

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060523AL\  
 Data File : FE042405.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Jun 2023 03:10  
 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 06 04:15:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.955 | 3281829    | 18.586 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.17%       |
| 12) S 1-chlorooctadecane (S... | 13.392 | 2423200    | 18.236 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.332  | 2721504    | 18.873 ug/ml |
| 2) T n-Decane (C10)            | 4.584  | 2807440    | 18.965 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.294  | 3025502    | 18.543 ug/ml |
| 4) T n-Dodecane (C12)          | 6.753  | 2834764    | 18.904 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.391  | 2900741    | 18.278 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.583  | 2813394    | 18.780 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.191 | 2918893    | 18.738 ug/ml |
| 8) T n-Octadecane (C18)        | 11.635 | 2948871    | 18.648 ug/ml |
| 10) T n-Eicosane (C20)         | 12.945 | 2820649    | 18.608 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.557 | 2750707    | 18.567 ug/ml |
| 13) T n-Docosane (C22)         | 14.144 | 2705497    | 18.455 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.248 | 2689599    | 18.632 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.270 | 2655941    | 19.177 ug/ml |
| 16) T n-Octacosane (C28)       | 17.219 | 2679498    | 20.014 ug/ml |
| 17) T n-Tricontane (C30)       | 18.108 | 2917273    | 21.611 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.942 | 2982454    | 22.325 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.726 | 2786916    | 21.192 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.467 | 2723510    | 20.954 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.216 | 2653087    | 19.555 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.150 | 2730323    | 19.626 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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