

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052725AL\
 Data File : FE054020.D
 Signal(s) : FID1B.ch
 Acq On : 27 May 2025 13:36
 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: May 27 13:58:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.848	3217181	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	13.294	2353511	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.192	2368409	17.524 ug/ml
2) T n-Decane (C10)	4.456	2415576	17.876 ug/ml
3) T A~Naphthalene (C11.7)	6.172	2672315	18.595 ug/ml
4) T n-Dodecane (C12)	6.638	2492329	18.271 ug/ml
5) T A~2-methylnaphthalene...	7.274	2627505	18.943 ug/ml
6) T n-Tetradecane (C14)	8.474	2538632	18.812 ug/ml
7) T n-Hexadecane (C16)	10.086	2605339	19.308 ug/ml
8) T n-Octadecane (C18)	11.534	2638691	19.595 ug/ml
10) T n-Eicosane (C20)	12.848	2608103	19.844 ug/ml
11) T n-Heneicosane (C21)	13.461	2587053	19.955 ug/ml
13) T n-Docosane (C22)	14.048	2565491	20.110 ug/ml
14) T n-Tetracosane (C24)	15.154	2521637	20.154 ug/ml
15) T n-Hexacosane (C26)	16.178	2474175	20.205 ug/ml
16) T n-Octacosane (C28)	17.129	2456976	20.211 ug/ml
17) T n-Tricontane (C30)	18.019	2523812	20.261 ug/ml
18) T n-Dotriacontane (C32)	18.854	2534311	20.266 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2413044	20.257 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2391277	20.652 ug/ml
21) T n-Octatriacontane (C38)	21.111	2354726	21.638 ug/ml
22) T n-Tetracontane (C40)	22.008	2261608	22.791 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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