

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102025AL\
 Data File : FE056402.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2025 23:23
 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 :Yogesh Patel 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File: autoint1.e
 Quant Time: Oct 21 08:30:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.053	3772513	18.466 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	13.488	2858265	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.399	3040394	18.653 ug/ml
2) T n-Decane (C10)	4.652	3246879	19.744 ug/ml
3) T A~Naphthalene (C11.7)	6.369	3433491	19.423 ug/ml
4) T n-Dodecane (C12)	6.825	3345256	19.938 ug/ml
5) T A~2-methylnaphthalene...	7.470	3310467	19.868 ug/ml
6) T n-Tetradecane (C14)	8.661	3321509	19.993 ug/ml
7) T n-Hexadecane (C16)	10.276	3425844	19.581 ug/ml
8) T n-Octadecane (C18)	11.726	3465956	19.001 ug/ml
10) T n-Eicosane (C20)	13.040	3317156	18.630 ug/ml
11) T n-Heneicosane (C21)	13.655	3239637	18.465 ug/ml
13) T n-Docosane (C22)	14.243	3226129	18.225 ug/ml
14) T n-Tetracosane (C24)	15.350	3252419	17.877 ug/ml
15) T n-Hexacosane (C26)	16.375	3167639	17.646 ug/ml
16) T n-Octacosane (C28)	17.326	3147364	17.692 ug/mlm
17) T n-Tricontane (C30)	18.216	3357936	18.495 ug/ml
18) T n-Dotriacontane (C32)	19.051	3358121	19.048 ug/ml
19) T n-Tetratriacontane (C34)	19.836	3037142	19.620 ug/ml
20) T n-Hexatriacontane (C36)	20.576	2592875	20.754 ug/mlm
21) T n-Octatriacontane (C38)	21.348	2272114	21.747 ug/ml
22) T n-Tetracontane (C40)	22.322	2134520	23.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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