

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072023AL\  
 Data File : FE043387.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Jul 2023 10:03  
 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 21 10:28:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 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)    | 11.888 | 3597610    | 20.091 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.18%       |
| 12) S 1-chlorooctadecane (S... | 13.326 | 2655479    | 20.210 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.269  | 3068497    | 20.097 ug/ml |
| 2) T n-Decane (C10)            | 4.521  | 3171544    | 20.344 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.230  | 3283892    | 20.408 ug/ml |
| 4) T n-Dodecane (C12)          | 6.691  | 3190077    | 20.245 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.328  | 3111107    | 20.503 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.520  | 3163377    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.128 | 3258078    | 20.132 ug/ml |
| 8) T n-Octadecane (C18)        | 11.570 | 3276600    | 20.100 ug/ml |
| 10) T n-Eicosane (C20)         | 12.880 | 3126376    | 20.122 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.492 | 3047028    | 20.112 ug/ml |
| 13) T n-Docosane (C22)         | 14.077 | 3000888    | 20.080 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.181 | 2938964    | 20.012 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.202 | 2866918    | 20.129 ug/ml |
| 16) T n-Octacosane (C28)       | 17.151 | 2828586    | 20.103 ug/ml |
| 17) T n-Tricontane (C30)       | 18.039 | 2980299    | 20.231 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.872 | 3012473    | 20.330 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.655 | 2921181    | 20.241 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.394 | 2800310    | 19.053 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.131 | 2767226    | 19.399 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.037 | 2780044    | 18.837 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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