

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082218AR\  
 Data File : FD025477.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Aug 2018 00:10  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 23 05:06:02 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 14:40:04 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...      | 7.441  | 1663998    | 20.641 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.28%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.294  | 1126714    | 19.842 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.68%       |
| 11) S ortho-Terphenyl (SURR)       | 11.339 | 1761486    | 18.792 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.58%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.239  | 1840894    | 23.428 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.775  | 1942978    | 22.215 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.827  | 1886030    | 21.271 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.098  | 1786814    | 20.045 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.393  | 1858430    | 19.868 ug/ml |
| 8) T Flouorene (C16.55)            | 9.173  | 1827887    | 19.102 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.564 | 1816072    | 18.804 ug/ml |
| 10) T Anthracene (C19.43)          | 10.638 | 1778332    | 18.740 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.371 | 1895603    | 19.760 ug/ml |
| 13) T Pyrene (C20.8)               | 12.666 | 1927069    | 20.140 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.536 | 1990755    | 22.244 ug/ml |
| 15) T Chrysene (C27.41)            | 14.577 | 2001608    | 22.311 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.082 | 2098415    | 21.959 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.115 | 2112026    | 21.811 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.458 | 2107251    | 21.659 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.821 | 2029492    | 19.797 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.863 | 2011377    | 19.967 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.074 | 2138443    | 20.670 ug/ml |
| -----                              |        |            |              |

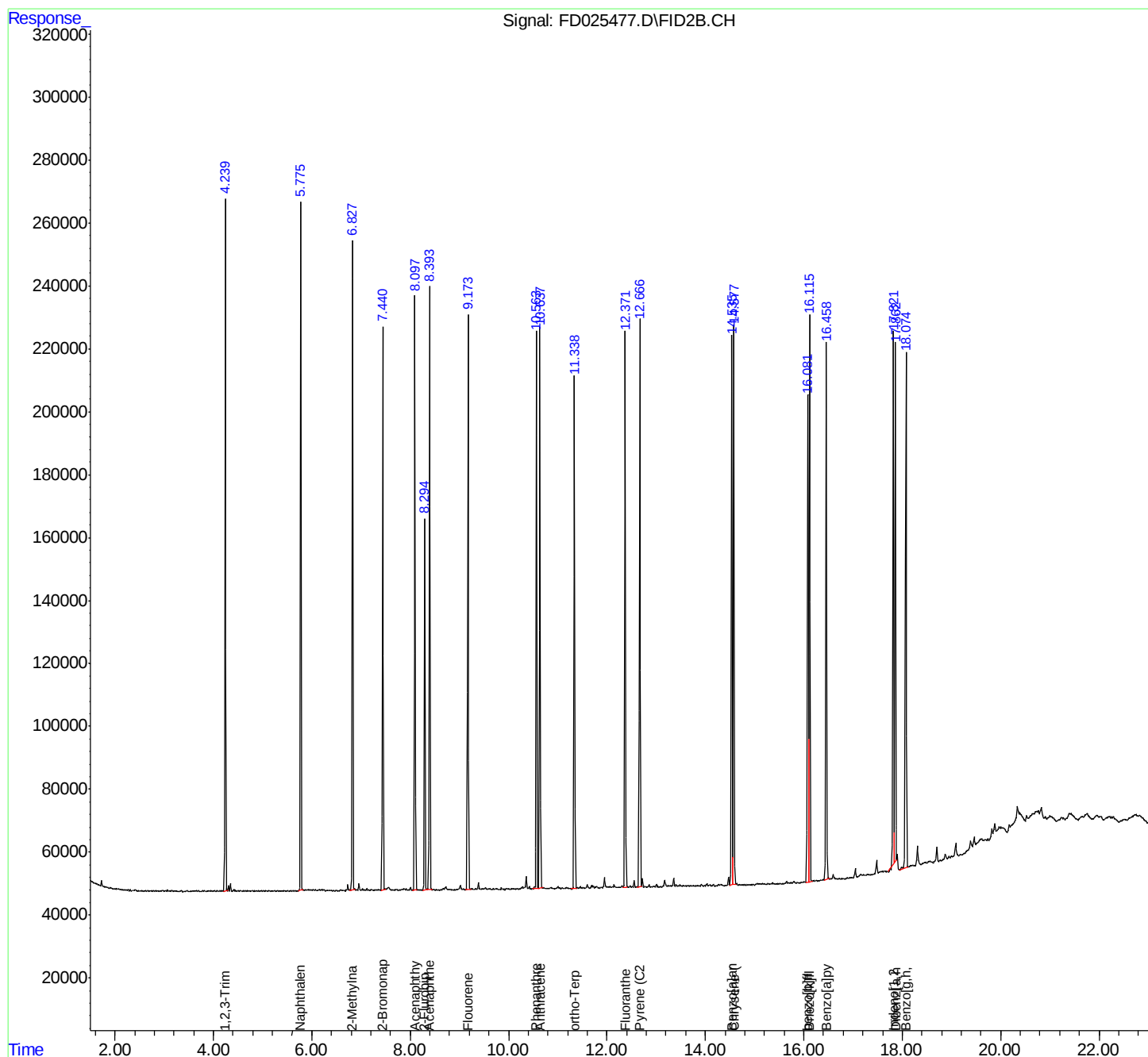
(f)=RT Delta > 1/2 Window

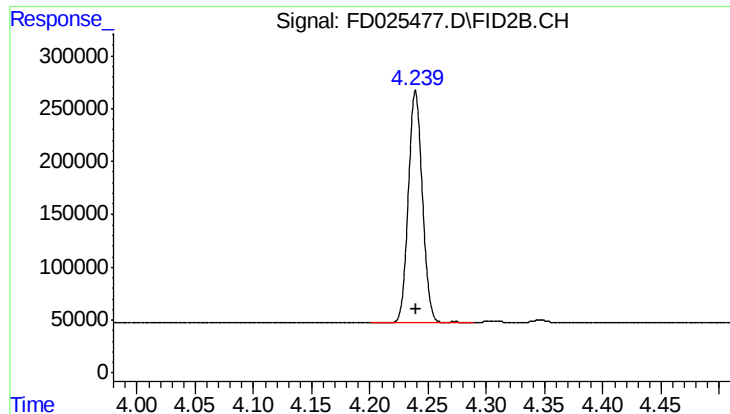
(m)=manual int.

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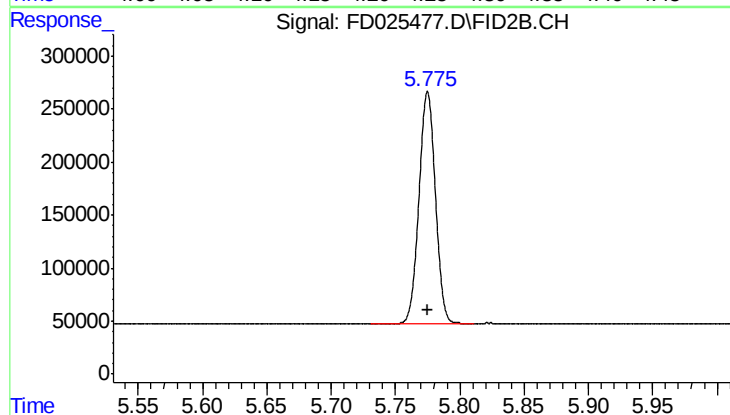
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





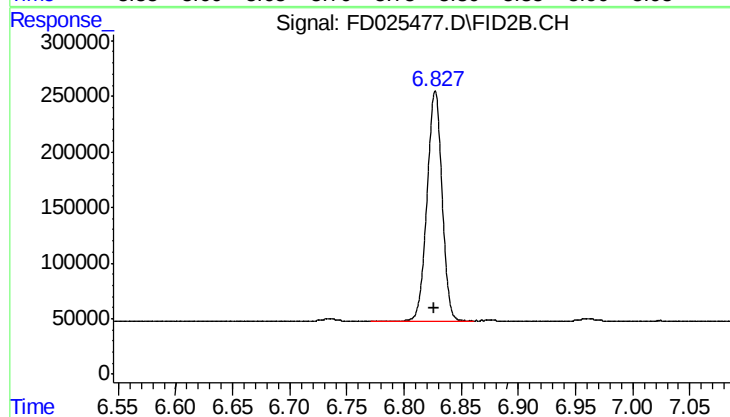
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.239 min  
Delta R.T.: 0.000 min  
Response: 1840894  
Conc: 23.43 ug/ml



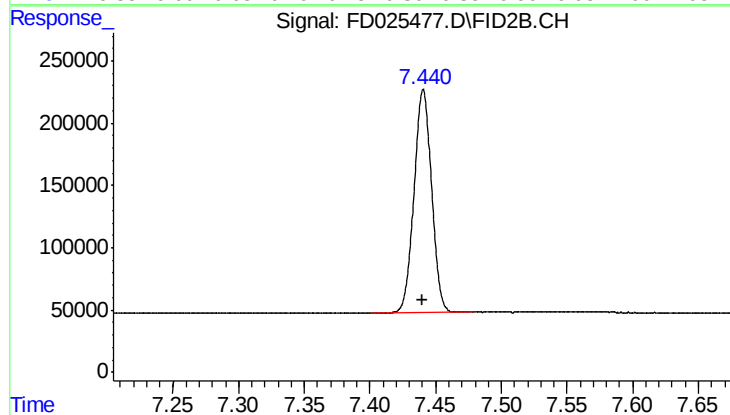
#2 Naphthalene (C11.7)

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 1942978  
Conc: 22.22 ug/ml



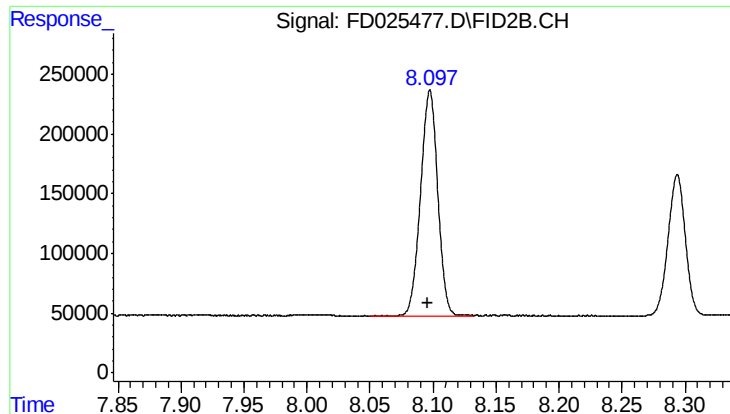
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.827 min  
Delta R.T.: 0.001 min  
Response: 1886030  
Conc: 21.27 ug/ml



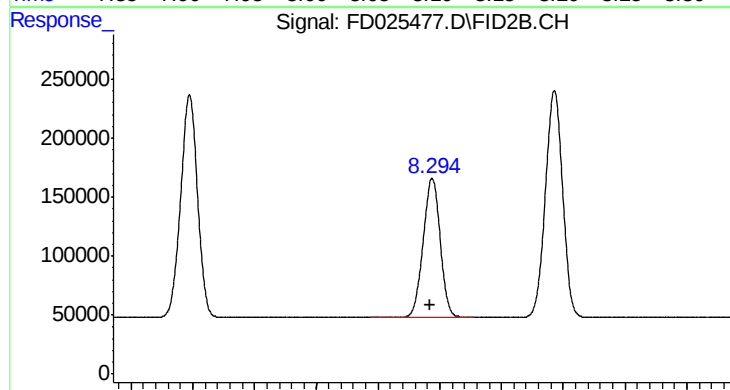
#4 2-Bromonaphthalene (SURR)

R.T.: 7.441 min  
Delta R.T.: 0.000 min  
Response: 1663998  
Conc: 20.64 ug/ml



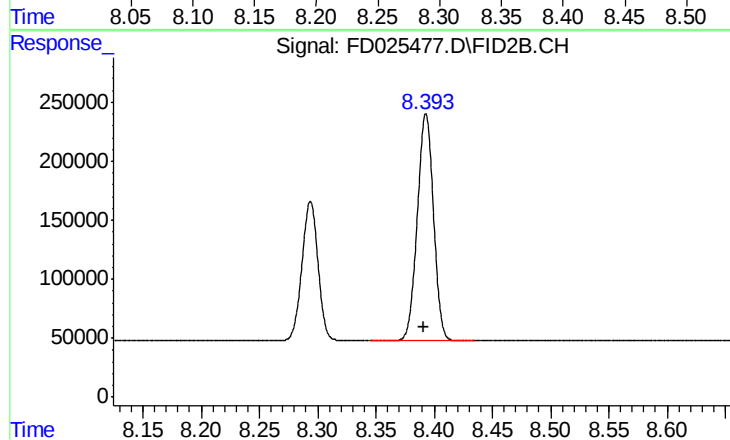
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min  
Delta R.T.: 0.002 min  
Response: 1786814  
Conc: 20.04 ug/ml



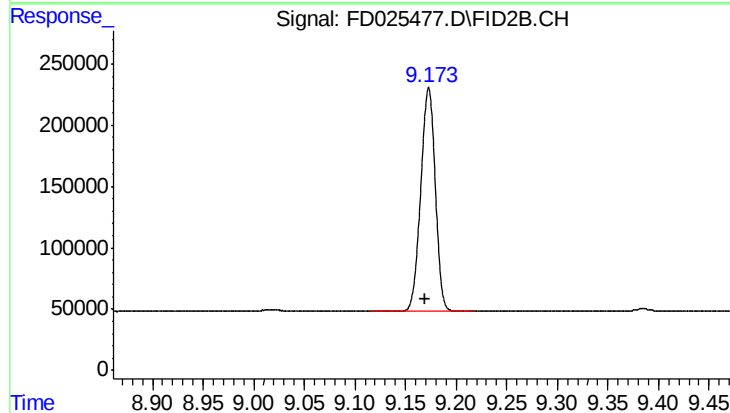
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min  
Delta R.T.: 0.002 min  
Response: 1126714  
Conc: 19.84 ug/ml



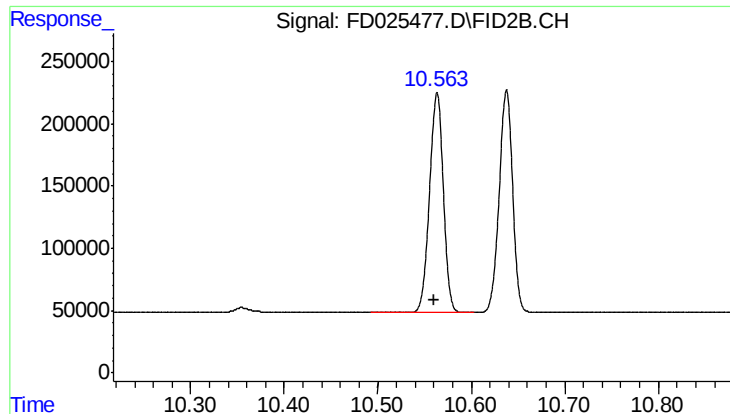
#7 Acenaphthene (C15.5)

R.T.: 8.393 min  
Delta R.T.: 0.002 min  
Response: 1858430  
Conc: 19.87 ug/ml



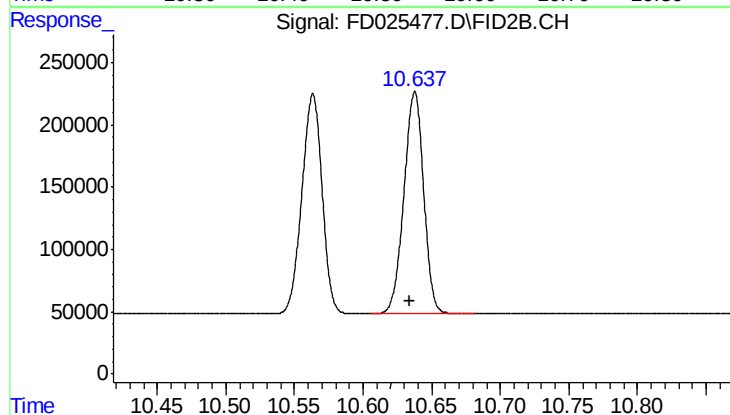
#8 Fluorene (C16.55)

R.T.: 9.173 min  
Delta R.T.: 0.003 min  
Response: 1827887  
Conc: 19.10 ug/ml



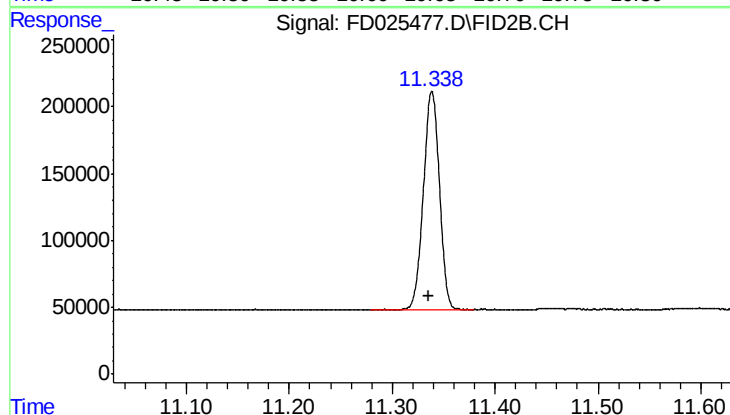
#9 Phenanthrene (C19.36)

R.T.: 10.564 min  
Delta R.T.: 0.003 min  
Response: 1816072  
Conc: 18.80 ug/ml



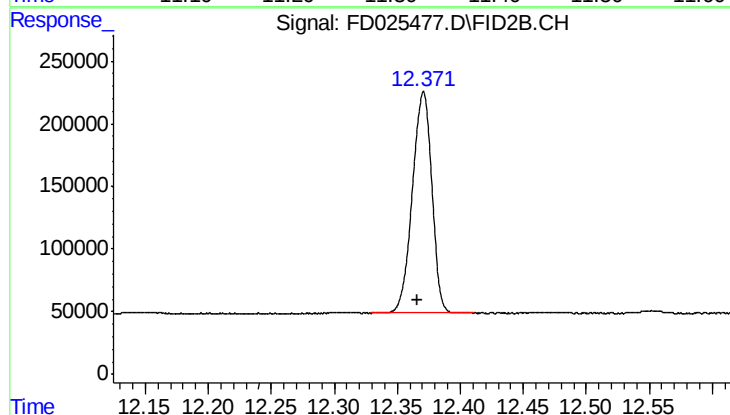
#10 Anthracene (C19.43)

R.T.: 10.638 min  
Delta R.T.: 0.004 min  
Response: 1778332  
Conc: 18.74 ug/ml



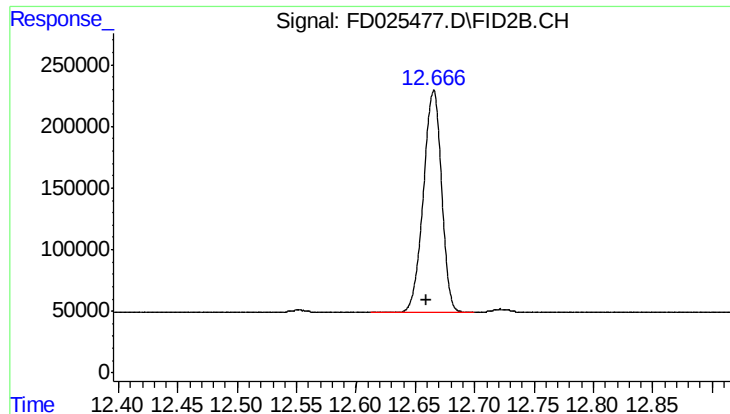
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min  
Delta R.T.: 0.003 min  
Response: 1761486  
Conc: 18.79 ug/ml



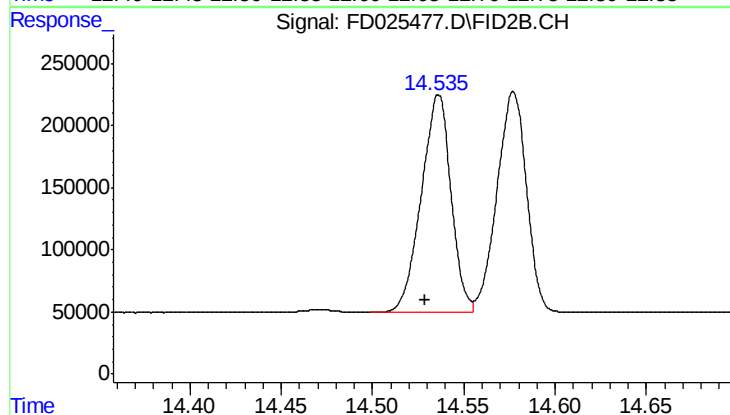
#12 Fluoranthene (C21.85)

R.T.: 12.371 min  
Delta R.T.: 0.005 min  
Response: 1895603  
Conc: 19.76 ug/ml



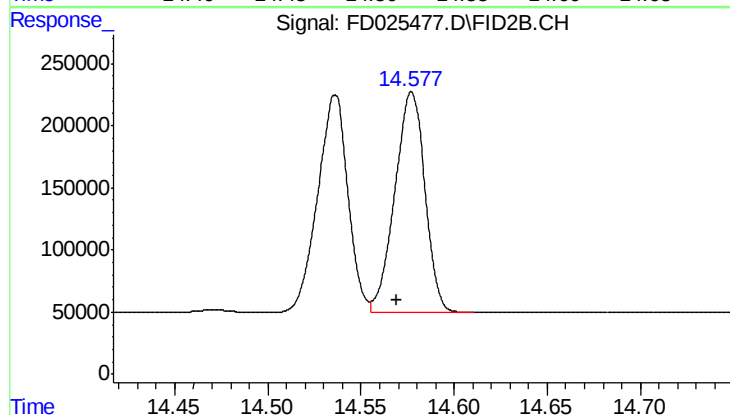
#13 Pyrene (C20.8)

R.T.: 12.666 min  
Delta R.T.: 0.006 min  
Response: 1927069  
Conc: 20.14 ug/ml



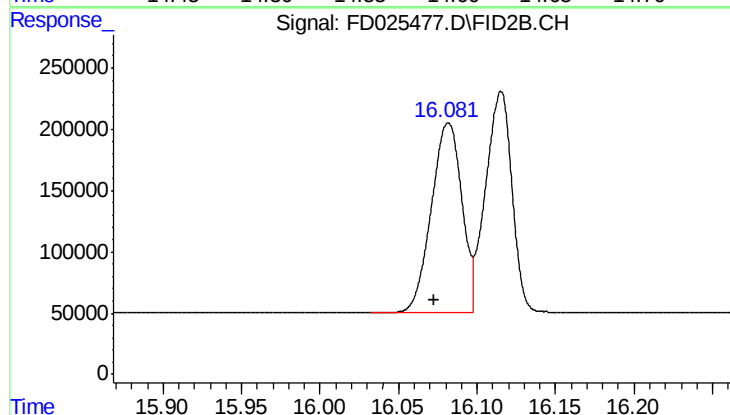
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min  
Delta R.T.: 0.008 min  
Response: 1990755  
Conc: 22.24 ug/ml



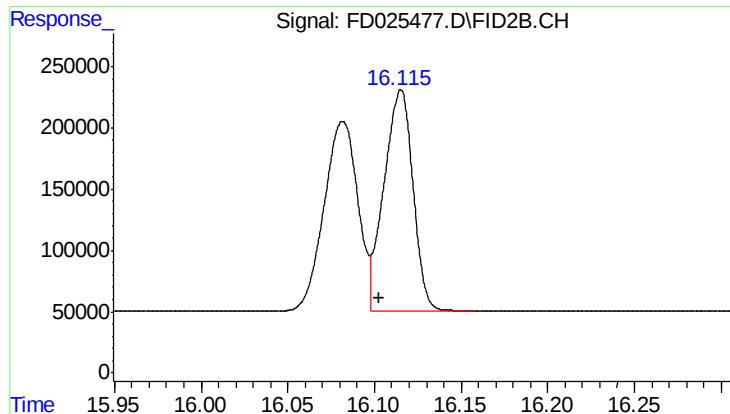
#15 Chrysene (C27.41)

R.T.: 14.577 min  
Delta R.T.: 0.008 min  
Response: 2001608  
Conc: 22.31 ug/ml



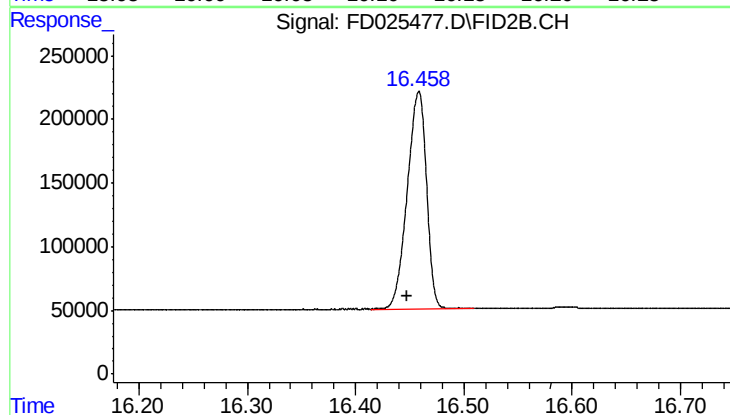
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min  
Delta R.T.: 0.010 min  
Response: 2098415  
Conc: 21.96 ug/ml



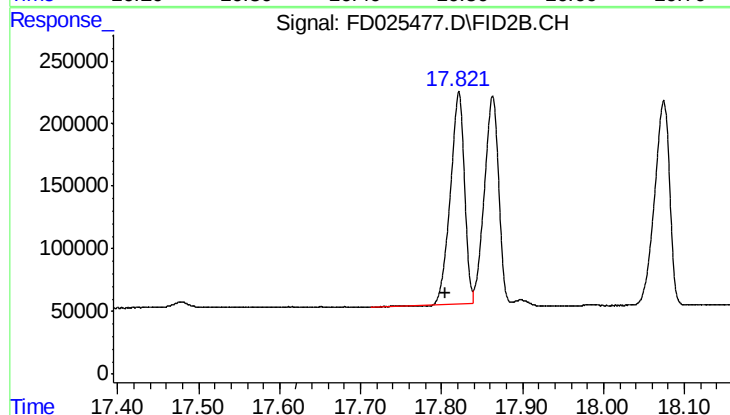
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min  
Delta R.T.: 0.012 min  
Response: 2112026  
Conc: 21.81 ug/ml



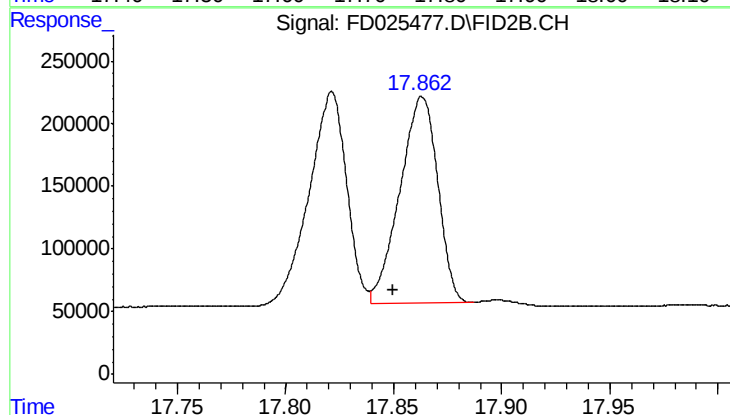
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min  
Delta R.T.: 0.011 min  
Response: 2107251  
Conc: 21.66 ug/ml



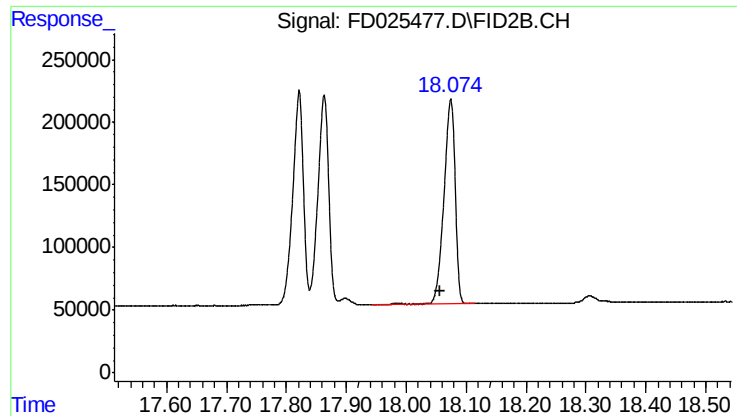
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min  
Delta R.T.: 0.016 min  
Response: 2029492  
Conc: 19.80 ug/ml



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

R.T.: 17.863 min  
Delta R.T.: 0.013 min  
Response: 2011377  
Conc: 19.97 ug/ml



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

R.T.: 18.074 min  
Delta R.T.: 0.017 min  
Response: 2138443  
Conc: 20.67 ug/ml