



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	1	SDG No.:	Q2003
Lab Sample ID:	Q2003-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
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
05/15/25 13:40	05/16/25 12:58	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.02		1	1.05	4.61	mg/kg	FG015846.D
Total EPH	Total EPH	5.02			1.05	4.61	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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	1	SDG No.:	Q2003
Lab Sample ID:	Q2003-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
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
FG015846.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.02		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.65		1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.5		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-03	Acq On:	16 May 2025 12:58
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FG015846.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	356653	3.142	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1271255	10.891	200	ug/ml
Aliphatic C16-C21	10.227	13.601	2529541	20.7	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3670641	30.552	400	ug/ml
Aliphatic C28-C40	17.273	22.179	13843954	125.36	600	ug/ml
Aliphatic EPH	3.136	22.179	21672044	190.645		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	4539725	30.49		ug/ml
1-chlorooctadecane (SURR)	13.333	13.333	3564425	30.94		ug/ml
Aliphatic C9-C28	3.136	17.272	7828090	65.285	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 13:28	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.36		1	1.04	4.56	mg/kg	FG015847.D
Total EPH	Total EPH	6.36			1.04	4.56	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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.07 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
FG015847.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.36		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.9		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-04	Acq On:	16 May 2025 13:28
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FG015847.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	321592	2.833	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1126938	9.655	200	ug/ml
Aliphatic C16-C21	10.227	13.601	5407053	44.248	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3222548	26.822	400	ug/ml
Aliphatic C28-C40	17.273	22.179	16014294	145.013	600	ug/ml
Aliphatic EPH	3.136	22.179	26092425	228.571		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	3842137	25.81		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	2988652	25.94		ug/ml
Aliphatic C9-C28	3.136	17.272	10078131	83.558	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	3	SDG No.:	Q2003
Lab Sample ID:	Q2003-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 13:57	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.97		1	1.05	4.61	mg/kg	FG015848.D
Total EPH	Total EPH	7.97			1.05	4.61	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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	3	SDG No.:	Q2003
Lab Sample ID:	Q2003-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.09 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
FG015848.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.97		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.9		1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.6		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-05	Acq On:	16 May 2025 13:57
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FG015848.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	516725	4.552	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1256368	10.763	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4530747	37.077	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6151670	51.202	400	ug/ml
Aliphatic C28-C40	17.273	22.179	15667866	141.876	600	ug/ml
Aliphatic EPH	3.136	22.179	28123376	245.47		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	4555535	30.6		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	3642285	31.62		ug/ml
Aliphatic C9-C28	3.136	17.272	12455510	103.594	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	4	SDG No.:	Q2003
Lab Sample ID:	Q2003-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 14:27	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.25		1	1.05	4.60	mg/kg	FG015849.D
Total EPH	Total EPH	5.25			1.05	4.60	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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N = Presumptive Evidence of a Compound

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	4	SDG No.:	Q2003
Lab Sample ID:	Q2003-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.04 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
FG015849.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.25		1.05	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.91		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-06	Acq On:	16 May 2025 14:27
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FG015849.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	763627	6.727	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1267598	10.86	200	ug/ml
Aliphatic C16-C21	10.227	13.601	2667740	21.831	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3498357	29.118	400	ug/ml
Aliphatic C28-C40	17.273	22.179	14274949	129.263	600	ug/ml
Aliphatic EPH	3.136	22.179	22472271	197.798		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5408040	36.32		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	4278689	37.14		ug/ml
Aliphatic C9-C28	3.136	17.272	8197322	68.536	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	5	SDG No.:	Q2003
Lab Sample ID:	Q2003-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
05/15/25 13:40	05/16/25 14:56	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.81		1	1.04	4.60	mg/kg	FG015850.D
Total EPH	Total EPH	8.81			1.04	4.60	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

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J = Estimated Value

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	5	SDG No.:	Q2003
Lab Sample ID:	Q2003-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
FG015850.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.81		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.2		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.2		40 - 140	86%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-07	Acq On:	16 May 2025 14:56
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FG015850.D	Misc:	
Instrument:	FID_G	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	329147	2.899	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1317257	11.285	200	ug/ml
Aliphatic C16-C21	10.227	13.601	8122032	66.465	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4105607	34.172	400	ug/ml
Aliphatic C28-C40	17.273	22.179	19020727	172.237	600	ug/ml
Aliphatic EPH	3.136	22.179	32894770	287.059		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	6428721	43.18		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	5070377	44.01		ug/ml
Aliphatic C9-C28	3.136	17.272	13874043	114.821	1200	ug/ml

LAB CHRONICLE

OrderID:	Q2003	OrderDate:	5/9/2025 12:53:14 PM
Client:	Sciacca General Contractors, LLC	Project:	32 Sayer Pl, Hillsdale
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2003-01	WASTE	SOIL	TPH GC	8015D	05/09/25	05/16/25	05/16/25	05/09/25
Q2003-03	1	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-04	2	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-05	3	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-06	4	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-07	5	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25