

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069110.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 11:58
 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 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:40:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.675	2487917	20.171 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	13.112	1793537	19.992 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.403	2218726	20.907 ug/ml
2) T n-Decane (C10)	4.478	2220027	20.962 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2413029	20.868 ug/ml
4) T n-Dodecane (C12)	6.503	2184475	20.780 ug/ml
5) T A~2-methylnaphthalene...	7.132	2360558	20.822 ug/ml
6) T n-Tetradecane (C14)	8.303	2091121	20.401 ug/ml
7) T n-Hexadecane (C16)	9.908	2022987	19.937 ug/ml
8) T n-Octadecane (C18)	11.353	1975123	19.762 ug/mlm
10) T n-Eicosane (C20)	12.666	1917765	19.690 ug/ml
11) T n-Heneicosane (C21)	13.279	1899006	19.729 ug/ml
13) T n-Docosane (C22)	13.867	1891531	19.855 ug/ml
14) T n-Tetracosane (C24)	14.972	1874375	19.908 ug/ml
15) T n-Hexacosane (C26)	15.996	1874217	20.187 ug/ml
16) T n-Octacosane (C28)	16.949	1906903	20.515 ug/ml
17) T n-Tricontane (C30)	17.838	2035050	21.032 ug/ml
18) T n-Dotriacontane (C32)	18.672	2093368	21.124 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1994780	20.697 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1944706	20.486 ug/ml
21) T n-Octatriacontane (C38)	20.969	1857015	20.354 ug/ml
22) T n-Tetracontane (C40)	21.937	1815108	20.571 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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