

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052324AR\  
 Data File : FD047835.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 May 2024 22:50  
 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: May 24 04:14:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 21 19:00:48 2024  
 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...      | 7.454  | 3284368    | 23.394 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.79%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.307  | 2171282    | 23.445 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.89%       |
| 11) S ortho-Terphenyl (SURR)       | 11.348 | 3697593    | 23.126 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.25%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.266  | 3662871    | 23.192 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.791  | 3802445    | 23.295 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.841  | 3845417    | 23.337 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.110  | 3764045    | 23.029 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.405  | 3792470    | 23.227 ug/ml |
| 8) T Fluorene (C16.55)             | 9.184  | 3647303    | 23.185 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.574 | 3580767    | 23.221 ug/ml |
| 10) T Anthracene (C19.43)          | 10.650 | 3428655    | 22.807 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.381 | 3453826    | 22.759 ug/ml |
| 13) T Pyrene (C20.8)               | 12.675 | 3414446    | 22.649 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.545 | 3119569    | 22.757 ug/ml |
| 15) T Chrysene (C27.41)            | 14.587 | 3252960    | 22.081 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.094 | 3156950    | 22.431 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.125 | 3014530    | 22.136 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.470 | 3100141    | 22.397 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.833 | 2687648    | 23.314 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.873 | 3063124    | 22.971 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.085 | 2997076    | 22.536 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

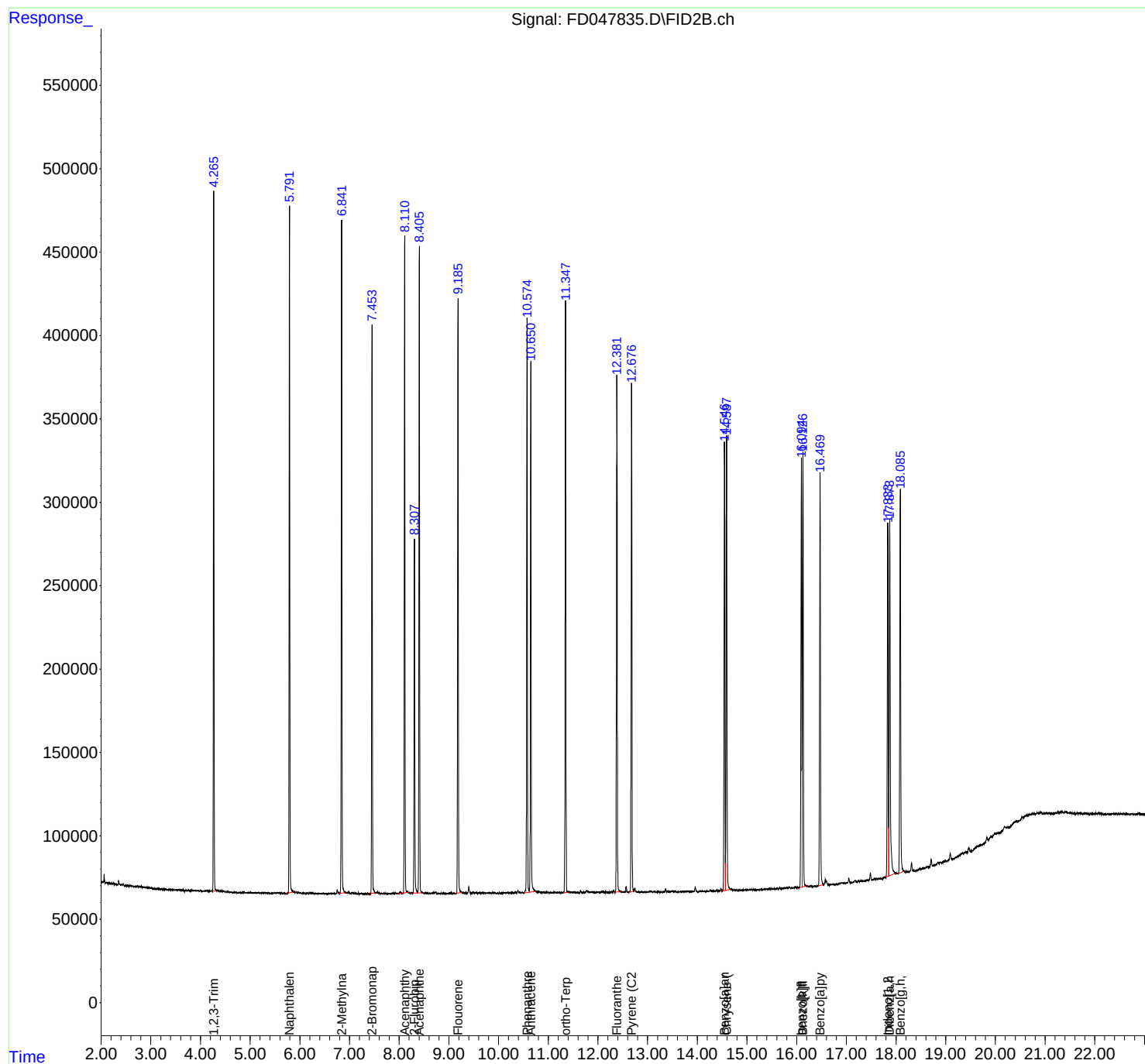
(m)=manual int.

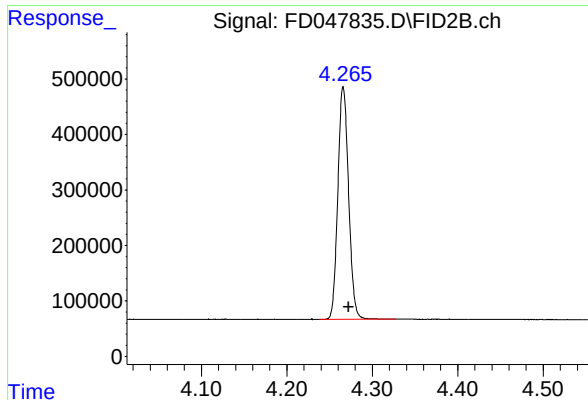
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052324AR\  
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QLast Update : Tue May 21 19:00:48 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

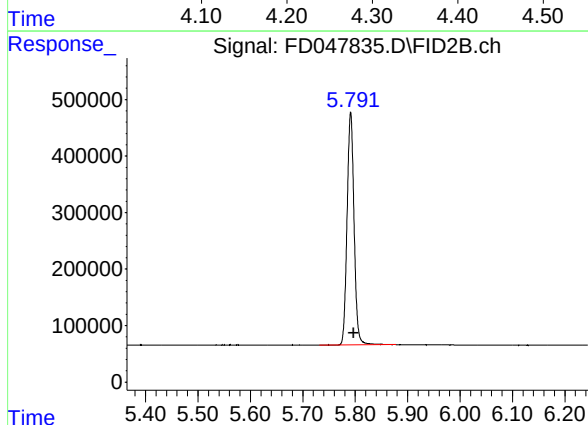




#1 1,2,3-Trimethylbenzene (C10.1)

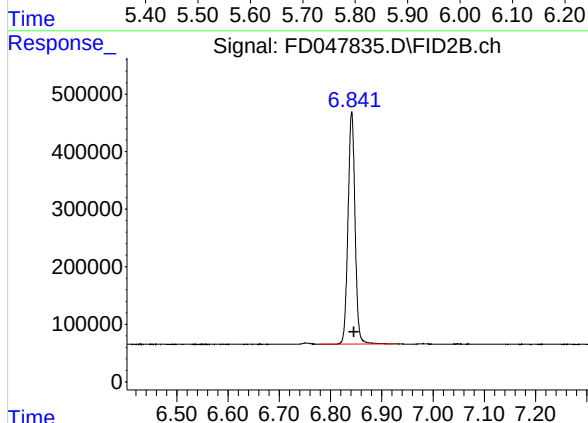
R.T.: 4.266 min  
Delta R.T.: -0.006 min  
Response: 3662871  
Conc: 23.19 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



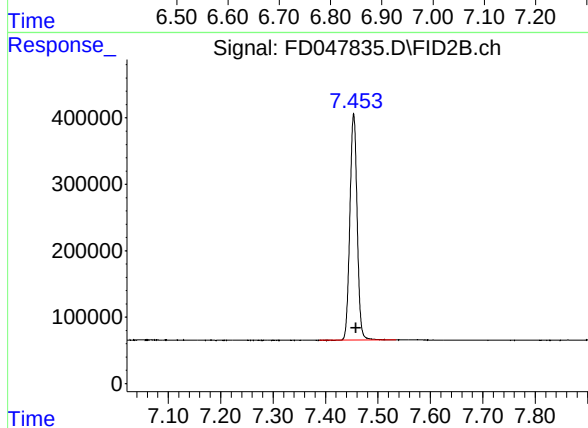
#2 Naphthalene (C11.7)

R.T.: 5.791 min  
Delta R.T.: -0.006 min  
Response: 3802445  
Conc: 23.30 ug/ml



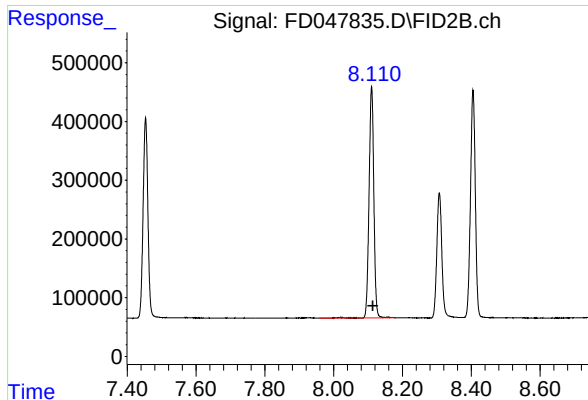
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min  
Delta R.T.: -0.005 min  
Response: 3845417  
Conc: 23.34 ug/ml



#4 2-Bromonaphthalene (SURR)

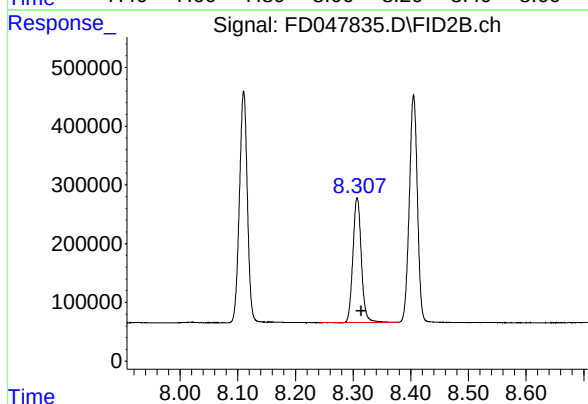
R.T.: 7.454 min  
Delta R.T.: -0.004 min  
Response: 3284368  
Conc: 23.39 ug/ml



#5 Acenaphthylene (C15.06)

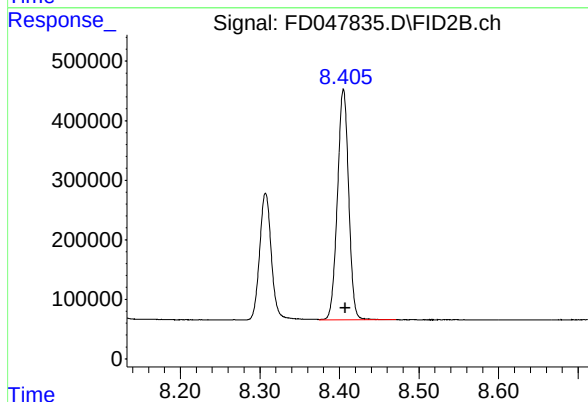
R.T.: 8.110 min  
Delta R.T.: -0.004 min  
Response: 3764045  
Conc: 23.03 ug/ml

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



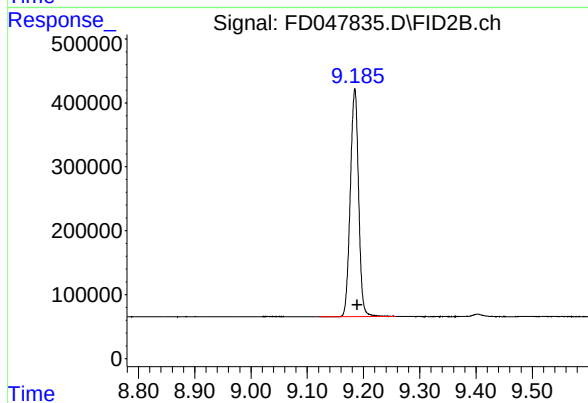
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min  
Delta R.T.: -0.007 min  
Response: 2171282  
Conc: 23.44 ug/ml



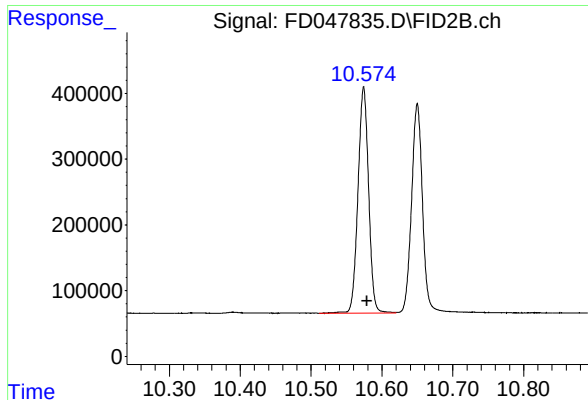
#7 Acenaphthene (C15.5)

R.T.: 8.405 min  
Delta R.T.: -0.002 min  
Response: 3792470  
Conc: 23.23 ug/ml



#8 Flouorene (C16.55)

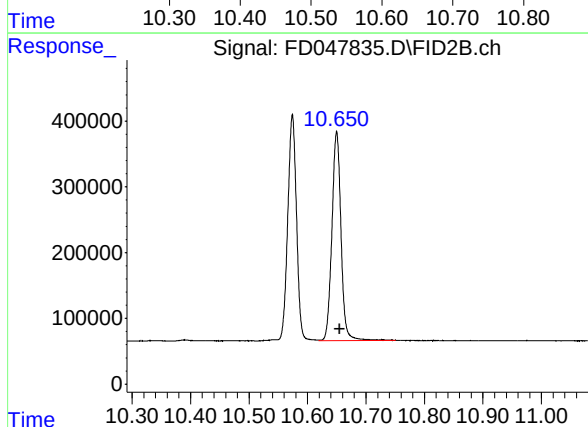
R.T.: 9.184 min  
Delta R.T.: -0.005 min  
Response: 3647303  
Conc: 23.18 ug/ml



#9 Phenanthrene (C19.36)

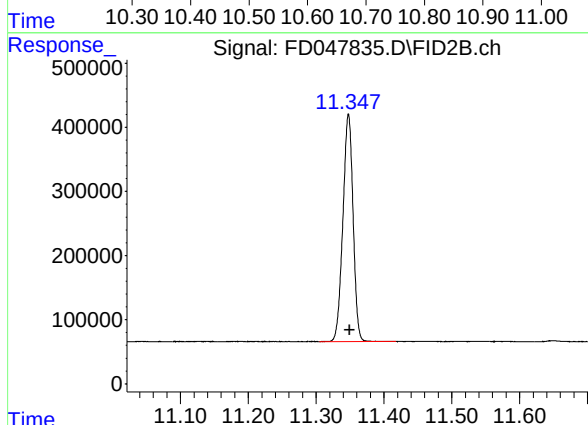
R.T.: 10.574 min  
Delta R.T.: -0.005 min  
Response: 3580767  
Conc: 23.22 ug/ml

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



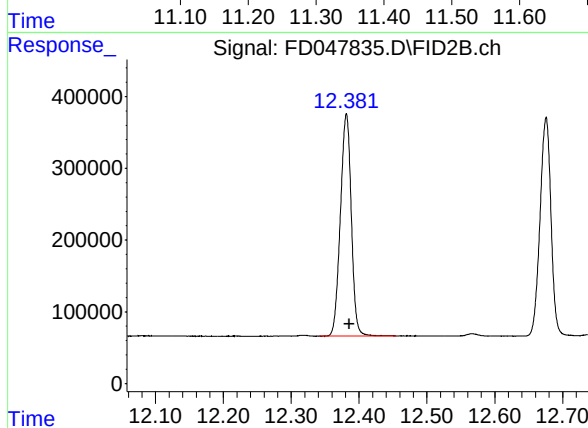
#10 Anthracene (C19.43)

R.T.: 10.650 min  
Delta R.T.: -0.005 min  
Response: 3428655  
Conc: 22.81 ug/ml



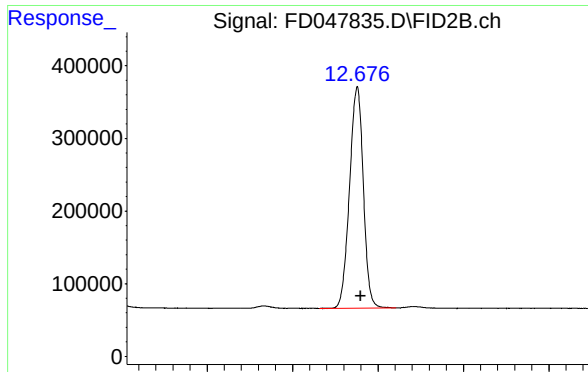
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min  
Delta R.T.: -0.002 min  
Response: 3697593  
Conc: 23.13 ug/ml



#12 Fluoranthene (C21.85)

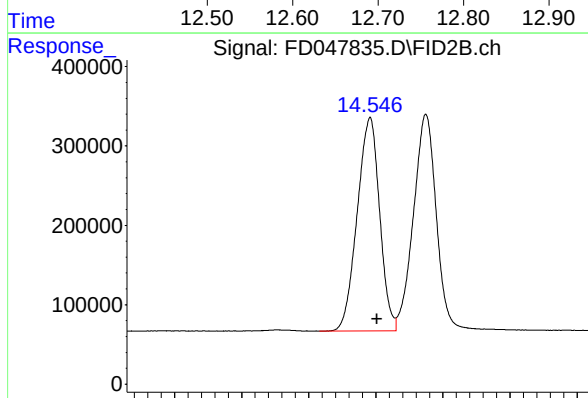
R.T.: 12.381 min  
Delta R.T.: -0.005 min  
Response: 3453826  
Conc: 22.76 ug/ml



#13 Pyrene (C20.8)

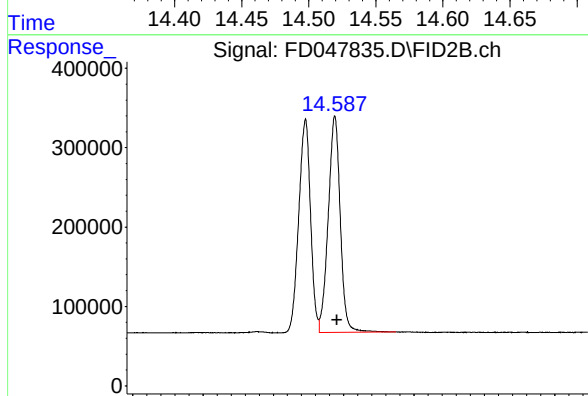
R.T.: 12.675 min  
Delta R.T.: -0.004 min  
Response: 3414446  
Conc: 22.65 ug/ml

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



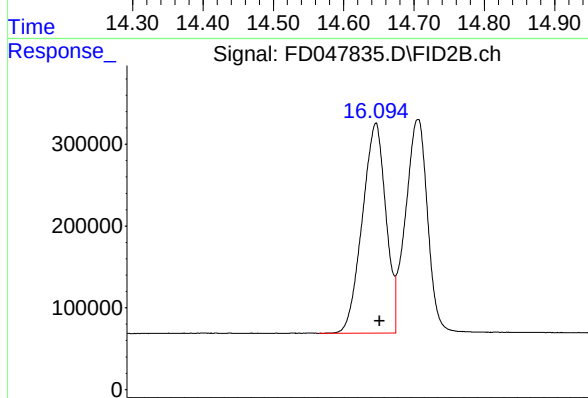
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min  
Delta R.T.: -0.006 min  
Response: 3119569  
Conc: 22.76 ug/ml



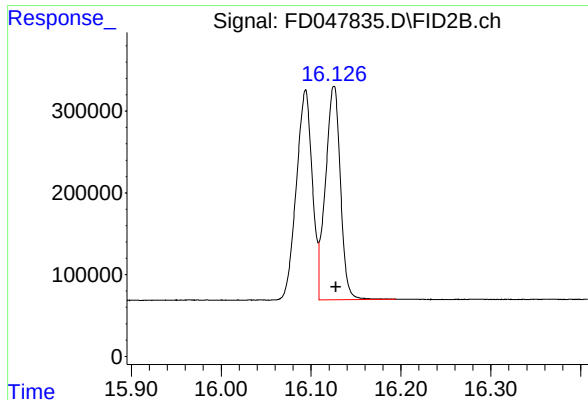
#15 Chrysene (C27.41)

R.T.: 14.587 min  
Delta R.T.: -0.003 min  
Response: 3252960  
Conc: 22.08 ug/ml



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

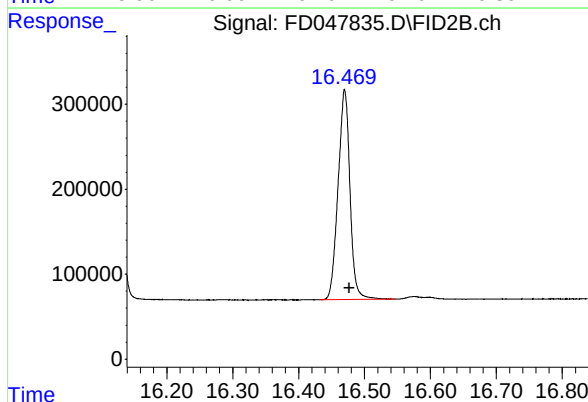
R.T.: 16.094 min  
Delta R.T.: -0.003 min  
Response: 3156950  
Conc: 22.43 ug/ml



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

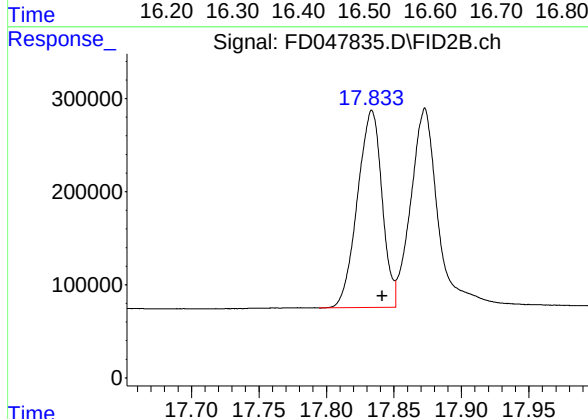
R.T.: 16.125 min  
Delta R.T.: -0.003 min  
Response: 3014530  
Conc: 22.14 ug/ml

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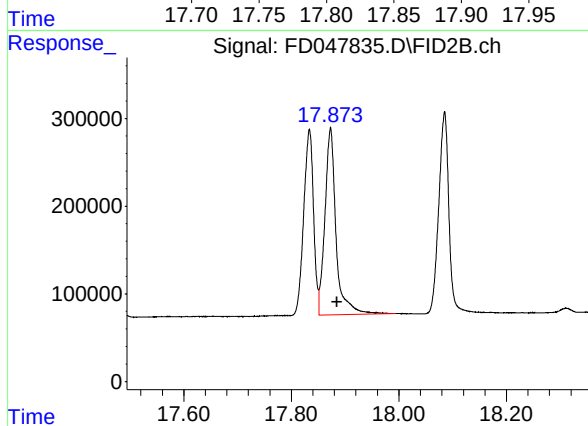
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min  
Delta R.T.: -0.007 min  
Response: 3100141  
Conc: 22.40 ug/ml



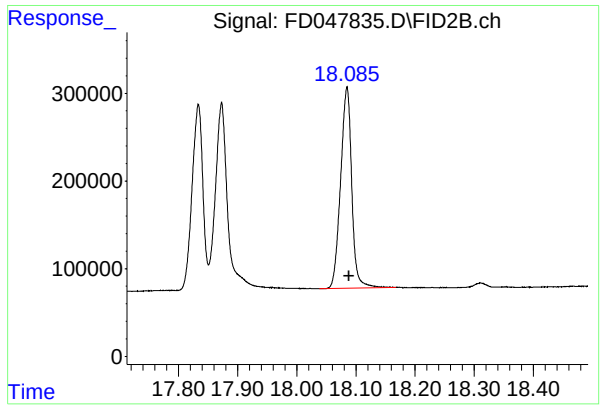
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min  
Delta R.T.: -0.008 min  
Response: 2687648  
Conc: 23.31 ug/ml



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

R.T.: 17.873 min  
Delta R.T.: -0.012 min  
Response: 3063124  
Conc: 22.97 ug/ml



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

R.T.: 18.085 min  
Delta R.T.: -0.004 min  
Response: 2997076  
Conc: 22.54 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD