

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080922AR\  
 Data File : FD043525.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Aug 2022 16:19  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 10 02:00:08 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 08 16:58:49 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...      | 7.613  | 2978585    | 21.057 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.11%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.477  | 1981400    | 20.842 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.68%       |
| 11) S ortho-Terphenyl (SURR)       | 11.524 | 3376524    | 19.922 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.84%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.406  | 3353925    | 21.384 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.947  | 3400806    | 21.033 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.001  | 3110814    | 21.245 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.279  | 3269516    | 20.140 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.576  | 3394974    | 20.999 ug/ml |
| 8) T Fluorene (C16.55)             | 9.358  | 3252533    | 20.757 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.756 | 3124660    | 19.937 ug/ml |
| 10) T Anthracene (C19.43)          | 10.830 | 2560416    | 16.624 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.571 | 3052214    | 19.271 ug/ml |
| 13) T Pyrene (C20.8)               | 12.868 | 2985578    | 18.997 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.742 | 2817335    | 19.097 ug/ml |
| 15) T Chrysene (C27.41)            | 14.784 | 3143413    | 20.116 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.296 | 3048489    | 20.380 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.327 | 2962272    | 19.741 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.674 | 2728709    | 19.305 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.040 | 2583739    | 21.862 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.080 | 3186649    | 22.466 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.295 | 2747755    | 21.129 ug/ml |
| -----                              |        |            |              |

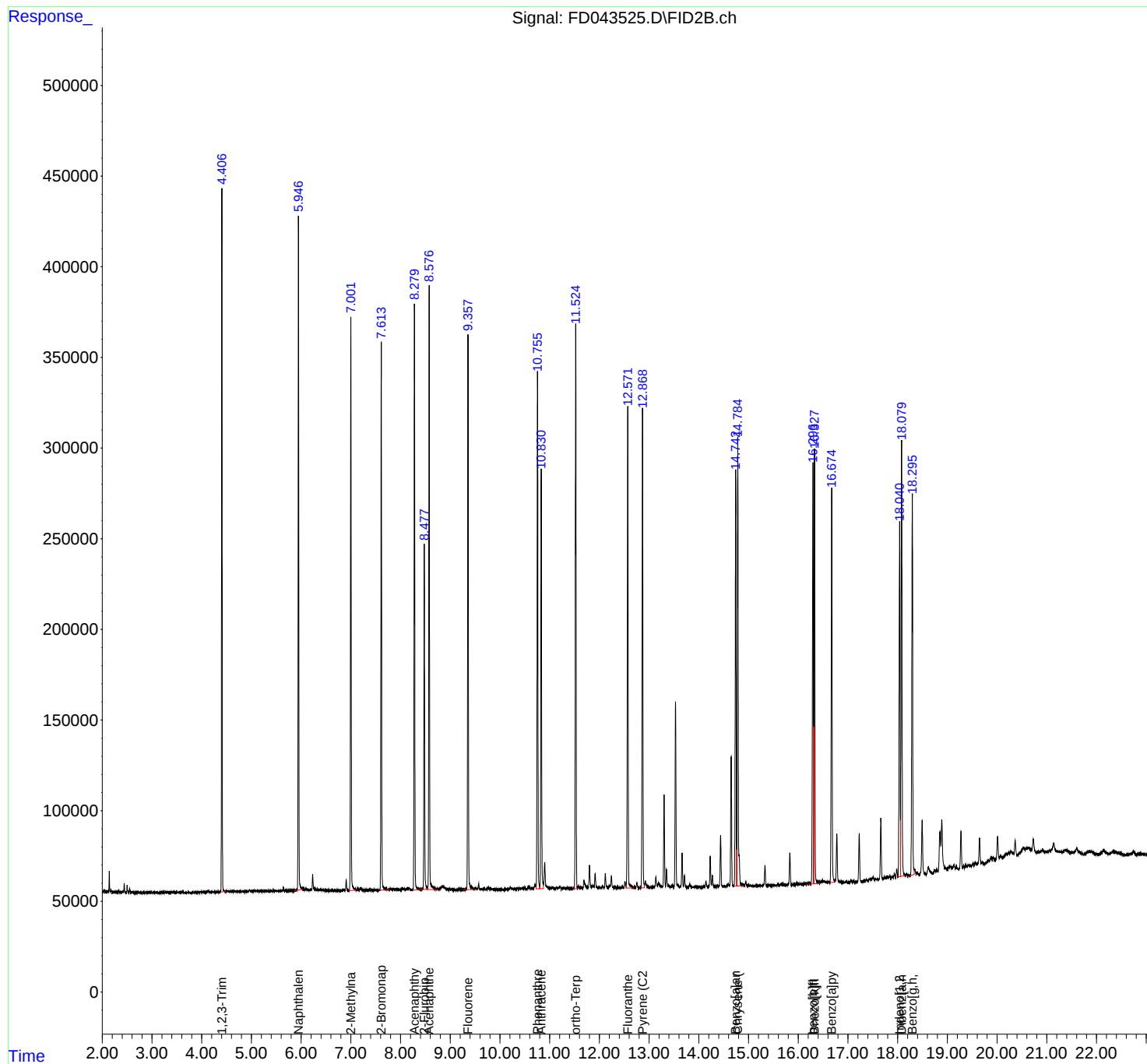
(f)=RT Delta > 1/2 Window

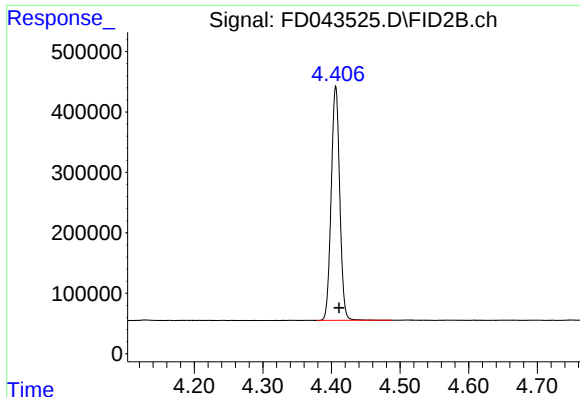
(m)=manual int.

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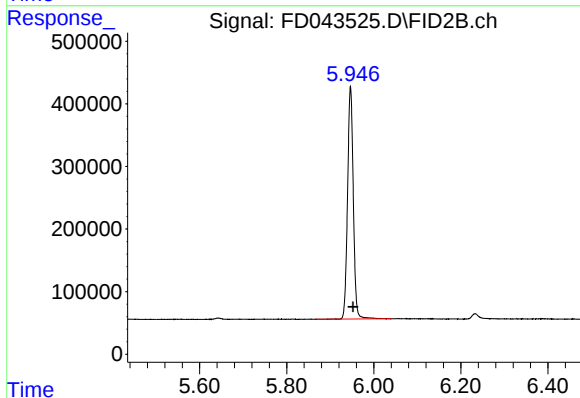
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





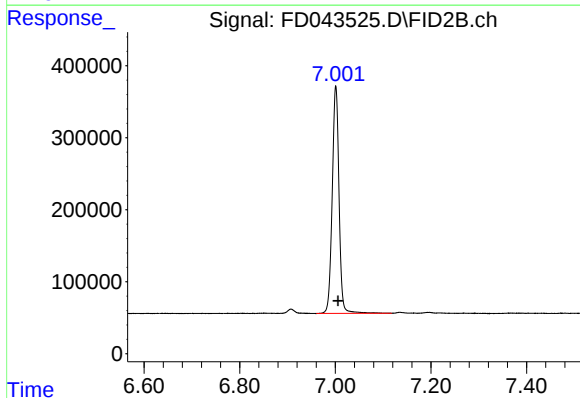
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min  
Delta R.T.: -0.005 min  
Response: 3353925  
Conc: 21.38 ug/ml



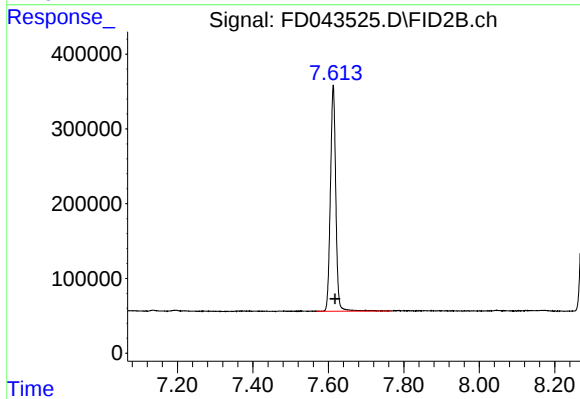
#2 Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: -0.006 min  
Response: 3400806  
Conc: 21.03 ug/ml



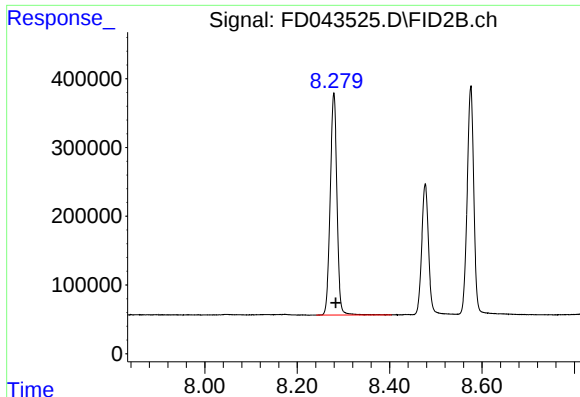
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min  
Delta R.T.: -0.005 min  
Response: 3110814  
Conc: 21.25 ug/ml



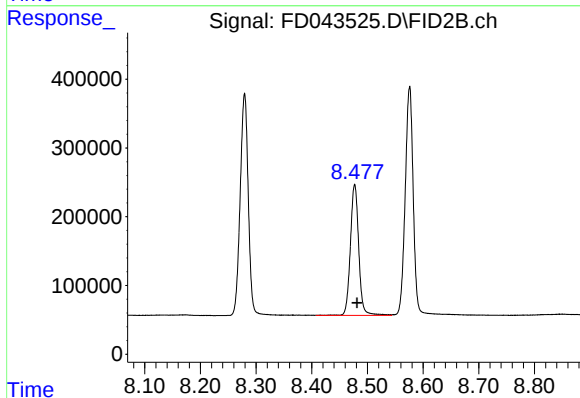
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min  
Delta R.T.: -0.005 min  
Response: 2978585  
Conc: 21.06 ug/ml



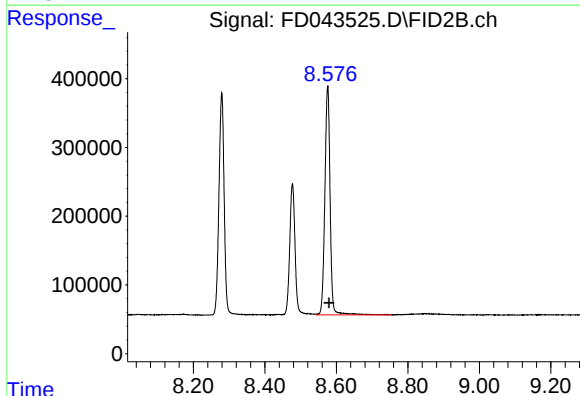
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min  
Delta R.T.: -0.004 min  
Response: 3269516  
Conc: 20.14 ug/ml



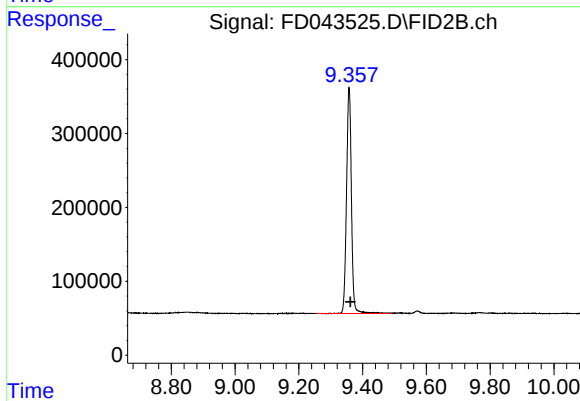
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min  
Delta R.T.: -0.004 min  
Response: 1981400  
Conc: 20.84 ug/ml



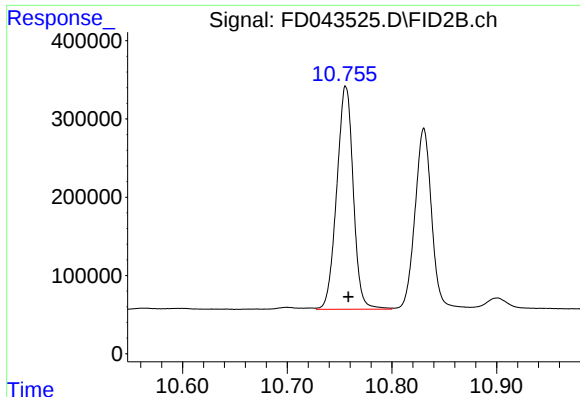
#7 Acenaphthene (C15.5)

R.T.: 8.576 min  
Delta R.T.: -0.004 min  
Response: 3394974  
Conc: 21.00 ug/ml



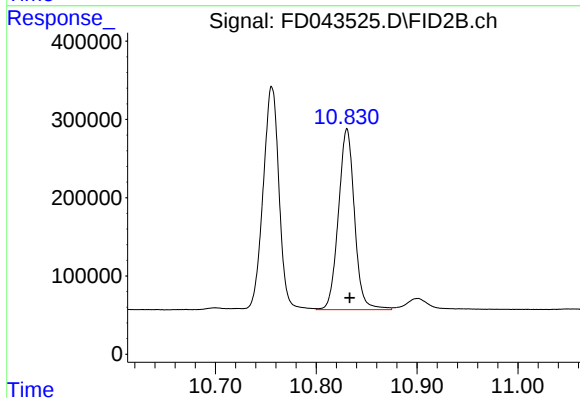
#8 Fluorene (C16.55)

R.T.: 9.358 min  
Delta R.T.: -0.004 min  
Response: 3252533  
Conc: 20.76 ug/ml



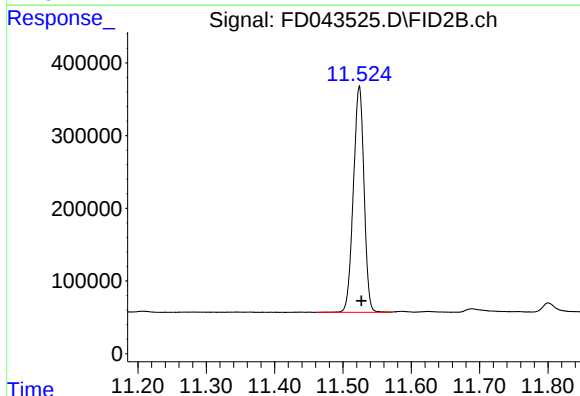
#9 Phenanthrene (C19.36)

R.T.: 10.756 min  
Delta R.T.: -0.003 min  
Response: 3124660  
Conc: 19.94 ug/ml



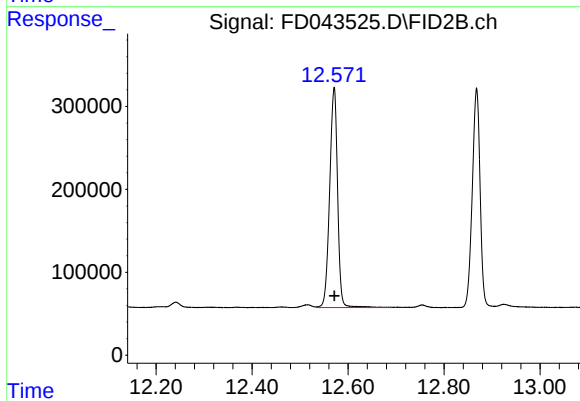
#10 Anthracene (C19.43)

R.T.: 10.830 min  
Delta R.T.: -0.003 min  
Response: 2560416  
Conc: 16.62 ug/ml



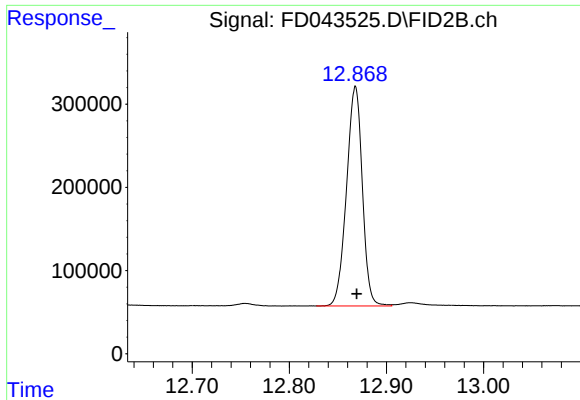
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min  
Delta R.T.: -0.003 min  
Response: 3376524  
Conc: 19.92 ug/ml



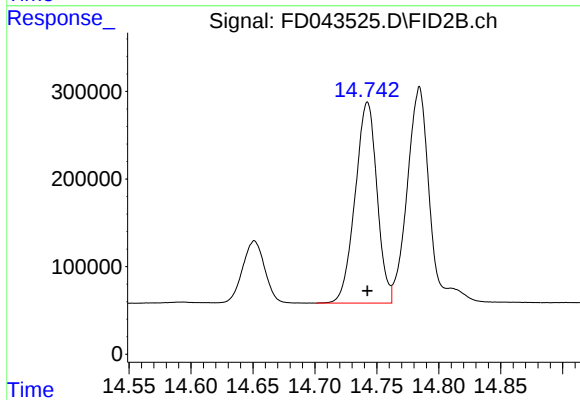
#12 Fluoranthene (C21.85)

R.T.: 12.571 min  
Delta R.T.: -0.001 min  
Response: 3052214  
Conc: 19.27 ug/ml



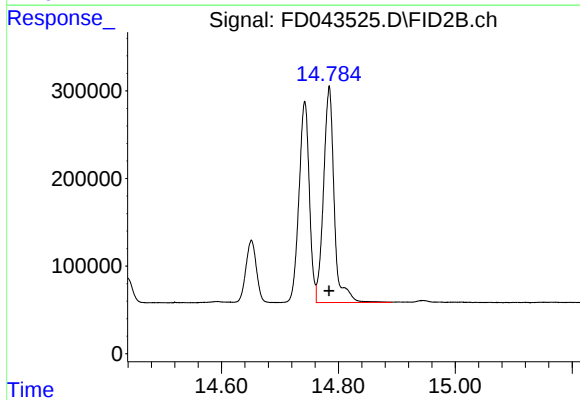
#13 Pyrene (C20.8)

R.T.: 12.868 min  
Delta R.T.: -0.001 min  
Response: 2985578  
Conc: 19.00 ug/ml



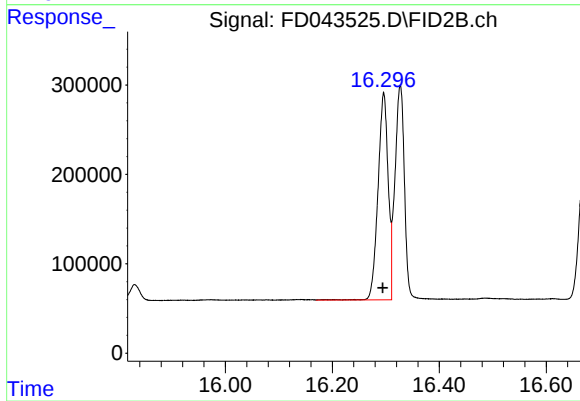
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min  
Delta R.T.: 0.000 min  
Response: 2817335  
Conc: 19.10 ug/ml



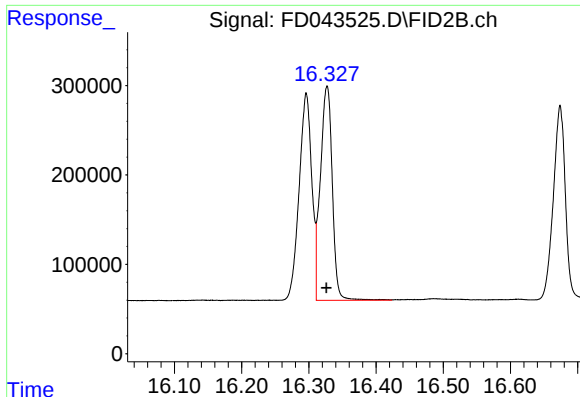
#15 Chrysene (C27.41)

R.T.: 14.784 min  
Delta R.T.: 0.000 min  
Response: 3143413  
Conc: 20.12 ug/ml



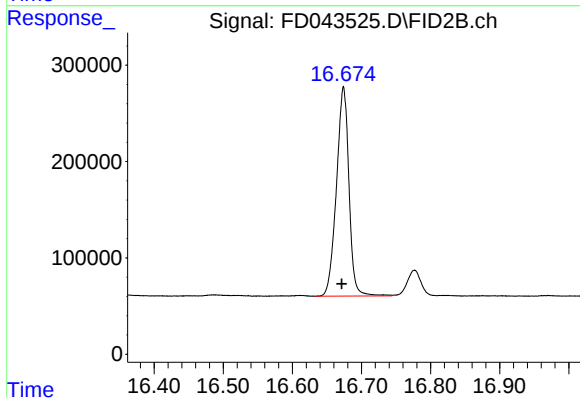
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min  
Delta R.T.: 0.002 min  
Response: 3048489  
Conc: 20.38 ug/ml



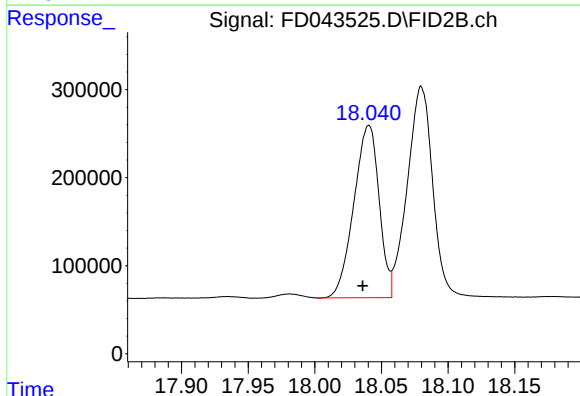
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min  
Delta R.T.: 0.000 min  
Response: 2962272  
Conc: 19.74 ug/ml



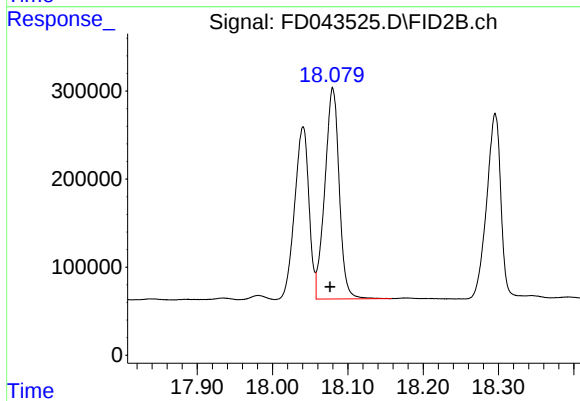
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min  
Delta R.T.: 0.002 min  
Response: 2728709  
Conc: 19.31 ug/ml



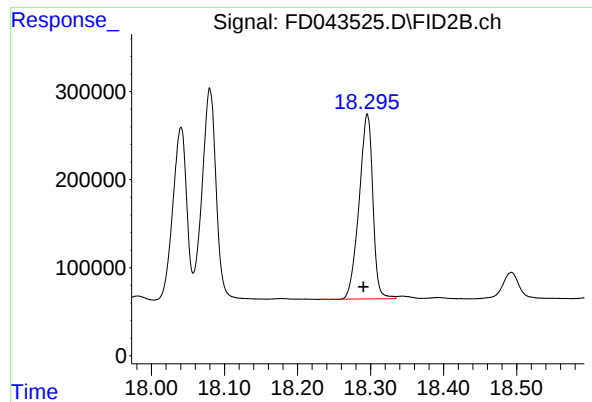
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min  
Delta R.T.: 0.004 min  
Response: 2583739  
Conc: 21.86 ug/ml



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

R.T.: 18.080 min  
Delta R.T.: 0.004 min  
Response: 3186649  
Conc: 22.47 ug/ml



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

R.T.: 18.295 min  
Delta R.T.: 0.005 min  
Response: 2747755  
Conc: 21.13 ug/ml