

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053070.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 14:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 01 01:38:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.898	3513034	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	13.344	2504304	20.861 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T n-Nonane (C9)	3.241	3315320	21.411 ug/ml
2) T n-Decane (C10)	4.502	3398215	21.664 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3642123	21.681 ug/ml
4) T n-Dodecane (C12)	6.683	3388112	21.663 ug/ml
5) T A~2-methylnaphthalene...	7.318	3471905	21.759 ug/ml
6) T n-Tetradecane (C14)	8.520	3324439	21.712 ug/ml
7) T n-Hexadecane (C16)	10.134	3381343	21.936 ug/ml
8) T n-Octadecane (C18)	11.583	3341293	22.031 ug/ml
10) T n-Eicosane (C20)	12.897	3135844	21.994 ug/ml
11) T n-Heneicosane (C21)	13.511	3047610	21.962 ug/ml
13) T n-Docosane (C22)	14.100	3019214	22.045 ug/ml
14) T n-Tetracosane (C24)	15.206	2975665	22.032 ug/ml
15) T n-Hexacosane (C26)	16.230	2927186	21.942 ug/ml
16) T n-Octacosane (C28)	17.183	2908168	22.037 ug/ml
17) T n-Tricontane (C30)	18.074	3043481	22.454 ug/ml
18) T n-Dotriacontane (C32)	18.910	3035207	22.556 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2663630	20.585 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2325604	19.577 ug/ml
21) T n-Octatriacontane (C38)	21.181	2149563	18.702 ug/ml
22) T n-Tetracontane (C40)	22.099	2138577	19.041 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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