

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092023AR\  
 Data File : FD046549.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Sep 2023 09:10  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 20 14:07:16 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...      | 7.491  | 3800679    | 21.567 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.13%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.344  | 2489798    | 21.490 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.98%       |
| 11) S ortho-Terphenyl (SURR)       | 11.382 | 4427871    | 21.734 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.47%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.305  | 3966418    | 21.475 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.831  | 4158451    | 21.520 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.879  | 4195644    | 21.651 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.148  | 3805332    | 21.581 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.443  | 4066827    | 21.644 ug/ml |
| 8) T Flouorene (C16.55)            | 9.221  | 3920607    | 21.734 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.610 | 3810329    | 21.671 ug/ml |
| 10) T Anthracene (C19.43)          | 10.684 | 3556335    | 23.154 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.413 | 3712320    | 21.781 ug/ml |
| 13) T Pyrene (C20.8)               | 12.707 | 3586656    | 21.863 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.569 | 3031069    | 21.707 ug/ml |
| 15) T Chrysene (C27.41)            | 14.611 | 3245332    | 21.379 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.111 | 2978098    | 21.711 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.143 | 3042474    | 21.963 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 2872982    | 21.476 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.842 | 2669399    | 21.296 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.883 | 2830927    | 21.274 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.094 | 2811112    | 21.317 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

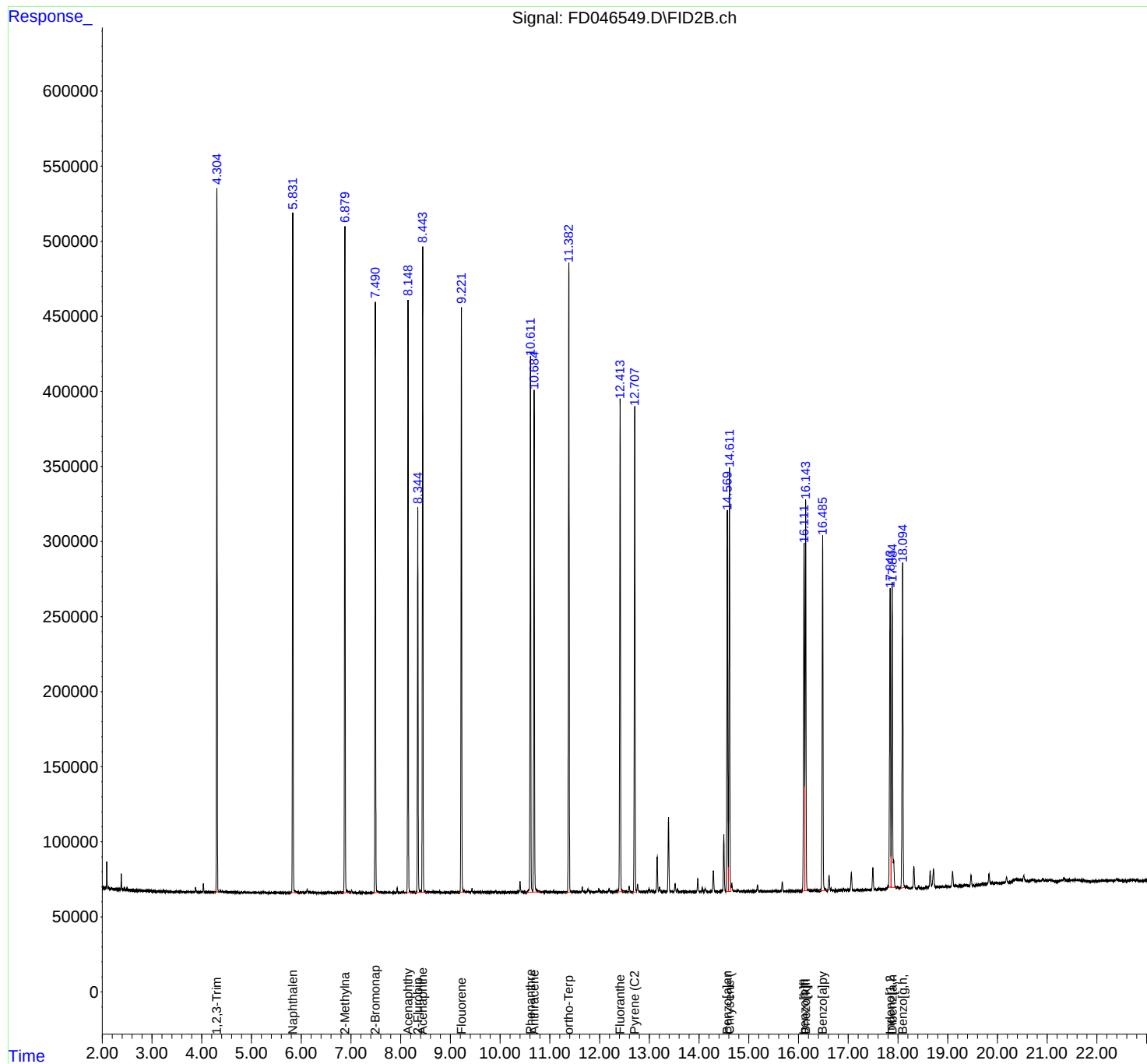
(m)=manual int.

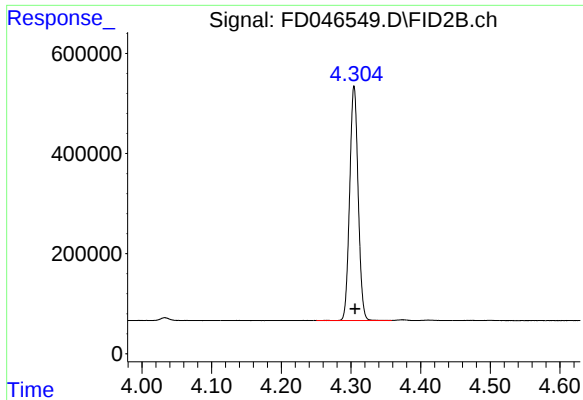
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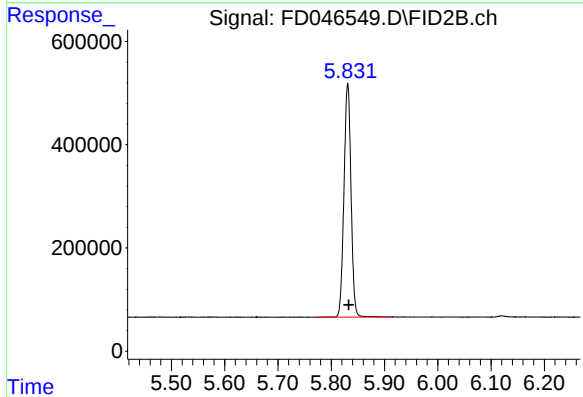




#1 1,2,3-Trimethylbenzene (C10.1)

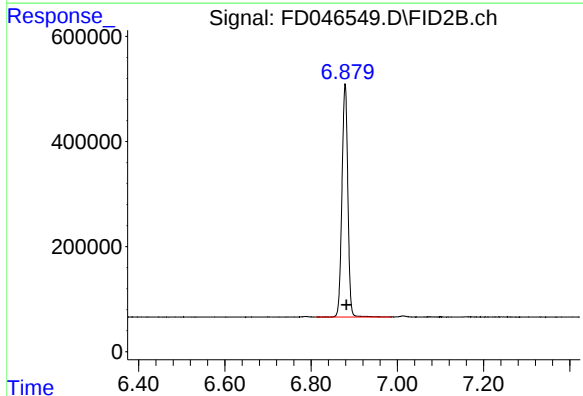
R.T.: 4.305 min  
Delta R.T.: -0.001 min  
Response: 3966418  
Conc: 21.48 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



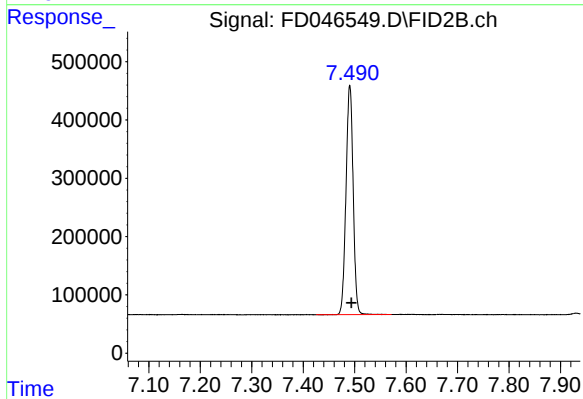
#2 Naphthalene (C11.7)

R.T.: 5.831 min  
Delta R.T.: -0.002 min  
Response: 4158451  
Conc: 21.52 ug/ml



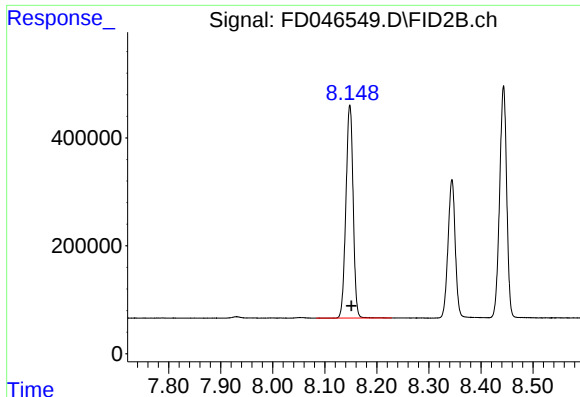
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min  
Delta R.T.: -0.003 min  
Response: 4195644  
Conc: 21.65 ug/ml



#4 2-Bromonaphthalene (SURR)

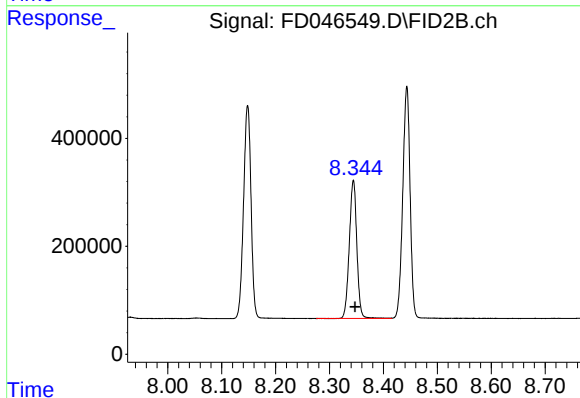
R.T.: 7.491 min  
Delta R.T.: -0.003 min  
Response: 3800679  
Conc: 21.57 ug/ml



#5 Acenaphthylene (C15.06)

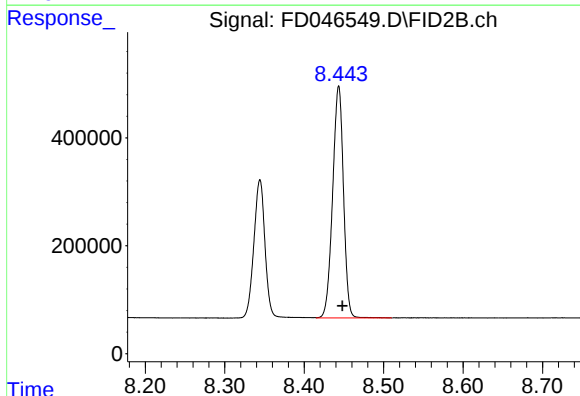
R.T.: 8.148 min  
Delta R.T.: -0.003 min  
Response: 3805332  
Conc: 21.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



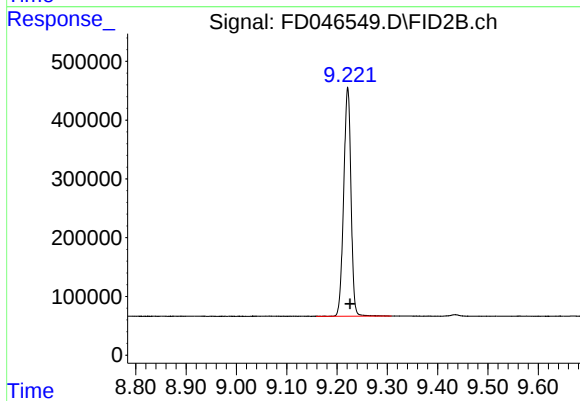
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min  
Delta R.T.: -0.003 min  
Response: 2489798  
Conc: 21.49 ug/ml



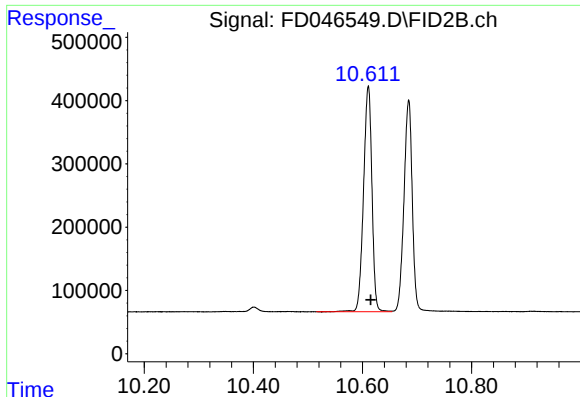
#7 Acenaphthene (C15.5)

R.T.: 8.443 min  
Delta R.T.: -0.005 min  
Response: 4066827  
Conc: 21.64 ug/ml



#8 Flouorene (C16.55)

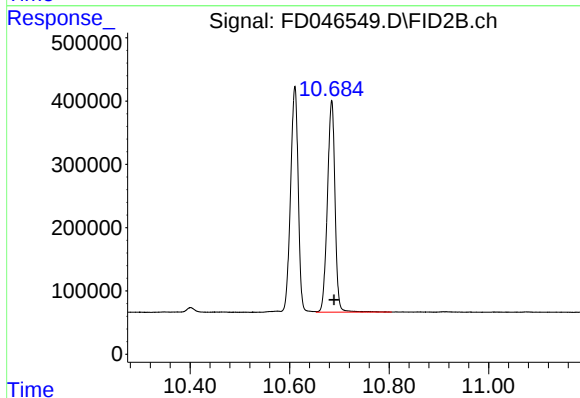
R.T.: 9.221 min  
Delta R.T.: -0.005 min  
Response: 3920607  
Conc: 21.73 ug/ml



#9 Phenanthrene (C19.36)

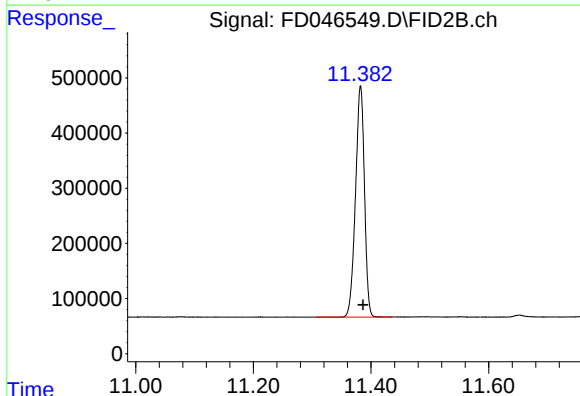
R.T.: 10.610 min  
Delta R.T.: -0.005 min  
Response: 3810329  
Conc: 21.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



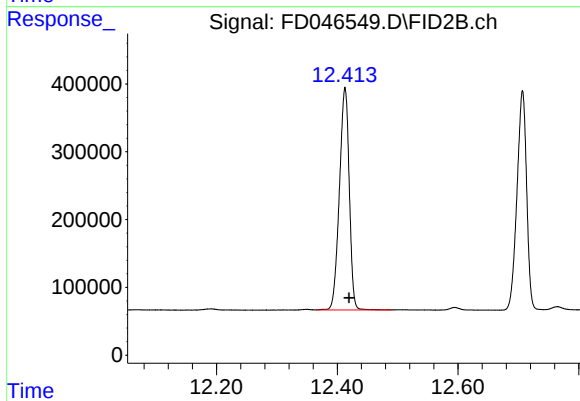
#10 Anthracene (C19.43)

R.T.: 10.684 min  
Delta R.T.: -0.005 min  
Response: 3556335  
Conc: 23.15 ug/ml



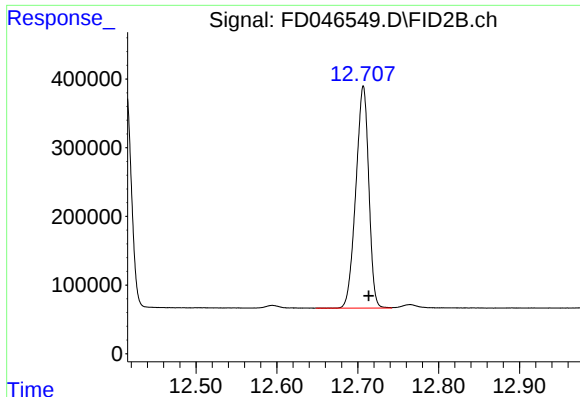
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min  
Delta R.T.: -0.004 min  
Response: 4427871  
Conc: 21.73 ug/ml



#12 Fluoranthene (C21.85)

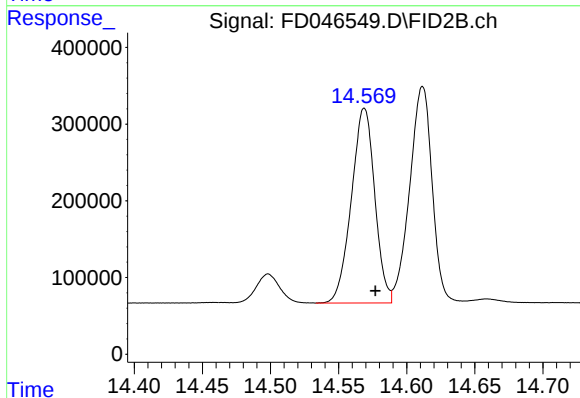
R.T.: 12.413 min  
Delta R.T.: -0.007 min  
Response: 3712320  
Conc: 21.78 ug/ml



#13 Pyrene (C20.8)

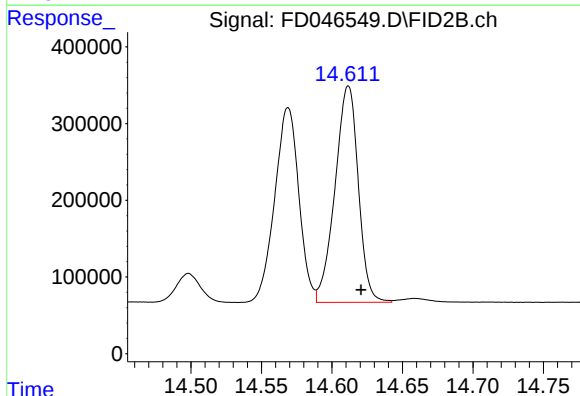
R.T.: 12.707 min  
Delta R.T.: -0.007 min  
Response: 3586656  
Conc: 21.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



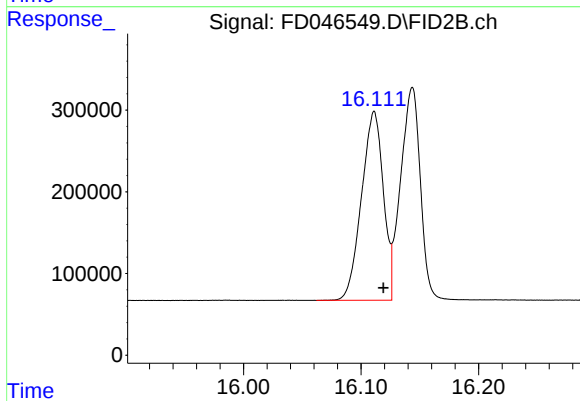
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min  
Delta R.T.: -0.008 min  
Response: 3031069  
Conc: 21.71 ug/ml



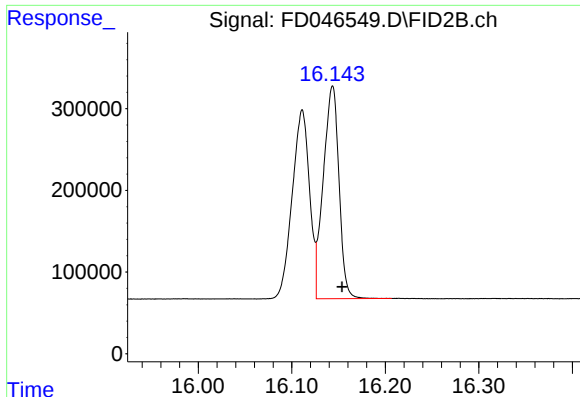
#15 Chrysene (C27.41)

R.T.: 14.611 min  
Delta R.T.: -0.009 min  
Response: 3245332  
Conc: 21.38 ug/ml



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

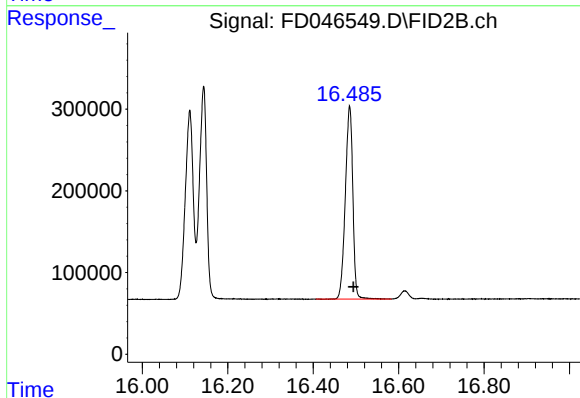
R.T.: 16.111 min  
Delta R.T.: -0.008 min  
Response: 2978098  
Conc: 21.71 ug/ml



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

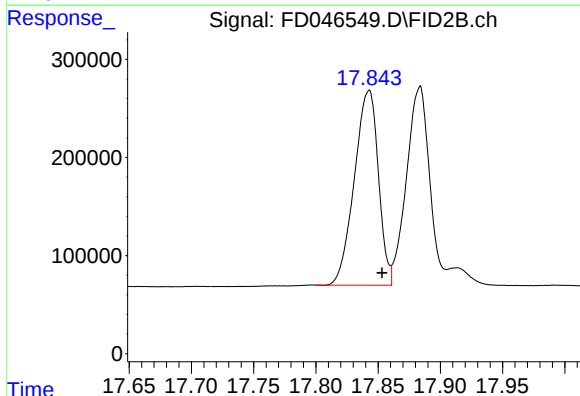
R.T.: 16.143 min  
Delta R.T.: -0.011 min  
Response: 3042474  
Conc: 21.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



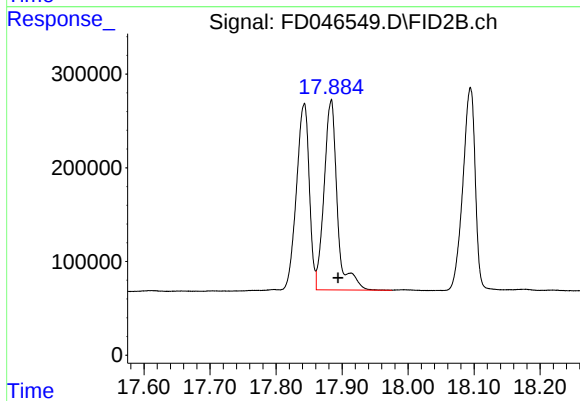
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min  
Delta R.T.: -0.009 min  
Response: 2872982  
Conc: 21.48 ug/ml



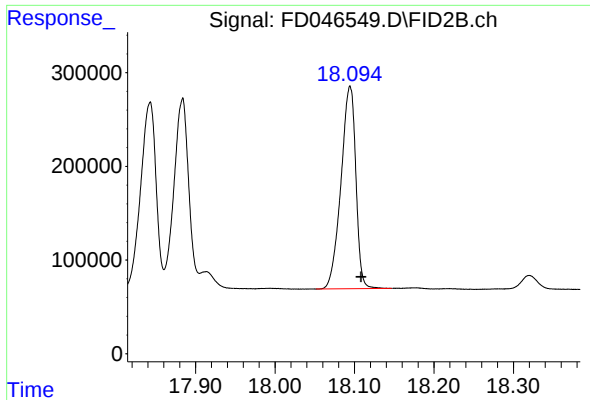
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min  
Delta R.T.: -0.011 min  
Response: 2669399  
Conc: 21.30 ug/ml



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

R.T.: 17.883 min  
Delta R.T.: -0.011 min  
Response: 2830927  
Conc: 21.27 ug/ml



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

R.T.: 18.094 min  
Delta R.T.: -0.014 min  
Response: 2811112  
Conc: 21.32 ug/ml

Instrument :  
FID\_C  
ClientSampleId :