

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101424AL\
 Data File : FC067433.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 18:30
 Operator : YP/AJ
 Sample : P4368-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 04:32:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.940	4591855	40.566 ug/ml
Spiked Amount 50.000		Recovery =	81.13%
Target Compounds			
1) T n-Nonane (C9)	3.276	166170	1.311 ug/ml
2) T n-Decane (C10)	4.340	201033	1.564 ug/mlm
4) T n-Dodecane (C12)	6.356	267504	2.061 ug/ml
6) T n-Tetradecane (C14)	8.148	241964	1.879 ug/ml
7) T n-Hexadecane (C16)	9.748	230836	1.734 ug/ml
8) T n-Octadecane (C18)	11.187	250747	1.849 ug/ml
10) T n-Eicosane (C20)	12.494	269421	2.063 ug/ml
11) T n-Heneicosane (C21)	13.106	251539	1.961 ug/ml
13) T n-Docosane (C22)	13.692	258099	2.021 ug/ml
14) T n-Tetracosane (C24)	14.793	292282	2.285 ug/ml
15) T n-Hexacosane (C26)	15.813	253299	2.009 ug/ml
16) T n-Octacosane (C28)	16.762	246888	1.965 ug/ml
17) T n-Tricontane (C30)	17.648	259250	2.012 ug/ml
18) T n-Dotriacontane (C32)	18.481	268874	2.152 ug/ml
19) T n-Tetratriacontane (C34)	19.263	256683	2.349 ug/ml
20) T n-Hexatriacontane (C36)	20.003	235603	2.493 ug/ml
21) T n-Octatriacontane (C38)	20.727	239647	2.733 ug/ml
22) T n-Tetracontane (C40)	21.614	226932	2.637 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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