

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016154.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 15:08
 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 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
 Quant Time: Jun 28 04:31:28 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			
9) S ortho-Terphenyl (SURR)	12.090	2561170	19.850 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
12) S 1-chlorooctadecane (S...	13.533	1991128	19.760 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.416	2105314	19.458 ug/ml
2) T n-Decane (C10)	4.676	2145909	19.563 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2348189	19.653 ug/ml
4) T n-Dodecane (C12)	6.855	2165733	19.669 ug/ml
5) T A~2-methylnaphthalene...	7.494	2295254	19.734 ug/ml
6) T n-Tetradecane (C14)	8.694	2171295	19.772 ug/ml
7) T n-Hexadecane (C16)	10.313	2256442	19.823 ug/ml
8) T n-Octadecane (C18)	11.766	2306013	19.809 ug/ml
10) T n-Eicosane (C20)	13.085	2255532	19.818 ug/ml
11) T n-Heneicosane (C21)	13.701	2239374	19.780 ug/ml
13) T n-Docosane (C22)	14.291	2247672	19.772 ug/ml
14) T n-Tetracosane (C24)	15.402	2274044	19.721 ug/ml
15) T n-Hexacosane (C26)	16.429	2268889	19.716 ug/ml
16) T n-Octacosane (C28)	17.384	2260666	19.919 ug/ml
17) T n-Tricontane (C30)	18.277	2349006	20.517 ug/ml
18) T n-Dotriacontane (C32)	19.114	2251236	20.648 ug/ml
19) T n-Tetratriacontane (C34)	19.902	1997701	20.192 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1678860	19.779 ug/mlm
21) T n-Octatriacontane (C38)	21.430	1493808	19.788 ug/ml
22) T n-Tetracontane (C40)	22.433	1391692	20.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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