

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069882.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 14:50
 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 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 02:09:00 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)	11.644	3704406	19.778 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.079	2917767	18.476 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.385	2687261	20.963 ug/ml
2) T n-Decane (C10)	4.456	2886626	21.724 ug/ml
3) T A~Naphthalene (C11.7)	6.049	3235971	21.799 ug/ml
4) T n-Dodecane (C12)	6.478	3094081	22.180 ug/ml
5) T A~2-methylnaphthalene...	7.107	3234007	21.904 ug/ml
6) T n-Tetradecane (C14)	8.275	3255543	21.950 ug/ml
7) T n-Hexadecane (C16)	9.879	3484107	21.112 ug/ml
8) T n-Octadecane (C18)	11.322	3561155	19.982 ug/ml
10) T n-Eicosane (C20)	12.633	3401002	18.883 ug/ml
11) T n-Heneicosane (C21)	13.246	3318038	18.401 ug/ml
13) T n-Docosane (C22)	13.832	3287588	18.096 ug/ml
14) T n-Tetracosane (C24)	14.936	3247966	17.652 ug/ml
15) T n-Hexacosane (C26)	15.958	3128263	17.230 ug/ml
16) T n-Octacosane (C28)	16.909	3054320	17.302 ug/ml
17) T n-Tricontane (C30)	17.798	3150798	18.001 ug/ml
18) T n-Dotriacontane (C32)	18.630	3023653	18.689 ug/mlm
19) T n-Tetratriacontane (C34)	19.414	2575218	18.427 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2026294	17.948 ug/ml
21) T n-Octatriacontane (C38)	20.913	1726312	17.895 ug/mlm
22) T n-Tetracontane (C40)	21.861	1545313	17.942 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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