

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062422AR\
 Data File : FD043042.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2022 03:07
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 04:38:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:36:55 2022
 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...	7.640	793279	5.131 ug/ml
Spiked Amount 50.000		Recovery =	10.26%
6) S 2-Fluorobiphenyl (SURR)	8.504	536449	5.143 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.29%
11) S ortho-Terphenyl (SURR)	11.551	954705	5.344 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.434	866689	5.232 ug/ml
2) T Naphthalene (C11.7)	5.975	893633	5.168 ug/ml
3) T 2-Methylnaphthalene (...)	7.028	818134	5.153 ug/ml
5) T Acenaphthylene (C15.06)	8.306	936458	5.367 ug/ml
7) T Acenaphthene (C15.5)	8.602	906070	5.243 ug/ml
8) T Fluorene (C16.55)	9.385	892361	5.216 ug/ml
9) T Phenanthrene (C19.36)	10.784	875559	5.165 ug/ml
10) T Anthracene (C19.43)	10.858	896971	5.330 ug/ml
12) T Fluoranthene (C21.85)	12.598	871915	5.265 ug/ml
13) T Pyrene (C20.8)	12.895	829378	5.155 ug/ml
14) T Benzo[a]anthracene (C...	14.768	788684	5.103 ug/ml
15) T Chrysene (C27.41)	14.810	849255	5.478 ug/ml
16) T benzo[b]fluoranthene ...	16.320	781726	5.162 ug/ml
17) T Bnezo[k]fluoranthene ...	16.351	786108	5.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	747295	5.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	623625	5.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.105	730813	5.465 ug/ml
21) T Benzo[g,h,i]perylene ...	18.318	677992	5.259 ug/ml

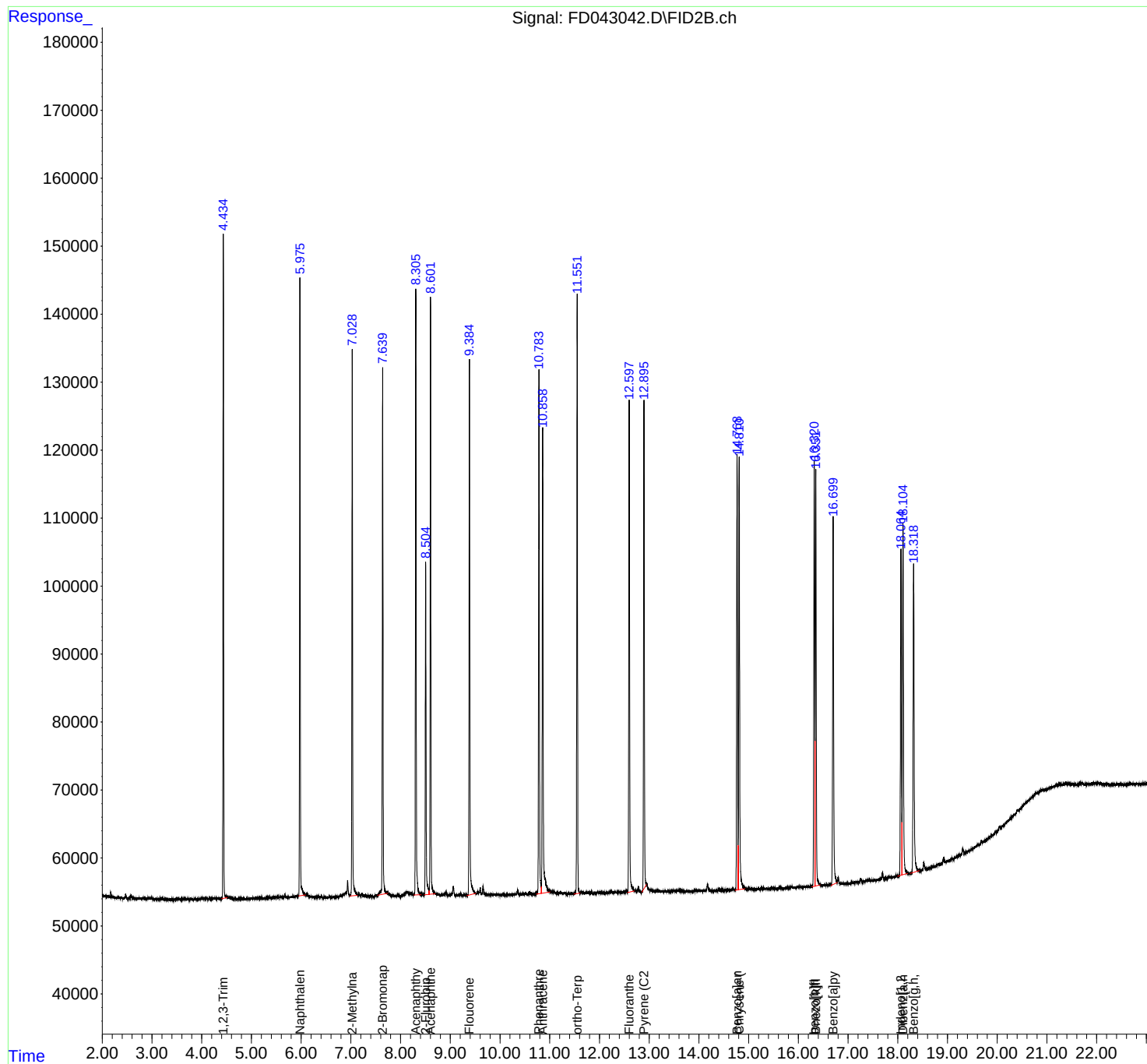
(f)=RT Delta > 1/2 Window

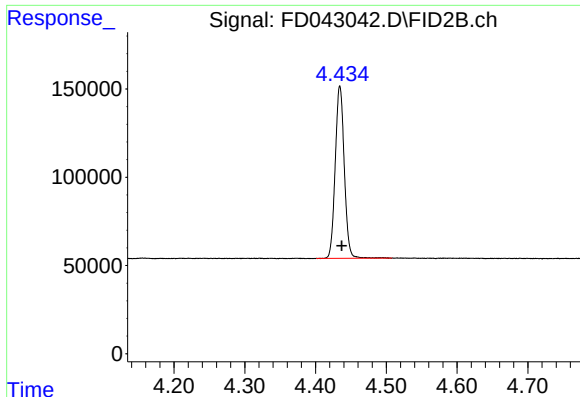
(m)=manual int.

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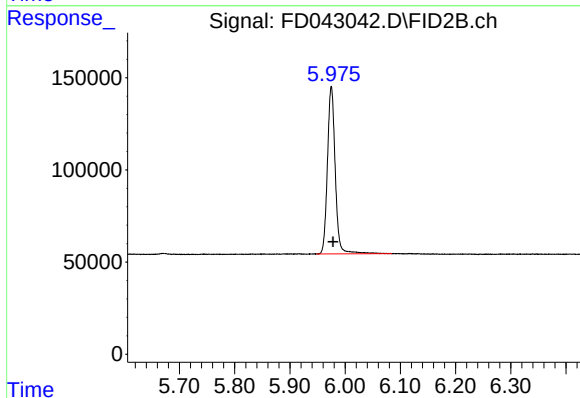
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Signal Info : 20M x 0.18mm x 0.18µm





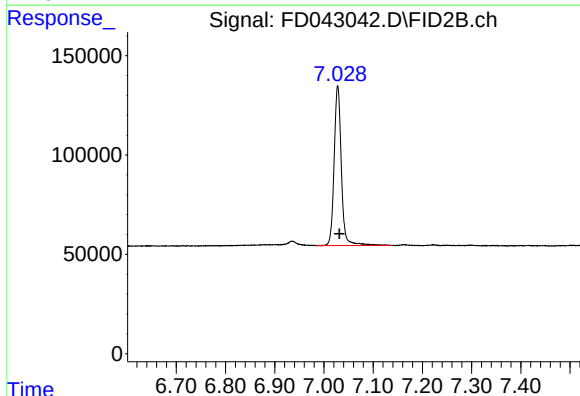
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 866689
Conc: 5.23 ug/ml



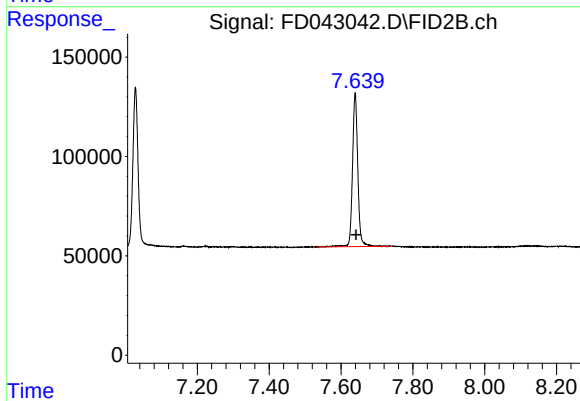
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 893633
Conc: 5.17 ug/ml



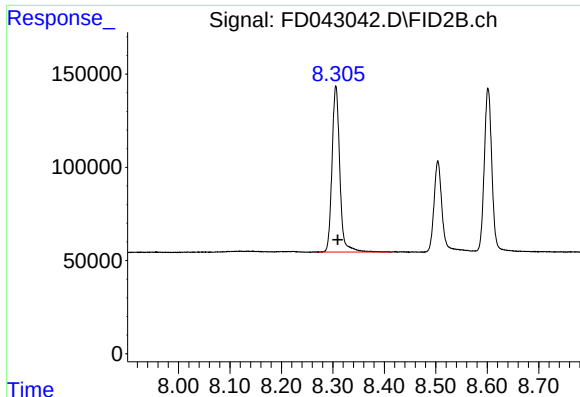
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 818134
Conc: 5.15 ug/ml



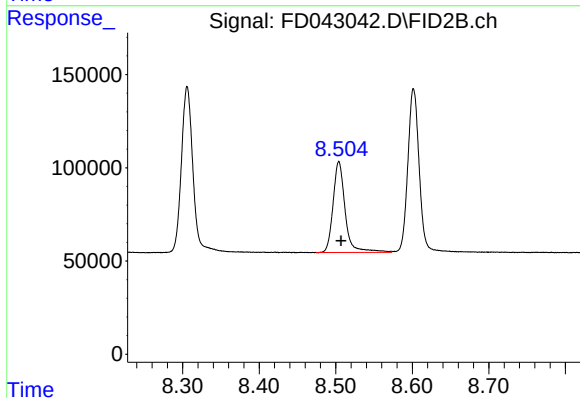
#4 2-Bromonaphthalene (SURR)

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 793279
Conc: 5.13 ug/ml



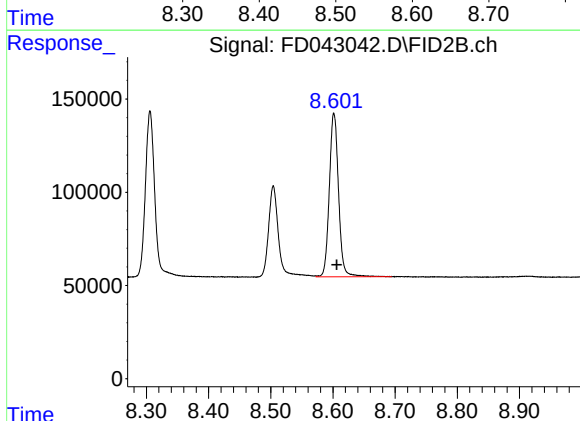
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: -0.004 min
Response: 936458
Conc: 5.37 ug/ml



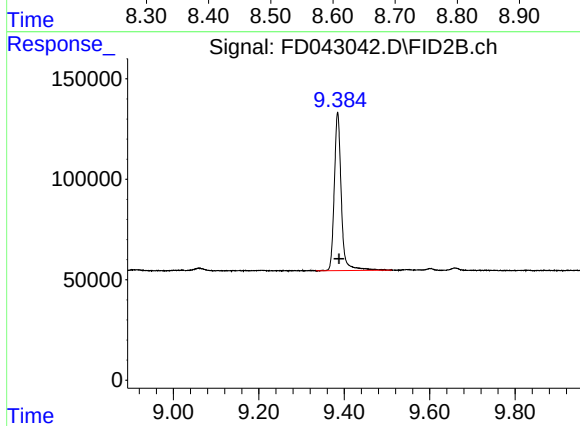
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 536449
Conc: 5.14 ug/ml



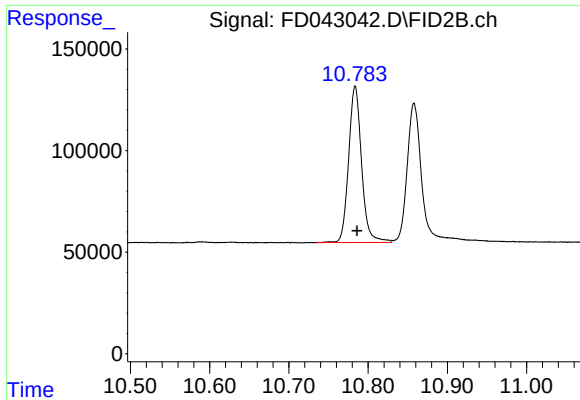
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: -0.004 min
Response: 906070
Conc: 5.24 ug/ml



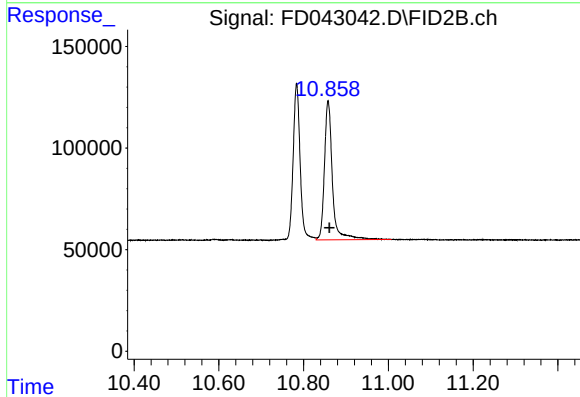
#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.003 min
Response: 892361
Conc: 5.22 ug/ml



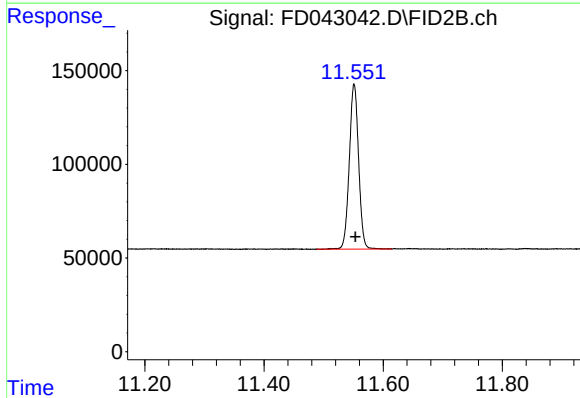
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: -0.002 min
Response: 875559
Conc: 5.16 ug/ml



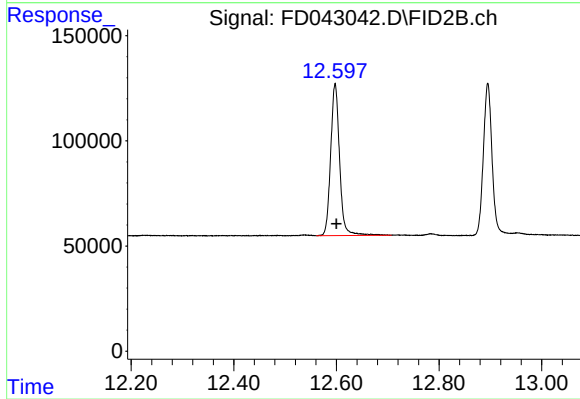
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: -0.003 min
Response: 896971
Conc: 5.33 ug/ml



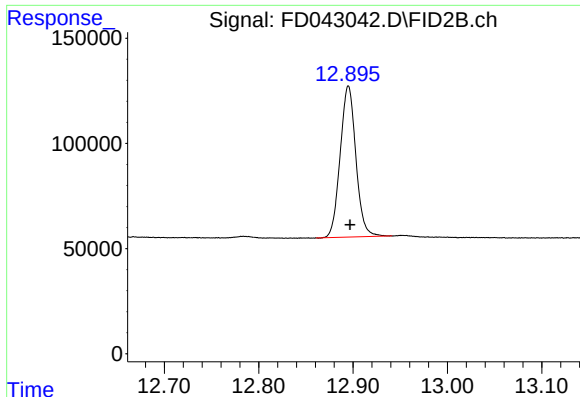
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: -0.002 min
Response: 954705
Conc: 5.34 ug/ml



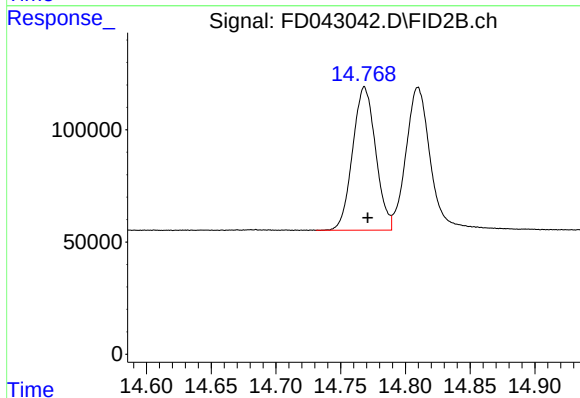
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: -0.003 min
Response: 871915
Conc: 5.26 ug/ml



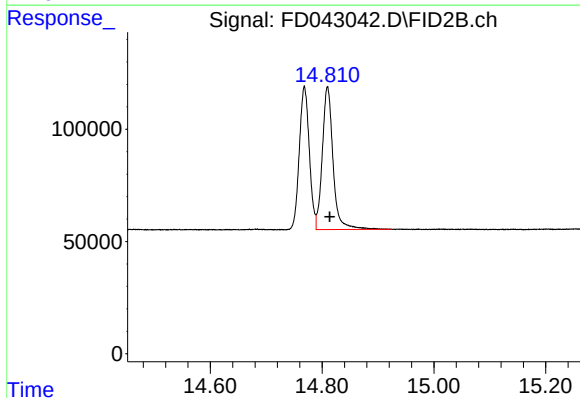
#13 Pyrene (C20.8)

R.T.: 12.895 min
Delta R.T.: -0.002 min
Response: 829378
Conc: 5.15 ug/ml



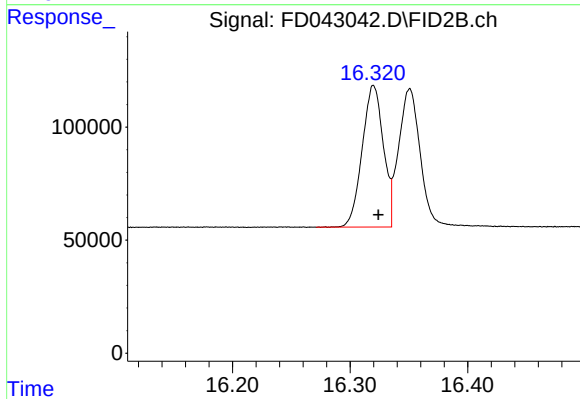
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 788684
Conc: 5.10 ug/ml



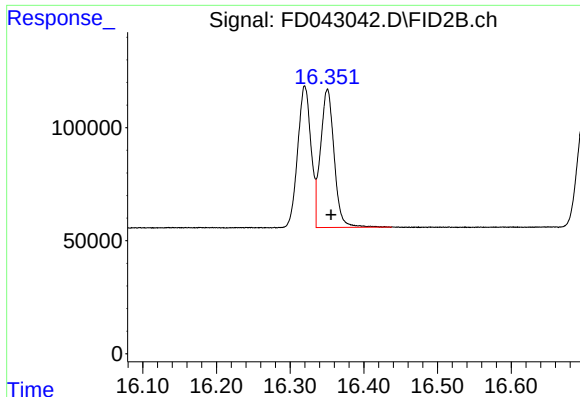
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: -0.004 min
Response: 849255
Conc: 5.48 ug/ml



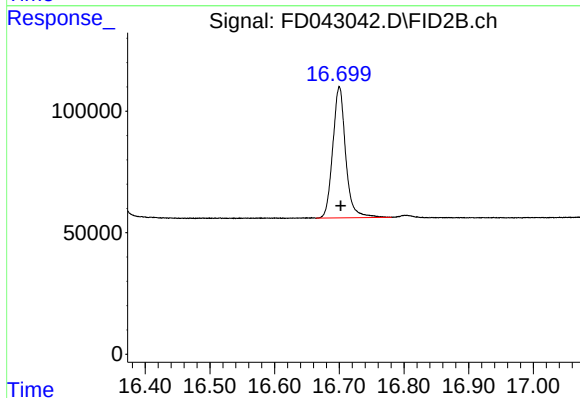
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min
Delta R.T.: -0.004 min
Response: 781726
Conc: 5.16 ug/ml



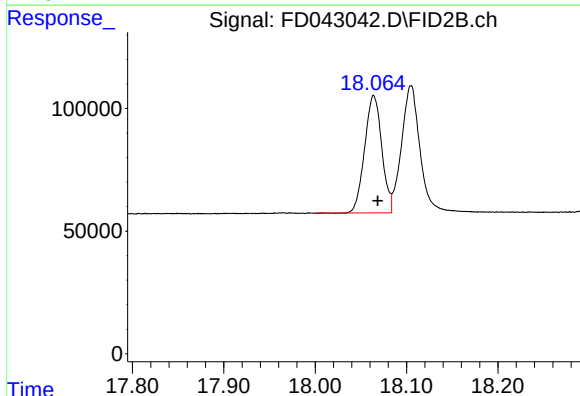
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.351 min
Delta R.T.: -0.005 min
Response: 786108
Conc: 5.45 ug/ml



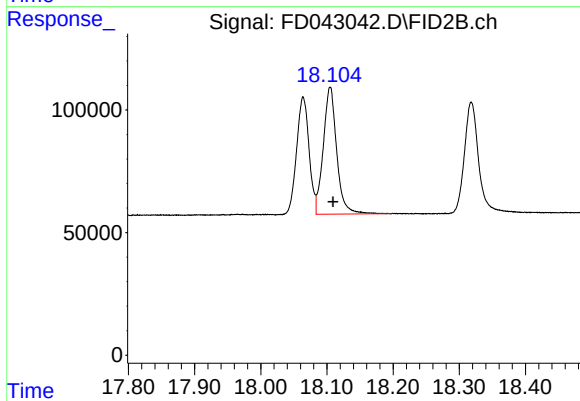
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.002 min
Response: 747295
Conc: 5.29 ug/ml



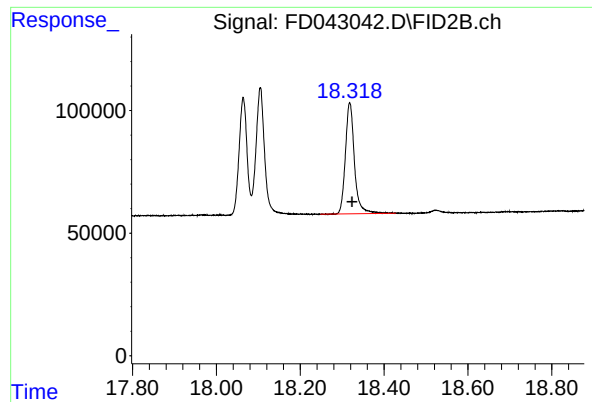
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.005 min
Response: 623625
Conc: 5.06 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.004 min
Response: 730813
Conc: 5.46 ug/ml



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

R.T.: 18.318 min
Delta R.T.: -0.005 min
Response: 677992
Conc: 5.26 ug/ml