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SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 17:57	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	1	0.15	1.09	mg/kg	FF015746.D
Aliphatic C12-C16	Aliphatic C12-C16	1.81		1	0.12	0.73	mg/kg	FF015746.D
Aliphatic C16-C21	Aliphatic C16-C21	0.71	J	1	0.14	1.09	mg/kg	FF015746.D
Aliphatic C21-C28	Aliphatic C21-C28	0.90	J	1	0.58	1.45	mg/kg	FF015746.D
Aliphatic C28-C40	Aliphatic C28-C40	2.79		1	1.28	2.17	mg/kg	FF015746.D
Aromatic C10-C12	Aromatic C10-C12	0.59	J	1	0.13	0.73	mg/kg	FG015576.D
Aromatic C12-C16	Aromatic C12-C16	0.82	J	1	0.25	1.09	mg/kg	FG015576.D
Aromatic C16-C21	Aromatic C16-C21	2.83		1	0.44	1.81	mg/kg	FG015576.D
Aromatic C21-C36	Aromatic C21-C36	1.41	J	1	1.29	2.90	mg/kg	FG015576.D
Total AliphaticEPH	Total AliphaticEPH	6.52	J		2.27	6.53	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.65	J		2.10	6.53	mg/kg	
Total EPH	Total EPH	12.2	J		4.37	13.1	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015746.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	0.15	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.81		0.12	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.71	J	0.14	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	J	0.58	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.79		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.5		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-01	Acq On:	28 Mar 2025 17:57
Client Sample ID:	P001-BBDGA-001-01	Operator:	YP\AJ
Data file:	FF015746.D	Misc:	
Instrument:	FID_F	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.833	556682	4.333	300	ug/ml
Aliphatic C12-C16	6.834	10.268	3282160	24.938	200	ug/ml
Aliphatic C16-C21	10.269	13.634	1319596	9.748	300	ug/ml
Aliphatic C21-C28	13.635	17.200	1648508	12.462	400	ug/ml
Aliphatic C28-C40	17.201	22.202	4155991	38.429	600	ug/ml
Aliphatic EPH	3.211	22.202	10962937	89.91		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.373	13.373	5953433	52.46		ug/ml
Aliphatic C9-C28	3.211	17.200	6806946	51.481	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015576.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.59	J	0.13	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.82	J	0.25	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.83		0.44	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.41	J	1.29	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.8		40 - 140	78%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-01	Acq On:	28 Mar 2025 17:57
Client Sample ID:	P001-BBDGA-001-01	Operator:	YP\AJ
Data file:	FG015576.D	Misc:	
Instrument:	FID_G	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1085495	8.101	200	ug/ml
Aromatic C12-C16	6.330	9.039	1559916	11.374	300	ug/ml
Aromatic C16-C21	9.040	13.371	5437926	39.007	500	ug/ml
Aromatic C21-C36	13.372	18.837	2531506	19.444	800	ug/ml
Aromatic EPH	4.449	18.837	10614843	77.925		ug/ml
2-Bromonaphthalene (SURR)	7.964	7.964	4736444	38.77		ug/ml
2-Fluorobiphenyl (SURR)	8.842	8.842	2337684	28.28		ug/ml
ortho-Terphenyl (SURR)	11.916	11.916	4599447	31.54		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-04	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 17:59	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	10.1	J	1	8.28	30.0	ug/l	FC068472.D
Aliphatic C12-C16	Aliphatic C12-C16	32.9		1	13.5	20.0	ug/l	FC068472.D
Aliphatic C16-C21	Aliphatic C16-C21	13.6	J	1	8.34	30.0	ug/l	FC068472.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068472.D
Aliphatic C28-C40	Aliphatic C28-C40	39.1	J	1	23.8	60.0	ug/l	FC068472.D
Aromatic C10-C12	Aromatic C10-C12	15.9	J	1	2.07	20.0	ug/l	FG015598.D
Aromatic C12-C16	Aromatic C12-C16	65.6		1	4.26	30.0	ug/l	FG015598.D
Aromatic C16-C21	Aromatic C16-C21	67.4		1	8.27	50.0	ug/l	FG015598.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015598.D
Total AliphaticEPH	Total AliphaticEPH	95.7	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	149	J		38.4	180	ug/l	
Total EPH	Total EPH	245	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-001-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-04		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068472.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	10.1	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	32.9		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	13.6	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	39.1	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-04	Acq On:	01 Apr 2025 17:59
Client Sample ID:	P001-BBDGA-001-01	Operator:	YP/AJ
Data file:	FC068472.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	815790	5.026	300	ug/ml
Aliphatic C12-C16	6.360	9.742	2768396	16.46	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1162612	6.779	300	ug/ml
Aliphatic C21-C28	13.097	16.749	824245	4.881	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2658895	19.526	600	ug/ml
Aliphatic EPH	3.097	21.544	8229938	52.671		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	6129327	41.12		ug/ml
Aliphatic C9-C28	3.097	16.749	5571043	33.146	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-001-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-04		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015598.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	15.9	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	65.6		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	67.4		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.1		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.5		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.1		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-04	Acq On:	01 Apr 2025 17:29
Client Sample ID:	P001-BBDGA-001-01	Operator:	YP\AJ
Data file:	FG015598.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1066109	7.956	200	ug/ml
Aromatic C12-C16	6.330	9.035	4496241	32.783	300	ug/ml
Aromatic C16-C21	9.036	13.365	4700633	33.718	500	ug/ml
Aromatic C21-C36	13.366	18.829	1497442	11.502	800	ug/ml
Aromatic EPH	4.450	18.829	11760425	85.959		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	6142442	42.12		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	5263544	43.09		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	2769876	33.51		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 19:55	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.54	J	1	0.15	1.09	mg/kg	FF015750.D
Aliphatic C12-C16	Aliphatic C12-C16	2.80		1	0.12	0.72	mg/kg	FF015750.D
Aliphatic C16-C21	Aliphatic C16-C21	1.23		1	0.14	1.09	mg/kg	FF015750.D
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	1	0.58	1.45	mg/kg	FF015750.D
Aliphatic C28-C40	Aliphatic C28-C40	2.71		1	1.28	2.17	mg/kg	FF015750.D
Aromatic C10-C12	Aromatic C10-C12	0.60	J	1	0.13	0.72	mg/kg	FG015580.D
Aromatic C12-C16	Aromatic C12-C16	0.89	J	1	0.25	1.09	mg/kg	FG015580.D
Aromatic C16-C21	Aromatic C16-C21	4.63		1	0.43	1.81	mg/kg	FG015580.D
Aromatic C21-C36	Aromatic C21-C36	1.39	J	1	1.29	2.90	mg/kg	FG015580.D
Total AliphaticEPH	Total AliphaticEPH	8.39			2.27	6.52	mg/kg	
Total AromaticEPH	Total AromaticEPH	7.51			2.10	6.52	mg/kg	
Total EPH	Total EPH	15.9			4.37	13.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015750.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.54	J	0.15	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.80		0.12	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.23		0.14	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	0.58	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.71		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.1		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-07	Acq On:	28 Mar 2025 19:55
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP\AJ
Data file:	FF015750.D	Misc:	
Instrument:	FID_F	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.833	954005	7.426	300	ug/ml
Aliphatic C12-C16	6.834	10.268	5088258	38.66	200	ug/ml
Aliphatic C16-C21	10.269	13.634	2290918	16.923	300	ug/ml
Aliphatic C21-C28	13.635	17.200	2026782	15.322	400	ug/ml
Aliphatic C28-C40	17.201	22.202	4052122	37.469	600	ug/ml
Aliphatic EPH	3.211	22.202	14412085	115.8		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	3868576	34.09		ug/ml
Aliphatic C9-C28	3.211	17.200	10359963	78.331	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015580.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.60	J	0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.89	J	0.25	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	4.63		0.43	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.39	J	1.29	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	33.6		40 - 140	67%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	24.5		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.0		40 - 140	40%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-07	Acq On:	28 Mar 2025 19:55
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP\AJ
Data file:	FG015580.D	Misc:	
Instrument:	FID_G	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1105429	8.25	200	ug/ml
Aromatic C12-C16	6.330	9.039	1691156	12.331	300	ug/ml
Aromatic C16-C21	9.040	13.371	8917449	63.965	500	ug/ml
Aromatic C21-C36	13.372	18.837	2506350	19.251	800	ug/ml
Aromatic EPH	4.449	18.837	14220384	103.797		ug/ml
2-Bromonaphthalene (SURR)	7.964	7.964	4099312	33.56		ug/ml
2-Fluorobiphenyl (SURR)	8.842	8.842	2028349	24.54		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	2923106	20.04		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 19:51	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.49	J	1	8.28	30.0	ug/l	FC068475.D
Aliphatic C12-C16	Aliphatic C12-C16	24.8		1	13.5	20.0	ug/l	FC068475.D
Aliphatic C16-C21	Aliphatic C16-C21	13.0	J	1	8.34	30.0	ug/l	FC068475.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068475.D
Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	1	23.8	60.0	ug/l	FC068475.D
Aromatic C10-C12	Aromatic C10-C12	11.7	J	1	2.07	20.0	ug/l	FG015601.D
Aromatic C12-C16	Aromatic C12-C16	22.9	J	1	4.26	30.0	ug/l	FG015601.D
Aromatic C16-C21	Aromatic C16-C21	57.3		1	8.27	50.0	ug/l	FG015601.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015601.D
Total AliphaticEPH	Total AliphaticEPH	85.7	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	91.9	J		38.4	180	ug/l	
Total EPH	Total EPH	178	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068475.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.49	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	24.8		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	13.0	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-08	Acq On:	01 Apr 2025 19:51
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP/AJ
Data file:	FC068475.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	688918	4.244	300	ug/ml
Aliphatic C12-C16	6.360	9.742	2087736	12.413	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1112234	6.485	300	ug/ml
Aliphatic C21-C28	13.097	16.749	1001665	5.932	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2680734	19.686	600	ug/ml
Aliphatic EPH	3.097	21.544	7571287	48.76		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	6402050	42.95		ug/ml
Aliphatic C9-C28	3.097	16.749	4890553	29.074	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-02	SDG No.:	Q1664
Lab Sample ID:	Q1664-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015601.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.7	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	22.9	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	57.3		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.4		40 - 140	87%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	34.9		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.8		40 - 140	86%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-08	Acq On:	01 Apr 2025 18:57
Client Sample ID:	P001-BBDGA-001-02	Operator:	YP\AJ
Data file:	FG015601.D	Misc:	
Instrument:	FID_G	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	783488	5.847	200	ug/ml
Aromatic C12-C16	6.330	9.035	1573562	11.473	300	ug/ml
Aromatic C16-C21	9.036	13.365	3995267	28.658	500	ug/ml
Aromatic C21-C36	13.366	18.829	2157691	16.573	800	ug/ml
Aromatic EPH	4.450	18.829	8510008	62.551		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	6234413	42.75		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	5297311	43.37		ug/ml
2-Fluorobiphenyl (SURR)	8.839	8.839	2886272	34.92		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 16:48	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.42	J	1	0.15	1.07	mg/kg	FC068433.D
Aliphatic C12-C16	Aliphatic C12-C16	0.99		1	0.12	0.71	mg/kg	FC068433.D
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	1	0.14	1.07	mg/kg	FC068433.D
Aliphatic C21-C28	Aliphatic C21-C28	0.98	J	1	0.57	1.42	mg/kg	FC068433.D
Aliphatic C28-C40	Aliphatic C28-C40	1.74	J	1	1.26	2.14	mg/kg	FC068433.D
Aromatic C10-C12	Aromatic C10-C12	0.64	J	1	0.13	0.71	mg/kg	FG015581.D
Aromatic C12-C16	Aromatic C12-C16	4.06		1	0.25	1.07	mg/kg	FG015581.D
Aromatic C16-C21	Aromatic C16-C21	2.67		1	0.43	1.78	mg/kg	FG015581.D
Aromatic C21-C36	Aromatic C21-C36	1.27	U	1	1.27	2.85	mg/kg	FG015581.D
Total AliphaticEPH	Total AliphaticEPH	4.61	J		2.23	6.41	mg/kg	
Total AromaticEPH	Total AromaticEPH	7.37			2.07	6.41	mg/kg	
Total EPH	Total EPH	12.0	J		4.30	12.8	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068433.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.42	J	0.15	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.99		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	0.14	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.98	J	0.57	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.74	J	1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-09	Acq On:	28 Mar 2025 16:48
Client Sample ID:	P001-BBDGA-002-01	Operator:	YP/AJ
Data file:	FC068433.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	945621	5.826	300	ug/ml
Aliphatic C12-C16	6.361	9.742	2339416	13.909	200	ug/ml
Aliphatic C16-C21	9.743	13.094	1178746	6.873	300	ug/ml
Aliphatic C21-C28	13.095	16.746	2315792	13.713	400	ug/ml
Aliphatic C28-C40	16.747	21.538	3329027	24.447	600	ug/ml
Aliphatic EPH	3.100	21.538	10108602	64.768		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	4654577	31.22		ug/ml
Aliphatic C9-C28	3.100	16.746	6779575	40.321	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015581.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.64	J	0.13	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.06		0.25	1.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.67		0.43	1.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.27	U	1.27	2.85	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.7		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.5		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.3		40 - 140	46%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-09	Acq On:	28 Mar 2025 20:24
Client Sample ID:	P001-BBDGA-002-01	Operator:	YP\AJ
Data file:	FG015581.D	Misc:	
Instrument:	FID_G	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1206931	9.007	200	ug/ml
Aromatic C12-C16	6.330	9.039	7817661	57	300	ug/ml
Aromatic C16-C21	9.040	13.371	5230452	37.518	500	ug/ml
Aromatic C21-C36	13.372	18.837	2088001	16.038	800	ug/ml
Aromatic EPH	4.449	18.837	16343045	119.563		ug/ml
2-Bromonaphthalene (SURRE)	7.964	7.964	6074548	49.73		ug/ml
2-Fluorobiphenyl (SURRE)	8.842	8.842	3269260	39.55		ug/ml
ortho-Terphenyl (SURRE)	11.913	11.913	3390112	23.25		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-10	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 20:27	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	8.23	J	1	8.28	30.0	ug/l	FC068476.D
Aliphatic C12-C16	Aliphatic C12-C16	33.8		1	13.5	20.0	ug/l	FC068476.D
Aliphatic C16-C21	Aliphatic C16-C21	13.5	J	1	8.34	30.0	ug/l	FC068476.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068476.D
Aliphatic C28-C40	Aliphatic C28-C40	38.3	J	1	23.8	60.0	ug/l	FC068476.D
Aromatic C10-C12	Aromatic C10-C12	16.7	J	1	2.07	20.0	ug/l	FG015602.D
Aromatic C12-C16	Aromatic C12-C16	65.3		1	4.26	30.0	ug/l	FG015602.D
Aromatic C16-C21	Aromatic C16-C21	81.6		1	8.27	50.0	ug/l	FG015602.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015602.D
Total AliphaticEPH	Total AliphaticEPH	93.8	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	164	J		38.4	180	ug/l	
Total EPH	Total EPH	257	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-10	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068476.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.23	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	33.8		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	13.5	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	38.3	J	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-10	Acq On:	01 Apr 2025 20:27
Client Sample ID:	P001-BBDGA-002-01	Operator:	YP/AJ
Data file:	FC068476.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	667794	4.114	300	ug/ml
Aliphatic C12-C16	6.360	9.742	2843995	16.909	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1157754	6.75	300	ug/ml
Aliphatic C21-C28	13.097	16.749	853283	5.053	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2609569	19.164	600	ug/ml
Aliphatic EPH	3.097	21.544	8132395	51.99		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	6701020	44.95		ug/ml
Aliphatic C9-C28	3.097	16.749	5522826	32.826	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-002-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-10	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015602.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	16.7	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	65.3		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	81.6		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.6		40 - 140	97%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-10	Acq On:	01 Apr 2025 19:26
Client Sample ID:	P001-BBDGA-002-01	Operator:	YP\AJ
Data file:	FG015602.D	Misc:	
Instrument:	FID_G	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1122145	8.374	200	ug/ml
Aromatic C12-C16	6.330	9.035	4479028	32.657	300	ug/ml
Aromatic C16-C21	9.036	13.365	5685299	40.781	500	ug/ml
Aromatic C21-C36	13.366	18.829	1948051	14.963	800	ug/ml
Aromatic EPH	4.450	18.829	13234523	96.776		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	7082460	48.57		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	5764421	47.19		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	2801378	33.89		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-003-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 17:25	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.47	J	1	0.15	1.06	mg/kg	FC068434.D
Aliphatic C12-C16	Aliphatic C12-C16	1.16		1	0.12	0.70	mg/kg	FC068434.D
Aliphatic C16-C21	Aliphatic C16-C21	0.53	J	1	0.14	1.06	mg/kg	FC068434.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.41	mg/kg	FC068434.D
Aliphatic C28-C40	Aliphatic C28-C40	1.41	J	1	1.25	2.11	mg/kg	FC068434.D
Aromatic C10-C12	Aromatic C10-C12	0.62	J	1	0.13	0.70	mg/kg	FG015582.D
Aromatic C12-C16	Aromatic C12-C16	2.60		1	0.24	1.06	mg/kg	FG015582.D
Aromatic C16-C21	Aromatic C16-C21	2.77		1	0.42	1.76	mg/kg	FG015582.D
Aromatic C21-C36	Aromatic C21-C36	1.26	U	1	1.26	2.82	mg/kg	FG015582.D
Total AliphaticEPH	Total AliphaticEPH	3.57	J		2.21	6.34	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.99	J		2.05	6.34	mg/kg	
Total EPH	Total EPH	9.56	J		4.26	12.7	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-003-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068434.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.47	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.16		0.12	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.53	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	0.56	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.41	J	1.25	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.2		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-11	Acq On:	28 Mar 2025 17:25
Client Sample ID:	P001-BBDGA-003-01	Operator:	YP/AJ
Data file:	FC068434.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	1078478	6.644	300	ug/ml
Aliphatic C12-C16	6.361	9.742	2779150	16.523	200	ug/ml
Aliphatic C16-C21	9.743	13.094	1290589	7.525	300	ug/ml
Aliphatic C21-C28	13.095	16.746	1171075	6.935	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2716127	19.946	600	ug/ml
Aliphatic EPH	3.100	21.538	9035419	57.574		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	4048332	27.16		ug/ml
Aliphatic C9-C28	3.100	16.746	6319292	37.627	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-003-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015582.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.62	J	0.13	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.60		0.24	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.77		0.42	1.76	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.26	U	1.26	2.82	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.3		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	40.1		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.0		40 - 140	44%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-11	Acq On:	28 Mar 2025 20:53
Client Sample ID:	P001-BBDGA-003-01	Operator:	YP\AJ
Data file:	FG015582.D	Misc:	
Instrument:	FID_G	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1177467	8.787	200	ug/ml
Aromatic C12-C16	6.330	9.039	5052472	36.839	300	ug/ml
Aromatic C16-C21	9.040	13.371	5487908	39.365	500	ug/ml
Aromatic C21-C36	13.372	18.837	2086505	16.026	800	ug/ml
Aromatic EPH	4.449	18.837	13804352	101.017		ug/ml
2-Bromonaphthalene (SURRE)	7.964	7.964	6147217	50.32		ug/ml
2-Fluorobiphenyl (SURRE)	8.841	8.841	3315697	40.11		ug/ml
ortho-Terphenyl (SURRE)	11.913	11.913	3209047	22.01		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-003-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-12	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 21:04	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	7.91	J	1	8.28	30.0	ug/l	FC068477.D
Aliphatic C12-C16	Aliphatic C12-C16	38.5		1	13.5	20.0	ug/l	FC068477.D
Aliphatic C16-C21	Aliphatic C16-C21	12.9	J	1	8.34	30.0	ug/l	FC068477.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068477.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068477.D
Aromatic C10-C12	Aromatic C10-C12	16.8	J	1	2.07	20.0	ug/l	FG015603.D
Aromatic C12-C16	Aromatic C12-C16	24.2	J	1	4.26	30.0	ug/l	FG015603.D
Aromatic C16-C21	Aromatic C16-C21	171		1	8.27	50.0	ug/l	FG015603.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015603.D
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	212			38.4	180	ug/l	
Total EPH	Total EPH	271	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-003-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-12	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068477.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.91	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	38.5		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	12.9	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.7		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-12	Acq On:	01 Apr 2025 21:04
Client Sample ID:	P001-BBDGA-003-01	Operator:	YP/AJ
Data file:	FC068477.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	641909	3.955	300	ug/ml
Aliphatic C12-C16	6.360	9.742	3238831	19.257	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1104683	6.441	300	ug/ml
Aliphatic C21-C28	13.097	16.749	684119	4.051	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2214903	16.266	600	ug/ml
Aliphatic EPH	3.097	21.544	7884445	49.969		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	6957119	46.67		ug/ml
Aliphatic C9-C28	3.097	16.749	5669542	33.704	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-003-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-12		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015603.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	16.8	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	24.2	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	171		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.0		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.0		40 - 140	96%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-12	Acq On:	01 Apr 2025 19:55
Client Sample ID:	P001-BBDGA-003-01	Operator:	YP\AJ
Data file:	FG015603.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1126094	8.404	200	ug/ml
Aromatic C12-C16	6.330	9.035	1660428	12.107	300	ug/ml
Aromatic C16-C21	9.036	13.365	11957798	85.774	500	ug/ml
Aromatic C21-C36	13.366	18.829	1393204	10.701	800	ug/ml
Aromatic EPH	4.450	18.829	16137524	116.985		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	6994550	47.96		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	5864076	48.01		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	2680124	32.42		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 18:02	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	1	0.15	1.05	mg/kg	FC068435.D
Aliphatic C12-C16	Aliphatic C12-C16	0.80		1	0.12	0.70	mg/kg	FC068435.D
Aliphatic C16-C21	Aliphatic C16-C21	0.41	J	1	0.14	1.05	mg/kg	FC068435.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.40	mg/kg	FC068435.D
Aliphatic C28-C40	Aliphatic C28-C40	1.48	J	1	1.24	2.09	mg/kg	FC068435.D
Aromatic C10-C12	Aromatic C10-C12	0.61	J	1	0.13	0.70	mg/kg	FG015583.D
Aromatic C12-C16	Aromatic C12-C16	0.75	J	1	0.24	1.05	mg/kg	FG015583.D
Aromatic C16-C21	Aromatic C16-C21	2.45		1	0.42	1.75	mg/kg	FG015583.D
Aromatic C21-C36	Aromatic C21-C36	1.25	U	1	1.25	2.79	mg/kg	FG015583.D
Total AliphaticEPH	Total AliphaticEPH	3.05	J		2.19	6.29	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.80	J		2.04	6.29	mg/kg	
Total EPH	Total EPH	6.86	J		4.23	12.6	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068435.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.37	J	0.15	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.80		0.12	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.41	J	0.14	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	0.56	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.48	J	1.24	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-13	Acq On:	28 Mar 2025 18:02
Client Sample ID:	P001-BBDGA-004-01	Operator:	YP/AJ
Data file:	FC068435.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	860385	5.301	300	ug/ml
Aliphatic C12-C16	6.361	9.742	1922355	11.429	200	ug/ml
Aliphatic C16-C21	9.743	13.094	997770	5.818	300	ug/ml
Aliphatic C21-C28	13.095	16.746	903654	5.351	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2894075	21.253	600	ug/ml
Aliphatic EPH	3.100	21.538	7578239	49.152		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	5296863	35.53		ug/ml
Aliphatic C9-C28	3.100	16.746	4684164	27.899	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015583.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.61	J	0.13	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.75	J	0.24	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.45		0.42	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.25	U	1.25	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.7		40 - 140	97%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.3		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.5		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-13	Acq On:	28 Mar 2025 21:23
Client Sample ID:	P001-BBDGA-004-01	Operator:	YP\AJ
Data file:	FG015583.D	Misc:	
Instrument:	FID_G	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1162573	8.676	200	ug/ml
Aromatic C12-C16	6.330	9.039	1467138	10.697	300	ug/ml
Aromatic C16-C21	9.040	13.371	4885475	35.044	500	ug/ml
Aromatic C21-C36	13.372	18.837	1899009	14.586	800	ug/ml
Aromatic EPH	4.449	18.837	9414195	69.003		ug/ml
ortho-Terphenyl (SURR)	11.914	11.914	4161705	28.54		ug/ml
2-Bromonaphthalene (SURR)	7.964	7.964	5952853	48.73		ug/ml
2-Fluorobiphenyl (SURR)	8.842	8.842	3417363	41.34		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 21:42	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	9.32	J	1	8.28	30.0	ug/l	FC068478.D
Aliphatic C12-C16	Aliphatic C12-C16	43.3		1	13.5	20.0	ug/l	FC068478.D
Aliphatic C16-C21	Aliphatic C16-C21	15.6	J	1	8.34	30.0	ug/l	FC068478.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068478.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068478.D
Aromatic C10-C12	Aromatic C10-C12	21.4		1	2.07	20.0	ug/l	FG015604.D
Aromatic C12-C16	Aromatic C12-C16	126		1	4.26	30.0	ug/l	FG015604.D
Aromatic C16-C21	Aromatic C16-C21	94.7		1	8.27	50.0	ug/l	FG015604.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015604.D
Total AliphaticEPH	Total AliphaticEPH	68.2	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	242			38.4	180	ug/l	
Total EPH	Total EPH	310	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-004-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068478.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	9.32	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	43.3		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	15.6	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.1		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-14	Acq On:	01 Apr 2025 21:42
Client Sample ID:	P001-BBDGA-004-01	Operator:	YP/AJ
Data file:	FC068478.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	756480	4.66	300	ug/ml
Aliphatic C12-C16	6.360	9.742	3643012	21.66	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1339663	7.811	300	ug/ml
Aliphatic C21-C28	13.097	16.749	934721	5.535	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2375261	17.443	600	ug/ml
Aliphatic EPH	3.097	21.544	9049137	57.109		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	7917913	53.11		ug/ml
Aliphatic C9-C28	3.097	16.749	6673876	39.666	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-004-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-14		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015604.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	21.4		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	126		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	94.7		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.1		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.3		40 - 140	113%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-14	Acq On:	01 Apr 2025 20:25
Client Sample ID:	P001-BBDGA-004-01	Operator:	YP\AJ
Data file:	FG015604.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1437003	10.724	200	ug/ml
Aromatic C12-C16	6.330	9.035	8686933	63.338	300	ug/ml
Aromatic C16-C21	9.036	13.365	6599402	47.338	500	ug/ml
Aromatic C21-C36	13.366	18.829	2061184	15.832	800	ug/ml
Aromatic EPH	4.450	18.829	18784522	137.232		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	8207815	56.28		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	6613750	54.14		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	3005093	36.36		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-005-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 18:39	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.30	J	1	0.15	1.09	mg/kg	FC068436.D
Aliphatic C12-C16	Aliphatic C12-C16	1.25		1	0.12	0.73	mg/kg	FC068436.D
Aliphatic C16-C21	Aliphatic C16-C21	0.40	J	1	0.14	1.09	mg/kg	FC068436.D
Aliphatic C21-C28	Aliphatic C21-C28	0.58	U	1	0.58	1.45	mg/kg	FC068436.D
Aliphatic C28-C40	Aliphatic C28-C40	1.28	U	1	1.28	2.18	mg/kg	FC068436.D
Aromatic C10-C12	Aromatic C10-C12	0.60	J	1	0.13	0.73	mg/kg	FG015586.D
Aromatic C12-C16	Aromatic C12-C16	0.78	J	1	0.25	1.09	mg/kg	FG015586.D
Aromatic C16-C21	Aromatic C16-C21	2.60		1	0.44	1.81	mg/kg	FG015586.D
Aromatic C21-C36	Aromatic C21-C36	1.30	U	1	1.30	2.90	mg/kg	FG015586.D
Total AliphaticEPH	Total AliphaticEPH	2.27	U		2.27	6.54	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.98	J		2.12	6.53	mg/kg	
Total EPH	Total EPH	5.93	J		4.39	13.1	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-005-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.7
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068436.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.30	J	0.15	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.25		0.12	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.40	J	0.14	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.58	U	0.58	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.28	U	1.28	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.0		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-15	Acq On:	28 Mar 2025 18:39
Client Sample ID:	P001-BBDGA-005-01	Operator:	YP/AJ
Data file:	FC068436.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	674846	4.158	300	ug/ml
Aliphatic C12-C16	6.361	9.742	2907493	17.287	200	ug/ml
Aliphatic C16-C21	9.743	13.094	948332	5.529	300	ug/ml
Aliphatic C21-C28	13.095	16.746	759499	4.498	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2358586	17.321	600	ug/ml
Aliphatic EPH	3.100	21.538	7648756	48.792		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	4174143	28		ug/ml
Aliphatic C9-C28	3.100	16.746	5290170	31.472	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-005-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.7	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015586.D	1	03/28/25	03/29/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.60	J	0.13	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.78	J	0.25	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.60		0.44	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.30	U	1.30	2.90	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.7		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	36.8		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.4		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-15	Acq On:	29 Mar 2025 00:19
Client Sample ID:	P001-BBDGA-005-01	Operator:	YP\AJ
Data file:	FG015586.D	Misc:	
Instrument:	FID_G	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	1107750	8.267	200	ug/ml
Aromatic C12-C16	6.330	9.039	1468990	10.711	300	ug/ml
Aromatic C16-C21	9.040	13.371	4994329	35.825	500	ug/ml
Aromatic C21-C36	13.372	18.837	2062024	15.838	800	ug/ml
Aromatic EPH	4.449	18.837	9633093	70.64		ug/ml
2-Bromonaphthalene (SURR)	7.964	7.964	5830250	47.73		ug/ml
2-Fluorobiphenyl (SURR)	8.841	8.841	3038736	36.76		ug/ml
ortho-Terphenyl (SURR)	11.914	11.914	4135520	28.36		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-005-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-16	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 22:19	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.19	J	1	8.28	30.0	ug/l	FC068479.D
Aliphatic C12-C16	Aliphatic C12-C16	23.6		1	13.5	20.0	ug/l	FC068479.D
Aliphatic C16-C21	Aliphatic C16-C21	9.01	J	1	8.34	30.0	ug/l	FC068479.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068479.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068479.D
Aromatic C10-C12	Aromatic C10-C12	17.9	J	1	2.07	20.0	ug/l	FG015605.D
Aromatic C12-C16	Aromatic C12-C16	23.8	J	1	4.26	30.0	ug/l	FG015605.D
Aromatic C16-C21	Aromatic C16-C21	181		1	8.27	50.0	ug/l	FG015605.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015605.D
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	223			38.4	180	ug/l	
Total EPH	Total EPH	262	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-005-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-16		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068479.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.19	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	23.6		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	9.01	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-16	Acq On:	01 Apr 2025 22:19
Client Sample ID:	P001-BBDGA-005-01	Operator:	YP/AJ
Data file:	FC068479.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	502047	3.093	300	ug/ml
Aliphatic C12-C16	6.360	9.742	1984739	11.8	200	ug/ml
Aliphatic C16-C21	9.743	13.096	772231	4.503	300	ug/ml
Aliphatic C21-C28	13.097	16.749	545814	3.232	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2042778	15.001	600	ug/ml
Aliphatic EPH	3.097	21.544	5847609	37.629		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	7259966	48.7		ug/ml
Aliphatic C9-C28	3.097	16.749	3804831	22.628	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-005-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-16		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015605.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.9	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	23.8	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	181		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.2		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.8		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-16	Acq On:	01 Apr 2025 20:54
Client Sample ID:	P001-BBDGA-005-01	Operator:	YP\AJ
Data file:	FG015605.D	Misc:	
Instrument:	FID_G	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1199635	8.953	200	ug/ml
Aromatic C12-C16	6.330	9.035	1635450	11.924	300	ug/ml
Aromatic C16-C21	9.036	13.365	12630852	90.602	500	ug/ml
Aromatic C21-C36	13.366	18.829	1175312	9.027	800	ug/ml
Aromatic EPH	4.450	18.829	16641249	120.506		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	8284246	56.81		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	6617414	54.17		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	3509453	42.46		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-006-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 19:16	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	1	0.15	1.06	mg/kg	FC068437.D
Aliphatic C12-C16	Aliphatic C12-C16	0.72		1	0.12	0.71	mg/kg	FC068437.D
Aliphatic C16-C21	Aliphatic C16-C21	0.39	J	1	0.14	1.06	mg/kg	FC068437.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.42	mg/kg	FC068437.D
Aliphatic C28-C40	Aliphatic C28-C40	1.26	U	1	1.26	2.13	mg/kg	FC068437.D
Aromatic C10-C12	Aromatic C10-C12	0.49	J	1	0.13	0.71	mg/kg	FG015587.D
Aromatic C12-C16	Aromatic C12-C16	0.65	J	1	0.25	1.06	mg/kg	FG015587.D
Aromatic C16-C21	Aromatic C16-C21	2.39		1	0.43	1.77	mg/kg	FG015587.D
Aromatic C21-C36	Aromatic C21-C36	1.27	U	1	1.27	2.84	mg/kg	FG015587.D
Total AliphaticEPH	Total AliphaticEPH	2.23	U		2.23	6.38	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.53	J		2.07	6.38	mg/kg	
Total EPH	Total EPH	4.94	J		4.30	12.8	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-006-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068437.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.72		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.39	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.26	U	1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-17	Acq On:	28 Mar 2025 19:16
Client Sample ID:	P001-BBDGA-006-01	Operator:	YP/AJ
Data file:	FC068437.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	701504	4.322	300	ug/ml
Aliphatic C12-C16	6.361	9.742	1695160	10.079	200	ug/ml
Aliphatic C16-C21	9.743	13.094	934344	5.448	300	ug/ml
Aliphatic C21-C28	13.095	16.746	855865	5.068	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2195115	16.12	600	ug/ml
Aliphatic EPH	3.100	21.538	6381988	41.036		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	4946063	33.18		ug/ml
Aliphatic C9-C28	3.100	16.746	4186873	24.917	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-006-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015587.D	1	03/28/25	03/29/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.49	J	0.13	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.25	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.39		0.43	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.27	U	1.27	2.84	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.3		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.3		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-17	Acq On:	29 Mar 2025 00:48
Client Sample ID:	P001-BBDGA-006-01	Operator:	YP\AJ
Data file:	FG015587.D	Misc:	
Instrument:	FID_G	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	926105	6.911	200	ug/ml
Aromatic C12-C16	6.330	9.039	1255874	9.157	300	ug/ml
Aromatic C16-C21	9.040	13.371	4689455	33.638	500	ug/ml
Aromatic C21-C36	13.372	18.837	1822278	13.997	800	ug/ml
Aromatic EPH	4.449	18.837	8693712	63.703		ug/ml
2-Bromonaphthalene (SURRE)	7.964	7.964	6388259	52.3		ug/ml
2-Fluorobiphenyl (SURRE)	8.842	8.842	3740447	45.25		ug/ml
ortho-Terphenyl (SURRE)	11.914	11.914	4681327	32.1		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-006-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-18	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 22:56	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	7.17	J	1	8.28	30.0	ug/l	FC068480.D
Aliphatic C12-C16	Aliphatic C12-C16	28.2		1	13.5	20.0	ug/l	FC068480.D
Aliphatic C16-C21	Aliphatic C16-C21	7.69	J	1	8.34	30.0	ug/l	FC068480.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068480.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068480.D
Aromatic C10-C12	Aromatic C10-C12	13.6	J	1	2.07	20.0	ug/l	FG015606.D
Aromatic C12-C16	Aromatic C12-C16	18.8	J	1	4.26	30.0	ug/l	FG015606.D
Aromatic C16-C21	Aromatic C16-C21	50.8		1	8.27	50.0	ug/l	FG015606.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015606.D
Total AliphaticEPH	Total AliphaticEPH	66.4	U		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	83.2	J		38.4	180	ug/l	
Total EPH	Total EPH	126	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-006-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-18	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068480.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.17	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	28.2		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	7.69	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-18	Acq On:	01 Apr 2025 22:56
Client Sample ID:	P001-BBDGA-006-01	Operator:	YP/AJ
Data file:	FC068480.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	581669	3.583	300	ug/ml
Aliphatic C12-C16	6.360	9.742	2368018	14.079	200	ug/ml
Aliphatic C16-C21	9.743	13.096	659583	3.846	300	ug/ml
Aliphatic C21-C28	13.097	16.749	665760	3.942	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2072921	15.223	600	ug/ml
Aliphatic EPH	3.097	21.544	6347951	40.674		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	7255926	48.67		ug/ml
Aliphatic C9-C28	3.097	16.749	4275030	25.45	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-006-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-18		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015606.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	13.6	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	18.8	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	50.8		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.6		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.5		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-18	Acq On:	01 Apr 2025 21:23
Client Sample ID:	P001-BBDGA-006-01	Operator:	YP\AJ
Data file:	FG015606.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	910836	6.797	200	ug/ml
Aromatic C12-C16	6.330	9.035	1288592	9.395	300	ug/ml
Aromatic C16-C21	9.036	13.365	3540653	25.397	500	ug/ml
Aromatic C21-C36	13.366	18.829	865341	6.647	800	ug/ml
Aromatic EPH	4.450	18.829	6605422	48.237		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	7503240	51.45		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	6063779	49.64		ug/ml
2-Fluorobiphenyl (SURR)	8.839	8.839	2920469	35.33		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-19	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 19:53	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.98	J	1	0.15	1.08	mg/kg	FC068438.D
Aliphatic C12-C16	Aliphatic C12-C16	3.25		1	0.12	0.72	mg/kg	FC068438.D
Aliphatic C16-C21	Aliphatic C16-C21	1.57		1	0.14	1.08	mg/kg	FC068438.D
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	1	0.57	1.43	mg/kg	FC068438.D
Aliphatic C28-C40	Aliphatic C28-C40	1.32	J	1	1.27	2.15	mg/kg	FC068438.D
Aromatic C10-C12	Aromatic C10-C12	0.40	J	1	0.13	0.72	mg/kg	FG015588.D
Aromatic C12-C16	Aromatic C12-C16	0.50	J	1	0.25	1.08	mg/kg	FG015588.D
Aromatic C16-C21	Aromatic C16-C21	1.61	J	1	0.43	1.79	mg/kg	FG015588.D
Aromatic C21-C36	Aromatic C21-C36	1.28	U	1	1.28	2.87	mg/kg	FG015588.D
Total AliphaticEPH	Total AliphaticEPH	7.12			2.25	6.46	mg/kg	
Total AromaticEPH	Total AromaticEPH	2.51	J		2.09	6.46	mg/kg	
Total EPH	Total EPH	9.63	J		4.34	12.9	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-007-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-19		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	92.8	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068438.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.98	J	0.15	1.08	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	3.25		0.12	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.57		0.14	1.08	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	0.57	1.43	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.32	J	1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.1		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-19	Acq On:	28 Mar 2025 19:53
Client Sample ID:	P001-BBDGA-007-01	Operator:	YP/AJ
Data file:	FC068438.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	2219989	13.677	300	ug/ml
Aliphatic C12-C16	6.361	9.742	7630758	45.369	200	ug/ml
Aliphatic C16-C21	9.743	13.094	3751721	21.875	300	ug/ml
Aliphatic C21-C28	13.095	16.746	753659	4.463	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2497427	18.34	600	ug/ml
Aliphatic EPH	3.100	21.538	16853554	103.723		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.828	12.828	7019416	47.09		ug/ml
Aliphatic C9-C28	3.100	16.746	14356127	85.384	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-19	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015588.D	1	03/28/25	03/29/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.40	J	0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.50	J	0.25	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.61	J	0.43	1.79	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.28	U	1.28	2.87	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	29.0		40 - 140	58%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	23.8		40 - 140	48%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.4		40 - 140	55%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-19	Acq On:	29 Mar 2025 01:18
Client Sample ID:	P001-BBDGA-007-01	Operator:	YP\AJ
Data file:	FG015588.D	Misc:	
Instrument:	FID_G	ALS Vial:	84
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	748611	5.587	200	ug/ml
Aromatic C12-C16	6.330	9.039	962661	7.019	300	ug/ml
Aromatic C16-C21	9.040	13.371	3133015	22.473	500	ug/ml
Aromatic C21-C36	13.372	18.837	1658008	12.735	800	ug/ml
Aromatic EPH	4.449	18.837	6502295	47.814		ug/ml
2-Bromonaphthalene (SURRE)	7.962	7.962	3546906	29.04		ug/ml
2-Fluorobiphenyl (SURRE)	8.841	8.841	1963842	23.76		ug/ml
ortho-Terphenyl (SURRE)	11.913	11.913	4001081	27.44		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-20	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/01/25 23:33	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	12.0	J	1	8.28	30.0	ug/l	FC068481.D
Aliphatic C12-C16	Aliphatic C12-C16	37.7		1	13.5	20.0	ug/l	FC068481.D
Aliphatic C16-C21	Aliphatic C16-C21	35.6		1	8.34	30.0	ug/l	FC068481.D
Aliphatic C21-C28	Aliphatic C21-C28	29.0	J	1	12.5	40.0	ug/l	FC068481.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068481.D
Aromatic C10-C12	Aromatic C10-C12	22.6		1	2.07	20.0	ug/l	FG015607.D
Aromatic C12-C16	Aromatic C12-C16	33.1		1	4.26	30.0	ug/l	FG015607.D
Aromatic C16-C21	Aromatic C16-C21	189		1	8.27	50.0	ug/l	FG015607.D
Aromatic C21-C36	Aromatic C21-C36	95.0		1	23.8	80.0	ug/l	FG015607.D
Total AliphaticEPH	Total AliphaticEPH	114	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	340			38.4	180	ug/l	
Total EPH	Total EPH	454			105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-20	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068481.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	12.0	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	37.7		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	35.6		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	29.0	J	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.1		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-20	Acq On:	01 Apr 2025 23:33
Client Sample ID:	P001-BBDGA-007-01	Operator:	YP/AJ
Data file:	FC068481.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	970191	5.977	300	ug/ml
Aliphatic C12-C16	6.360	9.742	3173176	18.866	200	ug/ml
Aliphatic C16-C21	9.743	13.096	3054594	17.81	300	ug/ml
Aliphatic C21-C28	13.097	16.749	2446758	14.489	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2208633	16.219	600	ug/ml
Aliphatic EPH	3.097	21.544	11853352	73.362		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	7918885	53.12		ug/ml
Aliphatic C9-C28	3.097	16.749	9644719	57.142	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-20	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015607.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	22.6		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	33.1		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	189		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	95.0		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.7		40 - 140	81%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.1		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.6		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-20	Acq On:	01 Apr 2025 21:53
Client Sample ID:	P001-BBDGA-007-01	Operator:	YP\AJ
Data file:	FG015607.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1515594	11.311	200	ug/ml
Aromatic C12-C16	6.330	9.035	2273159	16.574	300	ug/ml
Aromatic C16-C21	9.036	13.365	13205755	94.726	500	ug/ml
Aromatic C21-C36	13.366	18.829	6182390	47.486	800	ug/ml
Aromatic EPH	4.450	18.829	23176898	170.097		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	6060947	41.56		ug/ml
2-Bromonaphthalene (SURR)	7.960	7.960	4968217	40.67		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	2734929	33.09		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-21	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/28/25 08:10	03/28/25 20:30	PB167362

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.53	J	1	0.15	1.06	mg/kg	FC068439.D
Aliphatic C12-C16	Aliphatic C12-C16	2.19		1	0.12	0.71	mg/kg	FC068439.D
Aliphatic C16-C21	Aliphatic C16-C21	0.73	J	1	0.14	1.06	mg/kg	FC068439.D
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	1	0.56	1.42	mg/kg	FC068439.D
Aliphatic C28-C40	Aliphatic C28-C40	1.25	U	1	1.25	2.12	mg/kg	FC068439.D
Aromatic C10-C12	Aromatic C10-C12	0.38	J	1	0.13	0.71	mg/kg	FG015589.D
Aromatic C12-C16	Aromatic C12-C16	0.55	J	1	0.24	1.06	mg/kg	FG015589.D
Aromatic C16-C21	Aromatic C16-C21	3.04		1	0.43	1.77	mg/kg	FG015589.D
Aromatic C21-C36	Aromatic C21-C36	1.26	U	1	1.26	2.83	mg/kg	FG015589.D
Total AliphaticEPH	Total AliphaticEPH	3.45	J		2.22	6.37	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.96	J		2.06	6.37	mg/kg	
Total EPH	Total EPH	7.41	J		4.27	12.7	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-008-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-21		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	94	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068439.D	1	03/28/25	03/28/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.53	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.19		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.73	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.56	U	0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.25	U	1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-21	Acq On:	28 Mar 2025 20:30
Client Sample ID:	P001-BBDGA-008-01	Operator:	YP/AJ
Data file:	FC068439.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.100	6.360	1208051	7.442	300	ug/ml
Aliphatic C12-C16	6.361	9.742	5195070	30.887	200	ug/ml
Aliphatic C16-C21	9.743	13.094	1775606	10.353	300	ug/ml
Aliphatic C21-C28	13.095	16.746	646750	3.83	400	ug/ml
Aliphatic C28-C40	16.747	21.538	2158642	15.852	600	ug/ml
Aliphatic EPH	3.100	21.538	10984119	68.365		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.827	12.827	4944409	33.17		ug/ml
Aliphatic C9-C28	3.100	16.746	8825477	52.512	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-21	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015589.D	1	03/28/25	03/29/25	PB167362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	J	0.13	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.55	J	0.24	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.04		0.43	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.26	U	1.26	2.83	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	33.7		40 - 140	67%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	28.2		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.6		40 - 140	41%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-21	Acq On:	29 Mar 2025 01:47
Client Sample ID:	P001-BBDGA-008-01	Operator:	YP\AJ
Data file:	FG015589.D	Misc:	
Instrument:	FID_G	ALS Vial:	85
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.449	6.329	708872	5.29	200	ug/ml
Aromatic C12-C16	6.330	9.039	1061061	7.736	300	ug/ml
Aromatic C16-C21	9.040	13.371	5980506	42.899	500	ug/ml
Aromatic C21-C36	13.372	18.837	1508682	11.588	800	ug/ml
Aromatic EPH	4.449	18.837	9259121	67.513		ug/ml
2-Bromonaphthalene (SURR)	7.963	7.963	4112715	33.67		ug/ml
2-Fluorobiphenyl (SURR)	8.841	8.841	2331797	28.21		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	3000891	20.58		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-22	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
04/01/25 08:13	04/02/25 0:09	PB167402

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	10.8	J	1	8.28	30.0	ug/l	FC068482.D
Aliphatic C12-C16	Aliphatic C12-C16	38.4		1	13.5	20.0	ug/l	FC068482.D
Aliphatic C16-C21	Aliphatic C16-C21	20.9	J	1	8.34	30.0	ug/l	FC068482.D
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	1	12.5	40.0	ug/l	FC068482.D
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	1	23.8	60.0	ug/l	FC068482.D
Aromatic C10-C12	Aromatic C10-C12	17.7	J	1	2.07	20.0	ug/l	FG015608.D
Aromatic C12-C16	Aromatic C12-C16	25.7	J	1	4.26	30.0	ug/l	FG015608.D
Aromatic C16-C21	Aromatic C16-C21	66.2		1	8.27	50.0	ug/l	FG015608.D
Aromatic C21-C36	Aromatic C21-C36	23.8	U	1	23.8	80.0	ug/l	FG015608.D
Total AliphaticEPH	Total AliphaticEPH	70.1	J		66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	110	J		38.4	180	ug/l	
Total EPH	Total EPH	180	J		105	360	ug/l	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-008-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-22		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068482.D	1	04/01/25	04/02/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	10.8	J	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	38.4		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	20.9	J	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.6		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1664-22	Acq On:	02 Apr 2025 00:09
Client Sample ID:	P001-BBDGA-008-01	Operator:	YP/AJ
Data file:	FC068482.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	872594	5.376	300	ug/ml
Aliphatic C12-C16	6.360	9.742	3230454	19.207	200	ug/ml
Aliphatic C16-C21	9.743	13.096	1795511	10.469	300	ug/ml
Aliphatic C21-C28	13.097	16.749	617132	3.654	400	ug/ml
Aliphatic C28-C40	16.750	21.544	2087984	15.333	600	ug/ml
Aliphatic EPH	3.097	21.544	8603675	54.039		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.826	12.826	7841644	52.6		ug/ml
Aliphatic C9-C28	3.097	16.749	6515691	38.706	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	03/26/25	
Project:	RFP 905		Date Received:	03/27/25	
Client Sample ID:	P001-BBDGA-008-01		SDG No.:	Q1664	
Lab Sample ID:	Q1664-22		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015608.D	1	04/01/25	04/01/25	PB167402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.7	J	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	25.7	J	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	66.2		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.5		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.2		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	57.3		40 - 140	115%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1664-22	Acq On:	01 Apr 2025 22:22
Client Sample ID:	P001-BBDGA-008-01	Operator:	YP\AJ
Data file:	FG015608.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	1188846	8.872	200	ug/ml
Aromatic C12-C16	6.330	9.035	1765512	12.873	300	ug/ml
Aromatic C16-C21	9.036	13.365	4611667	33.08	500	ug/ml
Aromatic C21-C36	13.366	18.829	1186289	9.112	800	ug/ml
Aromatic EPH	4.450	18.829	8752314	63.936		ug/ml
ortho-Terphenyl (SURR)	11.914	11.914	8349751	57.26		ug/ml
2-Bromonaphthalene (SURR)	7.961	7.961	6537204	53.52		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	3818986	46.2		ug/ml

LAB CHRONICLE

OrderID:	Q1664	OrderDate:	3/27/2025 10:47:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1664-01	P001-BBDGA-001-01	SOIL			03/26/25			03/27/25
			PCB	8082A		03/28/25	03/28/25	
			Pesticide-TCL	8081B		03/28/25	03/28/25	
			EPH	NJEPH		03/28/25	03/28/25	
Q1664-04	P001-BBDGA-001-01	WATER			03/26/25			03/27/25
			SPLP PCB	8082A		03/31/25	03/31/25	
			SPLP Pesticide	8081B		03/31/25	03/31/25	
			EPH	NJEPH		04/01/25	04/01/25	
Q1664-07	P001-BBDGA-001-02	SOIL			03/26/25			03/27/25
			PCB	8082A		03/28/25	03/28/25	
			Pesticide-TCL	8081B		03/28/25	03/28/25	
			EPH	NJEPH		03/28/25	03/28/25	
Q1664-08	P001-BBDGA-001-02	WATER			03/26/25			03/27/25
			SPLP PCB	8082A		03/31/25	03/31/25	
			SPLP Pesticide	8081B		03/31/25	03/31/25	
			EPH	NJEPH		04/01/25	04/01/25	
Q1664-09	P001-BBDGA-002-01	SOIL			03/26/25			03/27/25
			PCB	8082A		03/28/25	03/28/25	
			Pesticide-TCL	8081B		03/28/25	03/28/25	
			EPH	NJEPH		03/28/25	03/28/25	
Q1664-10	P001-BBDGA-002-01	WATER			03/26/25			03/27/25
			SPLP PCB	8082A		03/31/25	03/31/25	
			SPLP Pesticide	8081B		03/31/25	03/31/25	
			EPH	NJEPH		04/01/25	04/01/25	
Q1664-11	P001-BBDGA-003-01	SOIL			03/26/25			03/27/25
			PCB	8082A		03/28/25	03/28/25	

LAB CHRONICLE

			Pesticide-TCL	8081B	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/28/25	
Q1664-12	P001-BBDGA-003-01	WATER			03/26/25		03/27/25
			SPLP PCB	8082A	03/31/25	03/31/25	
			SPLP Pesticide	8081B	03/31/25	03/31/25	
			EPH	NJEPH	04/01/25	04/01/25	
Q1664-13	P001-BBDGA-004-01	SOIL			03/26/25		03/27/25
			PCB	8082A	03/28/25	03/28/25	
			Pesticide-TCL	8081B	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/28/25	
Q1664-14	P001-BBDGA-004-01	WATER			03/26/25		03/27/25
			SPLP PCB	8082A	03/31/25	03/31/25	
			SPLP Pesticide	8081B	03/31/25	03/31/25	
			EPH	NJEPH	04/01/25	04/01/25	
Q1664-15	P001-BBDGA-005-01	SOIL			03/26/25		03/27/25
			PCB	8082A	03/28/25	03/28/25	
			Pesticide-TCL	8081B	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/29/25	
Q1664-16	P001-BBDGA-005-01	WATER			03/26/25		03/27/25
			SPLP PCB	8082A	03/31/25	03/31/25	
			SPLP Pesticide	8081B	03/31/25	03/31/25	
			EPH	NJEPH	04/01/25	04/01/25	
Q1664-17	P001-BBDGA-006-01	SOIL			03/26/25		03/27/25
			PCB	8082A	03/28/25	03/28/25	
			Pesticide-TCL	8081B	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/28/25	
			EPH	NJEPH	03/28/25	03/29/25	
Q1664-18	P001-BBDGA-006-01	WATER			03/26/25		03/27/25
			SPLP PCB	8082A	03/31/25	04/01/25	
			SPLP Pesticide	8081B	03/31/25	03/31/25	
			EPH	NJEPH	04/01/25	04/01/25	
Q1664-19	P001-BBDGA-007-01	SOIL			03/26/25		03/27/25

LAB CHRONICLE

Q1664-20	P001-BBDGA-007-01	Water	PCB	8082A	03/28/25	03/28/25	03/26/25	03/27/25
			Pesticide-TCL	8081B	03/28/25	03/28/25		
			EPH	NJEPH	03/28/25	03/28/25		
			EPH	NJEPH	03/28/25	03/29/25		
Q1664-21	P001-BBDGA-008-01	SOIL	EPH	NJEPH	04/01/25	04/01/25	03/26/25	03/27/25
			SPLP PCB	8082A	03/31/25	03/31/25		
			SPLP Pesticide	8081B	03/31/25	03/31/25		
Q1664-22	P001-BBDGA-008-01	Water	PCB	8082A	03/28/25	03/28/25	03/26/25	03/27/25
			Pesticide-TCL	8081B	03/28/25	03/28/25		
			EPH	NJEPH	03/28/25	03/28/25		
			EPH	NJEPH	03/28/25	03/29/25		
			EPH	NJEPH	04/01/25	04/01/25		
			EPH	NJEPH	04/01/25	04/02/25		
			SPLP PCB	8082A	03/31/25	04/01/25		
			SPLP Pesticide	8081B	03/31/25	03/31/25		

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 905		Date Received:		
Client Sample ID:	PB167402TB		SDG No.:	Q1664	
Lab Sample ID:	PB167402TB		Matrix:	water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068471.D	1		04/01/25	FC040125AL

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	8.28	U	8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	13.5	U	13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	8.34	U	8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	12.5	U	12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	23.8	U	23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.5		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167402TB	Acq On:	01 Apr 2025 17:22
Client Sample ID:	PB167402TB	Operator:	YP/AJ
Data file:	FC068471.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.097	6.359	0	0	300	ug/ml
Aliphatic C12-C16	6.360	9.742	0	0	200	ug/ml
Aliphatic C16-C21	9.743	13.096	0	0	300	ug/ml
Aliphatic C21-C28	13.097	16.749	0	0	400	ug/ml
Aliphatic C28-C40	16.750	21.544	0	0	600	ug/ml
Aliphatic EPH	3.097	21.544	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.825	12.825	4840636	32.47		ug/ml
Aliphatic C9-C28	3.097	16.749	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
Data File : FC068471.D
Signal(s) : FID1A.ch
Acq On : 01 Apr 2025 17:22
Operator : YP/AJ
Sample : PB167402TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167402TB

Integration File: autoint1.e
Quant Time: Apr 02 02:59:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
Quant Title : GC Extractables
QLast Update : Wed Mar 26 13:35:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.825	4840636	32.471 ug/ml
Spiked Amount	50.000	Recovery	= 64.94%

Target Compounds

(f)=RT Delta > 1/2 Window

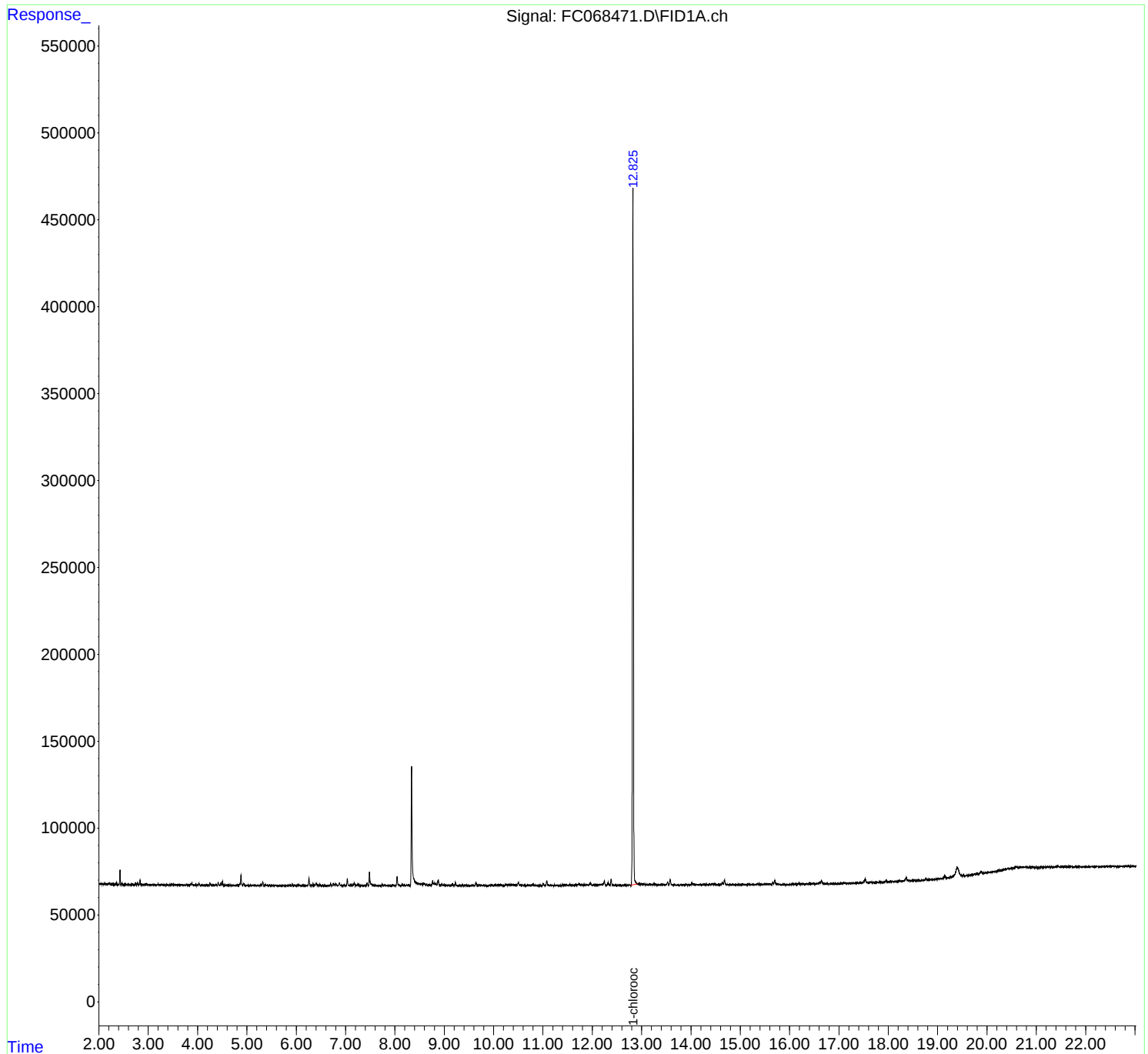
(m)=manual int.

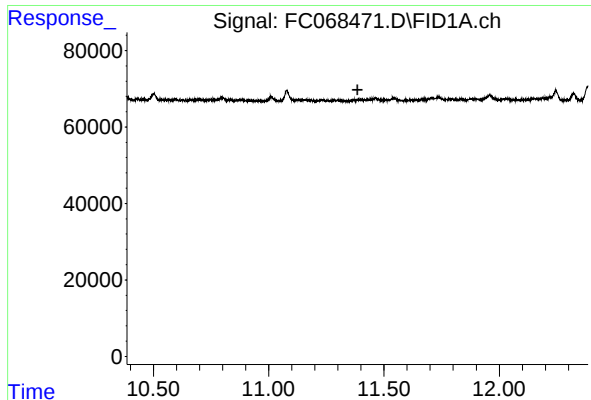
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
Data File : FC068471.D
Signal(s) : FID1A.ch
Acq On : 01 Apr 2025 17:22
Operator : YP/AJ
Sample : PB167402TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB167402TB

Integration File: autoint1.e
Quant Time: Apr 02 02:59:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
Quant Title : GC Extractables
QLast Update : Wed Mar 26 13:35:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

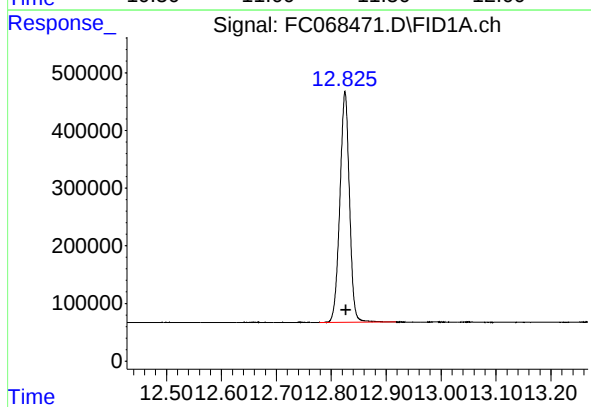




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.385 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB167402TB



#12 1-chlorooctadecane (SURR)

R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 4840636
Conc: 32.47 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
Data File : FC068471.D
Signal(s) : FID1A.ch
Acq On : 01 Apr 2025 17:22
Sample : PB167402TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	12.825	12.778	12.918	BB	398426	4840636	100.00%	100.000%
Sum of corrected areas:							4840636	

Aliphatic EPH 032625.M Wed Apr 02 03:29:52 2025

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 905		Date Received:	
Client Sample ID:	PB167402TB		SDG No.:	Q1664
Lab Sample ID:	PB167402TB		Matrix:	water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :	SW3510			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015597.D	1		04/01/25	FG040125AR

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.07	U	2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	4.26	U	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	8.27	U	8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	23.8	U	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.2		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.5		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167402TB	Acq On:	01 Apr 2025 17:00
Client Sample ID:	PB167402TB	Operator:	YP\AJ
Data file:	FG015597.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.450	6.329	0	0	200	ug/ml
Aromatic C12-C16	6.330	9.035	0	0	300	ug/ml
Aromatic C16-C21	9.036	13.365	0	0	500	ug/ml
Aromatic C21-C36	13.366	18.829	0	0	800	ug/ml
Aromatic EPH	4.450	18.829	0	0		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	5532463	37.94		ug/ml
2-Bromonaphthalene (SURR)	7.960	7.960	5395823	44.17		ug/ml
2-Fluorobiphenyl (SURR)	8.838	8.838	2684362	32.48		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015597.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 17:00
 Operator : YP\AJ
 Sample : PB167402TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167402TB

Integration File: autoint1.e
 Quant Time: Apr 02 01:16:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.960	5395823	44.172 ug/ml
Spiked Amount 50.000		Recovery =	88.34%
6) S 2-Fluorobiphenyl (SURR)	8.838	2684362	32.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.95%
11) S ortho-Terphenyl (SURR)	11.912	5532463	37.938 ug/ml
Spiked Amount 50.000		Recovery =	75.88%

Target Compounds

(f)=RT Delta > 1/2 Window

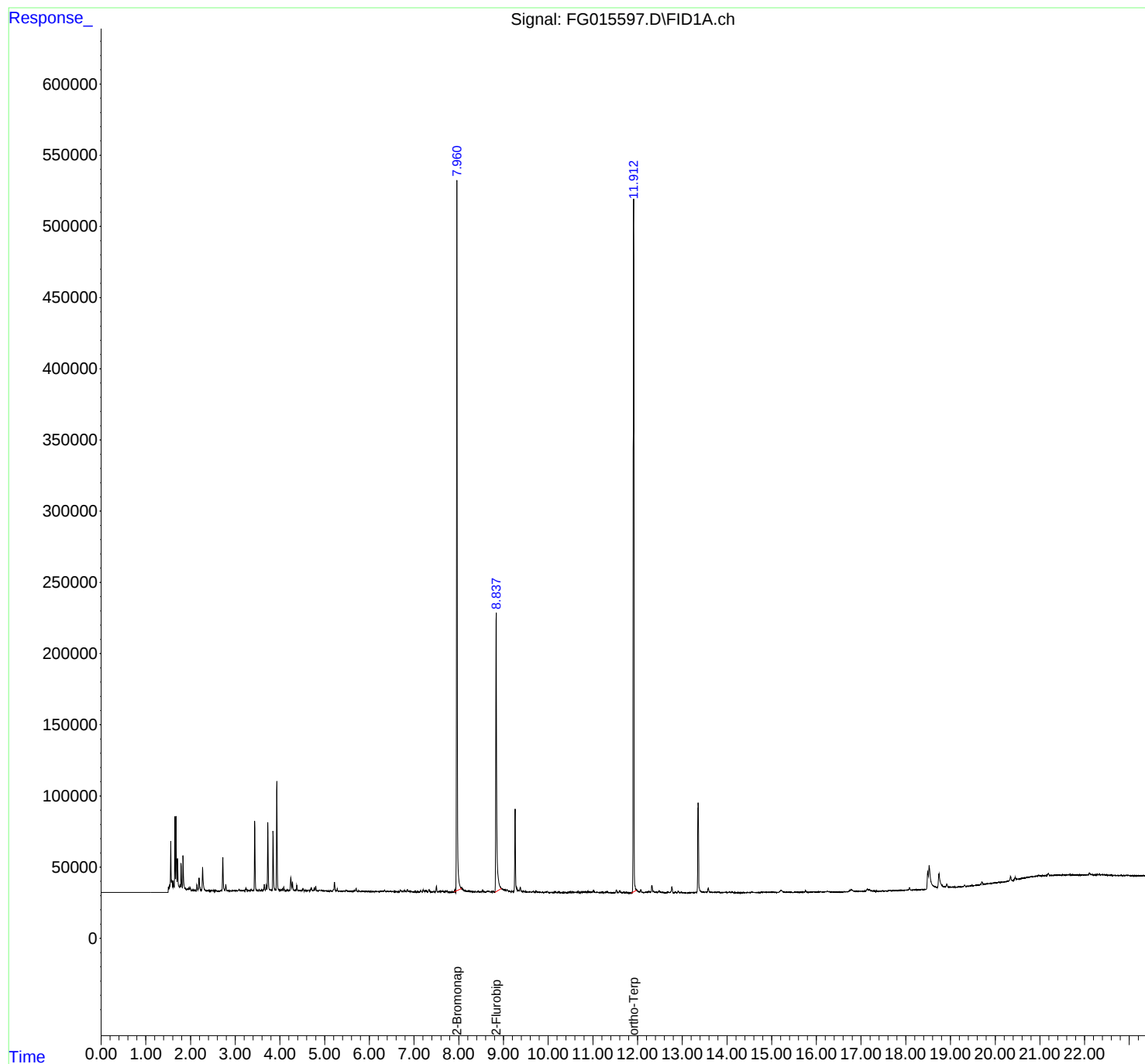
(m)=manual int.

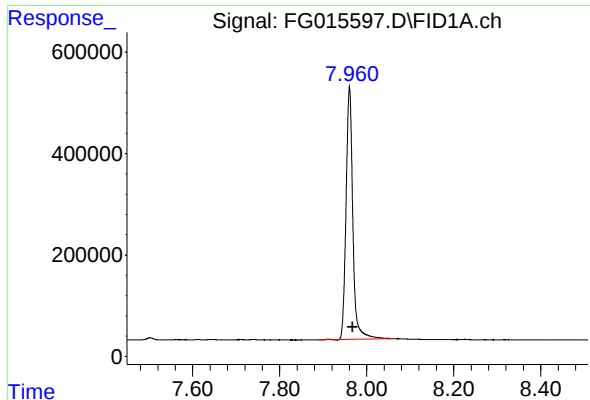
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
Data File : FG015597.D
Signal(s) : FID1A.ch
Acq On : 01 Apr 2025 17:00
Operator : YP\AJ
Sample : PB167402TB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB167402TB

Integration File: autoint1.e
Quant Time: Apr 02 01:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:13:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

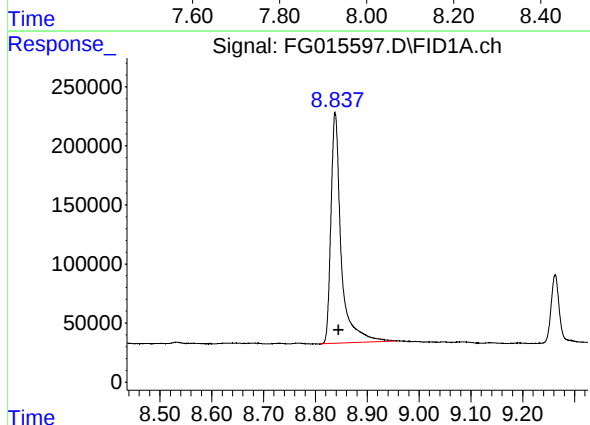




#4 2-Bromonaphthalene (SURR)

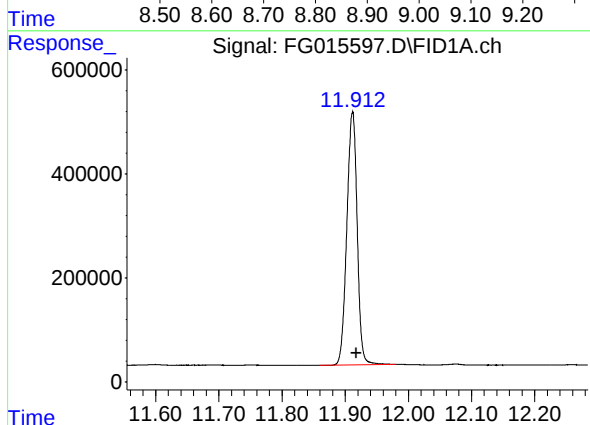
R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 5395823
Conc: 44.17 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167402TB



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 2684362
Conc: 32.48 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: -0.006 min
Response: 5532463
Conc: 37.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
Data File : FG015597.D
Signal(s) : FID1A.ch
Acq On : 01 Apr 2025 17:00
Sample : PB167402TB
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.960	7.890	8.067	BB	499190	5395823	97.53%	39.638%
2	8.838	8.807	8.955	BB	194137	2684362	48.52%	19.720%
3	11.912	11.859	11.980	BB	486898	5532463	100.00%	40.642%
Sum of corrected areas:							13612647	

Aromatic EPH 031725.M Wed Apr 02 02:26:59 2025