

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054333.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 11:39
 Operator : YP\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 01:14:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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...	13.274	5822414	47.745 ug/ml
Spiked Amount 50.000		Recovery =	95.49%
Target Compounds			
1) T n-Nonane (C9)	3.177	340385	2.741 ug/mlm
2) T n-Decane (C10)	4.441	386141	3.108 ug/ml
4) T n-Dodecane (C12)	6.621	449570	3.531 ug/mlm
6) T n-Tetradecane (C14)	8.456	503597	3.890 ug/ml
7) T n-Hexadecane (C16)	10.068	524640	3.949 ug/ml
8) T n-Octadecane (C18)	11.513	604394	4.476 ug/mlm
10) T n-Eicosane (C20)	12.826	610570	4.564 ug/ml
11) T n-Heneicosane (C21)	13.439	597891	4.497 ug/ml
13) T n-Docosane (C22)	14.027	590047	4.500 ug/ml
14) T n-Tetracosane (C24)	15.132	609320	4.724 ug/mlm
15) T n-Hexacosane (C26)	16.154	577893	4.604 ug/mlm
16) T n-Octacosane (C28)	17.106	572714	4.670 ug/mlm
17) T n-Tricontane (C30)	17.994	599975	4.841 ug/ml
18) T n-Dotriacontane (C32)	18.828	626752	4.988 ug/ml
19) T n-Tetratriacontane (C34)	19.612	638884	5.135 ug/mlm
20) T n-Hexatriacontane (C36)	20.354	586670	4.557 ug/ml
21) T n-Octatriacontane (C38)	21.081	576732	4.368 ug/ml
22) T n-Tetracontane (C40)	21.969	553170	4.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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