

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069162.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 20:05
 Operator : YP/AJ
 Sample : Q2126-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 06:05:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.115	3607159	40.207 ug/ml
Spiked Amount 50.000		Recovery =	80.41%
Target Compounds			
1) T n-Nonane (C9)	3.405	325496	3.067 ug/ml
2) T n-Decane (C10)	4.479	402951	3.805 ug/mlm
4) T n-Dodecane (C12)	6.505	432793	4.117 ug/ml
6) T n-Tetradecane (C14)	8.305	469754	4.583 ug/ml
7) T n-Hexadecane (C16)	9.909	455828	4.492 ug/ml
8) T n-Octadecane (C18)	11.354	482015	4.823 ug/ml
10) T n-Eicosane (C20)	12.666	494229	5.074 ug/ml
11) T n-Heneicosane (C21)	13.279	463856	4.819 ug/ml
13) T n-Docosane (C22)	13.867	470929	4.943 ug/ml
14) T n-Tetracosane (C24)	14.972	475627	5.052 ug/ml
15) T n-Hexacosane (C26)	15.995	468148	5.042 ug/ml
16) T n-Octacosane (C28)	16.947	463163	4.983 ug/ml
17) T n-Tricontane (C30)	17.836	478782	4.948 ug/ml
18) T n-Dotriacontane (C32)	18.671	487557	4.920 ug/ml
19) T n-Tetratriacontane (C34)	19.456	468028	4.856 ug/ml
20) T n-Hexatriacontane (C36)	20.198	426605	4.494 ug/ml
21) T n-Octatriacontane (C38)	20.968	383465	4.203 ug/ml
22) T n-Tetracontane (C40)	21.935	358334	4.061 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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