

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056077.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 08:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File: autoint1.e
 Quant Time: Sep 30 08:34:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.074	3848174	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	13.510	2912233	20.866 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.413	2418072	17.651 ug/ml
2) T n-Decane (C10)	4.672	2534514	18.160 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3138662	19.658 ug/ml
4) T n-Dodecane (C12)	6.847	2756726	19.207 ug/ml
5) T A~2-methylnaphthalene...	7.492	3149498	20.252 ug/ml
6) T n-Tetradecane (C14)	8.683	2978660	20.147 ug/ml
7) T n-Hexadecane (C16)	10.298	3314533	20.858 ug/ml
8) T n-Octadecane (C18)	11.747	3540920	20.905 ug/ml
10) T n-Eicosane (C20)	13.061	3437776	20.739 ug/ml
11) T n-Heneicosane (C21)	13.676	3319390	20.428 ug/ml
13) T n-Docosane (C22)	14.264	3223246	20.172 ug/ml
14) T n-Tetracosane (C24)	15.370	3007040	19.734 ug/ml
15) T n-Hexacosane (C26)	16.393	2768449	19.410 ug/ml
16) T n-Octacosane (C28)	17.346	2679828	19.237 ug/ml
17) T n-Tricontane (C30)	18.236	2803316	18.918 ug/ml
18) T n-Dotriacontane (C32)	19.070	2884097	19.331 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2787056	19.703 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2561839	19.957 ug/mlm
21) T n-Octatriacontane (C38)	21.371	2423852	18.454 ug/mlm
22) T n-Tetracontane (C40)	22.355	2343973	19.703 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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