

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046693.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 16:29
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:47:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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...	12.816	3298355	20.932 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
Target Compounds			
1) T n-Nonane (C9)	3.216	234754	1.420 ug/ml
2) T n-Decane (C10)	4.268	292299	1.734 ug/ml
4) T n-Dodecane (C12)	6.268	418696	2.465 ug/ml
6) T n-Tetradecane (C14)	8.052	376683	2.226 ug/ml
7) T n-Hexadecane (C16)	9.643	365868	2.071 ug/ml
8) T n-Octadecane (C18)	11.075	392721	2.142 ug/ml
10) T n-Eicosane (C20)	12.375	406806	2.250 ug/ml
11) T n-Heneicosane (C21)	12.983	385796	2.146 ug/ml
13) T n-Docosane (C22)	13.565	396769	2.197 ug/ml
14) T n-Tetracosane (C24)	14.660	403439	2.201 ug/mlm
15) T n-Hexacosane (C26)	15.673	384622	2.150 ug/ml
16) T n-Octacosane (C28)	16.615	396675	2.298 ug/ml
17) T n-Tricontane (C30)	17.496	430609	2.504 ug/ml
18) T n-Dotriacontane (C32)	18.321	421735	2.579 ug/ml
19) T n-Tetratriacontane (C34)	19.099	374370	2.402 ug/ml
20) T n-Hexatriacontane (C36)	19.831	324701	2.309 ug/ml
21) T n-Octatriacontane (C38)	20.531	283991	2.121 ug/ml
22) T n-Tetracontane (C40)	21.342	253444	2.005 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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