

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045100.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 18:54
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:50:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:49:01 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...	7.554	1347954	9.937 ug/ml
Spiked Amount 50.000		Recovery =	19.87%
6) S 2-Fluorobiphenyl (SURR)	8.410	904310	9.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.97%
11) S ortho-Terphenyl (SURR)	11.451	1693404	10.050 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	1518832	10.112 ug/ml
2) T Naphthalene (C11.7)	5.894	1581214	10.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	1576221	9.977 ug/ml
5) T Acenaphthylene (C15.06)	8.214	1439213	9.941 ug/ml
7) T Acenaphthene (C15.5)	8.509	1517456	9.952 ug/ml
8) T Flouorene (C16.55)	9.287	1487658	9.973 ug/ml
9) T Phenanthrene (C19.36)	10.679	1453986	9.910 ug/ml
10) T Anthracene (C19.43)	10.752	1361999	10.007 ug/ml
12) T Fluoranthene (C21.85)	12.484	1451163	10.066 ug/ml
13) T Pyrene (C20.8)	12.779	1405482	9.953 ug/ml
14) T Benzo[a]anthracene (C...	14.644	1285557	10.032 ug/ml
15) T Chrysene (C27.41)	14.685	1336468	10.061 ug/ml
16) T benzo[b]fluoranthene ...	16.186	1324546	10.061 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	1318662	10.210 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	1308672	10.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	1273470	10.174 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	1257452	10.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	1299558	10.207 ug/ml

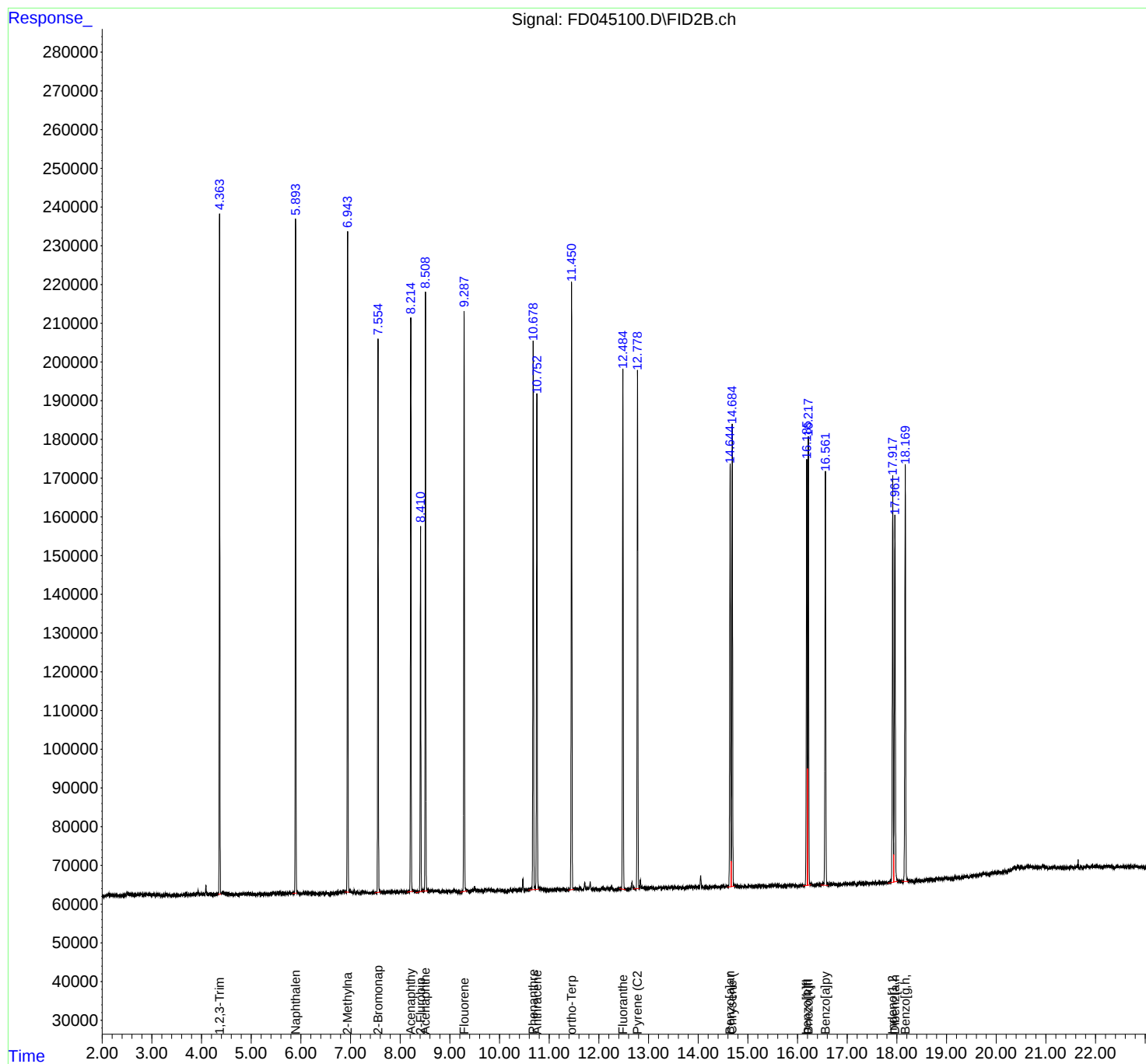
(f)=RT Delta > 1/2 Window

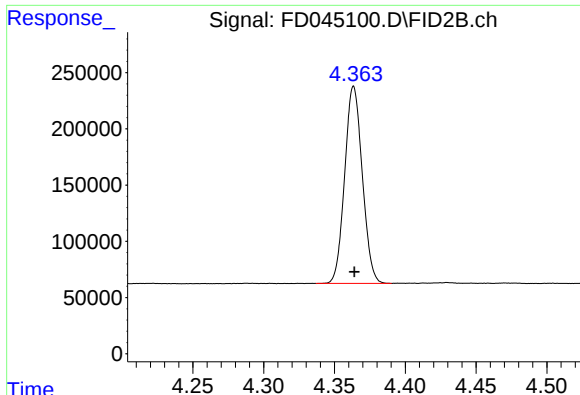
(m)=manual int.

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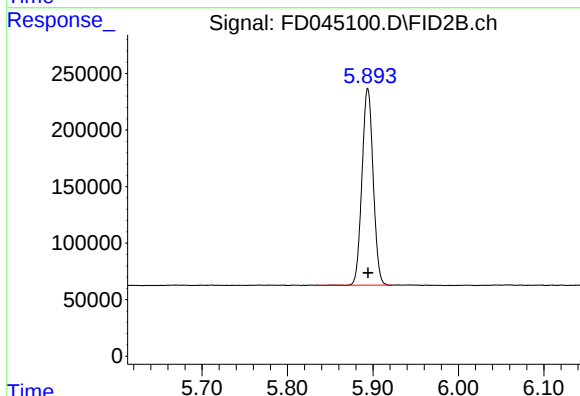
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Signal Info : 20M x 0.18mm x 0.18µm





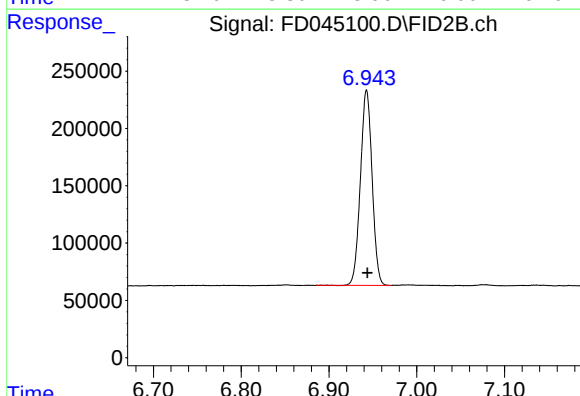
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1518832
Conc: 10.11 ug/ml



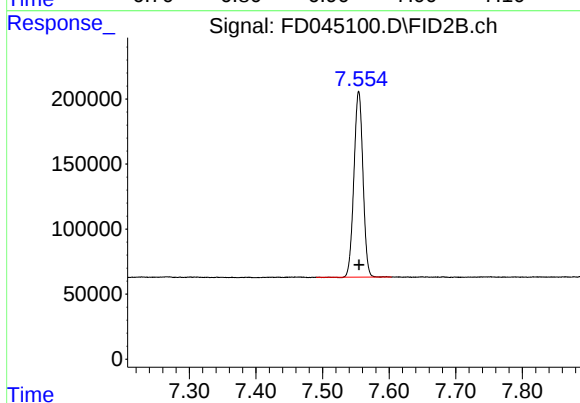
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 1581214
Conc: 10.00 ug/ml



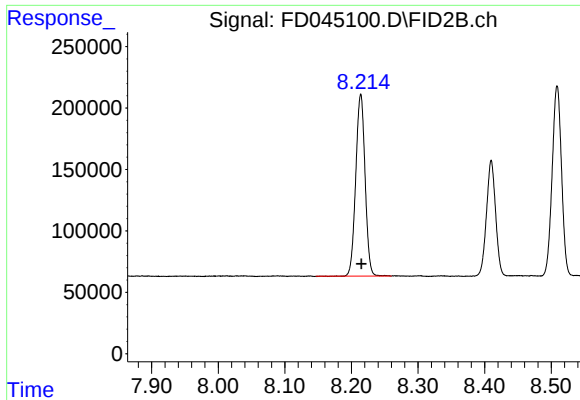
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 1576221
Conc: 9.98 ug/ml



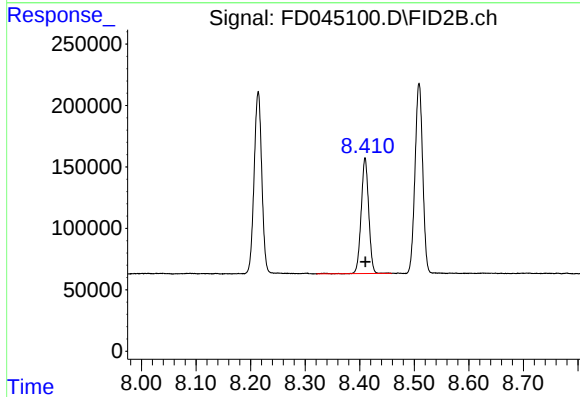
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 1347954
Conc: 9.94 ug/ml



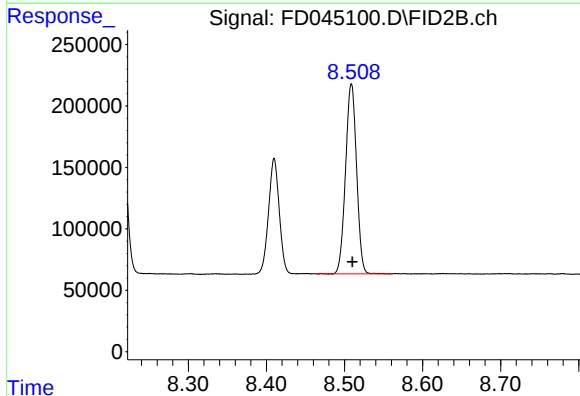
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 1439213
Conc: 9.94 ug/ml



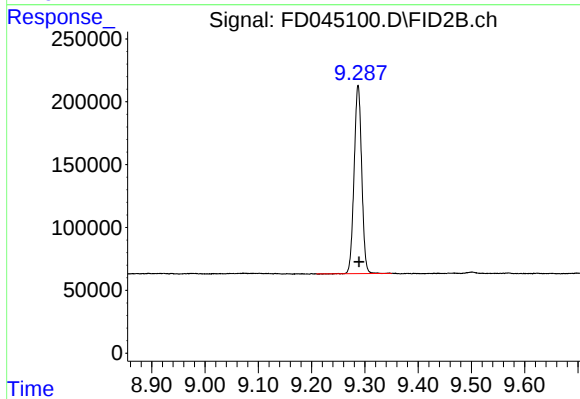
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 904310
Conc: 9.98 ug/ml



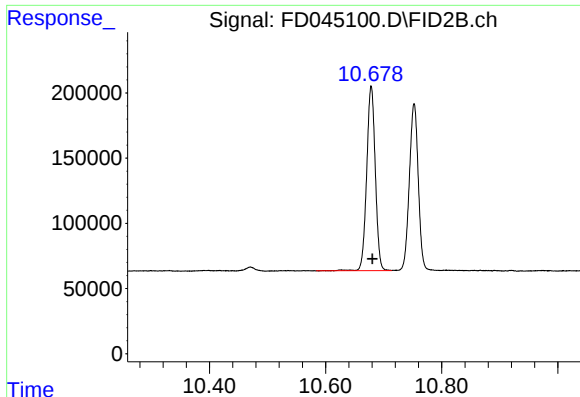
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.001 min
Response: 1517456
Conc: 9.95 ug/ml



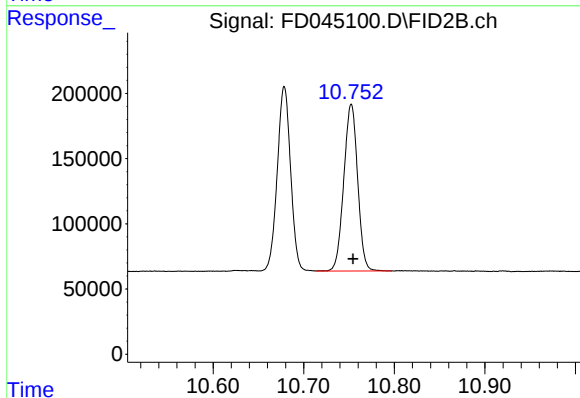
#8 Fluorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.002 min
Response: 1487658
Conc: 9.97 ug/ml



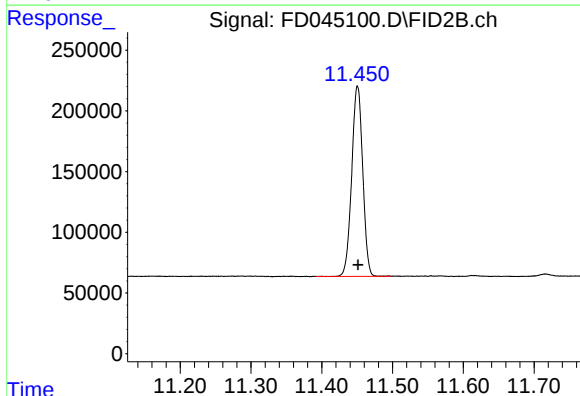
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.002 min
Response: 1453986
Conc: 9.91 ug/ml



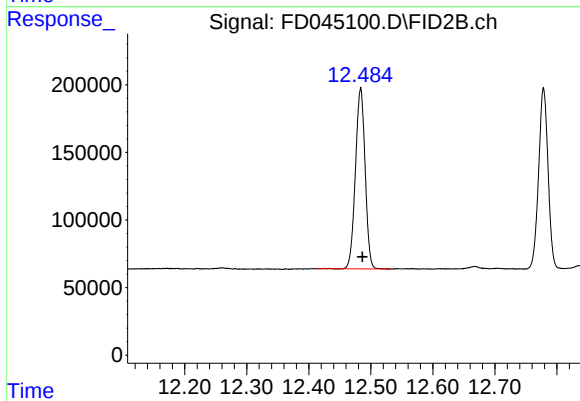
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.002 min
Response: 1361999
Conc: 10.01 ug/ml



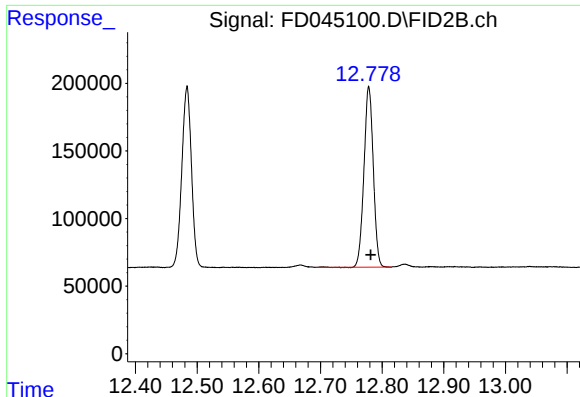
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: 0.000 min
Response: 1693404
Conc: 10.05 ug/ml



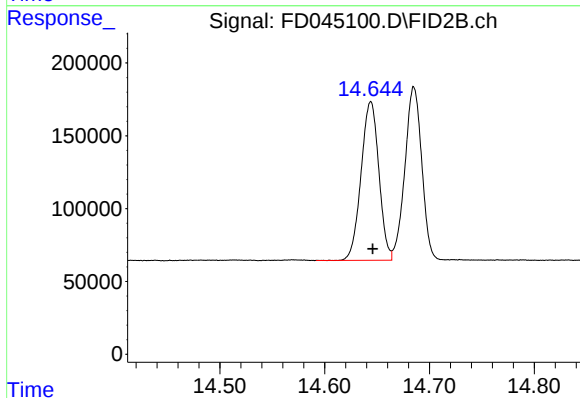
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.003 min
Response: 1451163
Conc: 10.07 ug/ml



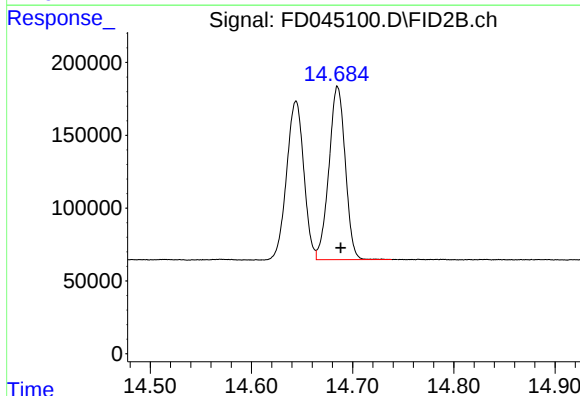
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.003 min
Response: 1405482
Conc: 9.95 ug/ml



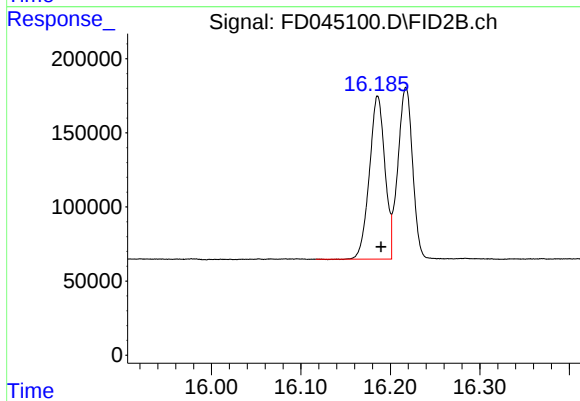
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.002 min
Response: 1285557
Conc: 10.03 ug/ml



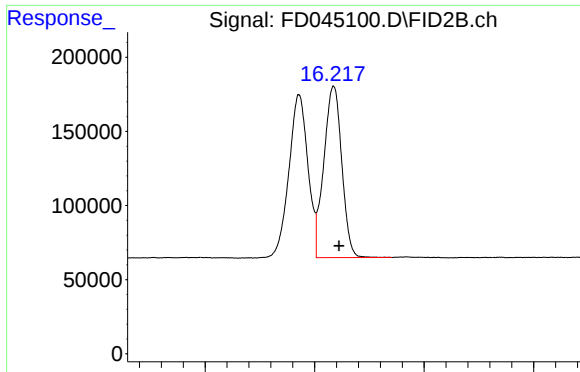
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.003 min
Response: 1336468
Conc: 10.06 ug/ml



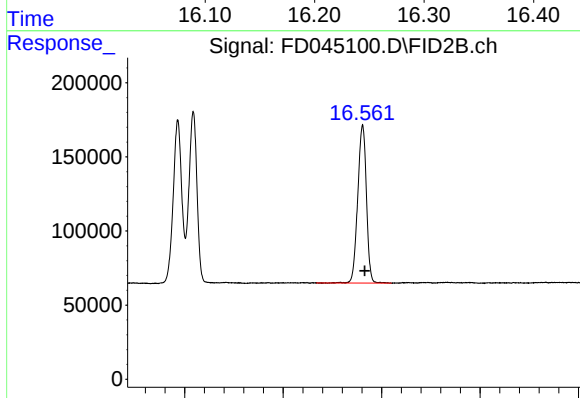
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: -0.004 min
Response: 1324546
Conc: 10.06 ug/ml



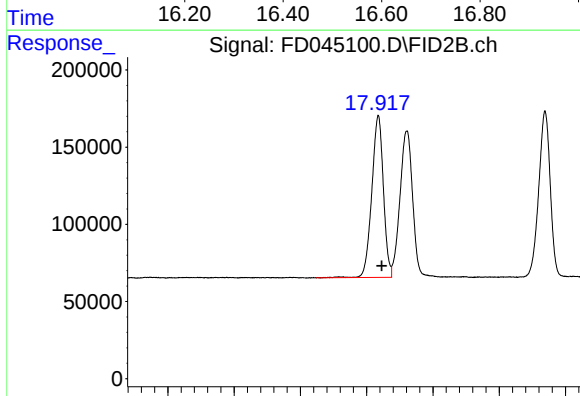
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: -0.005 min
Response: 1318662
Conc: 10.21 ug/ml



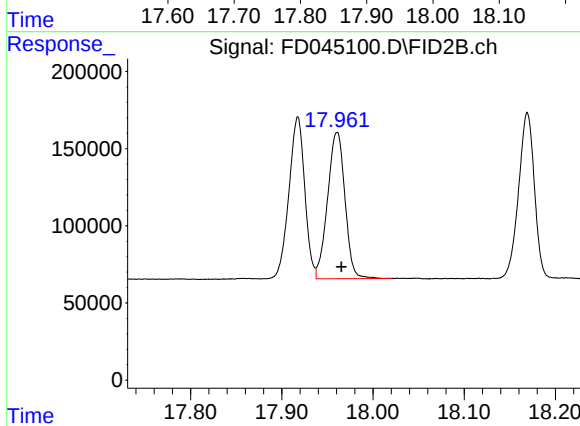
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: -0.004 min
Response: 1308672
Conc: 10.22 ug/ml



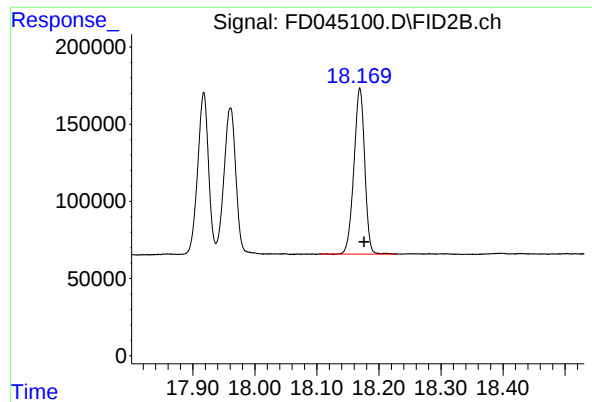
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: -0.006 min
Response: 1273470
Conc: 10.17 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.005 min
Response: 1257452
Conc: 10.23 ug/ml



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

R.T.: 18.169 min
Delta R.T.: -0.007 min
Response: 1299558
Conc: 10.21 ug/ml