

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016099.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 14:32
 Operator : YP\AJ
 Sample : Q2126-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 32 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:01:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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...	13.537	5130668	50.917 ug/ml
Spiked Amount 50.000		Recovery =	101.83%
Target Compounds			
1) T n-Nonane (C9)	3.420	302179	2.793 ug/ml
2) T n-Decane (C10)	4.679	372326	3.394 ug/ml
4) T n-Dodecane (C12)	6.856	428272	3.889 ug/ml
6) T n-Tetradecane (C14)	8.695	465591	4.240 ug/ml
7) T n-Hexadecane (C16)	10.313	448474	3.940 ug/ml
8) T n-Octadecane (C18)	11.766	481459	4.136 ug/ml
10) T n-Eicosane (C20)	13.086	515739	4.532 ug/ml
11) T n-Heneicosane (C21)	13.701	495087	4.373 ug/ml
13) T n-Docosane (C22)	14.291	512814	4.511 ug/ml
14) T n-Tetracosane (C24)	15.399	520698	4.516 ug/mlm
15) T n-Hexacosane (C26)	16.427	520190	4.520 ug/mlm
16) T n-Octacosane (C28)	17.383	538040	4.741 ug/ml
17) T n-Tricontane (C30)	18.275	593322	5.182 ug/ml
18) T n-Dotriacontane (C32)	19.112	603124	5.532 ug/ml
19) T n-Tetratriacontane (C34)	19.899	558240	5.643 ug/ml
20) T n-Hexatriacontane (C36)	20.642	495580	5.839 ug/ml
21) T n-Octatriacontane (C38)	21.430	443728	5.878 ug/ml
22) T n-Tetracontane (C40)	22.432	403322	5.833 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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