

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014055.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 16:16
 Operator : YP\AJ
 Sample : P1187-07
 Misc : 4PPM WATER LOD
 ALS Vial : 82 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:43:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:40:50 2024
 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...	7.922	5554514	47.753 ug/ml
Spiked Amount 50.000		Recovery =	95.51%
6) S 2-Fluorobiphenyl (SURR)	8.794	3458259	47.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.06%
11) S ortho-Terphenyl (SURR)	11.857	6005411	40.251 ug/ml
Spiked Amount 50.000		Recovery =	80.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	413134	3.299 ug/ml
2) T Naphthalene (C11.7)	6.202	420385	3.334 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	433078	3.412 ug/ml
5) T Acenaphthylene (C15.06)	8.592	490925	4.063 ug/ml
7) T Acenaphthene (C15.5)	8.891	571476	4.295 ug/ml
8) T Fluorene (C16.55)	9.681	461217	3.698 ug/ml
9) T Phenanthrene (C19.36)	11.083	424425	3.534 ug/ml
10) T Anthracene (C19.43)	11.159	459663	4.383 ug/ml
12) T Fluoranthene (C21.85)	12.901	486817	3.829 ug/ml
13) T Pyrene (C20.8)	13.198	491993	3.992 ug/ml
14) T Benzo[a]anthracene (C...	15.083	349185	3.511 ug/ml
15) T Chrysene (C27.41)	15.123	640446	4.928 ug/ml
16) T benzo[b]fluoranthene ...	16.640	370551	3.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.670	576358	4.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.023	431043	3.908 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.396	316824	3.458 ug/ml
20) T Dibenz[a,h]anthracene...	18.438	587507	4.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.643	473468	4.066 ug/ml

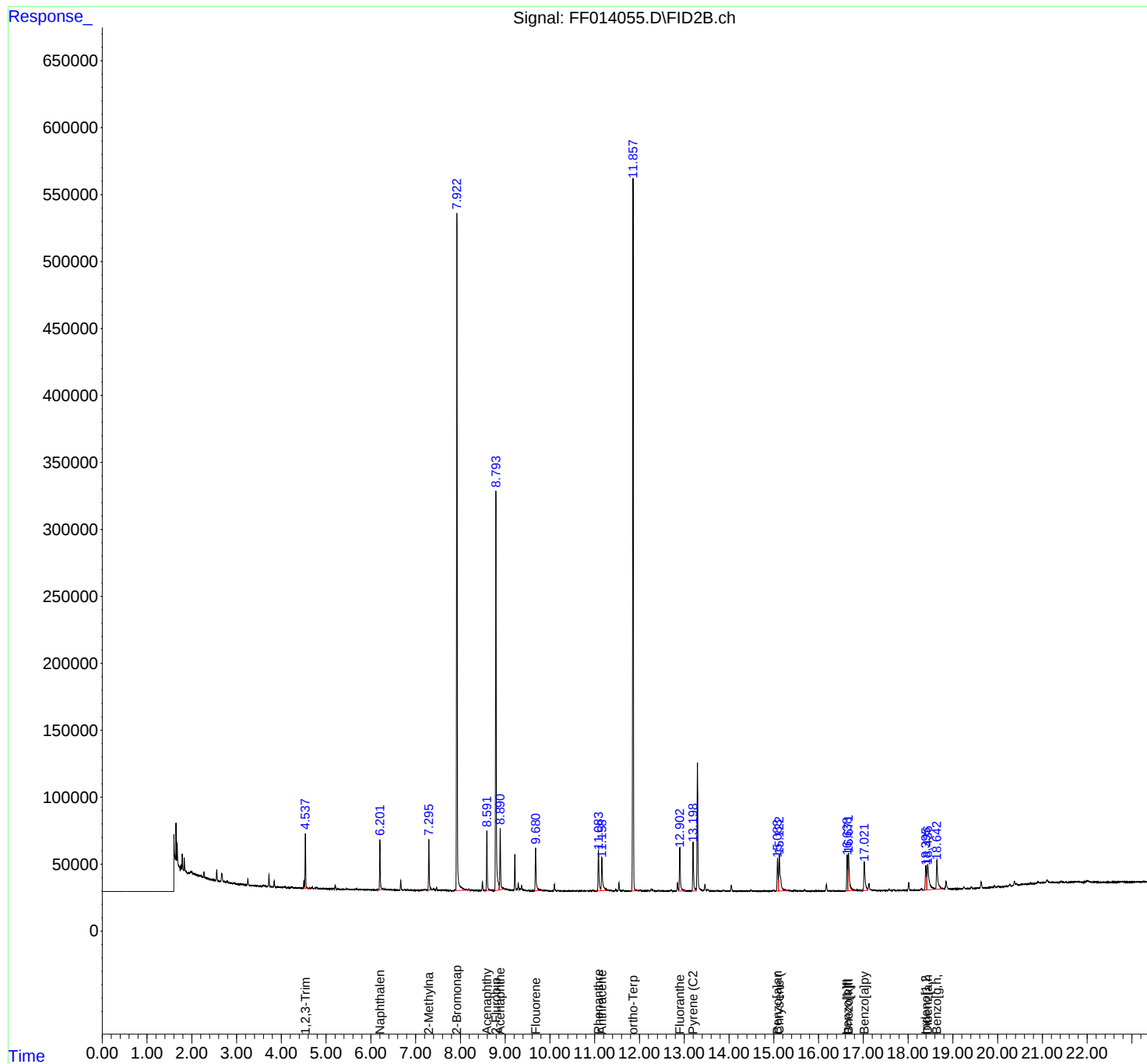
(f)=RT Delta > 1/2 Window

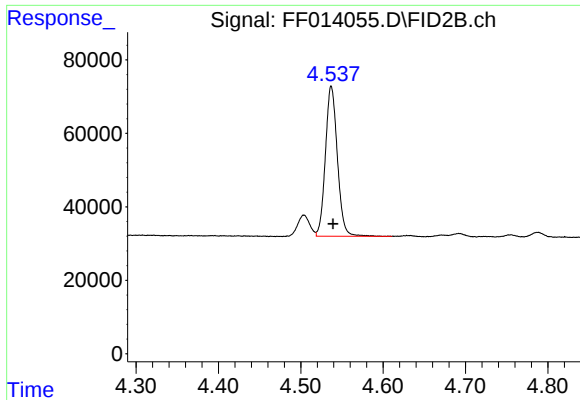
(m)=manual int.

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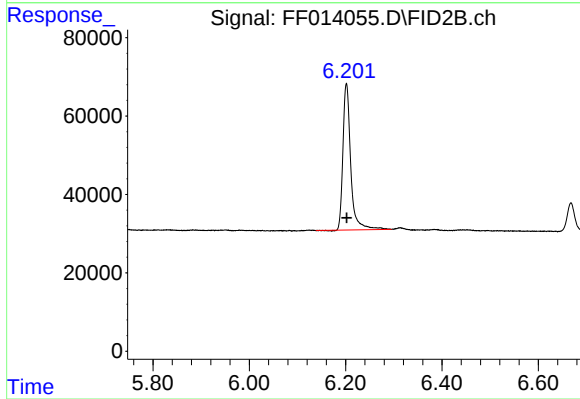
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





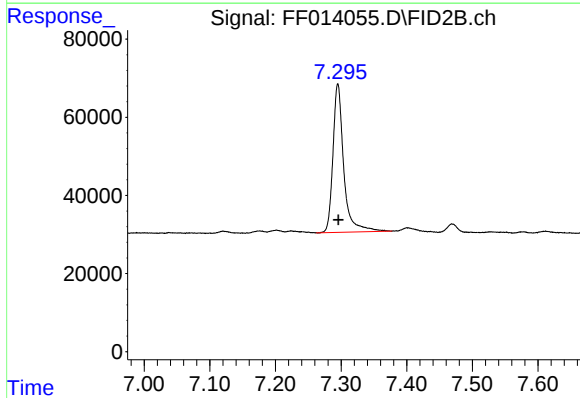
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 413134
Conc: 3.30 ug/ml



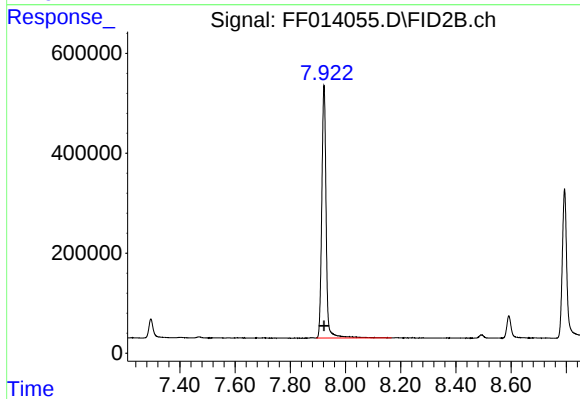
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 420385
Conc: 3.33 ug/ml



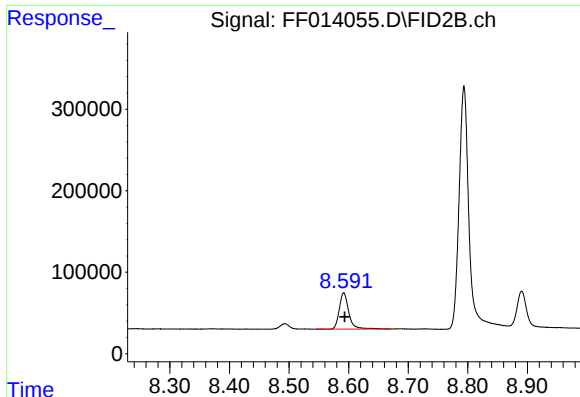
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 433078
Conc: 3.41 ug/ml



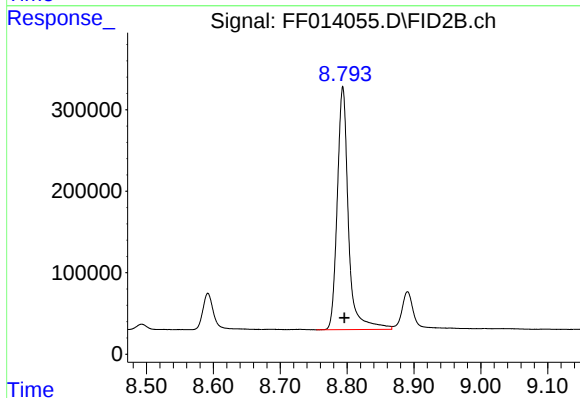
#4 2-Bromonaphthalene (SURR)

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 5554514
Conc: 47.75 ug/ml



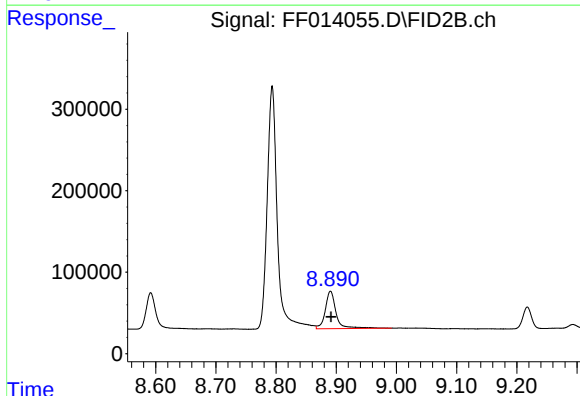
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: -0.001 min
Response: 490925
Conc: 4.06 ug/ml



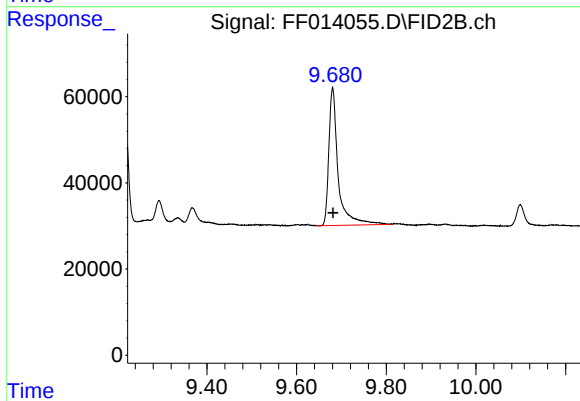
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.003 min
Response: 3458259
Conc: 47.03 ug/ml



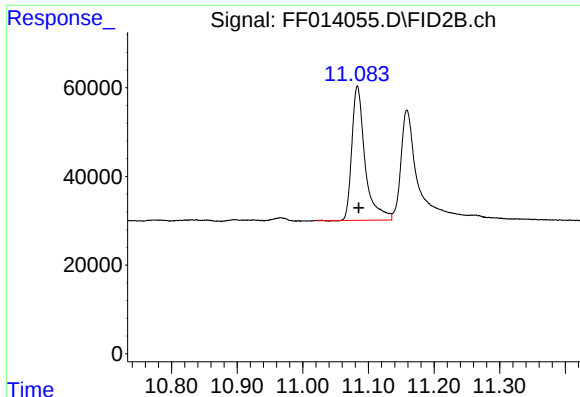
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: -0.001 min
Response: 571476
Conc: 4.30 ug/ml



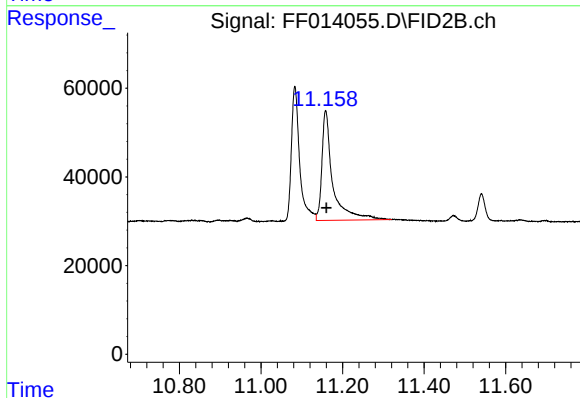
#8 Fluorene (C16.55)

R.T.: 9.681 min
Delta R.T.: -0.001 min
Response: 461217
Conc: 3.70 ug/ml



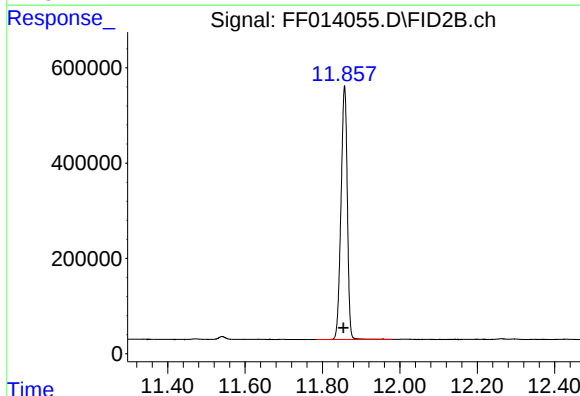
#9 Phenanthrene (C19.36)

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 424425
Conc: 3.53 ug/ml



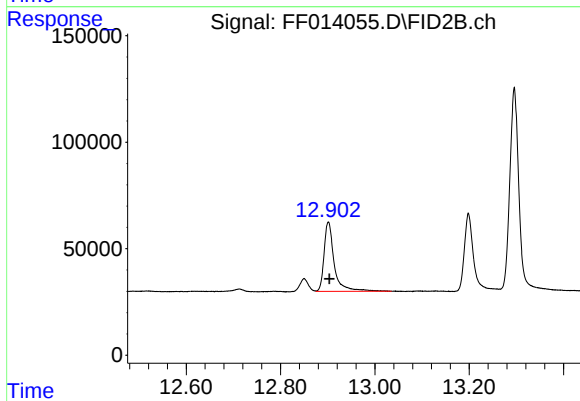
#10 Anthracene (C19.43)

R.T.: 11.159 min
Delta R.T.: -0.002 min
Response: 459663
Conc: 4.38 ug/ml



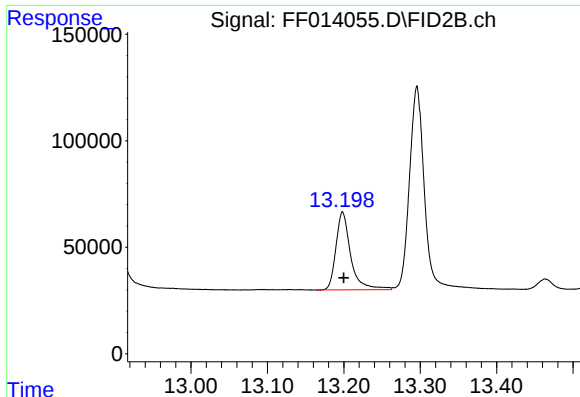
#11 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.003 min
Response: 6005411
Conc: 40.25 ug/ml



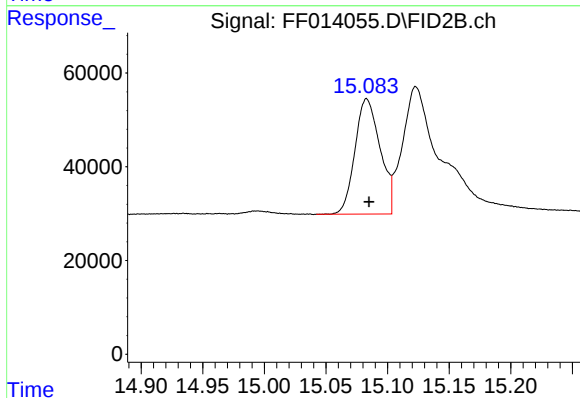
#12 Fluoranthene (C21.85)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 486817
Conc: 3.83 ug/ml



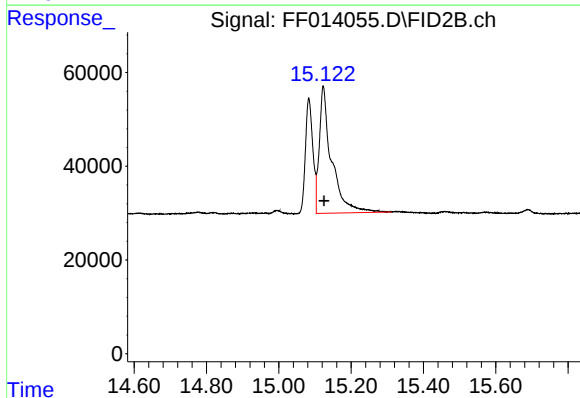
#13 Pyrene (C20.8)

R.T.: 13.198 min
Delta R.T.: -0.002 min
Response: 491993
Conc: 3.99 ug/ml



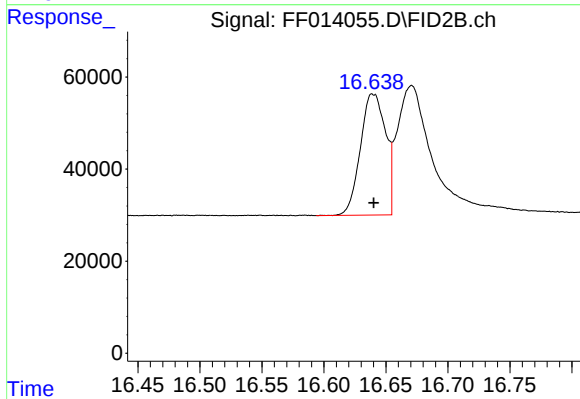
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.083 min
Delta R.T.: -0.002 min
Response: 349185
Conc: 3.51 ug/ml



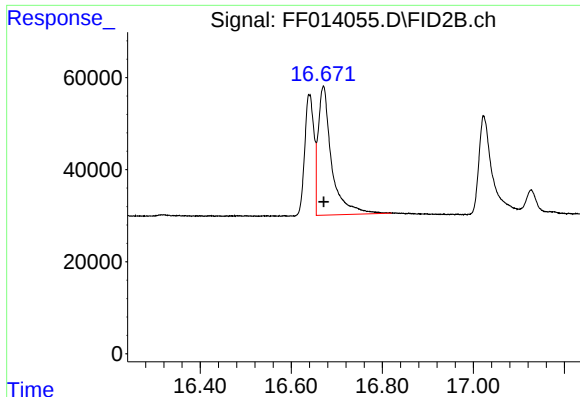
#15 Chrysene (C27.41)

R.T.: 15.123 min
Delta R.T.: -0.002 min
Response: 640446
Conc: 4.93 ug/ml



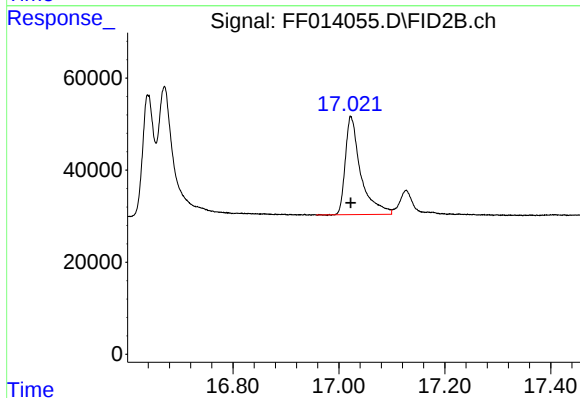
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.640 min
Delta R.T.: 0.000 min
Response: 370551
Conc: 3.45 ug/ml



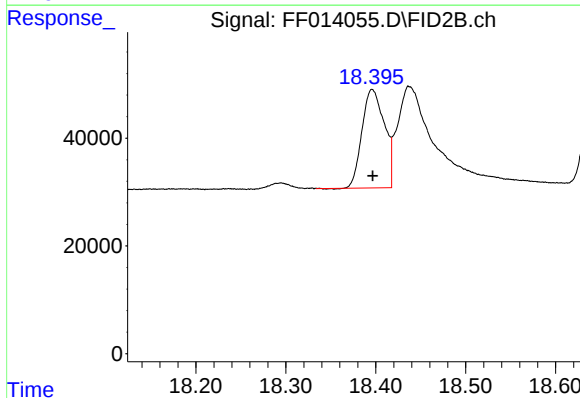
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.670 min
Delta R.T.: 0.000 min
Response: 576358
Conc: 4.56 ug/ml



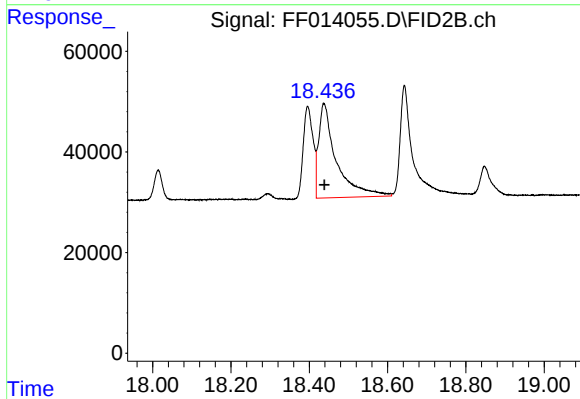
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.023 min
Delta R.T.: 0.000 min
Response: 431043
Conc: 3.91 ug/ml



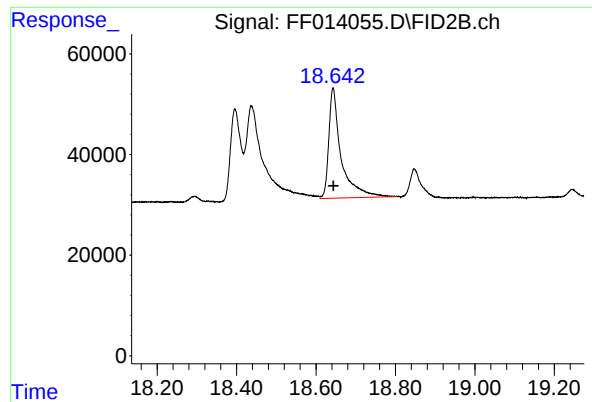
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.396 min
Delta R.T.: 0.000 min
Response: 316824
Conc: 3.46 ug/ml



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

R.T.: 18.438 min
Delta R.T.: -0.001 min
Response: 587507
Conc: 4.55 ug/ml



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

R.T.: 18.643 min
Delta R.T.: -0.001 min
Response: 473468
Conc: 4.07 ug/ml