

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053664.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 12:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 06 18:37:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.863	3512441	19.474 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.307	2588885	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T n-Nonane (C9)	3.209	2811000	20.503 ug/ml
2) T n-Decane (C10)	4.471	2837913	20.515 ug/ml
3) T A~Naphthalene (C11.7)	6.183	3110618	20.608 ug/ml
4) T n-Dodecane (C12)	6.652	2882582	20.553 ug/ml
5) T A~2-methylnaphthalene...	7.285	3060545	20.499 ug/ml
6) T n-Tetradecane (C14)	8.487	2869209	20.452 ug/ml
7) T n-Hexadecane (C16)	10.100	2887094	20.144 ug/ml
8) T n-Octadecane (C18)	11.548	2891281	19.839 ug/ml
10) T n-Eicosane (C20)	12.862	2840173	19.518 ug/ml
11) T n-Heneicosane (C21)	13.475	2809713	19.398 ug/ml
13) T n-Docosane (C22)	14.063	2776387	19.240 ug/ml
14) T n-Tetracosane (C24)	15.168	2725544	18.975 ug/ml
15) T n-Hexacosane (C26)	16.191	2665799	18.822 ug/ml
16) T n-Octacosane (C28)	17.143	2628129	18.890 ug/ml
17) T n-Tricontane (C30)	18.032	2622678	18.842 ug/ml
18) T n-Dotriacontane (C32)	18.867	2665979	19.416 ug/ml
19) T n-Tetratriacontane (C34)	19.652	2556841	19.624 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2492172	19.741 ug/ml
21) T n-Octatriacontane (C38)	21.127	2398166	19.684 ug/ml
22) T n-Tetracontane (C40)	22.029	2286819	19.149 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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