

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070116.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 10:06
 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 03:25:07 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)	11.638	3225829	18.370 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	13.073	2407301	17.734 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
Target Compounds			
1) T n-Nonane (C9)	3.378	2568971	18.708 ug/ml
2) T n-Decane (C10)	4.449	2770166	19.269 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2983072	18.458 ug/ml
4) T n-Dodecane (C12)	6.471	2887446	18.838 ug/ml
5) T A~2-methylnaphthalene...	7.101	2896675	18.155 ug/ml
6) T n-Tetradecane (C14)	8.269	2958658	18.603 ug/ml
7) T n-Hexadecane (C16)	9.872	3089263	18.332 ug/ml
8) T n-Octadecane (C18)	11.315	3105796	18.255 ug/ml
10) T n-Eicosane (C20)	12.626	2915109	18.170 ug/ml
11) T n-Heneicosane (C21)	13.239	2815465	18.132 ug/ml
13) T n-Docosane (C22)	13.825	2792186	18.143 ug/ml
14) T n-Tetracosane (C24)	14.929	2769857	18.267 ug/ml
15) T n-Hexacosane (C26)	15.952	2660396	18.381 ug/ml
16) T n-Octacosane (C28)	16.903	2683527	19.403 ug/ml
17) T n-Tricontane (C30)	17.791	2932976	21.482 ug/ml
18) T n-Dotriacontane (C32)	18.625	3001183	23.277 ug/mlm
19) T n-Tetratriacontane (C34)	19.408	2675315	23.447 ug/ml
20) T n-Hexatriacontane (C36)	20.150	2149866	22.230 ug/mlm
21) T n-Octatriacontane (C38)	20.908	1793733	20.580 ug/mlm
22) T n-Tetracontane (C40)	21.856	1611192	19.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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