

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046675.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 17:21
 Operator : YP/AJ
 Sample : PB156181BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:38:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	7854951	44.573 ug/ml
Spiked Amount 50.000		Recovery =	89.15%
6) S 2-Fluorobiphenyl (SURR)	8.343	3578431	30.886 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.77%
11) S ortho-Terphenyl (SURR)	11.382	8728858	42.845 ug/ml
Spiked Amount 50.000		Recovery =	85.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	4715776	25.532 ug/ml
2) T Naphthalene (C11.7)	5.828	6157058	31.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	6599089	34.053 ug/ml
5) T Acenaphthylene (C15.06)	8.149	8384961	47.554 ug/ml
7) T Acenaphthene (C15.5)	8.444	7565438	40.264 ug/ml
8) T Fluorene (C16.55)	9.223	9093349	50.409 ug/ml
9) T Phenanthrene (C19.36)	10.613	9499759	54.030 ug/ml
10) T Anthracene (C19.43)	10.688	9301416	60.558 ug/ml
12) T Fluoranthene (C21.85)	12.418	9921902	58.213 ug/ml
13) T Pyrene (C20.8)	12.713	9922482	60.485 ug/ml
14) T Benzo[a]anthracene (C...	14.577	9057132	64.864 ug/ml
15) T Chrysene (C27.41)	14.622	8991666	59.233 ug/ml
16) T benzo[b]fluoranthene ...	16.119	8700289	63.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	8488565	61.279 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	8144372	60.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	8181745	65.272 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	7594530	57.072 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	7748179	58.755 ug/ml

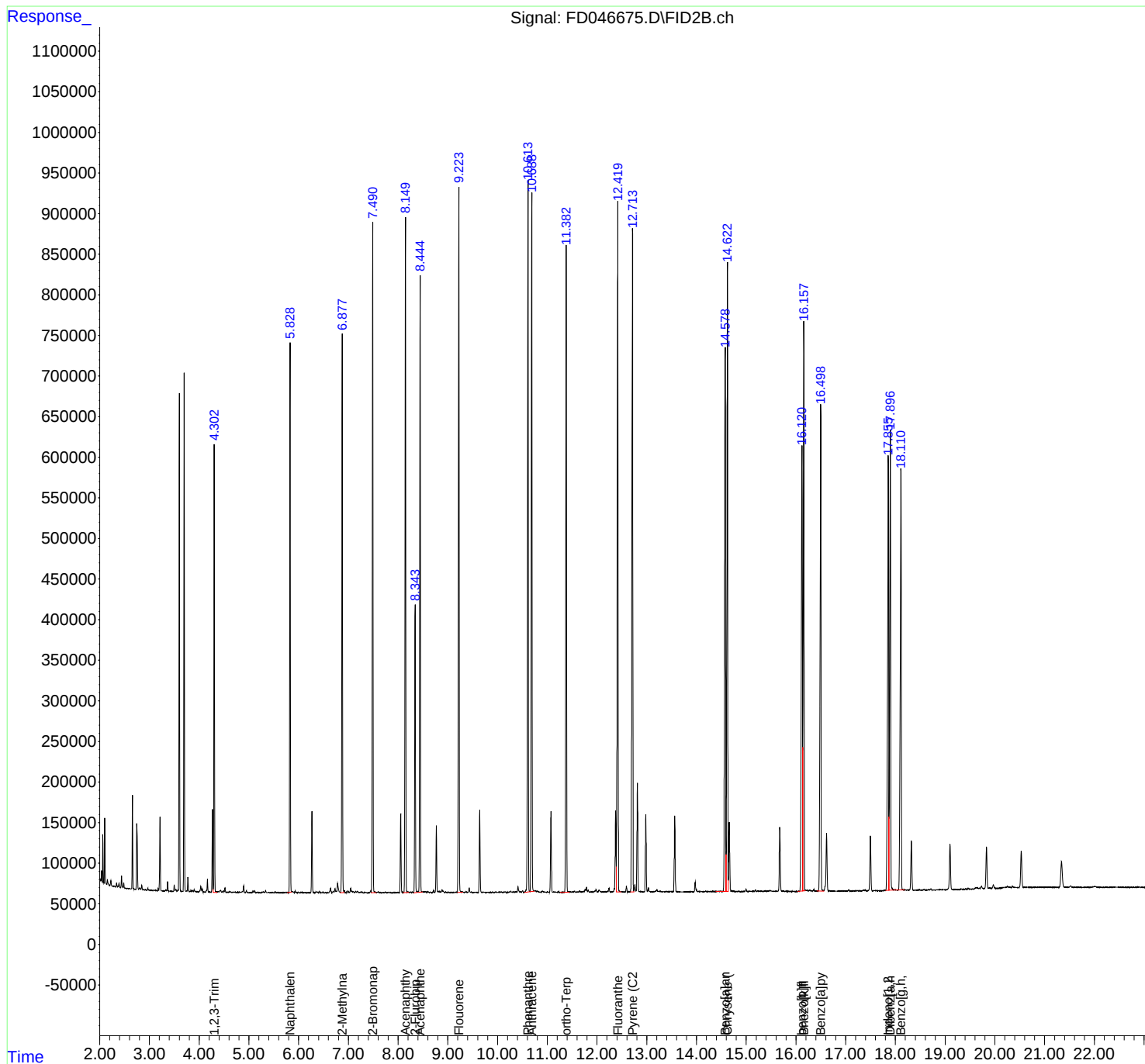
(f)=RT Delta > 1/2 Window

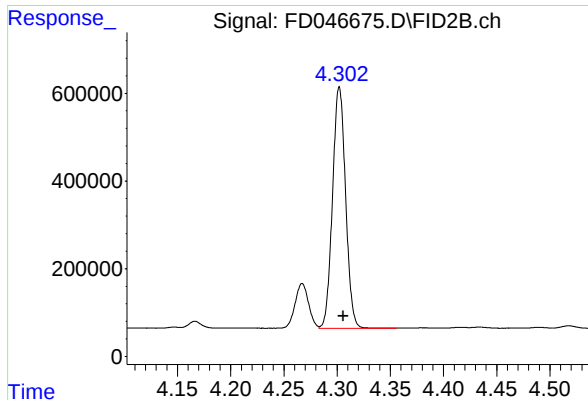
(m)=manual int.

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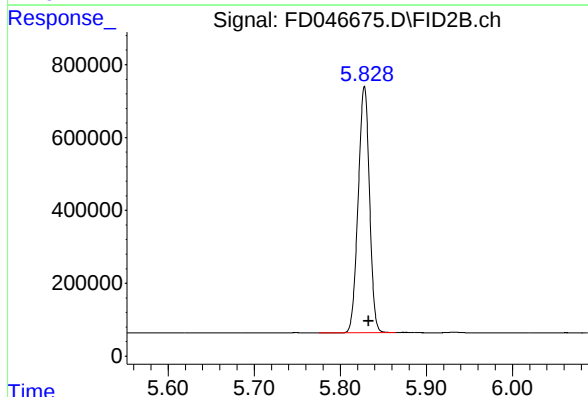
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





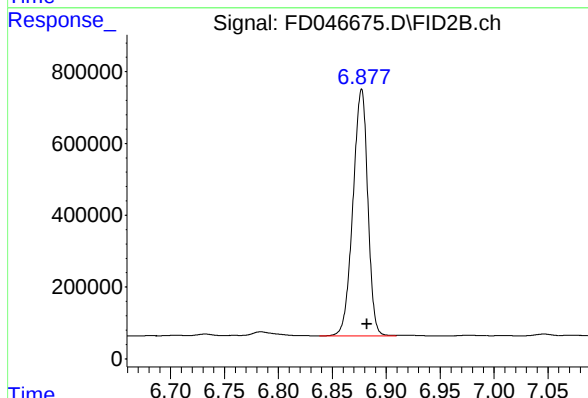
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 4715776
Conc: 25.53 ug/ml



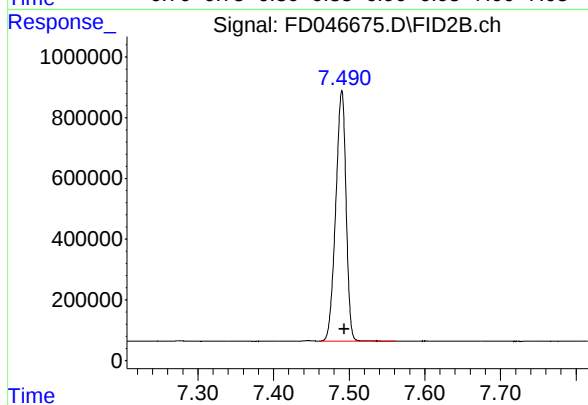
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 6157058
Conc: 31.86 ug/ml



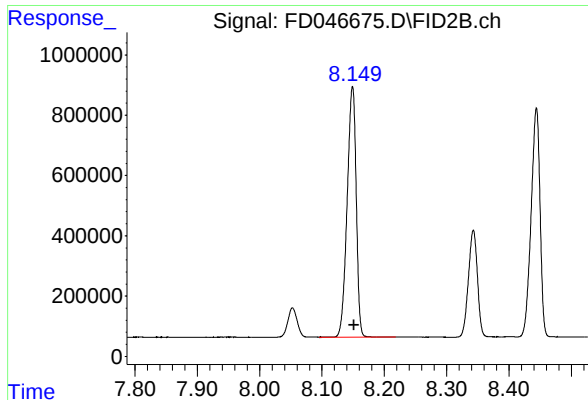
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 6599089
Conc: 34.05 ug/ml



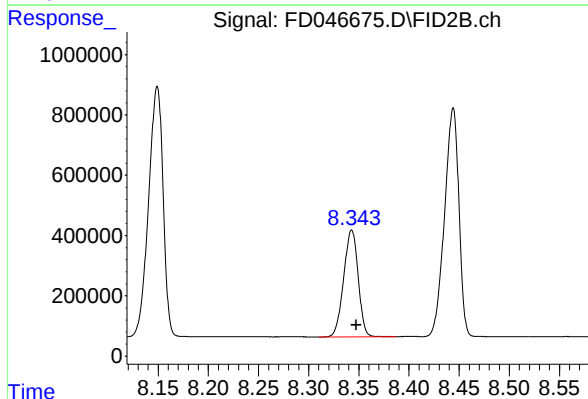
#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 7854951
Conc: 44.57 ug/ml



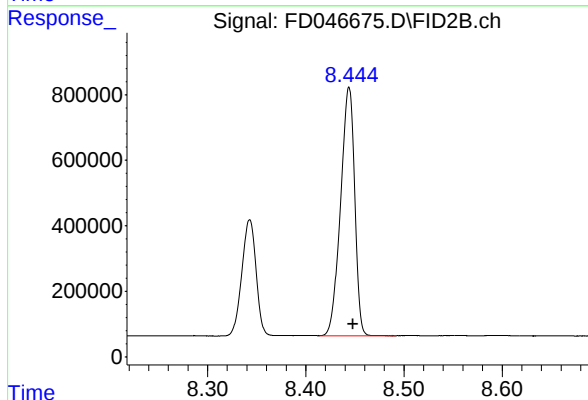
#5 Acenaphthylene (C15.06)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 8384961
Conc: 47.55 ug/ml



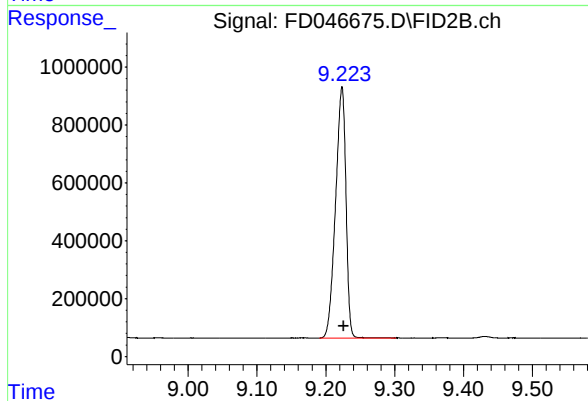
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 3578431
Conc: 30.89 ug/ml



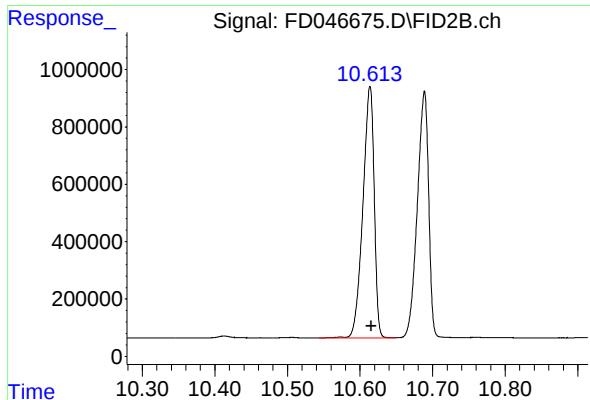
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 7565438
Conc: 40.26 ug/ml



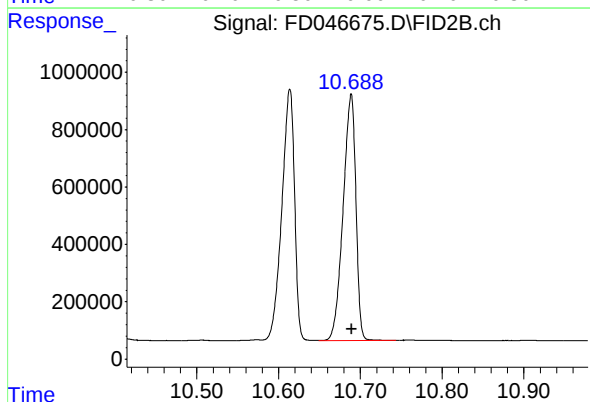
#8 Fluorene (C16.55)

R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 9093349
Conc: 50.41 ug/ml



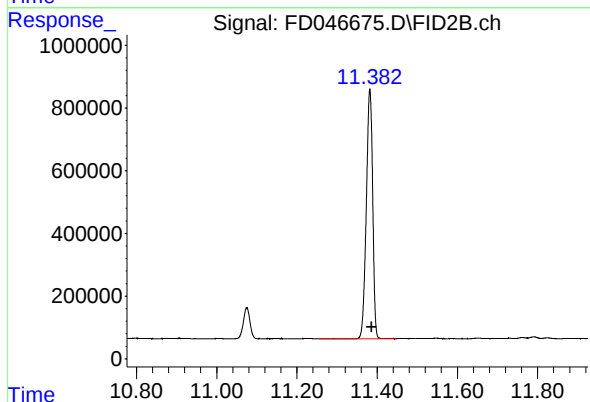
#9 Phenanthrene (C19.36)

R.T.: 10.613 min
Delta R.T.: -0.002 min
Response: 9499759
Conc: 54.03 ug/ml



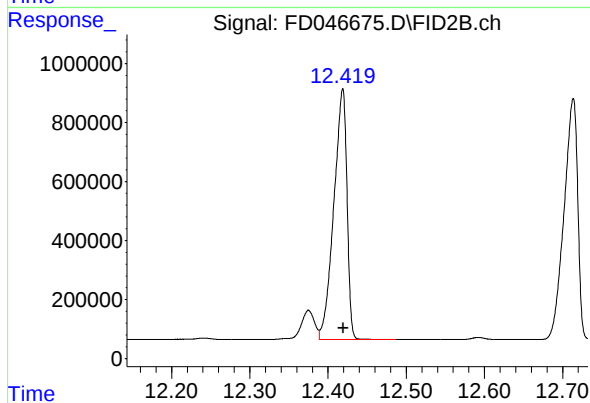
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.001 min
Response: 9301416
Conc: 60.56 ug/ml



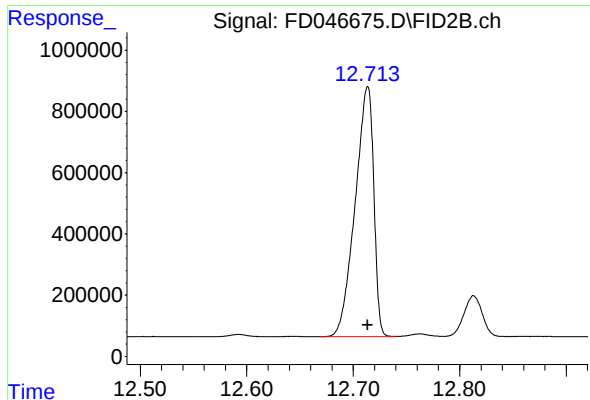
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 8728858
Conc: 42.85 ug/ml



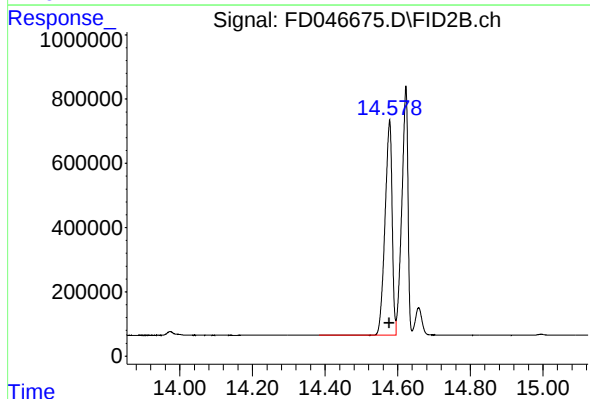
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 9921902
Conc: 58.21 ug/ml



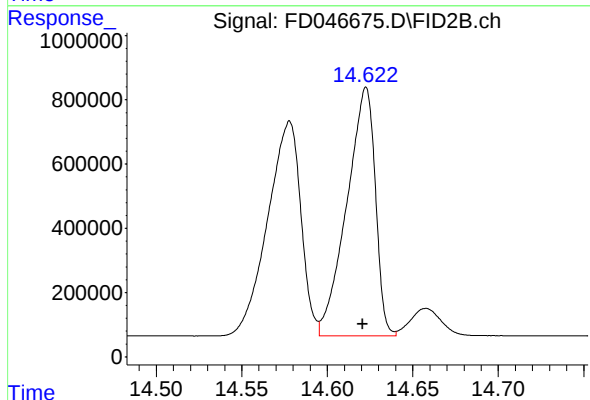
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 9922482
Conc: 60.48 ug/ml



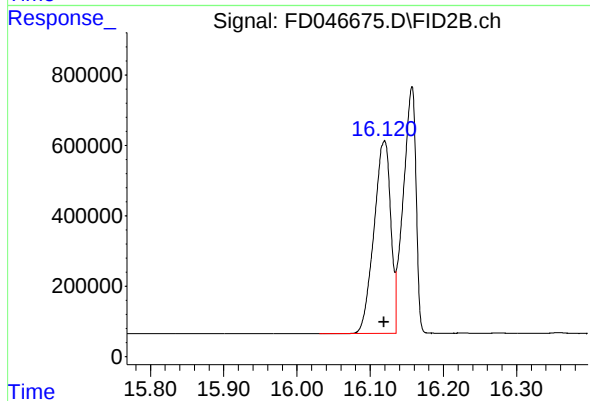
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 9057132
Conc: 64.86 ug/ml



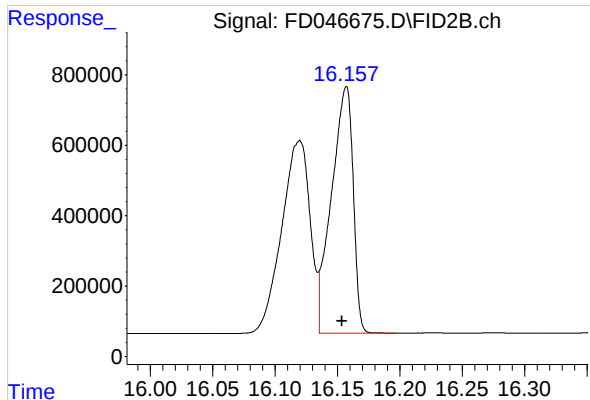
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.001 min
Response: 8991666
Conc: 59.23 ug/ml



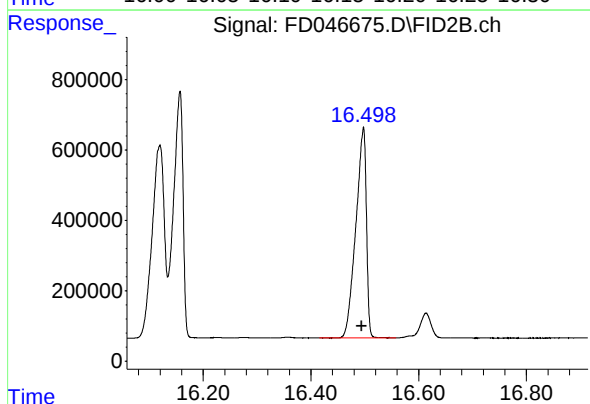
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 8700289
Conc: 63.43 ug/ml



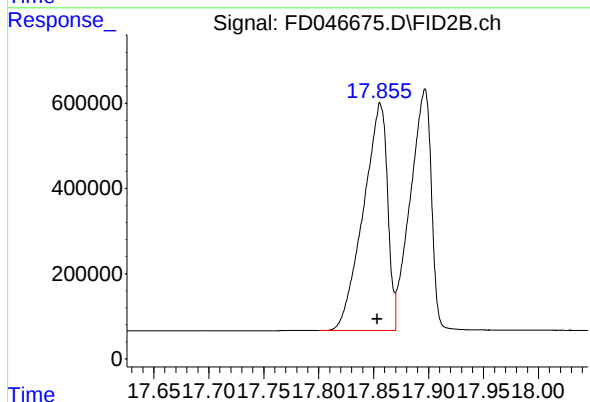
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.156 min
Delta R.T.: 0.003 min
Response: 8488565
Conc: 61.28 ug/ml



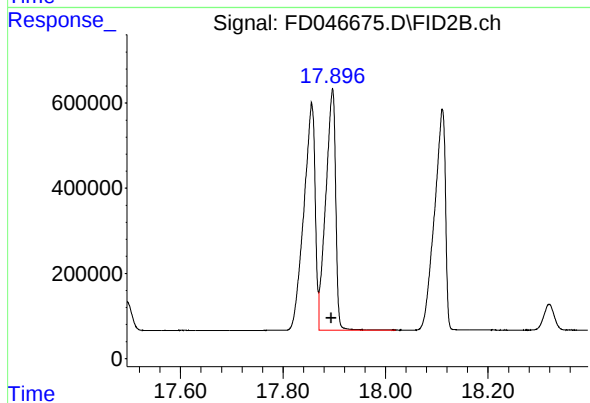
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.002 min
Response: 8144372
Conc: 60.88 ug/ml



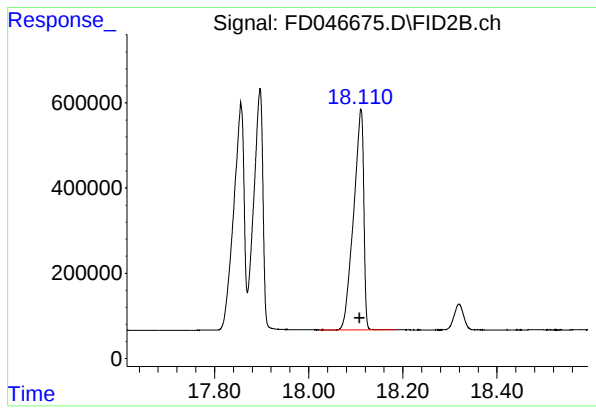
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.002 min
Response: 8181745
Conc: 65.27 ug/ml



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

R.T.: 17.896 min
Delta R.T.: 0.002 min
Response: 7594530
Conc: 57.07 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.002 min
Response: 7748179
Conc: 58.75 ug/ml