

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054850.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 11:36
 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: sample.E
 Quant Time: Jul 16 04:06:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.084	3319948	20.444 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	13.519	2489705	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.426	2625690	19.521 ug/ml
2) T n-Decane (C10)	4.683	2809191	20.588 ug/ml
3) T A~Naphthalene (C11.7)	6.401	3183495	21.025 ug/ml
4) T n-Dodecane (C12)	6.858	2919781	21.280 ug/ml
5) T A~2-methylnaphthalene...	7.501	3133192	21.314 ug/ml
6) T n-Tetradecane (C14)	8.694	2973582	21.450 ug/ml
7) T n-Hexadecane (C16)	10.309	3060468	21.475 ug/ml
8) T n-Octadecane (C18)	11.757	3063164	20.901 ug/ml
10) T n-Eicosane (C20)	13.072	2912423	20.254 ug/ml
11) T n-Heneicosane (C21)	13.686	2841712	19.895 ug/ml
13) T n-Docosane (C22)	14.274	2819727	19.748 ug/ml
14) T n-Tetracosane (C24)	15.380	2823620	19.424 ug/ml
15) T n-Hexacosane (C26)	16.403	2791725	19.291 ug/ml
16) T n-Octacosane (C28)	17.355	2799834	19.211 ug/ml
17) T n-Tricontane (C30)	18.245	2959008	18.777 ug/ml
18) T n-Dotriacontane (C32)	19.078	2956880	18.276 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2782631	18.260 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2514361	18.700 ug/ml
21) T n-Octatriacontane (C38)	21.383	2464911	21.017 ug/ml
22) T n-Tetracontane (C40)	22.373	2362507	21.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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