

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082225AL\
 Data File : FC069707.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2025 13:18
 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 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File: autoint1.e
 Quant Time: Aug 25 01:08:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.662	2754065	18.461 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.098	1954672	17.929 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T n-Nonane (C9)	3.398	2586283	18.153 ug/ml
2) T n-Decane (C10)	4.470	2655839	18.268 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2850501	18.371 ug/ml
4) T n-Dodecane (C12)	6.494	2662543	18.214 ug/ml
5) T A~2-methylnaphthalene...	7.122	2699955	18.333 ug/ml
6) T n-Tetradecane (C14)	8.292	2623334	18.382 ug/ml
7) T n-Hexadecane (C16)	9.896	2648521	18.372 ug/ml
8) T n-Octadecane (C18)	11.340	2601946	18.400 ug/ml
10) T n-Eicosane (C20)	12.652	2418459	18.359 ug/ml
11) T n-Heneicosane (C21)	13.264	2339949	18.346 ug/ml
13) T n-Docosane (C22)	13.852	2289824	18.330 ug/ml
14) T n-Tetracosane (C24)	14.956	2206515	18.285 ug/ml
15) T n-Hexacosane (C26)	15.979	2103308	18.203 ug/ml
16) T n-Octacosane (C28)	16.931	2028442	18.097 ug/ml
17) T n-Tricontane (C30)	17.819	2068782	18.069 ug/ml
18) T n-Dotriacontane (C32)	18.653	2022787	18.210 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1835350	18.025 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1550687	17.391 ug/ml
21) T n-Octatriacontane (C38)	20.942	1319819	16.407 ug/ml
22) T n-Tetracontane (C40)	21.901	1108363	14.802 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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