

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082925AL\
 Data File : FG016448.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 20:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
 Quant Time: Aug 29 05:36:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.074	2124923	16.051 ug/mlm
Spiked Amount 50.000		Recovery =	32.10%
12) S 1-chlorooctadecane (S...	13.520	1614280	16.037 ug/ml
Spiked Amount 50.000		Recovery =	32.07%
Target Compounds			
1) T n-Nonane (C9)	3.392	1776463	15.703 ug/ml
2) T n-Decane (C10)	4.654	1809864	15.723 ug/ml
3) T A~Naphthalene (C11.7)	6.374	1979678	15.942 ug/ml
4) T n-Dodecane (C12)	6.836	1828350	15.761 ug/ml
5) T A~2-methylnaphthalene...	7.477	1908085	15.996 ug/ml
6) T n-Tetradecane (C14)	8.677	1823093	15.800 ug/ml
7) T n-Hexadecane (C16)	10.296	1889014	15.826 ug/ml
8) T n-Octadecane (C18)	11.750	1922042	15.908 ug/ml
10) T n-Eicosane (C20)	13.069	1867003	16.004 ug/ml
11) T n-Heneicosane (C21)	13.687	1843613	16.040 ug/ml
13) T n-Docosane (C22)	14.277	1836992	16.078 ug/ml
14) T n-Tetracosane (C24)	15.389	1839450	16.171 ug/ml
15) T n-Hexacosane (C26)	16.417	1802273	16.231 ug/ml
16) T n-Octacosane (C28)	17.374	1746688	16.157 ug/ml
17) T n-Tricontane (C30)	18.266	1750441	16.027 ug/ml
18) T n-Dotriacontane (C32)	19.105	1675084	15.932 ug/ml
19) T n-Tetratriacontane (C34)	19.893	1525054	15.881 ug/ml
20) T n-Hexatriacontane (C36)	20.638	1320787	15.794 ug/ml
21) T n-Octatriacontane (C38)	21.424	1221958	15.870 ug/ml
22) T n-Tetracontane (C40)	22.424	1155512	15.553 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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