

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood	Date Received:	10/27/25
Client Sample ID:	5	SDG No.:	Q3474
Lab Sample ID:	Q3474-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.9
Sample Wt/Vol:	30.08 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	10.6		1	1.06	4.64	mg/kg	FC070130.D	11/03/25 20:27	PB170385
Total EPH	Total EPH	10.6			1.06	4.64	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	10.6	1		1.06	4.64	mg/kg	11/03/25	PB170385
Aliphatic C28-C40	Aliphatic C28-C40	47.3	E 1		1.37	2.32	mg/kg	11/03/25	PB170385
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.1			40 - 140	44%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	20.7			40 - 140	41%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3474-07	Acq On:	03 Nov 2025 20:27
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC070130.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.277	6.571	1011366	6.985	300	ug/ml
Aliphatic C12-C16	6.572	9.972	1832835	11.191	200	ug/ml
Aliphatic C16-C21	9.973	13.339	7220688	44.587	300	ug/ml
Aliphatic C21-C28	13.340	17.004	10951913	74.431	400	ug/ml
Aliphatic C28-C40	17.005	21.958	65806437	611.585	600	ug/ml
Aliphatic EPH	3.277	21.958	86823239	748.779		ug/ml
ortho-Terphenyl (SURR)	11.641	11.641	3628620	20.66		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	3002298	22.12		ug/ml
Aliphatic C9-C28	3.277	17.004	21016802	137.194	1200	ug/ml