

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081125AR\  
 Data File : FD049609.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Aug 2025 13:35  
 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: Aug 11 14:11:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 11 14:11:17 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...      | 7.714  | 489176     | 4.773 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.55%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.578  | 347680     | 4.760 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.52%       |
| 11) S ortho-Terphenyl (SURR)       | 11.623 | 633269     | 4.879 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.76%       |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.509  | 496869     | 4.909 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.052  | 556463     | 4.853 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.104  | 572023     | 4.795 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.381  | 608871     | 4.843 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.677  | 608171     | 4.837 ug/ml |
| 8) T Fluorene (C16.55)             | 9.458  | 606295     | 4.789 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.856 | 610414     | 4.725 ug/ml |
| 10) T Anthracene (C19.43)          | 10.930 | 577291     | 4.686 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.669 | 606942     | 4.741 ug/ml |
| 13) T Pyrene (C20.8)               | 12.966 | 601676     | 4.739 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.836 | 548941     | 4.757 ug/ml |
| 15) T Chrysene (C27.41)            | 14.878 | 559500     | 4.779 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.386 | 558498     | 4.911 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.416 | 528624     | 4.938 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.764 | 545214     | 4.915 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.126 | 505114     | 4.900 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.168 | 584886     | 5.366 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.380 | 544133     | 4.979 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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