

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022123AR\  
 Data File : FD045101.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Feb 2023 19:37  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 04:50:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:49:01 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units  |
|------------------------------------|--------|------------|-------------|
| -----                              |        |            |             |
| System Monitoring Compounds        |        |            |             |
| 4) S 2-Bromonaphthalene (S...      | 7.554  | 733304     | 5.406 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.81%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.410  | 479936     | 5.298 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.60%      |
| 11) S ortho-Terphenyl (SURR)       | 11.449 | 934267     | 5.545 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 11.09%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.364  | 827031     | 5.506 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.895  | 871030     | 5.510 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.943  | 853863     | 5.405 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.214  | 770213     | 5.320 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.509  | 814098     | 5.339 ug/ml |
| 8) T Fluorene (C16.55)             | 9.287  | 788132     | 5.284 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.678 | 779960     | 5.316 ug/ml |
| 10) T Anthracene (C19.43)          | 10.752 | 725689     | 5.332 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.483 | 772535     | 5.359 ug/ml |
| 13) T Pyrene (C20.8)               | 12.777 | 761625     | 5.394 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.642 | 686192     | 5.355 ug/ml |
| 15) T Chrysene (C27.41)            | 14.683 | 724391     | 5.453 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.183 | 714575     | 5.428 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.214 | 714863     | 5.535 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.559 | 708527     | 5.533 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.915 | 671572     | 5.365 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.959 | 676440     | 5.502 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.166 | 695191     | 5.460 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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