

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050224AR\  
 Data File : FD047617.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 May 2024 13:46  
 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: May 03 01:56:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 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...      | 7.460  | 3134017    | 19.984 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.97%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.313  | 2096347    | 20.041 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.08%       |
| 11) S ortho-Terphenyl (SURR)       | 11.352 | 3721822    | 19.846 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.69%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.275  | 3239957    | 20.039 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.799  | 3387000    | 20.017 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.848  | 3425939    | 20.112 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.116  | 3187755    | 19.547 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.411  | 3396441    | 20.205 ug/ml |
| 8) T Flouorene (C16.55)            | 9.190  | 3328692    | 20.011 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.580 | 3315571    | 20.252 ug/ml |
| 10) T Anthracene (C19.43)          | 10.654 | 2714200    | 18.121 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.386 | 3346421    | 20.167 ug/ml |
| 13) T Pyrene (C20.8)               | 12.681 | 3233395    | 19.872 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.549 | 2896251    | 19.841 ug/ml |
| 15) T Chrysene (C27.41)            | 14.590 | 3082737    | 19.562 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.095 | 2993752    | 20.044 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.127 | 3065349    | 20.361 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.471 | 2851112    | 19.759 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.834 | 2725608    | 20.083 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.873 | 3017396    | 21.075 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.085 | 2818532    | 20.529 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

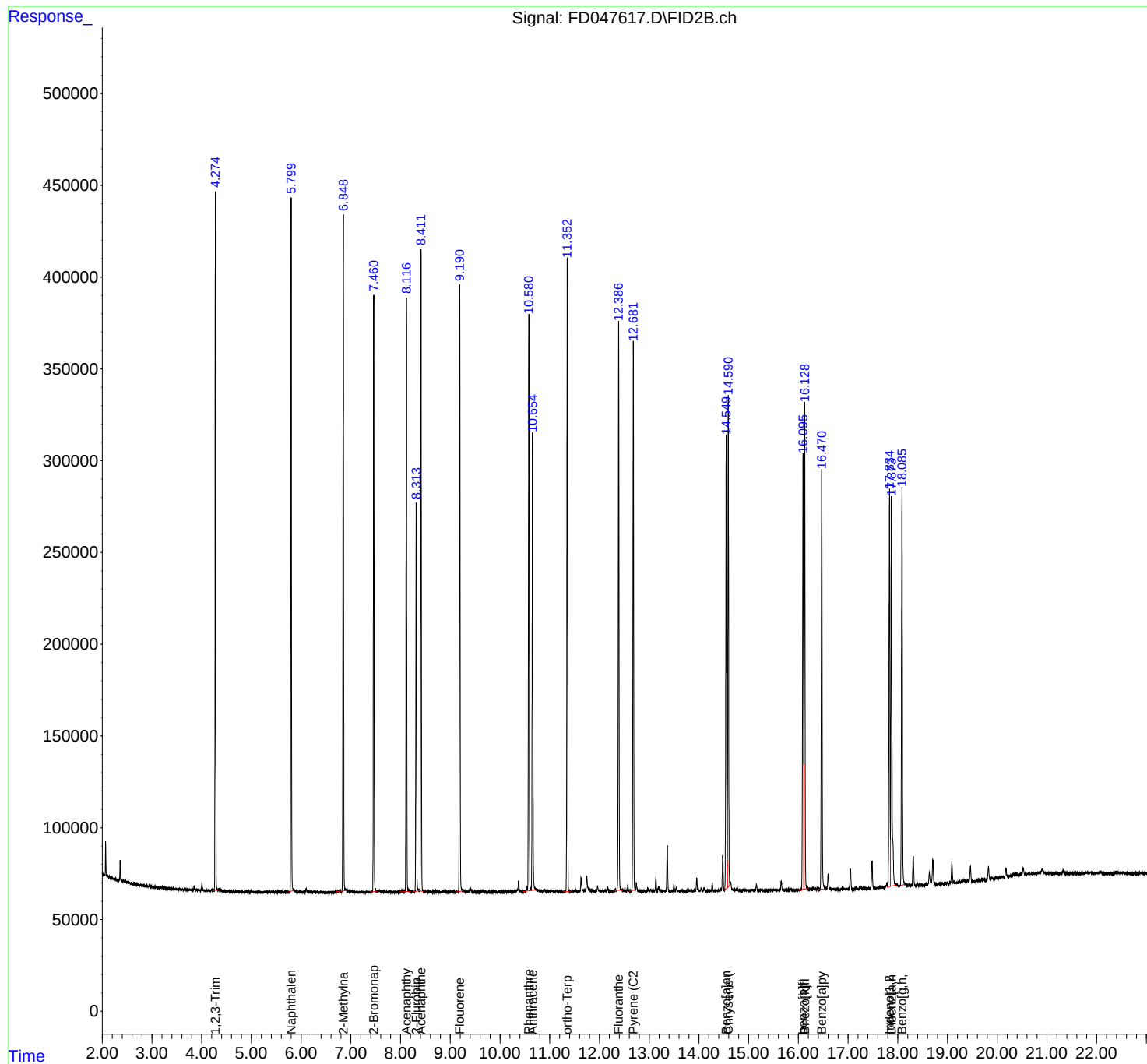
(m)=manual int.

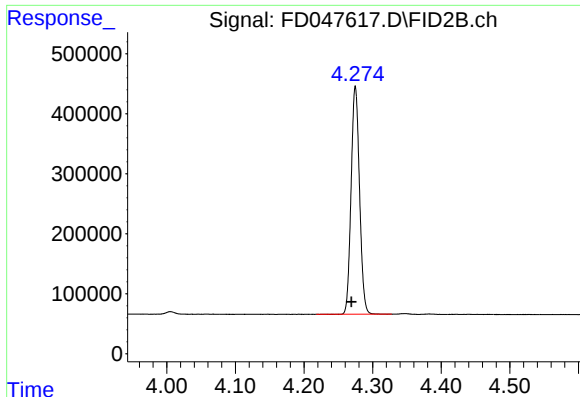
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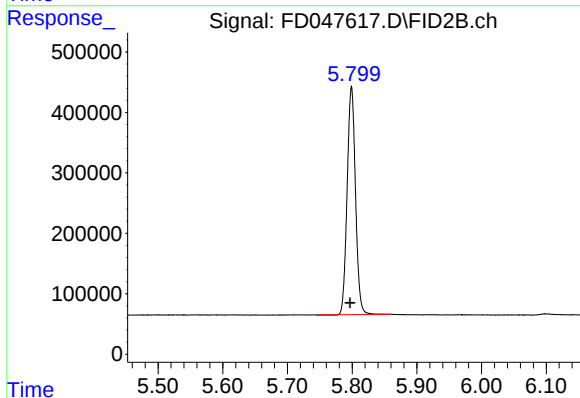




#1 1,2,3-Trimethylbenzene (C10.1)

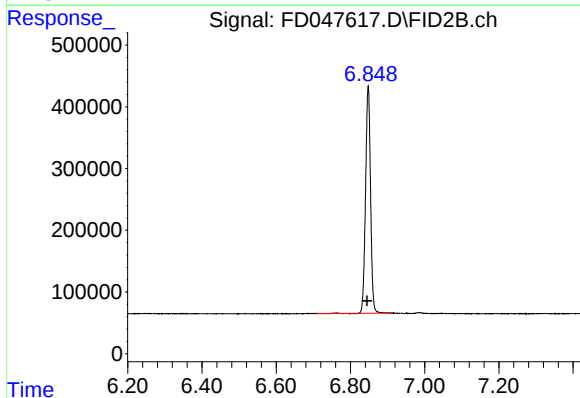
R.T.: 4.275 min  
Delta R.T.: 0.006 min  
Response: 3239957  
Conc: 20.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



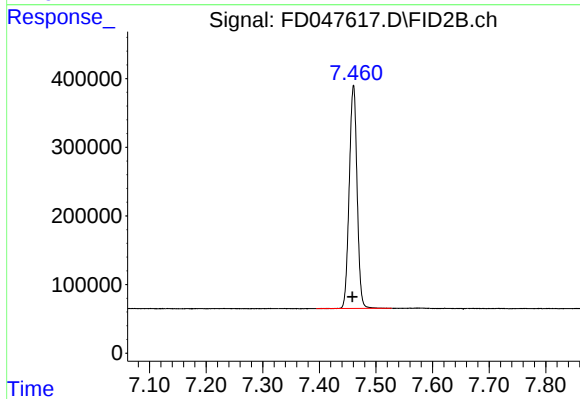
#2 Naphthalene (C11.7)

R.T.: 5.799 min  
Delta R.T.: 0.002 min  
Response: 3387000  
Conc: 20.02 ug/ml



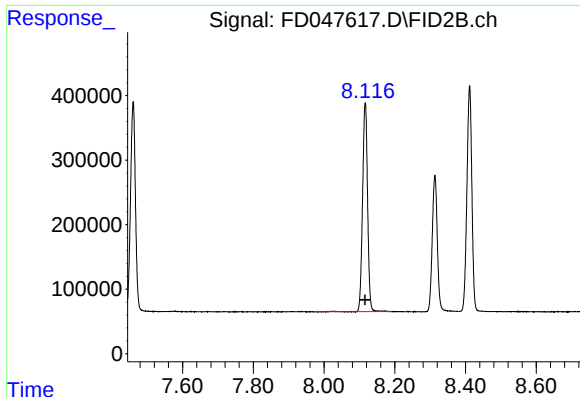
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min  
Delta R.T.: 0.003 min  
Response: 3425939  
Conc: 20.11 ug/ml



#4 2-Bromonaphthalene (SURR)

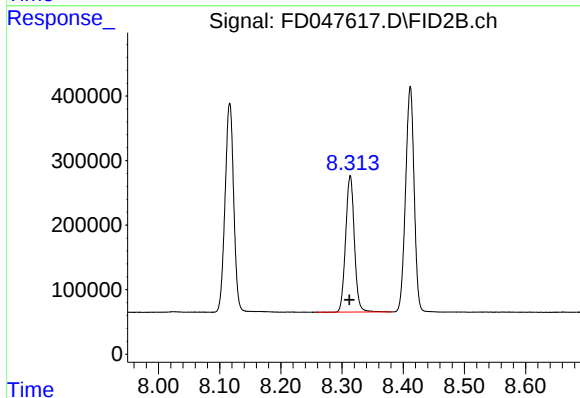
R.T.: 7.460 min  
Delta R.T.: 0.002 min  
Response: 3134017  
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

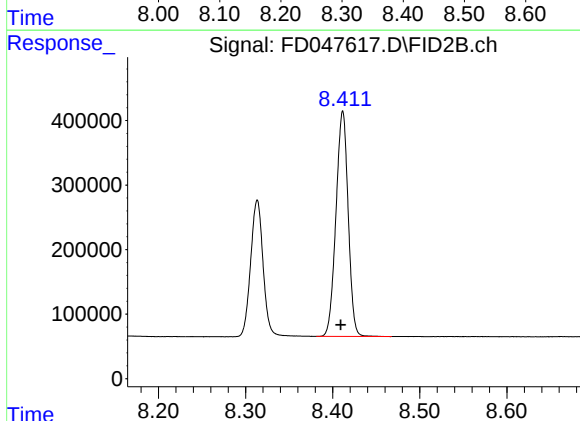
R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 3187755  
Conc: 19.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



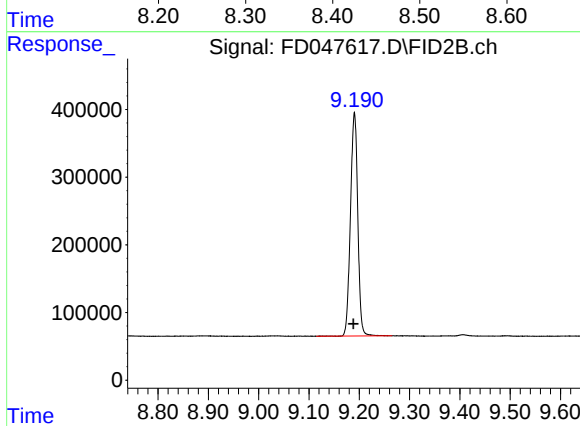
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min  
Delta R.T.: 0.000 min  
Response: 2096347  
Conc: 20.04 ug/ml



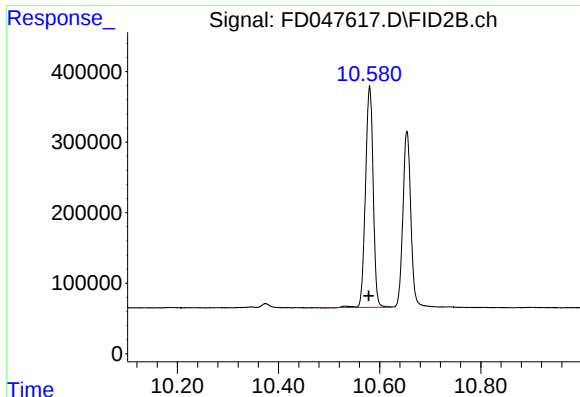
#7 Acenaphthene (C15.5)

R.T.: 8.411 min  
Delta R.T.: 0.002 min  
Response: 3396441  
Conc: 20.21 ug/ml



#8 Fluorene (C16.55)

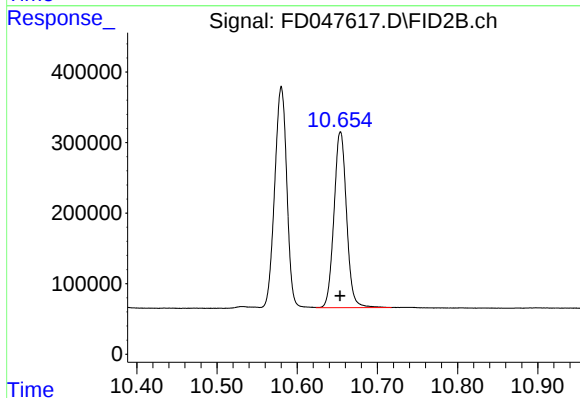
R.T.: 9.190 min  
Delta R.T.: 0.002 min  
Response: 3328692  
Conc: 20.01 ug/ml



#9 Phenanthrene (C19.36)

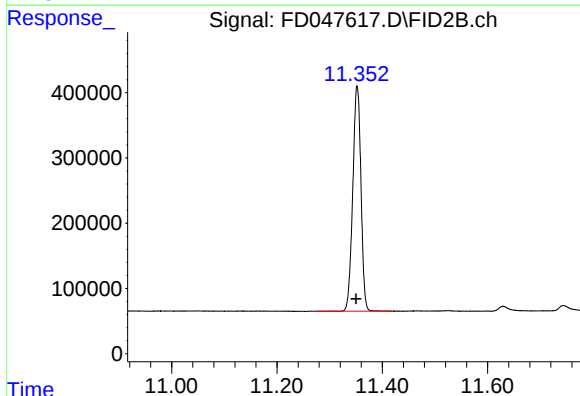
R.T.: 10.580 min  
Delta R.T.: 0.002 min  
Response: 3315571  
Conc: 20.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



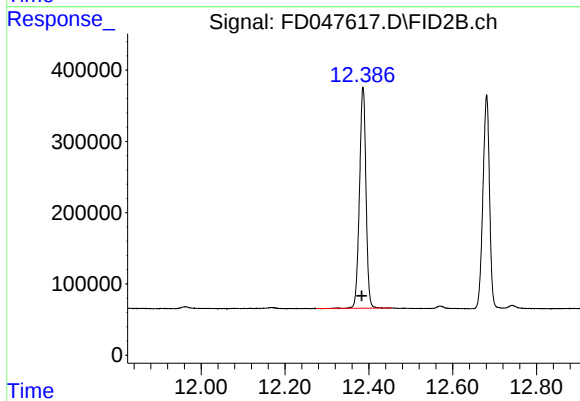
#10 Anthracene (C19.43)

R.T.: 10.654 min  
Delta R.T.: 0.000 min  
Response: 2714200  
Conc: 18.12 ug/ml



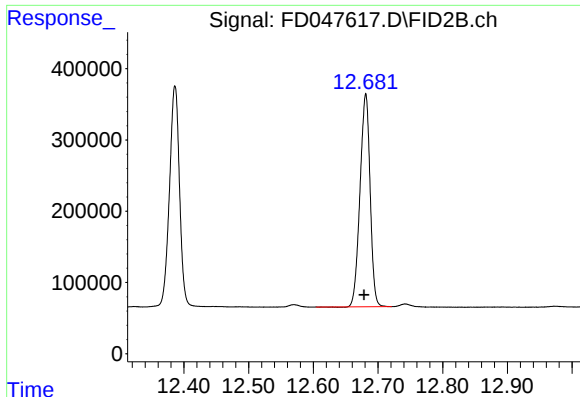
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min  
Delta R.T.: 0.002 min  
Response: 3721822  
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

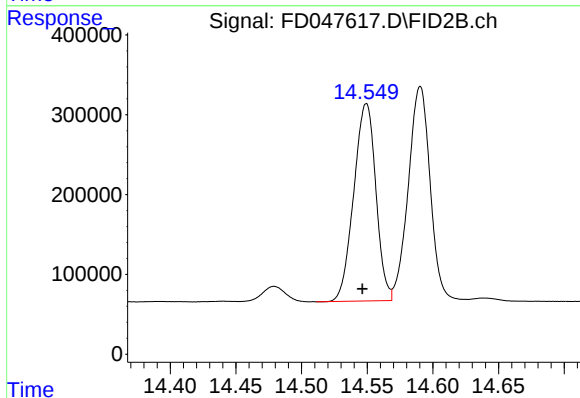
R.T.: 12.386 min  
Delta R.T.: 0.003 min  
Response: 3346421  
Conc: 20.17 ug/ml



#13 Pyrene (C20.8)

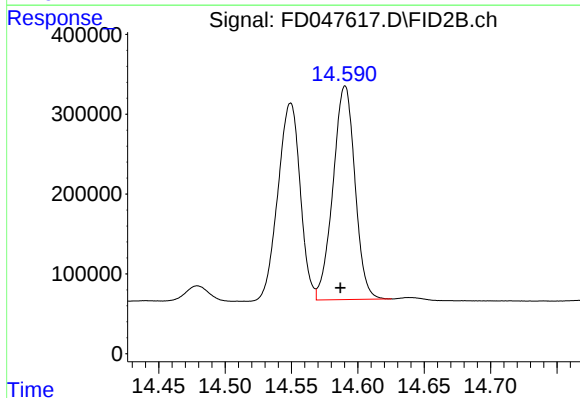
R.T.: 12.681 min  
Delta R.T.: 0.003 min  
Response: 3233395  
Conc: 19.87 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



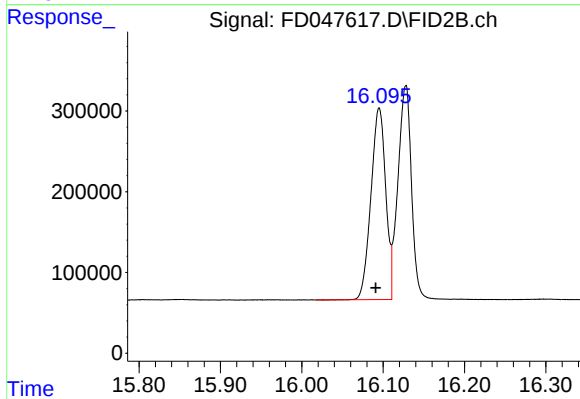
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min  
Delta R.T.: 0.003 min  
Response: 2896251  
Conc: 19.84 ug/ml



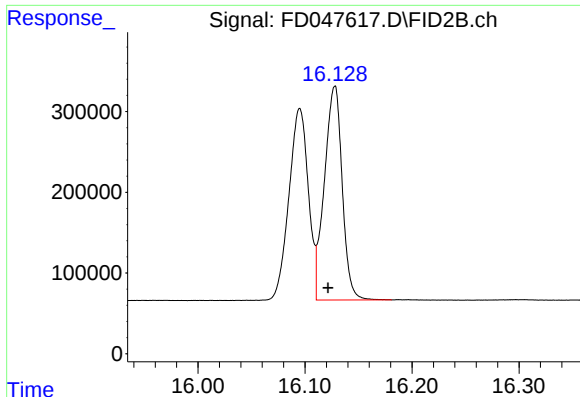
#15 Chrysene (C27.41)

R.T.: 14.590 min  
Delta R.T.: 0.003 min  
Response: 3082737  
Conc: 19.56 ug/ml



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

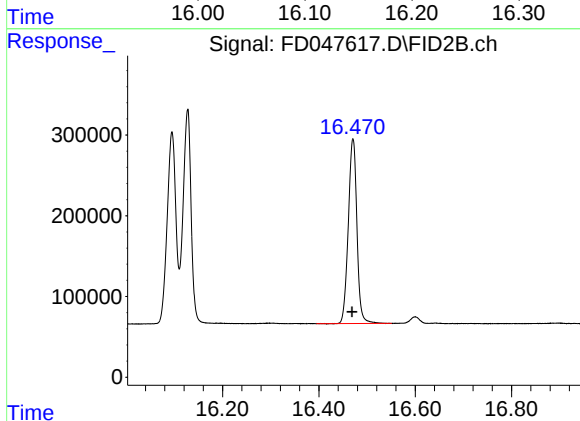
R.T.: 16.095 min  
Delta R.T.: 0.004 min  
Response: 2993752  
Conc: 20.04 ug/ml



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

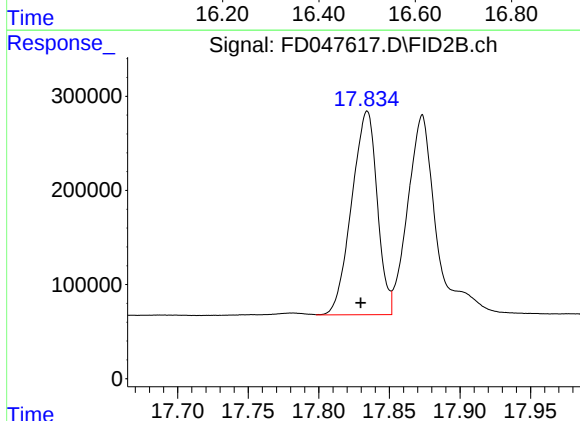
R.T.: 16.127 min  
Delta R.T.: 0.006 min  
Response: 3065349  
Conc: 20.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



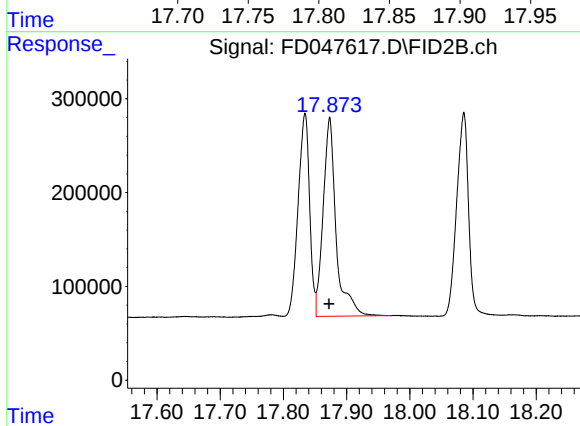
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min  
Delta R.T.: 0.002 min  
Response: 2851112  
Conc: 19.76 ug/ml



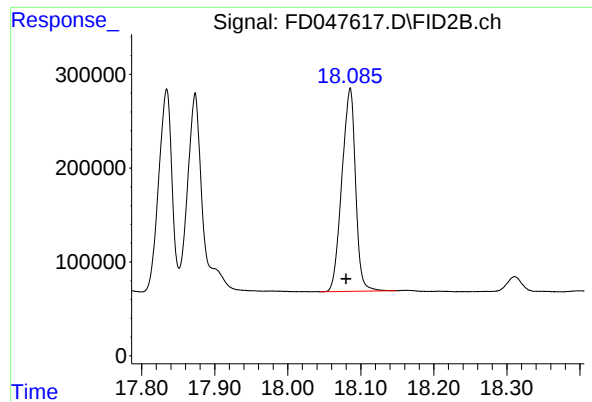
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min  
Delta R.T.: 0.004 min  
Response: 2725608  
Conc: 20.08 ug/ml



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

R.T.: 17.873 min  
Delta R.T.: 0.000 min  
Response: 3017396  
Conc: 21.07 ug/ml



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

R.T.: 18.085 min  
Delta R.T.: 0.005 min  
Response: 2818532  
Conc: 20.53 ug/ml

Instrument :

FID\_D

ClientSampleId :