

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051424AL\
 Data File : FD047754.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 11:25
 Operator : YP/AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 05:28:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 2024
 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...	12.791	6011300	36.889 ug/ml
Spiked Amount 50.000		Recovery =	73.78%
Target Compounds			
1) T n-Nonane (C9)	3.187	223557	1.161 ug/ml
2) T n-Decane (C10)	4.239	279739	1.413 ug/ml
4) T n-Dodecane (C12)	6.238	444565	2.238 ug/ml
6) T n-Tetradecane (C14)	8.022	396622	2.031 ug/ml
7) T n-Hexadecane (C16)	9.613	365199	1.820 ug/ml
8) T n-Octadecane (C18)	11.047	401998	1.979 ug/ml
10) T n-Eicosane (C20)	12.349	402014	2.059 ug/ml
11) T n-Heneicosane (C21)	12.957	375695	1.953 ug/ml
13) T n-Docosane (C22)	13.541	402490	2.115 ug/ml
14) T n-Tetracosane (C24)	14.638	399520	2.125 ug/ml
15) T n-Hexacosane (C26)	15.653	385069	2.126 ug/mlm
16) T n-Octacosane (C28)	16.598	407979	2.341 ug/mlm
17) T n-Tricontane (C30)	17.481	467233	2.677 ug/ml
18) T n-Dotriacontane (C32)	18.310	495289	2.909 ug/ml
19) T n-Tetratriacontane (C34)	19.089	442040	2.741 ug/ml
20) T n-Hexatriacontane (C36)	19.824	374953	2.453 ug/ml
21) T n-Octatriacontane (C38)	20.525	326052	2.217 ug/ml
22) T n-Tetracontane (C40)	21.332	286695	2.021 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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