

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039712.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 02:17
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 10 03:27:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 03:26:12 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)	11.916	826886	5.452 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
12) S 1-chlorooctadecane (S...	13.351	615515	5.343 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.313	679465	5.411 ug/ml
2) T n-Decane (C10)	4.562	662768	5.396 ug/ml
3) T A~Naphthalene (C11.7)	6.266	715399	5.067 ug/ml
4) T n-Dodecane (C12)	6.726	661965	5.299 ug/ml
5) T A~2-methylnaphthalene...	7.360	636027	4.819 ug/ml
6) T n-Tetradecane (C14)	8.551	676301	5.296 ug/ml
7) T n-Hexadecane (C16)	10.157	716252	5.356 ug/ml
8) T n-Octadecane (C18)	11.599	751702	5.419 ug/ml
10) T n-Eicosane (C20)	12.907	746805	5.460 ug/ml
11) T n-Heneicosane (C21)	13.519	751595	5.450 ug/ml
13) T n-Docosane (C22)	14.105	746723	5.473 ug/ml
14) T n-Tetracosane (C24)	15.208	736473	5.458 ug/ml
15) T n-Hexacosane (C26)	16.228	715249	5.459 ug/ml
16) T n-Octacosane (C28)	17.178	696846	5.458 ug/ml
17) T n-Tricontane (C30)	18.067	693352	5.536 ug/ml
18) T n-Dotriacontane (C32)	18.897	695794	5.594 ug/ml
19) T n-Tetratriacontane (C34)	19.683	682835	5.589 ug/ml
20) T n-Hexatriacontane (C36)	20.423	644637	5.419 ug/ml
21) T n-Octatriacontane (C38)	21.157	673900	5.690 ug/ml
22) T n-Tetracontane (C40)	22.062	695541	5.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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