

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060186.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 11:41
 Operator : UA/NP
 Sample : N1645-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:04:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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...	12.017	4240635	34.202 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
Target Compounds			
1) T n-Nonane (C9)	2.640	247204	1.931 ug/ml
2) T n-Decane (C10)	3.637	332363	2.598 ug/ml
4) T n-Dodecane (C12)	5.583	522374	3.919 ug/ml
6) T n-Tetradecane (C14)	7.333	442016	3.238 ug/ml
7) T n-Hexadecane (C16)	8.894	465931	3.321 ug/ml
8) T n-Octadecane (C18)	10.301	505264	3.531 ug/ml
10) T n-Eicosane (C20)	11.580	537782	3.769 ug/ml
11) T n-Heneicosane (C21)	12.178	544778	3.801 ug/ml
13) T n-Docosane (C22)	12.750	545416	3.828 ug/ml
14) T n-Tetracosane (C24)	13.826	543358	3.872 ug/ml
15) T n-Hexacosane (C26)	14.823	524110	3.870 ug/ml
16) T n-Octacosane (C28)	15.751	517983	3.977 ug/ml
17) T n-Tricontane (C30)	16.619	521738	4.262 ug/mlm
18) T n-Dotriacontane (C32)	17.430	529518	4.749 ug/ml
19) T n-Tetratriacontane (C34)	18.195	441823	4.332 ug/ml
20) T n-Hexatriacontane (C36)	18.916	365354	3.858 ug/ml
21) T n-Octatriacontane (C38)	19.599	335329	3.635 ug/ml
22) T n-Tetracontane (C40)	20.247	332395	3.533 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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