

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071218AR\  
 Data File : FD025015.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Jul 2018 15:34  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jul 13 16:05:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 09:02:19 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...      | 7.473  | 1853342    | 20.260 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.52%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.329  | 1211923    | 19.109 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.22%        |
| 11) S ortho-Terphenyl (SURR)       | 11.378 | 1927438    | 19.206 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.41%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.269  | 2214816    | 23.831 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.807  | 2232911    | 22.005 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.860  | 2112103    | 20.773 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.132  | 1924452    | 19.274 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.428  | 2001688    | 19.162 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.208  | 1953419    | 18.696 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.602 | 1982854    | 19.285 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.676 | 1959737    | 19.222 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.413 | 2133112    | 21.393 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.708 | 2154556    | 21.667 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.581 | 2161230    | 23.021 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.623 | 2182919    | 23.075 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.129 | 2195075    | 21.227 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.162 | 2272473    | 21.535 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.506 | 2186061    | 21.036 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.872 | 2112261    | 19.817 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.912 | 2171635    | 20.763 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.124 | 2112181    | 19.886 ug/ml  |
| -----                              |        |            |               |

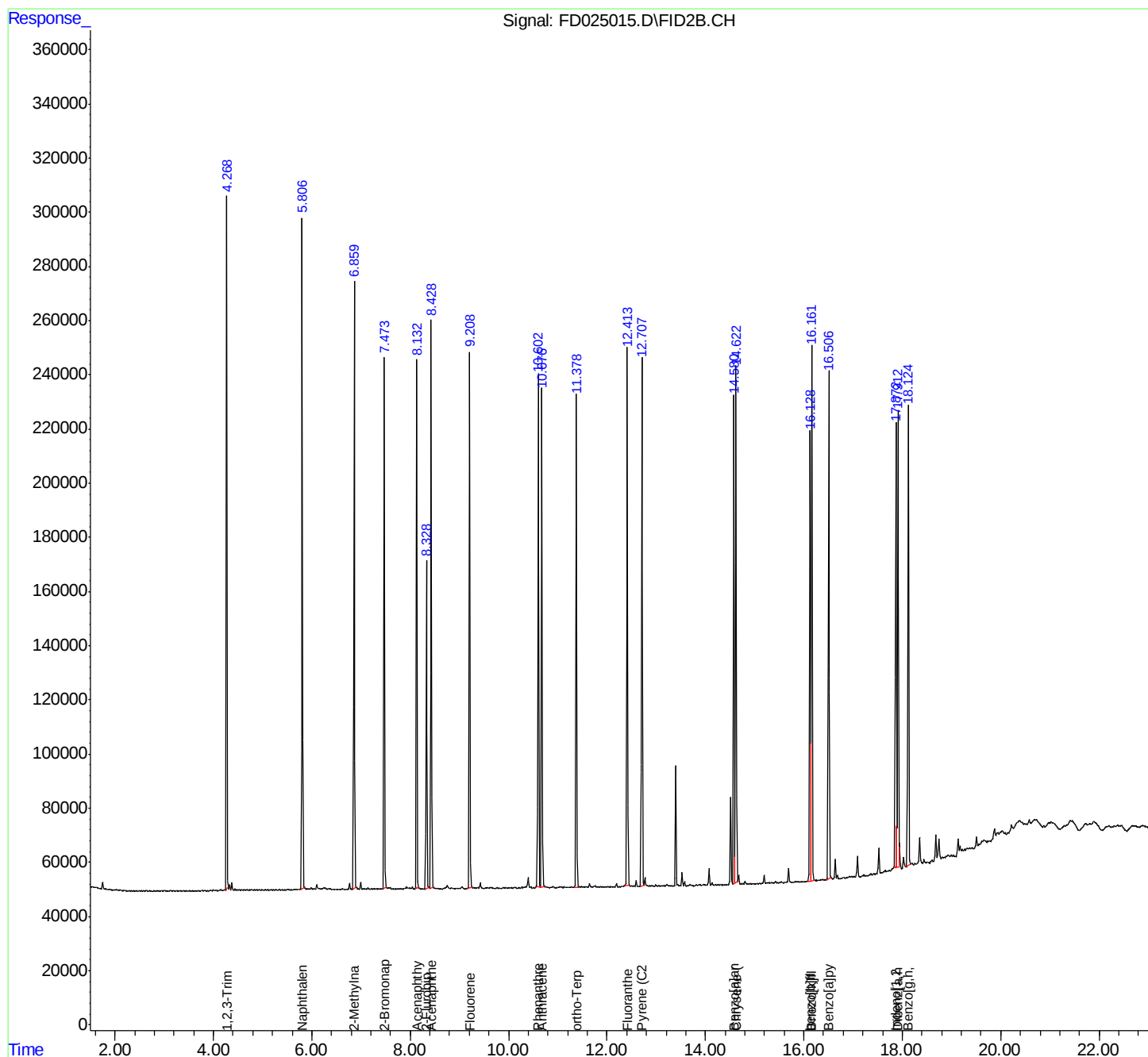
(f)=RT Delta > 1/2 Window

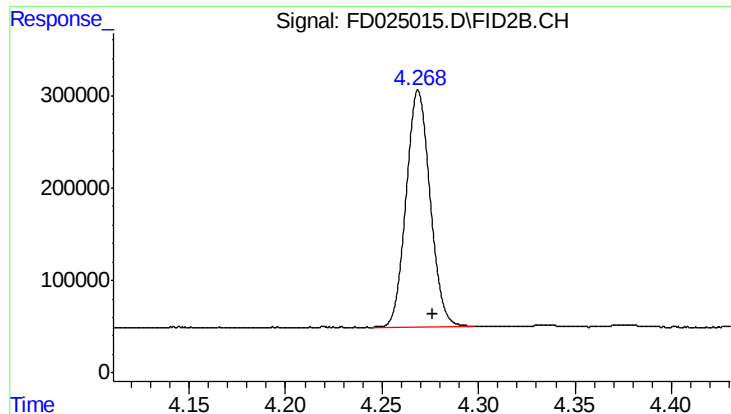
(m)=manual int.

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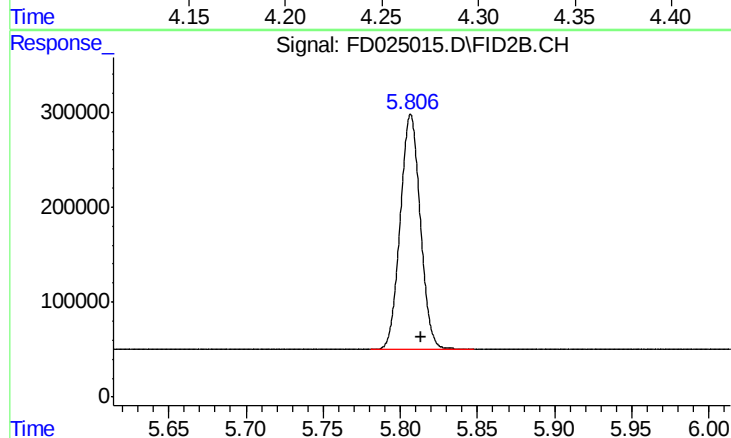
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





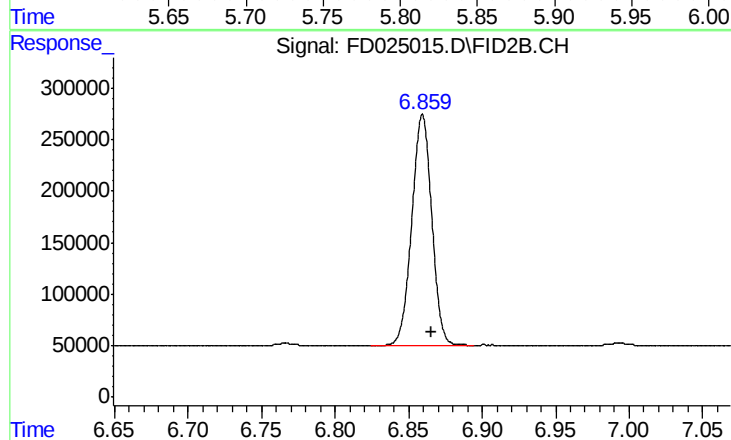
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min  
Delta R.T.: -0.007 min  
Response: 2214816  
Conc: 23.83 ug/ml



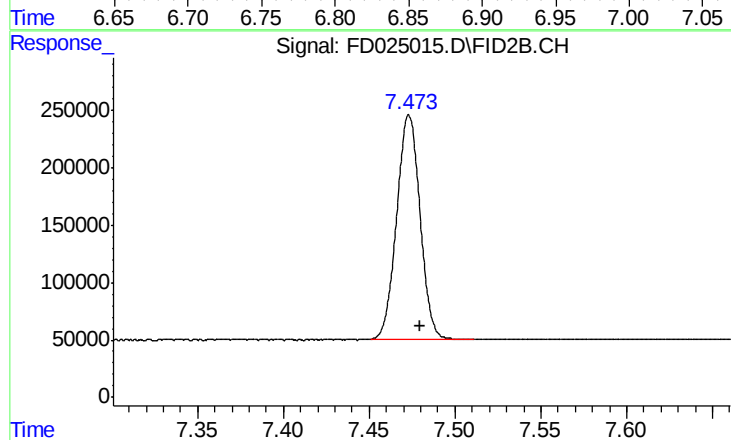
#2 Naphthalene (C11.7)

R.T.: 5.807 min  
Delta R.T.: -0.006 min  
Response: 2232911  
Conc: 22.01 ug/ml



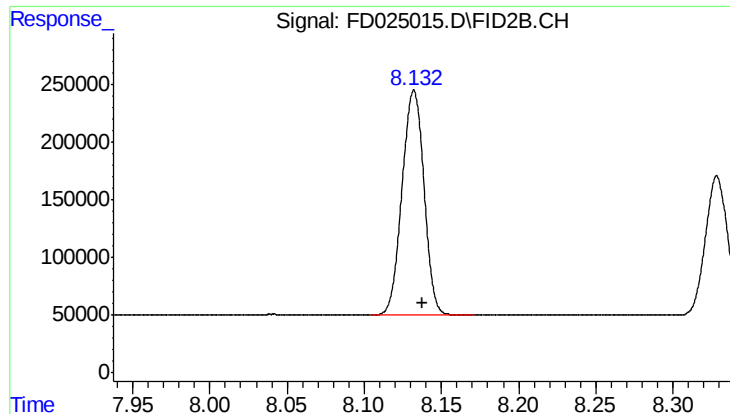
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min  
Delta R.T.: -0.006 min  
Response: 2112103  
Conc: 20.77 ug/ml



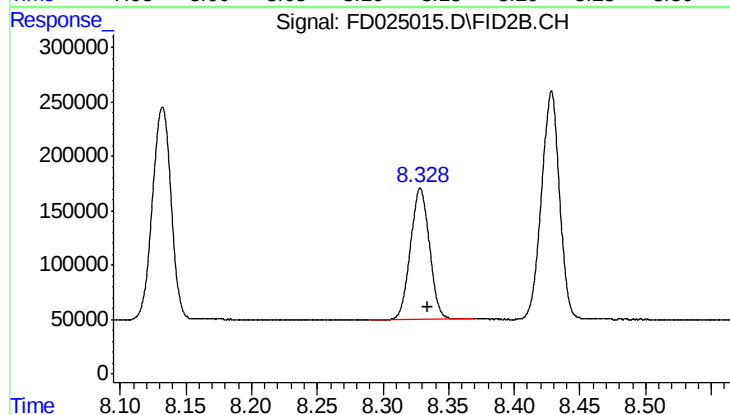
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min  
Delta R.T.: -0.006 min  
Response: 1853342  
Conc: 20.26 ug/ml



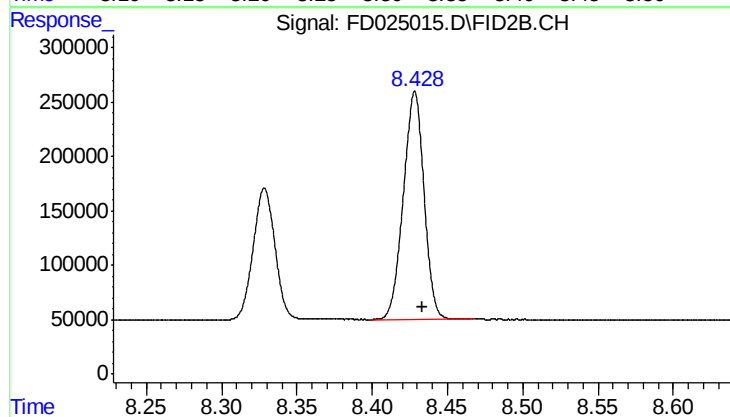
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min  
Delta R.T.: -0.005 min  
Response: 1924452  
Conc: 19.27 ug/ml



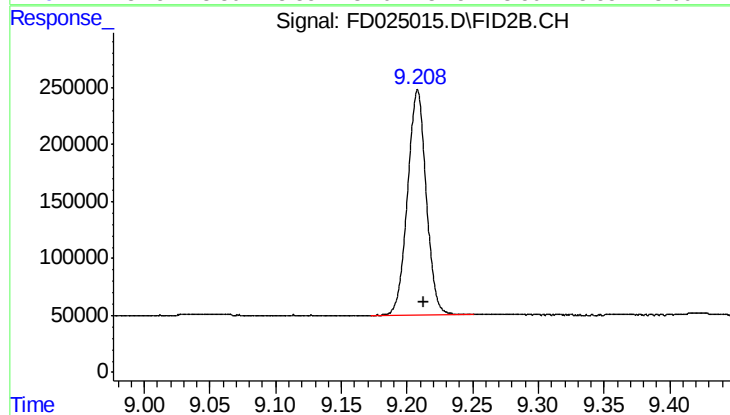
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min  
Delta R.T.: -0.005 min  
Response: 1211923  
Conc: 19.11 ug/ml



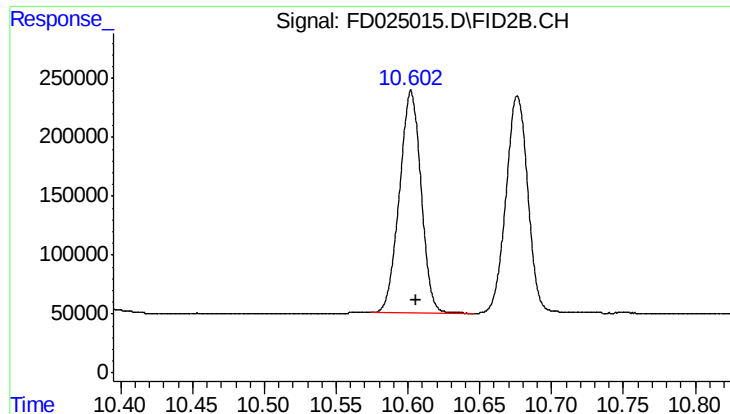
#7 Acenaphthene (C15.5)

R.T.: 8.428 min  
Delta R.T.: -0.005 min  
Response: 2001688  
Conc: 19.16 ug/ml



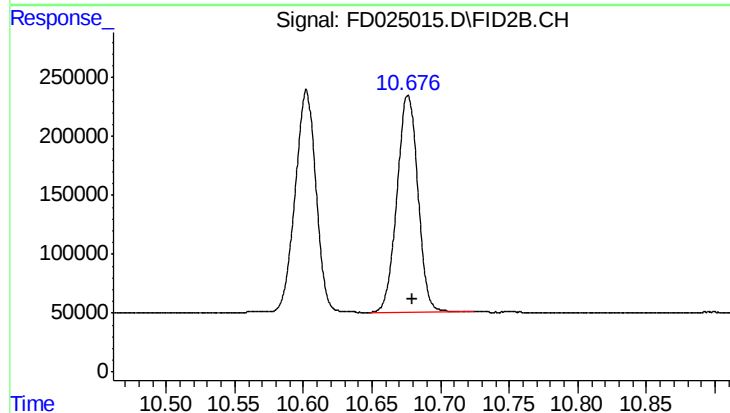
#8 Fluorene (C16.55)

R.T.: 9.208 min  
Delta R.T.: -0.005 min  
Response: 1953419  
Conc: 18.70 ug/ml



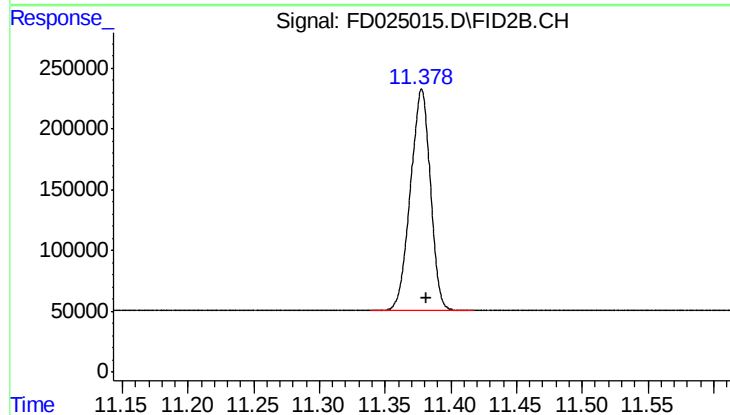
#9 Phenanthrene (C19.36)

R.T.: 10.602 min  
Delta R.T.: -0.003 min  
Response: 1982854  
Conc: 19.29 ug/ml



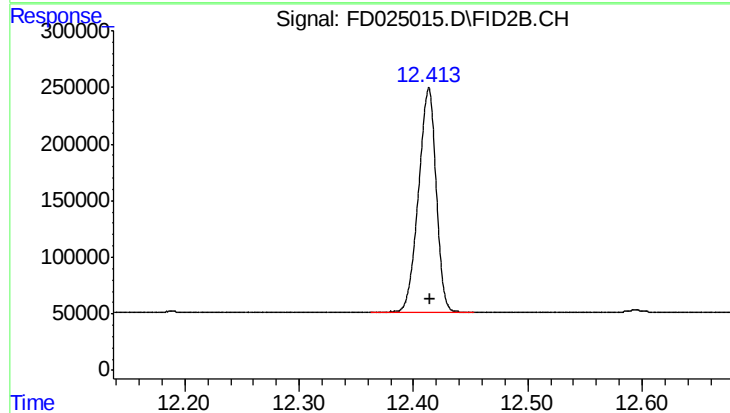
#10 Anthracene (C19.43)

R.T.: 10.676 min  
Delta R.T.: -0.003 min  
Response: 1959737  
Conc: 19.22 ug/ml



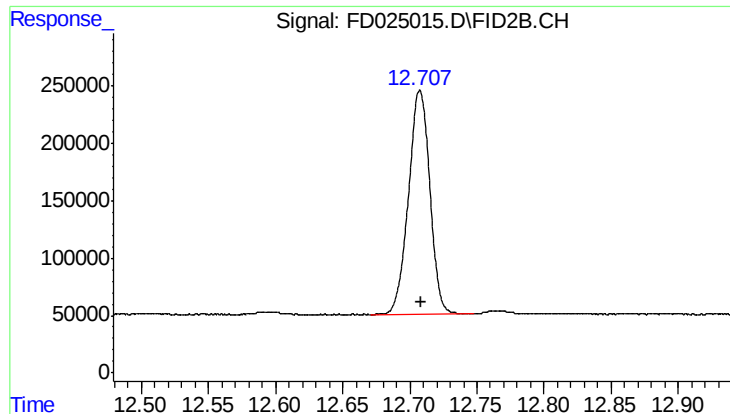
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min  
Delta R.T.: -0.004 min  
Response: 1927438  
Conc: 19.21 ug/ml



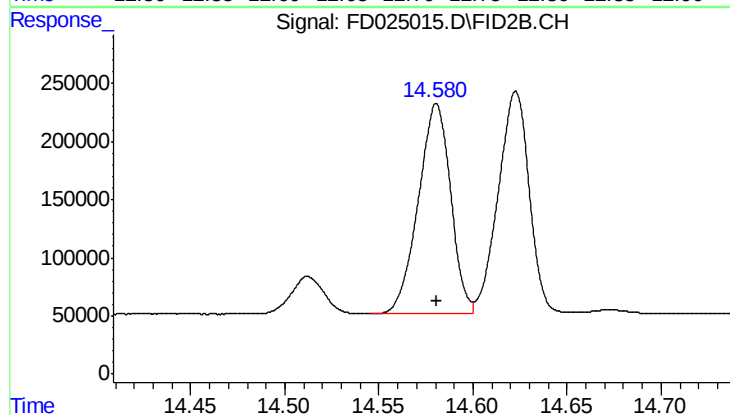
#12 Fluoranthene (C21.85)

R.T.: 12.413 min  
Delta R.T.: 0.000 min  
Response: 2133112  
Conc: 21.39 ug/ml



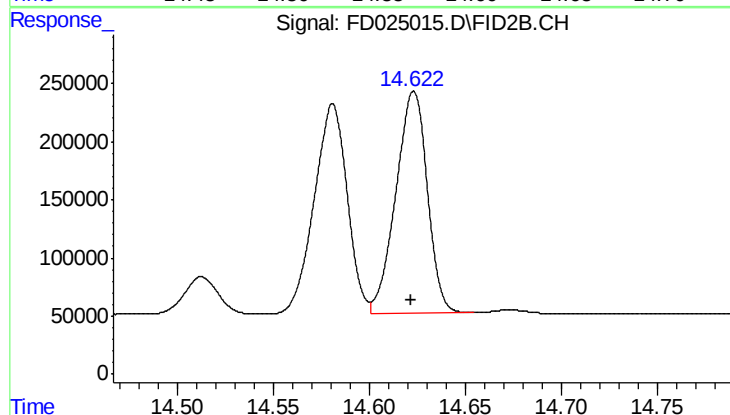
#13 Pyrene (C20.8)

R.T.: 12.708 min  
Delta R.T.: -0.001 min  
Response: 2154556  
Conc: 21.67 ug/ml



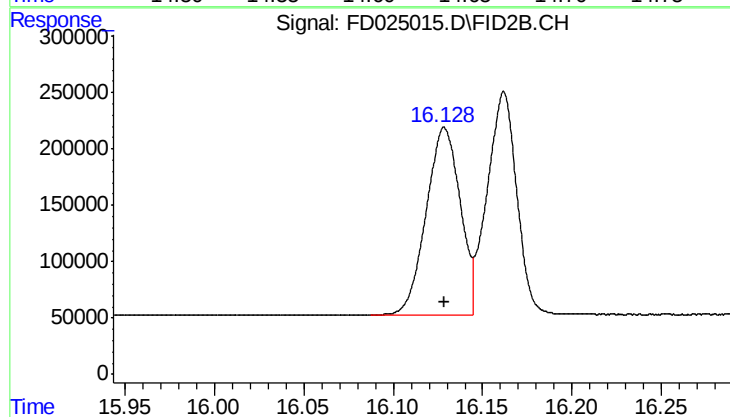
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min  
Delta R.T.: 0.000 min  
Response: 2161230  
Conc: 23.02 ug/ml



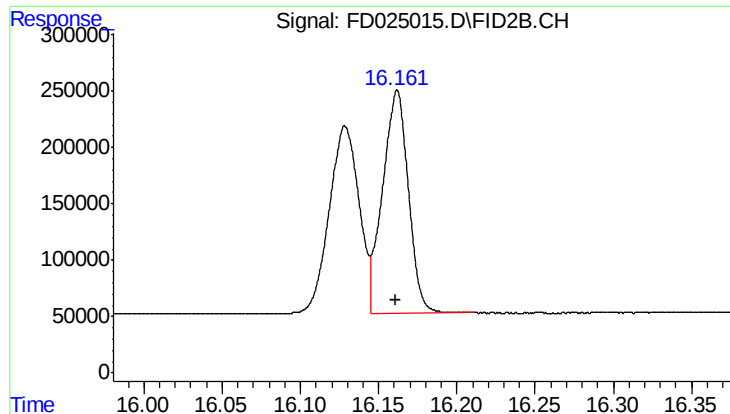
#15 Chrysene (C27.41)

R.T.: 14.623 min  
Delta R.T.: 0.002 min  
Response: 2182919  
Conc: 23.07 ug/ml



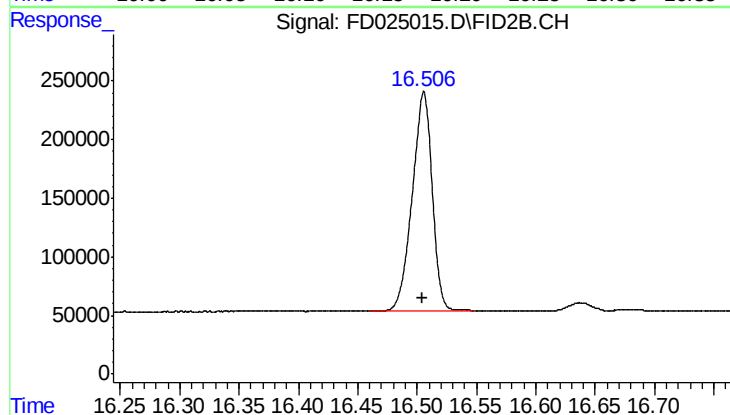
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.129 min  
Delta R.T.: 0.000 min  
Response: 2195075  
Conc: 21.23 ug/ml



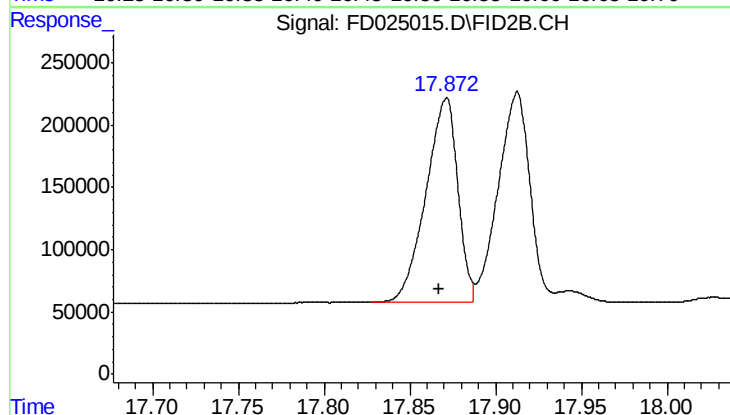
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.162 min  
Delta R.T.: 0.001 min  
Response: 2272473  
Conc: 21.54 ug/ml



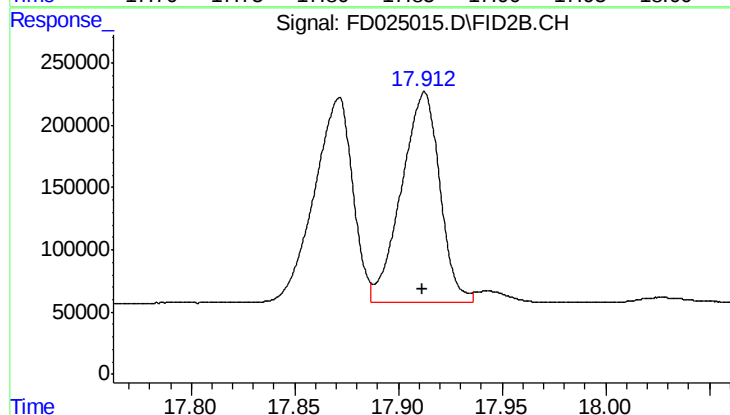
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min  
Delta R.T.: 0.001 min  
Response: 2186061  
Conc: 21.04 ug/ml



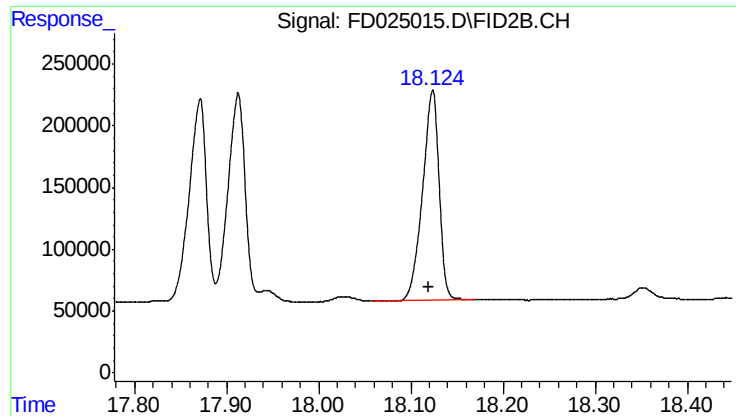
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.872 min  
Delta R.T.: 0.005 min  
Response: 2112261  
Conc: 19.82 ug/ml m



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

R.T.: 17.912 min  
Delta R.T.: 0.000 min  
Response: 2171635  
Conc: 20.76 ug/ml m



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

R.T.: 18.124 min  
Delta R.T.: 0.005 min  
Response: 2112181  
Conc: 19.89 ug/ml