

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042623AL\  
 Data File : FE041544.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Apr 2023 12:50  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Apr 27 02:02:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.979 | 3271266    | 17.437 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.87%       |
| 12) S 1-chlorooctadecane (S... | 13.416 | 2532092    | 17.924 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.349  | 2754164    | 18.736 ug/ml |
| 2) T n-Decane (C10)            | 4.603  | 2825476    | 18.839 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.311  | 3271956    | 19.771 ug/ml |
| 4) T n-Dodecane (C12)          | 6.774  | 2881959    | 18.955 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.408  | 3123955    | 19.374 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.605  | 2914899    | 19.189 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.215 | 3008778    | 18.854 ug/ml |
| 8) T n-Octadecane (C18)        | 11.659 | 3080474    | 18.793 ug/ml |
| 10) T n-Eicosane (C20)         | 12.970 | 3004359    | 18.679 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.583 | 2979434    | 18.695 ug/ml |
| 13) T n-Docosane (C22)         | 14.171 | 2985840    | 18.740 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.275 | 3135455    | 19.448 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.297 | 3006827    | 19.019 ug/ml |
| 16) T n-Octacosane (C28)       | 17.247 | 3057482    | 19.870 ug/ml |
| 17) T n-Tricontane (C30)       | 18.135 | 3216885    | 21.122 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.967 | 3274678    | 21.981 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.752 | 3037295    | 21.560 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.492 | 2796582    | 20.912 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.246 | 2748494    | 20.801 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.190 | 2785281    | 21.999 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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