

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
 Data File : FG015187.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 17:46
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 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 02:35:46 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...	13.384	4279646	35.148 ug/ml
Spiked Amount 50.000		Recovery =	70.30%
Target Compounds			
1) T n-Nonane (C9)	3.281	296120	2.281 ug/ml
2) T n-Decane (C10)	4.540	349436	2.630 ug/ml
4) T n-Dodecane (C12)	6.719	411670	3.028 ug/ml
6) T n-Tetradecane (C14)	8.555	418835	3.046 ug/ml
7) T n-Hexadecane (C16)	10.170	432353	2.984 ug/ml
8) T n-Octadecane (C18)	11.620	466471	3.139 ug/ml
10) T n-Eicosane (C20)	12.935	467273	3.255 ug/ml
11) T n-Heneicosane (C21)	13.550	450336	3.185 ug/ml
13) T n-Docosane (C22)	14.138	447944	3.186 ug/mlm
14) T n-Tetracosane (C24)	15.246	440972	3.168 ug/ml
15) T n-Hexacosane (C26)	16.271	425365	3.140 ug/ml
16) T n-Octacosane (C28)	17.222	417630	3.174 ug/ml
17) T n-Tricontane (C30)	18.114	423287	3.191 ug/ml
18) T n-Dotriacontane (C32)	18.948	420777	3.336 ug/ml
19) T n-Tetratriacontane (C34)	19.734	405039	3.720 ug/ml
20) T n-Hexatriacontane (C36)	20.476	385663	4.131 ug/ml
21) T n-Octatriacontane (C38)	21.226	376748	4.293 ug/ml
22) T n-Tetracontane (C40)	22.164	352286	4.156 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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