

Data Path : P:\HPCHEM1\FID\_D\Data\FD012418AR\  
 Data File : FD019211.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Jan 2018 1:54  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 25 07:28:01 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...      | 7.368  | 1592733    | 19.684 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.37%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.227  | 1054261    | 19.275 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.55%       |
| 11) S ortho-Terphenyl (SURR)       | 11.254 | 1915496    | 19.362 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.72%       |
|                                    |        |            |              |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.175  | 1619703    | 18.296 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.707  | 1695456    | 18.983 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.757  | 1755165    | 19.118 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.024  | 1844430    | 19.452 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.316  | 1910442    | 19.584 ug/ml |
| 8) T Flouorene (C16.55)            | 9.099  | 1847991    | 19.446 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.491 | 1946695    | 19.581 ug/ml |
| 10) T Anthracene (C19.43)          | 10.568 | 1915975    | 19.703 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.301 | 2067238    | 19.500 ug/ml |
| 13) T Pyrene (C20.8)               | 12.595 | 2024540    | 19.113 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.471 | 1991440    | 19.028 ug/ml |
| 15) T Chrysene (C27.41)            | 14.513 | 2123791    | 19.651 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.025 | 2033233    | 18.898 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.056 | 2190789    | 19.341 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.407 | 1919837    | 17.613 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.780 | 1604646    | 16.220 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.813 | 2203556    | 19.226 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.030 | 1793970    | 17.190 ug/ml |
| -----                              |        |            |              |

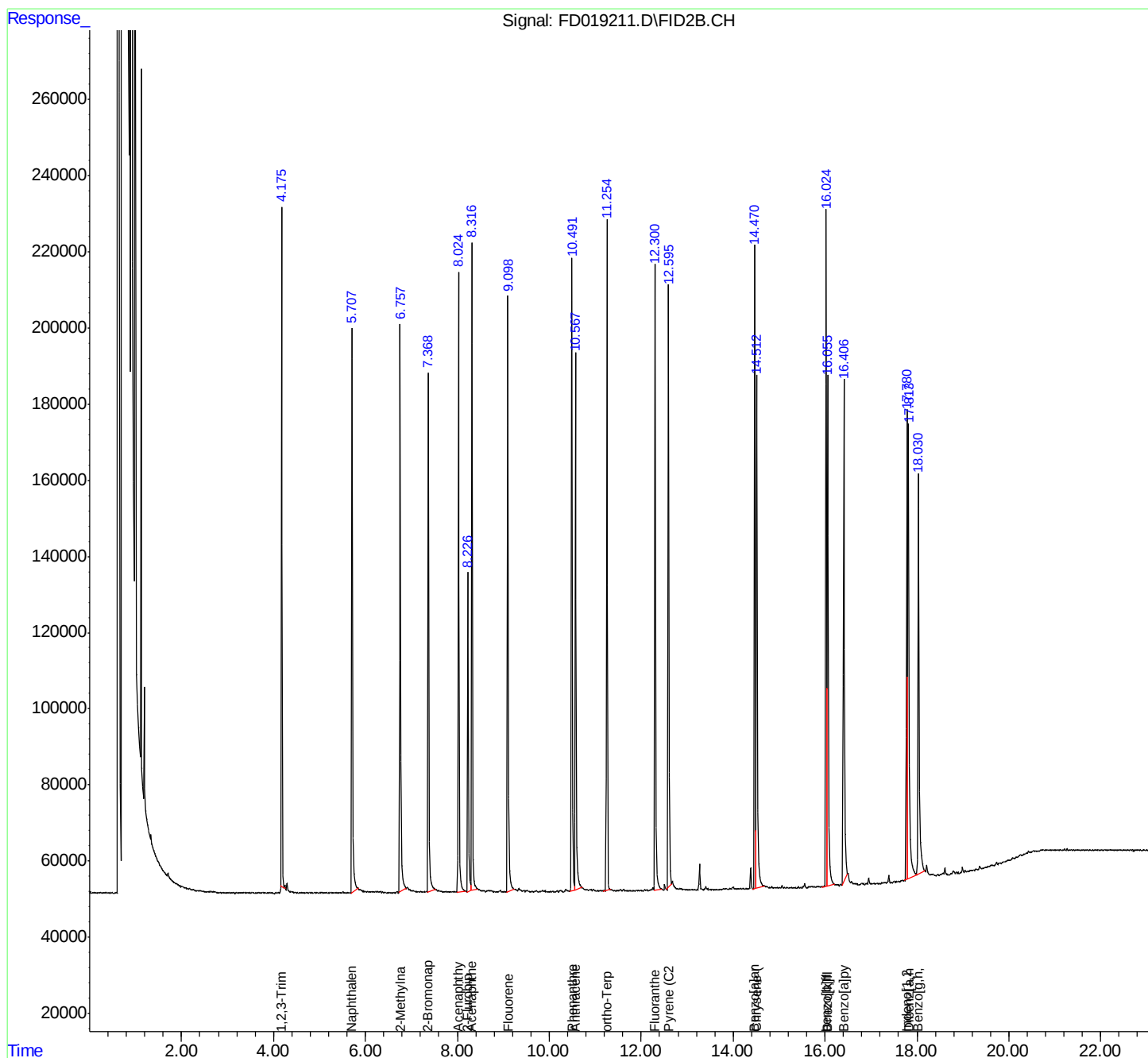
(f)=RT Delta > 1/2 Window

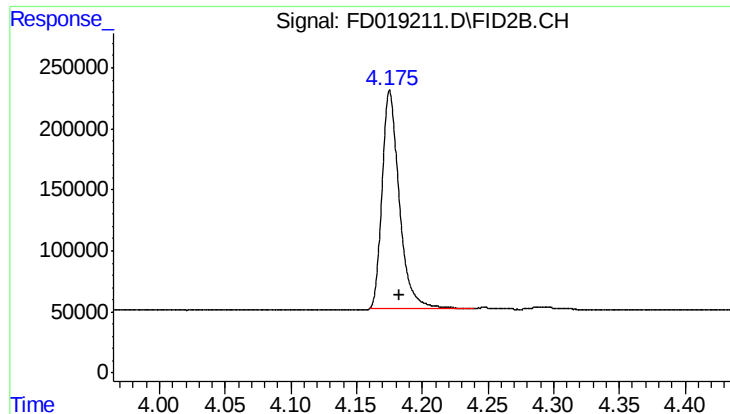
(m)=manual int.

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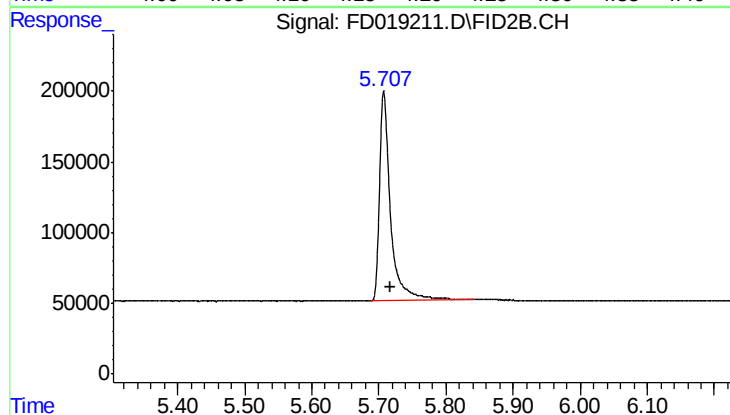
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
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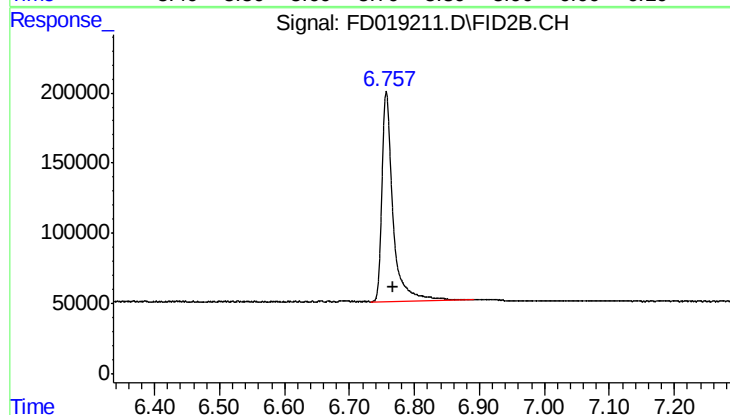
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.175 min  
Delta R.T.: -0.007 min  
Response: 1619703  
Conc: 18.30 ug/ml



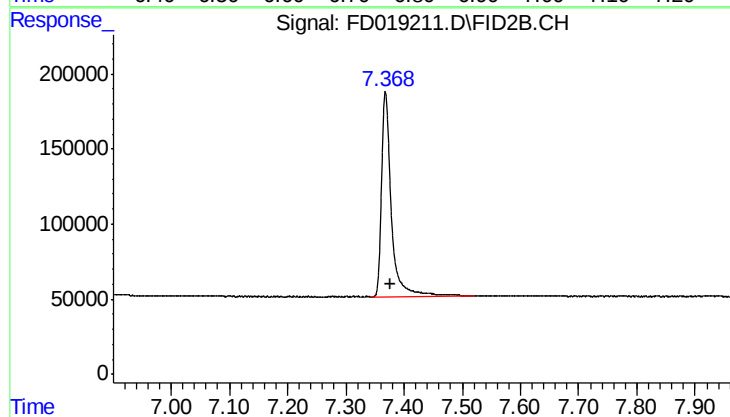
#2 Naphthalene (C11.7)

R.T.: 5.707 min  
Delta R.T.: -0.010 min  
Response: 1695456  
Conc: 18.98 ug/ml



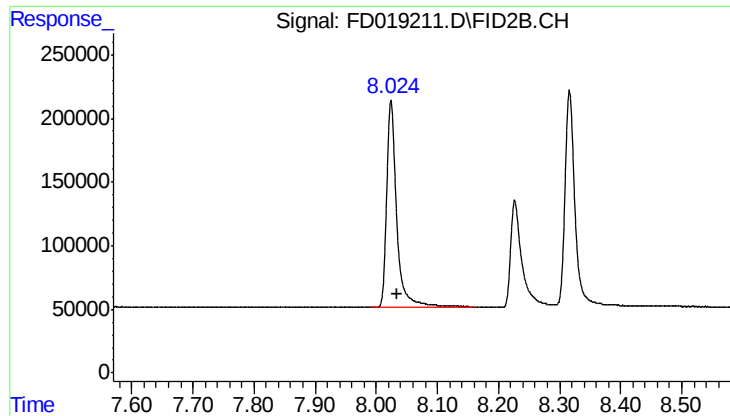
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min  
Delta R.T.: -0.010 min  
Response: 1755165  
Conc: 19.12 ug/ml



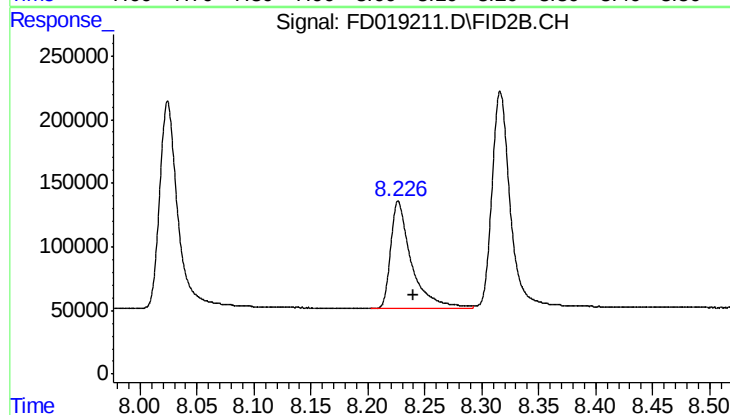
#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min  
Delta R.T.: -0.009 min  
Response: 1592733  
Conc: 19.68 ug/ml



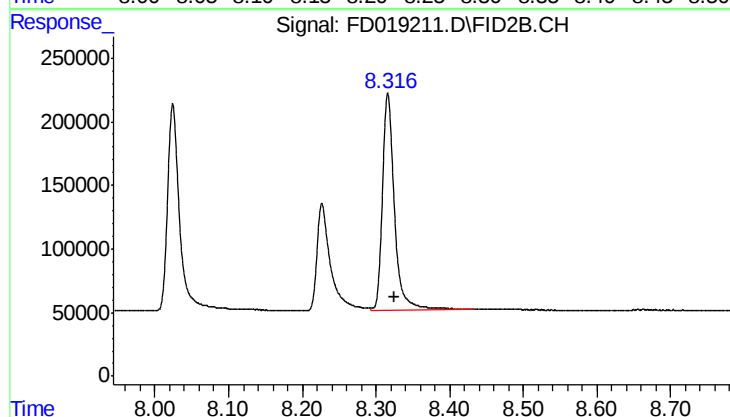
#5 Acenaphthylene (C15.06)

R.T.: 8.024 min  
Delta R.T.: -0.010 min  
Response: 1844430  
Conc: 19.45 ug/ml



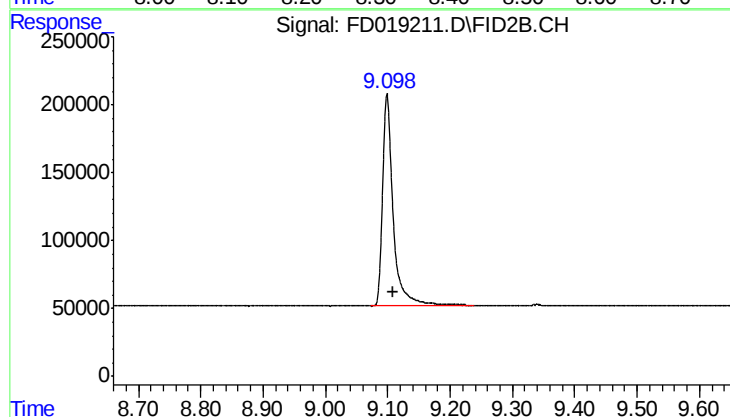
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.227 min  
Delta R.T.: -0.013 min  
Response: 1054261  
Conc: 19.27 ug/ml



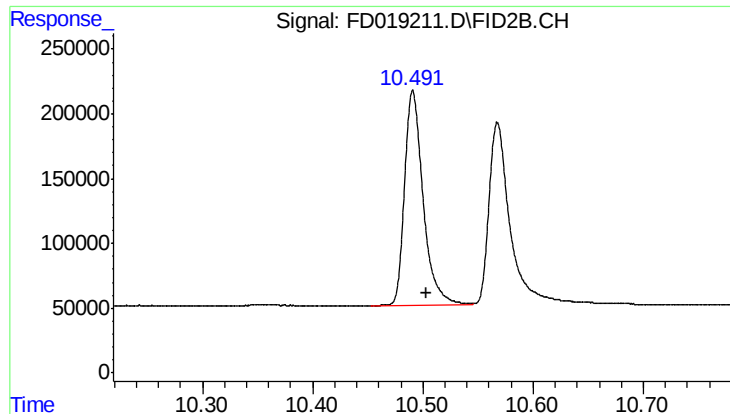
#7 Acenaphthene (C15.5)

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 1910442  
Conc: 19.58 ug/ml



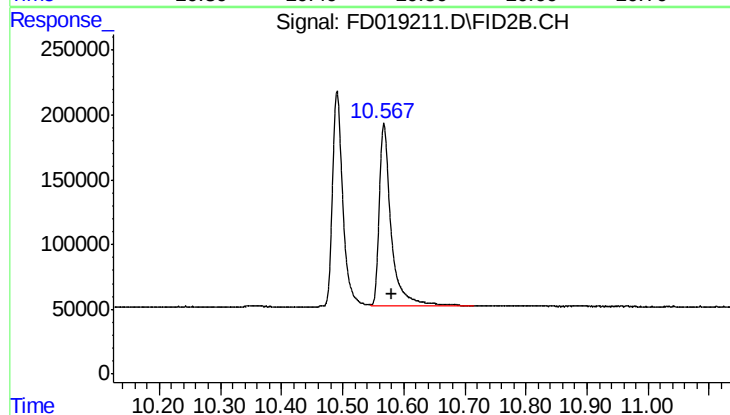
#8 Fluorene (C16.55)

R.T.: 9.099 min  
Delta R.T.: -0.011 min  
Response: 1847991  
Conc: 19.45 ug/ml



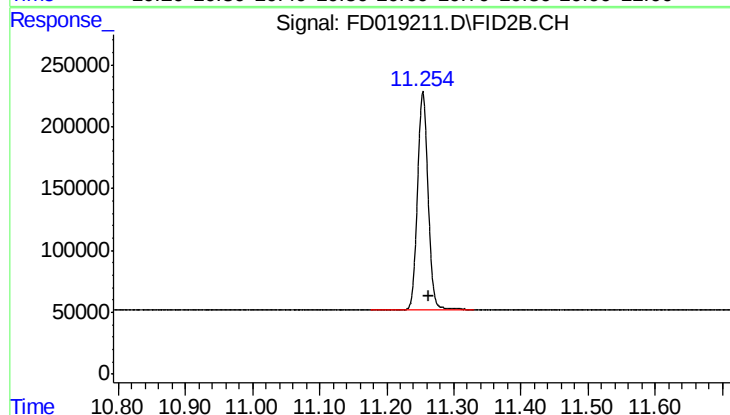
#9 Phenanthrene (C19.36)

R.T.: 10.491 min  
Delta R.T.: -0.012 min  
Response: 1946695  
Conc: 19.58 ug/ml



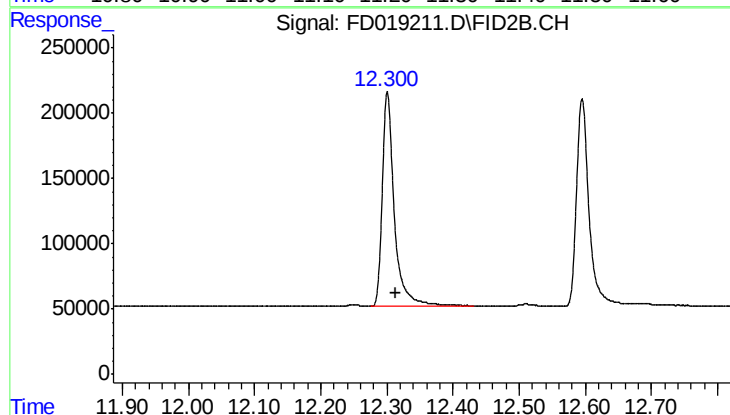
#10 Anthracene (C19.43)

R.T.: 10.568 min  
Delta R.T.: -0.013 min  
Response: 1915975  
Conc: 19.70 ug/ml



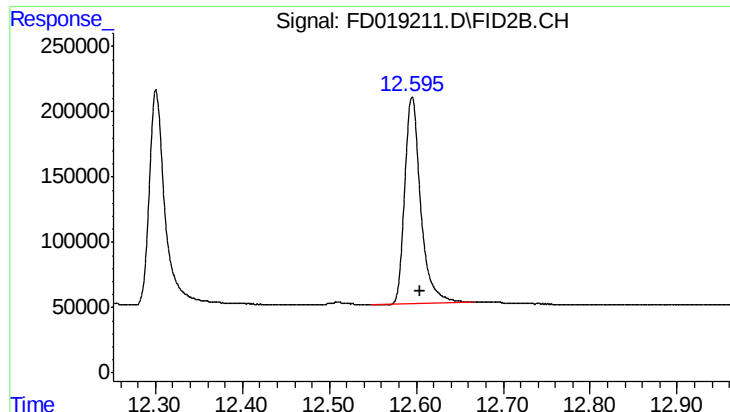
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min  
Delta R.T.: -0.009 min  
Response: 1915496  
Conc: 19.36 ug/ml



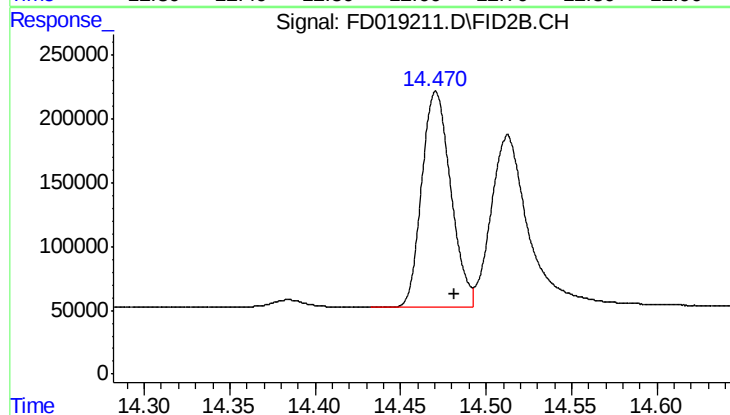
#12 Fluoranthene (C21.85)

R.T.: 12.301 min  
Delta R.T.: -0.012 min  
Response: 2067238  
Conc: 19.50 ug/ml



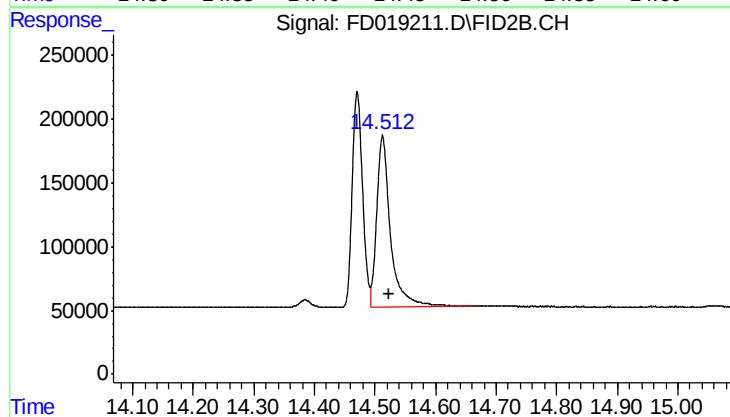
#13 Pyrene (C20.8)

R.T.: 12.595 min  
Delta R.T.: -0.009 min  
Response: 2024540  
Conc: 19.11 ug/ml



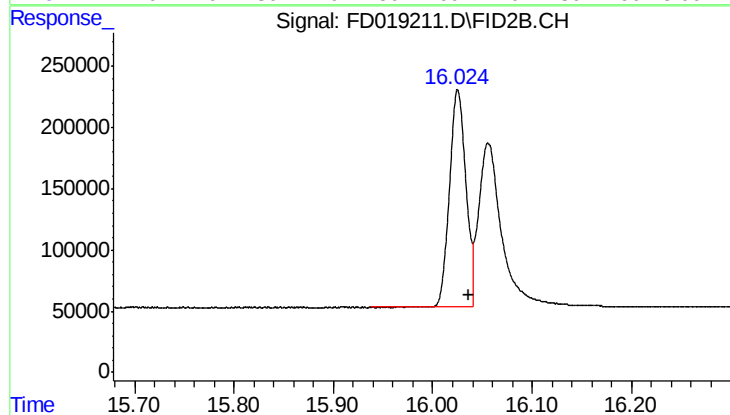
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min  
Delta R.T.: -0.011 min  
Response: 1991440  
Conc: 19.03 ug/ml



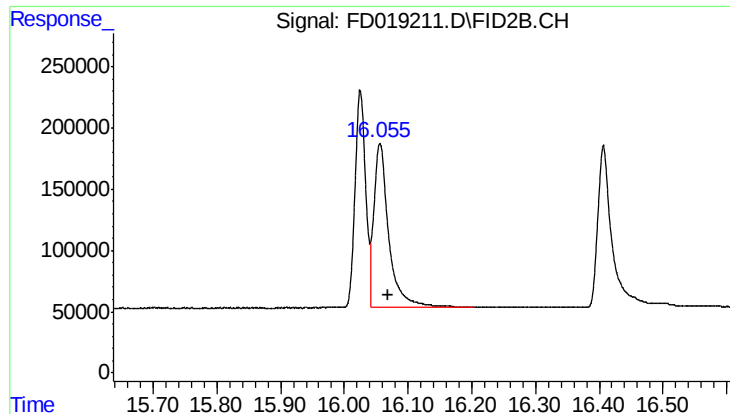
#15 Chrysene (C27.41)

R.T.: 14.513 min  
Delta R.T.: -0.011 min  
Response: 2123791  
Conc: 19.65 ug/ml



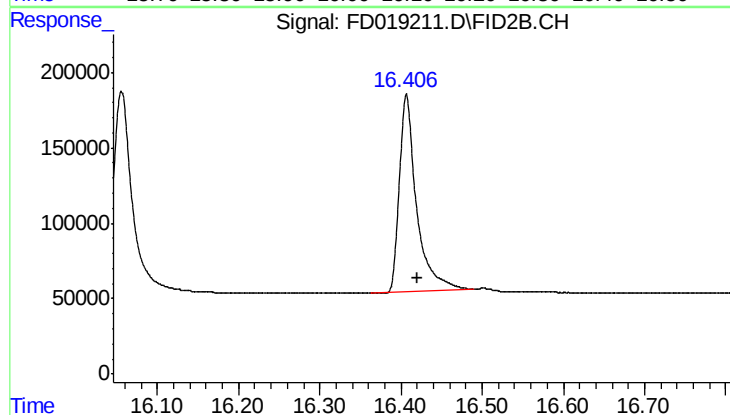
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.025 min  
Delta R.T.: -0.011 min  
Response: 2033233  
Conc: 18.90 ug/ml



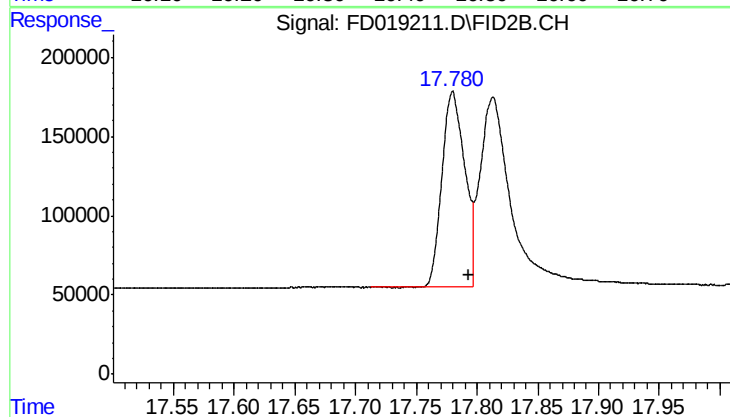
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min  
Delta R.T.: -0.012 min  
Response: 2190789  
Conc: 19.34 ug/ml



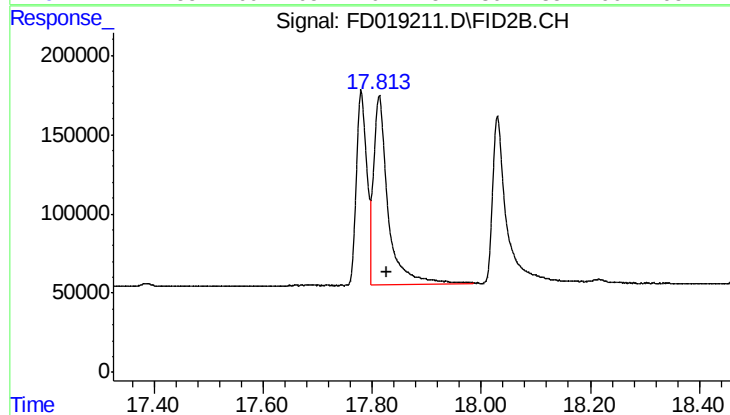
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min  
Delta R.T.: -0.014 min  
Response: 1919837  
Conc: 17.61 ug/ml



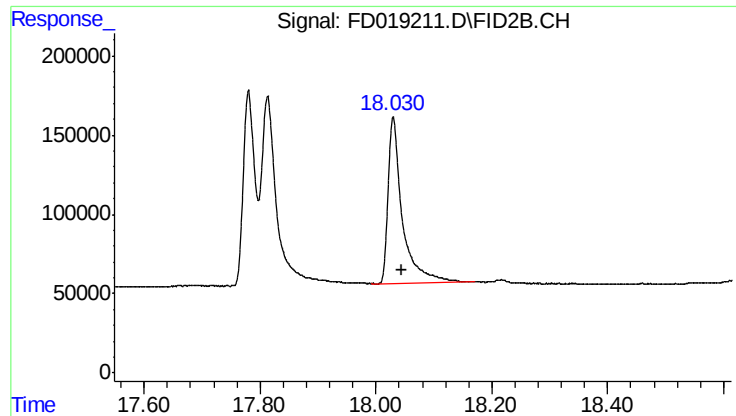
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.780 min  
Delta R.T.: -0.013 min  
Response: 1604646  
Conc: 16.22 ug/ml



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

R.T.: 17.813 min  
Delta R.T.: -0.013 min  
Response: 2203556  
Conc: 19.23 ug/ml



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

R.T.: 18.030 min  
Delta R.T.: -0.014 min  
Response: 1793970  
Conc: 17.19 ug/ml