

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032023AL\  
 Data File : FE040891.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Mar 2023 09:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 21 03:03:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 28 03:05:09 2023  
 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)    | 11.868 | 3830122    | 20.503 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.01%        |
| 12) S 1-chlorooctadecane (S... | 13.307 | 2888487    | 19.516 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.03%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.267  | 3427734    | 22.276 ug/ml  |
| 2) T n-Decane (C10)            | 4.514  | 3448339    | 22.921 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.216  | 3755591    | 22.642 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.678  | 3480294    | 22.734 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.311  | 3421843    | 22.610 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.504  | 3493515    | 22.604 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.110 | 3581383    | 22.173 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.553 | 3618277    | 21.310 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.862 | 3476996    | 20.553 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.474 | 3450150    | 20.134 ug/ml  |
| 13) T n-Docosane (C22)         | 14.061 | 3380699    | 19.734 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.165 | 3305562    | 19.175 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.187 | 3163863    | 18.615 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.138 | 3169928    | 18.902 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.025 | 3296833    | 20.191 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.858 | 3399207    | 19.861 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.643 | 3267172    | 21.132 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.384 | 2968854    | 20.435 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.113 | 2912936    | 21.192 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.003 | 3046937    | 19.719 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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