

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	7 Rynda Road, Maplewood		Date Received:	
Client Sample ID:	PB170385BSD		SDG No.:	Q3474
Lab Sample ID:	PB170385BSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		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

Total EPH	Total EPH	57.3			0.91	3.99	mg/kg			
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* 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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	57.3	1		0.91	3.99	mg/kg	11/03/25	PB170385
Aliphatic C28-C40	Aliphatic C28-C40	20.7	1		1.18	2.00	mg/kg	11/03/25	PB170385
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	33.9			40 - 140	68%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	32.8			40 - 140	66%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170385BSD	Acq On:	03 Nov 2025 16:56
Client Sample ID:	PB170385BSD	Operator:	YP/AJ
Data file:	FC070125.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	3.277	6.571	25855977	178.582	300	ug/ml
Aliphatic C12-C16	6.572	9.972	32099749	195.99	200	ug/ml
Aliphatic C16-C21	9.973	13.339	34373982	212.256	300	ug/ml
Aliphatic C21-C28	13.340	17.004	40104849	272.558	400	ug/ml
Aliphatic C28-C40	17.005	21.958	33460441	310.971	600	ug/ml
Aliphatic EPH	3.277	21.958	165894998	1170		ug/ml
ortho-Terphenyl (SURR)	11.640	11.640	5754284	32.77		ug/ml
1-chlorooctadecane (SURR)	13.074	13.074	4601181	33.9		ug/ml
Aliphatic C9-C28	3.277	17.004	132434557	859.386	1200	ug/ml