

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057724.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 22:33
 Operator : AJ\MA
 Sample : M4068-02
 Misc : 5 PPM LOQ SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-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 00:00:20 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...	12.154	5833070	39.577 ug/ml
Spiked Amount 50.000		Recovery =	79.15%
Target Compounds			
1) T n-Nonane (C9)	2.642	725351	4.536 ug/ml
2) T n-Decane (C10)	3.632	735560	4.576 ug/ml
4) T n-Dodecane (C12)	5.603	760810	4.717 ug/ml
6) T n-Tetradecane (C14)	7.383	776984	4.706 ug/ml
7) T n-Hexadecane (C16)	8.975	784900	4.699 ug/ml
8) T n-Octadecane (C18)	10.408	814121	4.731 ug/ml
10) T n-Eicosane (C20)	11.712	794540	4.641 ug/ml
11) T n-Heneicosane (C21)	12.321	828573	4.792 ug/ml
13) T n-Docosane (C22)	12.904	794361	4.592 ug/ml
14) T n-Tetracosane (C24)	14.002	781046	4.512 ug/ml
15) T n-Hexacosane (C26)	15.019	771870	4.587 ug/ml
16) T n-Octacosane (C28)	15.965	762453	4.659 ug/ml
17) T n-Tricontane (C30)	16.851	741077	4.747 ug/ml
18) T n-Dotriacontane (C32)	17.680	698191	5.008 ug/ml
19) T n-Tetratriacontane (C34)	18.462	669774	5.389 ug/ml
20) T n-Hexatriacontane (C36)	19.200	617175	5.551 ug/ml
21) T n-Octatriacontane (C38)	19.907	590880	5.664 ug/ml
22) T n-Tetracontane (C40)	20.735	591052	6.173 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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