

Report of Analysis

Client:	Sciaccia General Contractors, LLC		Date Collected:		
Project:	507 Franklin Ave		Date Received:		
Client Sample ID:	5MS		SDG No.:	Q2868	
Lab Sample ID:	Q2868-07MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.1	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/20/25 08:00	08/20/25 16:05	PB169321

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	268	E	1	1.23	2.08	mg/kg	FE055413.D
Aliphatic C9-C28	Aliphatic C9-C28	590	E	1	0.95	4.16	mg/kg	FE055413.D
Total EPH	Total EPH	858			2.17	6.24	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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FE055413.D	1	08/20/25	08/20/25	PB169321

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	590	E	0.95	4.16	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	268	E	1.23	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	57.9		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.8		40 - 140	96%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2868-07MS	Acq On:	20 Aug 2025 16:05
Client Sample ID:	Q2868-07MS	Operator:	YP\AJ
Data file:	FE055413.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.321	6.956	30840552	264.085	300	ug/ml
Aliphatic C12-C16	6.957	10.409	78256273	624.915	200	ug/ml
Aliphatic C16-C21	10.410	13.790	481482758	3810	300	ug/ml
Aliphatic C21-C28	13.791	17.463	462559096	3840	400	ug/ml
Aliphatic C28-C40	17.464	22.490	441882785	3880	600	ug/ml
Aliphatic EPH	3.321	22.490	1495021464	12400		ug/ml
ortho-Terphenyl (SURR)	12.096	12.096	6823448	47.78		ug/ml
1-chlorooctadecane (SURR)	13.531	13.531	6224183	57.89		ug/ml
Aliphatic C9-C28	3.321	17.463	1053138679	8540	1200	ug/ml