

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050125AL\  
 Data File : FE053602.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 May 2025 11:45  
 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: May 01 13:58:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 041725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 29 06:49:03 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)    | 11.865 | 3406552    | 18.887 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.77%       |
| 12) S 1-chlorooctadecane (S... | 13.309 | 2509890    | 18.568 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.214  | 2676440    | 19.521 ug/ml |
| 2) T n-Decane (C10)            | 4.474  | 2768205    | 20.011 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.186  | 3009672    | 19.939 ug/ml |
| 4) T n-Dodecane (C12)          | 6.654  | 2805304    | 20.002 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.288  | 2982857    | 19.978 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.490  | 2797434    | 19.940 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.103 | 2819100    | 19.670 ug/ml |
| 8) T n-Octadecane (C18)        | 11.550 | 2810688    | 19.286 ug/ml |
| 10) T n-Eicosane (C20)         | 12.864 | 2749268    | 18.894 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.477 | 2716406    | 18.754 ug/ml |
| 13) T n-Docosane (C22)         | 14.066 | 2688653    | 18.632 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.171 | 2659067    | 18.512 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.194 | 2605435    | 18.396 ug/ml |
| 16) T n-Octacosane (C28)       | 17.145 | 2634676    | 18.937 ug/ml |
| 17) T n-Tricontane (C30)       | 18.034 | 2780956    | 19.979 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.870 | 2844622    | 20.717 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.654 | 2696931    | 20.699 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.397 | 2621511    | 20.765 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.130 | 2477347    | 20.334 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.033 | 2361338    | 19.773 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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