

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041223AR\  
 Data File : FD045470.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Apr 2023 11:51  
 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: Apr 13 02:58:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:56:14 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...      | 7.545  | 2678331    | 19.549 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.10%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.400  | 1741089    | 19.422 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.84%       |
| 11) S ortho-Terphenyl (SURR)       | 11.440 | 3303017    | 18.985 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.97%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.354  | 3108624    | 19.955 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.885  | 3175855    | 19.762 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.934  | 3140255    | 19.617 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.204  | 2835721    | 19.368 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.500  | 3009871    | 19.405 ug/ml |
| 8) T Fluorene (C16.55)             | 9.278  | 2850580    | 19.223 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.669 | 2744796    | 18.948 ug/ml |
| 10) T Anthracene (C19.43)          | 10.743 | 2612032    | 18.897 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.473 | 2702809    | 18.786 ug/ml |
| 13) T Pyrene (C20.8)               | 12.768 | 2638879    | 18.769 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.634 | 2425551    | 18.914 ug/ml |
| 15) T Chrysene (C27.41)            | 14.676 | 2534523    | 19.114 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.176 | 2466430    | 18.987 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.208 | 2439164    | 19.258 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.551 | 2353318    | 18.717 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.907 | 2071914    | 17.505 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.950 | 2102136    | 17.645 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.161 | 2283367    | 18.280 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

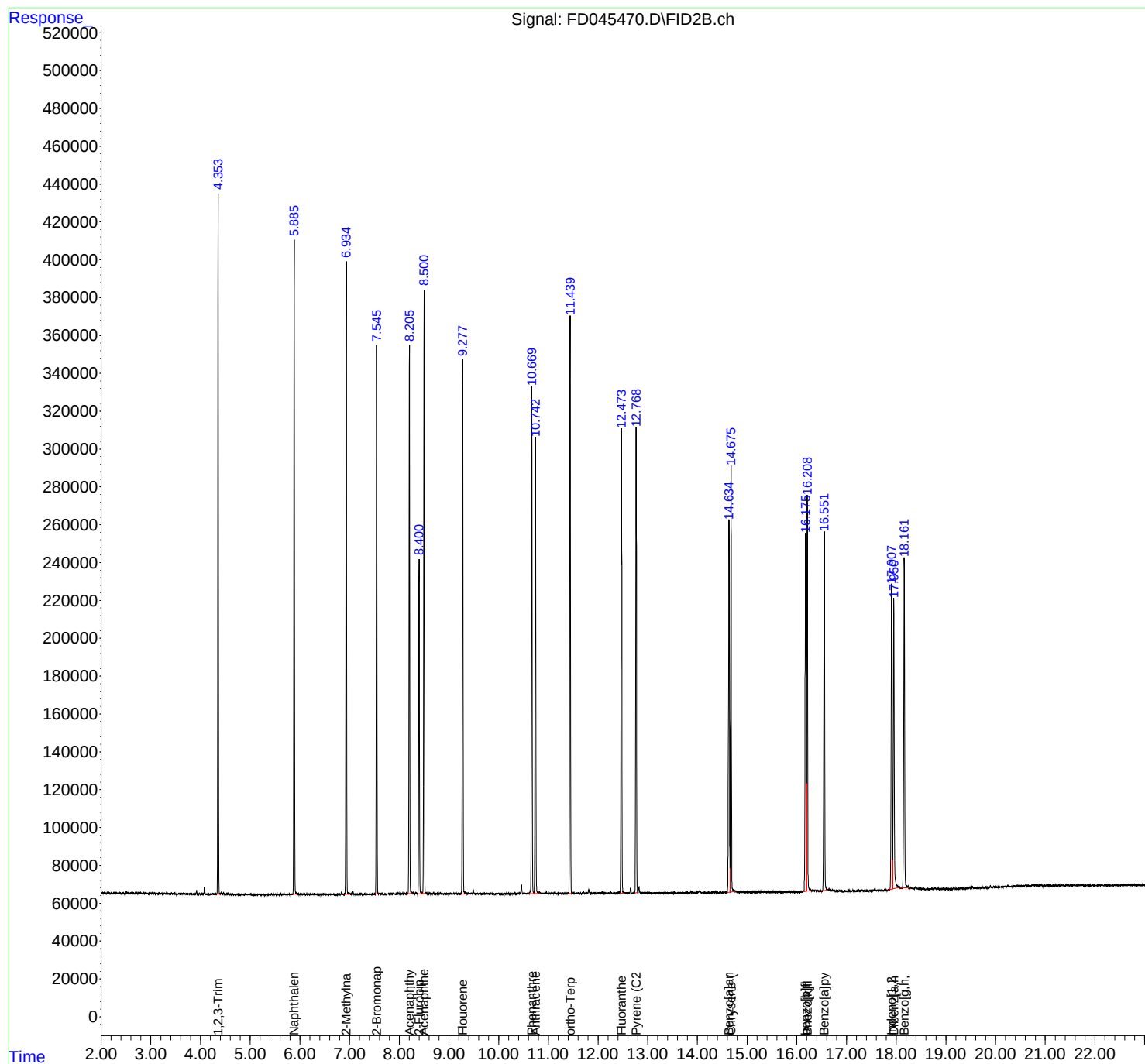
(m)=manual int.

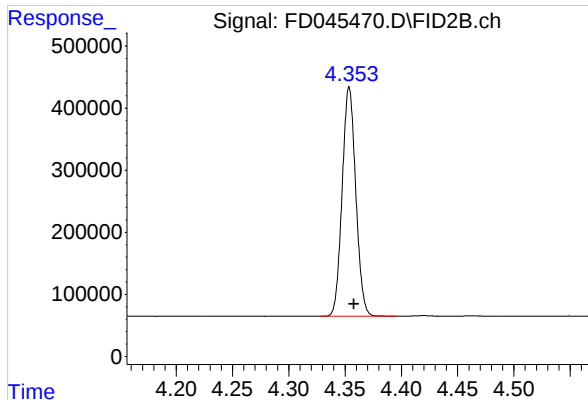
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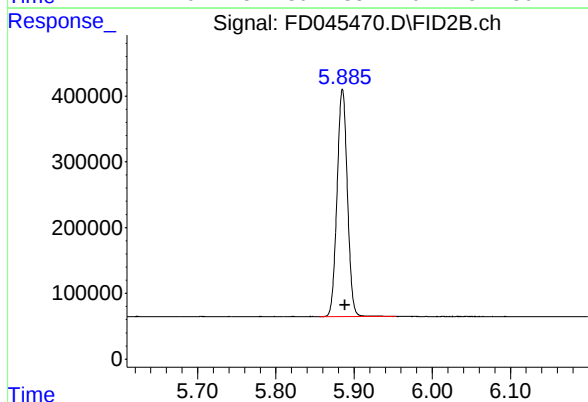




#1 1,2,3-Trimethylbenzene (C10.1)

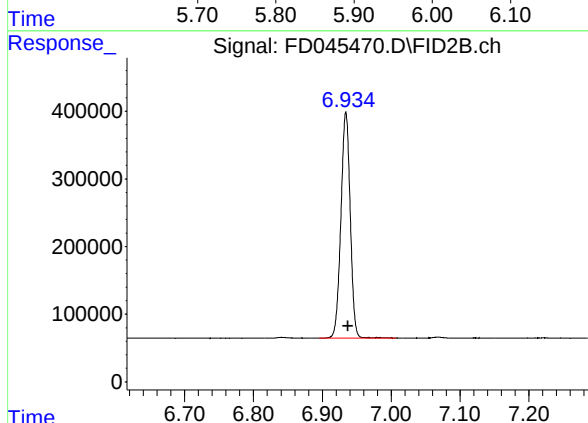
R.T.: 4.354 min  
Delta R.T.: -0.004 min  
Response: 3108624  
Conc: 19.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



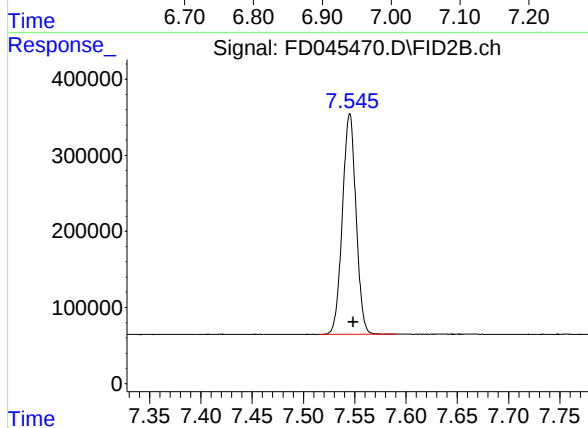
#2 Naphthalene (C11.7)

R.T.: 5.885 min  
Delta R.T.: -0.003 min  
Response: 3175855  
Conc: 19.76 ug/ml



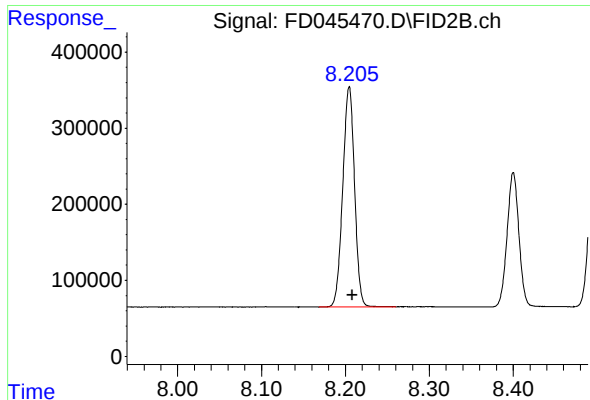
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 3140255  
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

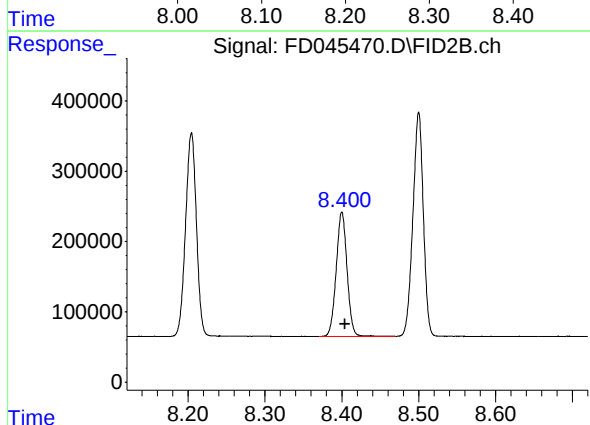
R.T.: 7.545 min  
Delta R.T.: -0.004 min  
Response: 2678331  
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

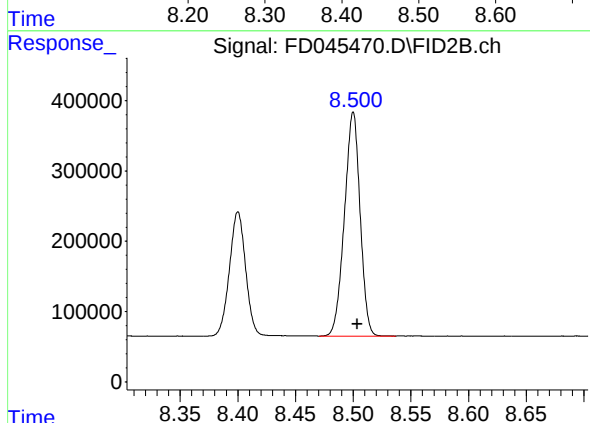
R.T.: 8.204 min  
Delta R.T.: -0.004 min  
Response: 2835721  
Conc: 19.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



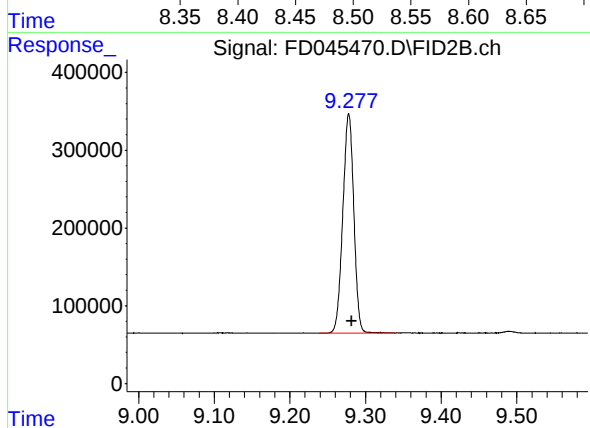
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min  
Delta R.T.: -0.004 min  
Response: 1741089  
Conc: 19.42 ug/ml



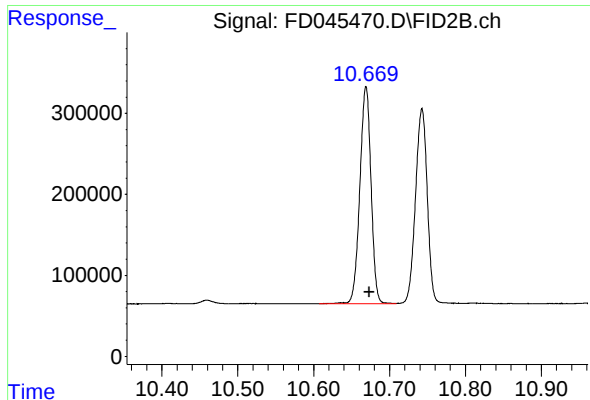
#7 Acenaphthene (C15.5)

R.T.: 8.500 min  
Delta R.T.: -0.004 min  
Response: 3009871  
Conc: 19.41 ug/ml



#8 Flouorene (C16.55)

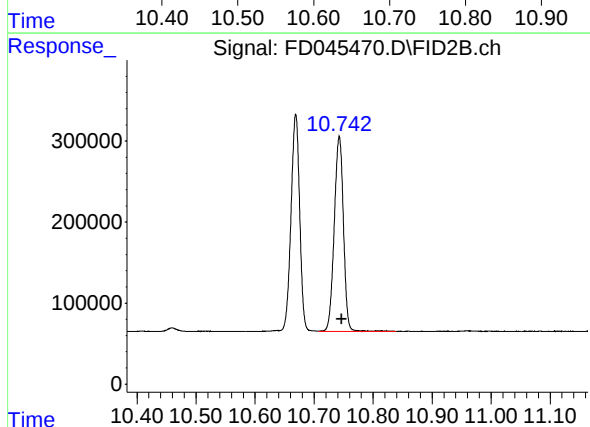
R.T.: 9.278 min  
Delta R.T.: -0.004 min  
Response: 2850580  
Conc: 19.22 ug/ml



#9 Phenanthrene (C19.36)

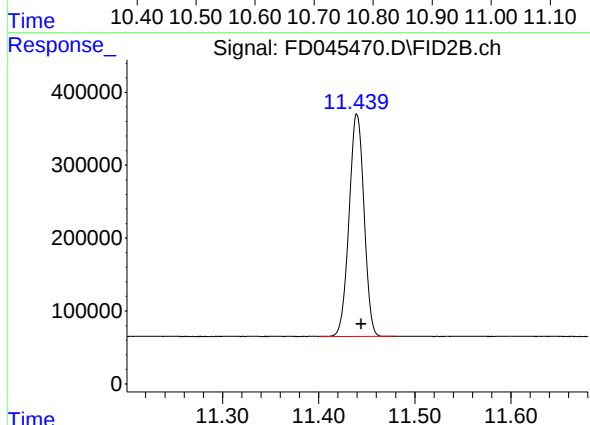
R.T.: 10.669 min  
Delta R.T.: -0.005 min  
Response: 2744796  
Conc: 18.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



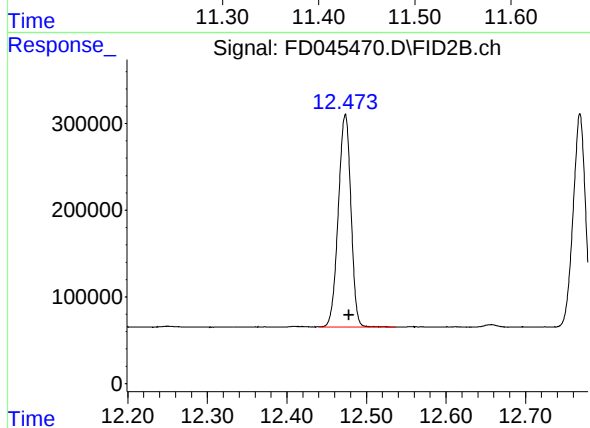
#10 Anthracene (C19.43)

R.T.: 10.743 min  
Delta R.T.: -0.004 min  
Response: 2612032  
Conc: 18.90 ug/ml



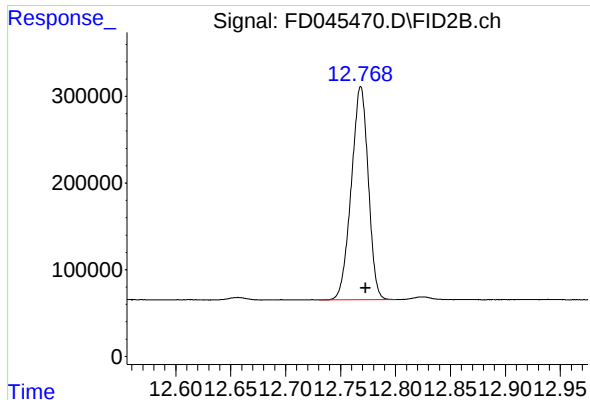
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min  
Delta R.T.: -0.005 min  
Response: 3303017  
Conc: 18.98 ug/ml



#12 Fluoranthene (C21.85)

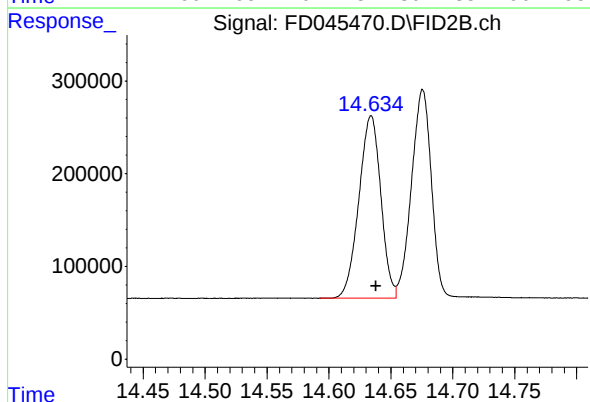
R.T.: 12.473 min  
Delta R.T.: -0.005 min  
Response: 2702809  
Conc: 18.79 ug/ml



#13 Pyrene (C20.8)

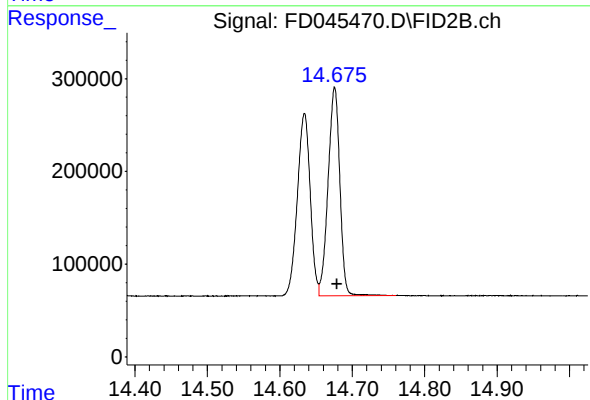
R.T.: 12.768 min  
Delta R.T.: -0.005 min  
Response: 2638879  
Conc: 18.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



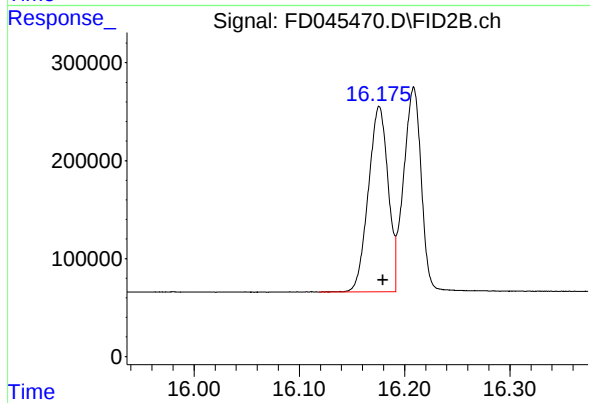
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min  
Delta R.T.: -0.004 min  
Response: 2425551  
Conc: 18.91 ug/ml



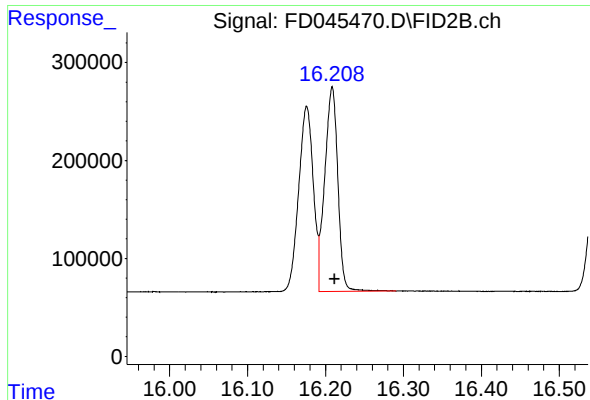
#15 Chrysene (C27.41)

R.T.: 14.676 min  
Delta R.T.: -0.004 min  
Response: 2534523  
Conc: 19.11 ug/ml



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

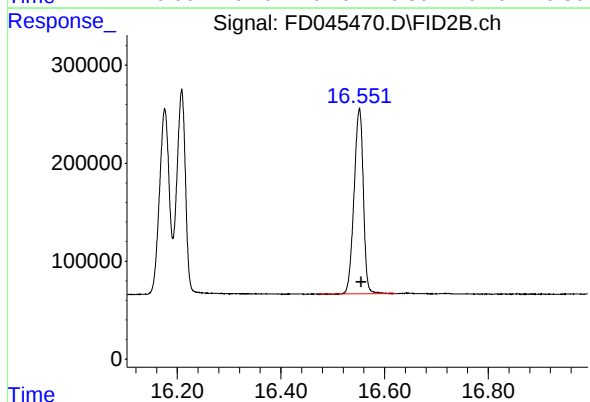
R.T.: 16.176 min  
Delta R.T.: -0.004 min  
Response: 2466430  
Conc: 18.99 ug/ml



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

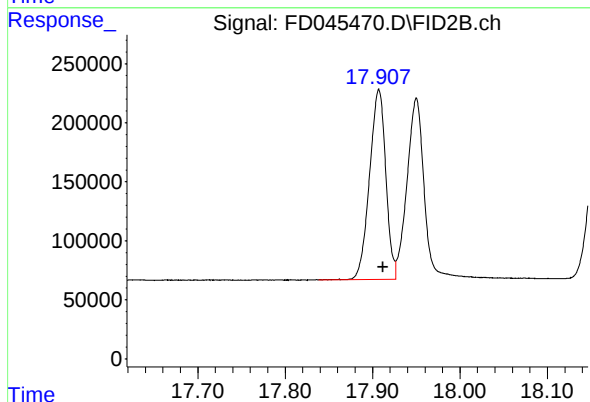
R.T.: 16.208 min  
Delta R.T.: -0.003 min  
Response: 2439164  
Conc: 19.26 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



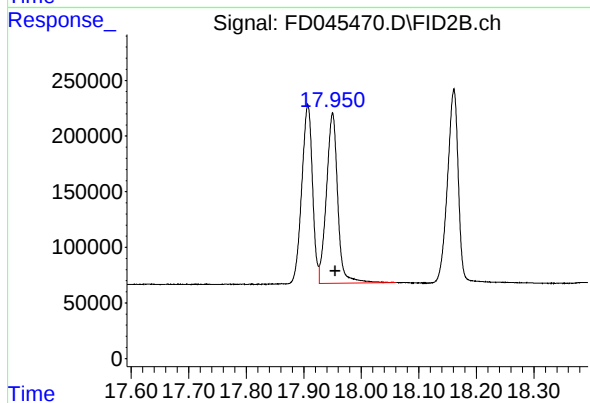
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min  
Delta R.T.: -0.004 min  
Response: 2353318  
Conc: 18.72 ug/ml



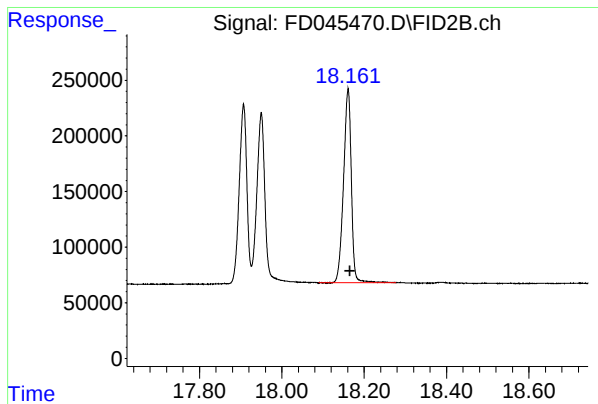
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min  
Delta R.T.: -0.005 min  
Response: 2071914  
Conc: 17.51 ug/ml



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

R.T.: 17.950 min  
Delta R.T.: -0.005 min  
Response: 2102136  
Conc: 17.64 ug/ml



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

R.T.: 18.161 min

Delta R.T.: -0.005 min

Response: 2283367

Conc: 18.28 ug/ml

Instrument :

FID\_D

ClientSampleId :