

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057728.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 00:46
 Operator : AJ\MA
 Sample : M4068-08
 Misc : 5 PPM LOQ WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e
 Quant Time: Jan 06 02:12:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.153	6039537	40.977 ug/ml
Spiked Amount 50.000		Recovery =	81.95%
Target Compounds			
1) T n-Nonane (C9)	2.640	825696	5.163 ug/ml
2) T n-Decane (C10)	3.631	835933	5.201 ug/ml
4) T n-Dodecane (C12)	5.602	857150	5.315 ug/ml
6) T n-Tetradecane (C14)	7.382	872913	5.287 ug/ml
7) T n-Hexadecane (C16)	8.972	900190	5.389 ug/ml
8) T n-Octadecane (C18)	10.407	938551	5.454 ug/ml
10) T n-Eicosane (C20)	11.710	918070	5.363 ug/ml
11) T n-Heneicosane (C21)	12.319	930605	5.382 ug/ml
13) T n-Docosane (C22)	12.903	923818	5.340 ug/ml
14) T n-Tetracosane (C24)	14.000	911252	5.264 ug/ml
15) T n-Hexacosane (C26)	15.018	889533	5.286 ug/ml
16) T n-Octacosane (C28)	15.964	893134	5.458 ug/ml
17) T n-Tricontane (C30)	16.848	859381	5.504 ug/ml
18) T n-Dotriacontane (C32)	17.680	808514	5.799 ug/ml
19) T n-Tetratriacontane (C34)	18.461	767757	6.177 ug/ml
20) T n-Hexatriacontane (C36)	19.198	684048	6.153 ug/ml
21) T n-Octatriacontane (C38)	19.904	636909	6.106 ug/ml
22) T n-Tetracontane (C40)	20.730	613821	6.411 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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