

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080423AL\  
 Data File : FE043740.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Aug 2023 04:29  
 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: Aug 04 06:22:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 02 09:56:52 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)    | 11.939 | 4510830    | 21.889 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.78%       |
| 12) S 1-chlorooctadecane (S... | 13.378 | 3418558    | 21.907 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.81%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.328  | 3534935    | 21.890 ug/ml |
| 2) T n-Decane (C10)            | 4.579  | 3652807    | 22.163 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 4039531    | 22.187 ug/ml |
| 4) T n-Dodecane (C12)          | 6.742  | 3711578    | 22.177 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.371  | 3959142    | 22.239 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.569  | 3724773    | 22.108 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.177 | 3899204    | 22.104 ug/ml |
| 8) T n-Octadecane (C18)        | 11.623 | 4002949    | 22.098 ug/ml |
| 10) T n-Eicosane (C20)         | 12.933 | 3900958    | 22.043 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.546 | 3860806    | 21.805 ug/ml |
| 13) T n-Docosane (C22)         | 14.133 | 3848724    | 21.942 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.236 | 3830469    | 21.801 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.260 | 3733525    | 21.602 ug/ml |
| 16) T n-Octacosane (C28)       | 17.210 | 3569715    | 21.335 ug/ml |
| 17) T n-Tricontane (C30)       | 18.098 | 3500841    | 21.137 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.932 | 3338500    | 21.144 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.718 | 3167552    | 21.316 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.458 | 3001972    | 21.477 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.202 | 2936330    | 22.011 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.125 | 2872030    | 22.259 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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