

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045055.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 19:29
 Operator : YP/AJ
 Sample : 01539-13MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:44:25 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...	7.557	6140922	41.872 ug/ml
Spiked Amount 50.000		Recovery =	83.74%
6) S 2-Fluorobiphenyl (SURR)	8.413	3772426	37.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.59%
11) S ortho-Terphenyl (SURR)	11.454	5878976	31.631 ug/ml
Spiked Amount 50.000		Recovery =	63.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	4904336	30.723 ug/ml
2) T Naphthalene (C11.7)	5.895	5643409	33.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5676883	33.090 ug/ml
5) T Acenaphthylene (C15.06)	8.217	6356620	40.452 ug/ml
7) T Acenaphthene (C15.5)	8.514	6468006	38.901 ug/ml
8) T Fluorene (C16.55)	9.293	6669501	40.634 ug/ml
9) T Phenanthrene (C19.36)	10.685	6995285	43.265 ug/ml
10) T Anthracene (C19.43)	10.761	6760414	45.602 ug/ml
12) T Fluoranthene (C21.85)	12.491	7171490	44.810 ug/ml
13) T Pyrene (C20.8)	12.787	7009700	44.672 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6467080	45.312 ug/ml
15) T Chrysene (C27.41)	14.698	6410160	43.294 ug/ml
16) T benzo[b]fluoranthene ...	16.198	6441902	44.406 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	5999685	42.082 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.574	5689791	40.718 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.934	5999573	44.583 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	5830897	44.001 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	5951589	43.772 ug/ml

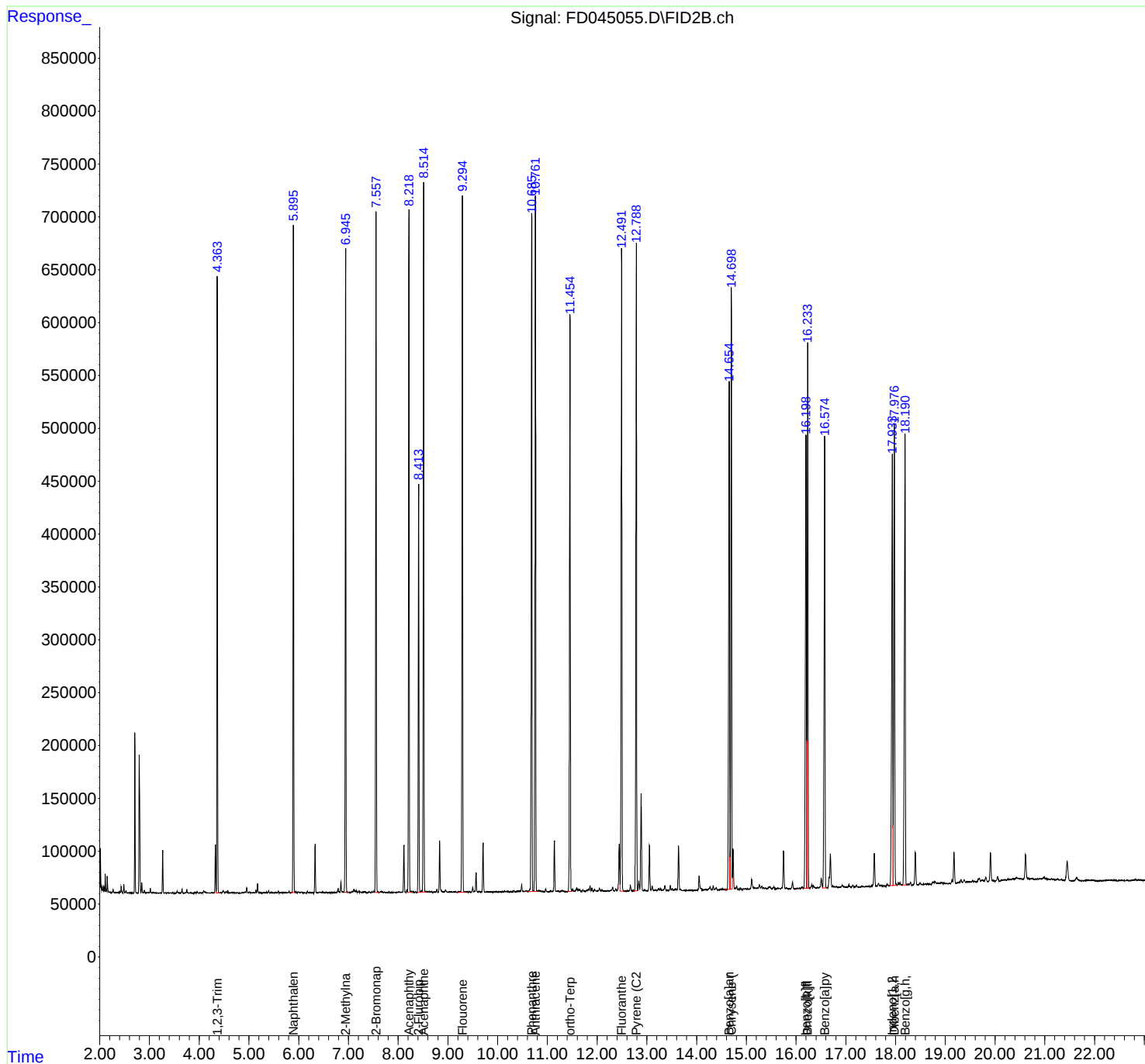
(f)=RT Delta > 1/2 Window

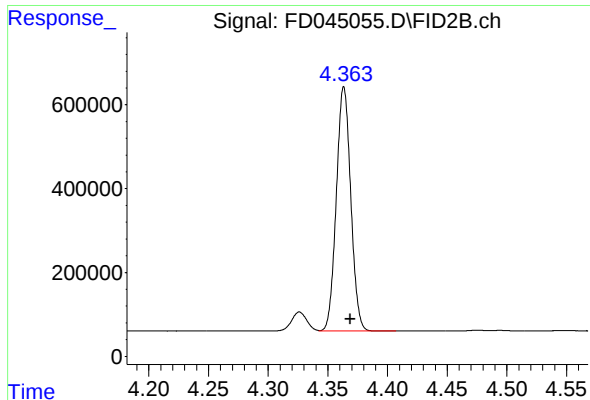
(m)=manual int.

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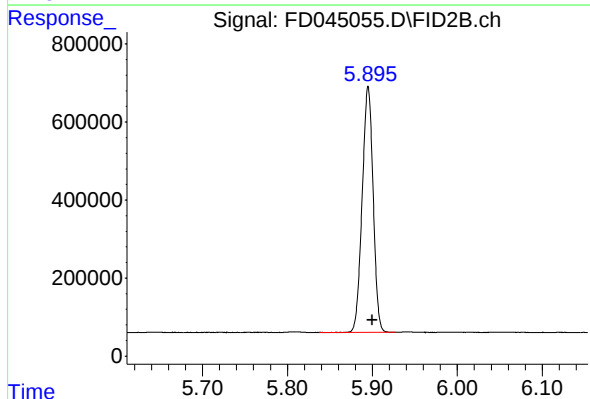
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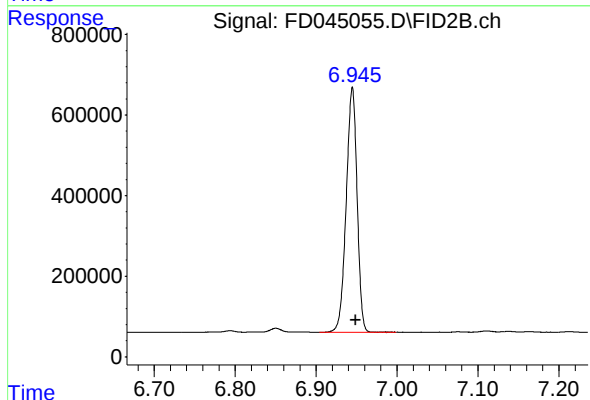
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 4904336
Conc: 30.72 ug/ml



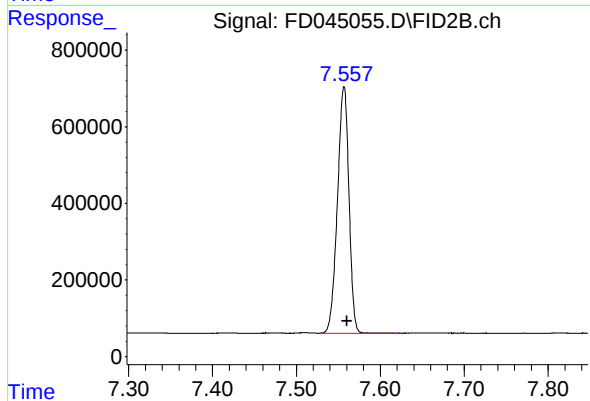
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 5643409
Conc: 33.31 ug/ml



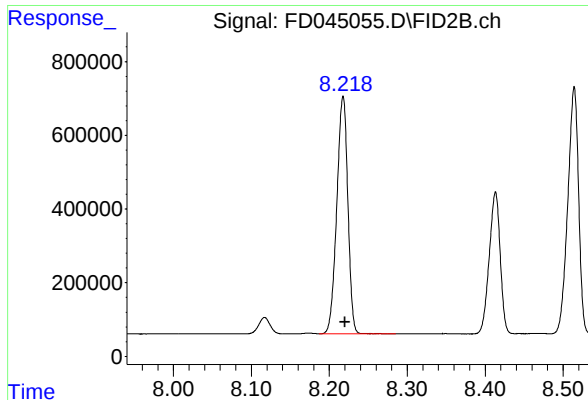
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 5676883
Conc: 33.09 ug/ml



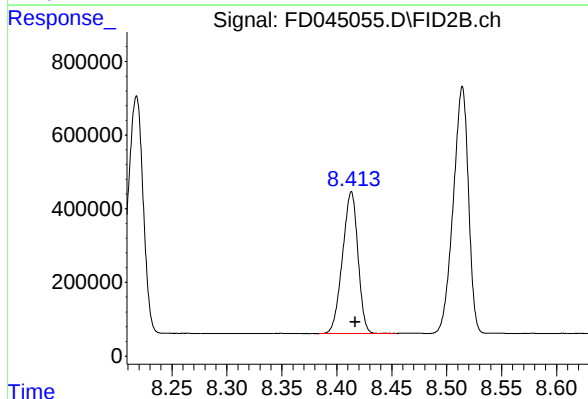
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 6140922
Conc: 41.87 ug/ml



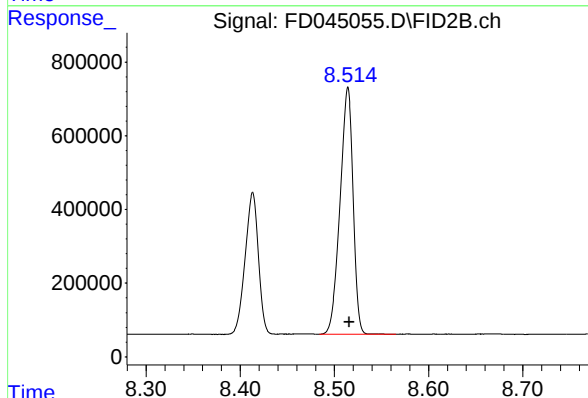
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 6356620
Conc: 40.45 ug/ml



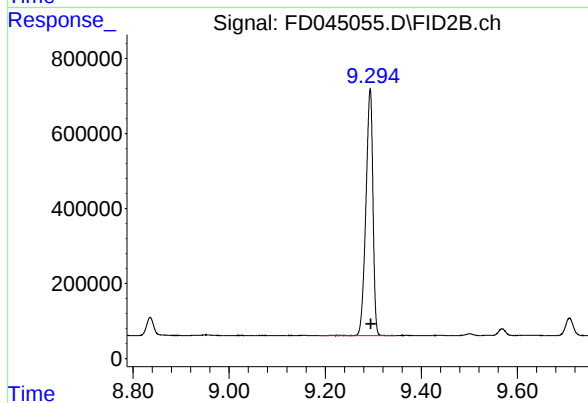
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 3772426
Conc: 37.80 ug/ml



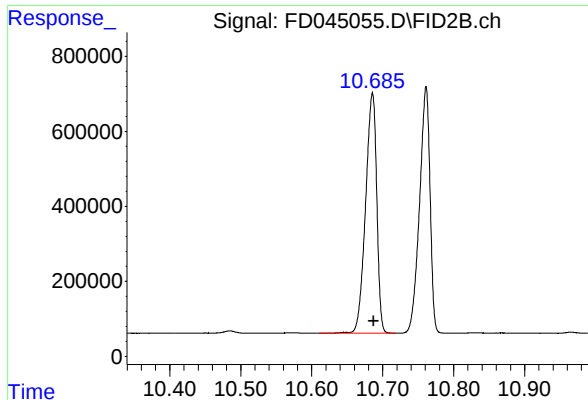
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6468006
Conc: 38.90 ug/ml



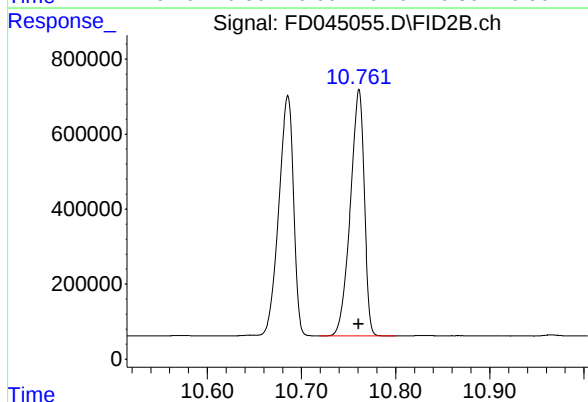
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6669501
Conc: 40.63 ug/ml



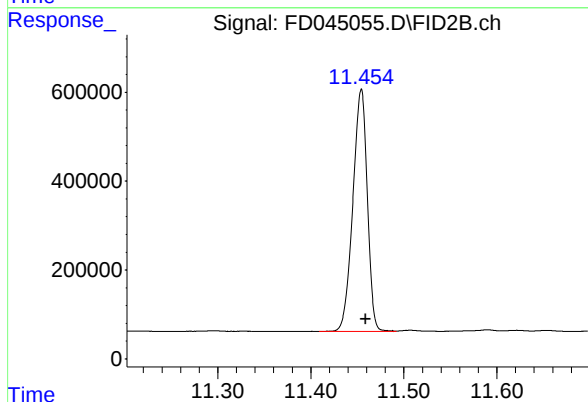
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6995285
Conc: 43.27 ug/ml



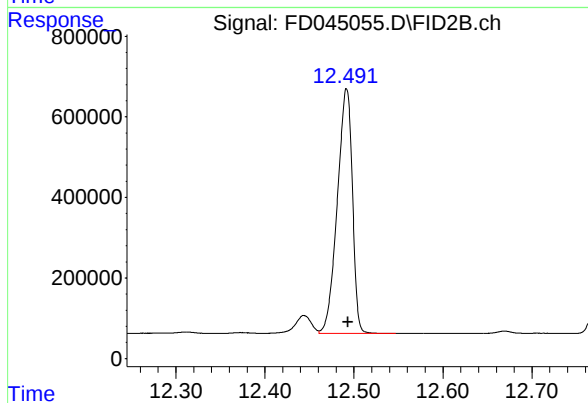
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 6760414
Conc: 45.60 ug/ml



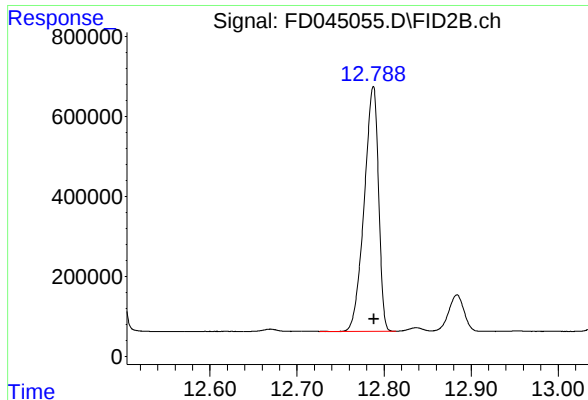
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5878976
Conc: 31.63 ug/ml



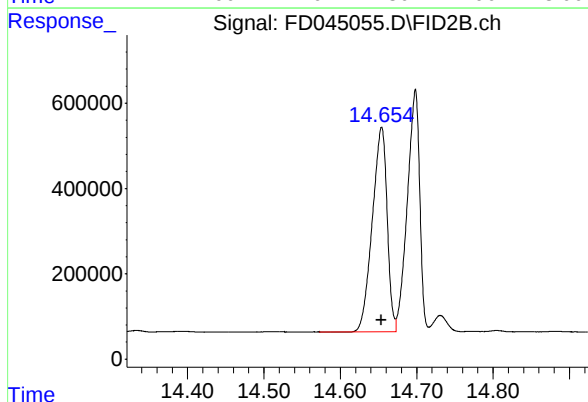
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 7171490
Conc: 44.81 ug/ml



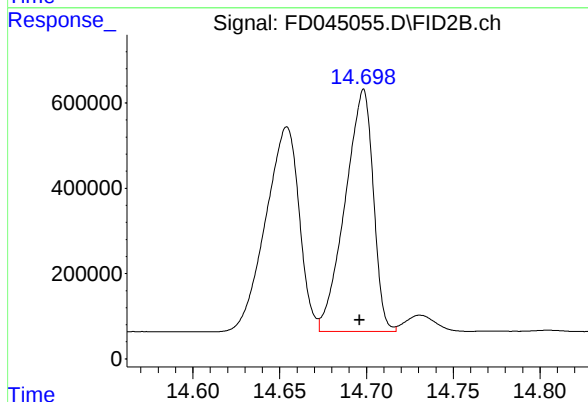
#13 Pyrene (C20.8)

R.T.: 12.787 min
Delta R.T.: -0.001 min
Response: 7009700
Conc: 44.67 ug/ml



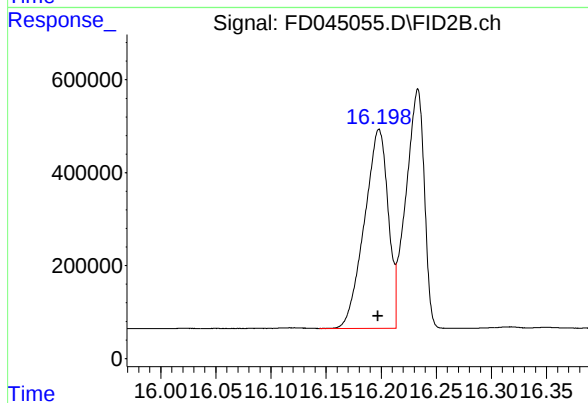
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6467080
Conc: 45.31 ug/ml



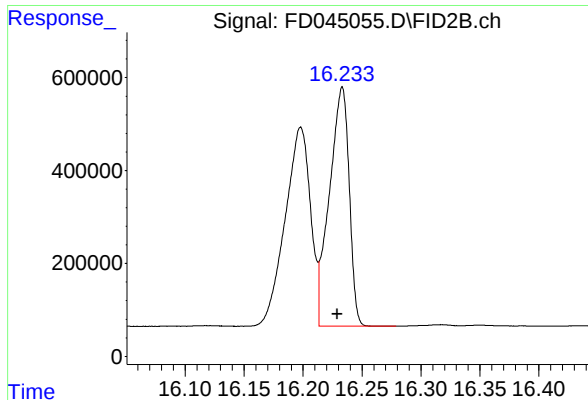
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 6410160
Conc: 43.29 ug/ml



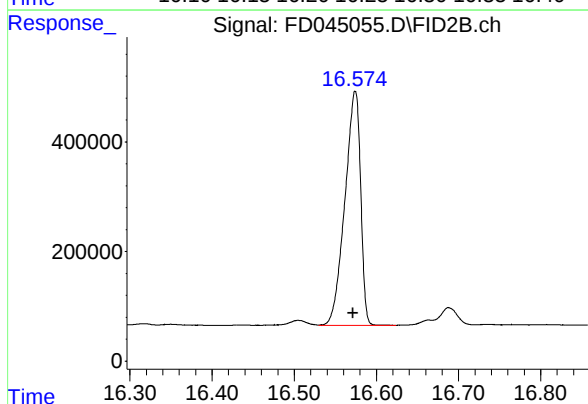
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 6441902
Conc: 44.41 ug/ml



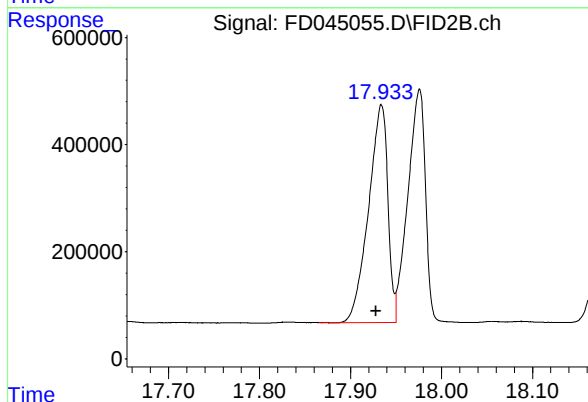
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min
Delta R.T.: 0.004 min
Response: 5999685
Conc: 42.08 ug/ml



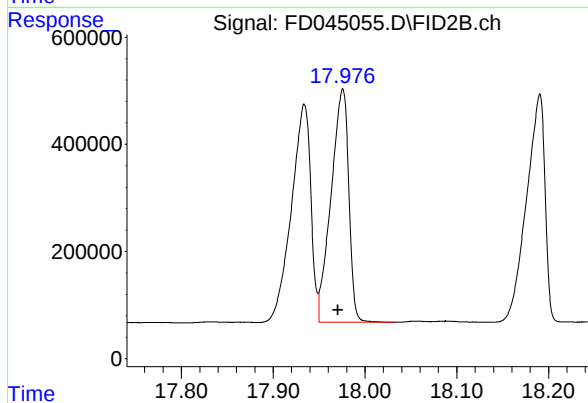
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.574 min
Delta R.T.: 0.002 min
Response: 5689791
Conc: 40.72 ug/ml



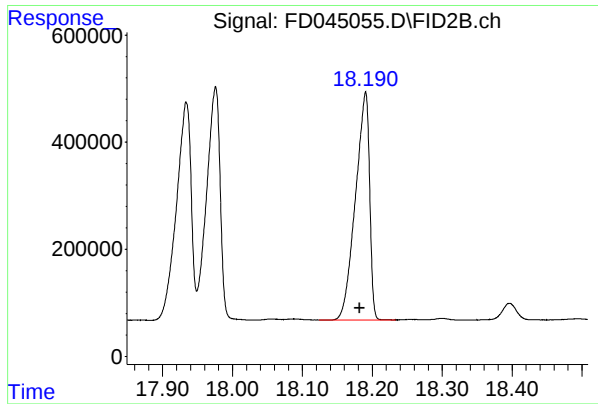
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.934 min
Delta R.T.: 0.006 min
Response: 5999573
Conc: 44.58 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.004 min
Response: 5830897
Conc: 44.00 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.007 min
Response: 5951589
Conc: 43.77 ug/ml