

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AL\
 Data File : FF015345.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 02:47
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 05:15:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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...	13.366	4375852	35.938 ug/ml
Spiked Amount 50.000		Recovery =	71.88%
Target Compounds			
1) T n-Nonane (C9)	3.316	190234	1.465 ug/ml
2) T n-Decane (C10)	4.568	224718	1.691 ug/ml
4) T n-Dodecane (C12)	6.731	287460	2.115 ug/ml
6) T n-Tetradecane (C14)	8.558	265350	1.929 ug/ml
7) T n-Hexadecane (C16)	10.165	248571	1.716 ug/ml
8) T n-Octadecane (C18)	11.608	274213	1.845 ug/ml
10) T n-Eicosane (C20)	12.917	287611	2.004 ug/mlm
11) T n-Heneicosane (C21)	13.530	273815	1.937 ug/ml
13) T n-Docosane (C22)	14.118	273437	1.945 ug/mlm
14) T n-Tetracosane (C24)	15.225	262664	1.887 ug/ml
15) T n-Hexacosane (C26)	16.247	251272	1.855 ug/ml
16) T n-Octacosane (C28)	17.199	244762	1.860 ug/ml
17) T n-Tricontane (C30)	18.089	249212	1.879 ug/ml
18) T n-Dotriacontane (C32)	18.922	256582	2.034 ug/ml
19) T n-Tetratriacontane (C34)	19.708	231774	2.129 ug/mlm
20) T n-Hexatriacontane (C36)	20.449	211027	2.260 ug/mlm
21) T n-Octatriacontane (C38)	21.192	201245	2.293 ug/mlm
22) T n-Tetracontane (C40)	22.126	157780	1.861 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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