

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012524AL\  
 Data File : FE046389.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jan 2024 15:01  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 25 15:25:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 2024  
 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)    | 11.820 | 3582994    | 19.377 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.75%       |
| 12) S 1-chlorooctadecane (S... | 13.262 | 2756346    | 19.373 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.211  | 3137881    | 19.426 ug/ml |
| 2) T n-Decane (C10)            | 4.460  | 3180557    | 19.407 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.163  | 3367438    | 19.693 ug/ml |
| 4) T n-Dodecane (C12)          | 6.627  | 3233082    | 19.546 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.260  | 3146039    | 19.726 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.453  | 3186632    | 19.443 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.062 | 3309630    | 19.368 ug/ml |
| 8) T n-Octadecane (C18)        | 11.506 | 3389772    | 19.444 ug/ml |
| 10) T n-Eicosane (C20)         | 12.817 | 3288411    | 19.368 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.429 | 3237642    | 19.411 ug/ml |
| 13) T n-Docosane (C22)         | 14.016 | 3225789    | 19.472 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.122 | 3222629    | 19.531 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.142 | 3162403    | 19.593 ug/ml |
| 16) T n-Octacosane (C28)       | 17.095 | 3084436    | 19.648 ug/ml |
| 17) T n-Tricontane (C30)       | 17.985 | 3067938    | 19.587 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.819 | 2943536    | 19.473 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.604 | 2752213    | 19.404 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.348 | 2524242    | 18.313 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.074 | 2361717    | 18.423 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.965 | 2179093    | 17.428 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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