



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	1	SDG No.:	Q3216
Lab Sample ID:	Q3216-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 13:09	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	17.1		1	1.00	4.41	mg/kg	FC069911.D
Total EPH	Total EPH	17.1			1.00	4.41	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	1	SDG No.:	Q3216
Lab Sample ID:	Q3216-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069911.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	17.1		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.7		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-03	Acq On:	02 Oct 2025 13:09
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069911.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	3.286	6.579	781750	5.855	300	ug/ml
Aliphatic C12-C16	6.580	9.978	4587740	29.282	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16608824	92.503	300	ug/ml
Aliphatic C21-C28	13.345	17.006	18965476	104.815	400	ug/ml
Aliphatic C28-C40	17.007	21.955	45613365	354.479	600	ug/ml
Aliphatic EPH	3.286	21.955	86557155	586.935		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	4064312	21.7		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	3542911	22.44		ug/ml
Aliphatic C9-C28	3.286	17.006	40943790	232.455	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	2	SDG No.:	Q3216
Lab Sample ID:	Q3216-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 13:52	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1	1.00	4.41	mg/kg	FC069912.D
Total EPH	Total EPH	14.0			1.00	4.41	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	2	SDG No.:	Q3216
Lab Sample ID:	Q3216-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069912.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.1		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.9		40 - 140	48%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.6		40 - 140	45%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-04	Acq On:	02 Oct 2025 13:52
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC069912.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	3.286	6.579	642861	4.815	300	ug/ml
Aliphatic C12-C16	6.580	9.978	3176398	20.274	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16437081	91.547	300	ug/ml
Aliphatic C21-C28	13.345	17.006	13283596	73.414	400	ug/ml
Aliphatic C28-C40	17.007	21.955	36860886	286.46	600	ug/ml
Aliphatic EPH	3.286	21.955	70400822	476.509		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4239723	22.64		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	3769765	23.87		ug/ml
Aliphatic C9-C28	3.286	17.006	33539936	190.05	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	3	SDG No.:	Q3216
Lab Sample ID:	Q3216-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 14:35	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1	1.01	4.43	mg/kg	FC069913.D
Total EPH	Total EPH	26.8			1.01	4.43	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	3	SDG No.:	Q3216
Lab Sample ID:	Q3216-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069913.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1.01	4.43	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	58.2	E	1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.7		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-05	Acq On:	02 Oct 2025 14:35
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FC069913.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	3.286	6.579	1235695	9.255	300	ug/ml
Aliphatic C12-C16	6.580	9.978	8060951	51.451	200	ug/ml
Aliphatic C16-C21	9.979	13.344	25242784	140.59	300	ug/ml
Aliphatic C21-C28	13.345	17.006	29300906	161.936	400	ug/ml
Aliphatic C28-C40	17.007	21.955	101707618	790.41	600	ug/ml
Aliphatic EPH	3.286	21.955	165547954	1150		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	4389417	23.44		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	3895801	24.67		ug/ml
Aliphatic C9-C28	3.286	17.006	63840336	363.232	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	4	SDG No.:	Q3216
Lab Sample ID:	Q3216-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 15:18	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.00	4.40	mg/kg	FC069914.D
Total EPH	Total EPH	15.4			1.00	4.40	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	4	SDG No.:	Q3216
Lab Sample ID:	Q3216-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069914.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.00	4.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.7		1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-06	Acq On:	02 Oct 2025 15:18
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FC069914.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	3.286	6.579	808953	6.059	300	ug/ml
Aliphatic C12-C16	6.580	9.978	4373360	27.914	200	ug/ml
Aliphatic C16-C21	9.979	13.344	15079511	83.986	300	ug/ml
Aliphatic C21-C28	13.345	17.006	16571602	91.585	400	ug/ml
Aliphatic C28-C40	17.007	21.955	73180224	568.712	600	ug/ml
Aliphatic EPH	3.286	21.955	110013650	778.256		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	4564667	24.37		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	3970689	25.14		ug/ml
Aliphatic C9-C28	3.286	17.006	36833426	209.544	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	5	SDG No.:	Q3216
Lab Sample ID:	Q3216-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 16:01	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	17.0		1	1.01	4.47	mg/kg	FC069915.D
Total EPH	Total EPH	17.0			1.01	4.47	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

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MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	5	SDG No.:	Q3216
Lab Sample ID:	Q3216-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069915.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	17.0		1.01	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.7		1.32	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	21.5		40 - 140	43%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.4		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-07	Acq On:	02 Oct 2025 16:01
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC069915.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	3.286	6.579	950580	7.119	300	ug/ml
Aliphatic C12-C16	6.580	9.978	5380987	34.345	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16473472	91.749	300	ug/ml
Aliphatic C21-C28	13.345	17.006	17302134	95.623	400	ug/ml
Aliphatic C28-C40	17.007	21.955	73968264	574.837	600	ug/ml
Aliphatic EPH	3.286	21.955	114075437	803.673		ug/ml
ortho-Terphenyl (SURR)	11.649	11.649	4010342	21.41		ug/ml
1-chlorooctadecane (SURR)	13.084	13.084	3393676	21.49		ug/ml
Aliphatic C9-C28	3.286	17.006	40107173	228.836	1200	ug/ml

LAB CHRONICLE

OrderID: Q3216	OrderDate: 9/26/2025 8:55:00 AM
Client: Sciacca General Contractors, LLC	Project: 256-258 6TH AVE PATERSON
Contact: Rosanne Scirica	Location: J41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3216-01	WASTE	SOIL	TPH GC	8015D	09/25/25	10/01/25	10/01/25	09/25/25
Q3216-03	1	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-04	2	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-05	3	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-06	4	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-07	5	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25