

## Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/20/25
Project:	49 Moore Place Belleville	Date Received:	10/20/25
Client Sample ID:	5	SDG No.:	Q3410
Lab Sample ID:	Q3410-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.8
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	10/24/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
<b>TARGETS</b>										
Aliphatic C9-C28	Aliphatic C9-C28	27.1		1	1.15	5.08	mg/kg	FC070035.D	10/24/25 18:48	PB170249
Total EPH	Total EPH	27.1			1.15	5.08	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

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	Prep Date	10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
<b>TARGETS</b>									
Aliphatic C9-C28	Aliphatic C9-C28	27.1	1		1.15	5.08	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	124	E 1		1.49	2.53	mg/kg	10/24/25	PB170249
<b>SURROGATES</b>									
3383-33-2	1-chlorooctadecane (SURR)	28.3			40 - 140	57%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.1			40 - 140	50%	SPK: 50		

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-07	Acq On:	24 Oct 2025 18:48
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC070035.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	3.278	6.573	827359	5.714	300	ug/ml
Aliphatic C12-C16	6.574	9.974	2148900	13.12	200	ug/ml
Aliphatic C16-C21	9.975	13.340	17896158	110.507	300	ug/ml
Aliphatic C21-C28	13.341	17.004	28194673	191.615	400	ug/ml
Aliphatic C28-C40	17.005	21.957	158919517	1480	600	ug/ml
Aliphatic EPH	3.278	21.957	207986607	1800		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	4413724	25.13		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	3836171	28.26		ug/ml
Aliphatic C9-C28	3.278	17.004	49067090	320.956	1200	ug/ml