

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AL\
 Data File : FD048999.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 16:40
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 05:03:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 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...	12.685	4348235	29.623 ug/ml
Spiked Amount 50.000		Recovery =	59.25%
Target Compounds			
1) T n-Nonane (C9)	3.112	286979	1.794 ug/ml
2) T n-Decane (C10)	4.157	330114	2.025 ug/ml
4) T n-Dodecane (C12)	6.149	398107	2.404 ug/ml
6) T n-Tetradecane (C14)	7.930	404546	2.447 ug/ml
7) T n-Hexadecane (C16)	9.518	413979	2.401 ug/mlm
8) T n-Octadecane (C18)	10.948	442543	2.510 ug/ml
10) T n-Eicosane (C20)	12.248	467564	2.717 ug/ml
11) T n-Heneicosane (C21)	12.856	457027	2.684 ug/ml
13) T n-Docosane (C22)	13.442	450690	2.650 ug/mlm
14) T n-Tetracosane (C24)	14.537	441243	2.590 ug/ml
15) T n-Hexacosane (C26)	15.553	438051	2.615 ug/ml
16) T n-Octacosane (C28)	16.497	458862	2.758 ug/ml
17) T n-Tricontane (C30)	17.380	494689	2.882 ug/ml
18) T n-Dotriacontane (C32)	18.208	497394	3.043 ug/ml
19) T n-Tetratriacontane (C34)	18.987	459358	3.297 ug/mlm
20) T n-Hexatriacontane (C36)	19.724	404852	3.521 ug/ml
21) T n-Octatriacontane (C38)	20.422	363836	3.511 ug/ml
22) T n-Tetracontane (C40)	21.211	315906	3.296 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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