

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050125AL\
 Data File : FC068739.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2025 19:36
 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 02 03:34:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.714	2336644	18.350 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	13.147	1661837	17.890 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.443	2004924	19.036 ug/ml
2) T n-Decane (C10)	4.519	2008063	19.059 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2211675	18.991 ug/ml
4) T n-Dodecane (C12)	6.544	1967965	18.713 ug/ml
5) T A~2-methylnaphthalene...	7.175	2179964	18.875 ug/ml
6) T n-Tetradecane (C14)	8.342	1885318	18.339 ug/ml
7) T n-Hexadecane (C16)	9.946	1840665	18.074 ug/ml
8) T n-Octadecane (C18)	11.390	1811102	17.997 ug/ml
10) T n-Eicosane (C20)	12.701	1756256	17.855 ug/ml
11) T n-Heneicosane (C21)	13.314	1740380	17.858 ug/ml
13) T n-Docosane (C22)	13.901	1734445	17.956 ug/ml
14) T n-Tetracosane (C24)	15.005	1726210	18.135 ug/ml
15) T n-Hexacosane (C26)	16.028	1726782	18.487 ug/ml
16) T n-Octacosane (C28)	16.980	1765068	19.278 ug/ml
17) T n-Tricontane (C30)	17.869	1883155	20.484 ug/ml
18) T n-Dotriacontane (C32)	18.702	1953120	21.292 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1904087	21.313 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1911386	21.337 ug/ml
21) T n-Octatriacontane (C38)	21.005	1884044	21.310 ug/ml
22) T n-Tetracontane (C40)	21.985	1873116	21.212 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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