

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016095.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 11:57
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:00:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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...	13.537	4183139	41.514 ug/ml
Spiked Amount 50.000		Recovery =	83.03%
Target Compounds			
1) T n-Nonane (C9)	3.421	152740	1.412 ug/ml
2) T n-Decane (C10)	4.679	188532	1.719 ug/mlm
4) T n-Dodecane (C12)	6.857	221064	2.008 ug/ml
6) T n-Tetradecane (C14)	8.695	249020	2.268 ug/ml
7) T n-Hexadecane (C16)	10.313	227311	1.997 ug/ml
8) T n-Octadecane (C18)	11.766	243728	2.094 ug/ml
10) T n-Eicosane (C20)	13.085	261656	2.299 ug/ml
11) T n-Heneicosane (C21)	13.702	245597	2.169 ug/ml
13) T n-Docosane (C22)	14.291	258626	2.275 ug/ml
14) T n-Tetracosane (C24)	15.402	258949	2.246 ug/ml
15) T n-Hexacosane (C26)	16.429	257839	2.241 ug/ml
16) T n-Octacosane (C28)	17.383	264835	2.334 ug/ml
17) T n-Tricontane (C30)	18.276	297240	2.596 ug/ml
18) T n-Dotriacontane (C32)	19.112	298505	2.738 ug/ml
19) T n-Tetratriacontane (C34)	19.899	273511	2.765 ug/ml
20) T n-Hexatriacontane (C36)	20.642	242367	2.855 ug/mlm
21) T n-Octatriacontane (C38)	21.431	215574	2.856 ug/ml
22) T n-Tetracontane (C40)	22.432	196915	2.848 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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