

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061325AL\
 Data File : FC069218.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 21:20
 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 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 13 23:10:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.679	2572844	20.859 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
12) S 1-chlorooctadecane (S...	13.115	1890739	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T n-Nonane (C9)	3.405	2188162	20.619 ug/ml
2) T n-Decane (C10)	4.480	2218111	20.944 ug/ml
3) T A~Naphthalene (C11.7)	6.076	2411789	20.857 ug/ml
4) T n-Dodecane (C12)	6.507	2173587	20.677 ug/ml
5) T A~2-methylnaphthalene...	7.136	2366815	20.877 ug/ml
6) T n-Tetradecane (C14)	8.307	2115916	20.642 ug/ml
7) T n-Hexadecane (C16)	9.912	2106196	20.757 ug/ml
8) T n-Octadecane (C18)	11.357	2072581	20.737 ug/ml
10) T n-Eicosane (C20)	12.669	2037395	20.918 ug/ml
11) T n-Heneicosane (C21)	13.282	2005427	20.835 ug/ml
13) T n-Docosane (C22)	13.869	2018150	21.184 ug/ml
14) T n-Tetracosane (C24)	14.974	2046554	21.737 ug/ml
15) T n-Hexacosane (C26)	15.997	2056266	22.148 ug/ml
16) T n-Octacosane (C28)	16.949	2102770	22.622 ug/mlm
17) T n-Tricontane (C30)	17.839	2253835	23.294 ug/ml
18) T n-Dotriacontane (C32)	18.675	2316101	23.372 ug/ml
19) T n-Tetratriacontane (C34)	19.458	2127379	22.073 ug/ml
20) T n-Hexatriacontane (C36)	20.201	2027700	21.360 ug/ml
21) T n-Octatriacontane (C38)	20.970	1905522	20.886 ug/ml
22) T n-Tetracontane (C40)	21.938	1807447	20.484 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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