

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055684.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 12:32
 Operator : YP\AJ
 Sample : Q2893-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
 Quant Time: Sep 06 01:41:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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...	13.509	3647469	29.169 ug/ml
Spiked Amount 50.000		Recovery =	58.34%
Target Compounds			
1) T n-Nonane (C9)	3.412	176498	1.391 ug/ml
2) T n-Decane (C10)	4.670	214262	1.673 ug/ml
4) T n-Dodecane (C12)	6.845	244786	1.880 ug/ml
6) T n-Tetradecane (C14)	8.681	294389	2.235 ug/mlm
7) T n-Hexadecane (C16)	10.295	263828	1.905 ug/mlm
8) T n-Octadecane (C18)	11.744	297047	2.037 ug/ml
10) T n-Eicosane (C20)	13.059	319945	2.223 ug/ml
11) T n-Heneicosane (C21)	13.673	284205	1.990 ug/ml
13) T n-Docosane (C22)	14.262	306404	2.141 ug/ml
14) T n-Tetracosane (C24)	15.368	322505	2.229 ug/mlm
15) T n-Hexacosane (C26)	16.391	308765	2.161 ug/mlm
16) T n-Octacosane (C28)	17.344	334251	2.350 ug/ml
17) T n-Tricontane (C30)	18.234	397411	2.688 ug/ml
18) T n-Dotriacontane (C32)	19.067	422258	2.877 ug/ml
19) T n-Tetratriacontane (C34)	19.852	394683	2.794 ug/ml
20) T n-Hexatriacontane (C36)	20.594	362248	2.745 ug/ml
21) T n-Octatriacontane (C38)	21.369	340611	2.615 ug/ml
22) T n-Tetracontane (C40)	22.354	308519	2.406 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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