

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042781.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 10:38
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 21 11:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 10:33:41 2023
 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)	11.923	966930	5.334 ug/ml
Spiked Amount 50.000		Recovery =	10.67%
12) S 1-chlorooctadecane (S...	13.360	712144	5.294 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
Target Compounds			
1) T n-Nonane (C9)	3.304	796269	5.195 ug/ml
2) T n-Decane (C10)	4.556	811024	5.169 ug/ml
3) T A~Naphthalene (C11.7)	6.266	828973	4.870 ug/ml
4) T n-Dodecane (C12)	6.725	819998	5.155 ug/ml
5) T A~2-methylnaphthalene...	7.363	779404	4.761 ug/ml
6) T n-Tetradecane (C14)	8.554	821272	5.202 ug/ml
7) T n-Hexadecane (C16)	10.162	858077	5.265 ug/ml
8) T n-Octadecane (C18)	11.604	876041	5.343 ug/ml
10) T n-Eicosane (C20)	12.914	841368	5.384 ug/ml
11) T n-Heneicosane (C21)	13.527	818595	5.369 ug/ml
13) T n-Docosane (C22)	14.112	802783	5.342 ug/ml
14) T n-Tetracosane (C24)	15.216	779730	5.323 ug/ml
15) T n-Hexacosane (C26)	16.238	752042	5.330 ug/ml
16) T n-Octacosane (C28)	17.187	741196	5.438 ug/ml
17) T n-Tricontane (C30)	18.075	784870	5.706 ug/ml
18) T n-Dotriacontane (C32)	18.908	795695	5.871 ug/ml
19) T n-Tetratriacontane (C34)	19.691	759281	5.705 ug/ml
20) T n-Hexatriacontane (C36)	20.431	721525	5.504 ug/ml
21) T n-Octatriacontane (C38)	21.173	733818	5.487 ug/ml
22) T n-Tetracontane (C40)	22.096	737825	5.385 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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