

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054046.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 13:34
 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 17:12:54 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)	11.841	2969618	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	13.285	2203051	18.583 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.188	2142372	15.851 ug/ml
2) T n-Decane (C10)	4.452	2183518	16.159 ug/ml
3) T A~Naphthalene (C11.7)	6.167	2447890	17.033 ug/ml
4) T n-Dodecane (C12)	6.634	2257161	16.547 ug/ml
5) T A~2-methylnaphthalene...	7.269	2414206	17.405 ug/ml
6) T n-Tetradecane (C14)	8.468	2300261	17.045 ug/ml
7) T n-Hexadecane (C16)	10.081	2381199	17.647 ug/ml
8) T n-Octadecane (C18)	11.527	2396662	17.798 ug/ml
10) T n-Eicosane (C20)	12.840	2410222	18.339 ug/ml
11) T n-Heneicosane (C21)	13.453	2390856	18.442 ug/ml
13) T n-Docosane (C22)	14.041	2378784	18.646 ug/ml
14) T n-Tetracosane (C24)	15.146	2350999	18.790 ug/ml
15) T n-Hexacosane (C26)	16.169	2310488	18.869 ug/ml
16) T n-Octacosane (C28)	17.121	2313206	19.029 ug/ml
17) T n-Tricontane (C30)	18.011	2397872	19.250 ug/ml
18) T n-Dotriacontane (C32)	18.843	2427244	19.409 ug/ml
19) T n-Tetratriacontane (C34)	19.629	2342560	19.665 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2332967	20.149 ug/ml
21) T n-Octatriacontane (C38)	21.099	2278552	20.938 ug/ml
22) T n-Tetracontane (C40)	21.993	2229256	22.465 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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