

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AR\  
 Data File : FD049219.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Apr 2025 22:04  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 03 03:45:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 03 03:39:09 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...      | 7.751  | 2641702    | 22.611 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.22%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.617  | 1816738    | 22.333 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.658 | 3358851    | 22.715 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.43%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.543  | 2529964    | 22.565 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.088  | 2802847    | 22.400 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.142  | 2780591    | 22.536 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.420  | 3149861    | 22.204 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.716  | 3055057    | 22.569 ug/ml |
| 8) T Flouorene (C16.55)            | 9.496  | 3043281    | 22.933 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.894 | 3151111    | 22.427 ug/ml |
| 10) T Anthracene (C19.43)          | 10.968 | 2707645    | 22.403 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.707 | 3312962    | 22.529 ug/ml |
| 13) T Pyrene (C20.8)               | 13.006 | 3347647    | 22.569 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.874 | 2497306    | 22.552 ug/ml |
| 15) T Chrysene (C27.41)            | 14.917 | 2618877    | 22.264 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.423 | 2688459    | 22.183 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.456 | 2555836    | 22.305 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.801 | 2395049    | 22.197 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.163 | 2057164    | 21.268 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.202 | 1715523    | 21.777 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.419 | 2367065    | 21.184 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

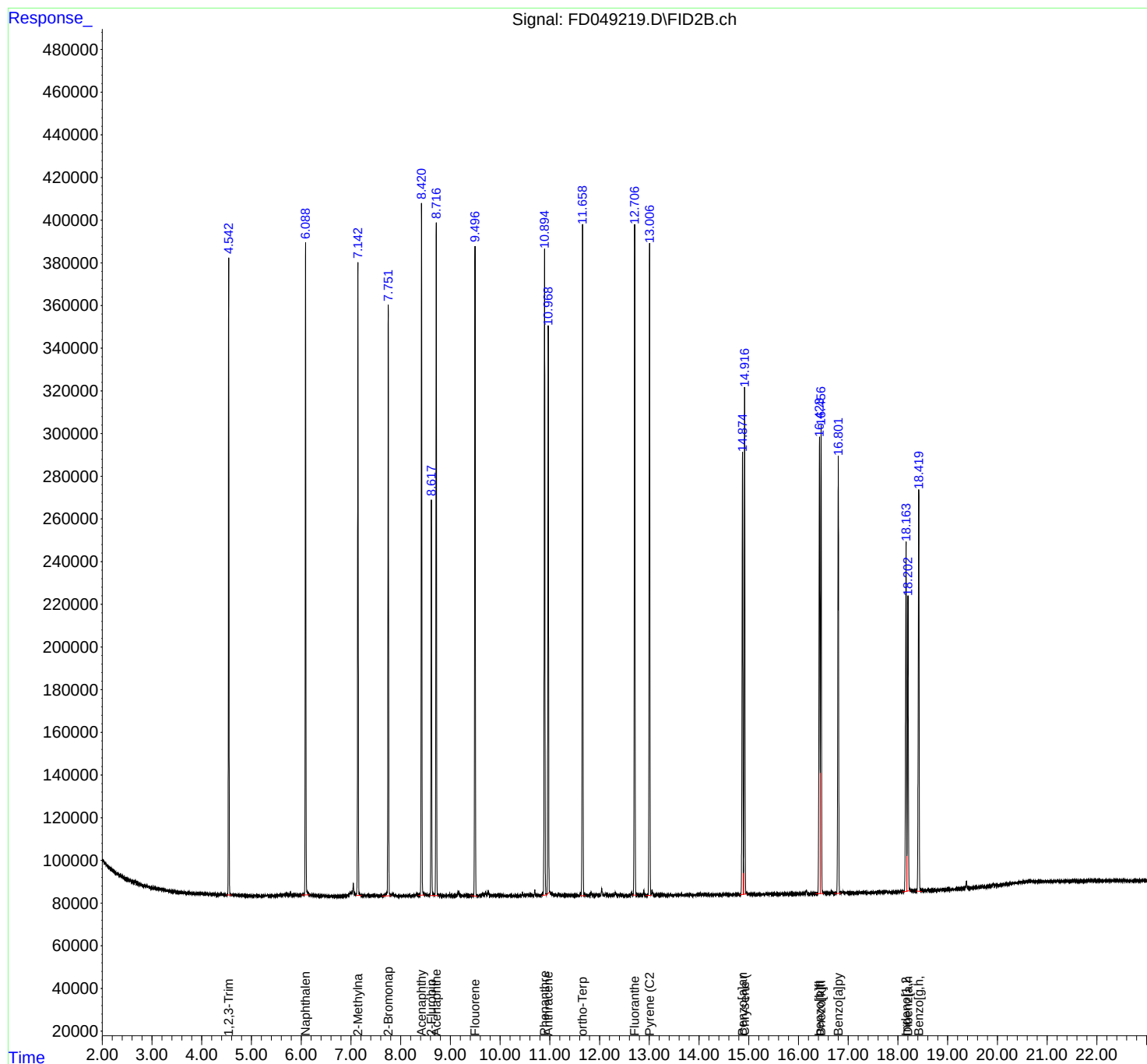
(m)=manual int.

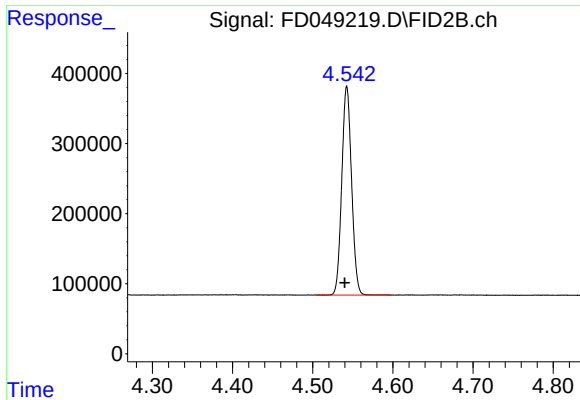
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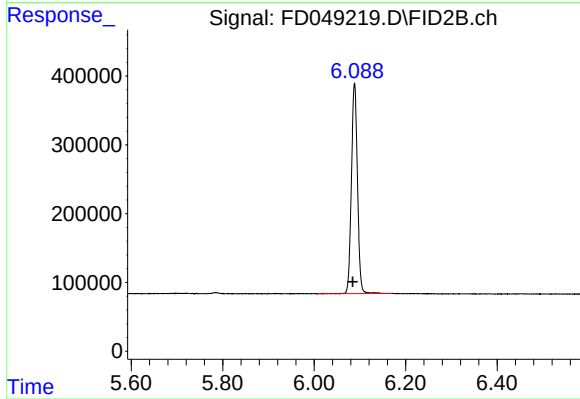




#1 1,2,3-Trimethylbenzene (C10.1)

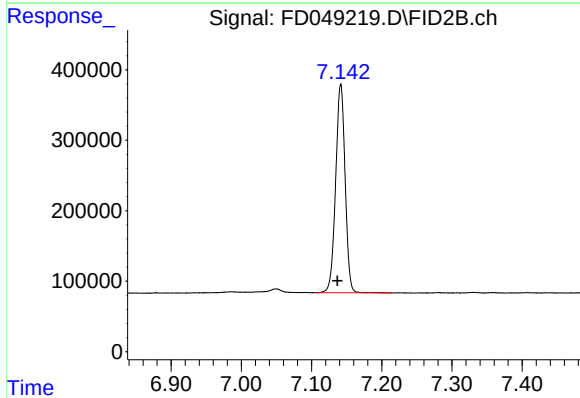
R.T.: 4.543 min  
Delta R.T.: 0.003 min  
Response: 2529964  
Conc: 22.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



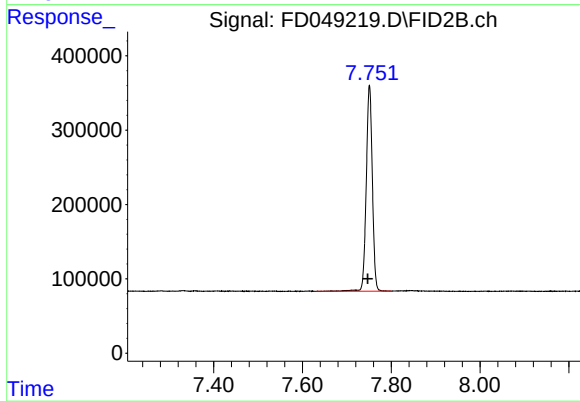
#2 Naphthalene (C11.7)

R.T.: 6.088 min  
Delta R.T.: 0.004 min  
Response: 2802847  
Conc: 22.40 ug/ml



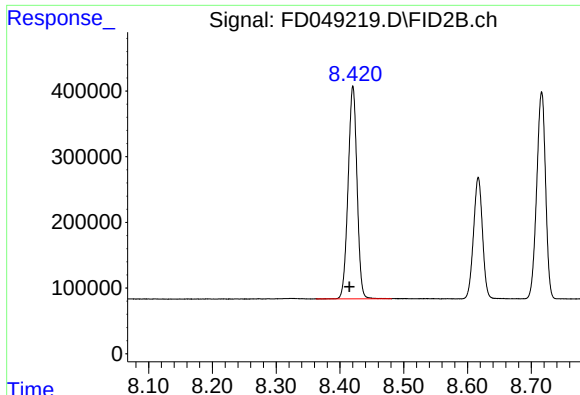
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.142 min  
Delta R.T.: 0.005 min  
Response: 2780591  
Conc: 22.54 ug/ml



#4 2-Bromonaphthalene (SURR)

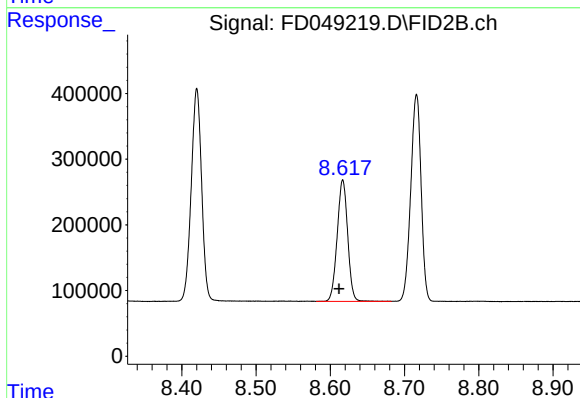
R.T.: 7.751 min  
Delta R.T.: 0.004 min  
Response: 2641702  
Conc: 22.61 ug/ml



#5 Acenaphthylene (C15.06)

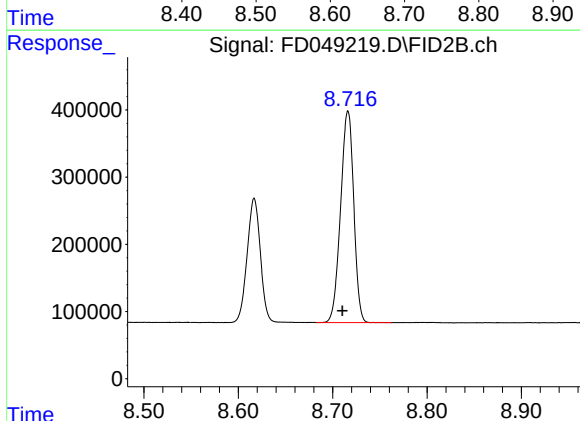
R.T.: 8.420 min  
Delta R.T.: 0.005 min  
Response: 3149861  
Conc: 22.20 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



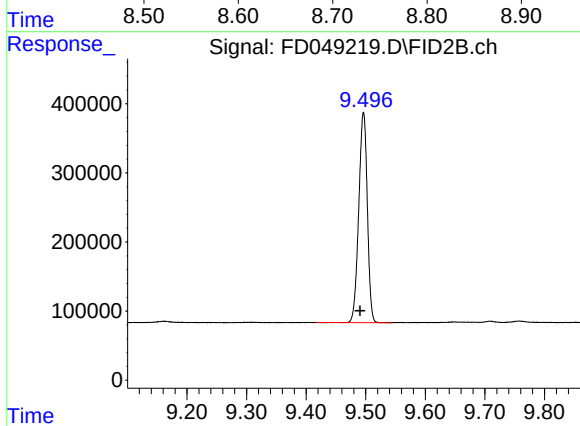
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min  
Delta R.T.: 0.005 min  
Response: 1816738  
Conc: 22.33 ug/ml



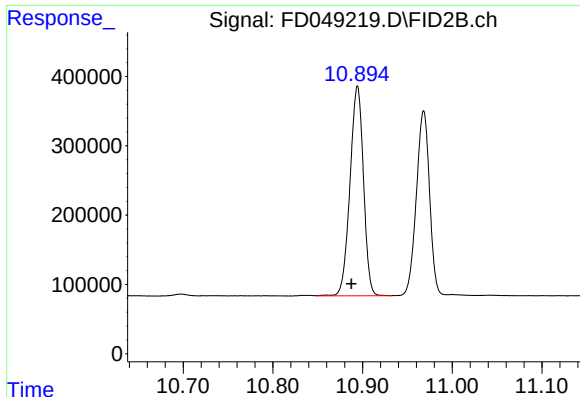
#7 Acenaphthene (C15.5)

R.T.: 8.716 min  
Delta R.T.: 0.006 min  
Response: 3055057  
Conc: 22.57 ug/ml



#8 Fluorene (C16.55)

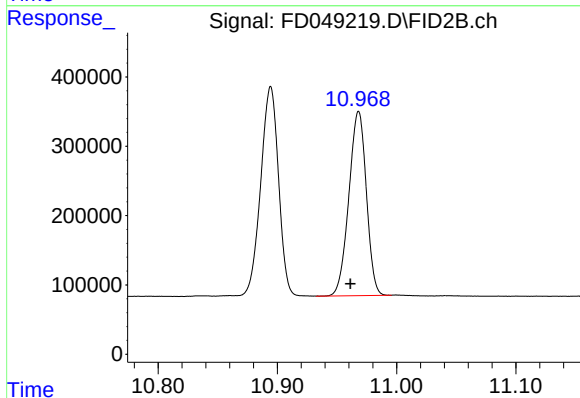
R.T.: 9.496 min  
Delta R.T.: 0.006 min  
Response: 3043281  
Conc: 22.93 ug/ml



#9 Phenanthrene (C19.36)

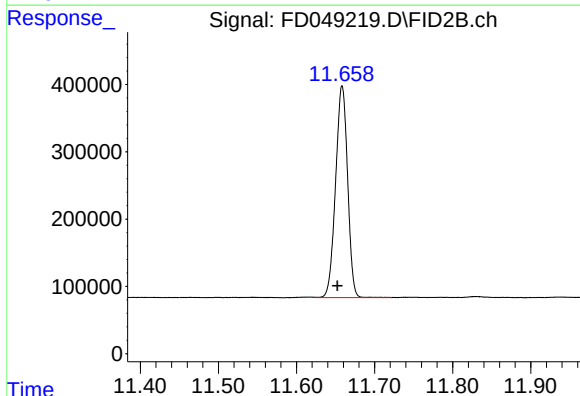
R.T.: 10.894 min  
Delta R.T.: 0.007 min  
Response: 3151111  
Conc: 22.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



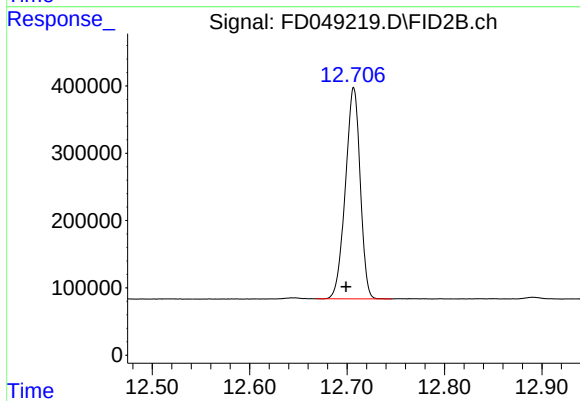
#10 Anthracene (C19.43)

R.T.: 10.968 min  
Delta R.T.: 0.007 min  
Response: 2707645  
Conc: 22.40 ug/ml



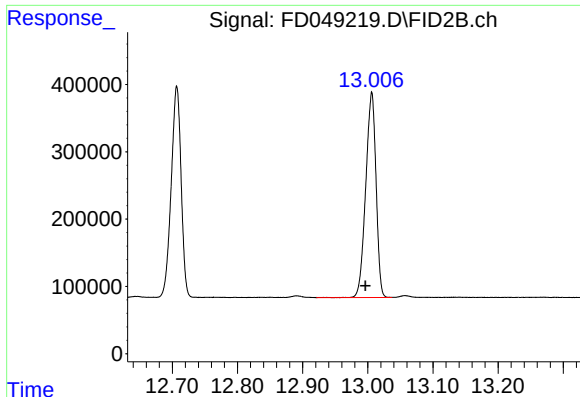
#11 ortho-Terphenyl (SURR)

R.T.: 11.658 min  
Delta R.T.: 0.006 min  
Response: 3358851  
Conc: 22.71 ug/ml



#12 Fluoranthene (C21.85)

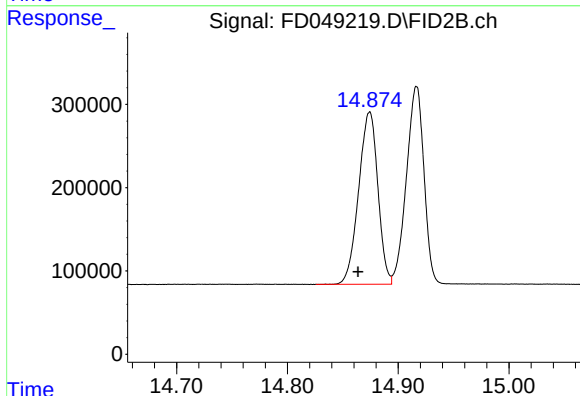
R.T.: 12.707 min  
Delta R.T.: 0.008 min  
Response: 3312962  
Conc: 22.53 ug/ml



#13 Pyrene (C20.8)

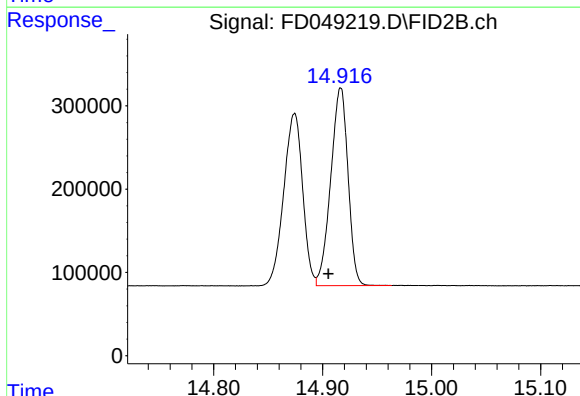
R.T.: 13.006 min  
Delta R.T.: 0.009 min  
Response: 3347647  
Conc: 22.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



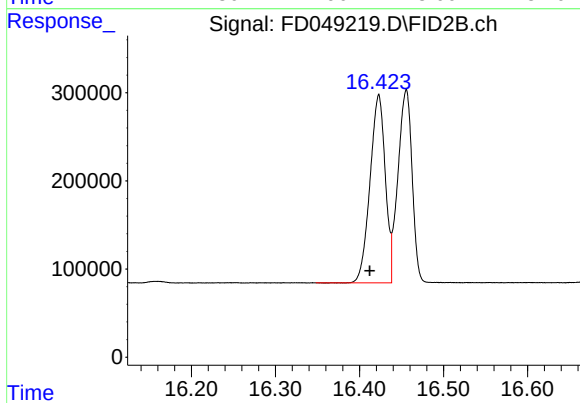
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.874 min  
Delta R.T.: 0.011 min  
Response: 2497306  
Conc: 22.55 ug/ml



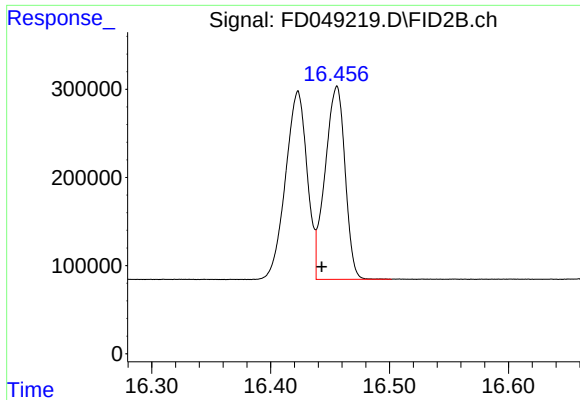
#15 Chrysene (C27.41)

R.T.: 14.917 min  
Delta R.T.: 0.011 min  
Response: 2618877  
Conc: 22.26 ug/ml



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

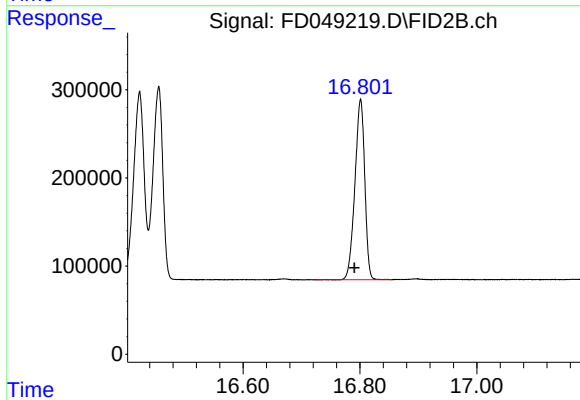
R.T.: 16.423 min  
Delta R.T.: 0.011 min  
Response: 2688459  
Conc: 22.18 ug/ml



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

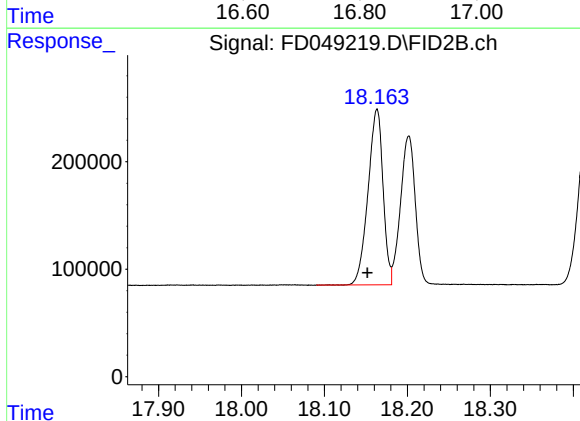
R.T.: 16.456 min  
Delta R.T.: 0.013 min  
Response: 2555836  
Conc: 22.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



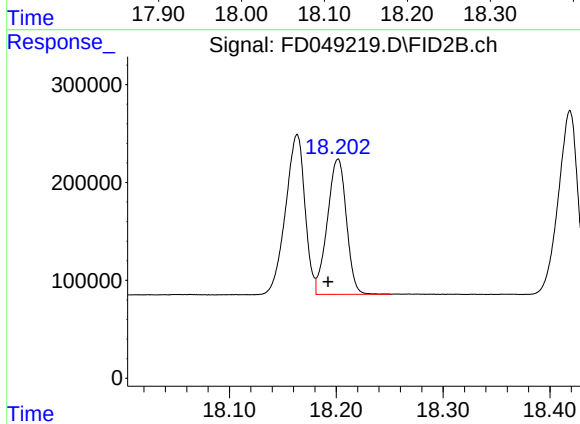
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.801 min  
Delta R.T.: 0.010 min  
Response: 2395049  
Conc: 22.20 ug/ml



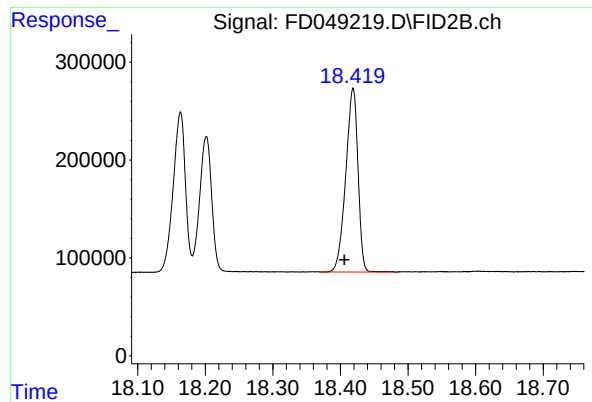
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.163 min  
Delta R.T.: 0.012 min  
Response: 2057164  
Conc: 21.27 ug/ml



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

R.T.: 18.202 min  
Delta R.T.: 0.009 min  
Response: 1715523  
Conc: 21.78 ug/ml



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

R.T.: 18.419 min  
Delta R.T.: 0.013 min  
Response: 2367065  
Conc: 21.18 ug/ml

Instrument :

FID\_D

ClientSampleId :