

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069340.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 23:40
 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 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 05:06:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 Qlast Update : Wed Jun 18 14:24:27 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)	11.676	3328551	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.111	2529589	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.406	2991297	21.033 ug/ml
2) T n-Decane (C10)	4.479	3079667	21.037 ug/ml
3) T A~Naphthalene (C11.7)	6.074	3377869	20.994 ug/ml
4) T n-Dodecane (C12)	6.504	3116957	20.584 ug/ml
5) T A~2-methylnaphthalene...	7.134	3267917	20.650 ug/ml
6) T n-Tetradecane (C14)	8.304	3100898	20.005 ug/ml
7) T n-Hexadecane (C16)	9.909	3172818	19.416 ug/ml
8) T n-Octadecane (C18)	11.353	3141133	19.239 ug/ml
10) T n-Eicosane (C20)	12.665	2956239	19.367 ug/ml
11) T n-Heneicosane (C21)	13.278	2874850	19.505 ug/ml
13) T n-Docosane (C22)	13.865	2831081	19.676 ug/ml
14) T n-Tetracosane (C24)	14.971	2732822	19.813 ug/ml
15) T n-Hexacosane (C26)	15.995	2607679	19.948 ug/ml
16) T n-Octacosane (C28)	16.944	2490965	20.198 ug/ml
17) T n-Tricontane (C30)	17.834	2469385	20.771 ug/ml
18) T n-Dotriacontane (C32)	18.668	2339744	21.399 ug/ml
19) T n-Tetratriacontane (C34)	19.453	2100828	21.755 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1806356	21.918 ug/ml
21) T n-Octatriacontane (C38)	20.962	1650385	22.085 ug/ml
22) T n-Tetracontane (C40)	21.930	1561385	22.048 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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