

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100523AL\
 Data File : FC064741.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 10:48
 Operator : YP/AJ
 Sample : 04699-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 05 23:53:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.952	3437646	23.601 ug/ml
Spiked Amount 50.000		Recovery =	47.20%
Target Compounds			
1) T n-Nonane (C9)	3.329	244357	1.383 ug/mlm
2) T n-Decane (C10)	4.388	269252	1.499 ug/ml
4) T n-Dodecane (C12)	6.394	414469	2.282 ug/ml
6) T n-Tetradecane (C14)	8.181	389737	2.196 ug/mlm
7) T n-Hexadecane (C16)	9.776	390703	2.174 ug/mlm
8) T n-Octadecane (C18)	11.209	394620	2.180 ug/ml
10) T n-Eicosane (C20)	12.511	414794	2.435 ug/ml
11) T n-Heneicosane (C21)	13.120	411874	2.487 ug/ml
13) T n-Docosane (C22)	13.704	379249	2.328 ug/ml
14) T n-Tetracosane (C24)	14.800	384248	2.420 ug/ml
15) T n-Hexacosane (C26)	15.816	365623	2.395 ug/ml
16) T n-Octacosane (C28)	16.760	357931	2.418 ug/ml
17) T n-Tricontane (C30)	17.643	365365	2.459 ug/ml
18) T n-Dotriacontane (C32)	18.472	356908	2.446 ug/ml
19) T n-Tetratriacontane (C34)	19.251	336604	2.368 ug/ml
20) T n-Hexatriacontane (C36)	19.987	298538	2.167 ug/ml
21) T n-Octatriacontane (C38)	20.706	275465	2.010 ug/ml
22) T n-Tetracontane (C40)	21.586	244475	1.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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