

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045056.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 20:17
 Operator : YP/AJ
 Sample : 01539-13MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:44:34 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	6156858	41.980 ug/ml
Spiked Amount 50.000		Recovery =	83.96%
6) S 2-Fluorobiphenyl (SURR)	8.413	3783178	37.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.81%
11) S ortho-Terphenyl (SURR)	11.454	5894480	31.715 ug/ml
Spiked Amount 50.000		Recovery =	63.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	4894962	30.665 ug/ml
2) T Naphthalene (C11.7)	5.895	5644383	33.313 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5691881	33.177 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6368729	40.529 ug/ml
7) T Acenaphthene (C15.5)	8.514	6484243	38.998 ug/ml
8) T Fluorene (C16.55)	9.293	6701959	40.832 ug/ml
9) T Phenanthrene (C19.36)	10.685	7060575	43.669 ug/ml
10) T Anthracene (C19.43)	10.760	6820122	46.005 ug/ml
12) T Fluoranthene (C21.85)	12.492	7213421	45.072 ug/ml
13) T Pyrene (C20.8)	12.788	7083502	45.142 ug/ml
14) T Benzo[a]anthracene (C...	14.653	6525377	45.720 ug/ml
15) T Chrysene (C27.41)	14.697	6465100	43.665 ug/ml
16) T benzo[b]fluoranthene ...	16.198	6455128	44.497 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	6041358	42.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.574	5708185	40.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.933	6023996	44.764 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	5891275	44.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.189	5959918	43.834 ug/ml

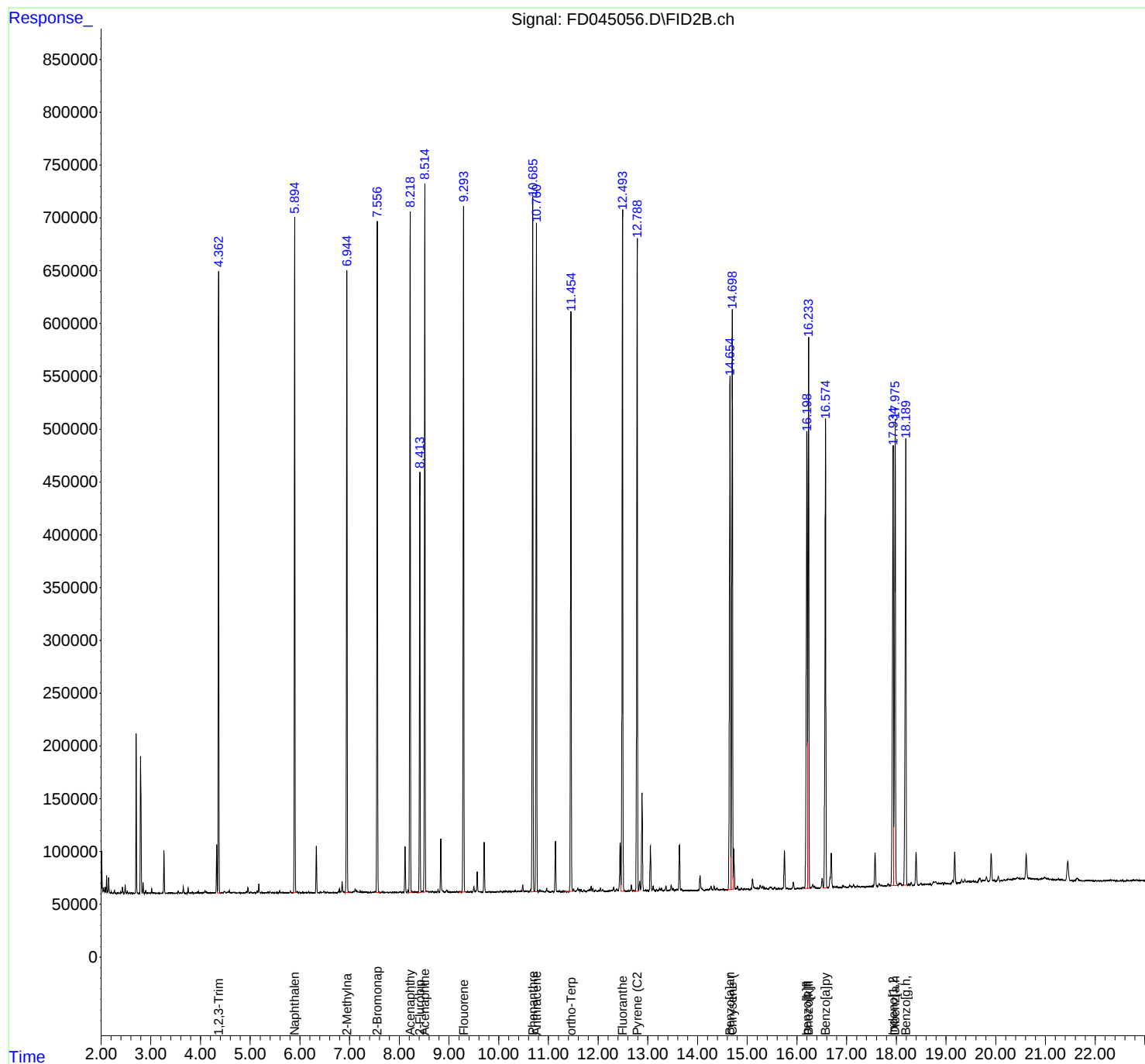
(f)=RT Delta > 1/2 Window

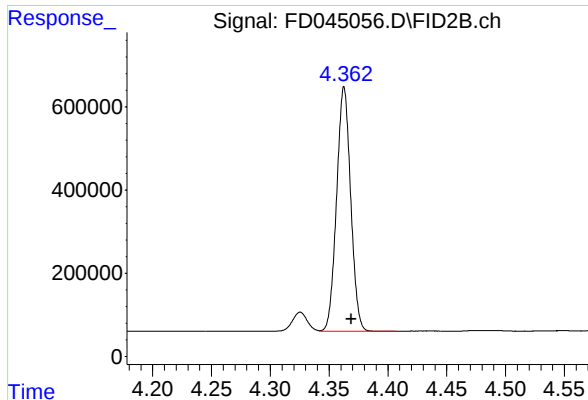
(m)=manual int.

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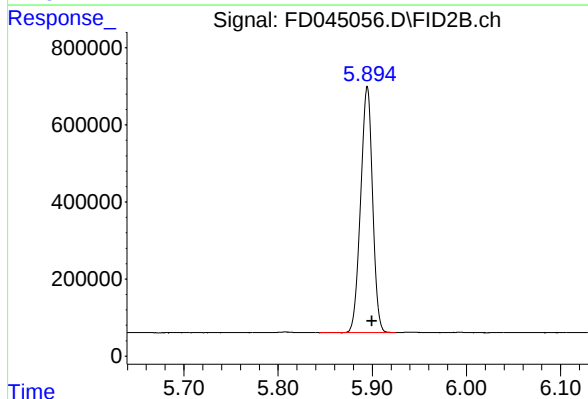
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Signal Info : 20M x 0.18mm x 0.18µm





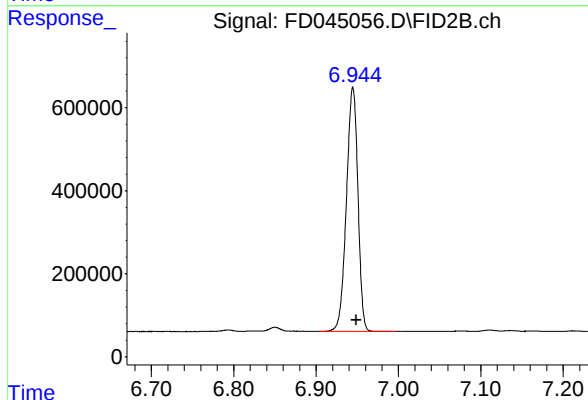
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.006 min
Response: 4894962
Conc: 30.66 ug/ml



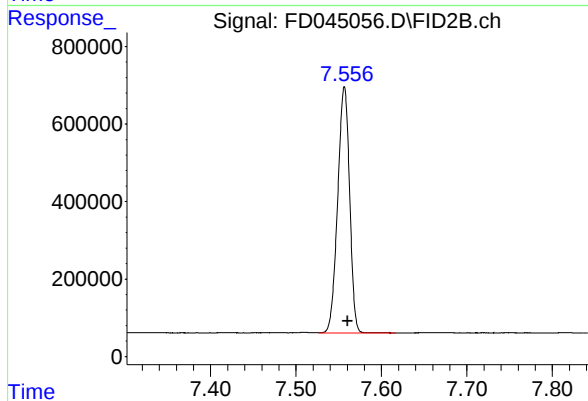
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 5644383
Conc: 33.31 ug/ml



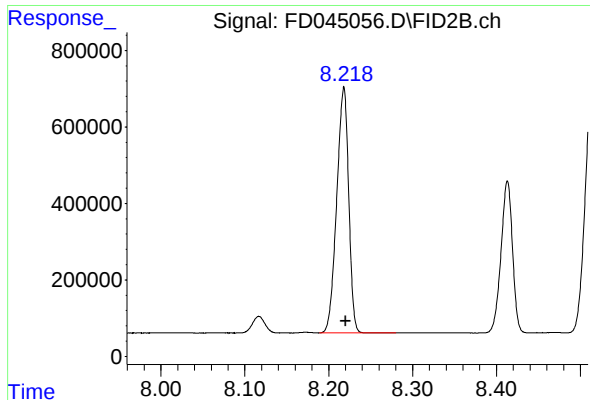
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 5691881
Conc: 33.18 ug/ml



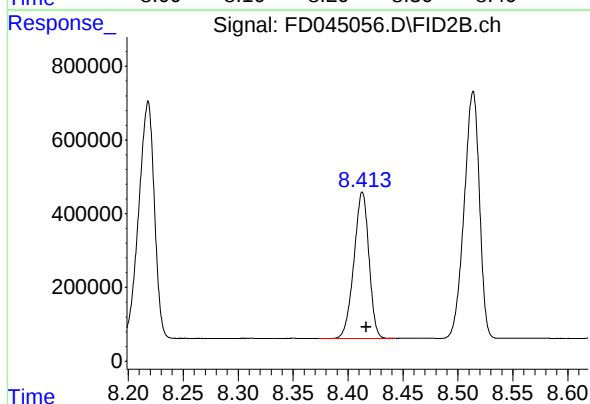
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 6156858
Conc: 41.98 ug/ml



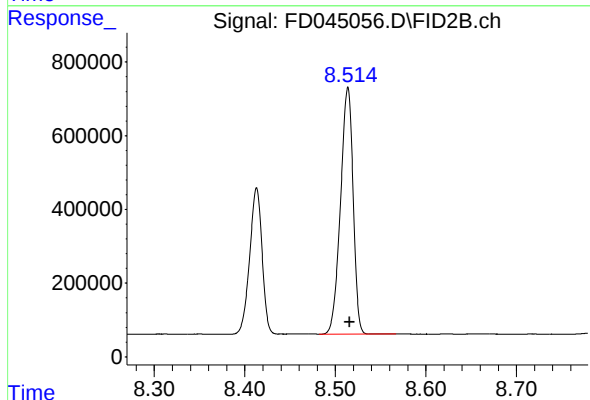
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 6368729
Conc: 40.53 ug/ml



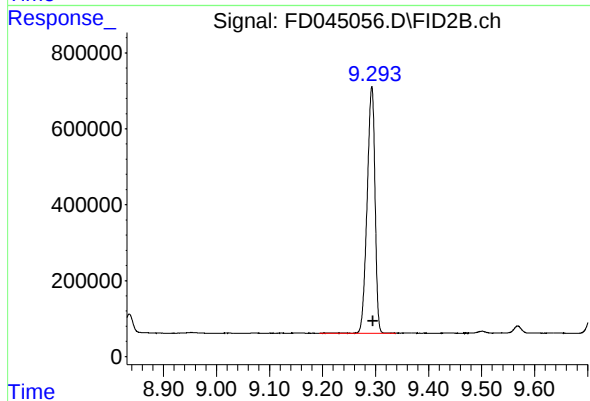
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 3783178
Conc: 37.90 ug/ml



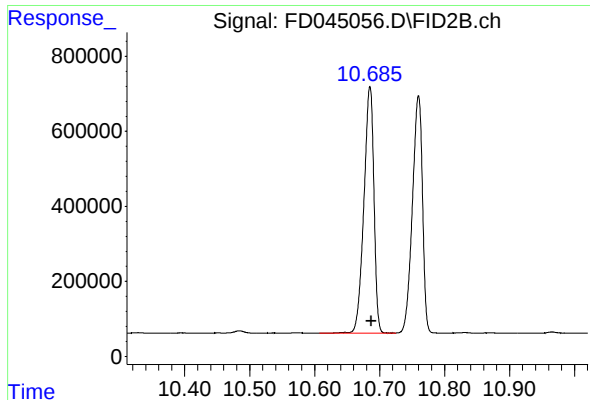
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6484243
Conc: 39.00 ug/ml



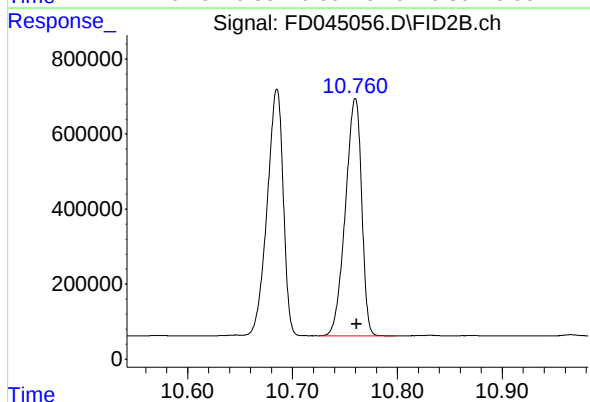
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6701959
Conc: 40.83 ug/ml



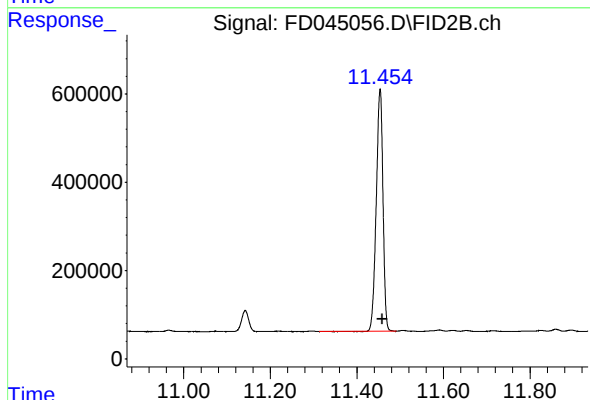
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 7060575
Conc: 43.67 ug/ml



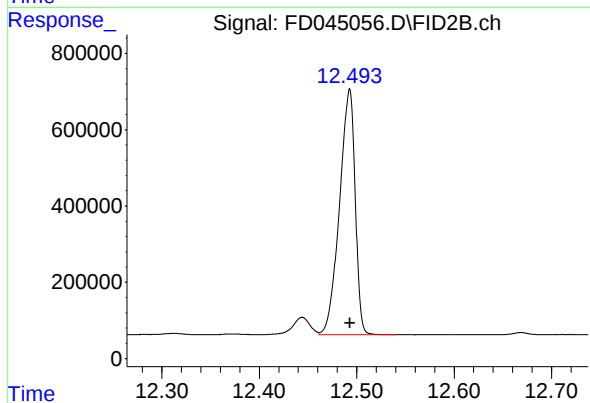
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: -0.001 min
Response: 6820122
Conc: 46.01 ug/ml



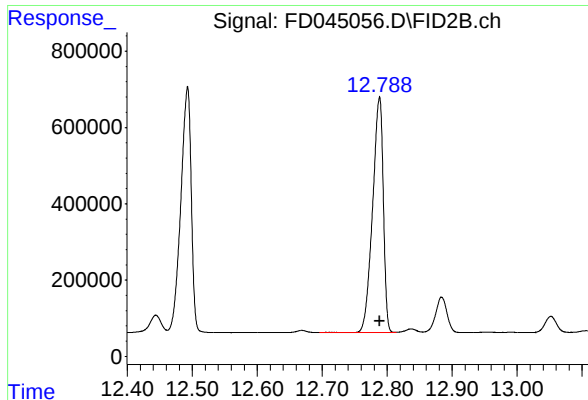
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.006 min
Response: 5894480
Conc: 31.71 ug/ml



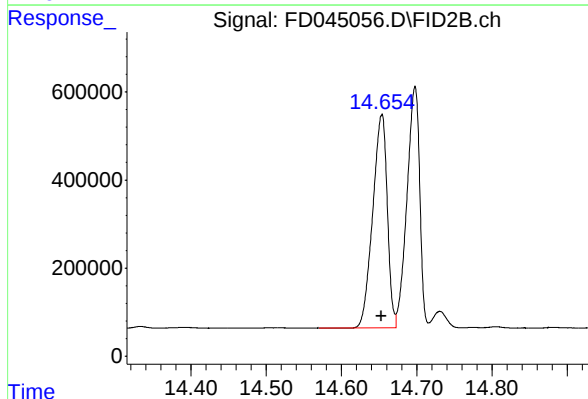
#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 7213421
Conc: 45.07 ug/ml



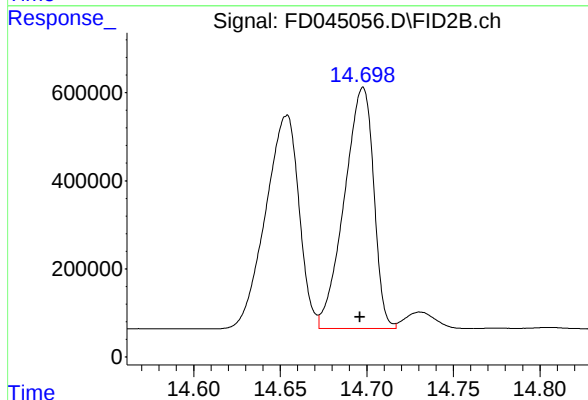
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 7083502
Conc: 45.14 ug/ml



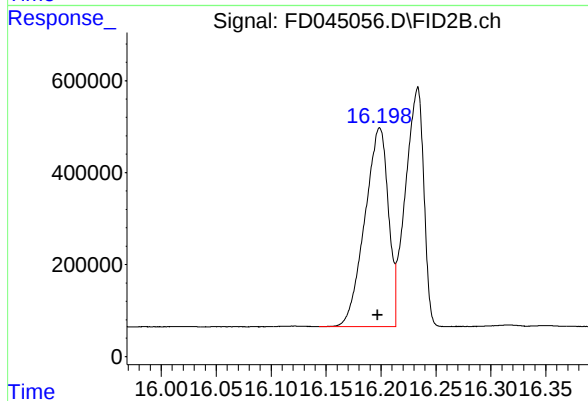
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 6525377
Conc: 45.72 ug/ml



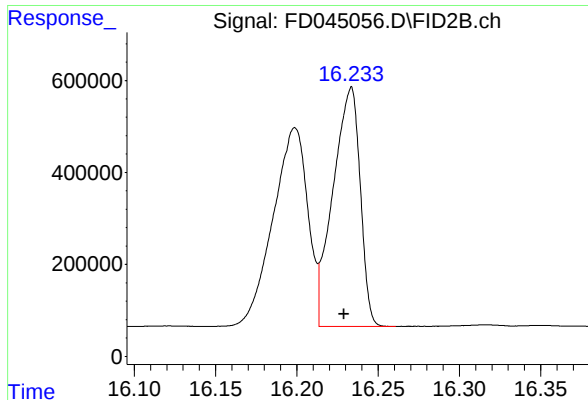
#15 Chrysene (C27.41)

R.T.: 14.697 min
Delta R.T.: 0.001 min
Response: 6465100
Conc: 43.66 ug/ml



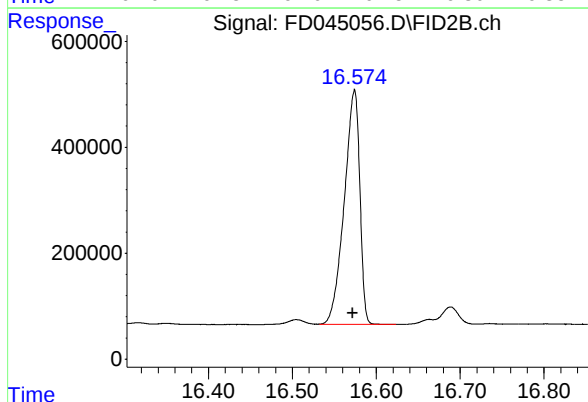
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 6455128
Conc: 44.50 ug/ml



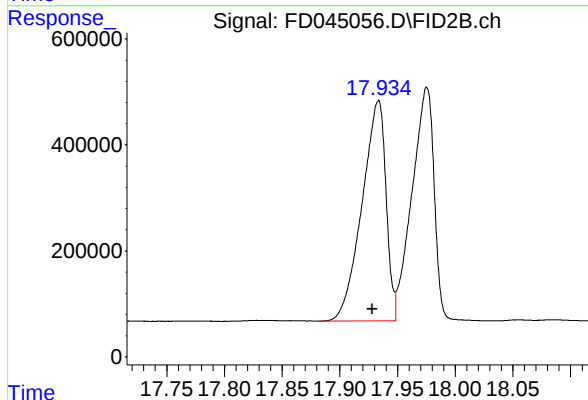
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min
Delta R.T.: 0.003 min
Response: 6041358
Conc: 42.37 ug/ml



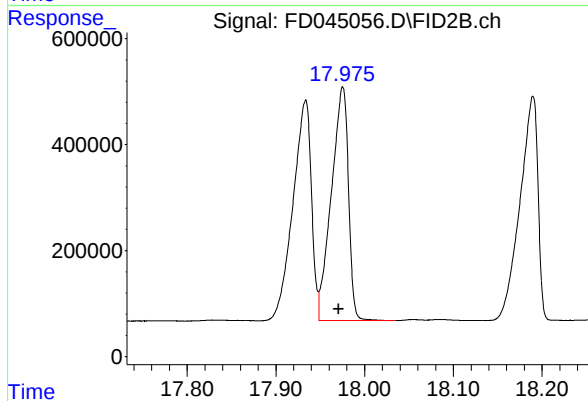
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.574 min
Delta R.T.: 0.002 min
Response: 5708185
Conc: 40.85 ug/ml



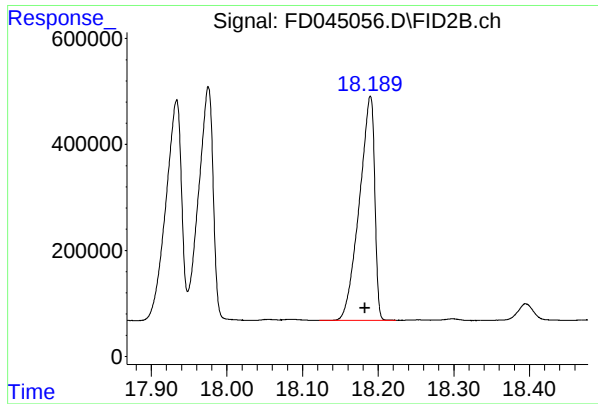
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min
Delta R.T.: 0.005 min
Response: 6023996
Conc: 44.76 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.004 min
Response: 5891275
Conc: 44.46 ug/ml



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

R.T.: 18.189 min
Delta R.T.: 0.007 min
Response: 5959918
Conc: 43.83 ug/ml