

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054834.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 09:51
 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 07/15/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e
 Quant Time: Jul 15 03:28:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.088	3363269	20.711 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	13.523	2522482	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.428	2674442	19.883 ug/ml
2) T n-Decane (C10)	4.685	2853897	20.915 ug/ml
3) T A~Naphthalene (C11.7)	6.404	3237755	21.384 ug/ml
4) T n-Dodecane (C12)	6.860	2966629	21.622 ug/ml
5) T A~2-methylnaphthalene...	7.505	3183500	21.656 ug/ml
6) T n-Tetradecane (C14)	8.697	3028582	21.847 ug/ml
7) T n-Hexadecane (C16)	10.311	3105317	21.790 ug/ml
8) T n-Octadecane (C18)	11.761	3107718	21.205 ug/ml
10) T n-Eicosane (C20)	13.075	2947877	20.501 ug/ml
11) T n-Heneicosane (C21)	13.689	2873366	20.117 ug/ml
13) T n-Docosane (C22)	14.277	2850917	19.966 ug/ml
14) T n-Tetracosane (C24)	15.383	2841700	19.549 ug/ml
15) T n-Hexacosane (C26)	16.406	2798624	19.339 ug/ml
16) T n-Octacosane (C28)	17.359	2801214	19.221 ug/ml
17) T n-Tricontane (C30)	18.249	2937936	18.644 ug/ml
18) T n-Dotriacontane (C32)	19.083	2925007	18.079 ug/ml
19) T n-Tetratriacontane (C34)	19.869	2807520	18.423 ug/ml
20) T n-Hexatriacontane (C36)	20.609	2660486	19.787 ug/ml
21) T n-Octatriacontane (C38)	21.391	2485193	21.190 ug/mlm
22) T n-Tetracontane (C40)	22.384	2496312	23.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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