

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1DL	SDG No.:	P4518
Lab Sample ID:	P4518-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067548.D	5	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	37.1		2.41	6.35	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	278	E	1.53	4.24	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	274	E	1.91	6.35	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	31.0		5.08	8.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	55.7		11.4	12.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	8.46		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-01DL	Acq On:	28 Oct 2024 18:16
Client Sample ID:	EX-5-TPH-1DL	Operator:	YP/AJ
Data file:	FC067548.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	11864579	87.581	300	ug/ml
Aliphatic C12-C16	6.454	9.842	86636057	657.92	200	ug/ml
Aliphatic C16-C21	9.843	13.200	82408747	647.689	300	ug/ml
Aliphatic C21-C28	13.201	16.853	8794558	73.233	400	ug/ml
Aliphatic C28-C40	16.854	21.695	13301454	131.576	600	ug/ml
Aliphatic EPH	3.173	21.695	203005395	1600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	913742	8.46		ug/ml
Aliphatic C9-C28	3.173	16.853	189703941	1470	1200	ug/ml