

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
 Data File : FG0616128.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 14:53
 Operator : YP\AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 03:41:07 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	4219312	41.873 ug/ml
Spiked Amount 50.000		Recovery =	83.75%
Target Compounds			
1) T n-Nonane (C9)	3.419	151325	1.399 ug/ml
2) T n-Decane (C10)	4.678	186690	1.702 ug/ml
4) T n-Dodecane (C12)	6.856	221935	2.016 ug/ml
6) T n-Tetradecane (C14)	8.694	250055	2.277 ug/ml
7) T n-Hexadecane (C16)	10.312	228400	2.006 ug/ml
8) T n-Octadecane (C18)	11.765	244672	2.102 ug/ml
10) T n-Eicosane (C20)	13.085	264805	2.327 ug/ml
11) T n-Heneicosane (C21)	13.700	247305	2.184 ug/ml
13) T n-Docosane (C22)	14.290	261983	2.305 ug/ml
14) T n-Tetracosane (C24)	15.399	271386	2.354 ug/mlm
15) T n-Hexacosane (C26)	16.427	270927	2.354 ug/ml
16) T n-Octacosane (C28)	17.382	292965	2.581 ug/ml
17) T n-Tricontane (C30)	18.274	338676	2.958 ug/ml
18) T n-Dotriacontane (C32)	19.111	343991	3.155 ug/ml
19) T n-Tetratriacontane (C34)	19.897	308468	3.118 ug/ml
20) T n-Hexatriacontane (C36)	20.641	262405	3.091 ug/ml
21) T n-Octatriacontane (C38)	21.427	227121	3.009 ug/ml
22) T n-Tetracontane (C40)	22.431	203930	2.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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