

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037715.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 08:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 21 09:23:27 2022
 Quant Title :
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.624	3163072	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	13.046	2442739	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.013	3078176	20.118 ug/mlm
2) T n-Decane (C10)	4.272	3127109	20.283 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3129847	21.724 ug/ml
4) T n-Dodecane (C12)	6.445	3172477	20.062 ug/ml
5) T A~2-methylnaphthalene...	7.082	3054934	21.881 ug/ml
6) T n-Tetradecane (C14)	9.866	3148141	19.868 ug/ml
7) T n-Hexadecane (C16)	9.866	3148141	19.868 ug/ml
8) T n-Octadecane (C18)	11.301	3095589	19.439 ug/ml
10) T n-Eicosane (C20)	12.603	2998030	18.948 ug/ml
11) T n-Heneicosane (C21)	13.212	2945416	18.679 ug/ml
13) T n-Docosane (C22)	13.795	2902508	18.645 ug/ml
14) T n-Tetracosane (C24)	14.893	2847656	18.933 ug/ml
15) T n-Hexacosane (C26)	15.909	2765391	19.098 ug/ml
16) T n-Octacosane (C28)	16.854	2732934	19.727 ug/ml
17) T n-Tricontane (C30)	17.737	2781691	20.449 ug/ml
18) T n-Dotriacontane (C32)	18.567	2808523	21.032 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2720130	21.498 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	2678677	20.827 ug/ml
21) T n-Octatriacontane (C38)	20.779	2572398	20.669 ug/ml
22) T n-Tetracontane (C40)	21.555	2445535	18.970 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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