

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082825AR\  
 Data File : FD049700.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Aug 2025 18:10  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 29 02:29:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 11 14:11:57 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...      | 7.713  | 2208446    | 21.549 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.10%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.578  | 1591817    | 21.792 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.58%       |
| 11) S ortho-Terphenyl (SURR)       | 11.624 | 2690972    | 20.732 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.46%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.504  | 2149642    | 21.237 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.048  | 2405768    | 20.982 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.102  | 2426311    | 20.339 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.381  | 2641905    | 21.016 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.677  | 2580587    | 20.524 ug/ml |
| 8) T Flouorene (C16.55)            | 9.459  | 2689326    | 21.241 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.857 | 2705914    | 20.947 ug/ml |
| 10) T Anthracene (C19.43)          | 10.931 | 2407935    | 19.546 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.671 | 2664605    | 20.814 ug/ml |
| 13) T Pyrene (C20.8)               | 12.969 | 2643239    | 20.819 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.840 | 2321801    | 20.120 ug/ml |
| 15) T Chrysene (C27.41)            | 14.882 | 2343837    | 20.019 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.391 | 2288388    | 20.120 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.424 | 2277205    | 21.273 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.770 | 2162444    | 19.493 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.134 | 2065815    | 20.041 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.174 | 2138995    | 19.624 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.389 | 2214141    | 20.262 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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