

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022725AL\  
 Data File : FE052543.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Feb 2025 19:54  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Feb 28 03:25:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 14 00:50:00 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)    | 11.921 | 3351718    | 17.930 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.86%       |
| 12) S 1-chlorooctadecane (S... | 13.365 | 2507244    | 18.038 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.255  | 3143831    | 20.481 ug/ml |
| 2) T n-Decane (C10)            | 4.517  | 3187686    | 20.409 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.232  | 3472953    | 20.102 ug/ml |
| 4) T n-Dodecane (C12)          | 6.700  | 3129189    | 19.825 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.336  | 3312191    | 19.721 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.538  | 3013472    | 19.132 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.154 | 3055178    | 18.693 ug/ml |
| 8) T n-Octadecane (C18)        | 11.604 | 3037092    | 18.355 ug/ml |
| 10) T n-Eicosane (C20)         | 12.919 | 2906567    | 18.232 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.534 | 2859577    | 18.252 ug/ml |
| 13) T n-Docosane (C22)         | 14.122 | 2848476    | 18.201 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.230 | 2850393    | 18.124 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.254 | 2820061    | 18.207 ug/ml |
| 16) T n-Octacosane (C28)       | 17.208 | 2801414    | 18.314 ug/ml |
| 17) T n-Tricontane (C30)       | 18.098 | 2863896    | 18.347 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.933 | 2794041    | 18.259 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.719 | 2502544    | 17.591 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.459 | 2244038    | 18.005 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.203 | 2210504    | 20.224 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.128 | 2349905    | 23.361 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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