

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041825AL\
 Data File : FE053404.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2025 19:43
 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: Apr 18 02:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.879	3393429	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.324	2520827	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T n-Nonane (C9)	3.226	2657683	19.385 ug/ml
2) T n-Decane (C10)	4.487	2685639	19.414 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2968752	19.668 ug/ml
4) T n-Dodecane (C12)	6.667	2723822	19.421 ug/ml
5) T A~2-methylnaphthalene...	7.301	2952065	19.772 ug/ml
6) T n-Tetradecane (C14)	8.503	2710233	19.319 ug/ml
7) T n-Hexadecane (C16)	10.116	2727372	19.030 ug/ml
8) T n-Octadecane (C18)	11.564	2739275	18.796 ug/ml
10) T n-Eicosane (C20)	12.878	2708939	18.617 ug/ml
11) T n-Heneicosane (C21)	13.492	2707008	18.689 ug/ml
13) T n-Docosane (C22)	14.080	2662785	18.453 ug/ml
14) T n-Tetracosane (C24)	15.186	2629670	18.307 ug/ml
15) T n-Hexacosane (C26)	16.210	2566737	18.123 ug/ml
16) T n-Octacosane (C28)	17.162	2513677	18.068 ug/ml
17) T n-Tricontane (C30)	18.052	2539460	18.244 ug/ml
18) T n-Dotriacontane (C32)	18.885	2579112	18.783 ug/ml
19) T n-Tetratriacontane (C34)	19.670	2521123	19.350 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2619363	20.748 ug/ml
21) T n-Octatriacontane (C38)	21.149	2538868	20.839 ug/ml
22) T n-Tetracontane (C40)	22.055	2817805	23.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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