

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068138.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 18:43
 Operator : YP/AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:45:41 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...	12.867	4330803	37.658 ug/ml
Spiked Amount 50.000		Recovery =	75.32%
Target Compounds			
1) T n-Nonane (C9)	3.231	378362	2.763 ug/ml
2) T n-Decane (C10)	4.289	424692	3.059 ug/ml
4) T n-Dodecane (C12)	6.297	489420	3.503 ug/ml
6) T n-Tetradecane (C14)	8.085	509027	3.730 ug/ml
7) T n-Hexadecane (C16)	9.681	502763	3.618 ug/ml
8) T n-Octadecane (C18)	11.117	538703	3.850 ug/mlm
10) T n-Eicosane (C20)	12.423	541204	4.045 ug/ml
11) T n-Heneicosane (C21)	13.033	516351	3.931 ug/ml
13) T n-Docosane (C22)	13.618	509121	3.930 ug/ml
14) T n-Tetracosane (C24)	14.719	494253	3.850 ug/ml
15) T n-Hexacosane (C26)	15.738	480165	3.816 ug/ml
16) T n-Octacosane (C28)	16.684	476253	3.808 ug/ml
17) T n-Tricontane (C30)	17.572	486909	3.767 ug/ml
18) T n-Dotriacontane (C32)	18.402	484733	3.878 ug/ml
19) T n-Tetratriacontane (C34)	19.184	471186	4.344 ug/ml
20) T n-Hexatriacontane (C36)	19.923	450619	4.869 ug/ml
21) T n-Octatriacontane (C38)	20.638	444155	5.183 ug/ml
22) T n-Tetracontane (C40)	21.498	420587	5.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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