

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070725AL\
 Data File : FC069385.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 19:23
 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 07/08/2025
 Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e
 Quant Time: Jul 08 01:28:52 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)	11.673	2978825	17.243 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
12) S 1-chlorooctadecane (S...	13.109	2252995	17.246 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
Target Compounds			
1) T n-Nonane (C9)	3.403	2700393	18.988 ug/ml
2) T n-Decane (C10)	4.477	2802312	19.142 ug/ml
3) T A~Naphthalene (C11.7)	6.073	3074912	19.111 ug/ml
4) T n-Dodecane (C12)	6.503	2853628	18.845 ug/ml
5) T A~2-methylnaphthalene...	7.132	2964887	18.736 ug/ml
6) T n-Tetradecane (C14)	8.302	2849564	18.384 ug/ml
7) T n-Hexadecane (C16)	9.906	2905878	17.782 ug/ml
8) T n-Octadecane (C18)	11.352	2850258	17.457 ug/ml
10) T n-Eicosane (C20)	12.663	2658880	17.419 ug/ml
11) T n-Heneicosane (C21)	13.276	2572472	17.453 ug/ml
13) T n-Docosane (C22)	13.863	2525371	17.552 ug/ml
14) T n-Tetracosane (C24)	14.968	2451677	17.775 ug/ml
15) T n-Hexacosane (C26)	15.990	2334245	17.856 ug/ml
16) T n-Octacosane (C28)	16.941	2256659	18.298 ug/ml
17) T n-Tricontane (C30)	17.830	2280037	19.179 ug/ml
18) T n-Dotriacontane (C32)	18.663	2183608	19.971 ug/ml
19) T n-Tetratriacontane (C34)	19.448	1964752	20.346 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1696212	20.582 ug/ml
21) T n-Octatriacontane (C38)	20.958	1545007	20.674 ug/ml
22) T n-Tetracontane (C40)	21.919	1474146	20.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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