

## Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood	Date Received:	10/27/25
Client Sample ID:	2	SDG No.:	Q3474
Lab Sample ID:	Q3474-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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### TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	20.6		1	1.08	4.76	mg/kg	FC070127.D	11/03/25 18:21	PB170385
Total EPH	Total EPH	20.6			1.08	4.76	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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<b>TARGETS</b>									
Aliphatic C9-C28	Aliphatic C9-C28	20.6	1		1.08	4.76	mg/kg	11/03/25	PB170385
Aliphatic C28-C40	Aliphatic C28-C40	68.2	E 1		1.40	2.38	mg/kg	11/03/25	PB170385
<b>SURROGATES</b>									
3383-33-2	1-chlorooctadecane (SURR)	26.8			40 - 140	54%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.2			40 - 140	50%	SPK: 50		

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3474-04	Acq On:	03 Nov 2025 18:21
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC070127.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	3.277	6.571	1888930	13.046	300	ug/ml
Aliphatic C12-C16	6.572	9.972	3394994	20.729	200	ug/ml
Aliphatic C16-C21	9.973	13.339	15476696	95.567	300	ug/ml
Aliphatic C21-C28	13.340	17.004	19316949	131.281	400	ug/ml
Aliphatic C28-C40	17.005	21.958	92623667	860.816	600	ug/ml
Aliphatic EPH	3.277	21.958	132701236	1120		ug/ml
ortho-Terphenyl (SURR)	11.640	11.640	4431869	25.24		ug/ml
1-chlorooctadecane (SURR)	13.075	13.075	3642404	26.83		ug/ml
Aliphatic C9-C28	3.277	17.004	40077569	260.623	1200	ug/ml