

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012925AL\
 Data File : FC068152.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 17:16
 Operator : YP/AJ
 Sample : Q1168-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-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 01:30:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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...	12.866	4653512	40.464 ug/ml
Spiked Amount 50.000		Recovery =	80.93%
Target Compounds			
1) T n-Nonane (C9)	3.230	206754	1.510 ug/ml
2) T n-Decane (C10)	4.288	233972	1.685 ug/ml
4) T n-Dodecane (C12)	6.296	288548	2.066 ug/ml
6) T n-Tetradecane (C14)	8.084	272987	2.000 ug/ml
7) T n-Hexadecane (C16)	9.680	256381	1.845 ug/ml
8) T n-Octadecane (C18)	11.117	273496	1.955 ug/ml
10) T n-Eicosane (C20)	12.422	287195	2.146 ug/ml
11) T n-Heneicosane (C21)	13.032	267921	2.040 ug/ml
13) T n-Docosane (C22)	13.616	279563	2.158 ug/mlm
14) T n-Tetracosane (C24)	14.718	288470	2.247 ug/mlm
15) T n-Hexacosane (C26)	15.736	290253	2.307 ug/ml
16) T n-Octacosane (C28)	16.683	311877	2.494 ug/ml
17) T n-Tricontane (C30)	17.569	349649	2.705 ug/ml
18) T n-Dotriacontane (C32)	18.401	366310	2.930 ug/ml
19) T n-Tetratriacontane (C34)	19.181	330049	3.043 ug/ml
20) T n-Hexatriacontane (C36)	19.920	283353	3.062 ug/ml
21) T n-Octatriacontane (C38)	20.634	263324	3.073 ug/ml
22) T n-Tetracontane (C40)	21.490	231561	2.864 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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