



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

Hit Summary Sheet
SW-846

SDG No.: Q2010

Order ID: Q2010

Client: CDM Smith

Project ID: South River WM Replacement

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-10	SDG No.:	Q2010
Lab Sample ID:	Q2010-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	93.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030239.D	1	05/13/25 10:35	05/15/25 17:18	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.30	U	8.30	71.8	ug/Kg
120-36-5	DICHLORPROP	13.7	U	13.7	71.8	ug/Kg
94-75-7	2,4-D	9.70	U	9.70	71.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.70	U	9.70	71.8	ug/Kg
93-76-5	2,4,5-T	9.30	U	9.30	71.8	ug/Kg
94-82-6	2,4-DB	25.9	U	25.9	71.8	ug/Kg
88-85-7	DINOSEB	11.6	U	11.6	71.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	57.8		10 - 141	12%	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:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13	SDG No.:	Q2010
Lab Sample ID:	Q2010-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.4
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030240.D	1	05/13/25 10:35	05/15/25 17:43	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	79.2	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.2	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.2	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.2	ug/Kg
94-82-6	2,4-DB	28.6	U	28.6	79.2	ug/Kg
88-85-7	DINOSEB	12.8	U	12.8	79.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	319		10 - 141	64%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-14	SDG No.:	Q2010
Lab Sample ID:	Q2010-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030241.D	1	05/13/25 10:35	05/15/25 18:07	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	82.8	ug/Kg
120-36-5	DICHLORPROP	15.8	U	15.8	82.8	ug/Kg
94-75-7	2,4-D	11.2	U	11.2	82.8	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.2	U	11.2	82.8	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	82.8	ug/Kg
94-82-6	2,4-DB	29.9	U	29.9	82.8	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	82.8	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	355		10 - 141	71%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-17	SDG No.:	Q2010
Lab Sample ID:	Q2010-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	77.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030242.D	1	05/13/25 10:35	05/15/25 18:31	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.0	U	10.0	86.4	ug/Kg
120-36-5	DICHLORPROP	16.5	U	16.5	86.4	ug/Kg
94-75-7	2,4-D	11.7	U	11.7	86.4	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.7	U	11.7	86.4	ug/Kg
93-76-5	2,4,5-T	11.2	U	11.2	86.4	ug/Kg
94-82-6	2,4-DB	31.2	U	31.2	86.4	ug/Kg
88-85-7	DINOSEB	13.9	U	13.9	86.4	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	360		10 - 141	72%	SPK: 500

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QC SUMMARY

Surrogate Summary

SDG No.: Q2010

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030124.D	PIBLK-PS030124.D	2,4-DCAA	1	500	419	84		39	175
		2,4-DCAA	2	500	418	84		39	175
I.BLK-PS030179.D	PIBLK-PS030179.D	2,4-DCAA	1	500	469	94		39	175
		2,4-DCAA	2	500	473	95		39	175
Q2007-07MS	OR-636-COMP-11MS	2,4-DCAA	1	500	328	66		10	141
		2,4-DCAA	2	500	294	59		10	141
Q2007-07MSD	OR-636-COMP-11MSD	2,4-DCAA	1	500	340	68		10	141
		2,4-DCAA	2	500	309	62		10	141
I.BLK-PS030189.D	PIBLK-PS030189.D	2,4-DCAA	1	500	482	96		39	175
		2,4-DCAA	2	500	491	98		39	175
I.BLK-PS030213.D	PIBLK-PS030213.D	2,4-DCAA	1	500	487	97		39	175
		2,4-DCAA	2	500	495	99		39	175
PB167976BL	PB167976BL	2,4-DCAA	1	500	514	103		10	141
		2,4-DCAA	2	500	492	98		10	141
PB167976BS	PB167976BS	2,4-DCAA	1	500	532	106		10	141
		2,4-DCAA	2	500	528	106		10	141
I.BLK-PS030220.D	PIBLK-PS030220.D	2,4-DCAA	1	500	493	99		39	175
		2,4-DCAA	2	500	502	100		39	175
I.BLK-PS030235.D	PIBLK-PS030235.D	2,4-DCAA	1	500	451	90		39	175
		2,4-DCAA	2	500	462	92		39	175
Q2010-01	TP-10	2,4-DCAA	1	500	57.8	12		10	141
		2,4-DCAA	2	500	55.1	11		10	141
Q2010-02	TP-13	2,4-DCAA	1	500	306	61		10	141
		2,4-DCAA	2	500	319	64		10	141
Q2010-03	TP-14	2,4-DCAA	1	500	355	71		10	141
		2,4-DCAA	2	500	336	67		10	141
Q2010-04	TP-17	2,4-DCAA	1	500	360	72		10	141
		2,4-DCAA	2	500	343	69		10	141
I.BLK-PS030247.D	PIBLK-PS030247.D	2,4-DCAA	1	500	519	104		39	175
		2,4-DCAA	2	500	531	106		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2010</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030185.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2007-07MS (Column 1)	OR-636-COMP-11MS											
	DICAMBA	189.7	0	105	ug/Kg	55				10	112	
	DICHLORPROP	189.7	0	128	ug/Kg	67				10	113	
	2,4-D	189.7	0	133	ug/Kg	70				10	144	
	2,4,5-TP(Silvex)	189.7	0	111	ug/Kg	59				10	114	
	2,4,5-T	189.7	0	106	ug/Kg	56				10	115	
	2,4-DB	189.7	0	84.3	ug/Kg	44				10	140	
Client Sample ID: Q2007-07MS (Column 2)	Dinoseb	189.7	0	0	ug/Kg	0	*			10	118	
	OR-636-COMP-11MS											
	DICAMBA	189.7	0	102	ug/Kg	54				10	112	
	DICHLORPROP	189.7	0	118	ug/Kg	62				10	113	
	2,4-D	189.7	0	127	ug/Kg	67				10	144	
	2,4,5-TP(Silvex)	189.7	0	117	ug/Kg	62				10	114	
	2,4,5-T	189.7	0	110	ug/Kg	58				10	115	
	2,4-DB	189.7	0	96.0	ug/Kg	51				10	140	
	Dinoseb	189.7	0	0	ug/Kg	0	*			10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2010</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030186.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2007-07MSD (Column 1)	OR-636-COMP-11MSD											
	DICAMBA	189.6	0	109	ug/Kg	57		4		10	112	20
	DICHLORPROP	189.6	0	133	ug/Kg	70		4		10	113	20
	2,4-D	189.6	0	138	ug/Kg	73		4		10	144	20
	2,4,5-TP(Silvex)	189.6	0	115	ug/Kg	61		3		10	114	20
	2,4,5-T	189.6	0	110	ug/Kg	58		4		10	115	20
	2,4-DB	189.6	0	84.2	ug/Kg	44		0		10	140	20
Client Sample ID: Q2007-07MSD (Column 2)	Dinoseb	189.6	0	0	ug/Kg	0	*	0		10	118	20
	OR-636-COMP-11MSD											
	DICAMBA	189.6	0	106	ug/Kg	56		4		10	112	20
	DICHLORPROP	189.6	0	125	ug/Kg	66		4		10	113	20
	2,4-D	189.6	0	131	ug/Kg	69		4		10	144	20
	2,4,5-TP(Silvex)	189.6	0	122	ug/Kg	64		3		10	114	20
	2,4,5-T	189.6	0	115	ug/Kg	61		4		10	115	20
	2,4-DB	189.6	0	102	ug/Kg	54		0		10	140	20
	Dinoseb	189.6	0	0	ug/Kg	0	*	0		10	118	20

**SW-846**

Datafile : PS030216.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB167976BS (Column 1)	DICAMBA	166.5	166	ug/Kg	100				72	129
	DICHLORPROP	166.5	166	ug/Kg	100				77	135
	2,4-D	166.5	166	ug/Kg	100				65	144
	2,4,5-TP(Silvex)	166.5	170	ug/Kg	102				74	146
	2,4,5-T	166.5	170	ug/Kg	102				77	134
	2,4-DB	166.5	174	ug/Kg	105				72	122
	Dinoseb	166.5	165	ug/Kg	99				74	132
PB167976BS (Column 2)	DICAMBA	166.5	164	ug/Kg	98				72	129
	DICHLORPROP	166.5	163	ug/Kg	98				77	135
	2,4-D	166.5	167	ug/Kg	100				65	144
	2,4,5-TP(Silvex)	166.5	167	ug/Kg	100				74	146
	2,4,5-T	166.5	166	ug/Kg	100				77	134
	2,4-DB	166.5	147	ug/Kg	88				72	122
	Dinoseb	166.5	162	ug/Kg	97				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167976BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010

SAS No.: Q2010 SDG NO.: Q2010

Lab Sample ID: PB167976BL

Lab File ID: PS030215.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/13/2025

Date Analyzed (1): 05/15/2025

Date Analyzed (2): 05/15/2025

Time Analyzed (1): 06:13

Time Analyzed (2): 06:13

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
OR-636-COMP-11MS	Q2007-07MS	PS030185.D	05/14/2025	05/14/2025
OR-636-COMP-11MSD	Q2007-07MSD	PS030186.D	05/14/2025	05/14/2025
PB167976BS	PB167976BS	PS030216.D	05/15/2025	05/15/2025
TP-10	Q2010-01	PS030239.D	05/15/2025	05/15/2025
TP-13	Q2010-02	PS030240.D	05/15/2025	05/15/2025
TP-14	Q2010-03	PS030241.D	05/15/2025	05/15/2025
TP-17	Q2010-04	PS030242.D	05/15/2025	05/15/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB167976BL	SDG No.:	Q2010
Lab Sample ID:	PB167976BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:		Test:	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
PS030215.D	1	05/13/25 10:35	05/15/25 06:13	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	514		10 - 141	103%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PS030124.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030124.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030124.D	1		05/12/25	PS051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	419		39 - 175	84%	SPK: 500

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/14/25
Project:	South River WM Replacement	Date Received:	05/14/25
Client Sample ID:	PIBLK-PS030179.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030179.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030179.D	1		05/14/25	Ps051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	473		39 - 175	95%	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:	CDM Smith	Date Collected:	05/14/25
Project:	South River WM Replacement	Date Received:	05/14/25
Client Sample ID:	PIBLK-PS030189.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030189.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030189.D	1		05/14/25	PS051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	491		39 - 175	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:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030213.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030213.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030213.D	1		05/15/25	PS051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	495		39 - 175	99%	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:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030220.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030220.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030220.D	1		05/15/25	PS051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	502		39 - 175	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:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030235.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030235.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030235.D	1		05/15/25	PS051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	462		39 - 175	92%	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:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030247.D	SDG No.:	Q2010
Lab Sample ID:	I.BLK-PS030247.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030247.D	1		05/15/25	PS051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	531		39 - 175	106%	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:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB167976BS		SDG No.:	Q2010	
Lab Sample ID:	PB167976BS		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS030216.D	1	05/13/25 10:35	05/15/25 06:37	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	166		7.70	66.9	ug/Kg
120-36-5	DICHLORPROP	166		12.8	66.9	ug/Kg
94-75-7	2,4-D	167		9.00	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	170		9.10	66.9	ug/Kg
93-76-5	2,4,5-T	170		8.70	66.9	ug/Kg
94-82-6	2,4-DB	174		24.2	66.9	ug/Kg
88-85-7	DINOSEB	165		10.8	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	532		10 - 141	106%	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:	CDM Smith	Date Collected:	05/09/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	OR-636-COMP-11MS	SDG No.:	Q2010
Lab Sample ID:	Q2007-07MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87.8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030185.D	1	05/13/25 10:35	05/14/25 15:53	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	105		8.80	76.3	ug/Kg
120-36-5	DICHLORPROP	128		14.6	76.3	ug/Kg
94-75-7	2,4-D	133		10.3	76.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	117		10.3	76.3	ug/Kg
93-76-5	2,4,5-T	110		9.90	76.3	ug/Kg
94-82-6	2,4-DB	96.0		27.5	76.3	ug/Kg
88-85-7	DINOSEB	12.3	U	12.3	76.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	328		10 - 141	66%	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:	CDM Smith	Date Collected:	05/09/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	OR-636-COMP-11MSD	SDG No.:	Q2010
Lab Sample ID:	Q2007-07MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030186.D	1	05/13/25 10:35	05/14/25 16:17	PB167976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	109		8.80	76.2	ug/Kg
120-36-5	DICHLORPROP	133		14.6	76.2	ug/Kg
94-75-7	2,4-D	138		10.3	76.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	122		10.3	76.2	ug/Kg
93-76-5	2,4,5-T	115		9.90	76.2	ug/Kg
94-82-6	2,4-DB	102		27.5	76.2	ug/Kg
88-85-7	DINOSEB	12.3	U	12.3	76.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	340		10 - 141	68%	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: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID:		CF 200 = <u>PS030125.D</u>		CF 500 = <u>PS030126.D</u>			
CF 750 = <u>PS030127.D</u>		CF 1000 = <u>PS030128.D</u>		CF 1500 = <u>PS030129.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	19806400000	16697600000	15922400000	15360700000	14788800000	16515200000	12
2,4,5-TP(Silvex)	19321200000	16303400000	15619800000	15128700000	14606800000	16196000000	11
2,4-D	4048870000	3291910000	3113030000	3014870000	2926010000	3278940000	14
2,4-DB	2822620000	2567110000	2564340000	2542470000	2552320000	2609770000	5
2,4-DCAA	3540840000	2868830000	2702520000	2609290000	2517560000	2847810000	14
DICAMBA	13660900000	11601800000	11140600000	10847100000	10536400000	11557400000	11
DICHLORPROP	3626670000	2931320000	2773470000	2680380000	2594880000	2921340000	14
Dinoseb	13788600000	11497400000	10989000000	10638600000	10268200000	11436400000	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2010 **SAS No.:** Q2010 **SDG NO.:** Q2010

Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID: CF 200 = PS030125.DCF 500 = PS030126.DCF 750 = PS030127.DCF 1000 = PS030128.DCF 1500 = PS030129.D							
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	10274700000	9232570000	9042300000	8854580000	8613880000	9203610000	7
2,4,5-TP(Silvex)	10913400000	9868000000	9697110000	9517670000	9255920000	9850430000	6
2,4-D	1480680000	1290430000	1248060000	1225910000	1207420000	1290500000	9
2,4-DB	1268930000	952436000	948485000	881256000	910753000	992372000	16
2,4-DCAA	922885000	799420000	773490000	758361000	746863000	800204000	9
DICAMBA	5034950000	4673810000	4651340000	4635790000	4643990000	4727980000	4
DICHLORPROP	1388930000	1177530000	1140920000	1112240000	1087540000	1181430000	10
Dinoseb	7723880000	6842530000	6670660000	6540750000	6382090000	6831980000	8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 13:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 13:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.93	9.93	9.83	10.03	0.00
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030180.D Time Analyzed: 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.132	9.033	9.233	683.550	712.500	-4.1
2,4,5-TP(Silvex)	8.850	8.750	8.950	681.540	712.500	-4.3
2,4-D	8.009	7.910	8.110	665.970	705.000	-5.5
2,4-DB	9.690	9.589	9.789	709.650	712.500	-0.4
2,4-DCAA	6.933	6.834	7.034	709.920	750.000	-5.3
DICAMBA	7.109	7.010	7.210	674.500	705.000	-4.3
DICHLORPROP	7.789	7.689	7.889	663.920	705.000	-5.8
Dinoseb	10.850	10.751	10.951	667.910	705.000	-5.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030180.D Time Analyzed: 13:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.925	9.826	10.026	685.760	712.500	-3.8
2,4,5-TP(Silvex)	9.521	9.423	9.623	691.060	712.500	-3.0
2,4-D	8.643	8.544	8.744	682.250	705.000	-3.2
2,4-DB	10.483	10.385	10.585	647.540	712.500	-9.1
2,4-DCAA	7.453	7.354	7.554	717.910	750.000	-4.3
DICAMBA	7.638	7.539	7.739	686.280	705.000	-2.7
DICHLORPROP	8.331	8.232	8.432	661.570	705.000	-6.2
Dinoseb	10.856	10.758	10.958	670.800	705.000	-4.9

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 17:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 17:53 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.93	9.93	9.83	10.03	0.00
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030190.D Time Analyzed: 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.132	9.033	9.233	698.460	712.500	-2.0
2,4,5-TP(Silvex)	8.851	8.750	8.950	696.850	712.500	-2.2
2,4-D	8.010	7.910	8.110	679.920	705.000	-3.6
2,4-DB	9.690	9.589	9.789	727.790	712.500	2.1
2,4-DCAA	6.933	6.834	7.034	724.480	750.000	-3.4
DICAMBA	7.110	7.010	7.210	689.130	705.000	-2.3
DICHLORPROP	7.790	7.689	7.889	677.360	705.000	-3.9
Dinoseb	10.851	10.751	10.951	683.150	705.000	-3.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030190.D Time Analyzed: 17:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.925	9.826	10.026	702.590	712.500	-1.4
2,4,5-TP(Silvex)	9.521	9.423	9.623	706.930	712.500	-0.8
2,4-D	8.643	8.544	8.744	697.370	705.000	-1.1
2,4-DB	10.483	10.385	10.585	660.760	712.500	-7.3
2,4-DCAA	7.453	7.354	7.554	734.300	750.000	-2.1
DICAMBA	7.639	7.539	7.739	704.930	705.000	0.0
DICHLORPROP	8.331	8.232	8.432	679.360	705.000	-3.6
Dinoseb	10.857	10.758	10.958	688.750	705.000	-2.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.93	9.93	9.83	10.03	0.00
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL03 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030214.D Time Analyzed: 05:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.132	9.033	9.233	710.470	712.500	-0.3
2,4,5-TP(Silvex)	8.850	8.750	8.950	709.200	712.500	-0.5
2,4-D	8.009	7.910	8.110	691.270	705.000	-1.9
2,4-DB	9.690	9.589	9.789	743.140	712.500	4.3
2,4-DCAA	6.933	6.834	7.034	737.200	750.000	-1.7
DICAMBA	7.109	7.010	7.210	702.480	705.000	-0.4
DICHLORPROP	7.789	7.689	7.889	691.550	705.000	-1.9
Dinoseb	10.850	10.751	10.951	692.450	705.000	-1.8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL03 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030214.D Time Analyzed: 05:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.925	9.826	10.026	712.150	712.500	0.0
2,4,5-TP(Silvex)	9.521	9.423	9.623	719.650	712.500	1.0
2,4-D	8.643	8.544	8.744	710.310	705.000	0.8
2,4-DB	10.483	10.385	10.585	636.260	712.500	-10.7
2,4-DCAA	7.452	7.354	7.554	745.760	750.000	-0.6
DICAMBA	7.638	7.539	7.739	715.570	705.000	1.5
DICHLORPROP	8.330	8.232	8.432	691.480	705.000	-1.9
Dinoseb	10.856	10.758	10.958	698.230	705.000	-1.0

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 08:37 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 08:37 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL04 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030221.D Time Analyzed: 08:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.132	9.033	9.233	715.310	712.500	0.4
2,4,5-TP(Silvex)	8.850	8.750	8.950	713.830	712.500	0.2
2,4-D	8.009	7.910	8.110	697.060	705.000	-1.1
2,4-DB	9.689	9.589	9.789	741.130	712.500	4.0
2,4-DCAA	6.933	6.834	7.034	742.920	750.000	-0.9
DICAMBA	7.109	7.010	7.210	706.540	705.000	0.2
DICHLORPROP	7.789	7.689	7.889	696.890	705.000	-1.2
Dinoseb	10.850	10.751	10.951	701.370	705.000	-0.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL04 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030221.D Time Analyzed: 08:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.924	9.826	10.026	716.400	712.500	0.5
2,4,5-TP(Silvex)	9.521	9.423	9.623	723.050	712.500	1.5
2,4-D	8.643	8.544	8.744	713.300	705.000	1.2
2,4-DB	10.482	10.385	10.585	640.930	712.500	-10.0
2,4-DCAA	7.452	7.354	7.554	749.890	750.000	0.0
DICAMBA	7.638	7.539	7.739	720.210	705.000	2.2
DICHLORPROP	8.330	8.232	8.432	697.900	705.000	-1.0
Dinoseb	10.855	10.758	10.958	705.820	705.000	0.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:06 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:06 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL05 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030236.D Time Analyzed: 16:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.131	9.033	9.233	707.730	712.500	-0.7
2,4,5-TP(Silvex)	8.849	8.750	8.950	707.610	712.500	-0.7
2,4-D	8.008	7.910	8.110	690.730	705.000	-2.0
2,4-DB	9.689	9.589	9.789	753.460	712.500	5.7
2,4-DCAA	6.932	6.834	7.034	734.390	750.000	-2.1
DICAMBA	7.109	7.010	7.210	700.170	705.000	-0.7
DICHLORPROP	7.789	7.689	7.889	688.270	705.000	-2.4
Dinoseb	10.850	10.751	10.951	681.630	705.000	-3.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL05 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030236.D Time Analyzed: 16:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.923	9.826	10.026	719.900	712.500	1.0
2,4,5-TP(Silvex)	9.519	9.423	9.623	722.990	712.500	1.5
2,4-D	8.641	8.544	8.744	710.880	705.000	0.8
2,4-DB	10.481	10.385	10.585	666.280	712.500	-6.5
2,4-DCAA	7.451	7.354	7.554	743.230	750.000	-0.9
DICAMBA	7.636	7.539	7.739	718.480	705.000	1.9
DICHLORPROP	8.329	8.232	8.432	689.300	705.000	-2.2
Dinoseb	10.855	10.758	10.958	701.990	705.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 20:55 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 20:55 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL06 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030248.D Time Analyzed: 20:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.131	9.033	9.233	717.030	712.500	0.6
2,4,5-TP(Silvex)	8.849	8.750	8.950	713.490	712.500	0.1
2,4-D	8.009	7.910	8.110	700.350	705.000	-0.7
2,4-DB	9.689	9.589	9.789	764.870	712.500	7.4
2,4-DCAA	6.933	6.834	7.034	740.230	750.000	-1.3
DICAMBA	7.109	7.010	7.210	704.680	705.000	0.0
DICHLORPROP	7.789	7.689	7.889	694.060	705.000	-1.6
Dinoseb	10.849	10.751	10.951	699.880	705.000	-0.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010 SDG NO.: Q2010

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL06 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030248.D Time Analyzed: 20:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.924	9.826	10.026	722.850	712.500	1.5
2,4,5-TP(Silvex)	9.520	9.423	9.623	726.910	712.500	2.0
2,4-D	8.642	8.544	8.744	719.140	705.000	2.0
2,4-DB	10.481	10.385	10.585	644.470	712.500	-9.5
2,4-DCAA	7.452	7.354	7.554	751.940	750.000	0.3
DICAMBA	7.637	7.539	7.739	723.820	705.000	2.7
DICHLORPROP	8.330	8.232	8.432	696.240	705.000	-1.2
Dinoseb	10.855	10.758	10.958	712.020	705.000	1.0

Analytical Sequence

Client: CDM Smith	SDG No.: Q2010	
Project: South River WM Replacement	Instrument ID: ECD_S	
GC Column: RTX-CLP	ID: 0.32 (mm)	Inst. Calib. Date(s): 05/12/2025 05/12/2025

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 #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	6.93	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	6.93	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	6.93	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	6.93	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	6.93	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	6.93	0.00
IBLK	IBLK	05/14/2025	13:29	PS030179.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	13:53	PS030180.D	6.93	0.00
OR-636-COMP-11MS	Q2007-07MS	05/14/2025	15:53	PS030185.D	6.93	0.00
OR-636-COMP-11MSD	Q2007-07MSD	05/14/2025	16:17	PS030186.D	6.93	0.00
IBLK	IBLK	05/14/2025	17:29	PS030189.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	17:53	PS030190.D	6.93	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	6.93	0.00
PB167976BL	PB167976BL	05/15/2025	06:13	PS030215.D	6.93	0.00
PB167976BS	PB167976BS	05/15/2025	06:37	PS030216.D	6.93	0.00
IBLK	IBLK	05/15/2025	08:13	PS030220.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	08:37	PS030221.D	6.93	0.00
IBLK	IBLK	05/15/2025	15:42	PS030235.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	16:06	PS030236.D	6.93	0.00
TP-10	Q2010-01	05/15/2025	17:18	PS030239.D	6.93	0.00
TP-13	Q2010-02	05/15/2025	17:43	PS030240.D	6.93	0.00
TP-14	Q2010-03	05/15/2025	18:07	PS030241.D	6.93	0.00
TP-17	Q2010-04	05/15/2025	18:31	PS030242.D	6.93	0.00
IBLK	IBLK	05/15/2025	20:31	PS030247.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	20:55	PS030248.D	6.93	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q2010
Project: South River WM Replacement	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

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 #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	7.45	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	7.45	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	7.45	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	7.45	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	7.45	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	7.45	0.00
IBLK	IBLK	05/14/2025	13:29	PS030179.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	13:53	PS030180.D	7.45	0.00
OR-636-COMP-11MS	Q2007-07MS	05/14/2025	15:53	PS030185.D	7.45	0.00
OR-636-COMP-11MSD	Q2007-07MSD	05/14/2025	16:17	PS030186.D	7.45	0.00
IBLK	IBLK	05/14/2025	17:29	PS030189.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	17:53	PS030190.D	7.45	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	7.45	0.00
PB167976BL	PB167976BL	05/15/2025	06:13	PS030215.D	7.45	0.00
PB167976BS	PB167976BS	05/15/2025	06:37	PS030216.D	7.45	0.00
IBLK	IBLK	05/15/2025	08:13	PS030220.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	08:37	PS030221.D	7.45	0.00
IBLK	IBLK	05/15/2025	15:42	PS030235.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	16:06	PS030236.D	7.45	0.00
TP-10	Q2010-01	05/15/2025	17:18	PS030239.D	7.45	0.00
TP-13	Q2010-02	05/15/2025	17:43	PS030240.D	7.45	0.00
TP-14	Q2010-03	05/15/2025	18:07	PS030241.D	7.45	0.00
TP-17	Q2010-04	05/15/2025	18:31	PS030242.D	7.45	0.00
IBLK	IBLK	05/15/2025	20:31	PS030247.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	20:55	PS030248.D	7.45	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OR-636-COMP-11MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010

SAS No.: Q2010 SDG NO.: Q2010

Lab Sample ID: Q2007-07MS

Date(s) Analyzed: 05/14/2025 05/14/2025

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-DB	1	9.69	9.64	9.74	84.3	13
	2	10.48	10.43	10.53	96.0	
DICAMBA	1	7.11	7.06	7.16	105	2.9
	2	7.64	7.59	7.69	102	
DICHLORPROP	1	7.79	7.74	7.84	128	8.1
	2	8.33	8.28	8.38	118	
2,4-D	1	8.01	7.96	8.06	133	4.6
	2	8.64	8.59	8.69	127	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	111	5.3
	2	9.52	9.47	9.57	117	
2,4,5-T	1	9.13	9.08	9.18	106	3.7
	2	9.93	9.88	9.98	110	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OR-636-COMP-11MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2010

SAS No.: Q2010 SDG NO.: Q2010

Lab Sample ID: Q2007-07MSD

Date(s) Analyzed: 05/14/2025 05/14/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

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

GC Column: (2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	7.79	7.74	7.84	133	6.2
	2	8.33	8.28	8.38	125	
2,4-D	1	8.01	7.96	8.06	138	5.2
	2	8.64	8.59	8.69	131	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	115	5.9
	2	9.52	9.47	9.57	122	
2,4,5-T	1	9.13	9.08	9.18	110	4.4
	2	9.93	9.88	9.98	115	
2,4-DB	1	9.69	9.64	9.74	84.2	19.1
	2	10.48	10.43	10.53	102	
DICAMBA	1	7.11	7.06	7.16	109	2.8
	2	7.64	7.59	7.69	106	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167976BS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2010

SAS No.: Q2010

SDG NO.: Q2010

Lab Sample ID: PB167976BS

Date(s) Analyzed: 05/15/2025

05/15/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.13	9.08	9.18	170	2.4
	2	9.93	9.88	9.98	166	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	170	1.8
	2	9.52	9.47	9.57	167	
2,4-D	1	8.01	7.96	8.06	166	0.6
	2	8.64	8.59	8.69	167	
2,4-DB	1	9.69	9.64	9.74	174	16.8
	2	10.48	10.43	10.53	147	
DICHLORPROP	1	7.79	7.74	7.84	166	1.8
	2	8.33	8.28	8.38	163	
Dinoseb	1	10.85	10.80	10.90	165	1.8
	2	10.86	10.81	10.91	162	
DICAMBA	1	7.11	7.06	7.16	166	1.2
	2	7.64	7.59	7.69	164	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 17:18
 Operator : AR\AJ
 Sample : Q2010-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-10

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:26:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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

4) S	2,4-DCAA	6.933	7.452	164.6E6	44113478	57.801	55.128m
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Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 17:18
Operator : AR\AJ
Sample : Q2010-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

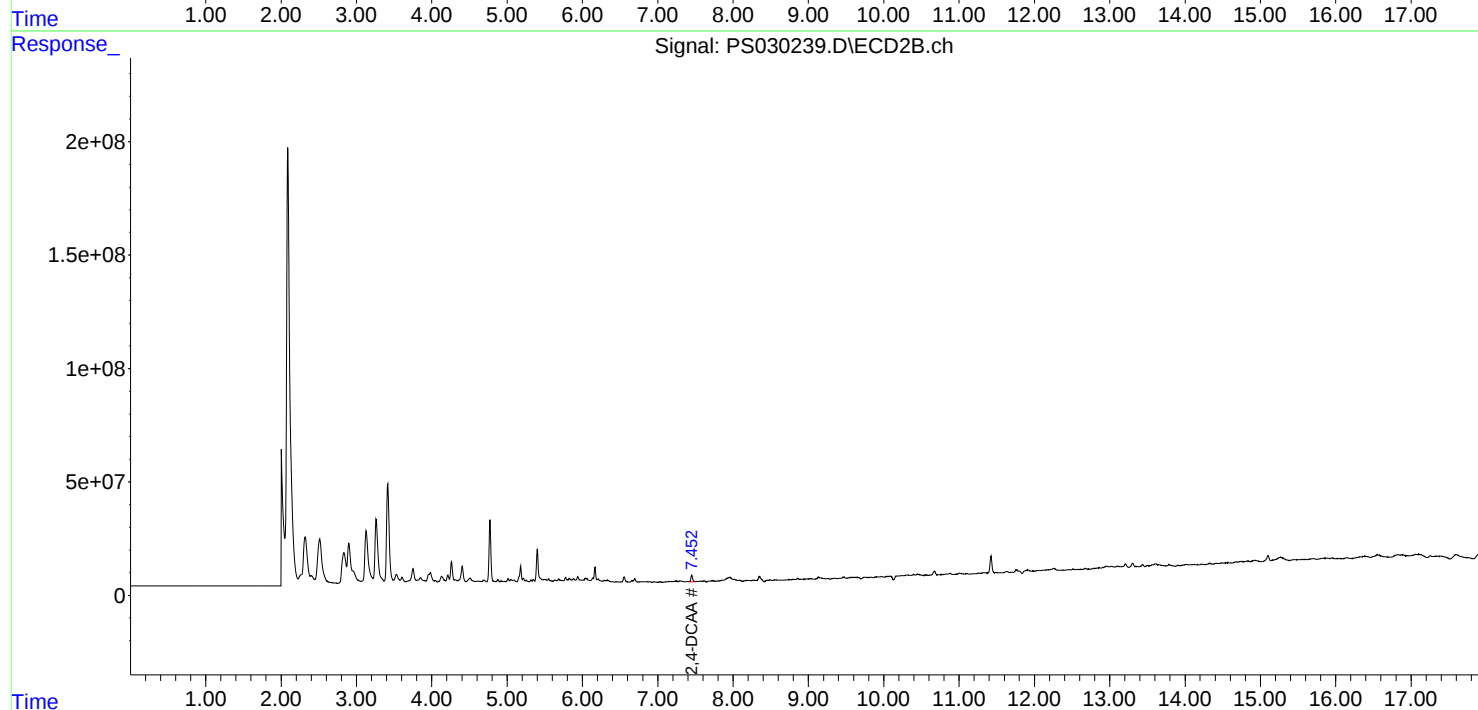
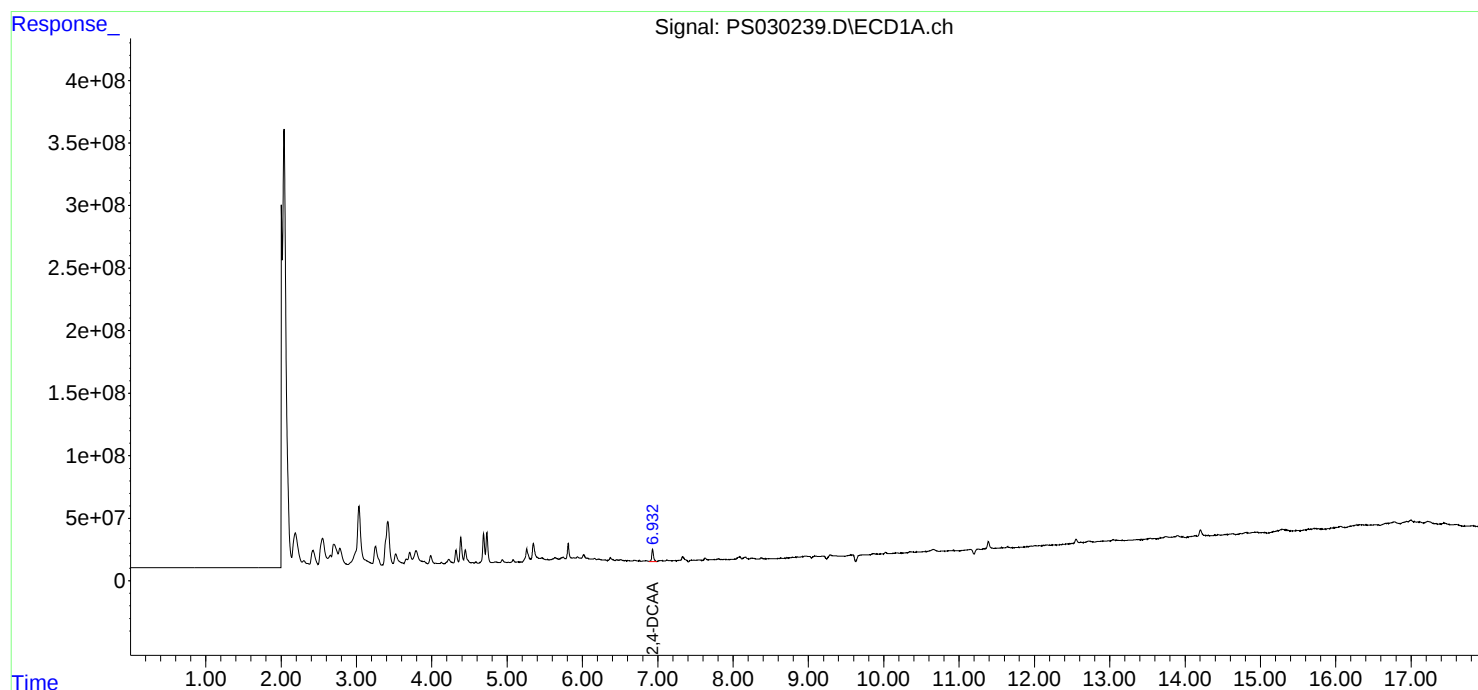
Instrument :
ECD_S
ClientSampleId :
TP-10

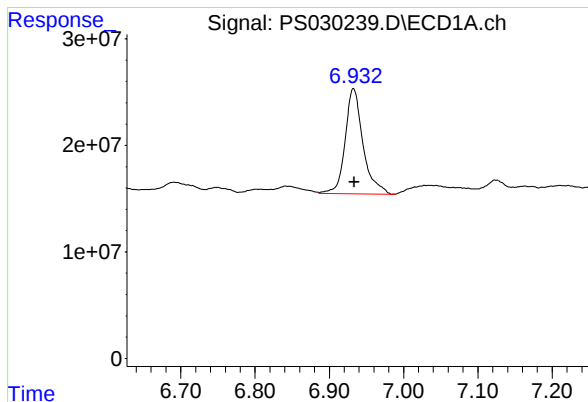
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/16/2025
Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:26:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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





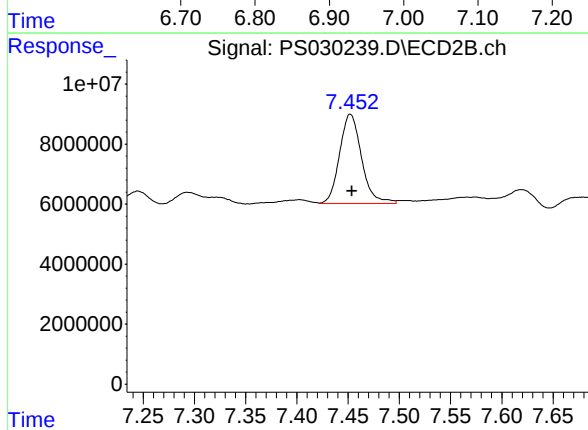
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 164606403
Conc: 57.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-10

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 44113478
Conc: 55.13 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 17:43
 Operator : AR\AJ
 Sample : Q2010-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-13

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:26:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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

4) S 2,4-DCAA 6.928 7.451 871.1E6 255.3E6 305.888m 319.067m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 17:43
Operator : AR\AJ
Sample : Q2010-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

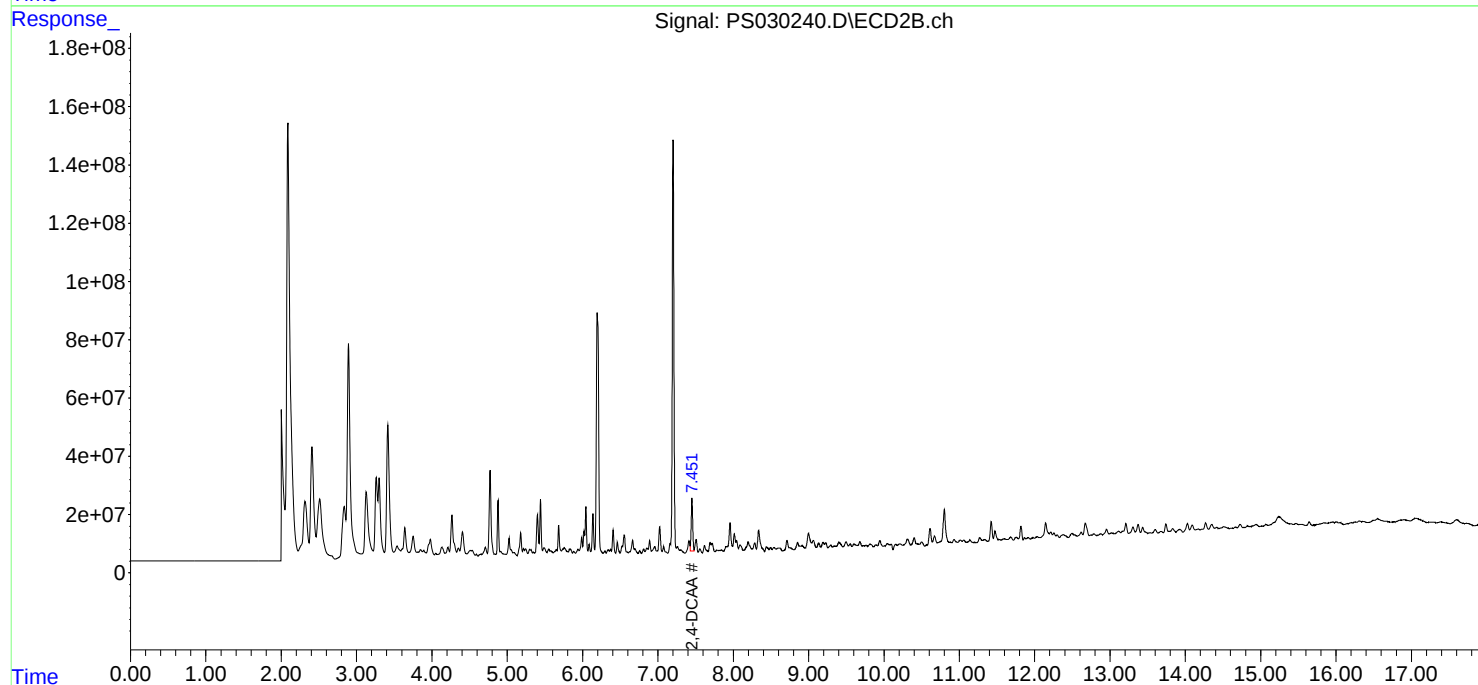
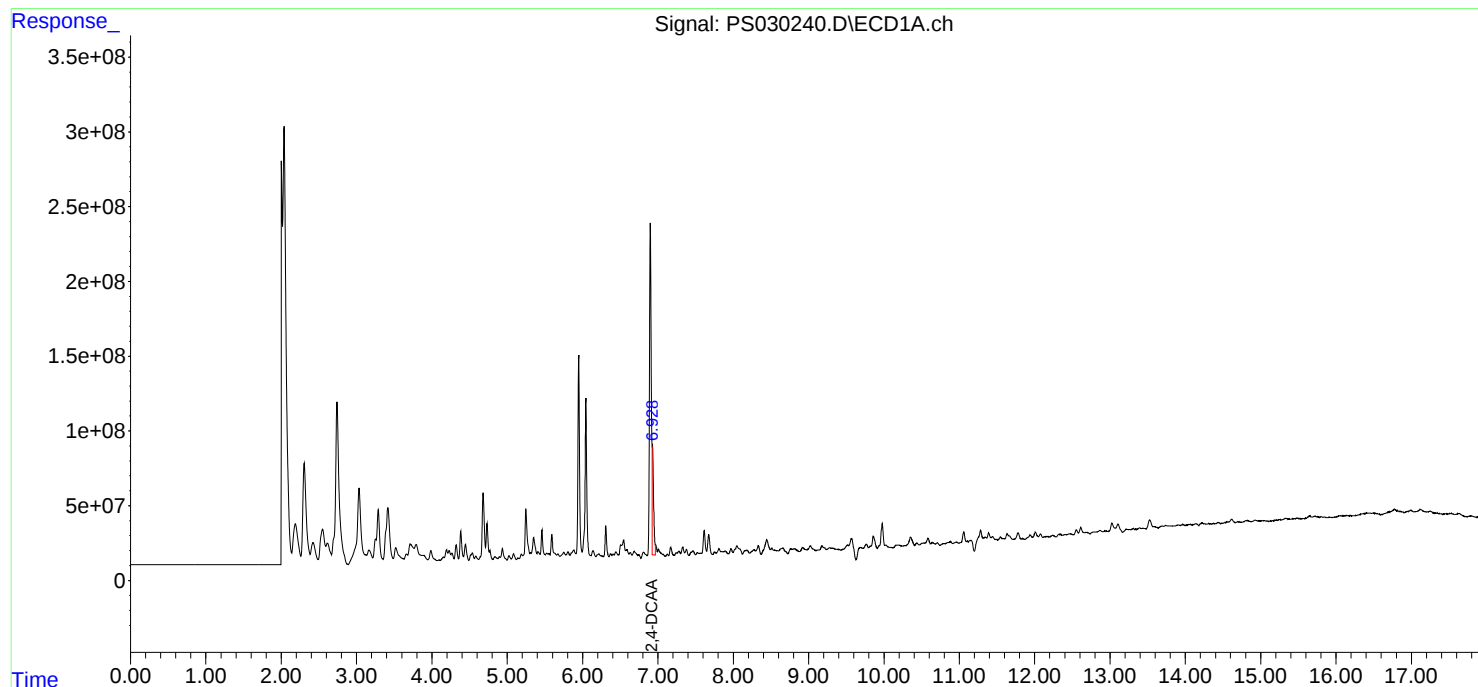
Instrument :
ECD_S
ClientSampleId :
TP-13

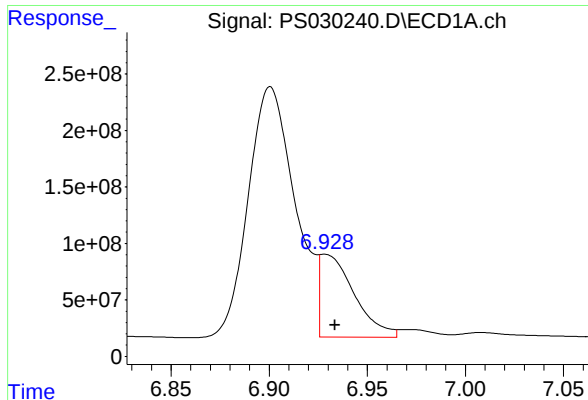
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/16/2025
Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:26:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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





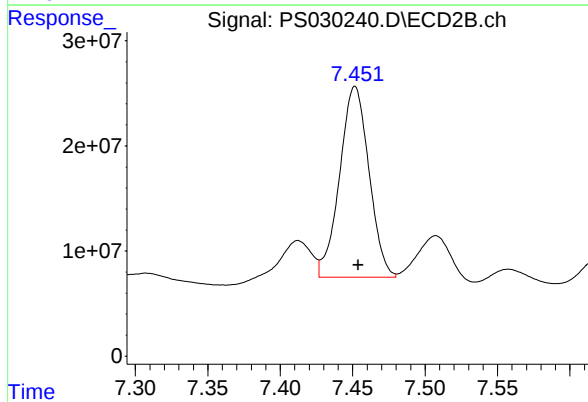
#4 2,4-DCAA

R.T.: 6.928 min
Delta R.T.: -0.006 min
Response: 871111126
Conc: 305.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-13

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#4 2,4-DCAA

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 255318567
Conc: 319.07 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 18:07
 Operator : AR\AJ
 Sample : Q2010-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-14

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:27:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.932	7.452	1011.7E6	268.6E6	355.265	335.606

Target Compounds

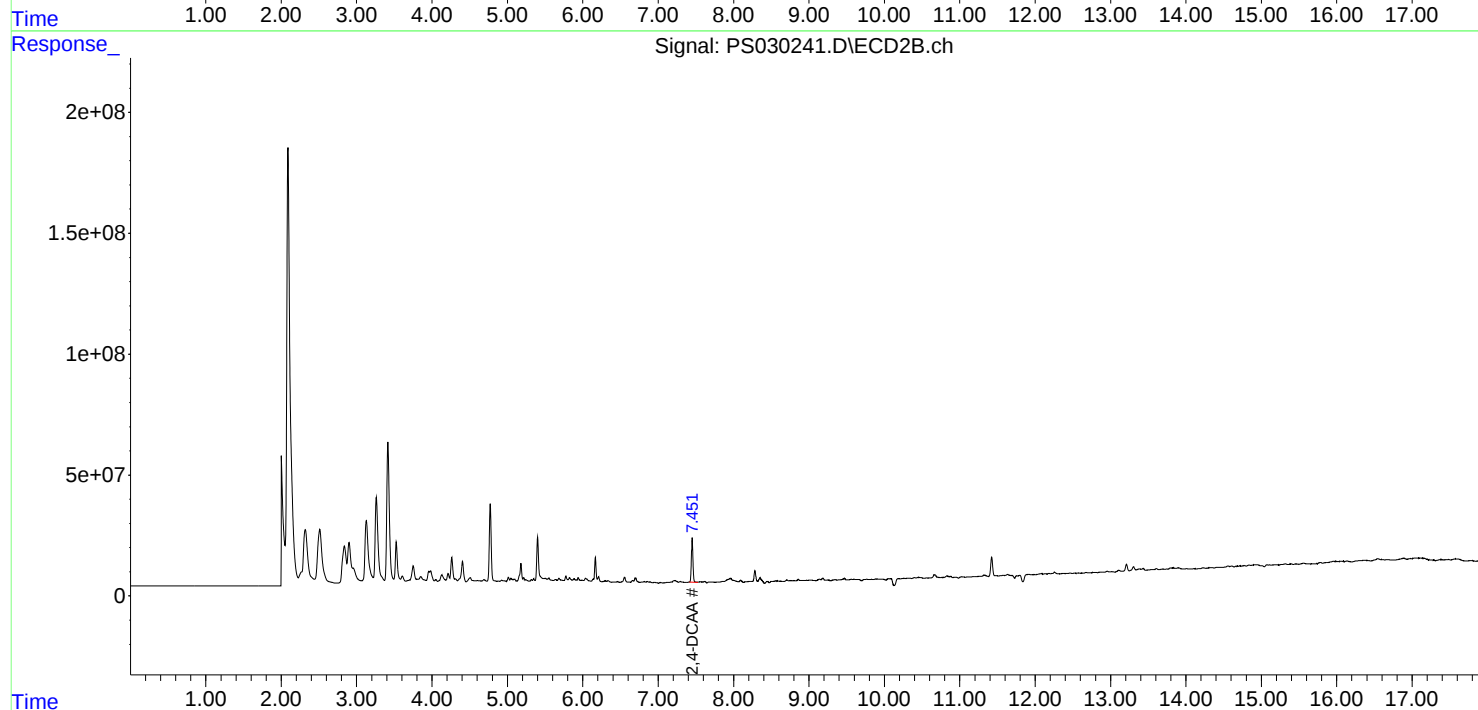
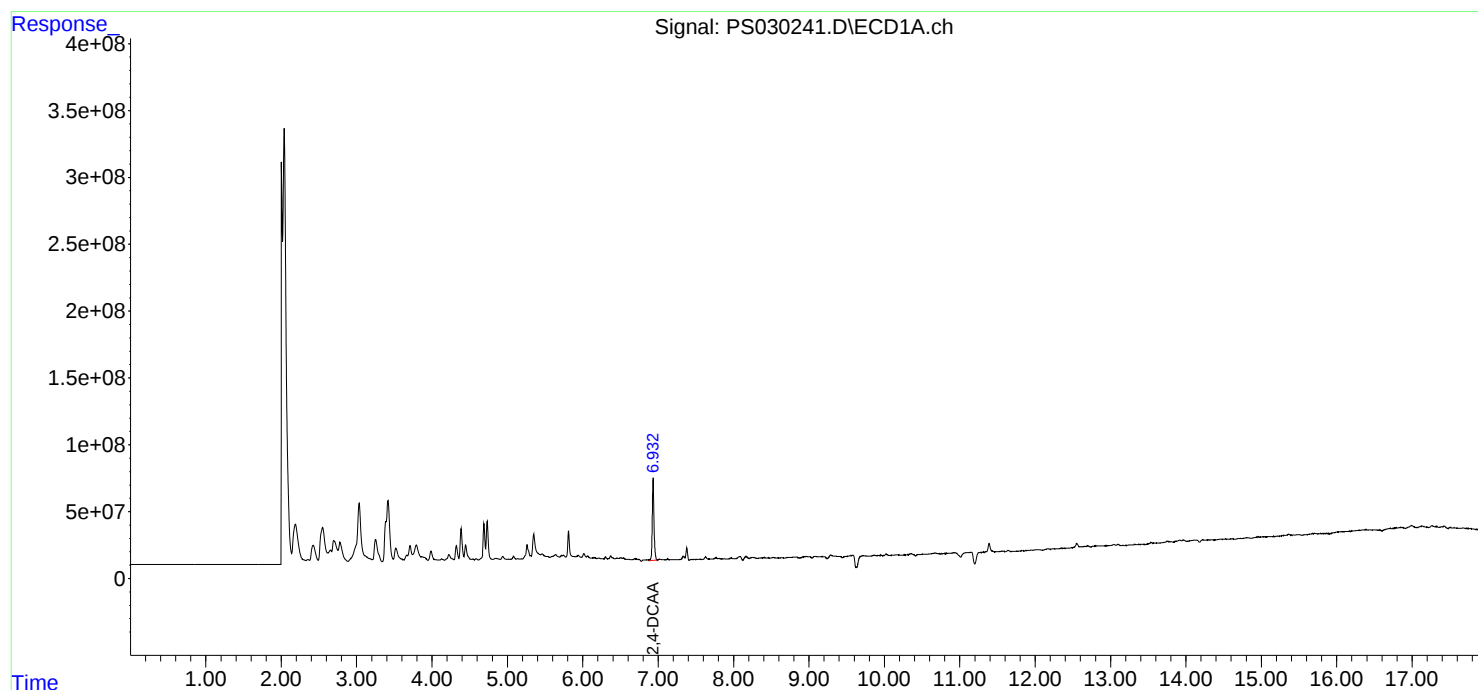
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

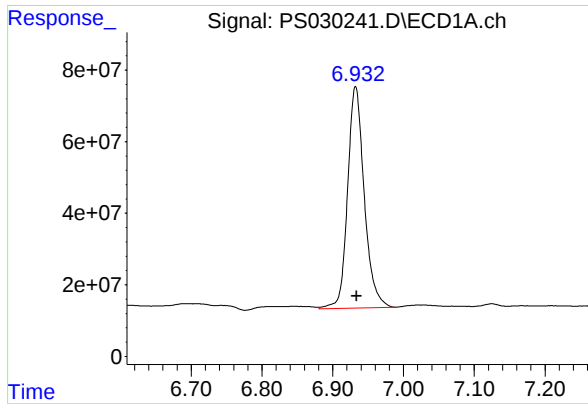
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 18:07
Operator : AR\AJ
Sample : Q2010-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-14

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:27:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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.: 6.932 min

Delta R.T.: -0.001 min

Response: 1011726883

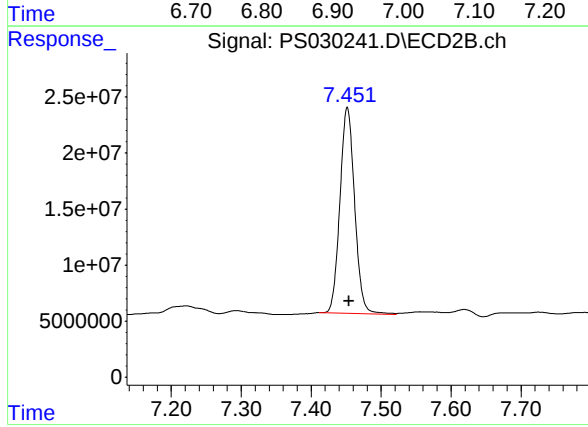
Conc: 355.27 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-14



#4 2,4-DCAA

R.T.: 7.452 min

Delta R.T.: -0.002 min

Response: 268553292

Conc: 335.61 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 18:31
 Operator : AR\AJ
 Sample : Q2010-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-17

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.452	1026.4E6	274.3E6	360.420	342.823

Target Compounds

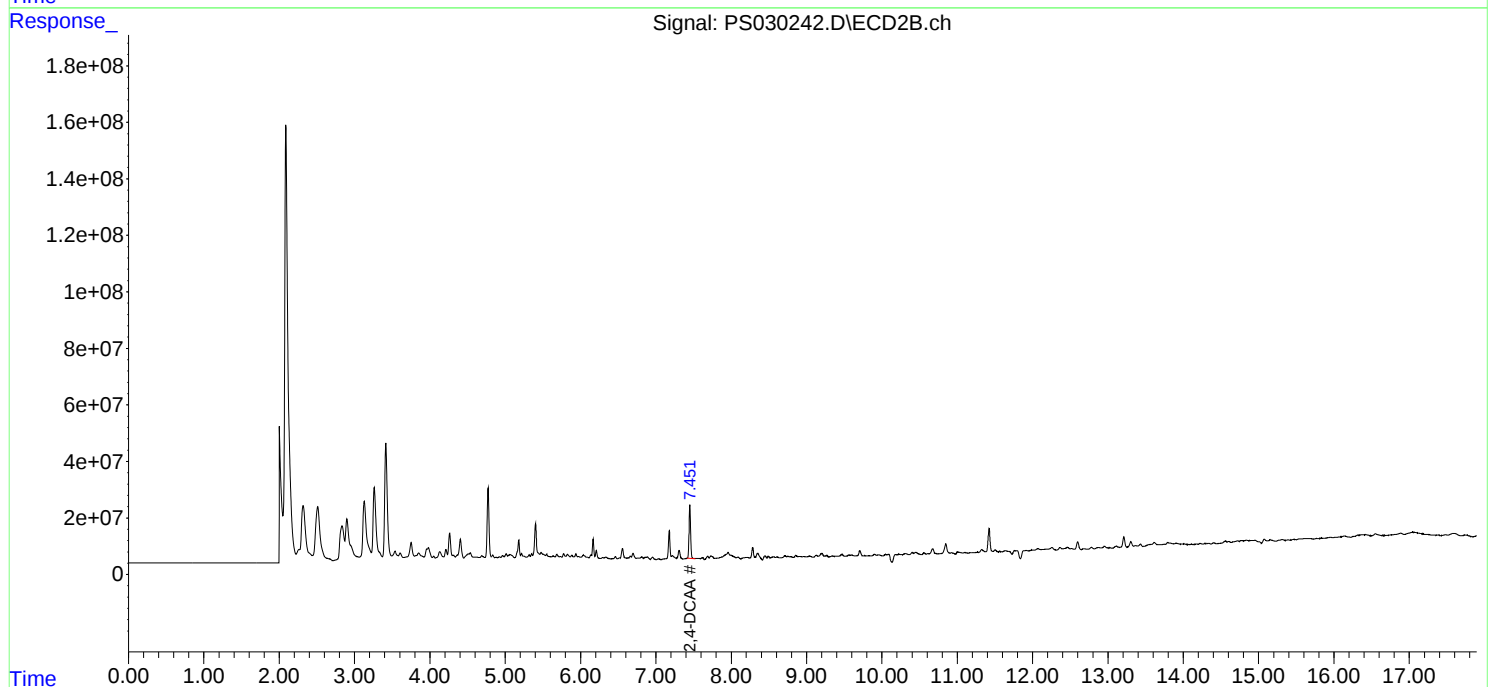
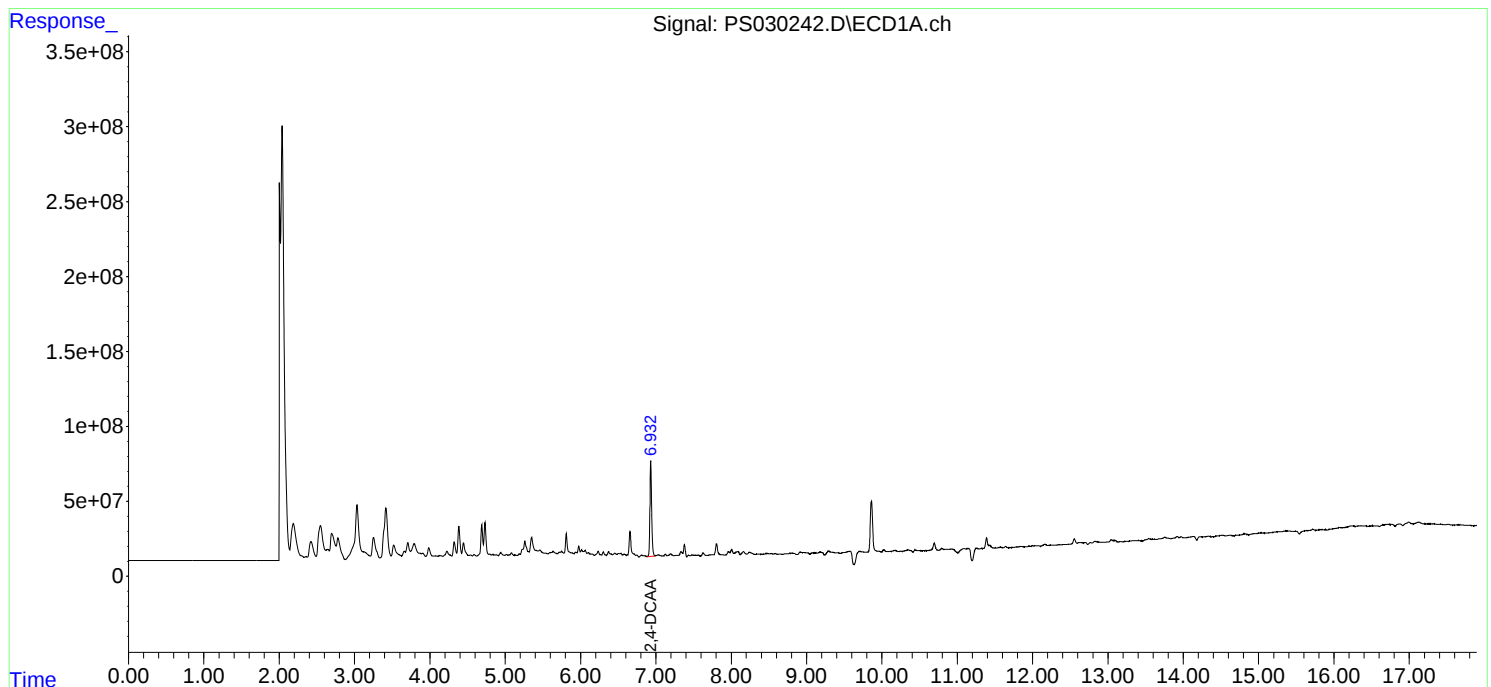
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

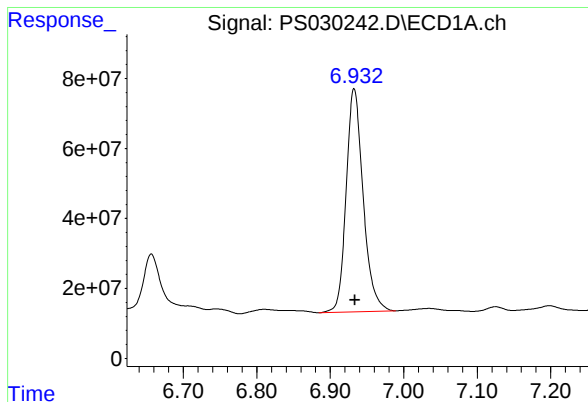
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
Data File : PS030242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 18:31
Operator : AR\AJ
Sample : Q2010-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-17

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:27:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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.: 6.933 min

Delta R.T.: -0.001 min

Response: 1026406893

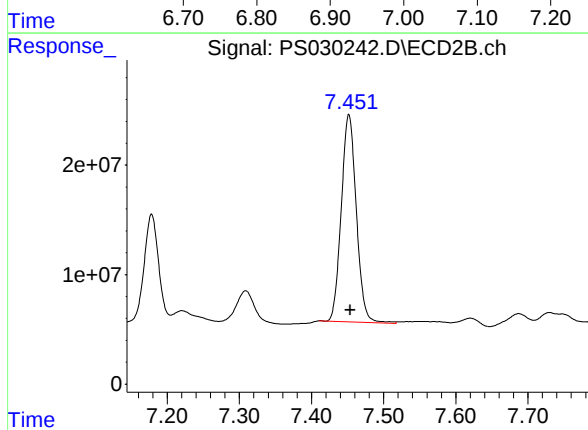
Conc: 360.42 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-17



#4 2,4-DCAA

R.T.: 7.452 min

Delta R.T.: -0.002 min

Response: 274328491

Conc: 342.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 06:13
 Operator : AR\AJ
 Sample : PB167976BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167976BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 07:45:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.453	1462.6E6	393.6E6	513.597	491.890m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030215.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 06:13
Operator : AR\AJ
Sample : PB167976BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

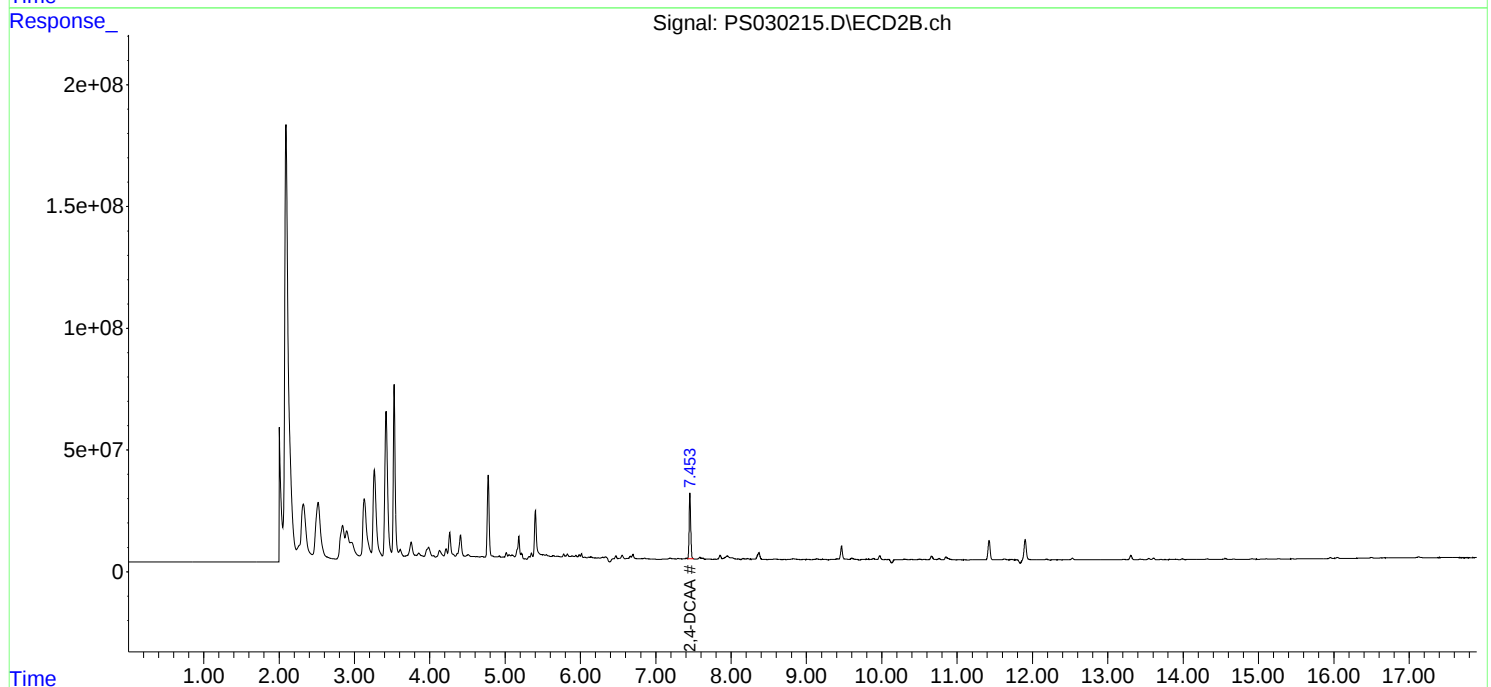
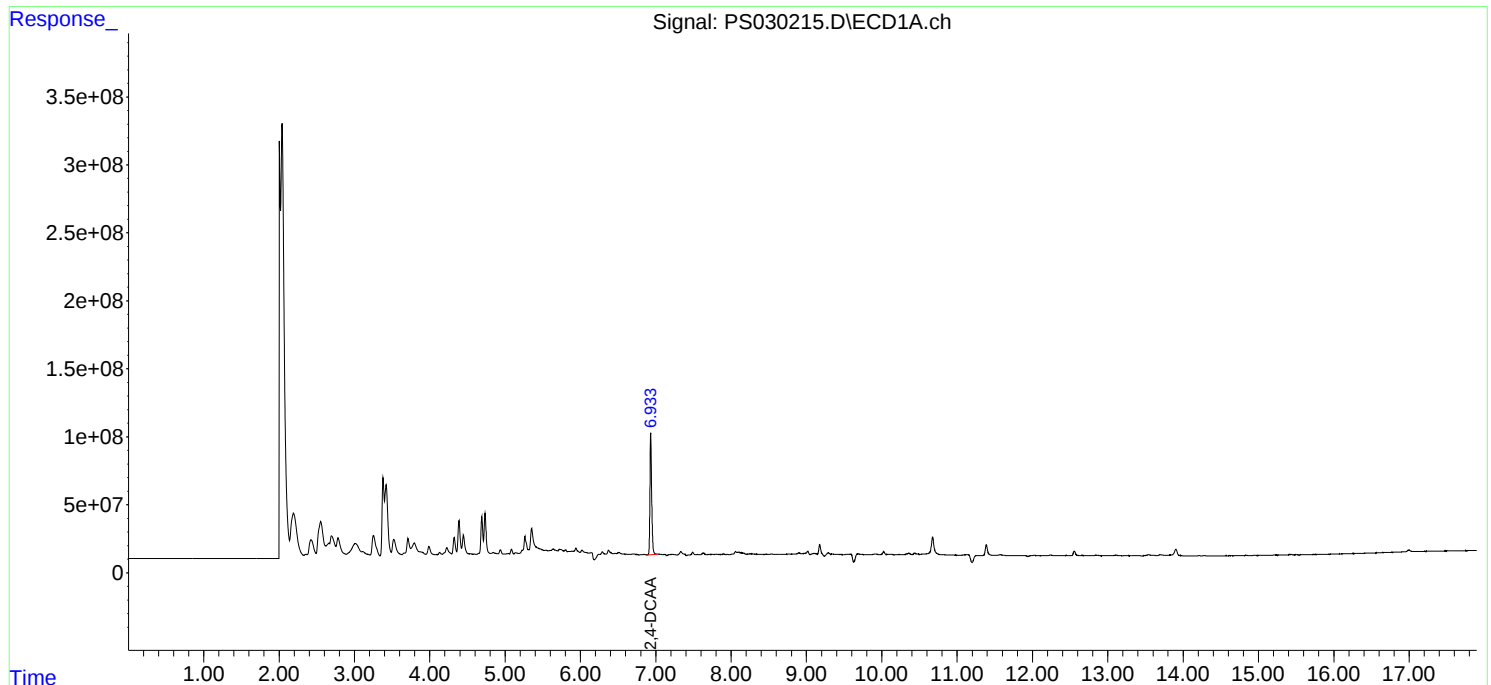
Instrument :
ECD_S
ClientSampleId :
PB167976BL

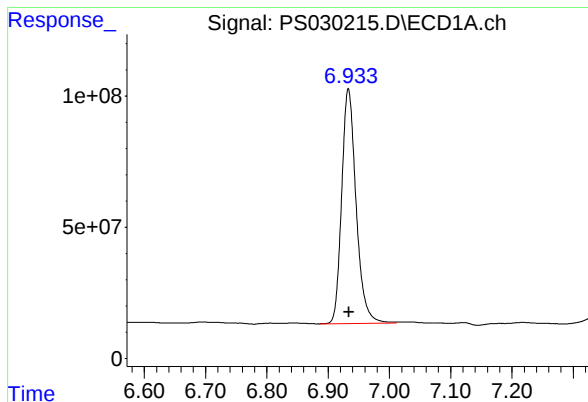
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/19/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 07:45:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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





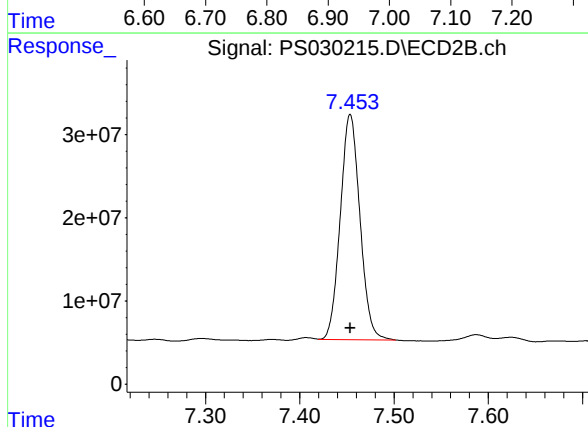
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1462626868
Conc: 513.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167976BL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 393612496
Conc: 491.89 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 06:37
 Operator : AR\AJ
 Sample : PB167976BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB167976BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 07:45:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.934	7.453	1515.8E6	422.7E6	532.286	528.192
Target Compounds							
1) T	Dalapon	2.447	2.520	2339.1E6	963.1E6	475.870	474.165
2) T	3,5-DICHL...	6.139	6.453	2049.9E6	548.7E6	491.519	470.658
3) T	4-Nitroph...	6.724	6.988	1002.1E6	455.0E6	485.128	435.809
5) T	DICAMBA	7.110	7.638	5760.8E6	2333.4E6	498.452	493.537
6) T	MCP	7.288	7.745	368.7E6	90149304	50.629	49.000
7) T	MCPA	7.430	7.975	498.0E6	128.2E6	47.976	48.589
8) T	DICHLORPROP	7.790	8.330	1453.9E6	578.3E6	497.673	489.476
9) T	2,4-D	8.010	8.643	1635.5E6	648.5E6	498.777	502.533
10) T	Pentachlo...	8.287	9.143	20984.0E6	12628.9E6	518.114	511.602
11) T	2,4,5-TP ...	8.850	9.521	8245.5E6	4943.0E6	509.106	501.809
12) T	2,4,5-T	9.132	9.925	8414.8E6	4584.1E6	509.521	498.073
13) T	2,4-DB	9.690	10.482	1365.3E6	439.1E6	523.133	442.486
14) T	DINOSEB	10.850	10.856	5677.7E6	3331.2E6	496.460	487.585
15) T	Picloram	10.671	11.892	10215.1E6	6252.2E6	477.630	444.263m
16) T	DCPA	11.151	11.888	10186.5E6	6258.0E6	511.590	463.192m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 06:37
Operator : AR\AJ
Sample : PB167976BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB167976BS

Manual Integrations

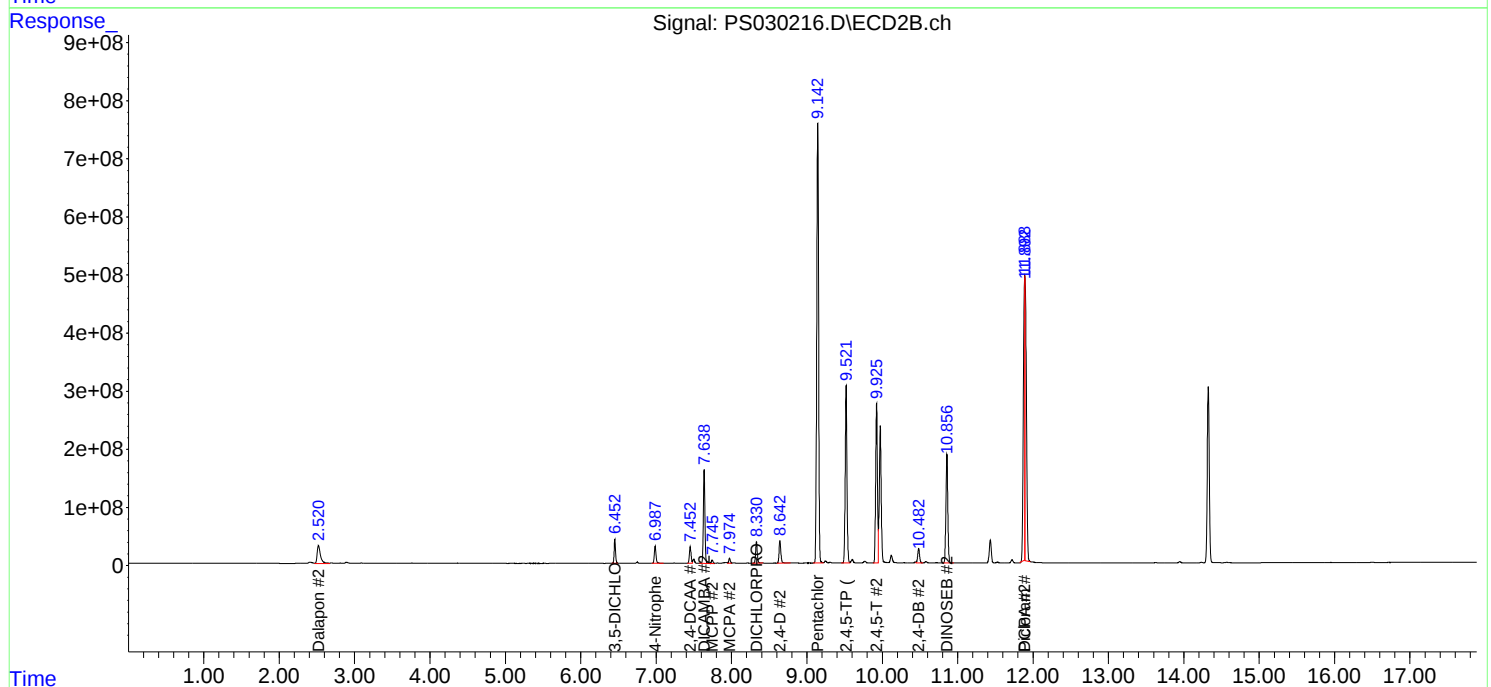
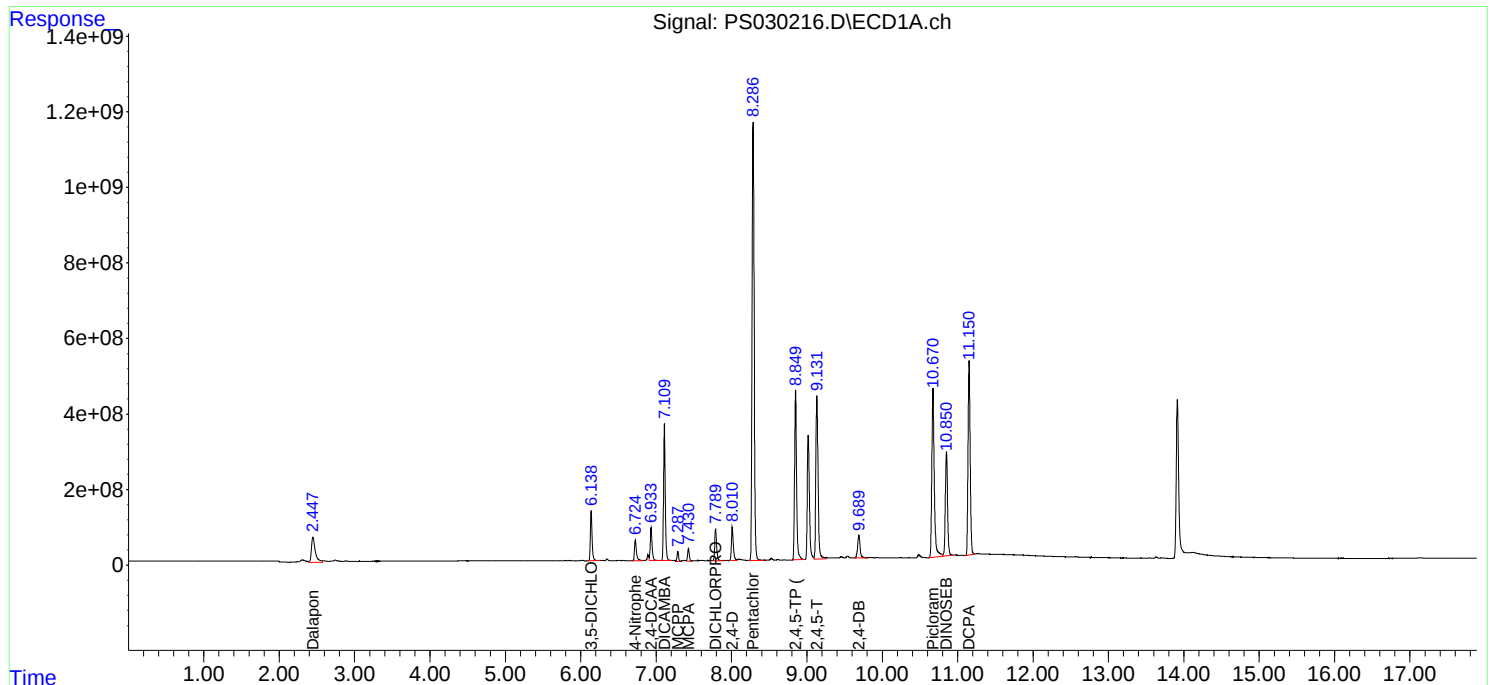
APPROVED

Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 07:45:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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\PS051425\
 Data File : PS030185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 15:53
 Operator : AR\AJ
 Sample : Q2007-07MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-636-COMP-11MS

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:38:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.452	933.8E6	235.0E6	327.905	293.627m
Target Compounds							
1) T	Dalapon	2.441	2.517	1878.5E6	834.6E6	382.172	410.920m
2) T	3,5-DICHL...	6.138	6.452	1279.8E6	325.2E6	306.855	278.979m
3) T	4-Nitroph...	6.723	6.986	583.4E6	261.3E6	282.424	250.266m
5) T	DICAMBA	7.109	7.638	3193.8E6	1266.4E6	276.344	267.849m
6) T	MCP	7.286	7.744	167.7E6	33207076	23.023m	18.050m
7) T	MCPA	7.429	7.973	230.9E6	75630282	22.242	28.673 #
8) T	DICHLORPROP	7.789	8.331	985.9E6	366.7E6	337.495	310.369
9) T	2,4-D	8.009	8.643	1150.1E6	430.8E6	350.762	333.825
10) T	Pentachlo...	8.286	9.143	10571.6E6	6317.0E6	261.021	255.903
11) T	2,4,5-TP ...	8.850	9.522	4757.6E6	3030.0E6	293.750	307.599
12) T	2,4,5-T	9.132	9.925	4617.8E6	2670.1E6	279.607	290.120
13) T	2,4-DB	9.691	10.482	579.7E6	251.0E6	222.132m	252.965m
14) T	DINOSEB	10.851	10.847	243.4E6	120.2E6	21.282	17.601m
15) T	Picloram	10.671	11.890	4725.3E6	3526.7E6	220.944	250.600m
16) T	DCPA	11.152	11.886	5605.1E6	3352.8E6	281.502	248.163m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 15:53
Operator : AR\AJ
Sample : Q2007-07MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

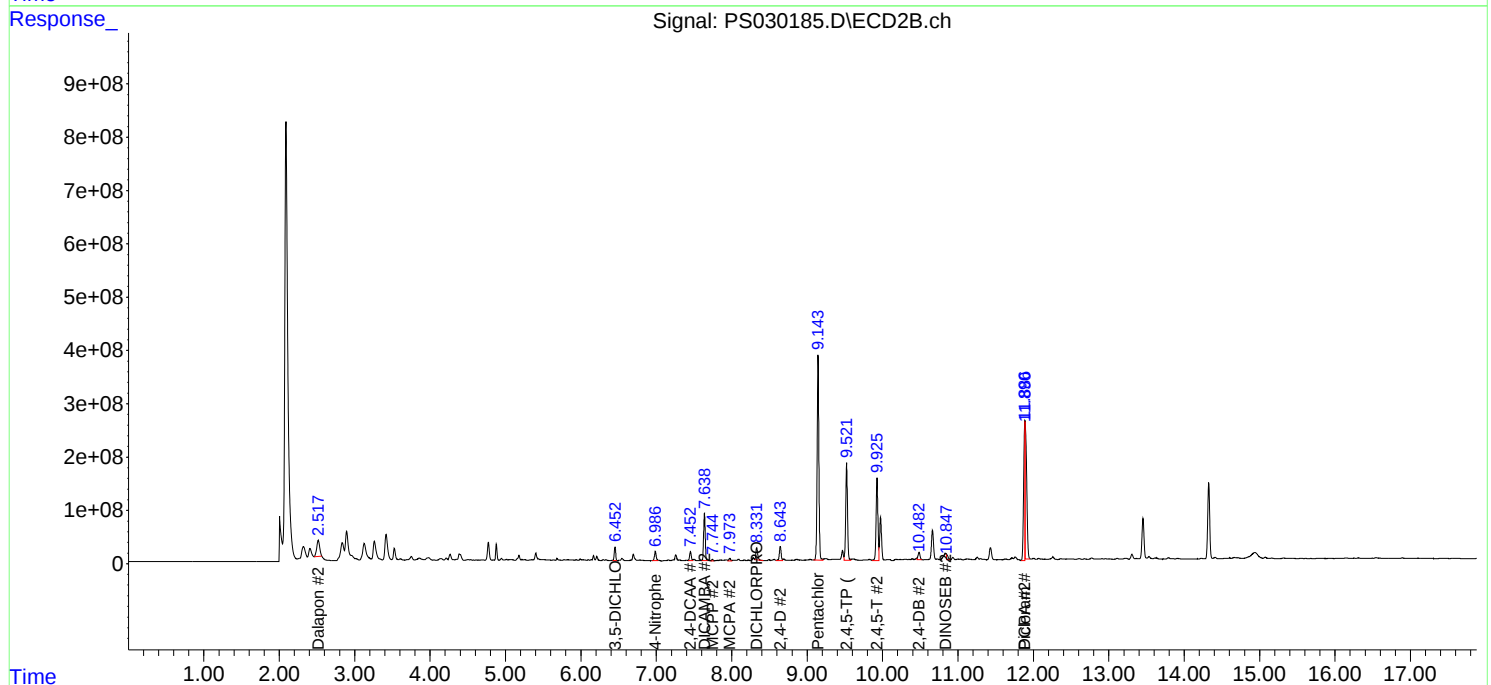
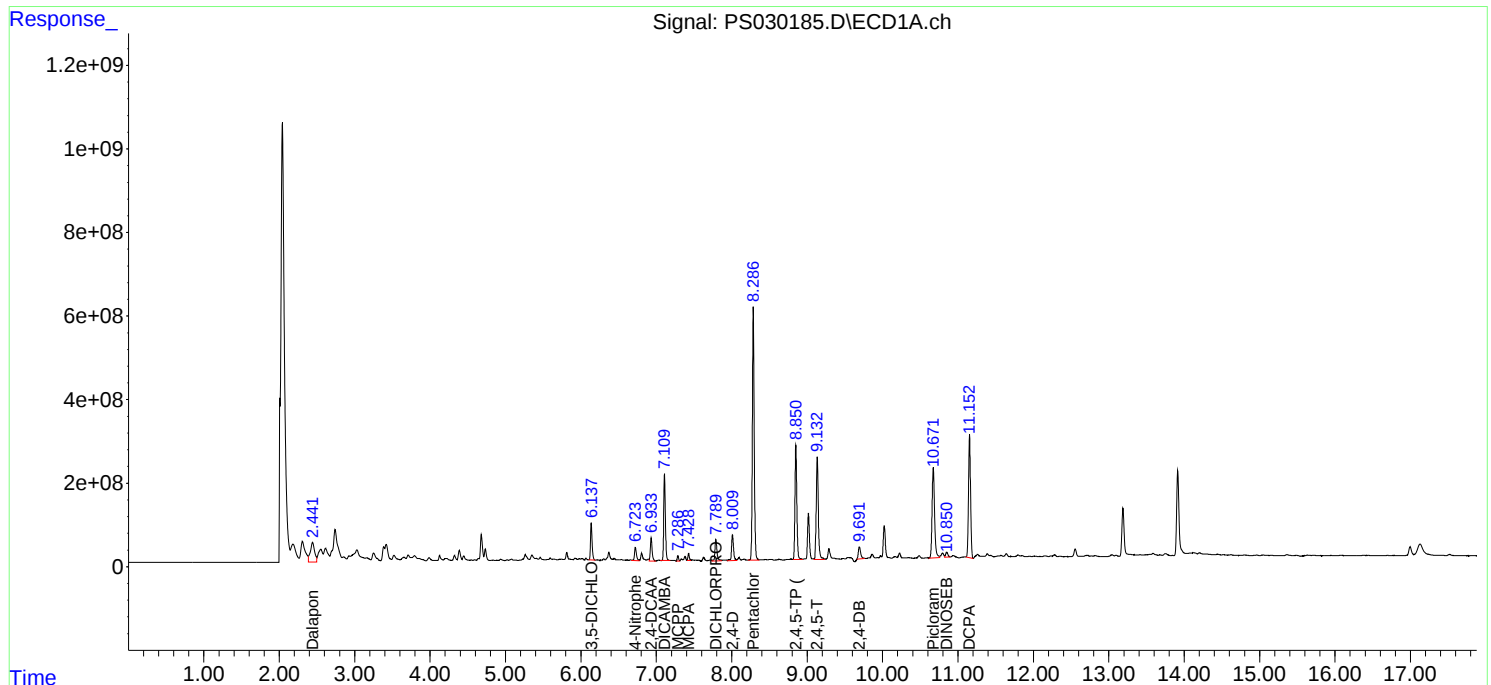
Instrument :
ECD_S
ClientSampleId :
OR-636-COMP-11MS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:38:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 16:17
 Operator : AR\AJ
 Sample : Q2007-07MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-636-COMP-11MSD

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:38:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.452	967.8E6	247.5E6	339.846	309.265m
Target Compounds						
1) T Dalapon	2.441	2.517	1951.8E6	906.3E6	397.084	446.211m
2) T 3,5-DICHL...	6.138	6.452	1333.8E6	344.5E6	319.823	295.520m
3) T 4-Nitroph...	6.723	6.987	610.8E6	268.1E6	295.690	256.811m
5) T DICAMBA	7.109	7.637	3307.9E6	1324.5E6	286.212	280.132m
6) T MCPP	7.286	7.744	161.8E6	33787313	22.214m	18.365m
7) T MCPA	7.428	7.973	240.1E6	83346826	23.129	31.598 #
8) T DICHLORPROP	7.790	8.331	1025.5E6	389.0E6	351.037	329.262
9) T 2,4-D	8.009	8.643	1192.9E6	445.8E6	363.800	345.456
10) T Pentachlo...	8.286	9.143	10963.7E6	6610.3E6	270.704	267.785
11) T 2,4,5-TP ...	8.850	9.521	4926.9E6	3164.2E6	304.204	321.221
12) T 2,4,5-T	9.132	9.925	4795.6E6	2798.2E6	290.373	304.028
13) T 2,4-DB	9.691	10.482	579.3E6	266.1E6	221.991m	268.141m
14) T DINOSEB	10.851	10.848	247.8E6	119.3E6	21.672	17.466m
15) T Picloram	10.671	11.889	4925.5E6	3729.6E6	230.304	265.012m
16) T DCPA	11.152	11.885	5708.0E6	3671.4E6	286.670	271.741m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 16:17
Operator : AR\AJ
Sample : Q2007-07MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

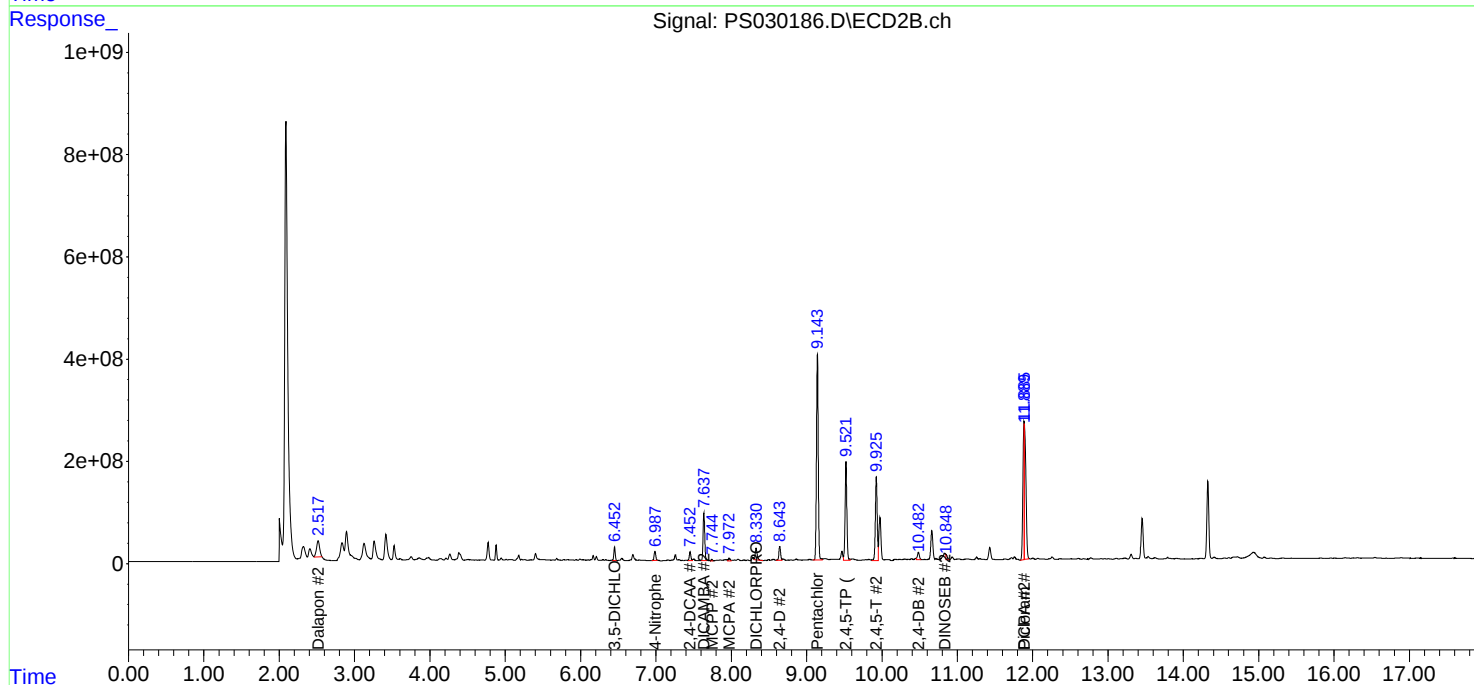
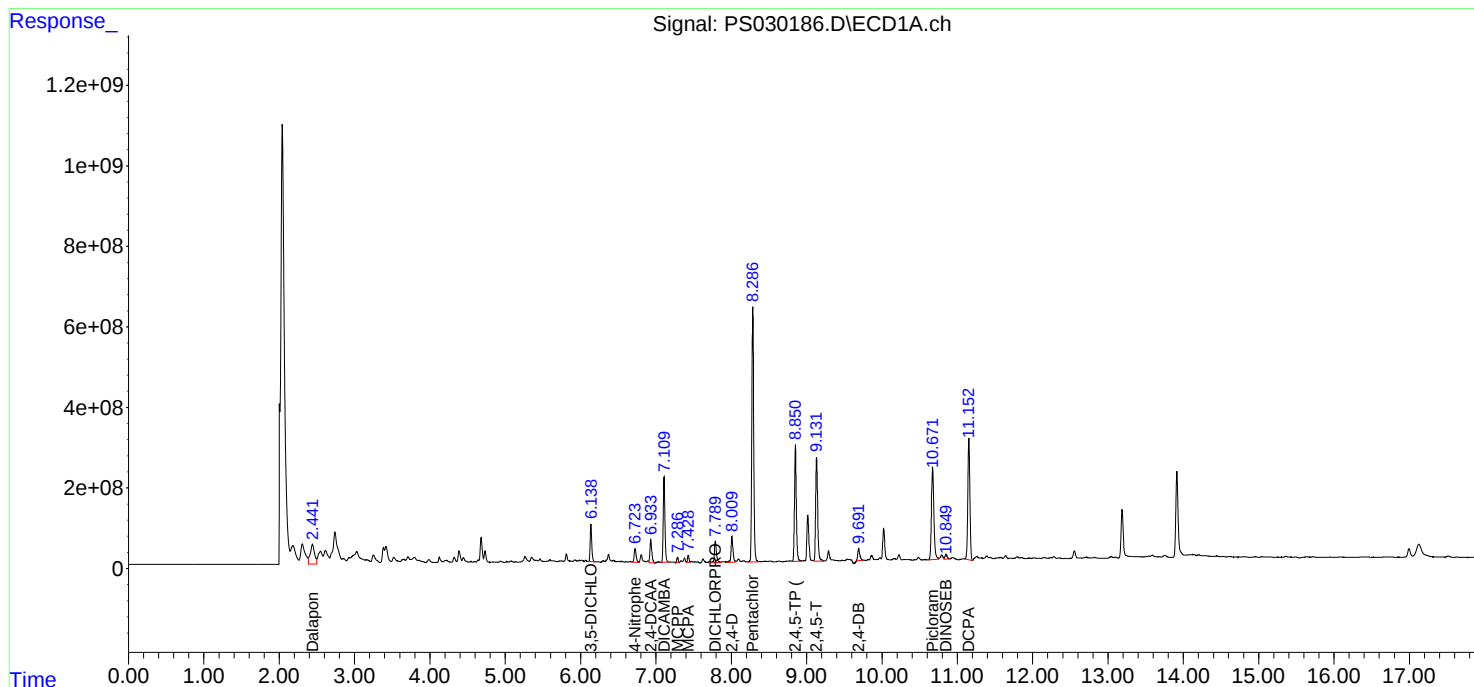
Instrument :
ECD_S
ClientSampleId :
OR-636-COMP-11MSD

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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



Manual Integration Report

Sequence:	PS051225	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030125.D	DCPA #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC200	PS030125.D	Picloram #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	DCPA #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	Picloram #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	DCPA #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	Picloram #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	DCPA #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	Picloram #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	DCPA #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	Picloram #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	DCPA #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	Picloram #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030132.D	DCPA #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:

PS051225

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030132.D	Picloram #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	DCPA #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	Picloram #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	DCPA #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	Picloram #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030168.D	2,4-DB #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030168.D	DCPA #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030168.D	Picloram #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030180.D	DCPA #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030180.D	Picloram #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	2,4-DB	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	2,4-DB #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	2,4-DCAA #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	4-Nitrophenol #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	Dalapon #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	DCPA #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	DICAMBA #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2007-07MS	PS030185.D	DINOSEB #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	MCPD	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	MCPD #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MS	PS030185.D	Picloram #2	Abdul	5/15/2025 9:31:32 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	2,4-DB	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	2,4-DB #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	2,4-DCAA #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	3,5-DICHLOROBENZOIC ACID #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	4-Nitrophenol #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	Dalapon #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	DCPA #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	DICAMBA #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	DINOSEB #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2007-07MSD	PS030186.D	MCPD	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	MCPD #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2007-07MSD	PS030186.D	Picloram #2	Abdul	5/15/2025 9:31:35 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030190.D	DCPA #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030190.D	Picloram #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030202.D	DCPA #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030202.D	Picloram #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030214.D	DCPA #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030214.D	Picloram #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB167976BL	PS030215.D	2,4-DCAA #2	Abdul	5/19/2025 3:52:37 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB167976BS	PS030216.D	DCPA #2	Abdul	5/19/2025 3:52:41 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB167976BS	PS030216.D	Picloram #2	Abdul	5/19/2025 3:52:41 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030221.D	DCPA #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software



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

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030221.D	Picloram #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051525	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030224.D	DCPA #2	Abdul	5/16/2025 10:03:21 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030224.D	Picloram #2	Abdul	5/16/2025 10:03:21 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
I.BLK	PS030235.D	2,4-DCAA #2	Abdul	5/16/2025 10:03:48 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030236.D	DCPA #2	Abdul	5/16/2025 10:03:52 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030236.D	Picloram #2	Abdul	5/16/2025 10:03:52 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
Q2010-01	PS030239.D	2,4-DCAA #2	Abdul	5/16/2025 10:04:03 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
Q2010-02	PS030240.D	2,4-DCAA	Abdul	5/16/2025 10:04:07 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
Q2010-02	PS030240.D	2,4-DCAA #2	Abdul	5/16/2025 10:04:07 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030248.D	DCPA #2	Abdul	5/16/2025 10:04:22 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030248.D	Picloram #2	Abdul	5/16/2025 10:04:22 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030256.D	DCPA #2	Abdul	5/16/2025 10:04:36 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software
HSTDCCC750	PS030256.D	Picloram #2	Abdul	5/16/2025 10:04:36 AM	mohammad	5/20/2025 2:55:26	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PS051525

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 # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PS030123.D	12 May 2025 11:42	AR\AJ	Ok
2	I.BLK	PS030124.D	12 May 2025 12:06	AR\AJ	Ok
3	HSTDICC200	PS030125.D	12 May 2025 12:30	AR\AJ	Ok,M
4	HSTDICC500	PS030126.D	12 May 2025 12:54	AR\AJ	Ok,M
5	HSTDICC750	PS030127.D	12 May 2025 13:18	AR\AJ	Ok,M
6	HSTDICC1000	PS030128.D	12 May 2025 13:42	AR\AJ	Ok,M
7	HSTDICC1500	PS030129.D	12 May 2025 14:06	AR\AJ	Ok,M
8	HSTDICV750	PS030130.D	12 May 2025 14:30	AR\AJ	Ok,M
9	I.BLK	PS030131.D	12 May 2025 14:54	AR\AJ	Ok
10	HSTDCCC750	PS030132.D	12 May 2025 15:18	AR\AJ	Ok,M
11	Q1972-01	PS030133.D	12 May 2025 15:42	AR\AJ	ReRun
12	Q1972-01RE	PS030134.D	12 May 2025 16:58	AR\AJ	Confirms
13	Q1972-05	PS030135.D	12 May 2025 17:46	AR\AJ	Ok,M
14	Q1972-05RE	PS030136.D	12 May 2025 18:10	AR\AJ	Not Ok
15	I.BLK	PS030137.D	12 May 2025 18:34	AR\AJ	Ok
16	HSTDCCC750	PS030138.D	12 May 2025 18:58	AR\AJ	Ok,M
17	PB167968BL	PS030139.D	12 May 2025 19:46	AR\AJ	Ok,M
18	PB167968BS	PS030140.D	12 May 2025 20:10	AR\AJ	Ok,M
19	PB167851TB	PS030141.D	12 May 2025 20:34	AR\AJ	Ok
20	Q1956-05	PS030142.D	12 May 2025 20:59	AR\AJ	Ok,M
21	Q1956-05MS	PS030143.D	12 May 2025 21:23	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	Q1956-05MSD	PS030144.D	12 May 2025 21:47	AR\AJ	Ok,M
23	I.BLK	PS030145.D	12 May 2025 22:11	AR\AJ	Ok
24	HSTDCCC750	PS030146.D	12 May 2025 22:35	AR\AJ	Ok,M

M : Manual Integration



Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PS030166.D	14 May 2025 08:16	AR\AJ	Ok
2	I.BLK	PS030167.D	14 May 2025 08:40	AR\AJ	Ok
3	HSTDCCC750	PS030168.D	14 May 2025 09:04	AR\AJ	Ok,M
4	Q2007-06RE	PS030169.D	14 May 2025 09:28	AR\AJ	Confirms
5	Q2007-12RE	PS030170.D	14 May 2025 09:52	AR\AJ	Confirms
6	Q2007-18RE	PS030171.D	14 May 2025 10:16	AR\AJ	Confirms
7	Q2007-24RE	PS030172.D	14 May 2025 10:40	AR\AJ	Confirms
8	Q2007-30RE	PS030173.D	14 May 2025 11:04	AR\AJ	Confirms
9	Q2007-36RE	PS030174.D	14 May 2025 11:28	AR\AJ	Confirms
10	Q1968-01	PS030175.D	14 May 2025 11:53	AR\AJ	Ok,M
11	Q1968-05	PS030176.D	14 May 2025 12:17	AR\AJ	Ok,M
12	Q2007-01	PS030177.D	14 May 2025 12:41	AR\AJ	Ok
13	Q2007-07	PS030178.D	14 May 2025 13:05	AR\AJ	Ok,M
14	I.BLK	PS030179.D	14 May 2025 13:29	AR\AJ	Ok
15	HSTDCCC750	PS030180.D	14 May 2025 13:53	AR\AJ	Ok,M
16	Q2007-13	PS030181.D	14 May 2025 14:17	AR\AJ	Ok,M
17	Q2007-19	PS030182.D	14 May 2025 14:41	AR\AJ	Ok,M
18	Q2007-25	PS030183.D	14 May 2025 15:05	AR\AJ	Ok,M
19	Q2007-31	PS030184.D	14 May 2025 15:29	AR\AJ	Ok,M
20	Q2007-07MS	PS030185.D	14 May 2025 15:53	AR\AJ	Ok,M
21	Q2007-07MSD	PS030186.D	14 May 2025 16:17	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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			

22	PB167976BL	PS030187.D	14 May 2025 16:41	AR\AJ	Not Ok
23	PB167976BS	PS030188.D	14 May 2025 17:05	AR\AJ	Not Ok
24	I.BLK	PS030189.D	14 May 2025 17:29	AR\AJ	Ok
25	HSTDCCC750	PS030190.D	14 May 2025 17:53	AR\AJ	Ok,M
26	Q2004-01	PS030191.D	14 May 2025 18:17	AR\AJ	Ok
27	Q2004-03	PS030192.D	14 May 2025 18:41	AR\AJ	Ok
28	Q2004-05	PS030193.D	14 May 2025 19:05	AR\AJ	Ok
29	Q2004-07	PS030194.D	14 May 2025 19:29	AR\AJ	Ok
30	Q2004-09	PS030195.D	14 May 2025 19:54	AR\AJ	Ok,M
31	Q2004-11	PS030196.D	14 May 2025 20:18	AR\AJ	Ok,M
32	PB167988BL	PS030197.D	14 May 2025 20:42	AR\AJ	Ok,M
33	PB167988BS	PS030198.D	14 May 2025 21:06	AR\AJ	Not Ok
34	PB167963TB	PS030199.D	14 May 2025 21:30	AR\AJ	Ok,M
35	Q2001-03	PS030200.D	14 May 2025 21:54	AR\AJ	Ok
36	I.BLK	PS030201.D	14 May 2025 22:18	AR\AJ	Ok
37	HSTDCCC750	PS030202.D	14 May 2025 22:42	AR\AJ	Ok,M
38	Q2001-03MS	PS030203.D	14 May 2025 23:06	AR\AJ	Ok,M
39	Q2001-03MSD	PS030204.D	14 May 2025 23:30	AR\AJ	Ok,M
40	Q2001-07	PS030205.D	14 May 2025 23:54	AR\AJ	Ok
41	Q2001-11	PS030206.D	15 May 2025 00:18	AR\AJ	Ok
42	Q2001-15	PS030207.D	15 May 2025 00:42	AR\AJ	Ok,M
43	PB168003BL	PS030208.D	15 May 2025 01:06	AR\AJ	Ok
44	PB168003BS	PS030209.D	15 May 2025 01:30	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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		

45	PB168003BSD	PS030210.D	15 May 2025 01:54	AR\AJ	Ok,M
46	Q2005-01	PS030211.D	15 May 2025 02:19	AR\AJ	Ok,M
47	Q2032-11	PS030212.D	15 May 2025 05:02	AR\AJ	Ok,M
48	I.BLK	PS030213.D	15 May 2025 05:26	AR\AJ	Ok
49	HSTDCCC750	PS030214.D	15 May 2025 05:50	AR\AJ	Ok,M
50	PB167976BL	PS030215.D	15 May 2025 06:13	AR\AJ	Ok,M
51	PB167976BS	PS030216.D	15 May 2025 06:37	AR\AJ	Ok,M
52	Q2017-01	PS030217.D	15 May 2025 07:01	AR\AJ	Ok,M
53	Q2017-05	PS030218.D	15 May 2025 07:25	AR\AJ	Ok,M
54	PB167979BS	PS030219.D	15 May 2025 07:49	AR\AJ	Not Ok
55	I.BLK	PS030220.D	15 May 2025 08:13	AR\AJ	Ok
56	HSTDCCC750	PS030221.D	15 May 2025 08:37	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:55:26 AM
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	PS030222.D	15 May 2025 09:02	AR\AJ	Ok
2	I.BLK	PS030223.D	15 May 2025 09:26	AR\AJ	Ok
3	HSTDCCC750	PS030224.D	15 May 2025 10:18	AR\AJ	Ok,M
4	PB167976BS	PS030225.D	15 May 2025 10:42	AR\AJ	Not Ok
5	PB167988BS	PS030226.D	15 May 2025 11:06	AR\AJ	Ok,M
6	Q1982-01	PS030227.D	15 May 2025 11:39	AR\AJ	Ok,M
7	Q1982-02	PS030228.D	15 May 2025 12:03	AR\AJ	Ok,M
8	Q1982-03	PS030229.D	15 May 2025 12:27	AR\AJ	Ok,M
9	Q1982-04	PS030230.D	15 May 2025 12:51	AR\AJ	Ok
10	Q1982-05	PS030231.D	15 May 2025 13:15	AR\AJ	Ok
11	Q1982-06	PS030232.D	15 May 2025 13:39	AR\AJ	Ok,M
12	Q1982-07	PS030233.D	15 May 2025 14:04	AR\AJ	Ok
13	Q1982-08	PS030234.D	15 May 2025 14:28	AR\AJ	Ok,M
14	I.BLK	PS030235.D	15 May 2025 15:42	AR\AJ	Ok,M
15	HSTDCCC750	PS030236.D	15 May 2025 16:06	AR\AJ	Ok,M
16	Q1982-08MS	PS030237.D	15 May 2025 16:30	AR\AJ	Ok,M
17	Q1982-08MSD	PS030238.D	15 May 2025 16:54	AR\AJ	Ok,M
18	Q2010-01	PS030239.D	15 May 2025 17:18	AR\AJ	Ok,M
19	Q2010-02	PS030240.D	15 May 2025 17:43	AR\AJ	Ok,M
20	Q2010-03	PS030241.D	15 May 2025 18:07	AR\AJ	Ok
21	Q2010-04	PS030242.D	15 May 2025 18:31	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:55:26 AM
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	Q2019-01	PS030243.D	15 May 2025 18:55	AR\AJ	Ok,M
23	Q2020-01	PS030244.D	15 May 2025 19:19	AR\AJ	Ok,M
24	Q1984-01	PS030245.D	15 May 2025 19:43	AR\AJ	Ok
25	Q1984-03	PS030246.D	15 May 2025 20:07	AR\AJ	Ok,M
26	I.BLK	PS030247.D	15 May 2025 20:31	AR\AJ	Ok
27	HSTDCCC750	PS030248.D	15 May 2025 20:55	AR\AJ	Ok,M
28	Q1984-05	PS030249.D	15 May 2025 21:19	AR\AJ	Ok
29	Q1984-07	PS030250.D	15 May 2025 21:43	AR\AJ	Ok,M
30	Q1984-09	PS030251.D	15 May 2025 22:08	AR\AJ	Ok,M
31	Q1984-11	PS030252.D	15 May 2025 22:32	AR\AJ	Ok,M
32	Q1984-13	PS030253.D	15 May 2025 22:56	AR\AJ	Ok
33	Q1984-15	PS030254.D	15 May 2025 23:20	AR\AJ	Ok
34	I.BLK	PS030255.D	15 May 2025 23:44	AR\AJ	Ok
35	HSTDCCC750	PS030256.D	16 May 2025 00:08	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PS030123.D	12 May 2025 11:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS030124.D	12 May 2025 12:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030125.D	12 May 2025 12:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030126.D	12 May 2025 12:54		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030127.D	12 May 2025 13:18		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030128.D	12 May 2025 13:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030129.D	12 May 2025 14:06		AR\AJ	Ok,M
8	HSTDICV750	ICVPS051225	PS030130.D	12 May 2025 14:30		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030131.D	12 May 2025 14:54		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030132.D	12 May 2025 15:18		AR\AJ	Ok,M
11	Q1972-01	SUB-WC	PS030133.D	12 May 2025 15:42	Surrogate high in both column	AR\AJ	ReRun
12	Q1972-01RE	SUB-WCRE	PS030134.D	12 May 2025 16:58	Surrogate high in both column	AR\AJ	Confirms
13	Q1972-05	WC-B-10	PS030135.D	12 May 2025 17:46		AR\AJ	Ok,M
14	Q1972-05RE	WC-B-10RE	PS030136.D	12 May 2025 18:10	not needed	AR\AJ	Not Ok
15	I.BLK	I.BLK	PS030137.D	12 May 2025 18:34		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS030138.D	12 May 2025 18:58		AR\AJ	Ok,M
17	PB167968BL	PB167968BL	PS030139.D	12 May 2025 19:46		AR\AJ	Ok,M
18	PB167968BS	PB167968BS	PS030140.D	12 May 2025 20:10		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PB167851TB	PB167851TB	PS030141.D	12 May 2025 20:34		AR\AJ	Ok
20	Q1956-05	COMP1	PS030142.D	12 May 2025 20:59		AR\AJ	Ok,M
21	Q1956-05MS	COMP1MS	PS030143.D	12 May 2025 21:23	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
22	Q1956-05MSD	COMP1MSD	PS030144.D	12 May 2025 21:47	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
23	I.BLK	I.BLK	PS030145.D	12 May 2025 22:11		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS030146.D	12 May 2025 22:35		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PS030166.D	14 May 2025 08:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS030167.D	14 May 2025 08:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030168.D	14 May 2025 09:04		AR\AJ	Ok,M
4	Q2007-06RE	OR-636-COMP-10RE	PS030169.D	14 May 2025 09:28	Surrogate high in 1st column	AR\AJ	Confirms
5	Q2007-12RE	OR-636-COMP-11RE	PS030170.D	14 May 2025 09:52	Surrogate high in 1st column	AR\AJ	Confirms
6	Q2007-18RE	OR-636-COMP-12RE	PS030171.D	14 May 2025 10:16	Surrogate high in 1st column	AR\AJ	Confirms
7	Q2007-24RE	OR-636-COMP-13RE	PS030172.D	14 May 2025 10:40	Surrogate high in 1st column	AR\AJ	Confirms
8	Q2007-30RE	OR-636-COMP-14RE	PS030173.D	14 May 2025 11:04	Surrogate high in 1st column	AR\AJ	Confirms
9	Q2007-36RE	OR-636-COMP-15RE	PS030174.D	14 May 2025 11:28	Surrogate high in 1st column	AR\AJ	Confirms
10	Q1968-01	MH-N	PS030175.D	14 May 2025 11:53		AR\AJ	Ok,M
11	Q1968-05	MH-M	PS030176.D	14 May 2025 12:17		AR\AJ	Ok,M
12	Q2007-01	OR-636-COMP-10	PS030177.D	14 May 2025 12:41		AR\AJ	Ok
13	Q2007-07	OR-636-COMP-11	PS030178.D	14 May 2025 13:05		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030179.D	14 May 2025 13:29		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030180.D	14 May 2025 13:53		AR\AJ	Ok,M
16	Q2007-13	OR-636-COMP-12	PS030181.D	14 May 2025 14:17		AR\AJ	Ok,M
17	Q2007-19	OR-636-COMP-13	PS030182.D	14 May 2025 14:41		AR\AJ	Ok,M
18	Q2007-25	OR-636-COMP-14	PS030183.D	14 May 2025 15:05		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	Q2007-31	OR-636-COMP-15	PS030184.D	14 May 2025 15:29		AR\AJ	Ok,M
20	Q2007-07MS	OR-636-COMP-11MS	PS030185.D	14 May 2025 15:53	some compound recovery fail	AR\AJ	Ok,M
21	Q2007-07MSD	OR-636-COMP-11MSD	PS030186.D	14 May 2025 16:17	some compound recovery fail	AR\AJ	Ok,M
22	PB167976BL	PB167976BL	PS030187.D	14 May 2025 16:41		AR\AJ	Not Ok
23	PB167976BS	PB167976BS	PS030188.D	14 May 2025 17:05		AR\AJ	Not Ok
24	I.BLK	I.BLK	PS030189.D	14 May 2025 17:29		AR\AJ	Ok
25	HSTDCCC750	HSTDCCC750	PS030190.D	14 May 2025 17:53		AR\AJ	Ok,M
26	Q2004-01	VNJ-220	PS030191.D	14 May 2025 18:17		AR\AJ	Ok
27	Q2004-03	2811	PS030192.D	14 May 2025 18:41		AR\AJ	Ok
28	Q2004-05	R0202	PS030193.D	14 May 2025 19:05		AR\AJ	Ok
29	Q2004-07	205510	PS030194.D	14 May 2025 19:29		AR\AJ	Ok
30	Q2004-09	SOIL-STOCK	PS030195.D	14 May 2025 19:54		AR\AJ	Ok,M
31	Q2004-11	STONE-STOCK	PS030196.D	14 May 2025 20:18		AR\AJ	Ok,M
32	PB167988BL	PB167988BL	PS030197.D	14 May 2025 20:42		AR\AJ	Ok,M
33	PB167988BS	PB167988BS	PS030198.D	14 May 2025 21:06	Looks like BL	AR\AJ	Not Ok
34	PB167963TB	PB167963TB	PS030199.D	14 May 2025 21:30		AR\AJ	Ok,M
35	Q2001-03	WC-A4-03-C	PS030200.D	14 May 2025 21:54		AR\AJ	Ok
36	I.BLK	I.BLK	PS030201.D	14 May 2025 22:18		AR\AJ	Ok
37	HSTDCCC750	HSTDCCC750	PS030202.D	14 May 2025 22:42		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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			

38	Q2001-03MS	WC-A4-03-CMS	PS030203.D	14 May 2025 23:06	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
39	Q2001-03MSD	WC-A4-03-CMSD	PS030204.D	14 May 2025 23:30	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
40	Q2001-07	WC-A1-05-C	PS030205.D	14 May 2025 23:54		AR\AJ	Ok
41	Q2001-11	WC-A1-06-C	PS030206.D	15 May 2025 00:18		AR\AJ	Ok
42	Q2001-15	WC-A1-07-C	PS030207.D	15 May 2025 00:42		AR\AJ	Ok,M
43	PB168003BL	PB168003BL	PS030208.D	15 May 2025 01:06		AR\AJ	Ok
44	PB168003BS	PB168003BS	PS030209.D	15 May 2025 01:30		AR\AJ	Ok,M
45	PB168003BSD	PB168003BSD	PS030210.D	15 May 2025 01:54		AR\AJ	Ok,M
46	Q2005-01	252806	PS030211.D	15 May 2025 02:19		AR\AJ	Ok,M
47	Q2032-11	FB-05132025	PS030212.D	15 May 2025 05:02		AR\AJ	Ok,M
48	I.BLK	I.BLK	PS030213.D	15 May 2025 05:26		AR\AJ	Ok
49	HSTDCCC750	HSTDCCC750	PS030214.D	15 May 2025 05:50		AR\AJ	Ok,M
50	PB167976BL	PB167976BL	PS030215.D	15 May 2025 06:13		AR\AJ	Ok,M
51	PB167976BS	PB167976BS	PS030216.D	15 May 2025 06:37		AR\AJ	Ok,M
52	Q2017-01	MH-I	PS030217.D	15 May 2025 07:01		AR\AJ	Ok,M
53	Q2017-05	MH-J	PS030218.D	15 May 2025 07:25		AR\AJ	Ok,M
54	PB167979BS	PB167979BS	PS030219.D	15 May 2025 07:49	typo	AR\AJ	Not Ok
55	I.BLK	I.BLK	PS030220.D	15 May 2025 08:13		AR\AJ	Ok
56	HSTDCCC750	HSTDCCC750	PS030221.D	15 May 2025 08:37		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PP24562		
MS/MSD Standard LCS Standard			

M : Manual Integration

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Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:55:26 AM
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	PS030222.D	15 May 2025 09:02		AR\AJ	Ok
2	I.BLK	I.BLK	PS030223.D	15 May 2025 09:26		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030224.D	15 May 2025 10:18		AR\AJ	Ok,M
4	PB167976BS	PB167976BS	PS030225.D	15 May 2025 10:42		AR\AJ	Not Ok
5	PB167988BS	PB167988BS	PS030226.D	15 May 2025 11:06		AR\AJ	Ok,M
6	Q1982-01	TP-1	PS030227.D	15 May 2025 11:39		AR\AJ	Ok,M
7	Q1982-02	TP-2B	PS030228.D	15 May 2025 12:03		AR\AJ	Ok,M
8	Q1982-03	TP-3	PS030229.D	15 May 2025 12:27		AR\AJ	Ok,M
9	Q1982-04	TP-4	PS030230.D	15 May 2025 12:51		AR\AJ	Ok
10	Q1982-05	TP-5	PS030231.D	15 May 2025 13:15		AR\AJ	Ok
11	Q1982-06	TP-6	PS030232.D	15 May 2025 13:39		AR\AJ	Ok,M
12	Q1982-07	TP-8	PS030233.D	15 May 2025 14:04		AR\AJ	Ok
13	Q1982-08	TP-9	PS030234.D	15 May 2025 14:28		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030235.D	15 May 2025 15:42		AR\AJ	Ok,M
15	HSTDCCC750	HSTDCCC750	PS030236.D	15 May 2025 16:06		AR\AJ	Ok,M
16	Q1982-08MS	TP-9MS	PS030237.D	15 May 2025 16:30		AR\AJ	Ok,M
17	Q1982-08MSD	TP-9MSD	PS030238.D	15 May 2025 16:54		AR\AJ	Ok,M
18	Q2010-01	TP-10	PS030239.D	15 May 2025 17:18		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051525

Review By	Abdul	Review On	5/16/2025 10:05:06 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:55:26 AM
SubDirectory	PS051525	HP Acquire Method	HP Processing Method ps051225 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	Q2010-02	TP-13	PS030240.D	15 May 2025 17:43		AR\AJ	Ok,M
20	Q2010-03	TP-14	PS030241.D	15 May 2025 18:07		AR\AJ	Ok
21	Q2010-04	TP-17	PS030242.D	15 May 2025 18:31		AR\AJ	Ok
22	Q2019-01	MH-K	PS030243.D	15 May 2025 18:55		AR\AJ	Ok,M
23	Q2020-01	TP-A	PS030244.D	15 May 2025 19:19		AR\AJ	Ok,M
24	Q1984-01	OU4-PCS-TC-33-05072	PS030245.D	15 May 2025 19:43		AR\AJ	Ok
25	Q1984-03	OU4-PCS-TC-34-05072	PS030246.D	15 May 2025 20:07		AR\AJ	Ok,M
26	I.BLK	I.BLK	PS030247.D	15 May 2025 20:31		AR\AJ	Ok
27	HSTDCCC750	HSTDCCC750	PS030248.D	15 May 2025 20:55		AR\AJ	Ok,M
28	Q1984-05	OU4-PCS-TC-35-05072	PS030249.D	15 May 2025 21:19		AR\AJ	Ok
29	Q1984-07	OU4-TS-24-050725	PS030250.D	15 May 2025 21:43		AR\AJ	Ok,M
30	Q1984-09	OU4-TS-25-050725	PS030251.D	15 May 2025 22:08		AR\AJ	Ok,M
31	Q1984-11	OU4-TS-26-050725	PS030252.D	15 May 2025 22:32		AR\AJ	Ok,M
32	Q1984-13	OU4-TS-27-050725	PS030253.D	15 May 2025 22:56		AR\AJ	Ok
33	Q1984-15	OU4-TS-28-050725	PS030254.D	15 May 2025 23:20		AR\AJ	Ok
34	I.BLK	I.BLK	PS030255.D	15 May 2025 23:44		AR\AJ	Ok
35	HSTDCCC750	HSTDCCC750	PS030256.D	16 May 2025 00:08		AR\AJ	Ok,M

M : Manual Integration

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SOP ID:	M8151A-Herbicide-22		
Clean Up SOP #:	N/A	Extraction Start Date :	05/13/2025
Matrix :	Solid	Extraction Start Time :	10:35
Weigh By:	EH	Extraction By:	RJ
Balance check:	RJ	Filter By:	RJ
Balance ID:	EX-SC-2	pH Meter ID:	N/A
pH Strip Lot#:	E3880	Hood ID:	3,4,5,7
Extraction Method:	☐ Separatory Funnel	☐ Continuous Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☒ Soxhlet
		Extraction End Date :	05/13/2025
		Extraction End Time :	17:45
		Concentration By:	EH
		Supervisor By :	RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24552
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Acidified Na2SO4	N/A	EP2576
Sand	N/A	E2865
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2594
Methylene Chloride	N/A	E3930
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3933
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 BTS723.

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
5/13/25	RS (BTL Lab)	DR. Pest-IPCB Lab
17:50	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/13/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167976BL	HBLK976	Herbicide	30.01	N/A	ritesh	Evelyn	10			U6-1
PB167976BS	HLCS976	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q1968-01	MH-N	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q1968-05	MH-M	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2004-01	VNJ-220	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q2004-03	2811	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2004-05	R0202	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		U3-1
Q2004-07	205510	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q2004-09	SOIL-STOCK	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2004-11	STONE-STOCK	Herbicide	30.01	N/A	ritesh	Evelyn	10	E	Stone	4
Q2007-01	OR-636-COMP-10	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		5
Q2007-07	OR-636-COMP-11	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2007-07MS	OR-636-COMP-11MS	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U2-1
Q2007-07MS D	OR-636-COMP-11MSD	Herbicide	30.03	N/A	ritesh	Evelyn	10	E		2
Q2007-13	OR-636-COMP-12	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		3
Q2007-19	OR-636-COMP-13	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		4
Q2007-25	OR-636-COMP-14	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		5
Q2007-31	OR-636-COMP-15	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		6
Q2010-01	TP-10	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		U1-1
Q2010-02	TP-13	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		2
Q2010-03	TP-14	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q2010-04	TP-17	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		4
Q2017-01	MH-I	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		5
Q2017-05	MH-J	Herbicide	30.01	N/A	ritesh	Evelyn	10	A		6

6346691
10:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1968H WorkList ID : 189484 Department : Extraction Date : 05-13-2025 09:01:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1968-01	MH-N	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/06/2025	8151A
Q1968-05	MH-M	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/06/2025	8151A
Q2004-01	VNJ-220	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2004-03	2811	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2004-05	R0202	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2004-07	205510	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2004-09	SOIL-STOCK	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2004-11	STONE-STOCK	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-01	OR-636-COMP-10	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-07	OR-636-COMP-11	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-13	OR-636-COMP-12	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-19	OR-636-COMP-13	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-25	OR-636-COMP-14	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2007-31	OR-636-COMP-15	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2010-01	TP-10	Solid	Herbicide	Cool 4 deg C	CAMP02	L51	05/08/2025	8151A
Q2010-02	TP-13	Solid	Herbicide	Cool 4 deg C	CAMP02	L51	05/08/2025	8151A
Q2010-03	TP-14	Solid	Herbicide	Cool 4 deg C	CAMP02	L51	05/08/2025	8151A
Q2010-04	TP-17	Solid	Herbicide	Cool 4 deg C	CAMP02	L51	05/08/2025	8151A
Q2017-01	MH-I	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/12/2025	8151A
Q2017-05	MH-J	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/12/2025	8151A

Date/Time 05/13/25 10:30
Raw Sample Received by: RJ [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 05/13/25 11:05
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ L FEA - (200)



LAB CHRONICLE

OrderID:	Q2010	OrderDate:	5/9/2025 4:00:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2010-01	TP-10	SOIL			05/08/25			05/09/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			Herbicide	8151A		05/13/25	05/15/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-02	TP-13	SOIL			05/08/25			05/09/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/14/25	
			Herbicide	8151A		05/13/25	05/15/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-03	TP-14	SOIL			05/08/25			05/09/25
			Diesel Range Organics	8015D		05/13/25	05/13/25	
			Gasoline Range Organics	8015D			05/13/25	
			Herbicide	8151A		05/13/25	05/15/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	
Q2010-04	TP-17	SOIL			05/08/25			05/09/25
			Diesel Range Organics	8015D		05/13/25	05/14/25	
			Gasoline Range Organics	8015D			05/13/25	
			Herbicide	8151A		05/13/25	05/15/25	
			PCB	8082A		05/14/25	05/14/25	
			Pesticide-TCL	8081B		05/13/25	05/13/25	