

Data Path : P:\HPCHEM1\FID D\Data\FD031418AR\  
 Data File : FD022513.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Mar 2018 15:20  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 14 16:28:36 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...      | 7.327  | 1653392    | 19.736 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.47%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.188  | 1024857    | 20.271 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.54%       |
| 11) S ortho-Terphenyl (SURR)       | 11.208 | 2033334    | 21.426 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.85%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.134  | 1827895    | 20.699 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.666  | 1805753    | 20.187 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.716  | 1741026    | 19.170 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.982  | 1913609    | 19.981 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.274  | 2036570    | 19.881 ug/ml |
| 8) T Fluorene (C16.55)             | 9.057  | 1936902    | 20.657 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.449 | 2031053    | 21.799 ug/ml |
| 10) T Anthracene (C19.43)          | 10.526 | 2033897    | 21.449 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.258 | 2185307    | 21.786 ug/ml |
| 13) T Pyrene (C20.8)               | 12.552 | 2177987    | 21.438 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.472 | 2262799    | 23.466 ug/ml |
| 15) T Chrysene (C27.41)            | 14.472 | 2262799    | 20.965 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.020 | 2338927    | 23.266 ug/ml |
| 17) T Benzo[k]fluoranthene ...     | 16.020 | 2338927    | 20.612 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.371 | 1993556    | 18.970 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.780 | 2526962    | 26.523 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.780 | 2526962    | 22.237 ug/ml |
| 21) T Benzo[a,h,i]perylene ...     | 18.003 | 1793715    | 17.270 ug/ml |
| -----                              |        |            |              |

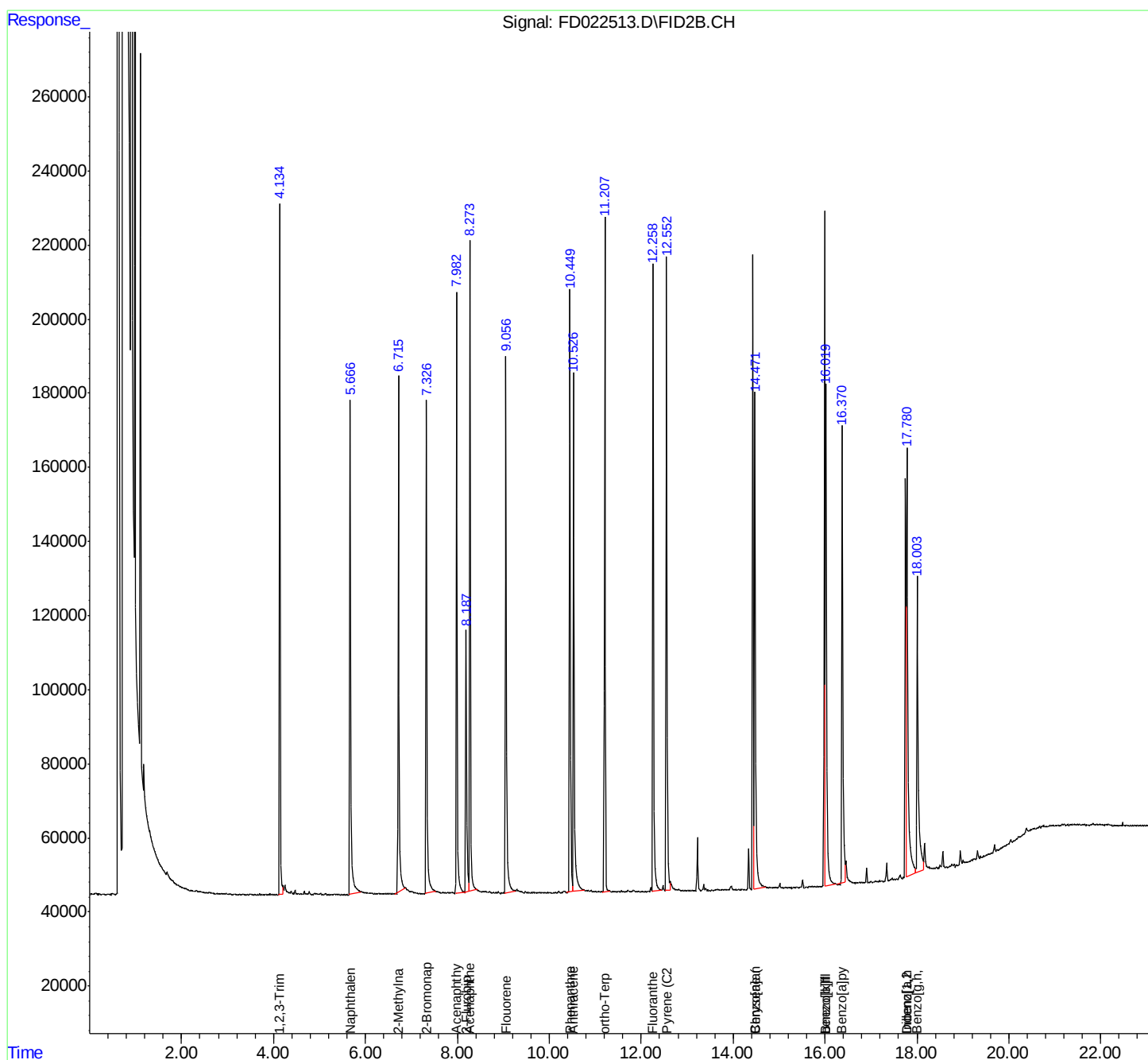
(f)=RT Delta > 1/2 Window

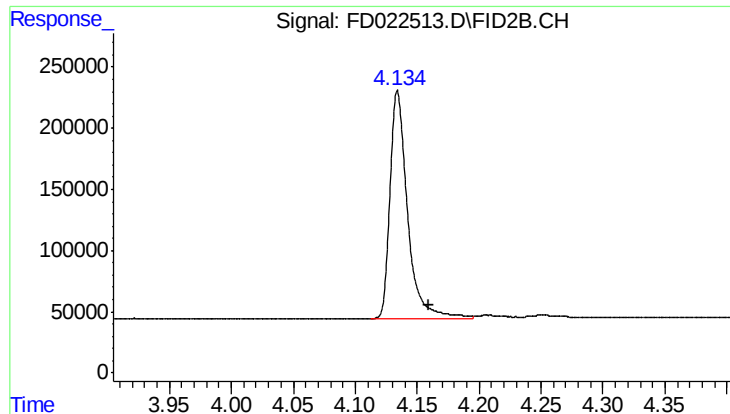
(m)=manual int.

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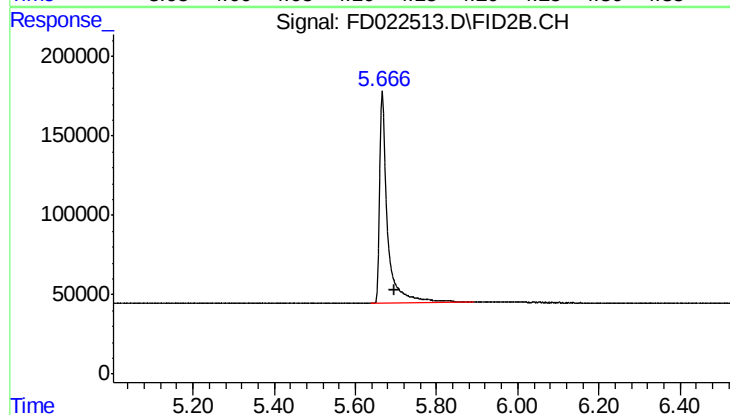
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





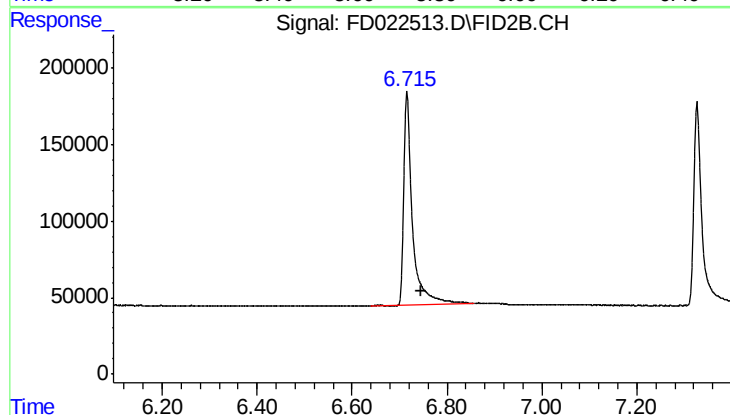
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.134 min  
Delta R.T.: -0.025 min  
Response: 1827895  
Conc: 20.70 ug/ml



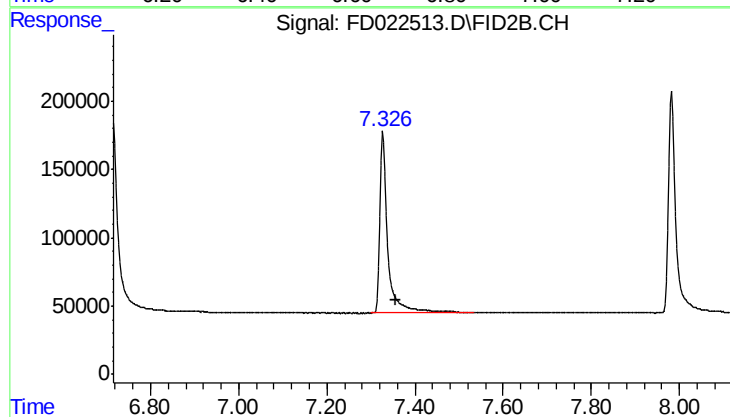
#2 Naphthalene (C11.7)

R.T.: 5.666 min  
Delta R.T.: -0.030 min  
Response: 1805753  
Conc: 20.19 ug/ml



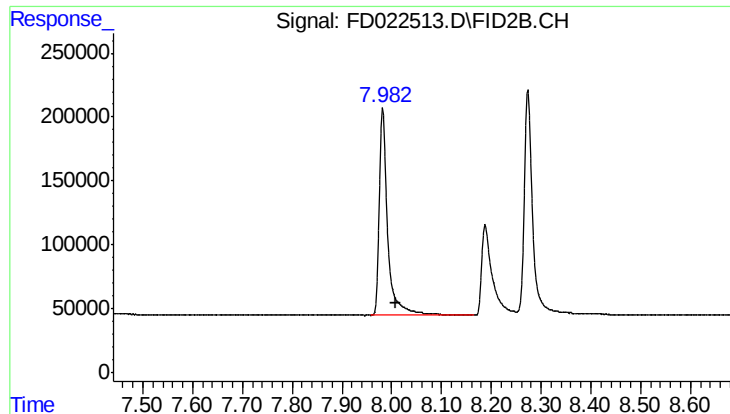
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min  
Delta R.T.: -0.030 min  
Response: 1741026  
Conc: 19.17 ug/ml



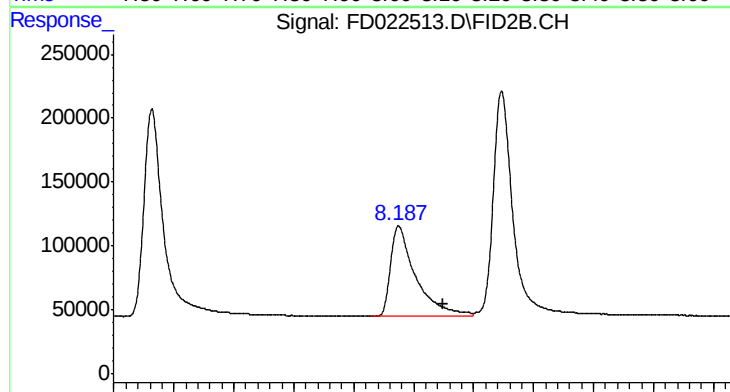
#4 2-Bromonaphthalene (SURR)

R.T.: 7.327 min  
Delta R.T.: -0.028 min  
Response: 1653392  
Conc: 19.74 ug/ml



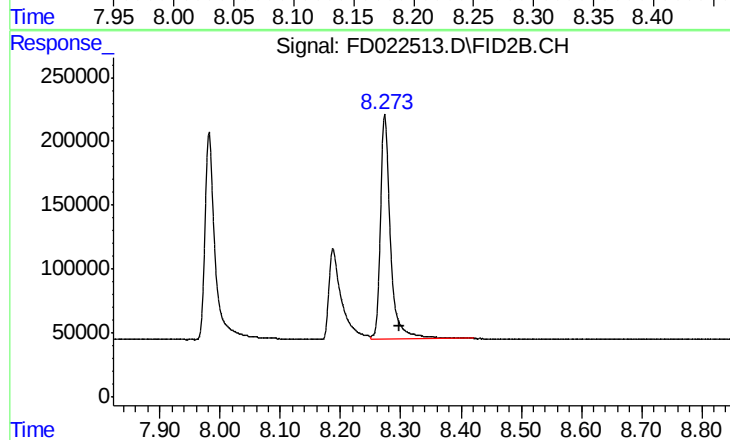
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min  
Delta R.T.: -0.027 min  
Response: 1913609  
Conc: 19.98 ug/ml



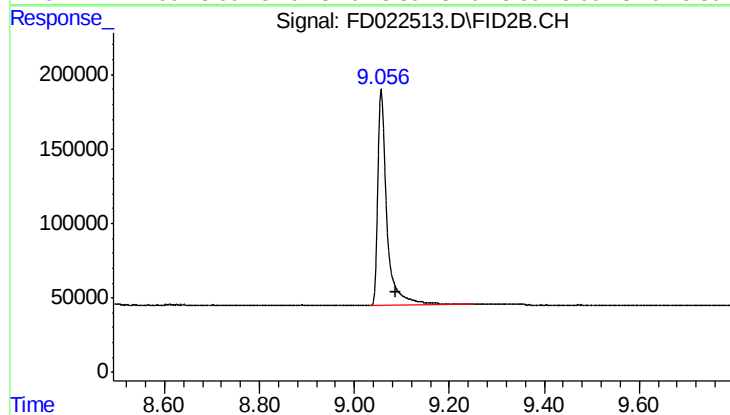
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min  
Delta R.T.: -0.037 min  
Response: 1024857  
Conc: 20.27 ug/ml



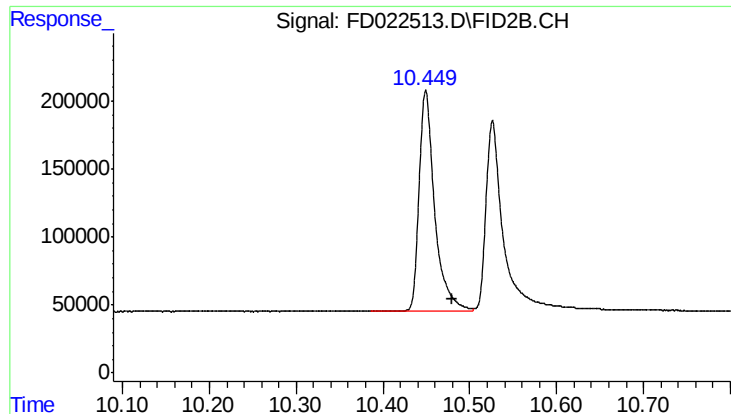
#7 Acenaphthene (C15.5)

R.T.: 8.274 min  
Delta R.T.: -0.025 min  
Response: 2036570  
Conc: 19.88 ug/ml



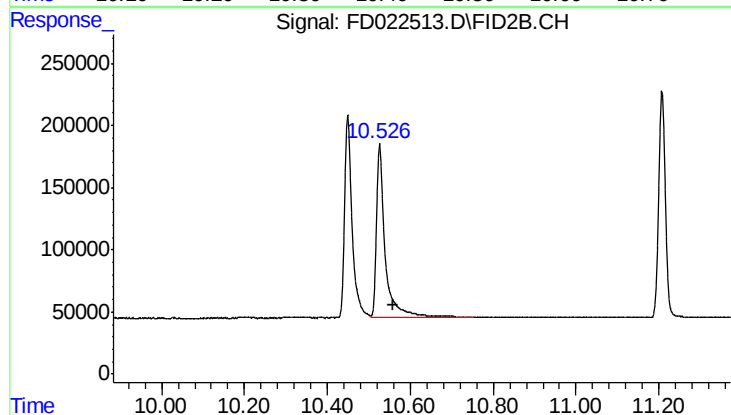
#8 Fluorene (C16.55)

R.T.: 9.057 min  
Delta R.T.: -0.030 min  
Response: 1936902  
Conc: 20.66 ug/ml



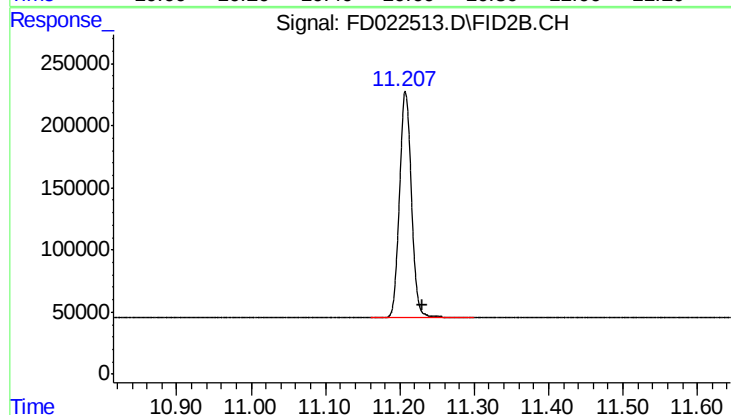
#9 Phenanthrene (C19.36)

R.T.: 10.449 min  
Delta R.T.: -0.031 min  
Response: 2031053  
Conc: 21.80 ug/ml



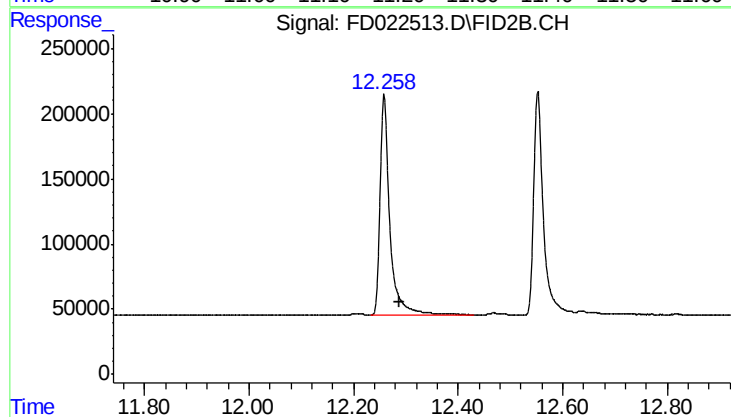
#10 Anthracene (C19.43)

R.T.: 10.526 min  
Delta R.T.: -0.033 min  
Response: 2033897  
Conc: 21.45 ug/ml



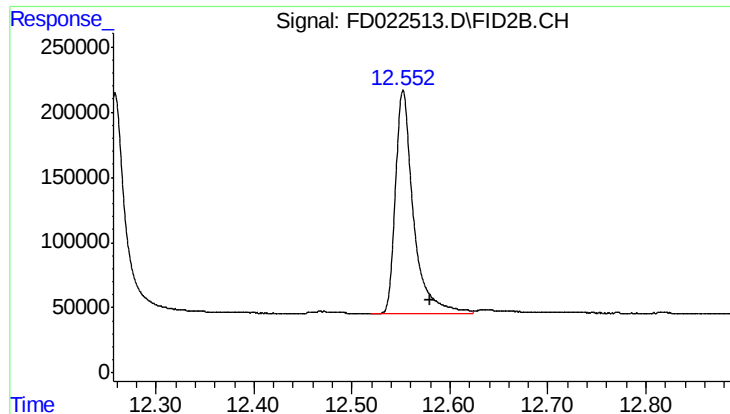
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min  
Delta R.T.: -0.023 min  
Response: 2033334  
Conc: 21.43 ug/ml



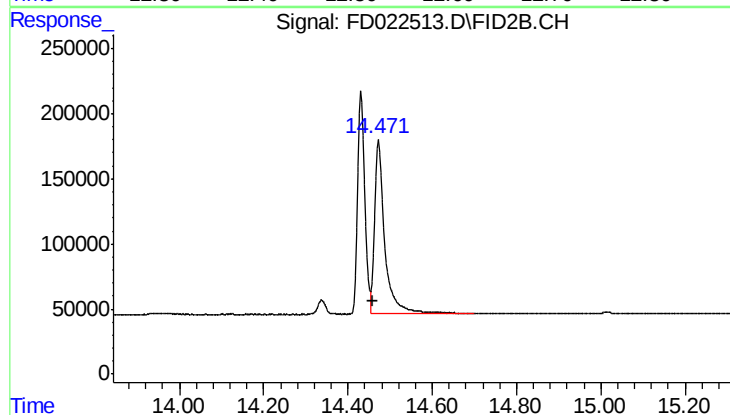
#12 Fluoranthene (C21.85)

R.T.: 12.258 min  
Delta R.T.: -0.029 min  
Response: 2185307  
Conc: 21.79 ug/ml



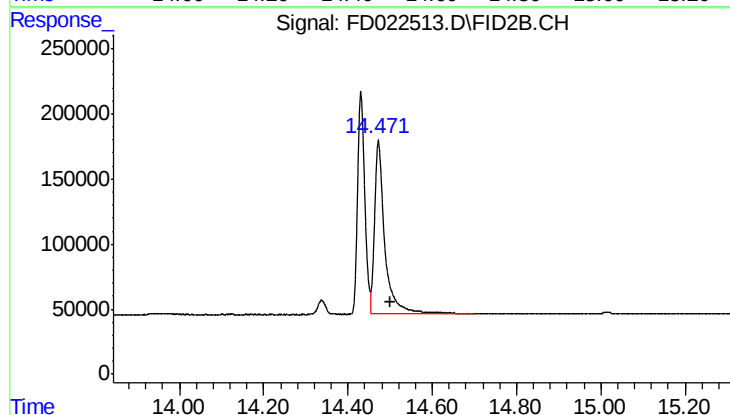
#13 Pyrene (C20.8)

R.T.: 12.552 min  
Delta R.T.: -0.028 min  
Response: 2177987  
Conc: 21.44 ug/ml



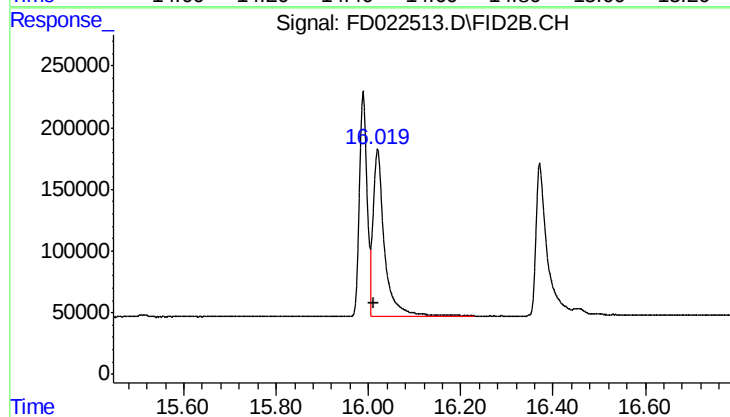
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min  
Delta R.T.: 0.013 min  
Response: 2262799  
Conc: 23.47 ug/ml



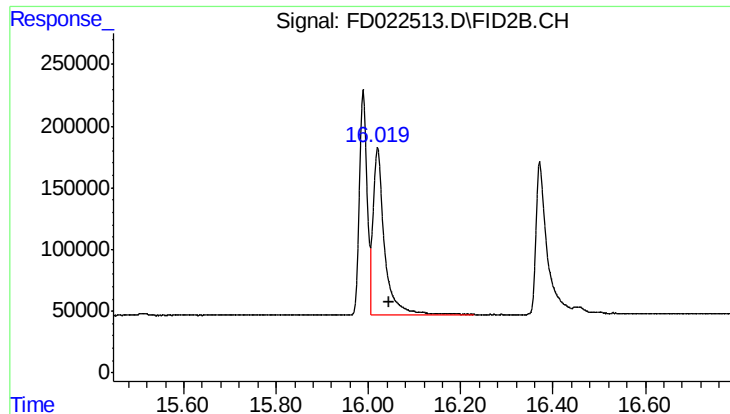
#15 Chrysene (C27.41)

R.T.: 14.472 min  
Delta R.T.: -0.028 min  
Response: 2262799  
Conc: 20.97 ug/ml



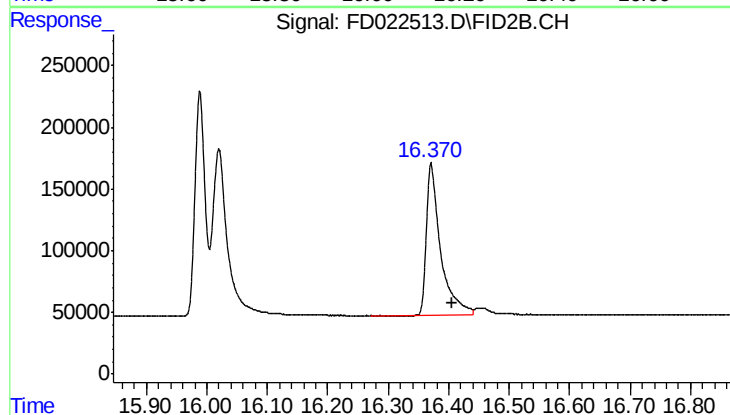
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.020 min  
Delta R.T.: 0.008 min  
Response: 2338927  
Conc: 23.27 ug/ml



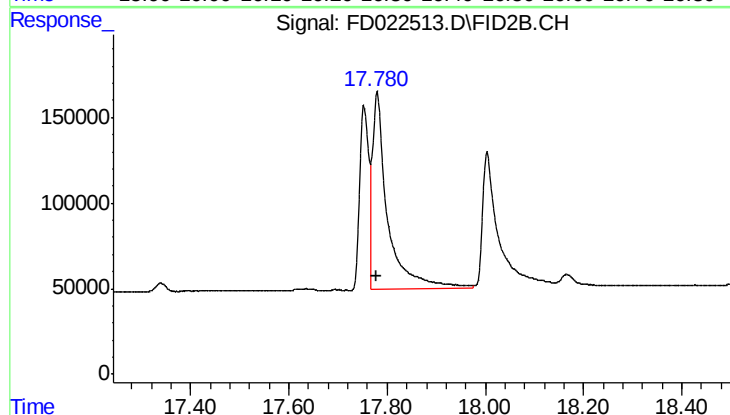
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min  
Delta R.T.: -0.026 min  
Response: 2338927  
Conc: 20.61 ug/ml



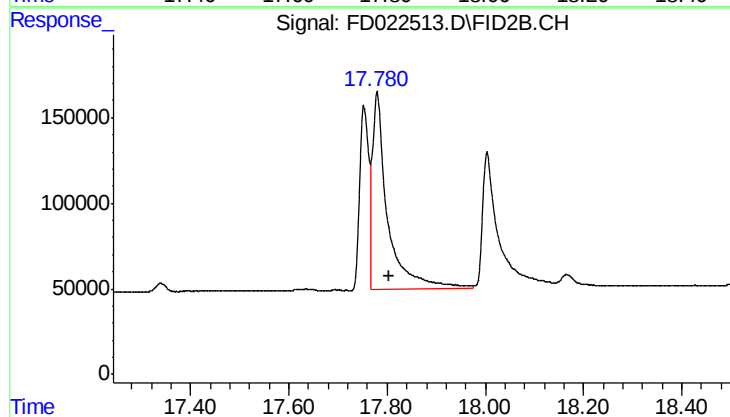
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min  
Delta R.T.: -0.034 min  
Response: 1993556  
Conc: 18.97 ug/ml



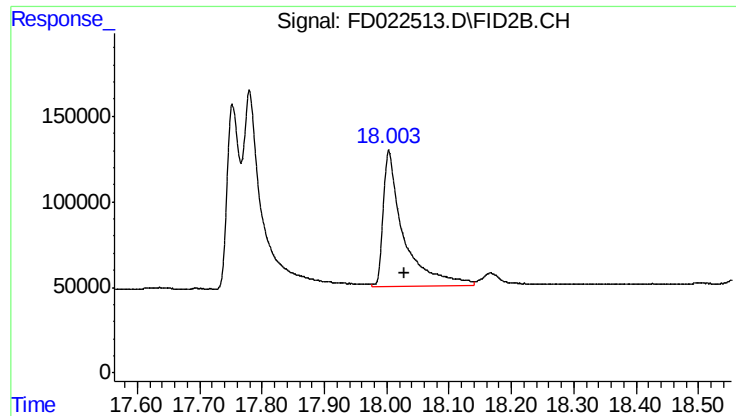
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.780 min  
Delta R.T.: 0.002 min  
Response: 2526962  
Conc: 26.52 ug/ml



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

R.T.: 17.780 min  
Delta R.T.: -0.025 min  
Response: 2526962  
Conc: 22.24 ug/ml



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

R.T.: 18.003 min  
Delta R.T.: -0.024 min  
Response: 1793715  
Conc: 17.27 ug/ml