

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020723AR\  
 Data File : FD044992.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2023 14:12  
 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: Feb 09 10:05:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 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...      | 7.555  | 3132048    | 21.356 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.71%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.411  | 2131389    | 21.354 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.71%       |
| 11) S ortho-Terphenyl (SURR)       | 11.452 | 3971161    | 21.366 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.73%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.364  | 3400657    | 21.304 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.895  | 3595351    | 21.220 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.944  | 3637217    | 21.201 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.216  | 3266697    | 20.788 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.511  | 3552917    | 21.368 ug/ml |
| 8) T Flouorene (C16.55)            | 9.290  | 3505835    | 21.359 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.681 | 3444043    | 21.301 ug/ml |
| 10) T Anthracene (C19.43)          | 10.755 | 2613416    | 17.629 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.486 | 3424879    | 21.400 ug/ml |
| 13) T Pyrene (C20.8)               | 12.781 | 3304941    | 21.062 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.645 | 2952647    | 20.688 ug/ml |
| 15) T Chrysene (C27.41)            | 14.688 | 3182452    | 21.494 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.189 | 3011950    | 20.762 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.222 | 3144469    | 22.055 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.563 | 2732961    | 19.558 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.922 | 2917805    | 21.682 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.965 | 3209924    | 24.222 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.176 | 2884669    | 21.216 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

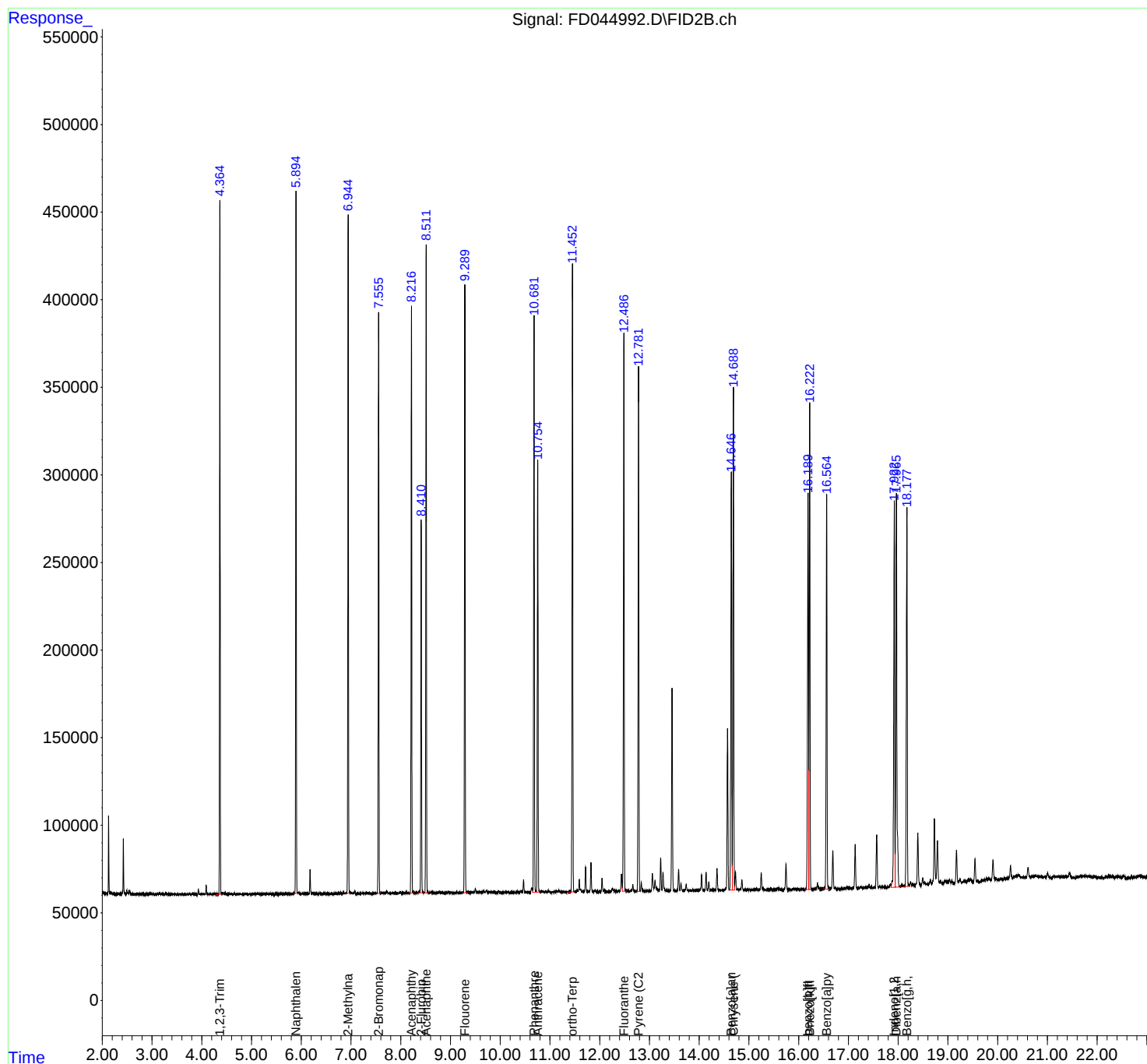
(m)=manual int.

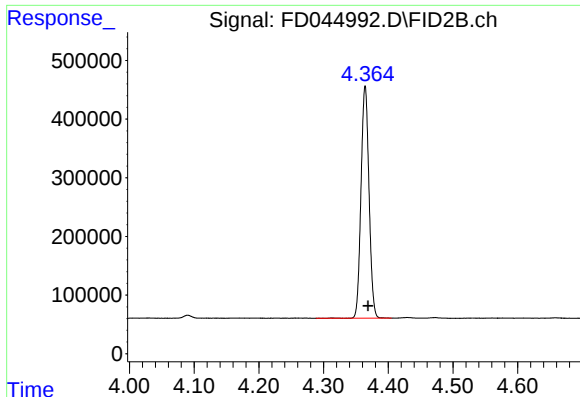
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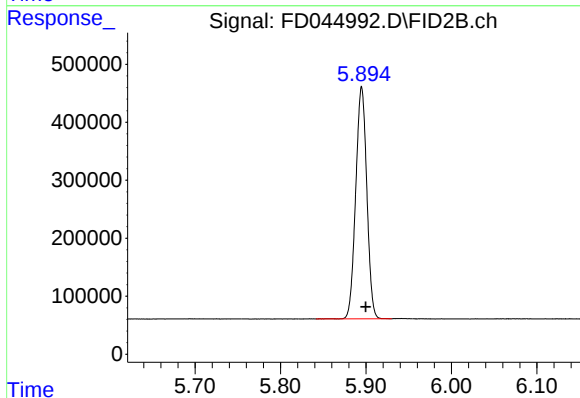




#1 1,2,3-Trimethylbenzene (C10.1)

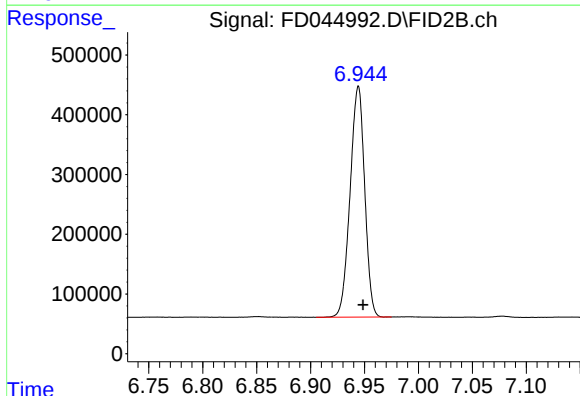
R.T.: 4.364 min  
Delta R.T.: -0.005 min  
Response: 3400657  
Conc: 21.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



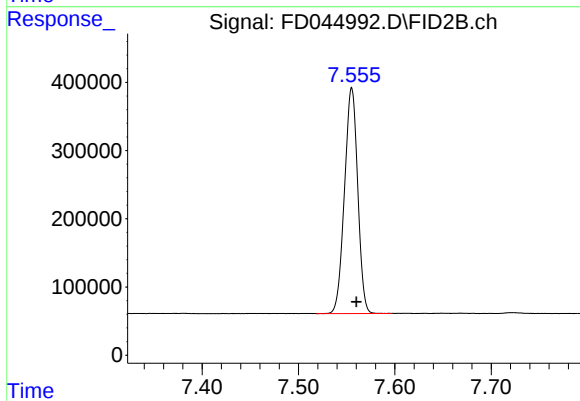
#2 Naphthalene (C11.7)

R.T.: 5.895 min  
Delta R.T.: -0.005 min  
Response: 3595351  
Conc: 21.22 ug/ml



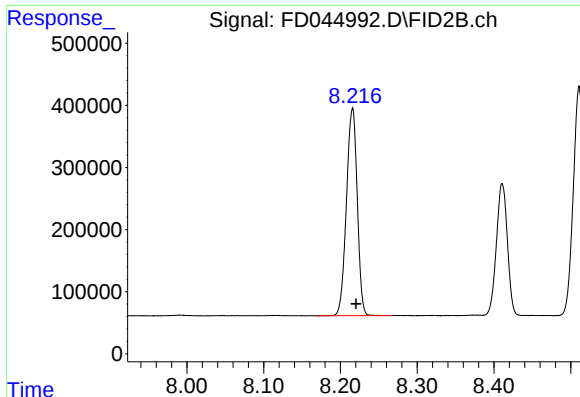
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min  
Delta R.T.: -0.005 min  
Response: 3637217  
Conc: 21.20 ug/ml



#4 2-Bromonaphthalene (SURR)

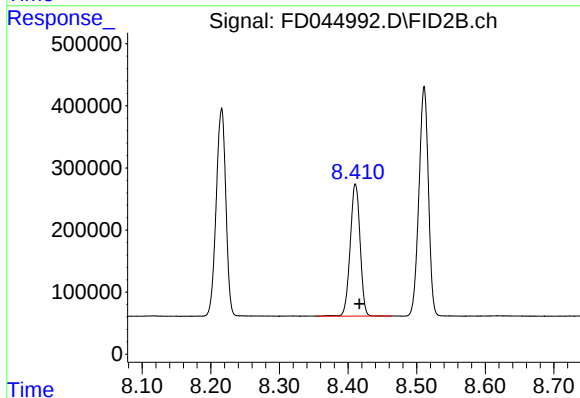
R.T.: 7.555 min  
Delta R.T.: -0.005 min  
Response: 3132048  
Conc: 21.36 ug/ml



#5 Acenaphthylene (C15.06)

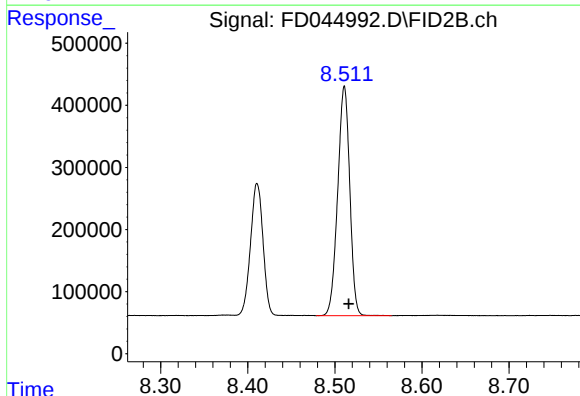
R.T.: 8.216 min  
Delta R.T.: -0.005 min  
Response: 3266697  
Conc: 20.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



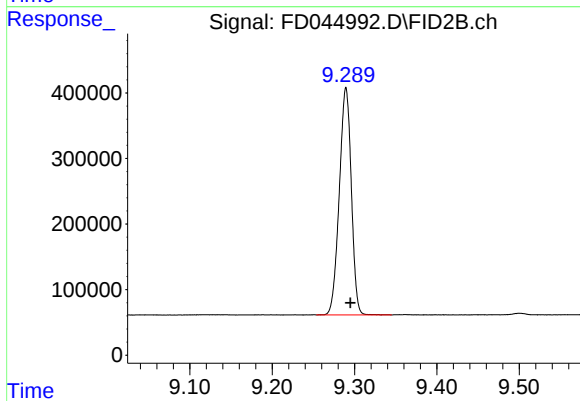
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min  
Delta R.T.: -0.006 min  
Response: 2131389  
Conc: 21.35 ug/ml



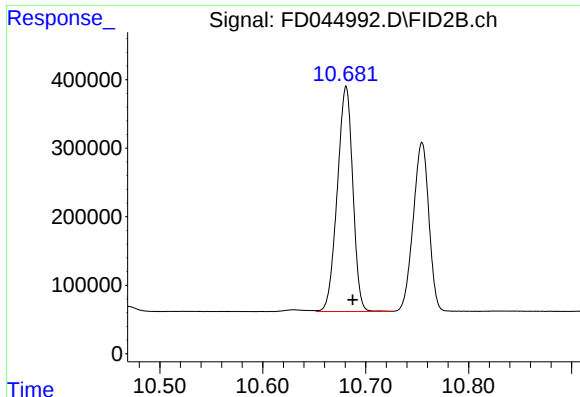
#7 Acenaphthene (C15.5)

R.T.: 8.511 min  
Delta R.T.: -0.005 min  
Response: 3552917  
Conc: 21.37 ug/ml



#8 Flouorene (C16.55)

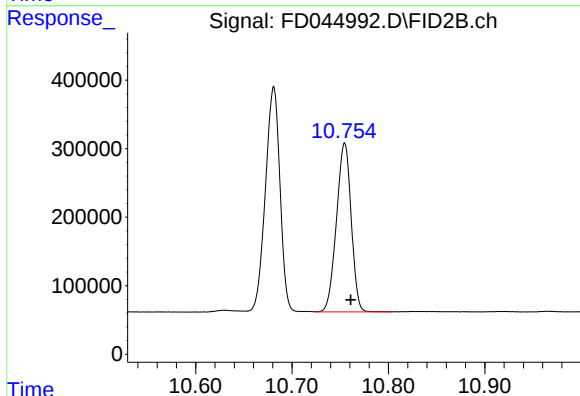
R.T.: 9.290 min  
Delta R.T.: -0.006 min  
Response: 3505835  
Conc: 21.36 ug/ml



#9 Phenanthrene (C19.36)

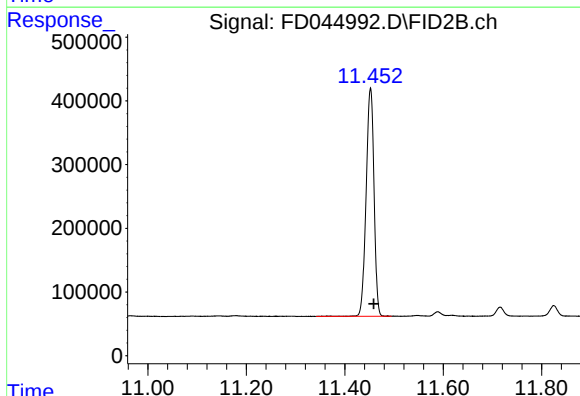
R.T.: 10.681 min  
Delta R.T.: -0.006 min  
Response: 3444043  
Conc: 21.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



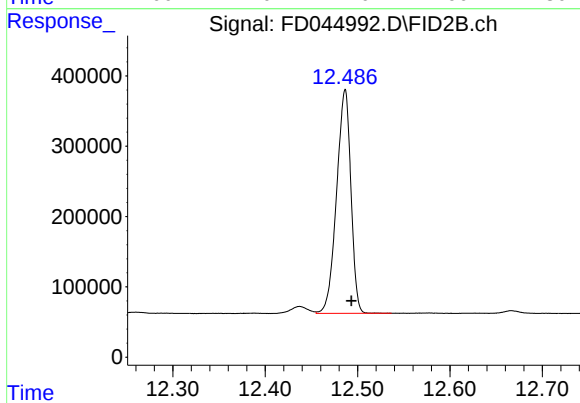
#10 Anthracene (C19.43)

R.T.: 10.755 min  
Delta R.T.: -0.006 min  
Response: 2613416  
Conc: 17.63 ug/ml



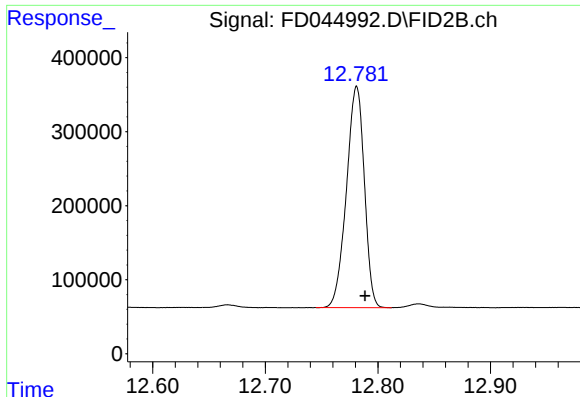
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min  
Delta R.T.: -0.007 min  
Response: 3971161  
Conc: 21.37 ug/ml



#12 Fluoranthene (C21.85)

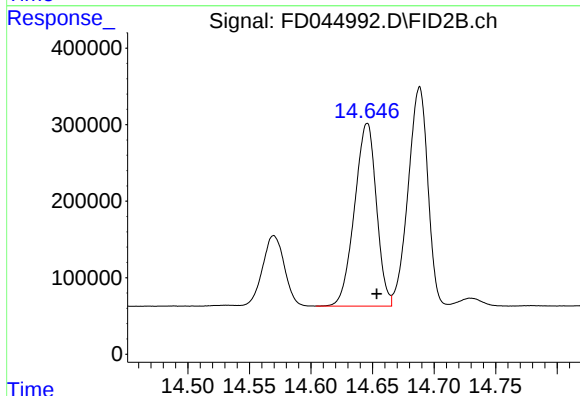
R.T.: 12.486 min  
Delta R.T.: -0.007 min  
Response: 3424879  
Conc: 21.40 ug/ml



#13 Pyrene (C20.8)

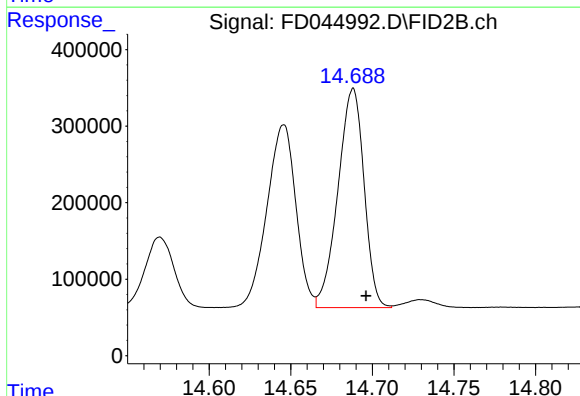
R.T.: 12.781 min  
Delta R.T.: -0.007 min  
Response: 3304941  
Conc: 21.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



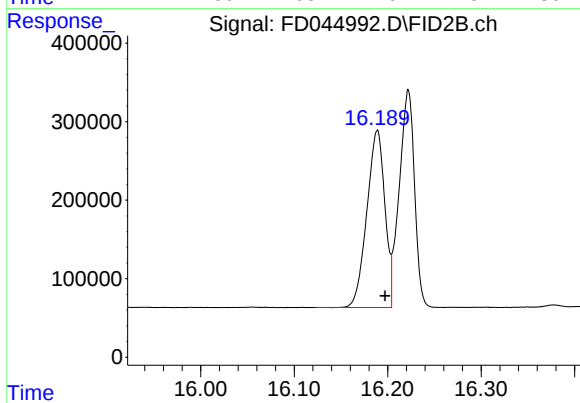
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min  
Delta R.T.: -0.008 min  
Response: 2952647  
Conc: 20.69 ug/ml



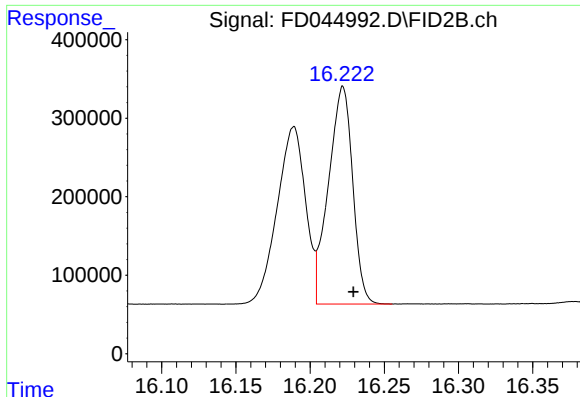
#15 Chrysene (C27.41)

R.T.: 14.688 min  
Delta R.T.: -0.008 min  
Response: 3182452  
Conc: 21.49 ug/ml



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

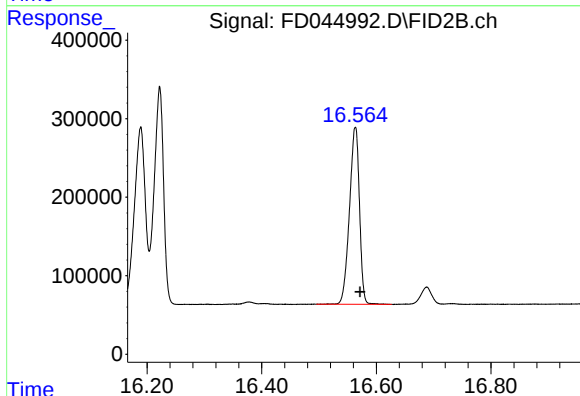
R.T.: 16.189 min  
Delta R.T.: -0.008 min  
Response: 3011950  
Conc: 20.76 ug/ml



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

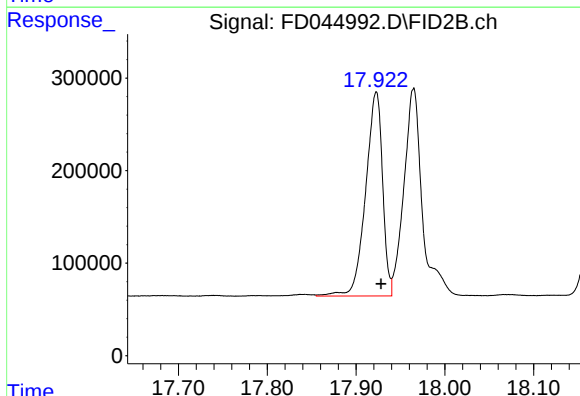
R.T.: 16.222 min  
Delta R.T.: -0.007 min  
Response: 3144469  
Conc: 22.06 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



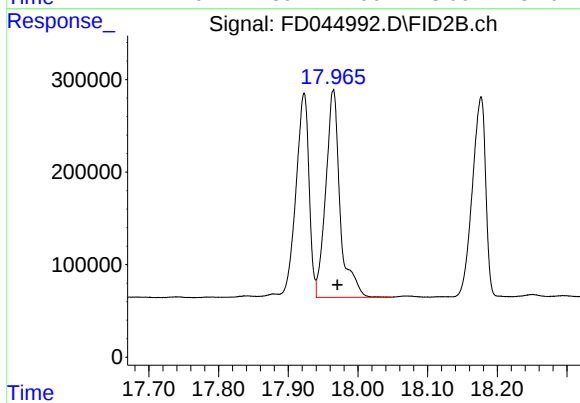
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min  
Delta R.T.: -0.009 min  
Response: 2732961  
Conc: 19.56 ug/ml



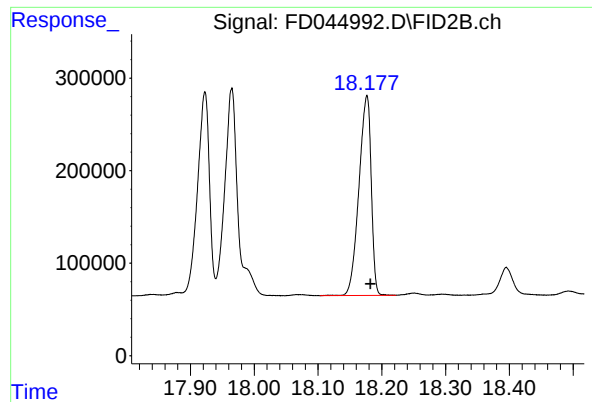
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min  
Delta R.T.: -0.006 min  
Response: 2917805  
Conc: 21.68 ug/ml



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

R.T.: 17.965 min  
Delta R.T.: -0.006 min  
Response: 3209924  
Conc: 24.22 ug/ml



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

R.T.: 18.176 min  
Delta R.T.: -0.006 min  
Response: 2884669  
Conc: 21.22 ug/ml

Instrument :

FID\_D

ClientSampleId :