

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025729.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2018 12:51
 Operator : AJ\SJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:16:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:15:01 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...	7.429	389207	4.982 ug/ml
Spiked Amount 50.000		Recovery =	9.96%
6) S 2-Fluorobiphenyl (SURR)	8.280	275718	5.005 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.01%
11) S ortho-Terphenyl (SURR)	11.323	432927	5.042 ug/ml
Spiked Amount 50.000		Recovery =	10.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	425185	5.025 ug/ml
2) T Naphthalene (C11.7)	5.764	458173	5.003 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	446707	5.004 ug/ml
5) T Acenaphthylene (C15.06)	8.084	438914	5.055 ug/ml
7) T Acenaphthene (C15.5)	8.379	461488	5.099 ug/ml
8) T Fluorene (C16.55)	9.158	452116	5.040 ug/ml
9) T Phenanthrene (C19.36)	10.548	467872	5.030 ug/ml
10) T Anthracene (C19.43)	10.621	459560	5.024 ug/ml
12) T Fluoranthene (C21.85)	12.352	493999	5.050 ug/ml
13) T Pyrene (C20.8)	12.646	504247	5.080 ug/ml
14) T Benzo[a]anthracene (C...	14.514	480099	4.959 ug/ml
15) T Chrysene (C27.41)	14.556	485361	4.989 ug/ml
16) T benzo[b]fluoranthene ...	16.059	486218	4.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	490798	5.043 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	481809	4.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	454671	4.748 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	448614	4.808 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	475445	4.928 ug/ml

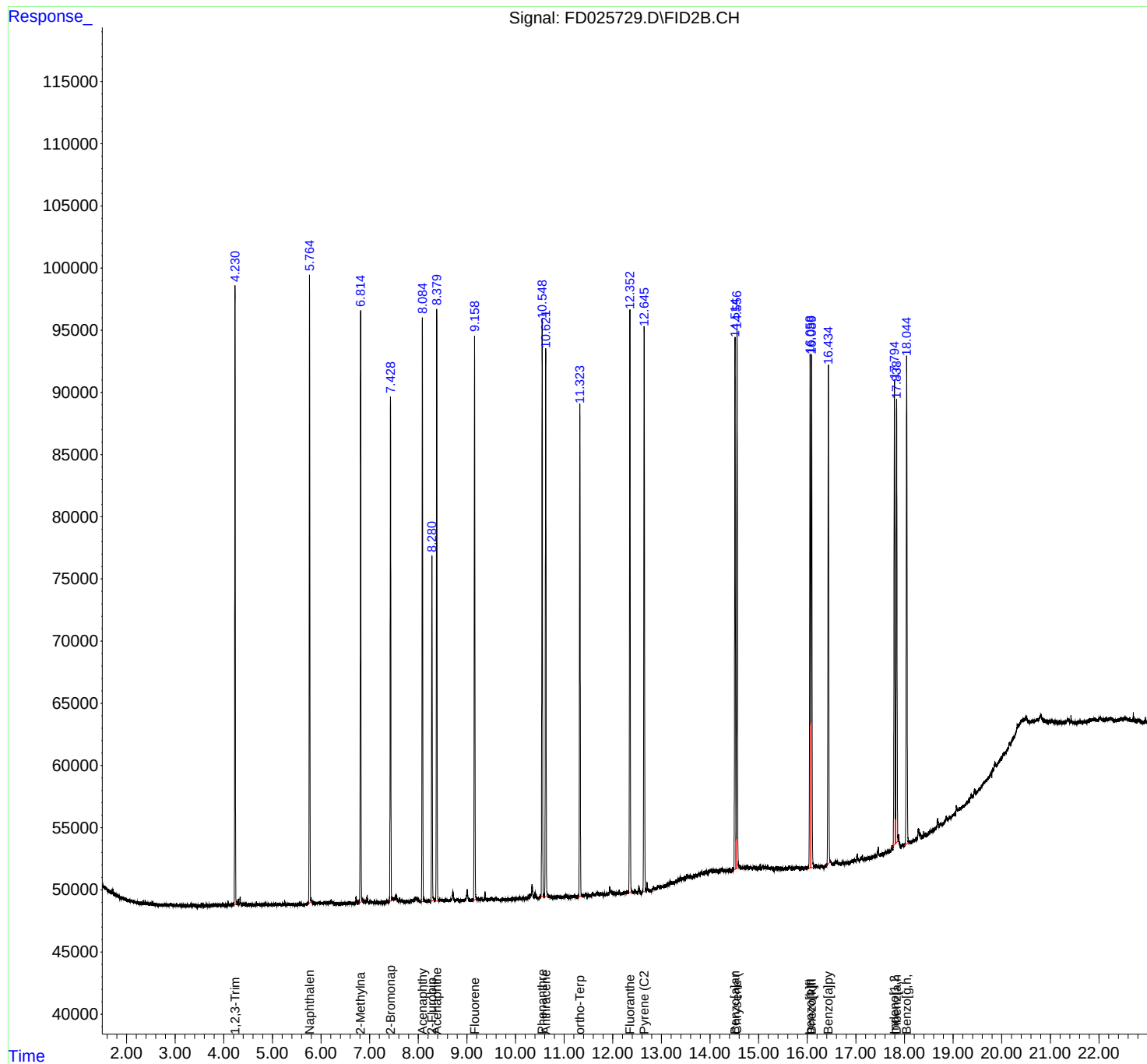
(f)=RT Delta > 1/2 Window

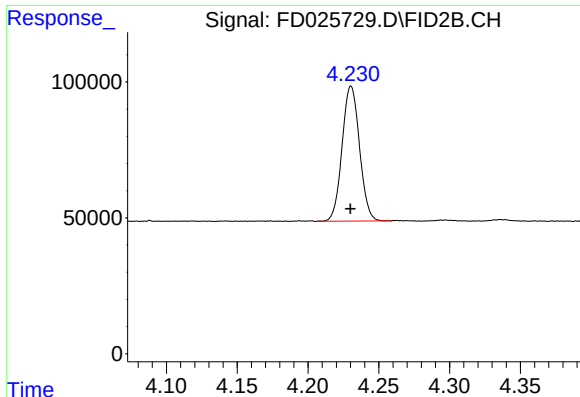
(m)=manual int.

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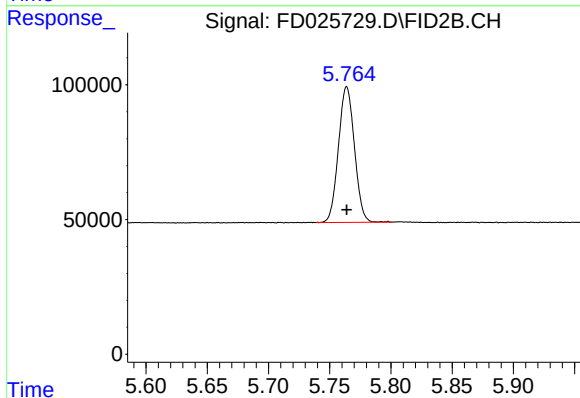
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Signal Info : 20M x 0.18mm x 0.18µm





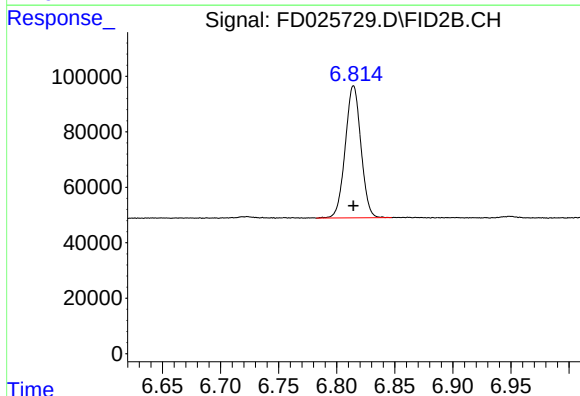
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 425185
Conc: 5.02 ug/ml



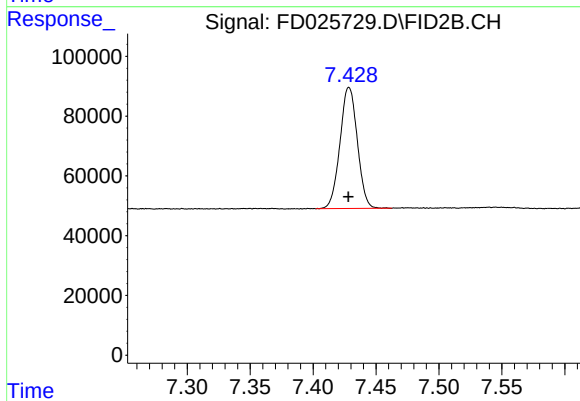
#2 Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 458173
Conc: 5.00 ug/ml



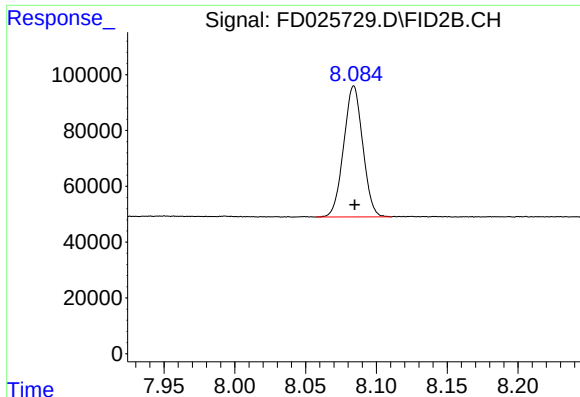
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 446707
Conc: 5.00 ug/ml



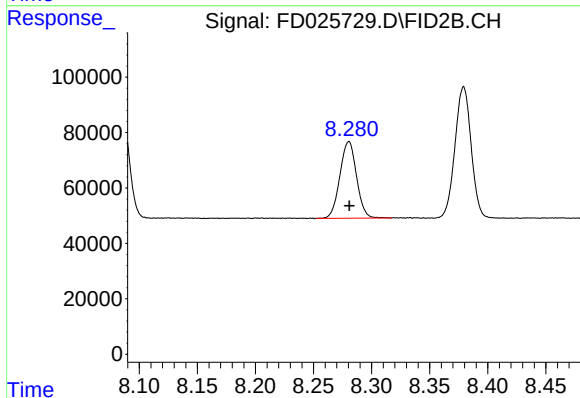
#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 389207
Conc: 4.98 ug/ml



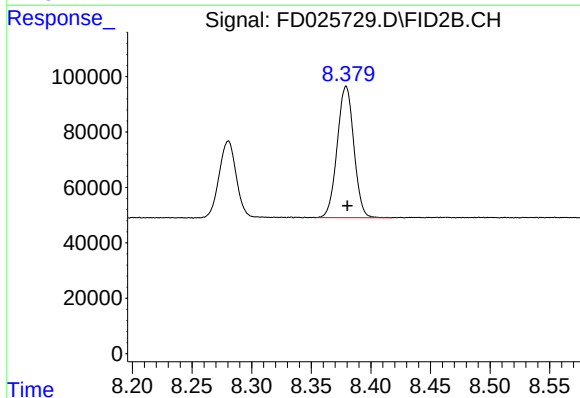
#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 438914
Conc: 5.05 ug/ml



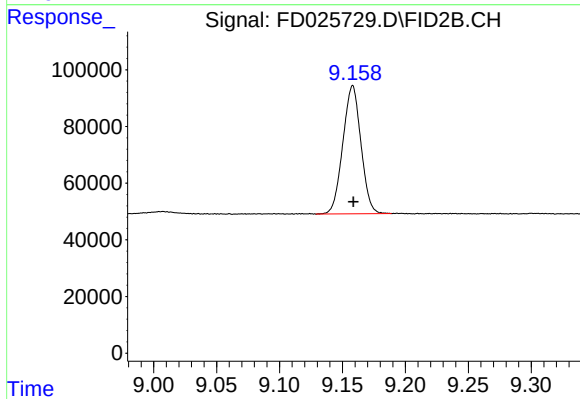
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 275718
Conc: 5.00 ug/ml



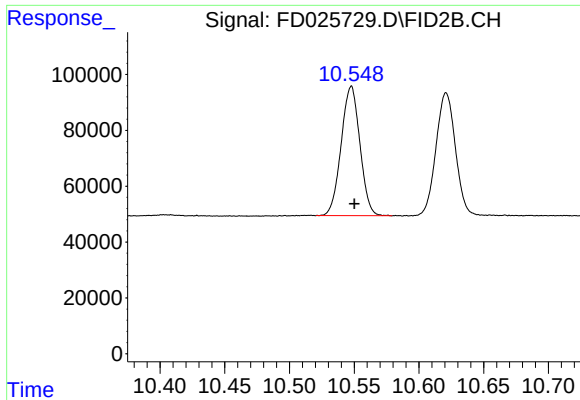
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.001 min
Response: 461488
Conc: 5.10 ug/ml



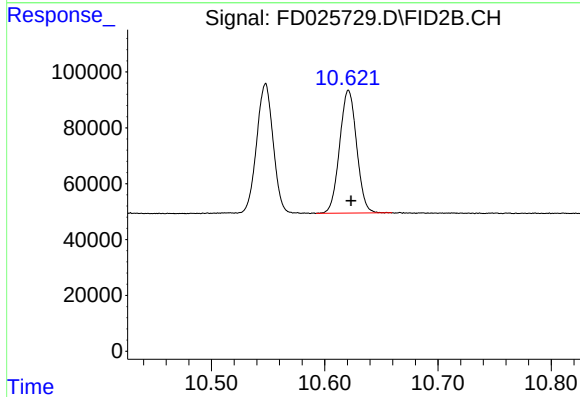
#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: 0.000 min
Response: 452116
Conc: 5.04 ug/ml



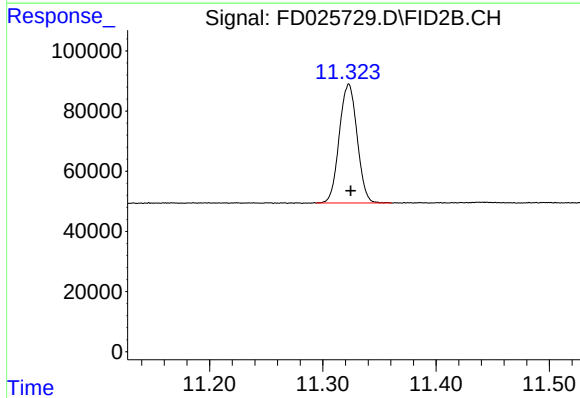
#9 Phenanthrene (C19.36)

R.T.: 10.548 min
Delta R.T.: -0.002 min
Response: 467872
Conc: 5.03 ug/ml



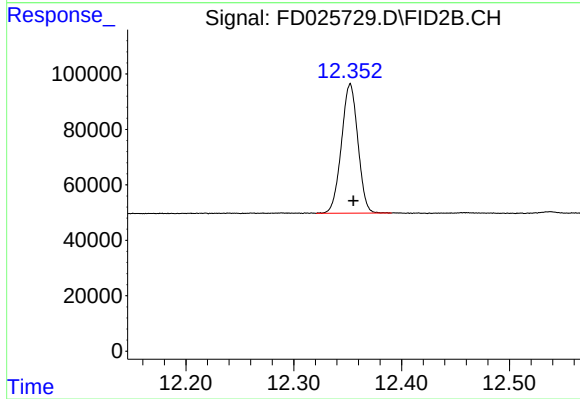
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.002 min
Response: 459560
Conc: 5.02 ug/ml



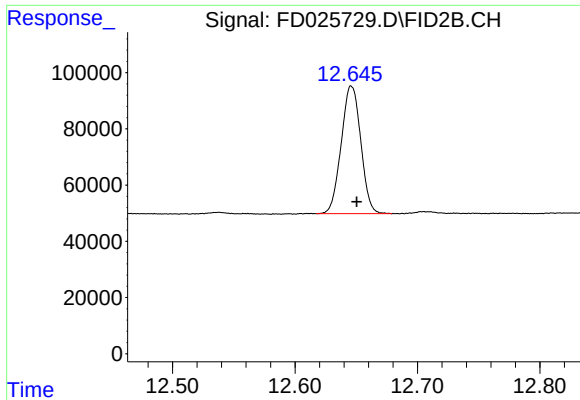
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 432927
Conc: 5.04 ug/ml



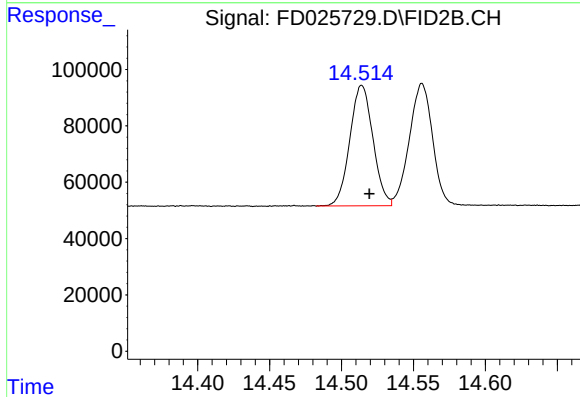
#12 Fluoranthene (C21.85)

R.T.: 12.352 min
Delta R.T.: -0.003 min
Response: 493999
Conc: 5.05 ug/ml



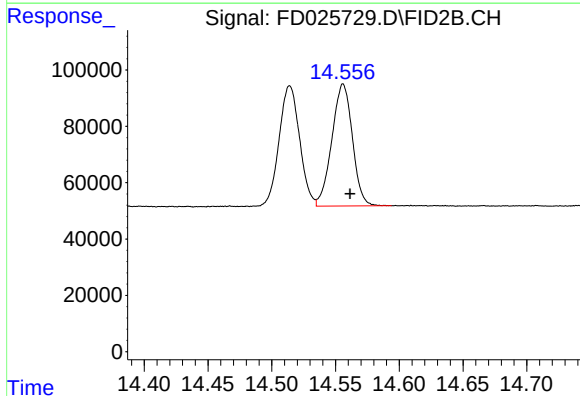
#13 Pyrene (C20.8)

R.T.: 12.646 min
Delta R.T.: -0.004 min
Response: 504247
Conc: 5.08 ug/ml



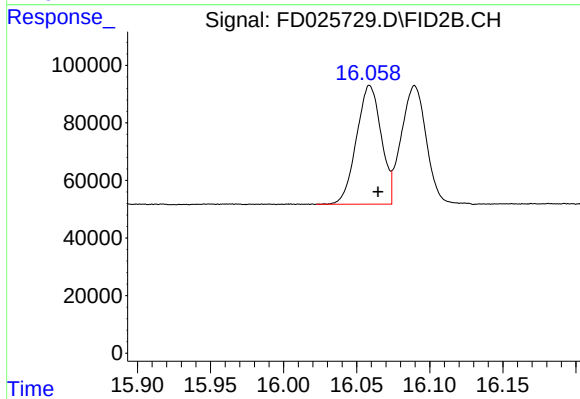
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.005 min
Response: 480099
Conc: 4.96 ug/ml



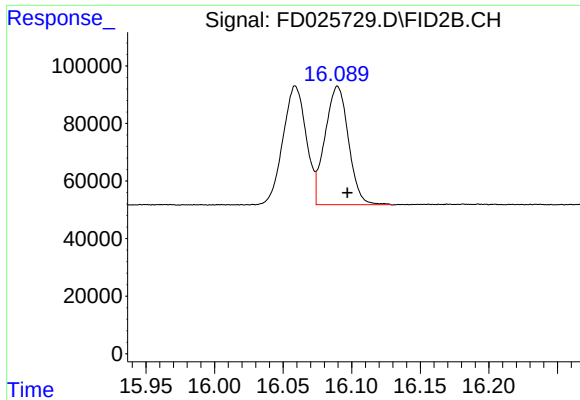
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: -0.005 min
Response: 485361
Conc: 4.99 ug/ml



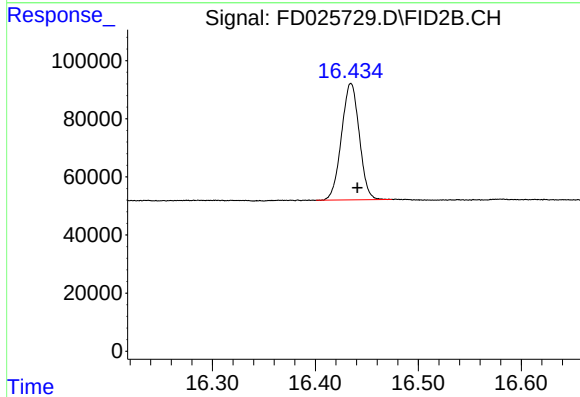
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: -0.006 min
Response: 486218
Conc: 4.94 ug/ml



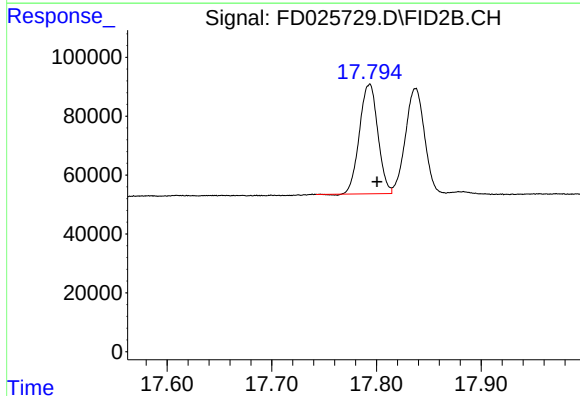
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min
Delta R.T.: -0.007 min
Response: 490798
Conc: 5.04 ug/ml



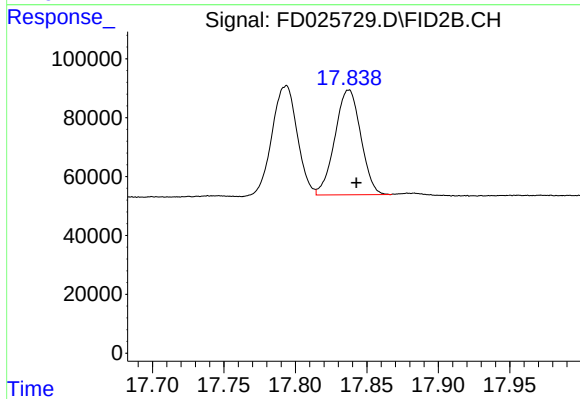
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.435 min
Delta R.T.: -0.006 min
Response: 481809
Conc: 4.92 ug/ml



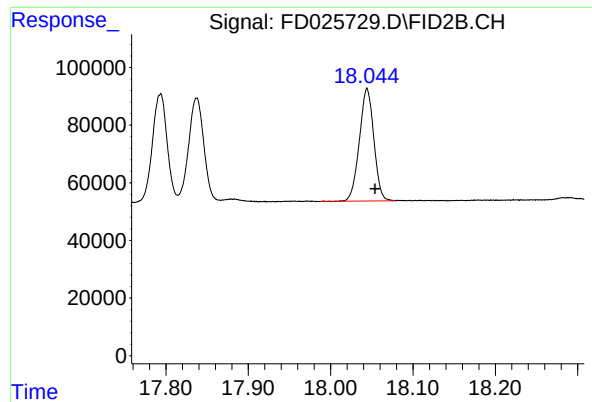
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.007 min
Response: 454671
Conc: 4.75 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 448614
Conc: 4.81 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 475445
Conc: 4.93 ug/ml