

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF031725AR\  
 Data File : FF015676.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Mar 2025 12:38  
 Operator : YP\AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Mar 17 13:31:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 031725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 17 13:27:58 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...      | 8.000  | 5484460    | 50.526 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 101.05%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.877  | 3557434    | 51.272 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 102.54%      |
| 11) S ortho-Terphenyl (SURR)       | 11.938 | 6396427    | 50.065 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.13%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.605  | 5996027    | 50.067 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.278  | 6114395    | 50.475 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.374  | 6010843    | 50.353 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.676  | 6338189    | 50.215 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.975  | 6325657    | 49.965 ug/ml |
| 8) T Fluorene (C16.55)             | 9.765  | 6226083    | 50.345 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.175 | 6006827    | 50.603 ug/ml |
| 10) T Anthracene (C19.43)          | 11.250 | 5856932    | 50.680 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.999 | 6093084    | 50.310 ug/ml |
| 13) T Pyrene (C20.8)               | 13.298 | 6030005    | 49.856 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.183 | 5424277    | 51.173 ug/ml |
| 15) T Chrysene (C27.41)            | 15.226 | 5854227    | 49.806 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.748 | 5556418    | 50.654 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.779 | 5747701    | 49.601 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.129 | 5354081    | 50.490 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.506 | 4757220    | 51.021 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.541 | 5784624    | 50.227 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.763 | 5653308    | 50.208 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

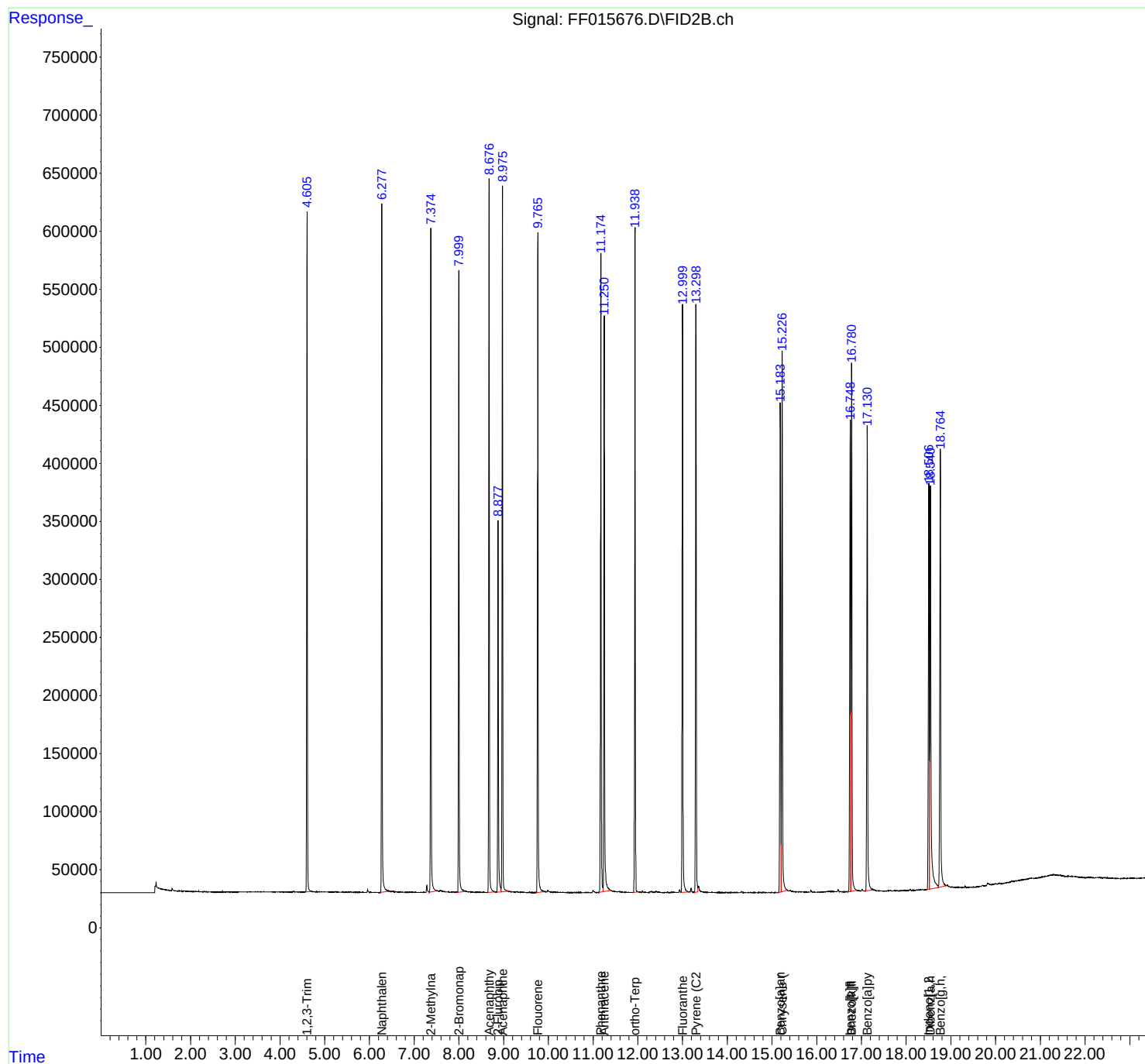
(m)=manual int.

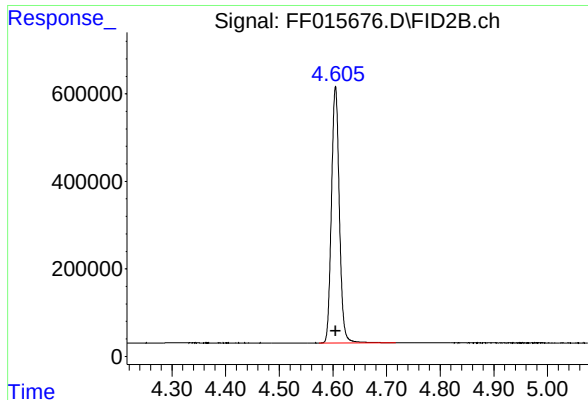
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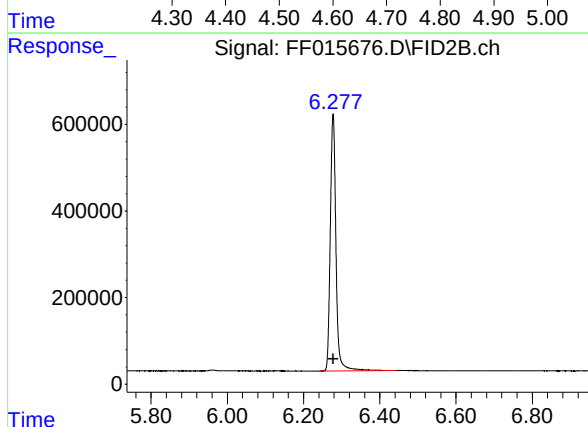




#1 1,2,3-Trimethylbenzene (C10.1)

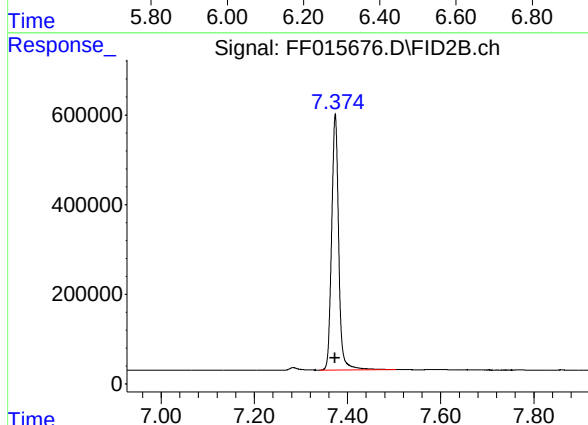
R.T.: 4.605 min  
Delta R.T.: 0.000 min  
Response: 5996027  
Conc: 50.07 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2



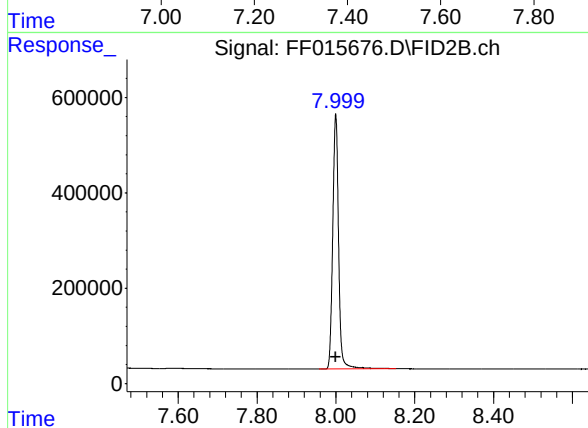
#2 Naphthalene (C11.7)

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 6114395  
Conc: 50.48 ug/ml



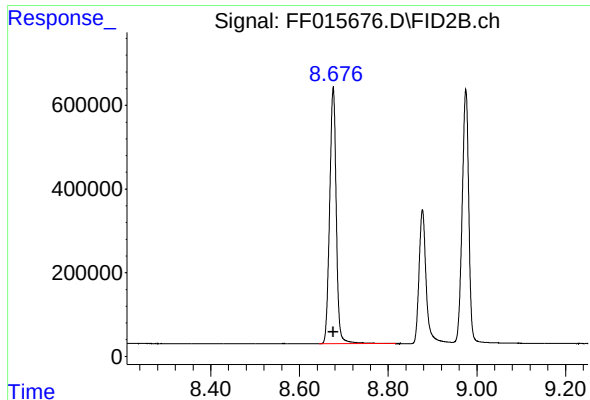
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min  
Delta R.T.: 0.000 min  
Response: 6010843  
Conc: 50.35 ug/ml



#4 2-Bromonaphthalene (SURR)

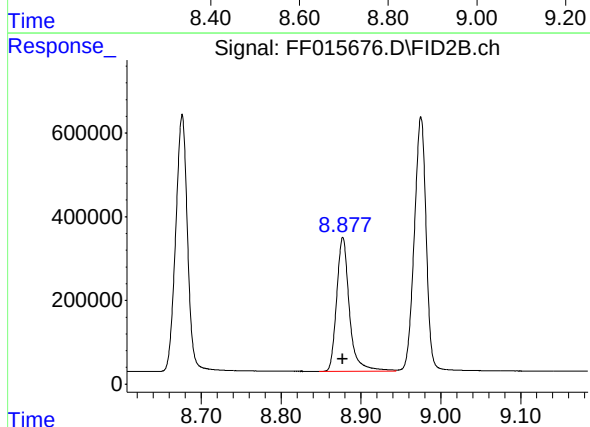
R.T.: 8.000 min  
Delta R.T.: 0.000 min  
Response: 5484460  
Conc: 50.53 ug/ml



#5 Acenaphthylene (C15.06)

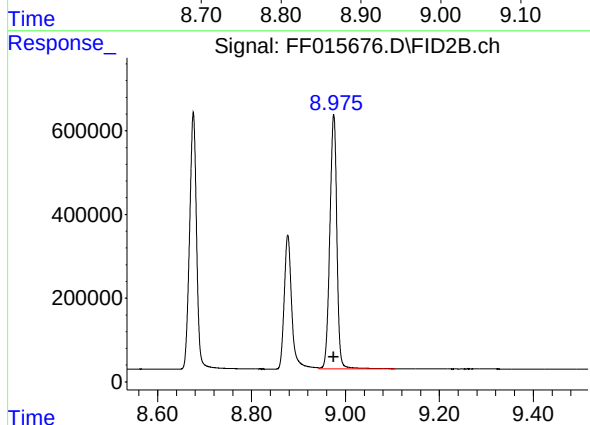
R.T.: 8.676 min  
Delta R.T.: 0.000 min  
Response: 6338189  
Conc: 50.21 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2



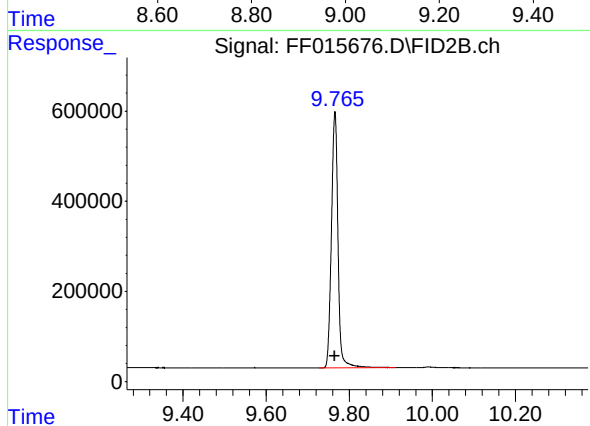
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min  
Delta R.T.: 0.000 min  
Response: 3557434  
Conc: 51.27 ug/ml



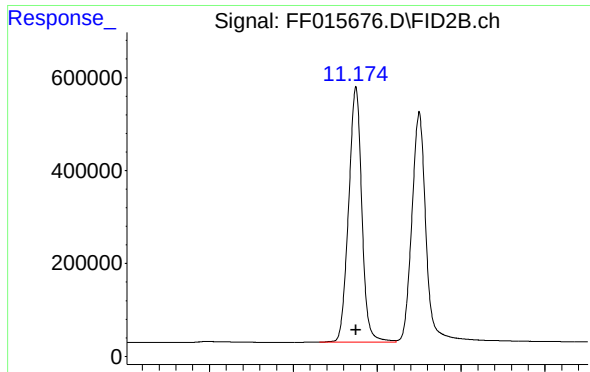
#7 Acenaphthene (C15.5)

R.T.: 8.975 min  
Delta R.T.: 0.000 min  
Response: 6325657  
Conc: 49.97 ug/ml



#8 Fluorene (C16.55)

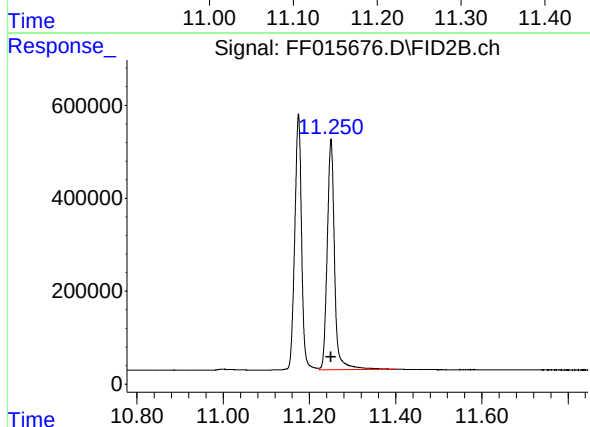
R.T.: 9.765 min  
Delta R.T.: 0.000 min  
Response: 6226083  
Conc: 50.34 ug/ml



#9 Phenanthrene (C19.36)

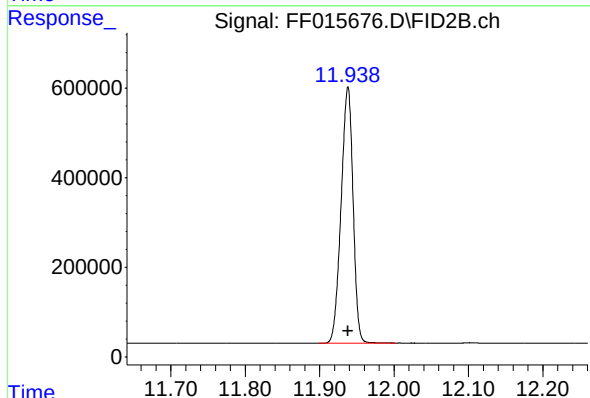
R.T.: 11.175 min  
Delta R.T.: 0.000 min  
Response: 6006827  
Conc: 50.60 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2



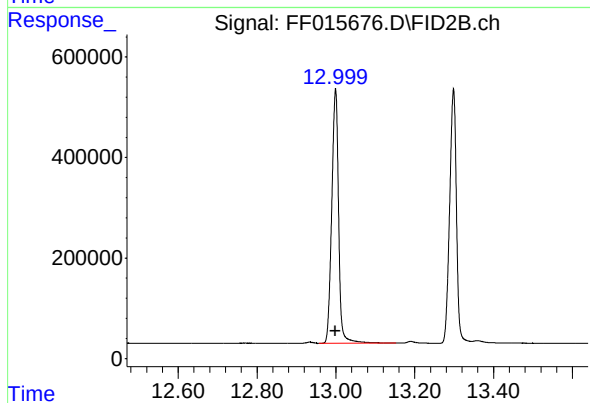
#10 Anthracene (C19.43)

R.T.: 11.250 min  
Delta R.T.: 0.000 min  
Response: 5856932  
Conc: 50.68 ug/ml



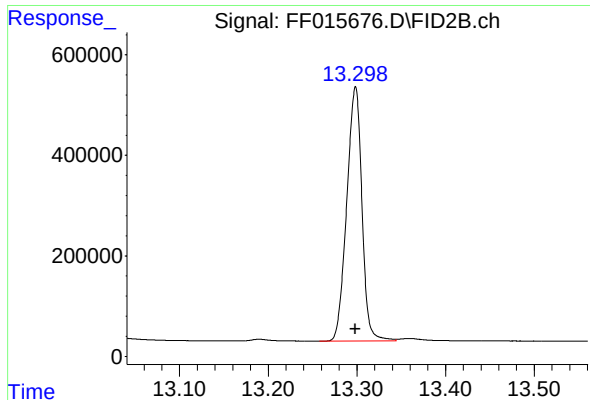
#11 ortho-Terphenyl (SURRE)

R.T.: 11.938 min  
Delta R.T.: 0.000 min  
Response: 6396427  
Conc: 50.07 ug/ml



#12 Fluoranthene (C21.85)

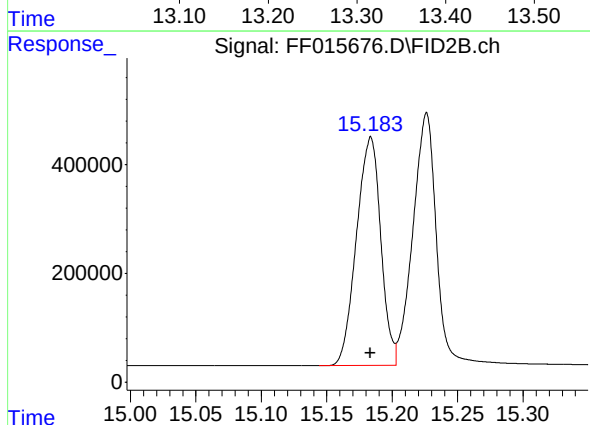
R.T.: 12.999 min  
Delta R.T.: 0.000 min  
Response: 6093084  
Conc: 50.31 ug/ml



#13 Pyrene (C20.8)

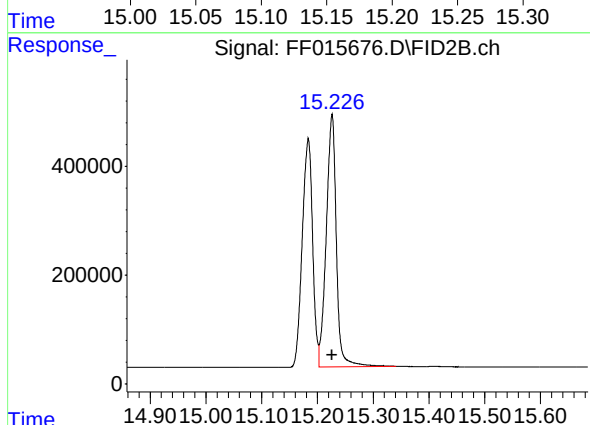
R.T.: 13.298 min  
Delta R.T.: 0.000 min  
Response: 6030005  
Conc: 49.86 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2



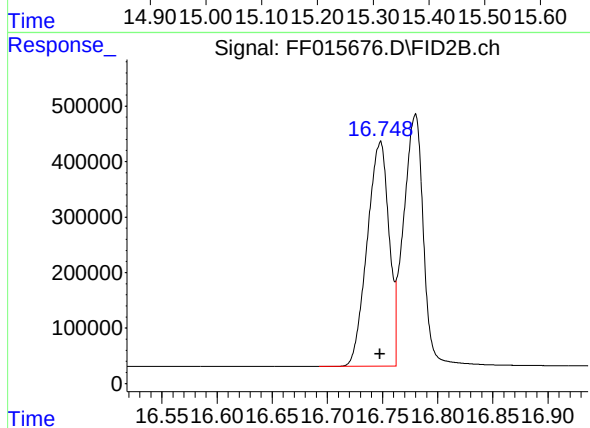
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min  
Delta R.T.: 0.000 min  
Response: 5424277  
Conc: 51.17 ug/ml



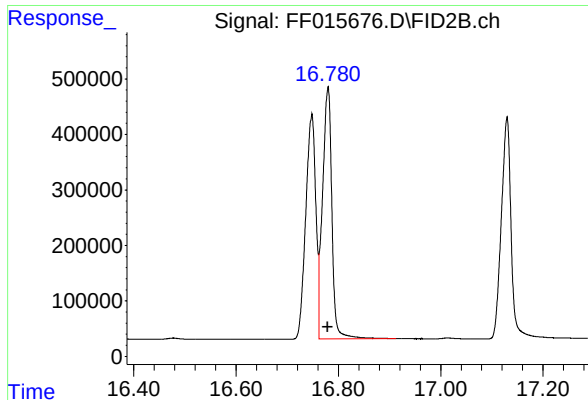
#15 Chrysene (C27.41)

R.T.: 15.226 min  
Delta R.T.: 0.000 min  
Response: 5854227  
Conc: 49.81 ug/ml



#16 benzo[b]fluoranthene (C30.41)

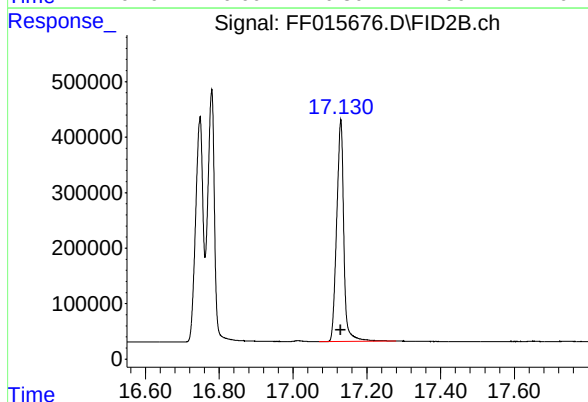
R.T.: 16.748 min  
Delta R.T.: 0.000 min  
Response: 5556418  
Conc: 50.65 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

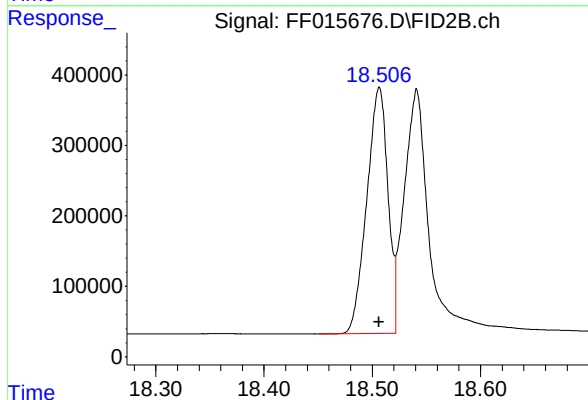
R.T.: 16.779 min  
Delta R.T.: 0.000 min  
Response: 5747701  
Conc: 49.60 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2



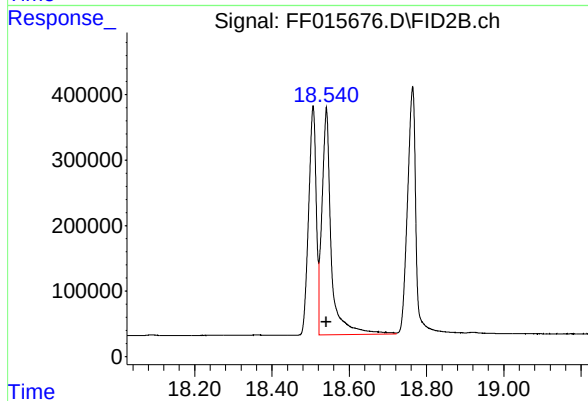
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min  
Delta R.T.: 0.000 min  
Response: 5354081  
Conc: 50.49 ug/ml



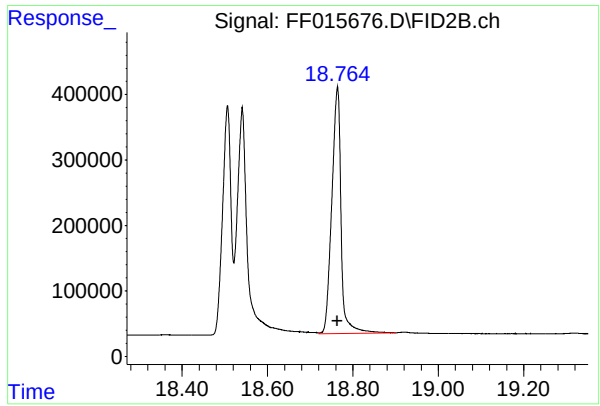
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min  
Delta R.T.: 0.000 min  
Response: 4757220  
Conc: 51.02 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.541 min  
Delta R.T.: 0.000 min  
Response: 5784624  
Conc: 50.23 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.763 min  
Delta R.T.: 0.000 min  
Response: 5653308  
Conc: 50.21 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM AROMATIC HC STD2