

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032125AL\  
 Data File : FE052905.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Mar 2025 07:32  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Mar 22 00:10:13 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)    | 11.906 | 3056800    | 18.132 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.26%       |
| 12) S 1-chlorooctadecane (S... | 13.350 | 2291951    | 18.875 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.244  | 2792167    | 18.008 ug/ml |
| 2) T n-Decane (C10)            | 4.506  | 2932951    | 18.670 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.220  | 3143222    | 18.534 ug/ml |
| 4) T n-Dodecane (C12)          | 6.688  | 2919787    | 18.753 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.323  | 3014694    | 18.603 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.525  | 2882892    | 19.053 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.140 | 2917346    | 19.082 ug/ml |
| 8) T n-Octadecane (C18)        | 11.590 | 2881742    | 18.941 ug/ml |
| 10) T n-Eicosane (C20)         | 12.904 | 2737583    | 18.857 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.519 | 2664133    | 18.718 ug/ml |
| 13) T n-Docosane (C22)         | 14.107 | 2671265    | 18.771 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.214 | 2731115    | 19.084 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.238 | 2736141    | 19.242 ug/ml |
| 16) T n-Octacosane (C28)       | 17.190 | 2890410    | 20.327 ug/ml |
| 17) T n-Tricontane (C30)       | 18.081 | 3164176    | 21.423 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.915 | 3225105    | 22.215 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.701 | 2856920    | 21.197 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.443 | 2470437    | 20.791 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.184 | 2341824    | 21.110 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.106 | 2262246    | 20.924 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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