

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091123AR\  
 Data File : FD046459.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Sep 2023 00:19  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 12 01:10:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 22 12:26:56 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

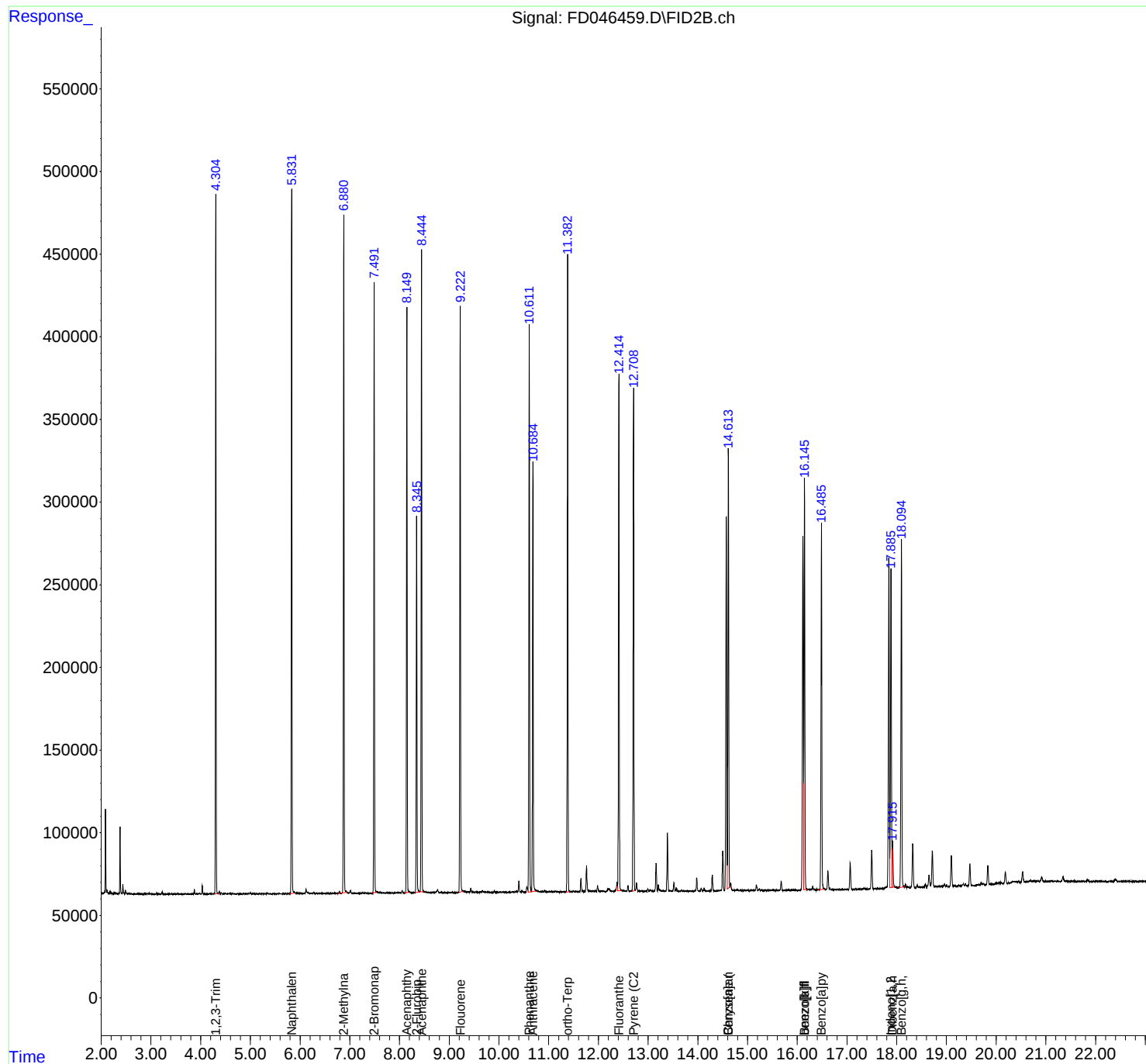
| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.491  | 3512978    | 20.801 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.60%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.345  | 2322361    | 20.868 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.74%       |
| 11) S ortho-Terphenyl (SURR)       | 11.383 | 4135459    | 21.086 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.17%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.305  | 3644233    | 20.739 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.831  | 3829963    | 20.780 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.880  | 3861058    | 20.795 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.149  | 3458905    | 20.325 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.444  | 3750903    | 20.820 ug/ml |
| 8) T Fluorene (C16.55)             | 9.222  | 3642528    | 20.827 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.611 | 3549998    | 20.691 ug/ml |
| 10) T Anthracene (C19.43)          | 10.684 | 2741796    | 16.253 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.414 | 3462053    | 20.809 ug/ml |
| 13) T Pyrene (C20.8)               | 12.708 | 3331058    | 20.668 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.613 | 3003643    | 21.350 ug/ml |
| 15) T Chrysene (C27.41)            | 14.613 | 3003643    | 20.249 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.144 | 2848622    | 20.964 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.144 | 2848622    | 20.998 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 2549079    | 19.346 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.885 | 2530016    | 20.283 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.915 | 340349     | 2.716 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.095 | 2650379    | 20.667 ug/ml |
| -----                              |        |            |              |

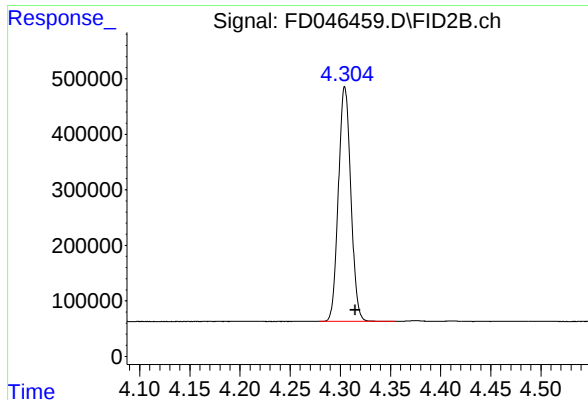
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :  
FID\_D  
ClientSampleId :

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

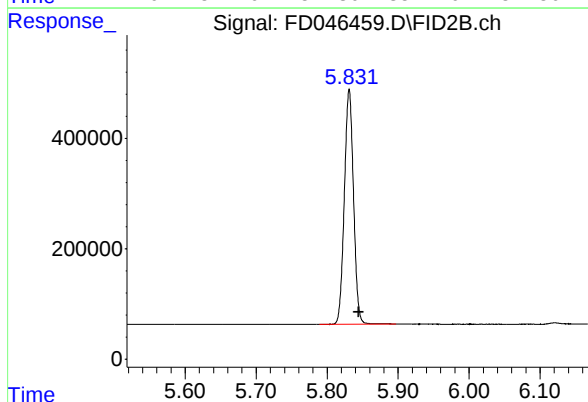




#1 1,2,3-Trimethylbenzene (C10.1)

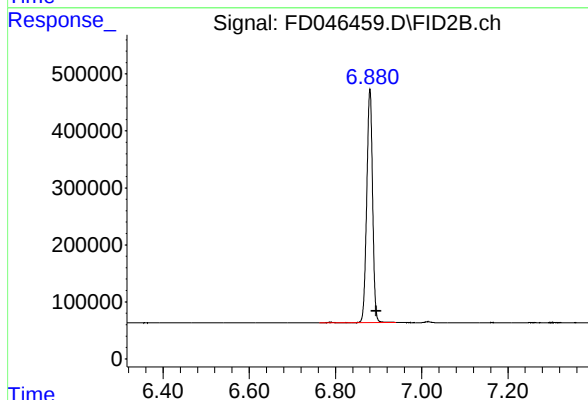
R.T.: 4.305 min  
Delta R.T.: -0.010 min  
Response: 3644233  
Conc: 20.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



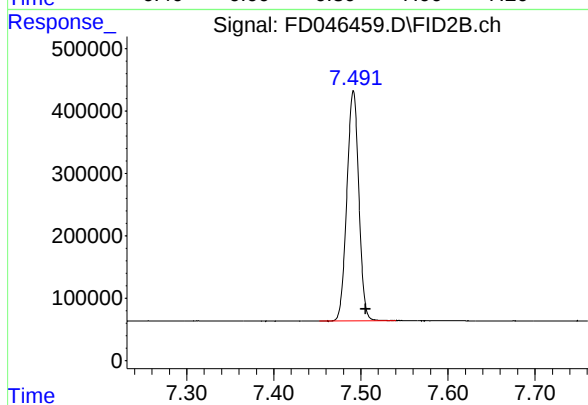
#2 Naphthalene (C11.7)

R.T.: 5.831 min  
Delta R.T.: -0.013 min  
Response: 3829963  
Conc: 20.78 ug/ml



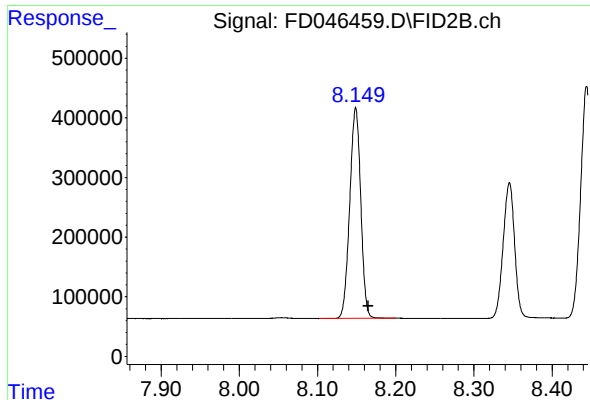
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min  
Delta R.T.: -0.015 min  
Response: 3861058  
Conc: 20.79 ug/ml



#4 2-Bromonaphthalene (SURR)

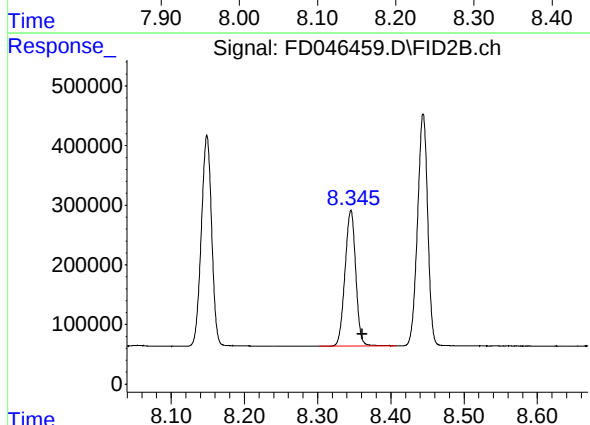
R.T.: 7.491 min  
Delta R.T.: -0.014 min  
Response: 3512978  
Conc: 20.80 ug/ml



#5 Acenaphthylene (C15.06)

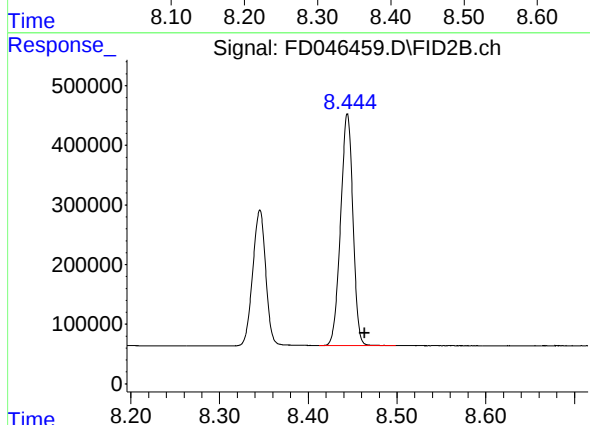
R.T.: 8.149 min  
Delta R.T.: -0.016 min  
Response: 3458905  
Conc: 20.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



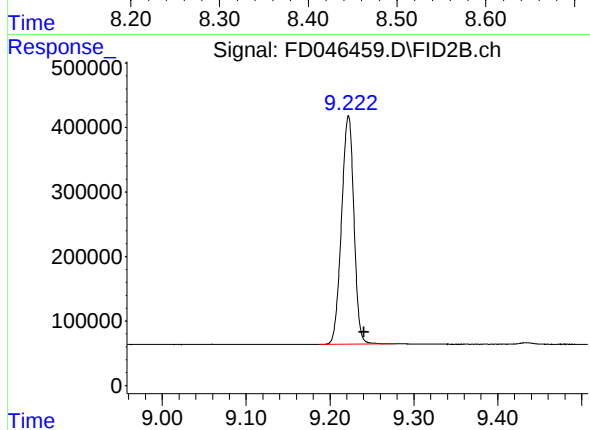
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min  
Delta R.T.: -0.016 min  
Response: 2322361  
Conc: 20.87 ug/ml



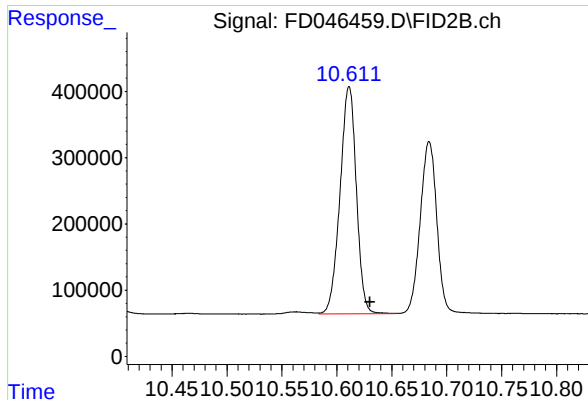
#7 Acenaphthene (C15.5)

R.T.: 8.444 min  
Delta R.T.: -0.019 min  
Response: 3750903  
Conc: 20.82 ug/ml



#8 Flouorene (C16.55)

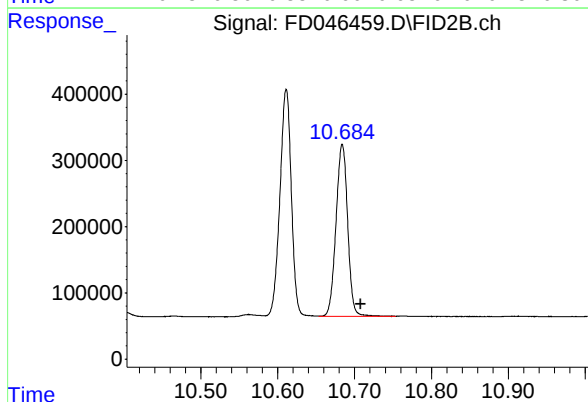
R.T.: 9.222 min  
Delta R.T.: -0.019 min  
Response: 3642528  
Conc: 20.83 ug/ml



#9 Phenanthrene (C19.36)

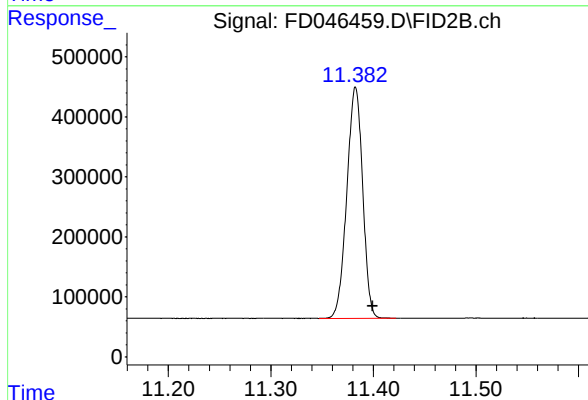
R.T.: 10.611 min  
Delta R.T.: -0.019 min  
Response: 3549998  
Conc: 20.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



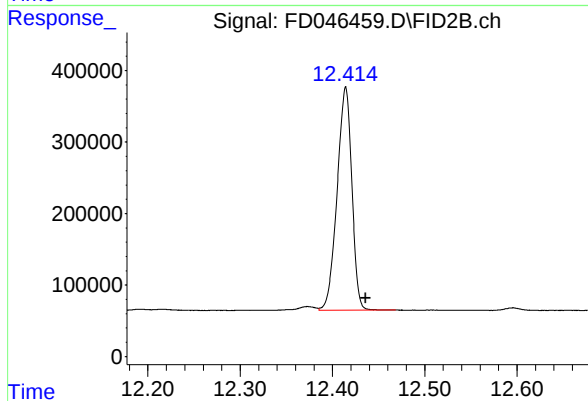
#10 Anthracene (C19.43)

R.T.: 10.684 min  
Delta R.T.: -0.024 min  
Response: 2741796  
Conc: 16.25 ug/ml



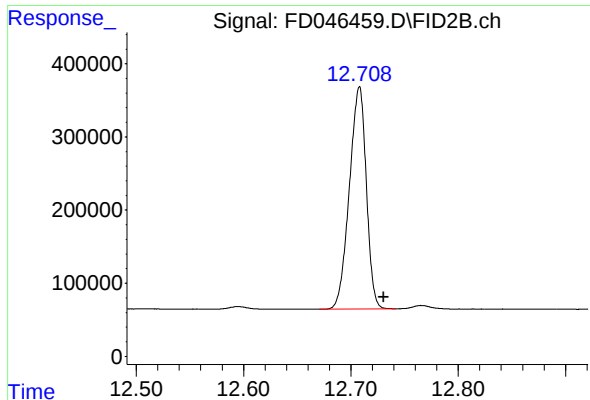
#11 ortho-Terphenyl (SURRE)

R.T.: 11.383 min  
Delta R.T.: -0.017 min  
Response: 4135459  
Conc: 21.09 ug/ml



#12 Fluoranthene (C21.85)

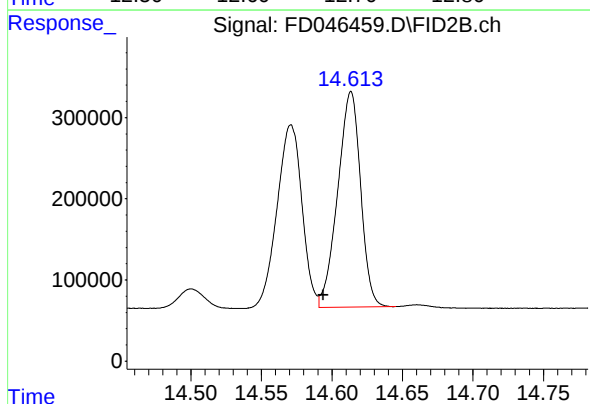
R.T.: 12.414 min  
Delta R.T.: -0.022 min  
Response: 3462053  
Conc: 20.81 ug/ml



#13 Pyrene (C20.8)

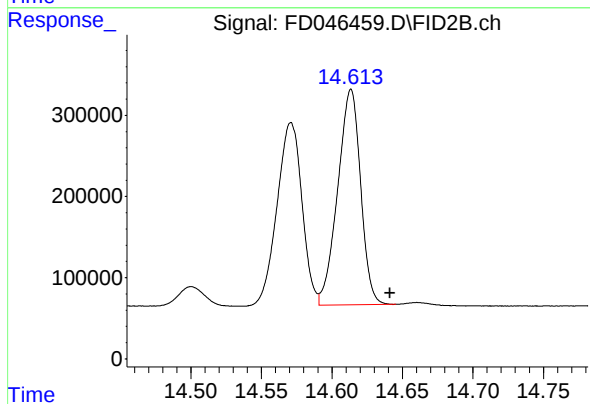
R.T.: 12.708 min  
Delta R.T.: -0.023 min  
Response: 3331058  
Conc: 20.67 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



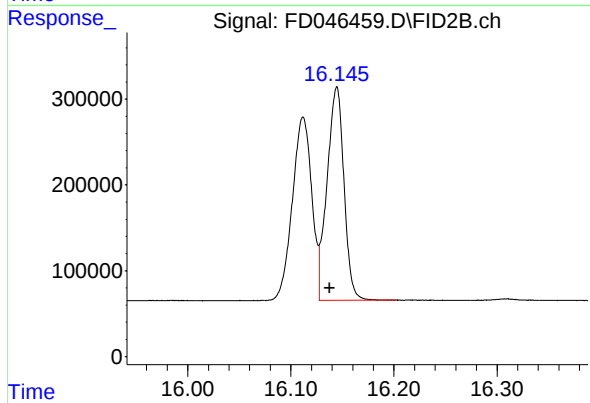
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min  
Delta R.T.: 0.019 min  
Response: 3003643  
Conc: 21.35 ug/ml



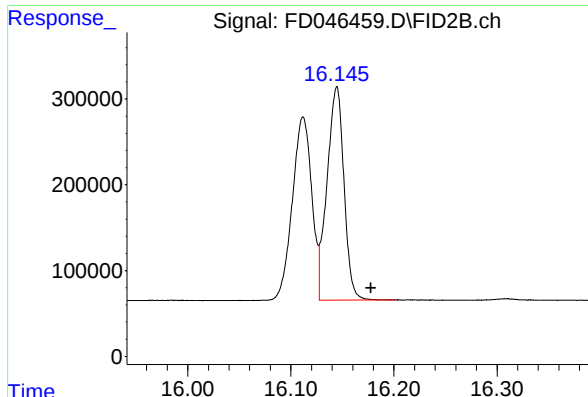
#15 Chrysene (C27.41)

R.T.: 14.613 min  
Delta R.T.: -0.028 min  
Response: 3003643  
Conc: 20.25 ug/ml



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

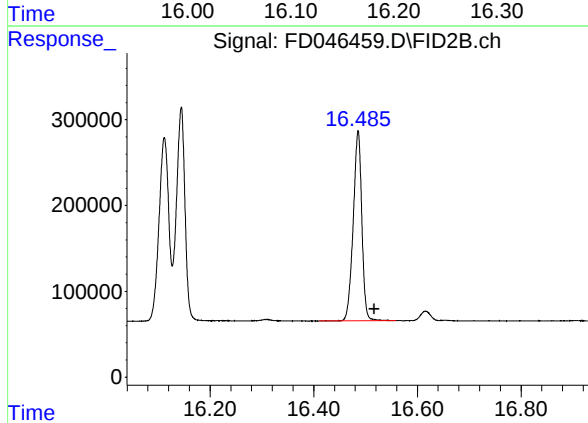
R.T.: 16.144 min  
Delta R.T.: 0.007 min  
Response: 2848622  
Conc: 20.96 ug/ml



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

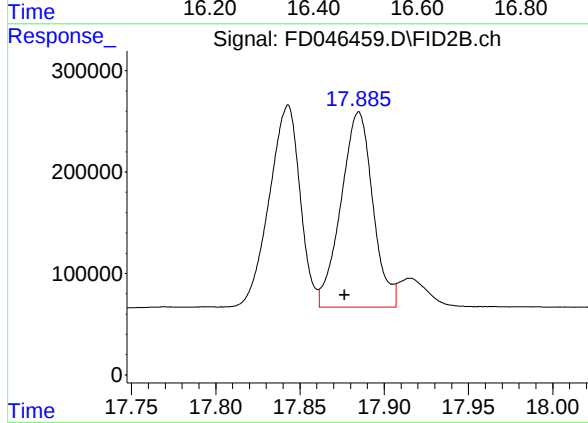
R.T.: 16.144 min  
Delta R.T.: -0.033 min  
Response: 2848622  
Conc: 21.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



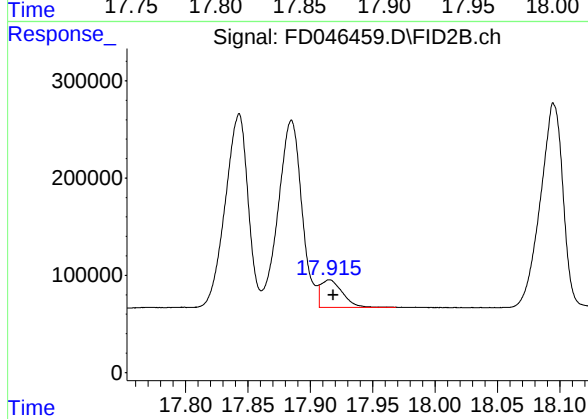
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min  
Delta R.T.: -0.032 min  
Response: 2549079  
Conc: 19.35 ug/ml



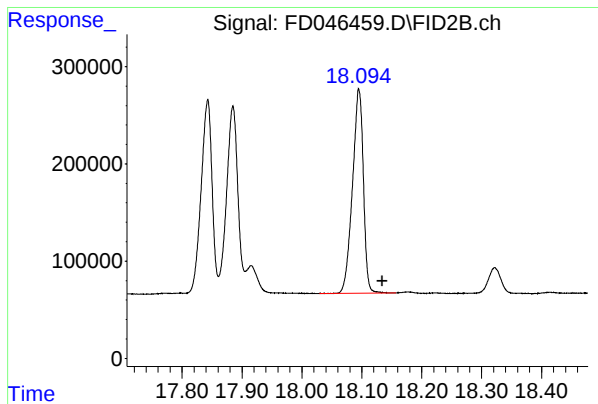
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min  
Delta R.T.: 0.008 min  
Response: 2530016  
Conc: 20.28 ug/ml



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

R.T.: 17.915 min  
Delta R.T.: -0.003 min  
Response: 340349  
Conc: 2.72 ug/ml



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

R.T.: 18.095 min

Delta R.T.: -0.039 min

Response: 2650379

Conc: 20.67 ug/ml

Instrument :

FID\_D

ClientSampleId :