

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101722AR\  
 Data File : FD044155.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Oct 2022 19:04  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Oct 18 03:33:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 2022  
 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...      | 7.416  | 2589662    | 20.858 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.72%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.273  | 1599427    | 21.241 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.48%       |
| 11) S ortho-Terphenyl (SURR)       | 11.302 | 3498347    | 20.668 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.34%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.224  | 2962413    | 20.988 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.757  | 2908358    | 21.214 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.803  | 2923115    | 20.620 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.072  | 2920244    | 20.817 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.364  | 3222934    | 20.726 ug/ml |
| 8) T Flouorene (C16.55)            | 9.145  | 2936742    | 20.875 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.538 | 2846477    | 21.136 ug/ml |
| 10) T Anthracene (C19.43)          | 10.613 | 2750296    | 20.468 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.342 | 2859047    | 21.408 ug/ml |
| 13) T Pyrene (C20.8)               | 12.637 | 2682316    | 21.236 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.507 | 2317845    | 21.822 ug/ml |
| 15) T Chrysene (C27.41)            | 14.549 | 2812101    | 21.452 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.053 | 2420447    | 21.568 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.084 | 2698039    | 21.206 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.432 | 2356008    | 20.275 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.796 | 2284335    | 21.427 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.832 | 2676986    | 21.638 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.046 | 2502223    | 21.314 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

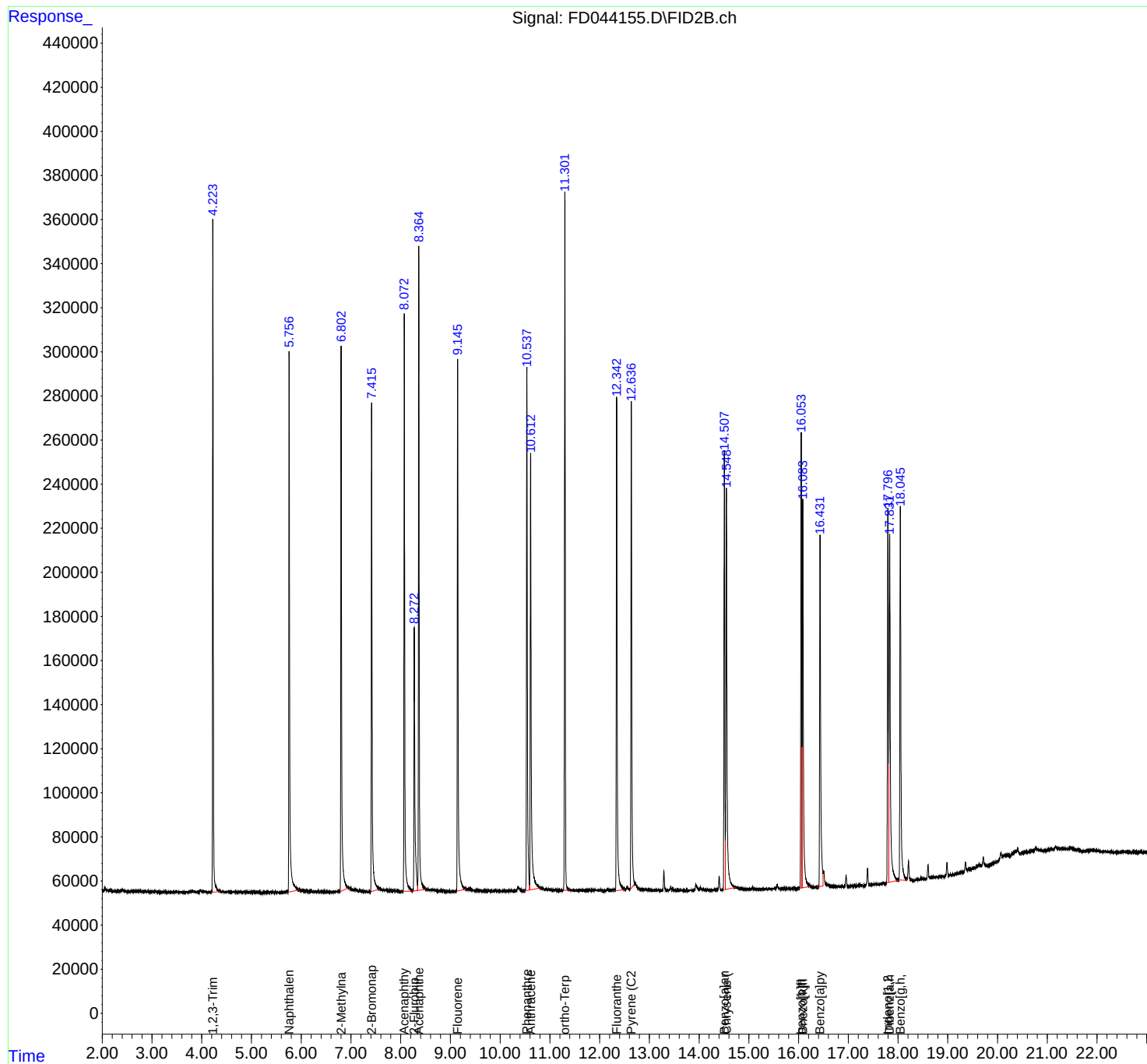
(m)=manual int.

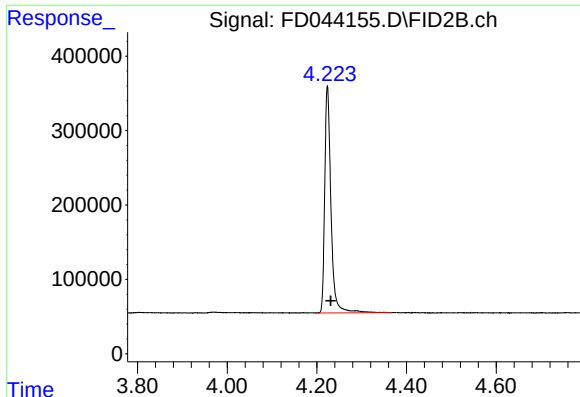
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Signal Info : 20M x 0.18mm x 0.18µm

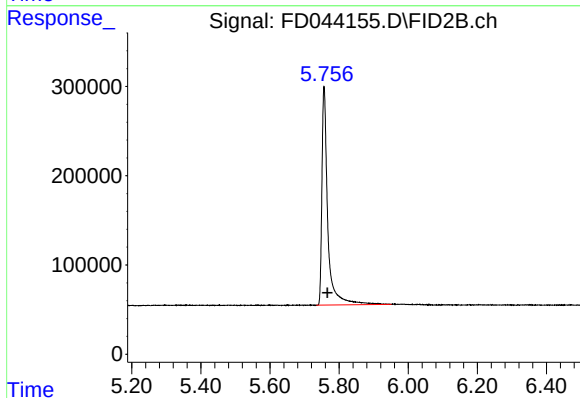




#1 1,2,3-Trimethylbenzene (C10.1)

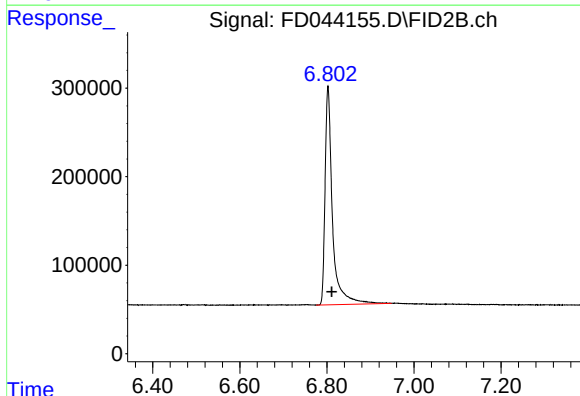
R.T.: 4.224 min  
Delta R.T.: -0.007 min  
Response: 2962413  
Conc: 20.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



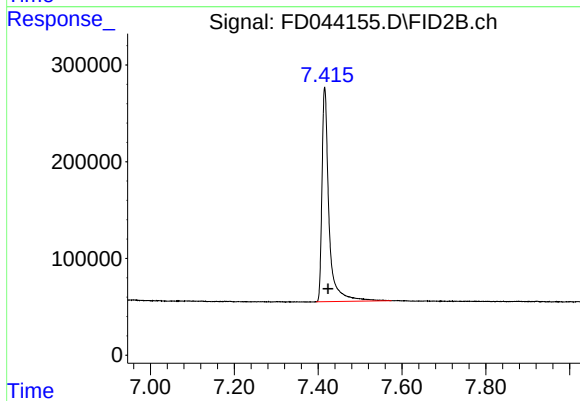
#2 Naphthalene (C11.7)

R.T.: 5.757 min  
Delta R.T.: -0.009 min  
Response: 2908358  
Conc: 21.21 ug/ml



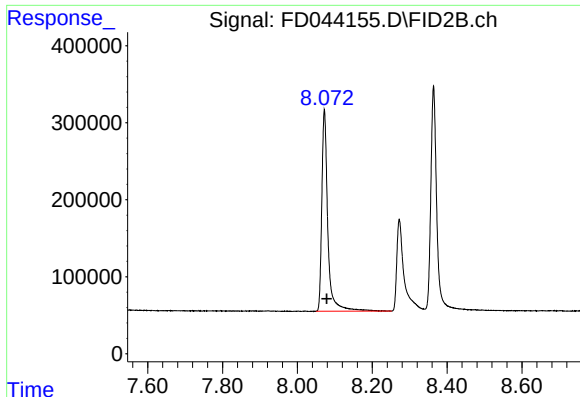
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min  
Delta R.T.: -0.008 min  
Response: 2923115  
Conc: 20.62 ug/ml



#4 2-Bromonaphthalene (SURR)

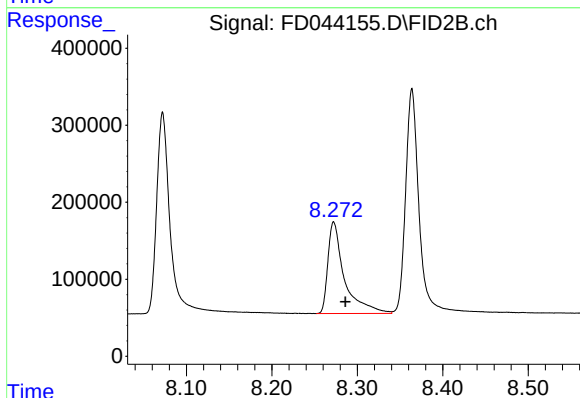
R.T.: 7.416 min  
Delta R.T.: -0.008 min  
Response: 2589662  
Conc: 20.86 ug/ml



#5 Acenaphthylene (C15.06)

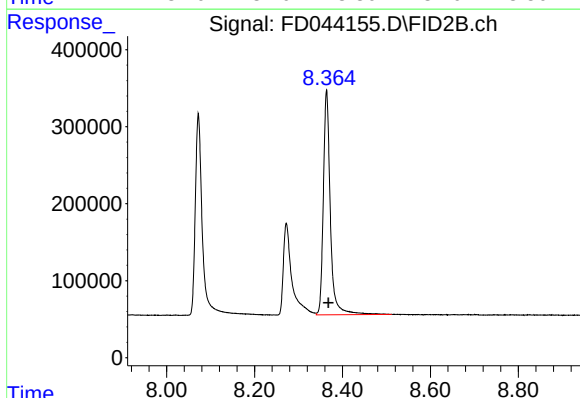
R.T.: 8.072 min  
Delta R.T.: -0.006 min  
Response: 2920244  
Conc: 20.82 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



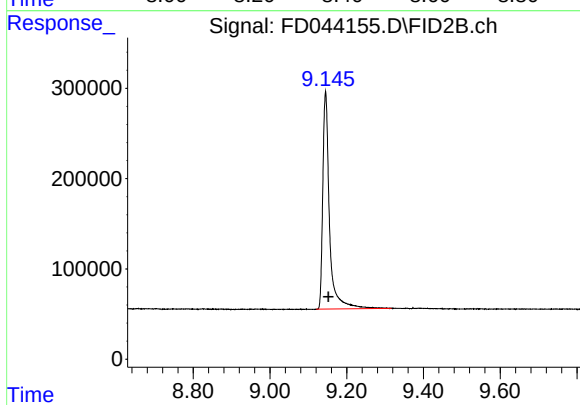
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min  
Delta R.T.: -0.013 min  
Response: 1599427  
Conc: 21.24 ug/ml



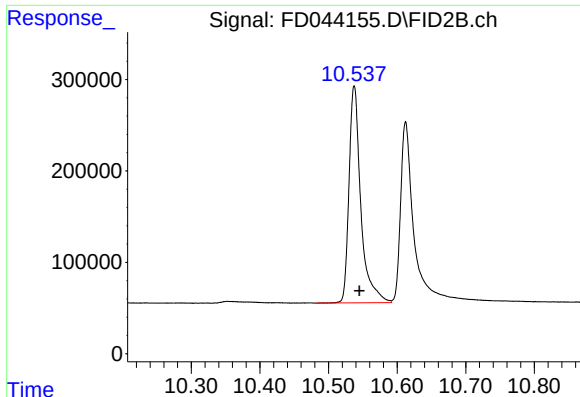
#7 Acenaphthene (C15.5)

R.T.: 8.364 min  
Delta R.T.: -0.004 min  
Response: 3222934  
Conc: 20.73 ug/ml



#8 Flouorene (C16.55)

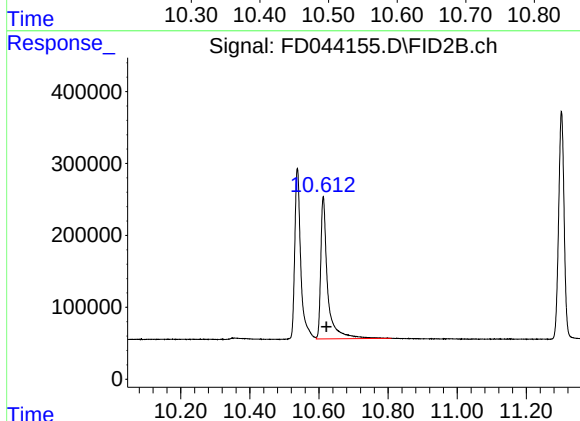
R.T.: 9.145 min  
Delta R.T.: -0.007 min  
Response: 2936742  
Conc: 20.88 ug/ml



#9 Phenanthrene (C19.36)

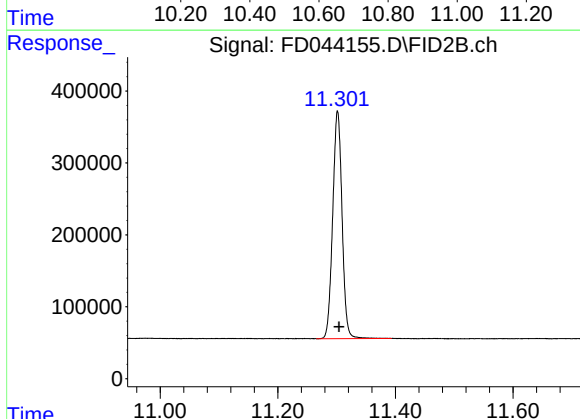
R.T.: 10.538 min  
Delta R.T.: -0.008 min  
Response: 2846477  
Conc: 21.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



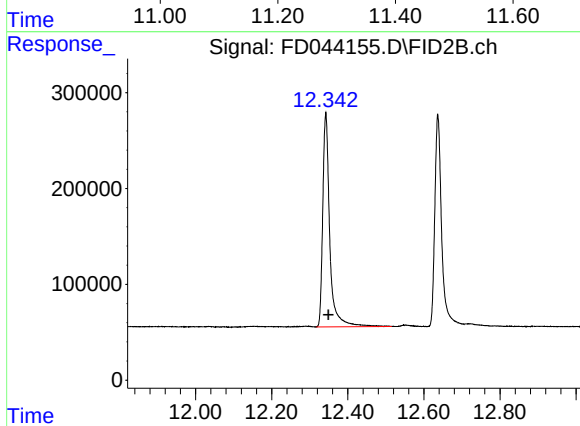
#10 Anthracene (C19.43)

R.T.: 10.613 min  
Delta R.T.: -0.009 min  
Response: 2750296  
Conc: 20.47 ug/ml



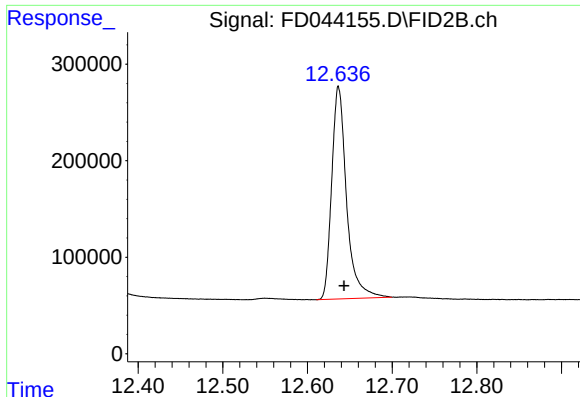
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min  
Delta R.T.: -0.003 min  
Response: 3498347  
Conc: 20.67 ug/ml



#12 Fluoranthene (C21.85)

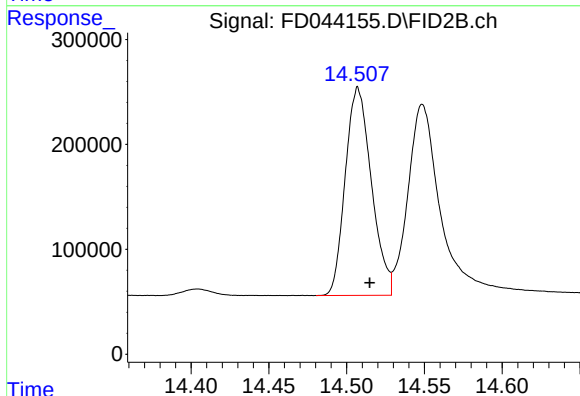
R.T.: 12.342 min  
Delta R.T.: -0.006 min  
Response: 2859047  
Conc: 21.41 ug/ml



#13 Pyrene (C20.8)

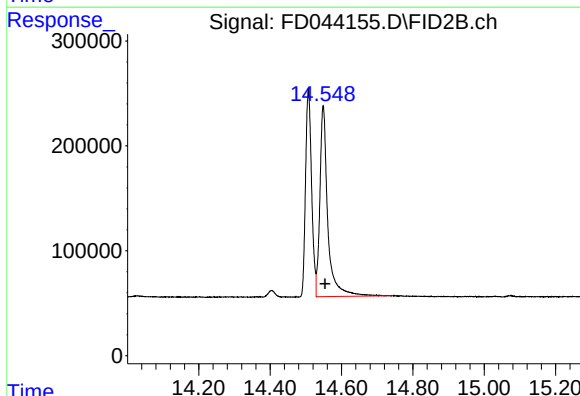
R.T.: 12.637 min  
Delta R.T.: -0.006 min  
Response: 2682316  
Conc: 21.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



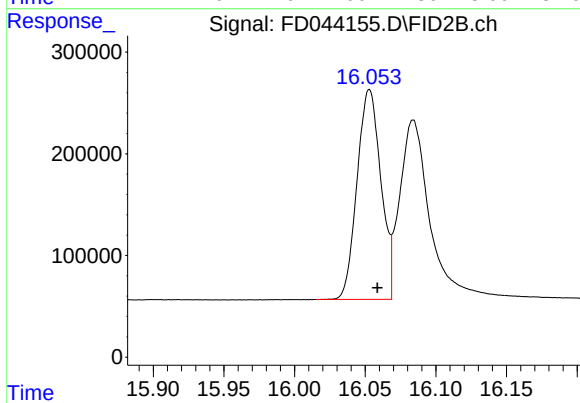
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min  
Delta R.T.: -0.008 min  
Response: 2317845  
Conc: 21.82 ug/ml



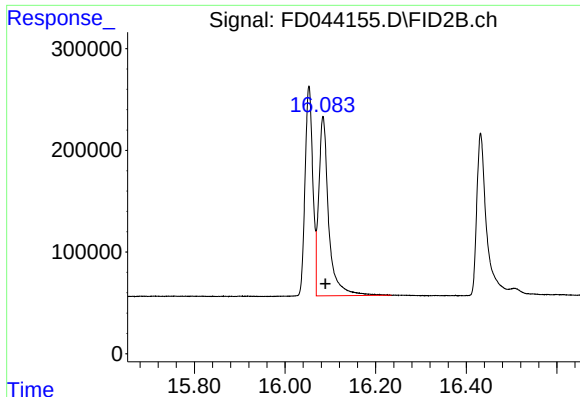
#15 Chrysene (C27.41)

R.T.: 14.549 min  
Delta R.T.: -0.006 min  
Response: 2812101  
Conc: 21.45 ug/ml



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

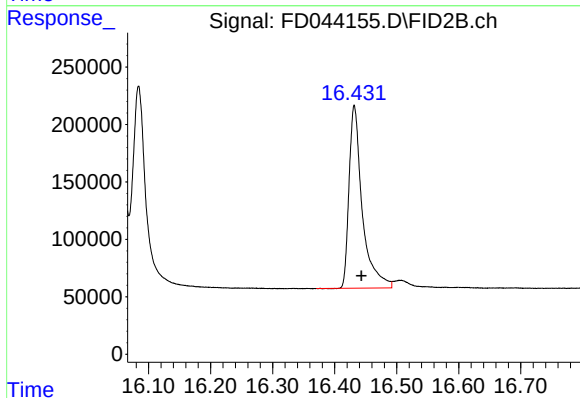
R.T.: 16.053 min  
Delta R.T.: -0.006 min  
Response: 2420447  
Conc: 21.57 ug/ml



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

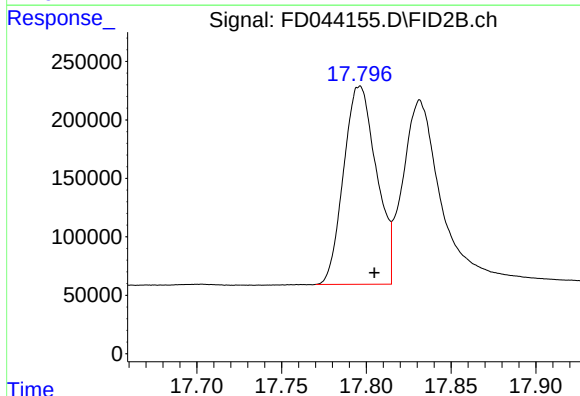
R.T.: 16.084 min  
Delta R.T.: -0.005 min  
Response: 2698039  
Conc: 21.21 ug/ml

Instrument :  
FID\_D  
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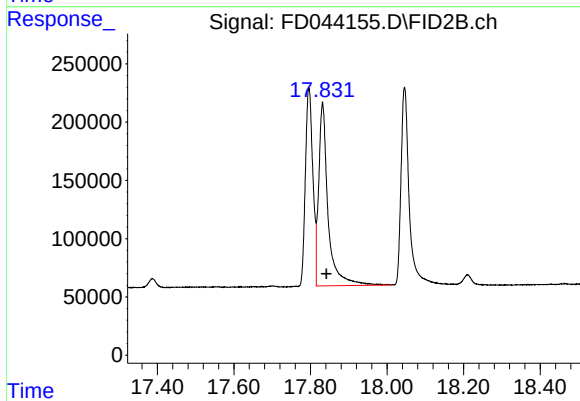
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min  
Delta R.T.: -0.011 min  
Response: 2356008  
Conc: 20.28 ug/ml



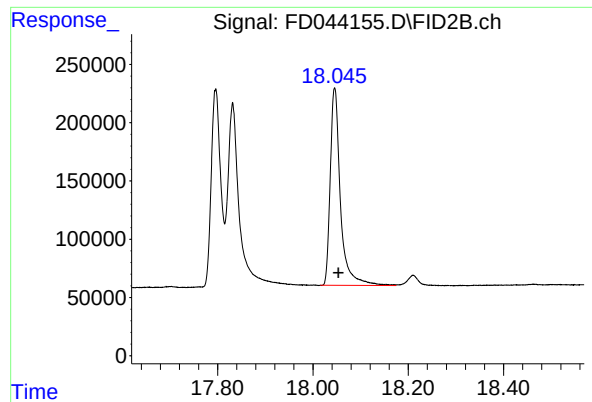
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min  
Delta R.T.: -0.009 min  
Response: 2284335  
Conc: 21.43 ug/ml



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

R.T.: 17.832 min  
Delta R.T.: -0.010 min  
Response: 2676986  
Conc: 21.64 ug/ml



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

R.T.: 18.046 min  
Delta R.T.: -0.008 min  
Response: 2502223  
Conc: 21.31 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD