

Report of Analysis

Client:	G Environmental	Date Collected:	06/18/25
Project:	Capra	Date Received:	06/18/25
Client Sample ID:	GCAP1	SDG No.:	Q2363
Lab Sample ID:	Q2363-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 08:47	06/24/25 16:10	PB168596

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	91.2		1	1.06	4.68	mg/kg	FC069270.D
Total EPH	Total EPH	91.2			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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069270.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	91.2		1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.76		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)	26.6		40 - 140	53%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2363-01	Acq On:	24 Jun 2025 16:10
Client Sample ID:	GCAP1	Operator:	YP/AJ
Data file:	FC069270.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.606	75448948	514.379	300	ug/ml
Aliphatic C12-C16	6.607	10.010	77163156	484.661	200	ug/ml
Aliphatic C16-C21	10.011	13.381	14313205	92.682	300	ug/ml
Aliphatic C21-C28	13.382	17.047	10799471	80.613	400	ug/ml
Aliphatic C28-C40	17.048	22.029	10370723	112.573	600	ug/ml
Aliphatic EPH	3.308	22.029	188095503	1280		ug/ml
ortho-Terphenyl (SURR)	11.679	11.679	4598725	26.62		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	3598819	27.55		ug/ml
Aliphatic C9-C28	3.308	17.047	177724780	1170	1200	ug/ml