

Data Path : P:\HPCHEM1\FID D\Data\FD042418AR\  
 Data File : FD023267.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Apr 2018 21:21  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 24 21:45:48 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  | 2417271    | 18.148 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.30%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.136  | 1354850    | 19.513 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.03%       |
|                                    |        |            |              |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.091  | 2596810    | 18.851 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.618  | 2584401    | 19.164 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.927  | 2635096    | 18.323 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.218  | 2795809    | 16.783 ug/ml |
| 8) T Fluorene (C16.55)             | 9.001  | 2581939    | 18.258 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.391 | 2606312    | 19.686 ug/ml |
| 10) T Anthracene (C19.43)          | 10.469 | 2657716    | 19.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.196 | 2830104    | 20.370 ug/ml |
| 13) T Pyrene (C20.8)               | 12.489 | 2808347    | 19.760 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.366 | 2689705    | 21.322 ug/ml |
| 15) T Chrysene (C27.41)            | 14.409 | 2934221    | 18.845 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.922 | 2766977    | 20.404 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.954 | 3174687    | 19.475 ug/ml |
| 19) T Indeno[1,2,3-cd]pyn...       | 17.684 | 2421436    | 18.717 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.709 | 3372288    | 20.335 ug/ml |
| 21) T Benzo[a,h,i]perylene ...     | 17.933 | 2809282    | 19.019 ug/ml |
| -----                              |        |            |              |

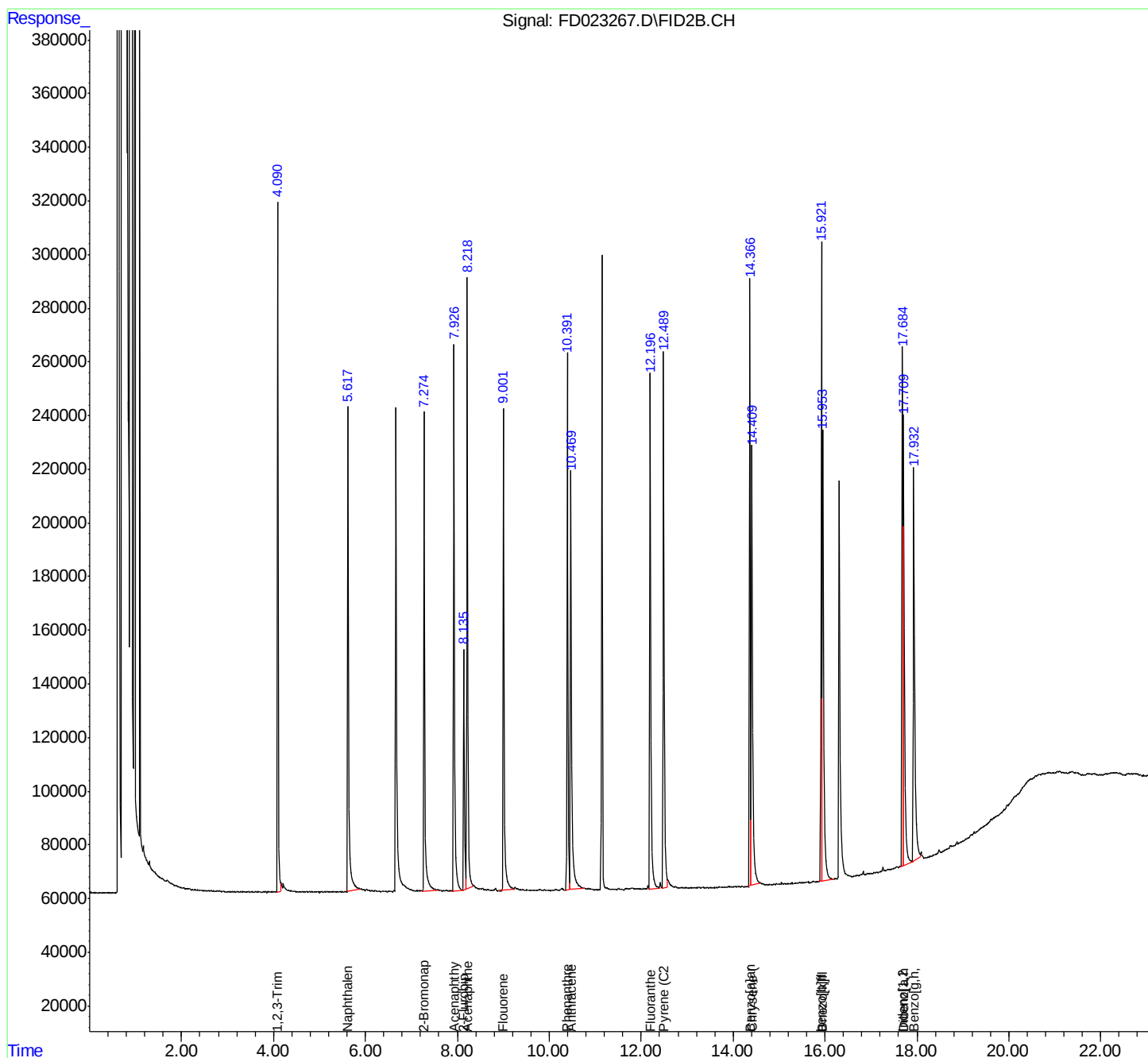
(f)=RT Delta > 1/2 Window

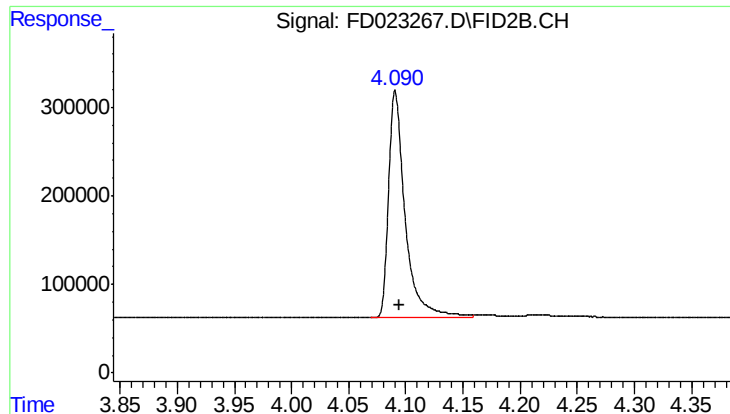
(m)=manual int.

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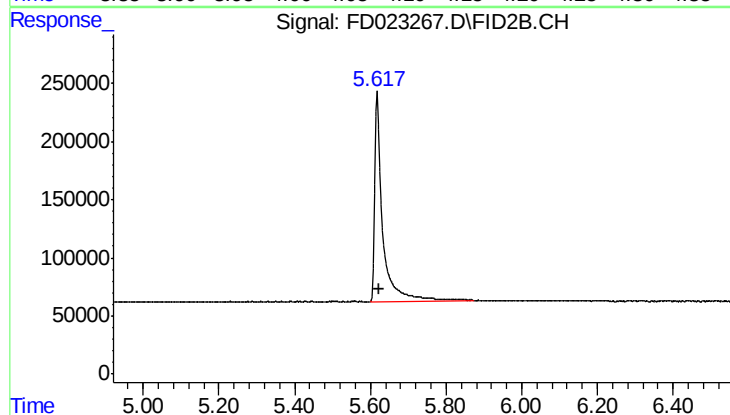
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





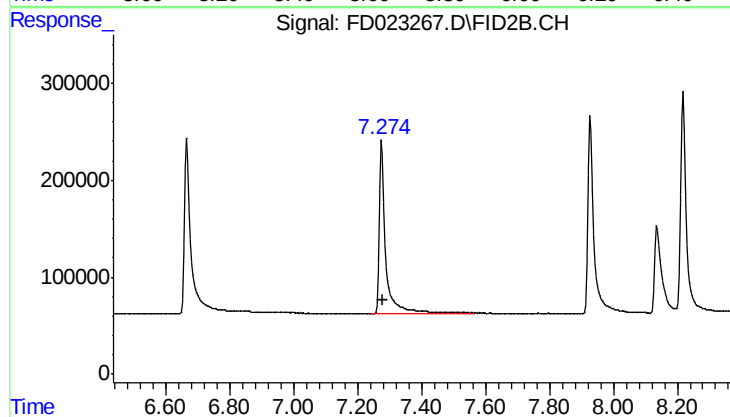
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.091 min  
Delta R.T.: -0.004 min  
Response: 2596810  
Conc: 18.85 ug/ml



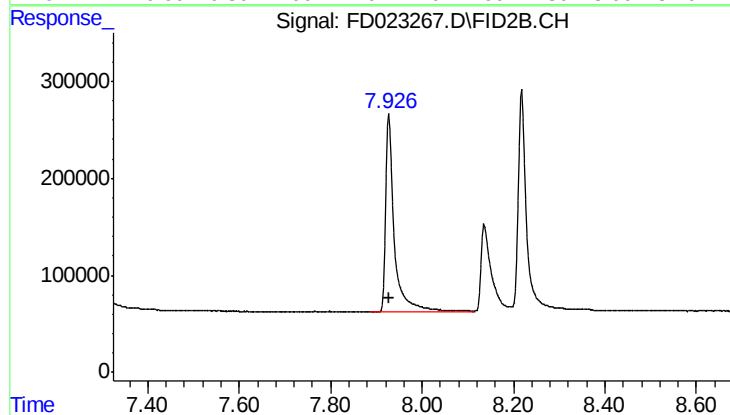
#2 Naphthalene (C11.7)

R.T.: 5.618 min  
Delta R.T.: -0.004 min  
Response: 2584401  
Conc: 19.16 ug/ml



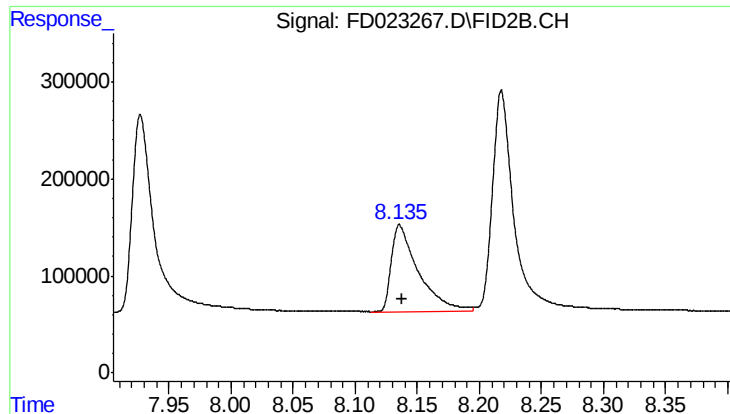
#4 2-Bromonaphthalene (SURR)

R.T.: 7.275 min  
Delta R.T.: -0.003 min  
Response: 2417271  
Conc: 18.15 ug/ml



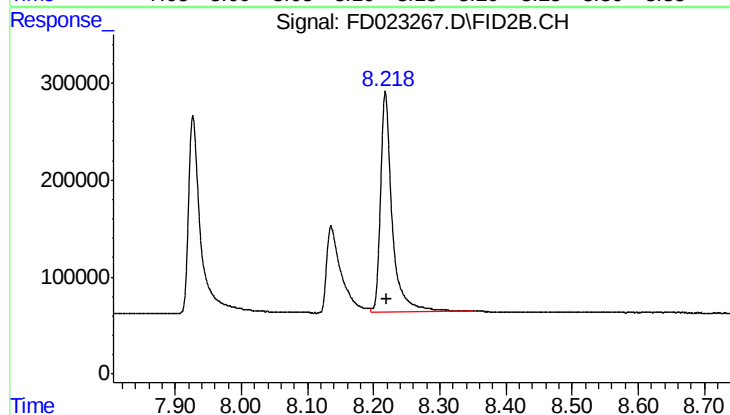
#5 Acenaphthylene (C15.06)

R.T.: 7.927 min  
Delta R.T.: -0.003 min  
Response: 2635096  
Conc: 18.32 ug/ml



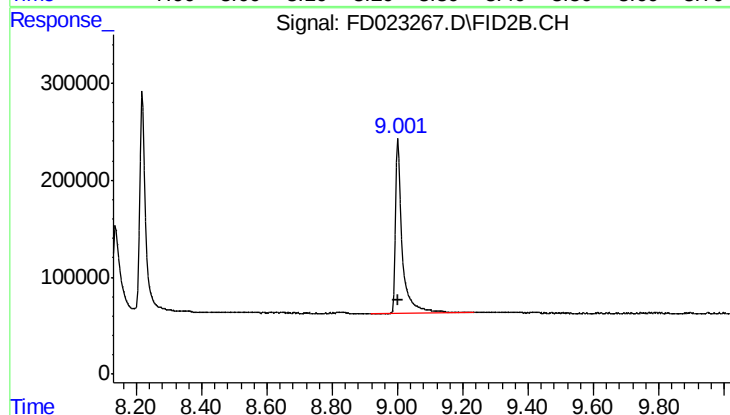
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.136 min  
Delta R.T.: -0.002 min  
Response: 1354850  
Conc: 19.51 ug/ml



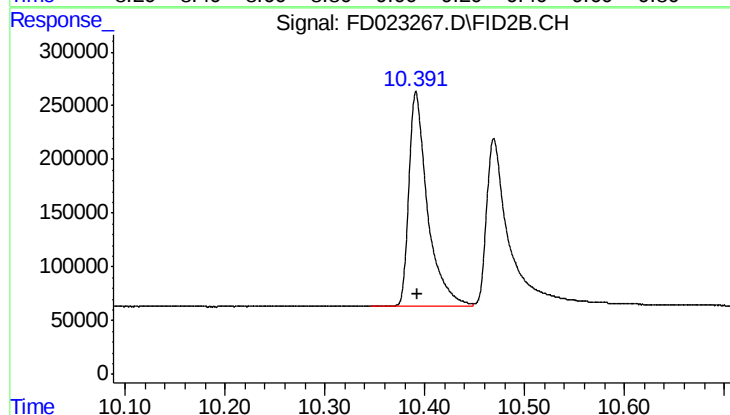
#7 Acenaphthene (C15.5)

R.T.: 8.218 min  
Delta R.T.: -0.003 min  
Response: 2795809  
Conc: 16.78 ug/ml



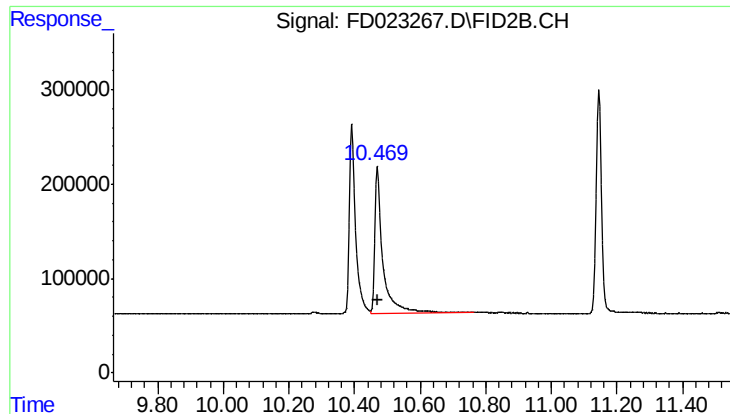
#8 Flouorene (C16.55)

R.T.: 9.001 min  
Delta R.T.: -0.003 min  
Response: 2581939  
Conc: 18.26 ug/ml



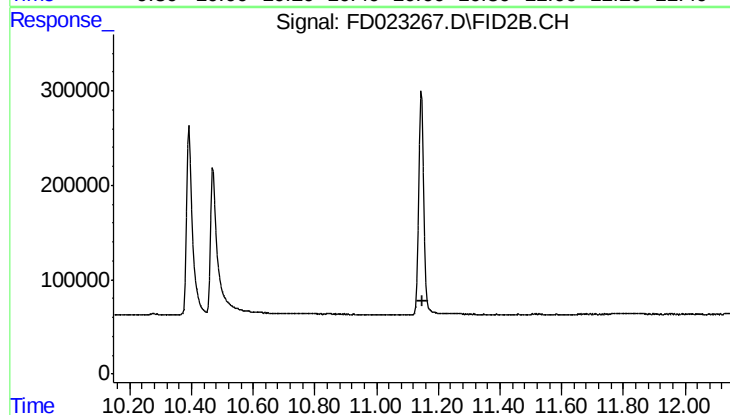
#9 Phenanthrene (C19.36)

R.T.: 10.391 min  
Delta R.T.: 0.000 min  
Response: 2606312  
Conc: 19.69 ug/ml



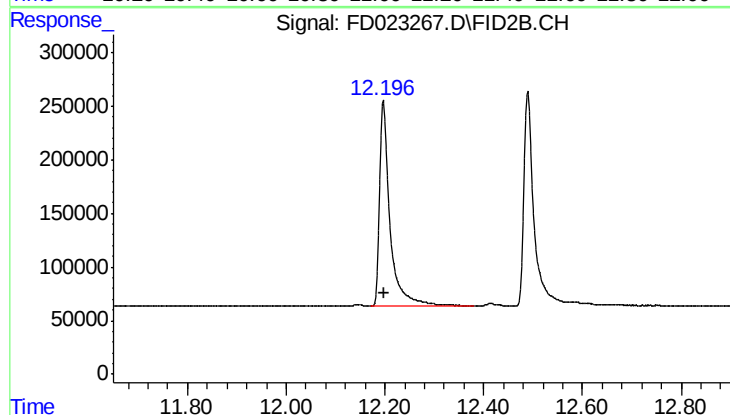
#10 Anthracene (C19.43)

R.T.: 10.469 min  
Delta R.T.: -0.001 min  
Response: 2657716  
Conc: 19.00 ug/ml



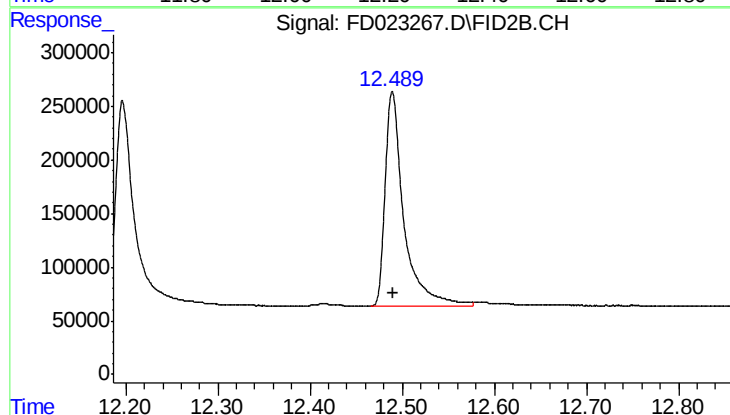
#11 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.147 min  
Response: 0  
Conc: N.D.



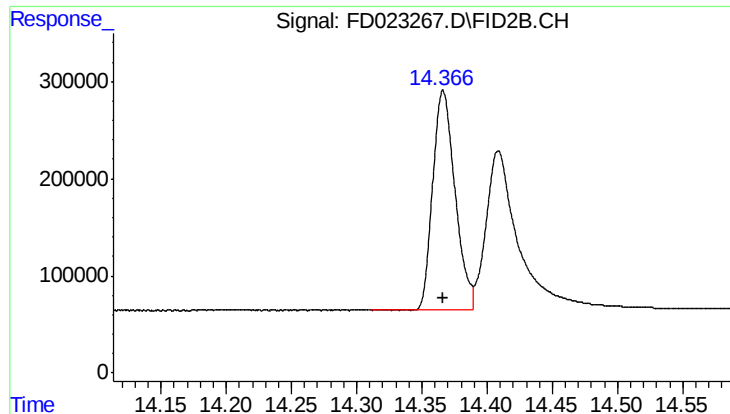
#12 Fluoranthene (C21.85)

R.T.: 12.196 min  
Delta R.T.: -0.002 min  
Response: 2830104  
Conc: 20.37 ug/ml



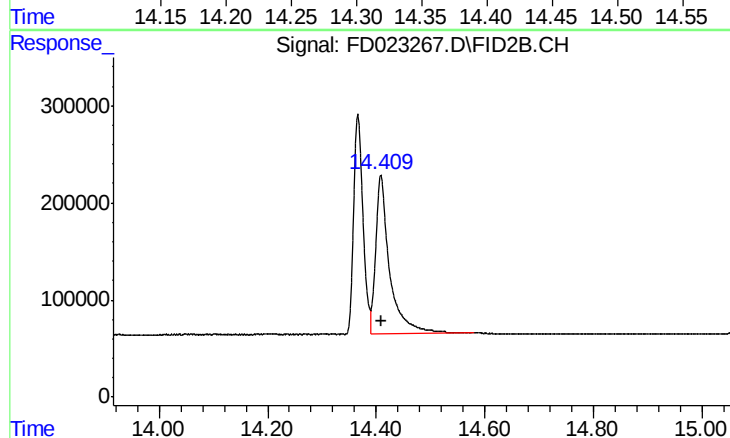
#13 Pyrene (C20.8)

R.T.: 12.489 min  
Delta R.T.: 0.000 min  
Response: 2808347  
Conc: 19.76 ug/ml



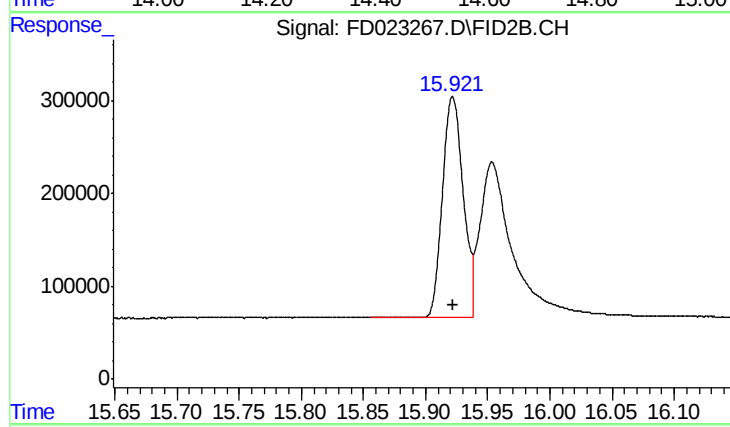
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.366 min  
Delta R.T.: 0.000 min  
Response: 2689705  
Conc: 21.32 ug/ml



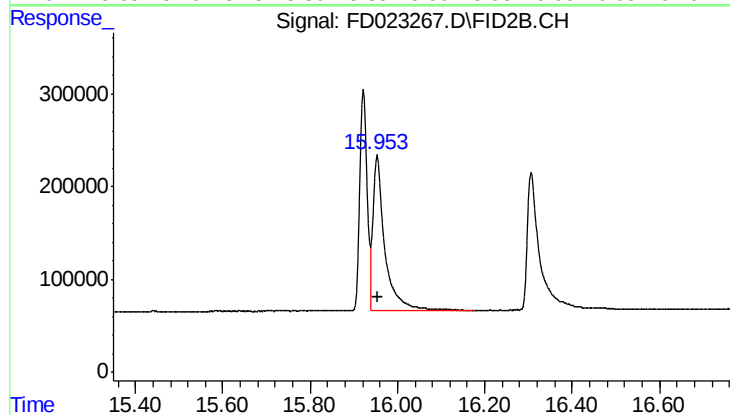
#15 Chrysene (C27.41)

R.T.: 14.409 min  
Delta R.T.: 0.000 min  
Response: 2934221  
Conc: 18.85 ug/ml



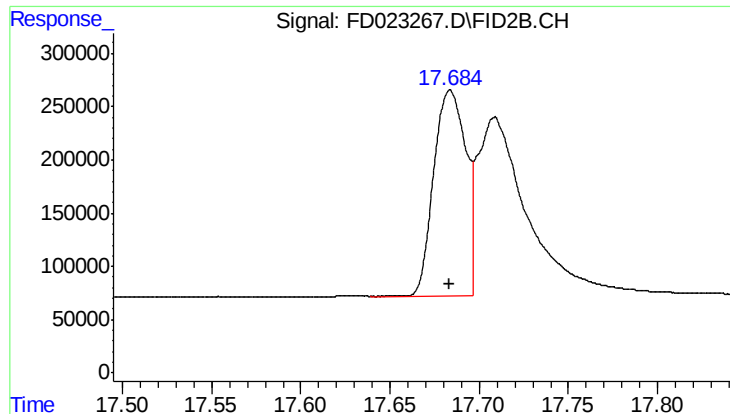
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.922 min  
Delta R.T.: 0.000 min  
Response: 2766977  
Conc: 20.40 ug/ml



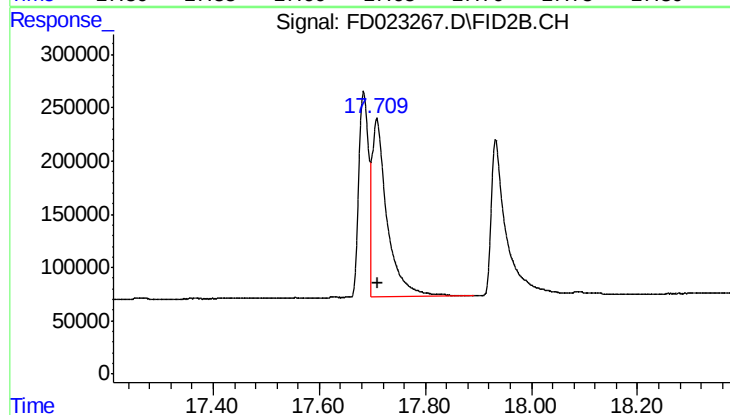
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.954 min  
Delta R.T.: 0.000 min  
Response: 3174687  
Conc: 19.47 ug/ml



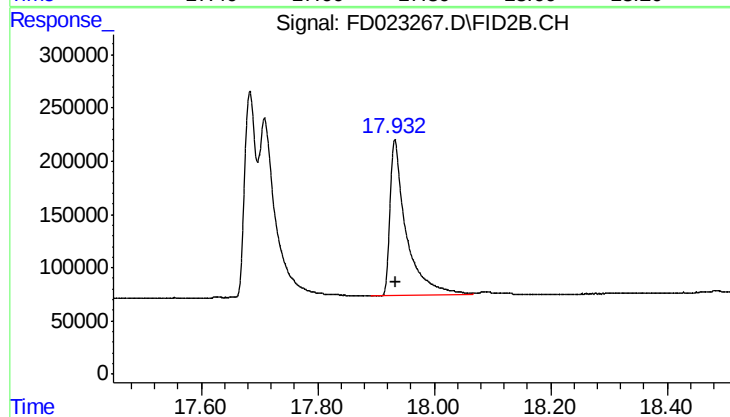
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.684 min  
Delta R.T.: 0.000 min  
Response: 2421436  
Conc: 18.72 ug/ml



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

R.T.: 17.709 min  
Delta R.T.: 0.000 min  
Response: 3372288  
Conc: 20.33 ug/ml



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

R.T.: 17.933 min  
Delta R.T.: -0.001 min  
Response: 2809282  
Conc: 19.02 ug/ml