

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056104.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 23:51
 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 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 04:07:36 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)	12.072	3479954	18.545 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.509	2655656	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T n-Nonane (C9)	3.414	2159944	15.767 ug/ml
2) T n-Decane (C10)	4.672	2230207	15.980 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2744135	17.187 ug/ml
4) T n-Dodecane (C12)	6.847	2391156	16.660 ug/ml
5) T A~2-methylnaphthalene...	7.492	2754345	17.711 ug/ml
6) T n-Tetradecane (C14)	8.683	2595973	17.559 ug/ml
7) T n-Hexadecane (C16)	10.297	2915877	18.349 ug/ml
8) T n-Octadecane (C18)	11.747	3150102	18.597 ug/ml
10) T n-Eicosane (C20)	13.061	3104617	18.729 ug/ml
11) T n-Heneicosane (C21)	13.675	3014069	18.549 ug/ml
13) T n-Docosane (C22)	14.263	2951249	18.469 ug/ml
14) T n-Tetracosane (C24)	15.369	2797951	18.362 ug/ml
15) T n-Hexacosane (C26)	16.393	2596452	18.204 ug/ml
16) T n-Octacosane (C28)	17.345	2544539	18.266 ug/ml
17) T n-Tricontane (C30)	18.236	2701567	18.232 ug/ml
18) T n-Dotriacontane (C32)	19.069	2775166	18.600 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2705764	19.129 ug/ml
20) T n-Hexatriacontane (C36)	20.595	2616170	20.380 ug/ml
21) T n-Octatriacontane (C38)	21.370	2337003	17.793 ug/mlm
22) T n-Tetracontane (C40)	22.353	2187466	18.387 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

