

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031125AL\  
 Data File : FE052727.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Mar 2025 09:46  
 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: Mar 12 02:06:45 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)    | 11.909 | 3469374    | 20.579 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.16%       |
| 12) S 1-chlorooctadecane (S... | 13.354 | 2549643    | 20.997 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 3167333    | 20.428 ug/ml |
| 2) T n-Decane (C10)            | 4.510  | 3285613    | 20.915 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.223  | 3515111    | 20.727 ug/ml |
| 4) T n-Dodecane (C12)          | 6.691  | 3265308    | 20.972 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.325  | 3365947    | 20.770 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.528  | 3177323    | 20.999 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.143 | 3206276    | 20.971 ug/ml |
| 8) T n-Octadecane (C18)        | 11.593 | 3173471    | 20.859 ug/ml |
| 10) T n-Eicosane (C20)         | 12.908 | 3019859    | 20.802 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.522 | 2950990    | 20.734 ug/ml |
| 13) T n-Docosane (C22)         | 14.110 | 2960583    | 20.804 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.217 | 3008652    | 21.024 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.240 | 3005009    | 21.133 ug/ml |
| 16) T n-Octacosane (C28)       | 17.193 | 3049616    | 21.447 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 3201568    | 21.676 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.918 | 3183937    | 21.931 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.704 | 2959293    | 21.957 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.446 | 2646166    | 22.270 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.187 | 2441295    | 22.006 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.107 | 2345901    | 21.698 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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