

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030923AR\  
 Data File : FD045245.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Mar 2023 13:26  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 10 00:43:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 01 16:43:59 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

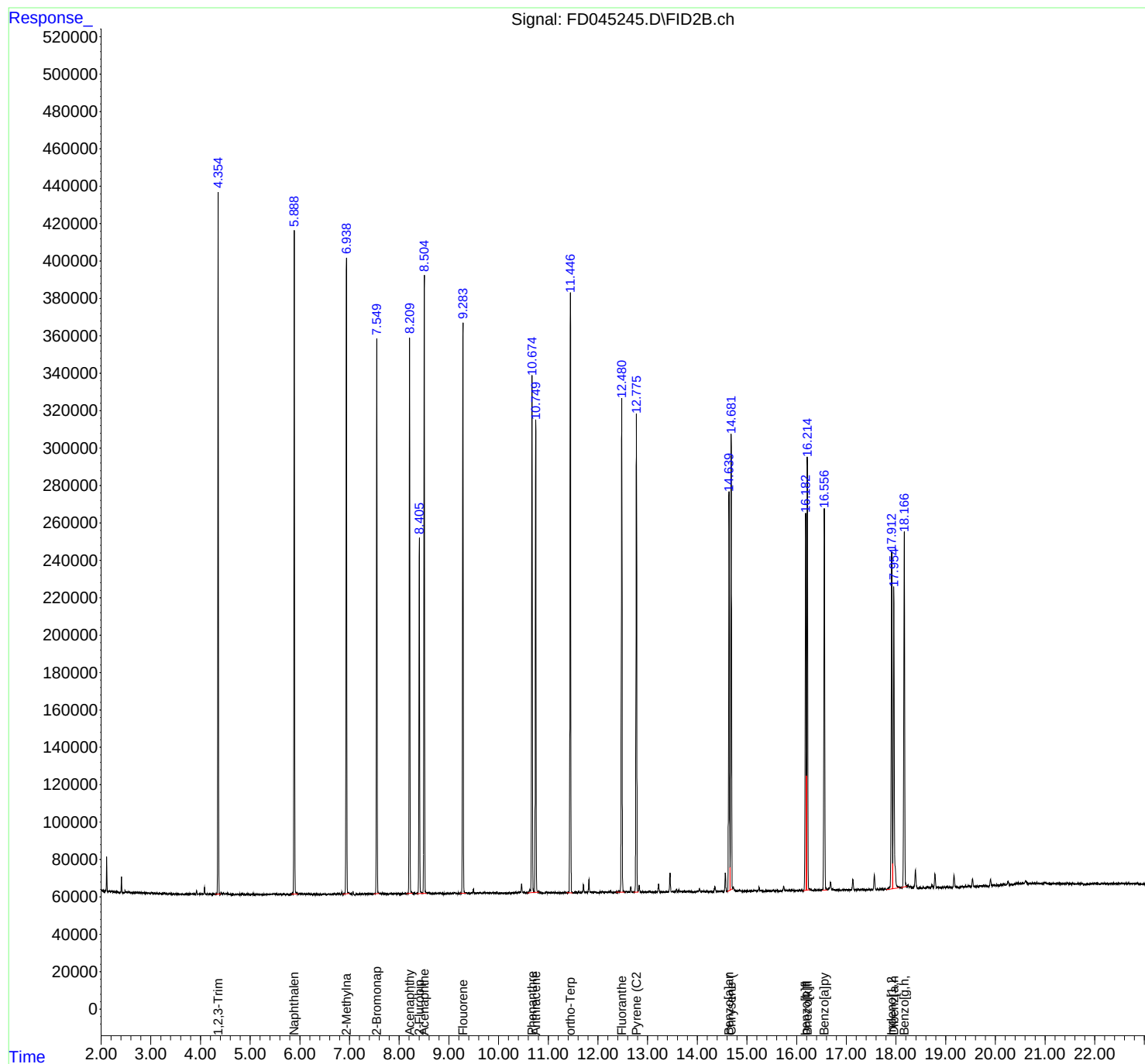
| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.550  | 2802786    | 20.653 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.31%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.406  | 1846789    | 20.627 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.25%       |
| 11) S ortho-Terphenyl (SURR)       | 11.446 | 3500034    | 21.027 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.05%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.355  | 3181705    | 21.008 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.888  | 3288117    | 20.814 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.938  | 3264875    | 20.544 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.210  | 2957617    | 20.627 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.505  | 3153885    | 20.808 ug/ml |
| 8) T Fluorene (C16.55)             | 9.283  | 3006760    | 20.422 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.675 | 2934152    | 20.551 ug/ml |
| 10) T Anthracene (C19.43)          | 10.749 | 2575372    | 18.379 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.480 | 2918430    | 20.892 ug/ml |
| 13) T Pyrene (C20.8)               | 12.775 | 2852123    | 20.944 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.639 | 2550957    | 20.012 ug/ml |
| 15) T Chrysene (C27.41)            | 14.682 | 2648738    | 20.324 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.182 | 2702226    | 20.961 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.214 | 2636632    | 20.887 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.556 | 2566784    | 20.394 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.913 | 2259165    | 18.885 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.955 | 2204609    | 18.277 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.166 | 2424191    | 19.483 ug/ml |
| -----                              |        |            |              |

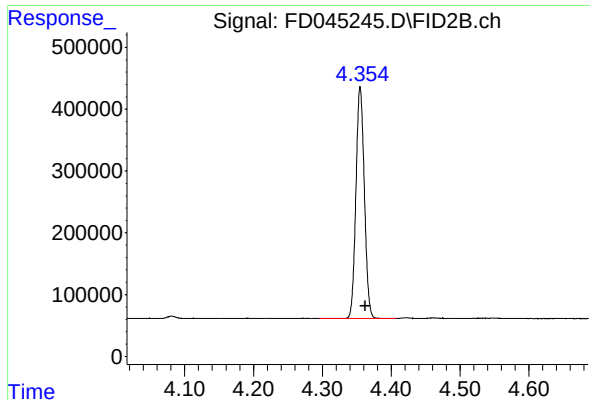
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

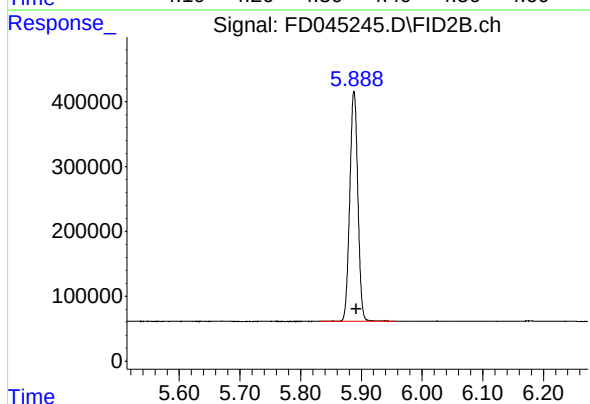




#1 1,2,3-Trimethylbenzene (C10.1)

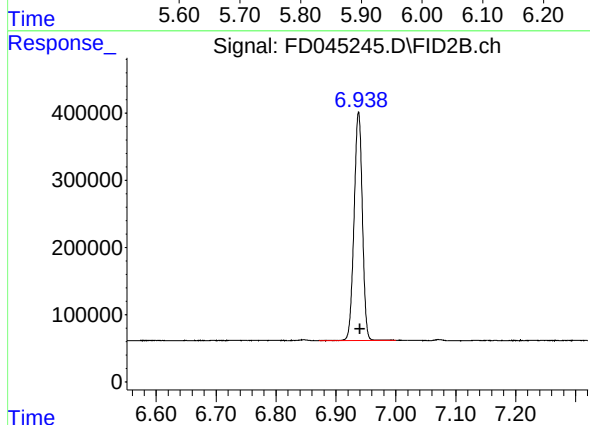
R.T.: 4.355 min  
Delta R.T.: -0.007 min  
Response: 3181705  
Conc: 21.01 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



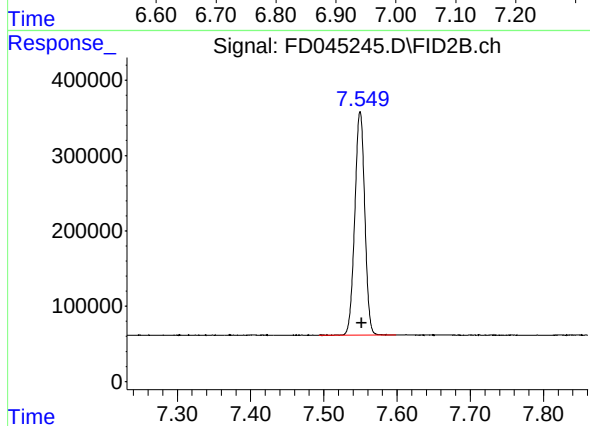
#2 Naphthalene (C11.7)

R.T.: 5.888 min  
Delta R.T.: -0.004 min  
Response: 3288117  
Conc: 20.81 ug/ml



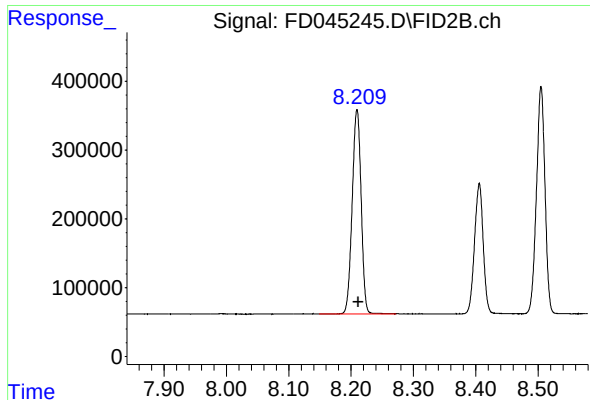
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min  
Delta R.T.: -0.003 min  
Response: 3264875  
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

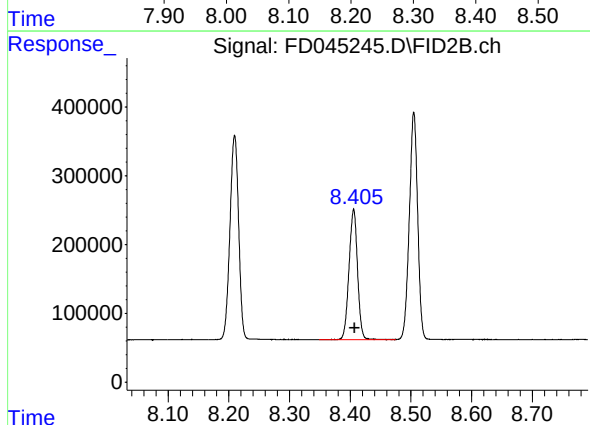
R.T.: 7.550 min  
Delta R.T.: -0.002 min  
Response: 2802786  
Conc: 20.65 ug/ml



#5 Acenaphthylene (C15.06)

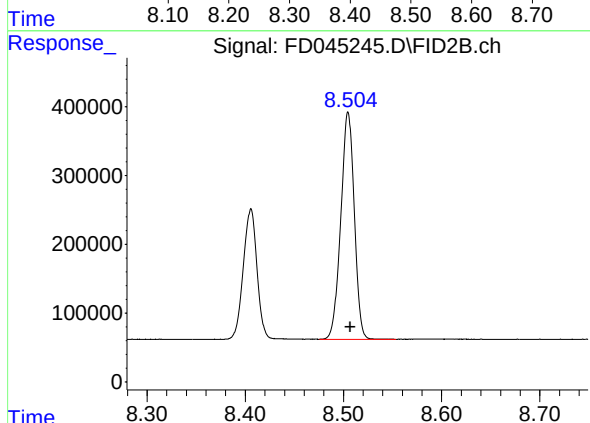
R.T.: 8.210 min  
Delta R.T.: -0.002 min  
Response: 2957617  
Conc: 20.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



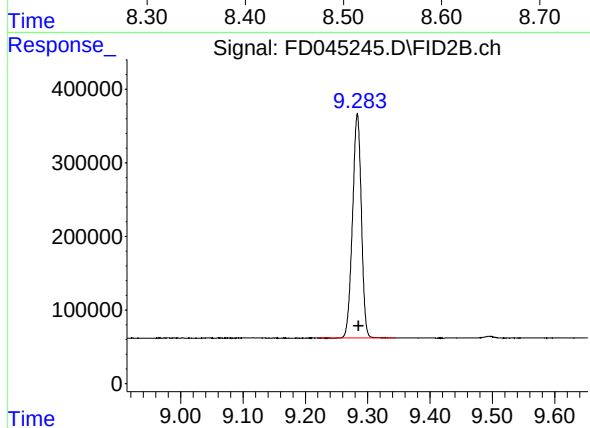
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min  
Delta R.T.: -0.002 min  
Response: 1846789  
Conc: 20.63 ug/ml



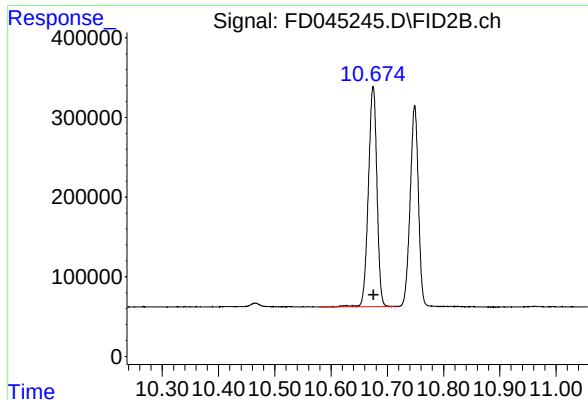
#7 Acenaphthene (C15.5)

R.T.: 8.505 min  
Delta R.T.: -0.002 min  
Response: 3153885  
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

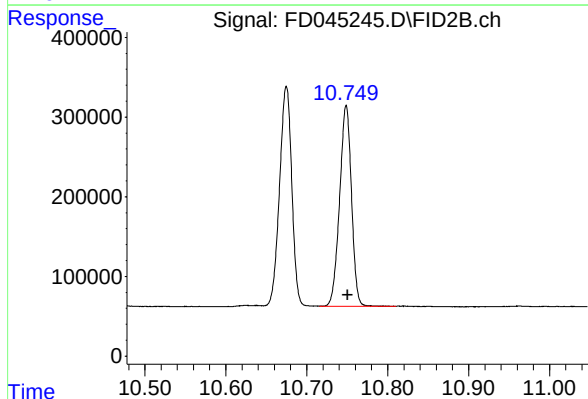
R.T.: 9.283 min  
Delta R.T.: -0.002 min  
Response: 3006760  
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

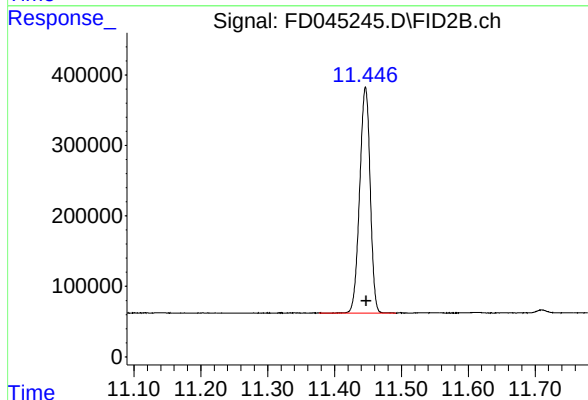
R.T.: 10.675 min  
Delta R.T.: -0.001 min  
Response: 2934152  
Conc: 20.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



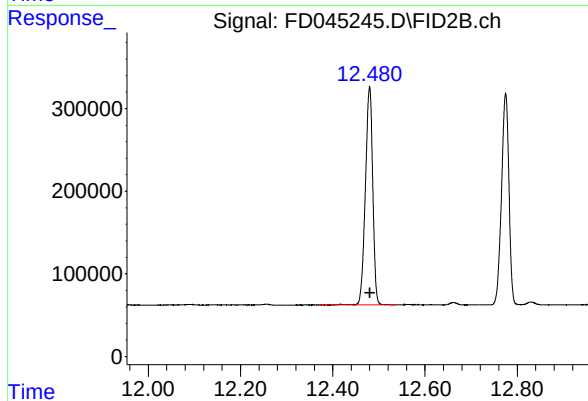
#10 Anthracene (C19.43)

R.T.: 10.749 min  
Delta R.T.: -0.002 min  
Response: 2575372  
Conc: 18.38 ug/ml



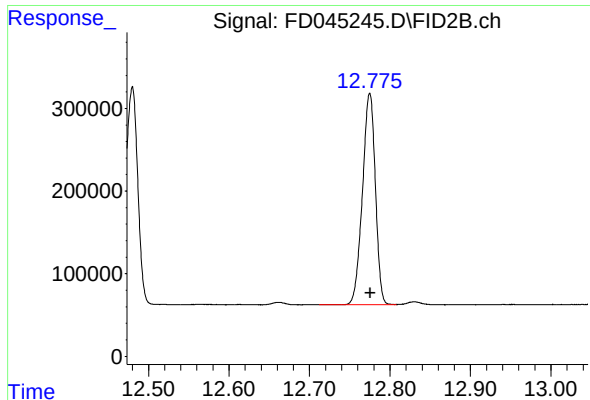
#11 ortho-Terphenyl (SURRE)

R.T.: 11.446 min  
Delta R.T.: -0.002 min  
Response: 3500034  
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

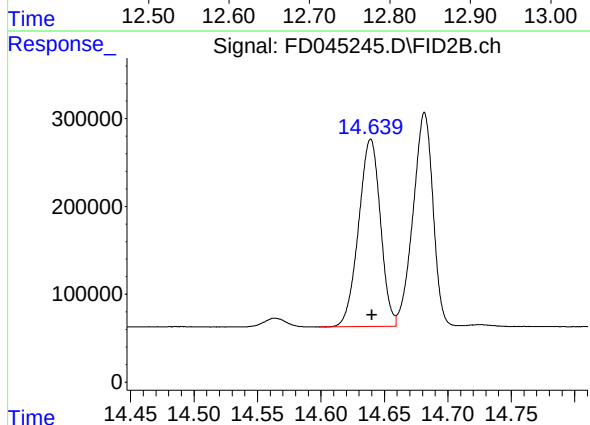
R.T.: 12.480 min  
Delta R.T.: -0.001 min  
Response: 2918430  
Conc: 20.89 ug/ml



#13 Pyrene (C20.8)

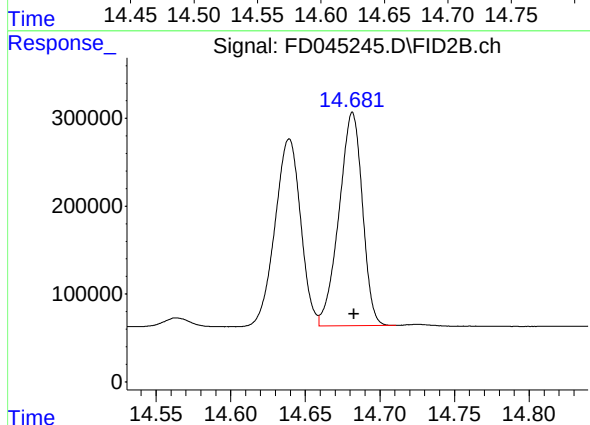
R.T.: 12.775 min  
Delta R.T.: 0.000 min  
Response: 2852123  
Conc: 20.94 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



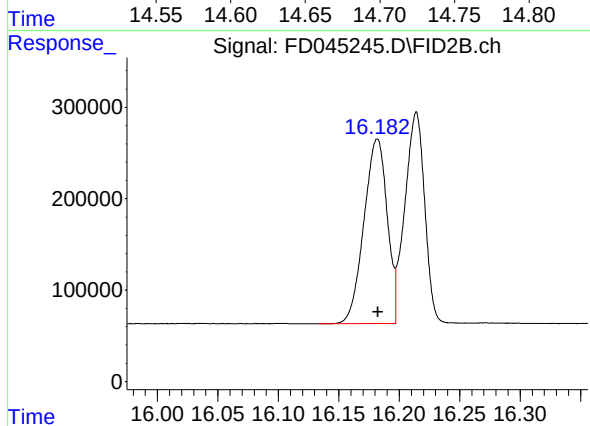
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min  
Delta R.T.: 0.000 min  
Response: 2550957  
Conc: 20.01 ug/ml



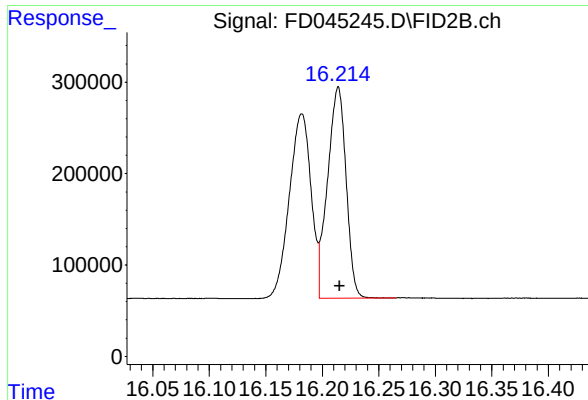
#15 Chrysene (C27.41)

R.T.: 14.682 min  
Delta R.T.: -0.001 min  
Response: 2648738  
Conc: 20.32 ug/ml



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

R.T.: 16.182 min  
Delta R.T.: 0.000 min  
Response: 2702226  
Conc: 20.96 ug/ml



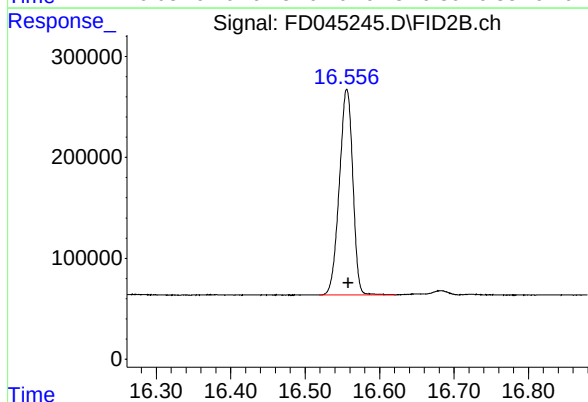
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min  
Delta R.T.: -0.001 min  
Response: 2636632  
Conc: 20.89 ug/ml

Instrument :

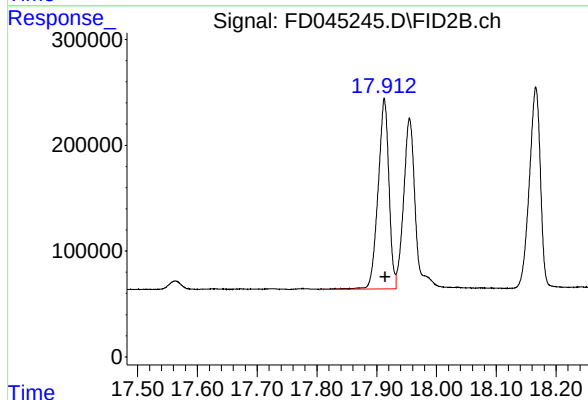
FID\_D

ClientSampleId :



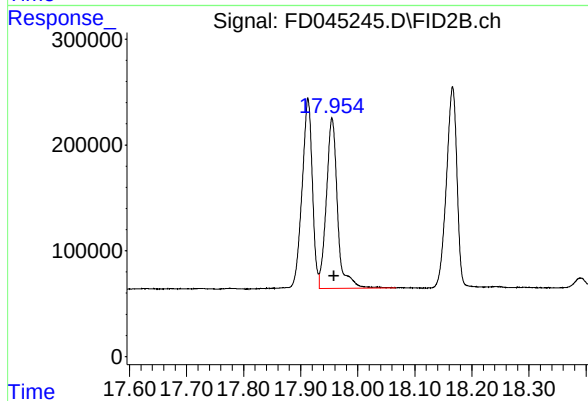
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min  
Delta R.T.: -0.002 min  
Response: 2566784  
Conc: 20.39 ug/ml



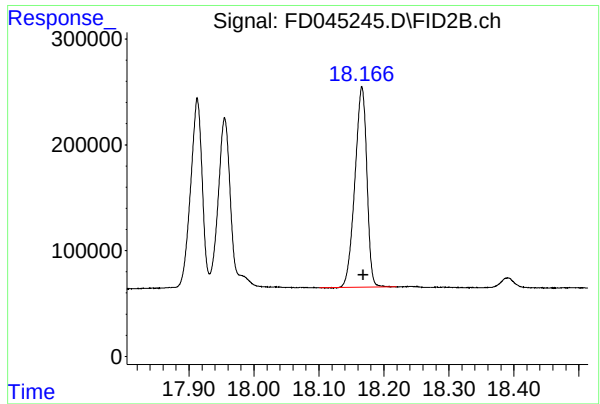
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min  
Delta R.T.: -0.002 min  
Response: 2259165  
Conc: 18.88 ug/ml



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

R.T.: 17.955 min  
Delta R.T.: -0.003 min  
Response: 2204609  
Conc: 18.28 ug/ml



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

R.T.: 18.166 min  
Delta R.T.: -0.002 min  
Response: 2424191  
Conc: 19.48 ug/ml

Instrument :

FID\_D

ClientSampleId :