

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068924.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 22:36
 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 20 03:07:03 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)	11.709	2035651	17.835 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.141	1482648	18.481 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.443	1759671	17.495 ug/ml
2) T n-Decane (C10)	4.517	1815343	18.219 ug/ml
3) T A~Naphthalene (C11.7)	6.114	1927485	17.481 ug/ml
4) T n-Dodecane (C12)	6.542	1784884	18.367 ug/ml
5) T A~2-methylnaphthalene...	7.172	1881754	17.532 ug/ml
6) T n-Tetradecane (C14)	8.339	1718338	18.592 ug/ml
7) T n-Hexadecane (C16)	9.942	1688073	18.852 ug/ml
8) T n-Octadecane (C18)	11.385	1649080	18.800 ug/ml
10) T n-Eicosane (C20)	12.695	1596683	18.736 ug/ml
11) T n-Heneicosane (C21)	13.307	1572581	18.645 ug/ml
13) T n-Docosane (C22)	13.895	1567865	18.741 ug/ml
14) T n-Tetracosane (C24)	14.997	1578808	18.974 ug/ml
15) T n-Hexacosane (C26)	16.018	1581498	19.088 ug/ml
16) T n-Octacosane (C28)	16.970	1708469	20.672 ug/ml
17) T n-Tricontane (C30)	17.858	1994702	23.575 ug/ml
18) T n-Dotriacontane (C32)	18.692	2112529	24.526 ug/ml
19) T n-Tetratriacontane (C34)	19.477	1962977	23.040 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1834015	21.339 ug/ml
21) T n-Octatriacontane (C38)	20.989	1720510	20.511 ug/ml
22) T n-Tetracontane (C40)	21.966	1643450	20.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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