

Data Path : P:\HPCHEM1\FID D\Data\FD012618\  
 Data File : FD019234.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Jan 2018 19:48  
 Operator : UA/AJ  
 Sample : #5 FUEL OIL STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 27 06:00:39 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 011818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 19 04:27:29 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...      | 7.369   | 387626     | 4.791 ug/ml  |
| Spiked Amount 50.000               |         | Recovery = | 9.58%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.252   | 270391     | 4.943 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 9.89%        |
| 11) S ortho-Terphenyl (SURR)       | 11.240  | 1117160    | 11.292 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 22.58%       |
|                                    |         |            |              |
| Target Compounds                   |         |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.182   | 147229     | 1.663 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.719   | 548975     | 6.147 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.759   | 1966745    | 21.423 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.018   | 1535477    | 16.193 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.356   | 1054723    | 10.812 ug/ml |
| 8) T Fluorene (C16.55)             | 9.111   | 1606578    | 16.906 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.499  | 1626712    | 16.363 ug/ml |
| 10) T Anthracene (C19.43)          | 10.588  | 1152058    | 11.847 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.308  | 1067706    | 10.072 ug/ml |
| 13) T Pyrene (C20.8)               | 12.605  | 692057     | 6.533 ug/ml  |
| 14) T Benzo[alanthracene (C...     | 14.499  | 47858      | 0.457 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.537  | 311418     | 2.881 ug/ml  |
| 16) T benzo[blfluoranthene ...     | 16.030  | 91049      | 0.846 ug/ml  |
| 17) T Bnezo[klfluoranthene ...     | 16.030f | 91049      | 0.804 ug/ml  |
| 18) T Benzo[alpyrene (C31.34)      | 16.453  | 60603      | 0.556 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.796  | 59847      | 0.605 ug/ml  |
| 20) T Dibenz[fa,h]anthracene...    | 17.796  | 59847      | 0.522 ug/ml  |
| -----                              |         |            |              |

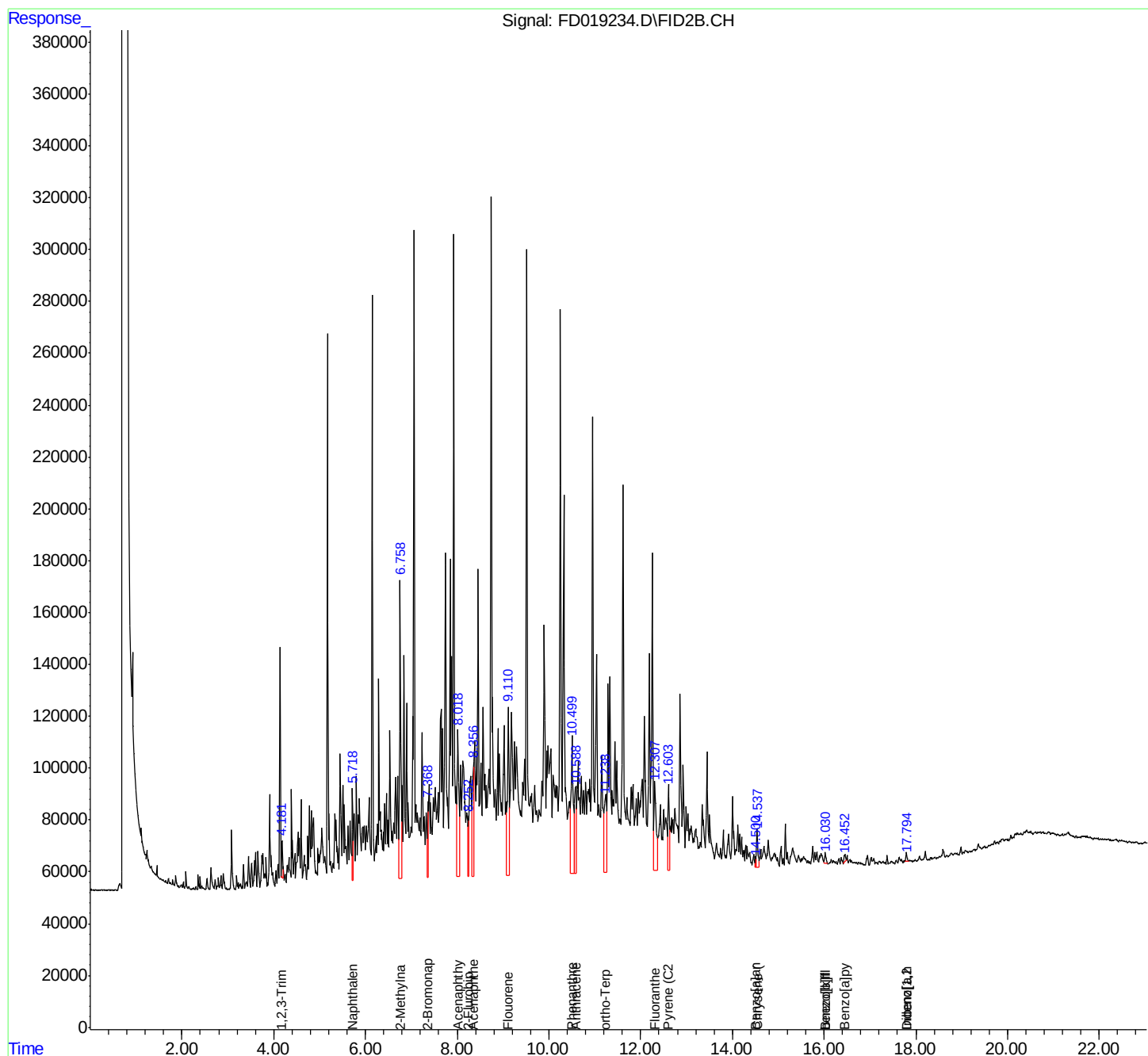
(f)=RT Delta > 1/2 Window

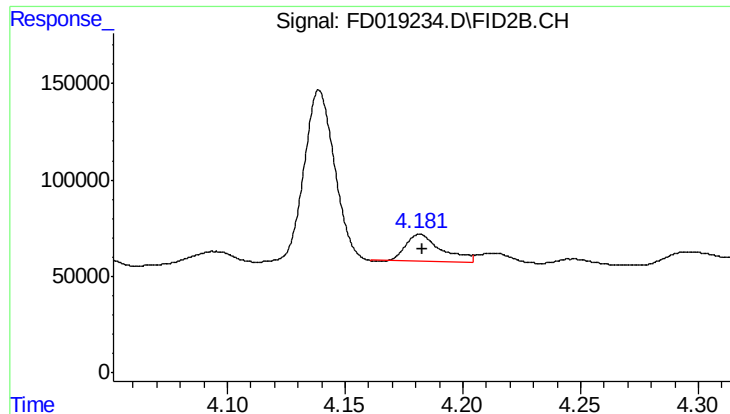
(m)=manual int.

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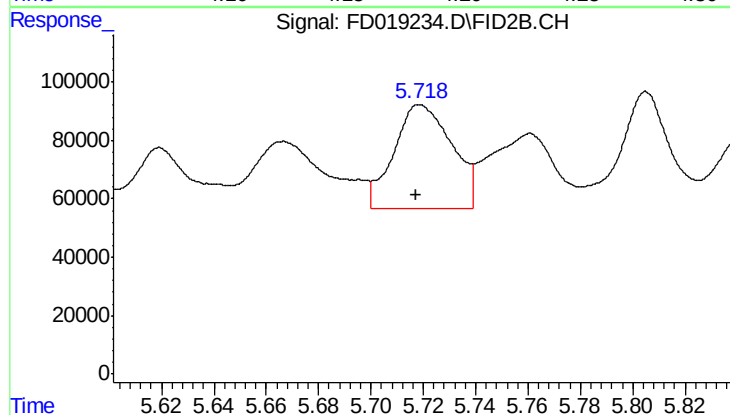
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





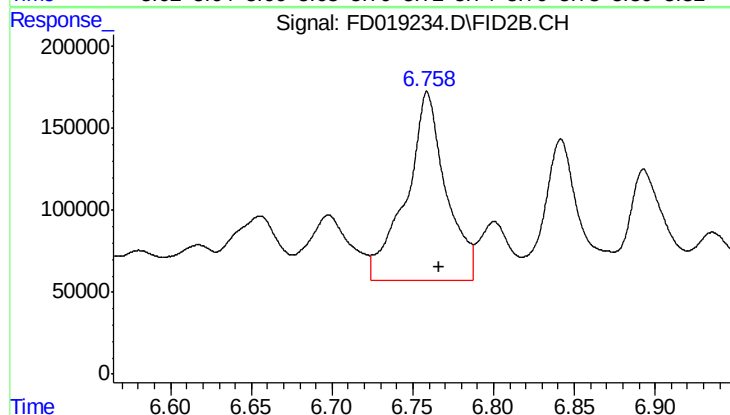
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 147229  
Conc: 1.66 ug/ml



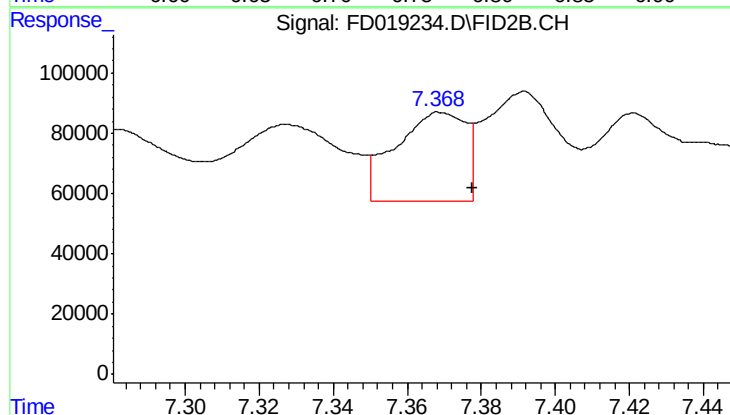
#2 Naphthalene (C11.7)

R.T.: 5.719 min  
Delta R.T.: 0.002 min  
Response: 548975  
Conc: 6.15 ug/ml



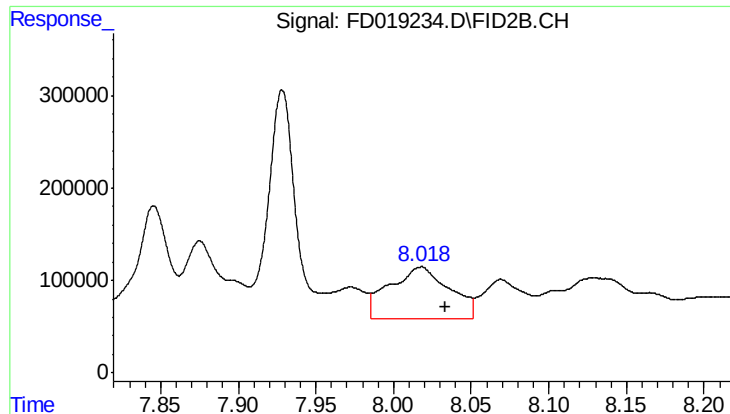
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min  
Delta R.T.: -0.007 min  
Response: 1966745  
Conc: 21.42 ug/ml



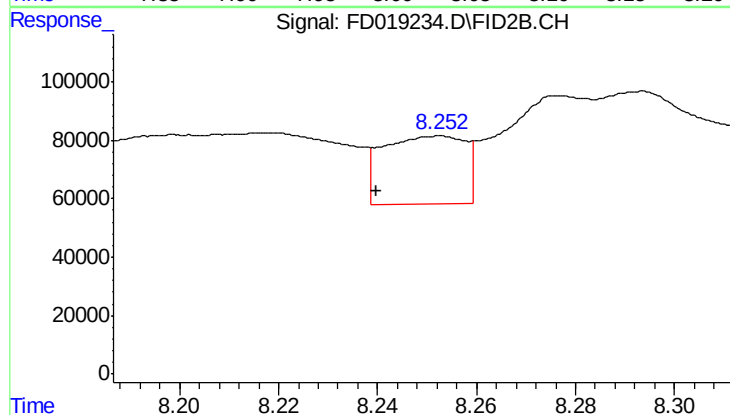
#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min  
Delta R.T.: -0.009 min  
Response: 387626  
Conc: 4.79 ug/ml



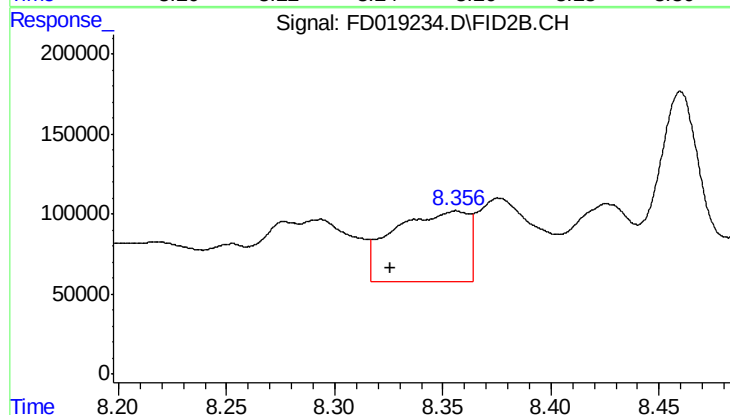
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min  
Delta R.T.: -0.016 min  
Response: 1535477  
Conc: 16.19 ug/ml



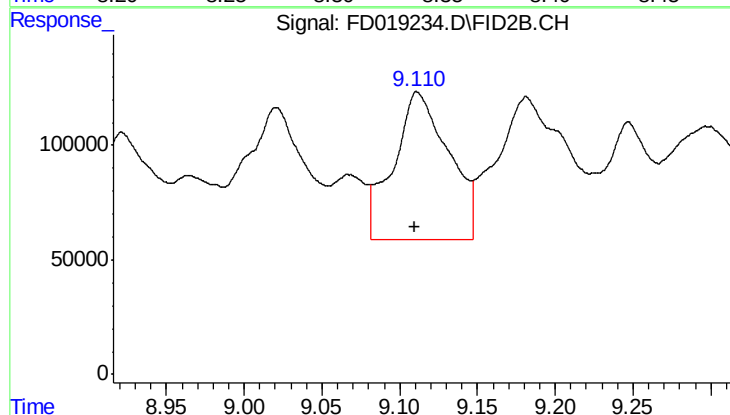
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.252 min  
Delta R.T.: 0.013 min  
Response: 270391  
Conc: 4.94 ug/ml



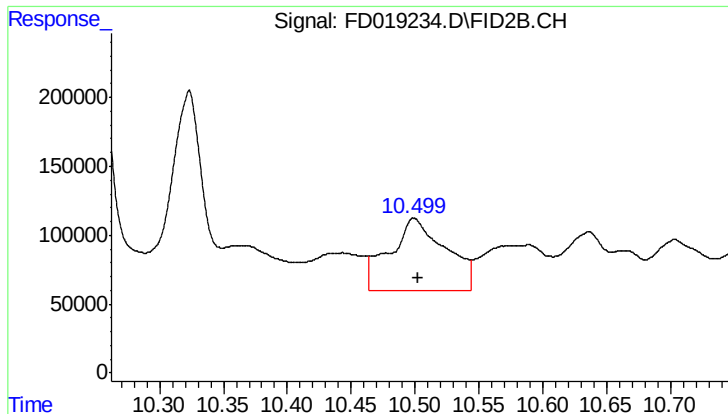
#7 Acenaphthene (C15.5)

R.T.: 8.356 min  
Delta R.T.: 0.030 min  
Response: 1054723  
Conc: 10.81 ug/ml



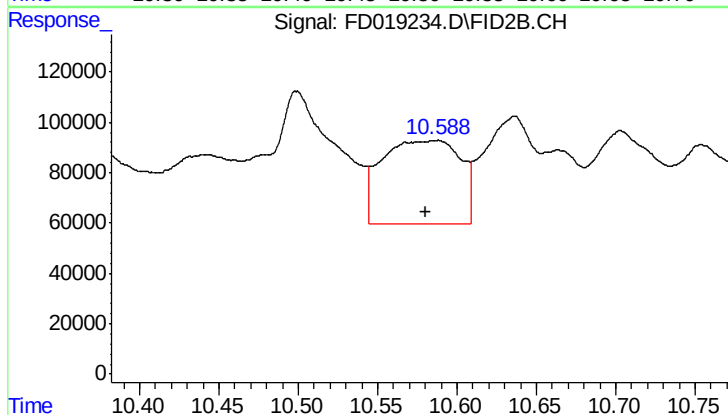
#8 Fluorene (C16.55)

R.T.: 9.111 min  
Delta R.T.: 0.002 min  
Response: 1606578  
Conc: 16.91 ug/ml



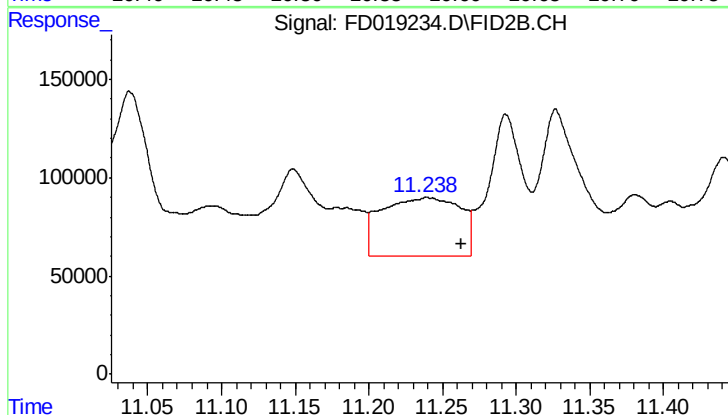
#9 Phenanthrene (C19.36)

R.T.: 10.499 min  
Delta R.T.: -0.004 min  
Response: 1626712  
Conc: 16.36 ug/ml



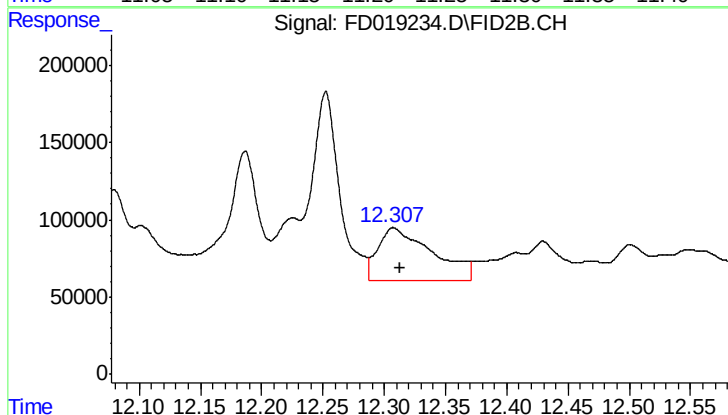
#10 Anthracene (C19.43)

R.T.: 10.588 min  
Delta R.T.: 0.008 min  
Response: 1152058  
Conc: 11.85 ug/ml



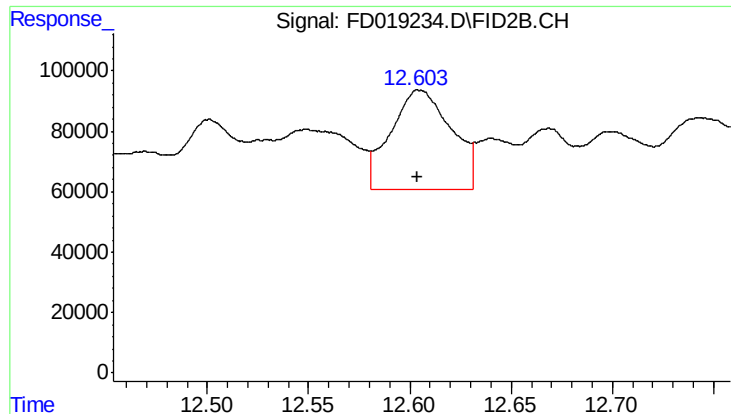
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min  
Delta R.T.: -0.023 min  
Response: 1117160  
Conc: 11.29 ug/ml



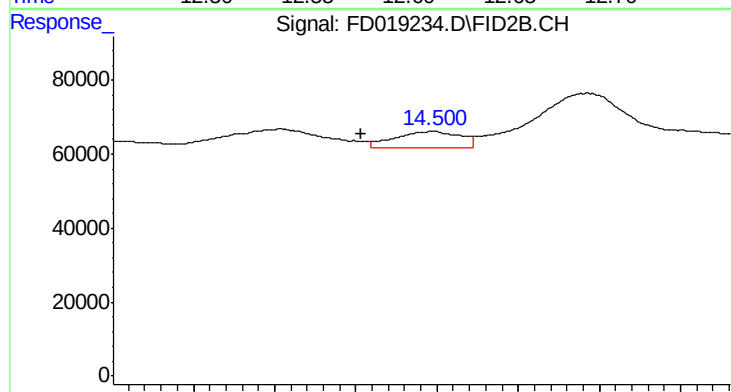
#12 Fluoranthene (C21.85)

R.T.: 12.308 min  
Delta R.T.: -0.005 min  
Response: 1067706  
Conc: 10.07 ug/ml



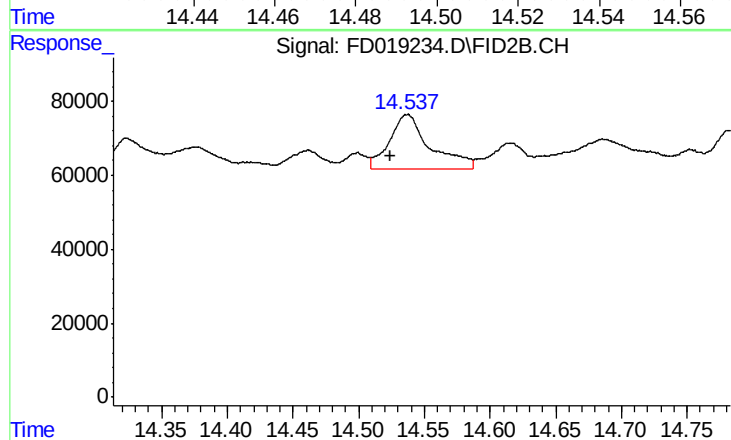
#13 Pyrene (C20.8)

R.T.: 12.605 min  
Delta R.T.: 0.000 min  
Response: 692057  
Conc: 6.53 ug/ml



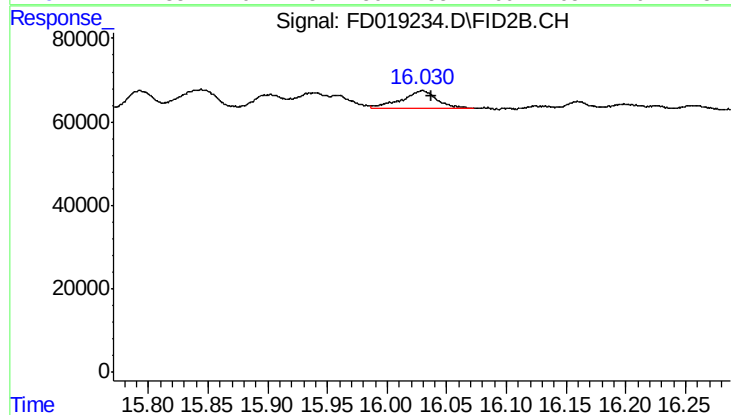
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min  
Delta R.T.: 0.018 min  
Response: 47858  
Conc: 0.46 ug/ml



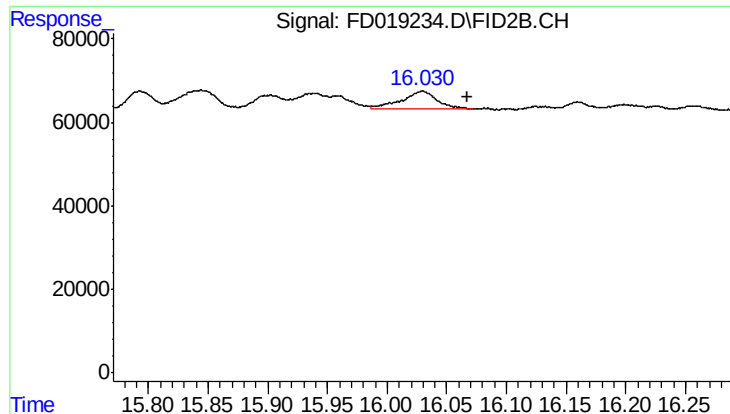
#15 Chrysene (C27.41)

R.T.: 14.537 min  
Delta R.T.: 0.013 min  
Response: 311418  
Conc: 2.88 ug/ml



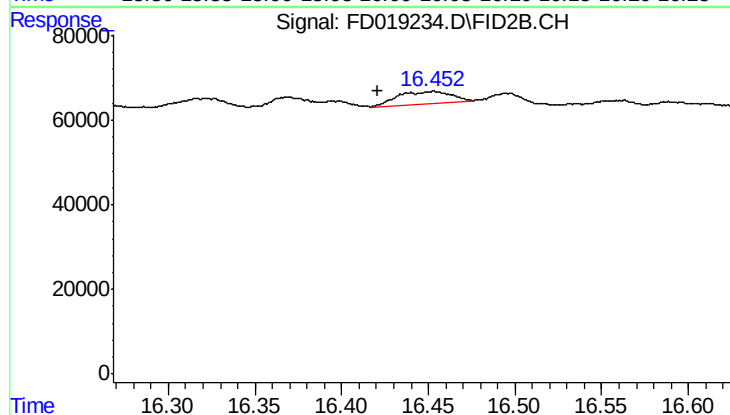
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.030 min  
Delta R.T.: -0.007 min  
Response: 91049  
Conc: 0.85 ug/ml



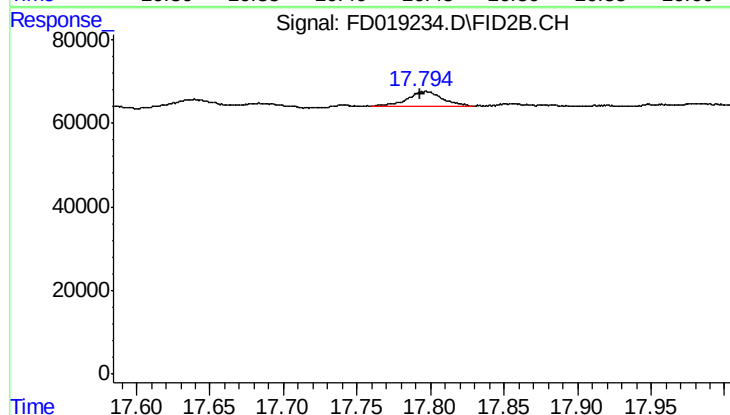
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min  
Delta R.T.: -0.038 min  
Response: 91049  
Conc: 0.80 ug/ml



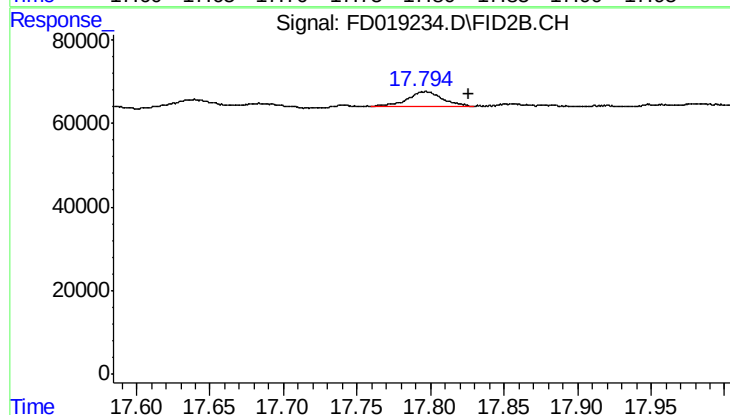
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min  
Delta R.T.: 0.032 min  
Response: 60603  
Conc: 0.56 ug/ml



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

R.T.: 17.796 min  
Delta R.T.: 0.003 min  
Response: 59847  
Conc: 0.60 ug/ml



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

R.T.: 17.796 min  
Delta R.T.: -0.030 min  
Response: 59847  
Conc: 0.52 ug/ml