

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068811.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 12:34
 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

Integration File: autoint1.e
 Quant Time: May 09 23:06:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.711	1983967	17.382 ug/ml
Spiked Amount 50.000		Recovery =	34.76%
12) S 1-chlorooctadecane (S...	13.143	1446660	18.032 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.442	1615358	16.060 ug/ml
2) T n-Decane (C10)	4.517	1645694	16.516 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1793590	16.267 ug/ml
4) T n-Dodecane (C12)	6.542	1648715	16.966 ug/ml
5) T A~2-methylnaphthalene...	7.172	1777109	16.557 ug/ml
6) T n-Tetradecane (C14)	8.340	1625984	17.593 ug/ml
7) T n-Hexadecane (C16)	9.943	1630996	18.214 ug/ml
8) T n-Octadecane (C18)	11.387	1618806	18.455 ug/ml
10) T n-Eicosane (C20)	12.698	1578615	18.524 ug/ml
11) T n-Heneicosane (C21)	13.310	1560611	18.503 ug/ml
13) T n-Docosane (C22)	13.897	1552979	18.563 ug/ml
14) T n-Tetracosane (C24)	15.001	1558701	18.733 ug/ml
15) T n-Hexacosane (C26)	16.023	1548461	18.689 ug/ml
16) T n-Octacosane (C28)	16.974	1640561	19.851 ug/ml
17) T n-Tricontane (C30)	17.863	1829066	21.617 ug/ml
18) T n-Dotriacontane (C32)	18.696	1927377	22.376 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1818596	21.345 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1753089	20.397 ug/ml
21) T n-Octatriacontane (C38)	20.997	1672867	19.943 ug/ml
22) T n-Tetracontane (C40)	21.975	1608804	19.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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