

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042021AL\  
 Data File : FD037021.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Apr 2021 10:56  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Apr 21 02:28:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 09:10:29 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.480 | 2748200    | 18.547 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.09%       |
| 12) S 1-chlorooctadecane (S... | 12.913 | 2113171    | 18.158 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.280  | 2746790    | 21.609 ug/ml |
| 2) T n-Decane (C10)            | 4.341  | 2787674    | 21.634 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.914  | 3072074    | 21.041 ug/ml |
| 4) T n-Dodecane (C12)          | 6.351  | 2840502    | 21.428 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.967  | 3090675    | 20.642 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.139  | 2803996    | 20.630 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.733  | 2698963    | 20.266 ug/ml |
| 8) T n-Octadecane (C18)        | 11.168 | 2709169    | 19.558 ug/ml |
| 10) T n-Eicosane (C20)         | 12.472 | 2593603    | 18.762 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.081 | 2522515    | 18.322 ug/ml |
| 13) T n-Docosane (C22)         | 13.664 | 2452385    | 18.029 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.762 | 2340892    | 17.657 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.777 | 2225982    | 17.580 ug/ml |
| 16) T n-Octacosane (C28)       | 16.722 | 2172329    | 18.012 ug/ml |
| 17) T n-Tricontane (C30)       | 17.604 | 2158368    | 18.789 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.433 | 2130550    | 19.370 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.210 | 2120753    | 20.649 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.946 | 2079157    | 21.280 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.657 | 2010544    | 21.746 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.504 | 2082525    | 20.647 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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