

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050225AL\
 Data File : FE053633.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2025 21:25
 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: May 03 00:29:11 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	3191550	17.695 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
12) S 1-chlorooctadecane (S...	13.309	2372878	17.554 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
1) T n-Nonane (C9)	3.211	2430705	17.729 ug/ml
2) T n-Decane (C10)	4.472	2519959	18.216 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2746537	18.196 ug/ml
4) T n-Dodecane (C12)	6.653	2572624	18.343 ug/ml
5) T A~2-methylnaphthalene...	7.287	2720968	18.224 ug/ml
6) T n-Tetradecane (C14)	8.488	2577289	18.371 ug/ml
7) T n-Hexadecane (C16)	10.102	2608257	18.199 ug/ml
8) T n-Octadecane (C18)	11.549	2623429	18.002 ug/ml
10) T n-Eicosane (C20)	12.863	2588025	17.786 ug/ml
11) T n-Heneicosane (C21)	13.476	2562264	17.690 ug/ml
13) T n-Docosane (C22)	14.064	2545036	17.637 ug/ml
14) T n-Tetracosane (C24)	15.170	2529845	17.612 ug/ml
15) T n-Hexacosane (C26)	16.193	2499054	17.645 ug/ml
16) T n-Octacosane (C28)	17.145	2566339	18.446 ug/ml
17) T n-Tricontane (C30)	18.034	2753621	19.782 ug/ml
18) T n-Dotriacontane (C32)	18.869	2843458	20.709 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2677335	20.548 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2570920	20.364 ug/ml
21) T n-Octatriacontane (C38)	21.128	2452139	20.127 ug/ml
22) T n-Tetracontane (C40)	22.031	2373586	19.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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