

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072023AL\  
 Data File : FD046143.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jul 2023 11:40  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Jul 20 13:19:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 13:18:25 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)    | 11.403 | 8176358    | 46.276 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 92.55%       |
| 12) S 1-chlorooctadecane (S... | 12.836 | 5784613    | 47.366 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 94.73%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.232  | 7318247    | 46.021 ug/ml |
| 2) T n-Decane (C10)            | 4.286  | 7468762    | 46.141 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.847  | 8093725    | 45.917 ug/ml |
| 4) T n-Dodecane (C12)          | 6.289  | 7532880    | 46.221 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.896  | 7779199    | 46.533 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.073  | 7452781    | 46.371 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.665  | 7643581    | 46.328 ug/ml |
| 8) T n-Octadecane (C18)        | 11.098 | 7594140    | 46.379 ug/ml |
| 10) T n-Eicosane (C20)         | 12.398 | 7062518    | 46.625 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.005 | 6810437    | 46.579 ug/ml |
| 13) T n-Docosane (C22)         | 13.586 | 6622010    | 46.716 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.682 | 6357737    | 46.045 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.695 | 5961559    | 46.348 ug/ml |
| 16) T n-Octacosane (C28)       | 16.636 | 5683616    | 46.192 ug/ml |
| 17) T n-Tricontane (C30)       | 17.516 | 5735879    | 45.745 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.342 | 5669468    | 45.914 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.119 | 5890484    | 45.439 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.853 | 5457100    | 47.279 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.554 | 5312163    | 47.548 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.372 | 4997898    | 46.788 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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