

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111224AR\  
 Data File : FD048708.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Nov 2024 09:22  
 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: Nov 12 23:22:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:14:59 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...      | 7.378  | 3186748    | 20.996 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.99%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.230  | 2094948    | 21.335 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.265 | 3547664    | 20.827 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.65%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.199  | 3677679    | 21.140 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.719  | 3791448    | 21.248 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.767  | 3775000    | 21.105 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.033  | 3642731    | 20.745 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.327  | 3694154    | 20.828 ug/ml |
| 8) T Fluorene (C16.55)             | 9.106  | 3571959    | 21.131 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.495 | 3466847    | 20.972 ug/ml |
| 10) T Anthracene (C19.43)          | 10.571 | 3026504    | 18.926 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.301 | 3477573    | 21.130 ug/ml |
| 13) T Pyrene (C20.8)               | 12.594 | 3415525    | 21.204 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.466 | 3160512    | 21.615 ug/ml |
| 15) T Chrysene (C27.41)            | 14.507 | 3282947    | 19.958 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.015 | 3313065    | 21.792 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.015 | 3313065    | 22.042 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.391 | 3247372    | 21.578 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.756 | 2912413    | 22.321 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.796 | 3773434    | 23.188 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.007 | 5793870    | 37.846 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

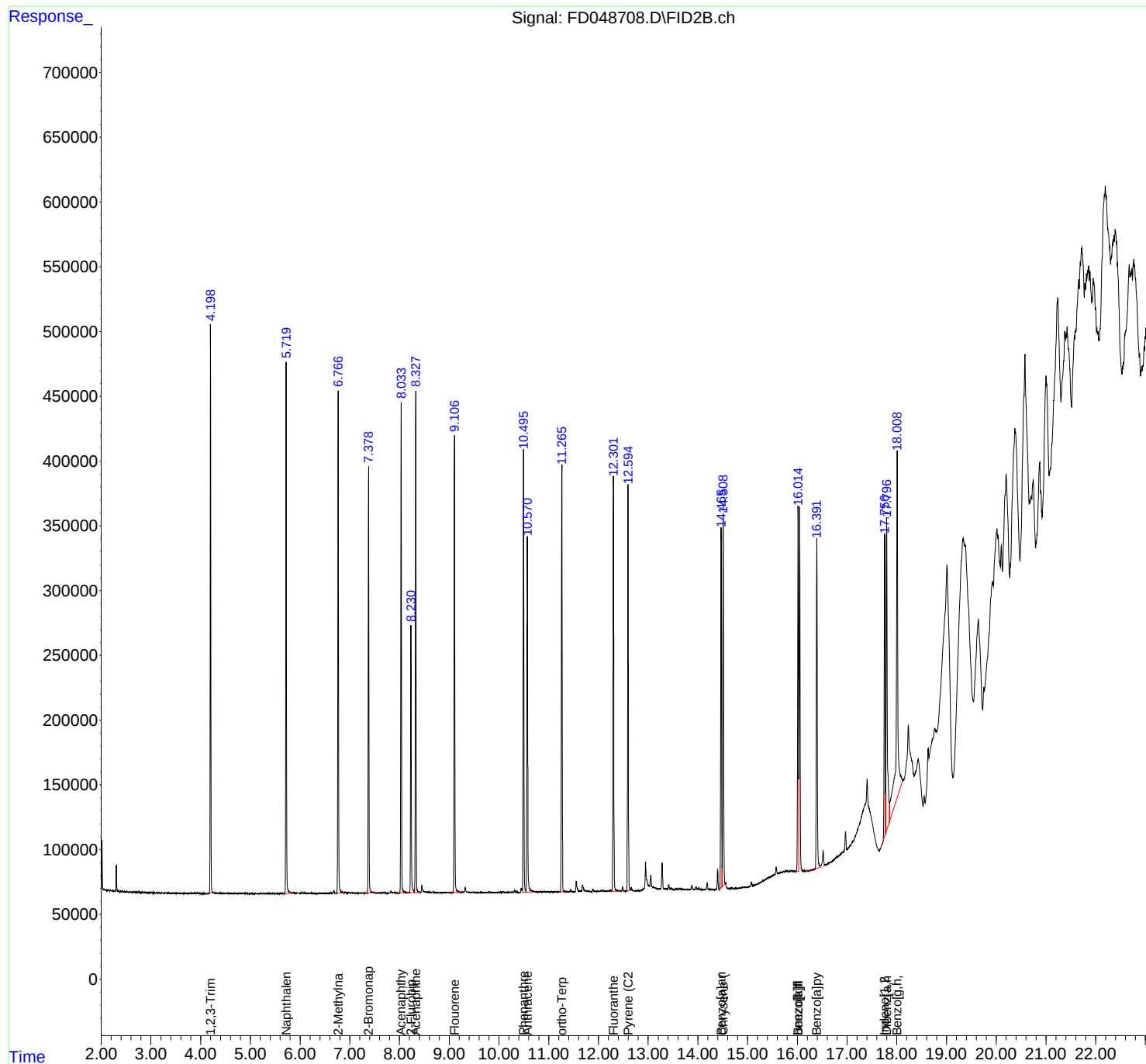
(m)=manual int.

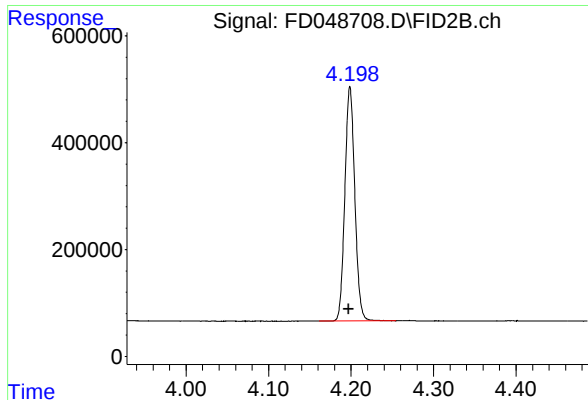
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111224AR\  
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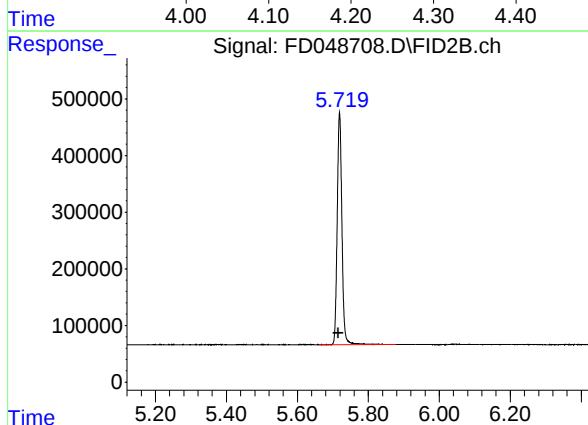




#1 1,2,3-Trimethylbenzene (C10.1)

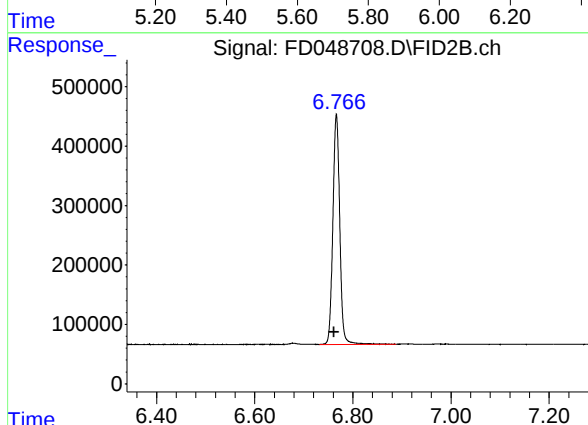
R.T.: 4.199 min  
Delta R.T.: 0.002 min  
Response: 3677679  
Conc: 21.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



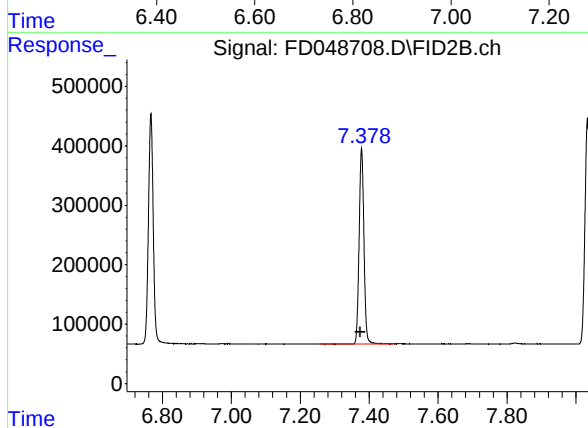
#2 Naphthalene (C11.7)

R.T.: 5.719 min  
Delta R.T.: 0.003 min  
Response: 3791448  
Conc: 21.25 ug/ml



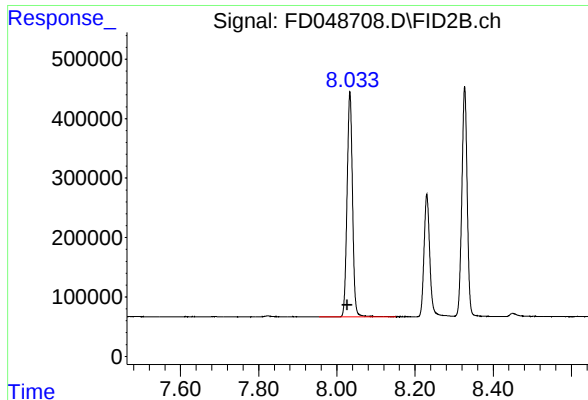
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min  
Delta R.T.: 0.004 min  
Response: 3775000  
Conc: 21.11 ug/ml



#4 2-Bromonaphthalene (SURR)

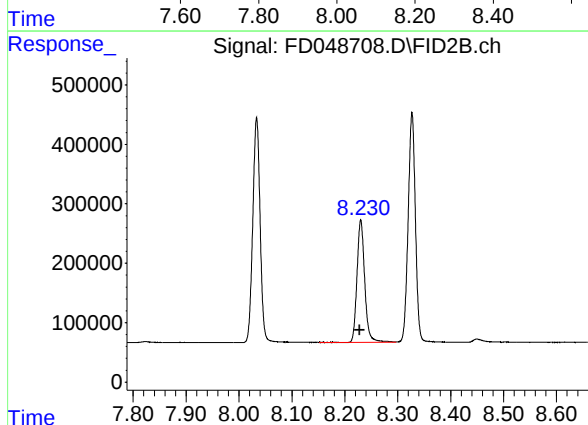
R.T.: 7.378 min  
Delta R.T.: 0.003 min  
Response: 3186748  
Conc: 21.00 ug/ml



#5 Acenaphthylene (C15.06)

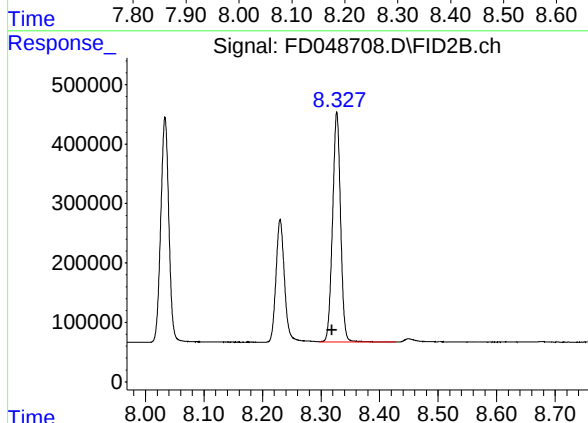
R.T.: 8.033 min  
Delta R.T.: 0.007 min  
Response: 3642731  
Conc: 20.75 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



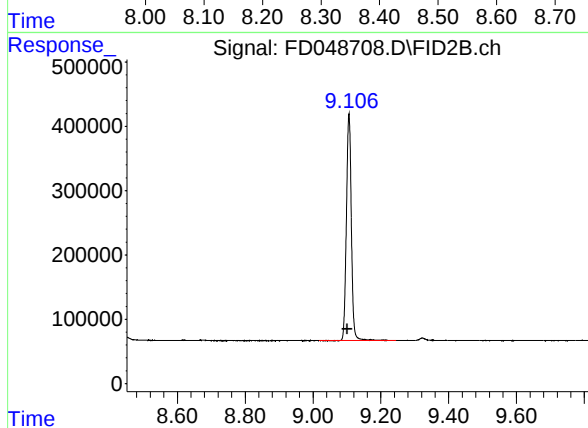
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.230 min  
Delta R.T.: 0.002 min  
Response: 2094948  
Conc: 21.34 ug/ml



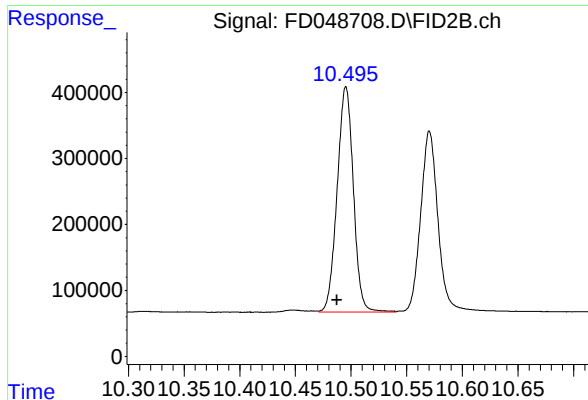
#7 Acenaphthene (C15.5)

R.T.: 8.327 min  
Delta R.T.: 0.008 min  
Response: 3694154  
Conc: 20.83 ug/ml



#8 Flouorene (C16.55)

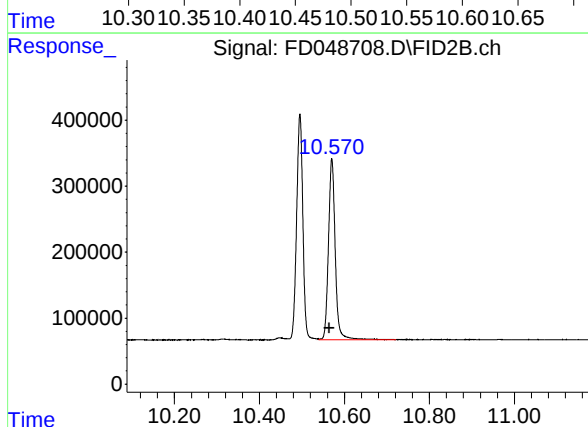
R.T.: 9.106 min  
Delta R.T.: 0.005 min  
Response: 3571959  
Conc: 21.13 ug/ml



#9 Phenanthrene (C19.36)

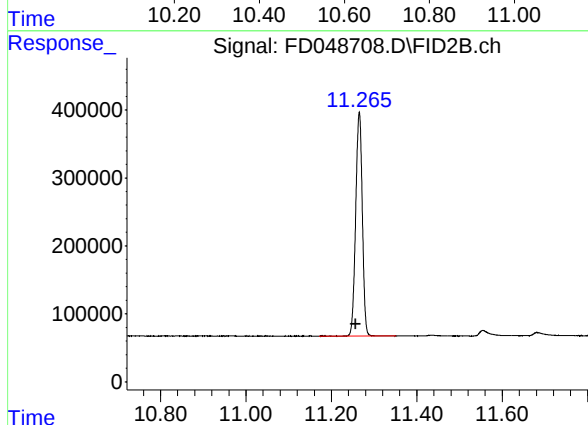
R.T.: 10.495 min  
Delta R.T.: 0.008 min  
Response: 3466847  
Conc: 20.97 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



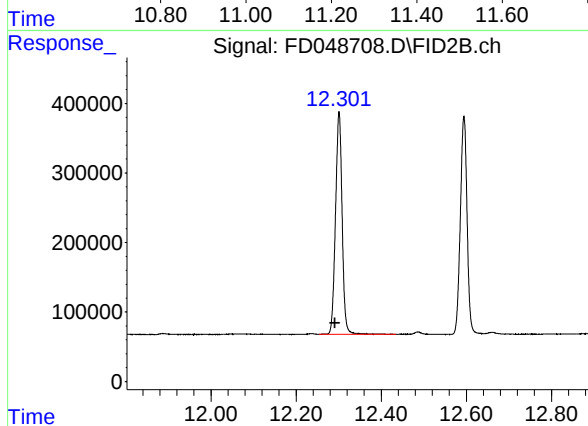
#10 Anthracene (C19.43)

R.T.: 10.571 min  
Delta R.T.: 0.006 min  
Response: 3026504  
Conc: 18.93 ug/ml



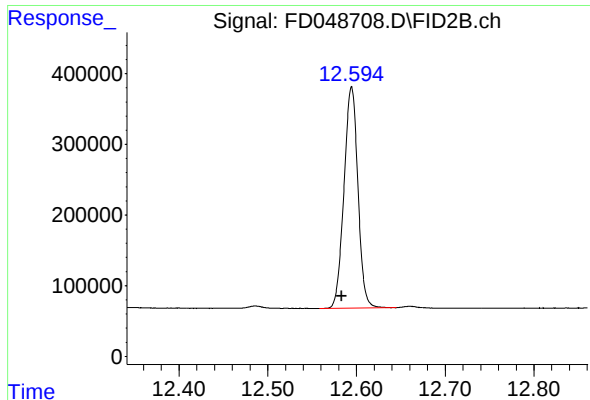
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min  
Delta R.T.: 0.008 min  
Response: 3547664  
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

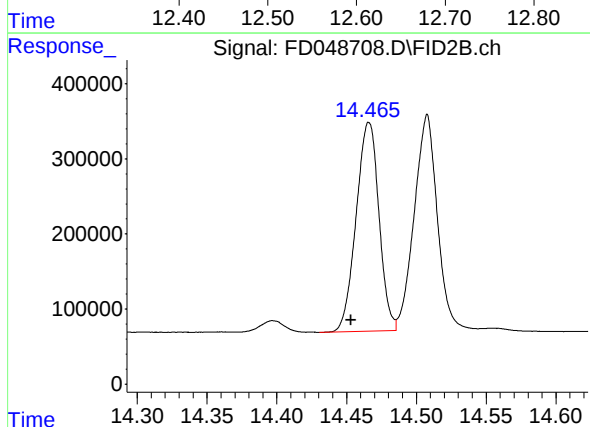
R.T.: 12.301 min  
Delta R.T.: 0.010 min  
Response: 3477573  
Conc: 21.13 ug/ml



#13 Pyrene (C20.8)

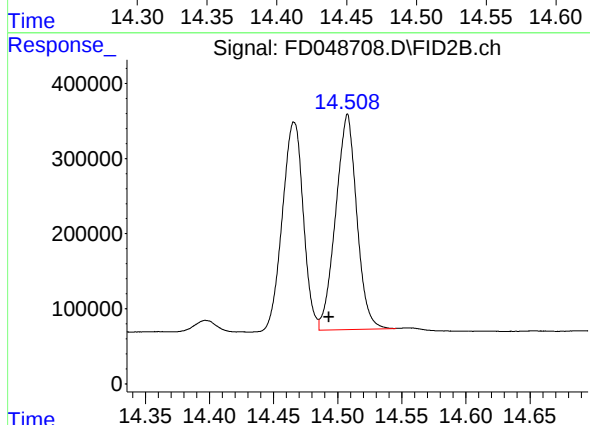
R.T.: 12.594 min  
Delta R.T.: 0.011 min  
Response: 3415525  
Conc: 21.20 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



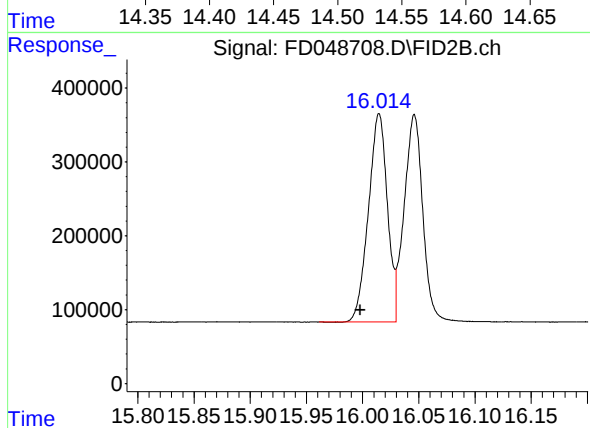
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min  
Delta R.T.: 0.012 min  
Response: 3160512  
Conc: 21.62 ug/ml



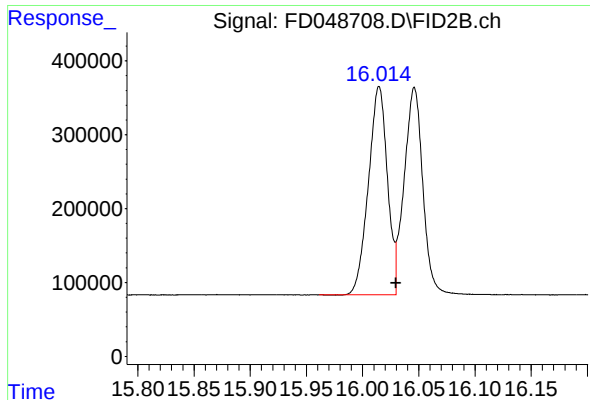
#15 Chrysene (C27.41)

R.T.: 14.507 min  
Delta R.T.: 0.014 min  
Response: 3282947  
Conc: 19.96 ug/ml



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

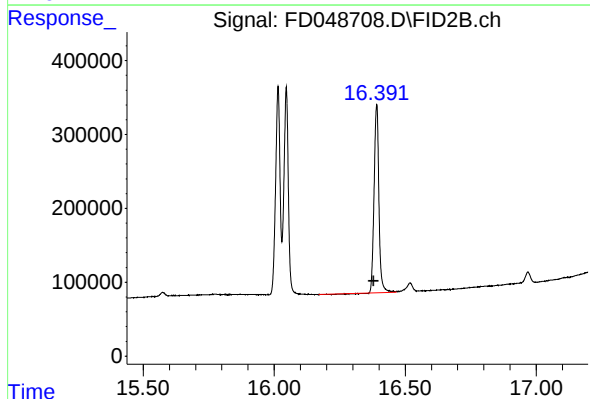
R.T.: 16.015 min  
Delta R.T.: 0.017 min  
Response: 3313065  
Conc: 21.79 ug/ml



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

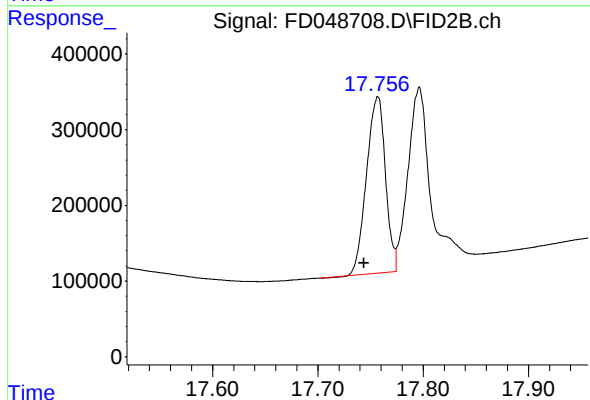
R.T.: 16.015 min  
Delta R.T.: -0.015 min  
Response: 3313065  
Conc: 22.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



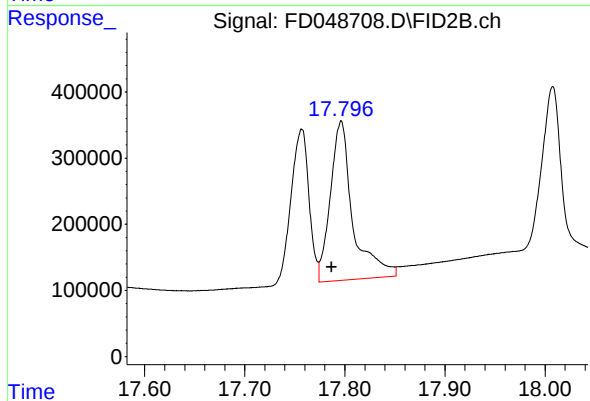
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min  
Delta R.T.: 0.010 min  
Response: 3247372  
Conc: 21.58 ug/ml



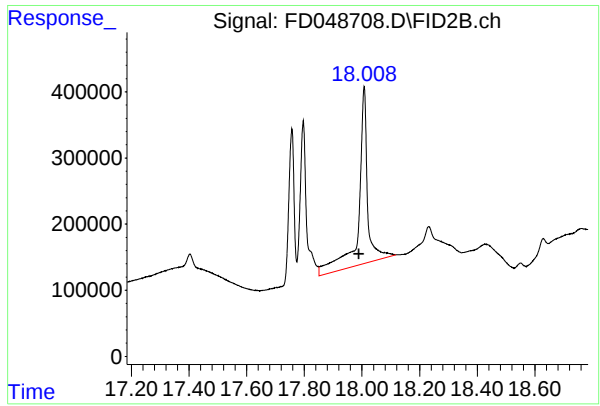
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min  
Delta R.T.: 0.013 min  
Response: 2912413  
Conc: 22.32 ug/ml



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

R.T.: 17.796 min  
Delta R.T.: 0.009 min  
Response: 3773434  
Conc: 23.19 ug/ml



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

R.T.: 18.007 min

Delta R.T.: 0.018 min

Response: 5793870

Conc: 37.85 ug/ml

Instrument :

FID\_D

ClientSampleId :