

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022224AR\  
 Data File : FD047271.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Feb 2024 09:39  
 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 23 03:40:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:43:49 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...      | 7.463  | 3129690    | 20.557 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.11%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.317  | 2069993    | 20.479 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.96%       |
| 11) S ortho-Terphenyl (SURR)       | 11.353 | 3595454    | 20.386 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.77%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.279  | 3249506    | 20.612 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.804  | 3440969    | 20.704 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.852  | 3465513    | 20.550 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.120  | 3101177    | 20.149 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.415  | 3357429    | 20.369 ug/ml |
| 8) T Flouorene (C16.55)            | 9.193  | 3234123    | 20.398 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.581 | 3137944    | 20.198 ug/ml |
| 10) T Anthracene (C19.43)          | 10.655 | 2402536    | 16.292 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.383 | 3224777    | 20.828 ug/ml |
| 13) T Pyrene (C20.8)               | 12.676 | 3066785    | 20.387 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.541 | 2708643    | 20.150 ug/ml |
| 15) T Chrysene (C27.41)            | 14.583 | 3009403    | 20.551 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.084 | 2808357    | 20.397 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.115 | 2985315    | 21.515 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.457 | 2617835    | 19.337 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.817 | 2560522    | 20.282 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.857 | 2566326    | 19.261 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.067 | 2723015    | 20.536 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

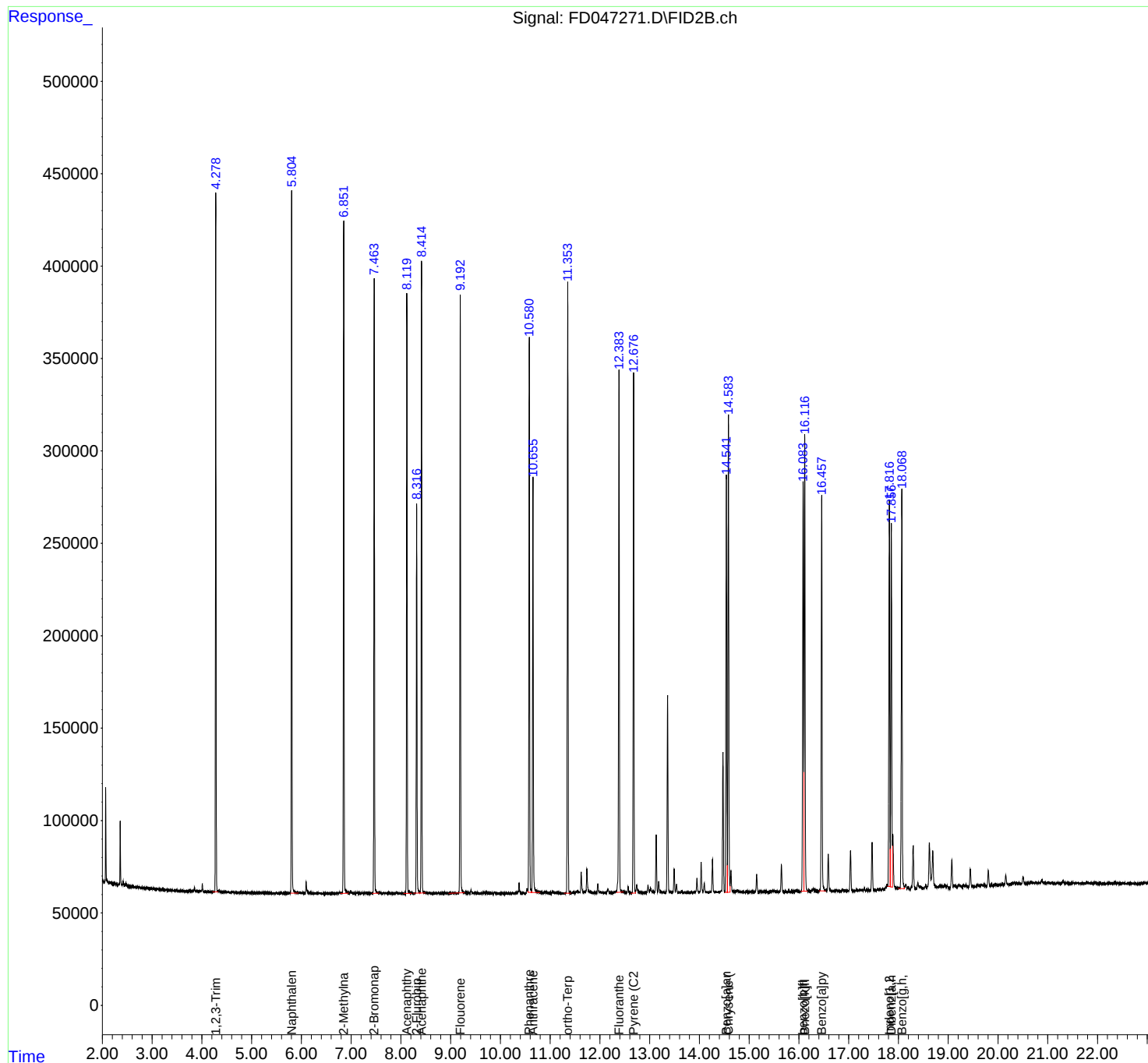
(m)=manual int.

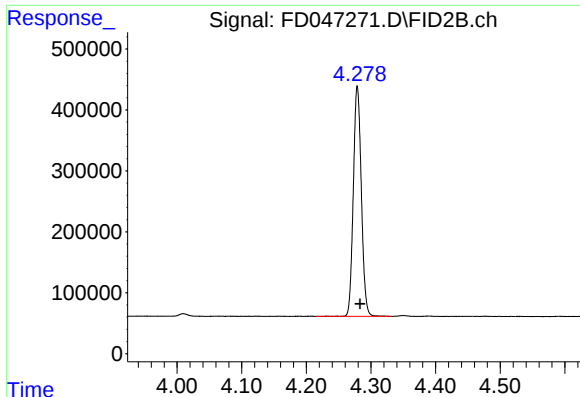
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD02224AR\  
Data File : FD047271.D  
Signal(s) : FID2B.ch  
Acq On : 22 Feb 2024 09:39  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Feb 23 03:40:46 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020824.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 08 13:43:49 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

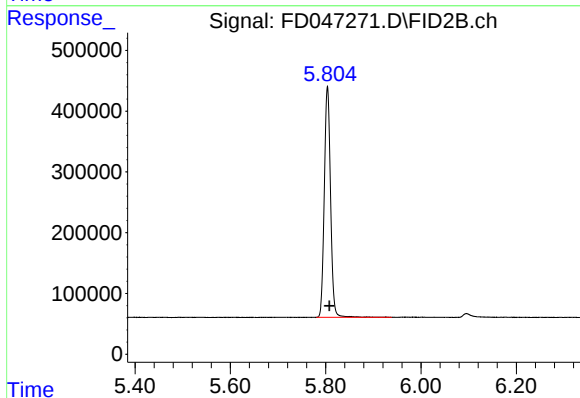




#1 1,2,3-Trimethylbenzene (C10.1)

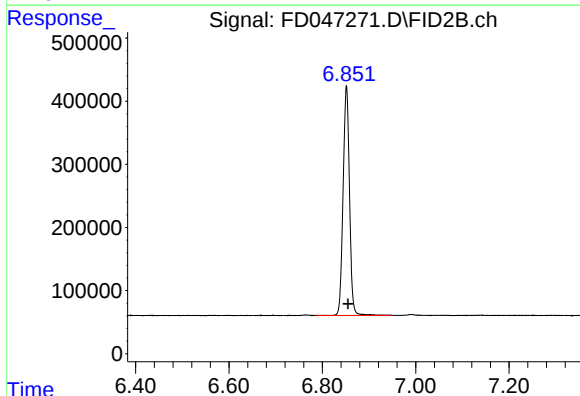
R.T.: 4.279 min  
Delta R.T.: -0.004 min  
Response: 3249506  
Conc: 20.61 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



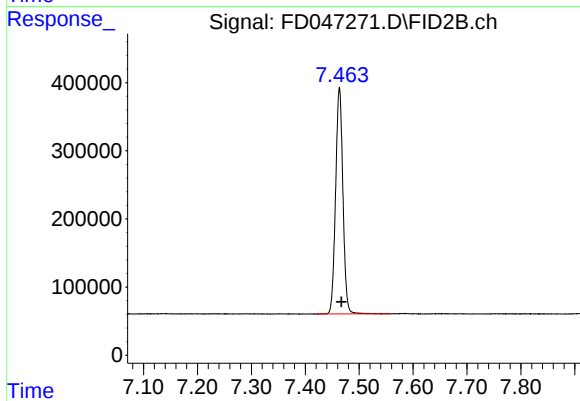
#2 Naphthalene (C11.7)

R.T.: 5.804 min  
Delta R.T.: -0.004 min  
Response: 3440969  
Conc: 20.70 ug/ml



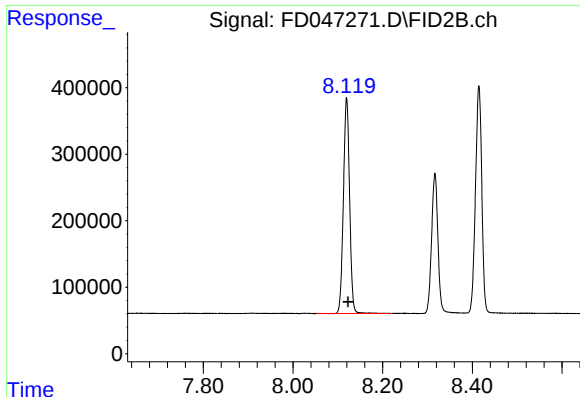
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min  
Delta R.T.: -0.003 min  
Response: 3465513  
Conc: 20.55 ug/ml



#4 2-Bromonaphthalene (SURR)

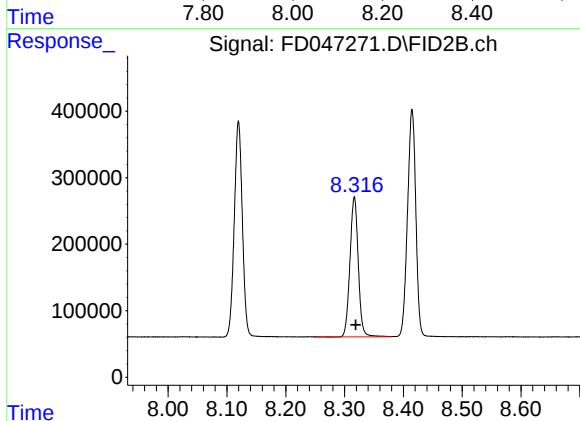
R.T.: 7.463 min  
Delta R.T.: -0.004 min  
Response: 3129690  
Conc: 20.56 ug/ml



#5 Acenaphthylene (C15.06)

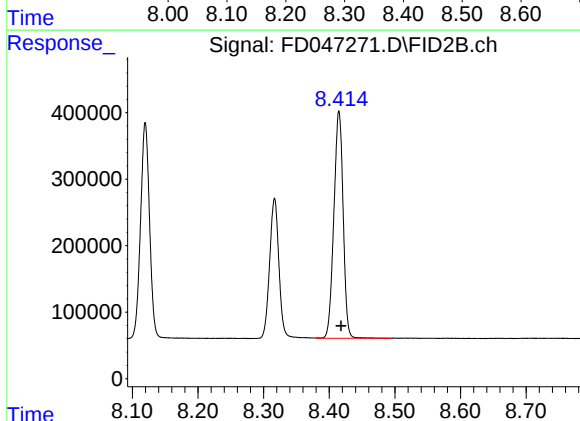
R.T.: 8.120 min  
Delta R.T.: -0.003 min  
Response: 3101177  
Conc: 20.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



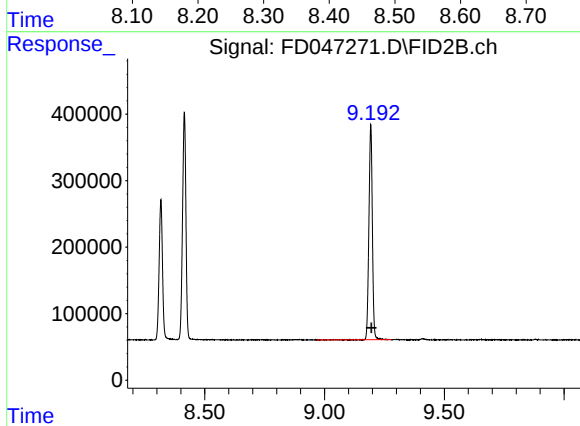
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min  
Delta R.T.: -0.003 min  
Response: 2069993  
Conc: 20.48 ug/ml



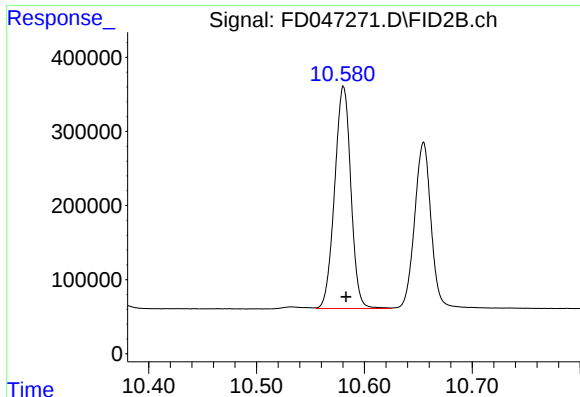
#7 Acenaphthene (C15.5)

R.T.: 8.415 min  
Delta R.T.: -0.003 min  
Response: 3357429  
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

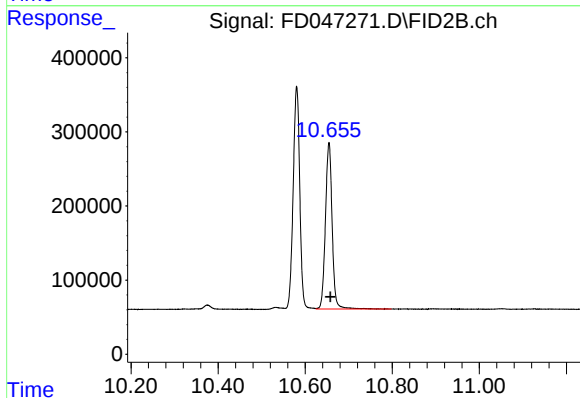
R.T.: 9.193 min  
Delta R.T.: -0.003 min  
Response: 3234123  
Conc: 20.40 ug/ml



#9 Phenanthrene (C19.36)

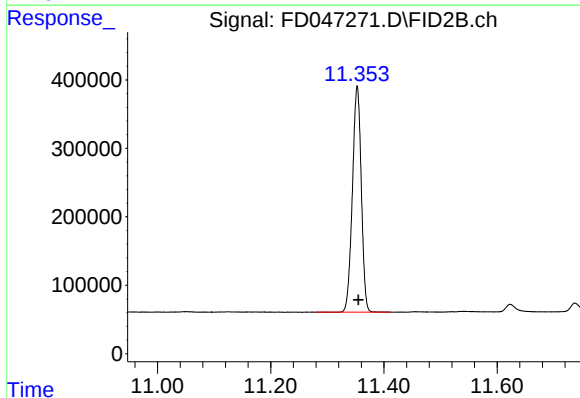
R.T.: 10.581 min  
Delta R.T.: -0.003 min  
Response: 3137944  
Conc: 20.20 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



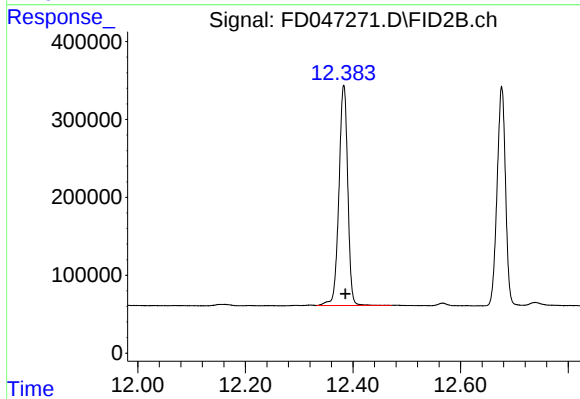
#10 Anthracene (C19.43)

R.T.: 10.655 min  
Delta R.T.: -0.003 min  
Response: 2402536  
Conc: 16.29 ug/ml



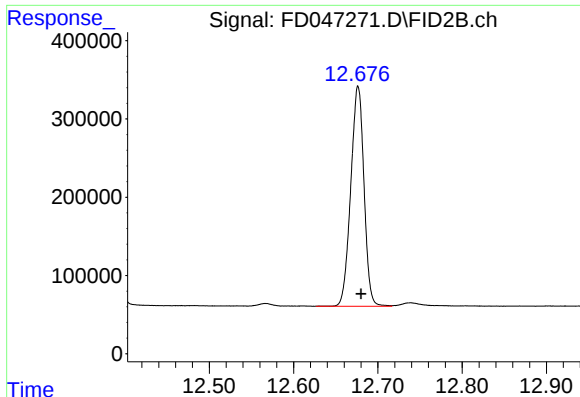
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min  
Delta R.T.: -0.002 min  
Response: 3595454  
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

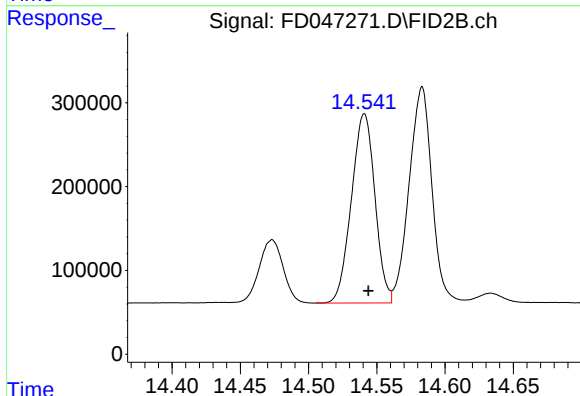
R.T.: 12.383 min  
Delta R.T.: -0.003 min  
Response: 3224777  
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

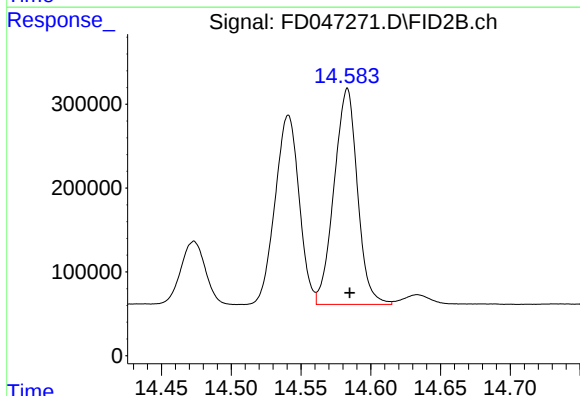
R.T.: 12.676 min  
Delta R.T.: -0.003 min  
Response: 3066785  
Conc: 20.39 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



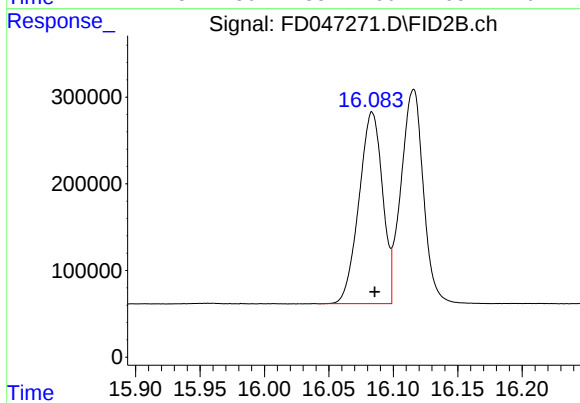
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min  
Delta R.T.: -0.003 min  
Response: 2708643  
Conc: 20.15 ug/ml



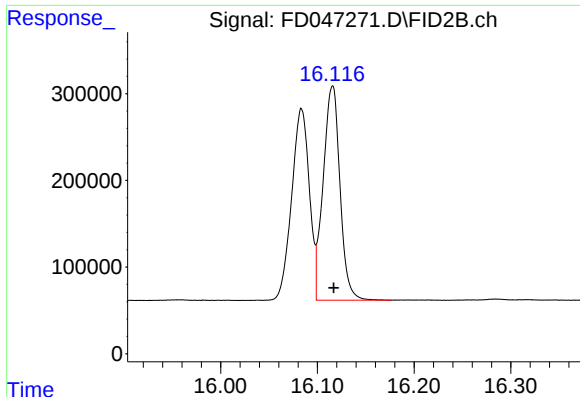
#15 Chrysene (C27.41)

R.T.: 14.583 min  
Delta R.T.: -0.002 min  
Response: 3009403  
Conc: 20.55 ug/ml



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

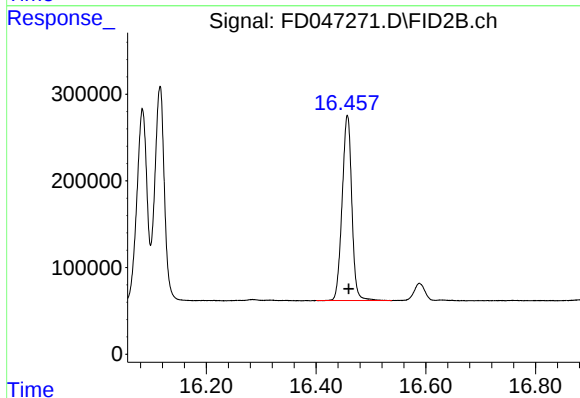
R.T.: 16.084 min  
Delta R.T.: -0.002 min  
Response: 2808357  
Conc: 20.40 ug/ml



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

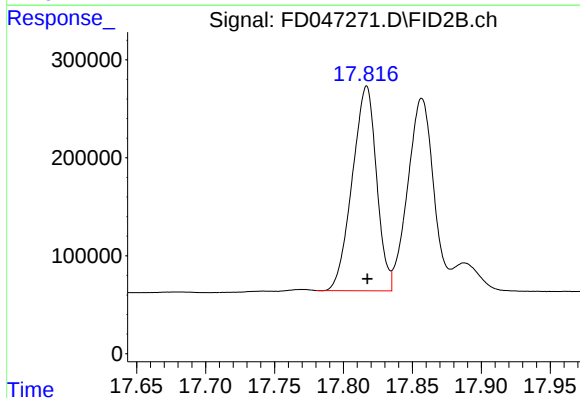
R.T.: 16.115 min  
Delta R.T.: -0.001 min  
Response: 2985315  
Conc: 21.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



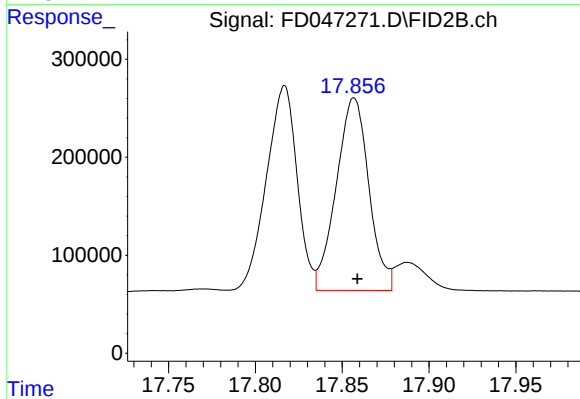
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min  
Delta R.T.: -0.003 min  
Response: 2617835  
Conc: 19.34 ug/ml



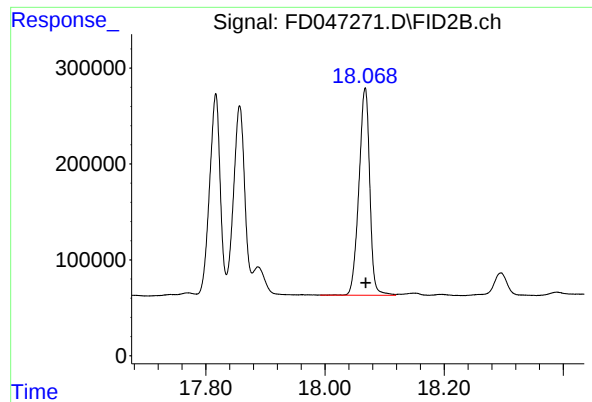
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min  
Delta R.T.: 0.000 min  
Response: 2560522  
Conc: 20.28 ug/ml



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

R.T.: 17.857 min  
Delta R.T.: -0.002 min  
Response: 2566326  
Conc: 19.26 ug/ml



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

R.T.: 18.067 min  
Delta R.T.: -0.001 min  
Response: 2723015  
Conc: 20.54 ug/ml

Instrument :

FID\_D

ClientSampleId :