

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:	3	SDG No.:	Q3474
Lab Sample ID:	Q3474-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 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
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	6.99		1	1.04	4.60	mg/kg	FE056663.D	11/04/25 11:51	PB170385
Total EPH	Total EPH	6.99			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

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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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.99	1		1.04	4.60	mg/kg	11/04/25	PB170385
Aliphatic C28-C40	Aliphatic C28-C40	26.0	1		1.36	2.30	mg/kg	11/04/25	PB170385
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	30.2			40 - 140	60%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	41.4			40 - 140	83%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3474-05	Acq On:	04 Nov 2025 11:51
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE056663.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.225	6.852	678440	3.964	300	ug/ml
Aliphatic C12-C16	6.853	10.301	1390367	7.778	200	ug/ml
Aliphatic C16-C21	10.302	13.678	6615224	35.469	300	ug/ml
Aliphatic C21-C28	13.679	17.350	8473400	43.957	400	ug/ml
Aliphatic C28-C40	17.351	22.304	54055243	339.299	600	ug/ml
Aliphatic EPH	3.225	22.304	71212674	430.467		ug/ml
ortho-Terphenyl (SURR)	11.975	11.975	8647093	41.39		ug/ml
1-chlorooctadecane (SURR)	13.412	13.412	4870871	30.23		ug/ml
Aliphatic C9-C28	3.225	17.350	17157431	91.168	1200	ug/ml