

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032823AR\  
 Data File : FD045361.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Mar 2023 20:54  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 05:55:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:54:58 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...      | 7.548  | 711367     | 5.192 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.38%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.404  | 457838     | 5.107 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.21%      |
| 11) S ortho-Terphenyl (SURR)       | 11.442 | 928462     | 5.336 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.67%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.359  | 824259     | 5.291 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.889  | 840922     | 5.233 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.937  | 837930     | 5.234 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.207  | 766823     | 5.237 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.502  | 807139     | 5.204 ug/ml |
| 8) T Fluorene (C16.55)             | 9.281  | 749834     | 5.057 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.671 | 747833     | 5.163 ug/ml |
| 10) T Anthracene (C19.43)          | 10.744 | 712763     | 5.157 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.475 | 753298     | 5.236 ug/ml |
| 13) T Pyrene (C20.8)               | 12.769 | 742090     | 5.278 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.634 | 676668     | 5.276 ug/ml |
| 15) T Chrysene (C27.41)            | 14.674 | 707285     | 5.334 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.174 | 685239     | 5.275 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.206 | 670164     | 5.291 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.549 | 657459     | 5.229 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.906 | 611686     | 5.168 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.949 | 656543     | 5.511 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.156 | 664383     | 5.319 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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