

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070925AL\
 Data File : FC069410.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 23:02
 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
 07/10/2025

Supervised By :mohammad
 ahmed
 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 10 03:41:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.672	3126522	18.098 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
12) S 1-chlorooctadecane (S...	13.107	2351990	18.003 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.404	2838266	19.957 ug/ml
2) T n-Decane (C10)	4.476	2956091	20.193 ug/ml
3) T A~Naphthalene (C11.7)	6.071	3242521	20.153 ug/ml
4) T n-Dodecane (C12)	6.501	2997900	19.798 ug/ml
5) T A~2-methylnaphthalene...	7.131	3125739	19.752 ug/ml
6) T n-Tetradecane (C14)	8.301	2980548	19.229 ug/ml
7) T n-Hexadecane (C16)	9.905	3027955	18.529 ug/ml
8) T n-Octadecane (C18)	11.349	2973029	18.209 ug/ml
10) T n-Eicosane (C20)	12.661	2772037	18.161 ug/ml
11) T n-Heneicosane (C21)	13.274	2683094	18.204 ug/ml
13) T n-Docosane (C22)	13.861	2634485	18.310 ug/ml
14) T n-Tetracosane (C24)	14.966	2558461	18.549 ug/ml
15) T n-Hexacosane (C26)	15.988	2434372	18.622 ug/ml
16) T n-Octacosane (C28)	16.939	2369391	19.212 ug/ml
17) T n-Tricontane (C30)	17.828	2438329	20.510 ug/ml
18) T n-Dotriacontane (C32)	18.661	2362383	21.606 ug/ml
19) T n-Tetratriacontane (C34)	19.447	2121972	21.974 ug/ml
20) T n-Hexatriacontane (C36)	20.188	1824510	22.139 ug/ml
21) T n-Octatriacontane (C38)	20.953	1643363	21.991 ug/mlm
22) T n-Tetracontane (C40)	21.922	1535848	21.688 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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