

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040221AL\  
 Data File : FD036695.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Apr 2021 14:00  
 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: autoint1.e  
 Quant Time: Apr 02 23:19:47 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)    | 11.486 | 2919683    | 19.705 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.41%       |
| 12) S 1-chlorooctadecane (S... | 12.919 | 2224140    | 19.111 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.290  | 2633968    | 20.721 ug/ml |
| 2) T n-Decane (C10)            | 4.351  | 2708619    | 21.021 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.924  | 3039366    | 20.817 ug/ml |
| 4) T n-Dodecane (C12)          | 6.360  | 2796404    | 21.095 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.975  | 3101351    | 20.714 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.147  | 2799784    | 20.599 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.739  | 2730607    | 20.504 ug/ml |
| 8) T n-Octadecane (C18)        | 11.175 | 2779093    | 20.063 ug/ml |
| 10) T n-Eicosane (C20)         | 12.477 | 2702102    | 19.547 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.087 | 2635600    | 19.144 ug/ml |
| 13) T n-Docosane (C22)         | 13.670 | 2592508    | 19.059 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.766 | 2500727    | 18.862 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.782 | 2344150    | 18.514 ug/ml |
| 16) T n-Octacosane (C28)       | 16.725 | 2242846    | 18.597 ug/ml |
| 17) T n-Tricontane (C30)       | 17.607 | 2173975    | 18.925 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.434 | 2094201    | 19.040 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.213 | 2039536    | 19.858 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.948 | 1974918    | 20.213 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.657 | 1911304    | 20.673 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.507 | 1985972    | 19.690 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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