

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110824AR\  
 Data File : FF014987.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Nov 2024 23:38  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 09 00:29:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 08 08:49:17 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...      | 7.992  | 2602179    | 19.553 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.11%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.867  | 1738542    | 19.493 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.99%       |
| 11) S ortho-Terphenyl (SURR)       | 11.928 | 2869586    | 19.483 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.97%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.610  | 2986472    | 19.622 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.274  | 3062574    | 19.514 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.368  | 3075068    | 19.602 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.667  | 2969379    | 19.526 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.967  | 2964994    | 19.540 ug/ml |
| 8) T Fluorene (C16.55)             | 9.755  | 2884752    | 19.448 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.160 | 2812857    | 19.395 ug/ml |
| 10) T Anthracene (C19.43)          | 11.235 | 2637390    | 19.219 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.980 | 2702848    | 19.340 ug/ml |
| 13) T Pyrene (C20.8)               | 13.279 | 2670067    | 19.378 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.157 | 2563185    | 19.209 ug/ml |
| 15) T Chrysene (C27.41)            | 15.200 | 2603489    | 19.178 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.715 | 2645694    | 19.247 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.747 | 2493381    | 19.384 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.095 | 2624566    | 19.357 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.466 | 2624646    | 19.097 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.506 | 2792583    | 18.875 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.724 | 2877228    | 19.660 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

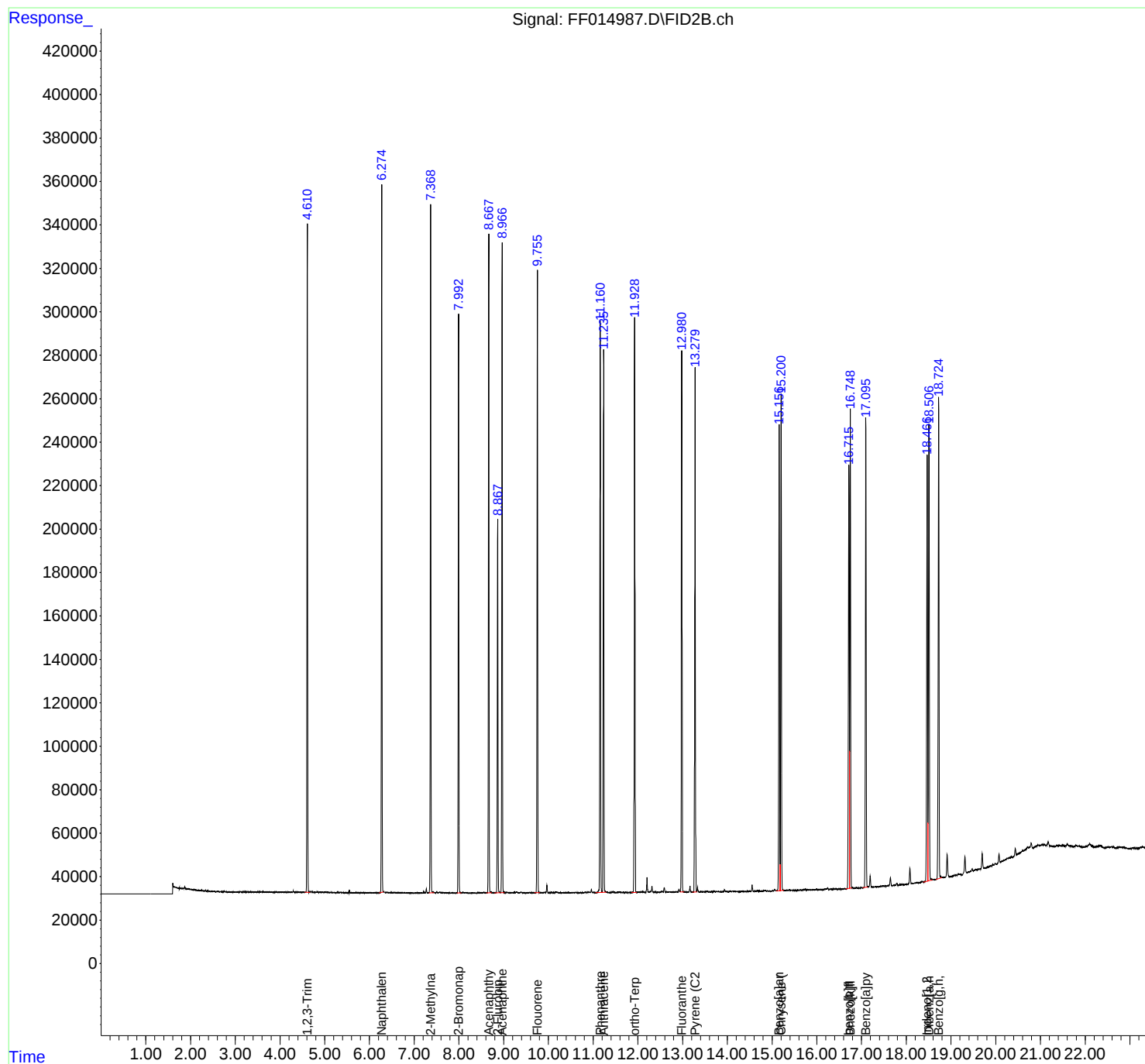
(m)=manual int.

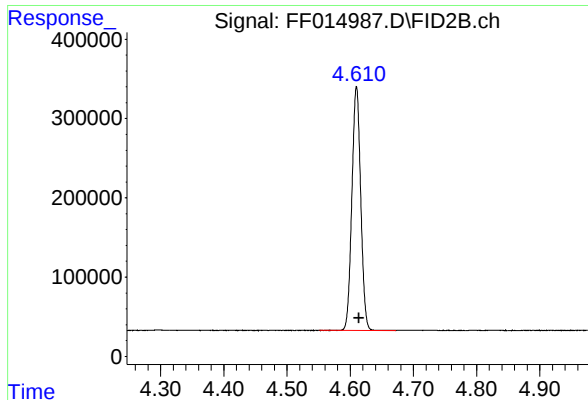
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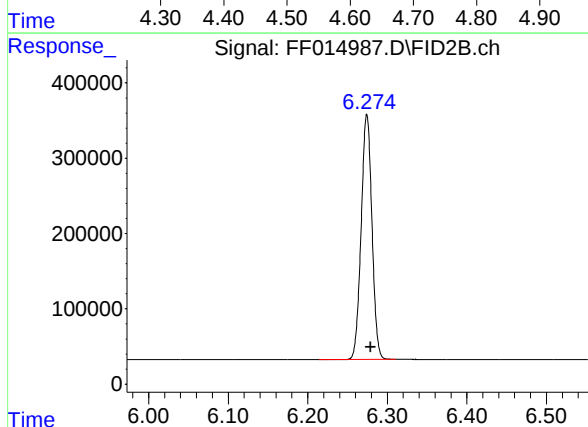




#1 1,2,3-Trimethylbenzene (C10.1)

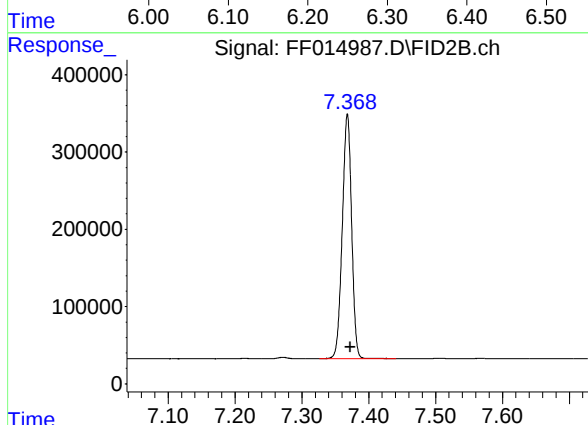
R.T.: 4.610 min  
Delta R.T.: -0.004 min  
Response: 2986472  
Conc: 19.62 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



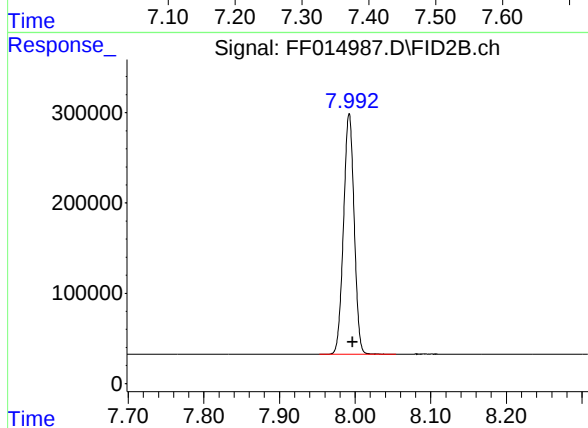
#2 Naphthalene (C11.7)

R.T.: 6.274 min  
Delta R.T.: -0.005 min  
Response: 3062574  
Conc: 19.51 ug/ml



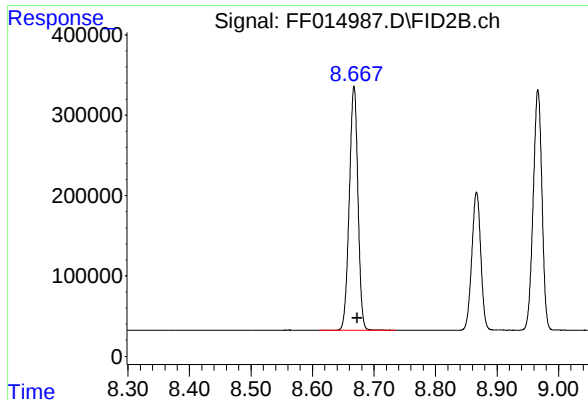
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min  
Delta R.T.: -0.005 min  
Response: 3075068  
Conc: 19.60 ug/ml



#4 2-Bromonaphthalene (SURR)

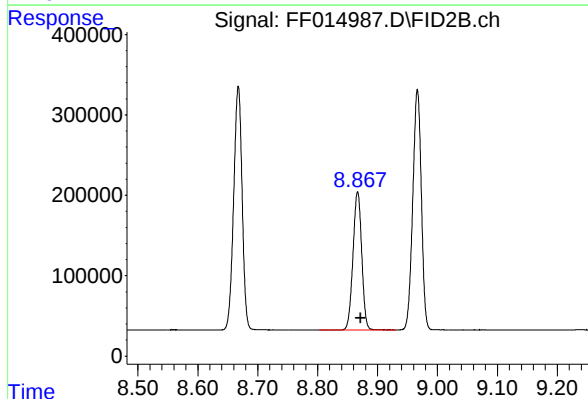
R.T.: 7.992 min  
Delta R.T.: -0.004 min  
Response: 2602179  
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

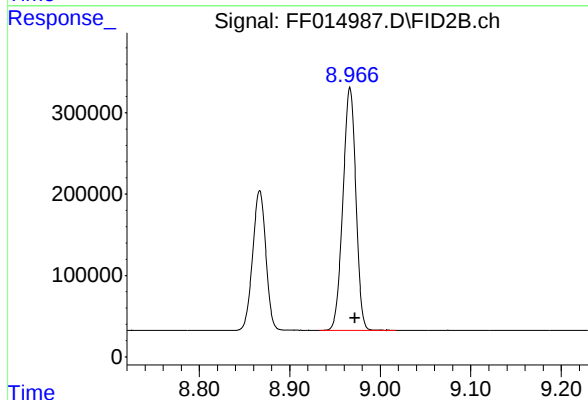
R.T.: 8.667 min  
Delta R.T.: -0.005 min  
Response: 2969379  
Conc: 19.53 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



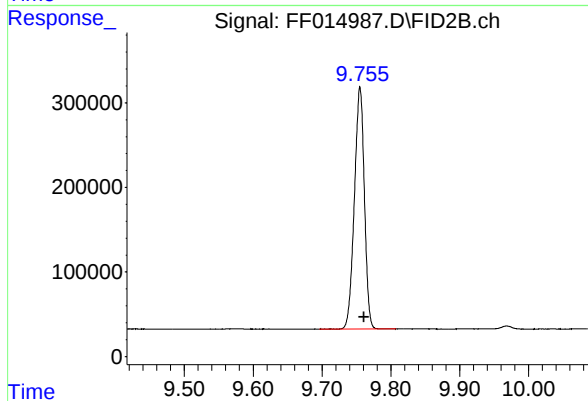
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.867 min  
Delta R.T.: -0.005 min  
Response: 1738542  
Conc: 19.49 ug/ml



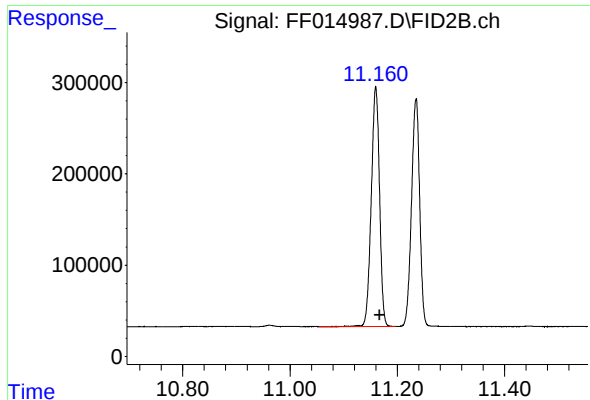
#7 Acenaphthene (C15.5)

R.T.: 8.967 min  
Delta R.T.: -0.005 min  
Response: 2964994  
Conc: 19.54 ug/ml



#8 Flouorene (C16.55)

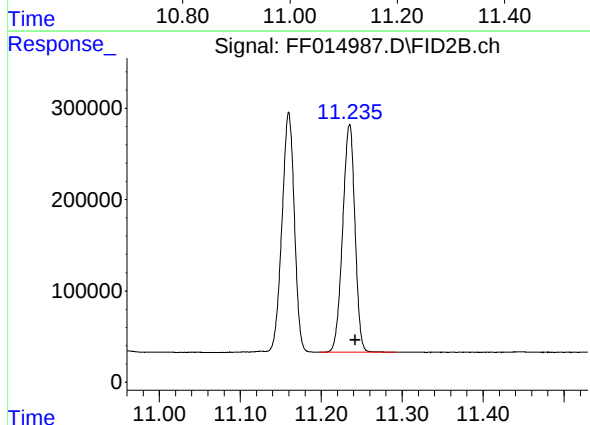
R.T.: 9.755 min  
Delta R.T.: -0.006 min  
Response: 2884752  
Conc: 19.45 ug/ml



#9 Phenanthrene (C19.36)

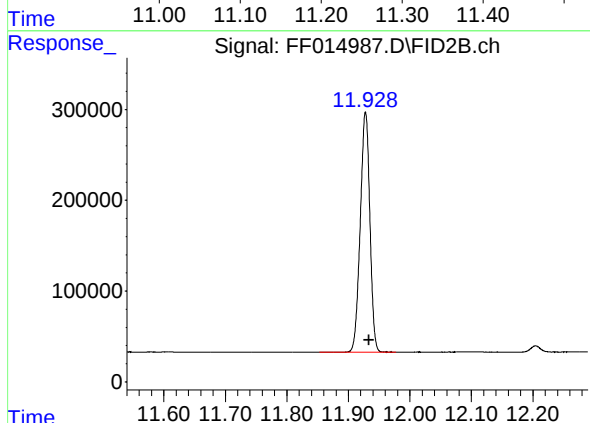
R.T.: 11.160 min  
Delta R.T.: -0.007 min  
Response: 2812857  
Conc: 19.39 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



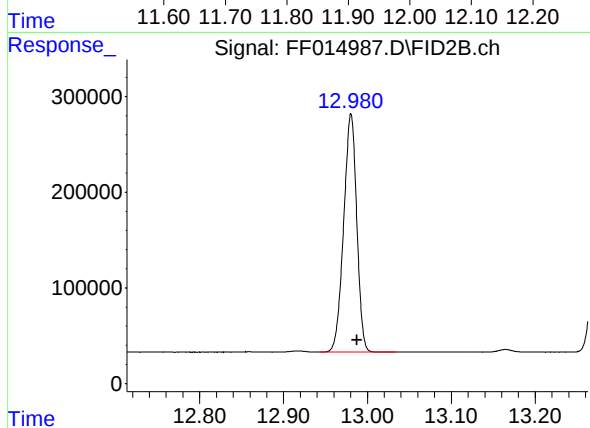
#10 Anthracene (C19.43)

R.T.: 11.235 min  
Delta R.T.: -0.007 min  
Response: 2637390  
Conc: 19.22 ug/ml



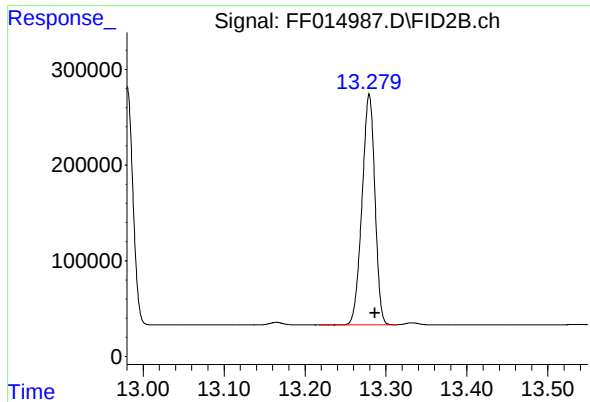
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min  
Delta R.T.: -0.006 min  
Response: 2869586  
Conc: 19.48 ug/ml



#12 Fluoranthene (C21.85)

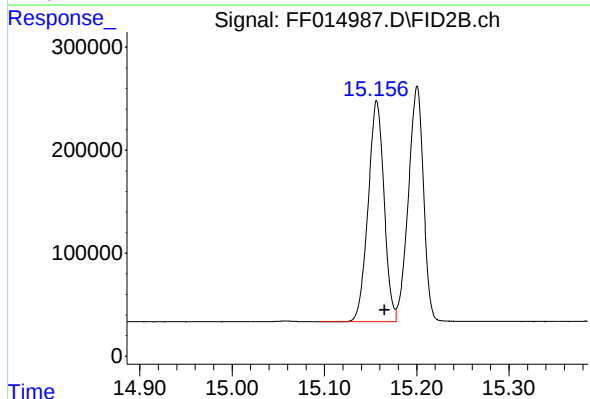
R.T.: 12.980 min  
Delta R.T.: -0.007 min  
Response: 2702848  
Conc: 19.34 ug/ml



#13 Pyrene (C20.8)

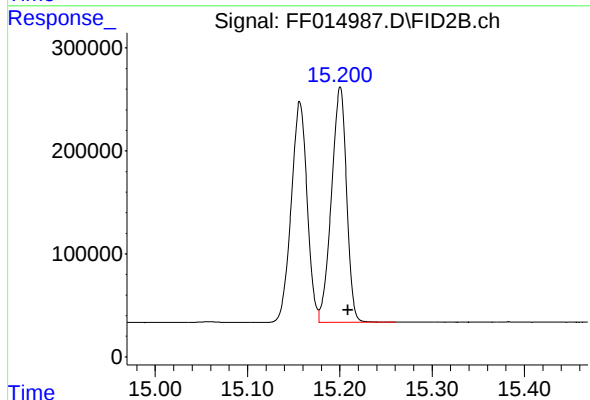
R.T.: 13.279 min  
Delta R.T.: -0.007 min  
Response: 2670067  
Conc: 19.38 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



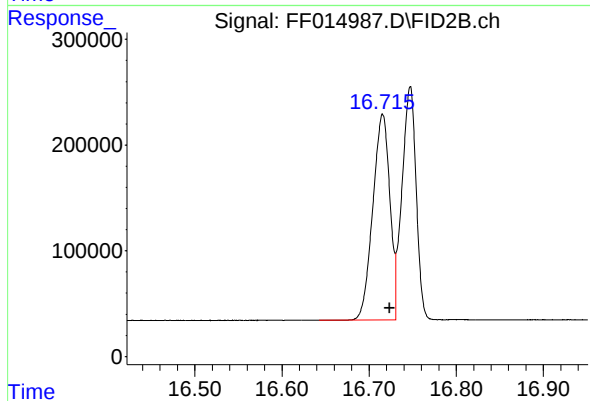
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min  
Delta R.T.: -0.009 min  
Response: 2563185  
Conc: 19.21 ug/ml



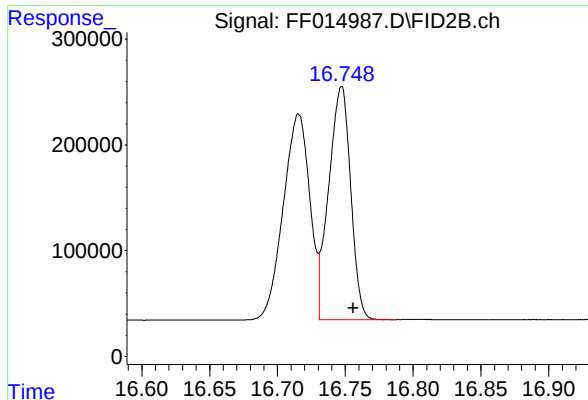
#15 Chrysene (C27.41)

R.T.: 15.200 min  
Delta R.T.: -0.009 min  
Response: 2603489  
Conc: 19.18 ug/ml



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

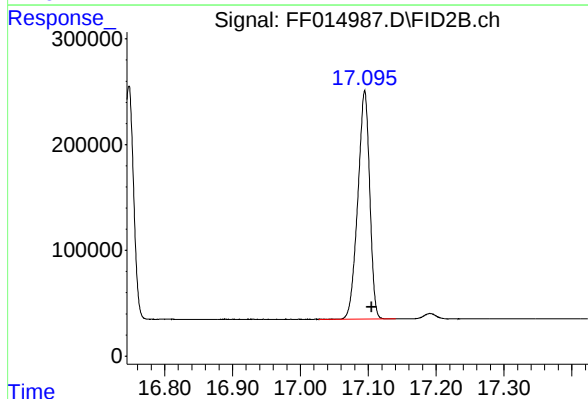
R.T.: 16.715 min  
Delta R.T.: -0.008 min  
Response: 2645694  
Conc: 19.25 ug/ml



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

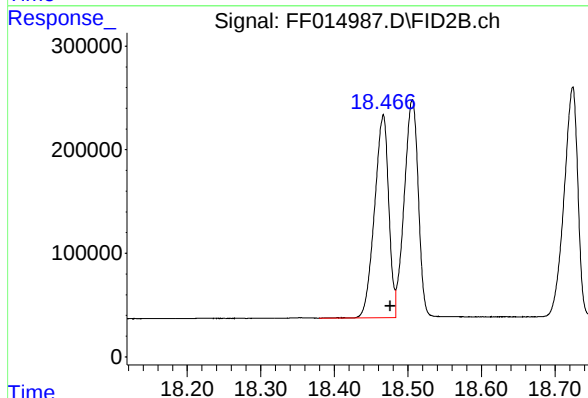
R.T.: 16.747 min  
Delta R.T.: -0.009 min  
Response: 2493381  
Conc: 19.38 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



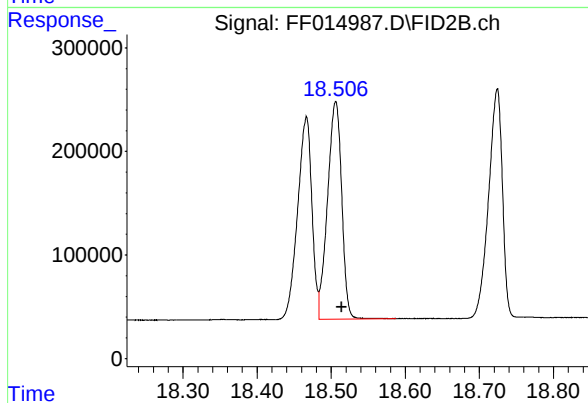
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.095 min  
Delta R.T.: -0.010 min  
Response: 2624566  
Conc: 19.36 ug/ml



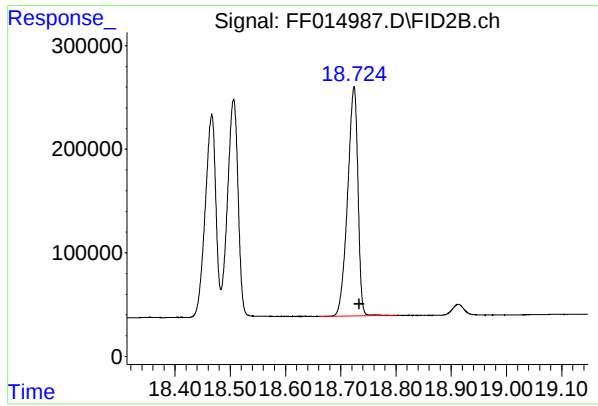
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min  
Delta R.T.: -0.010 min  
Response: 2624646  
Conc: 19.10 ug/ml



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

R.T.: 18.506 min  
Delta R.T.: -0.009 min  
Response: 2792583  
Conc: 18.88 ug/ml



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

R.T.: 18.724 min

Delta R.T.: -0.010 min

Response: 2877228

Conc: 19.66 ug/ml

Instrument :

FID\_F

ClientSampleId :