

Data Path : P:\HPCHEM1\FID D\Data\FD042518AR\  
 Data File : FD023288.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Apr 2018 17:50  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 26 01:53:08 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 24 21:25:16 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.275  | 2563965    | 19.249 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.50%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.136  | 1469403    | 21.163 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.33%       |
| 11) S ortho-Terphenyl (SURR)       | 11.145 | 2871538    | 20.661 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.32%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.089  | 2750726    | 19.969 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.618  | 2740489    | 20.321 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.665  | 2691297    | 20.093 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.928  | 2818534    | 19.598 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.218  | 3089747    | 18.547 ug/ml |
| 8) T Fluorene (C16.55)             | 9.001  | 2785276    | 19.695 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.390 | 2819625    | 21.297 ug/ml |
| 10) T Anthracene (C19.43)          | 10.468 | 2853136    | 20.397 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.197 | 3068420    | 22.085 ug/ml |
| 13) T Pyrene (C20.8)               | 12.489 | 3154103    | 22.193 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.366 | 2945385    | 23.348 ug/ml |
| 15) T Chrysene (C27.41)            | 14.407 | 3254236    | 20.901 ug/ml |
| 16) T benzo[blfluoranthene ...     | 15.921 | 3010168    | 22.197 ug/ml |
| 17) T Bnezo[klfluoranthene ...     | 15.953 | 3426496    | 21.019 ug/ml |
| 18) T Benzo[alpyrene (C31.34)      | 16.305 | 3089370    | 21.555 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.683 | 2662935    | 20.584 ug/ml |
| 20) T Dibenz[fa,h]anthracene...    | 17.709 | 3609199    | 21.763 ug/ml |
| 21) T Benzo[fa,h,ilpervlene ...    | 17.932 | 3099491    | 20.984 ug/ml |
| -----                              |        |            |              |

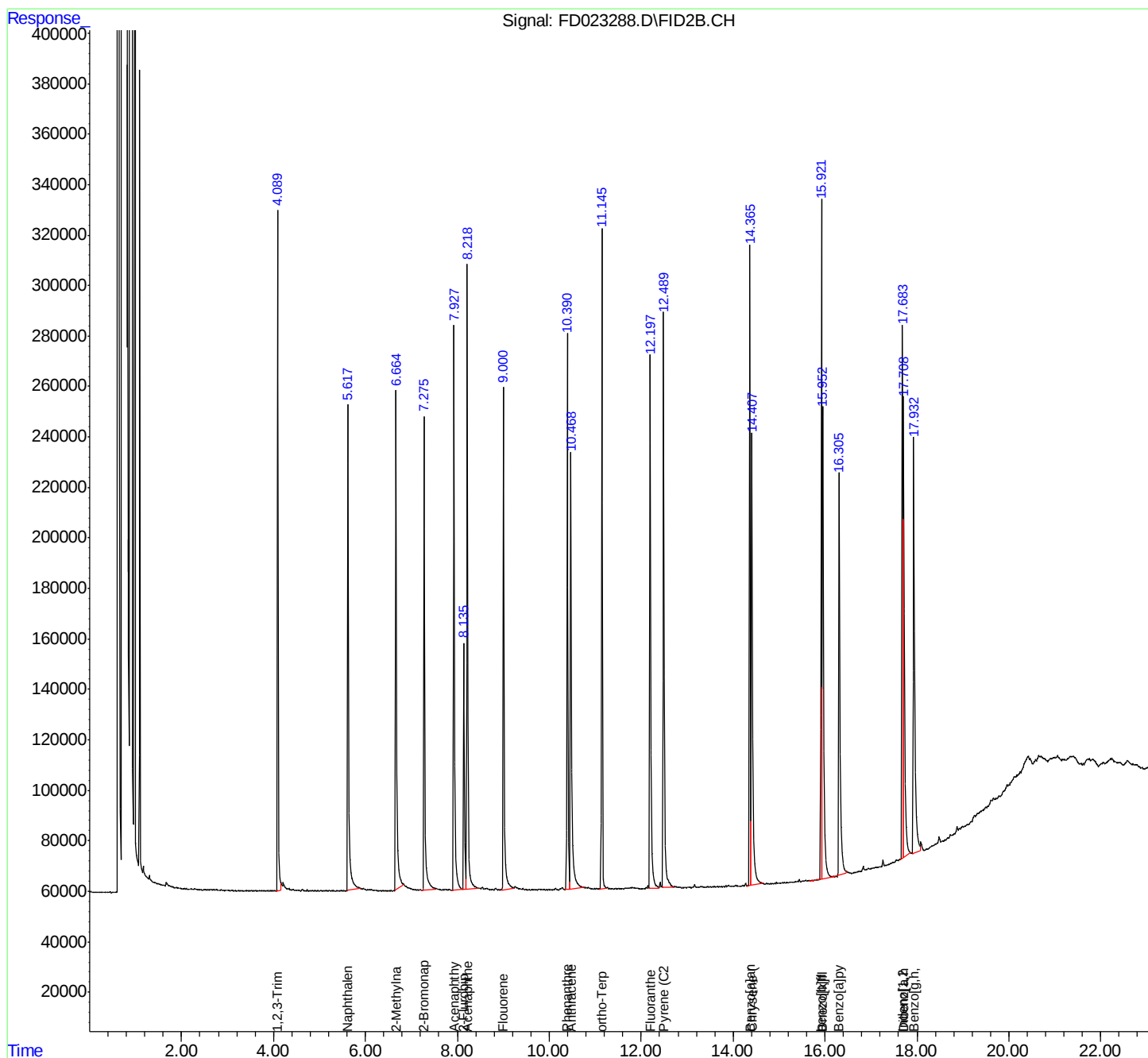
(f)=RT Delta > 1/2 Window

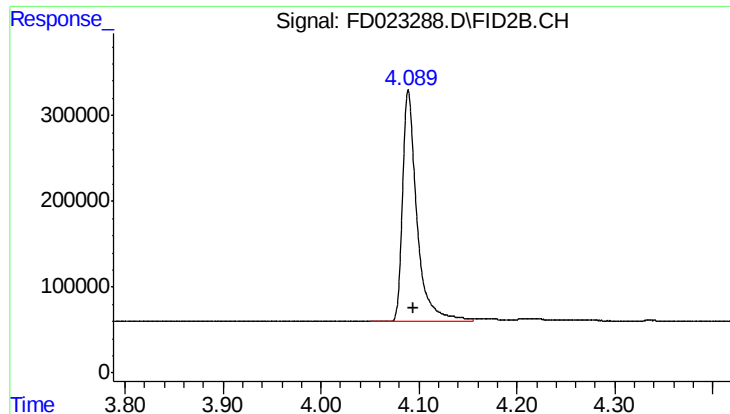
(m)=manual int.

Data Path : P:\HPCHEM1\FID D\Data\FD042518AR\  
Data File : FD023288.D  
Signal(s) : FID2B.CH  
Acq On : 25 Apr 2018 17:50  
Operator : UA/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Apr 26 01:53:08 2018  
Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 24 21:25:16 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

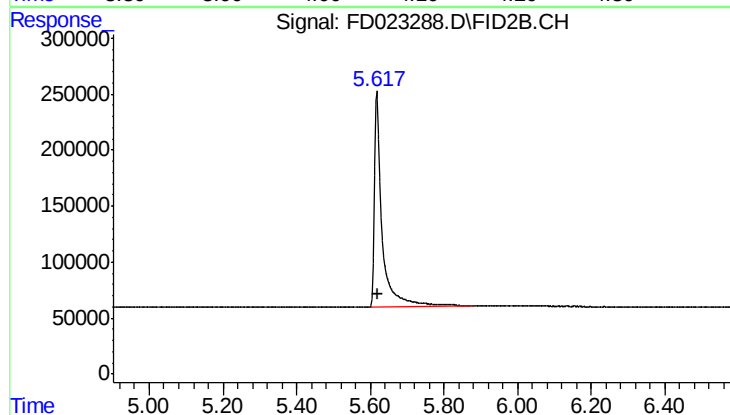
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





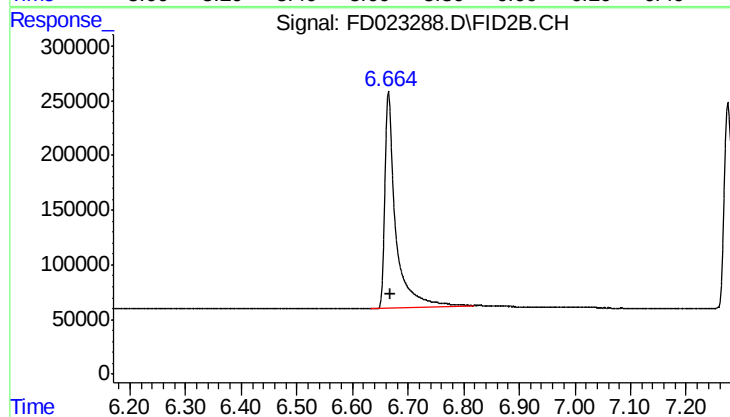
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.089 min  
Delta R.T.: -0.005 min  
Response: 2750726  
Conc: 19.97 ug/ml



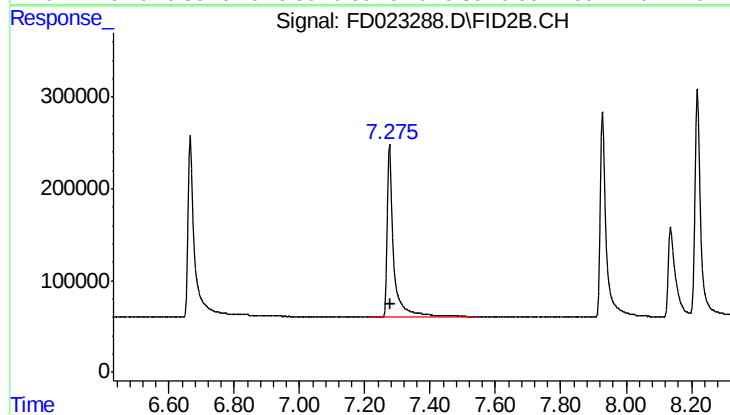
#2 Naphthalene (C11.7)

R.T.: 5.618 min  
Delta R.T.: -0.004 min  
Response: 2740489  
Conc: 20.32 ug/ml



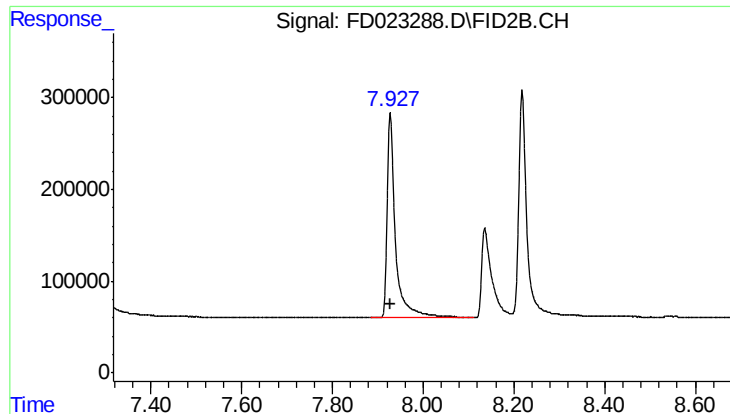
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.665 min  
Delta R.T.: -0.003 min  
Response: 2691297  
Conc: 20.09 ug/ml



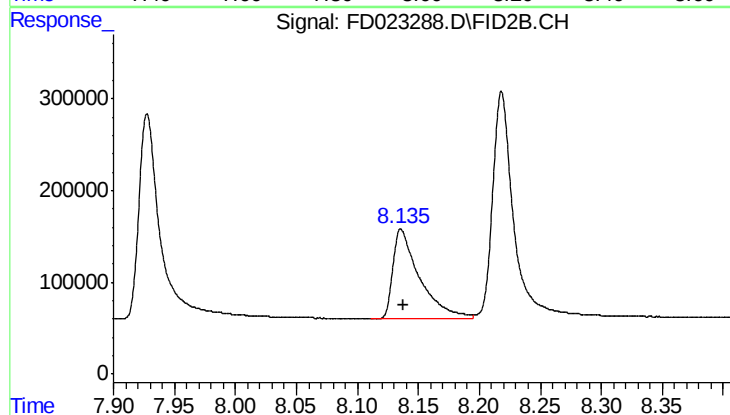
#4 2-Bromonaphthalene (SURR)

R.T.: 7.275 min  
Delta R.T.: -0.002 min  
Response: 2563965  
Conc: 19.25 ug/ml



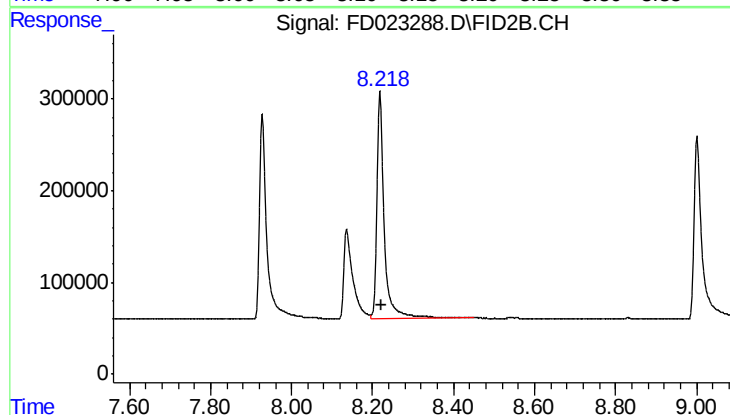
#5 Acenaphthylene (C15.06)

R.T.: 7.928 min  
Delta R.T.: -0.002 min  
Response: 2818534  
Conc: 19.60 ug/ml



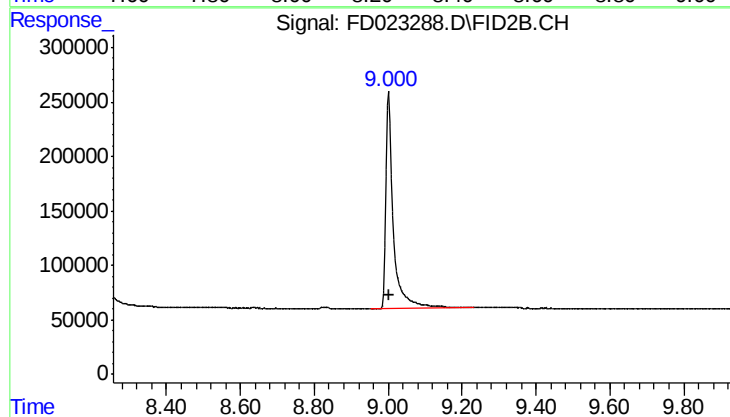
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.136 min  
Delta R.T.: -0.002 min  
Response: 1469403  
Conc: 21.16 ug/ml



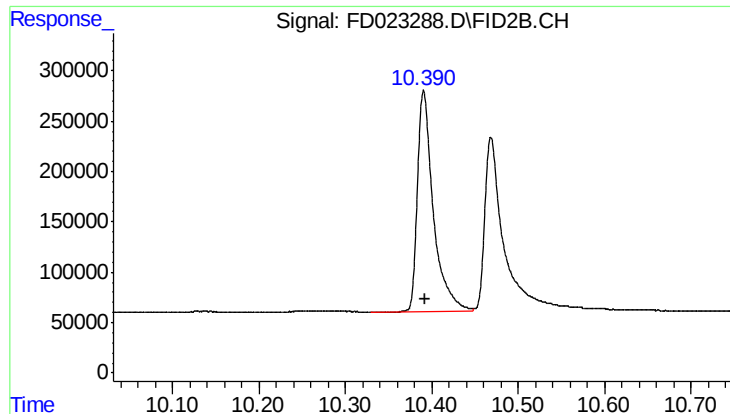
#7 Acenaphthene (C15.5)

R.T.: 8.218 min  
Delta R.T.: -0.003 min  
Response: 3089747  
Conc: 18.55 ug/ml



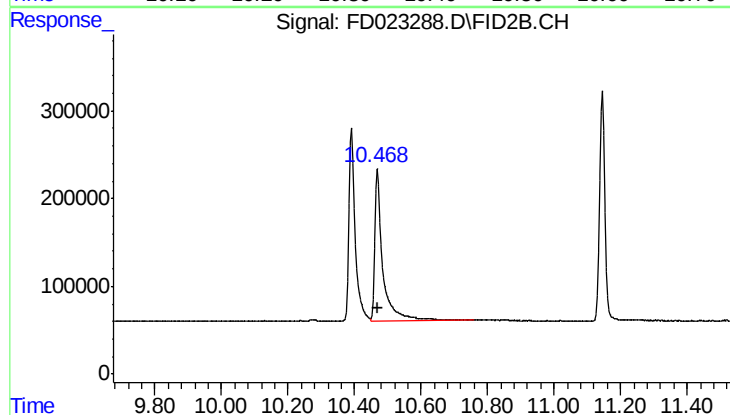
#8 Fluorene (C16.55)

R.T.: 9.001 min  
Delta R.T.: -0.003 min  
Response: 2785276  
Conc: 19.70 ug/ml



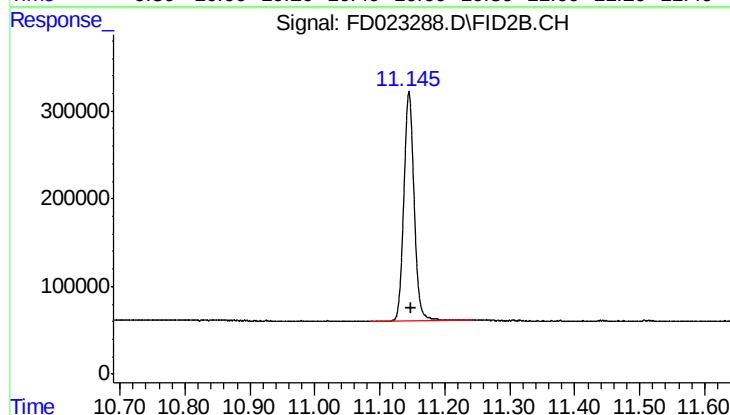
#9 Phenanthrene (C19.36)

R.T.: 10.390 min  
Delta R.T.: -0.002 min  
Response: 2819625  
Conc: 21.30 ug/ml



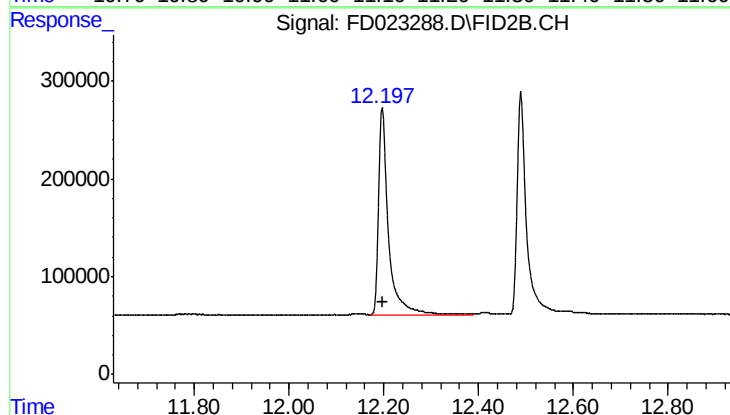
#10 Anthracene (C19.43)

R.T.: 10.468 min  
Delta R.T.: -0.002 min  
Response: 2853136  
Conc: 20.40 ug/ml



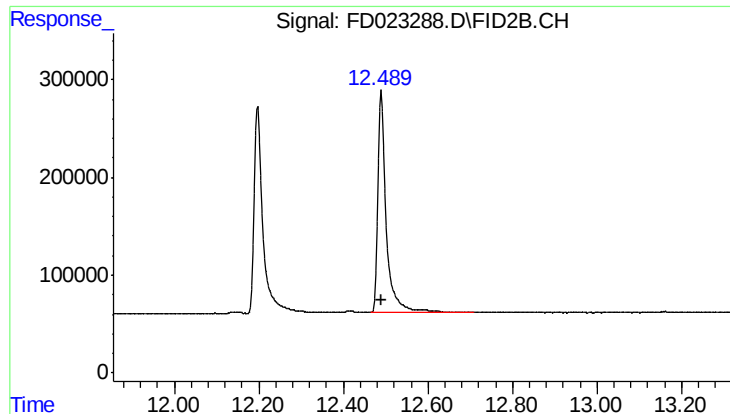
#11 ortho-Terphenyl (SURRE)

R.T.: 11.145 min  
Delta R.T.: -0.002 min  
Response: 2871538  
Conc: 20.66 ug/ml



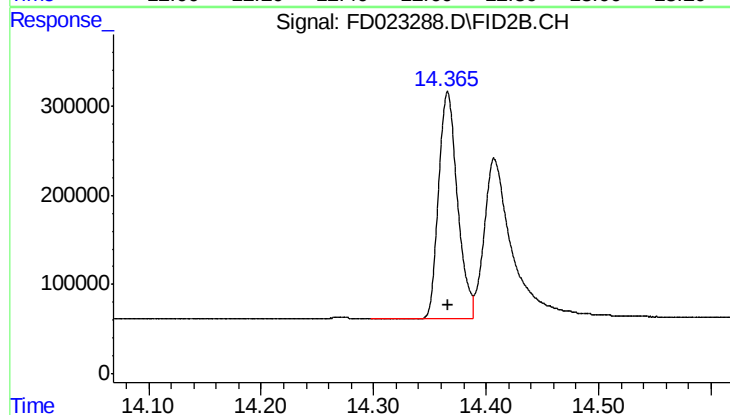
#12 Fluoranthene (C21.85)

R.T.: 12.197 min  
Delta R.T.: -0.002 min  
Response: 3068420  
Conc: 22.09 ug/ml



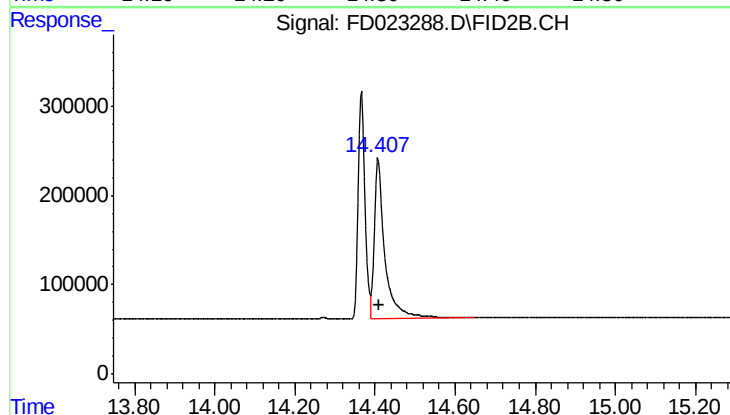
#13 Pyrene (C20.8)

R.T.: 12.489 min  
Delta R.T.: 0.000 min  
Response: 3154103  
Conc: 22.19 ug/ml



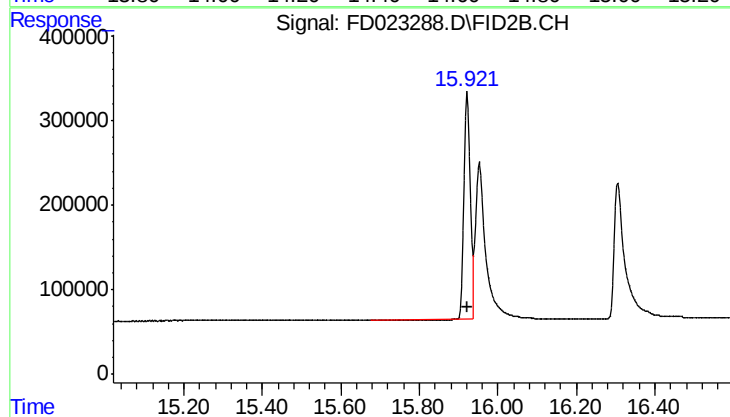
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.366 min  
Delta R.T.: 0.000 min  
Response: 2945385  
Conc: 23.35 ug/ml



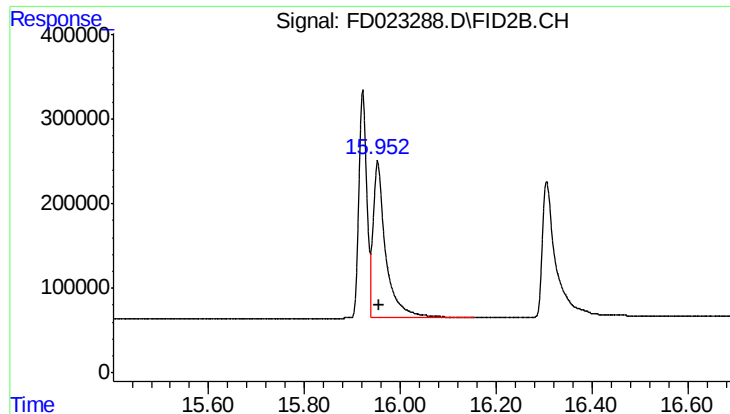
#15 Chrysene (C27.41)

R.T.: 14.407 min  
Delta R.T.: -0.001 min  
Response: 3254236  
Conc: 20.90 ug/ml



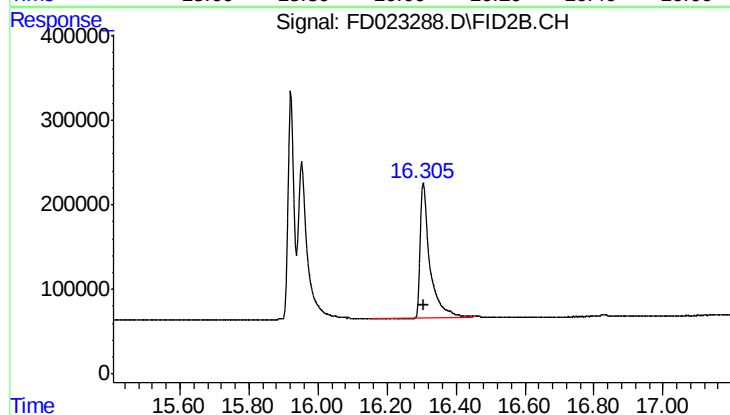
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.921 min  
Delta R.T.: 0.000 min  
Response: 3010168  
Conc: 22.20 ug/ml



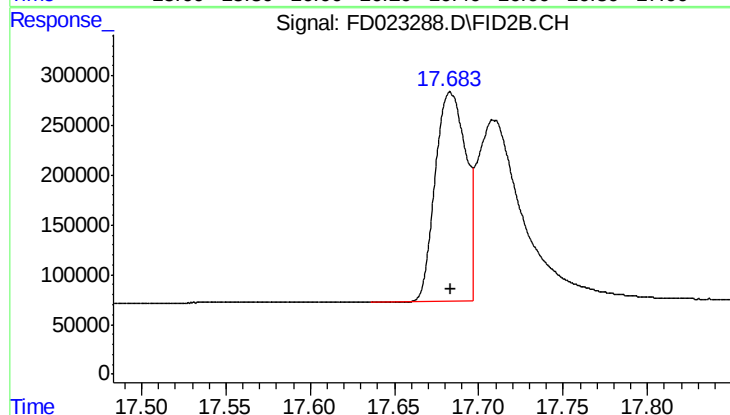
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.953 min  
Delta R.T.: -0.002 min  
Response: 3426496  
Conc: 21.02 ug/ml



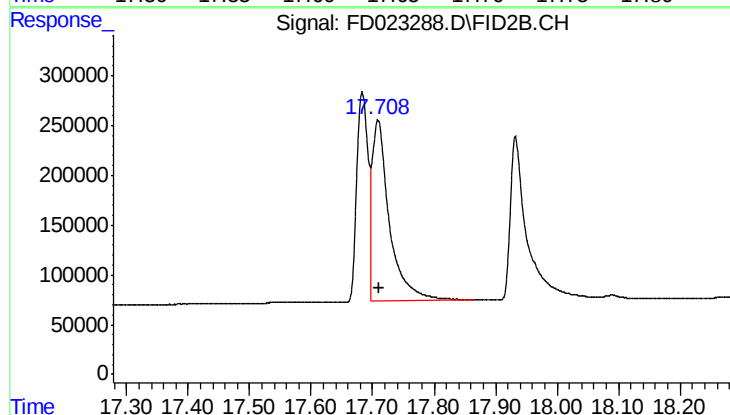
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.305 min  
Delta R.T.: 0.000 min  
Response: 3089370  
Conc: 21.55 ug/ml



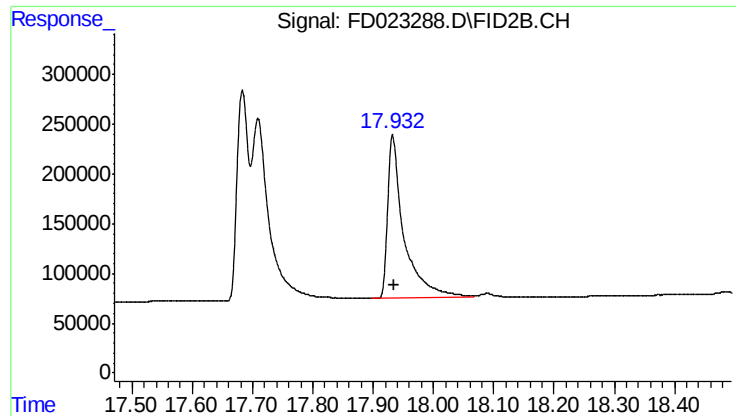
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.683 min  
Delta R.T.: 0.000 min  
Response: 2662935  
Conc: 20.58 ug/ml



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

R.T.: 17.709 min  
Delta R.T.: 0.000 min  
Response: 3609199  
Conc: 21.76 ug/ml



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

R.T.: 17.932 min  
Delta R.T.: -0.002 min  
Response: 3099491  
Conc: 20.98 ug/ml