

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054697.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 09:47
 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 07/07/2025
 Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e
 Quant Time: Jul 07 11:20:14 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)	12.079	3208876	19.760 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.515	2381190	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.422	2729142	20.290 ug/ml
2) T n-Decane (C10)	4.678	2828603	20.730 ug/ml
3) T A~Naphthalene (C11.7)	6.395	3133960	20.698 ug/ml
4) T n-Dodecane (C12)	6.853	2879113	20.984 ug/ml
5) T A~2-methylnaphthalene...	7.495	3044555	20.711 ug/ml
6) T n-Tetradecane (C14)	8.690	2902323	20.936 ug/ml
7) T n-Hexadecane (C16)	10.304	2960108	20.771 ug/ml
8) T n-Octadecane (C18)	11.753	2980407	20.336 ug/ml
10) T n-Eicosane (C20)	13.068	2865270	19.926 ug/ml
11) T n-Heneicosane (C21)	13.682	2765365	19.361 ug/ml
13) T n-Docosane (C22)	14.270	2855860	20.001 ug/ml
14) T n-Tetracosane (C24)	15.376	2975372	20.468 ug/mlm
15) T n-Hexacosane (C26)	16.400	3053493	21.100 ug/ml
16) T n-Octacosane (C28)	17.352	3138609	21.536 ug/ml
17) T n-Tricontane (C30)	18.240	3225622	20.469 ug/ml
18) T n-Dotriacontane (C32)	19.074	3077699	19.023 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2655778	17.427 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2302325	17.123 ug/mlm
21) T n-Octatriacontane (C38)	21.379	2320396	19.784 ug/ml
22) T n-Tetracontane (C40)	22.369	2307687	21.292 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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