

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054039.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 08:37
 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 28 17:10:37 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)	11.844	3007121	18.504 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.289	2221364	18.738 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.189	2156867	15.959 ug/ml
2) T n-Decane (C10)	4.453	2207557	16.336 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2453121	17.069 ug/ml
4) T n-Dodecane (C12)	6.635	2289312	16.783 ug/ml
5) T A~2-methylnaphthalene...	7.271	2392260	17.247 ug/ml
6) T n-Tetradecane (C14)	8.470	2333374	17.291 ug/ml
7) T n-Hexadecane (C16)	10.083	2413527	17.887 ug/ml
8) T n-Octadecane (C18)	11.529	2447273	18.174 ug/ml
10) T n-Eicosane (C20)	12.843	2440178	18.567 ug/ml
11) T n-Heneicosane (C21)	13.457	2423862	18.696 ug/ml
13) T n-Docosane (C22)	14.045	2412093	18.907 ug/ml
14) T n-Tetracosane (C24)	15.150	2380963	19.030 ug/ml
15) T n-Hexacosane (C26)	16.173	2341422	19.121 ug/ml
16) T n-Octacosane (C28)	17.124	2334705	19.206 ug/ml
17) T n-Tricontane (C30)	18.013	2412321	19.366 ug/ml
18) T n-Dotriacontane (C32)	18.848	2422876	19.375 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2311225	19.402 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2277654	19.671 ug/ml
21) T n-Octatriacontane (C38)	21.105	2254341	20.715 ug/ml
22) T n-Tetracontane (C40)	22.000	2227523	22.448 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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