

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015364.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 15:30
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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...	13.368	4394804	36.093 ug/ml
Spiked Amount 50.000		Recovery =	72.19%
Target Compounds			
1) T n-Nonane (C9)	3.315	196336	1.512 ug/ml
2) T n-Decane (C10)	4.569	233446	1.757 ug/ml
4) T n-Dodecane (C12)	6.731	301083	2.215 ug/ml
6) T n-Tetradecane (C14)	8.558	277023	2.014 ug/ml
7) T n-Hexadecane (C16)	10.165	241803	1.669 ug/ml
8) T n-Octadecane (C18)	11.608	267981	1.803 ug/ml
10) T n-Eicosane (C20)	12.919	287134	2.000 ug/ml
11) T n-Heneicosane (C21)	13.532	277004	1.959 ug/ml
13) T n-Docosane (C22)	14.120	281792	2.004 ug/mlm
14) T n-Tetracosane (C24)	15.224	295581	2.124 ug/mlm
15) T n-Hexacosane (C26)	16.248	281875	2.081 ug/ml
16) T n-Octacosane (C28)	17.198	287223	2.183 ug/ml
17) T n-Tricontane (C30)	18.089	310680	2.342 ug/ml
18) T n-Dotriacontane (C32)	18.923	324568	2.573 ug/ml
19) T n-Tetratriacontane (C34)	19.709	280613	2.577 ug/ml
20) T n-Hexatriacontane (C36)	20.452	247117	2.647 ug/mlm
21) T n-Octatriacontane (C38)	21.194	224916	2.563 ug/ml
22) T n-Tetracontane (C40)	22.123	199503	2.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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