

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013051.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 16:19
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 13 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 23:50:02 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...	13.432	2704961	26.841 ug/ml
Spiked Amount 50.000		Recovery =	53.68%
Target Compounds			
1) T n-Nonane (C9)	3.346	151247	1.266 ug/ml
2) T n-Decane (C10)	4.598	196609	1.613 ug/ml
4) T n-Dodecane (C12)	6.772	244172	2.003 ug/ml
6) T n-Tetradecane (C14)	8.606	219625	1.836 ug/ml
7) T n-Hexadecane (C16)	10.220	220982	1.806 ug/ml
8) T n-Octadecane (C18)	11.670	226825	1.853 ug/ml
10) T n-Eicosane (C20)	12.984	235823	2.020 ug/ml
11) T n-Heneicosane (C21)	13.598	226628	1.985 ug/ml
13) T n-Docosane (C22)	14.186	230861	2.034 ug/ml
14) T n-Tetracosane (C24)	15.292	234244	2.069 ug/mlm
15) T n-Hexacosane (C26)	16.316	226524	2.043 ug/ml
16) T n-Octacosane (C28)	17.268	241768	2.204 ug/ml
17) T n-Tricontane (C30)	18.158	274517	2.397 ug/ml
18) T n-Dotriacontane (C32)	18.992	304814	2.655 ug/ml
19) T n-Tetratriacontane (C34)	19.778	284959	2.547 ug/ml
20) T n-Hexatriacontane (C36)	20.518	275472	2.416 ug/mlm
21) T n-Octatriacontane (C38)	21.278	244419	2.131 ug/ml
22) T n-Tetracontane (C40)	22.230	221415	1.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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