

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
 Data File : FE046903.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 13:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 23 00:33:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.793	3263259	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.234	2481976	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.184	3087885	20.249 ug/ml
2) T n-Decane (C10)	4.435	3148660	20.329 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3154925	20.031 ug/ml
4) T n-Dodecane (C12)	6.603	3158579	20.314 ug/ml
5) T A~2-methylnaphthalene...	7.238	2885527	20.122 ug/ml
6) T n-Tetradecane (C14)	8.429	3121695	20.244 ug/ml
7) T n-Hexadecane (C16)	10.037	3191768	20.116 ug/ml
8) T n-Octadecane (C18)	11.480	3208720	20.128 ug/ml
10) T n-Eicosane (C20)	12.789	3024513	19.981 ug/ml
11) T n-Heneicosane (C21)	13.402	2950681	19.926 ug/ml
13) T n-Docosane (C22)	13.987	2909897	20.000 ug/ml
14) T n-Tetracosane (C24)	15.090	2858743	20.017 ug/ml
15) T n-Hexacosane (C26)	16.111	2788333	19.954 ug/ml
16) T n-Octacosane (C28)	17.061	2712790	19.912 ug/ml
17) T n-Tricontane (C30)	17.950	2769122	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.784	2711528	19.706 ug/ml
19) T n-Tetratriacontane (C34)	19.568	2681863	19.964 ug/ml
20) T n-Hexatriacontane (C36)	20.309	2710372	20.354 ug/ml
21) T n-Octatriacontane (C38)	21.030	2726960	19.791 ug/ml
22) T n-Tetracontane (C40)	21.906	2803119	19.868 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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