

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060525.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 11:34
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 5 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 04:58:54 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...	11.999	4244603	28.797 ug/ml
Spiked Amount 50.000		Recovery =	57.59%
Target Compounds			
1) T n-Nonane (C9)	2.651	93337	0.608 ug/mlm
2) T n-Decane (C10)	3.646	115311	0.755 ug/mlm
4) T n-Dodecane (C12)	5.581	295514	1.829 ug/ml
6) T n-Tetradecane (C14)	7.330	186620	1.130 ug/ml
7) T n-Hexadecane (C16)	8.887	176303	1.043 ug/ml
8) T n-Octadecane (C18)	10.291	208337	1.211 ug/mlm
10) T n-Eicosane (C20)	11.566	209875	1.230 ug/ml
11) T n-Heneicosane (C21)	12.162	208779	1.225 ug/ml
13) T n-Docosane (C22)	12.735	210014	1.232 ug/ml
14) T n-Tetracosane (C24)	13.808	208663	1.243 ug/ml
15) T n-Hexacosane (C26)	14.805	209065	1.272 ug/ml
16) T n-Octacosane (C28)	15.729	210026	1.324 ug/ml
17) T n-Tricontane (C30)	16.595	219314	1.441 ug/ml
18) T n-Dotriacontane (C32)	17.406	216576	1.490 ug/ml
19) T n-Tetratriacontane (C34)	18.170	193493	1.523 ug/ml
20) T n-Hexatriacontane (C36)	18.890	174560	1.555 ug/ml
21) T n-Octatriacontane (C38)	19.570	161152	1.472 ug/ml
22) T n-Tetracontane (C40)	20.219	155617	1.378 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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