

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032724AR\  
 Data File : FD047434.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Mar 2024 23:04  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 05:34:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:13:44 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...      | 7.452  | 3354849    | 20.312 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.62%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.304  | 2222462    | 20.887 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.77%       |
| 11) S ortho-Terphenyl (SURR)       | 11.338 | 3878063    | 20.780 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.56%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.271  | 3500603    | 19.697 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.795  | 3658451    | 20.061 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.841  | 3688502    | 20.225 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.108  | 3366239    | 20.191 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.402  | 3616951    | 20.530 ug/ml |
| 8) T Flouorene (C16.55)            | 9.180  | 3490236    | 20.720 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.567 | 3391632    | 20.942 ug/ml |
| 10) T Anthracene (C19.43)          | 10.641 | 2814889    | 19.127 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.368 | 3403344    | 21.348 ug/ml |
| 13) T Pyrene (C20.8)               | 12.661 | 3281243    | 21.209 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.524 | 2957976    | 21.820 ug/ml |
| 15) T Chrysene (C27.41)            | 14.566 | 3211842    | 21.637 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.065 | 3097042    | 22.062 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.096 | 3120584    | 22.036 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.439 | 3006883    | 21.767 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.797 | 2926762    | 23.417 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.837 | 3153152    | 23.910 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.048 | 3036451    | 22.599 ug/ml |
| -----                              |        |            |              |

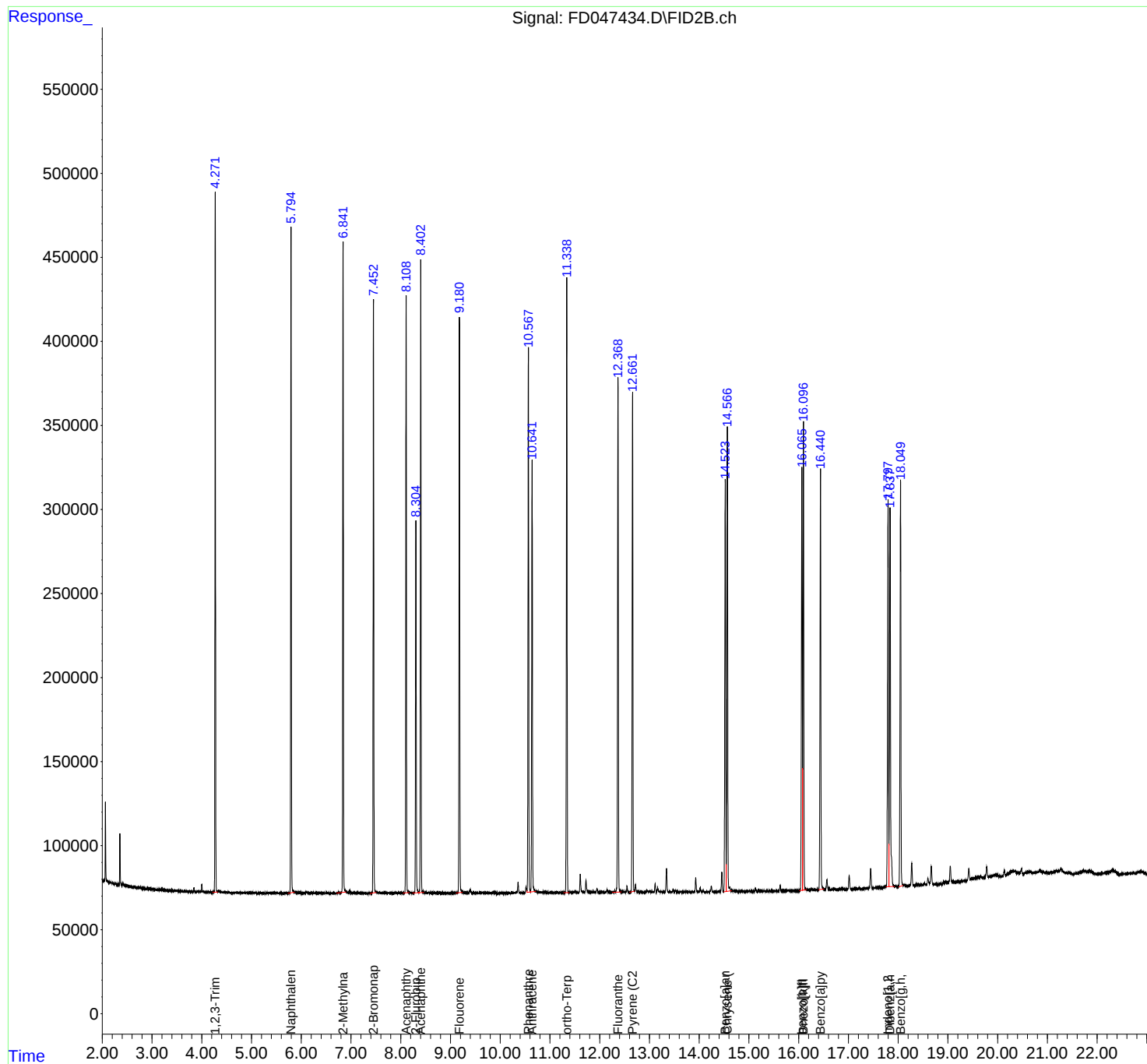
(f)=RT Delta > 1/2 Window

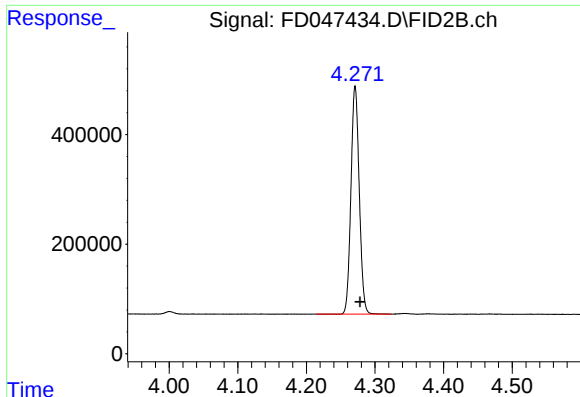
(m)=manual int.

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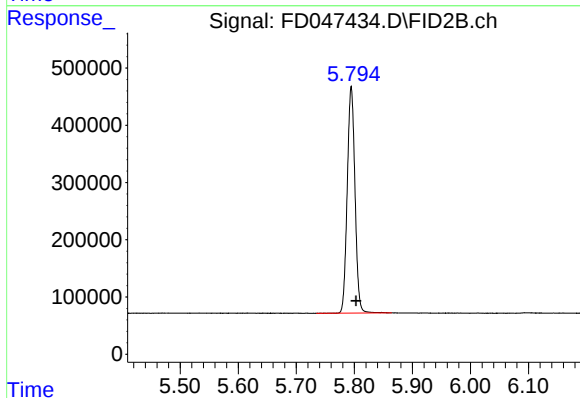
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





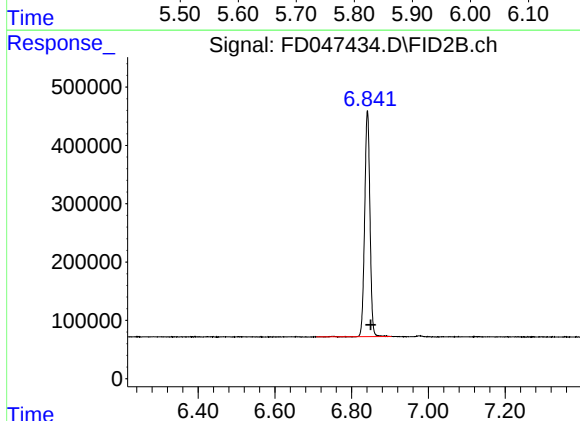
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min  
Delta R.T.: -0.007 min  
Response: 3500603  
Conc: 19.70 ug/ml



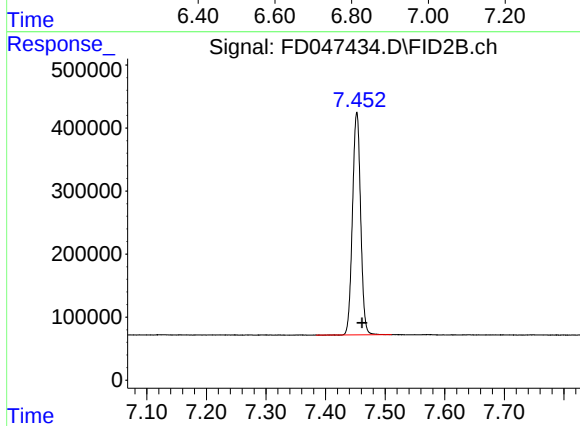
#2 Naphthalene (C11.7)

R.T.: 5.795 min  
Delta R.T.: -0.008 min  
Response: 3658451  
Conc: 20.06 ug/ml



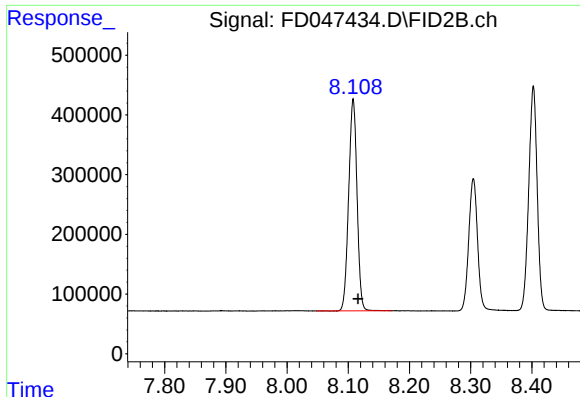
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min  
Delta R.T.: -0.009 min  
Response: 3688502  
Conc: 20.22 ug/ml



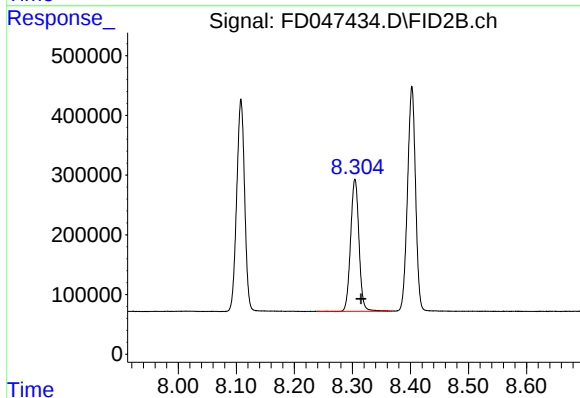
#4 2-Bromonaphthalene (SURR)

R.T.: 7.452 min  
Delta R.T.: -0.009 min  
Response: 3354849  
Conc: 20.31 ug/ml



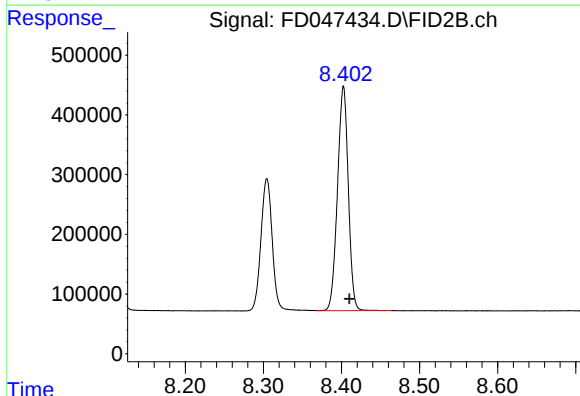
#5 Acenaphthylene (C15.06)

R.T.: 8.108 min  
Delta R.T.: -0.008 min  
Response: 3366239  
Conc: 20.19 ug/ml



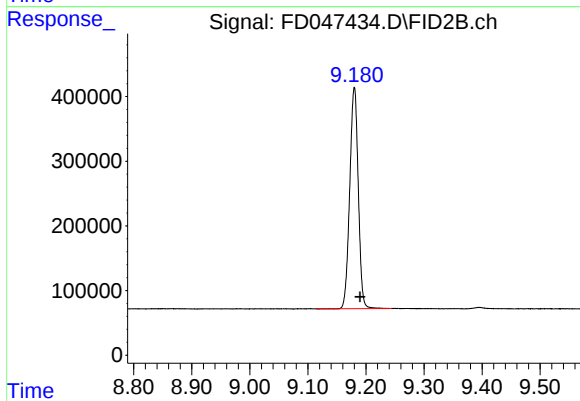
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min  
Delta R.T.: -0.010 min  
Response: 2222462  
Conc: 20.89 ug/ml



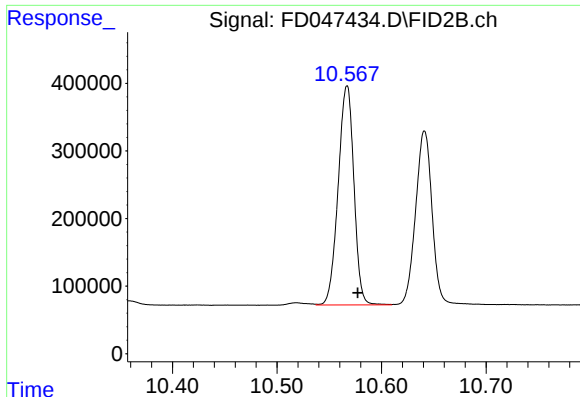
#7 Acenaphthene (C15.5)

R.T.: 8.402 min  
Delta R.T.: -0.008 min  
Response: 3616951  
Conc: 20.53 ug/ml



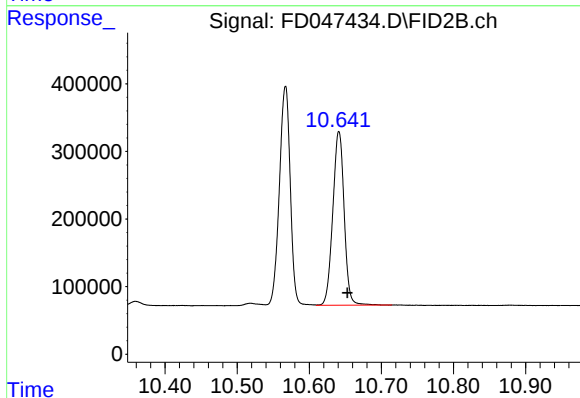
#8 Fluorene (C16.55)

R.T.: 9.180 min  
Delta R.T.: -0.010 min  
Response: 3490236  
Conc: 20.72 ug/ml



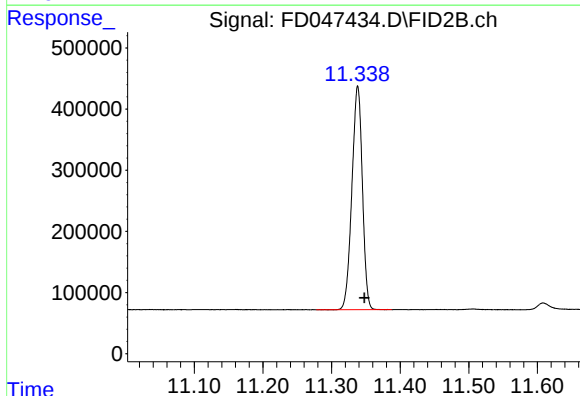
#9 Phenanthrene (C19.36)

R.T.: 10.567 min  
Delta R.T.: -0.011 min  
Response: 3391632  
Conc: 20.94 ug/ml



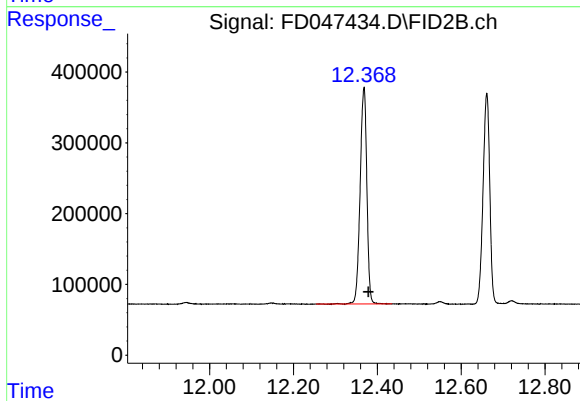
#10 Anthracene (C19.43)

R.T.: 10.641 min  
Delta R.T.: -0.012 min  
Response: 2814889  
Conc: 19.13 ug/ml



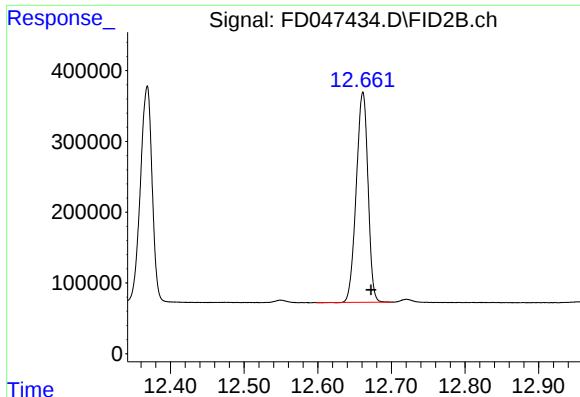
#11 ortho-Terphenyl (SURR)

R.T.: 11.338 min  
Delta R.T.: -0.010 min  
Response: 3878063  
Conc: 20.78 ug/ml



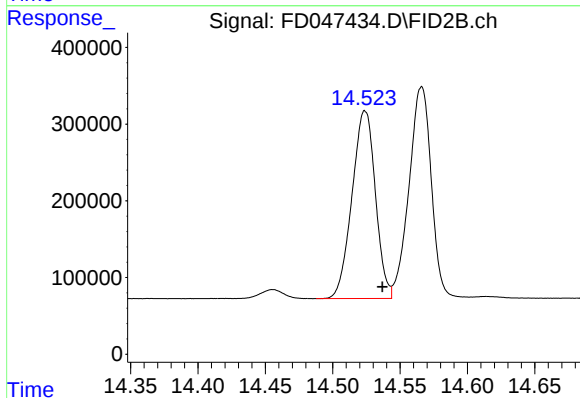
#12 Fluoranthene (C21.85)

R.T.: 12.368 min  
Delta R.T.: -0.011 min  
Response: 3403344  
Conc: 21.35 ug/ml



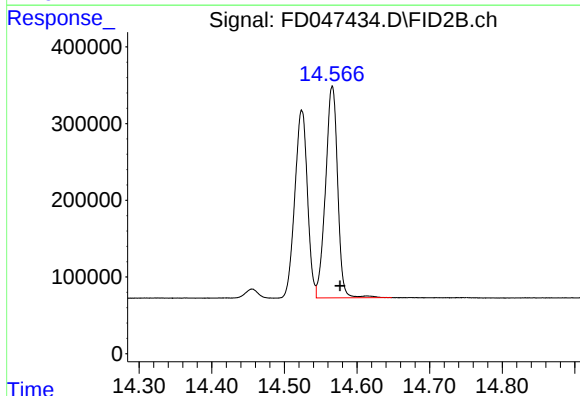
#13 Pyrene (C20.8)

R.T.: 12.661 min  
Delta R.T.: -0.011 min  
Response: 3281243  
Conc: 21.21 ug/ml



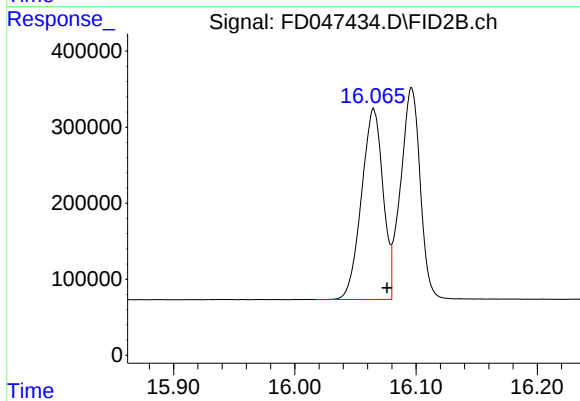
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min  
Delta R.T.: -0.013 min  
Response: 2957976  
Conc: 21.82 ug/ml



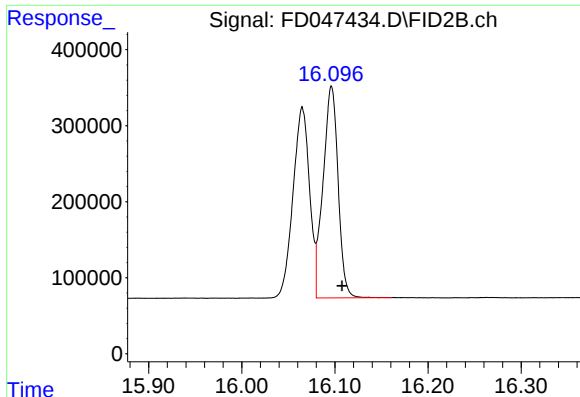
#15 Chrysene (C27.41)

R.T.: 14.566 min  
Delta R.T.: -0.011 min  
Response: 3211842  
Conc: 21.64 ug/ml



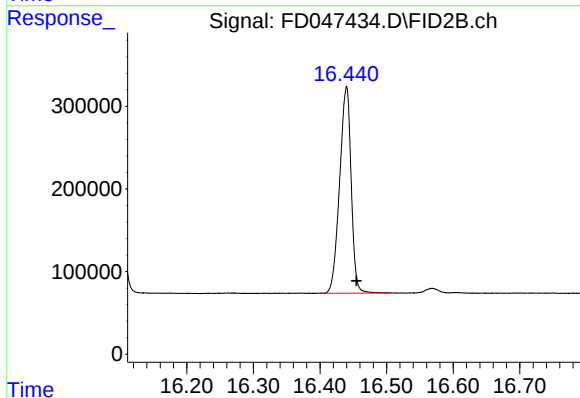
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.065 min  
Delta R.T.: -0.011 min  
Response: 3097042  
Conc: 22.06 ug/ml



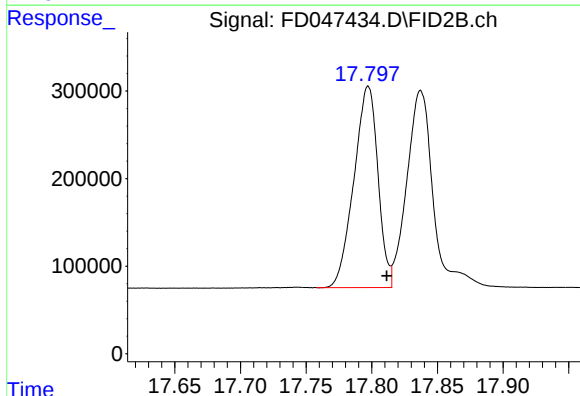
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.096 min  
Delta R.T.: -0.012 min  
Response: 3120584  
Conc: 22.04 ug/ml



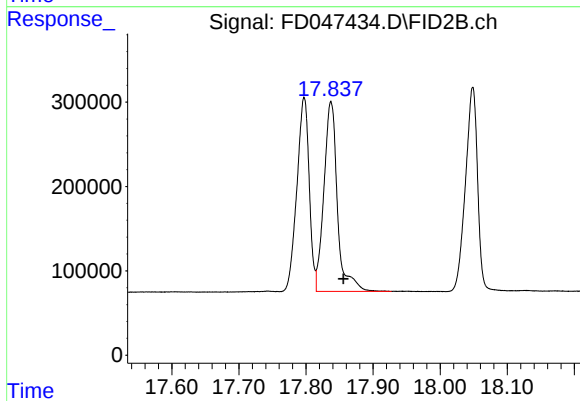
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min  
Delta R.T.: -0.015 min  
Response: 3006883  
Conc: 21.77 ug/ml



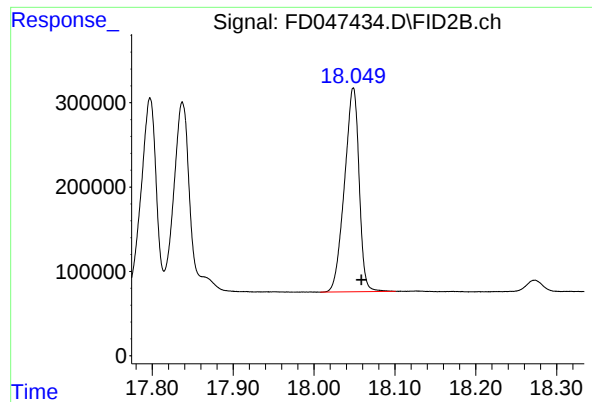
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min  
Delta R.T.: -0.014 min  
Response: 2926762  
Conc: 23.42 ug/ml



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

R.T.: 17.837 min  
Delta R.T.: -0.019 min  
Response: 3153152  
Conc: 23.91 ug/ml



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

R.T.: 18.048 min  
Delta R.T.: -0.011 min  
Response: 3036451  
Conc: 22.60 ug/ml