

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013052.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 16:48
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 2023
 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...	13.433	3557547	35.301 ug/ml
Spiked Amount 50.000		Recovery =	70.60%
Target Compounds			
1) T n-Nonane (C9)	3.345	294292	2.464 ug/ml
2) T n-Decane (C10)	4.599	373546	3.064 ug/ml
4) T n-Dodecane (C12)	6.772	442205	3.628 ug/ml
6) T n-Tetradecane (C14)	8.607	413890	3.460 ug/ml
7) T n-Hexadecane (C16)	10.220	426616	3.487 ug/ml
8) T n-Octadecane (C18)	11.669	448160	3.660 ug/ml
10) T n-Eicosane (C20)	12.984	469034	4.017 ug/ml
11) T n-Heneicosane (C21)	13.598	451678	3.955 ug/ml
13) T n-Docosane (C22)	14.187	454866	4.008 ug/ml
14) T n-Tetracosane (C24)	15.293	459690	4.061 ug/ml
15) T n-Hexacosane (C26)	16.317	441489	3.982 ug/ml
16) T n-Octacosane (C28)	17.269	453876	4.137 ug/ml
17) T n-Tricontane (C30)	18.158	478788	4.181 ug/mlm
18) T n-Dotriacontane (C32)	18.993	484161	4.218 ug/ml
19) T n-Tetratriacontane (C34)	19.778	462080	4.130 ug/mlm
20) T n-Hexatriacontane (C36)	20.518	427170	3.746 ug/mlm
21) T n-Octatriacontane (C38)	21.277	427772	3.729 ug/ml
22) T n-Tetracontane (C40)	22.231	416783	3.600 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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