

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072325AL\
 Data File : FC069518.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2025 23:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File: autoint1.e
 Quant Time: Jul 24 01:31:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.671	2666849	17.970 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
12) S 1-chlorooctadecane (S...	13.107	2029791	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.404	2622560	19.272 ug/ml
2) T n-Decane (C10)	4.476	2703527	19.424 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2857617	18.911 ug/ml
4) T n-Dodecane (C12)	6.501	2738528	19.321 ug/ml
5) T A~2-methylnaphthalene...	7.131	2729855	18.686 ug/ml
6) T n-Tetradecane (C14)	8.300	2675482	18.817 ug/ml
7) T n-Hexadecane (C16)	9.904	2681125	18.369 ug/ml
8) T n-Octadecane (C18)	11.349	2597347	18.056 ug/ml
10) T n-Eicosane (C20)	12.660	2404413	17.910 ug/ml
11) T n-Heneicosane (C21)	13.273	2324434	17.895 ug/ml
13) T n-Docosane (C22)	13.861	2274876	17.911 ug/ml
14) T n-Tetracosane (C24)	14.965	2192434	17.963 ug/ml
15) T n-Hexacosane (C26)	15.988	2098718	18.064 ug/ml
16) T n-Octacosane (C28)	16.939	2040920	18.434 ug/ml
17) T n-Tricontane (C30)	17.828	2091483	19.100 ug/ml
18) T n-Dotriacontane (C32)	18.660	2081413	20.058 ug/mlm
19) T n-Tetratriacontane (C34)	19.446	1937104	20.558 ug/ml
20) T n-Hexatriacontane (C36)	20.188	1745813	21.136 ug/ml
21) T n-Octatriacontane (C38)	20.953	1655689	21.798 ug/mlm
22) T n-Tetracontane (C40)	21.918	1415869	19.330 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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