

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070225AL\
 Data File : FC069355.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2025 12:53
 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 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
 Quant Time: Jul 03 02:11:11 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)	11.675	3412655	19.754 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
12) S 1-chlorooctadecane (S...	13.110	2590140	19.826 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.404	3034003	21.333 ug/ml
2) T n-Decane (C10)	4.478	3129768	21.379 ug/ml
3) T A~Naphthalene (C11.7)	6.073	3432971	21.337 ug/ml
4) T n-Dodecane (C12)	6.504	3175280	20.969 ug/ml
5) T A~2-methylnaphthalene...	7.133	3325550	21.015 ug/ml
6) T n-Tetradecane (C14)	8.303	3170365	20.453 ug/ml
7) T n-Hexadecane (C16)	9.908	3254549	19.916 ug/ml
8) T n-Octadecane (C18)	11.353	3226622	19.762 ug/ml
10) T n-Eicosane (C20)	12.664	3037026	19.897 ug/ml
11) T n-Heneicosane (C21)	13.277	2953074	20.035 ug/ml
13) T n-Docosane (C22)	13.864	2907426	20.207 ug/ml
14) T n-Tetracosane (C24)	14.970	2833420	20.542 ug/ml
15) T n-Hexacosane (C26)	15.992	2690465	20.581 ug/ml
16) T n-Octacosane (C28)	16.943	2581486	20.932 ug/ml
17) T n-Tricontane (C30)	17.832	2566313	21.587 ug/ml
18) T n-Dotriacontane (C32)	18.666	2425775	22.186 ug/ml
19) T n-Tetratriacontane (C34)	19.451	2173918	22.512 ug/ml
20) T n-Hexatriacontane (C36)	20.191	1877698	22.784 ug/ml
21) T n-Octatriacontane (C38)	20.960	1713731	22.932 ug/ml
22) T n-Tetracontane (C40)	21.926	1609869	22.733 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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