

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
 Data File : FE056142.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2025 08:40
 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 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 00:53:49 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)	12.071	3812067	20.315 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
12) S 1-chlorooctadecane (S...	13.506	2857871	20.477 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.411	2329667	17.006 ug/ml
2) T n-Decane (C10)	4.670	2462677	17.646 ug/ml
3) T A~Naphthalene (C11.7)	6.390	3065033	19.197 ug/ml
4) T n-Dodecane (C12)	6.845	2693014	18.763 ug/ml
5) T A~2-methylnaphthalene...	7.490	3080240	19.806 ug/ml
6) T n-Tetradecane (C14)	8.680	2926200	19.792 ug/ml
7) T n-Hexadecane (C16)	10.295	3273114	20.598 ug/ml
8) T n-Octadecane (C18)	11.744	3501933	20.675 ug/ml
10) T n-Eicosane (C20)	13.058	3406346	20.549 ug/ml
11) T n-Heneicosane (C21)	13.672	3298284	20.298 ug/ml
13) T n-Docosane (C22)	14.261	3212805	20.106 ug/ml
14) T n-Tetracosane (C24)	15.366	3047902	20.002 ug/ml
15) T n-Hexacosane (C26)	16.390	2849483	19.978 ug/ml
16) T n-Octacosane (C28)	17.342	2781446	19.966 ug/ml
17) T n-Tricontane (C30)	18.230	2920805	19.711 ug/ml
18) T n-Dotriacontane (C32)	19.065	3041002	20.382 ug/ml
19) T n-Tetratriacontane (C34)	19.850	2917522	20.626 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2698694	21.023 ug/ml
21) T n-Octatriacontane (C38)	21.366	2508529	19.099 ug/mlm
22) T n-Tetracontane (C40)	22.348	2209155	18.569 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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