

Data Path : P:\HPCHEM1\FID D\Data\FD022318AR\  
 Data File : FD020140.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Feb 2018 16:38  
 Operator : UA/AJ  
 Sample : J1634-04DL 5X  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 22:20:31 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...           | 7.347   | 1368346    | 16.333 ug/ml |
| Spiked Amount 50.000                    |         | Recovery = | 32.67%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.210   | 824726     | 16.313 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |         | Recovery = | 32.63%       |
| 11) S ortho-Terphenyl (SURR)            | 11.226  | 1330502    | 14.020 ug/ml |
| Spiked Amount 50.000                    |         | Recovery = | 28.04%       |
|                                         |         |            |              |
| Target Compounds                        |         |            |              |
| 2) T Naphthalene (C11.7)                | 5.728   | 115051     | 1.286 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.751   | 116434     | 1.282 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 7.996   | 583786     | 6.096 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.302   | 459960     | 4.490 ug/ml  |
| 8) T Fluorene (C16.55)                  | 9.089   | 473456     | 5.049 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.482  | 553101     | 5.936 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.557  | 161192     | 1.700 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.302  | 214258     | 2.136 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.593  | 149513     | 1.472 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.497  | 836        | 0.009 ug/ml  |
| 15) T Chrysene (C27.41)                 | 14.497  | 836        | 0.008 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.465f | 25500      | 0.243 ug/ml  |
| -----                                   |         |            |              |

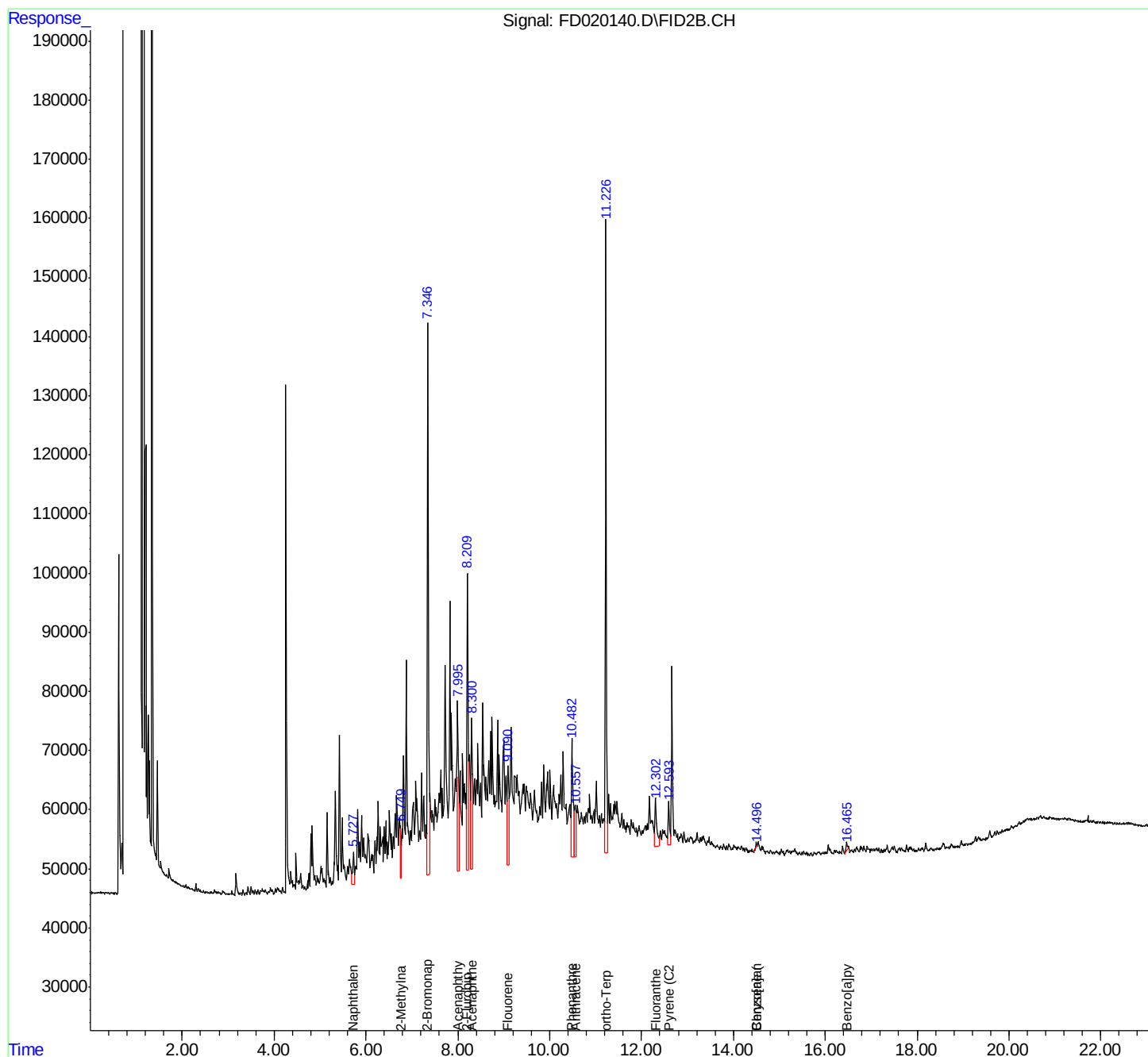
(f)=RT Delta > 1/2 Window

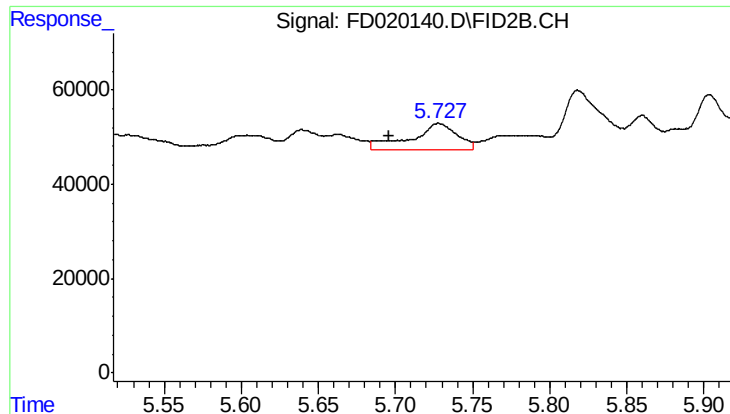
(m)=manual int.

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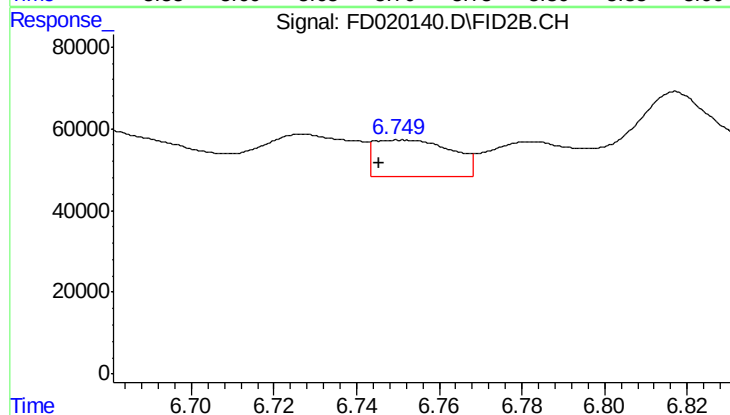
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





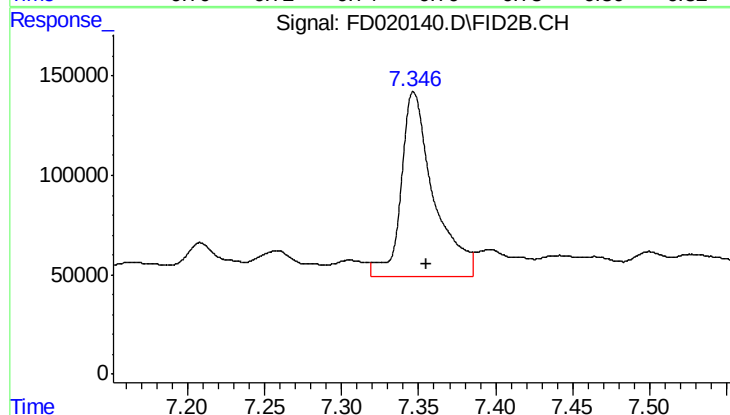
#2 Naphthalene (C11.7)

R.T.: 5.728 min  
Delta R.T.: 0.032 min  
Response: 115051  
Conc: 1.29 ug/ml



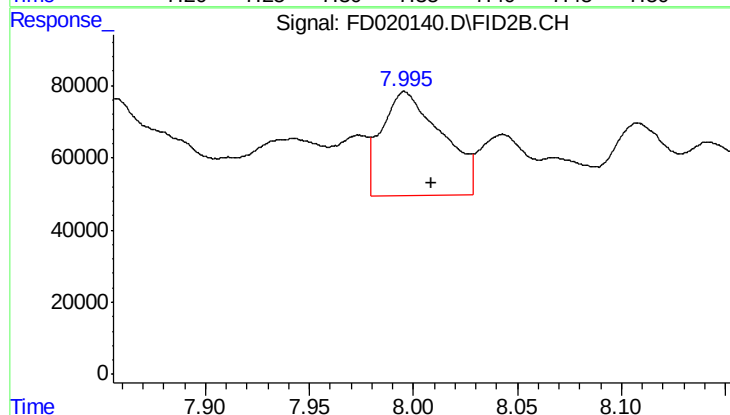
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min  
Delta R.T.: 0.006 min  
Response: 116434  
Conc: 1.28 ug/ml



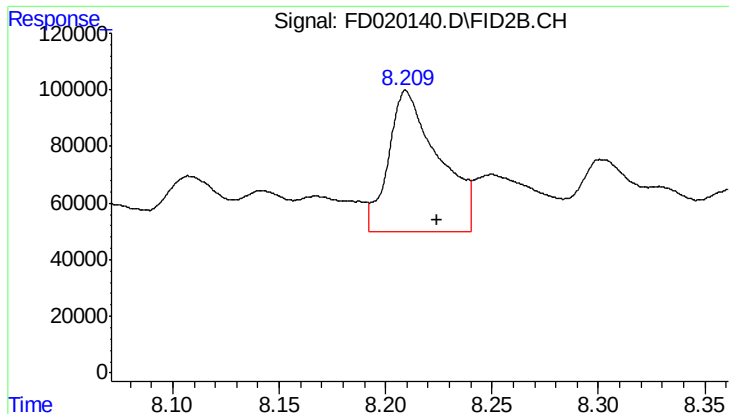
#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min  
Delta R.T.: -0.008 min  
Response: 1368346  
Conc: 16.33 ug/ml



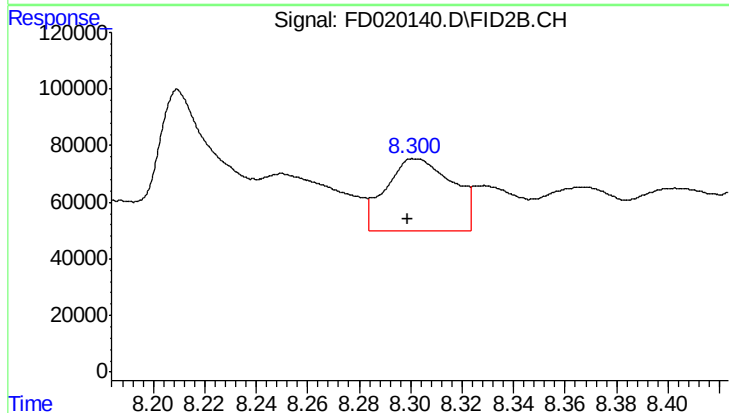
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min  
Delta R.T.: -0.013 min  
Response: 583786  
Conc: 6.10 ug/ml



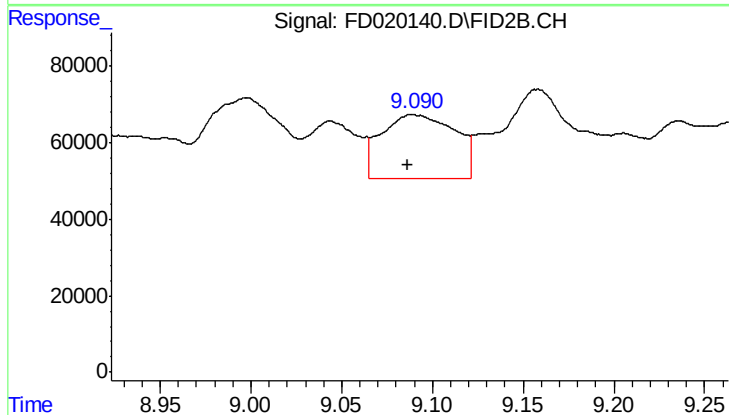
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min  
Delta R.T.: -0.015 min  
Response: 824726  
Conc: 16.31 ug/ml



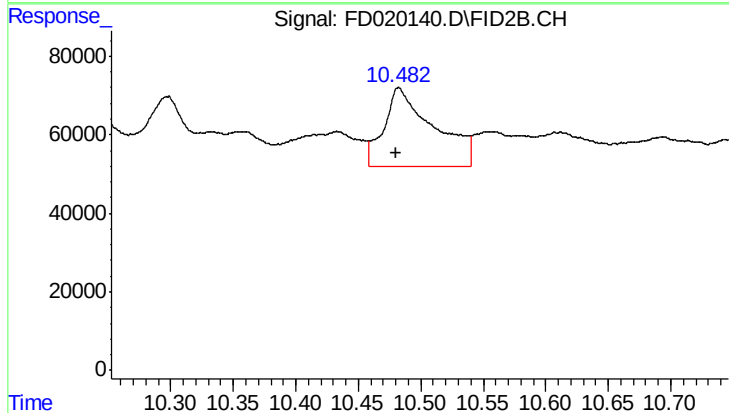
#7 Acenaphthene (C15.5)

R.T.: 8.302 min  
Delta R.T.: 0.003 min  
Response: 459960  
Conc: 4.49 ug/ml



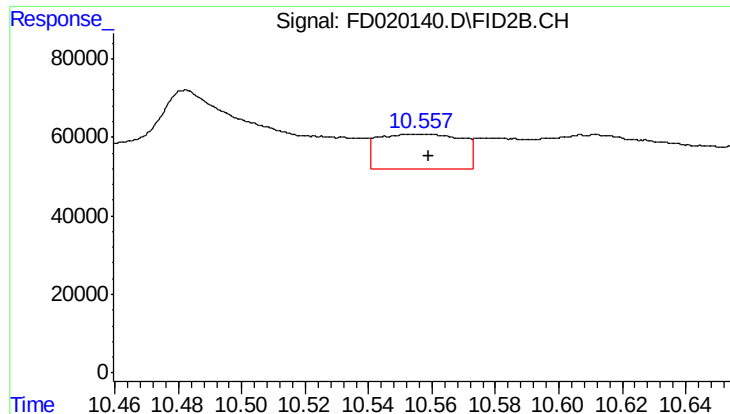
#8 Flouorene (C16.55)

R.T.: 9.089 min  
Delta R.T.: 0.002 min  
Response: 473456  
Conc: 5.05 ug/ml



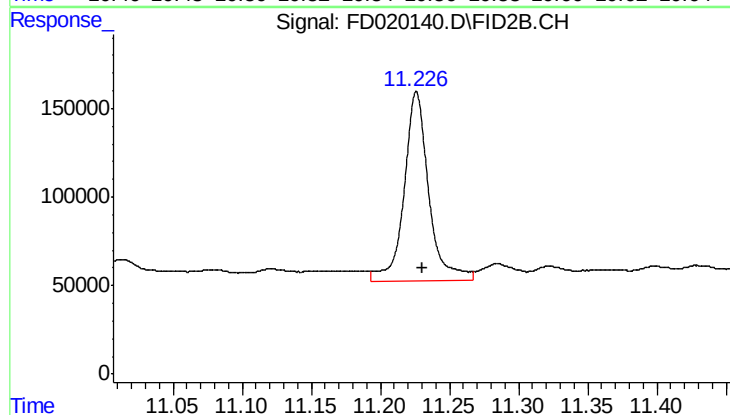
#9 Phenanthrene (C19.36)

R.T.: 10.482 min  
Delta R.T.: 0.002 min  
Response: 553101  
Conc: 5.94 ug/ml



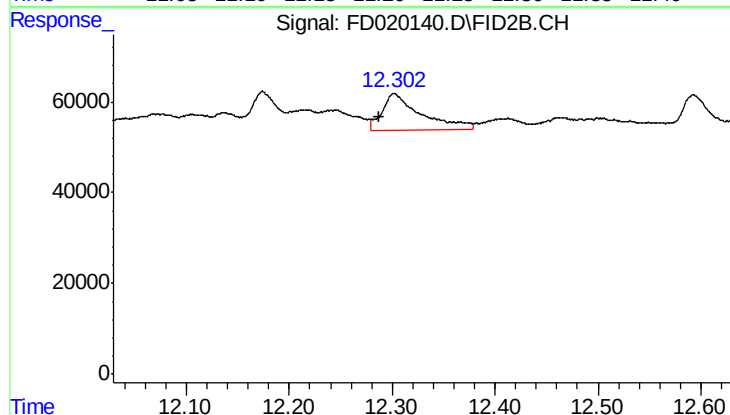
#10 Anthracene (C19.43)

R.T.: 10.557 min  
Delta R.T.: -0.002 min  
Response: 161192  
Conc: 1.70 ug/ml



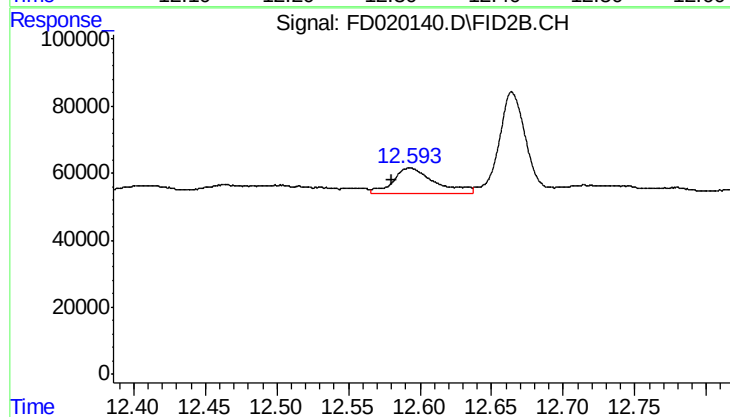
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min  
Delta R.T.: -0.004 min  
Response: 1330502  
Conc: 14.02 ug/ml



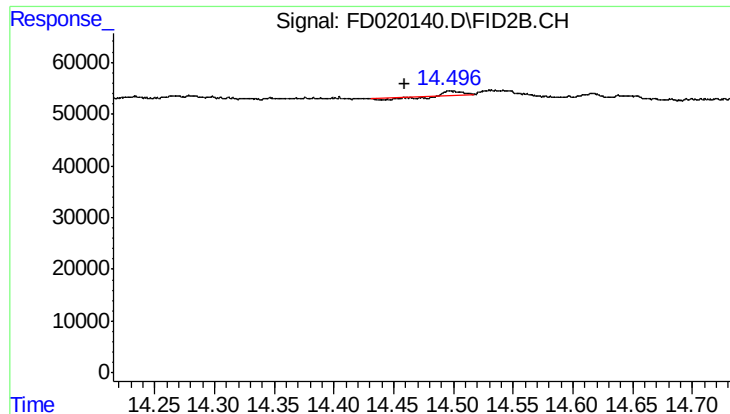
#12 Fluoranthene (C21.85)

R.T.: 12.302 min  
Delta R.T.: 0.014 min  
Response: 214258  
Conc: 2.14 ug/ml



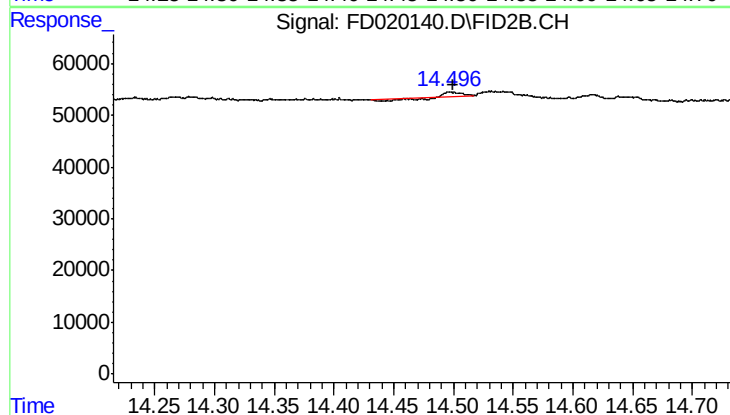
#13 Pyrene (C20.8)

R.T.: 12.593 min  
Delta R.T.: 0.013 min  
Response: 149513  
Conc: 1.47 ug/ml



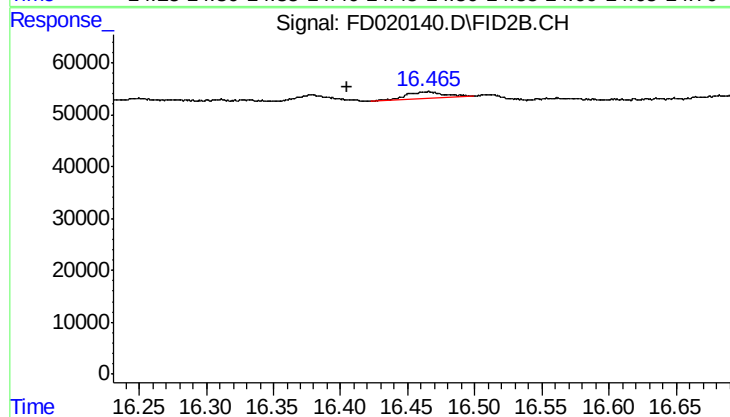
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.497 min  
Delta R.T.: 0.038 min  
Response: 836  
Conc: 0.01 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.497 min  
Delta R.T.: -0.003 min  
Response: 836  
Conc: 0.01 ug/ml



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

R.T.: 16.465 min  
Delta R.T.: 0.060 min  
Response: 25500  
Conc: 0.24 ug/ml