

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011519AR\
 Data File : FD027286.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2019 18:33
 Operator : AJ\SJ
 Sample : K1126-01MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 06:33:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 2019
 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...	7.360	4878618	51.644 ug/ml
Spiked Amount 50.000		Recovery =	103.29%
6) S 2-Fluorobiphenyl (SURR)	8.211	3448184	54.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.14%
11) S ortho-Terphenyl (SURR)	11.252	4471631	41.951 ug/ml
Spiked Amount 50.000		Recovery =	83.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	3414722	33.680 ug/ml
2) T Naphthalene (C11.7)	5.695	4050759	37.420 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	4419179	41.363 ug/ml
5) T Acenaphthylene (C15.06)	8.014	4651532	45.225 ug/ml
7) T Acenaphthene (C15.5)	8.310	4735193	43.954 ug/ml
8) T Flouorene (C16.55)	9.089	4851865	45.570 ug/ml
9) T Phenanthrene (C19.36)	10.478	5260181	49.860 ug/ml
10) T Anthracene (C19.43)	10.553	5137234	49.222 ug/ml
12) T Fluoranthene (C21.85)	12.285	6538327	62.781 ug/ml
13) T Pyrene (C20.8)	12.578	5569628	53.939 ug/ml
14) T Benzo[a]anthracene (C...	14.446	5335893	54.405 ug/ml
15) T Chrysene (C27.41)	14.490	5493695	55.877 ug/ml
16) T benzo[b]fluoranthene ...	15.993	5569223	55.094 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	5347400	52.906 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	5208624	51.507 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	4928275	47.223 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	4793005	46.789 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	5180087	49.134 ug/ml

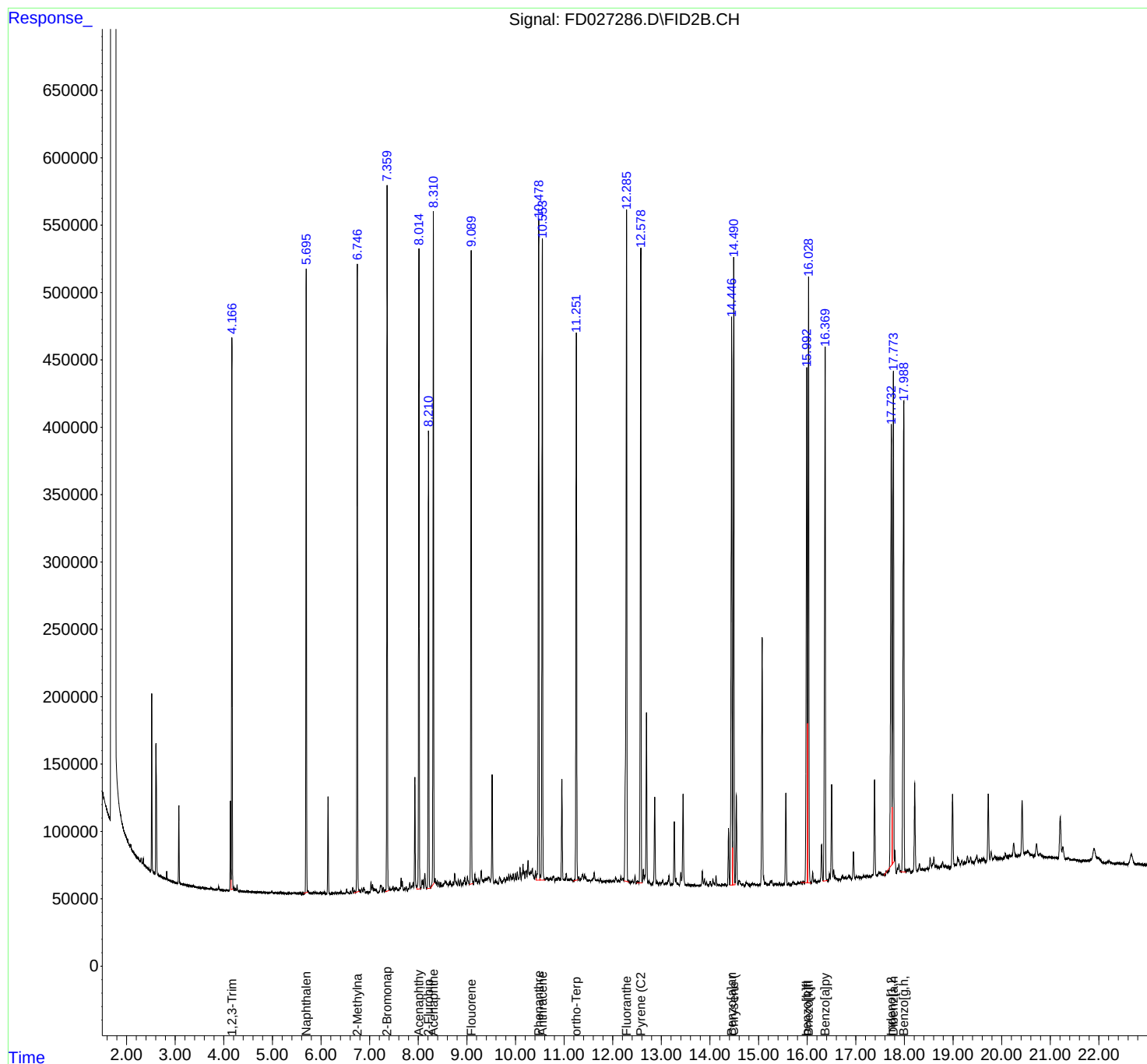
(f)=RT Delta > 1/2 Window

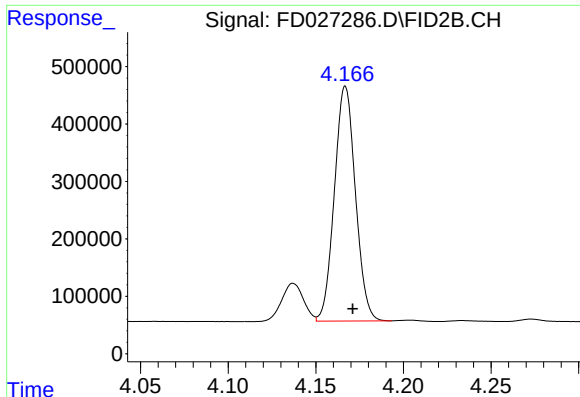
(m)=manual int.

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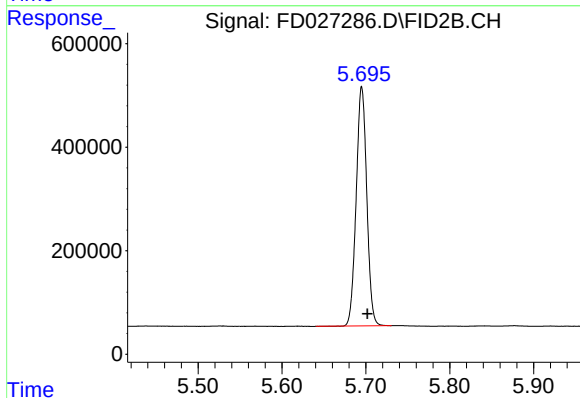
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Signal Info : 20M x 0.18mm x 0.18µm





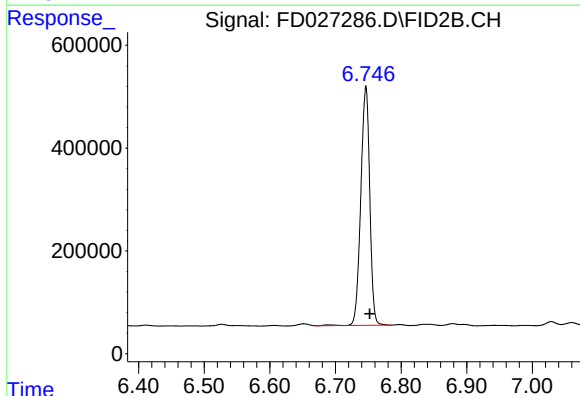
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 3414722
Conc: 33.68 ug/ml



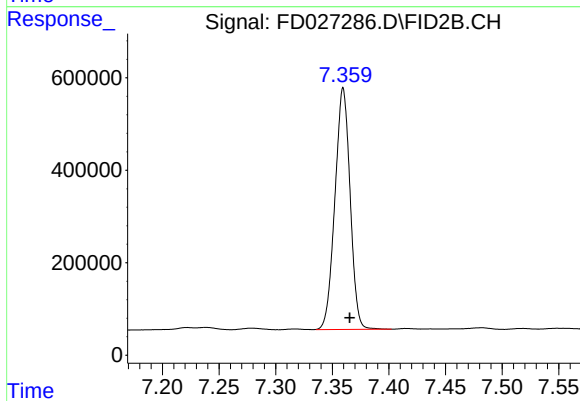
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 4050759
Conc: 37.42 ug/ml



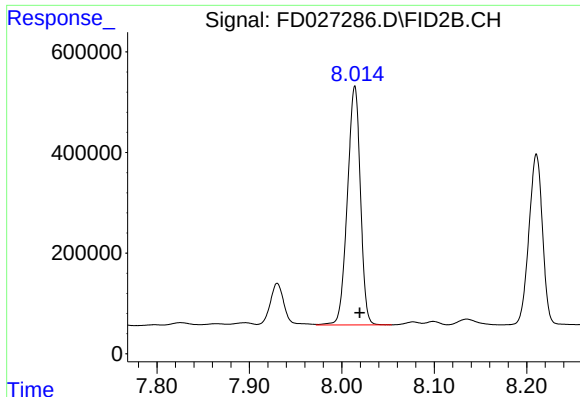
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 4419179
Conc: 41.36 ug/ml



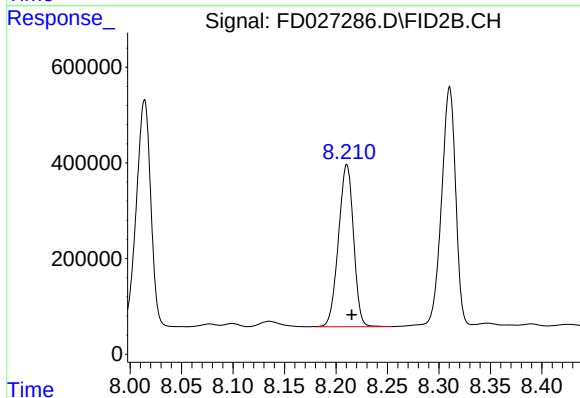
#4 2-Bromonaphthalene (SURR)

R.T.: 7.360 min
Delta R.T.: -0.006 min
Response: 4878618
Conc: 51.64 ug/ml



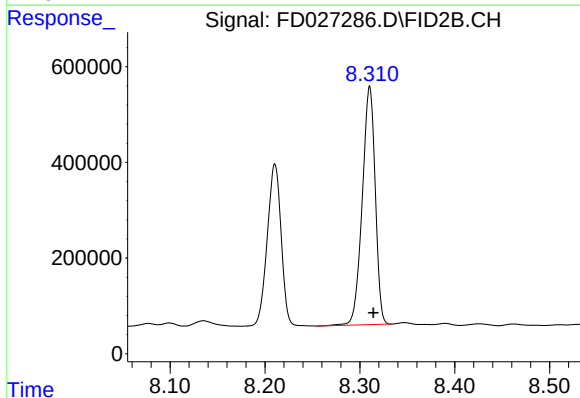
#5 Acenaphthylene (C15.06)

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 4651532
Conc: 45.23 ug/ml



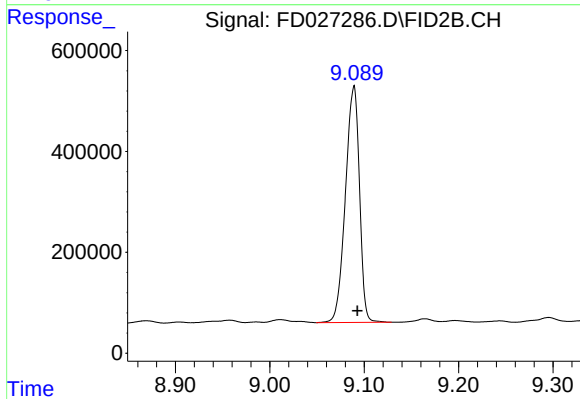
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 3448184
Conc: 54.07 ug/ml



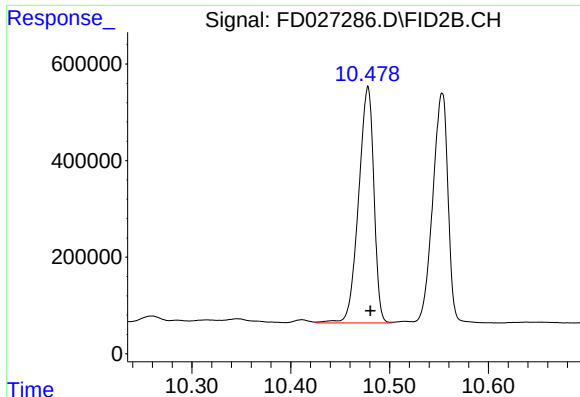
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 4735193
Conc: 43.95 ug/ml



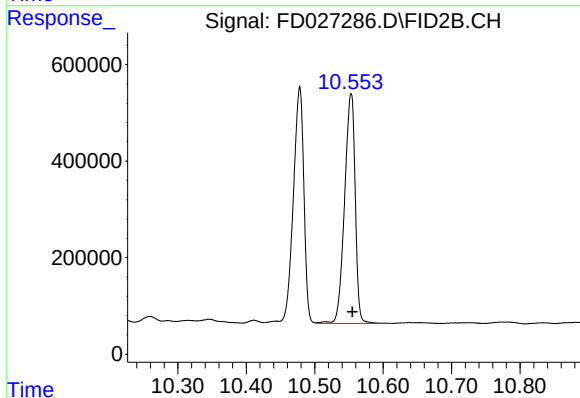
#8 Fluorene (C16.55)

R.T.: 9.089 min
Delta R.T.: -0.004 min
Response: 4851865
Conc: 45.57 ug/ml



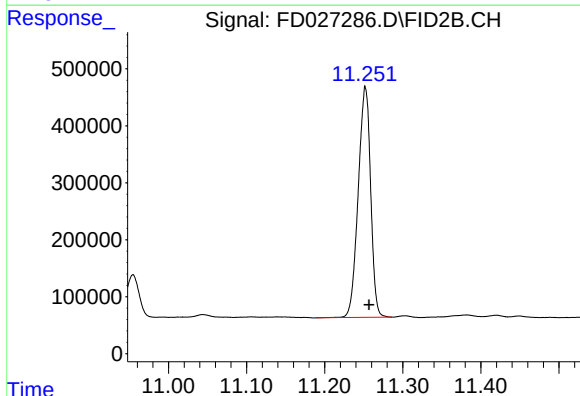
#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: -0.002 min
Response: 5260181
Conc: 49.86 ug/ml



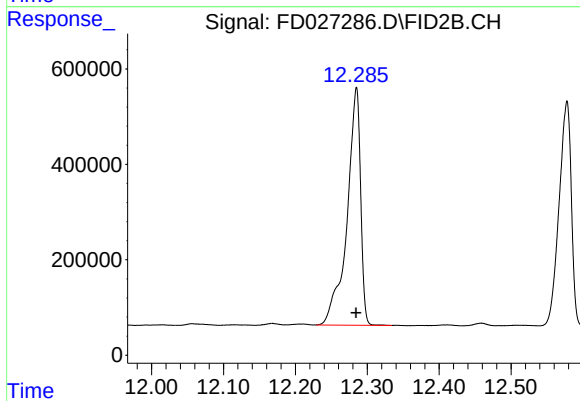
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.002 min
Response: 5137234
Conc: 49.22 ug/ml



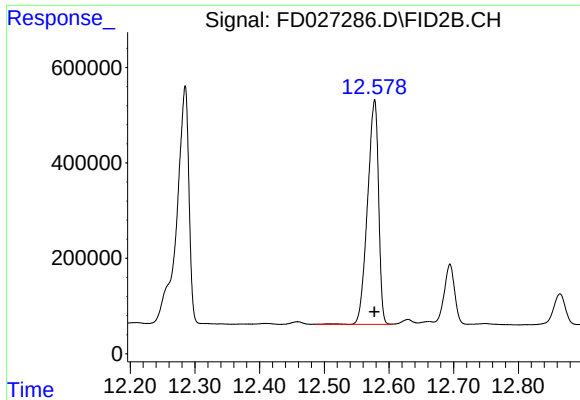
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 4471631
Conc: 41.95 ug/ml



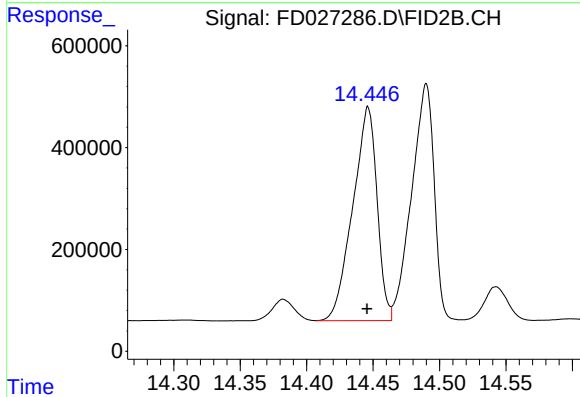
#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: 0.000 min
Response: 6538327
Conc: 62.78 ug/ml



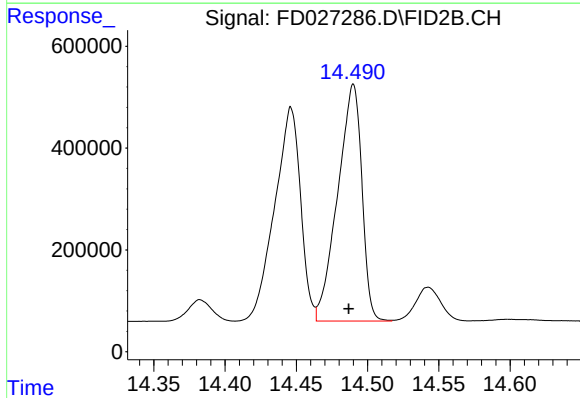
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: 0.000 min
Response: 5569628
Conc: 53.94 ug/ml



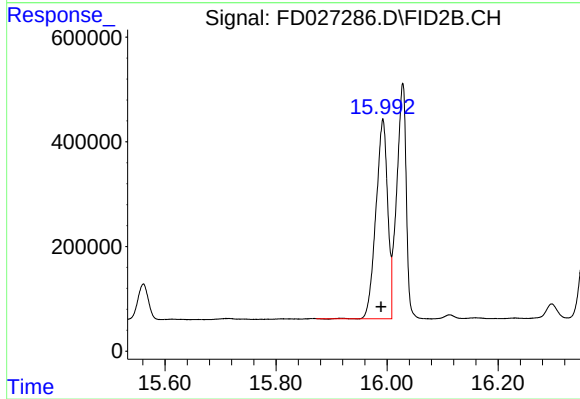
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.000 min
Response: 5335893
Conc: 54.41 ug/ml



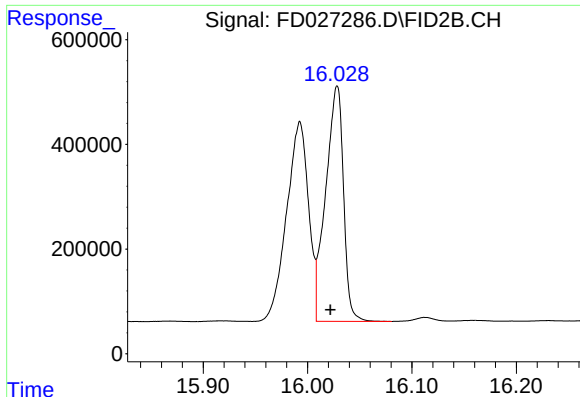
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.003 min
Response: 5493695
Conc: 55.88 ug/ml



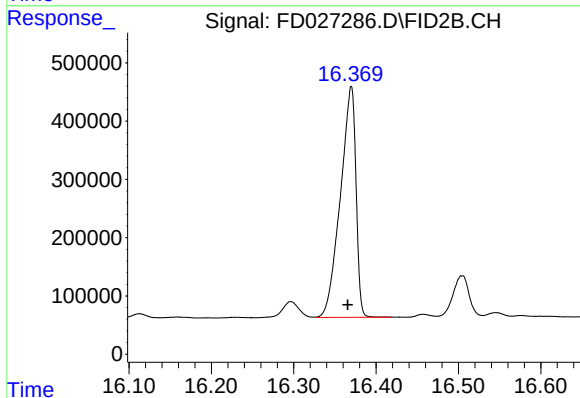
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.993 min
Delta R.T.: 0.003 min
Response: 5569223
Conc: 55.09 ug/ml



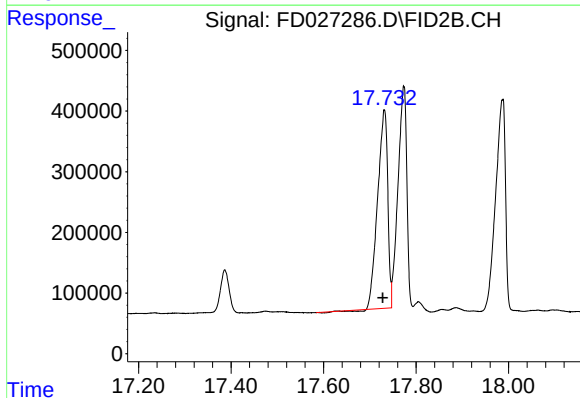
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min
Delta R.T.: 0.006 min
Response: 5347400
Conc: 52.91 ug/ml



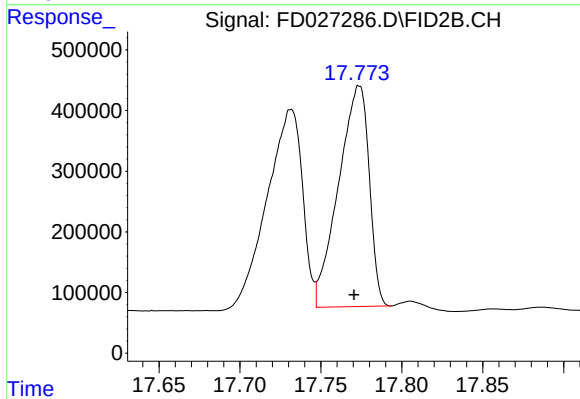
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.004 min
Response: 5208624
Conc: 51.51 ug/ml



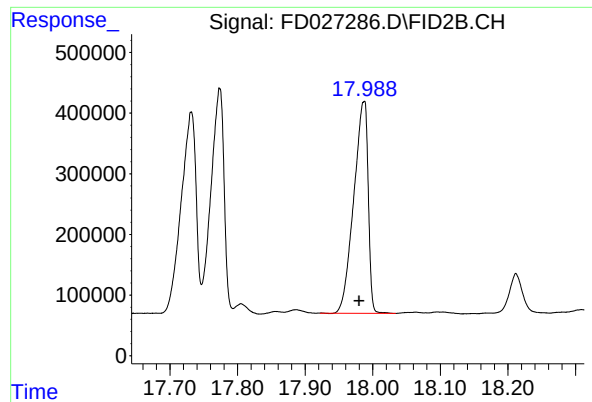
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.004 min
Response: 4928275
Conc: 47.22 ug/ml



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

R.T.: 17.774 min
Delta R.T.: 0.003 min
Response: 4793005
Conc: 46.79 ug/ml



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

R.T.: 17.987 min
Delta R.T.: 0.007 min
Response: 5180087
Conc: 49.13 ug/ml