

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110625AR\  
 Data File : FD049877.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Nov 2025 16:24  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MECL2

Integration File: autoint1.e  
 Quant Time: Nov 07 01:32:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 103025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 30 16:29:26 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...      | 7.698  | 2326781    | 20.964 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.93%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.562  | 1629394    | 20.799 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.60%       |
| 11) S ortho-Terphenyl (SURR)       | 11.607 | 2934949    | 20.730 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.46%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2253298    | 20.531 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.034  | 2607484    | 20.984 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.087  | 2717329    | 21.007 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.365  | 2854271    | 20.959 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.661  | 2870875    | 21.060 ug/ml |
| 8) T Fluorene (C16.55)             | 9.442  | 2831578    | 20.824 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.839 | 2761804    | 19.972 ug/ml |
| 10) T Anthracene (C19.43)          | 10.914 | 2418035    | 18.960 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.652 | 2764961    | 19.882 ug/ml |
| 13) T Pyrene (C20.8)               | 12.949 | 2730985    | 19.686 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.820 | 2357785    | 18.647 ug/ml |
| 15) T Chrysene (C27.41)            | 14.863 | 2481724    | 18.915 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.371 | 2424166    | 18.820 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.403 | 2277006    | 18.707 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.749 | 2311189    | 18.455 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.113 | 2071642    | 18.001 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.152 | 2140630    | 16.532 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.367 | 2326144    | 18.492 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

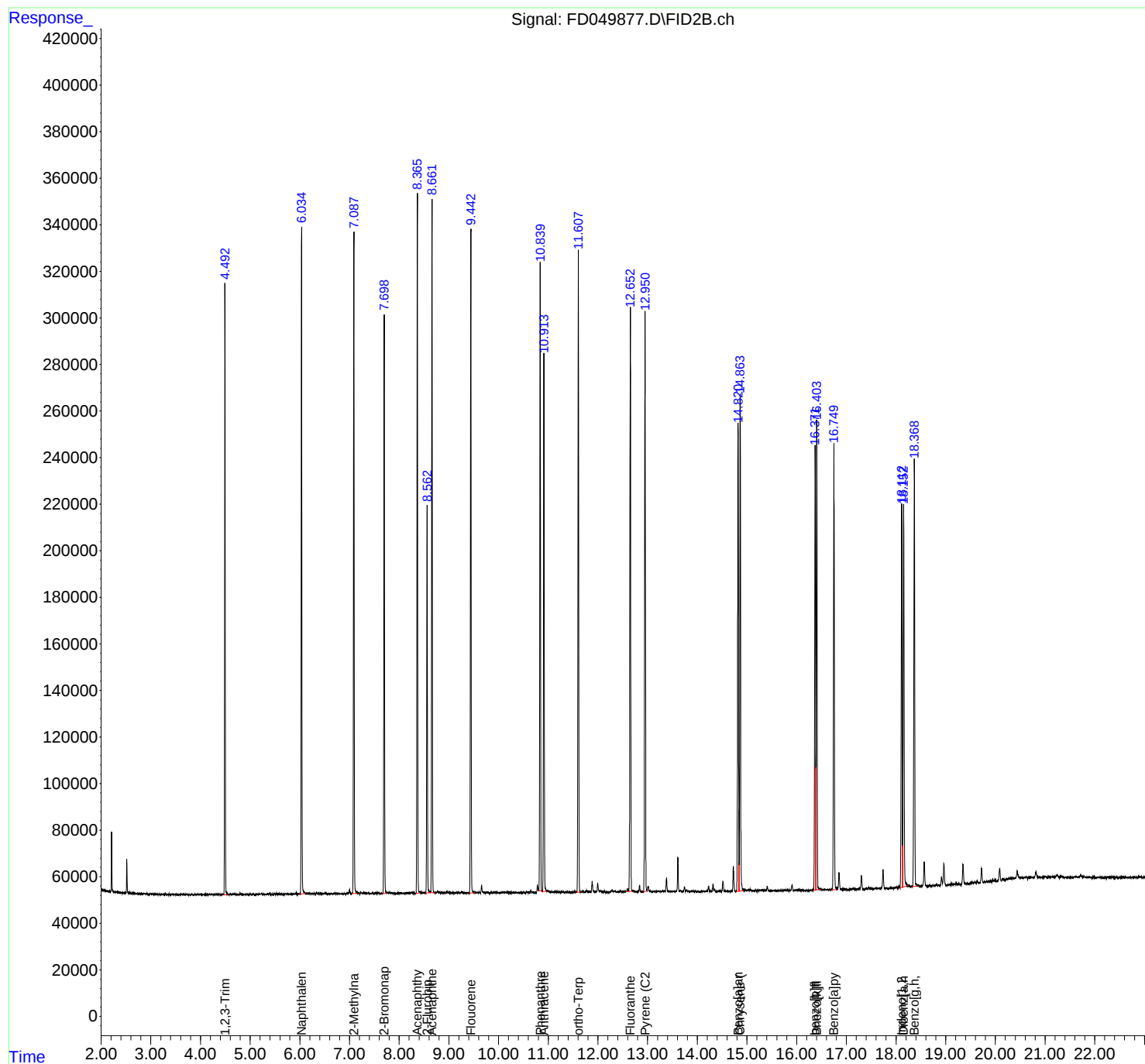
(m)=manual int.

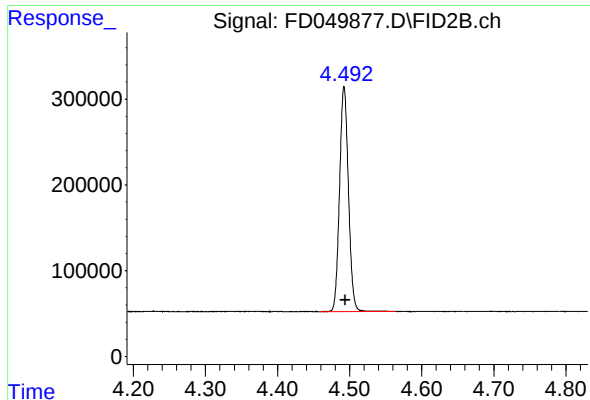
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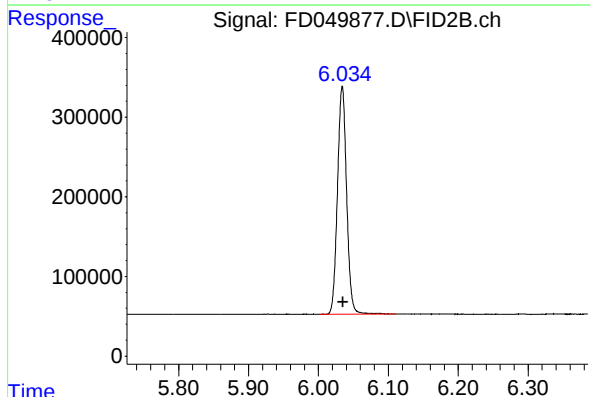




#1 1,2,3-Trimethylbenzene (C10.1)

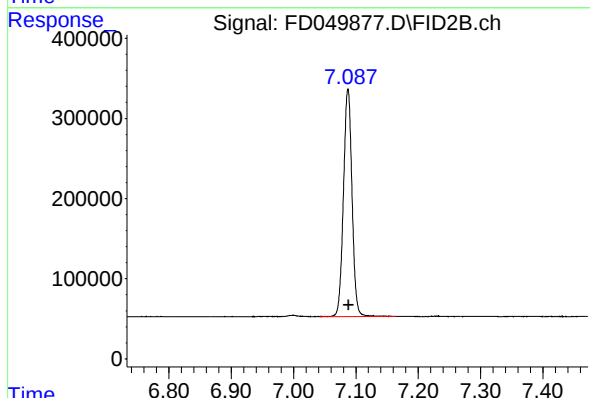
R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 2253298  
Conc: 20.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MECL2



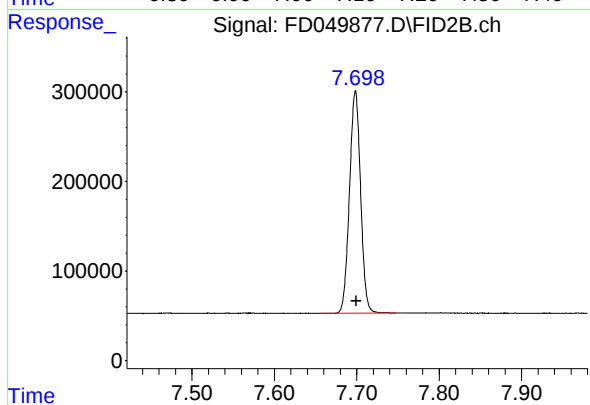
#2 Naphthalene (C11.7)

R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 2607484  
Conc: 20.98 ug/ml



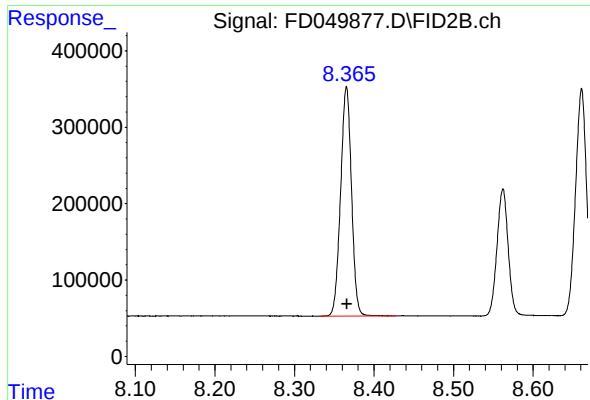
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min  
Delta R.T.: 0.000 min  
Response: 2717329  
Conc: 21.01 ug/ml



#4 2-Bromonaphthalene (SURR)

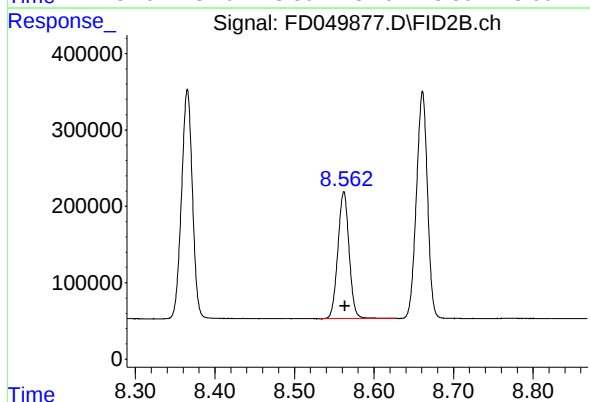
R.T.: 7.698 min  
Delta R.T.: -0.001 min  
Response: 2326781  
Conc: 20.96 ug/ml



#5 Acenaphthylene (C15.06)

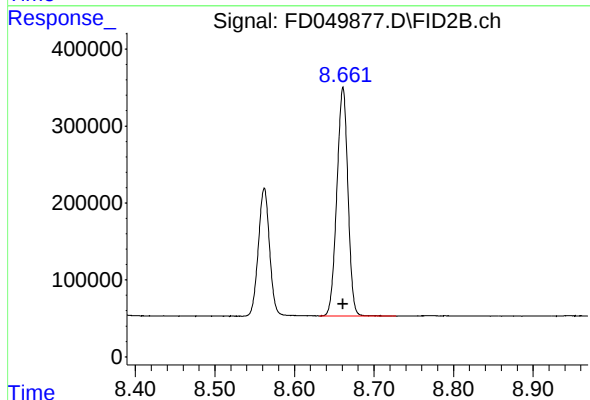
R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 2854271  
Conc: 20.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MECL2



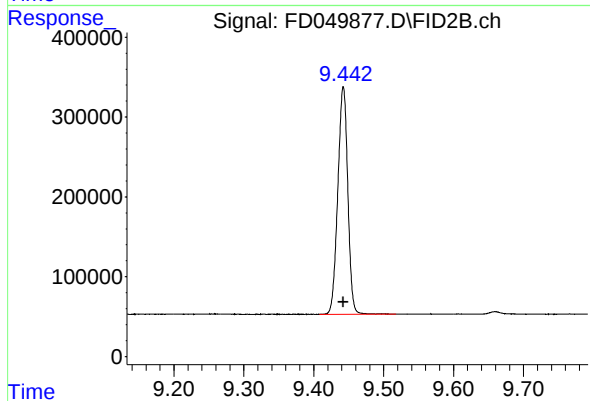
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min  
Delta R.T.: -0.002 min  
Response: 1629394  
Conc: 20.80 ug/ml



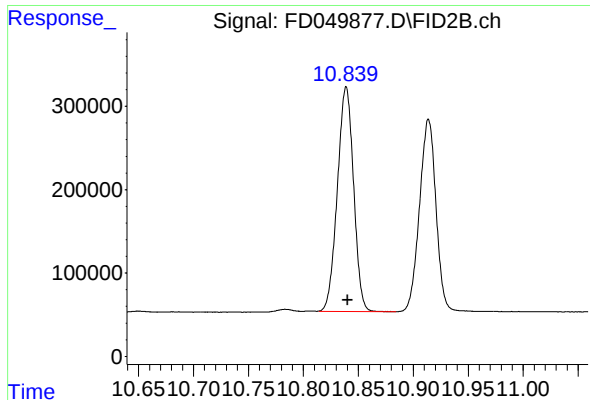
#7 Acenaphthene (C15.5)

R.T.: 8.661 min  
Delta R.T.: 0.000 min  
Response: 2870875  
Conc: 21.06 ug/ml



#8 Flouorene (C16.55)

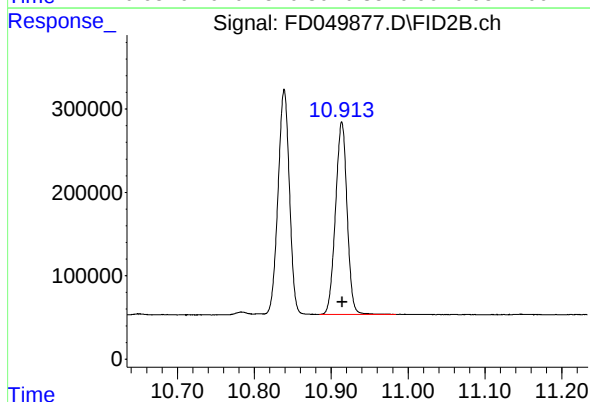
R.T.: 9.442 min  
Delta R.T.: 0.000 min  
Response: 2831578  
Conc: 20.82 ug/ml



#9 Phenanthrene (C19.36)

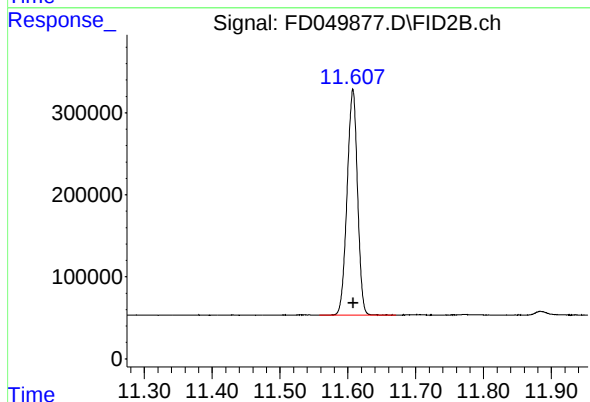
R.T.: 10.839 min  
Delta R.T.: -0.001 min  
Response: 2761804  
Conc: 19.97 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MECL2



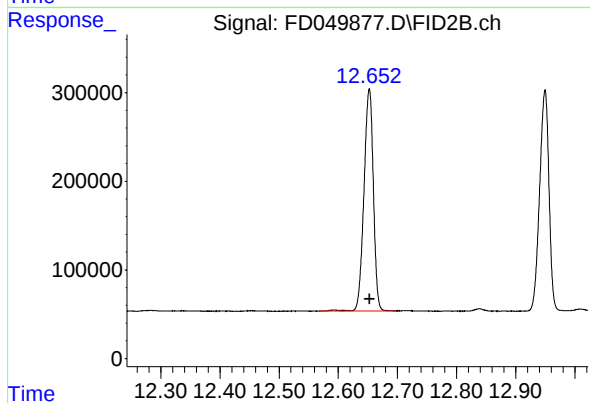
#10 Anthracene (C19.43)

R.T.: 10.914 min  
Delta R.T.: 0.000 min  
Response: 2418035  
Conc: 18.96 ug/ml



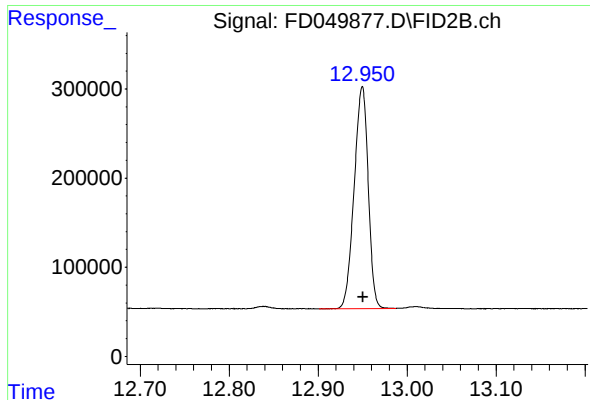
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min  
Delta R.T.: 0.000 min  
Response: 2934949  
Conc: 20.73 ug/ml



#12 Fluoranthene (C21.85)

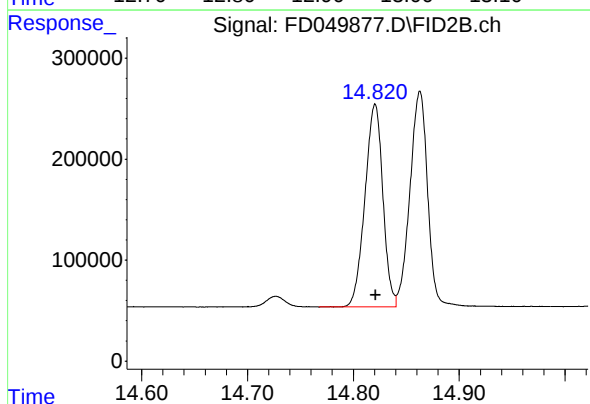
R.T.: 12.652 min  
Delta R.T.: 0.000 min  
Response: 2764961  
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

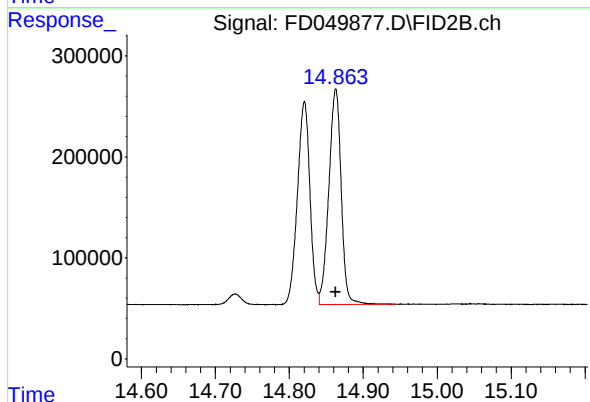
R.T.: 12.949 min  
Delta R.T.: 0.000 min  
Response: 2730985  
Conc: 19.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MECL2



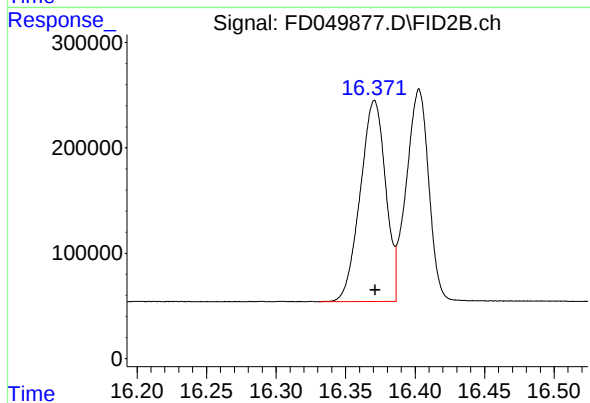
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.820 min  
Delta R.T.: 0.000 min  
Response: 2357785  
Conc: 18.65 ug/ml



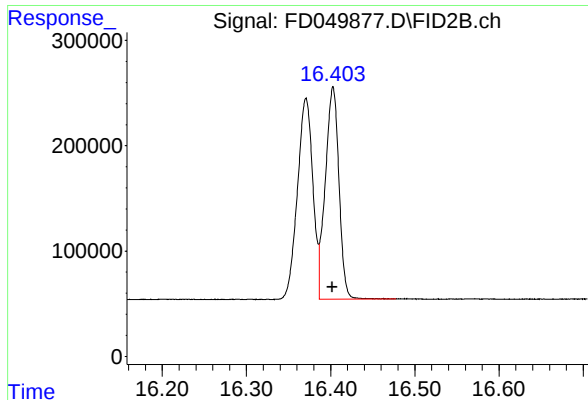
#15 Chrysene (C27.41)

R.T.: 14.863 min  
Delta R.T.: 0.000 min  
Response: 2481724  
Conc: 18.92 ug/ml



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

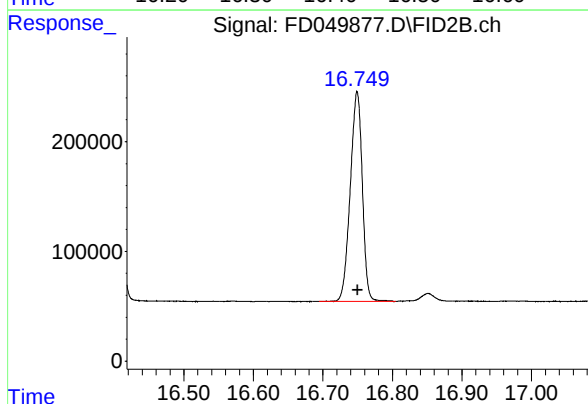
R.T.: 16.371 min  
Delta R.T.: 0.000 min  
Response: 2424166  
Conc: 18.82 ug/ml



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

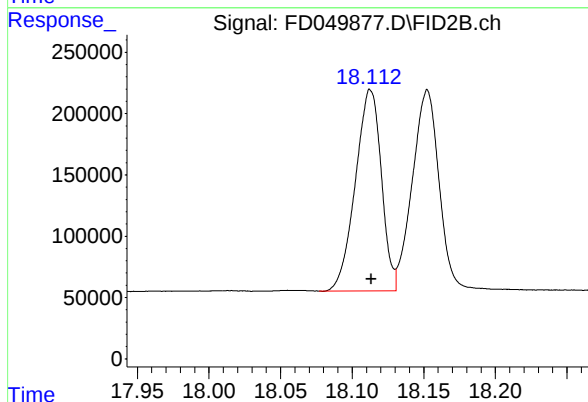
R.T.: 16.403 min  
Delta R.T.: 0.000 min  
Response: 2277006  
Conc: 18.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MECL2



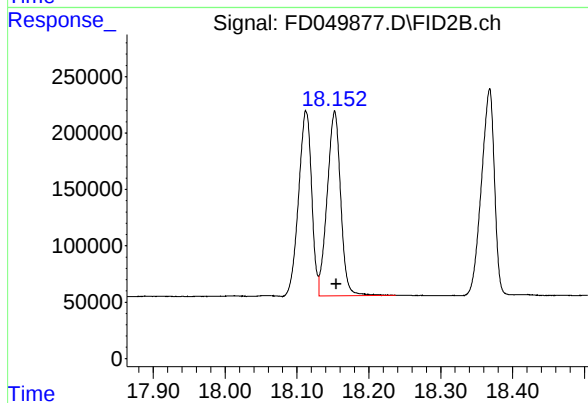
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min  
Delta R.T.: -0.001 min  
Response: 2311189  
Conc: 18.46 ug/ml



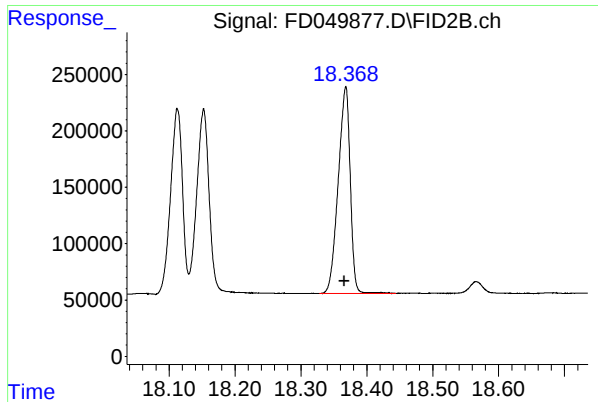
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min  
Delta R.T.: 0.000 min  
Response: 2071642  
Conc: 18.00 ug/ml



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

R.T.: 18.152 min  
Delta R.T.: -0.003 min  
Response: 2140630  
Conc: 16.53 ug/ml



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

R.T.: 18.367 min

Delta R.T.: 0.001 min

Response: 2326144

Conc: 18.49 ug/ml

Instrument :

FID\_D

ClientSampleId :

MECL2