

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060625AL\
 Data File : FG015972.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 19:02
 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 23:53:05 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)	11.872	2700074	18.135 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
12) S 1-chlorooctadecane (S...	13.317	2092029	18.160 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.218	1962091	17.488 ug/ml
2) T n-Decane (C10)	4.479	2004978	17.721 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2095304	17.922 ug/ml
4) T n-Dodecane (C12)	6.660	2100755	18.231 ug/ml
5) T A~2-methylnaphthalene...	7.297	1997594	17.489 ug/ml
6) T n-Tetradecane (C14)	8.496	2127250	18.468 ug/ml
7) T n-Hexadecane (C16)	10.109	2190727	18.524 ug/ml
8) T n-Octadecane (C18)	11.557	2263074	18.617 ug/ml
10) T n-Eicosane (C20)	12.870	2280565	18.609 ug/ml
11) T n-Heneicosane (C21)	13.484	2254823	18.409 ug/ml
13) T n-Docosane (C22)	14.072	2301398	18.889 ug/ml
14) T n-Tetracosane (C24)	15.177	2385161	19.692 ug/mlm
15) T n-Hexacosane (C26)	16.202	2392140	19.983 ug/ml
16) T n-Octacosane (C28)	17.154	2399565	20.351 ug/ml
17) T n-Tricontane (C30)	18.044	2412555	20.303 ug/ml
18) T n-Dotriacontane (C32)	18.877	2403257	20.346 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2172229	19.453 ug/ml
20) T n-Hexatriacontane (C36)	20.403	2054881	19.003 ug/ml
21) T n-Octatriacontane (C38)	21.137	1990470	19.162 ug/mlm
22) T n-Tetracontane (C40)	22.046	1985025	19.465 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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