

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068843.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 10:16
 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 13 11:45:20 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)	11.707	2040636	17.879 ug/ml
Spiked Amount 50.000		Recovery =	35.76%
12) S 1-chlorooctadecane (S...	13.140	1494821	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.441	1736368	17.263 ug/ml
2) T n-Decane (C10)	4.516	1771889	17.783 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1909154	17.315 ug/ml
4) T n-Dodecane (C12)	6.541	1743793	17.944 ug/ml
5) T A~2-methylnaphthalene...	7.170	1869680	17.419 ug/ml
6) T n-Tetradecane (C14)	8.338	1689171	18.276 ug/ml
7) T n-Hexadecane (C16)	9.940	1661049	18.550 ug/ml
8) T n-Octadecane (C18)	11.383	1637096	18.663 ug/ml
10) T n-Eicosane (C20)	12.693	1600507	18.781 ug/ml
11) T n-Heneicosane (C21)	13.306	1584784	18.789 ug/ml
13) T n-Docosane (C22)	13.892	1585271	18.949 ug/ml
14) T n-Tetracosane (C24)	14.996	1594383	19.162 ug/ml
15) T n-Hexacosane (C26)	16.018	1599293	19.303 ug/ml
16) T n-Octacosane (C28)	16.968	1697606	20.541 ug/ml
17) T n-Tricontane (C30)	17.857	1923078	22.728 ug/ml
18) T n-Dotriacontane (C32)	18.691	2013827	23.380 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1893522	22.224 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1804054	20.990 ug/ml
21) T n-Octatriacontane (C38)	20.988	1728081	20.601 ug/ml
22) T n-Tetracontane (C40)	21.962	1693856	20.668 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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