

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	GCAP1MS		SDG No.:	Q2363	
Lab Sample ID:	Q2363-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 16:57	PB168596

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	166	E	1	1.06	4.68	mg/kg	FC069271.D
Total EPH	Total EPH	166			1.06	4.68	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 Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069271.D	1	06/24/25	06/24/25	PB168596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	166	E	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.1		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.6		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.1		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01MS	Acq On:	24 Jun 2025 16:57
Client Sample ID:	GCAP1MS	Operator:	YP/AJ
Data file:	FC069271.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	3.308	6.606	102138656	696.338	300	ug/ml
Aliphatic C12-C16	6.607	10.010	111424272	699.855	200	ug/ml
Aliphatic C16-C21	10.011	13.381	52965421	342.964	300	ug/ml
Aliphatic C21-C28	13.382	17.047	52981760	395.486	400	ug/ml
Aliphatic C28-C40	17.048	22.029	49885798	541.505	600	ug/ml
Aliphatic EPH	3.308	22.029	369395907	2680		ug/ml
ortho-Terphenyl (SURR)	11.680	11.680	4514590	26.13		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	3606277	27.6		ug/ml
Aliphatic C9-C28	3.308	17.047	319510109	2130	1200	ug/ml