

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC062997.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 15:02
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2023
 Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e
 Quant Time: Feb 24 05:29:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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...	12.978	5776322	59.215 ug/ml
Spiked Amount 50.000		Recovery =	118.43%
Target Compounds			
1) T n-Nonane (C9)	3.298	191529	1.615 ug/ml
2) T n-Decane (C10)	4.364	232443	2.016 ug/ml
4) T n-Dodecane (C12)	6.384	307255	2.661 ug/ml
6) T n-Tetradecane (C14)	8.179	283828	2.511 ug/ml
7) T n-Hexadecane (C16)	9.780	291785	2.536 ug/ml
8) T n-Octadecane (C18)	11.222	307542	2.640 ug/ml
10) T n-Eicosane (C20)	12.530	317978	2.791 ug/ml
11) T n-Heneicosane (C21)	13.141	293259	2.573 ug/ml
13) T n-Docosane (C22)	13.727	311427	2.761 ug/ml
14) T n-Tetracosane (C24)	14.828	315370	2.814 ug/ml
15) T n-Hexacosane (C26)	15.848	304542	2.754 ug/ml
16) T n-Octacosane (C28)	16.797	304011	2.763 ug/ml
17) T n-Tricontane (C30)	17.684	322673	2.930 ug/ml
18) T n-Dotriacontane (C32)	18.515	336885	3.019 ug/ml
19) T n-Tetratriacontane (C34)	19.297	328480	2.939 ug/ml
20) T n-Hexatriacontane (C36)	20.034	309421	2.850 ug/ml
21) T n-Octatriacontane (C38)	20.765	296129	2.725 ug/ml
22) T n-Tetracontane (C40)	21.663	314773	2.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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