

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046671.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 11:01
 Operator : YP/AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:38:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.491	8288841	47.035 ug/ml
Spiked Amount 50.000		Recovery =	94.07%
6) S 2-Fluorobiphenyl (SURR)	8.343	4762695	41.108 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.22%
11) S ortho-Terphenyl (SURR)	11.383	9268536	45.494 ug/ml
Spiked Amount 50.000		Recovery =	90.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	401383	2.173 ug/ml
2) T Naphthalene (C11.7)	5.829	459366	2.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	479387	2.474 ug/ml
5) T Acenaphthylene (C15.06)	8.144	510768	2.897 ug/ml
7) T Acenaphthene (C15.5)	8.438	475736	2.532 ug/ml
8) T Fluorene (C16.55)	9.218	480199	2.662 ug/ml
9) T Phenanthrene (C19.36)	10.605	461440	2.624 ug/ml
10) T Anthracene (C19.43)	10.680	447366	2.913 ug/ml
12) T Fluoranthene (C21.85)	12.407	486898	2.857 ug/ml
13) T Pyrene (C20.8)	12.701	479055	2.920 ug/ml
14) T Benzo[a]anthracene (C...	14.564	407789	2.920 ug/ml
15) T Chrysene (C27.41)	14.605	453224	2.986 ug/ml
16) T benzo[b]fluoranthene ...	16.104	399630	2.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	417412	3.013 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	387034	2.893 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	344752	2.750 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	395253	2.970 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	363933	2.760 ug/ml

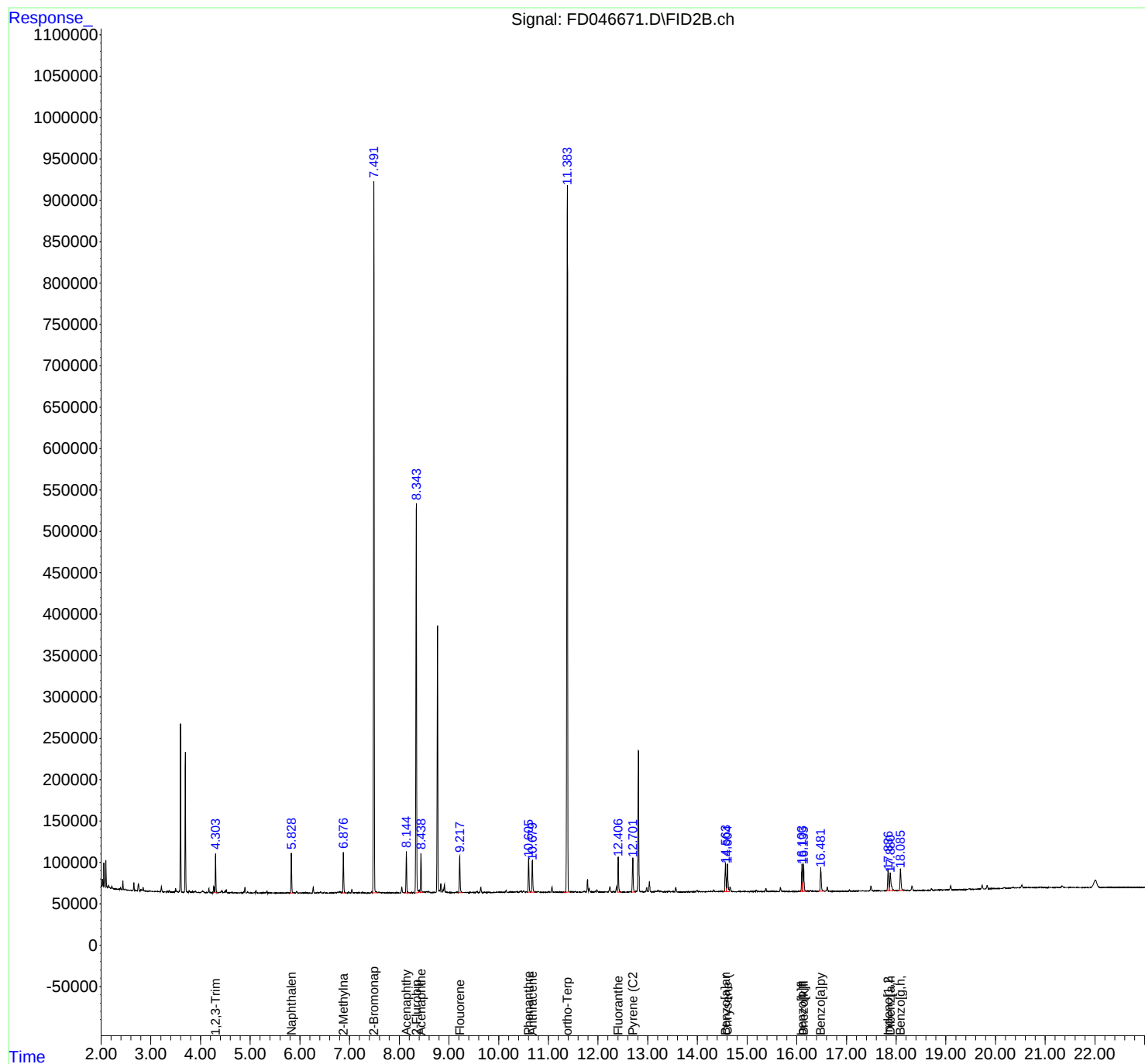
(f)=RT Delta > 1/2 Window

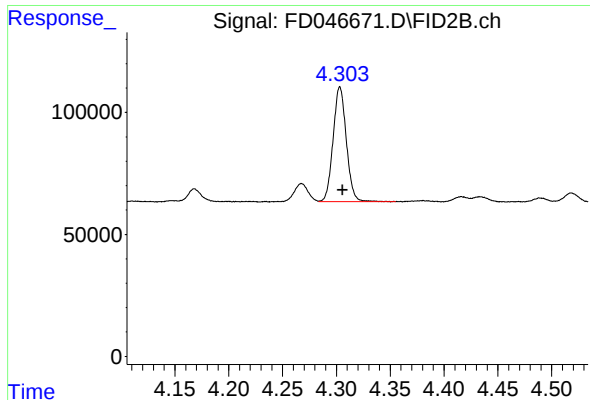
(m)=manual int.

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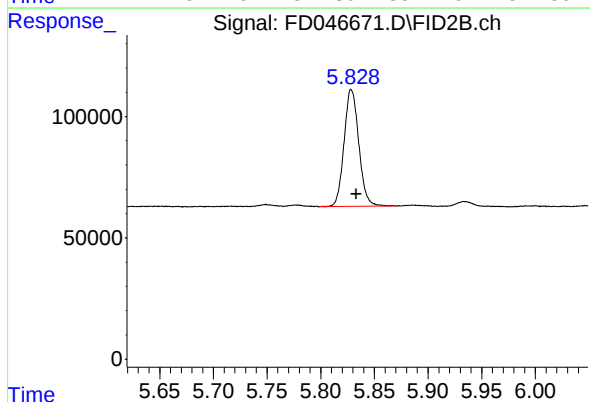
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





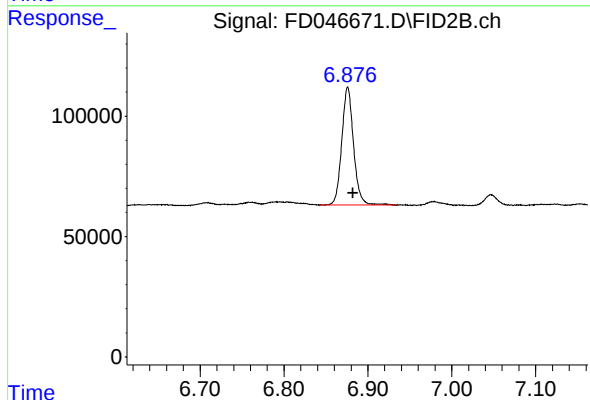
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 401383
Conc: 2.17 ug/ml



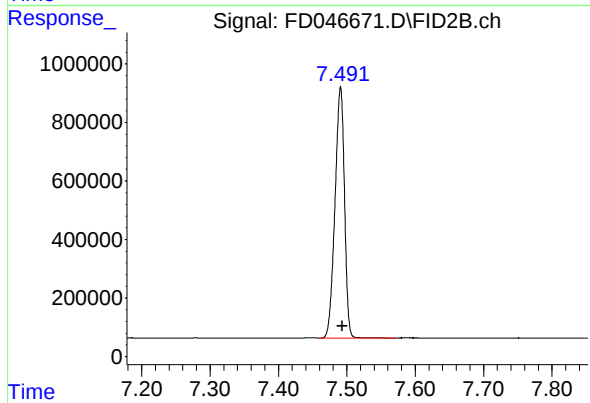
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 459366
Conc: 2.38 ug/ml



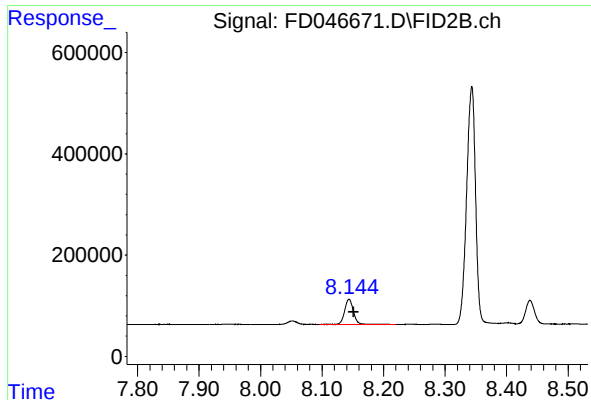
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 479387
Conc: 2.47 ug/ml



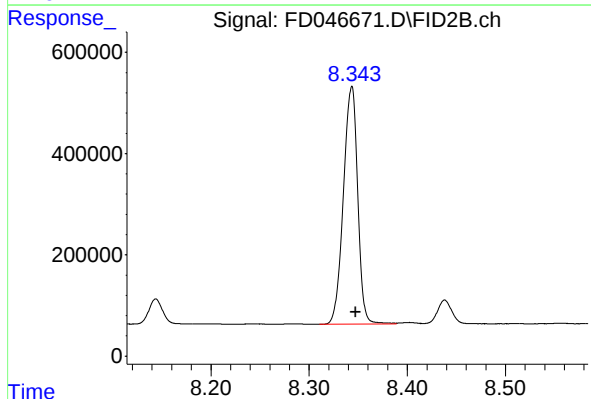
#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 8288841
Conc: 47.04 ug/ml



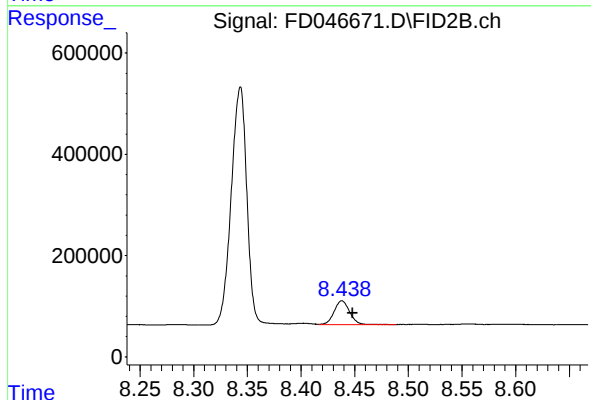
#5 Acenaphthylene (C15.06)

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 510768
Conc: 2.90 ug/ml



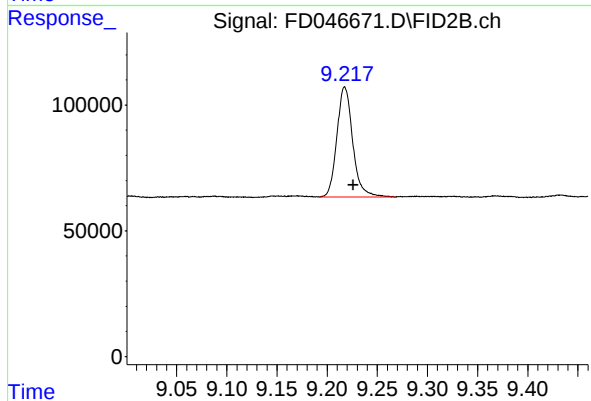
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 4762695
Conc: 41.11 ug/ml



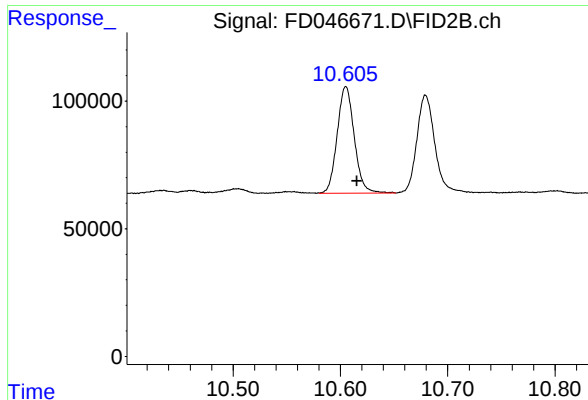
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.010 min
Response: 475736
Conc: 2.53 ug/ml



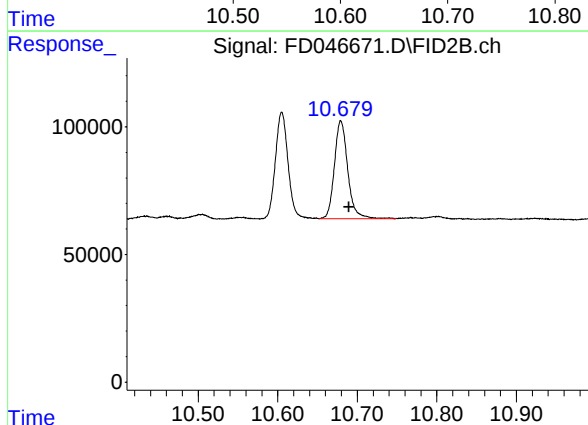
#8 Flouorene (C16.55)

R.T.: 9.218 min
Delta R.T.: -0.008 min
Response: 480199
Conc: 2.66 ug/ml



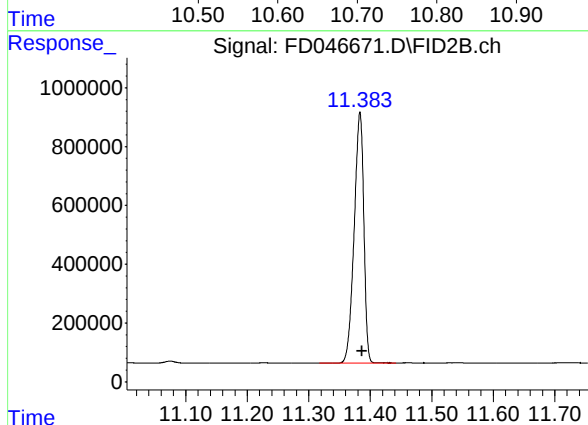
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: -0.010 min
Response: 461440
Conc: 2.62 ug/ml



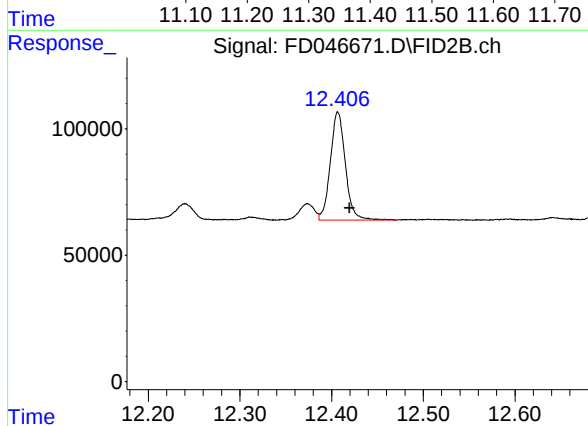
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: -0.010 min
Response: 447366
Conc: 2.91 ug/ml



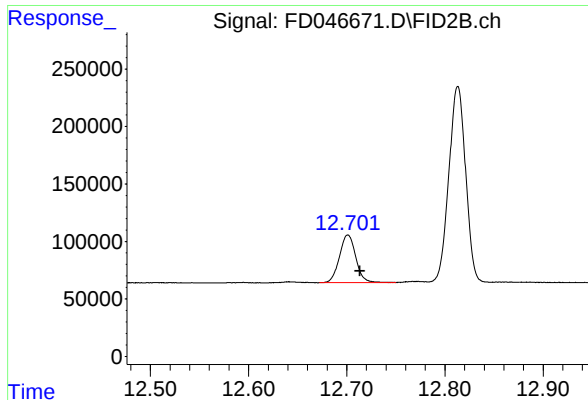
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 9268536
Conc: 45.49 ug/ml



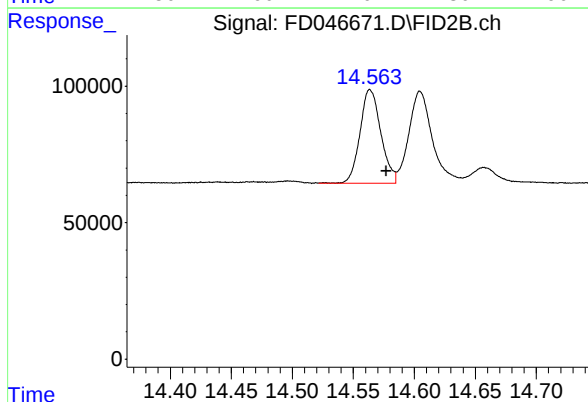
#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: -0.013 min
Response: 486898
Conc: 2.86 ug/ml



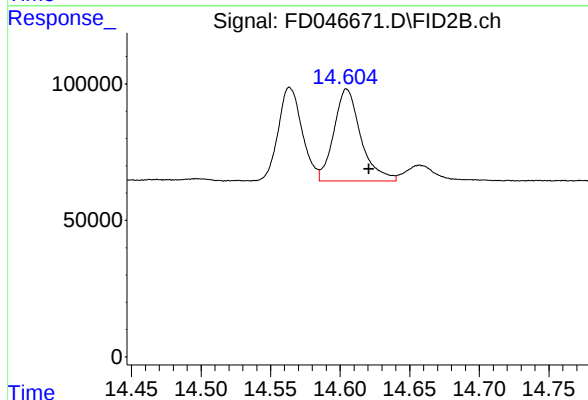
#13 Pyrene (C20.8)

R.T.: 12.701 min
Delta R.T.: -0.012 min
Response: 479055
Conc: 2.92 ug/ml



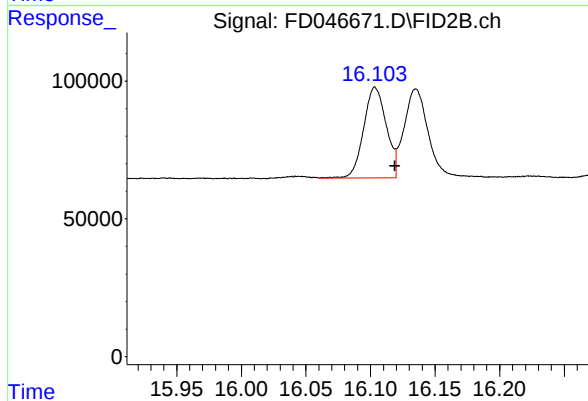
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.564 min
Delta R.T.: -0.013 min
Response: 407789
Conc: 2.92 ug/ml



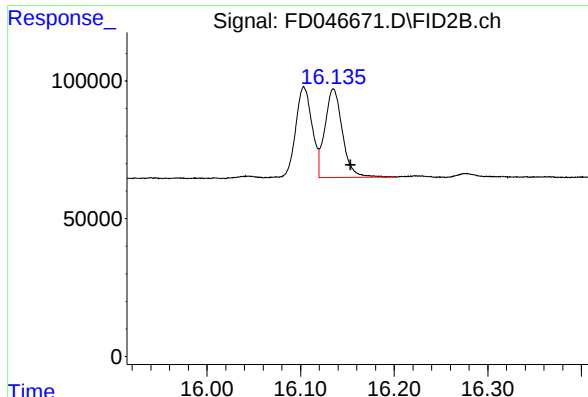
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: -0.016 min
Response: 453224
Conc: 2.99 ug/ml



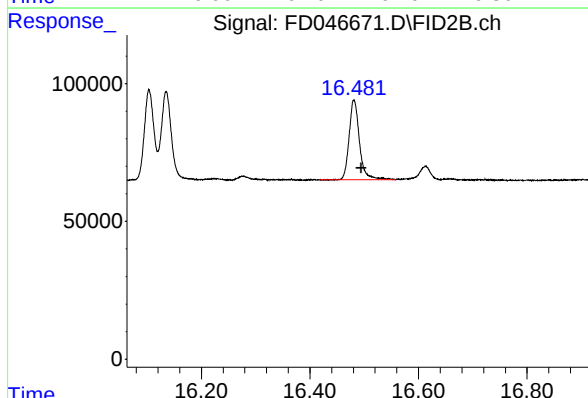
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.104 min
Delta R.T.: -0.015 min
Response: 399630
Conc: 2.91 ug/ml



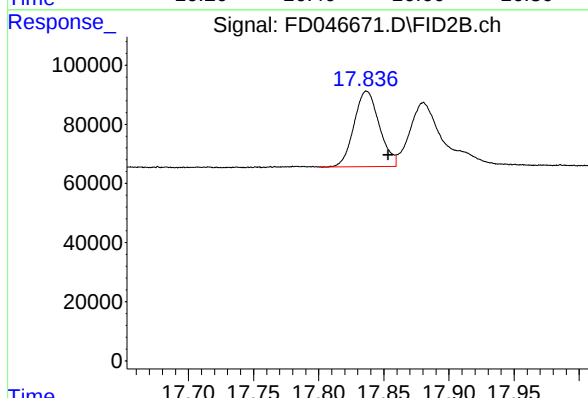
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: -0.019 min
Response: 417412
Conc: 3.01 ug/ml



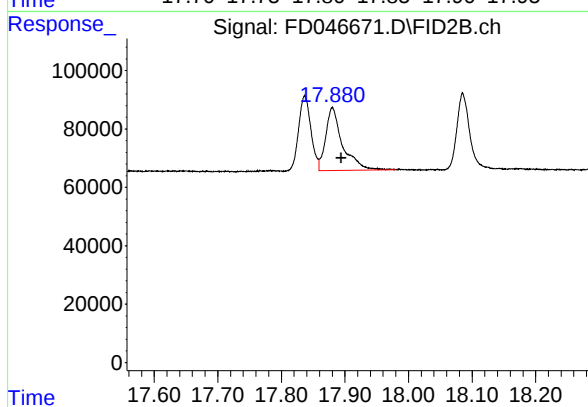
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: -0.013 min
Response: 387034
Conc: 2.89 ug/ml



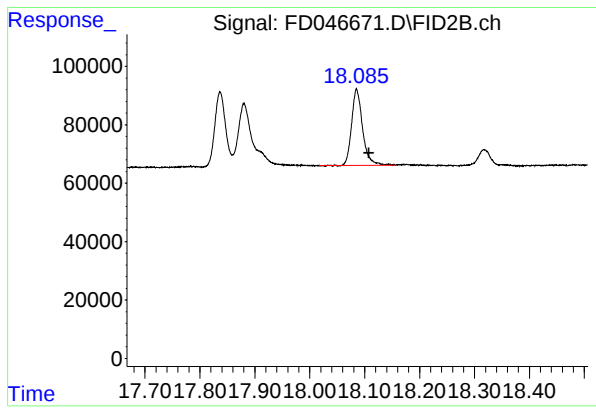
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: -0.017 min
Response: 344752
Conc: 2.75 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 395253
Conc: 2.97 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.023 min
Response: 363933
Conc: 2.76 ug/ml