



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

Hit Summary Sheet
SW-846

SDG No.:	P4892				Order ID:	P4892			
Client:	Portal Partners Tri-Venture				Project ID:	Amtrak Sawtooth Bridges 2024			
Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :									
Total Concentration:				0.000					



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-03	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	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
PS028600.D	1	11/21/24 09:41	11/22/24 12:25	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	547		70 (39) - 130 (175)	109%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/21/24	
Client Sample ID:	PB165060TB		SDG No.:	P4892	
Lab Sample ID:	PB165060TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028599.D	1	11/21/24 09:41	11/22/24 12:01	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	4.90	U	4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	334	*	70 (39) - 130 (175)	67%	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



QC SUMMARY

A

B

C

D

E

F

G

H

I

J

K

L

Surrogate Summary

SDG No.: **P4892**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS028487.D	PIBLK-PS028487.D	2,4-DCAA	1	500	548	110		70 (39)	130 (175)
		2,4-DCAA	2	500	547	109		70 (39)	130 (175)
I.BLK-PS028595.D	PIBLK-PS028595.D	2,4-DCAA	1	500	585	117		70 (39)	130 (175)
		2,4-DCAA	2	500	511	102		70 (39)	130 (175)
PB165193BL	PB165193BL	2,4-DCAA	1	500	617	123		70 (39)	130 (175)
		2,4-DCAA	2	500	542	108		70 (39)	130 (175)
PB165193BS	PB165193BS	2,4-DCAA	1	500	610	122		70 (39)	130 (175)
		2,4-DCAA	2	500	537	107		70 (39)	130 (175)
PB165060TB	PB165060TB	2,4-DCAA	1	500	334	67	*	70 (39)	130 (175)
		2,4-DCAA	2	500	288	58	*	70 (39)	130 (175)
P4892-03	WB-310-BOT	2,4-DCAA	1	500	547	109		70 (39)	130 (175)
		2,4-DCAA	2	500	468	94		70 (39)	130 (175)
P4892-03MS	WB-310-BOTMS	2,4-DCAA	1	500	551	110		70 (39)	130 (175)
		2,4-DCAA	2	500	476	95		70 (39)	130 (175)
P4892-03MSD	WB-310-BOTMSD	2,4-DCAA	1	500	555	111		70 (39)	130 (175)
		2,4-DCAA	2	500	470	94		70 (39)	130 (175)
I.BLK-PS028603.D	PIBLK-PS028603.D	2,4-DCAA	1	500	574	115		70 (39)	130 (175)
		2,4-DCAA	2	500	515	103		70 (39)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

DataFile : PS028601.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4892-03MS	WB-310-BOTMS											
	2,4-D	50	0	62.4	ug/L	125				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	61.9	ug/L	124				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

DataFile : PS028602.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4892-03MSD	WB-310-BOTMSD											
	2,4-D	50	0	62.5	ug/L	125		0		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	65.1	ug/L	130		5		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8151A **Datafile :** PS028598.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165193BS	2,4-D	5	6.30	ug/L	126				70 (83)	130 (130)		
	2,4,5-TP(Silvex)	5	6.10	ug/L	122				70 (78)	130 (127)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165193BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4892

SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165193BL

Lab File ID: PS028597.D

Matrix: (soil/water) water

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/21/2024

Date Analyzed (1): 11/22/2024

Date Analyzed (2): 11/22/2024

Time Analyzed (1): 11:13

Time Analyzed (2): 11:13

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
PB165193BS	PB165193BS	PS028598.D	11/22/2024	11/22/2024
PB165060TB	PB165060TB	PS028599.D	11/22/2024	11/22/2024
WB-310-BOT	P4892-03	PS028600.D	11/22/2024	11/22/2024
WB-310-BOTMS	P4892-03MS	PS028601.D	11/22/2024	11/22/2024
WB-310-BOTMSD	P4892-03MSD	PS028602.D	11/22/2024	11/22/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165193BL		SDG No.:	P4892	
Lab Sample ID:	PB165193BL		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028597.D	1	11/21/24 09:41	11/22/24 11:13	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	617		70 (39) - 130 (175)	123%	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:	Portal Partners Tri-Venture	Date Collected:	11/13/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/13/24
Client Sample ID:	PIBLK-PS028487.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PS028487.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028487.D	1		11/13/24	PS111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	548		70 (39) - 130 (175)	110%	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:	Portal Partners Tri-Venture	Date Collected:	11/22/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/22/24
Client Sample ID:	PIBLK-PS028595.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PS028595.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028595.D	1		11/22/24	PS112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	585		70 (39) - 130 (175)	117%	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:	Portal Partners Tri-Venture	Date Collected:	11/22/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/22/24
Client Sample ID:	PIBLK-PS028603.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PS028603.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028603.D	1		11/22/24	PS112224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.49	U	0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.45	U	0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	574		70 (39) - 130 (175)	115%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165193BS		SDG No.:	P4892	
Lab Sample ID:	PB165193BS		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028598.D	1	11/21/24 09:41	11/22/24 11:37	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.30		0.49	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	6.10		0.45	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	610		70 (39) - 130 (175)	122%	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:	Portal Partners Tri-Venture		Date Collected:	11/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/15/24	
Client Sample ID:	WB-310-BOTMS		SDG No.:	P4892	
Lab Sample ID:	P4892-03MS		Matrix:	TCLP	
Analytical Method:	SW8151A		% 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
PS028601.D	1	11/21/24 09:41	11/22/24 12:49	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	62.4		4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	61.9		4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	551		70 (39) - 130 (175)	110%	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:	Portal Partners Tri-Venture	Date Collected:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOTMSD	SDG No.:	P4892
Lab Sample ID:	P4892-03MSD	Matrix:	TCLP
Analytical Method:	SW8151A	% 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
PS028602.D	1	11/21/24 09:41	11/22/24 13:13	PB165193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	62.5		4.90	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	65.1		4.50	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	555		70 (39) - 130 (175)	111%	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

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

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

[illegible]

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

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Instrument ID: ECD_S **Calibration Date(s):** 11/13/2024 11/13/2024
Calibration Times: 11:44 13:23

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

LAB FILE ID:		CF 200 =	<u>PS028488.D</u>	CF 500 =	<u>PS028489.D</u>		
CF 750 =		<u>PS028490.D</u>	CF 1000 =	<u>PS028491.D</u>	CF 1500 =	<u>PS028492.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	17984700000	18202900000	17704400000	16835500000	16126100000	17370700000	5
2,4-D	3426680000	3322800000	3216710000	3055910000	2962550000	3196930000	6
2,4-DCAA	2772700000	2649760000	2564110000	2437330000	2355500000	2555880000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_S

Calibration Date(s): 11/13/2024 11/13/2024

Calibration Times: 11:44 13:23

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

LAB FILE ID:		CF 200 =	<u>PS028488.D</u>	CF 500 =	<u>PS028489.D</u>		
CF 750 =		<u>PS028490.D</u>	CF 1000 =	<u>PS028491.D</u>	CF 1500 =	<u>PS028492.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	8015310000	8674200000	8711600000	8465070000	8325300000	8438300000	3
2,4-D	1549260000	1596990000	1592240000	1549180000	1540080000	1565550000	2
2,4-DCAA	1280520000	1318140000	1312940000	1279750000	1270170000	1292300000	2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Continuing Calib Date: 11/22/2024 **Initial Calibration Date(s):** 11/13/2024 11/13/2024

Continuing Calib Time: 10:25 **Initial Calibration Time(s):** 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.23	7.24	7.14	7.34	0.01
2,4-D	8.36	8.37	8.27	8.47	0.01
2,4,5-TP(Silvex)	9.24	9.25	9.15	9.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Continuing Calib Date: 11/22/2024 **Initial Calibration Date(s):** 11/13/2024 11/13/2024

Continuing Calib Time: 10:25 **Initial Calibration Time(s):** 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.73	7.74	7.64	7.84	0.01
2,4-D	8.98	8.99	8.89	9.09	0.01
2,4,5-TP(Silvex)	9.88	9.90	9.80	10.00	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL01 Date Analyzed: 11/22/2024

Lab Sample No.: HSTDCCC750 Data File : PS028596.D Time Analyzed: 10:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.236	9.150	9.350	725.540	712.500	1.8
2,4-D	8.358	8.270	8.470	706.690	705.000	0.2
2,4-DCAA	7.232	7.141	7.341	743.190	750.000	-0.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL01 Date Analyzed: 11/22/2024

Lab Sample No.: HSTDCCC750 Data File : PS028596.D Time Analyzed: 10:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.883	9.796	9.996	676.920	712.500	-5.0
2,4-D	8.978	8.890	9.090	645.580	705.000	-8.4
2,4-DCAA	7.732	7.642	7.842	661.550	750.000	-11.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Continuing Calib Date: 11/22/2024 **Initial Calibration Date(s):** 11/13/2024 11/13/2024

Continuing Calib Time: 14:25 **Initial Calibration Time(s):** 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.23	7.24	7.14	7.34	0.01
2,4-D	8.36	8.37	8.27	8.47	0.01
2,4,5-TP(Silvex)	9.23	9.25	9.15	9.35	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Continuing Calib Date: 11/22/2024 **Initial Calibration Date(s):** 11/13/2024 11/13/2024

Continuing Calib Time: 14:25 **Initial Calibration Time(s):** 11:44 13:23

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.73	7.74	7.64	7.84	0.01
2,4-D	8.98	8.99	8.89	9.09	0.01
2,4,5-TP(Silvex)	9.88	9.90	9.80	10.00	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL02 Date Analyzed: 11/22/2024

Lab Sample No.: HSTDCCC750 Data File : PS028604.D Time Analyzed: 14:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.234	9.150	9.350	747.520	712.500	4.9
2,4-D	8.357	8.270	8.470	727.490	705.000	3.2
2,4-DCAA	7.231	7.141	7.341	766.810	750.000	2.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/13/2024 11/13/2024

Client Sample No.: CCAL02 Date Analyzed: 11/22/2024

Lab Sample No.: HSTDCCC750 Data File : PS028604.D Time Analyzed: 14:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.881	9.796	9.996	710.800	712.500	-0.2
2,4-D	8.976	8.890	9.090	679.390	705.000	-3.6
2,4-DCAA	7.731	7.642	7.842	688.910	750.000	-8.1

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 11/13/2024 11/13/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
1.BLK	1.BLK	11/13/2024	11:20	PS028487.D	7.24	0.00
HSTDICC200	HSTDICC200	11/13/2024	11:44	PS028488.D	7.24	0.00
HSTDICC500	HSTDICC500	11/13/2024	12:09	PS028489.D	7.24	0.00
HSTDICC750	HSTDICC750	11/13/2024	12:34	PS028490.D	7.24	0.00
HSTDICC1000	HSTDICC1000	11/13/2024	12:58	PS028491.D	7.24	0.00
HSTDICC1500	HSTDICC1500	11/13/2024	13:23	PS028492.D	7.24	0.00
1.BLK	1.BLK	11/22/2024	09:37	PS028595.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/22/2024	10:25	PS028596.D	7.23	0.00
PB165193BL	PB165193BL	11/22/2024	11:13	PS028597.D	7.23	0.00
PB165193BS	PB165193BS	11/22/2024	11:37	PS028598.D	7.23	0.00
PB165060TB	PB165060TB	11/22/2024	12:01	PS028599.D	7.23	0.00
WB-310-BOT	P4892-03	11/22/2024	12:25	PS028600.D	7.23	0.00
WB-310-BOTMS	P4892-03MS	11/22/2024	12:49	PS028601.D	7.23	0.00
WB-310-BOTMSD	P4892-03MSD	11/22/2024	13:13	PS028602.D	7.23	0.00
1.BLK	1.BLK	11/22/2024	13:37	PS028603.D	7.23	0.00
HSTDCCC750	HSTDCCC750	11/22/2024	14:25	PS028604.D	7.23	0.00

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/13/2024 11/13/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
1.BLK	1.BLK	11/13/2024	11:20	PS028487.D	7.74	0.00
HSTDICC200	HSTDICC200	11/13/2024	11:44	PS028488.D	7.74	0.00
HSTDICC500	HSTDICC500	11/13/2024	12:09	PS028489.D	7.74	0.00
HSTDICC750	HSTDICC750	11/13/2024	12:34	PS028490.D	7.74	0.00
HSTDICC1000	HSTDICC1000	11/13/2024	12:58	PS028491.D	7.74	0.00
HSTDICC1500	HSTDICC1500	11/13/2024	13:23	PS028492.D	7.74	0.00
1.BLK	1.BLK	11/22/2024	09:37	PS028595.D	7.73	0.00
HSTDCCC750	HSTDCCC750	11/22/2024	10:25	PS028596.D	7.73	0.00
PB165193BL	PB165193BL	11/22/2024	11:13	PS028597.D	7.73	0.00
PB165193BS	PB165193BS	11/22/2024	11:37	PS028598.D	7.73	0.00
PB165060TB	PB165060TB	11/22/2024	12:01	PS028599.D	7.73	0.00
WB-310-BOT	P4892-03	11/22/2024	12:25	PS028600.D	7.73	0.00
WB-310-BOTMS	P4892-03MS	11/22/2024	12:49	PS028601.D	7.73	0.00
WB-310-BOTMSD	P4892-03MSD	11/22/2024	13:13	PS028602.D	7.73	0.00
1.BLK	1.BLK	11/22/2024	13:37	PS028603.D	7.73	0.00
HSTDCCC750	HSTDCCC750	11/22/2024	14:25	PS028604.D	7.73	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165193BS

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165193BS Date(s) Analyzed: 11/22/2024 11/22/2024

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	8.36	8.31	8.41	6.30	10
	2	8.98	8.93	9.03	5.70	
2,4,5-TP(Silvex)	1	9.24	9.19	9.29	6.10	5
	2	9.88	9.83	9.93	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-310-BOTMS

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: P4892-03MS Date(s) Analyzed: 11/22/2024 11/22/2024

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	8.36	8.31	8.41	62.4	9
	2	8.98	8.93	9.03	57.0	
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	59.4	4.1
	2	9.88	9.83	9.93	61.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-310-BOTMSD

Contract: PORT06

Lab Code: CHEM **Case No.:** P4892 **SAS No.:** P4892 **SDG NO.:** P4892

Lab Sample ID: P4892-03MSD **Date(s) Analyzed:** 11/22/2024 11/22/2024

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	8.36	8.31	8.41	62.5	8.7
	2	8.98	8.93	9.03	57.3	
2,4,5-TP(Silvex)	1	9.23	9.18	9.28	60.0	8.2
	2	9.88	9.83	9.93	65.1	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 12:25
Operator : AR\AJ
Sample : P4892-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
WB-310-BOT

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:01:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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	7.231	7.730	1398.0E6	605.3E6	546.962m	468.400m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 12:25
Operator : AR\AJ
Sample : P4892-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WB-310-BOT

Manual Integrations

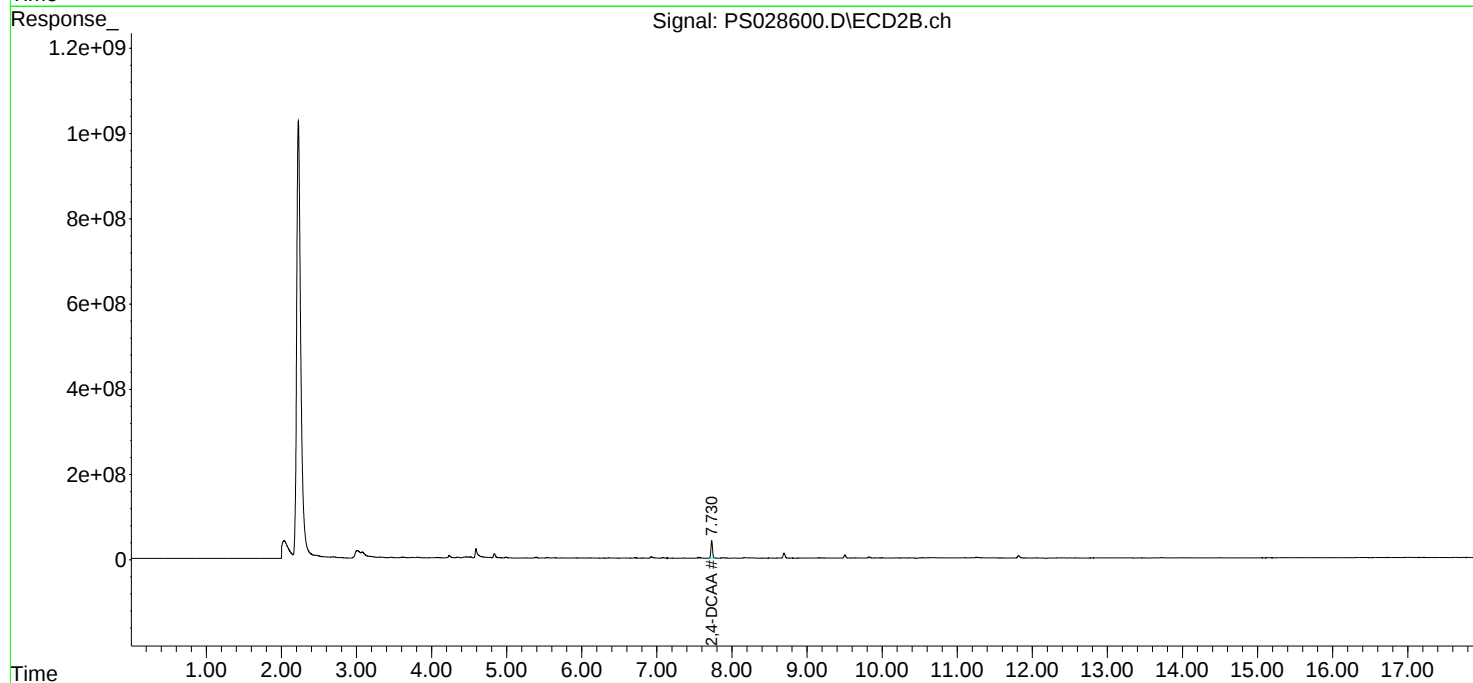
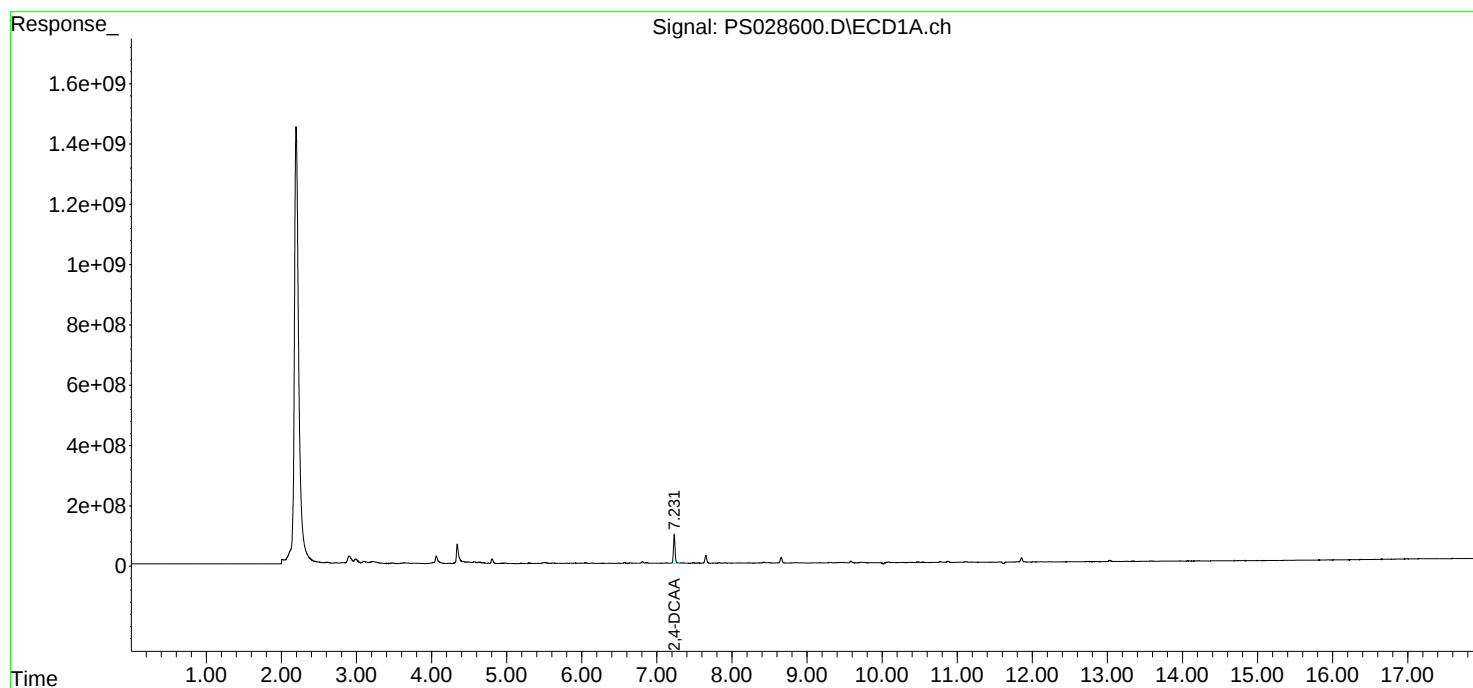
APPROVED

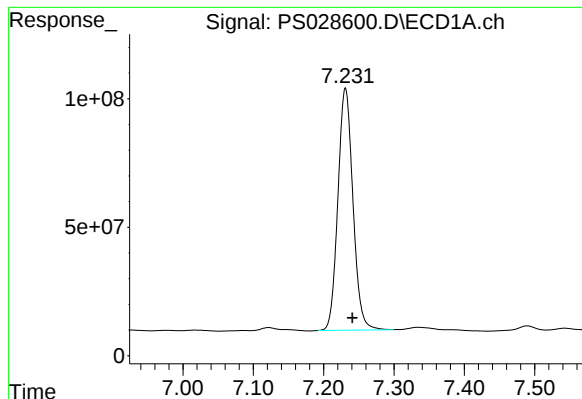
Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:01:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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.: 7.231 min
Delta R.T.: -0.010 min
Response: 1397969975
Conc: 546.96 ng/ml

Instrument :

ECD_S

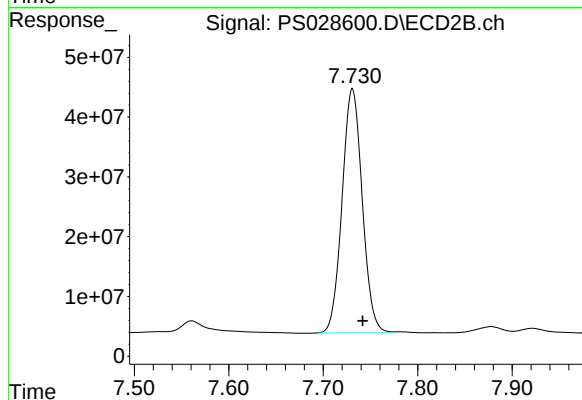
ClientSampleId :

WB-310-BOT

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024



#4 2,4-DCAA

R.T.: 7.730 min
Delta R.T.: -0.011 min
Response: 605316166
Conc: 468.40 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
 Data File : PS028599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 12:01
 Operator : AR\AJ
 Sample : PB165060TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB165060TB

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 21:00:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 2024
 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	7.231	7.731	853.8E6	372.2E6	334.055m	288.018m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 12:01
Operator : AR\AJ
Sample : PB165060TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

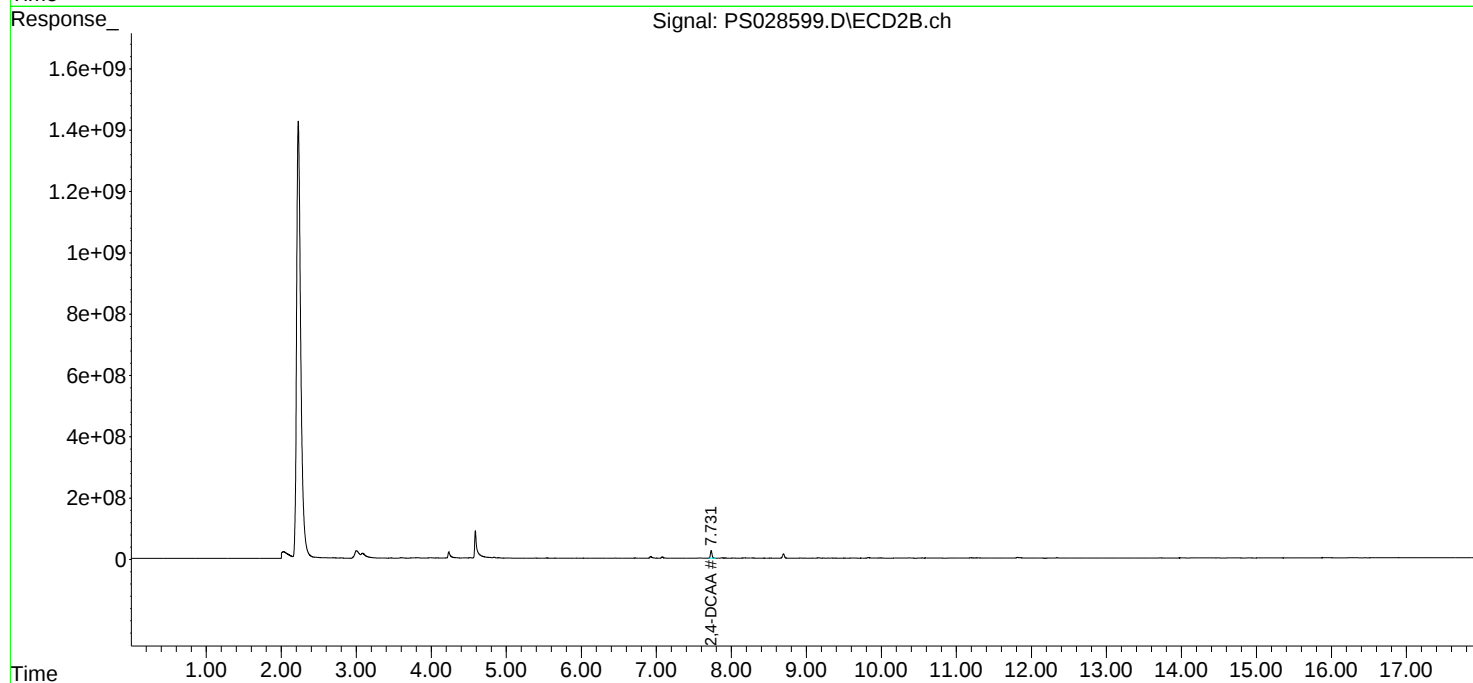
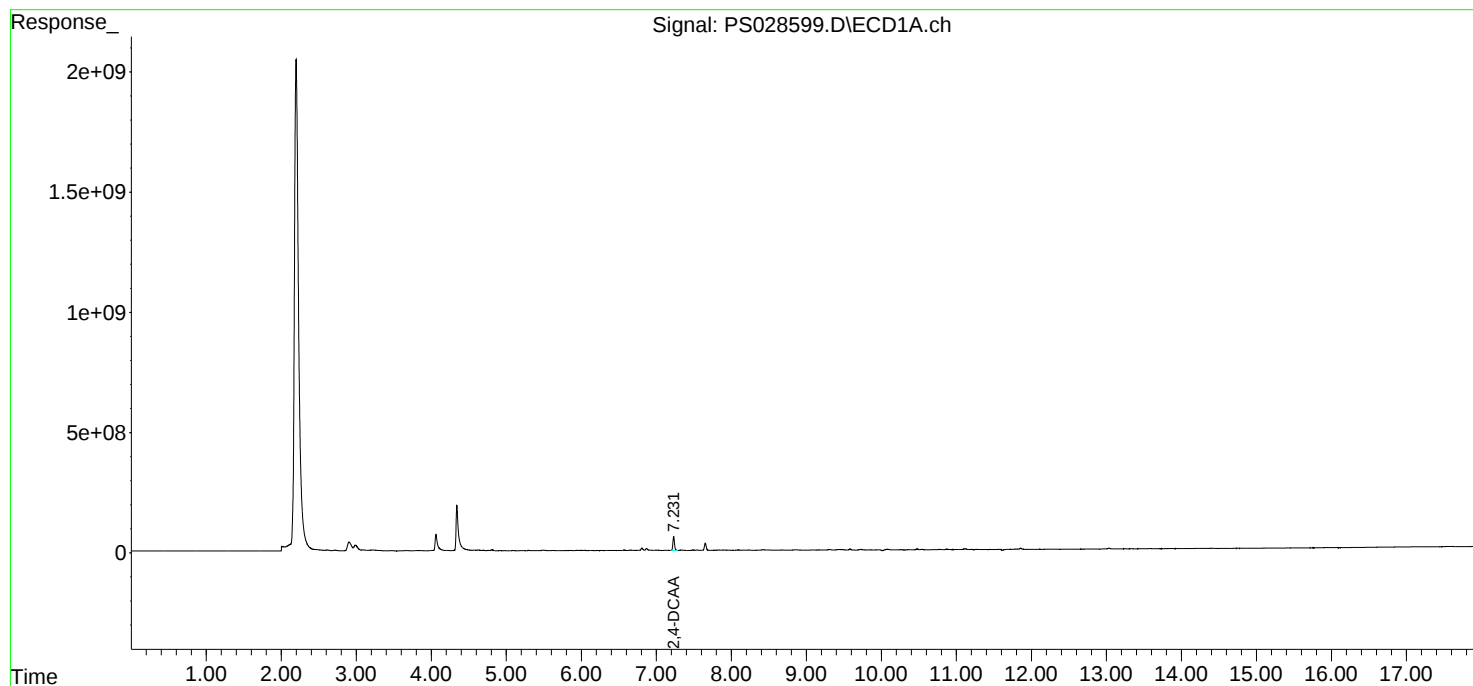
Instrument :
ECD_S
ClientSampleId :
PB165060TB

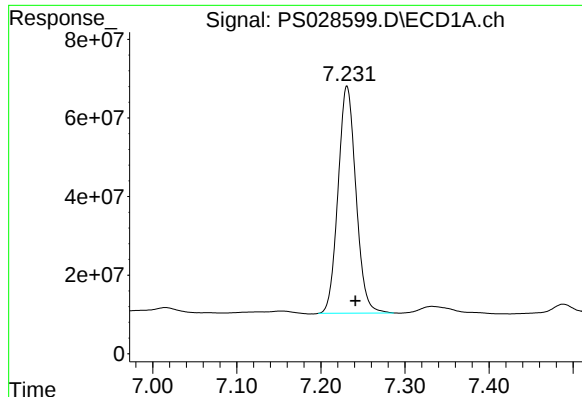
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:00:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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.: 7.231 min
Delta R.T.: -0.010 min
Response: 853805208
Conc: 334.06 ng/ml

Instrument :

ECD_S

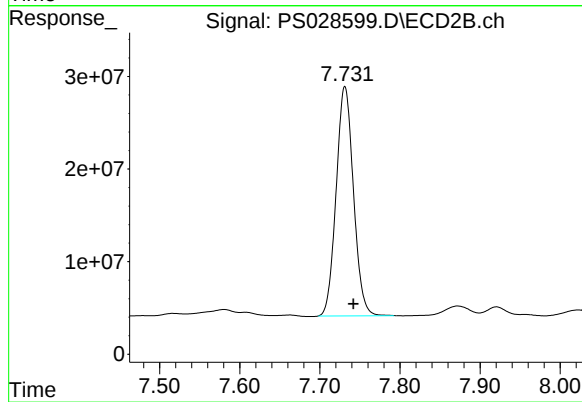
ClientSampleId :

PB165060TB

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024



#4 2,4-DCAA

R.T.: 7.731 min
Delta R.T.: -0.011 min
Response: 372206641
Conc: 288.02 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
 Data File : PS028597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 11:13
 Operator : AR\AJ
 Sample : PB165193BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB165193BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:58:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 2024
 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	7.231	7.732	1578.0E6	700.5E6	617.408m	542.080m
------	----------	-------	-------	----------	---------	----------	----------

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 11:13
Operator : AR\AJ
Sample : PB165193BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

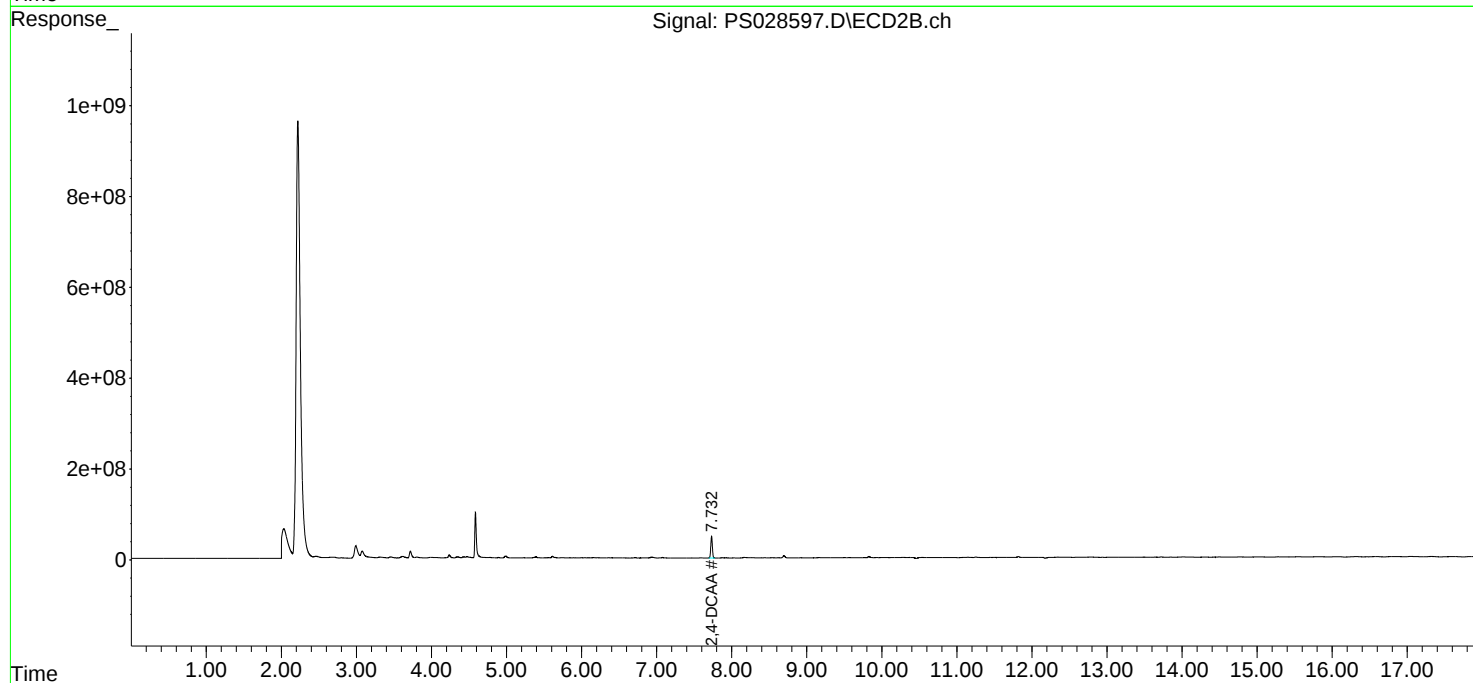
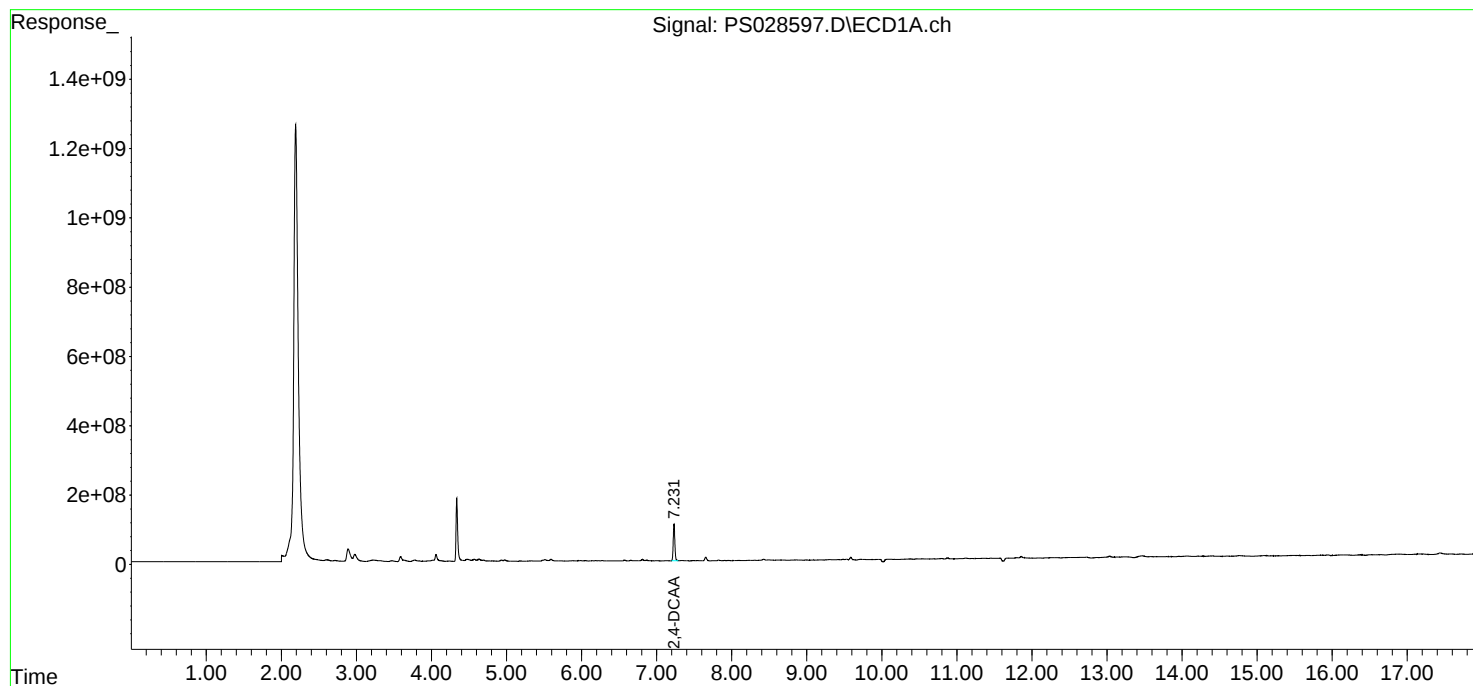
Instrument :
ECD_S
ClientSampleId :
PB165193BL

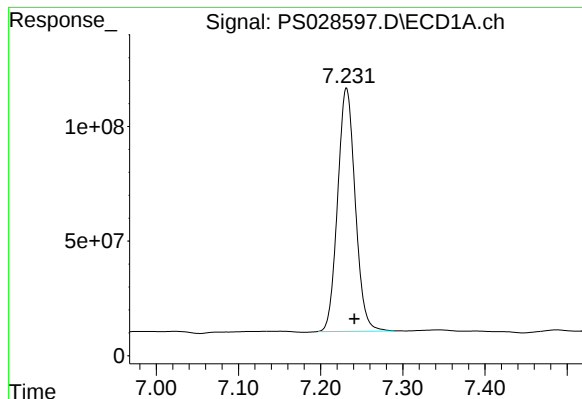
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 20:58:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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.: 7.231 min
Delta R.T.: -0.010 min
Response: 1578022277
Conc: 617.41 ng/ml

Instrument :

ECD_S

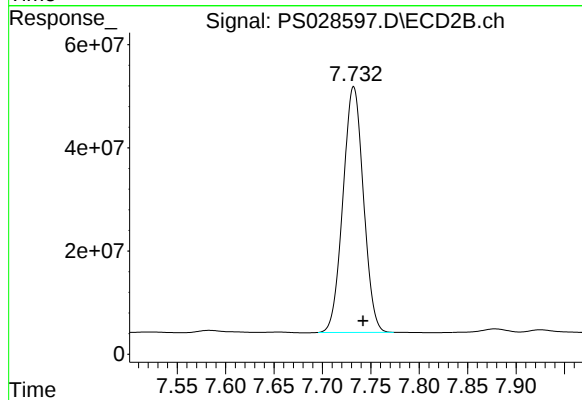
ClientSampleId :

PB165193BL

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024
Supervised By :Ankita Jodhani 11/25/2024



#4 2,4-DCAA

R.T.: 7.732 min
Delta R.T.: -0.010 min
Response: 700532775
Conc: 542.08 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
 Data File : PS028598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 11:37
 Operator : AR\AJ
 Sample : PB165193BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB165193BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:59:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 2024
 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	7.231	7.732	1560.3E6	694.2E6	610.491m	537.214
Target Compounds							
1) T	Dalapon	2.635	2.698	1204.5E6	963.0E6	358.539	397.949
2) T	3,5-DICHL...	6.404	6.688	2186.9E6	957.7E6	586.105	495.593
3) T	4-Nitroph...	7.030	7.258	785.0E6	392.9E6	462.177	455.026m
5) T	DICAMBA	7.419	7.932	5996.1E6	2917.9E6	547.994	511.548
6) T	MCPD	7.599	8.033	378.3E6	210.0E6	53.780	48.820
7) T	MCPA	7.749	8.277	527.3E6	296.6E6	51.674	47.896
8) T	DICHLORPROP	8.126	8.648	1657.8E6	752.6E6	561.717	515.306
9) T	2,4-D	8.356	8.978	2002.6E6	898.5E6	626.416	573.921
10) T	Pentachlo...	8.656	9.506	26523.5E6	11536.8E6	635.506	575.536
11) T	2,4,5-TP ...	9.235	9.882	10581.7E6	4904.5E6	609.168m	581.223
12) T	2,4,5-T	9.527	10.303	10240.0E6	4452.8E6	576.105	531.213
13) T	2,4-DB	10.103	10.869	1506.5E6	534.7E6	552.736	510.358
14) T	DINOSEB	11.314	11.249	6208.3E6	2111.2E6	435.434	381.884
15) T	Picloram	11.121	12.342	12639.0E6	4664.5E6	448.833	412.092
16) T	DCPA	11.606	12.292	11307.2E6	5402.7E6	429.715	557.069 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 11:37
Operator : AR\AJ
Sample : PB165193BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

Client Sample ID :

PB165193BS

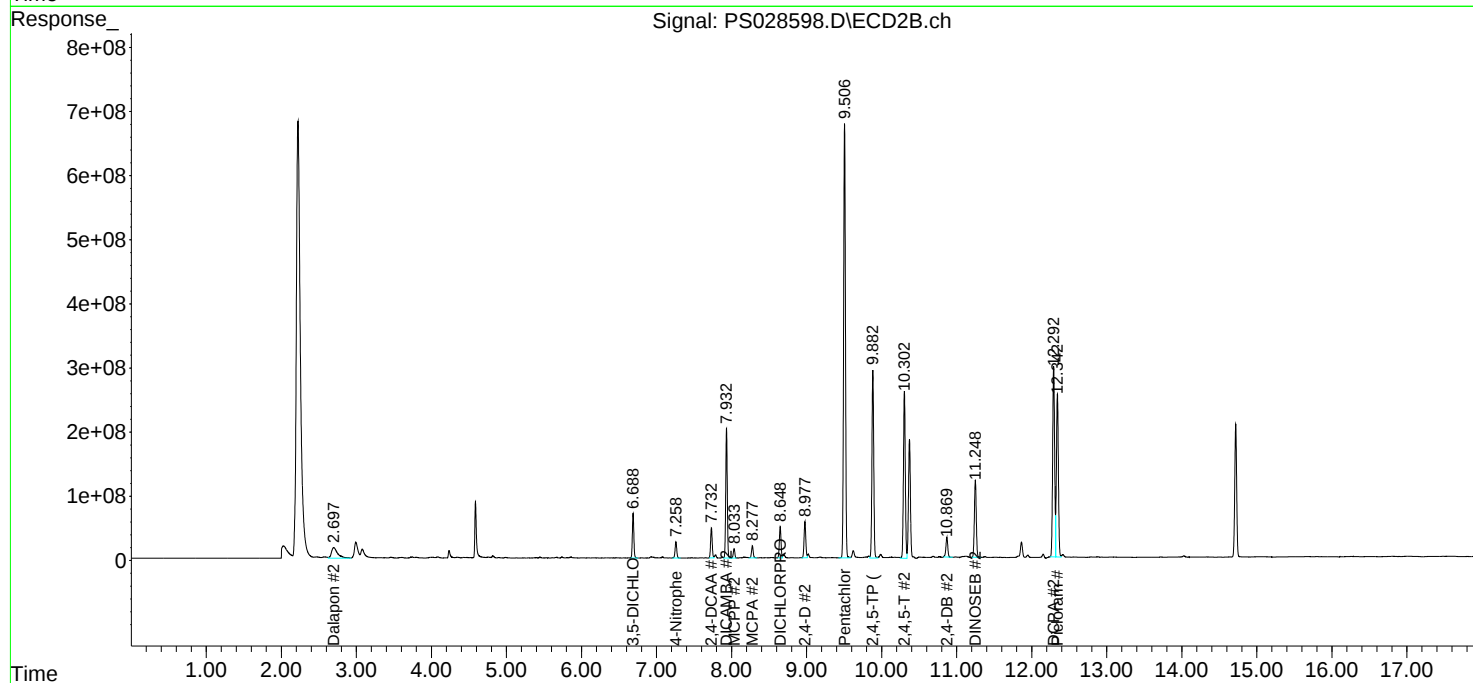
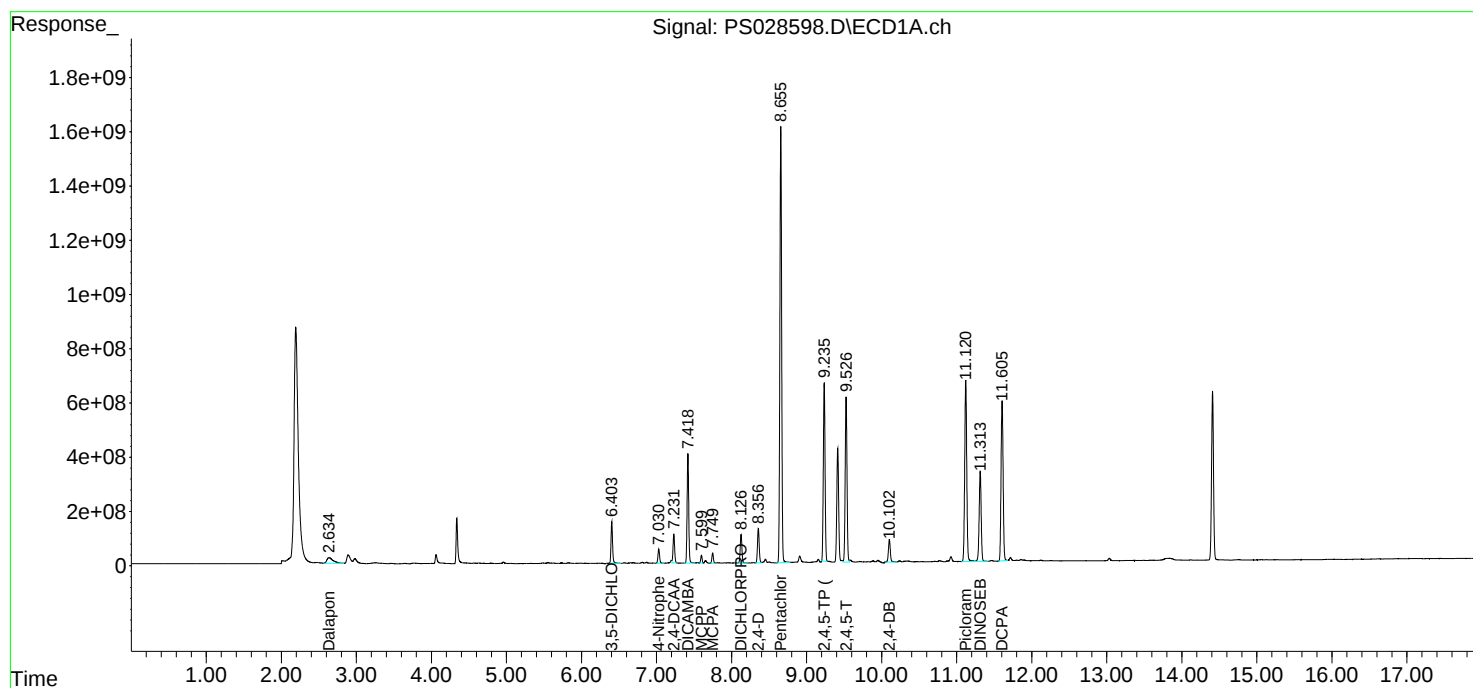
Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 11/25/2024
Supervised By : Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 20:59:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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\PS112224\
 Data File : PS028601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 12:49
 Operator : AR\AJ
 Sample : P4892-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WB-310-BOTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 21:02:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 2024
 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	7.231	7.731	1409.4E6	614.6E6	551.434m	475.609m
Target Compounds							
1) T	Dalapon	2.636	2.699	1230.3E6	1050.6E6	366.226m	434.139m
2) T	3,5-DICHL...	6.404	6.687	2030.5E6	925.1E6	544.183	478.738
3) T	4-Nitroph...	7.031	7.259	26214172	12270943	15.434	14.212m
5) T	DICAMBA	7.418	7.931	5736.2E6	2857.6E6	524.238m	500.980
6) T	MCPD	7.599	8.033	333.4E6	206.7E6	47.400m	48.053
7) T	MCPA	7.749	8.276	513.1E6	314.5E6	50.279	50.775
8) T	DICHLORPROP	8.126	8.647	1603.0E6	736.5E6	543.130	504.254
9) T	2,4-D	8.356	8.977	1995.5E6	892.4E6	624.178	570.026
10) T	Pentachlo...	8.656	9.505	23144.4E6	10127.0E6	554.543	505.203
11) T	2,4,5-TP ...	9.234	9.882	10323.3E6	5219.9E6	594.292	618.597
12) T	2,4,5-T	9.527	10.302	10139.0E6	4464.3E6	570.424	532.580
13) T	2,4-DB	10.102	10.868	1331.2E6	474.9E6	488.389	453.233
14) T	DINOSEB	11.313	11.248	4921.6E6	1671.0E6	345.188	302.249
15) T	Picloram	11.120	12.341	13449.7E6	5053.2E6	477.621	446.434
16) T	DCPA	11.605	12.291	12185.8E6	5388.1E6	463.104	555.561

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 12:49
Operator : AR\AJ
Sample : P4892-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WB-310-BOTMS

Manual Integrations

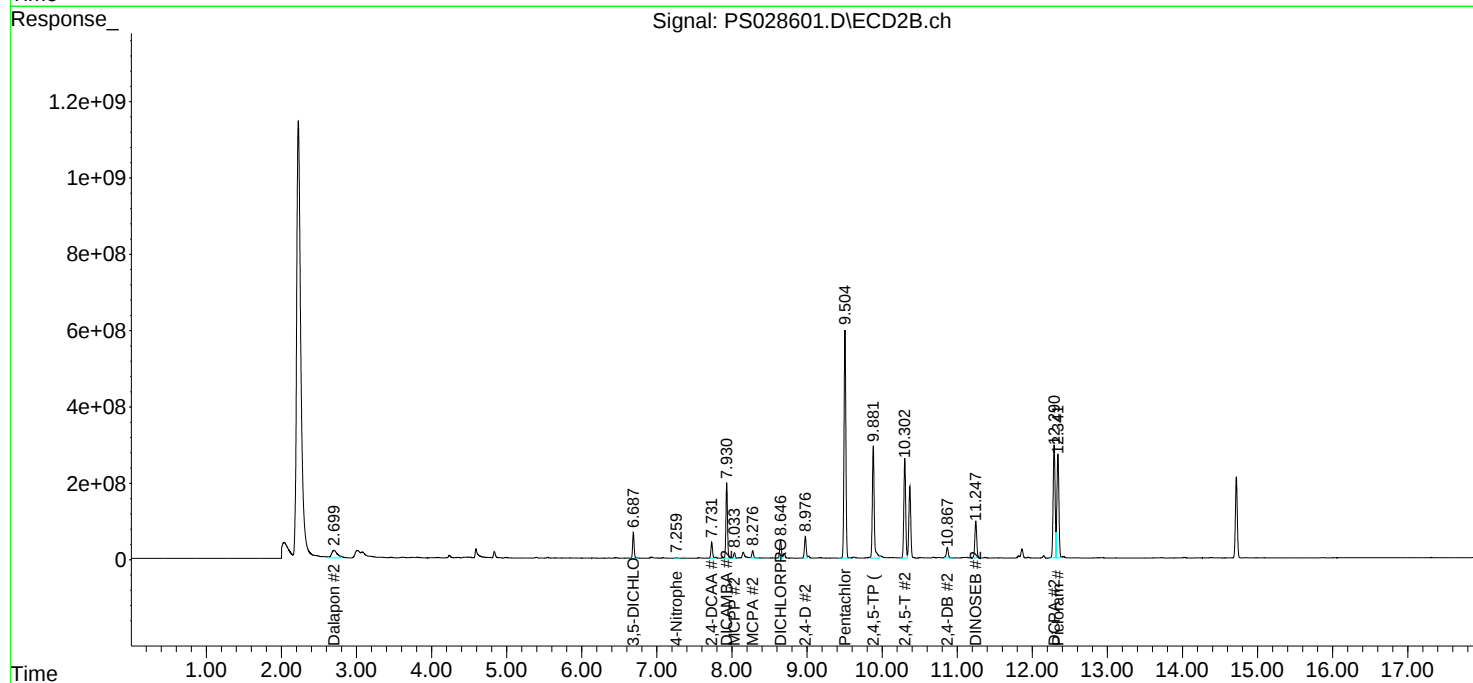
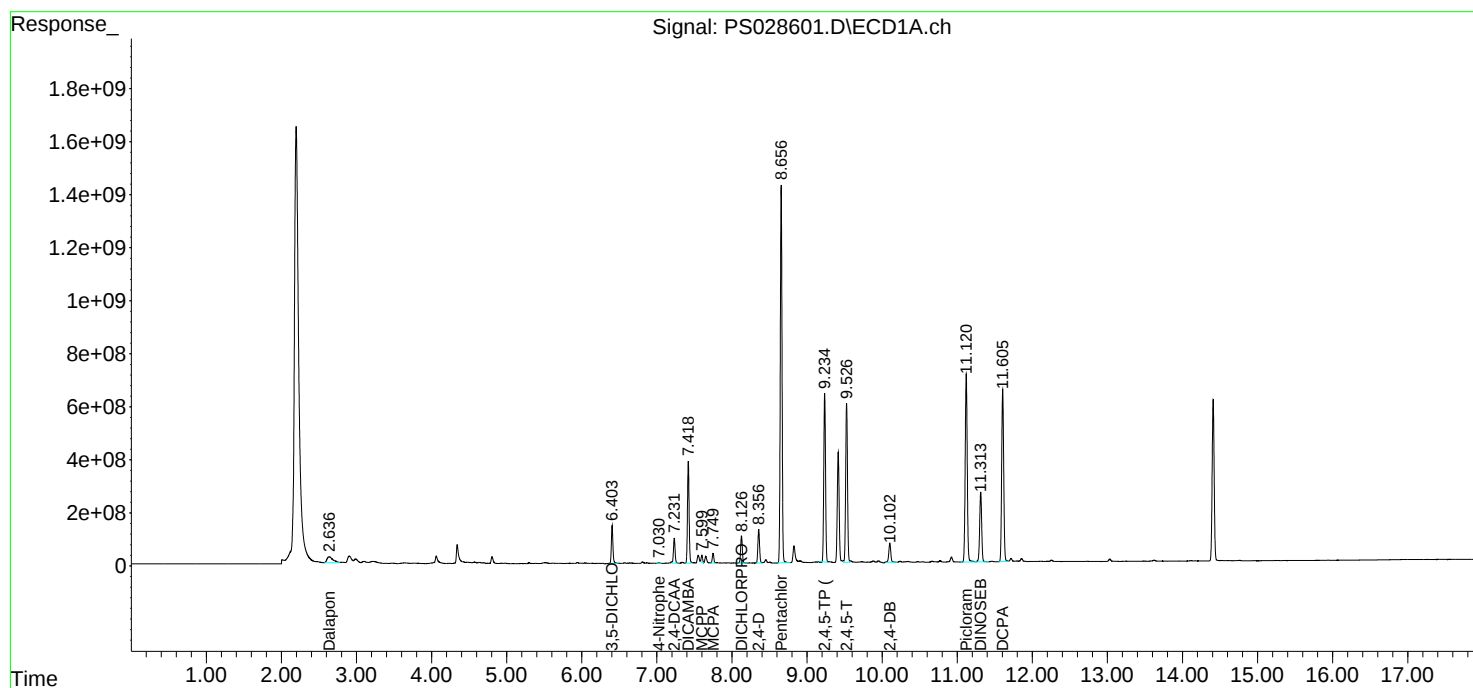
APPROVED

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:02:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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\PS112224\
 Data File : PS028602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2024 13:13
 Operator : AR\AJ
 Sample : P4892-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WB-310-BOTMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 21:03:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
 Quant Title : 8080.M
 QLast Update : Wed Nov 13 13:41:03 2024
 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	7.231	7.731	1417.8E6	607.4E6	554.721m	470.031
Target Compounds							
1) T	Dalapon	2.637	2.698	1180.3E6	945.8E6	351.332	390.822m
2) T	3,5-DICHL...	6.404	6.687	2031.6E6	929.2E6	544.474	480.871
3) T	4-Nitroph...	7.031	7.260	25982294	11992137	15.298	13.890m
5) T	DICAMBA	7.419	7.931	5753.3E6	2873.2E6	525.805	503.716
6) T	MCPD	7.600	8.033	332.7E6	207.8E6	47.298m	48.313
7) T	MCPA	7.749	8.277	516.3E6	318.3E6	50.591	51.386
8) T	DICHLORPROP	8.126	8.646	1604.0E6	738.1E6	543.494	505.356
9) T	2,4-D	8.357	8.977	1999.0E6	897.5E6	625.287	573.284
10) T	Pentachlo...	8.656	9.505	23238.6E6	10173.9E6	556.799	507.543
11) T	2,4,5-TP ...	9.234	9.882	10430.0E6	5490.4E6	600.435m	650.656
12) T	2,4,5-T	9.527	10.301	10170.4E6	4482.0E6	572.190	534.696
13) T	2,4-DB	10.102	10.867	1328.5E6	498.6E6	487.425	475.913m
14) T	DINOSEB	11.313	11.247	4904.4E6	1675.6E6	343.981	303.092
15) T	Picloram	11.120	12.341	13374.3E6	5037.2E6	474.942	445.024
16) T	DCPA	11.604	12.291	12311.4E6	5423.0E6	467.877	559.163

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112224\
Data File : PS028602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2024 13:13
Operator : AR\AJ
Sample : P4892-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WB-310-BOTMSD

Manual Integrations

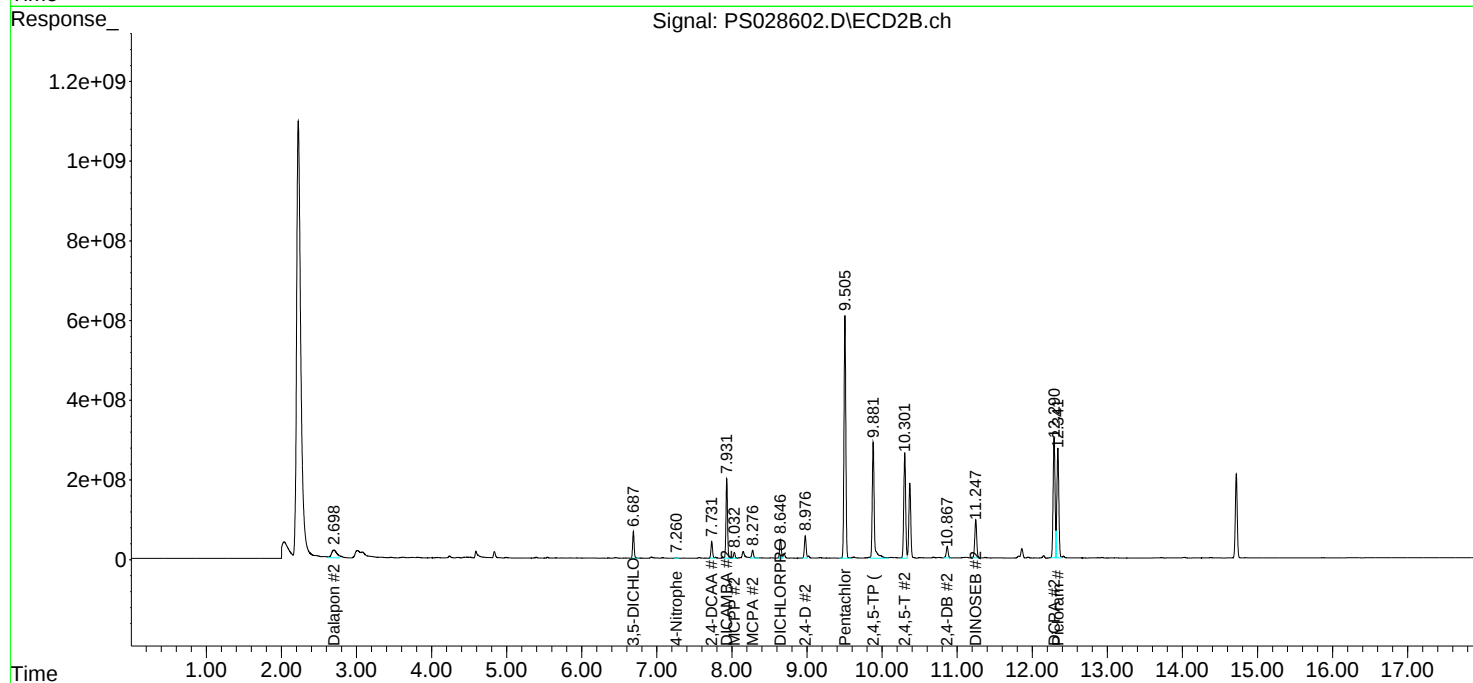
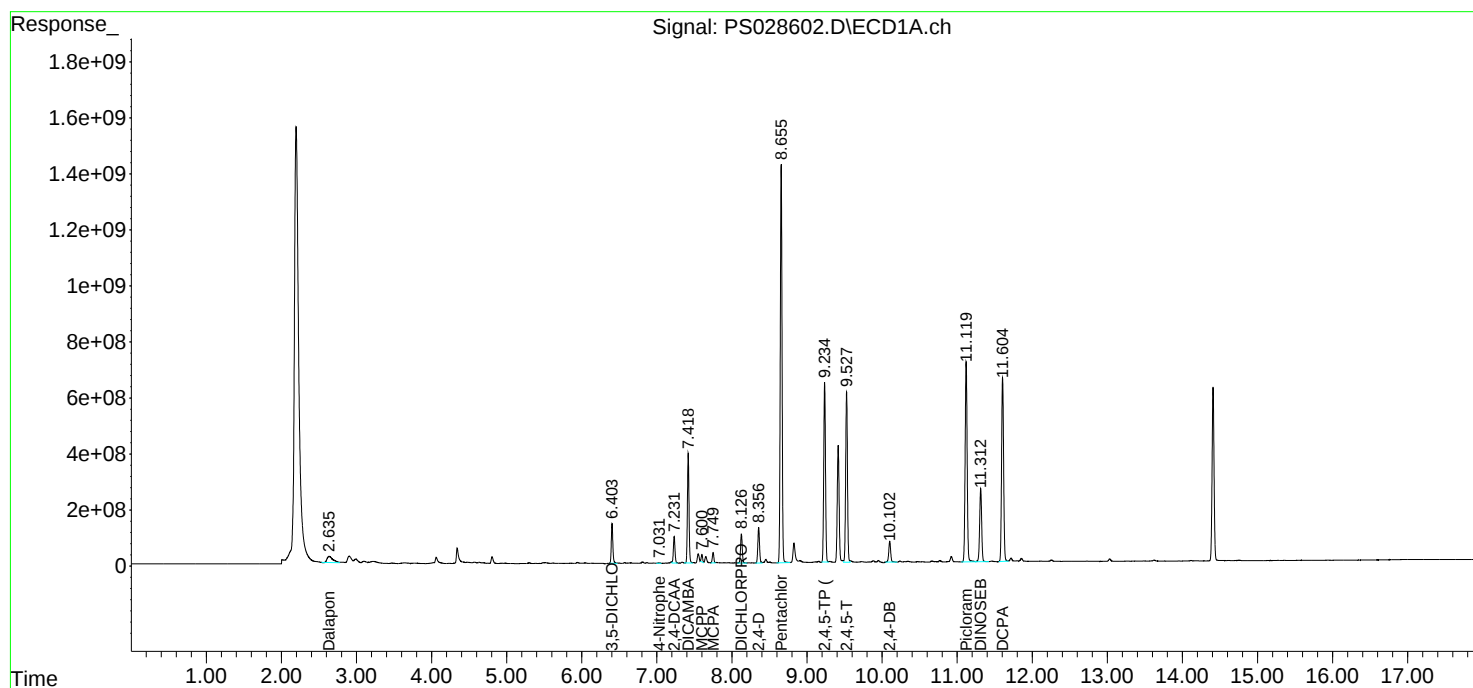
APPROVED

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 21:03:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS111324.M
Quant Title : 8080.M
QLast Update : Wed Nov 13 13:41:03 2024
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:

PS111324

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS028528.D	2,4-DCAA	yogesh	11/14/2024 8:46:06 AM	Ankita	11/14/2024 11:10:19	Peak Integrated by Software

Manual Integration Report

Sequence:	PS112224	Instrument	ECD_s
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PS028595.D	2,4-DCAA	yogesh	11/25/2024 8:55:43 AM	Ankita	11/25/2024 10:08:02	Peak Integrated by Software
I.BLK	PS028595.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:43 AM	Ankita	11/25/2024 10:08:02	Peak Integrated by Software
HSTDCCC750	PS028596.D	2,4,5-TP (SILVEX)	yogesh	11/25/2024 8:55:46 AM	Ankita	11/25/2024 10:08:04	Peak Integrated by Software
HSTDCCC750	PS028596.D	2,4-DCAA	yogesh	11/25/2024 8:55:46 AM	Ankita	11/25/2024 10:08:04	Peak Integrated by Software
HSTDCCC750	PS028596.D	MCPA #2	yogesh	11/25/2024 8:55:46 AM	Ankita	11/25/2024 10:08:04	Peak Integrated by Software
HSTDCCC750	PS028596.D	MCPP #2	yogesh	11/25/2024 8:55:46 AM	Ankita	11/25/2024 10:08:04	Peak Integrated by Software
PB165193BL	PS028597.D	2,4-DCAA	yogesh	11/25/2024 8:55:47 AM	Ankita	11/25/2024 10:08:06	Peak Integrated by Software
PB165193BL	PS028597.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:47 AM	Ankita	11/25/2024 10:08:06	Peak Integrated by Software
PB165193BS	PS028598.D	2,4,5-TP (SILVEX)	yogesh	11/25/2024 8:55:50 AM	Ankita	11/25/2024 10:08:09	Peak Integrated by Software
PB165193BS	PS028598.D	2,4-DCAA	yogesh	11/25/2024 8:55:50 AM	Ankita	11/25/2024 10:08:09	Peak Integrated by Software
PB165193BS	PS028598.D	4-Nitrophenol #2	yogesh	11/25/2024 8:55:50 AM	Ankita	11/25/2024 10:08:09	Peak Integrated by Software
PB165060TB	PS028599.D	2,4-DCAA	yogesh	11/25/2024 8:55:52 AM	Ankita	11/25/2024 10:08:12	Peak Integrated by Software
PB165060TB	PS028599.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:52 AM	Ankita	11/25/2024 10:08:12	Peak Integrated by Software

Manual Integration Report

Sequence:	PS112224	Instrument	ECD_s
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4892-03	PS028600.D	2,4-DCAA	yogesh	11/25/2024 8:55:53 AM	Ankita	11/25/2024 10:08:14	Peak Integrated by Software
P4892-03	PS028600.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:53 AM	Ankita	11/25/2024 10:08:14	Peak Integrated by Software
P4892-03MS	PS028601.D	2,4-DCAA	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	4-Nitrophenol #2	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	Dalapon	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	Dalapon #2	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	DICAMBA	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MS	PS028601.D	MCPD	yogesh	11/25/2024 8:55:55 AM	Ankita	11/25/2024 10:08:16	Peak Integrated by Software
P4892-03MSD	PS028602.D	2,4,5-TP (SILVEX)	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software
P4892-03MSD	PS028602.D	2,4-DB #2	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software
P4892-03MSD	PS028602.D	2,4-DCAA	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software
P4892-03MSD	PS028602.D	4-Nitrophenol #2	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PS112224	Instrument	ECD_s
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4892-03MSD	PS028602.D	Dalapon #2	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software
P4892-03MSD	PS028602.D	MCPP	yogesh	11/25/2024 8:55:57 AM	Ankita	11/25/2024 10:08:18	Peak Integrated by Software
I.BLK	PS028603.D	2,4-DCAA	yogesh	11/25/2024 8:55:59 AM	Ankita	11/25/2024 10:08:21	Peak Integrated by Software
I.BLK	PS028603.D	2,4-DCAA #2	yogesh	11/25/2024 8:55:59 AM	Ankita	11/25/2024 10:08:21	Peak Integrated by Software
HSTDCCC750	PS028604.D	2,4,5-TP (SILVEX)	yogesh	11/25/2024 8:56:00 AM	Ankita	11/25/2024 10:08:23	Peak Integrated by Software
HSTDCCC750	PS028604.D	2,4-DCAA	yogesh	11/25/2024 8:56:00 AM	Ankita	11/25/2024 10:08:23	Peak Integrated by Software
HSTDCCC750	PS028604.D	DICHLORPROP	yogesh	11/25/2024 8:56:00 AM	Ankita	11/25/2024 10:08:23	Peak Integrated by Software
I.BLK	PS028610.D	2,4-DCAA	yogesh	11/25/2024 8:56:09 AM	Ankita	11/25/2024 10:08:37	Peak Integrated by Software
I.BLK	PS028610.D	2,4-DCAA #2	yogesh	11/25/2024 8:56:09 AM	Ankita	11/25/2024 10:08:37	Peak Integrated by Software
HSTDCCC750	PS028611.D	2,4,5-TP (SILVEX)	yogesh	11/25/2024 8:56:11 AM	Ankita	11/25/2024 10:08:39	Peak Integrated by Software
HSTDCCC750	PS028611.D	2,4-DCAA	yogesh	11/25/2024 8:56:11 AM	Ankita	11/25/2024 10:08:39	Peak Integrated by Software
HSTDCCC750	PS028611.D	DICHLORPROP	yogesh	11/25/2024 8:56:11 AM	Ankita	11/25/2024 10:08:39	Peak Integrated by Software



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

Manual Integration Report

Sequence:	PS112224	Instrument	ECD_s
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
-----------	---------	-----------	-----------	-----------	---------------	---------------	--------

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23462 PP23469		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS028484.D	13 Nov 2024 08:41	AR\AJ	Ok
2	I.BLK	PS028485.D	13 Nov 2024 09:06	AR\AJ	Not Ok
3	HSTDCCC750	PS028486.D	13 Nov 2024 10:56	AR\AJ	Not Ok
4	I.BLK	PS028487.D	13 Nov 2024 11:20	AR\AJ	Ok
5	HSTDICC200	PS028488.D	13 Nov 2024 11:44	AR\AJ	Ok
6	HSTDICC500	PS028489.D	13 Nov 2024 12:09	AR\AJ	Ok
7	HSTDICC750	PS028490.D	13 Nov 2024 12:34	AR\AJ	Ok
8	HSTDICC1000	PS028491.D	13 Nov 2024 12:58	AR\AJ	Ok
9	HSTDICC1500	PS028492.D	13 Nov 2024 13:23	AR\AJ	Ok
10	HSTDICV750	PS028493.D	13 Nov 2024 13:48	AR\AJ	Ok
11	I.BLK	PS028494.D	13 Nov 2024 14:12	AR\AJ	Ok
12	HSTDCCC750	PS028495.D	13 Nov 2024 14:37	AR\AJ	Ok
13	P4793-01	PS028496.D	13 Nov 2024 15:02	AR\AJ	Ok,M
14	P4795-01	PS028497.D	13 Nov 2024 15:26	AR\AJ	Ok,M
15	PB164863BL	PS028498.D	13 Nov 2024 15:51	AR\AJ	Ok
16	PB164863BS	PS028499.D	13 Nov 2024 16:15	AR\AJ	Ok
17	P4756-01	PS028500.D	13 Nov 2024 16:40	AR\AJ	Ok,M
18	P4756-01MS	PS028501.D	13 Nov 2024 17:05	AR\AJ	Ok,M
19	P4756-01MSD	PS028502.D	13 Nov 2024 17:29	AR\AJ	Ok,M
20	P4798-01	PS028503.D	13 Nov 2024 17:54	AR\AJ	Ok,M
21	P4807-01	PS028504.D	13 Nov 2024 18:18	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM	PP23462		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23469		

22	P4807-05	PS028505.D	13 Nov 2024 18:42	AR\AJ	Ok
23	I.BLK	PS028506.D	13 Nov 2024 19:07	AR\AJ	Ok
24	HSTDCCC750	PS028507.D	13 Nov 2024 19:32	AR\AJ	Ok
25	P4807-09	PS028508.D	13 Nov 2024 19:56	AR\AJ	Ok
26	P4807-13	PS028509.D	13 Nov 2024 20:21	AR\AJ	Ok
27	P4809-01	PS028510.D	13 Nov 2024 20:45	AR\AJ	Ok,M
28	PB164946BL	PS028511.D	13 Nov 2024 21:10	AR\AJ	Ok
29	PB164946BS	PS028512.D	13 Nov 2024 21:35	AR\AJ	Ok,M
30	P4788-01MS	PS028513.D	13 Nov 2024 21:59	AR\AJ	Ok,M
31	P4788-01MSD	PS028514.D	13 Nov 2024 22:24	AR\AJ	Ok,M
32	I.BLK	PS028515.D	13 Nov 2024 22:48	AR\AJ	Ok
33	HSTDCCC750	PS028516.D	13 Nov 2024 23:13	AR\AJ	Ok
34	PB164959BL	PS028517.D	13 Nov 2024 23:37	AR\AJ	Ok
35	PB164959BS	PS028518.D	14 Nov 2024 00:02	AR\AJ	Ok
36	PB164880TB	PS028519.D	14 Nov 2024 00:26	AR\AJ	Ok
37	P4799-03	PS028520.D	14 Nov 2024 00:51	AR\AJ	Ok
38	P4799-03MS	PS028521.D	14 Nov 2024 01:15	AR\AJ	Ok,M
39	P4799-03MSD	PS028522.D	14 Nov 2024 01:40	AR\AJ	Ok,M
40	P4799-07	PS028523.D	14 Nov 2024 02:05	AR\AJ	Ok
41	P4799-11	PS028524.D	14 Nov 2024 02:29	AR\AJ	Not Ok
42	P4799-15	PS028525.D	14 Nov 2024 02:54	AR\AJ	Ok
43	P4799-19	PS028526.D	14 Nov 2024 03:18	AR\AJ	Ok
44	I.BLK	PS028527.D	14 Nov 2024 03:43	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM	PP23462		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23469		

45	HSTDCCC750	PS028528.D	14 Nov 2024 04:08	AR\AJ	Ok,M
----	------------	------------	-------------------	-------	------

M : Manual Integration

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS112224

Review By	yogesh	Review On	11/25/2024 8:56:24 AM
Supervise By	Ankita	Supervise On	11/25/2024 10:09:11 AM
SubDirectory	PS112224	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM	PP23462		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23469		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS028594.D	22 Nov 2024 09:13	AR\AJ	Ok
2	I.BLK	PS028595.D	22 Nov 2024 09:37	AR\AJ	Ok,M
3	HSTDCCC750	PS028596.D	22 Nov 2024 10:25	AR\AJ	Ok,M
4	PB165193BL	PS028597.D	22 Nov 2024 11:13	AR\AJ	Ok,M
5	PB165193BS	PS028598.D	22 Nov 2024 11:37	AR\AJ	Ok,M
6	PB165060TB	PS028599.D	22 Nov 2024 12:01	AR\AJ	Ok,M
7	P4892-03	PS028600.D	22 Nov 2024 12:25	AR\AJ	Ok,M
8	P4892-03MS	PS028601.D	22 Nov 2024 12:49	AR\AJ	Ok,M
9	P4892-03MSD	PS028602.D	22 Nov 2024 13:13	AR\AJ	Ok,M
10	I.BLK	PS028603.D	22 Nov 2024 13:37	AR\AJ	Ok,M
11	HSTDCCC750	PS028604.D	22 Nov 2024 14:25	AR\AJ	Ok,M
12	P4495-17	PS028605.D	22 Nov 2024 16:26	AR\AJ	Not Ok
13	PB165201BL	PS028606.D	22 Nov 2024 16:50	AR\AJ	Ok,M
14	PB165201BS	PS028607.D	22 Nov 2024 17:14	AR\AJ	Ok,M
15	PB165201BSD	PS028608.D	22 Nov 2024 17:38	AR\AJ	Ok,M
16	P4947-01	PS028609.D	22 Nov 2024 18:02	AR\AJ	Ok,M
17	I.BLK	PS028610.D	22 Nov 2024 18:26	AR\AJ	Ok,M
18	HSTDCCC750	PS028611.D	22 Nov 2024 18:50	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462
CCC	PP23462
Internal Standard/PEM	
ICV/I.BLK	PP23469
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS028484.D	13 Nov 2024 08:41		AR\AJ	Ok
2	I.BLK	I.BLK	PS028485.D	13 Nov 2024 09:06	Need ICAL	AR\AJ	Not Ok
3	HSTDCCC750	HSTDCCC750	PS028486.D	13 Nov 2024 10:56	Need ICAL	AR\AJ	Not Ok
4	I.BLK	I.BLK	PS028487.D	13 Nov 2024 11:20		AR\AJ	Ok
5	HSTDICC200	HSTDICC200	PS028488.D	13 Nov 2024 11:44		AR\AJ	Ok
6	HSTDICC500	HSTDICC500	PS028489.D	13 Nov 2024 12:09		AR\AJ	Ok
7	HSTDICC750	HSTDICC750	PS028490.D	13 Nov 2024 12:34		AR\AJ	Ok
8	HSTDICC1000	HSTDICC1000	PS028491.D	13 Nov 2024 12:58		AR\AJ	Ok
9	HSTDICC1500	HSTDICC1500	PS028492.D	13 Nov 2024 13:23		AR\AJ	Ok
10	HSTDICV750	ICVPS111324	PS028493.D	13 Nov 2024 13:48		AR\AJ	Ok
11	I.BLK	I.BLK	PS028494.D	13 Nov 2024 14:12		AR\AJ	Ok
12	HSTDCCC750	HSTDCCC750	PS028495.D	13 Nov 2024 14:37		AR\AJ	Ok
13	P4793-01	M00-24-00345	PS028496.D	13 Nov 2024 15:02		AR\AJ	Ok,M
14	P4795-01	LAW-23-00189	PS028497.D	13 Nov 2024 15:26		AR\AJ	Ok,M
15	PB164863BL	PB164863BL	PS028498.D	13 Nov 2024 15:51		AR\AJ	Ok
16	PB164863BS	PB164863BS	PS028499.D	13 Nov 2024 16:15		AR\AJ	Ok
17	P4756-01	BP-B4	PS028500.D	13 Nov 2024 16:40		AR\AJ	Ok,M
18	P4756-01MS	BP-B4MS	PS028501.D	13 Nov 2024 17:05	Some compound recovery fail	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC	PP23462		
Internal Standard/PEM			
ICV/I.BLK	PP23469		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4756-01MSD	BP-B4MSD	PS028502.D	13 Nov 2024 17:29	some compound recovery fail	AR\AJ	Ok,M
20	P4798-01	MH-6	PS028503.D	13 Nov 2024 17:54		AR\AJ	Ok,M
21	P4807-01	TP-7	PS028504.D	13 Nov 2024 18:18		AR\AJ	Ok
22	P4807-05	BF-F14	PS028505.D	13 Nov 2024 18:42		AR\AJ	Ok
23	I.BLK	I.BLK	PS028506.D	13 Nov 2024 19:07		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS028507.D	13 Nov 2024 19:32		AR\AJ	Ok
25	P4807-09	BF-F13	PS028508.D	13 Nov 2024 19:56		AR\AJ	Ok
26	P4807-13	TP-6	PS028509.D	13 Nov 2024 20:21		AR\AJ	Ok
27	P4809-01	MH-5	PS028510.D	13 Nov 2024 20:45		AR\AJ	Ok,M
28	PB164946BL	PB164946BL	PS028511.D	13 Nov 2024 21:10		AR\AJ	Ok
29	PB164946BS	PB164946BS	PS028512.D	13 Nov 2024 21:35		AR\AJ	Ok,M
30	P4788-01MS	BP-G3MS	PS028513.D	13 Nov 2024 21:59	Some compound recovery fail	AR\AJ	Ok,M
31	P4788-01MSD	BP-G3MSD	PS028514.D	13 Nov 2024 22:24	Some compound recovery fail	AR\AJ	Ok,M
32	I.BLK	I.BLK	PS028515.D	13 Nov 2024 22:48		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS028516.D	13 Nov 2024 23:13		AR\AJ	Ok
34	PB164959BL	PB164959BL	PS028517.D	13 Nov 2024 23:37		AR\AJ	Ok
35	PB164959BS	PB164959BS	PS028518.D	14 Nov 2024 00:02	Recovery Fail in DINOSEB-I	AR\AJ	Ok
36	PB164880TB	PB164880TB	PS028519.D	14 Nov 2024 00:26		AR\AJ	Ok
37	P4799-03	WC-TA2-02-C	PS028520.D	14 Nov 2024 00:51		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS111324

Review By	yogesh	Review On	11/14/2024 8:46:40 AM
Supervise By	Ankita	Supervise On	11/14/2024 11:10:35 AM
SubDirectory	PS111324	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM	PP23462		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23469		

38	P4799-03MS	WC-TA2-02-CMS	PS028521.D	14 Nov 2024 01:15	Some compound recovery fail	AR\AJ	Ok,M
39	P4799-03MSD	WC-TA2-02-CMSD	PS028522.D	14 Nov 2024 01:40	Some compound recovery fail	AR\AJ	Ok,M
40	P4799-07	WC-TA2-03-C	PS028523.D	14 Nov 2024 02:05		AR\AJ	Ok
41	P4799-11	WC-TA1-01-C	PS028524.D	14 Nov 2024 02:29	will be reanalyzed for confirmation	AR\AJ	Not Ok
42	P4799-15	WC-TA1-02-C	PS028525.D	14 Nov 2024 02:54		AR\AJ	Ok
43	P4799-19	WC-TA1-03-C	PS028526.D	14 Nov 2024 03:18		AR\AJ	Ok
44	I.BLK	I.BLK	PS028527.D	14 Nov 2024 03:43		AR\AJ	Ok
45	HSTDCCC750	HSTDCCC750	PS028528.D	14 Nov 2024 04:08		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS112224

Review By	yogesh	Review On	11/25/2024 8:56:24 AM
Supervise By	Ankita	Supervise On	11/25/2024 10:09:11 AM
SubDirectory	PS112224	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC	PP23462		
Internal Standard/PEM			
ICV/I.BLK	PP23469		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS028594.D	22 Nov 2024 09:13		AR\AJ	Ok
2	I.BLK	I.BLK	PS028595.D	22 Nov 2024 09:37		AR\AJ	Ok,M
3	HSTDCCC750	HSTDCCC750	PS028596.D	22 Nov 2024 10:25	MCPA is lower side fail	AR\AJ	Ok,M
4	PB165193BL	PB165193BL	PS028597.D	22 Nov 2024 11:13		AR\AJ	Ok,M
5	PB165193BS	PB165193BS	PS028598.D	22 Nov 2024 11:37		AR\AJ	Ok,M
6	PB165060TB	PB165060TB	PS028599.D	22 Nov 2024 12:01		AR\AJ	Ok,M
7	P4892-03	WB-310-BOT	PS028600.D	22 Nov 2024 12:25		AR\AJ	Ok,M
8	P4892-03MS	WB-310-BOTMS	PS028601.D	22 Nov 2024 12:49	Some compound recovery fail	AR\AJ	Ok,M
9	P4892-03MSD	WB-310-BOTMSD	PS028602.D	22 Nov 2024 13:13	Some compound recovery fail	AR\AJ	Ok,M
10	I.BLK	I.BLK	PS028603.D	22 Nov 2024 13:37		AR\AJ	Ok,M
11	HSTDCCC750	HSTDCCC750	PS028604.D	22 Nov 2024 14:25		AR\AJ	Ok,M
12	P4495-17	PT-HERB-SOIL	PS028605.D	22 Nov 2024 16:26	sample reanalyzed	AR\AJ	Not Ok
13	PB165201BL	PB165201BL	PS028606.D	22 Nov 2024 16:50		AR\AJ	Ok,M
14	PB165201BS	PB165201BS	PS028607.D	22 Nov 2024 17:14		AR\AJ	Ok,M
15	PB165201BSD	PB165201BSD	PS028608.D	22 Nov 2024 17:38		AR\AJ	Ok,M
16	P4947-01	A3988	PS028609.D	22 Nov 2024 18:02		AR\AJ	Ok,M
17	I.BLK	I.BLK	PS028610.D	22 Nov 2024 18:26		AR\AJ	Ok,M
18	HSTDCCC750	HSTDCCC750	PS028611.D	22 Nov 2024 18:50		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS112224

Review By	yogesh	Review On	11/25/2024 8:56:24 AM
Supervise By	Ankita	Supervise On	11/25/2024 10:09:11 AM
SubDirectory	PS112224	HP Acquire Method	HP Processing Method PS111324
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23458,PP23459,PP23460,PP23461,PP23462		
CCC Internal Standard/PEM	PP23462		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23469		

M : Manual Integration

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

SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 11/18/2024 Time : 16:00
Weigh By :	JP	End Prep Date : 11/19/2024 Time : 08:20
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A
Extraction By :	JP	Initial Room Temperature: 24 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <i>JP</i>
Tumbler ID :	T-1	Supervisor By : <i>12</i>
TCLP Filter ID :	114771	

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
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	N/A	MP83122

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. Particle size reduction is not required. p4910-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/19/24 10:30	<i>JP</i> / TCLP Room	<i>JP</i> / Met Dig
	Preparation Group	Analysis Group <i>RE</i> / EXT

TCLP EXTRACTION LOGPAGE

PB165060

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	Prefer Pos
P4890-06	D3721	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
P4892-03	WB-310-BOT	02	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
P4893-04	MH-763	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
P4893-08	MH-762	04	100.04	2000	N/A	N/A	N/A	6.0	1.0	T-1
P4910-04	MH-COTTAGE	05	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
P4910-08	MH-759	06	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
PB165060TB	LEB060	07	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4890-06	D3721	N/A	N/A	N/A	N/A	100	N/A
P4892-03	WB-310-BOT	N/A	N/A	N/A	N/A	100	N/A
P4893-04	MH-763	N/A	N/A	N/A	N/A	100	N/A
P4893-08	MH-762	N/A	N/A	N/A	N/A	100	N/A
P4910-04	MH-COTTAGE	N/A	N/A	N/A	N/A	100	N/A
P4910-08	MH-759	N/A	N/A	N/A	N/A	100	N/A
PB165060TB	LEB060	N/A	N/A	N/A	N/A	N/A	N/A

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

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
P4890-06	D3721	5.02	96.5	6.2	2.5	#1	4.94
P4892-03	WB-310-BOT	5.03	96.5	8.6	3.5	#1	4.94
P4893-04	MH-763	5.02	96.5	8.6	3.5	#1	4.94
P4893-08	MH-762	5.01	96.5	8.0	3.0	#1	4.94
P4910-04	MH-COTTAGE	5.02	96.5	9.1	4.5	#1	4.94
P4910-08	MH-759	5.03	96.5	8.6	4.0	#1	4.94
PB165060TB	LEB060	N/A	N/A	N/A	N/A	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp p4892

WorkList ID : 185532

Department : TCLP Extraction

Date : 11-18-2024 12:28:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4890-06	D3721	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		11/15/2024	1311
P4892-03	WB-310-BOT	Solid	TCLP Extraction	Cool 4 deg C	PORT06	M11	11/15/2024	1311
P4893-04	MH-763	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	11/16/2024	1311
P4893-08	MH-762	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	11/16/2024	1311
P4910-04	MH-COTTAGE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L61	11/18/2024	1311
P4910-08	MH-759	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L61	11/18/2024	1311

Date/Time 11/18/24 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 11/18/24

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Water

Weigh By: RJ

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,7

Extraction Start Date : 11/21/2024

Extraction Start Time : 09:41

Extraction End Date : 11/21/2024

Extraction End Time : 16:55

Concentration By: EH

Supervisor By : rajesh

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	PP23930
Surrogate	1.0ML	5000 PPB	PP23949
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	e3370
Acidified Na2SO4	N/A	EP2503
NAOH 6N	N/A	ep2553
1:3 SULPHURIC ACID	N/A	ep2528
NACL	N/A	m4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	ep2529
Hexane	N/A	e3826
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/21/24	RP (Sat Lab)	Y.P. Pest IP CB
17:00	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 11/21/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165060TB	PB165060TB	TCLP Herbicide	100	6	RUPESH	rajesh	10			SEP-01
PB165193BL	HBLK193	TCLP Herbicide	1000	6	RUPESH	rajesh	10			2
PB165193BS	HLCS193	TCLP Herbicide	1000	6	RUPESH	rajesh	10			3
P4892-03	WB-310-BOT	TCLP Herbicide	100	6	RUPESH	rajesh	10	A		4
P4892-03MS	WB-310-BOTMS	TCLP Herbicide	100	6	RUPESH	rajesh	10	A		5
P4892-03MS D	WB-310-BOTMSD	TCLP Herbicide	100	6	RUPESH	rajesh	10	A		6

* Extracts relinquished on the same date as received.



TCLP EXTRACTION LOGPAGE

PB16506

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
P4890-06	D3721	01	100.02	2000	N/A	N/A	N/A	3.0	1.0
P4892-03	WB-310-BOT	02	100.02	2000	N/A	N/A	N/A	5.8	1.5
P4893-04	MH-763	03	100.03	2000	N/A	N/A	N/A	6.2	1.0
P4893-08	MH-762	04	100.04	2000	N/A	N/A	N/A	6.0	1.0
P4910-04	MH-COTTAGE	05	100.02	2000	N/A	N/A	N/A	7.2	1.5
P4910-08	MH-759	06	100.03	2000	N/A	N/A	N/A	6.2	1.0
PB165060TB	LEB060	07	N/A	2000	N/A	N/A	N/A	4.94	1.5

11/19/2024
10:30

LAB CHRONICLE

OrderID:	P4892	OrderDate:	11/18/2024 8:10:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	M11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4892-01	WB-310-TOP	SOIL	PCB	8082A	11/15/24	11/19/24	11/19/24	11/15/24
			EPH	NJEPH		11/21/24	11/22/24	
P4892-02	WB-310-BOT	SOIL	PCB	8082A	11/15/24	11/19/24	11/19/24	11/15/24
			EPH	NJEPH		11/21/24	11/22/24	
P4892-03	WB-310-BOT	TCLP	TCLP Herbicide	8151A	11/15/24	11/21/24	11/22/24	11/15/24
			TCLP Pesticide	8081B		11/20/24	11/22/24	
P4892-04	WB-310-SW	WATER	PCB	8082A	11/15/24	11/20/24	11/20/24	11/15/24
			EPH	NJEPH		11/20/24	11/21/24	