

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040824AR\  
 Data File : FD047487.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Apr 2024 11:28  
 Operator : YP/AJ  
 Sample : PB160075BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB160075BSD

Integration File: autoint1.e  
 Quant Time: Apr 09 01:41:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 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  | 9919144    | 66.348 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 132.70%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.313  | 5129982    | 52.503 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 105.01%      |
| 11) S ortho-Terphenyl (SURR)       | 11.351 | 9744662    | 56.845 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 113.69%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.274  | 6473498    | 40.968 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.799  | 7722223    | 47.190 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.848  | 8153476    | 49.570 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.117  | 8839638    | 58.564 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.413  | 8585761    | 53.606 ug/ml |
| 8) T Flouorene (C16.55)            | 9.191  | 9172850    | 59.294 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.580 | 9386592    | 63.090 ug/ml |
| 10) T Anthracene (C19.43)          | 10.656 | 9031275    | 66.403 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.385 | 9531025    | 64.473 ug/ml |
| 13) T Pyrene (C20.8)               | 12.680 | 9655023    | 66.900 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.545 | 9053509    | 68.841 ug/ml |
| 15) T Chrysene (C27.41)            | 14.591 | 9058763    | 64.242 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.091 | 9040092    | 64.798 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.128 | 8959117    | 64.413 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.467 | 8738985    | 63.647 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.831 | 9350690    | 69.321 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.870 | 8624340    | 64.170 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.087 | 8485777    | 61.141 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

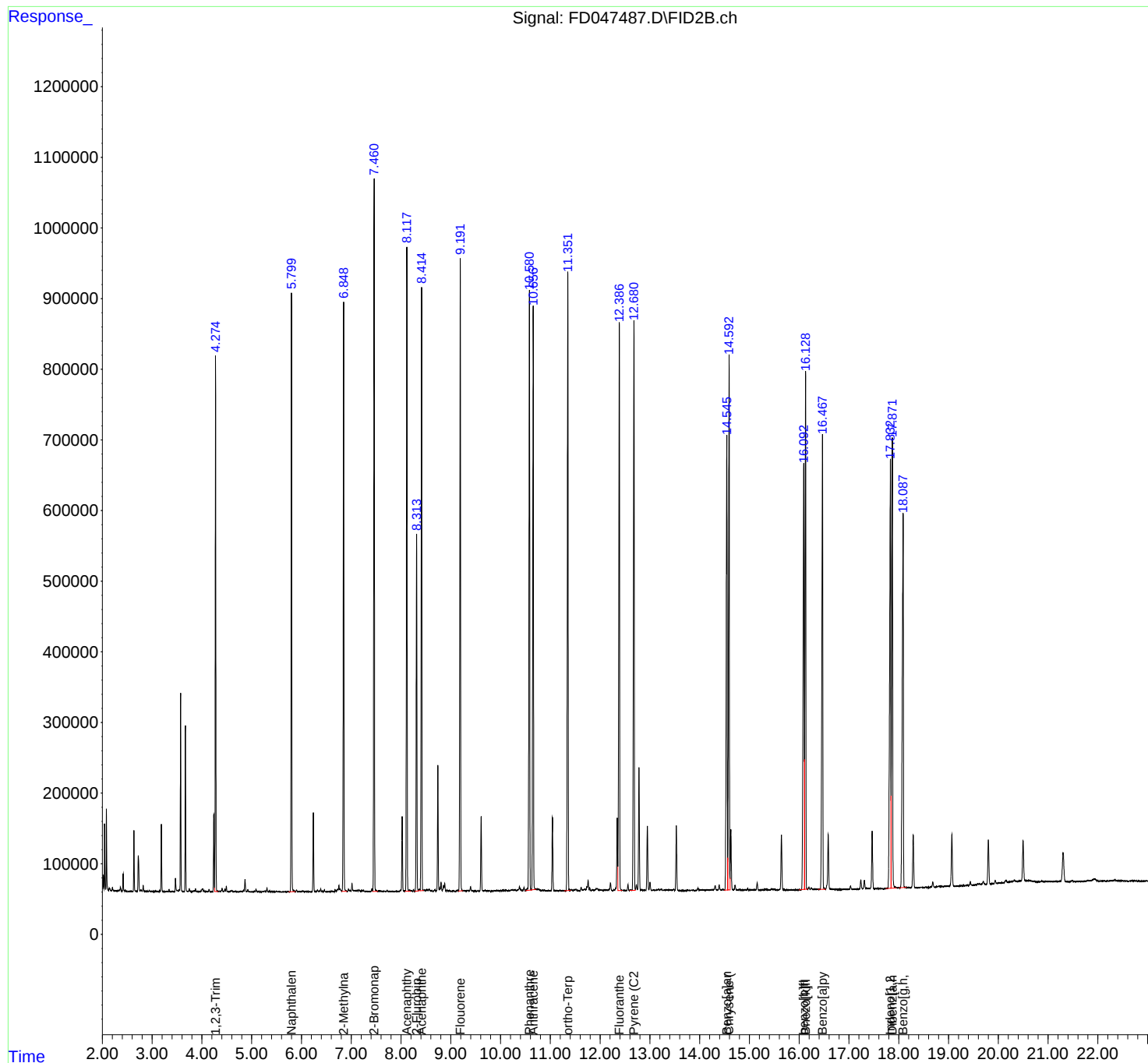
(m)=manual int.

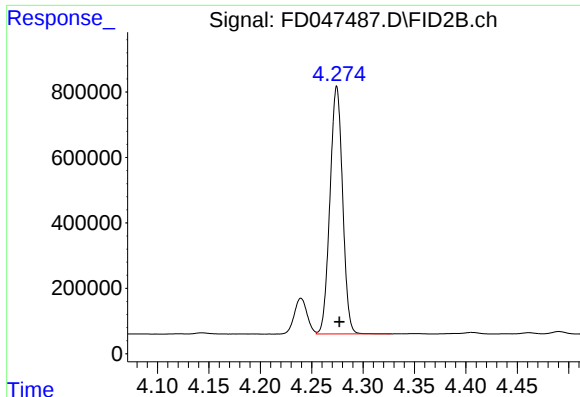
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

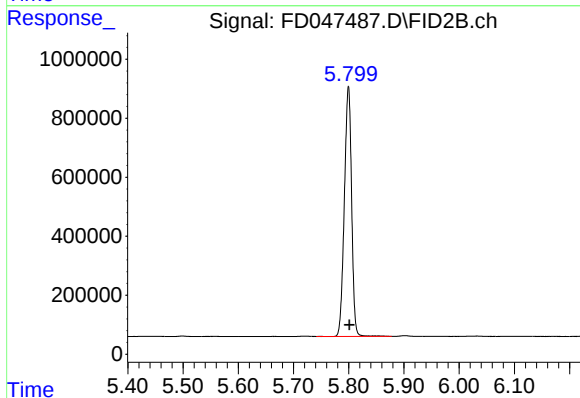




#1 1,2,3-Trimethylbenzene (C10.1)

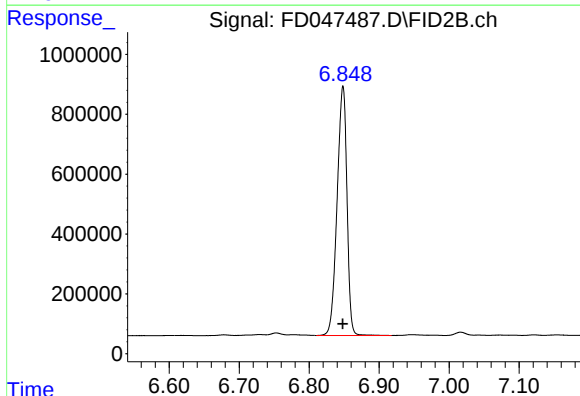
R.T.: 4.274 min  
Delta R.T.: -0.003 min  
Response: 6473498  
Conc: 40.97 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160075BSD



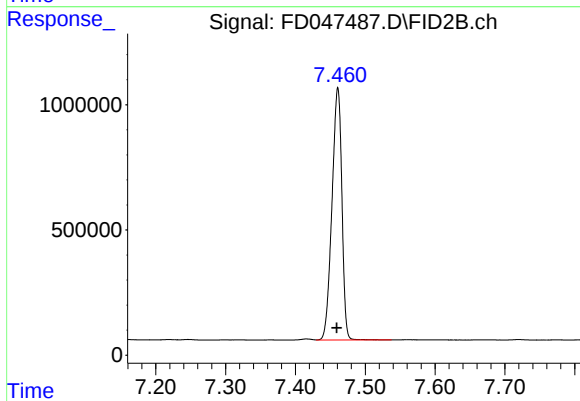
#2 Naphthalene (C11.7)

R.T.: 5.799 min  
Delta R.T.: -0.002 min  
Response: 7722223  
Conc: 47.19 ug/ml



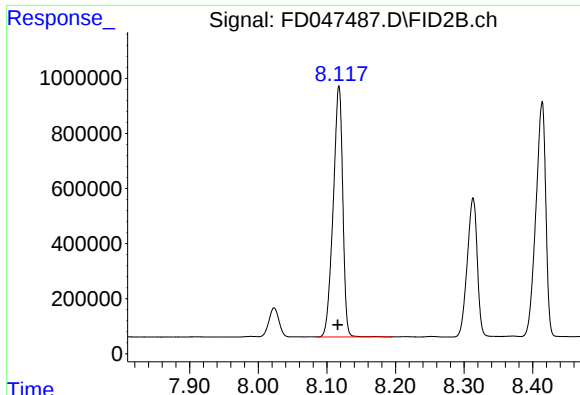
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 8153476  
Conc: 49.57 ug/ml



#4 2-Bromonaphthalene (SURR)

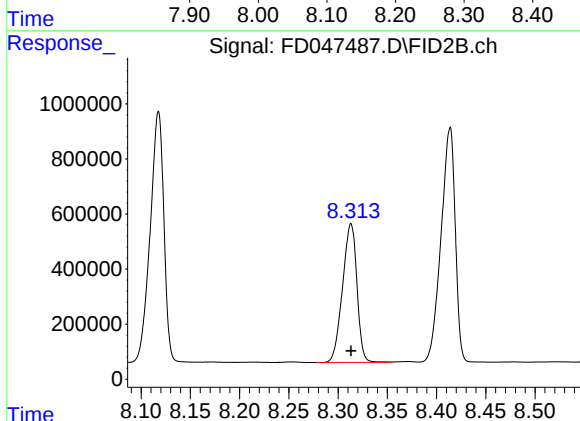
R.T.: 7.460 min  
Delta R.T.: 0.001 min  
Response: 9919144  
Conc: 66.35 ug/ml



#5 Acenaphthylene (C15.06)

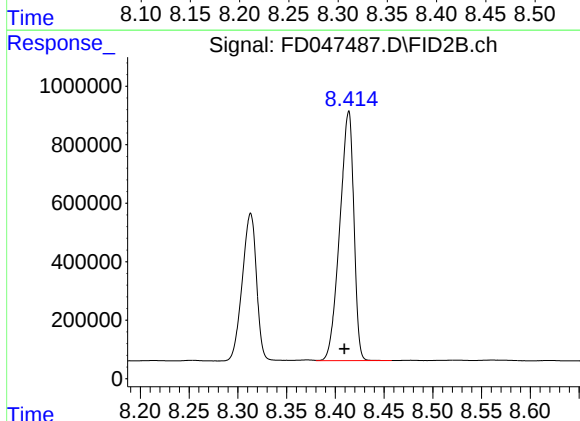
R.T.: 8.117 min  
Delta R.T.: 0.001 min  
Response: 8839638  
Conc: 58.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160075BSD



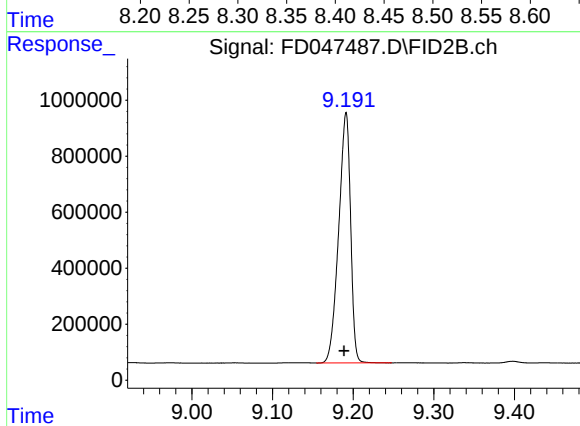
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min  
Delta R.T.: 0.000 min  
Response: 5129982  
Conc: 52.50 ug/ml



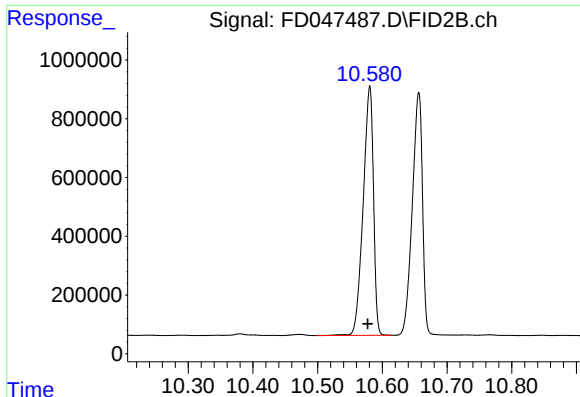
#7 Acenaphthene (C15.5)

R.T.: 8.413 min  
Delta R.T.: 0.004 min  
Response: 8585761  
Conc: 53.61 ug/ml



#8 Fluorene (C16.55)

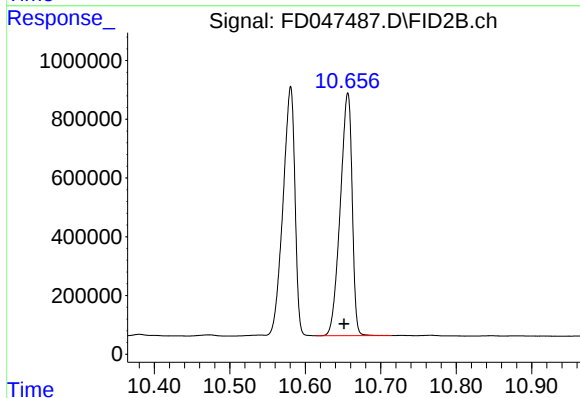
R.T.: 9.191 min  
Delta R.T.: 0.002 min  
Response: 9172850  
Conc: 59.29 ug/ml



#9 Phenanthrene (C19.36)

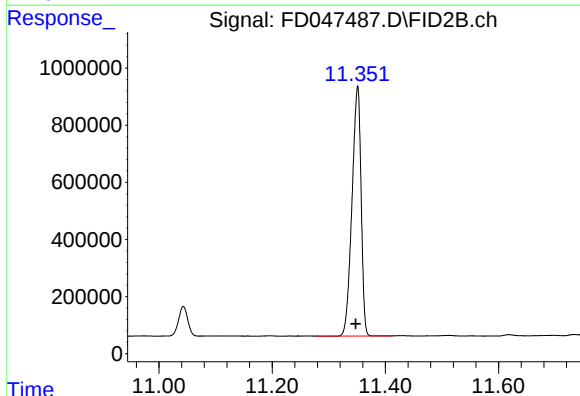
R.T.: 10.580 min  
Delta R.T.: 0.003 min  
Response: 9386592  
Conc: 63.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160075BSD



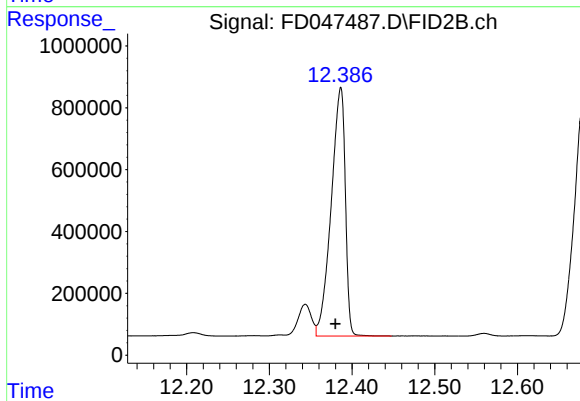
#10 Anthracene (C19.43)

R.T.: 10.656 min  
Delta R.T.: 0.004 min  
Response: 9031275  
Conc: 66.40 ug/ml



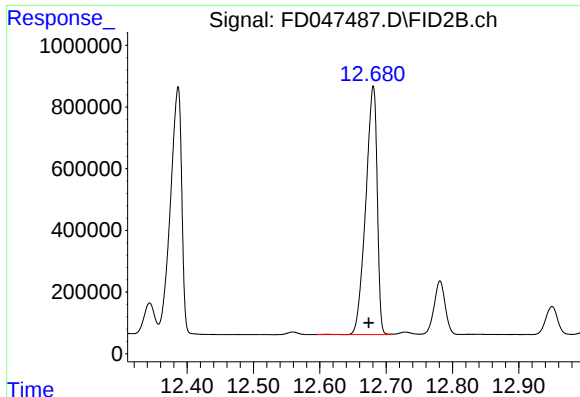
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min  
Delta R.T.: 0.003 min  
Response: 9744662  
Conc: 56.84 ug/ml



#12 Fluoranthene (C21.85)

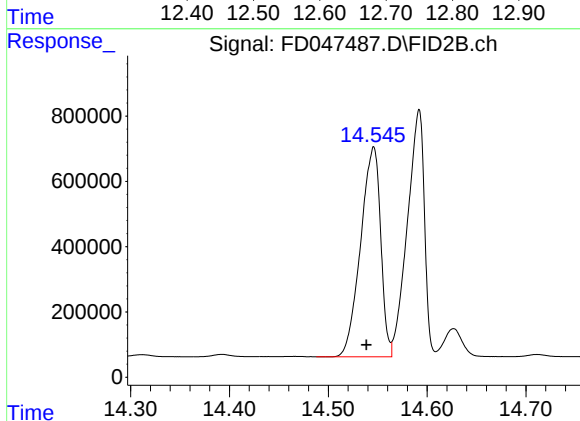
R.T.: 12.385 min  
Delta R.T.: 0.006 min  
Response: 9531025  
Conc: 64.47 ug/ml



#13 Pyrene (C20.8)

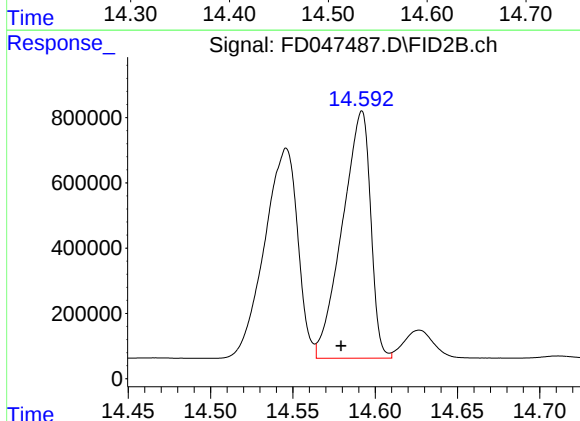
R.T.: 12.680 min  
Delta R.T.: 0.006 min  
Response: 9655023  
Conc: 66.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160075BSD



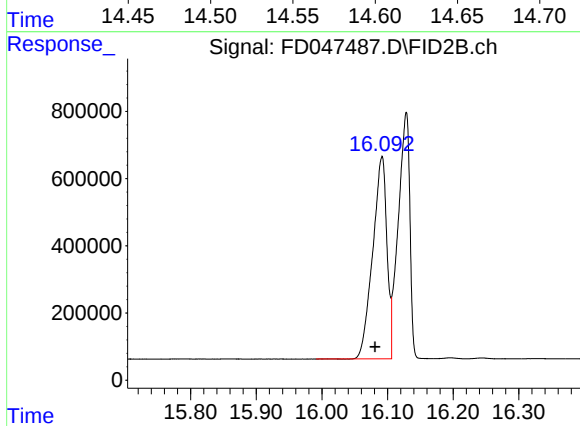
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min  
Delta R.T.: 0.007 min  
Response: 9053509  
Conc: 68.84 ug/ml



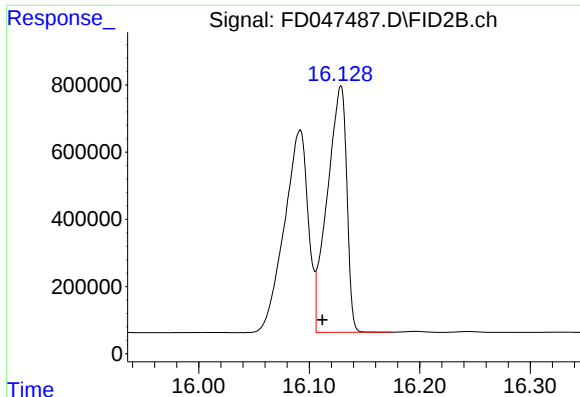
#15 Chrysene (C27.41)

R.T.: 14.591 min  
Delta R.T.: 0.012 min  
Response: 9058763  
Conc: 64.24 ug/ml



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

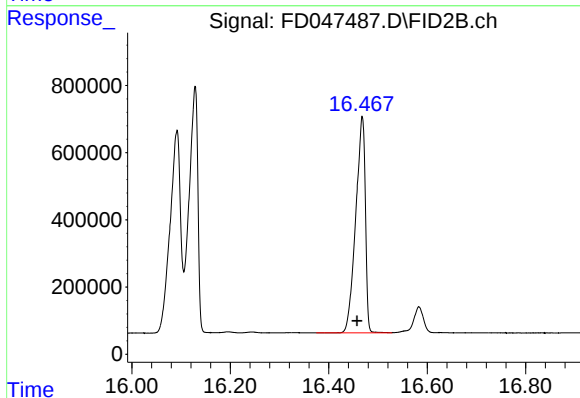
R.T.: 16.091 min  
Delta R.T.: 0.010 min  
Response: 9040092  
Conc: 64.80 ug/ml



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

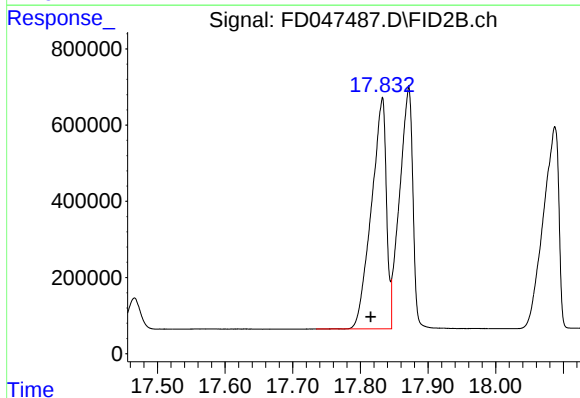
R.T.: 16.128 min  
Delta R.T.: 0.016 min  
Response: 8959117  
Conc: 64.41 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160075BSD



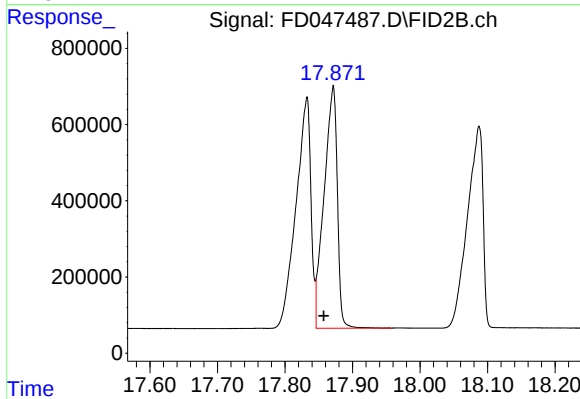
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min  
Delta R.T.: 0.010 min  
Response: 8738985  
Conc: 63.65 ug/ml



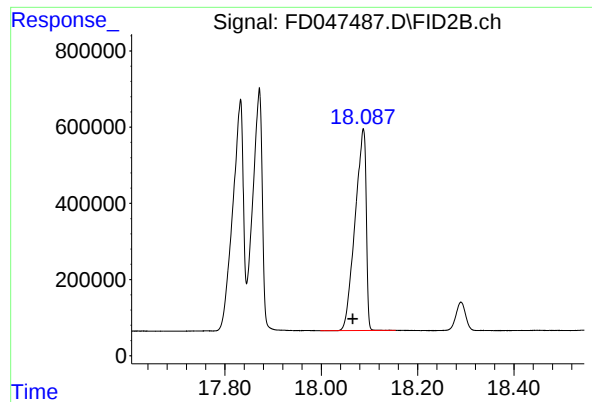
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min  
Delta R.T.: 0.016 min  
Response: 9350690  
Conc: 69.32 ug/ml



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

R.T.: 17.870 min  
Delta R.T.: 0.013 min  
Response: 8624340  
Conc: 64.17 ug/ml



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

R.T.: 18.087 min  
Delta R.T.: 0.021 min  
Response: 8485777  
Conc: 61.14 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB160075BSD