

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030525AL\  
 Data File : FE052649.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Mar 2025 01:00  
 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: Mar 06 01:55:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 03 13:39:39 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)    | 11.914 | 3133150    | 18.585 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.17%       |
| 12) S 1-chlorooctadecane (S... | 13.359 | 2358928    | 19.427 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 3009250    | 19.408 ug/ml |
| 2) T n-Decane (C10)            | 4.514  | 3065505    | 19.514 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 3298080    | 19.447 ug/ml |
| 4) T n-Dodecane (C12)          | 6.696  | 3013451    | 19.354 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 3136540    | 19.354 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.533  | 2905858    | 19.205 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.148 | 2933984    | 19.190 ug/ml |
| 8) T n-Octadecane (C18)        | 11.598 | 2910821    | 19.132 ug/ml |
| 10) T n-Eicosane (C20)         | 12.913 | 2771196    | 19.089 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.528 | 2716372    | 19.085 ug/ml |
| 13) T n-Docosane (C22)         | 14.116 | 2721405    | 19.123 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 2773924    | 19.383 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.249 | 2768170    | 19.468 ug/ml |
| 16) T n-Octacosane (C28)       | 17.203 | 2787208    | 19.601 ug/ml |
| 17) T n-Tricontane (C30)       | 18.094 | 2906463    | 19.678 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 2896077    | 19.948 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.715 | 2565114    | 19.032 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 2316374    | 19.494 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.200 | 2259765    | 20.370 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.126 | 2279346    | 21.082 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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