

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040725AR\  
 Data File : FD049235.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2025 18:08  
 Operator : YP/AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Apr 08 05:16:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 05:14:19 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...      | 7.752  | 1560147    | 10.793 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.59%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.619  | 1061115    | 10.585 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 21.17%       |
| 11) S ortho-Terphenyl (SURR)       | 11.661 | 1864734    | 10.735 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.47%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.544  | 1610580    | 11.019 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.090  | 1739642    | 10.910 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.143  | 1704852    | 10.804 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.422  | 1868459    | 10.822 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.717  | 1816321    | 10.777 ug/ml |
| 8) T Fluorene (C16.55)             | 9.498  | 1825557    | 10.659 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.896 | 1804994    | 10.590 ug/ml |
| 10) T Anthracene (C19.43)          | 10.971 | 1640438    | 10.498 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.709 | 1801364    | 10.652 ug/ml |
| 13) T Pyrene (C20.8)               | 13.007 | 1795399    | 10.730 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.875 | 1519209    | 10.524 ug/ml |
| 15) T Chrysene (C27.41)            | 14.917 | 1529224    | 10.558 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.424 | 1472368    | 10.592 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.455 | 1451197    | 10.583 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.802 | 1379540    | 10.624 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.164 | 1290021    | 10.584 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.204 | 1354099    | 10.672 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.419 | 1382478    | 10.630 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

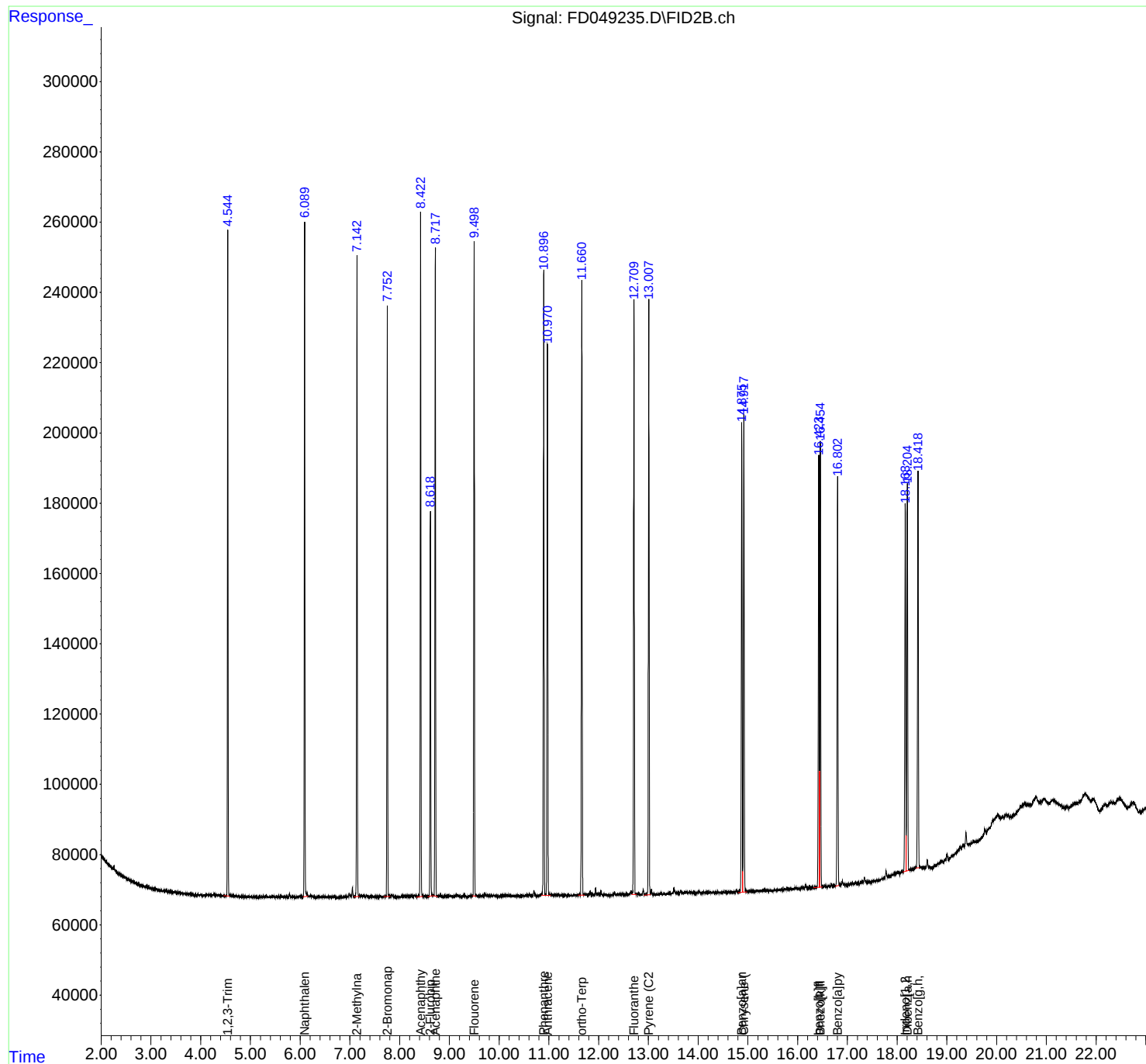
(m)=manual int.

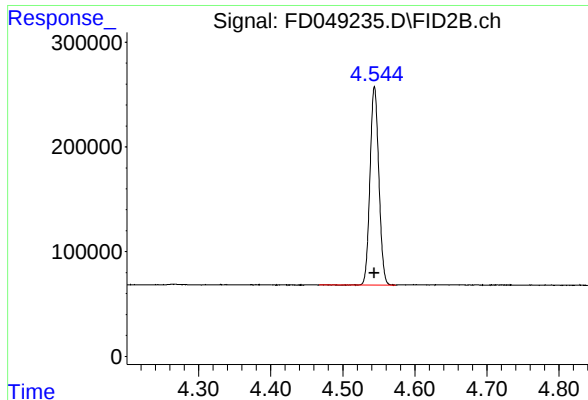
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040725AR\  
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Signal(s) : FID2B.ch  
Acq On : 07 Apr 2025 18:08  
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Volume Inj. : 1 µl  
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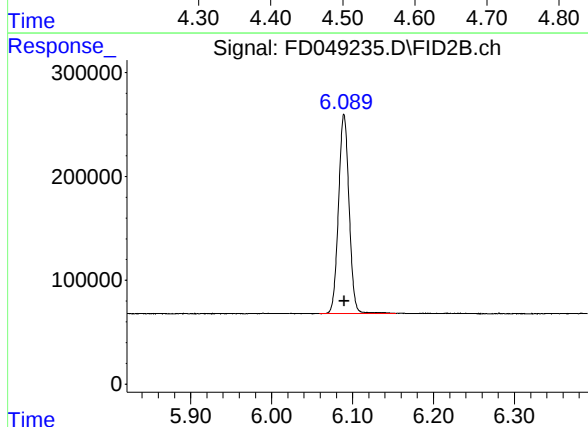




#1 1,2,3-Trimethylbenzene (C10.1)

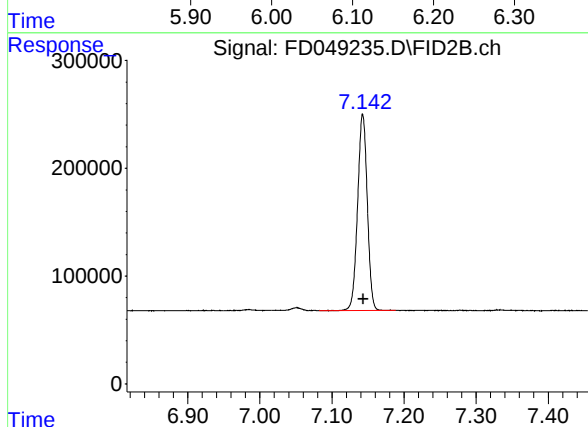
R.T.: 4.544 min  
Delta R.T.: 0.000 min  
Response: 1610580  
Conc: 11.02 ug/ml

Instrument :  
FID\_D  
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10 PPM AROMATIC HC STD4



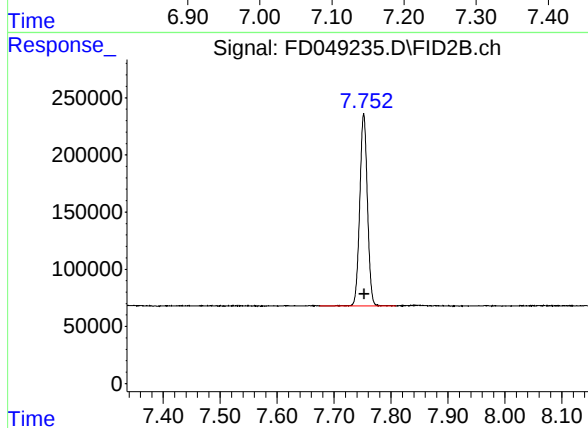
#2 Naphthalene (C11.7)

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 1739642  
Conc: 10.91 ug/ml



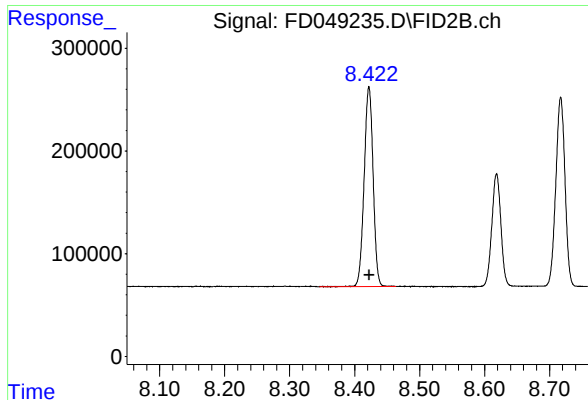
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 1704852  
Conc: 10.80 ug/ml



#4 2-Bromonaphthalene (SURR)

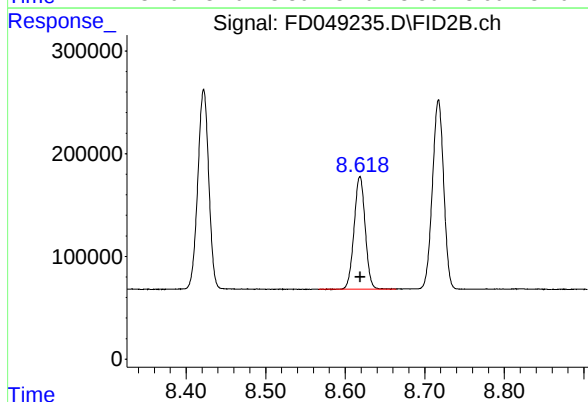
R.T.: 7.752 min  
Delta R.T.: 0.000 min  
Response: 1560147  
Conc: 10.79 ug/ml



#5 Acenaphthylene (C15.06)

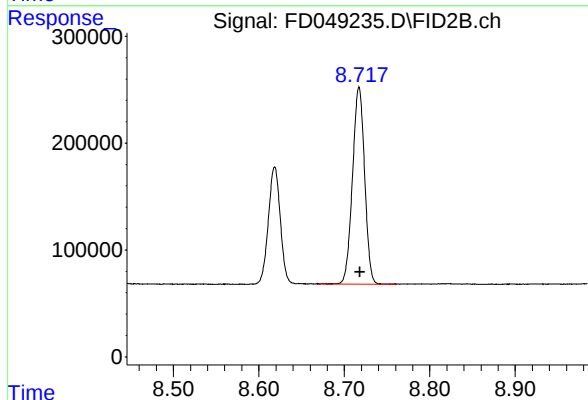
R.T.: 8.422 min  
Delta R.T.: 0.000 min  
Response: 1868459  
Conc: 10.82 ug/ml

Instrument :  
FID\_D  
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10 PPM AROMATIC HC STD4



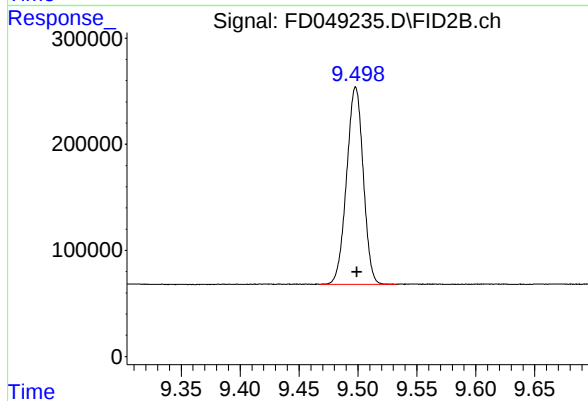
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min  
Delta R.T.: 0.000 min  
Response: 1061115  
Conc: 10.58 ug/ml



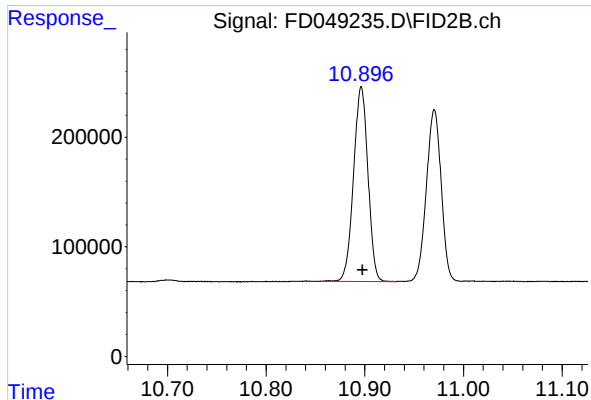
#7 Acenaphthene (C15.5)

R.T.: 8.717 min  
Delta R.T.: -0.001 min  
Response: 1816321  
Conc: 10.78 ug/ml



#8 Flouorene (C16.55)

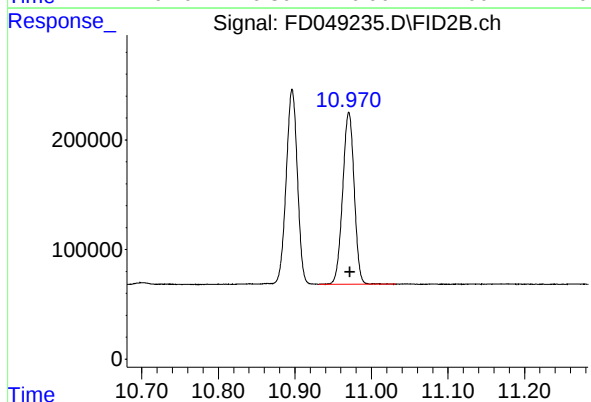
R.T.: 9.498 min  
Delta R.T.: -0.001 min  
Response: 1825557  
Conc: 10.66 ug/ml



#9 Phenanthrene (C19.36)

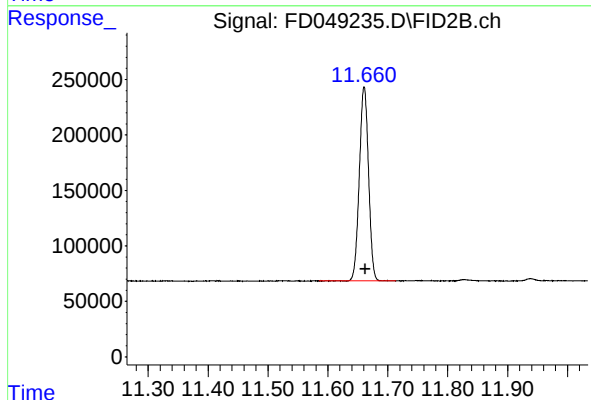
R.T.: 10.896 min  
Delta R.T.: -0.001 min  
Response: 1804994  
Conc: 10.59 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



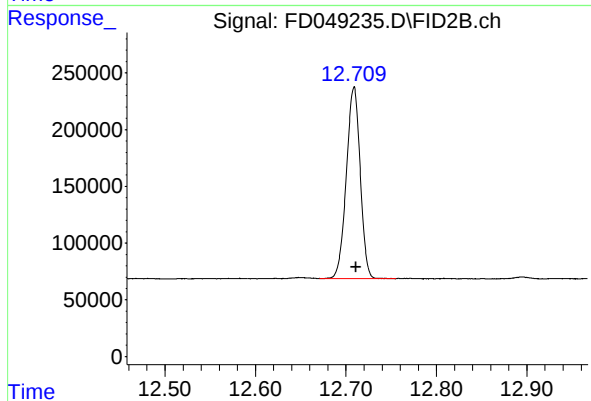
#10 Anthracene (C19.43)

R.T.: 10.971 min  
Delta R.T.: -0.002 min  
Response: 1640438  
Conc: 10.50 ug/ml



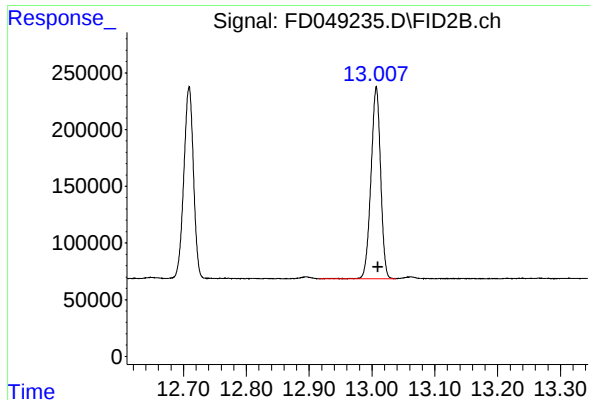
#11 ortho-Terphenyl (SURR)

R.T.: 11.661 min  
Delta R.T.: -0.001 min  
Response: 1864734  
Conc: 10.73 ug/ml



#12 Fluoranthene (C21.85)

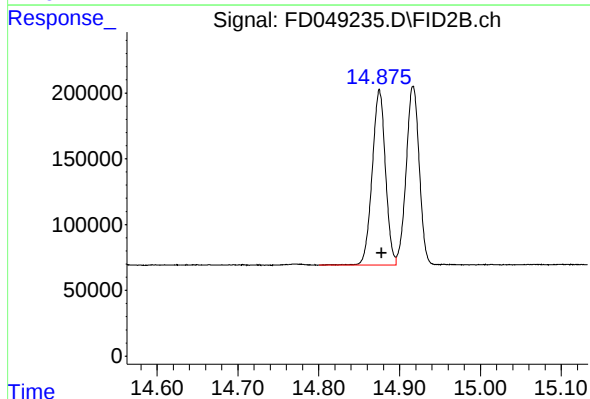
R.T.: 12.709 min  
Delta R.T.: -0.002 min  
Response: 1801364  
Conc: 10.65 ug/ml



#13 Pyrene (C20.8)

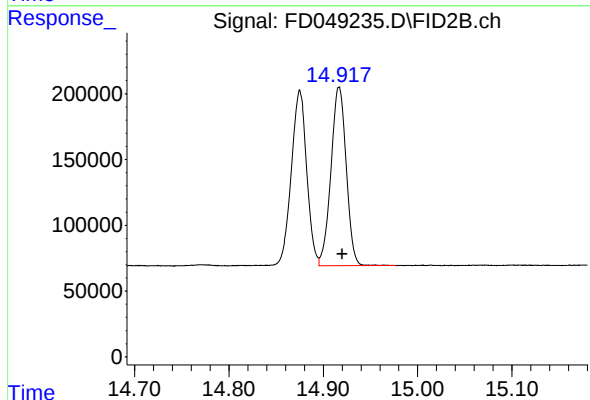
R.T.: 13.007 min  
Delta R.T.: -0.002 min  
Response: 1795399  
Conc: 10.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



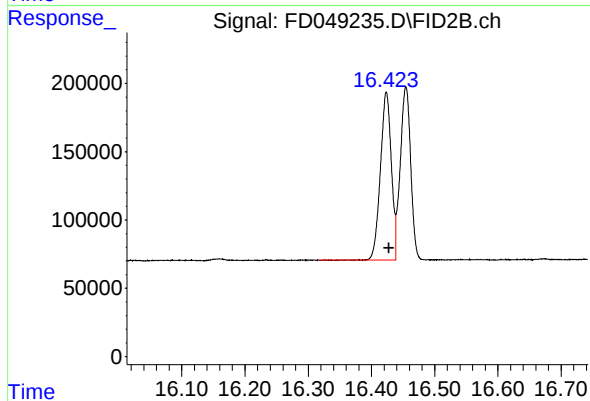
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.875 min  
Delta R.T.: -0.003 min  
Response: 1519209  
Conc: 10.52 ug/ml



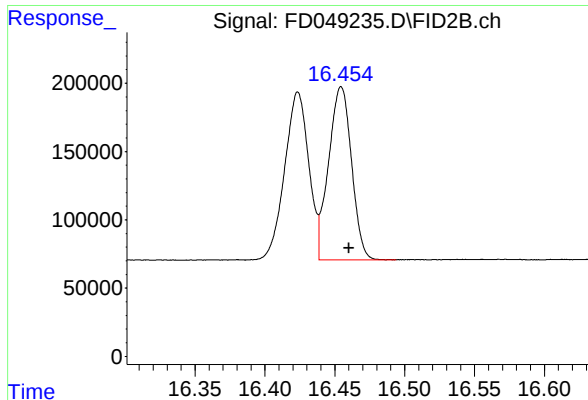
#15 Chrysene (C27.41)

R.T.: 14.917 min  
Delta R.T.: -0.004 min  
Response: 1529224  
Conc: 10.56 ug/ml



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

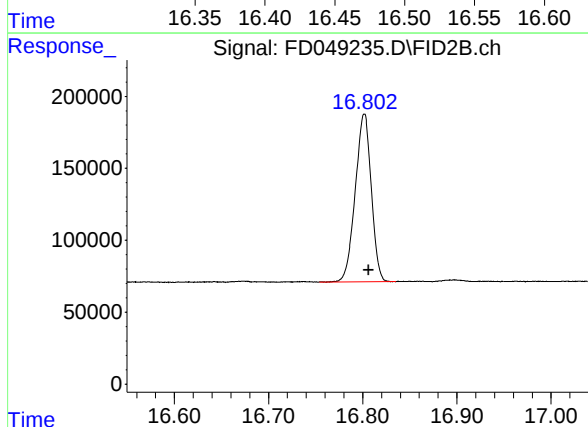
R.T.: 16.424 min  
Delta R.T.: -0.004 min  
Response: 1472368  
Conc: 10.59 ug/ml



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

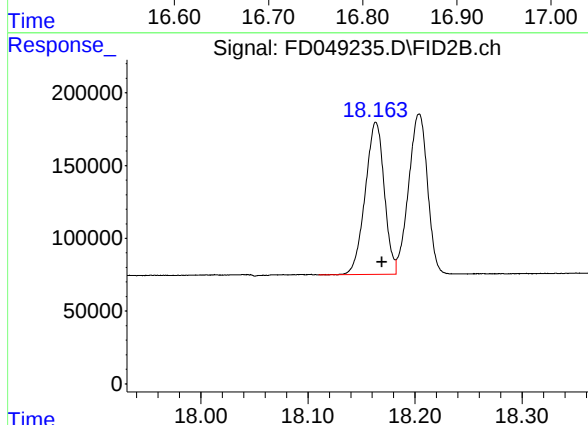
R.T.: 16.455 min  
Delta R.T.: -0.005 min  
Response: 1451197  
Conc: 10.58 ug/ml

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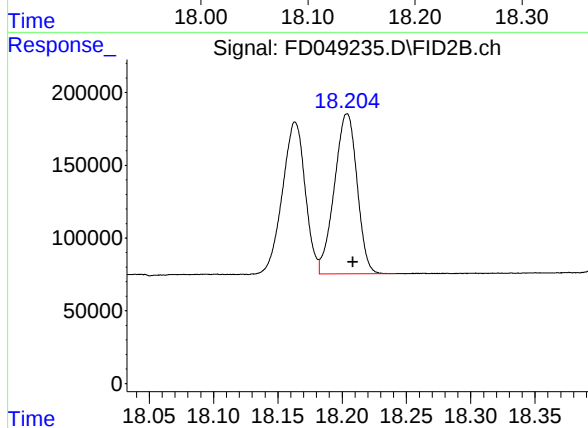
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.802 min  
Delta R.T.: -0.005 min  
Response: 1379540  
Conc: 10.62 ug/ml



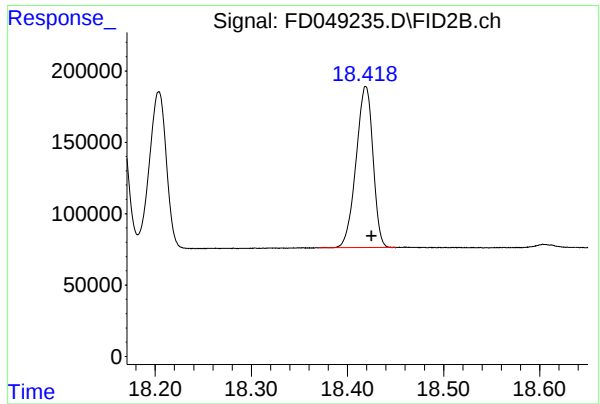
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.164 min  
Delta R.T.: -0.006 min  
Response: 1290021  
Conc: 10.58 ug/ml



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

R.T.: 18.204 min  
Delta R.T.: -0.005 min  
Response: 1354099  
Conc: 10.67 ug/ml



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

R.T.: 18.419 min

Delta R.T.: -0.006 min

Response: 1382478

Conc: 10.63 ug/ml

Instrument :

FID\_D

ClientSampleId :

10 PPM AROMATIC HC STD4