

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	
Project:	49 Moore Place Belleville		Date Received:	
Client Sample ID:	5MSD		SDG No.:	Q3410
Lab Sample ID:	Q3410-07MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	78.8
Sample Wt/Vol:	30.06 g	Final Vol: 2000 uL	Test:	EPH_F2
Prep Method :		Prep Date : 10/24/25		

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	97.5		1	1.15	5.07	mg/kg	FC070037.D	10/24/25 20:10	PB170249
Total EPH	Total EPH	97.5			1.15	5.07	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	97.5	1		1.15	5.07	mg/kg	10/24/25	PB170249
Aliphatic C28-C40	Aliphatic C28-C40	149	E 1		1.49	2.53	mg/kg	10/24/25	PB170249
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.7			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	22.8			40 - 140	46%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3410-07MSD	Acq On:	24 Oct 2025 20:10
Client Sample ID:	Q3410-07MSD	Operator:	YP/AJ
Data file:	FC070037.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.278	6.573	25817229	178.314	300	ug/ml
Aliphatic C12-C16	6.574	9.974	33965069	207.379	200	ug/ml
Aliphatic C16-C21	9.975	13.340	50566466	312.244	300	ug/ml
Aliphatic C21-C28	13.341	17.004	67025988	455.518	400	ug/ml
Aliphatic C28-C40	17.005	21.957	189895266	1760	600	ug/ml
Aliphatic EPH	3.278	21.957	367270018	2920		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	3996382	22.76		ug/ml
1-chlorooctadecane (SURR)	13.081	13.081	3489177	25.7		ug/ml
Aliphatic C9-C28	3.278	17.004	177374752	1150	1200	ug/ml