

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\  
 Data File : FD020104.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Feb 2018 1:03  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 21 06:02:18 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 21 04:46:02 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...      | 7.348  | 1767780    | 21.101 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.20%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.208  | 1072177    | 21.207 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.230 | 1949984    | 20.548 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.10%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.155  | 1932835    | 21.887 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.687  | 1944416    | 21.737 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.736  | 1887086    | 20.778 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.003  | 1970668    | 20.577 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.295  | 2081028    | 20.315 ug/ml |
| 8) T Fluorene (C16.55)             | 9.078  | 1931684    | 20.601 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.470 | 1967899    | 21.121 ug/ml |
| 10) T Anthracene (C19.43)          | 10.547 | 2006733    | 21.162 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.279 | 2131183    | 21.247 ug/ml |
| 13) T Pyrene (C20.8)               | 12.572 | 2135049    | 21.015 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.448 | 2054001    | 21.300 ug/ml |
| 15) T Chrysene (C27.41)            | 14.490 | 2247788    | 20.826 ug/ml |
| 16) T benzo[blfluoranthene ...     | 16.003 | 2118558    | 21.074 ug/ml |
| 17) T Bnezo[klfluoranthene ...     | 16.033 | 2347265    | 20.685 ug/ml |
| 18) T Benzo[alpyrene (C31.34)      | 16.384 | 2171571    | 20.664 ug/ml |
| 19) T Indeno[1,2,3-cd]pvren...     | 17.788 | 2420827    | 25.409 ug/ml |
| 20) T Dibenz[fa,h]anthracene...    | 17.788 | 2420827    | 21.303 ug/ml |
| 21) T Benzo[qa,h]ilpervlene ...    | 18.008 | 2193710    | 21.121 ug/ml |
| -----                              |        |            |              |

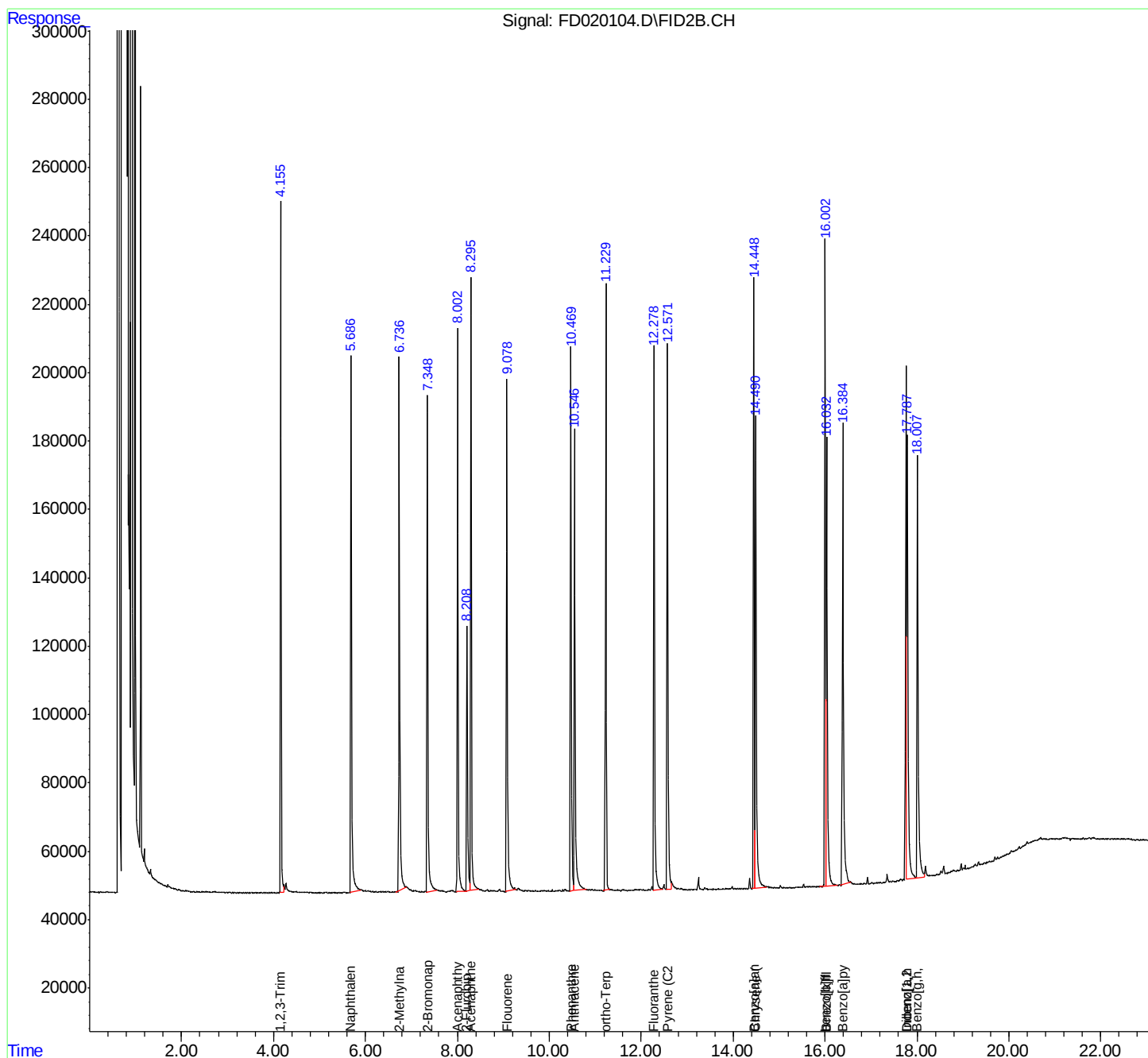
(f)=RT Delta > 1/2 Window

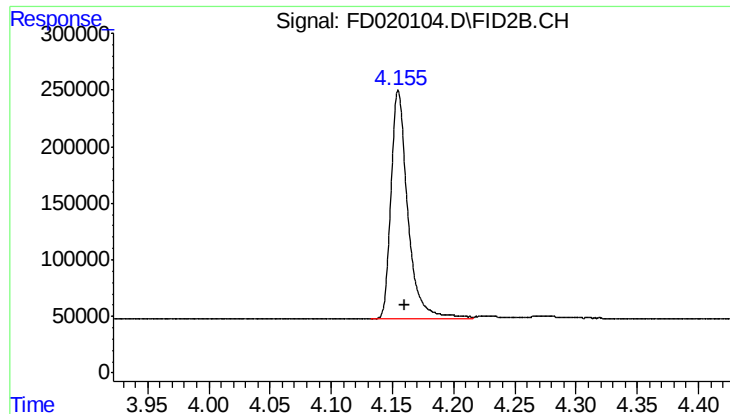
(m)=manual int.

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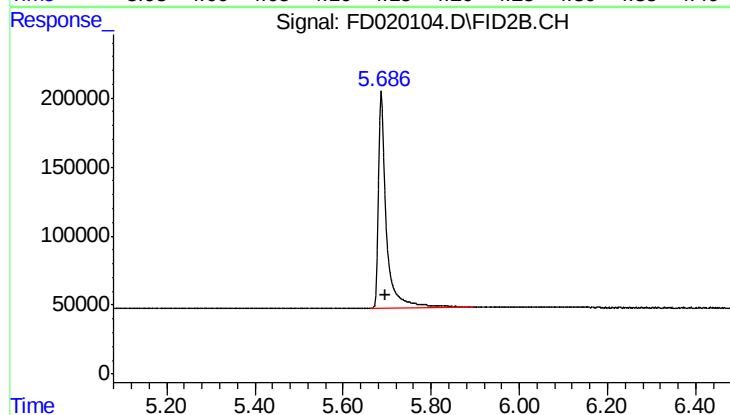
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





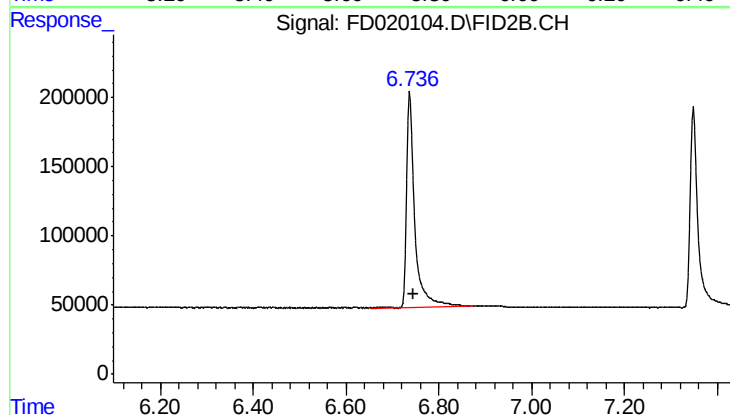
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min  
Delta R.T.: -0.005 min  
Response: 1932835  
Conc: 21.89 ug/ml



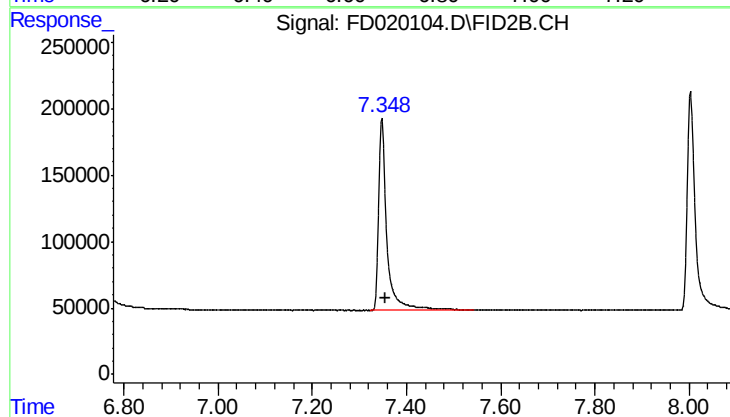
#2 Naphthalene (C11.7)

R.T.: 5.687 min  
Delta R.T.: -0.010 min  
Response: 1944416  
Conc: 21.74 ug/ml



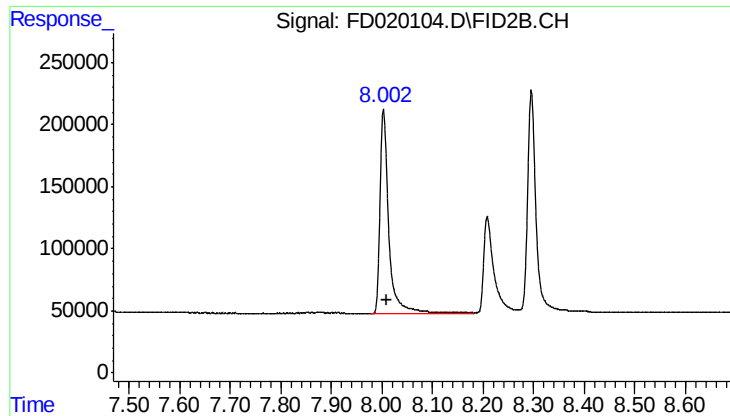
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min  
Delta R.T.: -0.009 min  
Response: 1887086  
Conc: 20.78 ug/ml



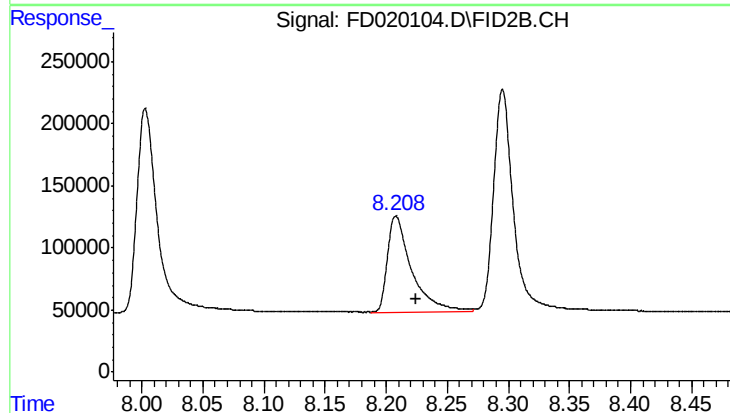
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min  
Delta R.T.: -0.007 min  
Response: 1767780  
Conc: 21.10 ug/ml



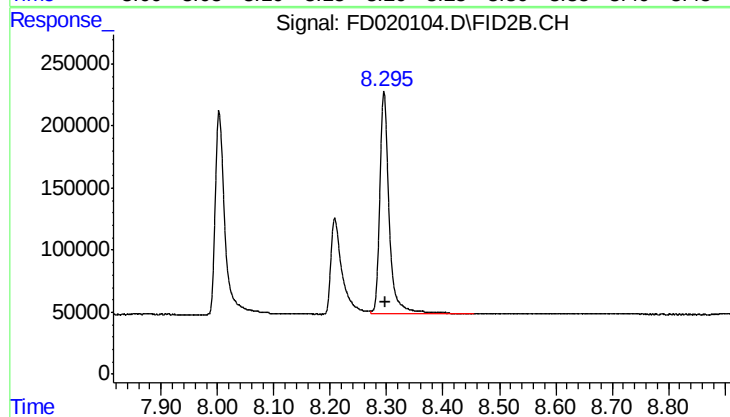
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min  
Delta R.T.: -0.006 min  
Response: 1970668  
Conc: 20.58 ug/ml



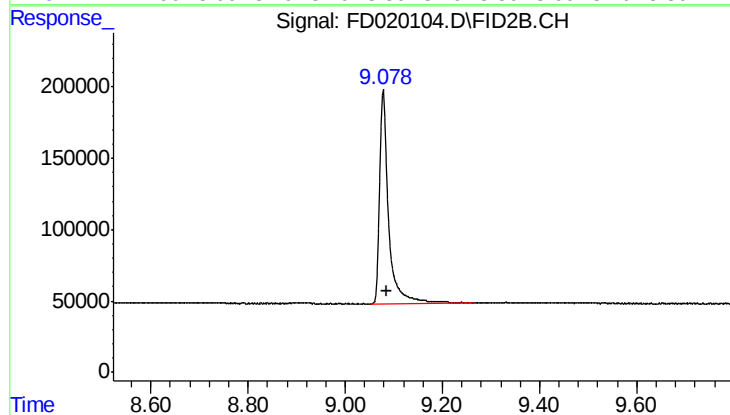
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.208 min  
Delta R.T.: -0.016 min  
Response: 1072177  
Conc: 21.21 ug/ml



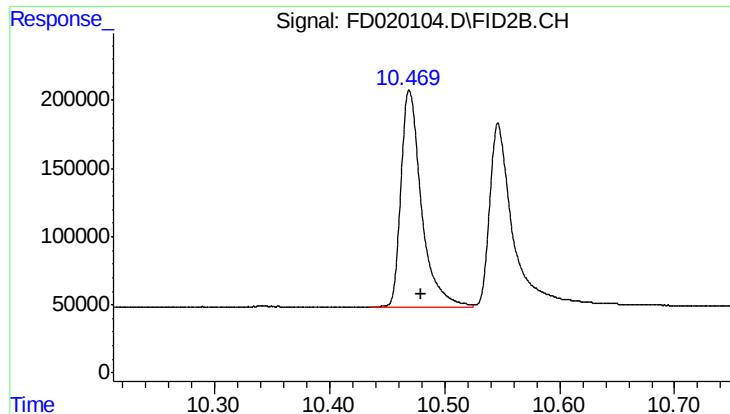
#7 Acenaphthene (C15.5)

R.T.: 8.295 min  
Delta R.T.: -0.003 min  
Response: 2081028  
Conc: 20.31 ug/ml



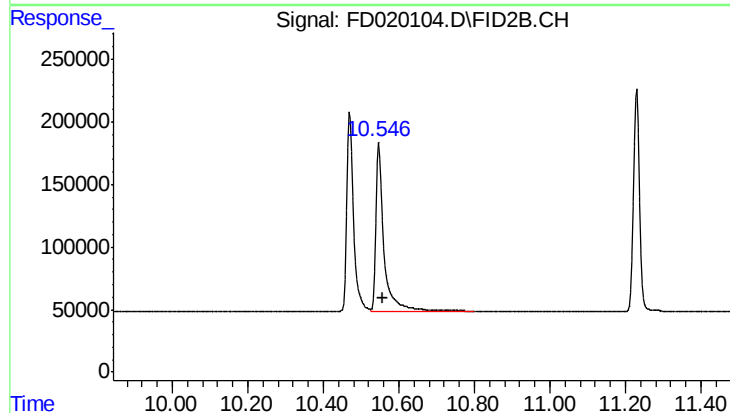
#8 Fluorene (C16.55)

R.T.: 9.078 min  
Delta R.T.: -0.008 min  
Response: 1931684  
Conc: 20.60 ug/ml



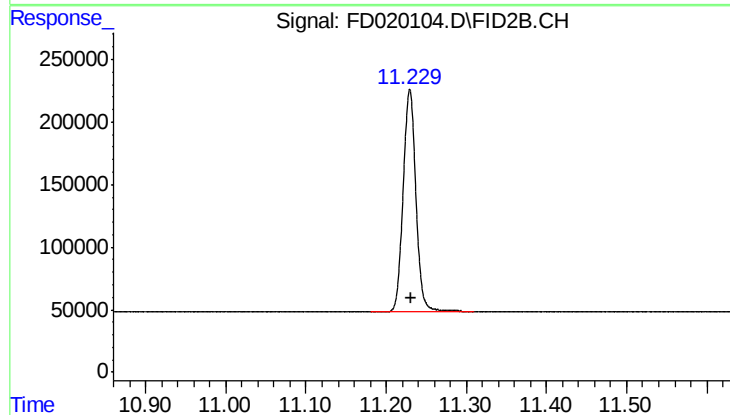
#9 Phenanthrene (C19.36)

R.T.: 10.470 min  
Delta R.T.: -0.010 min  
Response: 1967899  
Conc: 21.12 ug/ml



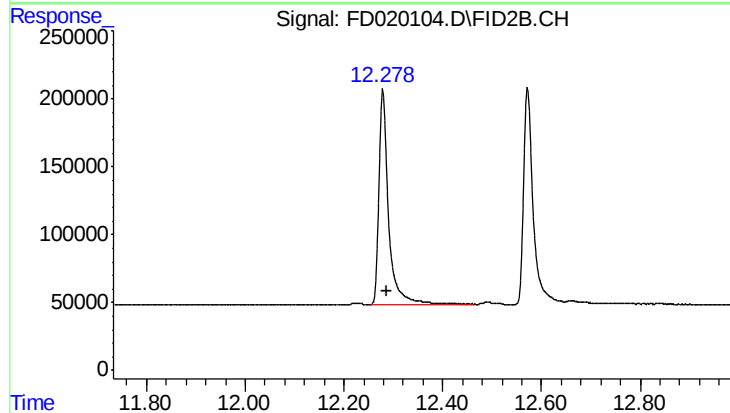
#10 Anthracene (C19.43)

R.T.: 10.547 min  
Delta R.T.: -0.013 min  
Response: 2006733  
Conc: 21.16 ug/ml



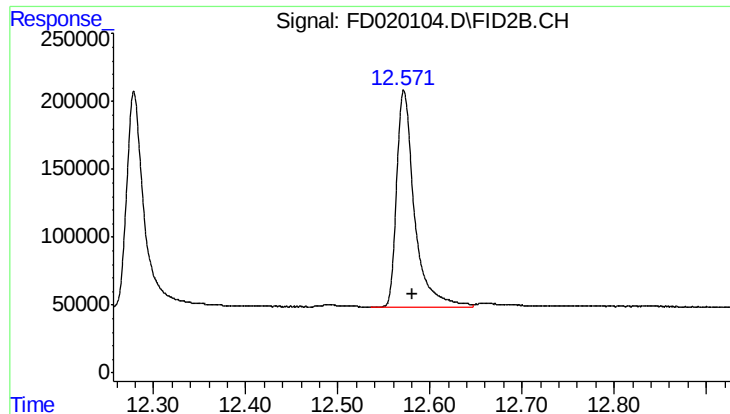
#11 ortho-Terphenyl (SURRE)

R.T.: 11.230 min  
Delta R.T.: 0.000 min  
Response: 1949984  
Conc: 20.55 ug/ml



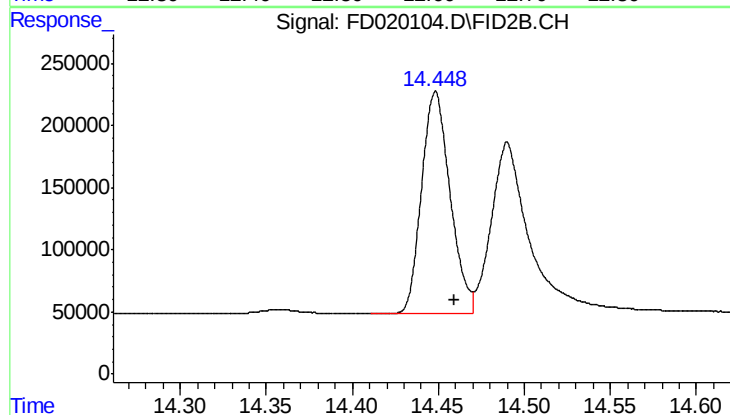
#12 Fluoranthene (C21.85)

R.T.: 12.279 min  
Delta R.T.: -0.009 min  
Response: 2131183  
Conc: 21.25 ug/ml



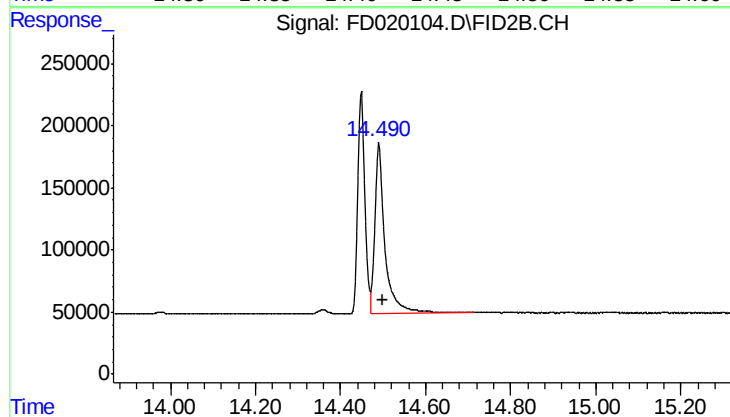
#13 Pyrene (C20.8)

R.T.: 12.572 min  
Delta R.T.: -0.008 min  
Response: 2135049  
Conc: 21.01 ug/ml



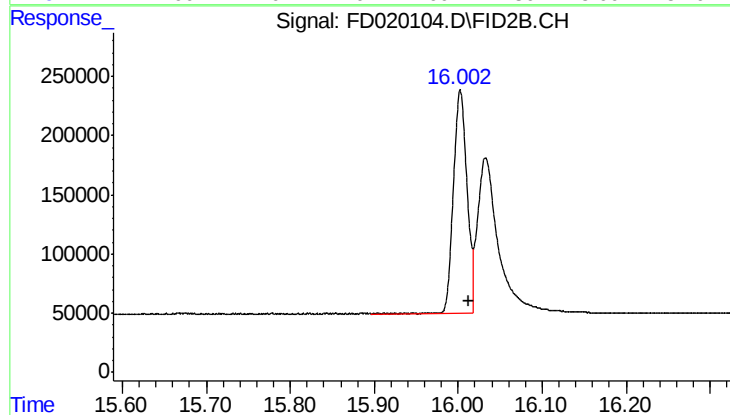
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min  
Delta R.T.: -0.011 min  
Response: 2054001  
Conc: 21.30 ug/ml



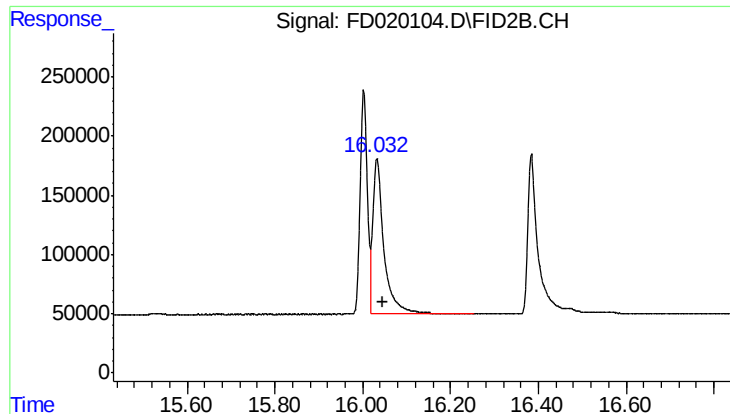
#15 Chrysene (C27.41)

R.T.: 14.490 min  
Delta R.T.: -0.010 min  
Response: 2247788  
Conc: 20.83 ug/ml



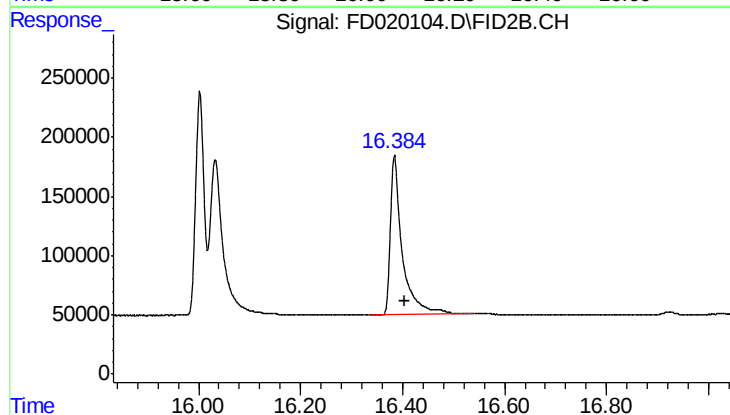
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min  
Delta R.T.: -0.010 min  
Response: 2118558  
Conc: 21.07 ug/ml



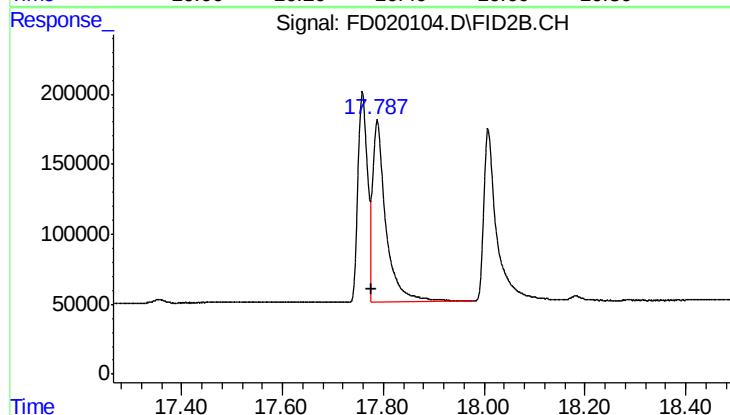
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min  
Delta R.T.: -0.013 min  
Response: 2347265  
Conc: 20.69 ug/ml



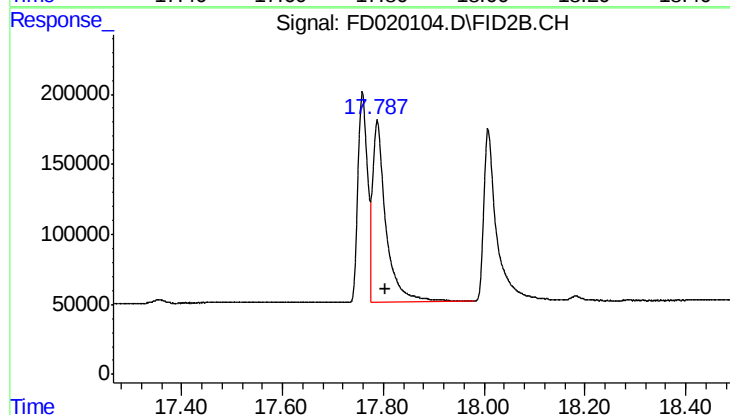
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min  
Delta R.T.: -0.020 min  
Response: 2171571  
Conc: 20.66 ug/ml



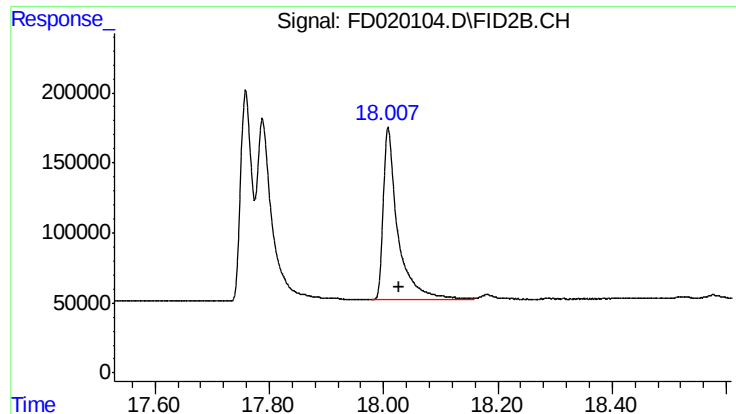
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.788 min  
Delta R.T.: 0.011 min  
Response: 2420827  
Conc: 25.41 ug/ml



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

R.T.: 17.788 min  
Delta R.T.: -0.016 min  
Response: 2420827  
Conc: 21.30 ug/ml



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

R.T.: 18.008 min  
Delta R.T.: -0.020 min  
Response: 2193710  
Conc: 21.12 ug/ml