

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045004.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 18:15
 Operator : YP/AJ
 Sample : PB150768BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:24:01 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...	7.556	5750026	39.206 ug/ml
Spiked Amount 50.000		Recovery =	78.41%
6) S 2-Fluorobiphenyl (SURR)	8.413	3814870	38.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.44%
11) S ortho-Terphenyl (SURR)	11.454	6248626	33.620 ug/ml
Spiked Amount 50.000		Recovery =	67.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	4332512	27.141 ug/ml
2) T Naphthalene (C11.7)	5.894	4959122	29.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	5002330	29.158 ug/ml
5) T Acenaphthylene (C15.06)	8.217	5524877	35.159 ug/ml
7) T Acenaphthene (C15.5)	8.512	5662064	34.054 ug/ml
8) T Fluorene (C16.55)	9.291	5742219	34.984 ug/ml
9) T Phenanthrene (C19.36)	10.683	5867002	36.287 ug/ml
10) T Anthracene (C19.43)	10.758	5805424	39.160 ug/ml
12) T Fluoranthene (C21.85)	12.489	5862990	36.634 ug/ml
13) T Pyrene (C20.8)	12.785	5828764	37.146 ug/ml
14) T Benzo[a]anthracene (C...	14.650	5411010	37.912 ug/ml
15) T Chrysene (C27.41)	14.694	5280717	35.665 ug/ml
16) T benzo[b]fluoranthene ...	16.194	5354942	36.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	5038035	35.337 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	4737331	33.902 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	4963879	36.887 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	4711748	35.555 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	4849607	35.668 ug/ml

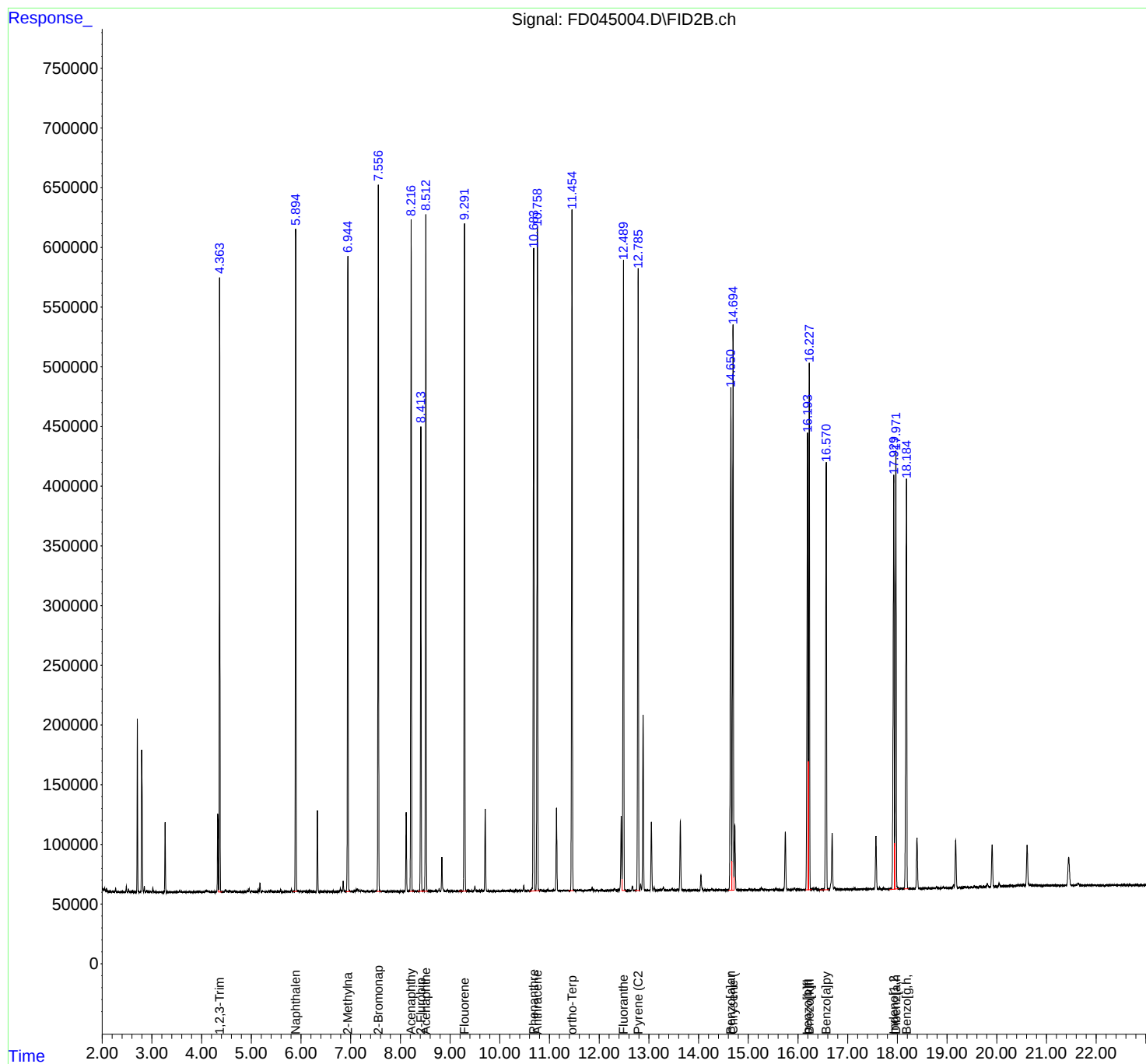
(f)=RT Delta > 1/2 Window

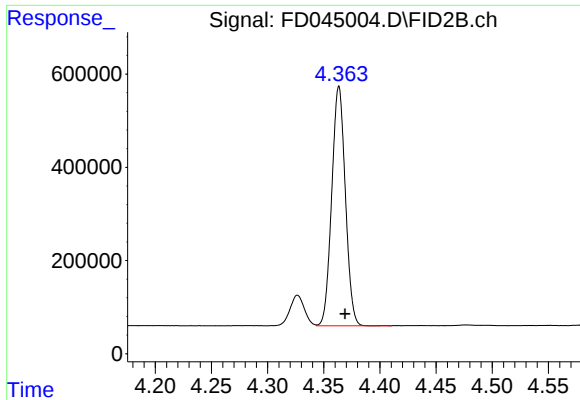
(m)=manual int.

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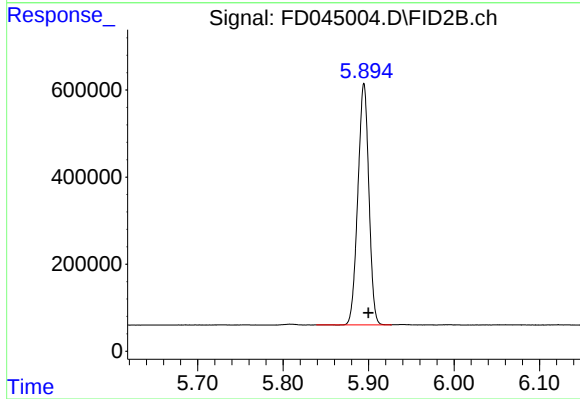
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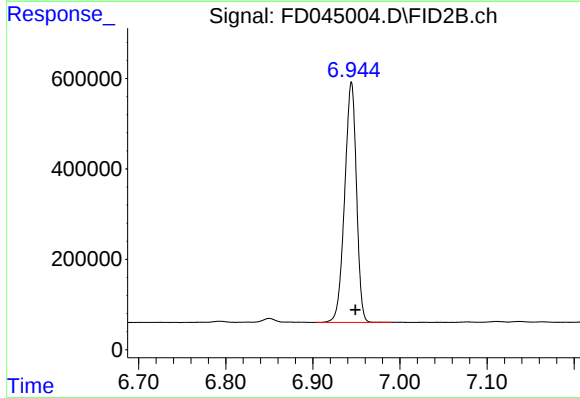
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 4332512
Conc: 27.14 ug/ml



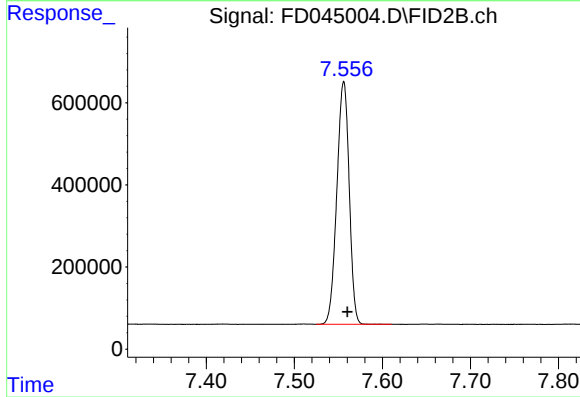
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 4959122
Conc: 29.27 ug/ml



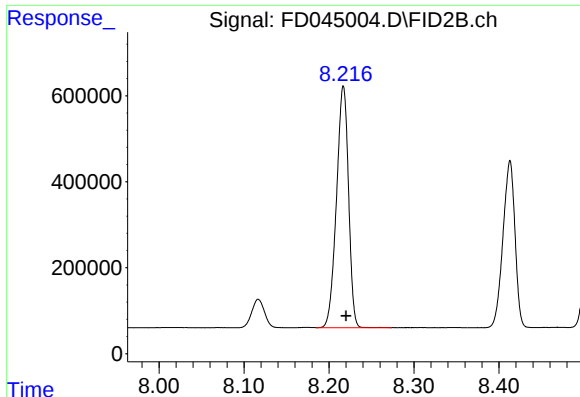
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 5002330
Conc: 29.16 ug/ml



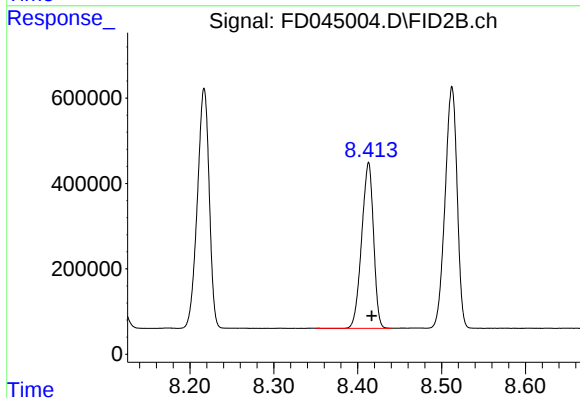
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 5750026
Conc: 39.21 ug/ml



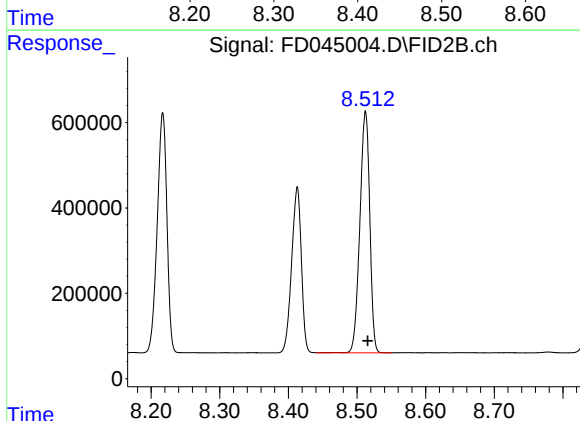
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 5524877
Conc: 35.16 ug/ml



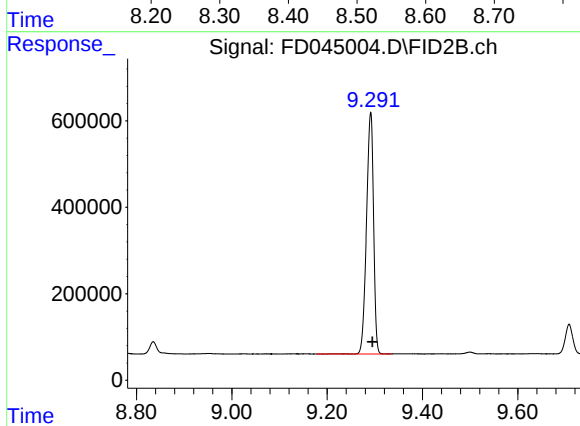
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 3814870
Conc: 38.22 ug/ml



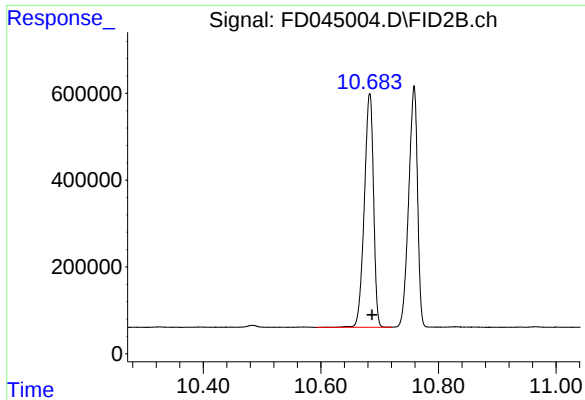
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 5662064
Conc: 34.05 ug/ml



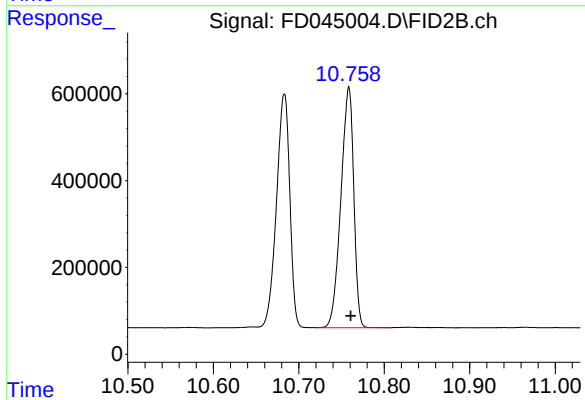
#8 Fluorene (C16.55)

R.T.: 9.291 min
Delta R.T.: -0.004 min
Response: 5742219
Conc: 34.98 ug/ml



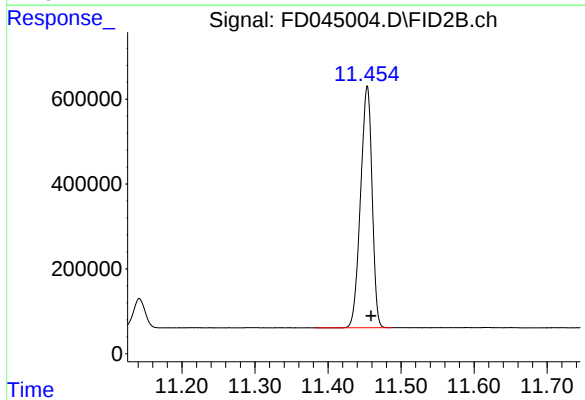
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 5867002
Conc: 36.29 ug/ml



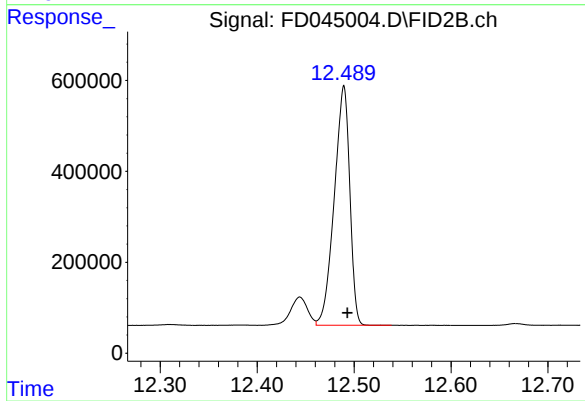
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 5805424
Conc: 39.16 ug/ml



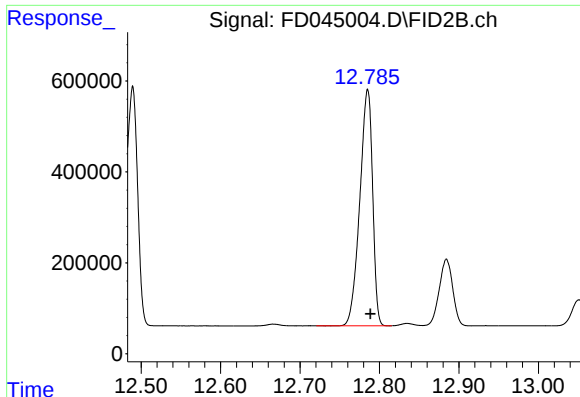
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.006 min
Response: 6248626
Conc: 33.62 ug/ml



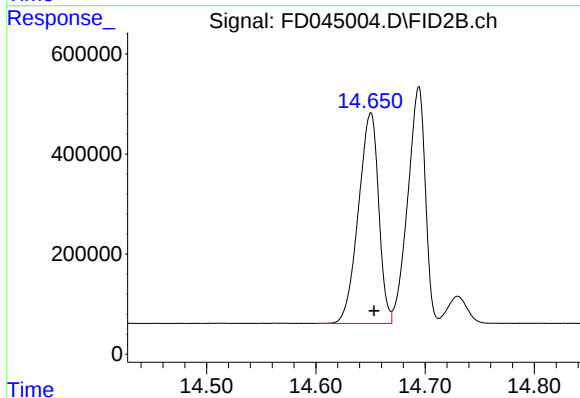
#12 Fluoranthene (C21.85)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 5862990
Conc: 36.63 ug/ml



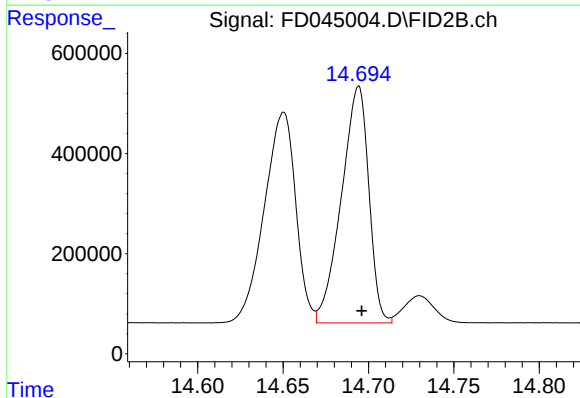
#13 Pyrene (C20.8)

R.T.: 12.785 min
Delta R.T.: -0.004 min
Response: 5828764
Conc: 37.15 ug/ml



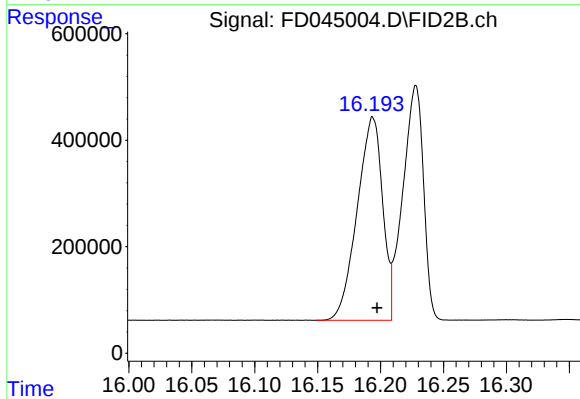
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.003 min
Response: 5411010
Conc: 37.91 ug/ml



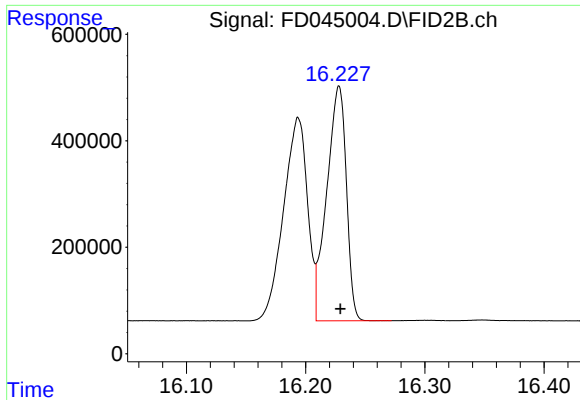
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 5280717
Conc: 35.67 ug/ml



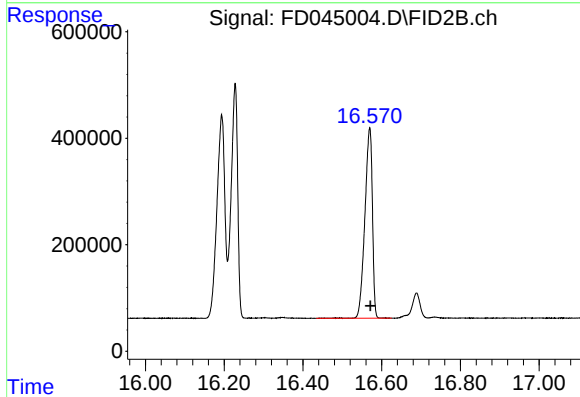
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.194 min
Delta R.T.: -0.004 min
Response: 5354942
Conc: 36.91 ug/ml



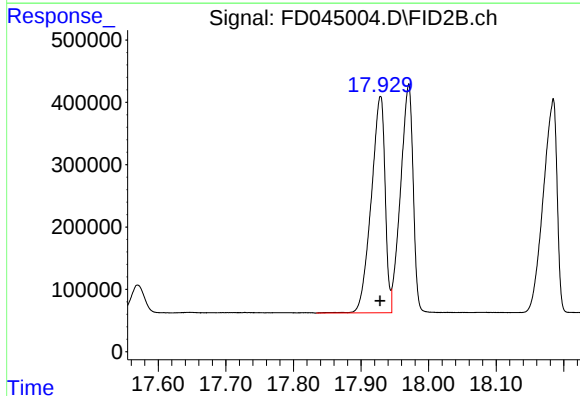
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.228 min
Delta R.T.: -0.002 min
Response: 5038035
Conc: 35.34 ug/ml



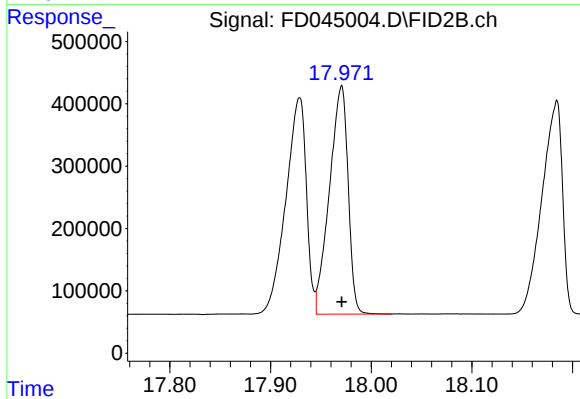
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.003 min
Response: 4737331
Conc: 33.90 ug/ml



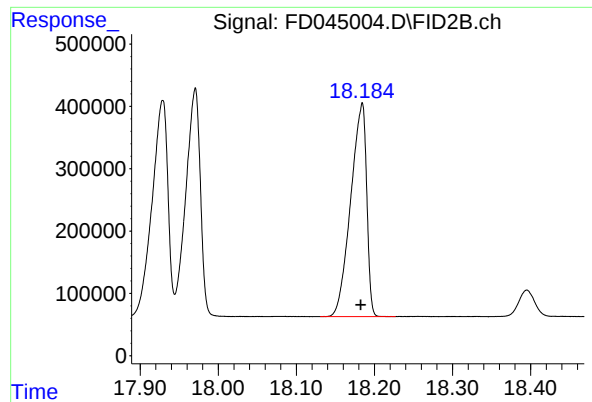
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.000 min
Response: 4963879
Conc: 36.89 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 4711748
Conc: 35.56 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.001 min
Response: 4849607
Conc: 35.67 ug/ml