

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057723.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 21:59
 Operator : AJ\MA
 Sample : M4068-01
 Misc : 4 PPM LOD SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e
 Quant Time: Jan 06 00:00:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.155	7439454	50.476 ug/ml
Spiked Amount 50.000		Recovery =	100.95%
Target Compounds			
1) T n-Nonane (C9)	2.642	653949	4.089 ug/ml
2) T n-Decane (C10)	3.632	668662	4.160 ug/ml
4) T n-Dodecane (C12)	5.604	684016	4.241 ug/ml
6) T n-Tetradecane (C14)	7.384	698024	4.228 ug/ml
7) T n-Hexadecane (C16)	8.974	709228	4.246 ug/ml
8) T n-Octadecane (C18)	10.408	735478	4.274 ug/ml
10) T n-Eicosane (C20)	11.711	719972	4.206 ug/ml
11) T n-Heneicosane (C21)	12.321	774040	4.476 ug/ml
13) T n-Docosane (C22)	12.903	721067	4.168 ug/ml
14) T n-Tetracosane (C24)	14.002	703809	4.066 ug/ml
15) T n-Hexacosane (C26)	15.018	697664	4.146 ug/ml
16) T n-Octacosane (C28)	15.965	689985	4.216 ug/ml
17) T n-Tricontane (C30)	16.851	683635	4.379 ug/ml
18) T n-Dotriacontane (C32)	17.681	646217	4.635 ug/ml
19) T n-Tetratriacontane (C34)	18.461	627874	5.052 ug/ml
20) T n-Hexatriacontane (C36)	19.199	563002	5.064 ug/ml
21) T n-Octatriacontane (C38)	19.906	539655	5.173 ug/mlm
22) T n-Tetracontane (C40)	20.734	542980	5.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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