

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122422AL\  
 Data File : FD044721.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Dec 2022 19:10  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 25 16:50:07 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122422.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 16:49:21 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)    | 11.551 | 7638826    | 50.138 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 100.28%      |
| 12) S 1-chlorooctadecane (S... | 12.975 | 5818974    | 50.380 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 100.76%      |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.379  | 7104009    | 49.483 ug/ml |
| 2) T n-Decane (C10)            | 4.438  | 6979806    | 49.537 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.009  | 7992811    | 49.750 ug/ml |
| 4) T n-Dodecane (C12)          | 6.438  | 7005448    | 49.639 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.055  | 7504410    | 49.804 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.218  | 6990676    | 49.897 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.807  | 7071391    | 50.049 ug/ml |
| 8) T n-Octadecane (C18)        | 11.237 | 7044227    | 49.882 ug/ml |
| 10) T n-Eicosane (C20)         | 12.535 | 6762615    | 50.311 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.142 | 6747588    | 50.196 ug/ml |
| 13) T n-Docosane (C22)         | 13.723 | 6650234    | 50.461 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.817 | 6575643    | 50.613 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.829 | 6410299    | 50.389 ug/ml |
| 16) T n-Octacosane (C28)       | 16.770 | 6347075    | 50.548 ug/ml |
| 17) T n-Tricontane (C30)       | 17.650 | 6285794    | 50.380 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.474 | 6304807    | 50.309 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.251 | 6243929    | 50.262 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.982 | 6022062    | 50.482 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.693 | 5973563    | 50.337 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.556 | 5963835    | 50.280 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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