

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021125AR\  
 Data File : FD049073.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Feb 2025 13:58  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 10 15:32:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 10 15:28:06 2025  
 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...      | 7.352  | 6832671    | 49.548 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.10%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.201  | 4519240    | 50.269 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.54%      |
| 11) S ortho-Terphenyl (SURR)       | 11.236 | 7609409    | 49.605 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.21%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.176  | 7483064    | 49.395 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.693  | 7711753    | 49.870 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.740  | 7516774    | 49.613 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.005  | 7704821    | 49.636 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.300  | 7602127    | 49.425 ug/ml |
| 8) T Flouorene (C16.55)            | 9.078  | 7593219    | 49.722 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.465 | 7379729    | 49.990 ug/ml |
| 10) T Anthracene (C19.43)          | 10.541 | 7344304    | 49.955 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.270 | 7455312    | 49.876 ug/ml |
| 13) T Pyrene (C20.8)               | 12.562 | 7417138    | 50.088 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.434 | 6964194    | 50.597 ug/ml |
| 15) T Chrysene (C27.41)            | 14.475 | 7274381    | 49.429 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.983 | 6978240    | 50.160 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.015 | 7115728    | 49.346 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.357 | 6633881    | 50.057 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.724 | 5940391    | 50.812 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.760 | 7026106    | 49.374 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.977 | 6832759    | 49.851 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

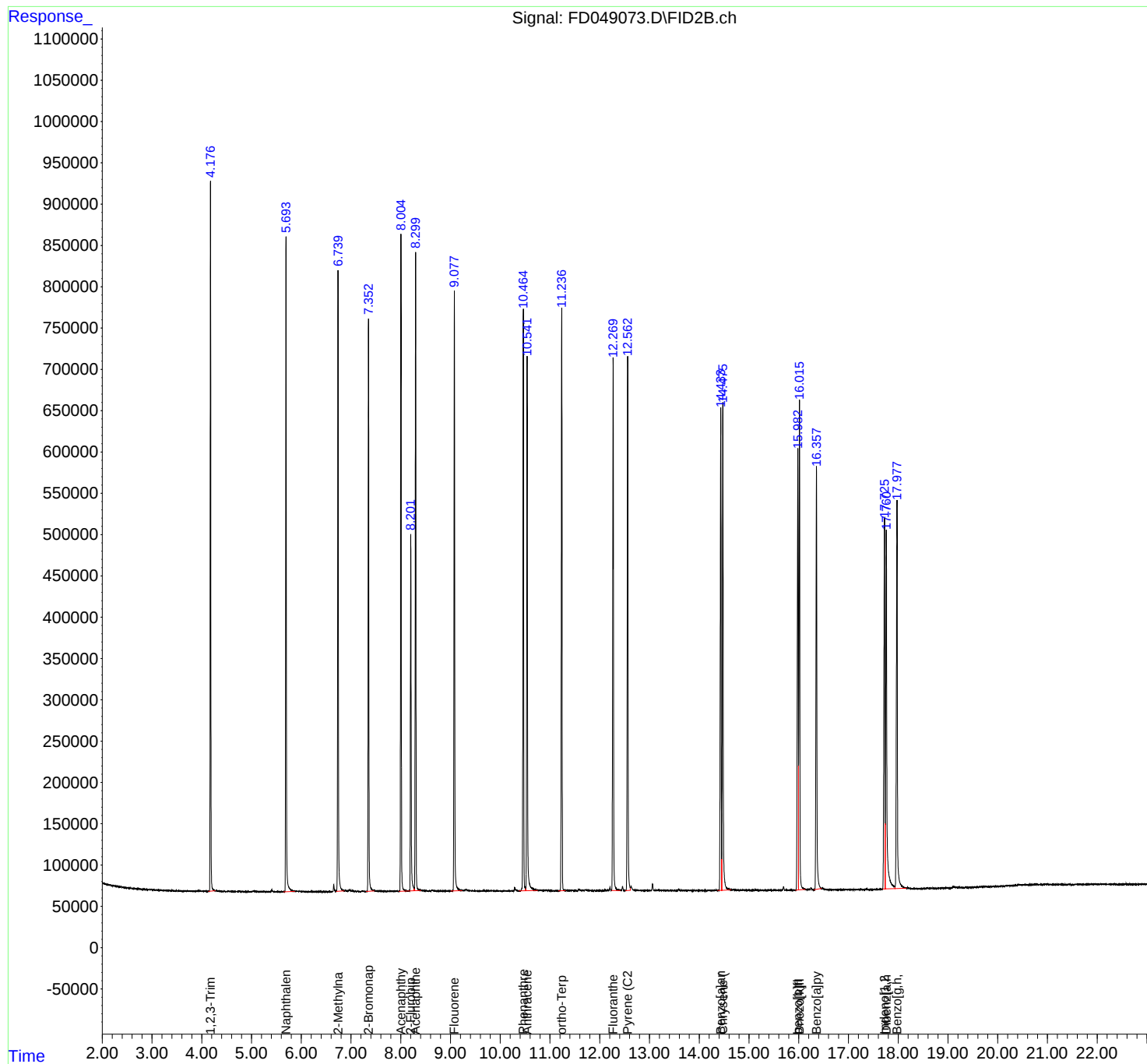
(m)=manual int.

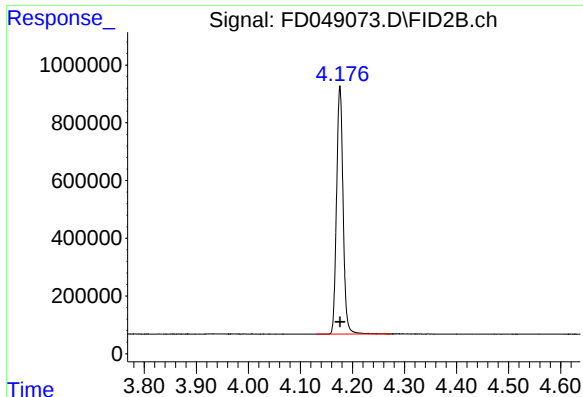
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021125AR\  
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Volume Inj. : 1 µl  
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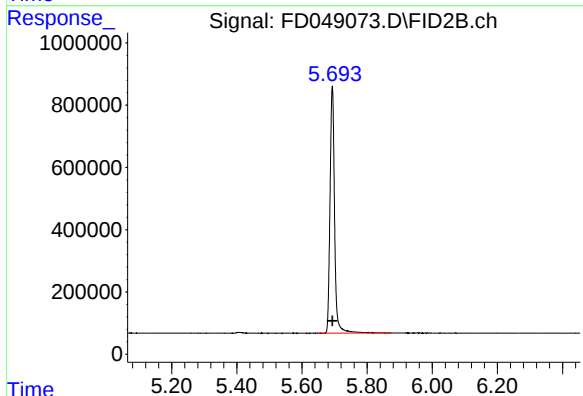




#1 1,2,3-Trimethylbenzene (C10.1)

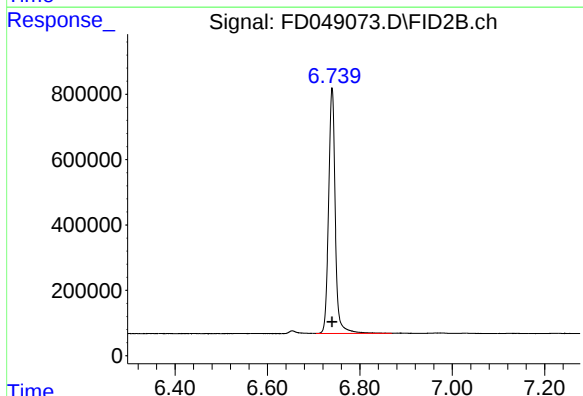
R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 7483064  
Conc: 49.40 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



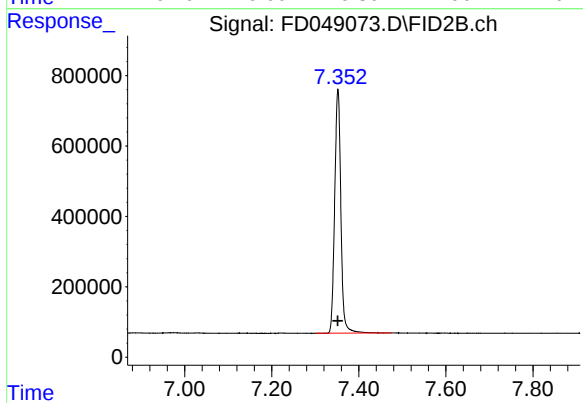
#2 Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 7711753  
Conc: 49.87 ug/ml



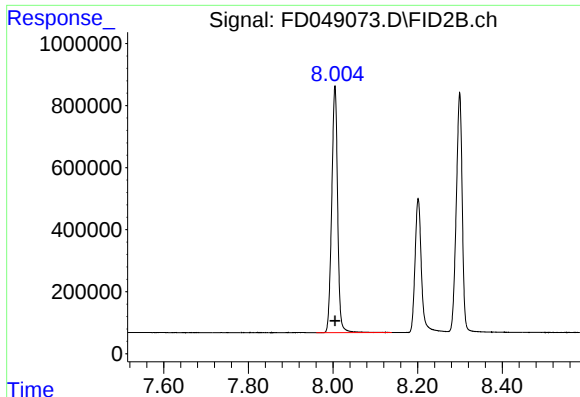
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 7516774  
Conc: 49.61 ug/ml



#4 2-Bromonaphthalene (SURR)

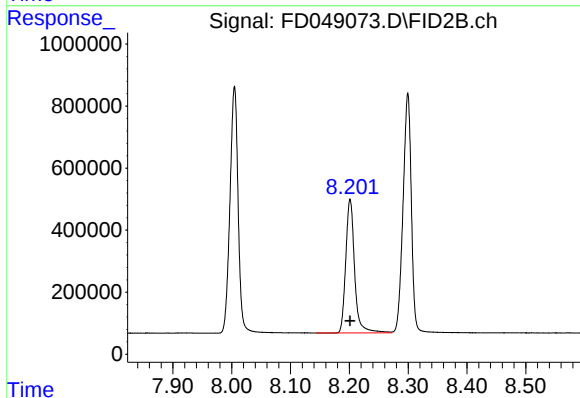
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 6832671  
Conc: 49.55 ug/ml



#5 Acenaphthylene (C15.06)

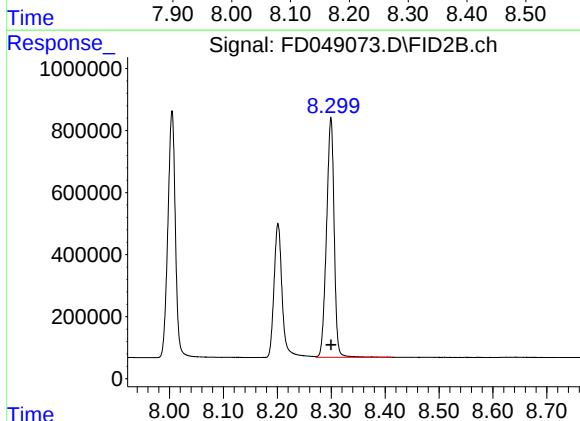
R.T.: 8.005 min  
Delta R.T.: 0.000 min  
Response: 7704821  
Conc: 49.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



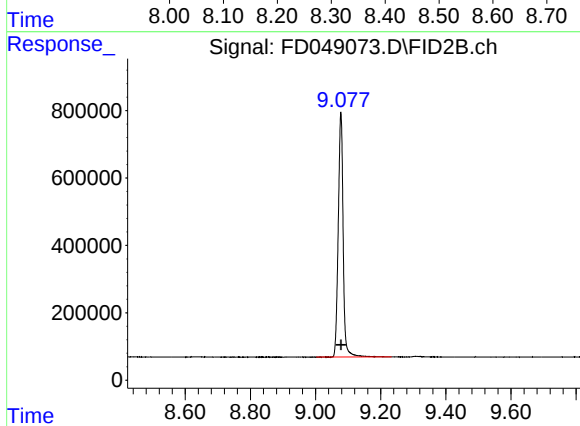
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 4519240  
Conc: 50.27 ug/ml



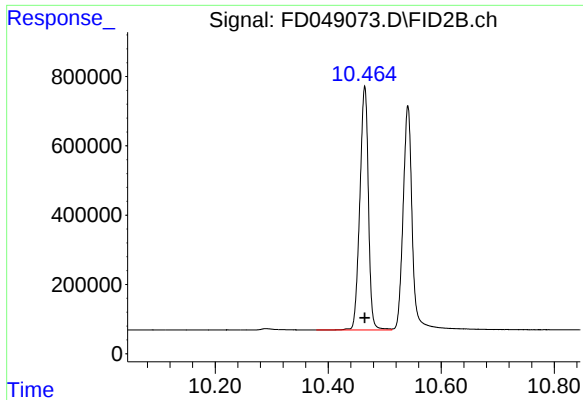
#7 Acenaphthene (C15.5)

R.T.: 8.300 min  
Delta R.T.: 0.000 min  
Response: 7602127  
Conc: 49.42 ug/ml



#8 Flouorene (C16.55)

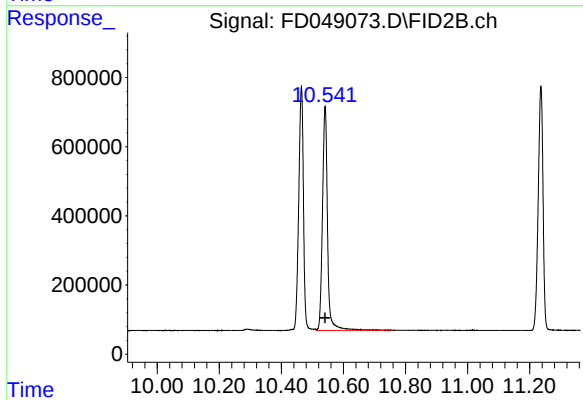
R.T.: 9.078 min  
Delta R.T.: 0.000 min  
Response: 7593219  
Conc: 49.72 ug/ml



#9 Phenanthrene (C19.36)

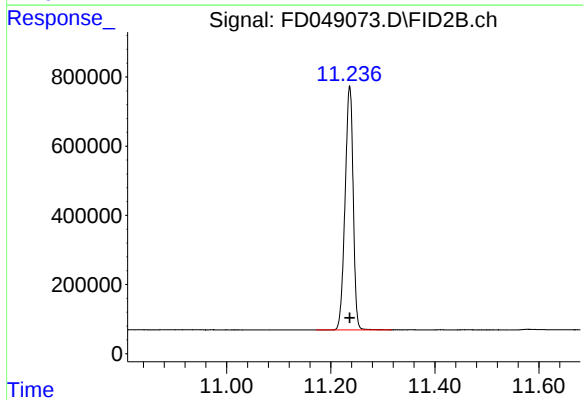
R.T.: 10.465 min  
Delta R.T.: 0.000 min  
Response: 7379729  
Conc: 49.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



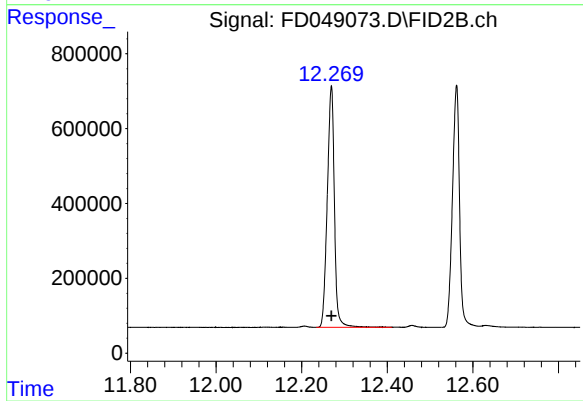
#10 Anthracene (C19.43)

R.T.: 10.541 min  
Delta R.T.: 0.000 min  
Response: 7344304  
Conc: 49.96 ug/ml



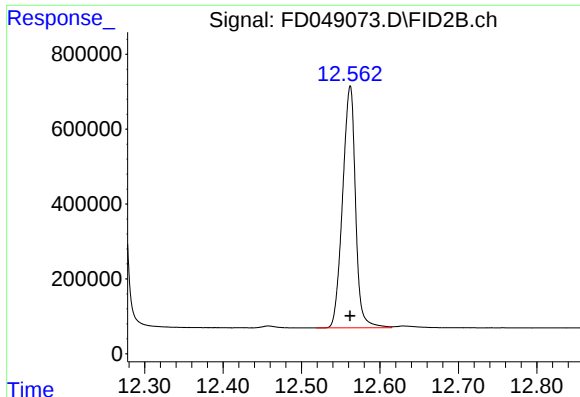
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min  
Delta R.T.: 0.000 min  
Response: 7609409  
Conc: 49.60 ug/ml



#12 Fluoranthene (C21.85)

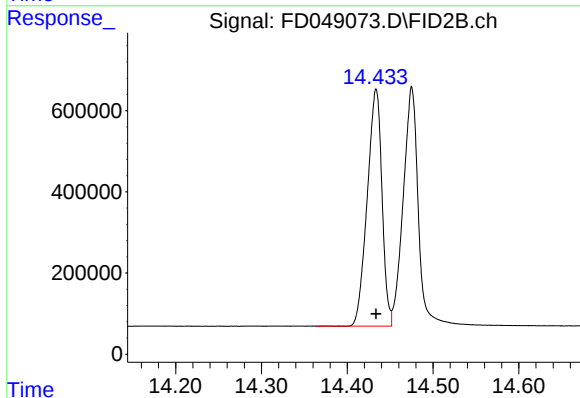
R.T.: 12.270 min  
Delta R.T.: 0.000 min  
Response: 7455312  
Conc: 49.88 ug/ml



#13 Pyrene (C20.8)

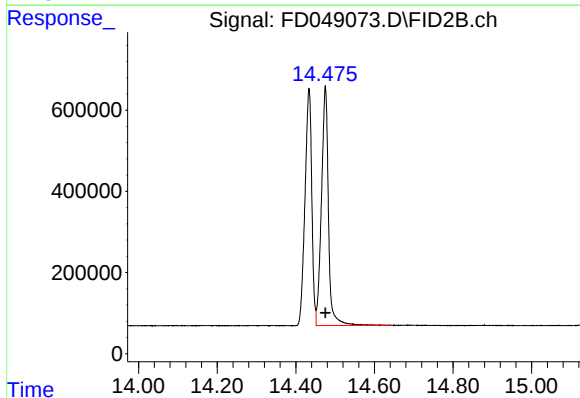
R.T.: 12.562 min  
Delta R.T.: 0.000 min  
Response: 7417138  
Conc: 50.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



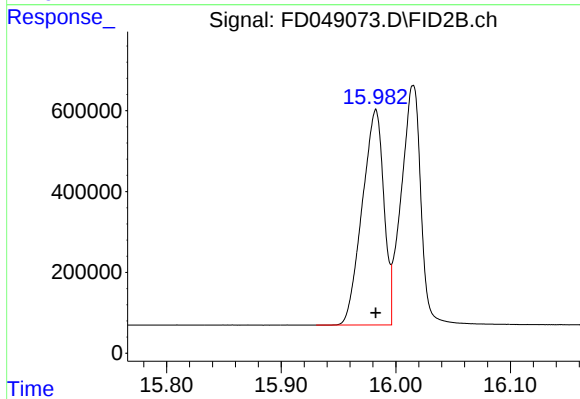
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min  
Delta R.T.: 0.000 min  
Response: 6964194  
Conc: 50.60 ug/ml



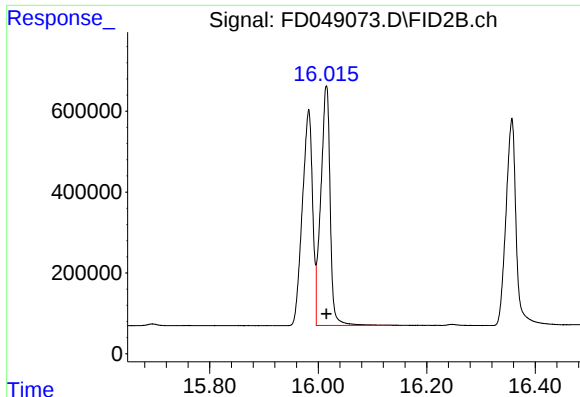
#15 Chrysene (C27.41)

R.T.: 14.475 min  
Delta R.T.: 0.000 min  
Response: 7274381  
Conc: 49.43 ug/ml



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

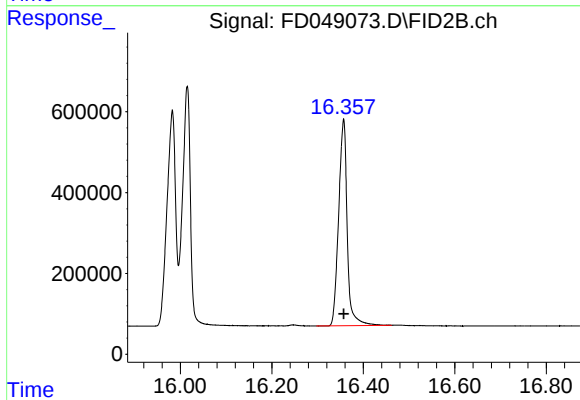
R.T.: 15.983 min  
Delta R.T.: 0.000 min  
Response: 6978240  
Conc: 50.16 ug/ml



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

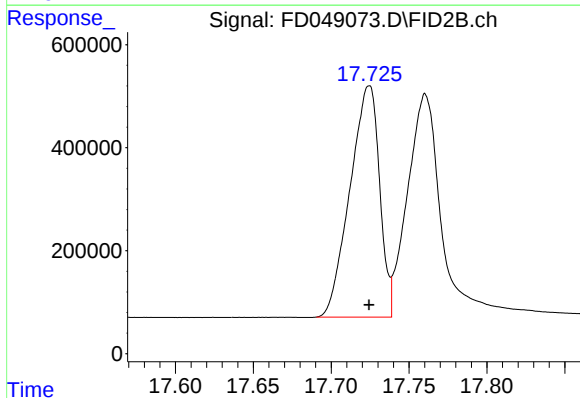
R.T.: 16.015 min  
Delta R.T.: 0.000 min  
Response: 7115728  
Conc: 49.35 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



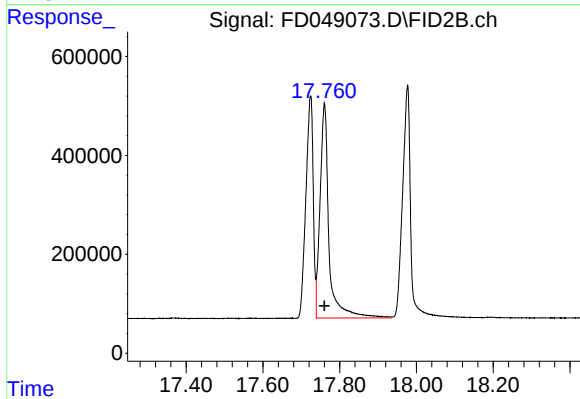
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min  
Delta R.T.: 0.000 min  
Response: 6633881  
Conc: 50.06 ug/ml



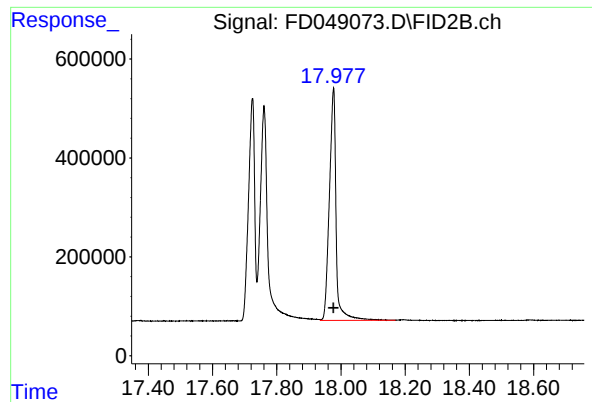
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min  
Delta R.T.: 0.000 min  
Response: 5940391  
Conc: 50.81 ug/ml



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

R.T.: 17.760 min  
Delta R.T.: 0.000 min  
Response: 7026106  
Conc: 49.37 ug/ml



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

R.T.: 17.977 min  
Delta R.T.: 0.000 min  
Response: 6832759  
Conc: 49.85 ug/ml

Instrument :

FID\_D

ClientSampleId :