

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056959.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 14:10
 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 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File: autoint1.e
 Quant Time: Nov 20 22:16:57 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)	11.949	3794338	18.162 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
12) S 1-chlorooctadecane (S...	13.387	2880404	17.878 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
Target Compounds			
1) T n-Nonane (C9)	3.310	3430855	20.426 ug/ml
2) T n-Decane (C10)	4.562	3515115	20.485 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3565628	19.317 ug/ml
4) T n-Dodecane (C12)	6.734	3556352	20.447 ug/ml
5) T A~2-methylnaphthalene...	7.377	3354420	18.928 ug/ml
6) T n-Tetradecane (C14)	8.567	3498948	20.045 ug/ml
7) T n-Hexadecane (C16)	10.179	3566612	19.494 ug/ml
8) T n-Octadecane (C18)	11.626	3576657	18.897 ug/ml
10) T n-Eicosane (C20)	12.939	3378570	18.129 ug/ml
11) T n-Heneicosane (C21)	13.552	3294621	17.917 ug/ml
13) T n-Docosane (C22)	14.141	3291755	17.584 ug/ml
14) T n-Tetracosane (C24)	15.246	3273730	16.714 ug/ml
15) T n-Hexacosane (C26)	16.270	3227335	16.607 ug/ml
16) T n-Octacosane (C28)	17.222	3257989	16.823 ug/ml
17) T n-Tricontane (C30)	18.112	3404989	16.983 ug/ml
18) T n-Dotriacontane (C32)	18.947	3397539	17.277 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3170442	18.368 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2828124	19.551 ug/mlm
21) T n-Octatriacontane (C38)	21.222	2648115	21.040 ug/ml
22) T n-Tetracontane (C40)	22.156	2741189	23.710 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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