

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016009.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 19:54
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 17 01:55:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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...	13.441	5590818	49.864 ug/ml
Spiked Amount 50.000		Recovery =	99.73%
Target Compounds			
1) T n-Nonane (C9)	3.367	328716	2.803 ug/ml
2) T n-Decane (C10)	4.624	401346	3.353 ug/ml
4) T n-Dodecane (C12)	6.797	469906	3.882 ug/ml
6) T n-Tetradecane (C14)	8.628	512574	4.215 ug/ml
7) T n-Hexadecane (C16)	10.236	499724	3.949 ug/ml
8) T n-Octadecane (C18)	11.680	540326	4.143 ug/ml
10) T n-Eicosane (C20)	12.992	574702	4.475 ug/ml
11) T n-Heneicosane (C21)	13.604	546043	4.287 ug/ml
13) T n-Docosane (C22)	14.191	564058	4.409 ug/ml
14) T n-Tetracosane (C24)	15.297	569643	4.391 ug/mlm
15) T n-Hexacosane (C26)	16.319	557004	4.342 ug/ml
16) T n-Octacosane (C28)	17.270	581022	4.632 ug/ml
17) T n-Tricontane (C30)	18.160	633944	5.068 ug/ml
18) T n-Dotriacontane (C32)	18.994	623989	5.278 ug/mlm
19) T n-Tetratriacontane (C34)	19.779	574104	5.448 ug/mlm
20) T n-Hexatriacontane (C36)	20.521	508579	5.651 ug/ml
21) T n-Octatriacontane (C38)	21.284	457034	5.655 ug/mlm
22) T n-Tetracontane (C40)	22.242	406365	5.495 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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