

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071525AR\  
 Data File : FD049545.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Jul 2025 14:26  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 15 14:46:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071525.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 15 12:32:40 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...      | 7.733  | 2778801    | 21.239 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.48%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.598  | 1967124    | 21.229 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.46%       |
| 11) S ortho-Terphenyl (SURR)       | 11.642 | 3469921    | 21.162 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.32%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.528  | 2734375    | 21.166 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.071  | 3106522    | 21.225 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.124  | 3220631    | 21.208 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.402  | 3371207    | 21.238 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.698  | 3354946    | 21.190 ug/ml |
| 8) T Flouorene (C16.55)            | 9.478  | 3394694    | 21.251 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.876 | 3463252    | 21.143 ug/ml |
| 10) T Anthracene (C19.43)          | 10.950 | 3356884    | 21.074 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.689 | 3441179    | 21.171 ug/ml |
| 13) T Pyrene (C20.8)               | 12.987 | 3429468    | 21.132 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.858 | 3081279    | 21.040 ug/ml |
| 15) T Chrysene (C27.41)            | 14.901 | 3121818    | 20.976 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.408 | 2976202    | 21.005 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.440 | 2805496    | 20.986 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.787 | 2889136    | 20.984 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.150 | 2609969    | 20.839 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.190 | 2761553    | 20.962 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.406 | 2777217    | 20.985 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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