

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062123AL\  
 Data File : FE042784.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Jun 2023 13:07  
 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: Jun 21 17:03:48 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)    | 11.922 | 3525554    | 19.192 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.38%       |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2616154    | 19.224 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.297  | 2965043    | 19.195 ug/ml |
| 2) T n-Decane (C10)            | 4.550  | 3035552    | 19.217 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.260  | 3290237    | 19.432 ug/ml |
| 4) T n-Dodecane (C12)          | 6.721  | 3082604    | 19.258 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.358  | 3154848    | 19.458 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.551  | 3045871    | 19.138 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.159 | 3158206    | 19.176 ug/ml |
| 8) T n-Octadecane (C18)        | 11.603 | 3187884    | 19.179 ug/ml |
| 10) T n-Eicosane (C20)         | 12.913 | 3048671    | 19.212 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.526 | 2973357    | 19.218 ug/ml |
| 13) T n-Docosane (C22)         | 14.111 | 2926473    | 19.211 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.216 | 2858007    | 19.262 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.237 | 2757400    | 19.288 ug/ml |
| 16) T n-Octacosane (C28)       | 17.188 | 2678905    | 19.315 ug/ml |
| 17) T n-Tricontane (C30)       | 18.074 | 2751432    | 19.455 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.907 | 2736556    | 19.511 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.691 | 2659319    | 19.433 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.432 | 2552279    | 19.084 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.176 | 2587401    | 18.977 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.098 | 2623598    | 18.857 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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