

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040523AL\  
 Data File : FD045405.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Apr 2023 02:37  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Apr 05 05:39:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 05:35:20 2023  
 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)    | 11.448 | 8028477    | 49.713 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.43%       |
| 12) S 1-chlorooctadecane (S... | 12.879 | 5885955    | 49.912 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.265  | 7202163    | 49.700 ug/ml |
| 2) T n-Decane (C10)            | 4.323  | 7134440    | 49.621 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.889  | 8234063    | 49.649 ug/ml |
| 4) T n-Dodecane (C12)          | 6.328  | 7214932    | 49.575 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.939  | 7708627    | 49.587 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.114  | 7258092    | 49.569 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.705  | 7425463    | 49.666 ug/ml |
| 8) T n-Octadecane (C18)        | 11.140 | 7487249    | 49.743 ug/ml |
| 10) T n-Eicosane (C20)         | 12.440 | 7162156    | 49.825 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.049 | 7091637    | 49.762 ug/ml |
| 13) T n-Docosane (C22)         | 13.631 | 6992090    | 49.865 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.726 | 6792438    | 50.034 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.741 | 6606927    | 50.380 ug/ml |
| 16) T n-Octacosane (C28)       | 16.683 | 6454447    | 50.500 ug/ml |
| 17) T n-Tricontane (C30)       | 17.564 | 6323930    | 50.495 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.390 | 6237452    | 50.228 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.167 | 5992659    | 49.850 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.901 | 5552708    | 49.857 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.605 | 5321470    | 50.009 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.440 | 5063602    | 49.777 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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