

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069097.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 00:33
 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 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 04:13:55 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	2478252	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.113	1786590	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.403	2191764	20.653 ug/ml
2) T n-Decane (C10)	4.477	2197425	20.749 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2389881	20.667 ug/ml
4) T n-Dodecane (C12)	6.504	2162460	20.571 ug/ml
5) T A~2-methylnaphthalene...	7.132	2335650	20.602 ug/ml
6) T n-Tetradecane (C14)	8.303	2075579	20.249 ug/ml
7) T n-Hexadecane (C16)	9.909	2012575	19.835 ug/ml
8) T n-Octadecane (C18)	11.354	1969439	19.705 ug/mlm
10) T n-Eicosane (C20)	12.666	1912342	19.634 ug/ml
11) T n-Heneicosane (C21)	13.280	1893827	19.676 ug/ml
13) T n-Docosane (C22)	13.867	1882055	19.755 ug/ml
14) T n-Tetracosane (C24)	14.972	1871021	19.872 ug/ml
15) T n-Hexacosane (C26)	15.996	1856343	19.995 ug/ml
16) T n-Octacosane (C28)	16.948	1876860	20.192 ug/ml
17) T n-Tricontane (C30)	17.838	1974778	20.410 ug/ml
18) T n-Dotriacontane (C32)	18.672	2022906	20.413 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1926138	19.985 ug/ml
20) T n-Hexatriacontane (C36)	20.199	1883267	19.839 ug/ml
21) T n-Octatriacontane (C38)	20.969	1810095	19.840 ug/ml
22) T n-Tetracontane (C40)	21.937	1767731	20.034 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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