

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100223AR\  
 Data File : FD046612.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Oct 2023 20:21  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 03 00:36:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:47:22 2023  
 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...      | 7.488  | 3899896    | 22.130 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.26%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.342  | 2545401    | 21.970 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.94%       |
| 11) S ortho-Terphenyl (SURR)       | 11.379 | 4537409    | 22.272 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.54%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.302  | 4083143    | 22.107 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.828  | 4269123    | 22.093 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.876  | 4299634    | 22.187 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.145  | 3914869    | 22.203 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.441  | 4178943    | 22.241 ug/ml |
| 8) T Fluorene (C16.55)             | 9.219  | 3995650    | 22.150 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.607 | 3861832    | 21.964 ug/ml |
| 10) T Anthracene (C19.43)          | 10.681 | 3678765    | 23.951 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.409 | 3760864    | 22.066 ug/ml |
| 13) T Pyrene (C20.8)               | 12.703 | 3659047    | 22.305 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.566 | 3071703    | 21.998 ug/ml |
| 15) T Chrysene (C27.41)            | 14.608 | 3325931    | 21.910 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.108 | 3067546    | 22.364 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.139 | 3057998    | 22.076 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.482 | 2948886    | 22.043 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.839 | 2661852    | 21.236 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.880 | 2811755    | 21.130 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.091 | 2899010    | 21.983 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

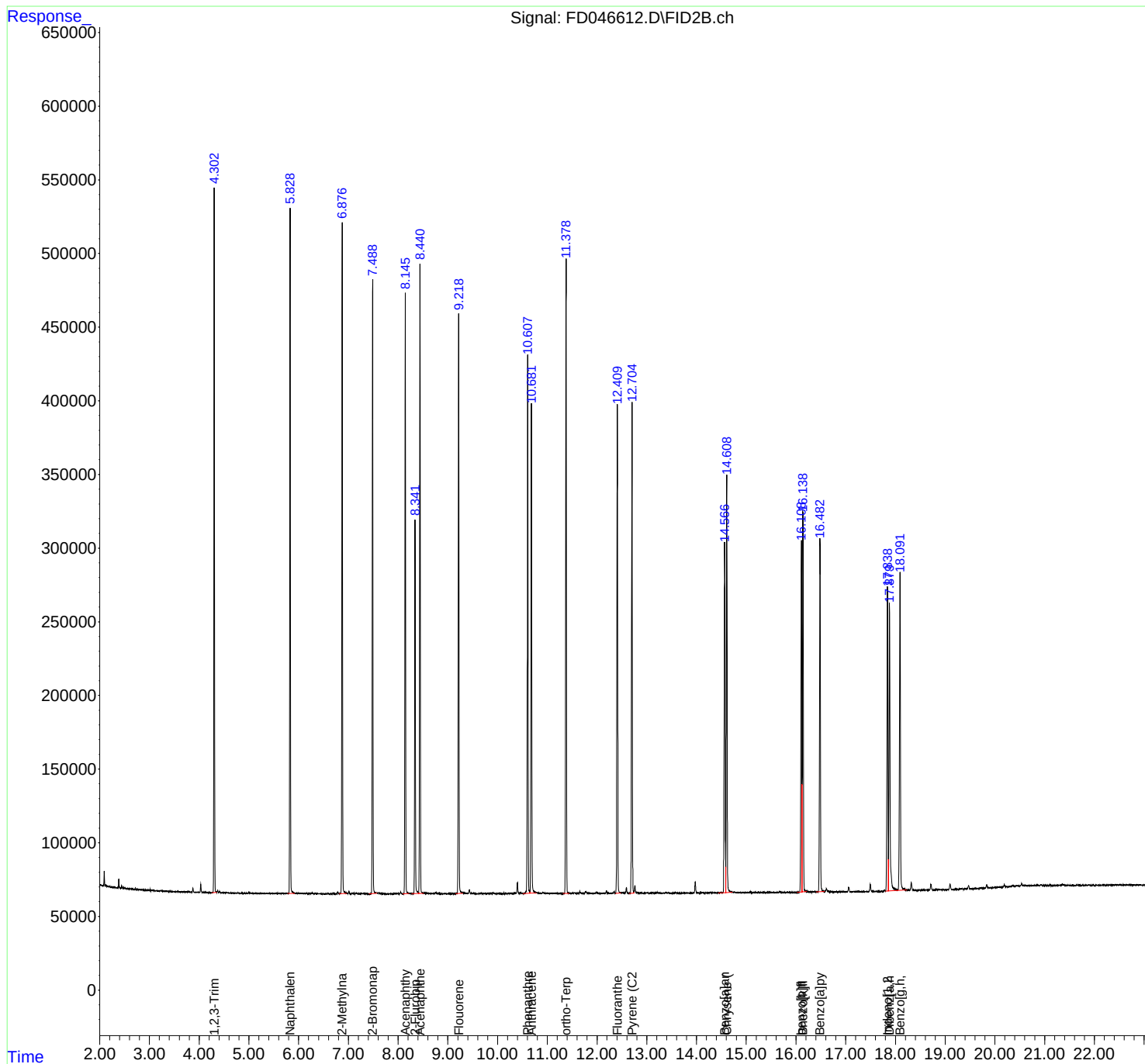
(m)=manual int.

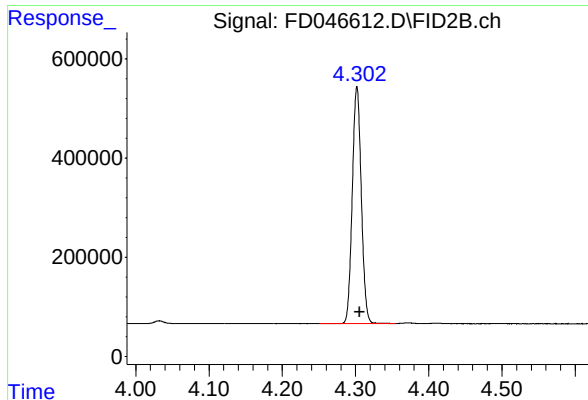
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100223AR\  
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Acq On : 02 Oct 2023 20:21  
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Quant Title : GC Extractables  
QLast Update : Fri Sep 15 01:47:22 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

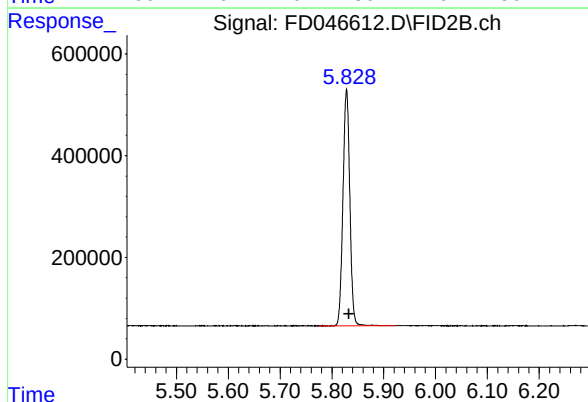




#1 1,2,3-Trimethylbenzene (C10.1)

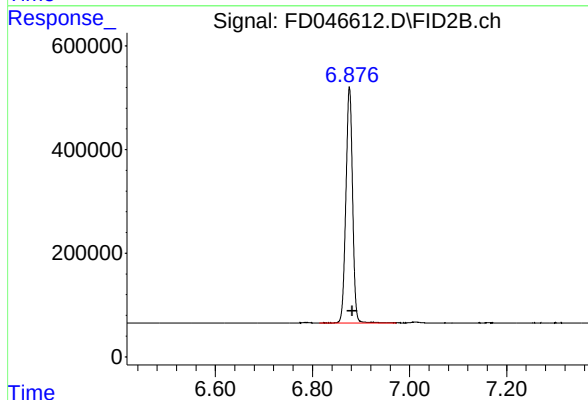
R.T.: 4.302 min  
Delta R.T.: -0.004 min  
Response: 4083143  
Conc: 22.11 ug/ml

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



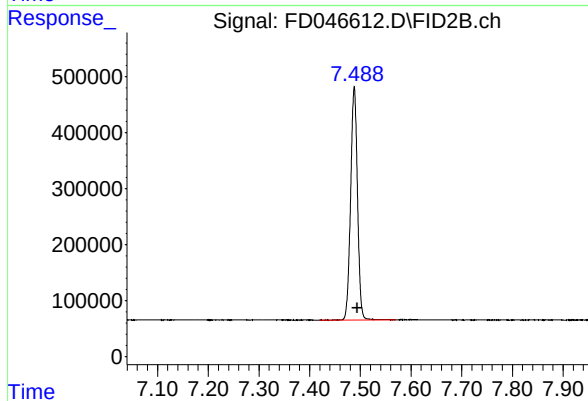
#2 Naphthalene (C11.7)

R.T.: 5.828 min  
Delta R.T.: -0.005 min  
Response: 4269123  
Conc: 22.09 ug/ml



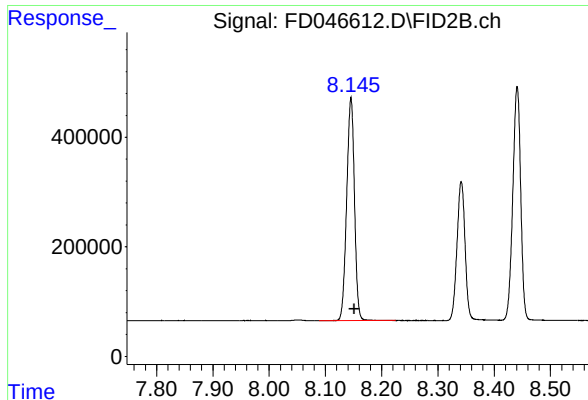
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min  
Delta R.T.: -0.006 min  
Response: 4299634  
Conc: 22.19 ug/ml



#4 2-Bromonaphthalene (SURR)

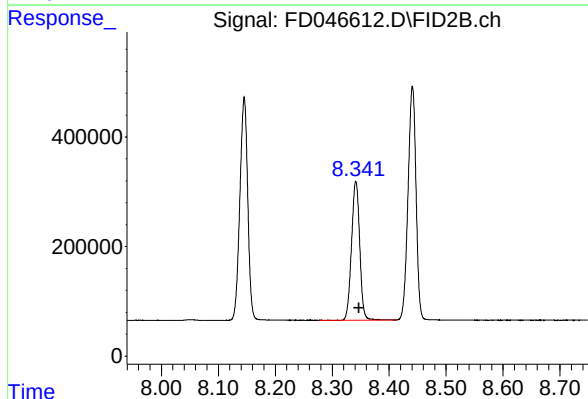
R.T.: 7.488 min  
Delta R.T.: -0.005 min  
Response: 3899896  
Conc: 22.13 ug/ml



#5 Acenaphthylene (C15.06)

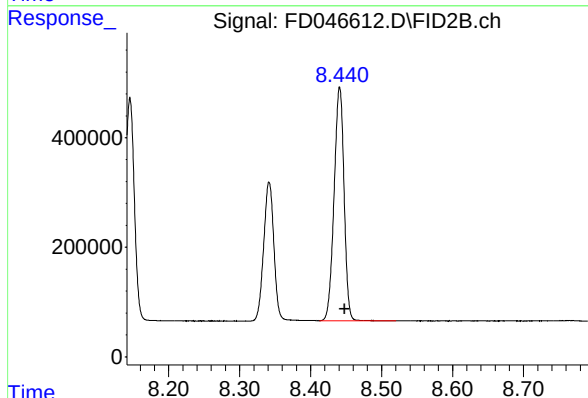
R.T.: 8.145 min  
Delta R.T.: -0.006 min  
Response: 3914869  
Conc: 22.20 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



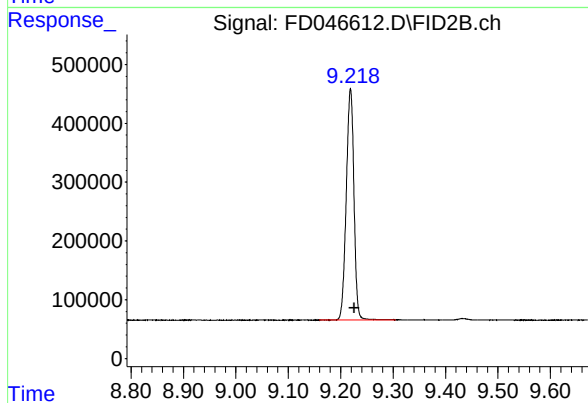
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min  
Delta R.T.: -0.006 min  
Response: 2545401  
Conc: 21.97 ug/ml



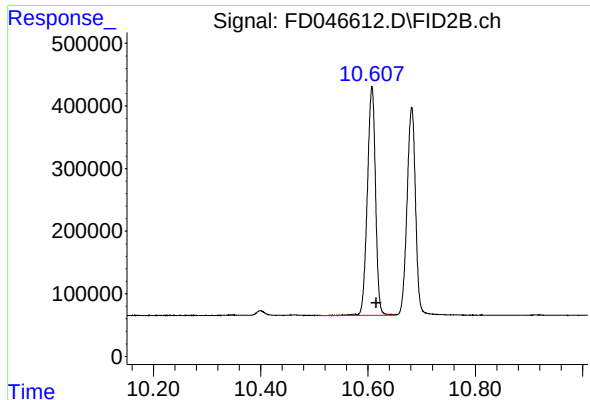
#7 Acenaphthene (C15.5)

R.T.: 8.441 min  
Delta R.T.: -0.007 min  
Response: 4178943  
Conc: 22.24 ug/ml



#8 Flouorene (C16.55)

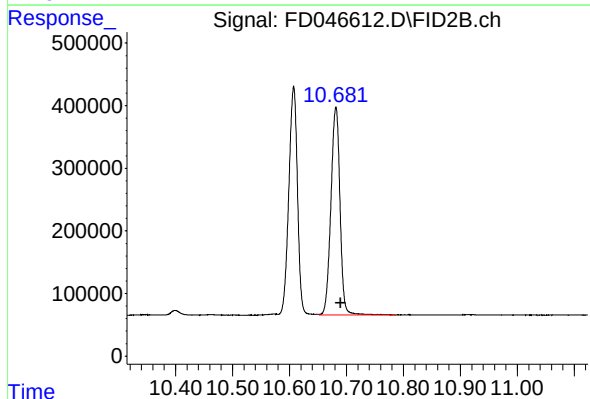
R.T.: 9.219 min  
Delta R.T.: -0.008 min  
Response: 3995650  
Conc: 22.15 ug/ml



#9 Phenanthrene (C19.36)

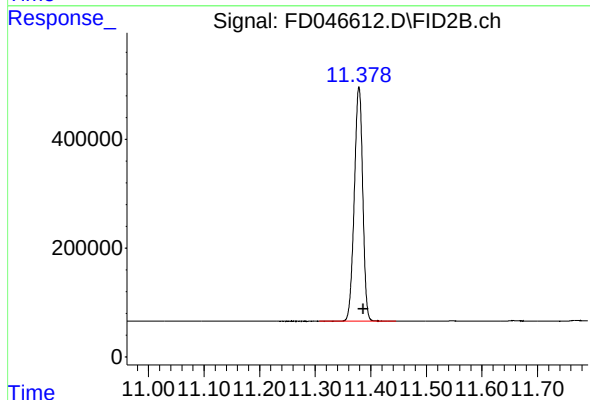
R.T.: 10.607 min  
Delta R.T.: -0.008 min  
Response: 3861832  
Conc: 21.96 ug/ml

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



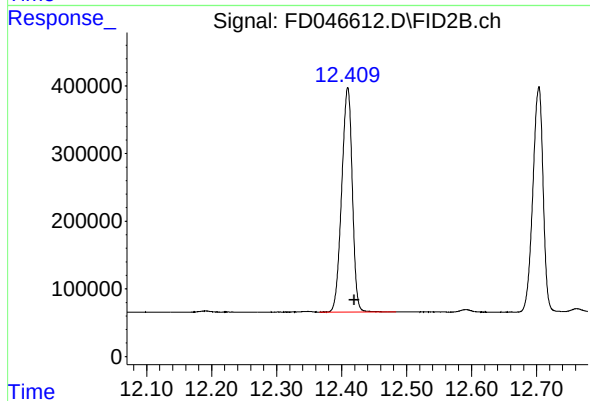
#10 Anthracene (C19.43)

R.T.: 10.681 min  
Delta R.T.: -0.008 min  
Response: 3678765  
Conc: 23.95 ug/ml



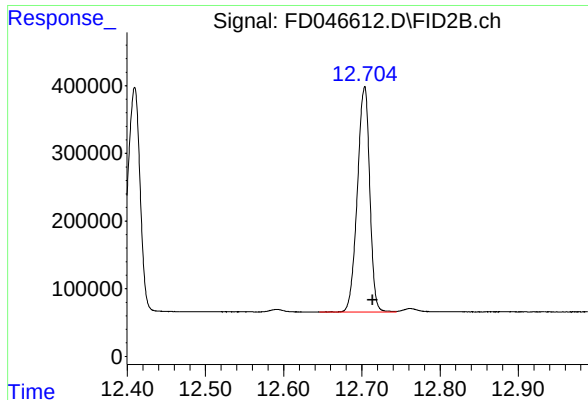
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min  
Delta R.T.: -0.008 min  
Response: 4537409  
Conc: 22.27 ug/ml



#12 Fluoranthene (C21.85)

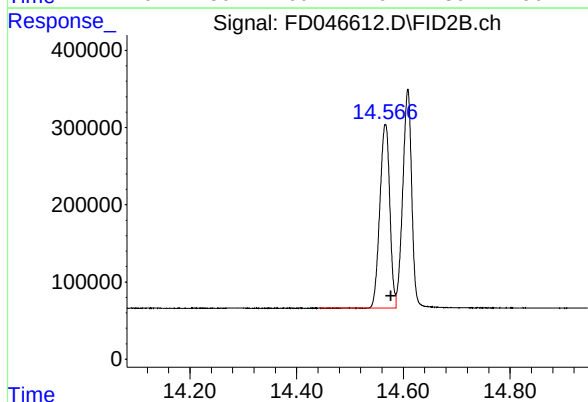
R.T.: 12.409 min  
Delta R.T.: -0.010 min  
Response: 3760864  
Conc: 22.07 ug/ml



#13 Pyrene (C20.8)

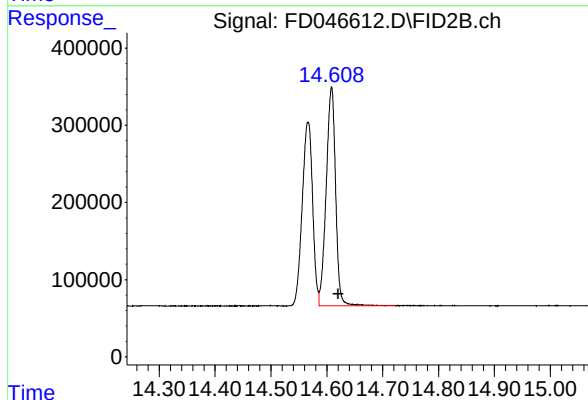
R.T.: 12.703 min  
Delta R.T.: -0.010 min  
Response: 3659047  
Conc: 22.30 ug/ml

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



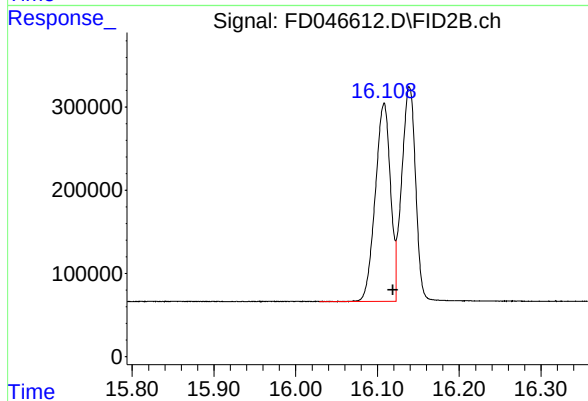
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min  
Delta R.T.: -0.011 min  
Response: 3071703  
Conc: 22.00 ug/ml



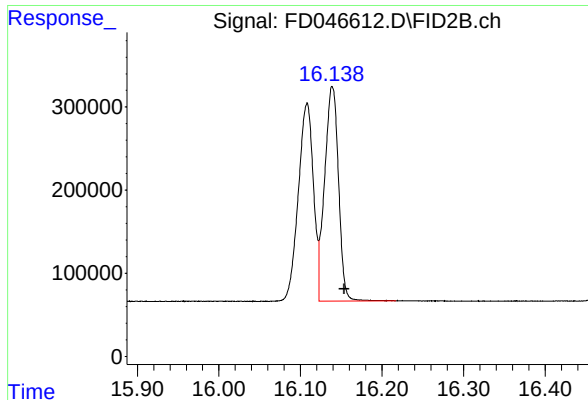
#15 Chrysene (C27.41)

R.T.: 14.608 min  
Delta R.T.: -0.013 min  
Response: 3325931  
Conc: 21.91 ug/ml



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

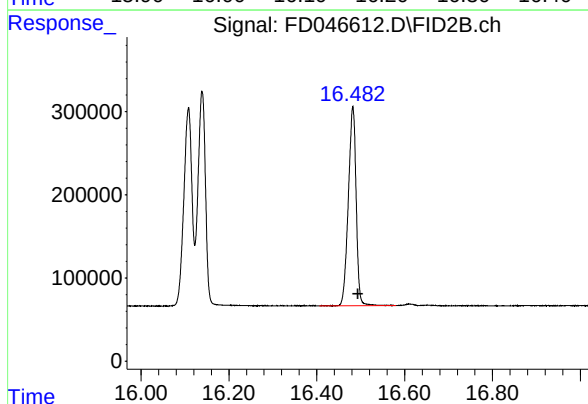
R.T.: 16.108 min  
Delta R.T.: -0.011 min  
Response: 3067546  
Conc: 22.36 ug/ml



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

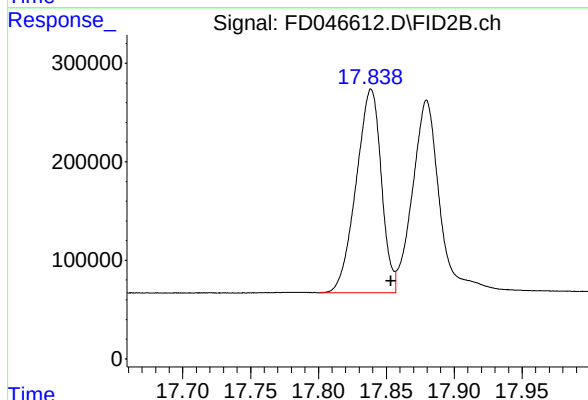
R.T.: 16.139 min  
Delta R.T.: -0.015 min  
Response: 3057998  
Conc: 22.08 ug/ml

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



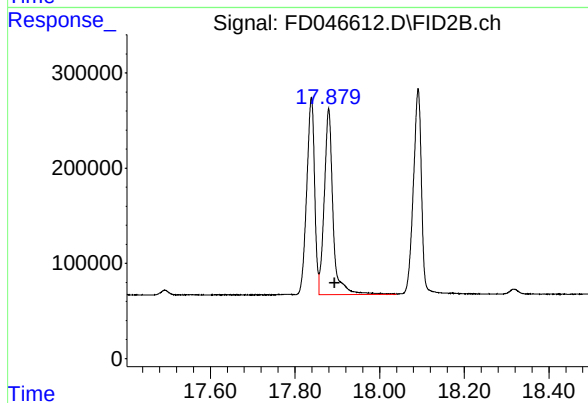
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min  
Delta R.T.: -0.012 min  
Response: 2948886  
Conc: 22.04 ug/ml



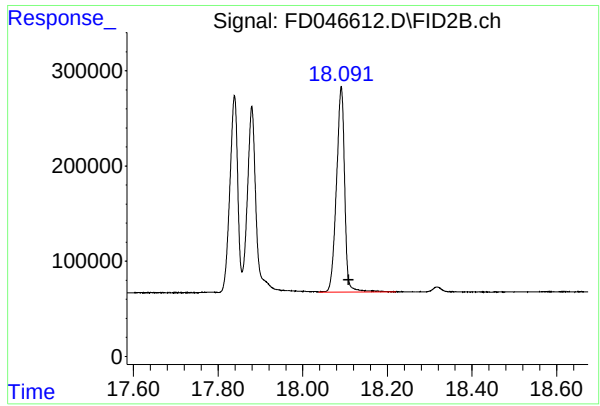
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min  
Delta R.T.: -0.015 min  
Response: 2661852  
Conc: 21.24 ug/ml



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

R.T.: 17.880 min  
Delta R.T.: -0.014 min  
Response: 2811755  
Conc: 21.13 ug/ml



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

R.T.: 18.091 min  
Delta R.T.: -0.017 min  
Response: 2899010  
Conc: 21.98 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD