

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	5	SDG No.:	Q3661
Lab Sample ID:	Q3661-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.7
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	11/25/25
		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	10.8		1	1.17	5.15	mg/kg	FE057031.D	11/26/25 3:48	PB170727
Total EPH	Total EPH	10.8			1.17	5.15	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	10.8	1		1.17	5.15	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	7.85	1		1.52	2.57	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	24.1			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	29.7			40 - 140	59%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-07	Acq On:	26 Nov 2025 03:48
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE057031.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	326686	1.909	300	ug/ml
Aliphatic C12-C16	6.829	10.273	934911	5.23	200	ug/ml
Aliphatic C16-C21	10.274	13.645	14010883	75.123	300	ug/ml
Aliphatic C21-C28	13.646	17.314	8895838	46.148	400	ug/ml
Aliphatic C28-C40	17.315	22.241	14582150	91.531	600	ug/ml
Aliphatic EPH	3.205	22.241	38750468	219.941		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	6211432	29.73		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3891744	24.15		ug/ml
Aliphatic C9-C28	3.205	17.314	24168318	128.41	1200	ug/ml