

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF112625AR\  
 Data File : FF016823.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Nov 2025 23:11  
 Operator : YP\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 01 08:12:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 112625.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 01 08:08:04 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...      | 8.006  | 556292     | 4.680 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 9.36%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.888  | 303737     | 4.068 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 8.14%       |
| 11) S ortho-Terphenyl (SURR)       | 11.943 | 825204     | 5.548 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 11.10%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.598  | 769575     | 5.563 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.276  | 696123     | 4.978 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.376  | 665399     | 4.676 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.679  | 716034     | 5.125 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.976  | 781384     | 5.358 ug/ml |
| 8) T Flouorene (C16.55)            | 9.771  | 671806     | 4.945 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.177 | 651651     | 4.874 ug/ml |
| 10) T Anthracene (C19.43)          | 11.255 | 681780     | 5.291 ug/ml |
| 12) T Fluoranthene (C21.85)        | 13.001 | 688617     | 5.141 ug/ml |
| 13) T Pyrene (C20.8)               | 13.297 | 713089     | 5.296 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.185 | 492611     | 4.369 ug/ml |
| 15) T Chrysene (C27.41)            | 15.225 | 827361     | 5.999 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.747 | 608979     | 4.996 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.778 | 779028     | 6.021 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.134 | 643706     | 5.212 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.510 | 406082     | 3.910 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.546 | 1066641    | 6.713 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.760 | 676973     | 5.193 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

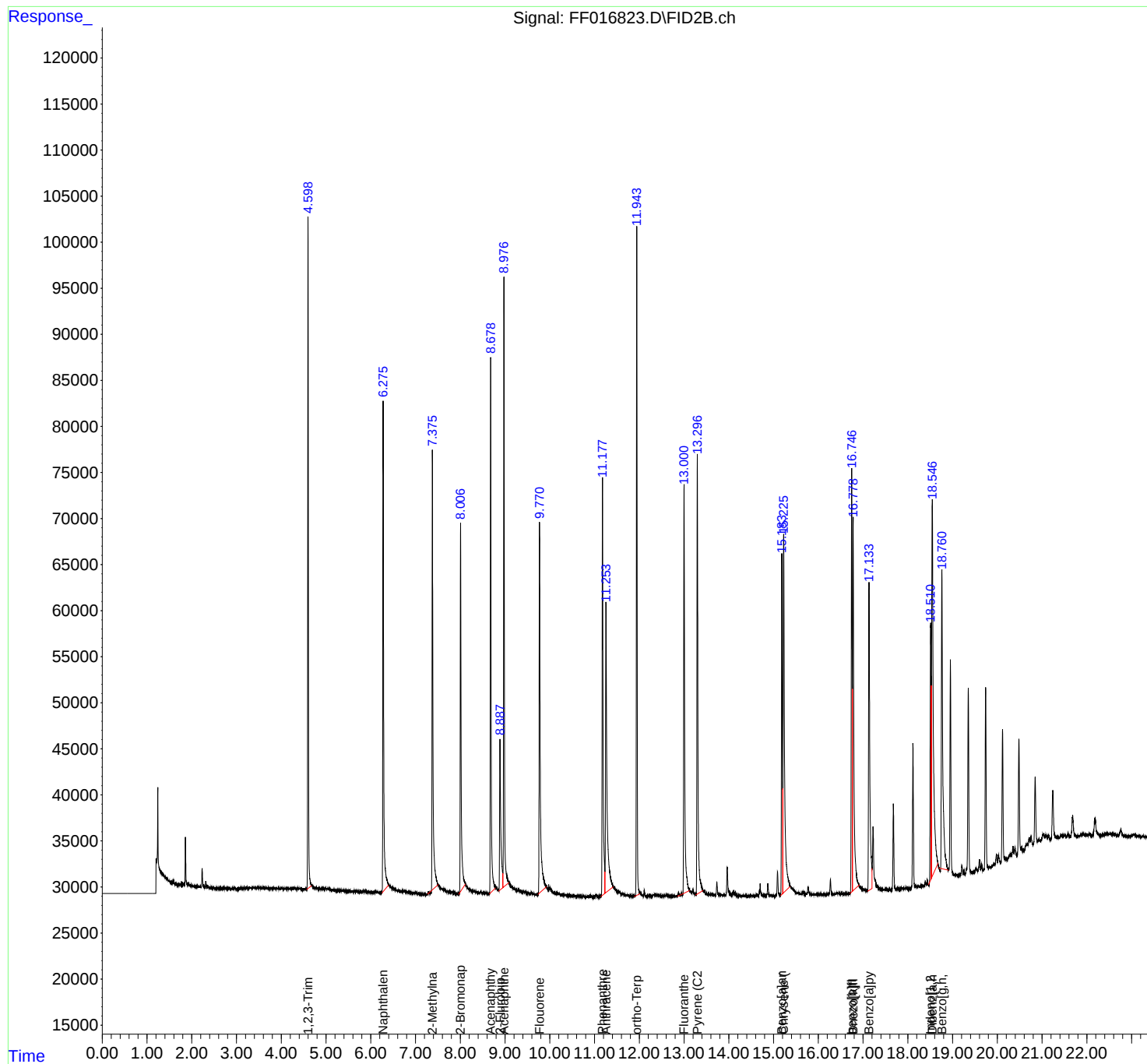
(m)=manual int.

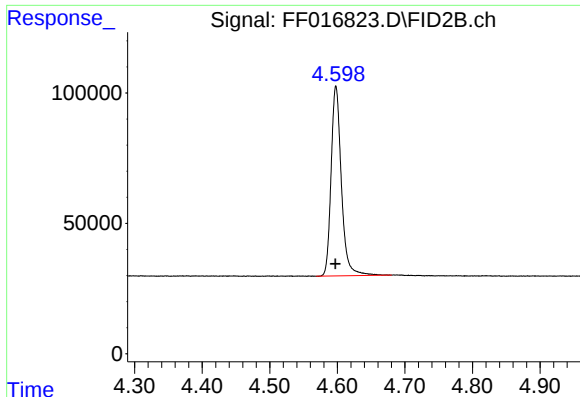
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Volume Inj. : 1 µl  
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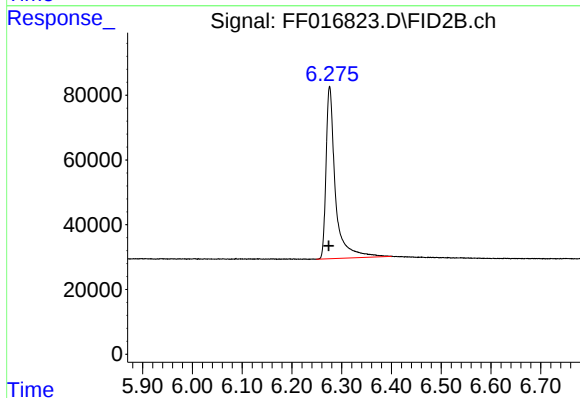




#1 1,2,3-Trimethylbenzene (C10.1)

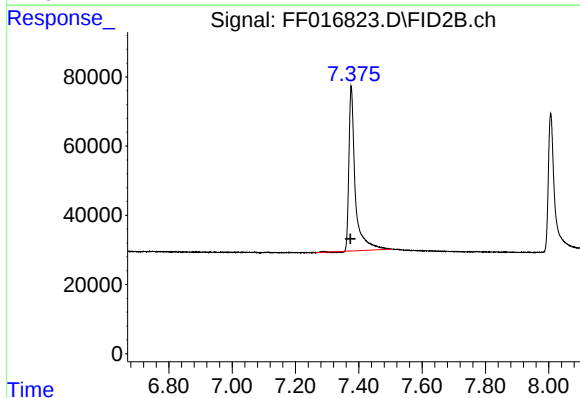
R.T.: 4.598 min  
Delta R.T.: 0.001 min  
Response: 769575  
Conc: 5.56 ug/ml

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



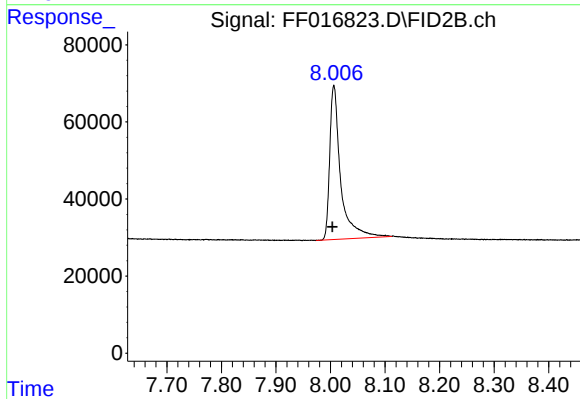
#2 Naphthalene (C11.7)

R.T.: 6.276 min  
Delta R.T.: 0.002 min  
Response: 696123  
Conc: 4.98 ug/ml



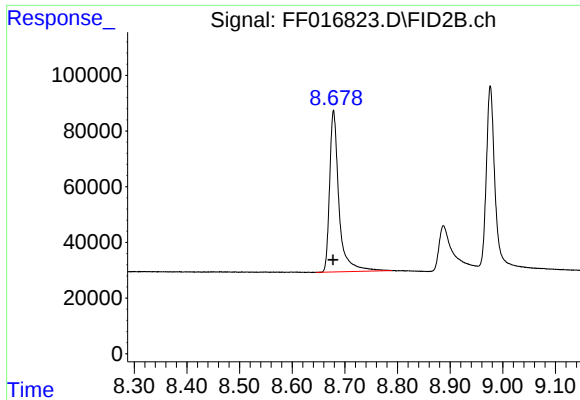
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.376 min  
Delta R.T.: 0.003 min  
Response: 665399  
Conc: 4.68 ug/ml



#4 2-Bromonaphthalene (SURR)

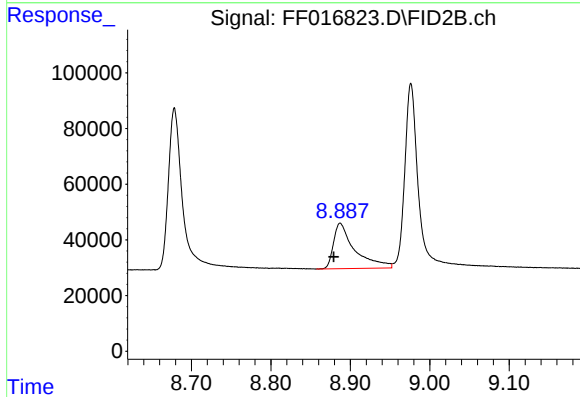
R.T.: 8.006 min  
Delta R.T.: 0.003 min  
Response: 556292  
Conc: 4.68 ug/ml



#5 Acenaphthylene (C15.06)

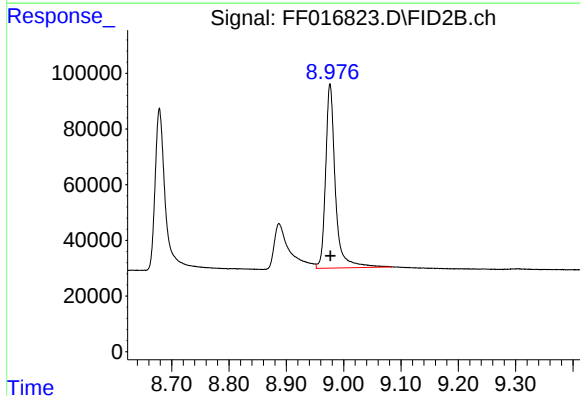
R.T.: 8.679 min  
Delta R.T.: 0.001 min  
Response: 716034  
Conc: 5.12 ug/ml

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



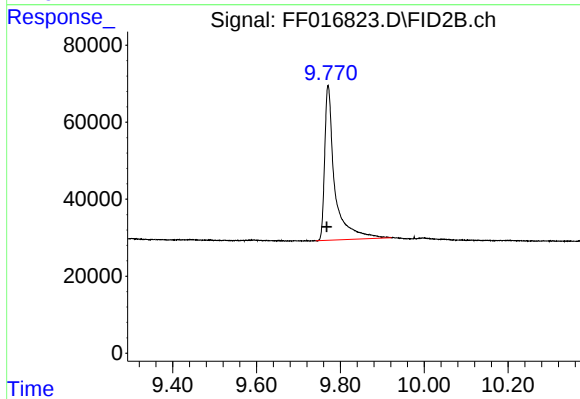
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.888 min  
Delta R.T.: 0.008 min  
Response: 303737  
Conc: 4.07 ug/ml



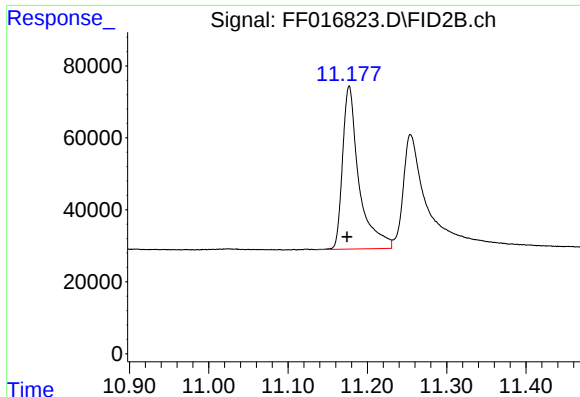
#7 Acenaphthene (C15.5)

R.T.: 8.976 min  
Delta R.T.: 0.000 min  
Response: 781384  
Conc: 5.36 ug/ml



#8 Flouorene (C16.55)

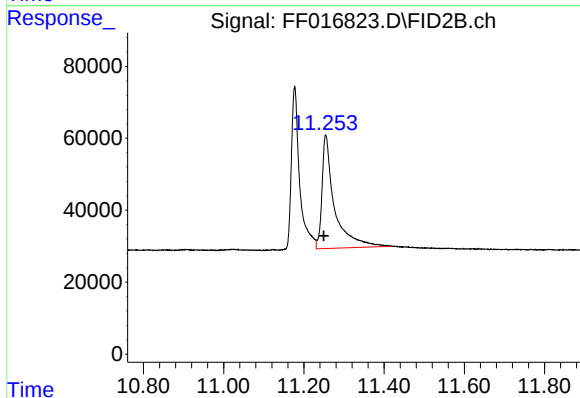
R.T.: 9.771 min  
Delta R.T.: 0.003 min  
Response: 671806  
Conc: 4.94 ug/ml



#9 Phenanthrene (C19.36)

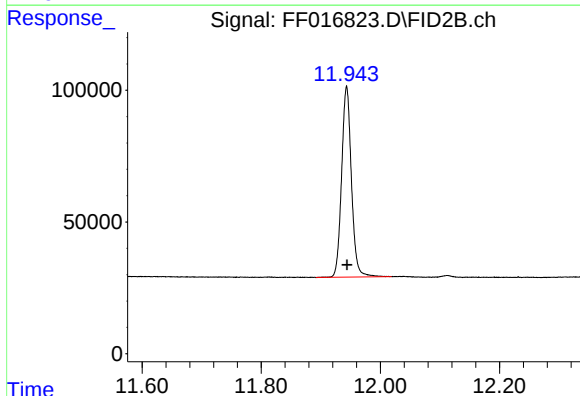
R.T.: 11.177 min  
Delta R.T.: 0.003 min  
Response: 651651  
Conc: 4.87 ug/ml

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



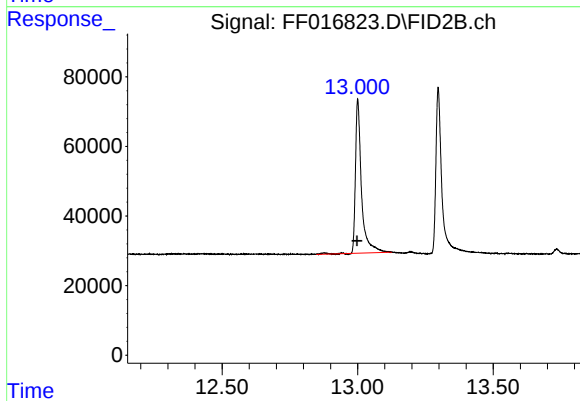
#10 Anthracene (C19.43)

R.T.: 11.255 min  
Delta R.T.: 0.005 min  
Response: 681780  
Conc: 5.29 ug/ml



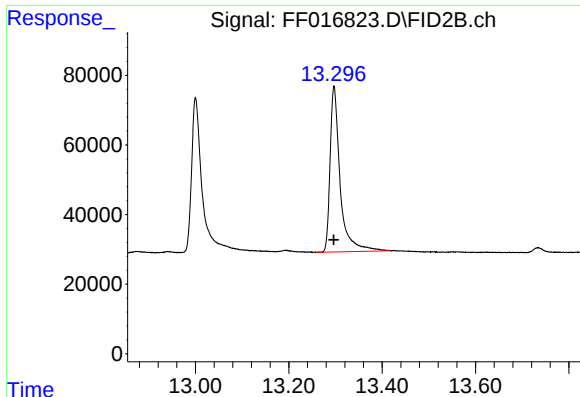
#11 ortho-Terphenyl (SURR)

R.T.: 11.943 min  
Delta R.T.: 0.000 min  
Response: 825204  
Conc: 5.55 ug/ml



#12 Fluoranthene (C21.85)

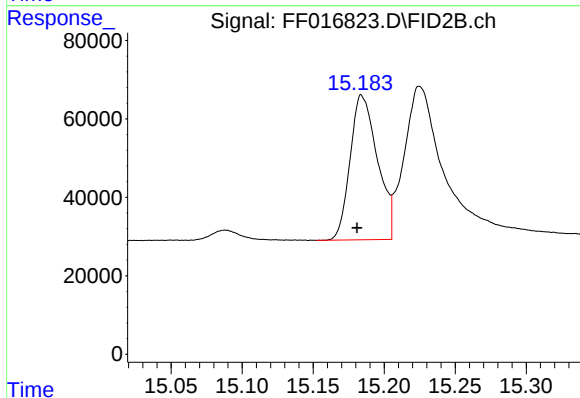
R.T.: 13.001 min  
Delta R.T.: 0.003 min  
Response: 688617  
Conc: 5.14 ug/ml



#13 Pyrene (C20.8)

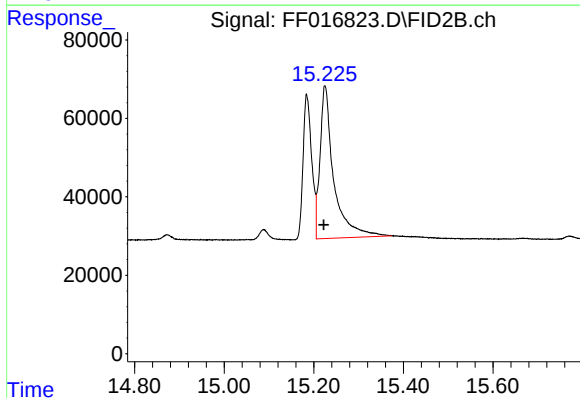
R.T.: 13.297 min  
Delta R.T.: 0.000 min  
Response: 713089  
Conc: 5.30 ug/ml

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



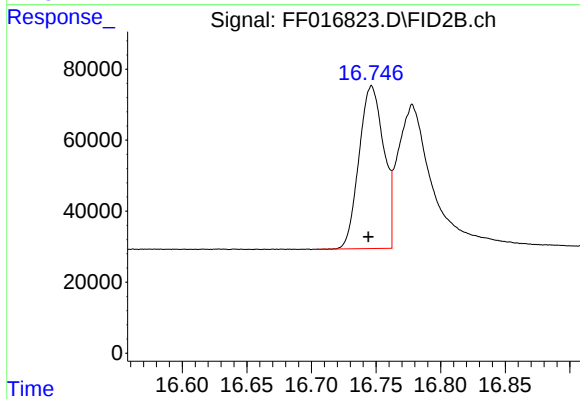
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.185 min  
Delta R.T.: 0.004 min  
Response: 492611  
Conc: 4.37 ug/ml



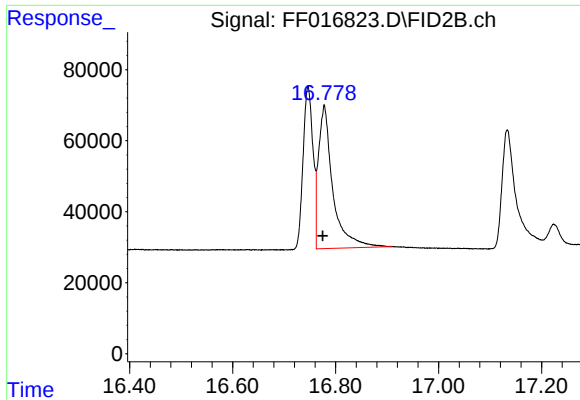
#15 Chrysene (C27.41)

R.T.: 15.225 min  
Delta R.T.: 0.003 min  
Response: 827361  
Conc: 6.00 ug/ml



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

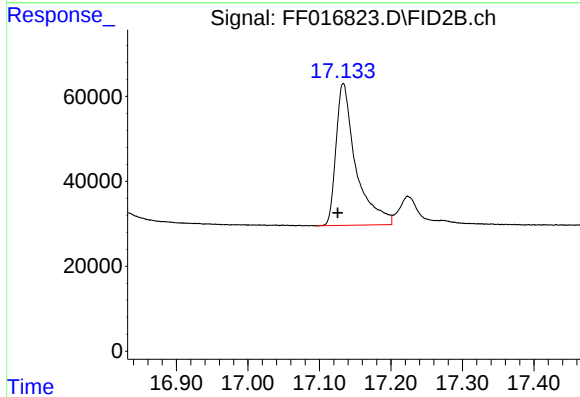
R.T.: 16.747 min  
Delta R.T.: 0.002 min  
Response: 608979  
Conc: 5.00 ug/ml



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

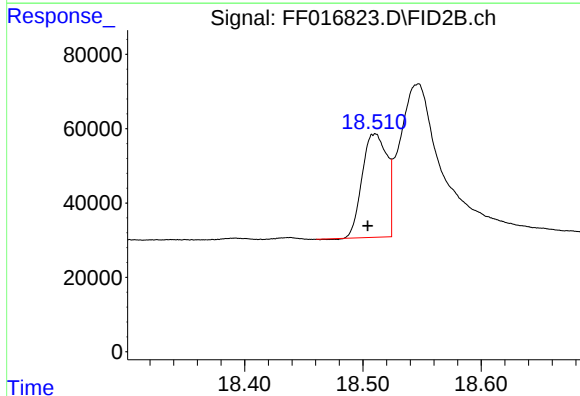
R.T.: 16.778 min  
Delta R.T.: 0.003 min  
Response: 779028  
Conc: 6.02 ug/ml

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



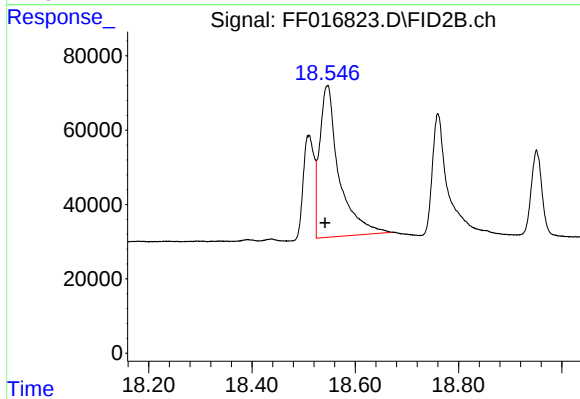
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.134 min  
Delta R.T.: 0.008 min  
Response: 643706  
Conc: 5.21 ug/ml



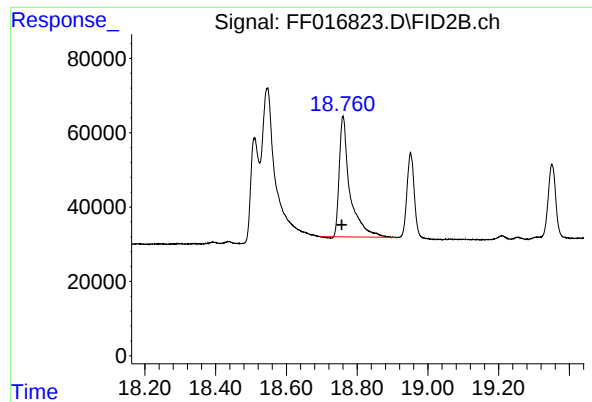
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min  
Delta R.T.: 0.006 min  
Response: 406082  
Conc: 3.91 ug/ml



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

R.T.: 18.546 min  
Delta R.T.: 0.005 min  
Response: 1066641  
Conc: 6.71 ug/ml



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

R.T.: 18.760 min  
Delta R.T.: 0.003 min  
Response: 676973  
Conc: 5.19 ug/ml

Instrument :

FID\_F

ClientSampleId :

5 PPM AROMATIC HC STD5