

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055801.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 14:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File: autoint1.e
 Quant Time: Sep 13 02:30:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.069	2919927	17.774 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	13.506	2195876	17.561 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T n-Nonane (C9)	3.411	2247107	17.707 ug/ml
2) T n-Decane (C10)	4.668	2373230	18.527 ug/ml
3) T A~Naphthalene (C11.7)	6.386	2619328	18.028 ug/ml
4) T n-Dodecane (C12)	6.843	2434518	18.697 ug/ml
5) T A~2-methylnaphthalene...	7.487	2538986	18.052 ug/ml
6) T n-Tetradecane (C14)	8.679	2460432	18.683 ug/ml
7) T n-Hexadecane (C16)	10.294	2568758	18.547 ug/ml
8) T n-Octadecane (C18)	11.743	2670808	18.311 ug/ml
10) T n-Eicosane (C20)	13.058	2577958	17.909 ug/ml
11) T n-Heneicosane (C21)	13.672	2525401	17.679 ug/ml
13) T n-Docosane (C22)	14.260	2521639	17.616 ug/ml
14) T n-Tetracosane (C24)	15.365	2546385	17.598 ug/ml
15) T n-Hexacosane (C26)	16.390	2480791	17.365 ug/ml
16) T n-Octacosane (C28)	17.342	2536814	17.835 ug/ml
17) T n-Tricontane (C30)	18.232	2779028	18.800 ug/ml
18) T n-Dotriacontane (C32)	19.066	2906343	19.801 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2736015	19.365 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2453207	18.591 ug/ml
21) T n-Octatriacontane (C38)	21.366	2232063	17.138 ug/ml
22) T n-Tetracontane (C40)	22.351	2160823	16.850 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

