

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080923AL\  
 Data File : FD046316.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Aug 2023 16:01  
 Operator : YP/AJ  
 Sample : 03572-07  
 Misc : LOD 2.5 PPM  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e  
 Quant Time: Aug 10 00:00:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 14:31:50 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
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System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.829	6732152	55.949 ug/ml
Spiked Amount 50.000		Recovery =	111.90%
Target Compounds			
1) T n-Nonane (C9)	3.222	360505	2.287 ug/ml
2) T n-Decane (C10)	4.277	352397	2.194 ug/ml
4) T n-Dodecane (C12)	6.278	358027	2.215 ug/ml
6) T n-Tetradecane (C14)	8.062	371887	2.338 ug/ml
7) T n-Hexadecane (C16)	9.653	363826	2.236 ug/ml
8) T n-Octadecane (C18)	11.085	400459	2.483 ug/ml
10) T n-Eicosane (C20)	12.386	395807	2.652 ug/ml
11) T n-Heneicosane (C21)	12.993	404282	2.801 ug/ml
13) T n-Docosane (C22)	13.575	404233	2.893 ug/ml
14) T n-Tetracosane (C24)	14.670	410974	2.985 ug/ml
15) T n-Hexacosane (C26)	15.683	411209	3.217 ug/ml
16) T n-Octacosane (C28)	16.626	425134	3.491 ug/ml
17) T n-Tricontane (C30)	17.506	440502	3.559 ug/ml
18) T n-Dotriacontane (C32)	18.331	454013	3.718 ug/ml
19) T n-Tetratriacontane (C34)	19.107	396016	3.095 ug/ml
20) T n-Hexatriacontane (C36)	19.841	355950	3.108 ug/ml
21) T n-Octatriacontane (C38)	20.542	314796	2.796 ug/ml
22) T n-Tetracontane (C40)	21.357	289079	2.695 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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