

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045058.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 21:54
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:44:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.555	2797990	19.078 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
6) S 2-Fluorobiphenyl (SURR)	8.411	1880754	18.843 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.69%
11) S ortho-Terphenyl (SURR)	11.452	3481635	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3089226	19.353 ug/ml
2) T Naphthalene (C11.7)	5.894	3247131	19.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3276786	19.100 ug/ml
5) T Acenaphthylene (C15.06)	8.215	2987078	19.009 ug/ml
7) T Acenaphthene (C15.5)	8.510	3148864	18.938 ug/ml
8) T Fluorene (C16.55)	9.290	3094211	18.851 ug/ml
9) T Phenanthrene (C19.36)	10.680	3049491	18.861 ug/ml
10) T Anthracene (C19.43)	10.754	2799999	18.887 ug/ml
12) T Fluoranthene (C21.85)	12.486	2981441	18.629 ug/ml
13) T Pyrene (C20.8)	12.781	2901714	18.492 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2610974	18.294 ug/ml
15) T Chrysene (C27.41)	14.688	2712911	18.323 ug/ml
16) T benzo[b]fluoranthene ...	16.189	2670783	18.410 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2660944	18.664 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2607227	18.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	2569159	19.091 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	2557551	19.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	2585870	19.018 ug/ml

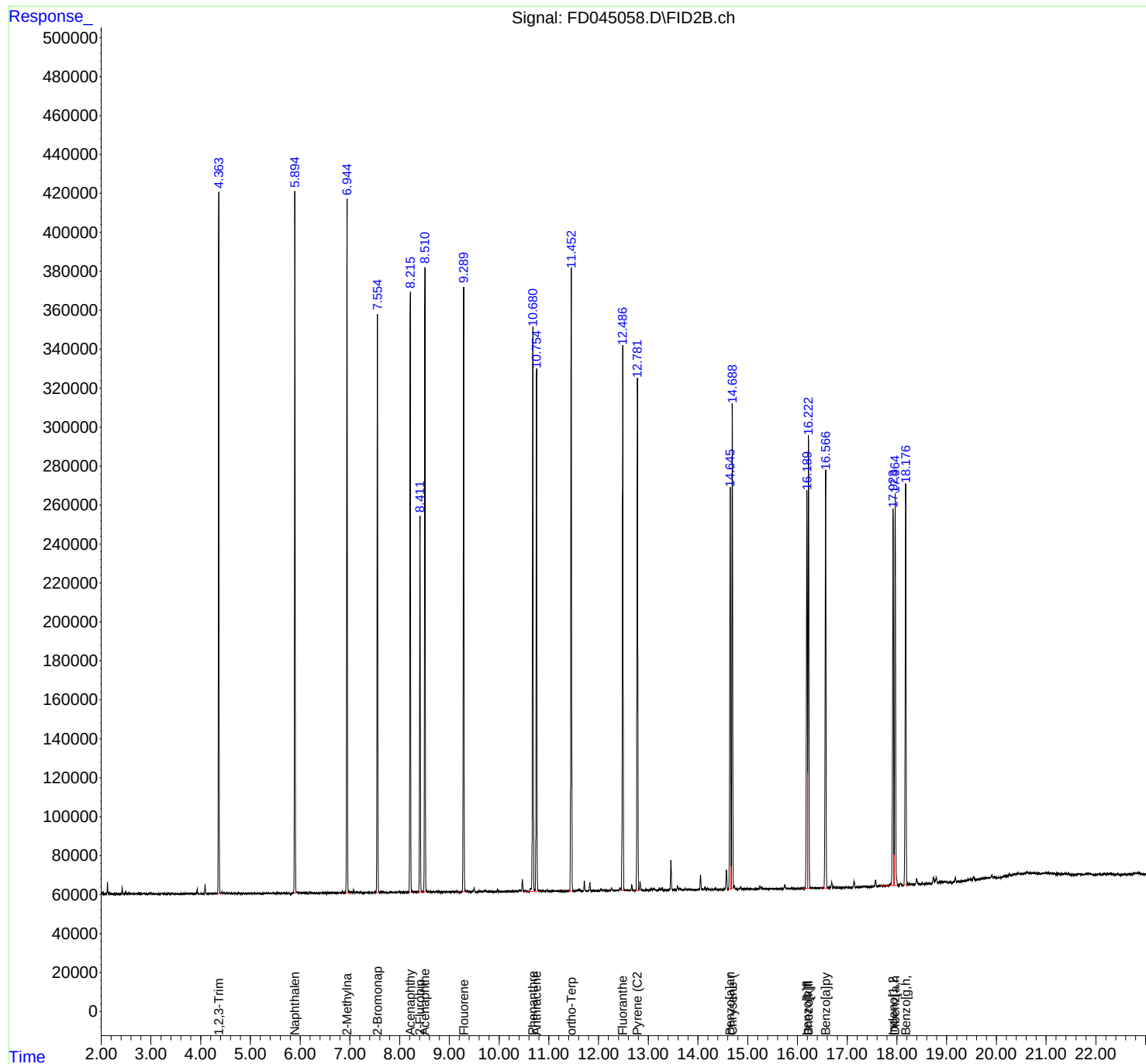
(f)=RT Delta > 1/2 Window

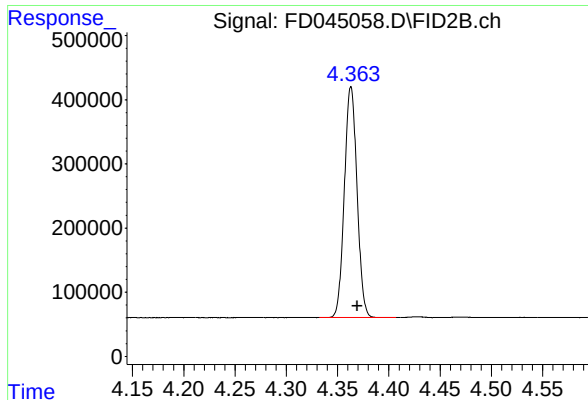
(m)=manual int.

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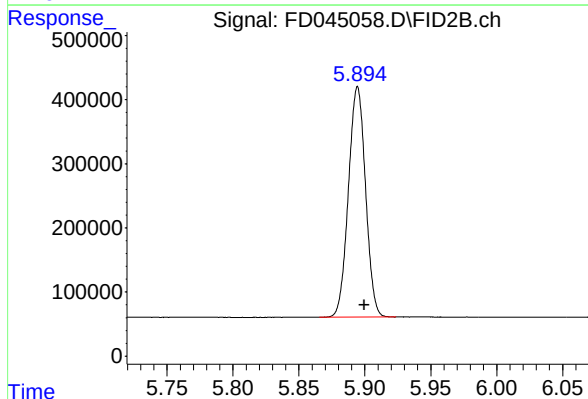
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Signal Info : 20M x 0.18mm x 0.18µm





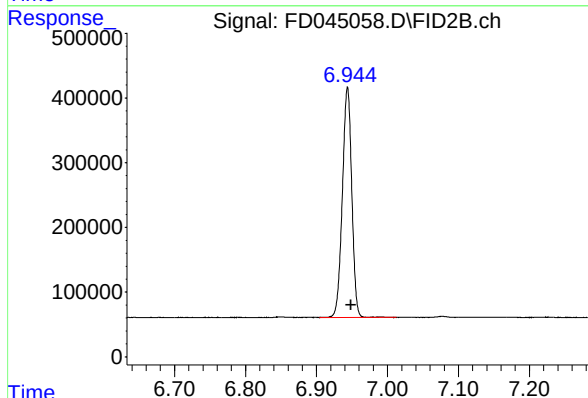
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 3089226
Conc: 19.35 ug/ml



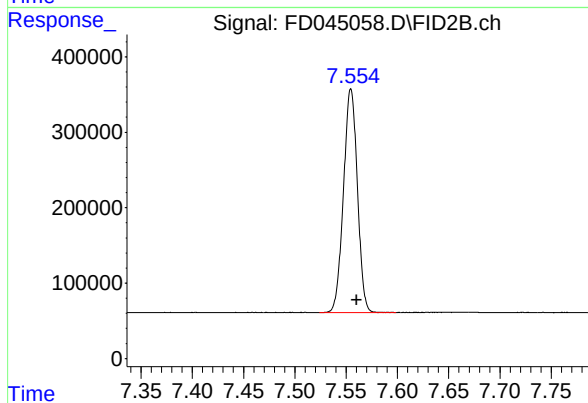
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 3247131
Conc: 19.16 ug/ml



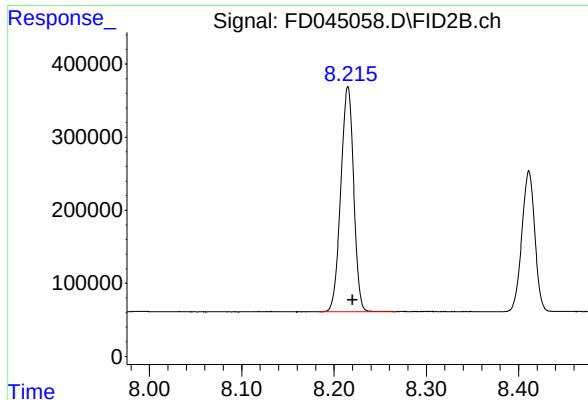
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3276786
Conc: 19.10 ug/ml



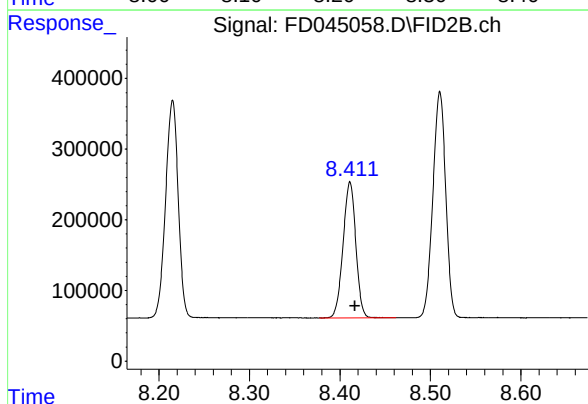
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 2797990
Conc: 19.08 ug/ml



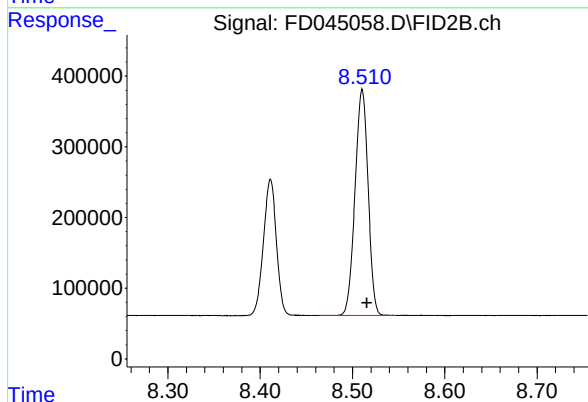
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 2987078
Conc: 19.01 ug/ml



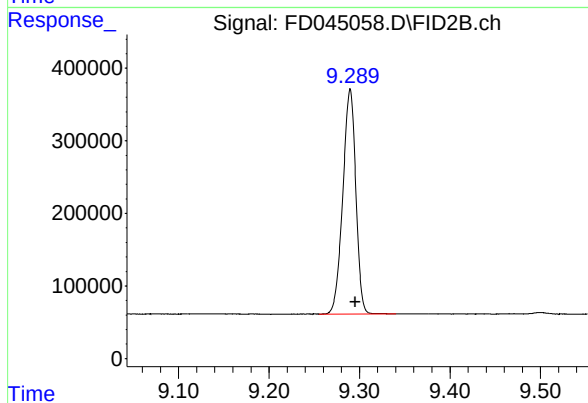
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 1880754
Conc: 18.84 ug/ml



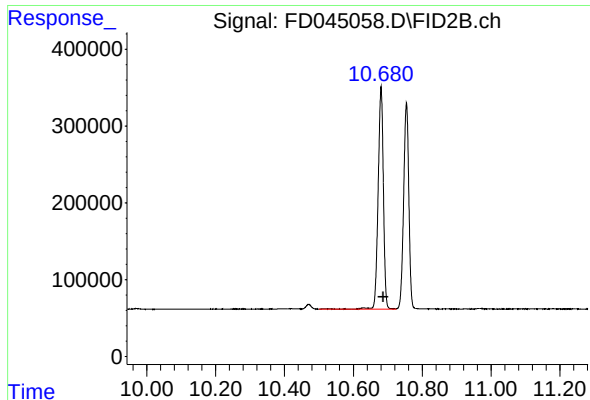
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.005 min
Response: 3148864
Conc: 18.94 ug/ml



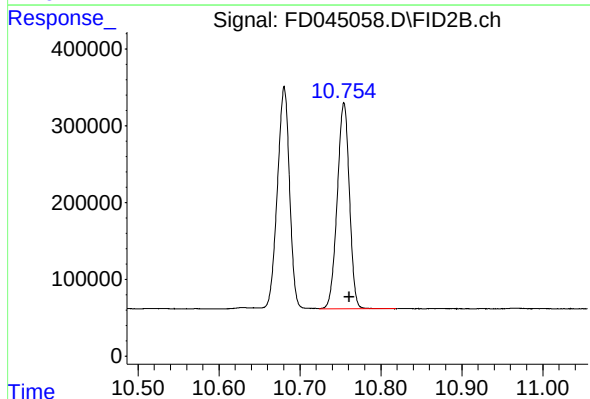
#8 Fluorene (C16.55)

R.T.: 9.290 min
Delta R.T.: -0.006 min
Response: 3094211
Conc: 18.85 ug/ml



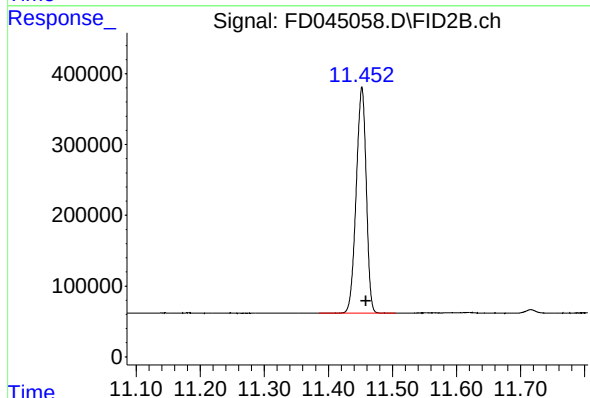
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 3049491
Conc: 18.86 ug/ml



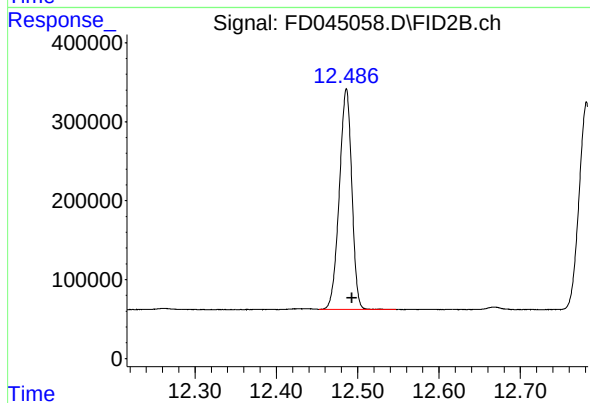
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.007 min
Response: 2799999
Conc: 18.89 ug/ml



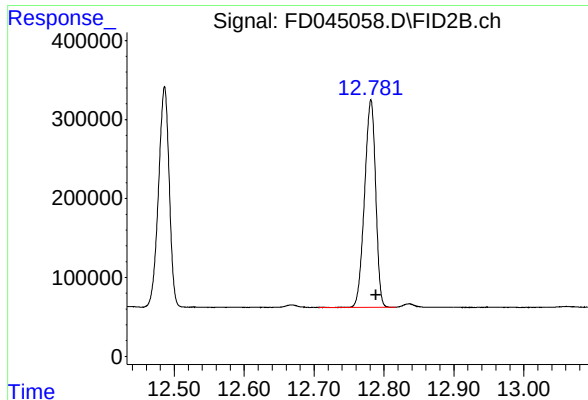
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 3481635
Conc: 18.73 ug/ml



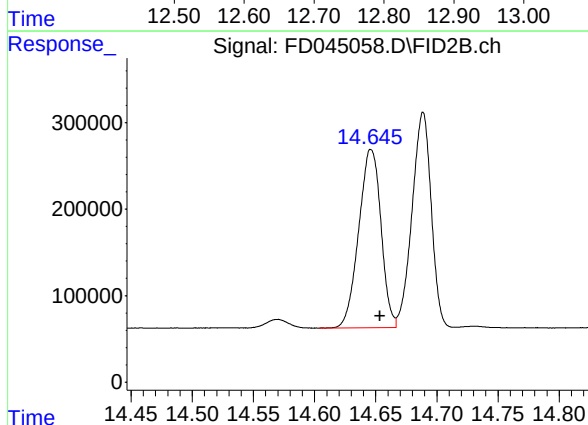
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 2981441
Conc: 18.63 ug/ml



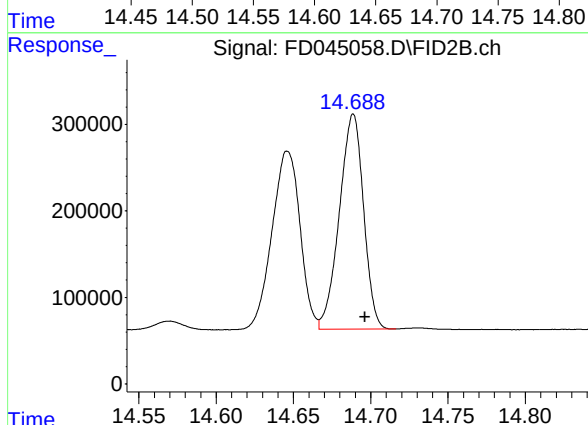
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 2901714
Conc: 18.49 ug/ml



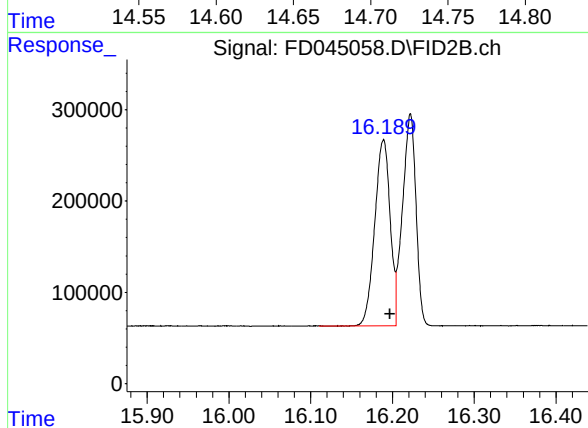
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.007 min
Response: 2610974
Conc: 18.29 ug/ml



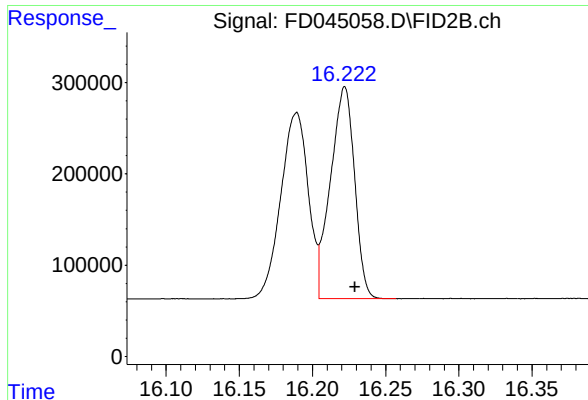
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 2712911
Conc: 18.32 ug/ml



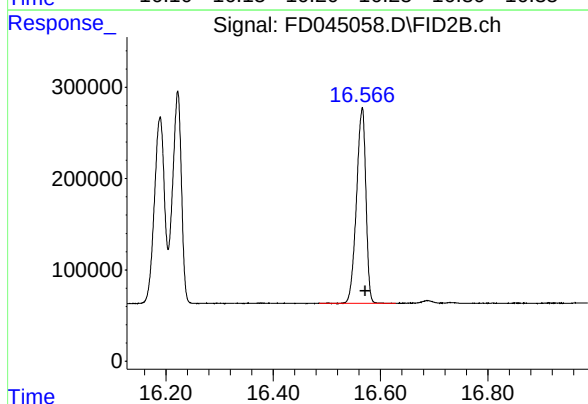
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 2670783
Conc: 18.41 ug/ml



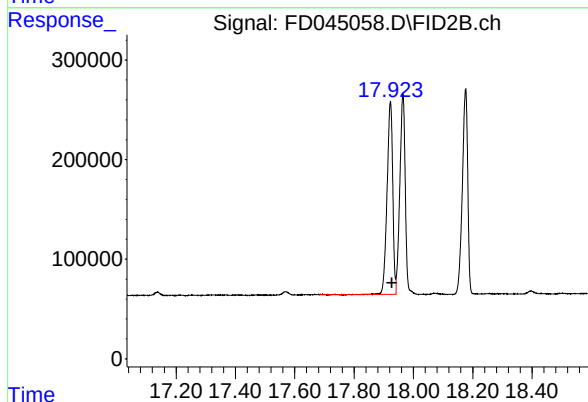
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.007 min
Response: 2660944
Conc: 18.66 ug/ml



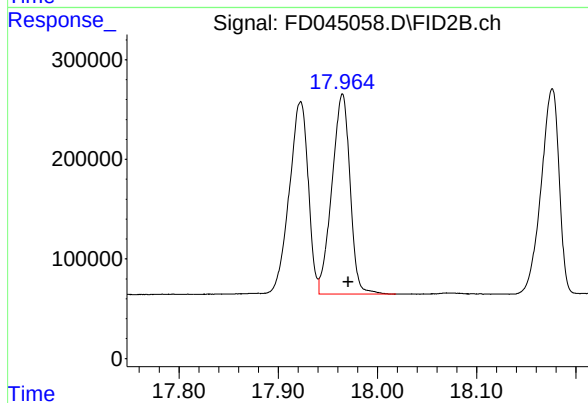
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.006 min
Response: 2607227
Conc: 18.66 ug/ml



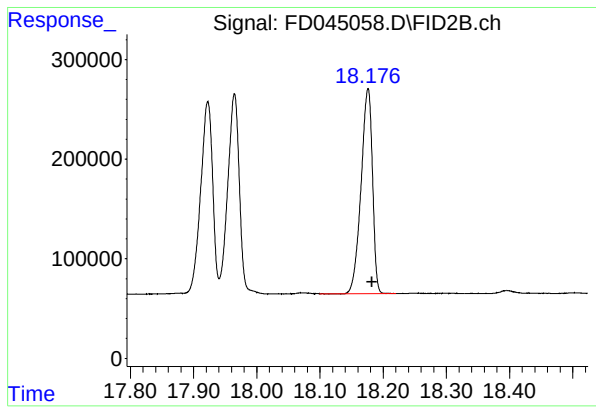
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: -0.006 min
Response: 2569159
Conc: 19.09 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.006 min
Response: 2557551
Conc: 19.30 ug/ml



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

R.T.: 18.176 min
Delta R.T.: -0.006 min
Response: 2585870
Conc: 19.02 ug/ml