

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091625AL\
 Data File : FE055863.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2025 22:59
 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 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File: sample.E
 Quant Time: Sep 17 01:34:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.070	3388939	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	13.507	2571862	20.568 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.410	2419658	19.067 ug/ml
2) T n-Decane (C10)	4.668	2576713	20.115 ug/ml
3) T A~Naphthalene (C11.7)	6.386	2972745	20.461 ug/ml
4) T n-Dodecane (C12)	6.842	2674588	20.540 ug/ml
5) T A~2-methylnaphthalene...	7.487	2909195	20.684 ug/ml
6) T n-Tetradecane (C14)	8.679	2766742	21.009 ug/ml
7) T n-Hexadecane (C16)	10.294	2983772	21.544 ug/ml
8) T n-Octadecane (C18)	11.744	3170737	21.738 ug/ml
10) T n-Eicosane (C20)	13.059	3096041	21.508 ug/ml
11) T n-Heneicosane (C21)	13.673	2981575	20.873 ug/ml
13) T n-Docosane (C22)	14.261	2967882	20.733 ug/ml
14) T n-Tetracosane (C24)	15.368	2969940	20.525 ug/ml
15) T n-Hexacosane (C26)	16.392	2805145	19.635 ug/ml
16) T n-Octacosane (C28)	17.344	2835078	19.932 ug/ml
17) T n-Tricontane (C30)	18.234	3092401	20.920 ug/ml
18) T n-Dotriacontane (C32)	19.068	3211602	21.881 ug/ml
19) T n-Tetratriacontane (C34)	19.853	3000108	21.234 ug/ml
20) T n-Hexatriacontane (C36)	20.595	2585800	19.596 ug/ml
21) T n-Octatriacontane (C38)	21.370	2396590	18.401 ug/mlm
22) T n-Tetracontane (C40)	22.354	2354142	18.357 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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