

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070134.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 23:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: autoint1.e
 Quant Time: Nov 04 03:34:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.640	3268831	18.615 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
12) S 1-chlorooctadecane (S...	13.075	2515907	18.534 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.378	2557472	18.625 ug/ml
2) T n-Decane (C10)	4.449	2759276	19.193 ug/ml
3) T A~Naphthalene (C11.7)	6.044	3029776	18.747 ug/ml
4) T n-Dodecane (C12)	6.472	2900645	18.924 ug/ml
5) T A~2-methylnaphthalene...	7.103	2986085	18.716 ug/ml
6) T n-Tetradecane (C14)	8.271	2988868	18.793 ug/ml
7) T n-Hexadecane (C16)	9.873	3141825	18.644 ug/ml
8) T n-Octadecane (C18)	11.318	3156514	18.554 ug/ml
10) T n-Eicosane (C20)	12.629	2981907	18.587 ug/ml
11) T n-Heneicosane (C21)	13.242	2866901	18.464 ug/ml
13) T n-Docosane (C22)	13.829	2855037	18.552 ug/ml
14) T n-Tetracosane (C24)	14.934	2844875	18.762 ug/ml
15) T n-Hexacosane (C26)	15.957	2722716	18.811 ug/ml
16) T n-Octacosane (C28)	16.908	2735644	19.780 ug/ml
17) T n-Tricontane (C30)	17.797	3016035	22.090 ug/ml
18) T n-Dotriacontane (C32)	18.629	3112514	24.141 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	2792251	24.472 ug/ml
20) T n-Hexatriacontane (C36)	20.156	2256236	23.330 ug/ml
21) T n-Octatriacontane (C38)	20.913	1938566	22.242 ug/mlm
22) T n-Tetracontane (C40)	21.867	1707972	20.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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