

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049784.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 14:56
 Operator : YP/AJ
 Sample : PB169823BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:15:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	4307044	38.297 ug/ml
Spiked Amount 50.000		Recovery =	76.59%
6) S 2-Fluorobiphenyl (SURR)	8.561	3064968	38.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.37%
11) S ortho-Terphenyl (SURR)	11.610	6084058	43.003 ug/ml
Spiked Amount 50.000		Recovery =	86.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3475813	32.257 ug/ml
2) T Naphthalene (C11.7)	6.031	4285402	34.460 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	4278724	32.829 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5189790	37.433 ug/ml
7) T Acenaphthene (C15.5)	8.662	5251324	37.882 ug/ml
8) T Flouorene (C16.55)	9.444	5651413	40.742 ug/ml
9) T Phenanthrene (C19.36)	10.843	6015809	43.185 ug/ml
10) T Anthracene (C19.43)	10.918	5713315	43.269 ug/ml
12) T Fluoranthene (C21.85)	12.658	6182701	45.910 ug/ml
13) T Pyrene (C20.8)	12.957	6217142	46.737 ug/ml
14) T Benzo[a]anthracene (C...	14.829	5733767	47.947 ug/ml
15) T Chrysene (C27.41)	14.874	6265826	51.506 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5536280	46.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	5479463	48.631 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	5314809	45.292 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	5503413	50.587 ug/ml
20) T Dibenz[a,h]anthracene...	18.166	5113486	44.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.383	4901629	42.126 ug/ml

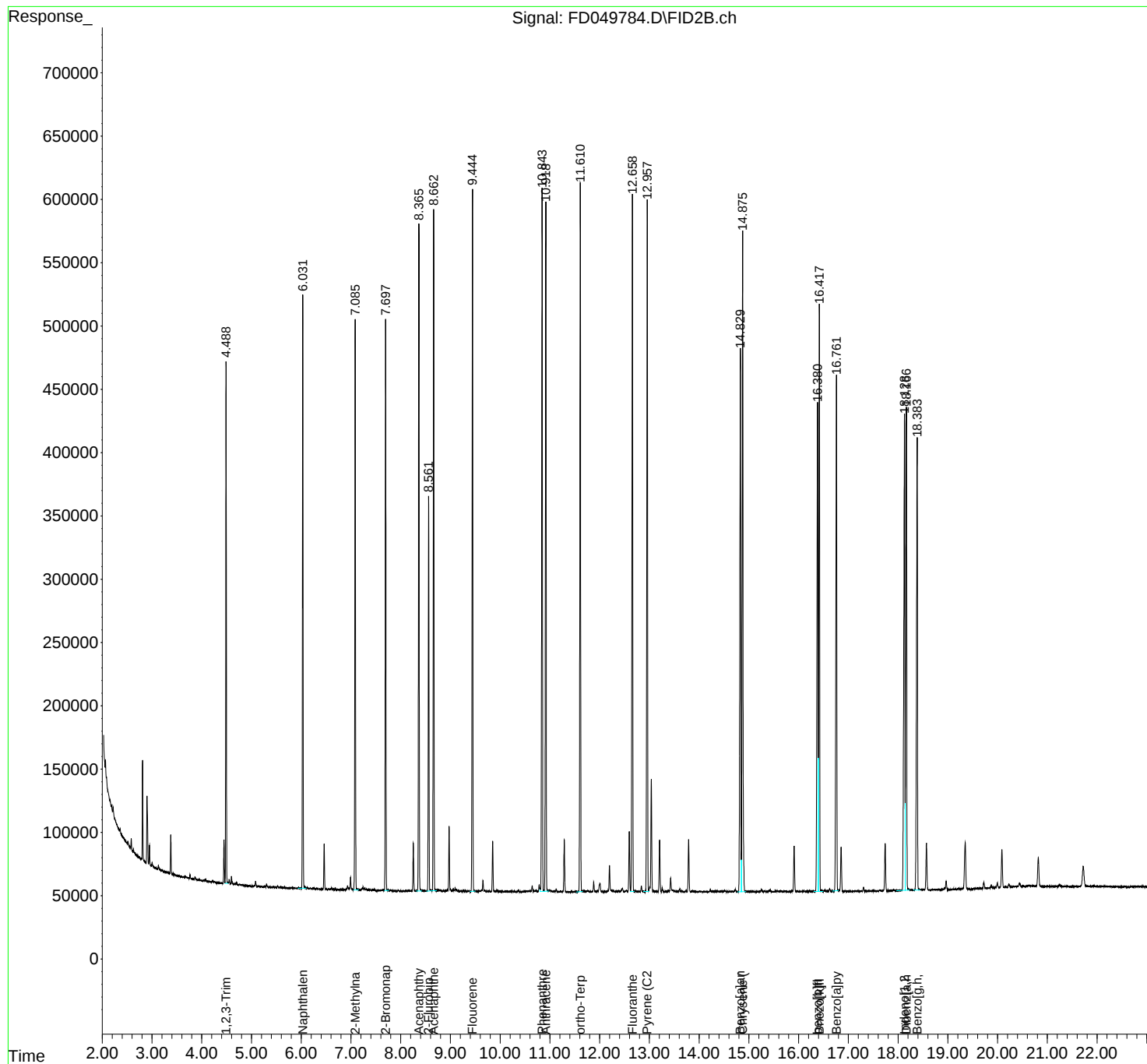
(f)=RT Delta > 1/2 Window

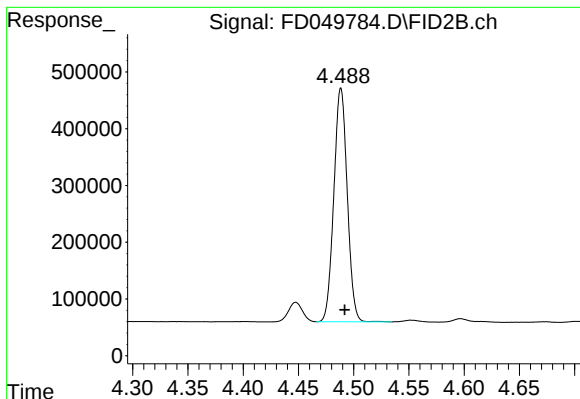
(m)=manual int.

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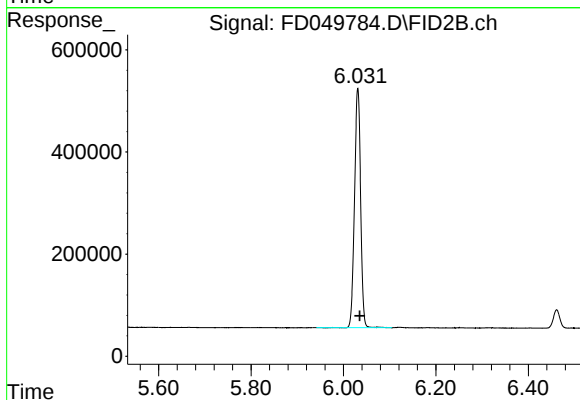
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Signal Info : 20M x 0.18mm x 0.18µm





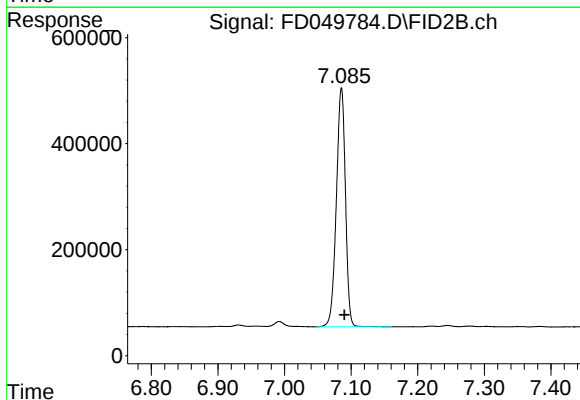
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 3475813
Conc: 32.26 ug/ml



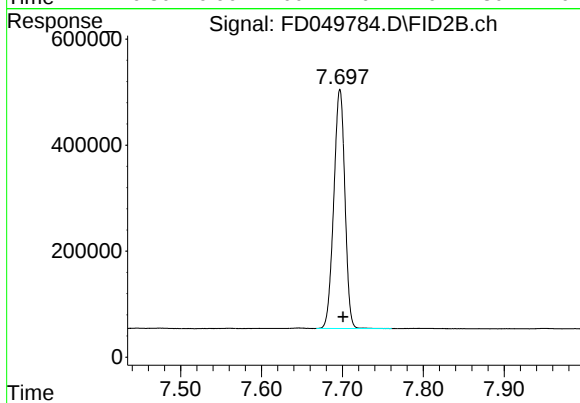
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 4285402
Conc: 34.46 ug/ml



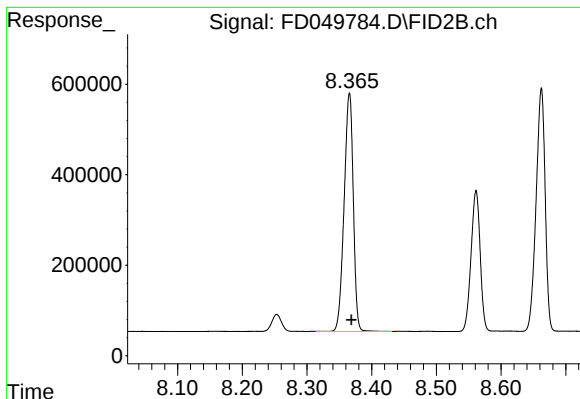
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 4278724
Conc: 32.83 ug/ml



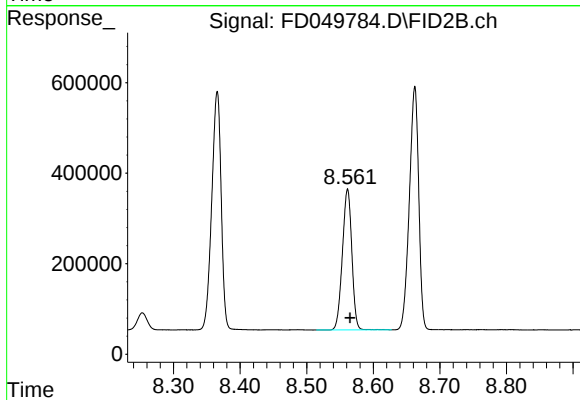
#4 2-Bromonaphthalene (SURR)

R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 4307044
Conc: 38.30 ug/ml



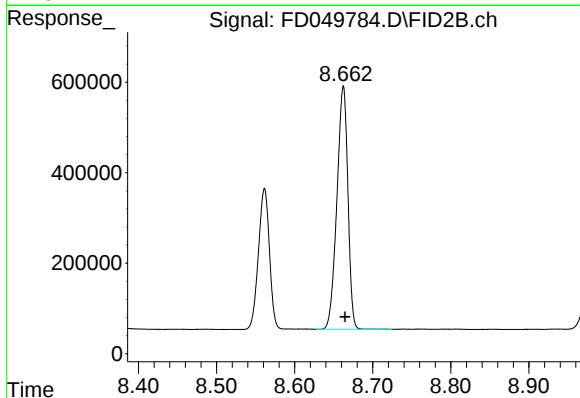
#5 Acenaphthylene (C15.06)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 5189790
Conc: 37.43 ug/ml



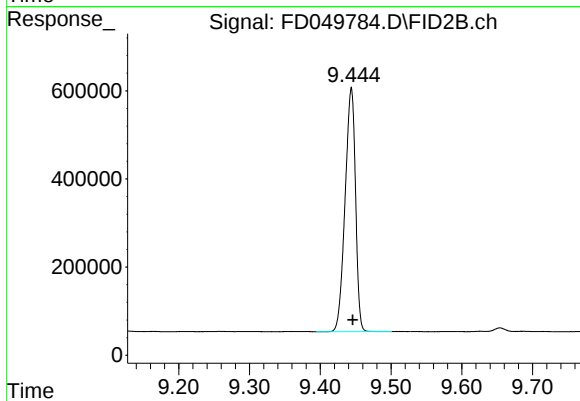
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 3064968
Conc: 38.18 ug/ml



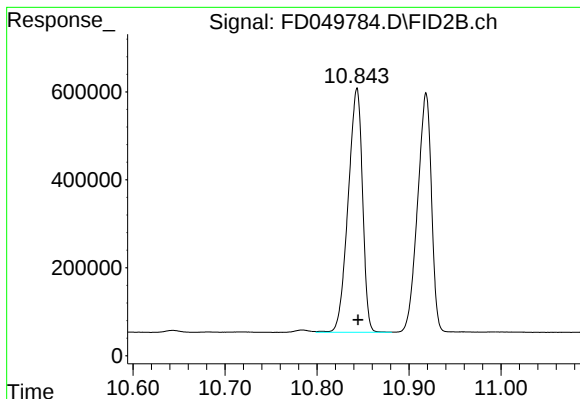
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.002 min
Response: 5251324
Conc: 37.88 ug/ml



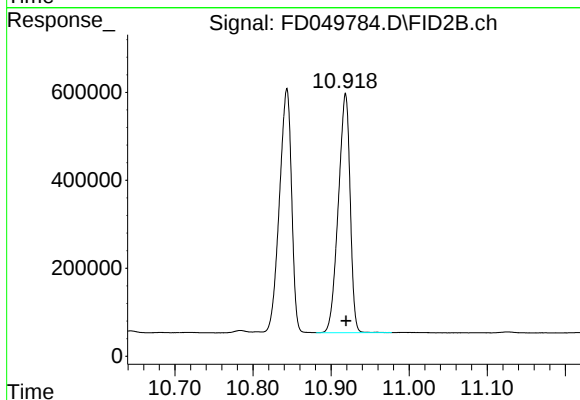
#8 Fluorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.002 min
Response: 5651413
Conc: 40.74 ug/ml



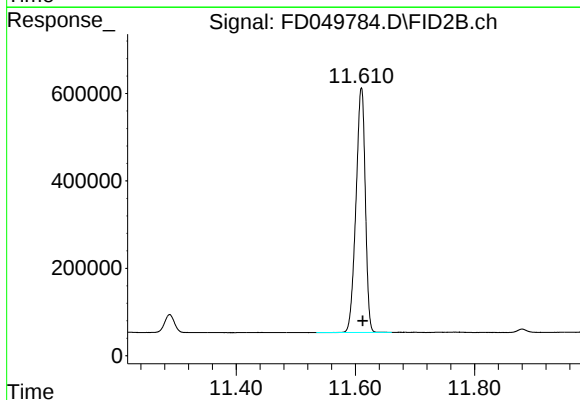
#9 Phenanthrene (C19.36)

R.T.: 10.843 min
Delta R.T.: -0.002 min
Response: 6015809
Conc: 43.18 ug/ml



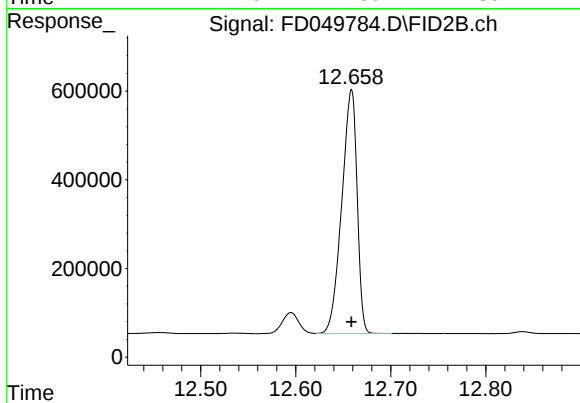
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.001 min
Response: 5713315
Conc: 43.27 ug/ml



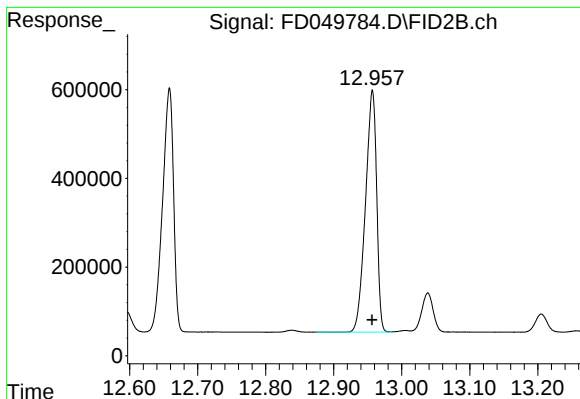
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 6084058
Conc: 43.00 ug/ml



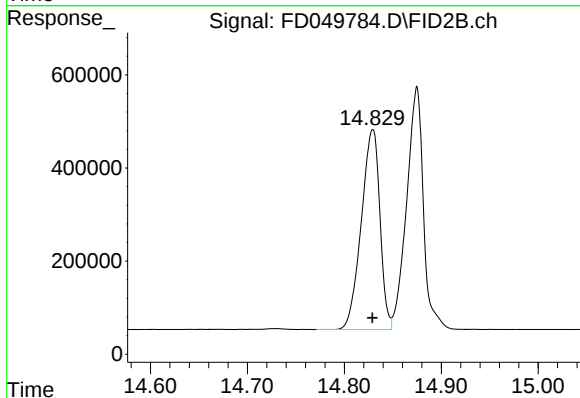
#12 Fluoranthene (C21.85)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 6182701
Conc: 45.91 ug/ml



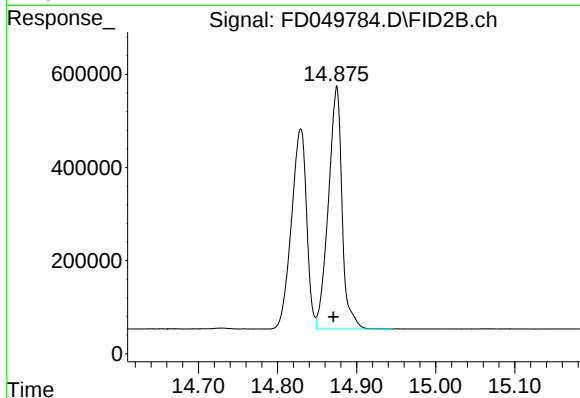
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 6217142
Conc: 46.74 ug/ml



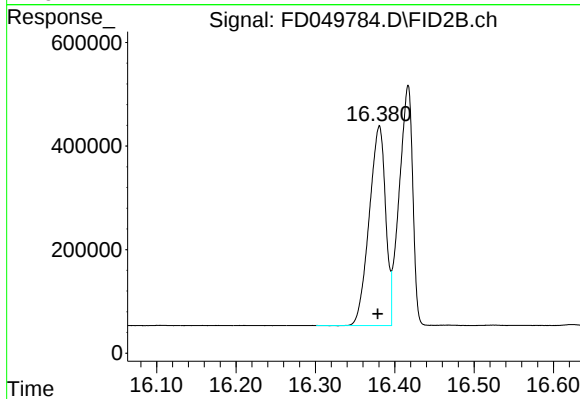
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.000 min
Response: 5733767
Conc: 47.95 ug/ml



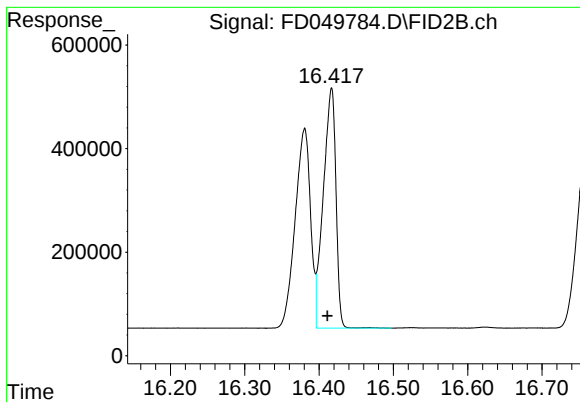
#15 Chrysene (C27.41)

R.T.: 14.874 min
Delta R.T.: 0.004 min
Response: 6265826
Conc: 51.51 ug/ml



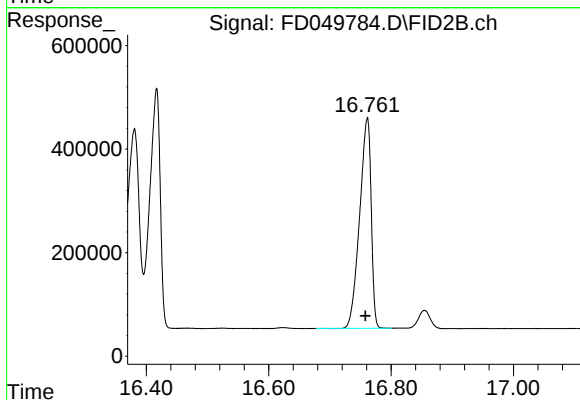
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.380 min
Delta R.T.: 0.001 min
Response: 5536280
Conc: 46.19 ug/ml



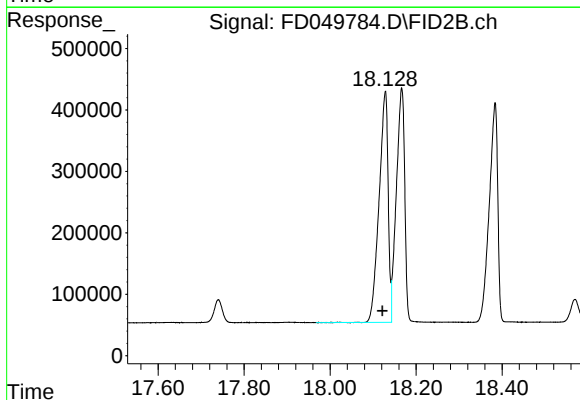
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 5479463
Conc: 48.63 ug/ml



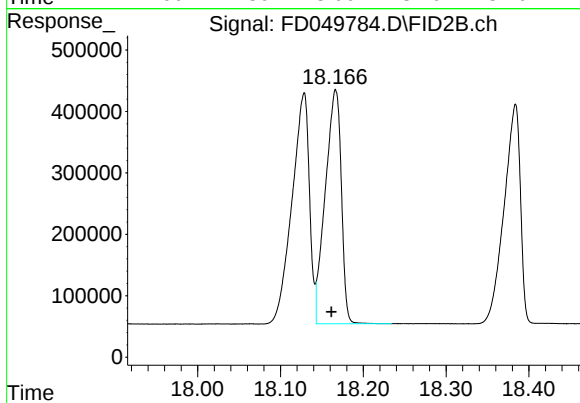
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.003 min
Response: 5314809
Conc: 45.29 ug/ml



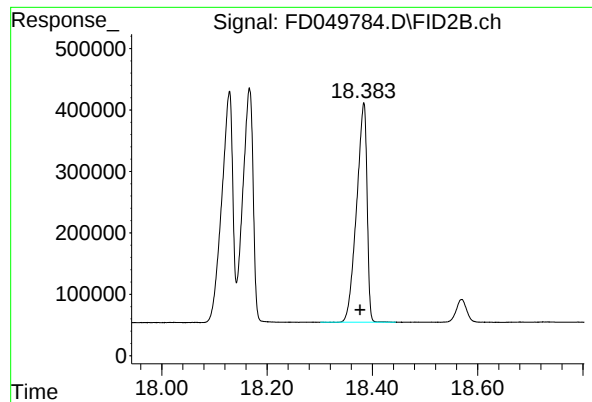
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 5503413
Conc: 50.59 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.005 min
Response: 5113486
Conc: 44.88 ug/ml



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

R.T.: 18.383 min
Delta R.T.: 0.007 min
Response: 4901629
Conc: 42.13 ug/ml