

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052774.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 11:40
 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: Mar 13 15:00:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.913	3028620	17.965 ug/ml
Spiked Amount 50.000		Recovery =	35.93%
12) S 1-chlorooctadecane (S...	13.357	2265357	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.250	2861138	18.453 ug/ml
2) T n-Decane (C10)	4.512	2950690	18.783 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3172002	18.704 ug/ml
4) T n-Dodecane (C12)	6.694	2924042	18.780 ug/ml
5) T A~2-methylnaphthalene...	7.330	3024844	18.665 ug/ml
6) T n-Tetradecane (C14)	8.532	2837920	18.756 ug/ml
7) T n-Hexadecane (C16)	10.147	2885132	18.871 ug/ml
8) T n-Octadecane (C18)	11.596	2849548	18.730 ug/ml
10) T n-Eicosane (C20)	12.911	2701068	18.606 ug/ml
11) T n-Heneicosane (C21)	13.525	2635309	18.516 ug/ml
13) T n-Docosane (C22)	14.114	2637269	18.532 ug/ml
14) T n-Tetracosane (C24)	15.221	2689527	18.794 ug/ml
15) T n-Hexacosane (C26)	16.245	2677774	18.832 ug/ml
16) T n-Octacosane (C28)	17.197	2749038	19.333 ug/ml
17) T n-Tricontane (C30)	18.087	2943182	19.927 ug/ml
18) T n-Dotriacontane (C32)	18.921	2956081	20.362 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2625812	19.482 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2304182	19.392 ug/ml
21) T n-Octatriacontane (C38)	21.192	2206023	19.886 ug/ml
22) T n-Tetracontane (C40)	22.115	2241343	20.731 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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