

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
 Data File : FC069052.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jun 2025 11:24
 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 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e
 Quant Time: Jun 03 06:14:01 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)	11.676	2447019	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	13.112	1711722	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.401	2174802	20.493 ug/ml
2) T n-Decane (C10)	4.476	2180429	20.588 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2356271	20.377 ug/ml
4) T n-Dodecane (C12)	6.504	2149225	20.445 ug/ml
5) T A~2-methylnaphthalene...	7.132	2292459	20.221 ug/ml
6) T n-Tetradecane (C14)	8.304	2059716	20.094 ug/ml
7) T n-Hexadecane (C16)	9.908	2000611	19.717 ug/ml
8) T n-Octadecane (C18)	11.354	1957149	19.582 ug/mlm
10) T n-Eicosane (C20)	12.666	1886510	19.369 ug/ml
11) T n-Heneicosane (C21)	13.279	1862910	19.354 ug/ml
13) T n-Docosane (C22)	13.867	1847264	19.390 ug/ml
14) T n-Tetracosane (C24)	14.972	1827681	19.412 ug/ml
15) T n-Hexacosane (C26)	15.994	1805260	19.445 ug/ml
16) T n-Octacosane (C28)	16.946	1785130	19.205 ug/ml
17) T n-Tricontane (C30)	17.837	1822113	18.832 ug/ml
18) T n-Dotriacontane (C32)	18.672	1839505	18.562 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1776337	18.431 ug/ml
20) T n-Hexatriacontane (C36)	20.200	1746256	18.395 ug/ml
21) T n-Octatriacontane (C38)	20.968	1679793	18.412 ug/ml
22) T n-Tetracontane (C40)	21.936	1595962	18.088 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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