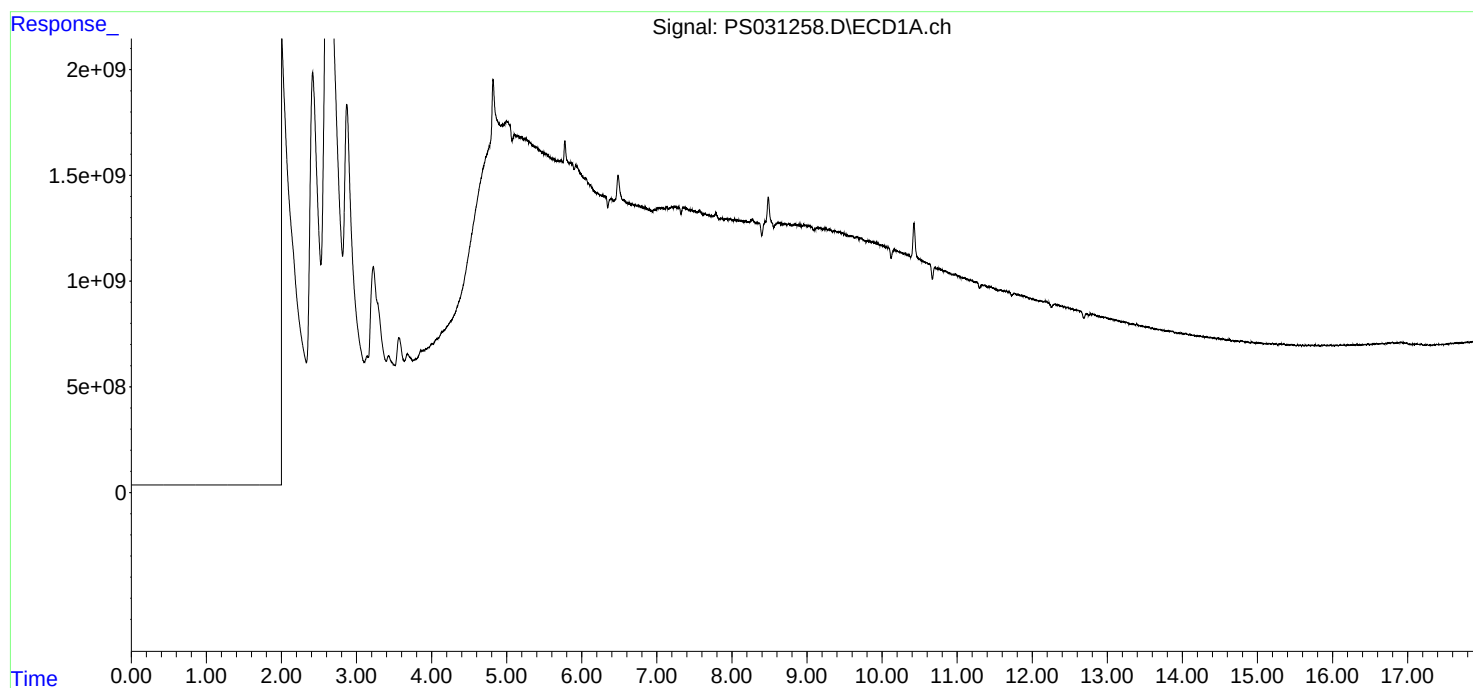
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

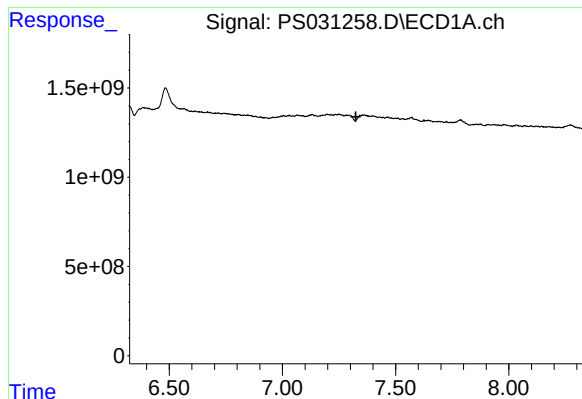
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 06:19
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 07:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

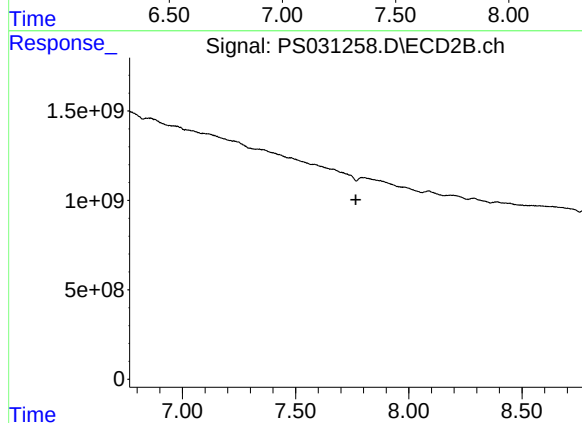




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-BL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:53
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL

A
B
C
D
E
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I
J
K
L
M

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

Target Compounds

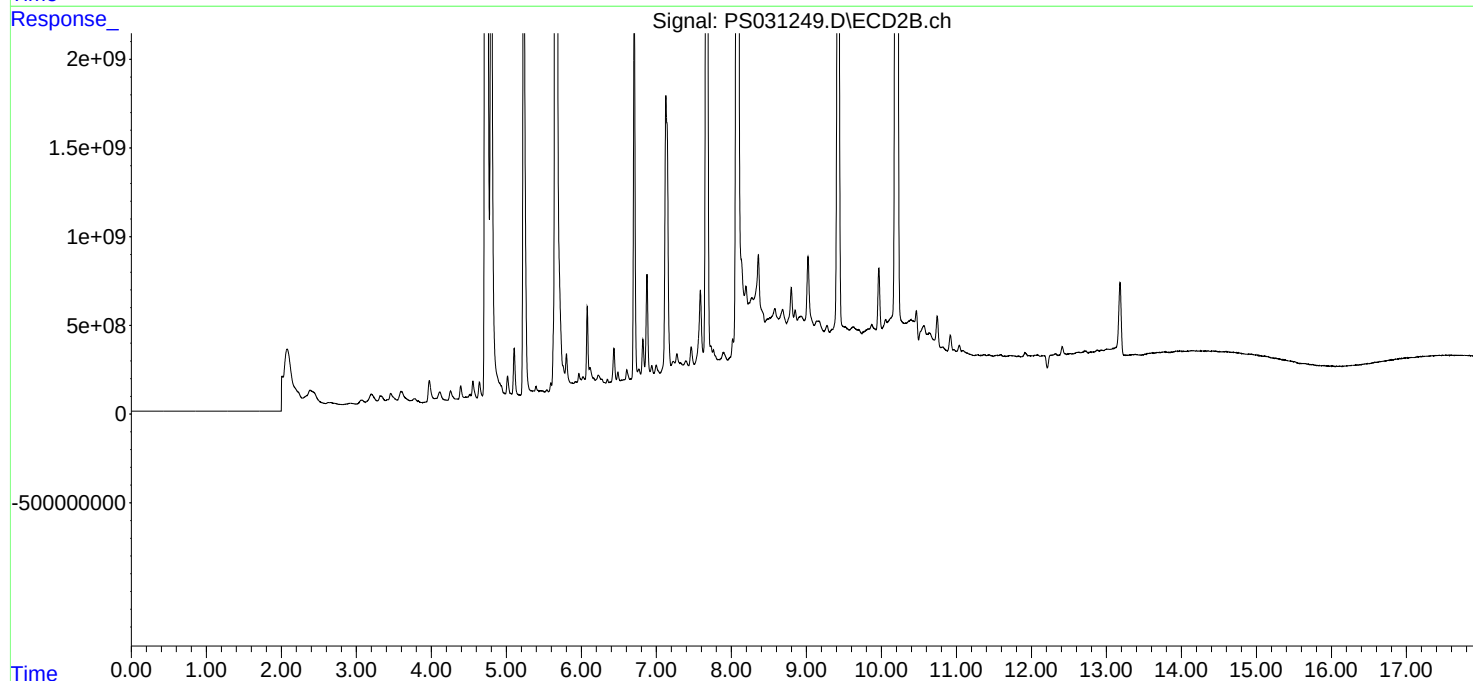
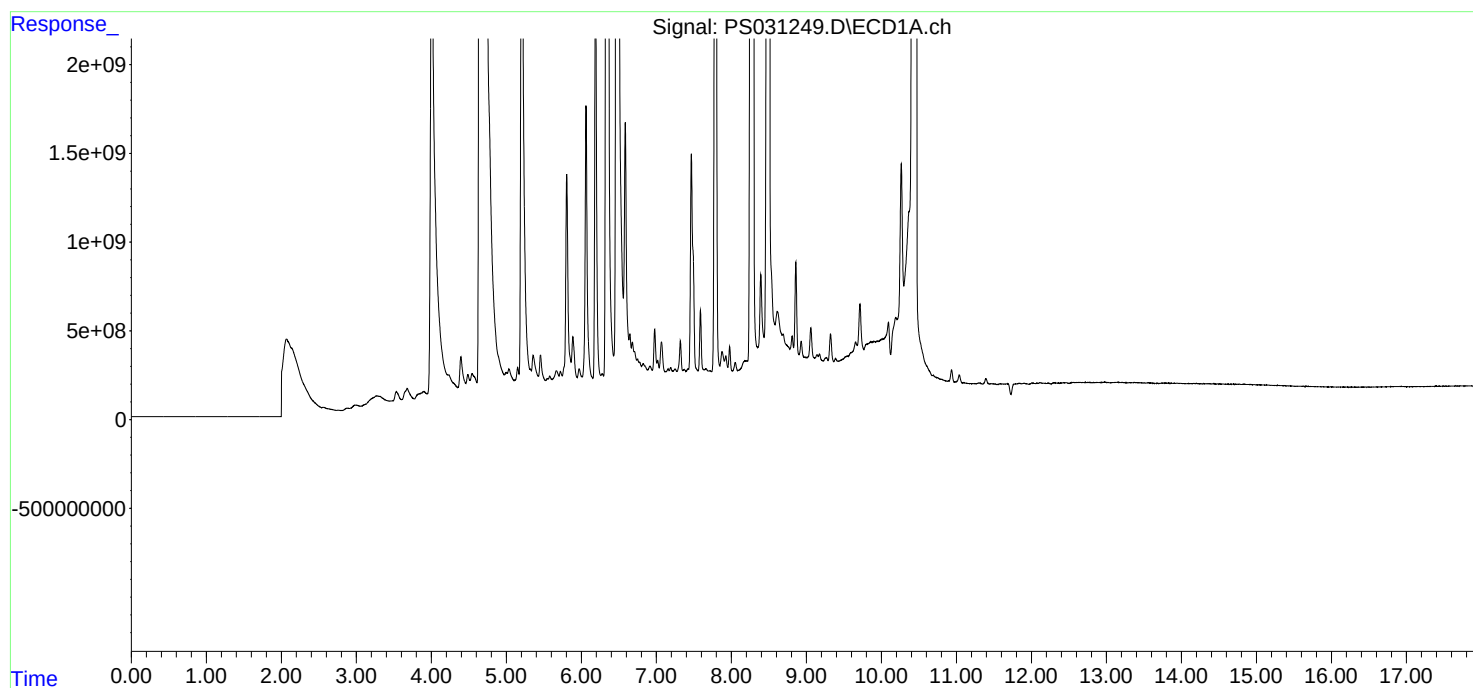
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

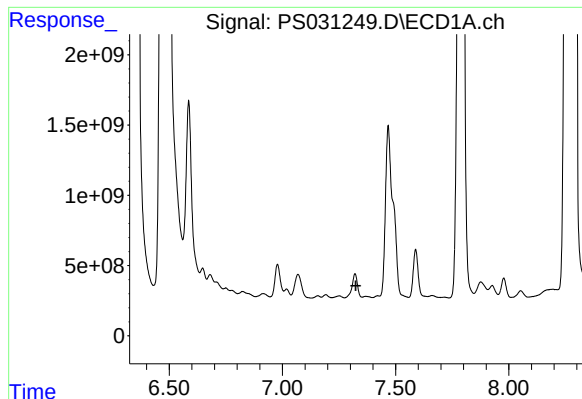
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2025 01:53
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

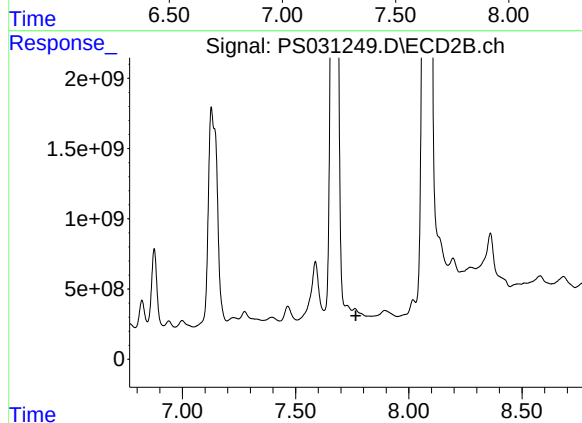




#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
CC0627-SFBL



#4 2,4-DCAA

R.T.: 0.000 min
Exp R.T. : 7.766 min
Response: 0
Conc: N.D.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BL

A
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1769.9E6	479.9E6	407.037	472.801

Target Compounds

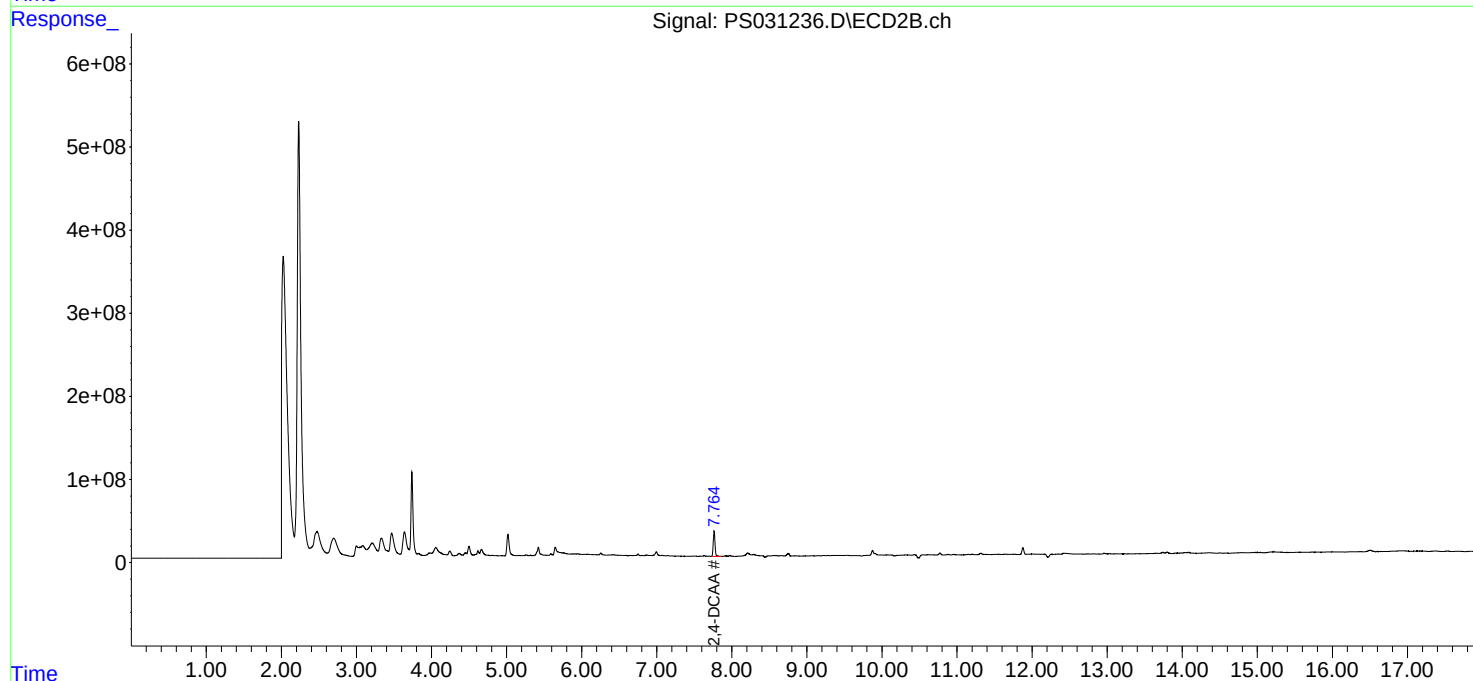
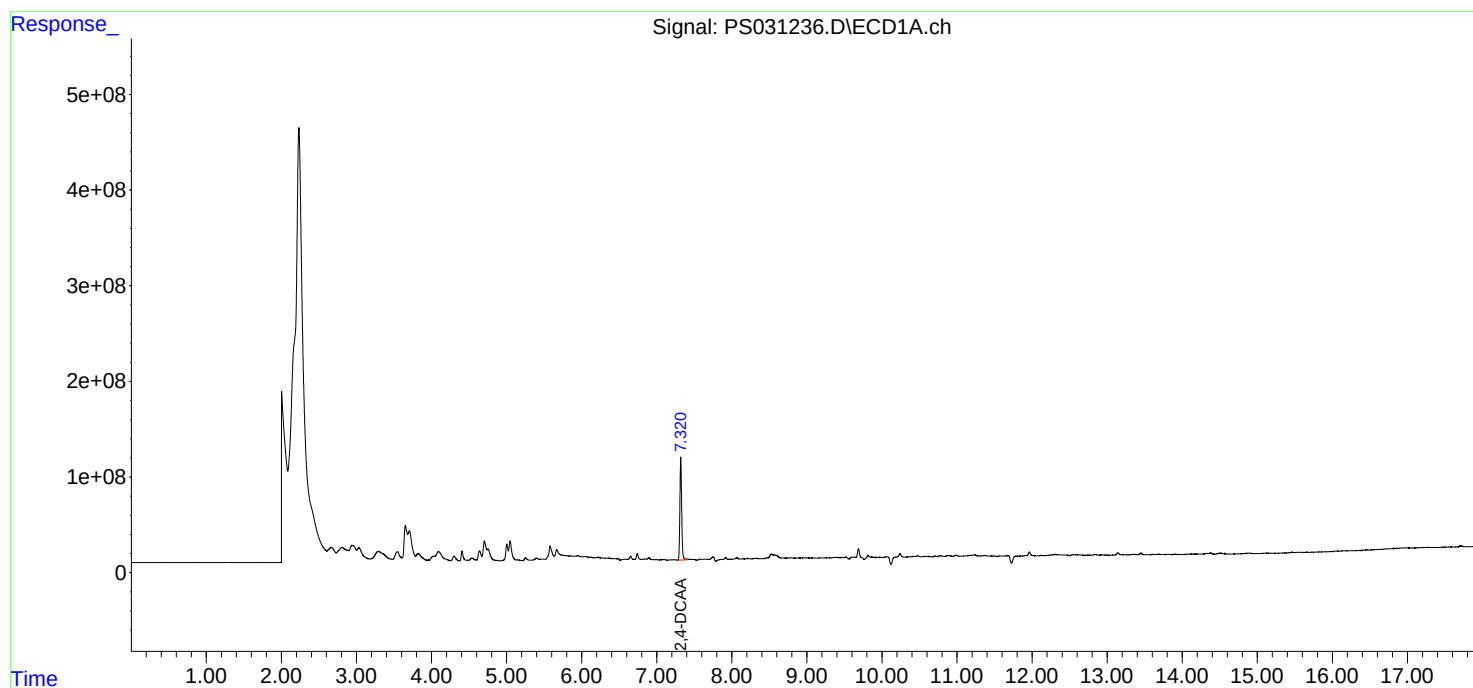
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

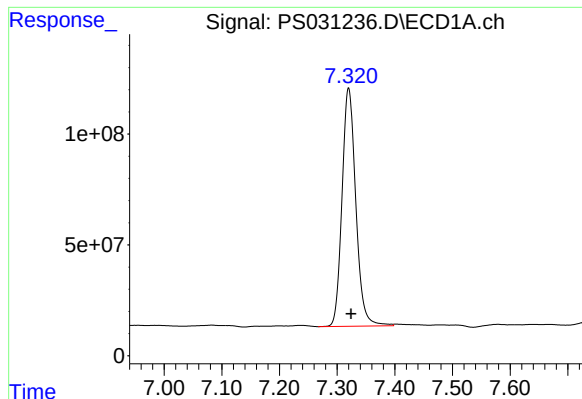
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

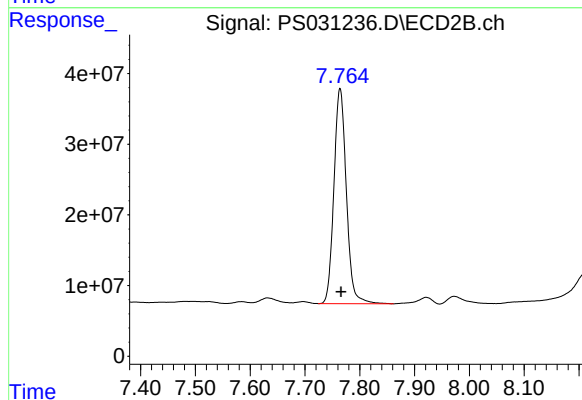




#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1769898327
Conc: 407.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BL



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 479878037
Conc: 472.80 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 20:16
 Operator : AR\AJ
 Sample : PB169001BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB169001BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:44:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	2121.5E6	508.8E6	487.902	501.299
Target Compounds							
1) T	Dalapon	2.686	2.704	1300.3E6	2886.7E6	207.289m	1017.600m#
2) T	3,5-DICHL...	6.484	6.711	2802.4E6	743.0E6	507.436	482.528
3) T	4-Nitroph...	7.120	7.297	804.0E6	751.3E6	487.603	415.214
5) T	DICAMBA	7.508	7.966	7809.3E6	3109.6E6	473.377	481.854
6) T	MCPD	7.689	8.065	456.0E6	90752125	45.551	43.677
7) T	MCPA	7.839	8.312	601.5E6	134.5E6	48.069	42.627
8) T	DICHLORPROP	8.219	8.685	1990.0E6	727.3E6	520.683	480.100
9) T	2,4-D	8.451	9.021	2223.0E6	926.8E6	595.191	545.708m
10) T	Pentachlo...	8.757	9.545	32147.0E6	20997.3E6	588.540	537.273
11) T	2,4,5-TP ...	9.335	9.926	12279.8E6	7936.6E6	559.353	532.865
12) T	2,4,5-T	9.628	10.353	10468.9E6	7013.5E6	536.103	493.233
13) T	2,4-DB	10.206	10.920	1568.7E6	579.1E6	524.686	494.707m
14) T	DINOSEB	11.418	11.305	6756.6E6	4565.9E6	433.963m	403.990
15) T	Picloram	11.229	12.415	9502.8E6	9927.6E6	474.983m	398.777
16) T	DCPA	11.713	12.348	11529.1E6	11386.4E6	401.804	494.287

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:16
Operator : AR\AJ
Sample : PB169001BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB169001BS

Manual Integrations

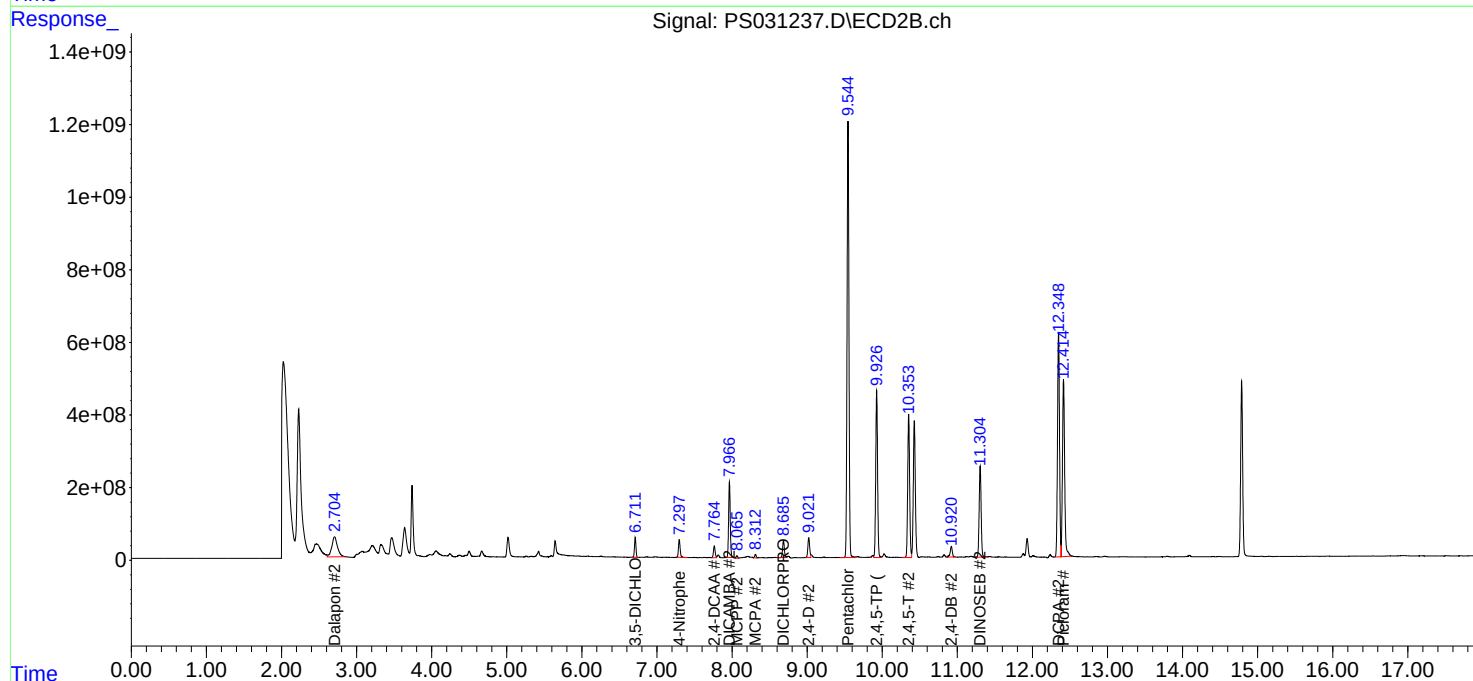
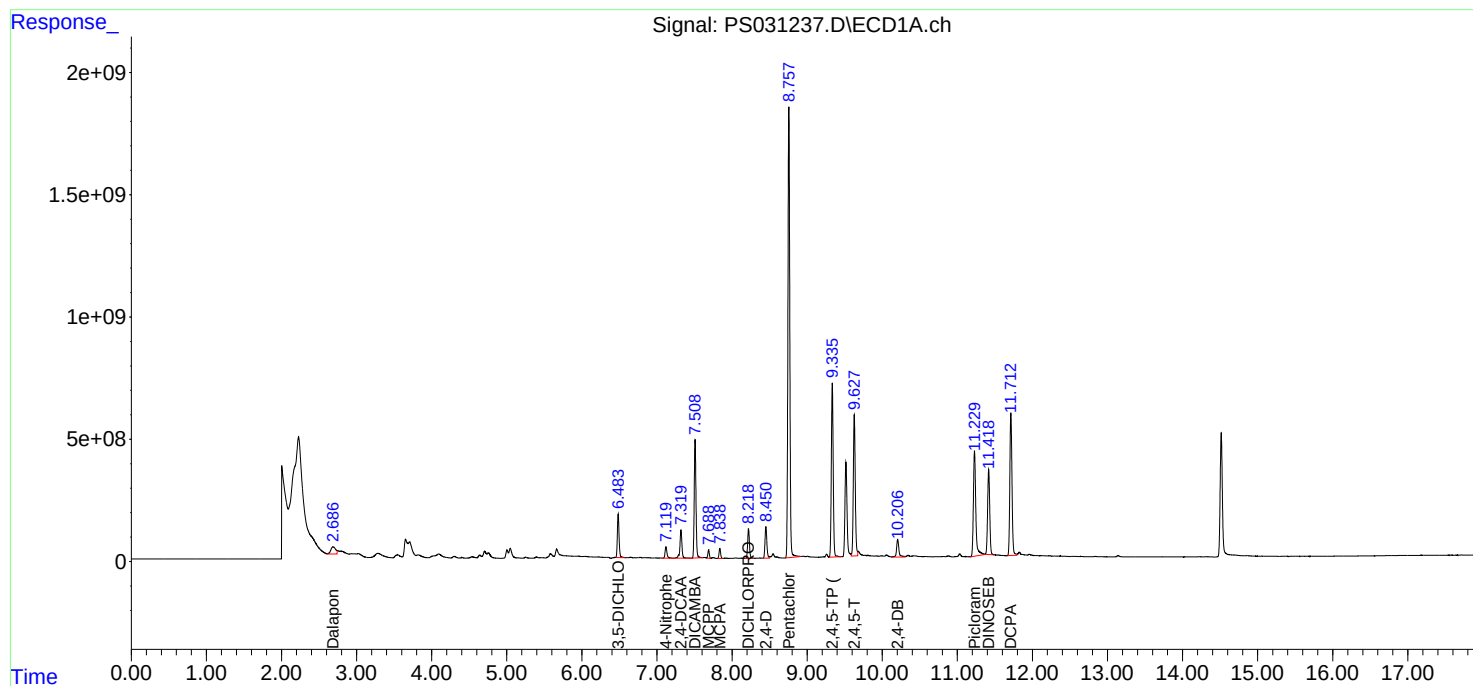
APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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\PS072425\
 Data File : PS031234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:04
 Operator : AR\AJ
 Sample : Q2641-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:43:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1963.7E6	506.9E6	451.601	499.405
Target Compounds							
1) T	Dalapon	2.688	2.703	1333.9E6	1571.4E6	212.638m	553.950m#
2) T	3,5-DICHL...	6.483	6.712	3774.5E6	1077.7E6	683.453	699.882
3) T	4-Nitroph...	7.119	7.297	1187.3E6	1170.2E6	720.128	646.764
5) T	DICAMBA	7.509	7.967	11641.9E6	4766.2E6	705.698	738.553
6) T	MCPD	7.690	8.066	527.1E6	103.8E6	52.654	49.950
7) T	MCPA	7.839	8.302	801.2E6	948.9E6	64.026	300.750m#
8) T	DICHLORPROP	8.220	8.685	2710.9E6	1057.3E6	709.287	697.963
9) T	2,4-D	8.451	9.022	2999.1E6	1463.7E6	802.981	861.865
10) T	Pentachlo...	8.757	9.545	43108.9E6	29856.6E6	789.228	763.964
11) T	2,4,5-TP ...	9.336	9.926	17061.4E6	11429.8E6	777.160	767.401m
12) T	2,4,5-T	9.629	10.353	15007.0E6	10621.2E6	768.497	746.949
13) T	2,4-DB	10.206	10.918	2291.1E6	1301.9E6	766.275	1112.263m#
14) T	DINOSEB	11.418	11.305	10564.4E6	7270.1E6	678.534m	643.254
15) T	Picloram	11.229	12.414	17696.5E6	19451.7E6	884.535m	781.349
16) T	DCPA	11.714	12.349	18645.8E6	17877.9E6	649.827	776.086m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:04
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

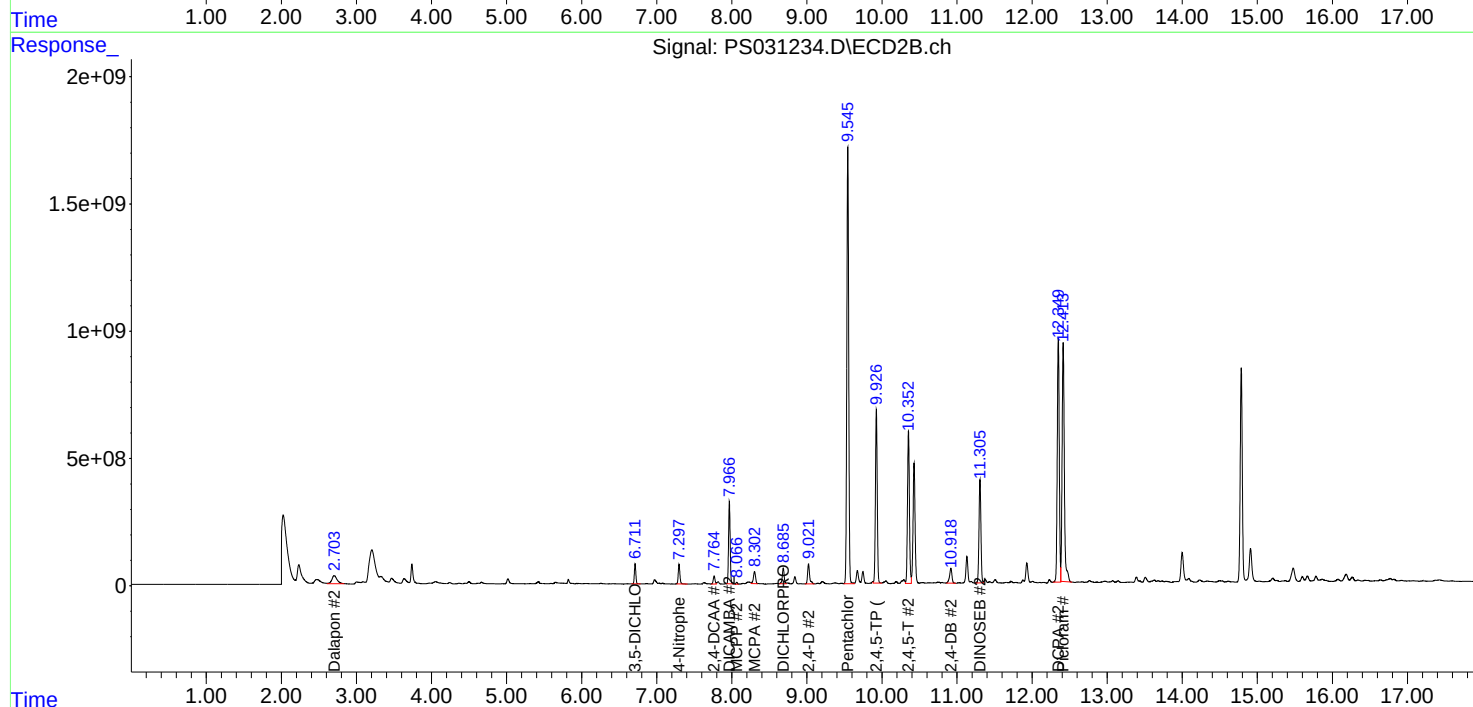
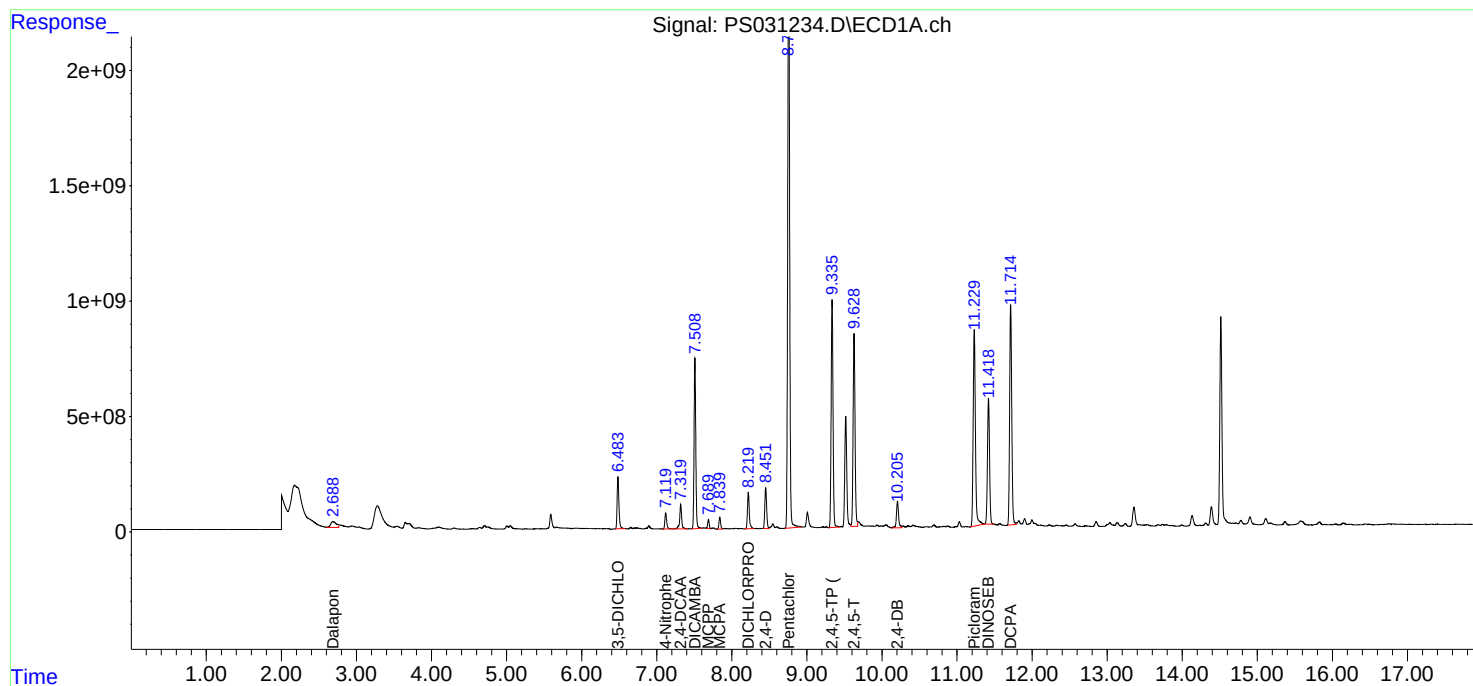
Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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\PS072425\
 Data File : PS031235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:28
 Operator : AR\AJ
 Sample : Q2641-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:43:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.319	7.764	1819.5E6	469.6E6	418.436	462.681
Target Compounds							
1) T	Dalapon	2.688	2.703	1265.5E6	1324.3E6	201.746m	466.832m#
2) T	3,5-DICHL...	6.483	6.711	3576.2E6	1020.1E6	647.538	662.430
3) T	4-Nitroph...	7.119	7.297	1123.9E6	1117.7E6	681.649	617.766
5) T	DICAMBA	7.509	7.966	11042.2E6	4495.5E6	669.344	696.610
6) T	MCPD	7.689	8.065	477.0E6	93967699	47.651	45.224
7) T	MCPA	7.839	8.302	734.1E6	811.0E6	58.658	257.034m#
8) T	DICHLORPROP	8.219	8.685	2527.0E6	976.3E6	661.169	644.472
9) T	2,4-D	8.451	9.022	2847.7E6	1374.5E6	762.450	809.339
10) T	Pentachlo...	8.760	9.545	41978.8E6	28362.4E6	768.538	725.729
11) T	2,4,5-TP ...	9.336	9.926	16205.4E6	10825.5E6	738.168	726.825m
12) T	2,4,5-T	9.630	10.353	14305.5E6	10120.0E6	732.573	711.704
13) T	2,4-DB	10.206	10.919	2275.5E6	1219.8E6	761.081	1042.144m#
14) T	DINOSEB	11.419	11.305	10036.8E6	6882.5E6	644.648m	608.956
15) T	Picloram	11.229	12.414	16773.8E6	18153.3E6	838.413m	729.193
16) T	DCPA	11.714	12.349	16732.4E6	16985.3E6	583.144	737.337m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:28
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

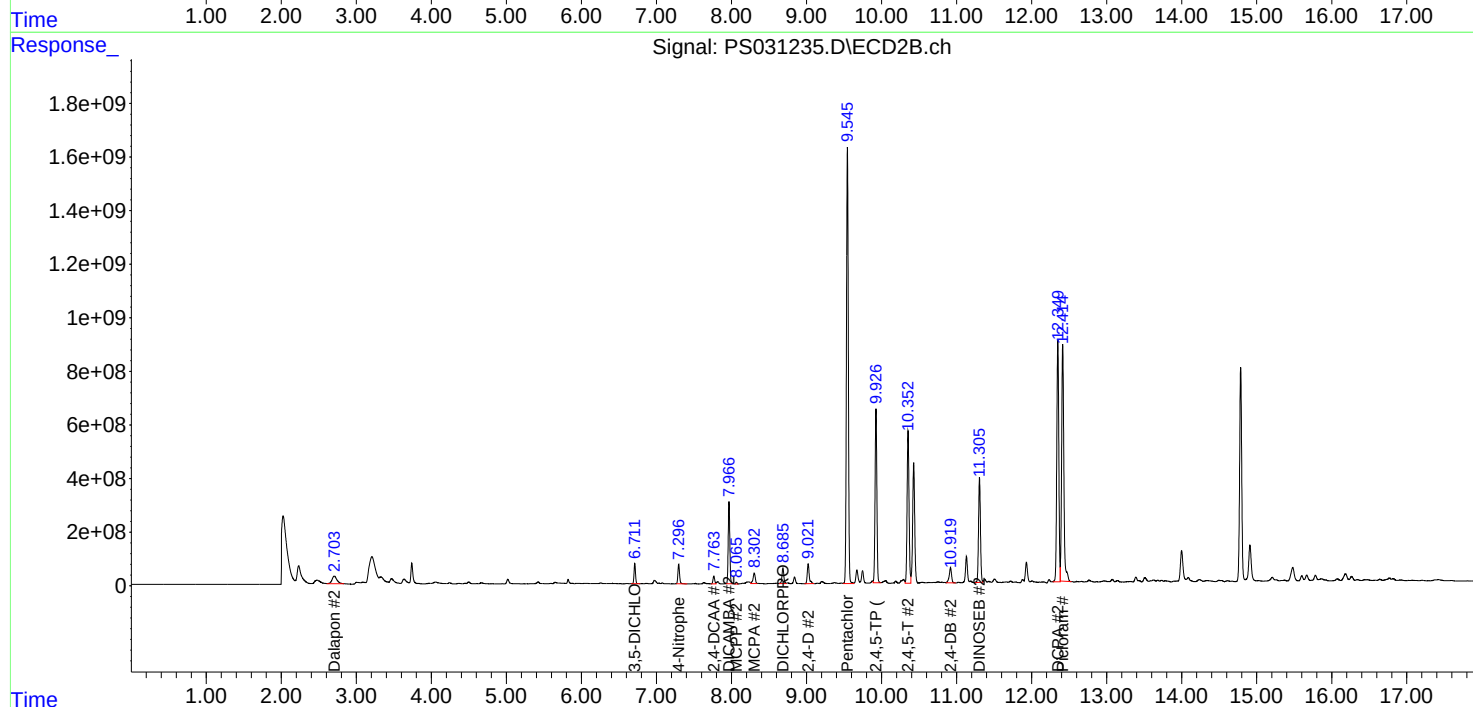
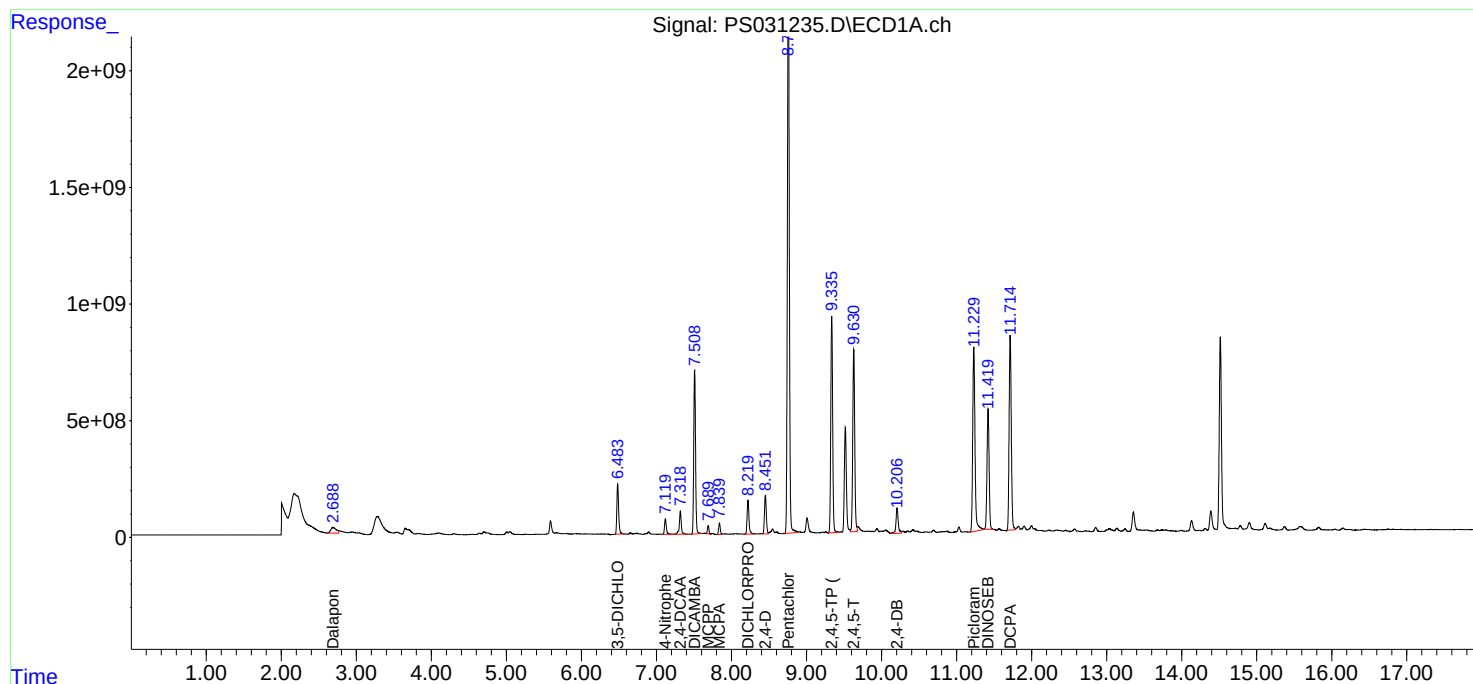
Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Manual Integration Report

Sequence:	ps072125	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC500	PS031158.D	2,4-DCAA	Abdul	7/22/2025 7:56:52 AM	mohammad	7/23/2025 1:33:13	Peak Integrated by Software

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031222.D	2,4-D	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DB	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DCAA	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DCPA #2	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DINOSEB	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Pentachlorophenol	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Picloram	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4-DB #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DINOSEB	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2641-02MS	PS031234.D	MCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Picloram	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4-DB #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DINOSEB	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	MCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Picloram	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-D #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-DB #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Dalapon	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169001BS	PS031237.D	Dalapon #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	DINOSEB	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Picloram	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DCPA #2	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DINOSEB	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Pentachlorophenol	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Picloram	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2481-15	PS031245.D	2,4-DCAA #2	yogesh	7/25/2025 8:14:54 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DCPA #2	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DINOSEB	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Pentachlorophenol	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Picloram	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031260.D	2,4-D	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	Dalapon #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	MCPD #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:

PS072825

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031263.D	Picloram	Abdul	7/30/2025 8:53:51 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software
HSTDCCC750	PS031263.D	Picloram #2	Abdul	7/30/2025 8:53:51 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software
Q2481-18	PS031269.D	2,4-DCAA #2	Abdul	7/30/2025 8:53:54 AM	mohammad	7/31/2025 1:17:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PS072925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS031275.D	2,4-DB #2	Abdul	7/30/2025 8:36:01 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1000	PS031278.D	MCPP #2	Abdul	7/30/2025 8:36:04 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	3,5-DICHLOROBENZOI C ACID	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	MCPP #2	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031282.D	MCPP #2	Abdul	7/30/2025 8:36:12 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	D CPA #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	MCPP #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	3,5-DICHLOROBENZOI C ACID	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	DICHLORPROP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	MCPP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software

Manual Integration Report

Sequence:	Ps073025	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031304.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031304.D	MCPP	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031304.D	MCPP #2	yogesh	7/31/2025 8:23:44 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	DCPA	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	MCPP	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031309.D	MCPP #2	yogesh	7/31/2025 8:23:49 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	DCPA	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	MCPP	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031316.D	Picloram	yogesh	7/31/2025 8:23:59 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
Q2481-18	PS031318.D	2,4-DCAA #2	yogesh	7/31/2025 8:24:05 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031321.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/31/2025 8:24:08 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software

Manual Integration Report

Sequence:	Ps073025	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031321.D	DCPA	yogesh	7/31/2025 8:24:08 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	DCPA	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	MCPP	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	MCPP #2	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software
HSTDCCC750	PS031330.D	Picloram	yogesh	7/31/2025 8:24:19 AM	mohammad	7/31/2025 8:26:32	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM
SubDirectory	PS072125	HP Acquire Method	HP Processing Method ps072125 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031155.D	21 Jul 2025 14:14	AR\AJ	Ok
2	I.BLK	PS031156.D	21 Jul 2025 14:38	AR\AJ	Ok
3	HSTDICC200	PS031157.D	21 Jul 2025 15:02	AR\AJ	Ok
4	HSTDICC500	PS031158.D	21 Jul 2025 15:26	AR\AJ	Ok,M
5	HSTDICC750	PS031159.D	21 Jul 2025 15:51	AR\AJ	Ok
6	HSTDICC1000	PS031160.D	21 Jul 2025 16:15	AR\AJ	Ok
7	HSTDICC1500	PS031161.D	21 Jul 2025 16:39	AR\AJ	Ok
8	HSTDICV750	PS031162.D	21 Jul 2025 17:03	AR\AJ	Ok
9	I.BLK	PS031163.D	21 Jul 2025 17:27	AR\AJ	Ok
10	HSTDCCC750	PS031164.D	21 Jul 2025 17:51	AR\AJ	Ok
11	Q2529-10	PS031165.D	21 Jul 2025 18:15	AR\AJ	Not Ok
12	Q2529-10MS	PS031166.D	21 Jul 2025 18:40	AR\AJ	Not Ok
13	Q2529-10MSD	PS031167.D	21 Jul 2025 19:04	AR\AJ	Not Ok
14	PB168886BS	PS031168.D	21 Jul 2025 19:28	AR\AJ	Ok
15	I.BLK	PS031169.D	21 Jul 2025 19:52	AR\AJ	Ok
16	HSTDCCC750	PS031170.D	21 Jul 2025 20:16	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031220.D	24 Jul 2025 10:10	AR\AJ	Ok
2	I.BLK	PS031221.D	24 Jul 2025 10:35	AR\AJ	Ok
3	HSTDCCC750	PS031222.D	24 Jul 2025 12:03	AR\AJ	Ok,M
4	Q2638-11	PS031223.D	24 Jul 2025 13:44	AR\AJ	Ok
5	Q2638-11MS	PS031224.D	24 Jul 2025 14:08	AR\AJ	Ok,M
6	Q2638-11MSD	PS031225.D	24 Jul 2025 14:38	AR\AJ	Ok,M
7	Q2558-01MS	PS031226.D	24 Jul 2025 15:02	AR\AJ	Ok,M
8	Q2558-01MSD	PS031227.D	24 Jul 2025 15:26	AR\AJ	Ok,M
9	Q2638-13	PS031228.D	24 Jul 2025 15:50	AR\AJ	Ok,M
10	Q2638-05	PS031229.D	24 Jul 2025 16:14	AR\AJ	Ok
11	Q2638-07	PS031230.D	24 Jul 2025 16:39	AR\AJ	Ok
12	Q2641-02	PS031231.D	24 Jul 2025 17:03	AR\AJ	Ok
13	I.BLK	PS031232.D	24 Jul 2025 17:27	AR\AJ	Ok
14	HSTDCCC750	PS031233.D	24 Jul 2025 18:39	AR\AJ	Ok,M
15	Q2641-02MS	PS031234.D	24 Jul 2025 19:04	AR\AJ	Ok,M
16	Q2641-02MSD	PS031235.D	24 Jul 2025 19:28	AR\AJ	Ok,M
17	PB169001BL	PS031236.D	24 Jul 2025 19:52	AR\AJ	Ok
18	PB169001BS	PS031237.D	24 Jul 2025 20:16	AR\AJ	Ok,M
19	PB168919TB	PS031238.D	24 Jul 2025 20:40	AR\AJ	Ok
20	PB168926TB	PS031239.D	24 Jul 2025 21:04	AR\AJ	Ok
21	PB168953TB	PS031240.D	24 Jul 2025 21:29	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24559 PP24562		

22	PB168969TB	PS031241.D	24 Jul 2025 21:53	AR\AJ	Ok
23	I.BLK	PS031242.D	24 Jul 2025 22:17	AR\AJ	Ok
24	HSTDCCC750	PS031243.D	24 Jul 2025 23:29	AR\AJ	Ok,M
25	Q2481-12	PS031244.D	24 Jul 2025 23:53	AR\AJ	Not Ok
26	Q2481-15	PS031245.D	25 Jul 2025 00:17	AR\AJ	Ok,M
27	Q2667-01	PS031246.D	25 Jul 2025 00:41	AR\AJ	Ok
28	Q2667-02	PS031247.D	25 Jul 2025 01:05	AR\AJ	Ok
29	Q2481-19	PS031248.D	25 Jul 2025 01:29	AR\AJ	Ok
30	Q2481-21	PS031249.D	25 Jul 2025 01:53	AR\AJ	Ok
31	Q2446-03	PS031250.D	25 Jul 2025 02:18	AR\AJ	Not Ok
32	I.BLK	PS031251.D	25 Jul 2025 02:42	AR\AJ	Ok
33	HSTDCCC750	PS031252.D	25 Jul 2025 03:54	AR\AJ	Ok,M
34	Q2481-13	PS031253.D	25 Jul 2025 04:18	AR\AJ	Ok
35	Q2481-14	PS031254.D	25 Jul 2025 04:43	AR\AJ	Ok
36	Q2481-16	PS031255.D	25 Jul 2025 05:07	AR\AJ	Ok
37	Q2481-17	PS031256.D	25 Jul 2025 05:31	AR\AJ	Ok
38	Q2481-18	PS031257.D	25 Jul 2025 05:55	AR\AJ	Not Ok
39	Q2481-20	PS031258.D	25 Jul 2025 06:19	AR\AJ	Ok
40	I.BLK	PS031259.D	25 Jul 2025 06:43	AR\AJ	Ok
41	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072825

Review By	Abdul	Review On	7/30/2025 8:54:35 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:07 AM
SubDirectory	PS072825	HP Acquire Method	HP Processing Method pd072125 8081
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	PS031262.D	28 Jul 2025 09:34	AR\AJ	Ok
2	HSTDCCC750	PS031263.D	28 Jul 2025 11:35	AR\AJ	Ok,M
3	Q2481-12	PS031264.D	28 Jul 2025 14:31	AR\AJ	ReRun
4	Q2481-13	PS031265.D	28 Jul 2025 14:55	AR\AJ	Not Ok
5	Q2481-14	PS031266.D	28 Jul 2025 15:43	AR\AJ	Not Ok
6	Q2481-16	PS031267.D	28 Jul 2025 16:32	AR\AJ	Not Ok
7	Q2481-17	PS031268.D	28 Jul 2025 17:20	AR\AJ	Not Ok
8	Q2481-18	PS031269.D	28 Jul 2025 18:08	AR\AJ	ReRun
9	Q2481-20	PS031270.D	28 Jul 2025 18:57	AR\AJ	Not Ok
10	Q2481-19	PS031271.D	28 Jul 2025 07:45 pm	AR\AJ	Not Ok
11	Q2481-21	PS031272.D	28 Jul 2025 20:33	AR\AJ	Not Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031273.D	29 Jul 2025 15:42	AR\AJ	Ok
2	I.BLK	PS031274.D	29 Jul 2025 16:06	AR\AJ	Ok
3	HSTDICC200	PS031275.D	29 Jul 2025 16:30	AR\AJ	Ok,M
4	HSTDICC500	PS031276.D	29 Jul 2025 16:54	AR\AJ	Ok
5	HSTDICC750	PS031277.D	29 Jul 2025 17:18	AR\AJ	Ok
6	HSTDICC1000	PS031278.D	29 Jul 2025 17:42	AR\AJ	Ok,M
7	HSTDICC1500	PS031279.D	29 Jul 2025 18:07	AR\AJ	Ok,M
8	HSTDICV750	PS031280.D	29 Jul 2025 18:31	AR\AJ	Ok
9	I.BLK	PS031281.D	29 Jul 2025 18:55	AR\AJ	Ok
10	HSTDCCC750	PS031282.D	29 Jul 2025 19:19	AR\AJ	Ok,M
11	Q2668-01	PS031283.D	29 Jul 2025 19:43	AR\AJ	Ok
12	Q2668-05	PS031284.D	29 Jul 2025 20:07	AR\AJ	Ok
13	Q2668-09	PS031285.D	29 Jul 2025 20:32	AR\AJ	Ok
14	PB169024BL	PS031286.D	29 Jul 2025 20:56	AR\AJ	Ok
15	PB169024BS	PS031287.D	29 Jul 2025 21:20	AR\AJ	Ok,M
16	Q2668-09MS	PS031288.D	29 Jul 2025 21:44	AR\AJ	Ok,M
17	Q2668-09MSD	PS031289.D	29 Jul 2025 22:08	AR\AJ	Ok,M
18	Q2691-01	PS031290.D	29 Jul 2025 22:32	AR\AJ	Not Ok
19	Q2691-07	PS031291.D	29 Jul 2025 22:57	AR\AJ	ReRun
20	I.BLK	PS031292.D	29 Jul 2025 23:21	AR\AJ	Ok
21	HSTDCCC750	PS031293.D	29 Jul 2025 23:45	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	PB169037BL	PS031294.D	30 Jul 2025 00:09	AR\AJ	Ok
23	PB169037BS	PS031295.D	30 Jul 2025 00:33	AR\AJ	Ok
24	PB168986TB	PS031296.D	30 Jul 2025 00:57	AR\AJ	Ok
25	Q2681-01	PS031297.D	30 Jul 2025 01:20	AR\AJ	Ok
26	Q2681-01MS	PS031298.D	30 Jul 2025 01:44	AR\AJ	Ok,M
27	Q2681-01MSD	PS031299.D	30 Jul 2025 02:09	AR\AJ	Ok,M
28	I.BLK	PS031300.D	30 Jul 2025 02:33	AR\AJ	Ok
29	HSTDCCC750	PS031301.D	30 Jul 2025 02:57	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM
SubDirectory	PS073025	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS031302.D	30 Jul 2025 08:15	AR\AJ	Ok
2	I.BLK	PS031303.D	30 Jul 2025 08:40	AR\AJ	Ok
3	HSTDCCC750	PS031304.D	30 Jul 2025 09:04	AR\AJ	Ok,M
4	Q2703-01	PS031305.D	30 Jul 2025 09:28	AR\AJ	Ok
5	Q2706-01	PS031306.D	30 Jul 2025 09:52	AR\AJ	Ok,M
6	Q2706-03	PS031307.D	30 Jul 2025 10:16	AR\AJ	Ok,M
7	I.BLK	PS031308.D	30 Jul 2025 10:41	AR\AJ	Ok
8	HSTDCCC750	PS031309.D	30 Jul 2025 11:05	AR\AJ	Ok,M
9	Q2709-01	PS031310.D	30 Jul 2025 11:35	AR\AJ	Ok,M
10	Q2709-01MS	PS031311.D	30 Jul 2025 11:59	AR\AJ	Ok,M
11	Q2709-01MSD	PS031312.D	30 Jul 2025 12:23	AR\AJ	Ok,M
12	PB169051BL	PS031313.D	30 Jul 2025 12:49	AR\AJ	Ok
13	PB169051BS	PS031314.D	30 Jul 2025 13:13	AR\AJ	Ok,M
14	I.BLK	PS031315.D	30 Jul 2025 13:37	AR\AJ	Ok
15	HSTDCCC750	PS031316.D	30 Jul 2025 14:01	AR\AJ	Ok,M
16	Q2481-12	PS031317.D	30 Jul 2025 14:25	AR\AJ	Ok
17	Q2481-18	PS031318.D	30 Jul 2025 14:49	AR\AJ	Ok,M
18	Q2691-07RE	PS031319.D	30 Jul 2025 15:38	AR\AJ	Confirms
19	I.BLK	PS031320.D	30 Jul 2025 16:02	AR\AJ	Ok
20	HSTDCCC750	PS031321.D	30 Jul 2025 16:26	AR\AJ	Ok,M
21	Q2691-01	PS031322.D	30 Jul 2025 16:51	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM
SubDirectory	PS073025	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q2639-01	PS031323.D	30 Jul 2025 17:15	AR\AJ	Ok,M
23	Q2639-03	PS031324.D	30 Jul 2025 17:39	AR\AJ	Ok,M
24	Q2639-05RE	PS031325.D	30 Jul 2025 18:03	AR\AJ	Confirms
25	Q2639-09RE	PS031326.D	30 Jul 2025 18:27	AR\AJ	Confirms
26	Q2639-11RE	PS031327.D	30 Jul 2025 18:51	AR\AJ	Confirms
27	Q2639-13RE	PS031328.D	30 Jul 2025 19:15	AR\AJ	Confirms
28	I.BLK	PS031329.D	30 Jul 2025 19:40	AR\AJ	Ok
29	HSTDCCC750	PS031330.D	30 Jul 2025 22:05	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM
SubDirectory	PS072125	HP Acquire Method	HP Processing Method ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031155.D	21 Jul 2025 14:14		AR\AJ	Ok
2	I.BLK	I.BLK	PS031156.D	21 Jul 2025 14:38		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031157.D	21 Jul 2025 15:02		AR\AJ	Ok
4	HSTDICC500	HSTDICC500	PS031158.D	21 Jul 2025 15:26		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS031159.D	21 Jul 2025 15:51		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031160.D	21 Jul 2025 16:15		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031161.D	21 Jul 2025 16:39		AR\AJ	Ok
8	HSTDICV750	ICVPS072125	PS031162.D	21 Jul 2025 17:03		AR\AJ	Ok
9	I.BLK	I.BLK	PS031163.D	21 Jul 2025 17:27		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031164.D	21 Jul 2025 17:51		AR\AJ	Ok
11	Q2529-10	TP-30	PS031165.D	21 Jul 2025 18:15	already analyzed	AR\AJ	Not Ok
12	Q2529-10MS	TP-30MS	PS031166.D	21 Jul 2025 18:40	some compound recovery fail ,already analyzed	AR\AJ	Not Ok
13	Q2529-10MSD	TP-30MSD	PS031167.D	21 Jul 2025 19:04	some compound recovery fail ,RPD fail,already analyzed	AR\AJ	Not Ok
14	PB168886BS	PB168886BS	PS031168.D	21 Jul 2025 19:28		AR\AJ	Ok
15	I.BLK	I.BLK	PS031169.D	21 Jul 2025 19:52		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS031170.D	21 Jul 2025 20:16		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031220.D	24 Jul 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PS031221.D	24 Jul 2025 10:35		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031222.D	24 Jul 2025 12:03		AR\AJ	Ok,M
4	Q2638-11	OU4-TS-36-071725	PS031223.D	24 Jul 2025 13:44		AR\AJ	Ok
5	Q2638-11MS	OU4-TS-36-071725MS	PS031224.D	24 Jul 2025 14:08		AR\AJ	Ok,M
6	Q2638-11MSD	OU4-TS-36-071725MS	PS031225.D	24 Jul 2025 14:38		AR\AJ	Ok,M
7	Q2558-01MS	OU4-TS-Denali-070925	PS031226.D	24 Jul 2025 15:02		AR\AJ	Ok,M
8	Q2558-01MSD	OU4-TS-Denali-070925	PS031227.D	24 Jul 2025 15:26		AR\AJ	Ok,M
9	Q2638-13	OU4-TS-37-071725	PS031228.D	24 Jul 2025 15:50		AR\AJ	Ok,M
10	Q2638-05	OU4-TS-33-071725	PS031229.D	24 Jul 2025 16:14		AR\AJ	Ok
11	Q2638-07	OU4-TS-34-071725	PS031230.D	24 Jul 2025 16:39		AR\AJ	Ok
12	Q2641-02	P001-CONCRETE001-	PS031231.D	24 Jul 2025 17:03		AR\AJ	Ok
13	I.BLK	I.BLK	PS031232.D	24 Jul 2025 17:27		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS031233.D	24 Jul 2025 18:39		AR\AJ	Ok,M
15	Q2641-02MS	P001-CONCRETE001-	PS031234.D	24 Jul 2025 19:04		AR\AJ	Ok,M
16	Q2641-02MSD	P001-CONCRETE001-	PS031235.D	24 Jul 2025 19:28		AR\AJ	Ok,M
17	PB169001BL	PB169001BL	PS031236.D	24 Jul 2025 19:52		AR\AJ	Ok
18	PB169001BS	PB169001BS	PS031237.D	24 Jul 2025 20:16		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB168919TB	PB168919TB	PS031238.D	24 Jul 2025 20:40		AR\AJ	Ok
20	PB168926TB	PB168926TB	PS031239.D	24 Jul 2025 21:04		AR\AJ	Ok
21	PB168953TB	PB168953TB	PS031240.D	24 Jul 2025 21:29		AR\AJ	Ok
22	PB168969TB	PB168969TB	PS031241.D	24 Jul 2025 21:53		AR\AJ	Ok
23	I.BLK	I.BLK	PS031242.D	24 Jul 2025 22:17		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS031243.D	24 Jul 2025 23:29		AR\AJ	Ok,M
25	Q2481-12	CC0627-AL	PS031244.D	24 Jul 2025 23:53	bad injection	AR\AJ	Not Ok
26	Q2481-15	CC0627-AOXL	PS031245.D	25 Jul 2025 00:17		AR\AJ	Ok,M
27	Q2667-01	C0AP2	PS031246.D	25 Jul 2025 00:41		AR\AJ	Ok
28	Q2667-02	C0AP3	PS031247.D	25 Jul 2025 01:05		AR\AJ	Ok
29	Q2481-19	CC0627-CLOXAL	PS031248.D	25 Jul 2025 01:29	f falg,	AR\AJ	Ok
30	Q2481-21	CC0627-SFBL	PS031249.D	25 Jul 2025 01:53		AR\AJ	Ok
31	Q2446-03	MR-BUR-LNG-13	PS031250.D	25 Jul 2025 02:18	bad injection, TYPO	AR\AJ	Not Ok
32	I.BLK	I.BLK	PS031251.D	25 Jul 2025 02:42		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS031252.D	25 Jul 2025 03:54		AR\AJ	Ok,M
34	Q2481-13	CC0627-CLOXPL	PS031253.D	25 Jul 2025 04:18	Surrogate fail in 1st col.END CCC FAIL	AR\AJ	Ok
35	Q2481-14	CC0625-0XBL	PS031254.D	25 Jul 2025 04:43	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
36	Q2481-16	CC0625-NL	PS031255.D	25 Jul 2025 05:07	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC Internal Standard/PEM	PP24559
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562

37	Q2481-17	CC0267-OXPL	PS031256.D	25 Jul 2025 05:31	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
38	Q2481-18	CC0627-OXL	PS031257.D	25 Jul 2025 05:55	bad injection, surrogate not detected	AR\AJ	Not Ok
39	Q2481-20	CC0627-BL	PS031258.D	25 Jul 2025 06:19	Surrogate fail 2nd col, END CCC FAIL, F flag	AR\AJ	Ok
40	I.BLK	I.BLK	PS031259.D	25 Jul 2025 06:43	Surrogate low in both column, bad injection	AR\AJ	Ok
41	HSTDCCC750	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	most of compounds are fail	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072825

Review By	Abdul	Review On	7/30/2025 8:54:35 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:07 AM
SubDirectory	PS072825	HP Acquire Method	HP Processing Method pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PS031262.D	28 Jul 2025 09:34		AR\AJ	Ok
2	HSTDCCC750	HSTDCCC750	PS031263.D	28 Jul 2025 11:35		AR\AJ	Ok,M
3	Q2481-12	CC0627-AL	PS031264.D	28 Jul 2025 14:31	End CCC missing, only for fax	AR\AJ	ReRun
4	Q2481-13	CC0627-CLOXPL	PS031265.D	28 Jul 2025 14:55	End CCC missing	AR\AJ	Not Ok
5	Q2481-14	CC0625-OXBL	PS031266.D	28 Jul 2025 15:43	End CCC missing	AR\AJ	Not Ok
6	Q2481-16	CC0625-NL	PS031267.D	28 Jul 2025 16:32	End CCC missing	AR\AJ	Not Ok
7	Q2481-17	CC0267-OXPL	PS031268.D	28 Jul 2025 17:20	End CCC missing	AR\AJ	Not Ok
8	Q2481-18	CC0627-OXL	PS031269.D	28 Jul 2025 18:08	Surrogate fail,End CCC missing, f flag only for fax	AR\AJ	ReRun
9	Q2481-20	CC0627-BL	PS031270.D	28 Jul 2025 18:57	End CCC missing	AR\AJ	Not Ok
10	Q2481-19	CC0627-CLOXAL	PS031271.D	28 Jul 2025 07:45 pm	End CCC missing	AR\AJ	Not Ok
11	Q2481-21	CC0627-SFBL	PS031272.D	28 Jul 2025 20:33	End CCC missing	AR\AJ	Not Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031273.D	29 Jul 2025 15:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS031274.D	29 Jul 2025 16:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031275.D	29 Jul 2025 16:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031276.D	29 Jul 2025 16:54		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031277.D	29 Jul 2025 17:18		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031278.D	29 Jul 2025 17:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS031279.D	29 Jul 2025 18:07		AR\AJ	Ok,M
8	HSTDICV750	ICVPS072925	PS031280.D	29 Jul 2025 18:31		AR\AJ	Ok
9	I.BLK	I.BLK	PS031281.D	29 Jul 2025 18:55		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031282.D	29 Jul 2025 19:19		AR\AJ	Ok,M
11	Q2668-01	TP-2	PS031283.D	29 Jul 2025 19:43		AR\AJ	Ok
12	Q2668-05	TP-3	PS031284.D	29 Jul 2025 20:07		AR\AJ	Ok
13	Q2668-09	TP-1	PS031285.D	29 Jul 2025 20:32		AR\AJ	Ok
14	PB169024BL	PB169024BL	PS031286.D	29 Jul 2025 20:56		AR\AJ	Ok
15	PB169024BS	PB169024BS	PS031287.D	29 Jul 2025 21:20		AR\AJ	Ok,M
16	Q2668-09MS	TP-1MS	PS031288.D	29 Jul 2025 21:44	Some compound recovery fail	AR\AJ	Ok,M
17	Q2668-09MSD	TP-1MSD	PS031289.D	29 Jul 2025 22:08	Some compound recovery fail	AR\AJ	Ok,M
18	Q2691-01	295	PS031290.D	29 Jul 2025 22:32	surrogate fail in both column	AR\AJ	Not Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

19	Q2691-07	299	PS031291.D	29 Jul 2025 22:57	Surrogate fail in 1st col	AR\AJ	ReRun
20	I.BLK	I.BLK	PS031292.D	29 Jul 2025 23:21		AR\AJ	Ok
21	HSTDCCC750	HSTDCCC750	PS031293.D	29 Jul 2025 23:45		AR\AJ	Ok,M
22	PB169037BL	PB169037BL	PS031294.D	30 Jul 2025 00:09		AR\AJ	Ok
23	PB169037BS	PB169037BS	PS031295.D	30 Jul 2025 00:33		AR\AJ	Ok
24	PB168986TB	PB168986TB	PS031296.D	30 Jul 2025 00:57		AR\AJ	Ok
25	Q2681-01	NYPA-POUCH-SPENT	PS031297.D	30 Jul 2025 01:20		AR\AJ	Ok
26	Q2681-01MS	NYPA-POUCH-SPENT	PS031298.D	30 Jul 2025 01:44	Recovery fail	AR\AJ	Ok,M
27	Q2681-01MSD	NYPA-POUCH-SPENT	PS031299.D	30 Jul 2025 02:09	Recovery fail	AR\AJ	Ok,M
28	I.BLK	I.BLK	PS031300.D	30 Jul 2025 02:33		AR\AJ	Ok
29	HSTDCCC750	HSTDCCC750	PS031301.D	30 Jul 2025 02:57		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM
SubDirectory	PS073025	HP Acquire Method	HP Processing Method ps072925 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS031302.D	30 Jul 2025 08:15		AR\AJ	Ok
2	I.BLK	I.BLK	PS031303.D	30 Jul 2025 08:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031304.D	30 Jul 2025 09:04		AR\AJ	Ok,M
4	Q2703-01	TP-4	PS031305.D	30 Jul 2025 09:28		AR\AJ	Ok
5	Q2706-01	RT-5417	PS031306.D	30 Jul 2025 09:52		AR\AJ	Ok,M
6	Q2706-03	ETGI-361	PS031307.D	30 Jul 2025 10:16		AR\AJ	Ok,M
7	I.BLK	I.BLK	PS031308.D	30 Jul 2025 10:41		AR\AJ	Ok
8	HSTDCCC750	HSTDCCC750	PS031309.D	30 Jul 2025 11:05		AR\AJ	Ok,M
9	Q2709-01	7211935-295	PS031310.D	30 Jul 2025 11:35		AR\AJ	Ok,M
10	Q2709-01MS	7211935-295MS	PS031311.D	30 Jul 2025 11:59	some compound recovery fail	AR\AJ	Ok,M
11	Q2709-01MSD	7211935-295MSD	PS031312.D	30 Jul 2025 12:23	some compound recovery fail , RPD fail	AR\AJ	Ok,M
12	PB169051BL	PB169051BL	PS031313.D	30 Jul 2025 12:49		AR\AJ	Ok
13	PB169051BS	PB169051BS	PS031314.D	30 Jul 2025 13:13		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS031315.D	30 Jul 2025 13:37		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS031316.D	30 Jul 2025 14:01		AR\AJ	Ok,M
16	Q2481-12	CC0627-AL	PS031317.D	30 Jul 2025 14:25		AR\AJ	Ok
17	Q2481-18	CC0627-OXL	PS031318.D	30 Jul 2025 14:49	Surrogate high in 1st column	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS073025

Review By	yogesh	Review On	7/31/2025 8:24:42 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:26:32 AM
SubDirectory	PS073025	HP Acquire Method	HP Processing Method ps072925 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

18	Q2691-07RE	299RE	PS031319.D	30 Jul 2025 15:38	Surrogate fail in 1st col	AR\AJ	Confirms
19	I.BLK	I.BLK	PS031320.D	30 Jul 2025 16:02		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS031321.D	30 Jul 2025 16:26		AR\AJ	Ok,M
21	Q2691-01	295	PS031322.D	30 Jul 2025 16:51		AR\AJ	Ok
22	Q2639-01	OU4-TS-38-071725	PS031323.D	30 Jul 2025 17:15		AR\AJ	Ok,M
23	Q2639-03	OU4-TS-39-071725	PS031324.D	30 Jul 2025 17:39		AR\AJ	Ok,M
24	Q2639-05RE	OU4-TS-40-071725RE	PS031325.D	30 Jul 2025 18:03	Surrogate low in both column	AR\AJ	Confirms
25	Q2639-09RE	OU4-TS-42-071725RE	PS031326.D	30 Jul 2025 18:27	Surrogate low in 1st column	AR\AJ	Confirms
26	Q2639-11RE	OU4-TS-43-071725RE	PS031327.D	30 Jul 2025 18:51	Surrogate low in 1st column	AR\AJ	Confirms
27	Q2639-13RE	OU4-TS-44-071725RE	PS031328.D	30 Jul 2025 19:15	Surrogate low in 1st column	AR\AJ	Confirms
28	I.BLK	I.BLK	PS031329.D	30 Jul 2025 19:40		AR\AJ	Ok
29	HSTDCCC750	HSTDCCC750	PS031330.D	30 Jul 2025 22:05		AR\AJ	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A Time : N/A

End Prep Date : N/A Time : N/A

Combination Ratio : N/A

ZHE Cleaning Batch : 10 N/A

Initial Room Temperature : N/A

Final Room Temperature : N/A

TCLP Technician Signature : *JP*

Supervisor By : 12

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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. q2481-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/10/15 11:00	<i>JP</i> 100 Room	<i>SIB</i> m4 dig
	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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-03	CC0625-0XBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	1.5	N/A
Q2481-06	CC0267-0XPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.0	N/A
Q2481-07	CC0627-0XL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

Hot Block ID : N/A

Thermometer ID : N/A

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
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-06	CC0627-OXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2481 w WorkList ID : 190516 Department : TCLP Extraction Date : 07-02-2025 13:46:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-01	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-02	CC0627-CLOXP	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-03	CC0625-OB	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-04	CC0627-AOX	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-05	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-06	CC0627-OB	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-07	CC0627-OB	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-08	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-09	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-10	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311

Date/Time 07/02/25 13:50
 Raw Sample Received by: SD (wv)
 Raw Sample Relinquished by: CS

Date/Time 07/02/25 17:00
 Raw Sample Received by: CS
 Raw Sample Relinquished by: SD (wv)

SOP ID :	M1311-TCLP-16		
SDG No :	N/A	Start Prep Date :	N/A Time : N/A
Welgh By :	N/A	End Prep Date :	N/A Time : N/A
Balance ID :	N/A	Combination Ratio :	N/A
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch :	N/A
Extraction By :	JP	Initial Room Temperature:	N/A
Filter By :	JP	Final Room Temperature:	N/A
Pippete ID :	N/A	TCLP Technician Signature :	<i>JP</i>
Tumbler ID :	N/A	Supervisor By :	<i>12</i>
TCLP Filter ID :	115525		

Standarded 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
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
N/A	N/A	N/A
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	<i>JP</i> <i>169 ROOM</i>	<i>RS</i> <i>1 EXT</i>
	Preparation Group	Analysis Group <i>Def</i>

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OBXL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OBPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OBXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OBXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OBXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OBXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2481 WorkList ID : 190885 Department : TCLP Extraction Date : 07-22-2025 15:41:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-13	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-14	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-15	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-16	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-17	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-18	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-19	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-20	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311
Q2481-21	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENV160	A13	06/27/2025	1311

Date/Time 07/22/25 16:00
 Raw Sample Received by: SP WOC
 Raw Sample Relinquished by: AP SM

Date/Time 07/22/25 18:00
 Raw Sample Received by: AP SM
 Raw Sample Relinquished by: SP WOC

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#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 07/23/2025

Extraction Start Time : 11:45

Extraction End Date : 07/24/2025

Extraction End Time : 12:10

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24654
Surrogate	1.0ML	5000 PPB	PP24737
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	E3952
Acidified Na2SO4	N/A	EP2621
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2618
Hexane	N/A	E3956
METHANOL	N/A	V14622
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.Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

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
7/24/25	RS (Ext Lab)	R. Post/PCB Lab
12:15	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			2
PB168953TB	PB168953TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			3
PB168969TB	PB168969TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			4
PB169001BL	HBLK001	TCLP Herbicide	1000	6	RUPESEH	ritesh	10			5
PB169001BS	HLC5001	TCLP Herbicide	1000	6	RUPESEH	ritesh	10			6
Q2481-12	CC0627-AL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	7
Q2481-13	CC0627-CLOXPL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	8
Q2481-14	CC0625-0XBL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	9
Q2481-15	CC0627-AOXL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	10
Q2481-16	CC0625-NL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	11
Q2481-17	CC0267-0XPL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	12
Q2481-18	CC0627-0XL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	13
Q2481-19	CC0627-CLOXAL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	14
Q2481-20	CC0627-BL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	15
Q2481-21	CC0627-SFBL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	16
Q2641-02	P001-CONCRETE001-01	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		SEP-1
Q2641-02MS	P001-CONCRETE001-01MS	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		2
Q2641-02MSD	P001-CONCRETE001-01MSD	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		3
Q2646-03	FRAC TANK	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		4
Q2667-01	COAP2	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		5
Q2667-02	COAP3	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		6

* Extracts relinquished on the same date as received.

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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/13/15
11:00

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
PB168953TB	LEB953	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2655-02	SOIL	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2660-02	MOO-25-0205	02	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2660-04	MOO-25-0218	03	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2667-01	C0AP2	04	100.01	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2667-02	C0AP3	05	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
Q2668-04	TP-2	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2668-08	TP-3	07	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2668-12	TP-1	08	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2672-02	AUD-25-0123-0127	09	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2672-04	AUD-25-0128-0132	10	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1

04/23/25
11:00

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
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

07/21/25
11:30

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
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30

LAB CHRONICLE

OrderID:	Q2481	OrderDate:	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	Project:	CC2-16 Analytical
Contact:	Ryan Simpson	Location:	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-12	CC0627-AL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/30/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-13	CC0627-CLOXPL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-14	CC0625-OBXL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-15	CC0627-AOXL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-16	CC0625-NL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-17	CC0267-OBXL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-18	CC0627-OBXL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/30/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-19	CC0627-CLOXAL	TCLP			06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	

LAB CHRONICLE

Q2481-20	CC0627-BL	TCLP	TCLP Pesticide	8081B		07/23/25	07/29/25	
					06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
Q2481-21	CC0627-SFBL	TCLP	TCLP Pesticide	8081B		07/23/25	07/24/25	
					06/27/25			06/27/25
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
 Data File : PS031264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 14:31
 Operator : AR\AJ
 Sample : Q2481-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CC0627-AL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 14:27:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.318	7.759	1343.2E6	376.3E6	308.908m	370.792

Target Compounds

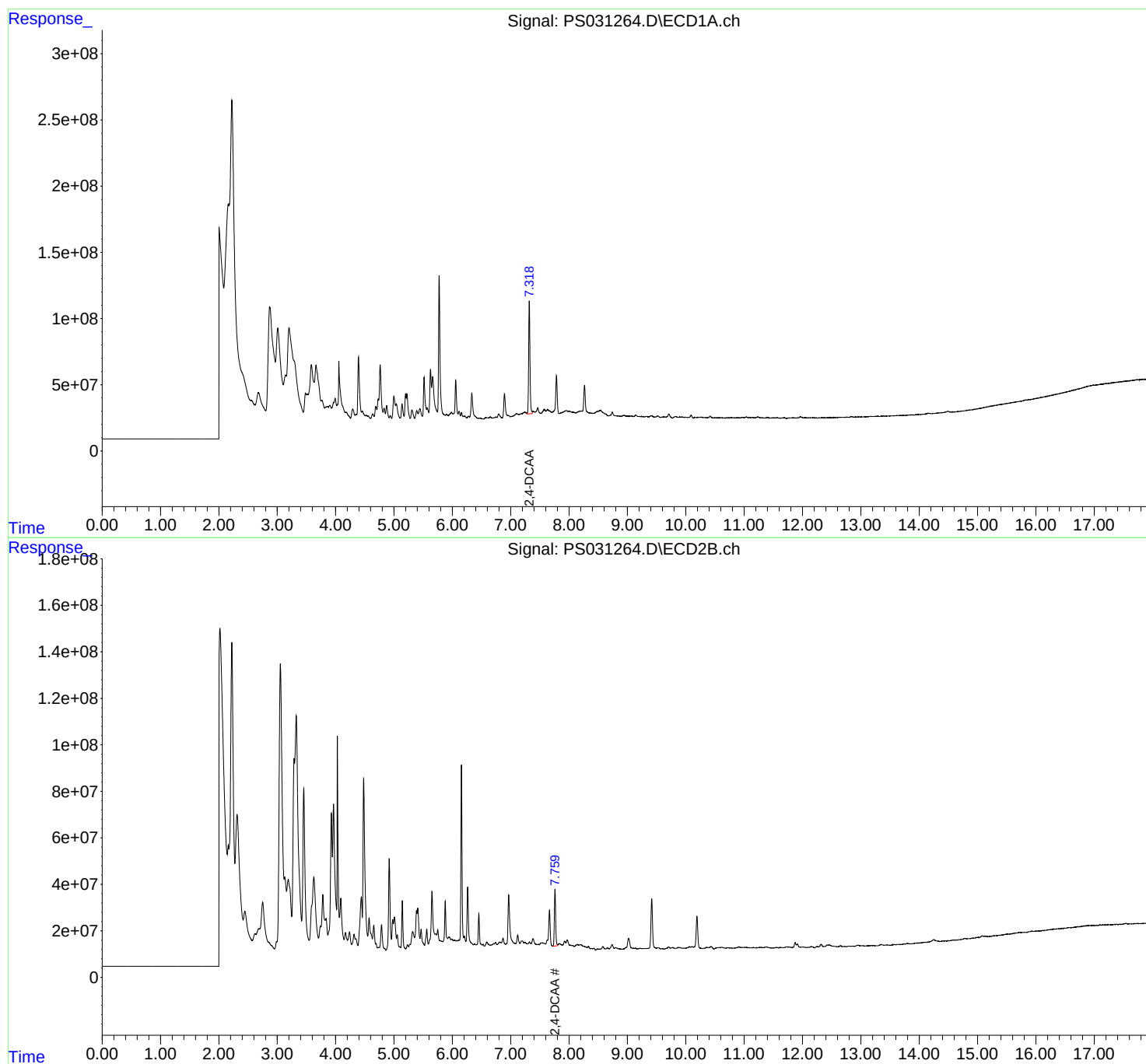
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

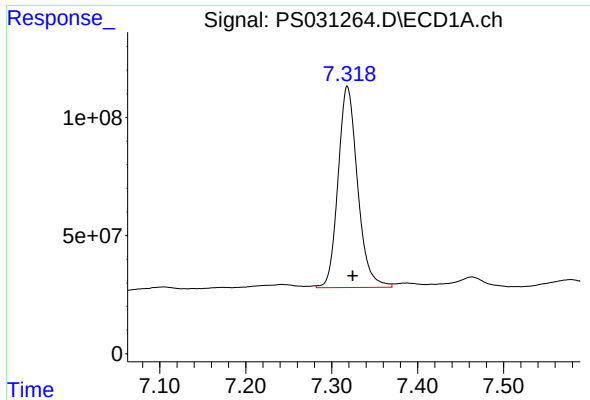
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 14:31
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

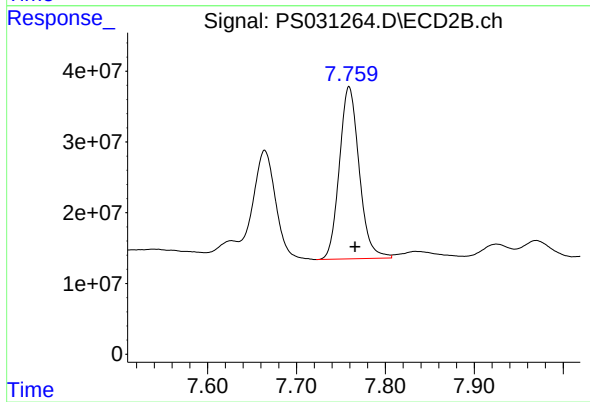




#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 1343210571
Conc: 308.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-AL



#4 2,4-DCAA

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 376342237
Conc: 370.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
 Data File : PS031269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 18:08
 Operator : AR\AJ
 Sample : Q2481-18 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CC0627-OXL

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 14:25:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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

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

System Monitoring Compounds						
4) S 2,4-DCAA	7.304	7.731f	227.6E6	1747891	52.348	1.722m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
Data File : PS031269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 18:08
Operator : AR\AJ
Sample : Q2481-18 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

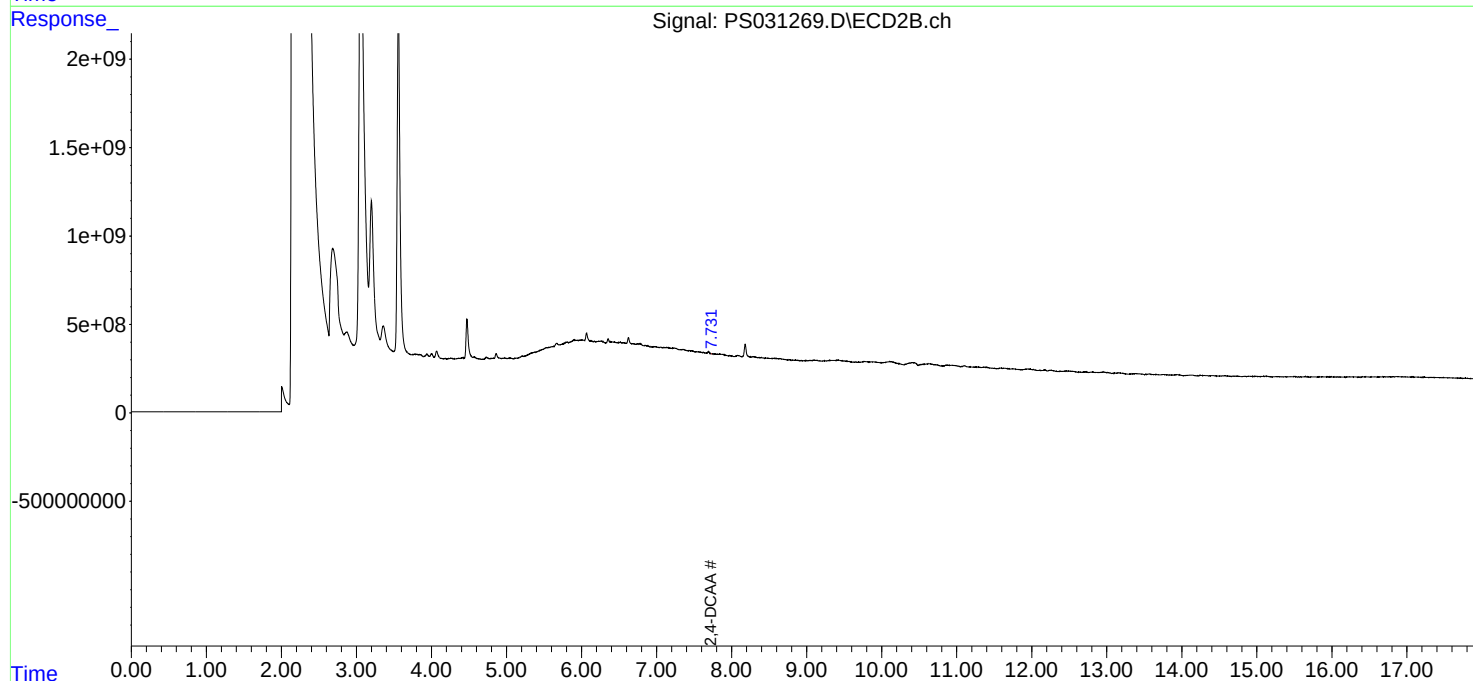
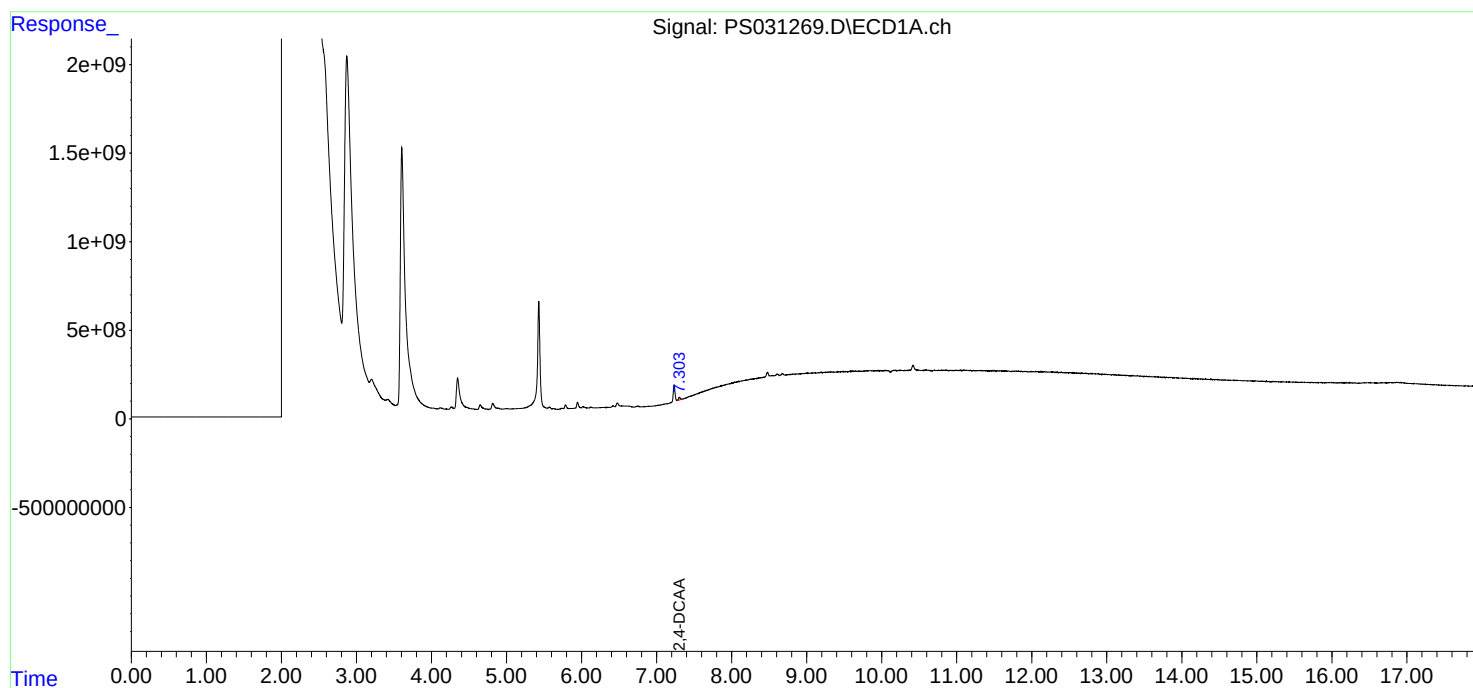
Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

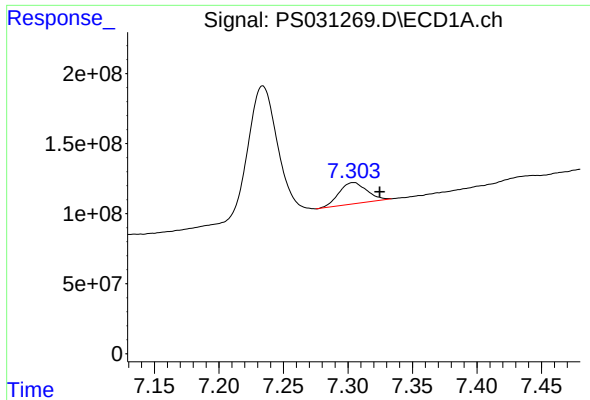
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/30/2025
Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:25:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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





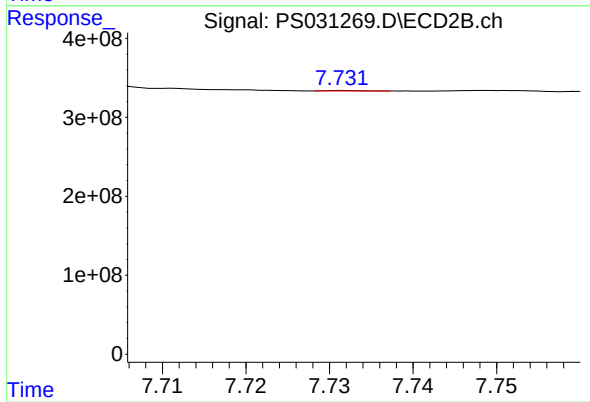
#4 2,4-DCAA

R.T.: 7.304 min
Delta R.T.: -0.020 min
Response: 227622049
Conc: 52.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



#4 2,4-DCAA

R.T.: 7.731 min
Delta R.T.: -0.035 min
Response: 1747891
Conc: 1.72 ng/ml m