

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:	3	SDG No.:	Q3410
Lab Sample ID:	Q3410-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.5
Sample Wt/Vol:	30.07 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
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	24.8		1	1.14	5.01	mg/kg	FC070043.D	10/27/25 10:54	PB170249
Total EPH	Total EPH	24.8			1.14	5.01	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
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	24.8	1		1.14	5.01	mg/kg	10/27/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	57.1	E 1		1.48	2.51	mg/kg	10/27/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.6			40 - 140	59%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	37.6			40 - 140	75%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-05	Acq On:	27 Oct 2025 10:54
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FC070043.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.280	6.575	597996	4.13	300	ug/ml
Aliphatic C12-C16	6.576	9.977	2366418	14.449	200	ug/ml
Aliphatic C16-C21	9.978	13.344	19365977	119.583	300	ug/ml
Aliphatic C21-C28	13.345	17.008	23235104	157.909	400	ug/ml
Aliphatic C28-C40	17.009	21.965	73380227	681.973	600	ug/ml
Aliphatic EPH	3.280	21.965	118945722	978.045		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	6610640	37.65		ug/ml
1-chlorooctadecane (SURR)	13.078	13.078	4021352	29.62		ug/ml
Aliphatic C9-C28	3.280	17.008	45565495	296.071	1200	ug/ml