

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055686.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 13:33
 Operator : YP\AJ
 Sample : Q2893-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 16 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 01:42:05 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	3773125	30.174 ug/ml
Spiked Amount 50.000		Recovery =	60.35%
Target Compounds			
1) T n-Nonane (C9)	3.412	305936	2.411 ug/ml
2) T n-Decane (C10)	4.670	367721	2.871 ug/ml
4) T n-Dodecane (C12)	6.844	417749	3.208 ug/ml
6) T n-Tetradecane (C14)	8.681	487017	3.698 ug/mlm
7) T n-Hexadecane (C16)	10.295	457112	3.301 ug/mlm
8) T n-Octadecane (C18)	11.744	510263	3.498 ug/ml
10) T n-Eicosane (C20)	13.059	546741	3.798 ug/ml
11) T n-Heneicosane (C21)	13.673	501132	3.508 ug/ml
13) T n-Docosane (C22)	14.261	521044	3.640 ug/ml
14) T n-Tetracosane (C24)	15.367	532656	3.681 ug/mlm
15) T n-Hexacosane (C26)	16.392	515234	3.606 ug/mlm
16) T n-Octacosane (C28)	17.345	548108	3.853 ug/ml
17) T n-Tricontane (C30)	18.235	639728	4.328 ug/ml
18) T n-Dotriacontane (C32)	19.069	692685	4.719 ug/ml
19) T n-Tetratriacontane (C34)	19.852	661230	4.680 ug/ml
20) T n-Hexatriacontane (C36)	20.594	615895	4.667 ug/ml
21) T n-Octatriacontane (C38)	21.371	578875	4.445 ug/ml
22) T n-Tetracontane (C40)	22.352	538220	4.197 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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