

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069330.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 14:38
 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 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 05:04:30 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)	11.677	3299337	19.098 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.113	2504609	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.404	2944650	20.705 ug/ml
2) T n-Decane (C10)	4.479	3040401	20.768 ug/ml
3) T A~Naphthalene (C11.7)	6.074	3335251	20.729 ug/ml
4) T n-Dodecane (C12)	6.504	3096198	20.447 ug/ml
5) T A~2-methylnaphthalene...	7.134	3227847	20.397 ug/ml
6) T n-Tetradecane (C14)	8.304	3088595	19.926 ug/ml
7) T n-Hexadecane (C16)	9.909	3162946	19.355 ug/ml
8) T n-Octadecane (C18)	11.354	3126173	19.147 ug/ml
10) T n-Eicosane (C20)	12.666	2936273	19.237 ug/ml
11) T n-Heneicosane (C21)	13.279	2849741	19.334 ug/ml
13) T n-Docosane (C22)	13.867	2808237	19.518 ug/ml
14) T n-Tetracosane (C24)	14.971	2714147	19.678 ug/ml
15) T n-Hexacosane (C26)	15.994	2587077	19.790 ug/ml
16) T n-Octacosane (C28)	16.945	2464276	19.981 ug/ml
17) T n-Tricontane (C30)	17.834	2430366	20.443 ug/ml
18) T n-Dotriacontane (C32)	18.668	2282457	20.875 ug/ml
19) T n-Tetratriacontane (C34)	19.452	2050615	21.235 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1781816	21.621 ug/ml
21) T n-Octatriacontane (C38)	20.962	1621831	21.702 ug/ml
22) T n-Tetracontane (C40)	21.926	1556934	21.986 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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