

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012868.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 12:46
 Operator : YP\AJ
 Sample : 02213-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 00:49:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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...	12.317	4500331	38.078 ug/ml
Spiked Amount 50.000		Recovery =	76.16%
Target Compounds			
1) T n-Nonane (C9)	2.751	239088	1.827 ug/mlm
2) T n-Decane (C10)	3.759	287488	2.152 ug/mlm
4) T n-Dodecane (C12)	5.743	353494	2.612 ug/mlm
6) T n-Tetradecane (C14)	7.530	334283	2.498 ug/mlm
7) T n-Hexadecane (C16)	9.127	325412	2.351 ug/ml
8) T n-Octadecane (C18)	10.564	392201	2.755 ug/ml
10) T n-Eicosane (C20)	11.870	411413	2.992 ug/ml
11) T n-Heneicosane (C21)	12.481	395055	2.921 ug/ml
13) T n-Docosane (C22)	13.066	405635	3.030 ug/ml
14) T n-Tetracosane (C24)	14.168	390335	2.969 ug/ml
15) T n-Hexacosane (C26)	15.187	382502	3.008 ug/ml
16) T n-Octacosane (C28)	16.134	384624	3.128 ug/ml
17) T n-Tricontane (C30)	17.020	416336	3.372 ug/ml
18) T n-Dotriacontane (C32)	17.850	433982	3.587 ug/ml
19) T n-Tetratriacontane (C34)	18.634	407292	3.481 ug/ml
20) T n-Hexatriacontane (C36)	19.373	359900	3.194 ug/ml
21) T n-Octatriacontane (C38)	20.097	323955	2.908 ug/ml
22) T n-Tetracontane (C40)	20.986	306279	2.776 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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