

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062423AL\  
 Data File : FE042868.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Jun 2023 13:47  
 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: Jun 25 05:08:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 21 11:03:59 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)    | 11.917 | 3455472    | 18.810 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.62%       |
| 12) S 1-chlorooctadecane (S... | 13.354 | 2567053    | 18.863 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.297  | 2864688    | 18.545 ug/ml |
| 2) T n-Decane (C10)            | 4.549  | 2920506    | 18.489 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.257  | 3164490    | 18.689 ug/ml |
| 4) T n-Dodecane (C12)          | 6.718  | 2953193    | 18.450 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.355  | 3026462    | 18.666 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.547  | 2938955    | 18.466 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.155 | 3057323    | 18.563 ug/ml |
| 8) T n-Octadecane (C18)        | 11.599 | 3098907    | 18.644 ug/ml |
| 10) T n-Eicosane (C20)         | 12.909 | 2981917    | 18.792 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.520 | 2916004    | 18.848 ug/ml |
| 13) T n-Docosane (C22)         | 14.106 | 2876758    | 18.885 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.209 | 2808504    | 18.929 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.230 | 2701110    | 18.894 ug/ml |
| 16) T n-Octacosane (C28)       | 17.179 | 2594719    | 18.708 ug/ml |
| 17) T n-Tricontane (C30)       | 18.067 | 2610655    | 18.459 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.899 | 2567949    | 18.309 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.683 | 2519277    | 18.410 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.423 | 2462676    | 18.414 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.165 | 2480975    | 18.197 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.083 | 2577187    | 18.524 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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