

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121922AL\  
 Data File : FE039399.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Dec 2022 01:28  
 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: Dec 20 04:49:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 2022  
 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)    | 11.934 | 3177734    | 21.294 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.59%       |
| 12) S 1-chlorooctadecane (S... | 13.370 | 2458261    | 21.358 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.72%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.328  | 2616044    | 20.239 ug/ml |
| 2) T n-Decane (C10)            | 4.578  | 2628961    | 20.632 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.281  | 3049640    | 21.096 ug/ml |
| 4) T n-Dodecane (C12)          | 6.742  | 2675193    | 20.606 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.376  | 2878332    | 21.253 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.568  | 2749331    | 20.748 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.175 | 2877696    | 20.917 ug/ml |
| 8) T n-Octadecane (C18)        | 11.616 | 2950877    | 21.068 ug/ml |
| 10) T n-Eicosane (C20)         | 12.925 | 2889540    | 21.168 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.537 | 2897556    | 21.244 ug/ml |
| 13) T n-Docosane (C22)         | 14.123 | 2874630    | 21.250 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.225 | 2848510    | 21.220 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.246 | 2750362    | 21.123 ug/ml |
| 16) T n-Octacosane (C28)       | 17.196 | 2780266    | 21.602 ug/ml |
| 17) T n-Tricontane (C30)       | 18.084 | 2859383    | 22.209 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.918 | 2916720    | 22.523 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.701 | 2802504    | 22.213 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.443 | 2604200    | 21.537 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.179 | 2545086    | 20.608 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.090 | 2523897    | 20.097 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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