

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013581.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 11:52
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 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 23:49:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 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...	13.315	4171212	34.805 ug/ml
Spiked Amount 50.000		Recovery =	69.61%
Target Compounds			
1) T n-Nonane (C9)	3.272	310390	2.440 ug/ml
2) T n-Decane (C10)	4.520	389568	3.014 ug/mlm
4) T n-Dodecane (C12)	6.684	460511	3.547 ug/ml
6) T n-Tetradecane (C14)	8.510	432033	3.393 ug/ml
7) T n-Hexadecane (C16)	10.116	436090	3.302 ug/ml
8) T n-Octadecane (C18)	11.558	468859	3.426 ug/ml
10) T n-Eicosane (C20)	12.869	530349	3.896 ug/ml
11) T n-Heneicosane (C21)	13.481	503221	3.733 ug/ml
13) T n-Docosane (C22)	14.067	506758	3.758 ug/ml
14) T n-Tetracosane (C24)	15.171	517850	3.790 ug/ml
15) T n-Hexacosane (C26)	16.192	510205	3.748 ug/ml
16) T n-Octacosane (C28)	17.140	516404	3.862 ug/ml
17) T n-Tricontane (C30)	18.029	532906	3.847 ug/ml
18) T n-Dotriacontane (C32)	18.863	587525	4.277 ug/ml
19) T n-Tetratriacontane (C34)	19.644	491595	3.796 ug/ml
20) T n-Hexatriacontane (C36)	20.383	471592	3.782 ug/mlm
21) T n-Octatriacontane (C38)	21.112	421000	3.583 ug/ml
22) T n-Tetracontane (C40)	22.000	412633	3.587 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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