

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069255.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 23:29
 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 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
 Quant Time: Jun 24 01:27:55 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)	11.680	3436683	19.893 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.116	2615353	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.411	2830605	19.903 ug/ml
2) T n-Decane (C10)	4.482	2948703	20.142 ug/ml
3) T A~Naphthalene (C11.7)	6.077	3227376	20.059 ug/ml
4) T n-Dodecane (C12)	6.507	3061245	20.216 ug/ml
5) T A~2-methylnaphthalene...	7.137	3239093	20.468 ug/ml
6) T n-Tetradecane (C14)	8.307	3073517	19.828 ug/ml
7) T n-Hexadecane (C16)	9.912	3091878	18.920 ug/ml
8) T n-Octadecane (C18)	11.357	3009580	18.433 ug/ml
10) T n-Eicosane (C20)	12.669	2864316	18.765 ug/ml
11) T n-Heneicosane (C21)	13.282	2798862	18.989 ug/ml
13) T n-Docosane (C22)	13.870	2733742	19.000 ug/ml
14) T n-Tetracosane (C24)	14.975	2640588	19.144 ug/ml
15) T n-Hexacosane (C26)	15.997	2530040	19.354 ug/ml
16) T n-Octacosane (C28)	16.949	2474266	20.062 ug/ml
17) T n-Tricontane (C30)	17.837	2533050	21.307 ug/ml
18) T n-Dotriacontane (C32)	18.671	2482052	22.701 ug/ml
19) T n-Tetratriacontane (C34)	19.458	2195735	22.738 ug/ml
20) T n-Hexatriacontane (C36)	20.198	1756991	21.319 ug/ml
21) T n-Octatriacontane (C38)	20.966	1286148	17.210 ug/ml
22) T n-Tetracontane (C40)	21.938	1065158	15.041 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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