

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101222AL\  
 Data File : FE038086.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Oct 2022 11:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Oct 13 04:59:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 28 06:23:29 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)    | 11.598 | 3340617    | 19.314 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.63%       |
| 12) S 1-chlorooctadecane (S... | 13.019 | 2618839    | 19.375 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.996  | 2971963    | 20.179 ug/ml |
| 2) T n-Decane (C10)            | 4.253  | 3088283    | 20.888 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.973  | 2884977    | 21.067 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 3197046    | 20.981 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.067  | 2717171    | 20.444 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.244  | 3209798    | 20.972 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.842  | 3237036    | 20.724 ug/ml |
| 8) T n-Octadecane (C18)        | 11.276 | 3247029    | 20.243 ug/ml |
| 10) T n-Eicosane (C20)         | 12.577 | 3217859    | 19.733 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.184 | 3172262    | 19.253 ug/ml |
| 13) T n-Docosane (C22)         | 13.767 | 3211346    | 19.508 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.864 | 3122018    | 19.036 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.878 | 3025063    | 18.552 ug/ml |
| 16) T n-Octacosane (C28)       | 16.822 | 2995842    | 18.701 ug/ml |
| 17) T n-Tricontane (C30)       | 17.704 | 3074292    | 19.211 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.533 | 3044669    | 19.335 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.313 | 2865966    | 19.344 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.047 | 2781923    | 19.297 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.746 | 2604395    | 19.192 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.510 | 2769692    | 21.758 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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