

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092922AR\  
 Data File : FD044007.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Sep 2022 12:35  
 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: Sep 29 18:11:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 14 19:37:45 2022  
 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...      | 7.420  | 2765639    | 21.019 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.04%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.276  | 1669334    | 23.141 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.28%       |
| 11) S ortho-Terphenyl (SURR)       | 11.304 | 3627730    | 19.473 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.228  | 3136601    | 20.871 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.761  | 3130959    | 21.988 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.807  | 3118529    | 21.317 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.076  | 3014268    | 19.534 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.367  | 3403388    | 19.447 ug/ml |
| 8) T Flouorene (C16.55)            | 9.149  | 2975058    | 20.241 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.540 | 2910897    | 20.115 ug/ml |
| 10) T Anthracene (C19.43)          | 10.616 | 2477742    | 16.883 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.343 | 2878022    | 18.764 ug/ml |
| 13) T Pyrene (C20.8)               | 12.637 | 2689148    | 18.077 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.505 | 2265774    | 20.268 ug/ml |
| 15) T Chrysene (C27.41)            | 14.547 | 2834223    | 18.135 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.050 | 2434508    | 20.876 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.080 | 2759582    | 18.587 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.429 | 2288095    | 18.890 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.791 | 2295383    | 24.142 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.828 | 2658831    | 22.133 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.040 | 2509529    | 22.022 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

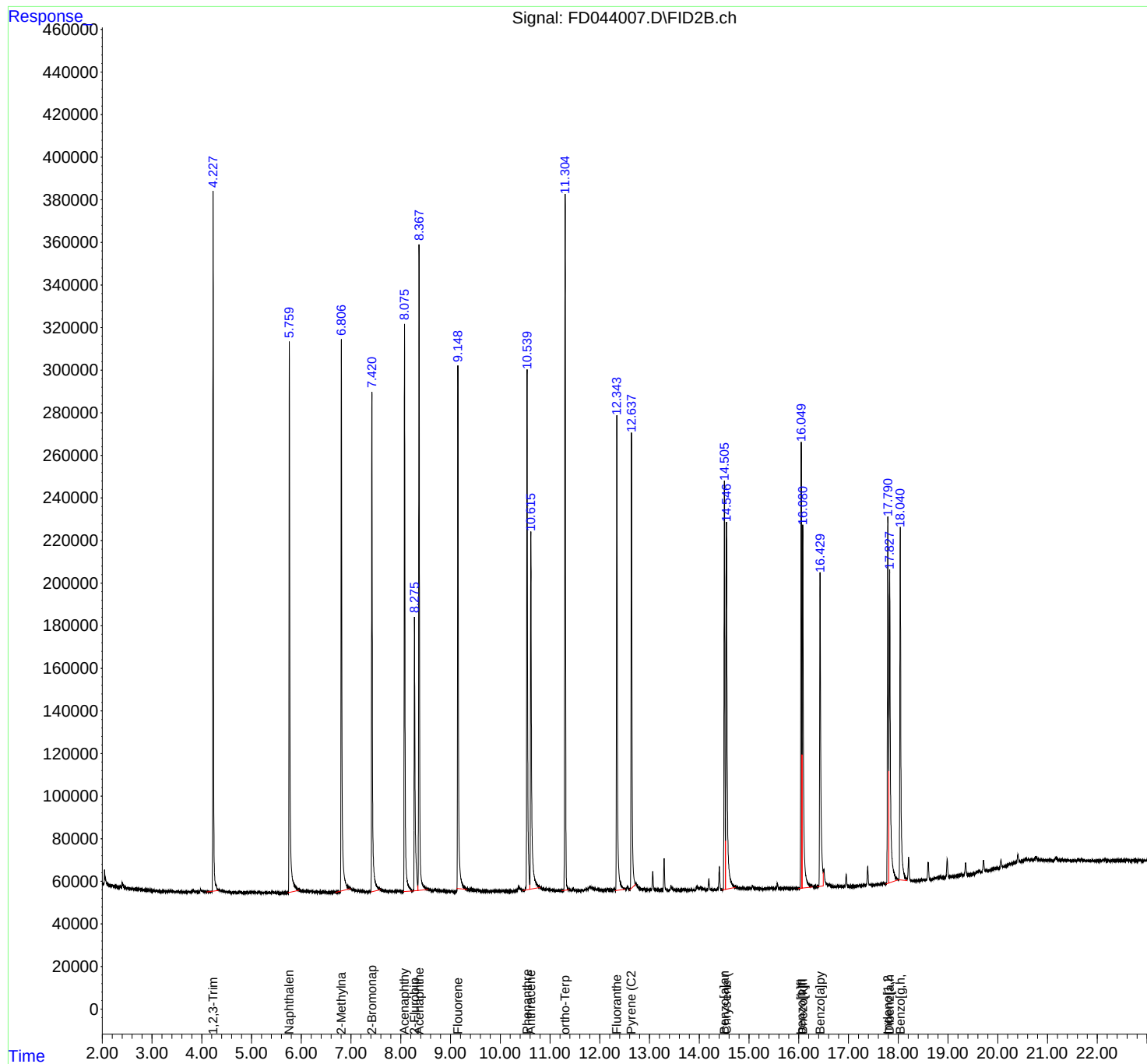
(m)=manual int.

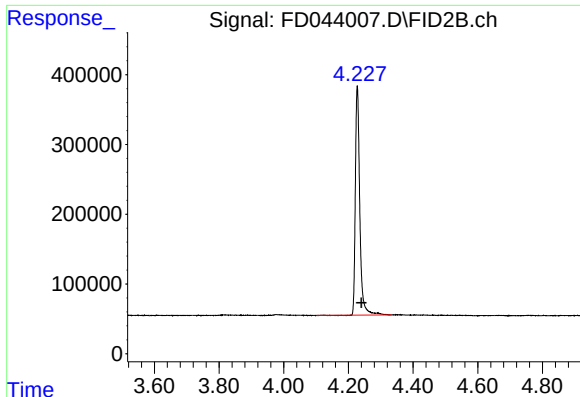
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092922AR\  
Data File : FD044007.D  
Signal(s) : FID2B.ch  
Acq On : 29 Sep 2022 12:35  
Operator : YP/AJ  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

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20 PPM AROMATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 14 19:37:45 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

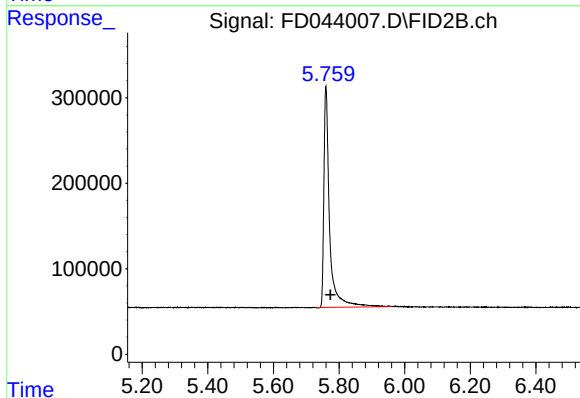




#1 1,2,3-Trimethylbenzene (C10.1)

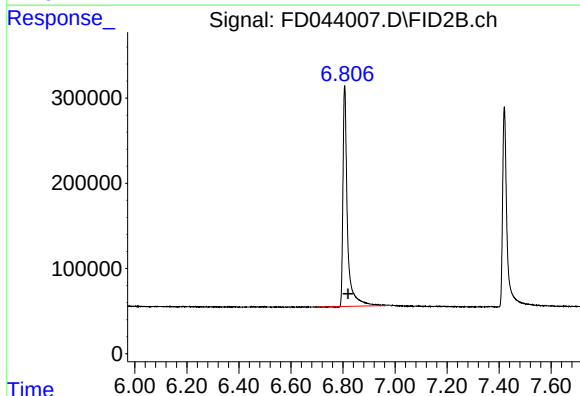
R.T.: 4.228 min  
Delta R.T.: -0.012 min  
Response: 3136601  
Conc: 20.87 ug/ml

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



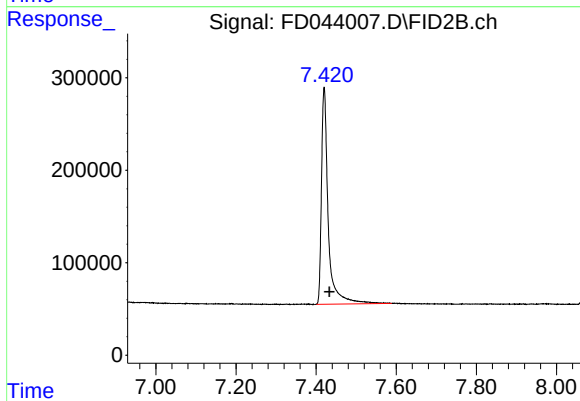
#2 Naphthalene (C11.7)

R.T.: 5.761 min  
Delta R.T.: -0.013 min  
Response: 3130959  
Conc: 21.99 ug/ml



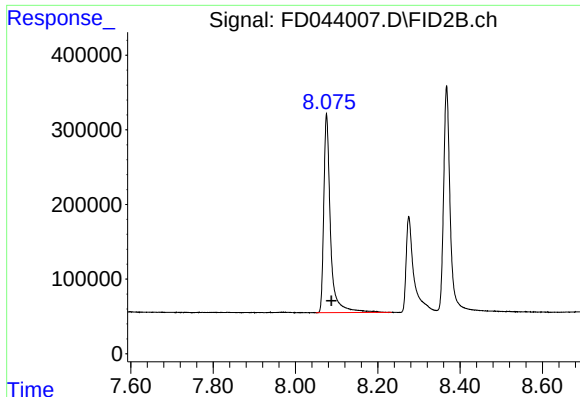
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min  
Delta R.T.: -0.013 min  
Response: 3118529  
Conc: 21.32 ug/ml



#4 2-Bromonaphthalene (SURR)

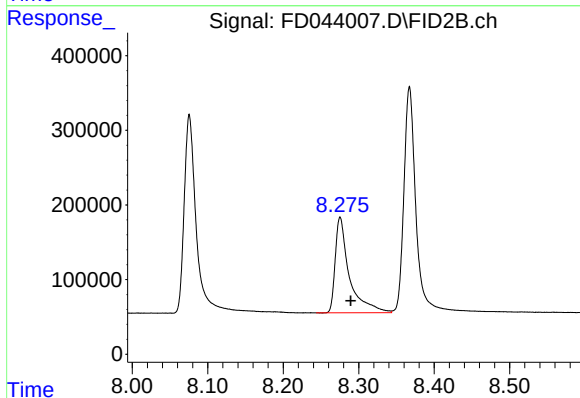
R.T.: 7.420 min  
Delta R.T.: -0.012 min  
Response: 2765639  
Conc: 21.02 ug/ml



#5 Acenaphthylene (C15.06)

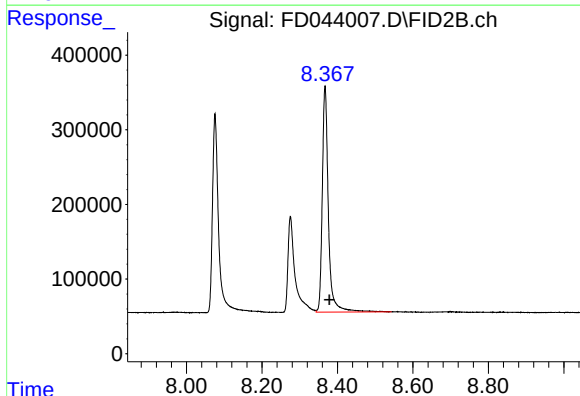
R.T.: 8.076 min  
Delta R.T.: -0.012 min  
Response: 3014268  
Conc: 19.53 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



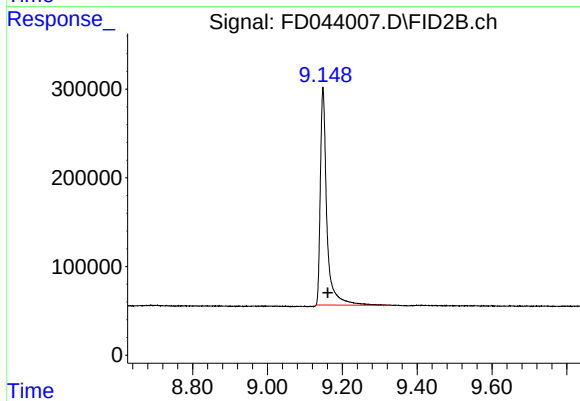
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min  
Delta R.T.: -0.014 min  
Response: 1669334  
Conc: 23.14 ug/ml



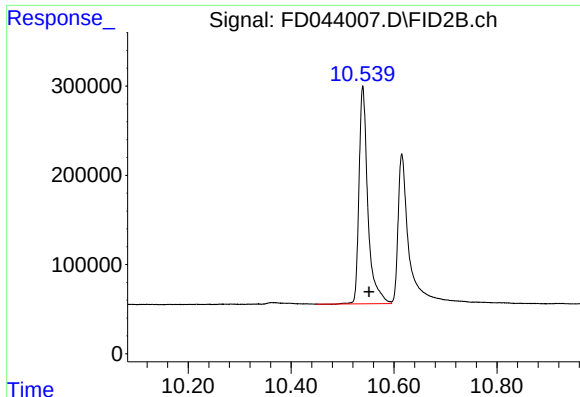
#7 Acenaphthene (C15.5)

R.T.: 8.367 min  
Delta R.T.: -0.011 min  
Response: 3403388  
Conc: 19.45 ug/ml



#8 Fluorene (C16.55)

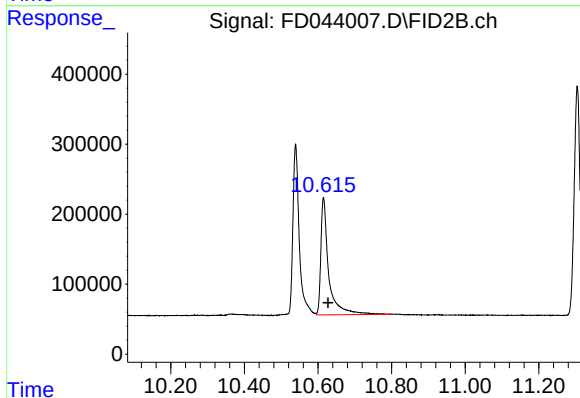
R.T.: 9.149 min  
Delta R.T.: -0.012 min  
Response: 2975058  
Conc: 20.24 ug/ml



#9 Phenanthrene (C19.36)

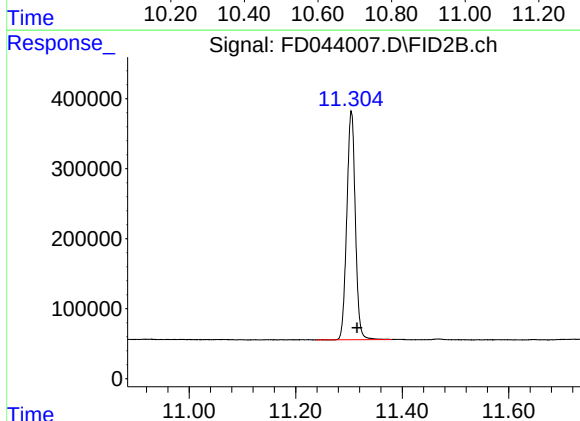
R.T.: 10.540 min  
Delta R.T.: -0.012 min  
Response: 2910897  
Conc: 20.12 ug/ml

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



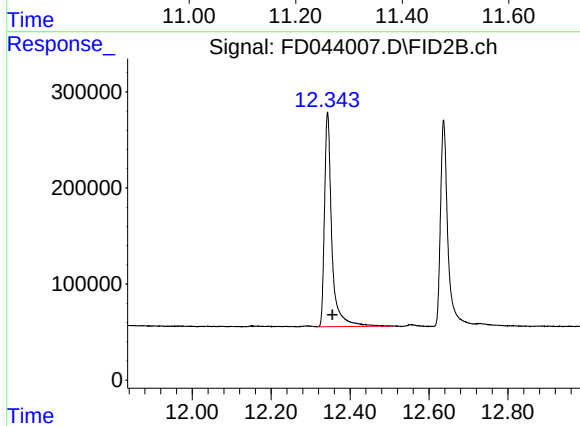
#10 Anthracene (C19.43)

R.T.: 10.616 min  
Delta R.T.: -0.012 min  
Response: 2477742  
Conc: 16.88 ug/ml



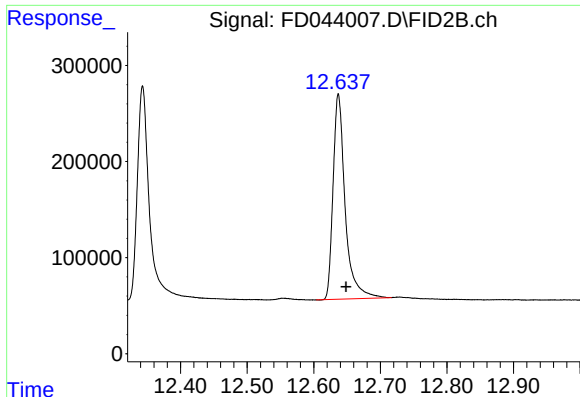
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min  
Delta R.T.: -0.010 min  
Response: 3627730  
Conc: 19.47 ug/ml



#12 Fluoranthene (C21.85)

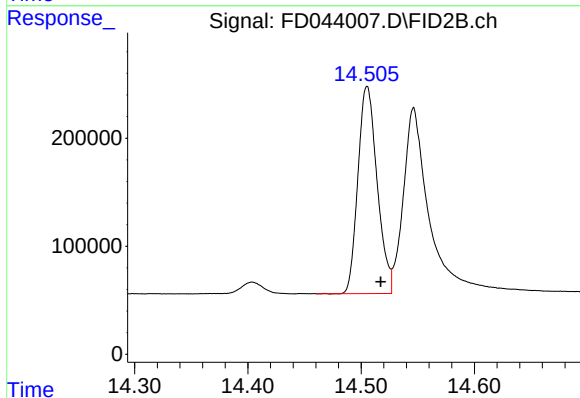
R.T.: 12.343 min  
Delta R.T.: -0.012 min  
Response: 2878022  
Conc: 18.76 ug/ml



#13 Pyrene (C20.8)

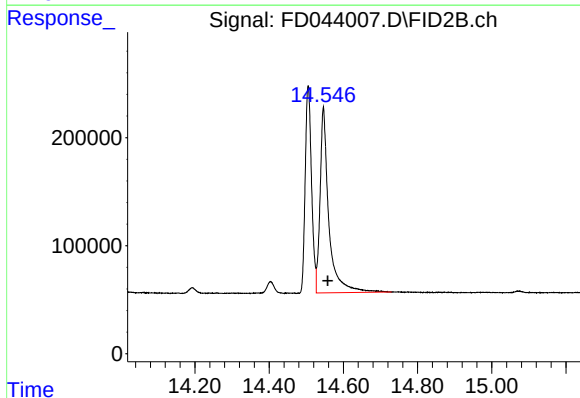
R.T.: 12.637 min  
Delta R.T.: -0.011 min  
Response: 2689148  
Conc: 18.08 ug/ml

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



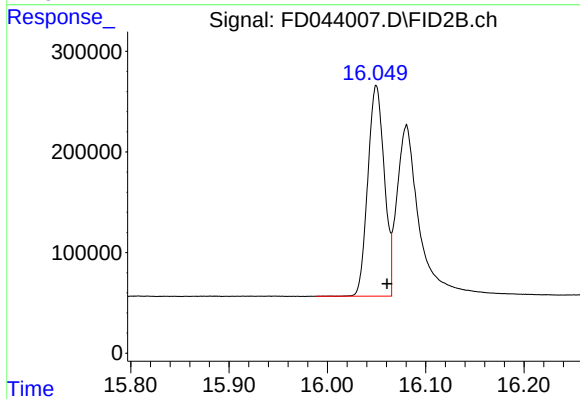
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min  
Delta R.T.: -0.012 min  
Response: 2265774  
Conc: 20.27 ug/ml



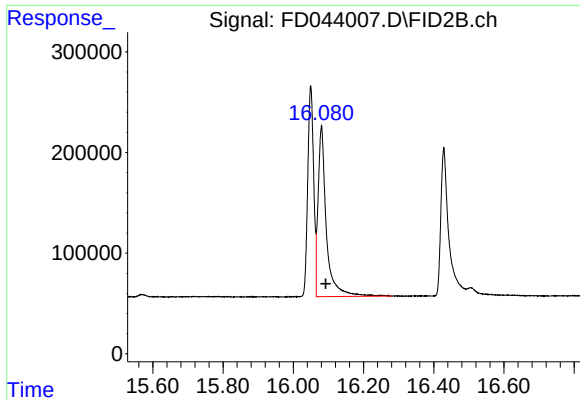
#15 Chrysene (C27.41)

R.T.: 14.547 min  
Delta R.T.: -0.012 min  
Response: 2834223  
Conc: 18.14 ug/ml



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

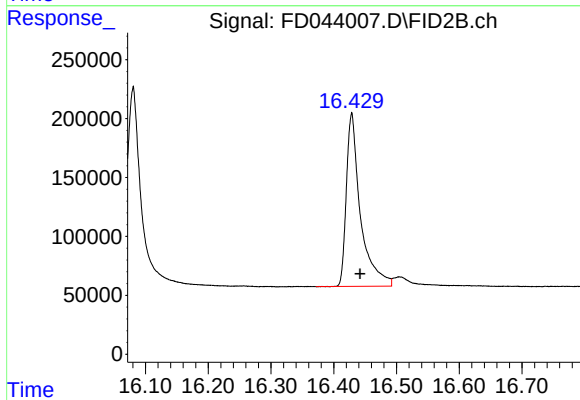
R.T.: 16.050 min  
Delta R.T.: -0.011 min  
Response: 2434508  
Conc: 20.88 ug/ml



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

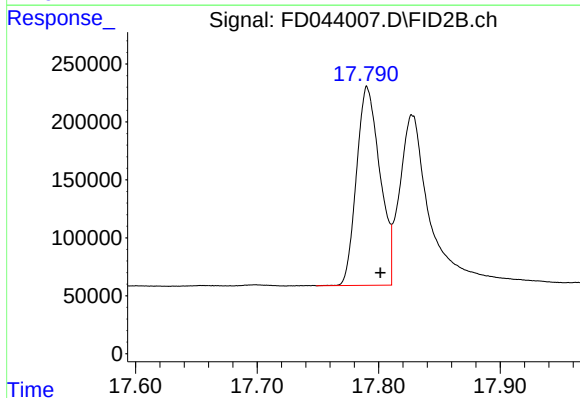
R.T.: 16.080 min  
Delta R.T.: -0.012 min  
Response: 2759582  
Conc: 18.59 ug/ml

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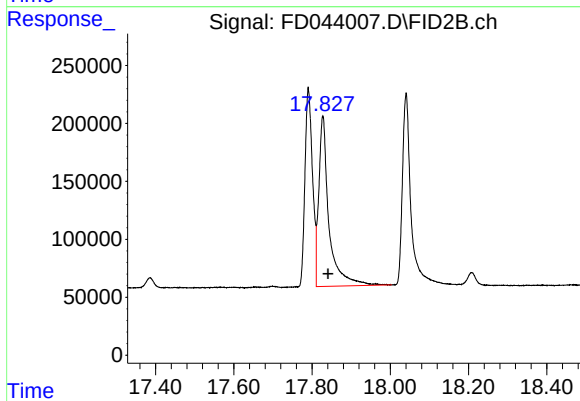
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min  
Delta R.T.: -0.013 min  
Response: 2288095  
Conc: 18.89 ug/ml



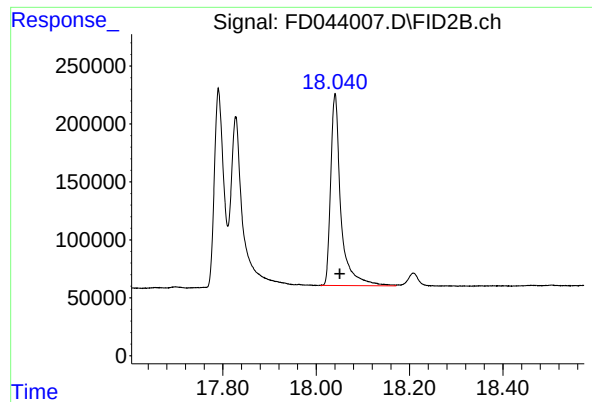
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min  
Delta R.T.: -0.011 min  
Response: 2295383  
Conc: 24.14 ug/ml



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

R.T.: 17.828 min  
Delta R.T.: -0.013 min  
Response: 2658831  
Conc: 22.13 ug/ml



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

R.T.: 18.040 min  
Delta R.T.: -0.010 min  
Response: 2509529  
Conc: 22.02 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD