

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AL\
 Data File : FG015211.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 09:48
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 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 03:43:11 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...	13.385	4178138	34.314 ug/ml
Spiked Amount 50.000		Recovery =	68.63%
Target Compounds			
1) T n-Nonane (C9)	3.280	177160	1.365 ug/ml
2) T n-Decane (C10)	4.540	211729	1.593 ug/ml
4) T n-Dodecane (C12)	6.718	279614	2.057 ug/ml
6) T n-Tetradecane (C14)	8.555	267736	1.947 ug/ml
7) T n-Hexadecane (C16)	10.170	255869	1.766 ug/ml
8) T n-Octadecane (C18)	11.620	276687	1.862 ug/ml
10) T n-Eicosane (C20)	12.936	277165	1.931 ug/ml
11) T n-Heneicosane (C21)	13.550	263090	1.861 ug/ml
13) T n-Docosane (C22)	14.138	272654	1.939 ug/ml
14) T n-Tetracosane (C24)	15.247	282832	2.032 ug/mlm
15) T n-Hexacosane (C26)	16.271	284145	2.098 ug/ml
16) T n-Octacosane (C28)	17.224	290518	2.208 ug/ml
17) T n-Tricontane (C30)	18.115	305191	2.301 ug/ml
18) T n-Dotriacontane (C32)	18.949	306238	2.428 ug/ml
19) T n-Tetratriacontane (C34)	19.734	273535	2.512 ug/ml
20) T n-Hexatriacontane (C36)	20.476	246010	2.635 ug/ml
21) T n-Octatriacontane (C38)	21.226	230459	2.626 ug/ml
22) T n-Tetracontane (C40)	22.163	199319	2.351 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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