

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060527.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 13:01
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:59:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 Qlast Update : Sat Jun 25 04:15:44 2022
 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...	12.000	6594523	44.741 ug/ml
Spiked Amount 50.000		Recovery =	89.48%
Target Compounds			
1) T n-Nonane (C9)	2.643	305001	1.988 ug/ml
2) T n-Decane (C10)	3.636	386837	2.533 ug/ml
4) T n-Dodecane (C12)	5.574	732403	4.532 ug/mlm
6) T n-Tetradecane (C14)	7.323	578210	3.500 ug/mlm
7) T n-Hexadecane (C16)	8.882	576164	3.409 ug/mlm
8) T n-Octadecane (C18)	10.287	629038	3.656 ug/ml
10) T n-Eicosane (C20)	11.562	631788	3.702 ug/mlm
11) T n-Heneicosane (C21)	12.160	626365	3.674 ug/ml
13) T n-Docosane (C22)	12.731	630764	3.700 ug/ml
14) T n-Tetracosane (C24)	13.807	629530	3.749 ug/ml
15) T n-Hexacosane (C26)	14.803	619521	3.770 ug/ml
16) T n-Octacosane (C28)	15.729	613314	3.865 ug/ml
17) T n-Tricontane (C30)	16.594	642050	4.218 ug/ml
18) T n-Dotriacontane (C32)	17.405	637624	4.386 ug/ml
19) T n-Tetratriacontane (C34)	18.169	577407	4.546 ug/ml
20) T n-Hexatriacontane (C36)	18.890	516926	4.606 ug/ml
21) T n-Octatriacontane (C38)	19.571	486079	4.440 ug/ml
22) T n-Tetracontane (C40)	20.218	468542	4.149 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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