

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049713.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 15:11
 Operator : YP/AJ
 Sample : Q2893-09
 Misc : 2.5PPM WATER MDL
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:39:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 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...	7.714	5894361	57.513 ug/ml
Spiked Amount 50.000		Recovery =	115.03%
6) S 2-Fluorobiphenyl (SURR)	8.579	4153909	56.867 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.73%
11) S ortho-Terphenyl (SURR)	11.627	6859380	52.848 ug/ml
Spiked Amount 50.000		Recovery =	105.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	279054	2.757 ug/ml
2) T Naphthalene (C11.7)	6.046	327113	2.853 ug/mlm
3) T 2-Methylnaphthalene (...)	7.100	309928	2.598 ug/mlm
5) T Acenaphthylene (C15.06)	8.379	349947	2.784 ug/mlm
7) T Acenaphthene (C15.5)	8.675	365029	2.903 ug/ml
8) T Flouorene (C16.55)	9.455	370545	2.927 ug/ml
9) T Phenanthrene (C19.36)	10.853	375222	2.905 ug/ml
10) T Anthracene (C19.43)	10.928	372323	3.022 ug/ml
12) T Fluoranthene (C21.85)	12.667	373673	2.919 ug/mlm
13) T Pyrene (C20.8)	12.964	377227	2.971 ug/ml
14) T Benzo[a]anthracene (C...	14.836	364576	3.159 ug/ml
15) T Chrysene (C27.41)	14.876	383698	3.277 ug/mlm
16) T benzo[b]fluoranthene ...	16.385	356309	3.133 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	364285	3.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	352570	3.178 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	359100	3.484 ug/mlm
20) T Dibenz[a,h]anthracene...	18.169	381803	3.503 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.379	355139	3.250 ug/ml

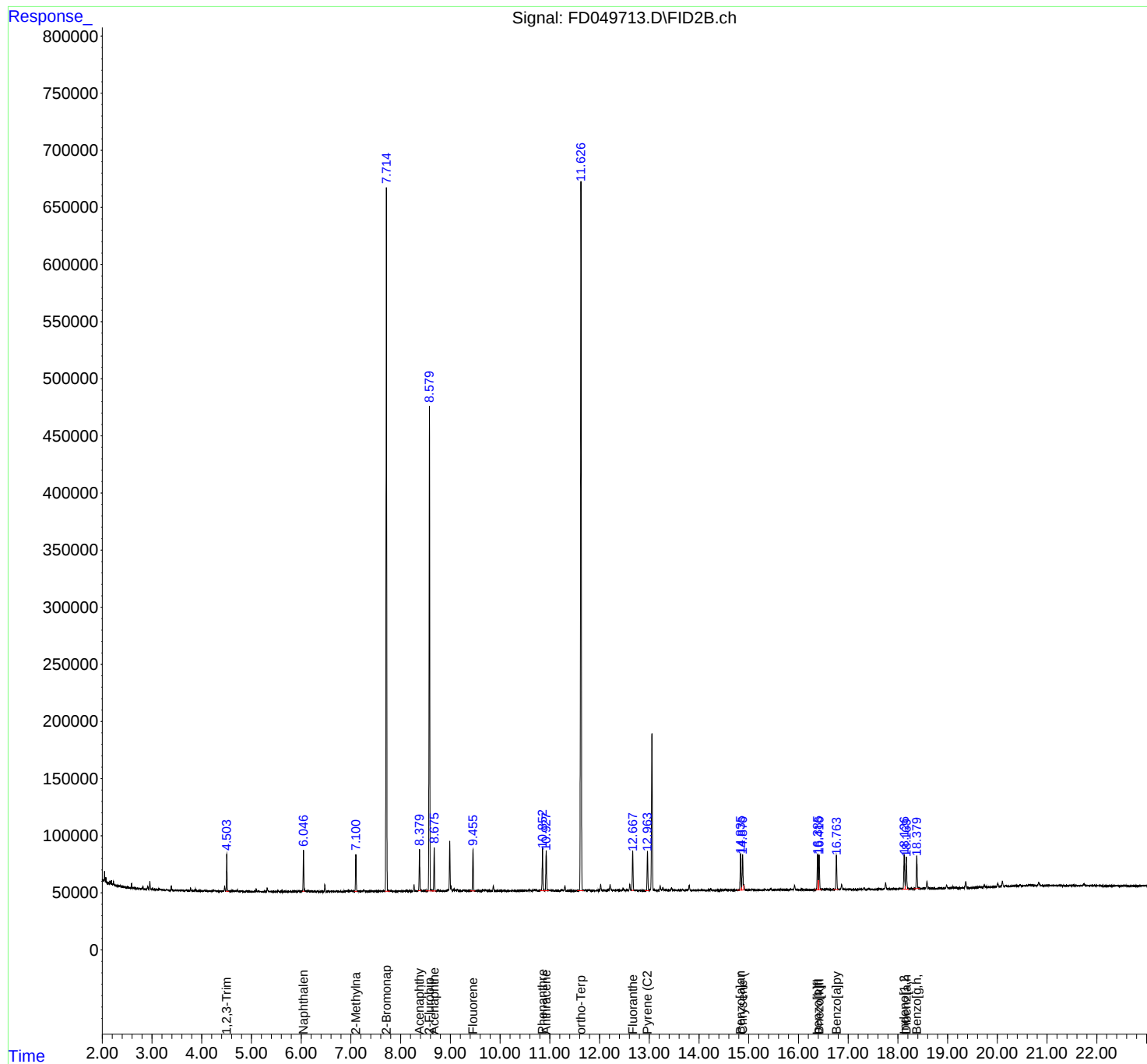
(f)=RT Delta > 1/2 Window

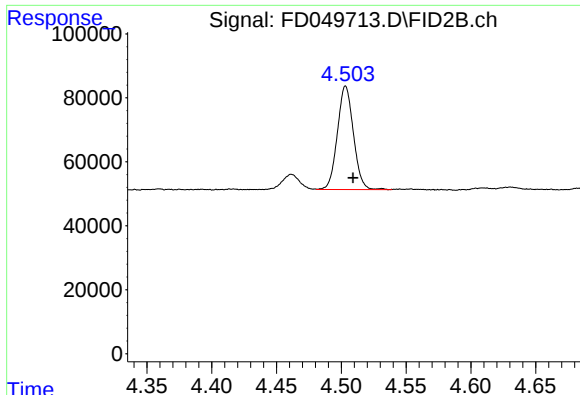
(m)=manual int.

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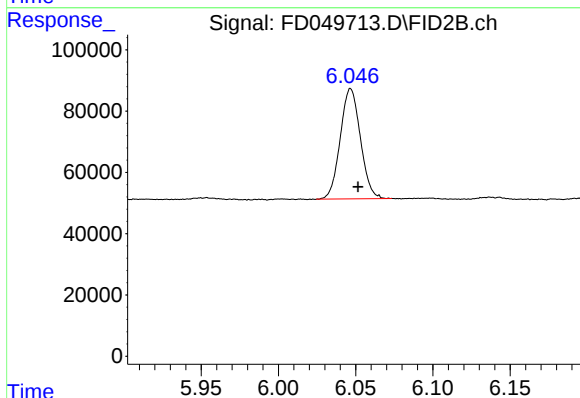
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





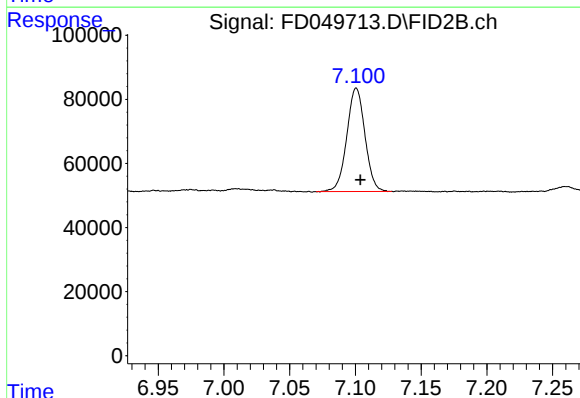
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.006 min
Response: 279054
Conc: 2.76 ug/ml



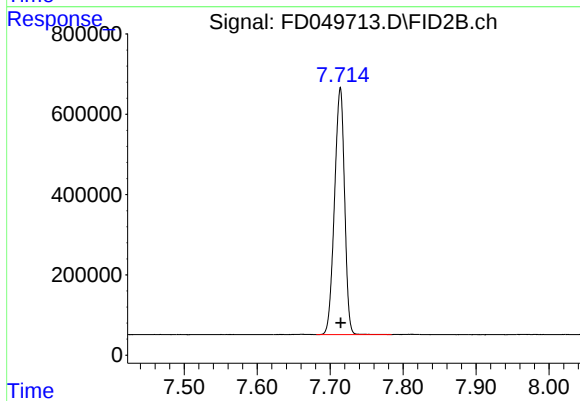
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.005 min
Response: 327113
Conc: 2.85 ug/ml m



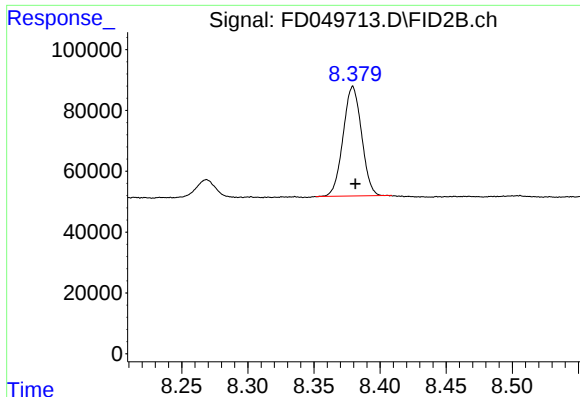
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 309928
Conc: 2.60 ug/ml m



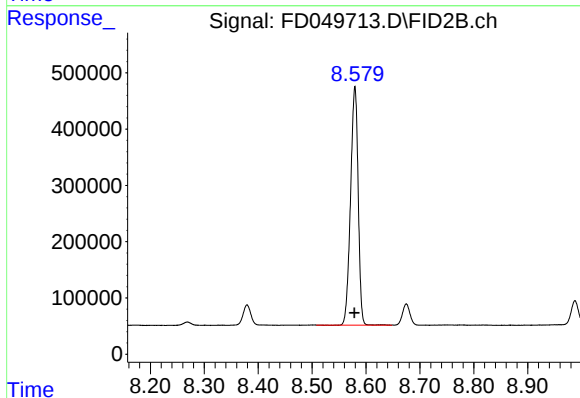
#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 5894361
Conc: 57.51 ug/ml



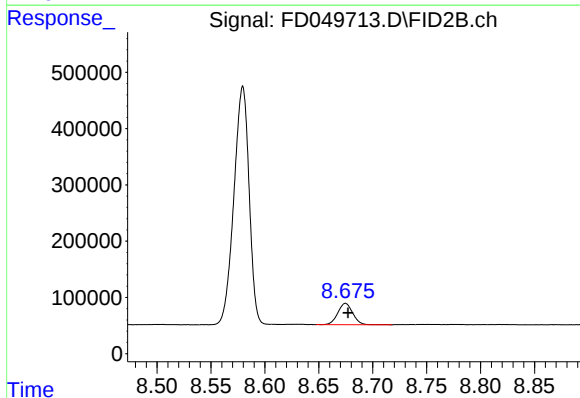
#5 Acenaphthylene (C15.06)

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 349947
Conc: 2.78 ug/ml m



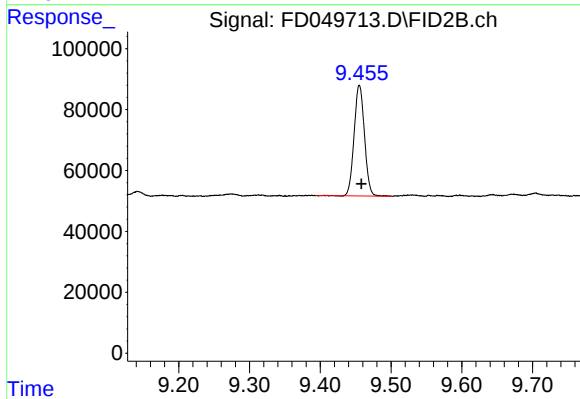
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 4153909
Conc: 56.87 ug/ml



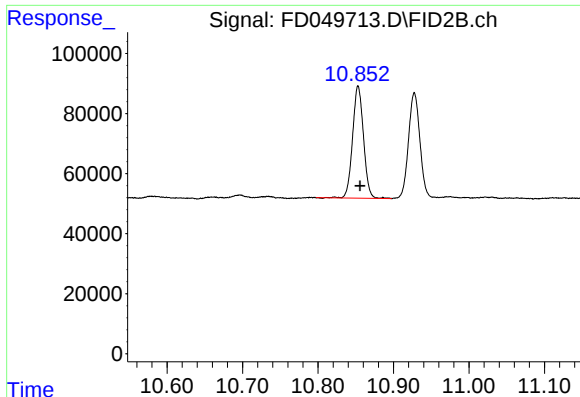
#7 Acenaphthene (C15.5)

R.T.: 8.675 min
Delta R.T.: -0.002 min
Response: 365029
Conc: 2.90 ug/ml



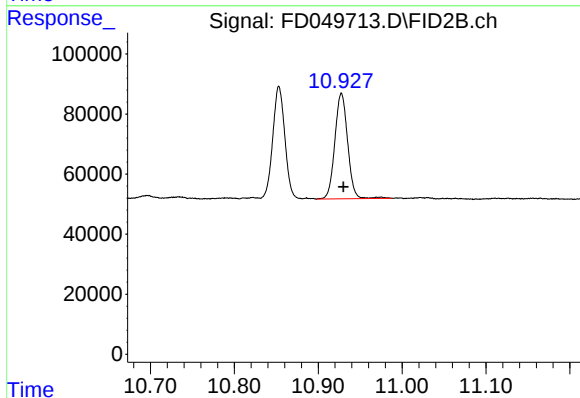
#8 Fluorene (C16.55)

R.T.: 9.455 min
Delta R.T.: -0.003 min
Response: 370545
Conc: 2.93 ug/ml



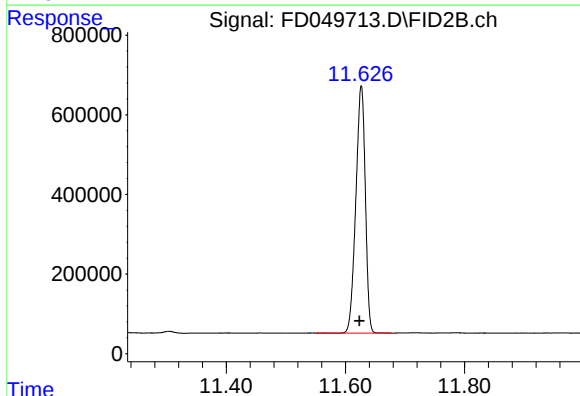
#9 Phenanthrene (C19.36)

R.T.: 10.853 min
Delta R.T.: -0.002 min
Response: 375222
Conc: 2.90 ug/ml



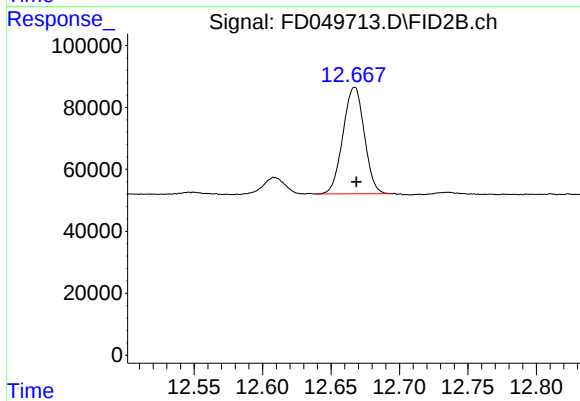
#10 Anthracene (C19.43)

R.T.: 10.928 min
Delta R.T.: -0.002 min
Response: 372323
Conc: 3.02 ug/ml



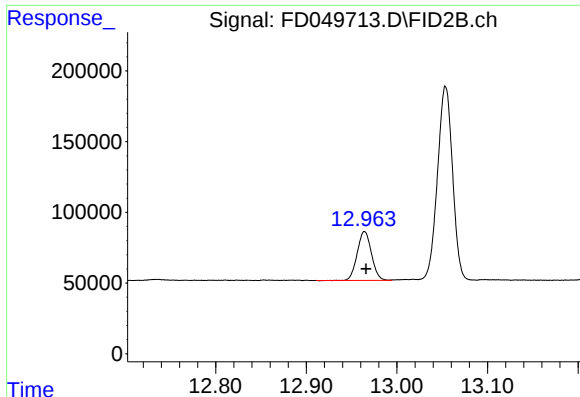
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 6859380
Conc: 52.85 ug/ml



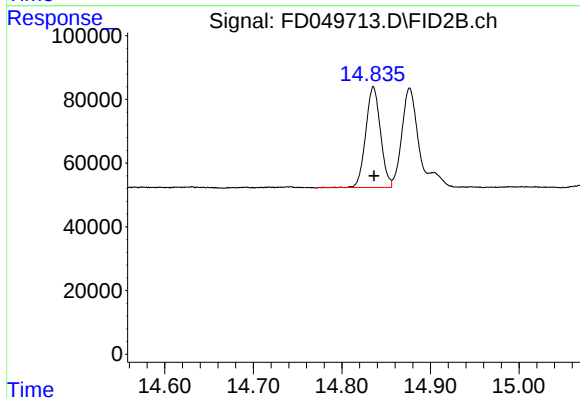
#12 Fluoranthene (C21.85)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 373673
Conc: 2.92 ug/ml m



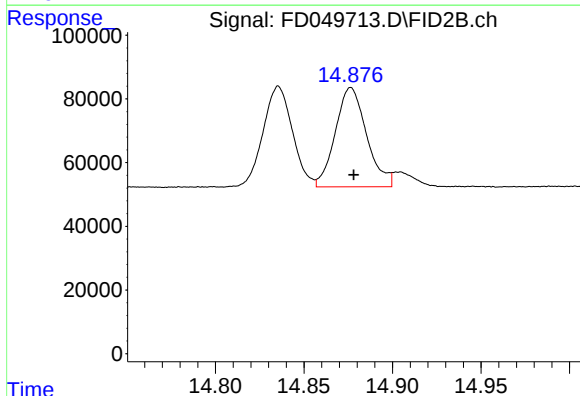
#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 377227
Conc: 2.97 ug/ml



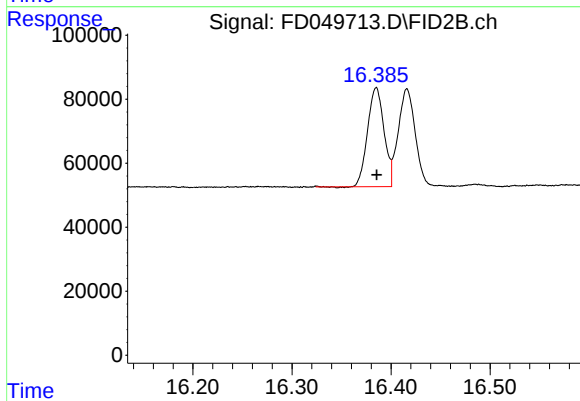
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 364576
Conc: 3.16 ug/ml



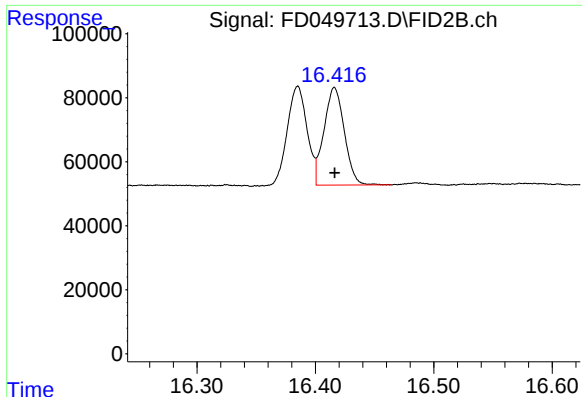
#15 Chrysene (C27.41)

R.T.: 14.876 min
Delta R.T.: -0.002 min
Response: 383698
Conc: 3.28 ug/ml m



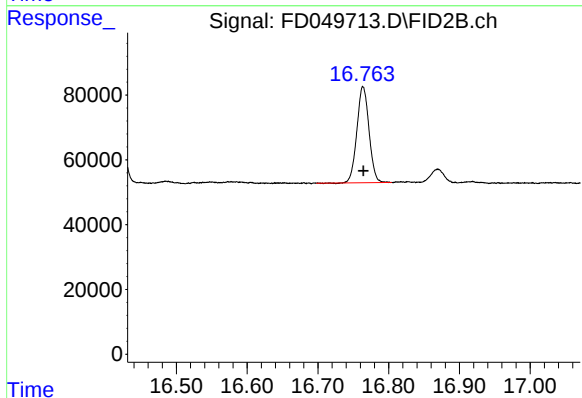
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.385 min
Delta R.T.: 0.000 min
Response: 356309
Conc: 3.13 ug/ml



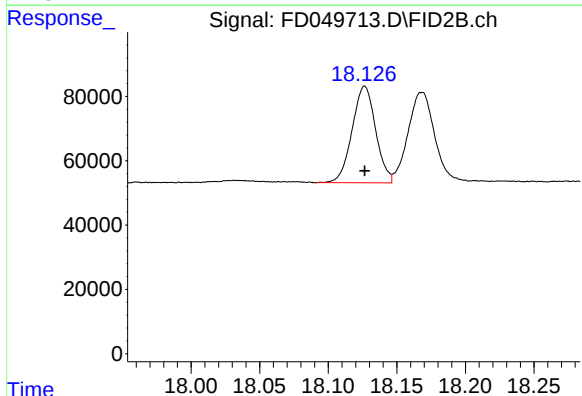
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 364285
Conc: 3.40 ug/ml



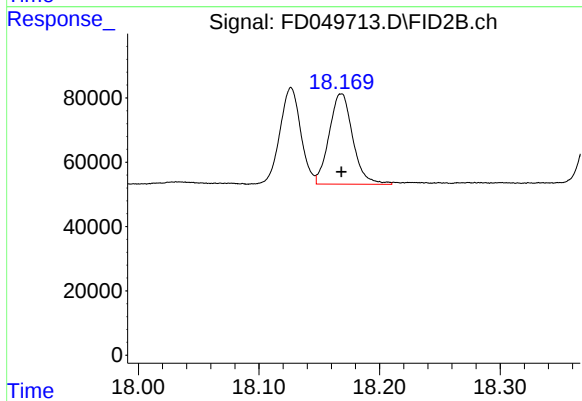
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 352570
Conc: 3.18 ug/ml



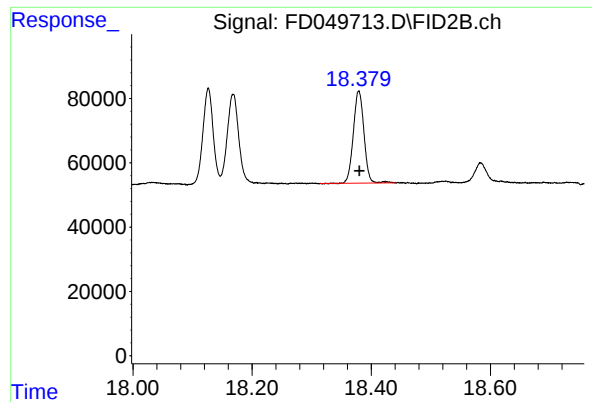
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.000 min
Response: 359100
Conc: 3.48 ug/ml m



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

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 381803
Conc: 3.50 ug/ml m



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

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 355139
Conc: 3.25 ug/ml