

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02223AR\
 Data File : FD045122.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 04:19
 Operator : YP/AJ
 Sample : 01627-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.556	6340726	47.276 ug/ml
Spiked Amount 50.000		Recovery =	94.55%
6) S 2-Fluorobiphenyl (SURR)	8.412	4244875	47.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.73%
11) S ortho-Terphenyl (SURR)	11.453	6657789	39.585 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	314833	2.103 ug/ml
2) T Naphthalene (C11.7)	5.894	361409	2.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	387728	2.478 ug/ml
5) T Acenaphthylene (C15.06)	8.213	343402	2.405 ug/ml
7) T Acenaphthene (C15.5)	8.508	355845	2.360 ug/ml
8) T Fluorene (C16.55)	9.286	360381	2.445 ug/ml
9) T Phenanthrene (C19.36)	10.677	335595	2.318 ug/ml
10) T Anthracene (C19.43)	10.750	335967	2.481 ug/ml
12) T Fluoranthene (C21.85)	12.481	348640	2.432 ug/ml
13) T Pyrene (C20.8)	12.776	336121	2.400 ug/ml
14) T Benzo[a]anthracene (C...	14.680	318660	2.505 ug/ml
15) T Chrysene (C27.41)	14.730	59418	0.449 ug/ml
16) T benzo[b]fluoranthene ...	16.211	316461	2.413 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	316461	2.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	282977	2.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.955	283689	2.259 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	283689	2.319 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	303698	2.394 ug/ml

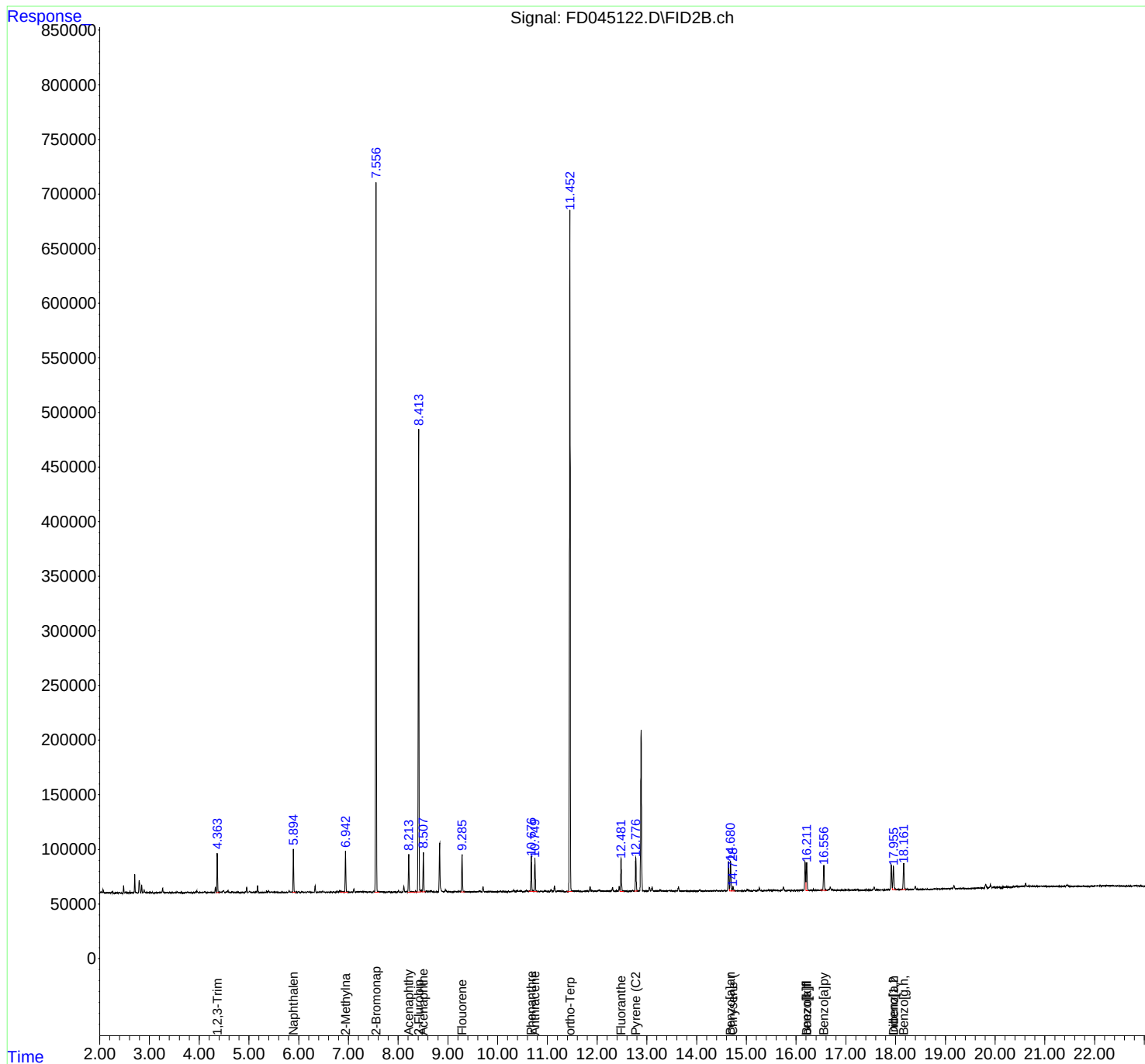
(f)=RT Delta > 1/2 Window

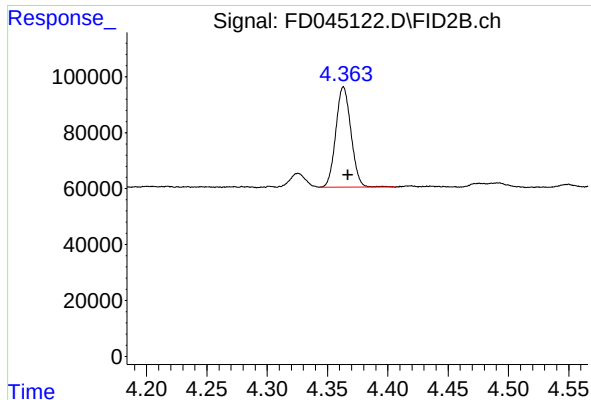
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
Data File : FD045122.D
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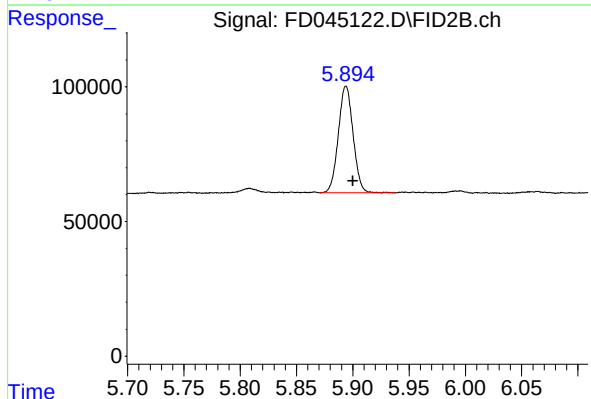
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





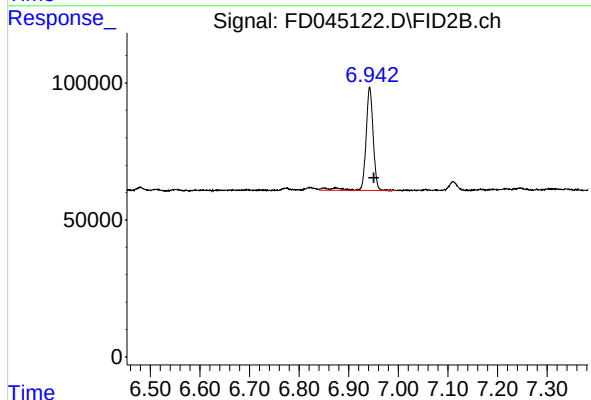
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 314833
Conc: 2.10 ug/ml



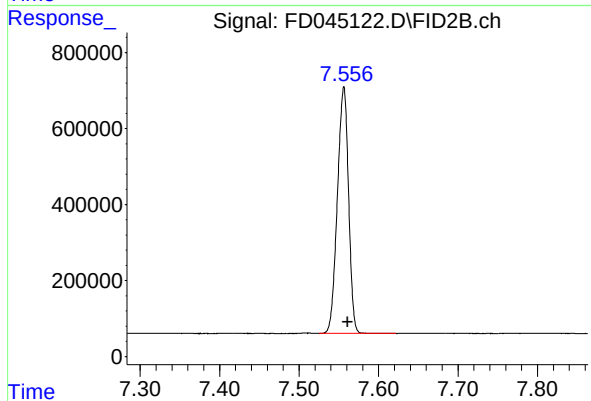
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 361409
Conc: 2.30 ug/ml



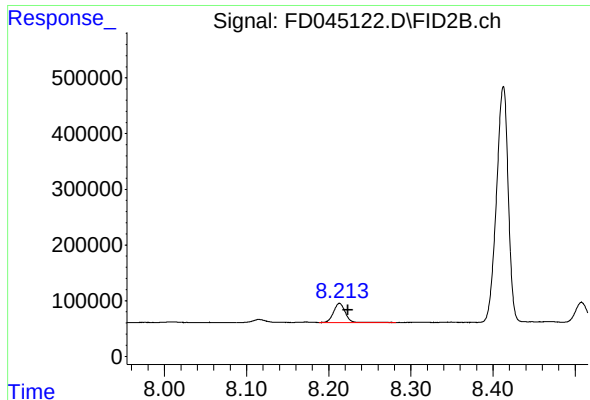
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 387728
Conc: 2.48 ug/ml



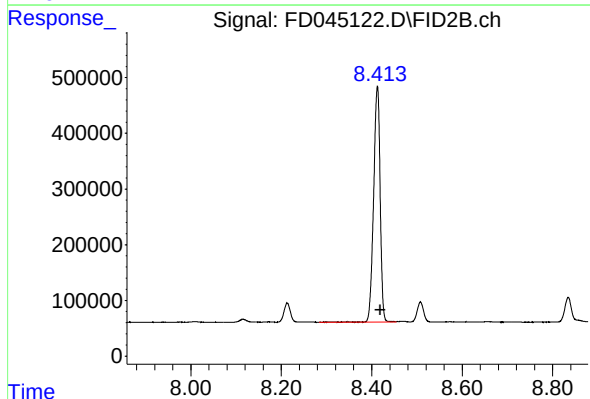
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6340726
Conc: 47.28 ug/ml



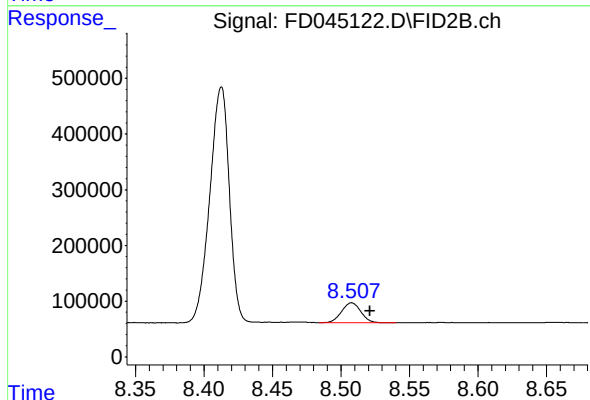
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 343402
Conc: 2.41 ug/ml



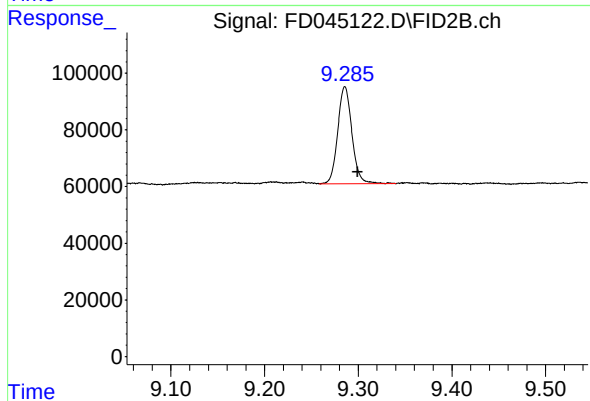
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 4244875
Conc: 47.36 ug/ml



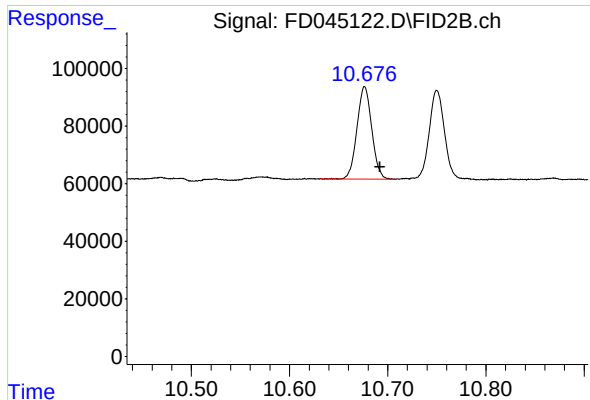
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.013 min
Response: 355845
Conc: 2.36 ug/ml



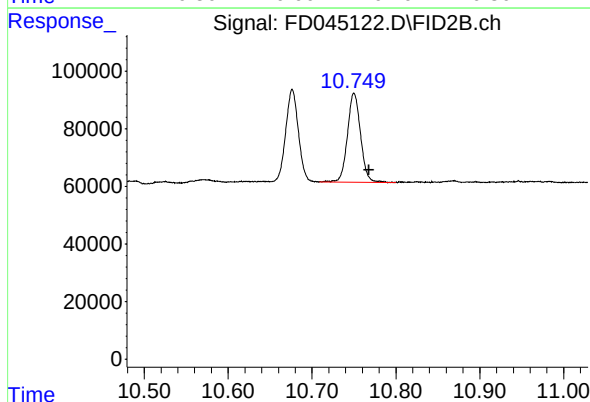
#8 Fluorene (C16.55)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 360381
Conc: 2.44 ug/ml



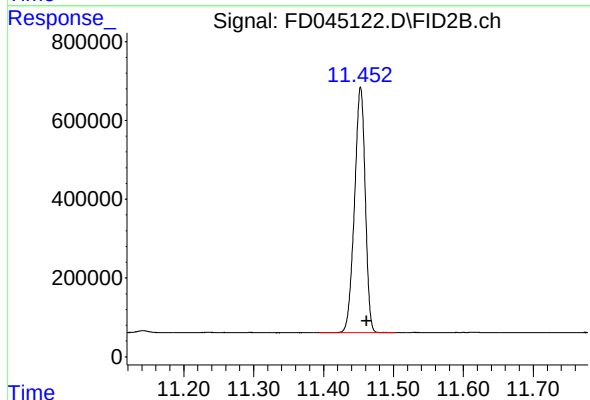
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.016 min
Response: 335595
Conc: 2.32 ug/ml



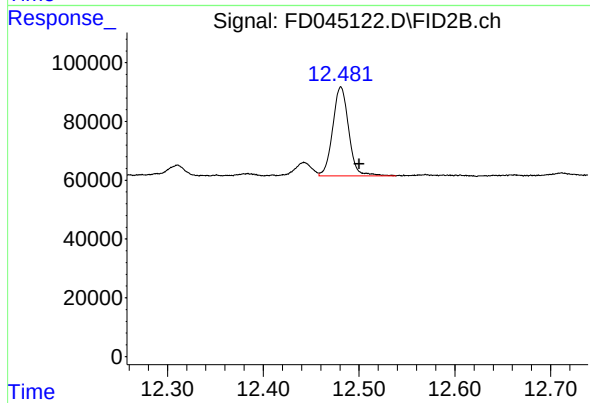
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.018 min
Response: 335967
Conc: 2.48 ug/ml



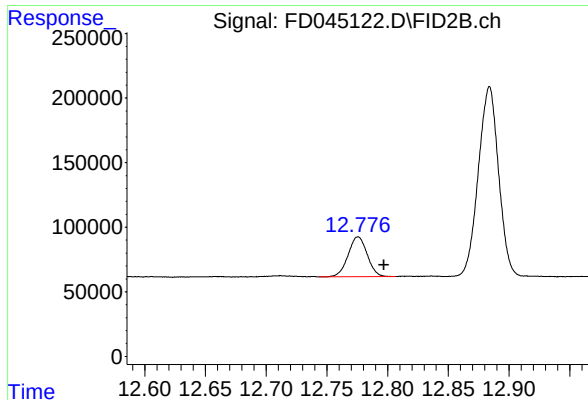
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.009 min
Response: 6657789
Conc: 39.58 ug/ml



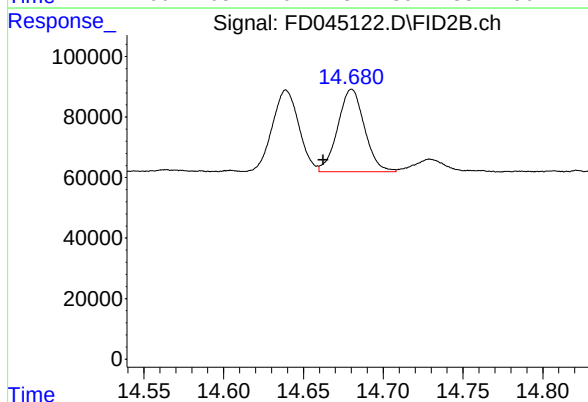
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.019 min
Response: 348640
Conc: 2.43 ug/ml



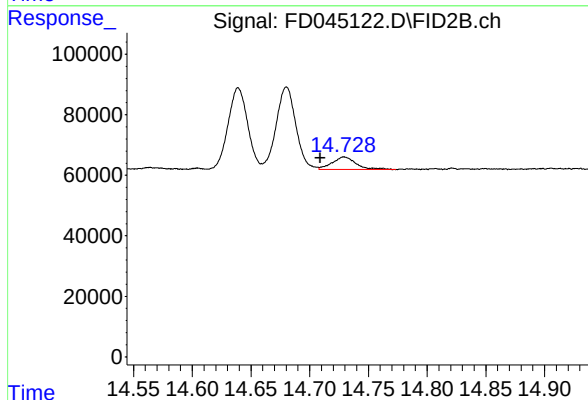
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.021 min
Response: 336121
Conc: 2.40 ug/ml



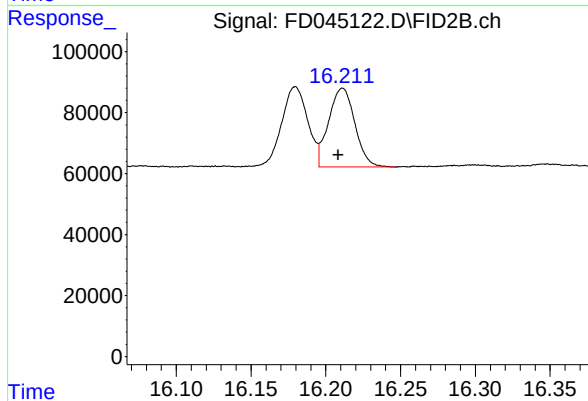
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.018 min
Response: 318660
Conc: 2.50 ug/ml



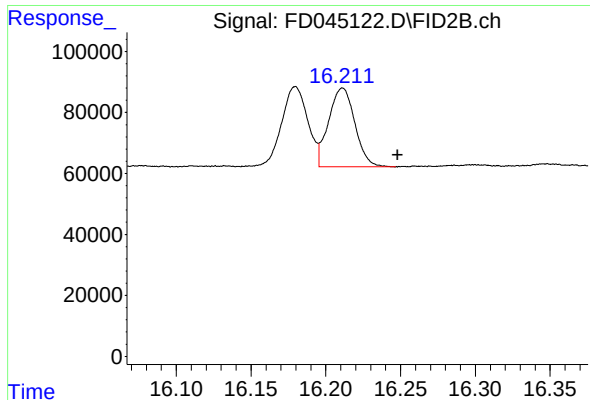
#15 Chrysene (C27.41)

R.T.: 14.730 min
Delta R.T.: 0.020 min
Response: 59418
Conc: 0.45 ug/ml



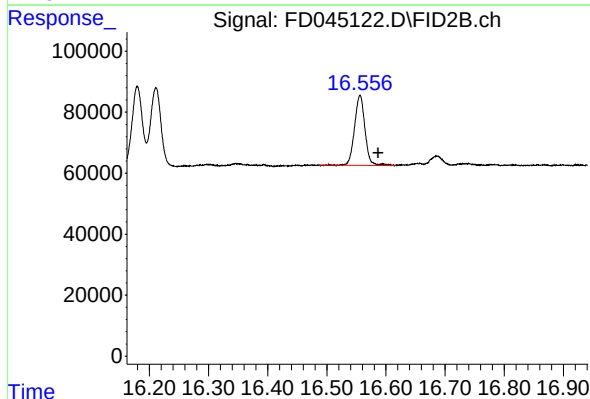
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: 0.003 min
Response: 316461
Conc: 2.41 ug/ml



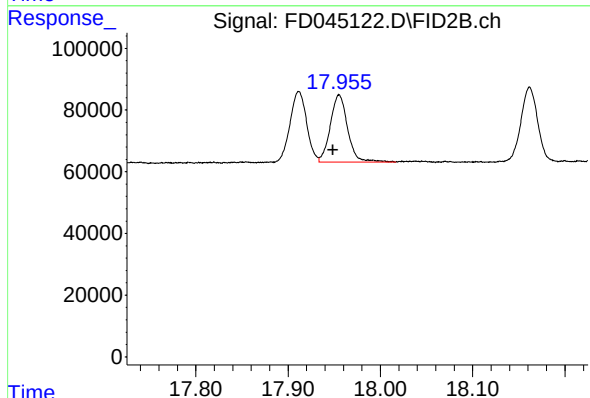
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.211 min
Delta R.T.: -0.037 min
Response: 316461
Conc: 2.44 ug/ml



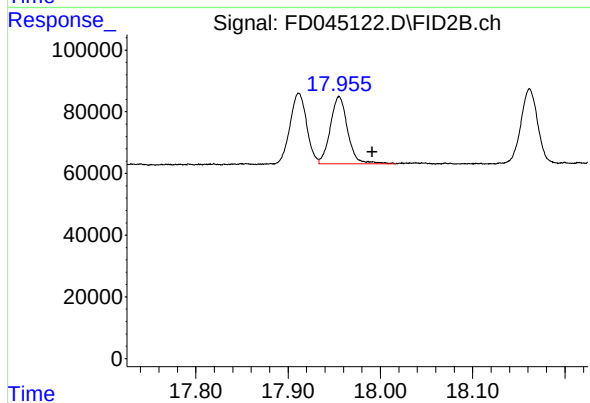
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.031 min
Response: 282977
Conc: 2.20 ug/ml



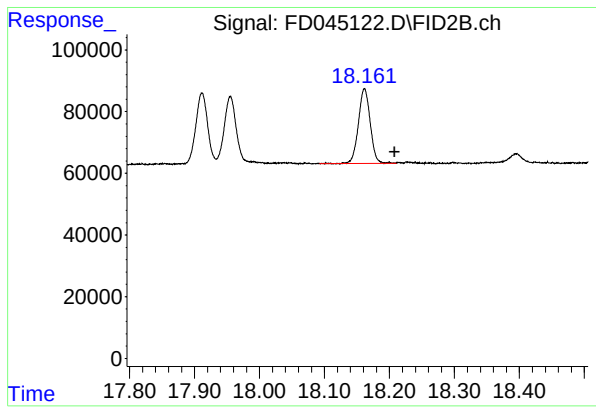
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min
Delta R.T.: 0.007 min
Response: 283689
Conc: 2.26 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.036 min
Response: 283689
Conc: 2.32 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.046 min
Response: 303698
Conc: 2.39 ug/ml