

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AR\  
 Data File : FD049216.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Apr 2025 19:00  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Apr 03 03:35:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 03 03:29:47 2025  
 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...      | 7.746  | 603515     | 5.166 ug/mlm |
| Spiked Amount 50.000               |        | Recovery = | 10.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.611  | 413563     | 5.092 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.18%       |
| 11) S ortho-Terphenyl (SURR)       | 11.652 | 788226     | 5.329 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.66%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.539  | 607849     | 5.421 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.084  | 673514     | 5.394 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.137  | 635095     | 5.119 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.415  | 768163     | 5.429 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.710  | 708787     | 5.246 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.490  | 655712     | 4.935 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.888 | 696696     | 4.952 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.961 | 540221     | 4.456 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.699 | 737036     | 4.998 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.997 | 741606     | 4.989 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.865 | 458078     | 4.126 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.907 | 526393     | 4.469 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.414 | 581870     | 4.794 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.445 | 526148     | 4.583 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.791 | 494296     | 4.591 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.153 | 438213     | 4.496 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.193 | 286398     | 3.611 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.406 | 558015     | 4.957 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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