

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054663.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 18:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e
 Quant Time: Jul 02 02:23:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.075	3236262	19.928 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	13.510	2478305	19.623 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.420	2756809	20.495 ug/ml
2) T n-Decane (C10)	4.676	2849835	20.886 ug/ml
3) T A~Naphthalene (C11.7)	6.391	3166218	20.911 ug/ml
4) T n-Dodecane (C12)	6.850	2903037	21.158 ug/ml
5) T A~2-methylnaphthalene...	7.491	3085732	20.991 ug/ml
6) T n-Tetradecane (C14)	8.686	2932153	21.151 ug/ml
7) T n-Hexadecane (C16)	10.301	2986714	20.958 ug/ml
8) T n-Octadecane (C18)	11.749	3003123	20.491 ug/ml
10) T n-Eicosane (C20)	13.064	2891904	20.111 ug/ml
11) T n-Heneicosane (C21)	13.678	2798771	19.595 ug/ml
13) T n-Docosane (C22)	14.266	2883761	20.196 ug/ml
14) T n-Tetracosane (C24)	15.372	3012319	20.722 ug/ml
15) T n-Hexacosane (C26)	16.395	3079315	21.278 ug/ml
16) T n-Octacosane (C28)	17.347	3128861	21.469 ug/ml
17) T n-Tricontane (C30)	18.236	3203560	20.329 ug/ml
18) T n-Dotriacontane (C32)	19.070	3050972	18.858 ug/ml
19) T n-Tetratriacontane (C34)	19.854	2862575	18.784 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2517804	18.726 ug/ml
21) T n-Octatriacontane (C38)	21.371	2644736	22.550 ug/mlm
22) T n-Tetracontane (C40)	22.360	2309110	21.305 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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