

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112425AL\
 Data File : FE056997.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2025 14:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File: sample.E
 Quant Time: Nov 25 01:17:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.945	4161203	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.384	3145586	19.524 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.304	3582326	21.328 ug/ml
2) T n-Decane (C10)	4.556	3798750	22.138 ug/ml
3) T A~Naphthalene (C11.7)	6.273	3849693	20.856 ug/ml
4) T n-Dodecane (C12)	6.729	3876585	22.288 ug/ml
5) T A~2-methylnaphthalene...	7.372	3650559	20.599 ug/ml
6) T n-Tetradecane (C14)	8.562	3843549	22.020 ug/ml
7) T n-Hexadecane (C16)	10.175	3914927	21.398 ug/ml
8) T n-Octadecane (C18)	11.623	3922684	20.725 ug/ml
10) T n-Eicosane (C20)	12.935	3720238	19.962 ug/ml
11) T n-Heneicosane (C21)	13.549	3638820	19.789 ug/ml
13) T n-Docosane (C22)	14.137	3625036	19.364 ug/ml
14) T n-Tetracosane (C24)	15.243	3601265	18.387 ug/ml
15) T n-Hexacosane (C26)	16.267	3551609	18.275 ug/ml
16) T n-Octacosane (C28)	17.219	3614191	18.662 ug/ml
17) T n-Tricontane (C30)	18.108	3854875	19.227 ug/ml
18) T n-Dotriacontane (C32)	18.943	3897784	19.821 ug/ml
19) T n-Tetratriacontane (C34)	19.729	3621015	20.978 ug/ml
20) T n-Hexatriacontane (C36)	20.471	3204299	22.151 ug/ml
21) T n-Octatriacontane (C38)	21.218	2996197	23.806 ug/ml
22) T n-Tetracontane (C40)	22.152	2871799	24.840 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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