

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100225AR\  
 Data File : FG016743.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Oct 2025 16:49  
 Operator : YP\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

Integration File: autoint1.e  
 Quant Time: Oct 03 01:40:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 03 01:39:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

10/03/2025  
 Supervised By :mohammad  
 ahmed

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----10/04/2025                    |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 8.087  | 592963     | 5.192 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.38%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.975  | 339516     | 4.732 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.46%        |
| 11) S ortho-Terphenyl (SURR)       | 12.047 | 837853     | 5.947 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 11.89%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.671  | 769545     | 5.854 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.353  | 754335     | 5.507 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.456  | 746662     | 5.643 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.766  | 639408     | 5.048 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 9.067  | 868964     | 6.350 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.866  | 727923     | 5.543 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.282 | 679776     | 5.370 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.359 | 931576     | 6.532 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 13.113 | 801035     | 5.887 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.413 | 816059     | 5.942 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.310 | 579889     | 5.073 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.352 | 983235     | 6.930 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.878 | 535597     | 4.949 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.909 | 934552     | 6.806 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.266 | 638999     | 5.545 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.657 | 481864     | 6.265 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.687 | 915222     | 6.215 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.900 | 651977     | 5.920 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

