

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012425AR\  
 Data File : FD048948.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jan 2025 10:34  
 Operator : YP/AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 25 03:31:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 03:28:54 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...      | 7.360  | 1479402    | 10.537 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.07%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.215  | 849450     | 9.763 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 19.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.239 | 1726263    | 10.783 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.57%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.182  | 1604565    | 10.611 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.702  | 1618653    | 10.451 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.748  | 1607311    | 10.461 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.011  | 1700004    | 10.615 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.302  | 1766355    | 10.947 ug/ml |
| 8) T Flouorene (C16.55)            | 9.086  | 1613538    | 10.386 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.471 | 1562014    | 10.378 ug/ml |
| 10) T Anthracene (C19.43)          | 10.550 | 1574502    | 10.398 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.278 | 1631103    | 10.639 ug/ml |
| 13) T Pyrene (C20.8)               | 12.569 | 1632105    | 10.769 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.439 | 1226846    | 9.115 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.478 | 1859136    | 11.761 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.984 | 1354636    | 9.713 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.016 | 1754098    | 11.447 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.371 | 1447102    | 10.634 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.739 | 938875     | 9.453 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.785 | 1549713    | 10.680 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.980 | 1491403    | 10.730 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

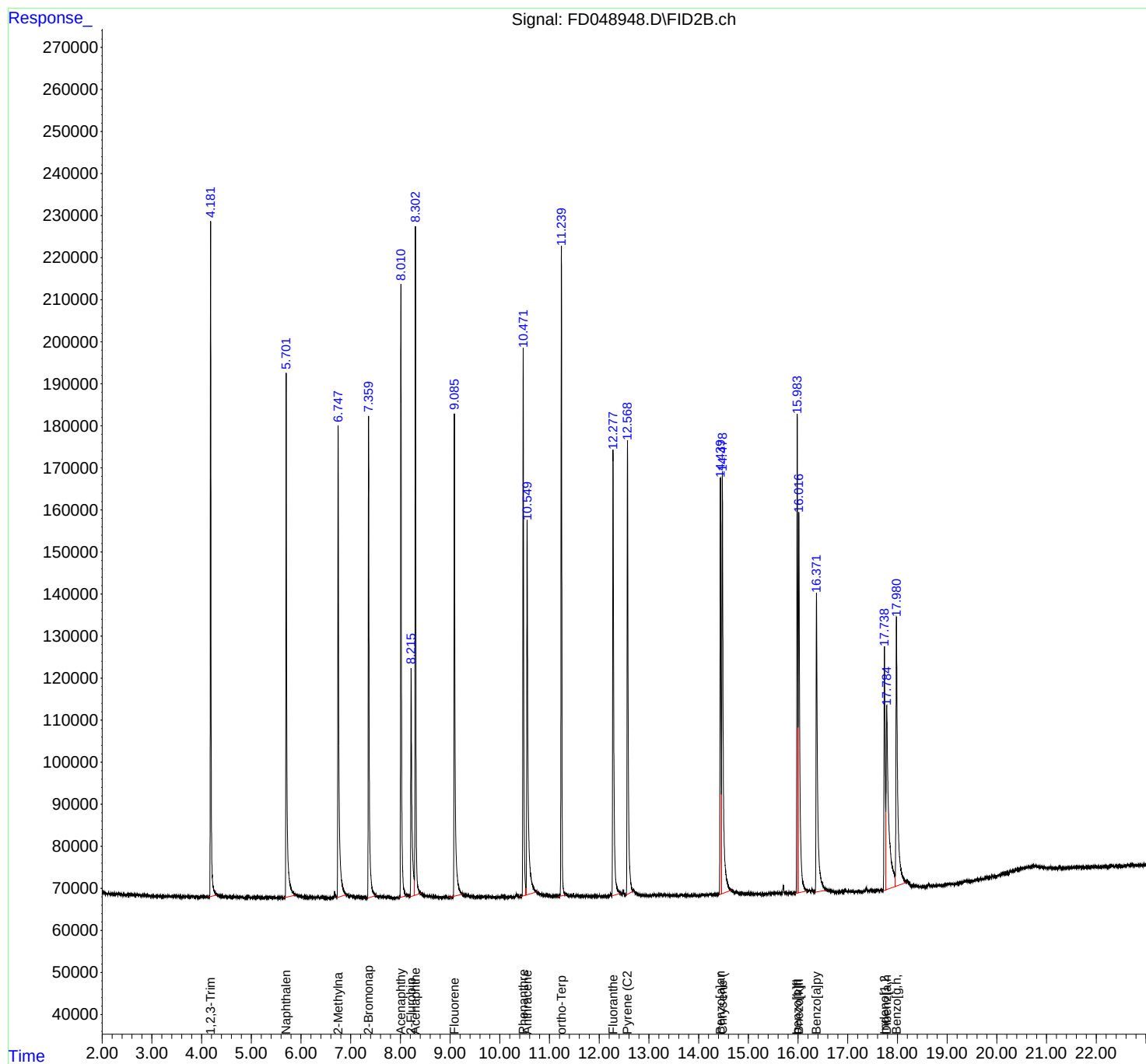
(m)=manual int.

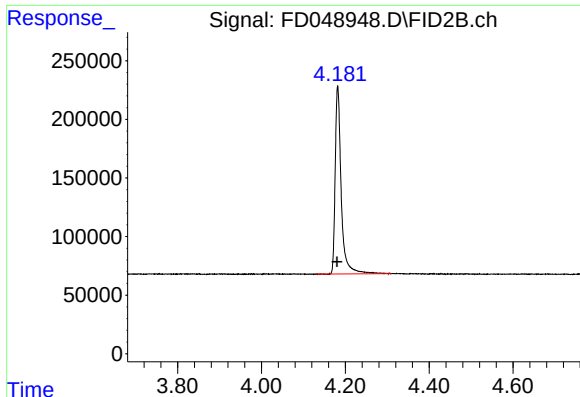
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012425AR\  
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Volume Inj. : 1 µl  
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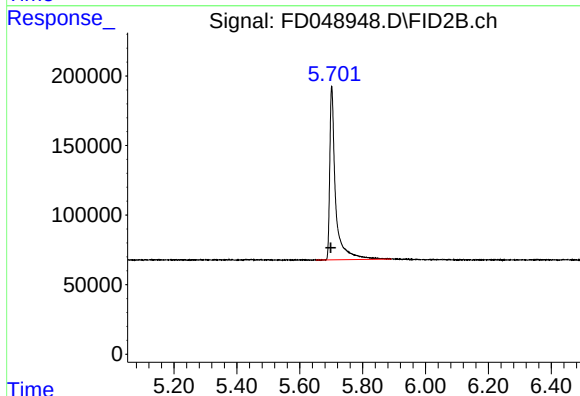




#1 1,2,3-Trimethylbenzene (C10.1)

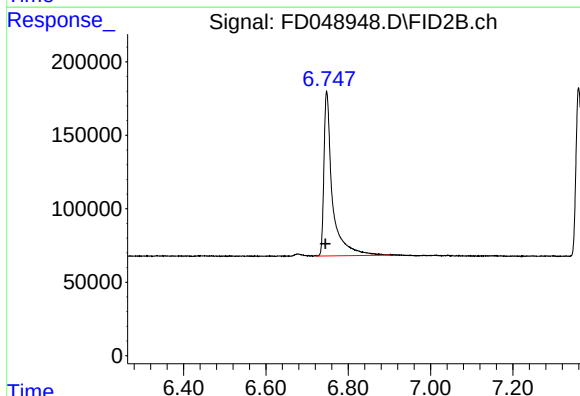
R.T.: 4.182 min  
Delta R.T.: 0.002 min  
Response: 1604565  
Conc: 10.61 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



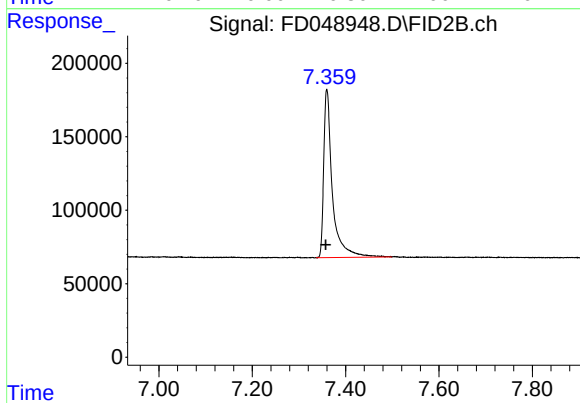
#2 Naphthalene (C11.7)

R.T.: 5.702 min  
Delta R.T.: 0.003 min  
Response: 1618653  
Conc: 10.45 ug/ml



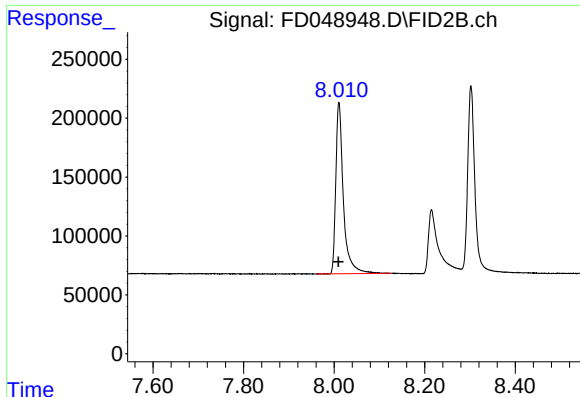
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min  
Delta R.T.: 0.003 min  
Response: 1607311  
Conc: 10.46 ug/ml



#4 2-Bromonaphthalene (SURR)

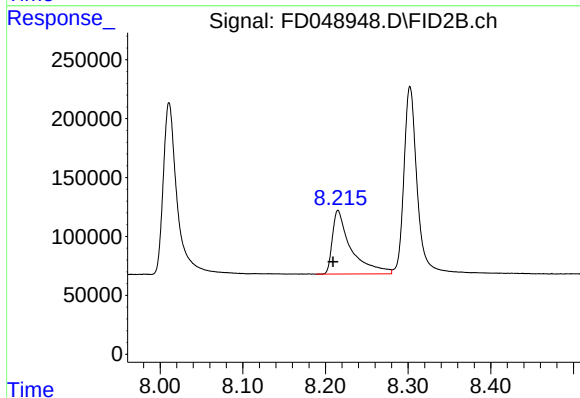
R.T.: 7.360 min  
Delta R.T.: 0.002 min  
Response: 1479402  
Conc: 10.54 ug/ml



#5 Acenaphthylene (C15.06)

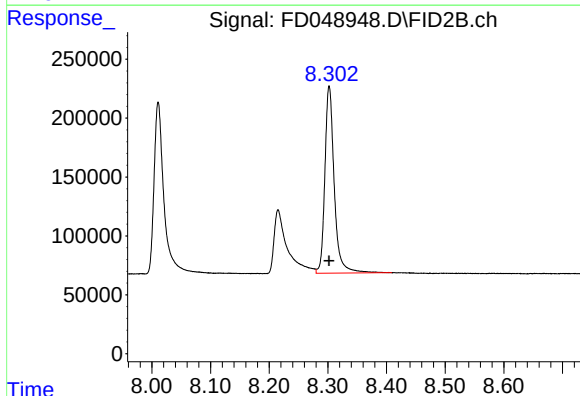
R.T.: 8.011 min  
Delta R.T.: 0.002 min  
Response: 1700004  
Conc: 10.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



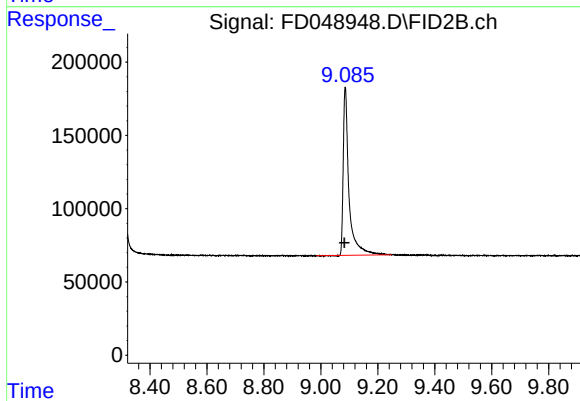
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min  
Delta R.T.: 0.006 min  
Response: 849450  
Conc: 9.76 ug/ml



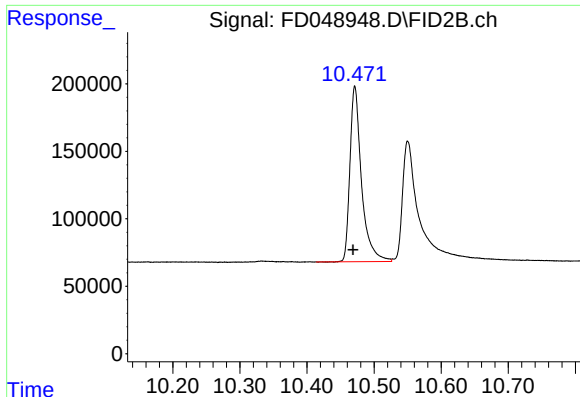
#7 Acenaphthene (C15.5)

R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 1766355  
Conc: 10.95 ug/ml



#8 Fluorene (C16.55)

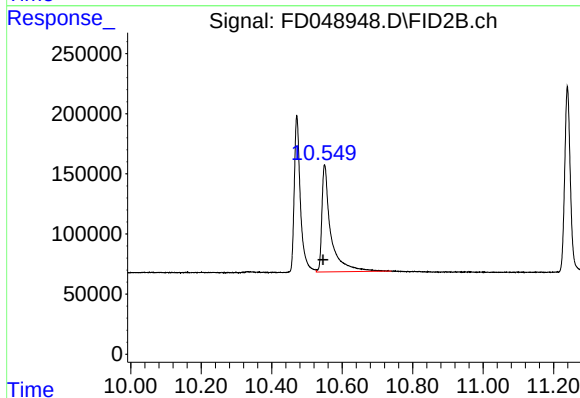
R.T.: 9.086 min  
Delta R.T.: 0.003 min  
Response: 1613538  
Conc: 10.39 ug/ml



#9 Phenanthrene (C19.36)

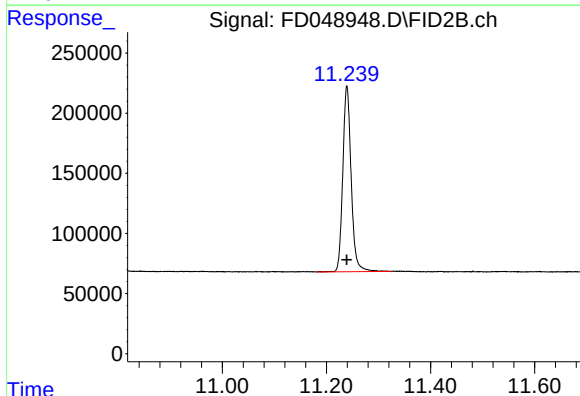
R.T.: 10.471 min  
Delta R.T.: 0.003 min  
Response: 1562014  
Conc: 10.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



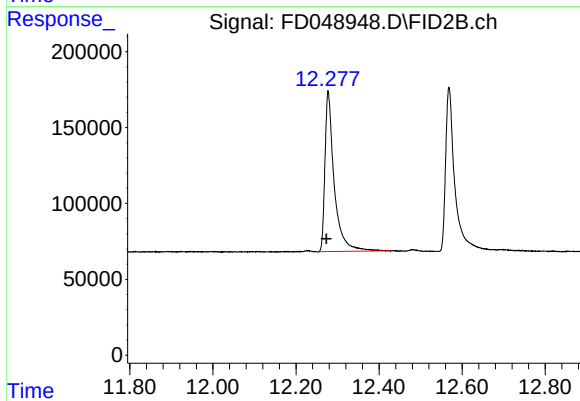
#10 Anthracene (C19.43)

R.T.: 10.550 min  
Delta R.T.: 0.004 min  
Response: 1574502  
Conc: 10.40 ug/ml



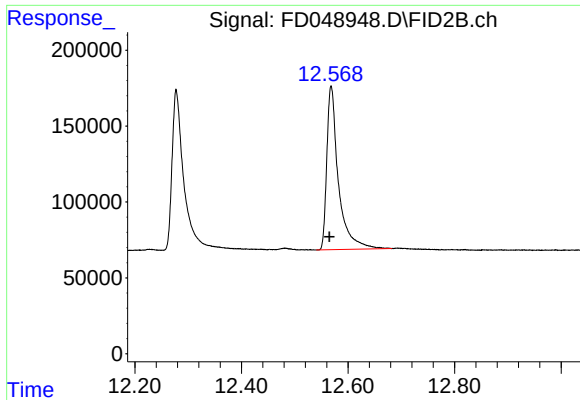
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min  
Delta R.T.: 0.000 min  
Response: 1726263  
Conc: 10.78 ug/ml



#12 Fluoranthene (C21.85)

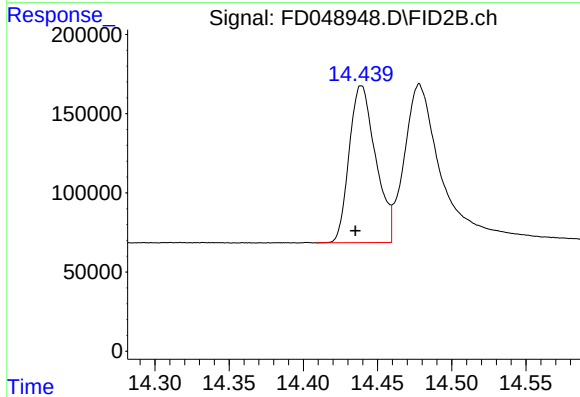
R.T.: 12.278 min  
Delta R.T.: 0.005 min  
Response: 1631103  
Conc: 10.64 ug/ml



#13 Pyrene (C20.8)

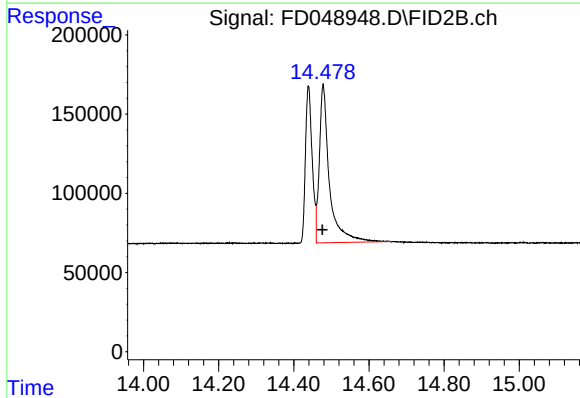
R.T.: 12.569 min  
Delta R.T.: 0.003 min  
Response: 1632105  
Conc: 10.77 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



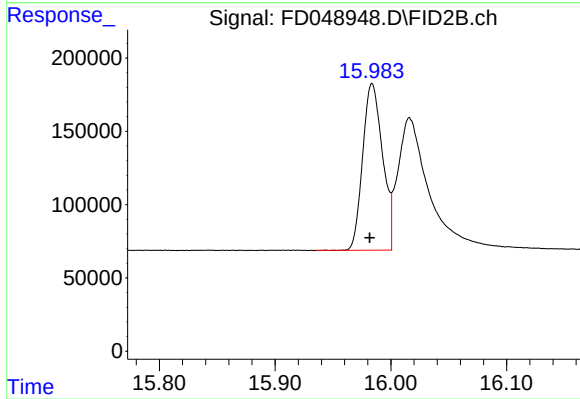
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min  
Delta R.T.: 0.004 min  
Response: 1226846  
Conc: 9.12 ug/ml



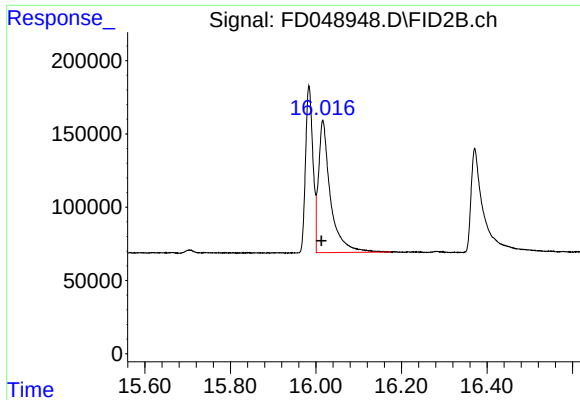
#15 Chrysene (C27.41)

R.T.: 14.478 min  
Delta R.T.: 0.002 min  
Response: 1859136  
Conc: 11.76 ug/ml



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

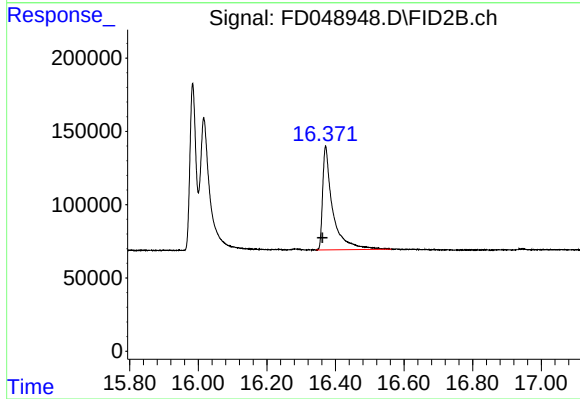
R.T.: 15.984 min  
Delta R.T.: 0.002 min  
Response: 1354636  
Conc: 9.71 ug/ml



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

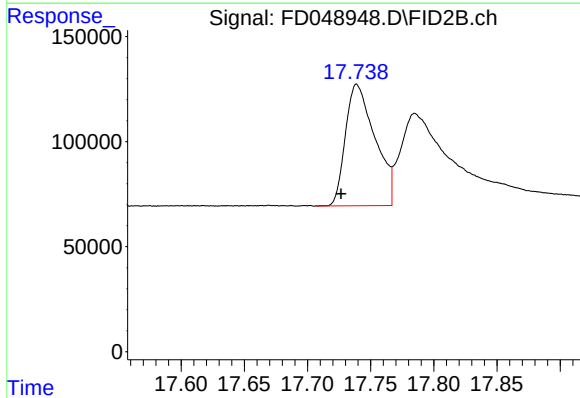
R.T.: 16.016 min  
Delta R.T.: 0.003 min  
Response: 1754098  
Conc: 11.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



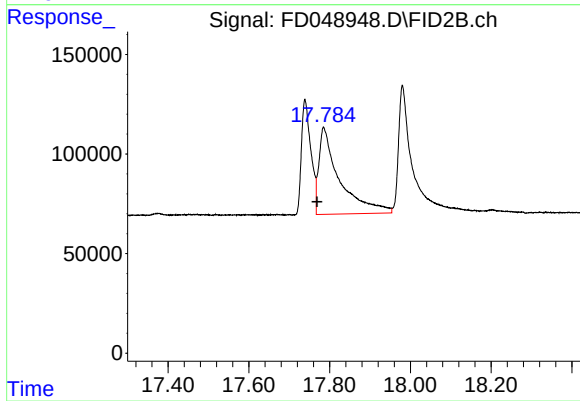
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min  
Delta R.T.: 0.010 min  
Response: 1447102  
Conc: 10.63 ug/ml



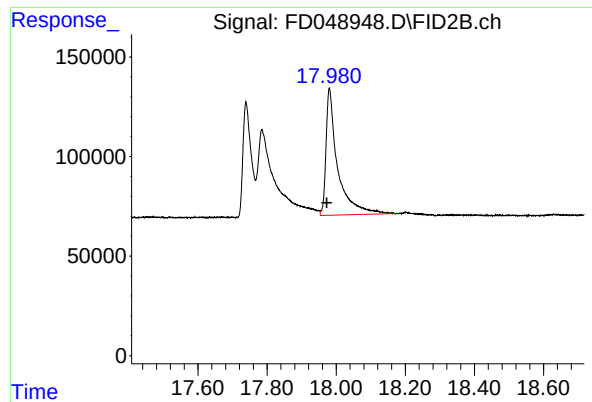
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min  
Delta R.T.: 0.012 min  
Response: 938875  
Conc: 9.45 ug/ml



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

R.T.: 17.785 min  
Delta R.T.: 0.016 min  
Response: 1549713  
Conc: 10.68 ug/ml



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

R.T.: 17.980 min  
Delta R.T.: 0.008 min  
Response: 1491403  
Conc: 10.73 ug/ml

Instrument :

FID\_D

ClientSampleId :