

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
 Data File : FE052859.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2025 12:25
 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: autoint1.e
 Quant Time: Mar 20 01:41:14 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)	11.906	3050655	18.095 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.350	2264013	18.645 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.247	2775375	17.900 ug/ml
2) T n-Decane (C10)	4.508	2894947	18.428 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3093896	18.243 ug/ml
4) T n-Dodecane (C12)	6.690	2895110	18.594 ug/ml
5) T A~2-methylnaphthalene...	7.325	2968233	18.316 ug/ml
6) T n-Tetradecane (C14)	8.526	2840850	18.775 ug/ml
7) T n-Hexadecane (C16)	10.141	2875797	18.810 ug/ml
8) T n-Octadecane (C18)	11.590	2838810	18.659 ug/ml
10) T n-Eicosane (C20)	12.904	2687299	18.511 ug/ml
11) T n-Heneicosane (C21)	13.518	2617747	18.392 ug/ml
13) T n-Docosane (C22)	14.107	2631898	18.494 ug/ml
14) T n-Tetracosane (C24)	15.213	2702367	18.883 ug/ml
15) T n-Hexacosane (C26)	16.237	2718931	19.121 ug/ml
16) T n-Octacosane (C28)	17.190	2833845	19.929 ug/ml
17) T n-Tricontane (C30)	18.079	3099750	20.987 ug/ml
18) T n-Dotriacontane (C32)	18.914	3138944	21.621 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2892257	21.459 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2513718	21.155 ug/ml
21) T n-Octatriacontane (C38)	21.183	2318869	20.903 ug/ml
22) T n-Tetracontane (C40)	22.103	2188223	20.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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