

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014033.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 11:04
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:56:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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...	13.287	2971636	29.405 ug/ml
Spiked Amount 50.000		Recovery =	58.81%
Target Compounds			
1) T n-Nonane (C9)	3.218	164549	1.263 ug/ml
2) T n-Decane (C10)	4.468	200000	1.506 ug/ml
4) T n-Dodecane (C12)	6.639	306862	2.315 ug/ml
6) T n-Tetradecane (C14)	8.471	292582	2.255 ug/ml
7) T n-Hexadecane (C16)	10.082	237870	1.808 ug/ml
8) T n-Octadecane (C18)	11.528	255054	1.945 ug/ml
10) T n-Eicosane (C20)	12.840	261678	2.109 ug/ml
11) T n-Heneicosane (C21)	13.454	235110	1.938 ug/ml
13) T n-Docosane (C22)	14.043	250314	2.086 ug/ml
14) T n-Tetracosane (C24)	15.150	263220	2.220 ug/ml
15) T n-Hexacosane (C26)	16.174	243001	2.090 ug/ml
16) T n-Octacosane (C28)	17.125	266983	2.343 ug/ml
17) T n-Tricontane (C30)	18.015	306716	2.647 ug/ml
18) T n-Dotriacontane (C32)	18.848	355471	3.104 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	297329	2.620 ug/ml
20) T n-Hexatriacontane (C36)	20.376	254854	2.276 ug/ml
21) T n-Octatriacontane (C38)	21.108	246596	2.131 ug/ml
22) T n-Tetracontane (C40)	22.006	190191	1.635 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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