

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051324AL\
 Data File : FF014223.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 13:26
 Operator : YP\AJ
 Sample : P2403-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 01:35:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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...	13.281	4719776	46.536 ug/ml
Spiked Amount 50.000		Recovery =	93.07%
Target Compounds			
1) T n-Nonane (C9)	3.238	291814	2.240 ug/ml
2) T n-Decane (C10)	4.487	362332	2.734 ug/ml
4) T n-Dodecane (C12)	6.650	493187	3.712 ug/ml
6) T n-Tetradecane (C14)	8.477	446715	3.458 ug/ml
7) T n-Hexadecane (C16)	10.083	423373	3.234 ug/ml
8) T n-Octadecane (C18)	11.525	477443	3.591 ug/ml
10) T n-Eicosane (C20)	12.836	490679	3.843 ug/ml
11) T n-Heneicosane (C21)	13.448	472823	3.783 ug/ml
13) T n-Docosane (C22)	14.035	485123	3.940 ug/ml
14) T n-Tetracosane (C24)	15.138	471801	3.907 ug/mlm
15) T n-Hexacosane (C26)	16.160	460563	3.956 ug/mlm
16) T n-Octacosane (C28)	17.110	434513	3.868 ug/ml
17) T n-Tricontane (C30)	18.000	430155	3.830 ug/ml
18) T n-Dotriacontane (C32)	18.833	420722	3.863 ug/ml
19) T n-Tetratriacontane (C34)	19.616	367246	3.525 ug/ml
20) T n-Hexatriacontane (C36)	20.356	306278	3.090 ug/ml
21) T n-Octatriacontane (C38)	21.078	262288	2.718 ug/ml
22) T n-Tetracontane (C40)	21.961	231888	2.472 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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