

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056779.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 16:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Yogesh Patel 11/13/2025

Integration File: sample.E
 Quant Time: Nov 13 11:17:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.955	4279523	20.485 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.392	3257895	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.317	3649596	21.729 ug/ml
2) T n-Decane (C10)	4.568	3836093	22.356 ug/ml
3) T A~Naphthalene (C11.7)	6.283	3986355	21.596 ug/ml
4) T n-Dodecane (C12)	6.740	3945303	22.683 ug/ml
5) T A~2-methylnaphthalene...	7.381	3798141	21.431 ug/ml
6) T n-Tetradecane (C14)	8.572	3901324	22.351 ug/ml
7) T n-Hexadecane (C16)	10.185	4005819	21.895 ug/ml
8) T n-Octadecane (C18)	11.632	4036035	21.324 ug/ml
10) T n-Eicosane (C20)	12.944	3835608	20.581 ug/ml
11) T n-Heneicosane (C21)	13.558	3730436	20.287 ug/ml
13) T n-Docosane (C22)	14.146	3726601	19.907 ug/ml
14) T n-Tetracosane (C24)	15.252	3765174	19.223 ug/ml
15) T n-Hexacosane (C26)	16.276	3690702	18.991 ug/ml
16) T n-Octacosane (C28)	17.228	3702838	19.120 ug/ml
17) T n-Tricontane (C30)	18.118	3933980	19.621 ug/ml
18) T n-Dotriacontane (C32)	18.952	4074906	20.722 ug/ml
19) T n-Tetratriacontane (C34)	19.737	3774048	21.865 ug/ml
20) T n-Hexatriacontane (C36)	20.479	3224407	22.290 ug/ml
21) T n-Octatriacontane (C38)	21.229	2951624	23.451 ug/ml
22) T n-Tetracontane (C40)	22.163	2850650	24.657 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

