

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070122.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 14:52
 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 03:28:10 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)	11.637	3284460	18.704 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
12) S 1-chlorooctadecane (S...	13.073	2474967	18.233 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.377	2597204	18.914 ug/ml
2) T n-Decane (C10)	4.448	2788201	19.395 ug/ml
3) T A~Naphthalene (C11.7)	6.042	3033351	18.769 ug/ml
4) T n-Dodecane (C12)	6.471	2922820	19.069 ug/ml
5) T A~2-methylnaphthalene...	7.101	2942043	18.440 ug/ml
6) T n-Tetradecane (C14)	8.269	2988284	18.789 ug/ml
7) T n-Hexadecane (C16)	9.872	3124091	18.538 ug/ml
8) T n-Octadecane (C18)	11.316	3149619	18.513 ug/ml
10) T n-Eicosane (C20)	12.626	2967914	18.499 ug/ml
11) T n-Heneicosane (C21)	13.239	2877065	18.529 ug/ml
13) T n-Docosane (C22)	13.826	2864464	18.613 ug/ml
14) T n-Tetracosane (C24)	14.931	2855678	18.833 ug/ml
15) T n-Hexacosane (C26)	15.954	2750651	19.004 ug/ml
16) T n-Octacosane (C28)	16.904	2775015	20.065 ug/ml
17) T n-Tricontane (C30)	17.793	3032634	22.212 ug/ml
18) T n-Dotriacontane (C32)	18.627	3092731	23.987 ug/mlm
19) T n-Tetratriacontane (C34)	19.410	2761425	24.202 ug/ml
20) T n-Hexatriacontane (C36)	20.150	2188885	22.633 ug/mlm
21) T n-Octatriacontane (C38)	20.908	1855731	21.291 ug/mlm
22) T n-Tetracontane (C40)	21.858	1669775	20.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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