

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070125AL\
 Data File : FC069343.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 12:26
 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 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e
 Quant Time: Jul 02 00:31:51 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)	11.676	3370679	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.112	2552231	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.406	3004154	21.123 ug/ml
2) T n-Decane (C10)	4.479	3095874	21.147 ug/ml
3) T A~Naphthalene (C11.7)	6.074	3405836	21.168 ug/ml
4) T n-Dodecane (C12)	6.504	3136541	20.714 ug/ml
5) T A~2-methylnaphthalene...	7.134	3296175	20.829 ug/ml
6) T n-Tetradecane (C14)	8.304	3138806	20.250 ug/ml
7) T n-Hexadecane (C16)	9.909	3196325	19.559 ug/ml
8) T n-Octadecane (C18)	11.353	3174821	19.445 ug/ml
10) T n-Eicosane (C20)	12.666	2987831	19.574 ug/ml
11) T n-Heneicosane (C21)	13.279	2902335	19.691 ug/ml
13) T n-Docosane (C22)	13.866	2863199	19.900 ug/ml
14) T n-Tetracosane (C24)	14.971	2771781	20.095 ug/ml
15) T n-Hexacosane (C26)	15.994	2636454	20.168 ug/ml
16) T n-Octacosane (C28)	16.945	2512792	20.375 ug/ml
17) T n-Tricontane (C30)	17.835	2492247	20.964 ug/ml
18) T n-Dotriacontane (C32)	18.669	2337893	21.382 ug/ml
19) T n-Tetratriacontane (C34)	19.453	2104314	21.791 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1817854	22.058 ug/ml
21) T n-Octatriacontane (C38)	20.963	1660858	22.225 ug/ml
22) T n-Tetracontane (C40)	21.928	1577967	22.283 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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