

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069178.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2025 08:02
 Operator : YP/AJ
 Sample : Q2126-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 08:40:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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...	13.114	2822850	31.465 ug/ml
Spiked Amount 50.000		Recovery =	62.93%
Target Compounds			
1) T n-Nonane (C9)	3.405	312696	2.947 ug/ml
2) T n-Decane (C10)	4.480	384112	3.627 ug/mlm
4) T n-Dodecane (C12)	6.506	414990	3.948 ug/ml
6) T n-Tetradecane (C14)	8.305	446188	4.353 ug/ml
7) T n-Hexadecane (C16)	9.909	445634	4.392 ug/mlm
8) T n-Octadecane (C18)	11.354	465154	4.654 ug/ml
10) T n-Eicosane (C20)	12.666	485535	4.985 ug/ml
11) T n-Heneicosane (C21)	13.279	457730	4.755 ug/ml
13) T n-Docosane (C22)	13.867	469376	4.927 ug/ml
14) T n-Tetracosane (C24)	14.971	464232	4.931 ug/ml
15) T n-Hexacosane (C26)	15.995	458838	4.942 ug/ml
16) T n-Octacosane (C28)	16.946	466422	5.018 ug/ml
17) T n-Tricontane (C30)	17.836	489823	5.062 ug/ml
18) T n-Dotriacontane (C32)	18.670	499989	5.045 ug/ml
19) T n-Tetratriacontane (C34)	19.455	482638	5.008 ug/ml
20) T n-Hexatriacontane (C36)	20.198	447534	4.714 ug/ml
21) T n-Octatriacontane (C38)	20.966	411916	4.515 ug/ml
22) T n-Tetracontane (C40)	21.935	361230	4.094 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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