

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC093025AL\
 Data File : FC069861.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2025 09:35
 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 :Yogesh Patel 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File: autoint1.e
 Quant Time: Sep 30 05:56:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 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)	11.641	3799755	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.077	3007973	19.048 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.382	2705391	21.104 ug/ml
2) T n-Decane (C10)	4.453	2892831	21.770 ug/ml
3) T A~Naphthalene (C11.7)	6.045	3218109	21.678 ug/ml
4) T n-Dodecane (C12)	6.475	3074656	22.041 ug/ml
5) T A~2-methylnaphthalene...	7.103	3197830	21.659 ug/ml
6) T n-Tetradecane (C14)	8.273	3248063	21.899 ug/ml
7) T n-Hexadecane (C16)	9.877	3502079	21.221 ug/ml
8) T n-Octadecane (C18)	11.319	3628831	20.361 ug/ml
10) T n-Eicosane (C20)	12.631	3506501	19.468 ug/ml
11) T n-Heneicosane (C21)	13.243	3437855	19.066 ug/ml
13) T n-Docosane (C22)	13.831	3412327	18.783 ug/ml
14) T n-Tetracosane (C24)	14.934	3348626	18.199 ug/ml
15) T n-Hexacosane (C26)	15.955	3213402	17.699 ug/ml
16) T n-Octacosane (C28)	16.907	3108222	17.607 ug/ml
17) T n-Tricontane (C30)	17.796	3149226	17.992 ug/ml
18) T n-Dotriacontane (C32)	18.629	2979049	18.414 ug/mlm
19) T n-Tetratriacontane (C34)	19.412	2635152	18.856 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2134149	18.903 ug/ml
21) T n-Octatriacontane (C38)	20.909	1843386	19.109 ug/mlm
22) T n-Tetracontane (C40)	21.860	1647511	19.129 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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