

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013180.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 16:11
 Operator : YP\AJ
 Sample : 03572-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 23:04:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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...	13.334	5145221	49.099 ug/ml
Spiked Amount 50.000		Recovery =	98.20%
Target Compounds			
1) T n-Nonane (C9)	3.286	262808	2.460 ug/ml
2) T n-Decane (C10)	4.540	256391	2.392 ug/ml
4) T n-Dodecane (C12)	6.702	265203	2.451 ug/ml
6) T n-Tetradecane (C14)	8.527	271643	2.517 ug/ml
7) T n-Hexadecane (C16)	10.134	271699	2.506 ug/ml
8) T n-Octadecane (C18)	11.577	289714	2.646 ug/ml
10) T n-Eicosane (C20)	12.886	287504	2.620 ug/ml
11) T n-Heneicosane (C21)	13.498	278060	2.531 ug/ml
13) T n-Docosane (C22)	14.084	308626	2.811 ug/ml
14) T n-Tetracosane (C24)	15.186	357064	3.250 ug/ml
15) T n-Hexacosane (C26)	16.207	397282	3.635 ug/ml
16) T n-Octacosane (C28)	17.156	445750	4.128 ug/ml
17) T n-Tricontane (C30)	18.040	500392	4.576 ug/mlm
18) T n-Dotriacontane (C32)	18.874	492009	4.356 ug/ml
19) T n-Tetratriacontane (C34)	19.656	381522	3.592 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	318280	3.020 ug/mlm
21) T n-Octatriacontane (C38)	21.125	268913	2.663 ug/ml
22) T n-Tetracontane (C40)	22.019	257532	2.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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