

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080823AL\
 Data File : FC064345.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 10:00
 Operator : YP/AJ
 Sample : 03572-03
 Misc : MDL 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:02:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.950	5362401	42.521 ug/ml
Spiked Amount 50.000		Recovery =	85.04%
Target Compounds			
1) T n-Nonane (C9)	3.309	322710	1.989 ug/mlm
2) T n-Decane (C10)	4.370	300634	1.839 ug/mlm
4) T n-Dodecane (C12)	6.382	298305	1.827 ug/mlm
6) T n-Tetradecane (C14)	8.173	344905	2.197 ug/mlm
7) T n-Hexadecane (C16)	9.772	306121	1.947 ug/mlm
8) T n-Octadecane (C18)	11.203	399222	2.520 ug/mlm
10) T n-Eicosane (C20)	12.509	291521	1.953 ug/ml
11) T n-Heneicosane (C21)	13.117	297551	2.039 ug/ml
13) T n-Docosane (C22)	13.705	294710	2.065 ug/mlm
14) T n-Tetracosane (C24)	14.804	290304	2.067 ug/mlm
15) T n-Hexacosane (C26)	15.821	280463	2.042 ug/mlm
16) T n-Octacosane (C28)	16.766	286708	2.138 ug/mlm
17) T n-Tricontane (C30)	17.650	278527	2.007 ug/ml
18) T n-Dotriacontane (C32)	18.480	284937	2.025 ug/ml
19) T n-Tetratriacontane (C34)	19.260	257212	1.853 ug/ml
20) T n-Hexatriacontane (C36)	19.999	224015	1.651 ug/mlm
21) T n-Octatriacontane (C38)	20.721	174379	1.286 ug/ml
22) T n-Tetracontane (C40)	21.608	151565	1.128 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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