

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100122AL\  
 Data File : FE037865.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Sep 2022 10:33  
 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: Oct 03 03:18:32 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)    | 11.606 | 3575149    | 20.670 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.34%       |
| 12) S 1-chlorooctadecane (S... | 13.027 | 2817023    | 20.842 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.006  | 3062208    | 20.792 ug/ml |
| 2) T n-Decane (C10)            | 4.263  | 3079470    | 20.829 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.984  | 2943340    | 21.493 ug/ml |
| 4) T n-Dodecane (C12)          | 6.434  | 3174250    | 20.831 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.078  | 2678258    | 20.151 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.252  | 3191459    | 20.852 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.850  | 3248647    | 20.798 ug/ml |
| 8) T n-Octadecane (C18)        | 11.283 | 3330108    | 20.761 ug/ml |
| 10) T n-Eicosane (C20)         | 12.585 | 3390100    | 20.789 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.192 | 3414939    | 20.726 ug/ml |
| 13) T n-Docosane (C22)         | 13.774 | 3472196    | 21.093 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.871 | 3492858    | 21.297 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.884 | 3484264    | 21.368 ug/ml |
| 16) T n-Octacosane (C28)       | 16.829 | 3454737    | 21.565 ug/ml |
| 17) T n-Tricontane (C30)       | 17.711 | 3436803    | 21.476 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.537 | 3320760    | 21.088 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.317 | 3023128    | 20.405 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.053 | 2845808    | 19.740 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.749 | 2631401    | 19.391 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.517 | 2458326    | 19.312 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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