

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060625AL\
 Data File : FG015957.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 10:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 06 13:02:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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			
9) S ortho-Terphenyl (SURR)	11.873	2707201	18.183 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
12) S 1-chlorooctadecane (S...	13.317	2102122	18.248 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.218	1931253	17.213 ug/ml
2) T n-Decane (C10)	4.480	1965417	17.371 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2064194	17.656 ug/ml
4) T n-Dodecane (C12)	6.661	2057874	17.859 ug/ml
5) T A~2-methylnaphthalene...	7.298	2028010	17.755 ug/ml
6) T n-Tetradecane (C14)	8.497	2103560	18.263 ug/ml
7) T n-Hexadecane (C16)	10.109	2169942	18.348 ug/ml
8) T n-Octadecane (C18)	11.557	2250253	18.512 ug/ml
10) T n-Eicosane (C20)	12.871	2280474	18.608 ug/ml
11) T n-Heneicosane (C21)	13.485	2255753	18.416 ug/ml
13) T n-Docosane (C22)	14.073	2312658	18.982 ug/ml
14) T n-Tetracosane (C24)	15.179	2431118	20.071 ug/ml
15) T n-Hexacosane (C26)	16.204	2420901	20.224 ug/ml
16) T n-Octacosane (C28)	17.155	2422930	20.549 ug/ml
17) T n-Tricontane (C30)	18.045	2432006	20.467 ug/ml
18) T n-Dotriacontane (C32)	18.879	2447513	20.721 ug/ml
19) T n-Tetratriacontane (C34)	19.665	2179989	19.522 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2077775	19.215 ug/mlm
21) T n-Octatriacontane (C38)	21.140	1965658	18.923 ug/ml
22) T n-Tetracontane (C40)	22.048	1998665	19.599 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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