

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070623AL\  
 Data File : FE043104.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Jul 2023 11:27  
 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: Jul 06 17:29:16 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)    | 11.904 | 4123860    | 22.448 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.90%       |
| 12) S 1-chlorooctadecane (S... | 13.340 | 3031656    | 22.277 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.283  | 3558218    | 23.035 ug/ml |
| 2) T n-Decane (C10)            | 4.535  | 3617369    | 22.901 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.244  | 3857962    | 22.785 ug/ml |
| 4) T n-Dodecane (C12)          | 6.705  | 3656813    | 22.846 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.341  | 3675317    | 22.668 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.534  | 3650877    | 22.940 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.141 | 3738312    | 22.698 ug/ml |
| 8) T n-Octadecane (C18)        | 11.585 | 3758253    | 22.610 ug/ml |
| 10) T n-Eicosane (C20)         | 12.895 | 3578245    | 22.550 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.506 | 3487928    | 22.544 ug/ml |
| 13) T n-Docosane (C22)         | 14.092 | 3425470    | 22.487 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.195 | 3334611    | 22.474 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.215 | 3211957    | 22.467 ug/ml |
| 16) T n-Octacosane (C28)       | 17.165 | 3098495    | 22.340 ug/ml |
| 17) T n-Tricontane (C30)       | 18.052 | 3122696    | 22.080 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.886 | 3076004    | 21.931 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.669 | 3032876    | 22.163 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.409 | 2938871    | 21.975 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.148 | 2915253    | 21.382 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.061 | 2922925    | 21.009 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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