

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\  
 Data File : FD022467.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Mar 2018 11:18  
 Operator : UA/AJ  
 Sample : PB106961BS  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 13 01:15:11 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...           | 7.329  | 1430055    | 17.070 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 34.14%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.190  | 824347     | 16.305 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 32.61%       |
| 11) S ortho-Terphenyl (SURR)            | 11.210 | 1728535    | 18.214 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 36.43%       |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.136  | 1618727    | 18.330 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.668  | 1558142    | 17.419 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.718  | 1536772    | 16.921 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.984  | 1659865    | 17.332 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.276  | 1194889    | 11.664 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.058  | 1653026    | 17.629 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.451 | 1728912    | 18.556 ug/ml |
| 10) T Anthracene (C19.43)               | 10.528 | 1743910    | 18.391 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.260 | 1859284    | 18.536 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.554 | 1856367    | 18.272 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.474 | 1902454    | 19.729 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.474 | 1902454    | 17.627 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.021 | 1995826    | 19.853 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.021 | 1995826    | 17.588 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.372 | 1787122    | 17.005 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.779 | 2158662    | 22.657 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.779 | 2158662    | 18.996 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]perylene ... | 18.003 | 1497254    | 14.416 ug/ml |
| -----                                   |        |            |              |

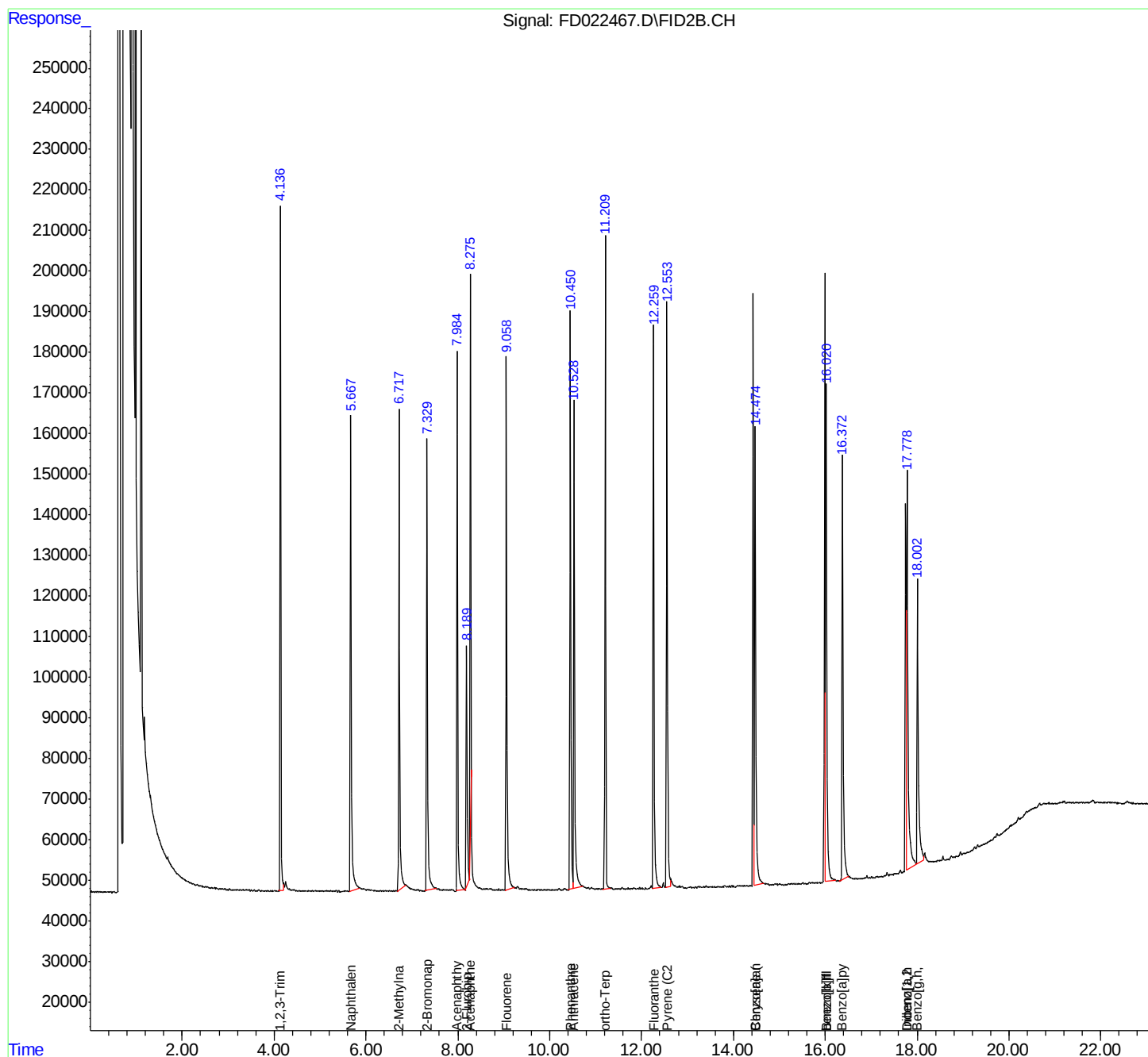
(f)=RT Delta > 1/2 Window

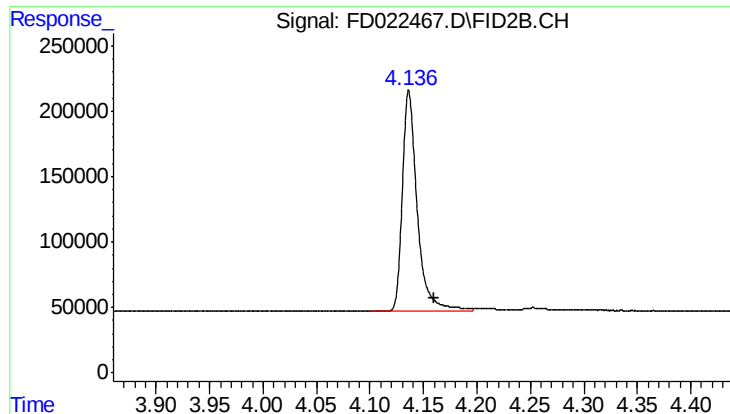
(m)=manual int.

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Misc :  
ALS Vial : 56 Sample Multiplier: 1

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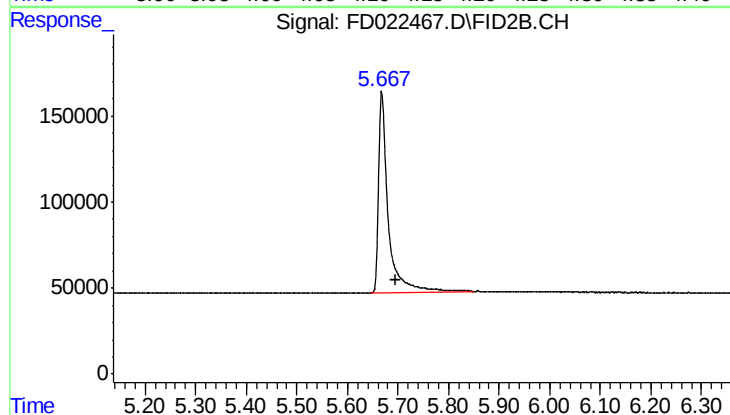
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





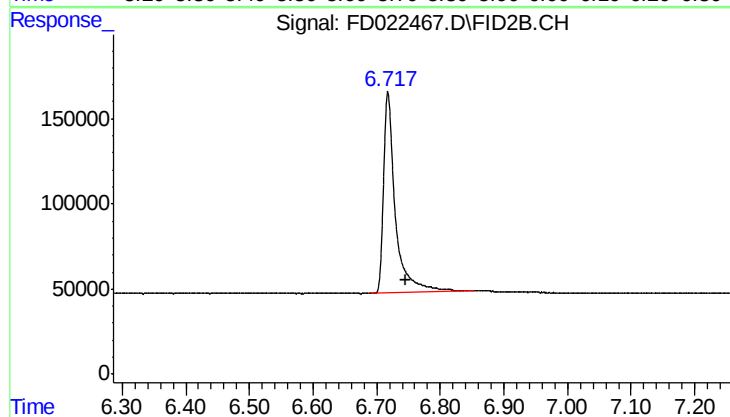
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.136 min  
Delta R.T.: -0.023 min  
Response: 1618727  
Conc: 18.33 ug/ml



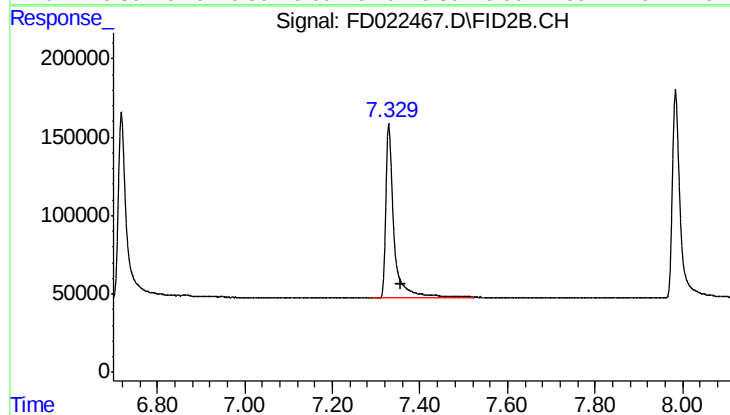
#2 Naphthalene (C11.7)

R.T.: 5.668 min  
Delta R.T.: -0.028 min  
Response: 1558142  
Conc: 17.42 ug/ml



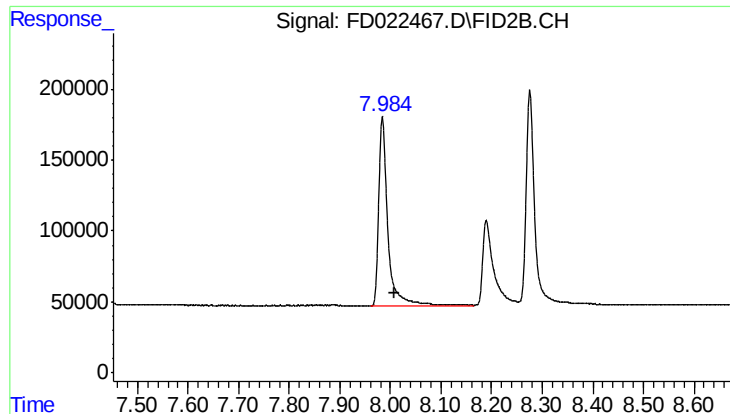
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min  
Delta R.T.: -0.028 min  
Response: 1536772  
Conc: 16.92 ug/ml



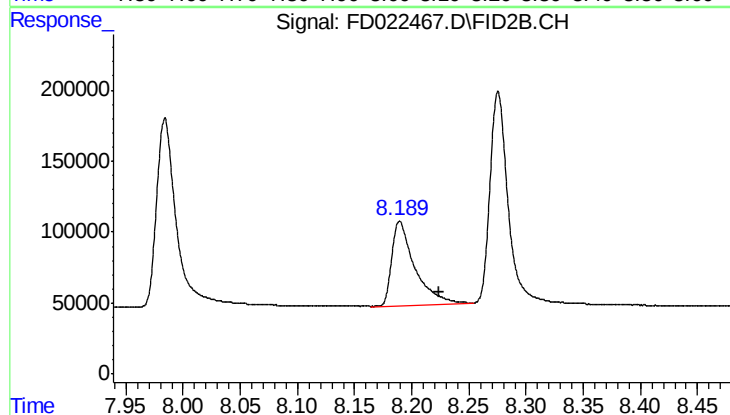
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min  
Delta R.T.: -0.026 min  
Response: 1430055  
Conc: 17.07 ug/ml



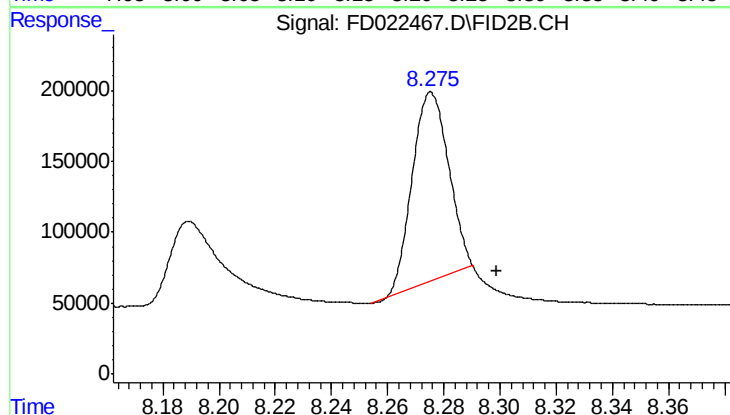
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min  
Delta R.T.: -0.025 min  
Response: 1659865  
Conc: 17.33 ug/ml



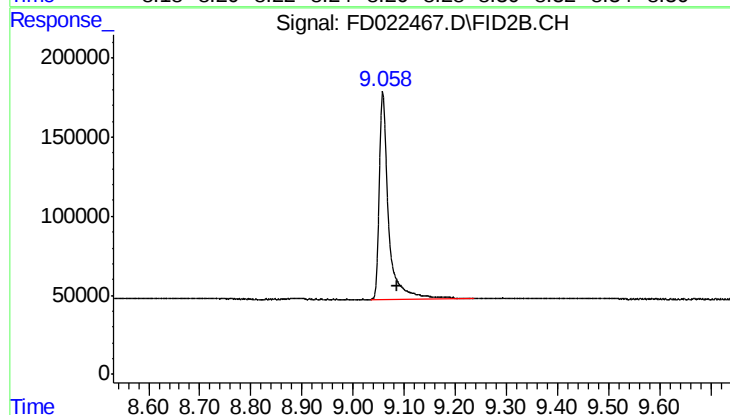
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.190 min  
Delta R.T.: -0.035 min  
Response: 824347  
Conc: 16.31 ug/ml



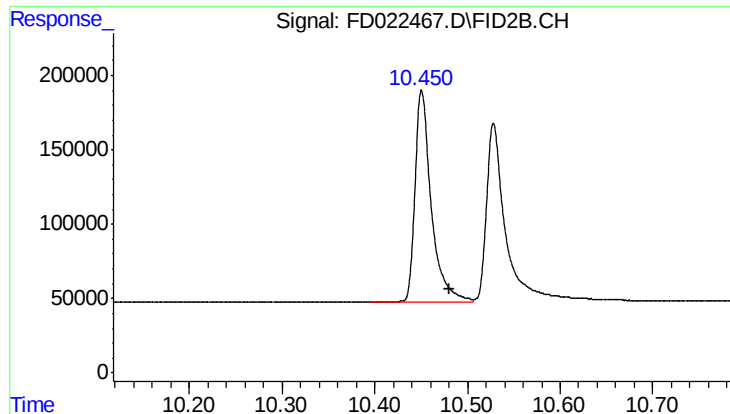
#7 Acenaphthene (C15.5)

R.T.: 8.276 min  
Delta R.T.: -0.023 min  
Response: 1194889  
Conc: 11.66 ug/ml



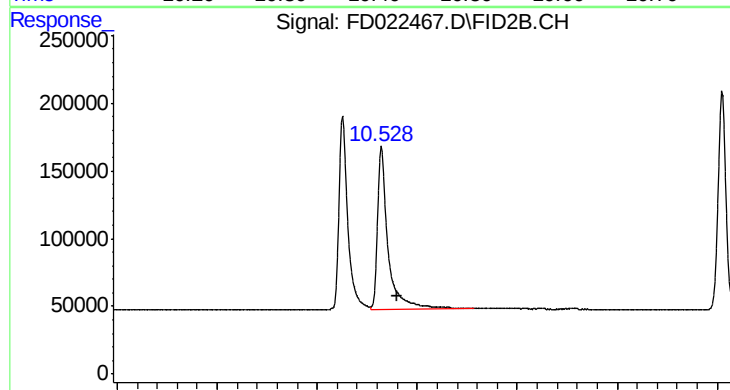
#8 Fluorene (C16.55)

R.T.: 9.058 min  
Delta R.T.: -0.028 min  
Response: 1653026  
Conc: 17.63 ug/ml



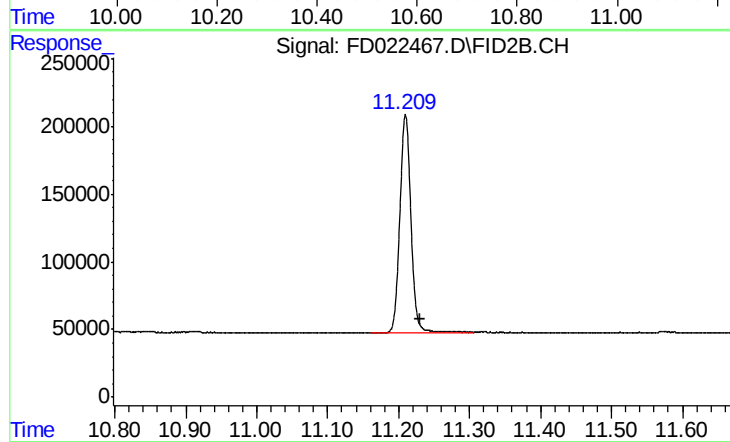
#9 Phenanthrene (C19.36)

R.T.: 10.451 min  
Delta R.T.: -0.029 min  
Response: 1728912  
Conc: 18.56 ug/ml



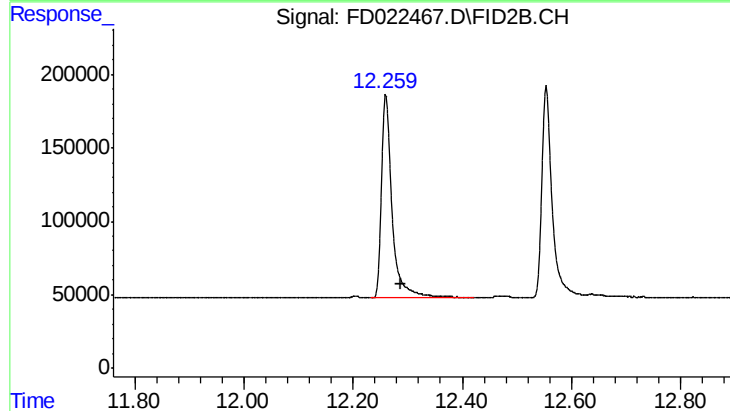
#10 Anthracene (C19.43)

R.T.: 10.528 min  
Delta R.T.: -0.031 min  
Response: 1743910  
Conc: 18.39 ug/ml



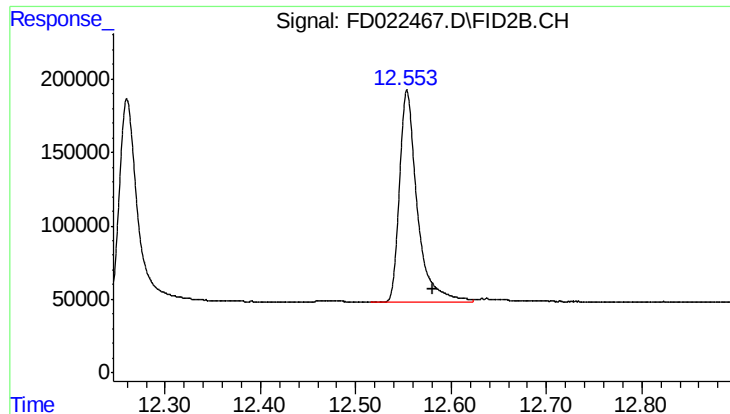
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min  
Delta R.T.: -0.021 min  
Response: 1728535  
Conc: 18.21 ug/ml



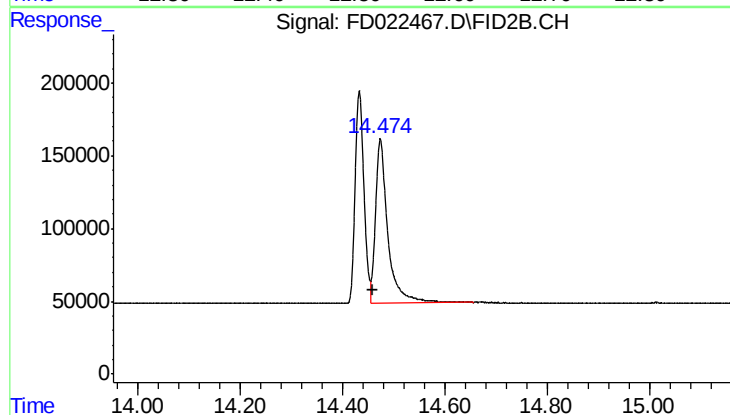
#12 Fluoranthene (C21.85)

R.T.: 12.260 min  
Delta R.T.: -0.028 min  
Response: 1859284  
Conc: 18.54 ug/ml



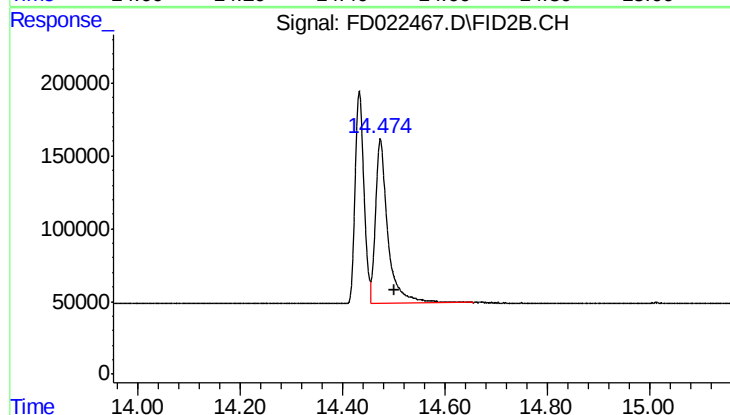
#13 Pyrene (C20.8)

R.T.: 12.554 min  
Delta R.T.: -0.026 min  
Response: 1856367  
Conc: 18.27 ug/ml



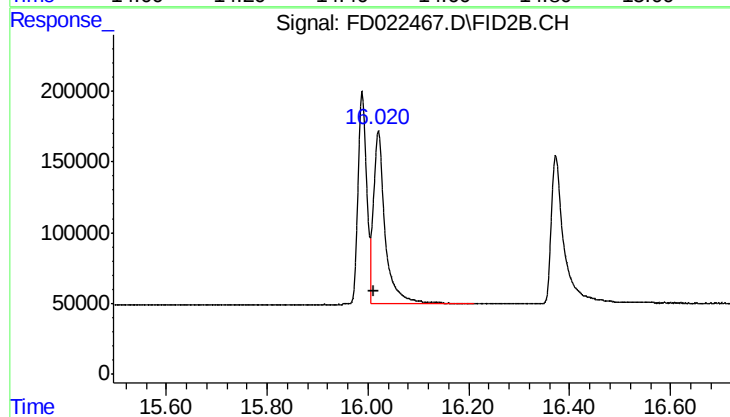
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min  
Delta R.T.: 0.015 min  
Response: 1902454  
Conc: 19.73 ug/ml



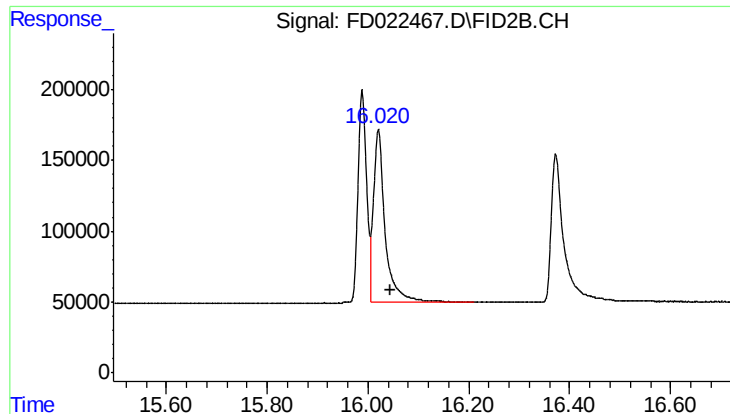
#15 Chrysene (C27.41)

R.T.: 14.474 min  
Delta R.T.: -0.026 min  
Response: 1902454  
Conc: 17.63 ug/ml



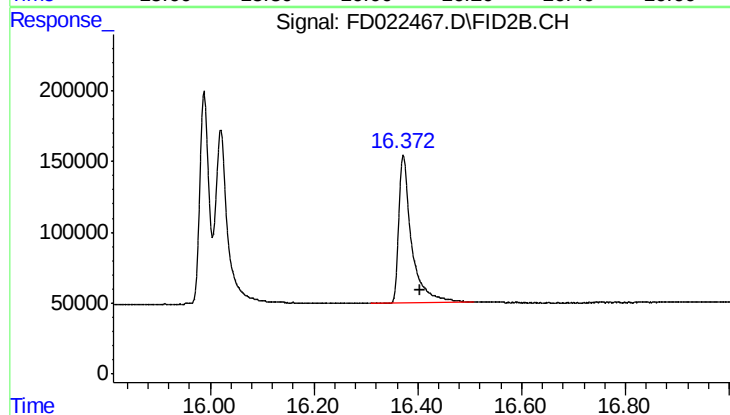
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min  
Delta R.T.: 0.008 min  
Response: 1995826  
Conc: 19.85 ug/ml



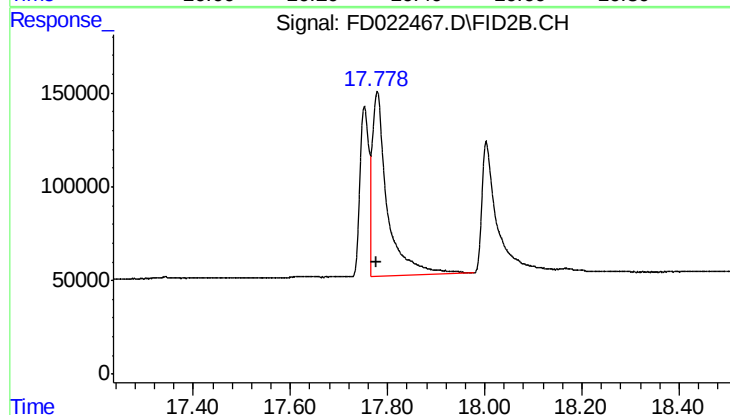
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min  
Delta R.T.: -0.025 min  
Response: 1995826  
Conc: 17.59 ug/ml



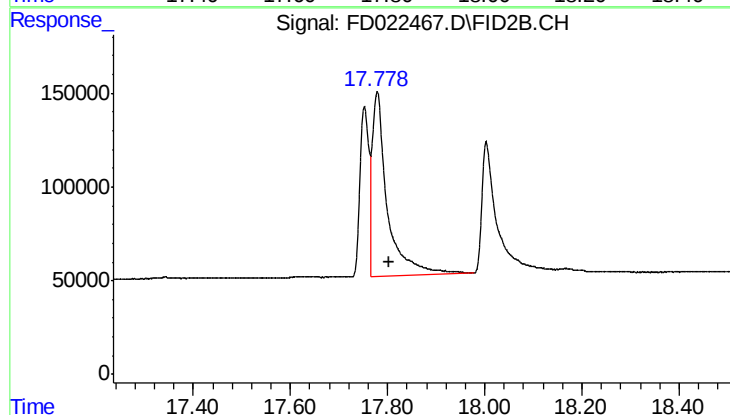
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min  
Delta R.T.: -0.032 min  
Response: 1787122  
Conc: 17.01 ug/ml



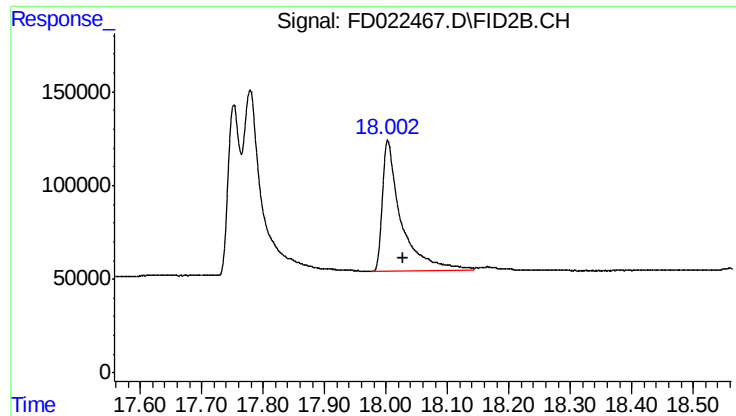
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.779 min  
Delta R.T.: 0.002 min  
Response: 2158662  
Conc: 22.66 ug/ml



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

R.T.: 17.779 min  
Delta R.T.: -0.025 min  
Response: 2158662  
Conc: 19.00 ug/ml



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

R.T.: 18.003 min  
Delta R.T.: -0.025 min  
Response: 1497254  
Conc: 14.42 ug/ml