

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
 Data File : FE056693.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2025 15:05
 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 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 02:12:03 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)	11.964	4267759	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	13.403	3218102	19.974 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.320	3642879	21.689 ug/ml
2) T n-Decane (C10)	4.573	3788583	22.079 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3912643	21.197 ug/ml
4) T n-Dodecane (C12)	6.745	3902203	22.435 ug/ml
5) T A~2-methylnaphthalene...	7.387	3730464	21.050 ug/ml
6) T n-Tetradecane (C14)	8.580	3856772	22.095 ug/ml
7) T n-Hexadecane (C16)	10.193	3958563	21.637 ug/ml
8) T n-Octadecane (C18)	11.641	3997978	21.123 ug/ml
10) T n-Eicosane (C20)	12.955	3798189	20.381 ug/ml
11) T n-Heneicosane (C21)	13.568	3702287	20.134 ug/ml
13) T n-Docosane (C22)	14.157	3689007	19.706 ug/ml
14) T n-Tetracosane (C24)	15.263	3709793	18.941 ug/ml
15) T n-Hexacosane (C26)	16.287	3620330	18.629 ug/ml
16) T n-Octacosane (C28)	17.240	3560045	18.383 ug/ml
17) T n-Tricontane (C30)	18.130	3682225	18.366 ug/ml
18) T n-Dotriacontane (C32)	18.964	3642861	18.525 ug/ml
19) T n-Tetratriacontane (C34)	19.750	3284048	19.026 ug/ml
20) T n-Hexatriacontane (C36)	20.492	2945414	20.361 ug/ml
21) T n-Octatriacontane (C38)	21.243	2739243	21.764 ug/mlm
22) T n-Tetracontane (C40)	22.185	2710671	23.446 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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