

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
 Data File : FD045120.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 02:57
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:24 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	6910769	51.527 ug/ml
Spiked Amount 50.000		Recovery =	103.05%
6) S 2-Fluorobiphenyl (SURR)	8.412	4531886	50.567 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	101.13%
11) S ortho-Terphenyl (SURR)	11.454	6875050	40.876 ug/ml
Spiked Amount 50.000		Recovery =	81.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	504314	3.369 ug/ml
2) T Naphthalene (C11.7)	5.893	582088	3.707 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	580242	3.709 ug/ml
5) T Acenaphthylene (C15.06)	8.213	544285	3.812 ug/ml
7) T Acenaphthene (C15.5)	8.508	586693	3.891 ug/ml
8) T Fluorene (C16.55)	9.286	576547	3.911 ug/ml
9) T Phenanthrene (C19.36)	10.677	551009	3.806 ug/ml
10) T Anthracene (C19.43)	10.750	546022	4.033 ug/ml
12) T Fluoranthene (C21.85)	12.481	564941	3.941 ug/ml
13) T Pyrene (C20.8)	12.775	558330	3.987 ug/ml
14) T Benzo[a]anthracene (C...	14.680	518376	4.075 ug/ml
15) T Chrysene (C27.41)	14.730	71855	0.543 ug/ml
16) T benzo[b]fluoranthene ...	16.212	511827	3.903 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	511827	3.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	460759	3.590 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.956	458493	3.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	458493	3.749 ug/ml
21) T Benzo[g,h,i]perylene ...	18.164	489206	3.856 ug/ml

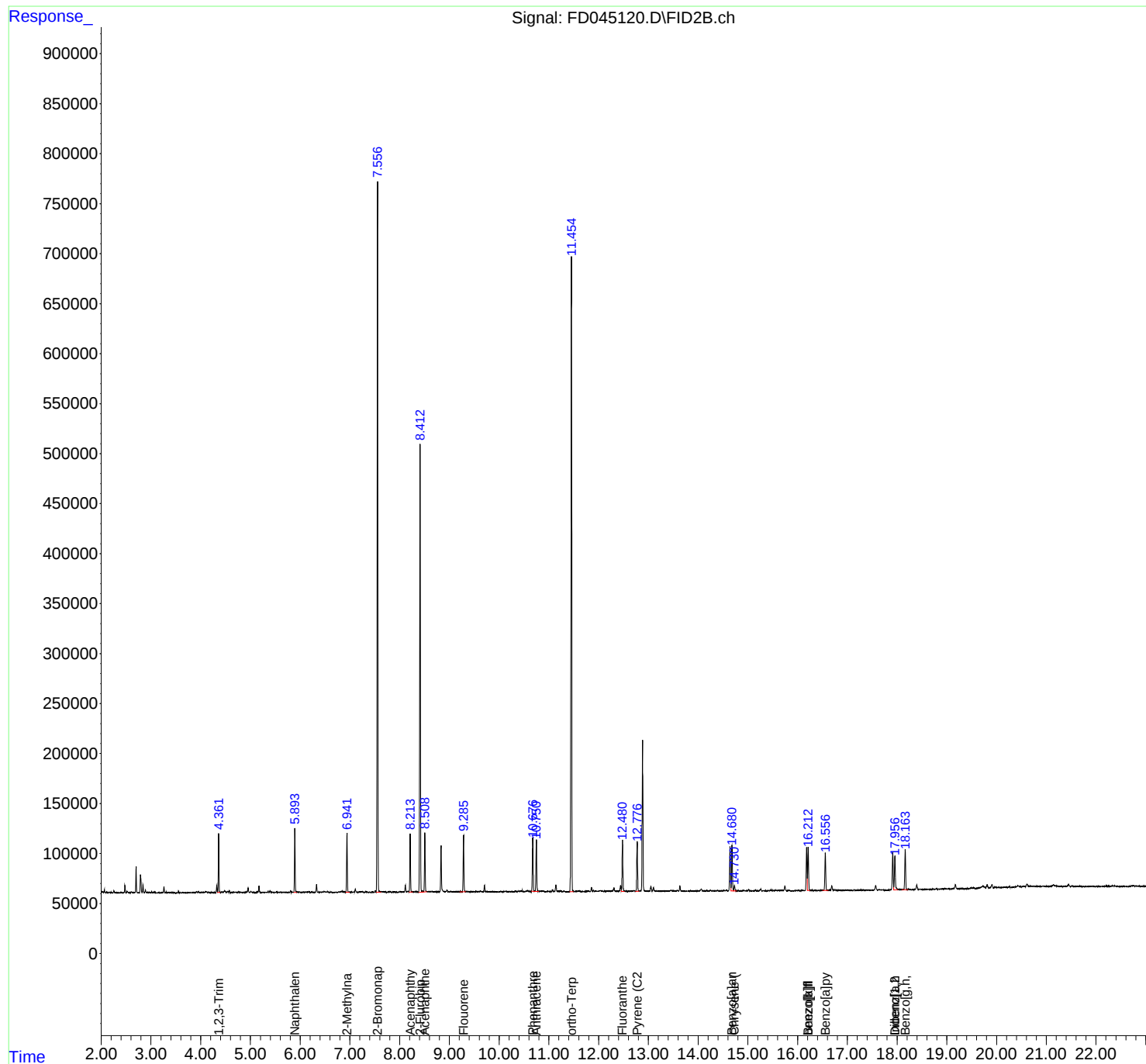
(f)=RT Delta > 1/2 Window

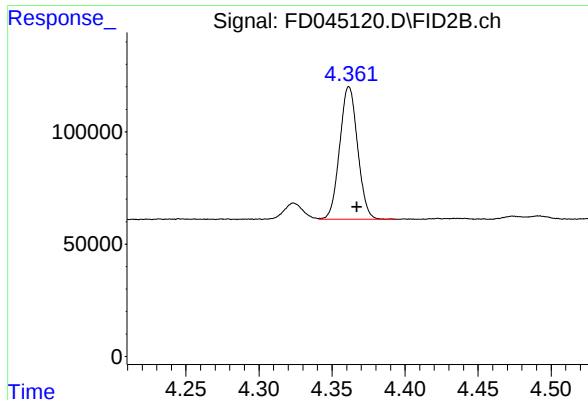
(m)=manual int.

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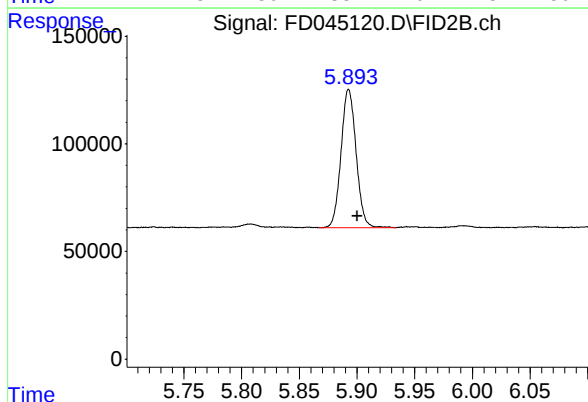
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Signal Info : 20M x 0.18mm x 0.18µm





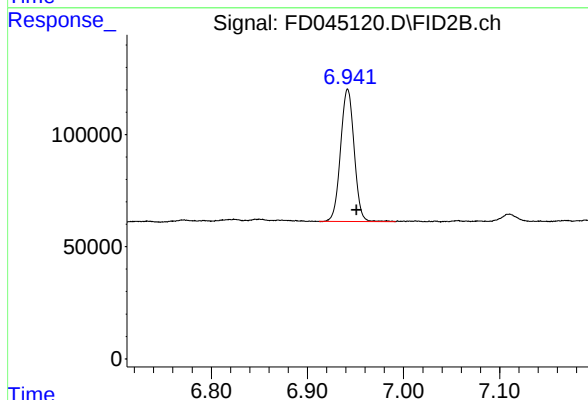
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 504314
Conc: 3.37 ug/ml



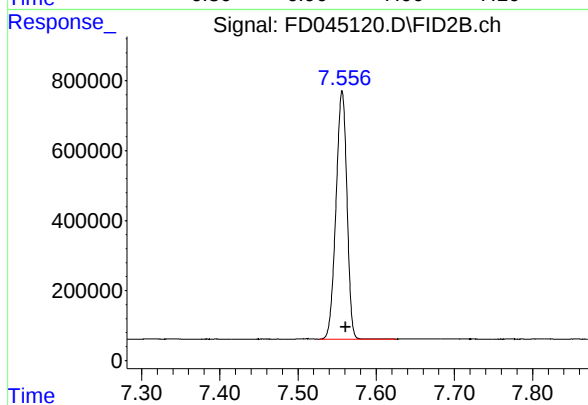
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 582088
Conc: 3.71 ug/ml



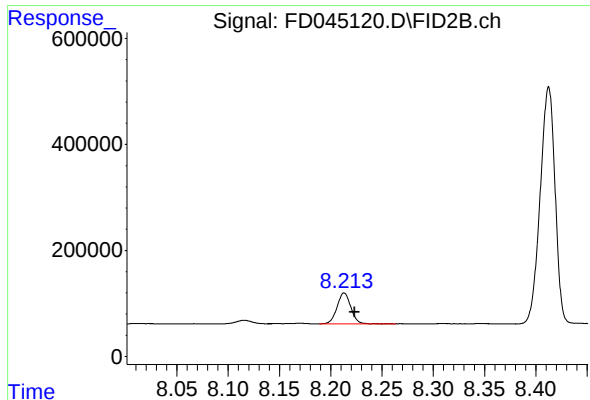
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 580242
Conc: 3.71 ug/ml



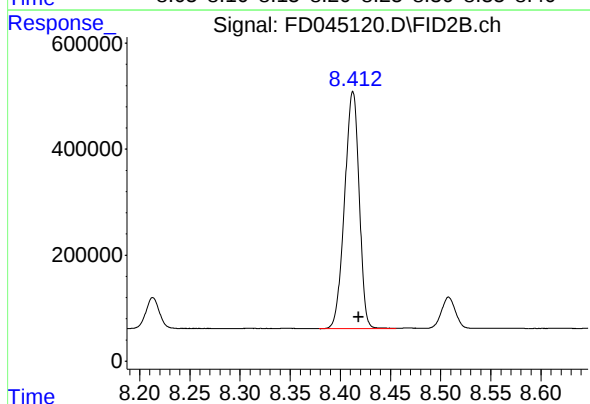
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6910769
Conc: 51.53 ug/ml



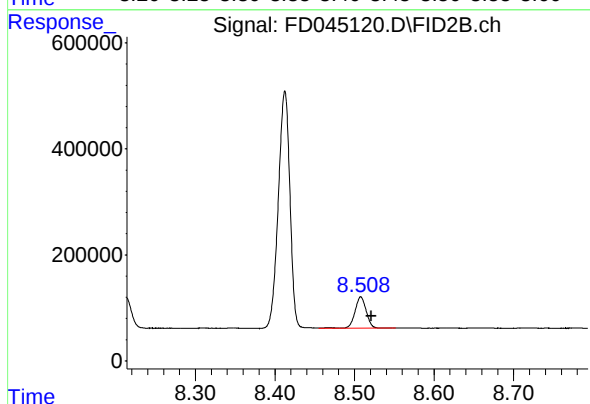
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 544285
Conc: 3.81 ug/ml



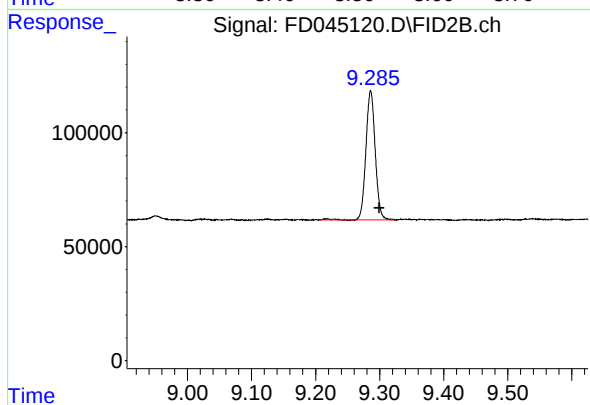
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 4531886
Conc: 50.57 ug/ml



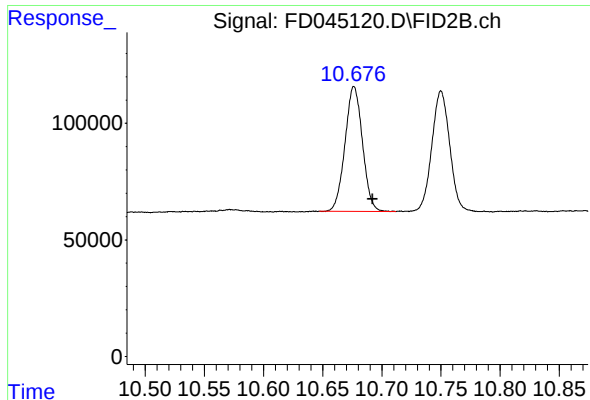
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.013 min
Response: 586693
Conc: 3.89 ug/ml



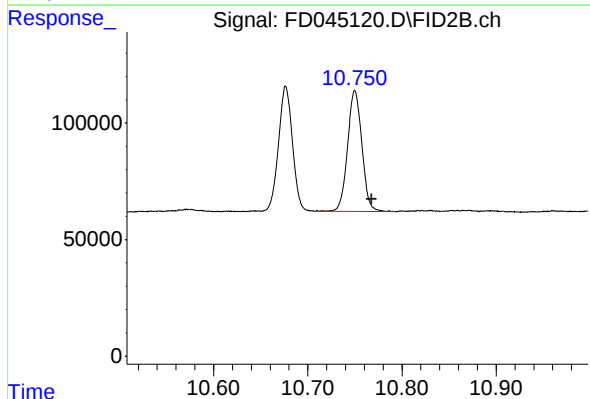
#8 Fluorene (C16.55)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 576547
Conc: 3.91 ug/ml



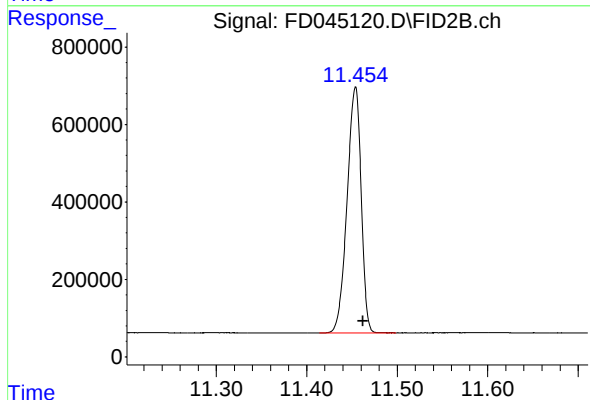
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.015 min
Response: 551009
Conc: 3.81 ug/ml



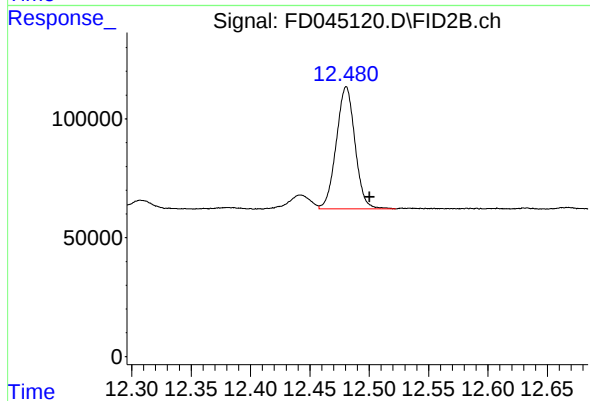
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.018 min
Response: 546022
Conc: 4.03 ug/ml



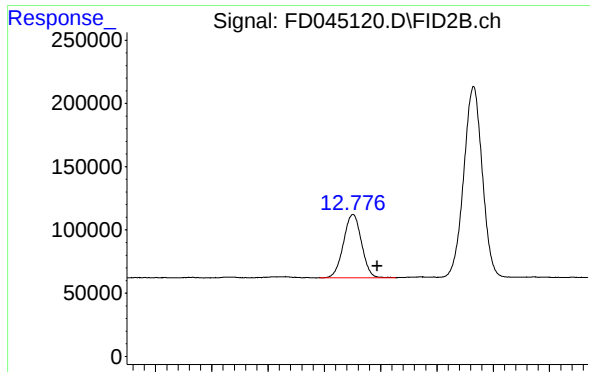
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.008 min
Response: 6875050
Conc: 40.88 ug/ml



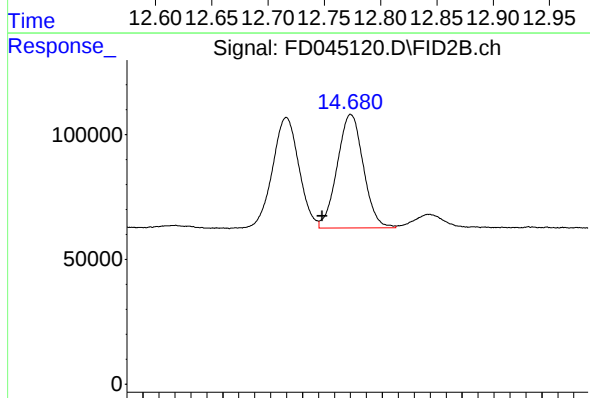
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.020 min
Response: 564941
Conc: 3.94 ug/ml



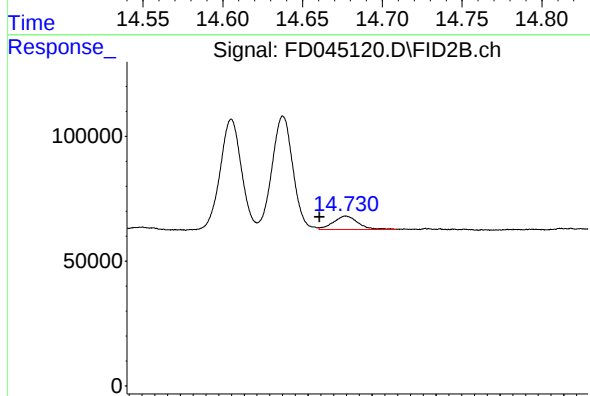
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.022 min
Response: 558330
Conc: 3.99 ug/ml



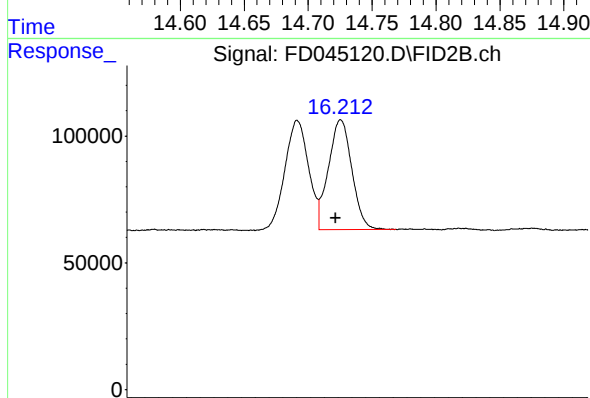
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.018 min
Response: 518376
Conc: 4.07 ug/ml



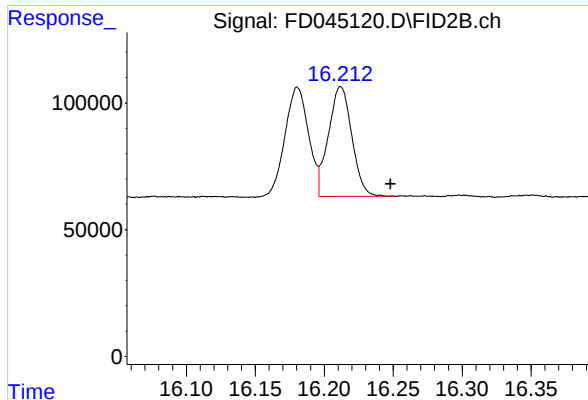
#15 Chrysene (C27.41)

R.T.: 14.730 min
Delta R.T.: 0.021 min
Response: 71855
Conc: 0.54 ug/ml



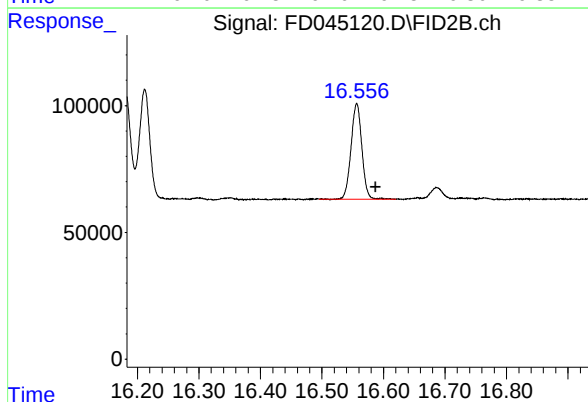
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.212 min
Delta R.T.: 0.004 min
Response: 511827
Conc: 3.90 ug/ml



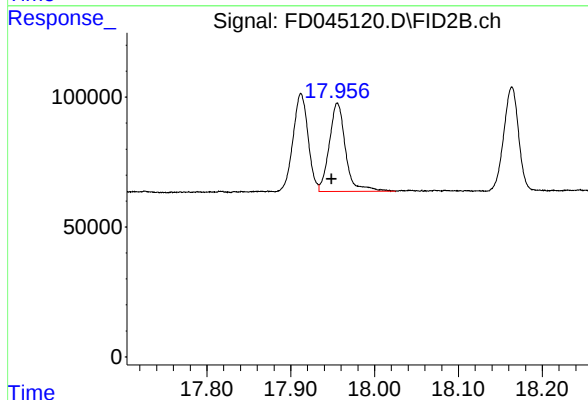
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.212 min
Delta R.T.: -0.036 min
Response: 511827
Conc: 3.95 ug/ml



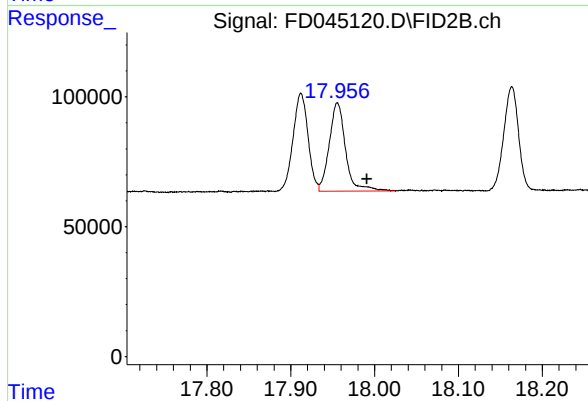
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: -0.031 min
Response: 460759
Conc: 3.59 ug/ml



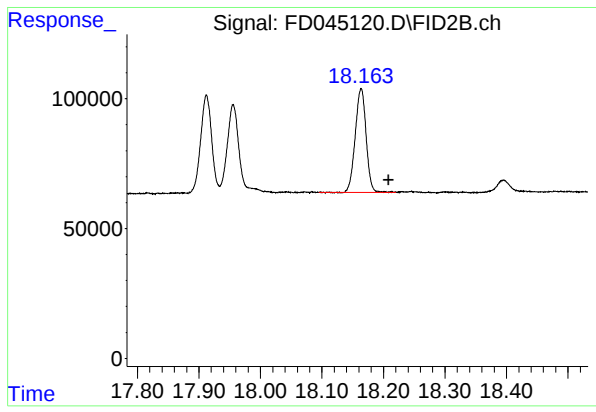
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.956 min
Delta R.T.: 0.007 min
Response: 458493
Conc: 3.65 ug/ml



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

R.T.: 17.956 min
Delta R.T.: -0.035 min
Response: 458493
Conc: 3.75 ug/ml



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

R.T.: 18.164 min
Delta R.T.: -0.044 min
Response: 489206
Conc: 3.86 ug/ml