

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069562.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 13:47
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 01 14:13:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:13:39 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)	11.667	806321	5.405 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
12) S 1-chlorooctadecane (S...	13.104	581885	5.337 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
Target Compounds			
1) T n-Nonane (C9)	3.401	775207	5.441 ug/ml
2) T n-Decane (C10)	4.473	785741	5.405 ug/ml
3) T A~Naphthalene (C11.7)	6.068	832580	5.366 ug/ml
4) T n-Dodecane (C12)	6.497	790720	5.409 ug/ml
5) T A~2-methylnaphthalene...	7.128	781407	5.306 ug/ml
6) T n-Tetradecane (C14)	8.297	766590	5.372 ug/ml
7) T n-Hexadecane (C16)	9.901	777062	5.390 ug/ml
8) T n-Octadecane (C18)	11.345	768778	5.436 ug/ml
10) T n-Eicosane (C20)	12.656	718355	5.453 ug/ml
11) T n-Heneicosane (C21)	13.270	693612	5.438 ug/ml
13) T n-Docosane (C22)	13.857	677921	5.427 ug/ml
14) T n-Tetracosane (C24)	14.962	656255	5.438 ug/ml
15) T n-Hexacosane (C26)	15.984	629658	5.449 ug/ml
16) T n-Octacosane (C28)	16.935	626748	5.592 ug/ml
17) T n-Tricontane (C30)	17.824	673441	5.882 ug/ml
18) T n-Dotriacontane (C32)	18.658	669294	6.025 ug/ml
19) T n-Tetratriacontane (C34)	19.443	605748	5.949 ug/ml
20) T n-Hexatriacontane (C36)	20.185	521228	5.846 ug/ml
21) T n-Octatriacontane (C38)	20.949	460015	5.719 ug/ml
22) T n-Tetracontane (C40)	21.915	406976	5.435 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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