

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051920AR\  
 Data File : FD033543.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 May 2020 5:14  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 20 07:00:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051920.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 06:56:37 2020  
 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...      | 7.582  | 2142197    | 20.803 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.61%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.445  | 1422834    | 20.644 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.29%       |
| 11) S ortho-Terphenyl (SURR)       | 11.471 | 2641604    | 20.121 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.24%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.390  | 2346714    | 20.429 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.925  | 2395539    | 20.629 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.974  | 2450497    | 20.520 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.244  | 2489706    | 20.241 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.538  | 2612244    | 20.139 ug/ml |
| 8) T Fluorene (C16.55)             | 9.319  | 2457905    | 20.580 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.712 | 2512943    | 20.443 ug/ml |
| 10) T Anthracene (C19.43)          | 10.787 | 2540999    | 20.664 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.521 | 2584690    | 20.438 ug/ml |
| 13) T Pyrene (C20.8)               | 12.816 | 2466892    | 20.220 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.688 | 2345455    | 20.944 ug/ml |
| 15) T Chrysene (C27.41)            | 14.729 | 2600109    | 19.851 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.239 | 2347489    | 20.662 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.270 | 2501886    | 20.034 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.619 | 2410104    | 20.510 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.988 | 2067228    | 20.310 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.022 | 2518825    | 20.703 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.239 | 2290886    | 20.477 ug/ml |
| -----                              |        |            |              |

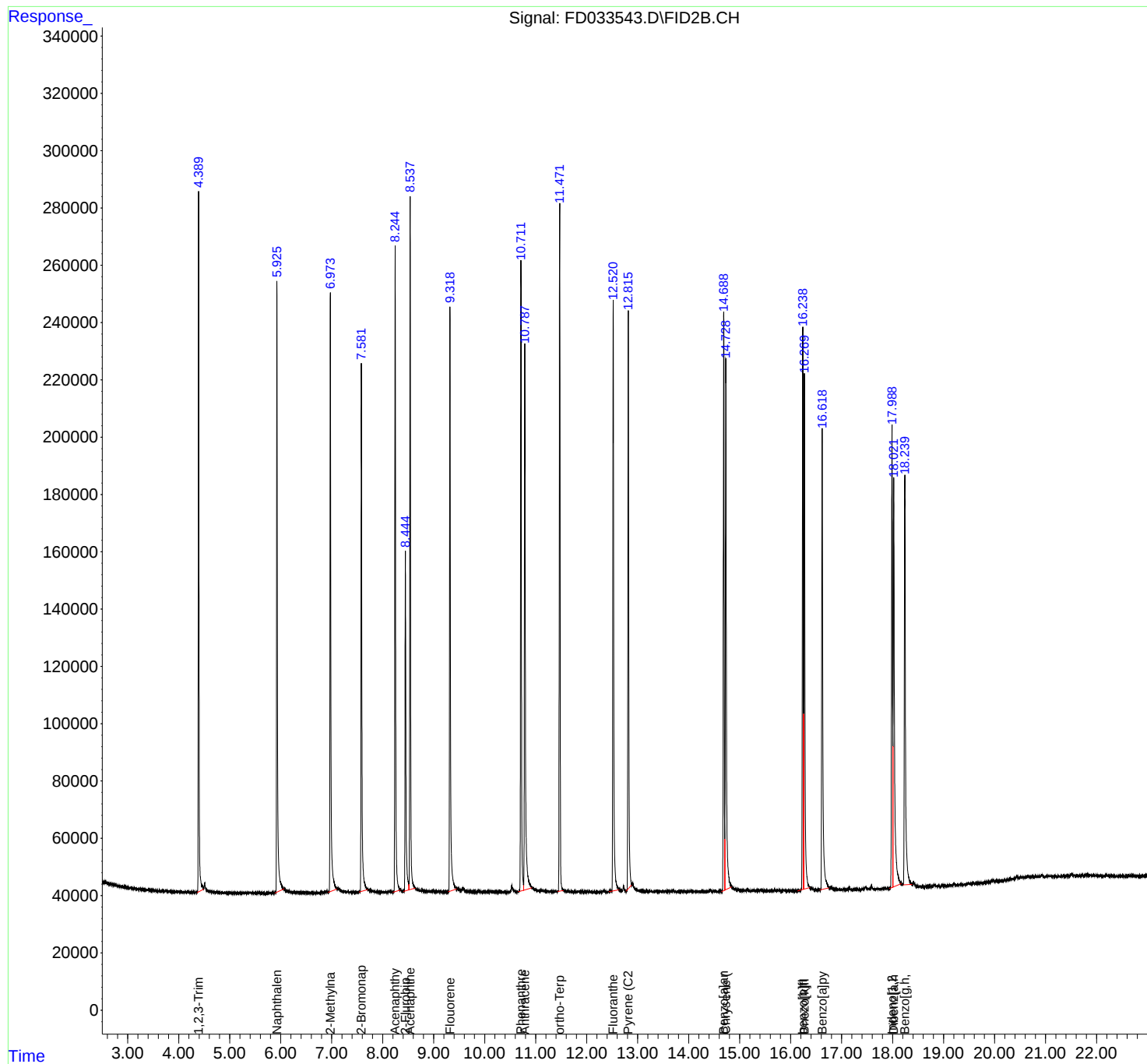
(f)=RT Delta > 1/2 Window

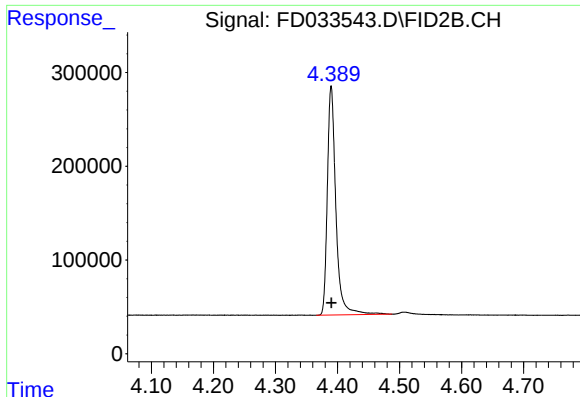
(m)=manual int.

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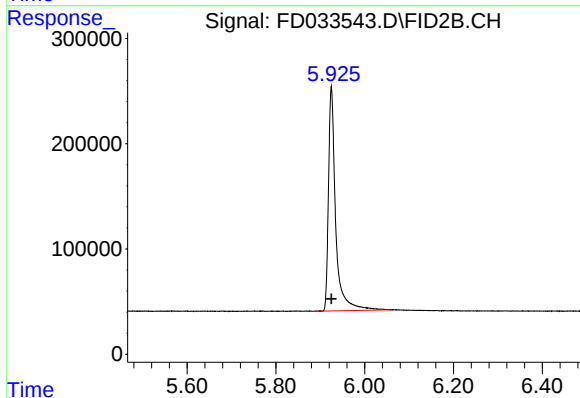
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





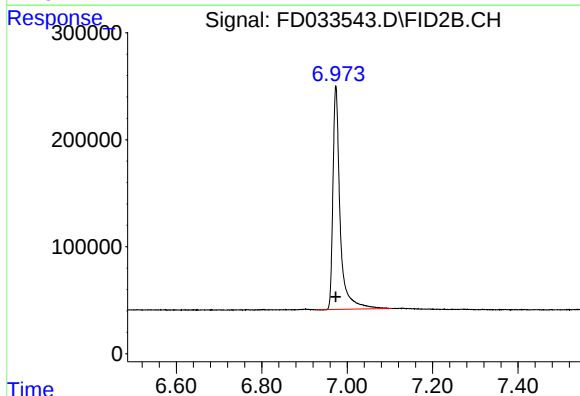
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min  
Delta R.T.: 0.000 min  
Response: 2346714  
Conc: 20.43 ug/ml



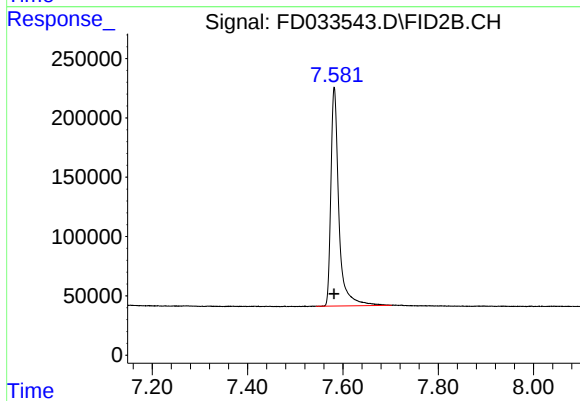
#2 Naphthalene (C11.7)

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 2395539  
Conc: 20.63 ug/ml



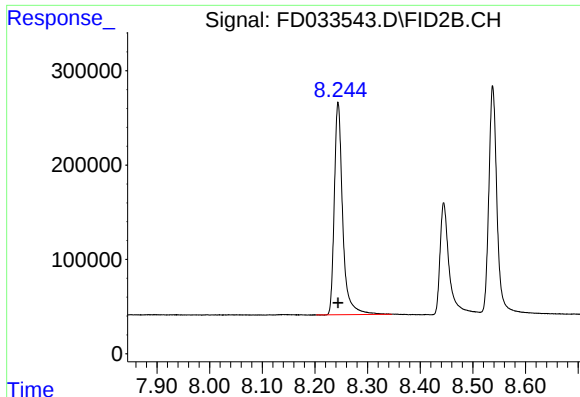
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 2450497  
Conc: 20.52 ug/ml



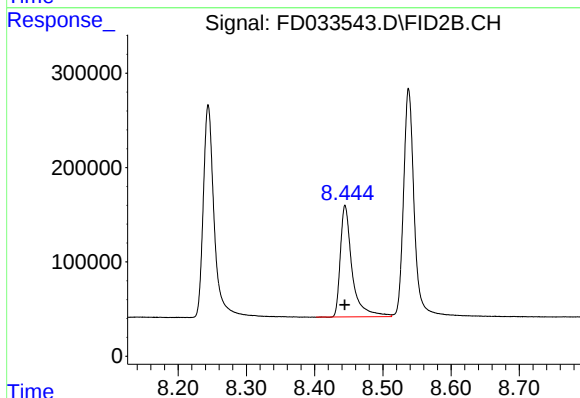
#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min  
Delta R.T.: 0.000 min  
Response: 2142197  
Conc: 20.80 ug/ml



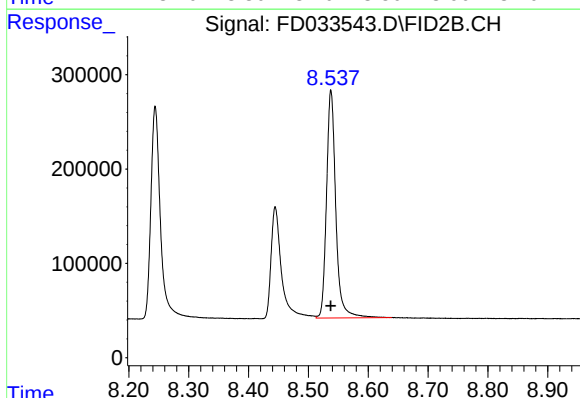
#5 Acenaphthylene (C15.06)

R.T.: 8.244 min  
Delta R.T.: 0.000 min  
Response: 2489706  
Conc: 20.24 ug/ml



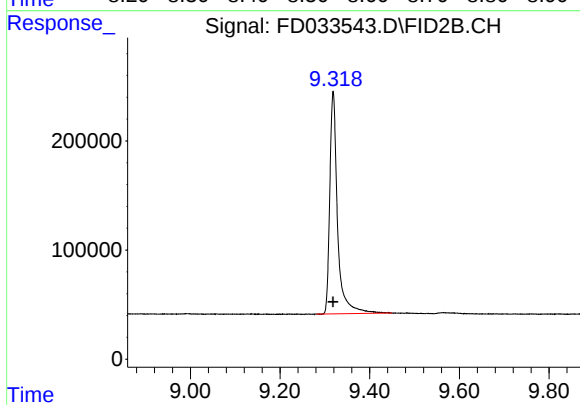
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.445 min  
Delta R.T.: 0.000 min  
Response: 1422834  
Conc: 20.64 ug/ml



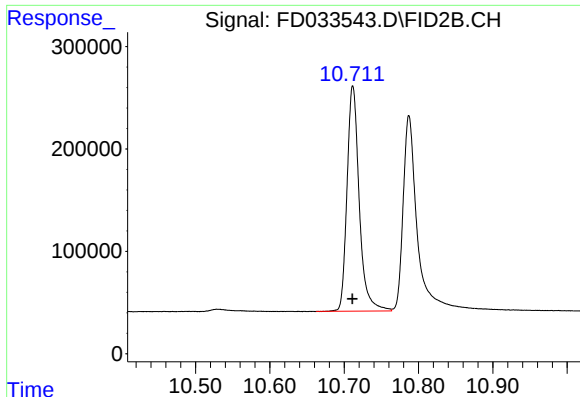
#7 Acenaphthene (C15.5)

R.T.: 8.538 min  
Delta R.T.: 0.000 min  
Response: 2612244  
Conc: 20.14 ug/ml



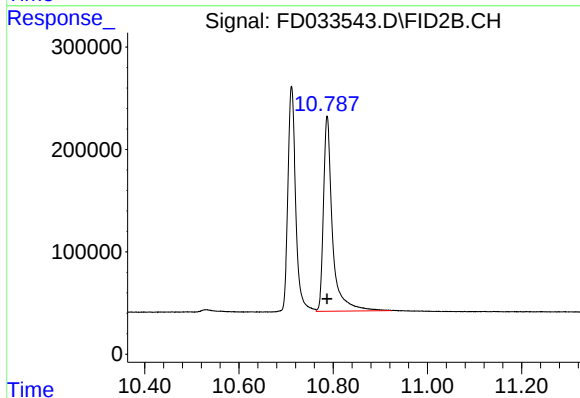
#8 Fluorene (C16.55)

R.T.: 9.319 min  
Delta R.T.: 0.000 min  
Response: 2457905  
Conc: 20.58 ug/ml



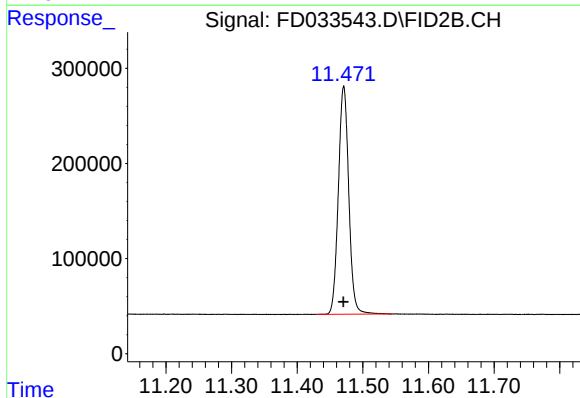
#9 Phenanthrene (C19.36)

R.T.: 10.712 min  
Delta R.T.: 0.000 min  
Response: 2512943  
Conc: 20.44 ug/ml



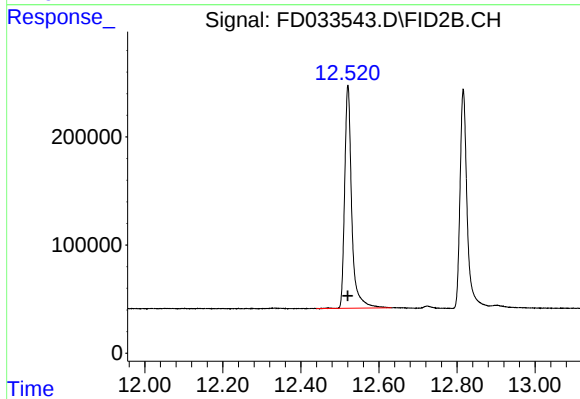
#10 Anthracene (C19.43)

R.T.: 10.787 min  
Delta R.T.: 0.000 min  
Response: 2540999  
Conc: 20.66 ug/ml



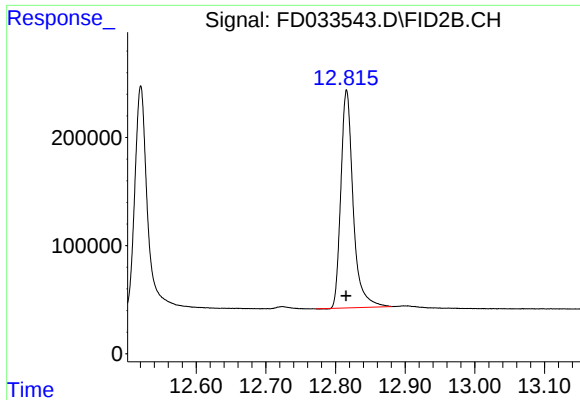
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min  
Delta R.T.: 0.000 min  
Response: 2641604  
Conc: 20.12 ug/ml



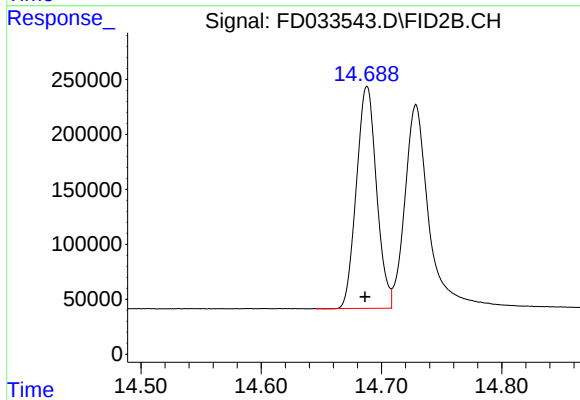
#12 Fluoranthene (C21.85)

R.T.: 12.521 min  
Delta R.T.: 0.000 min  
Response: 2584690  
Conc: 20.44 ug/ml



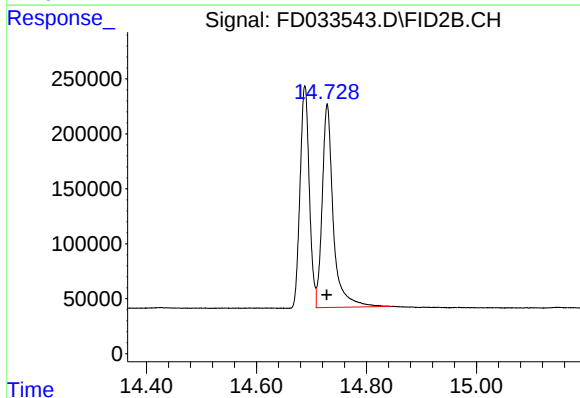
#13 Pyrene (C20.8)

R.T.: 12.816 min  
Delta R.T.: 0.000 min  
Response: 2466892  
Conc: 20.22 ug/ml



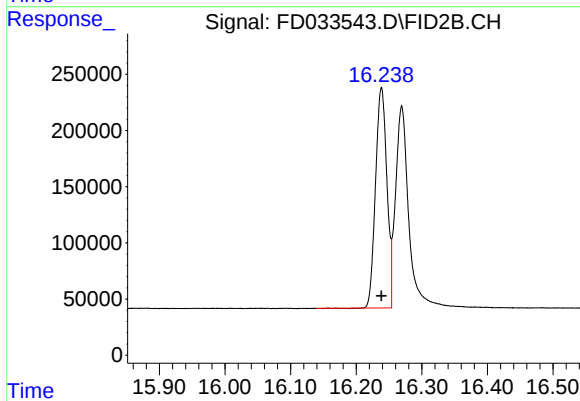
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min  
Delta R.T.: 0.002 min  
Response: 2345455  
Conc: 20.94 ug/ml



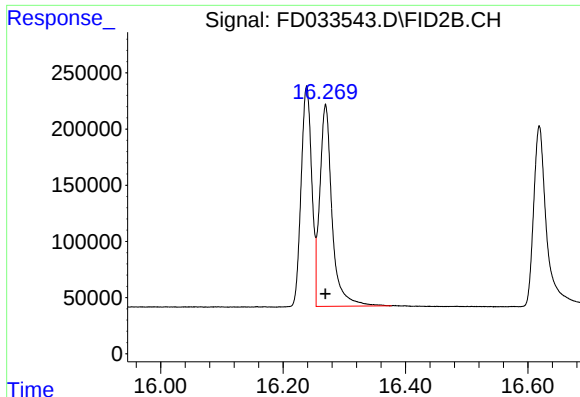
#15 Chrysene (C27.41)

R.T.: 14.729 min  
Delta R.T.: 0.000 min  
Response: 2600109  
Conc: 19.85 ug/ml



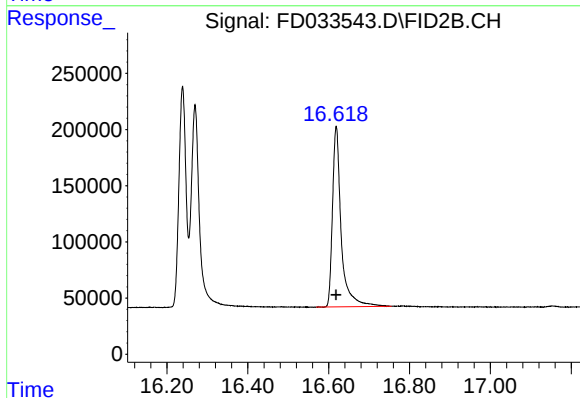
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.239 min  
Delta R.T.: 0.000 min  
Response: 2347489  
Conc: 20.66 ug/ml



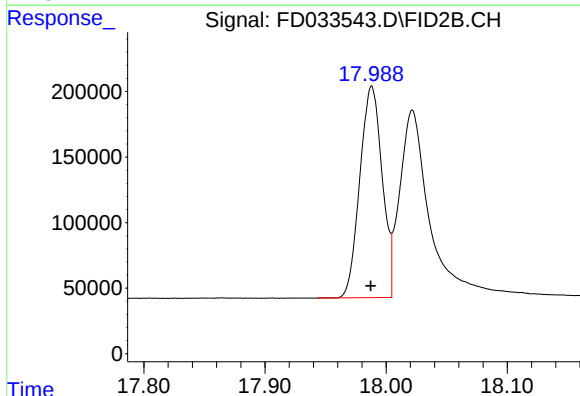
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.270 min  
Delta R.T.: 0.000 min  
Response: 2501886  
Conc: 20.03 ug/ml



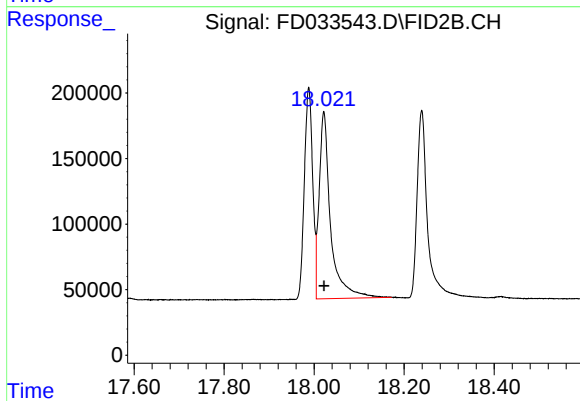
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min  
Delta R.T.: 0.000 min  
Response: 2410104  
Conc: 20.51 ug/ml



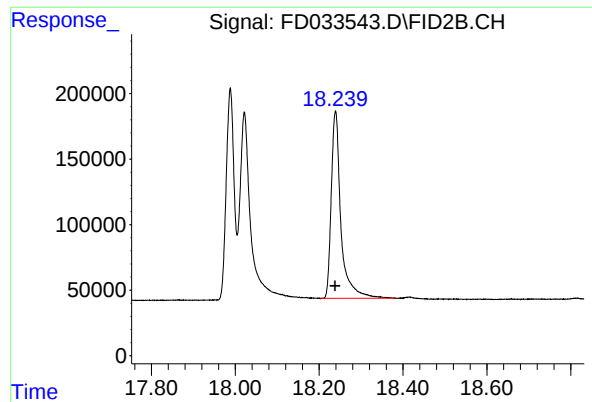
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min  
Delta R.T.: 0.000 min  
Response: 2067228  
Conc: 20.31 ug/ml



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

R.T.: 18.022 min  
Delta R.T.: 0.000 min  
Response: 2518825  
Conc: 20.70 ug/ml



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

R.T.: 18.239 min  
Delta R.T.: 0.001 min  
Response: 2290886  
Conc: 20.48 ug/ml