

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016658.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 08:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2025
 Supervised By :mohammad ahmed 09/30/2025

Integration File: autoint1.e
 Quant Time: Sep 26 23:59:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.062	2421491	16.977 ug/ml
Spiked Amount 50.000		Recovery =	33.95%
12) S 1-chlorooctadecane (S...	13.509	1858136	16.462 ug/ml
Spiked Amount 50.000		Recovery =	32.92%
Target Compounds			
1) T n-Nonane (C9)	3.381	2014067	17.748 ug/ml
2) T n-Decane (C10)	4.643	2074802	17.940 ug/ml
3) T A~Naphthalene (C11.7)	6.362	2190698	17.768 ug/ml
4) T n-Dodecane (C12)	6.825	2115473	18.023 ug/ml
5) T A~2-methylnaphthalene...	7.466	2050353	17.725 ug/ml
6) T n-Tetradecane (C14)	8.665	2100252	17.902 ug/ml
7) T n-Hexadecane (C16)	10.285	2177937	17.578 ug/ml
8) T n-Octadecane (C18)	11.739	2232218	17.147 ug/ml
10) T n-Eicosane (C20)	13.058	2162454	16.727 ug/ml
11) T n-Heneicosane (C21)	13.676	2122601	16.529 ug/ml
13) T n-Docosane (C22)	14.267	2102965	16.309 ug/ml
14) T n-Tetracosane (C24)	15.378	2062758	15.816 ug/ml
15) T n-Hexacosane (C26)	16.406	1992603	15.436 ug/ml
16) T n-Octacosane (C28)	17.364	1964793	15.483 ug/ml
17) T n-Tricontane (C30)	18.257	2061102	16.108 ug/ml
18) T n-Dotriacontane (C32)	19.095	2014056	16.445 ug/ml
19) T n-Tetratriacontane (C34)	19.884	1778585	16.372 ug/mlm
20) T n-Hexatriacontane (C36)	20.625	1491820	16.417 ug/mlm
21) T n-Octatriacontane (C38)	21.410	1442072	17.707 ug/mlm
22) T n-Tetracontane (C40)	22.407	1308870	16.967 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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