

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068823.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 22:03
 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 23:47:10 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	1989600	17.431 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	13.141	1463323	18.240 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
Target Compounds			
1) T n-Nonane (C9)	3.441	1628124	16.187 ug/ml
2) T n-Decane (C10)	4.517	1651010	16.569 ug/ml
3) T A~Naphthalene (C11.7)	6.113	1807672	16.394 ug/ml
4) T n-Dodecane (C12)	6.541	1639743	16.874 ug/ml
5) T A~2-methylnaphthalene...	7.171	1784786	16.629 ug/ml
6) T n-Tetradecane (C14)	8.338	1607677	17.394 ug/ml
7) T n-Hexadecane (C16)	9.941	1607788	17.955 ug/ml
8) T n-Octadecane (C18)	11.384	1597708	18.214 ug/ml
10) T n-Eicosane (C20)	12.695	1565106	18.366 ug/ml
11) T n-Heneicosane (C21)	13.306	1549438	18.370 ug/ml
13) T n-Docosane (C22)	13.894	1544414	18.461 ug/mlm
14) T n-Tetracosane (C24)	14.997	1546977	18.592 ug/ml
15) T n-Hexacosane (C26)	16.020	1541494	18.605 ug/ml
16) T n-Octacosane (C28)	16.971	1622855	19.636 ug/ml
17) T n-Tricontane (C30)	17.859	1832335	21.656 ug/ml
18) T n-Dotriacontane (C32)	18.693	1921609	22.309 ug/ml
19) T n-Tetratriacontane (C34)	19.477	1817491	21.332 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1750350	20.365 ug/ml
21) T n-Octatriacontane (C38)	20.991	1673442	19.950 ug/ml
22) T n-Tetracontane (C40)	21.967	1626631	19.848 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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