

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064744.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 12:53
 Operator : YP/AJ
 Sample : 04699-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Oct 05 23:53:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.953	5375969	36.908 ug/ml
Spiked Amount 50.000		Recovery =	73.82%
Target Compounds			
1) T n-Nonane (C9)	3.330	301466	1.706 ug/ml
2) T n-Decane (C10)	4.387	379999	2.115 ug/ml
4) T n-Dodecane (C12)	6.395	504435	2.777 ug/ml
6) T n-Tetradecane (C14)	8.182	494683	2.788 ug/ml
7) T n-Hexadecane (C16)	9.775	511957	2.848 ug/ml
8) T n-Octadecane (C18)	11.209	555956	3.071 ug/ml
10) T n-Eicosane (C20)	12.510	589351	3.460 ug/ml
11) T n-Heneicosane (C21)	13.119	569374	3.438 ug/ml
13) T n-Docosane (C22)	13.704	554323	3.403 ug/ml
14) T n-Tetracosane (C24)	14.801	556443	3.505 ug/ml
15) T n-Hexacosane (C26)	15.817	526605	3.450 ug/ml
16) T n-Octacosane (C28)	16.762	523263	3.536 ug/ml
17) T n-Tricontane (C30)	17.645	544601	3.666 ug/ml
18) T n-Dotriacontane (C32)	18.471	540944	3.707 ug/ml
19) T n-Tetratriacontane (C34)	19.252	512620	3.606 ug/ml
20) T n-Hexatriacontane (C36)	19.988	457237	3.320 ug/ml
21) T n-Octatriacontane (C38)	20.709	411986	3.006 ug/ml
22) T n-Tetracontane (C40)	21.590	370738	2.725 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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