

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100424AR\  
 Data File : FD048425.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Oct 2024 20:41  
 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: Oct 05 03:42:51 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:17:34 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...      | 7.380  | 3505448    | 21.172 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.34%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.231  | 2257197    | 21.766 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.265 | 3947831    | 21.456 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.91%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.202  | 3934550    | 22.450 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.721  | 4090508    | 21.908 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.767  | 4092219    | 21.653 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.033  | 4019282    | 20.951 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.326  | 4087525    | 21.609 ug/ml |
| 8) T Flouorene (C16.55)            | 9.105  | 3907247    | 21.626 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.492 | 3823809    | 21.575 ug/ml |
| 10) T Anthracene (C19.43)          | 10.568 | 3217242    | 18.080 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.295 | 3838827    | 21.224 ug/ml |
| 13) T Pyrene (C20.8)               | 12.588 | 3756178    | 20.976 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.457 | 3362189    | 21.038 ug/ml |
| 15) T Chrysene (C27.41)            | 14.498 | 3773777    | 20.232 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.002 | 3477564    | 20.881 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.034 | 3353517    | 19.756 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.378 | 3376568    | 20.659 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.741 | 2752528    | 20.925 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.783 | 3533141    | 21.114 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.991 | 3352842    | 20.642 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

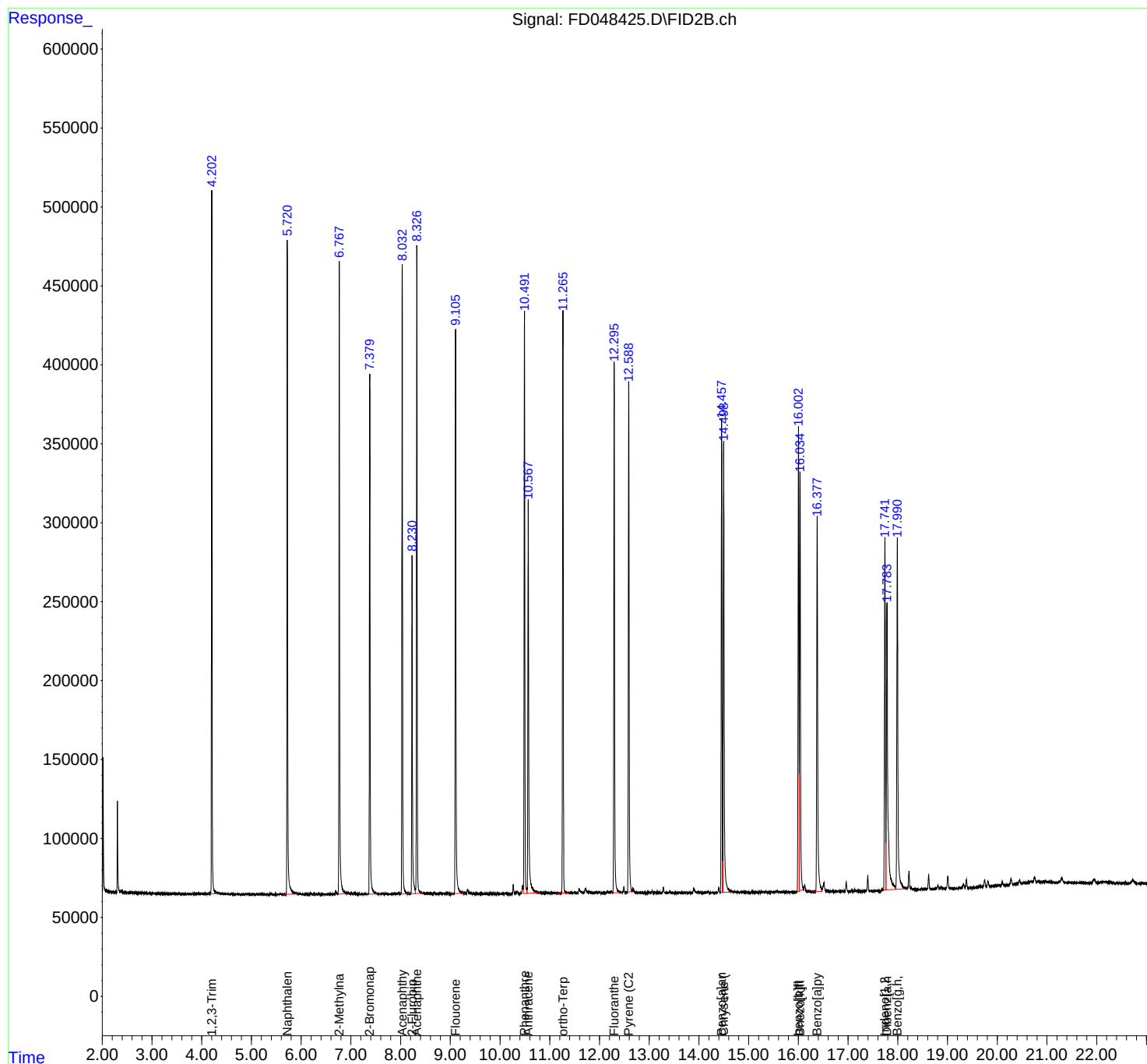
(m)=manual int.

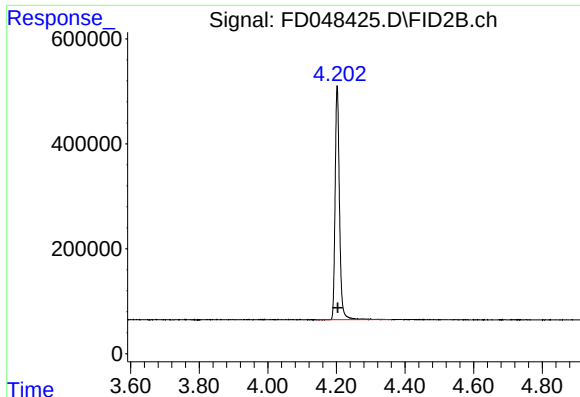
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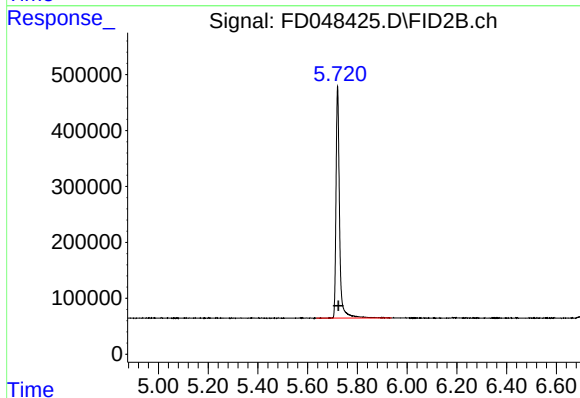




#1 1,2,3-Trimethylbenzene (C10.1)

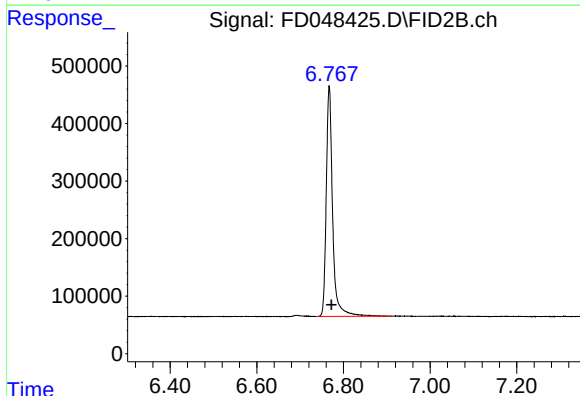
R.T.: 4.202 min  
Delta R.T.: -0.002 min  
Response: 3934550  
Conc: 22.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



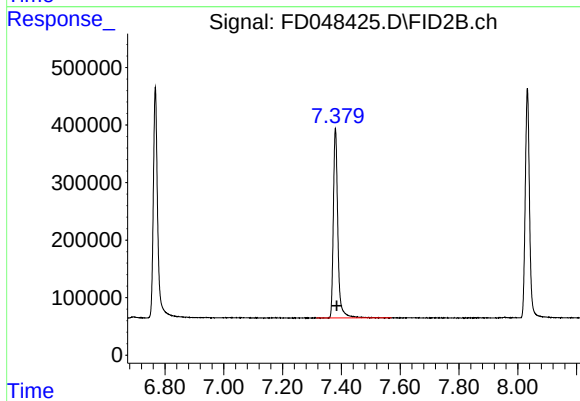
#2 Naphthalene (C11.7)

R.T.: 5.721 min  
Delta R.T.: -0.004 min  
Response: 4090508  
Conc: 21.91 ug/ml



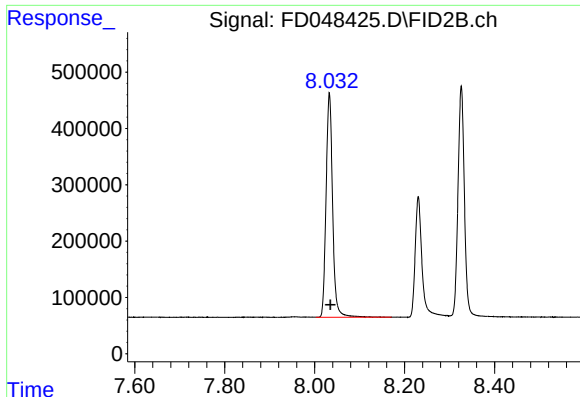
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min  
Delta R.T.: -0.005 min  
Response: 4092219  
Conc: 21.65 ug/ml



#4 2-Bromonaphthalene (SURR)

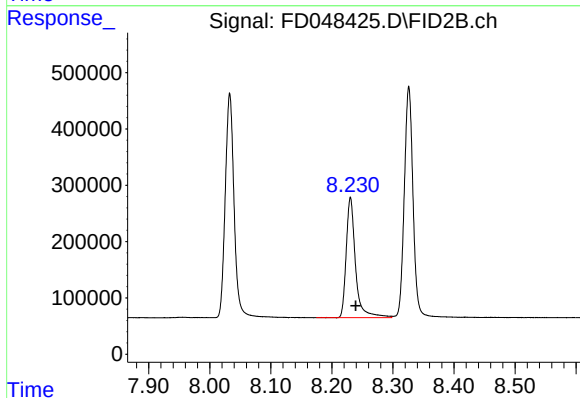
R.T.: 7.380 min  
Delta R.T.: -0.004 min  
Response: 3505448  
Conc: 21.17 ug/ml



#5 Acenaphthylene (C15.06)

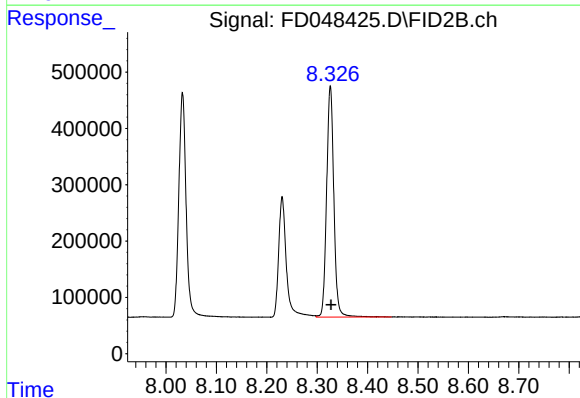
R.T.: 8.033 min  
Delta R.T.: -0.003 min  
Response: 4019282  
Conc: 20.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



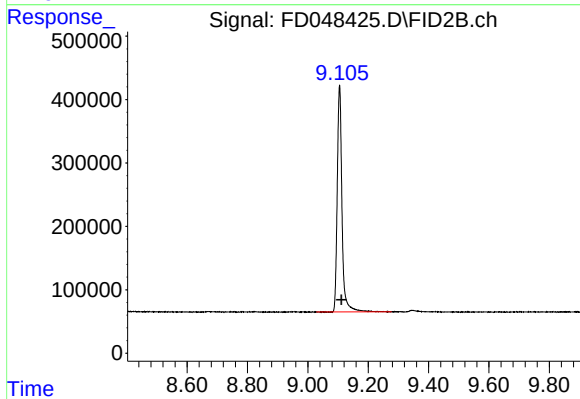
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min  
Delta R.T.: -0.008 min  
Response: 2257197  
Conc: 21.77 ug/ml



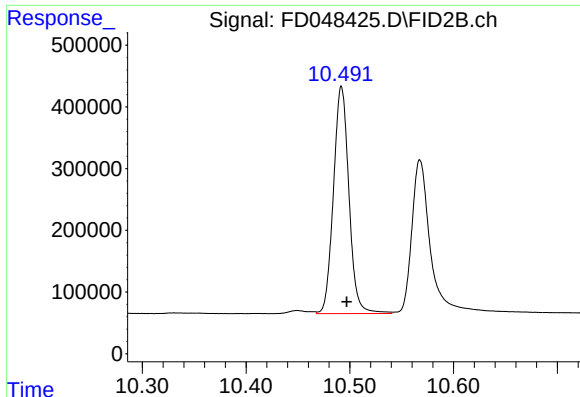
#7 Acenaphthene (C15.5)

R.T.: 8.326 min  
Delta R.T.: -0.002 min  
Response: 4087525  
Conc: 21.61 ug/ml



#8 Fluorene (C16.55)

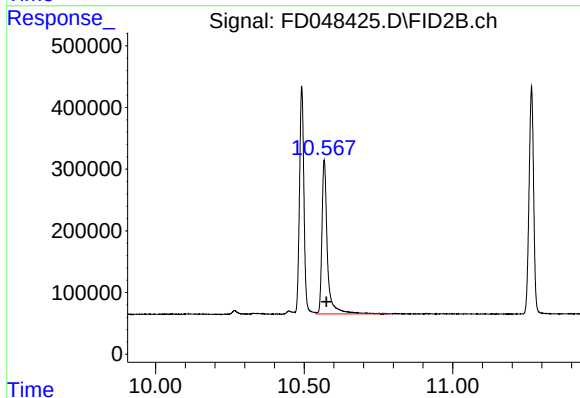
R.T.: 9.105 min  
Delta R.T.: -0.006 min  
Response: 3907247  
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

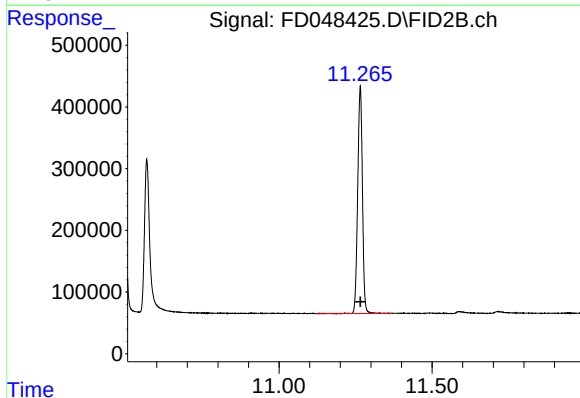
R.T.: 10.492 min  
Delta R.T.: -0.005 min  
Response: 3823809  
Conc: 21.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



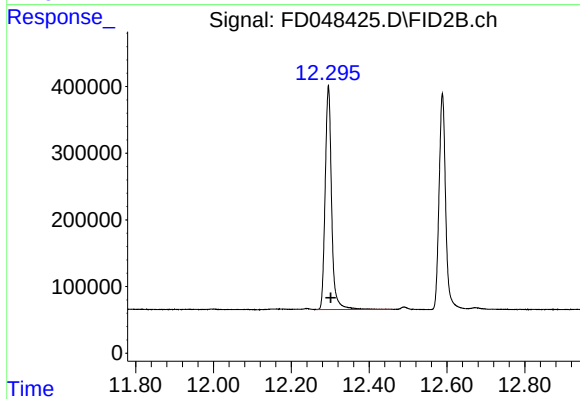
#10 Anthracene (C19.43)

R.T.: 10.568 min  
Delta R.T.: -0.008 min  
Response: 3217242  
Conc: 18.08 ug/ml



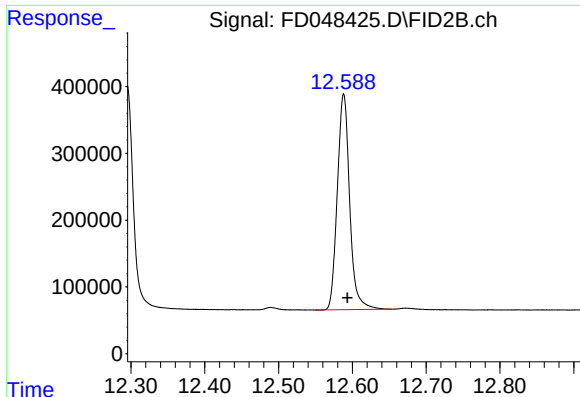
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min  
Delta R.T.: 0.000 min  
Response: 3947831  
Conc: 21.46 ug/ml



#12 Fluoranthene (C21.85)

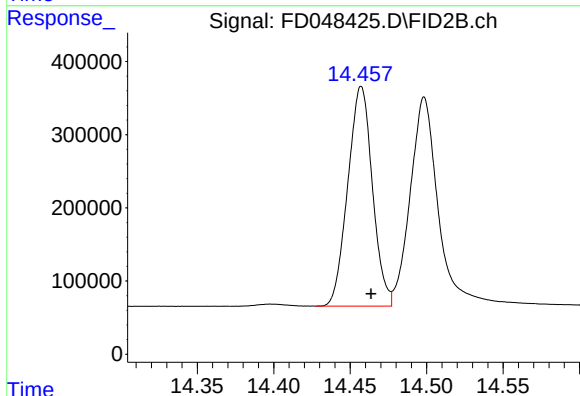
R.T.: 12.295 min  
Delta R.T.: -0.006 min  
Response: 3838827  
Conc: 21.22 ug/ml



#13 Pyrene (C20.8)

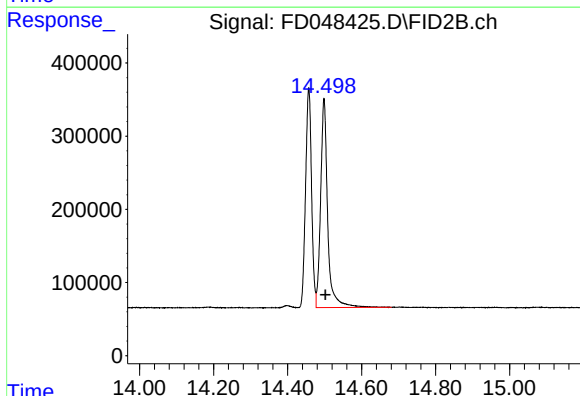
R.T.: 12.588 min  
Delta R.T.: -0.005 min  
Response: 3756178  
Conc: 20.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



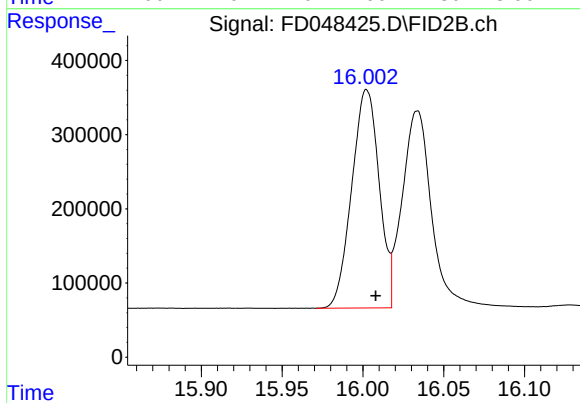
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min  
Delta R.T.: -0.007 min  
Response: 3362189  
Conc: 21.04 ug/ml



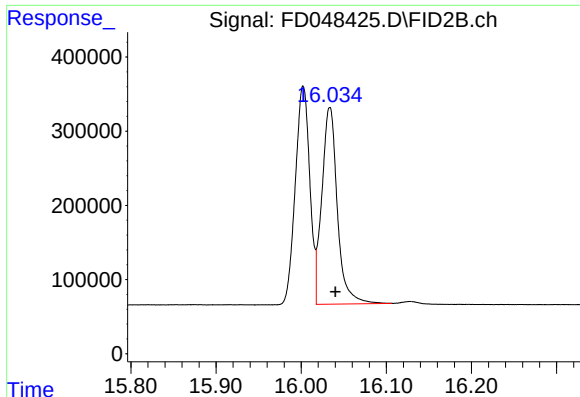
#15 Chrysene (C27.41)

R.T.: 14.498 min  
Delta R.T.: -0.004 min  
Response: 3773777  
Conc: 20.23 ug/ml



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

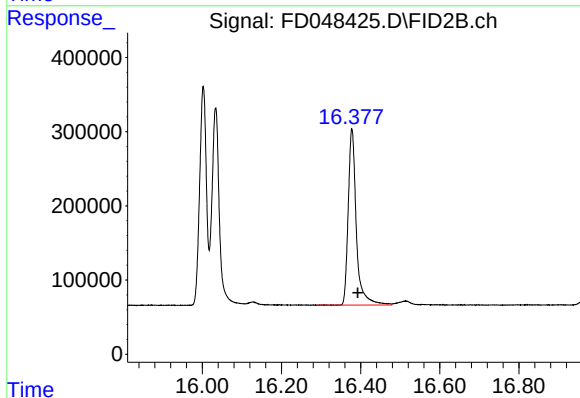
R.T.: 16.002 min  
Delta R.T.: -0.006 min  
Response: 3477564  
Conc: 20.88 ug/ml



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

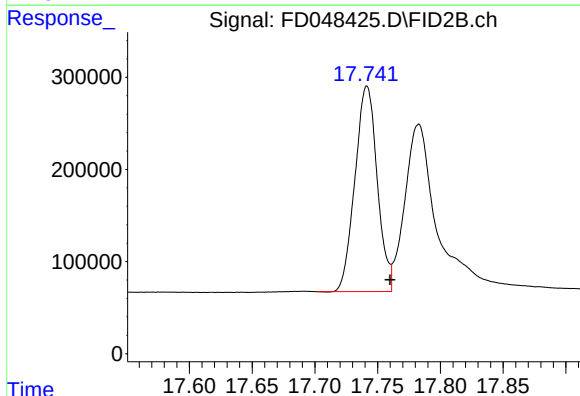
R.T.: 16.034 min  
Delta R.T.: -0.007 min  
Response: 3353517  
Conc: 19.76 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



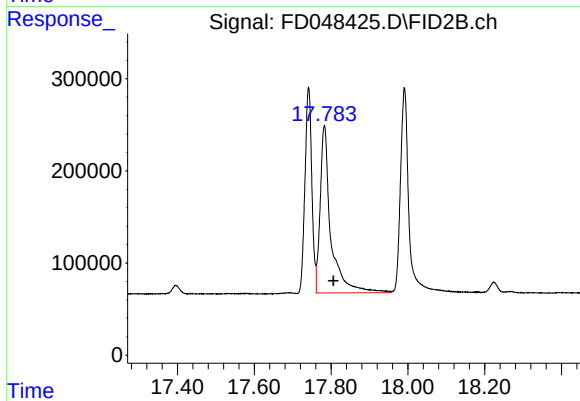
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min  
Delta R.T.: -0.015 min  
Response: 3376568  
Conc: 20.66 ug/ml



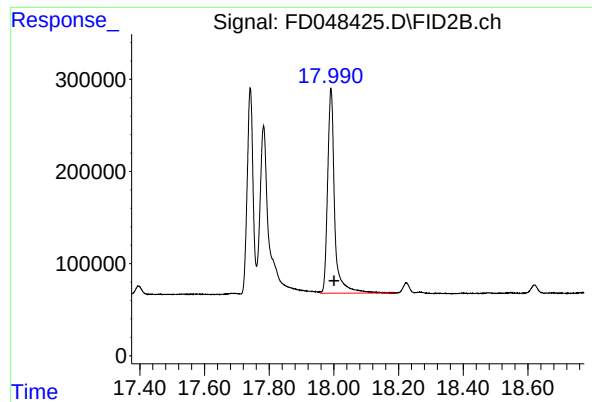
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min  
Delta R.T.: -0.019 min  
Response: 2752528  
Conc: 20.93 ug/ml



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

R.T.: 17.783 min  
Delta R.T.: -0.024 min  
Response: 3533141  
Conc: 21.11 ug/ml



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

R.T.: 17.991 min  
Delta R.T.: -0.010 min  
Response: 3352842  
Conc: 20.64 ug/ml

Instrument :

FID\_D

ClientSampleId :