

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061925AL\
 Data File : FC069231.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2025 13:00
 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: Jun 20 01:08:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.680	3426919	19.836 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.116	2598026	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.406	2746065	19.309 ug/ml
2) T n-Decane (C10)	4.479	2833463	19.355 ug/ml
3) T A~Naphthalene (C11.7)	6.075	3122588	19.408 ug/ml
4) T n-Dodecane (C12)	6.506	2951187	19.489 ug/ml
5) T A~2-methylnaphthalene...	7.135	3080423	19.466 ug/ml
6) T n-Tetradecane (C14)	8.307	3059964	19.741 ug/ml
7) T n-Hexadecane (C16)	9.912	3241419	19.835 ug/ml
8) T n-Octadecane (C18)	11.358	3250837	19.911 ug/ml
10) T n-Eicosane (C20)	12.670	3047692	19.967 ug/ml
11) T n-Heneicosane (C21)	13.283	2942233	19.962 ug/ml
13) T n-Docosane (C22)	13.871	2863332	19.900 ug/ml
14) T n-Tetracosane (C24)	14.976	2739709	19.863 ug/ml
15) T n-Hexacosane (C26)	15.999	2583966	19.767 ug/ml
16) T n-Octacosane (C28)	16.951	2434524	19.740 ug/ml
17) T n-Tricontane (C30)	17.841	2351527	19.780 ug/ml
18) T n-Dotriacontane (C32)	18.675	2163725	19.789 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1911711	19.797 ug/ml
20) T n-Hexatriacontane (C36)	20.203	1625835	19.728 ug/ml
21) T n-Octatriacontane (C38)	20.973	1470193	19.673 ug/ml
22) T n-Tetracontane (C40)	21.943	1387436	19.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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