

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068107.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 11:10
 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: Jan 25 04:22:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 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)	11.425	791222	4.897 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
12) S 1-chlorooctadecane (S...	12.866	575543	4.817 ug/ml
Spiked Amount 50.000		Recovery =	9.63%
Target Compounds			
1) T n-Nonane (C9)	3.233	694002	4.939 ug/ml
2) T n-Decane (C10)	4.291	696954	4.870 ug/ml
3) T A~Naphthalene (C11.7)	5.860	735461	4.730 ug/ml
4) T n-Dodecane (C12)	6.298	701967	4.861 ug/ml
5) T A~2-methylnaphthalene...	6.912	679817	4.540 ug/ml
6) T n-Tetradecane (C14)	8.087	678873	4.800 ug/ml
7) T n-Hexadecane (C16)	9.682	690786	4.790 ug/ml
8) T n-Octadecane (C18)	11.119	701017	4.825 ug/ml
10) T n-Eicosane (C20)	12.425	676915	4.878 ug/ml
11) T n-Heneicosane (C21)	13.035	664598	4.882 ug/ml
13) T n-Docosane (C22)	13.620	653737	4.895 ug/ml
14) T n-Tetracosane (C24)	14.720	647347	4.875 ug/ml
15) T n-Hexacosane (C26)	15.738	640168	4.920 ug/ml
16) T n-Octacosane (C28)	16.685	660648	5.162 ug/ml
17) T n-Tricontane (C30)	17.571	717917	5.456 ug/ml
18) T n-Dotriacontane (C32)	18.400	712580	5.641 ug/ml
19) T n-Tetratriacontane (C34)	19.183	604670	5.501 ug/ml
20) T n-Hexatriacontane (C36)	19.922	497419	5.299 ug/ml
21) T n-Octatriacontane (C38)	20.635	450417	5.130 ug/ml
22) T n-Tetracontane (C40)	21.497	416329	5.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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