

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057722.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 21:25
 Operator : AJ\MA
 Sample : M4068-01
 Misc : 2.5 PPM LOD SOIL
 ALS Vial : 15 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 05 23:59:43 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...	12.156	7690319	52.178 ug/ml
Spiked Amount 50.000		Recovery =	104.36%
Target Compounds			
1) T n-Nonane (C9)	2.643	411102	2.571 ug/ml
2) T n-Decane (C10)	3.633	419305	2.609 ug/ml
4) T n-Dodecane (C12)	5.604	428711	2.658 ug/ml
6) T n-Tetradecane (C14)	7.383	434947	2.635 ug/ml
7) T n-Hexadecane (C16)	8.974	447506	2.679 ug/ml
8) T n-Octadecane (C18)	10.408	467704	2.718 ug/ml
10) T n-Eicosane (C20)	11.711	457931	2.675 ug/ml
11) T n-Heneicosane (C21)	12.321	578577	3.346 ug/ml
13) T n-Docosane (C22)	12.904	457511	2.644 ug/ml
14) T n-Tetracosane (C24)	14.002	453466	2.620 ug/ml
15) T n-Hexacosane (C26)	15.019	439836	2.614 ug/ml
16) T n-Octacosane (C28)	15.966	446527	2.729 ug/ml
17) T n-Tricontane (C30)	16.850	450187	2.884 ug/mlm
18) T n-Dotriacontane (C32)	17.680	443720	3.183 ug/ml
19) T n-Tetratriacontane (C34)	18.460	419477	3.375 ug/mlm
20) T n-Hexatriacontane (C36)	19.201	376383	3.385 ug/ml
21) T n-Octatriacontane (C38)	19.906	336353	3.224 ug/mlm
22) T n-Tetracontane (C40)	20.734	366424	3.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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