

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045287.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 17:10
 Operator : YP/AJ
 Sample : PB151409BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:56:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.551	6584830	48.522 ug/ml
Spiked Amount 50.000		Recovery =	97.04%
6) S 2-Fluorobiphenyl (SURR)	8.407	3960573	44.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.47%
11) S ortho-Terphenyl (SURR)	11.450	6911511	41.522 ug/ml
Spiked Amount 50.000		Recovery =	83.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	4858454	32.080 ug/ml
2) T Naphthalene (C11.7)	5.889	5618148	35.563 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5732836	36.074 ug/ml
5) T Acenaphthylene (C15.06)	8.212	6231145	43.456 ug/ml
7) T Acenaphthene (C15.5)	8.508	6279999	41.433 ug/ml
8) T Fluorene (C16.55)	9.287	6331378	43.003 ug/ml
9) T Phenanthrene (C19.36)	10.679	6318687	44.256 ug/ml
10) T Anthracene (C19.43)	10.754	6063835	43.273 ug/ml
12) T Fluoranthene (C21.85)	12.486	6286258	45.001 ug/ml
13) T Pyrene (C20.8)	12.781	6234005	45.778 ug/ml
14) T Benzo[a]anthracene (C...	14.647	5618016	44.072 ug/ml
15) T Chrysene (C27.41)	14.691	5541966	42.523 ug/ml
16) T benzo[b]fluoranthene ...	16.192	5776565	44.807 ug/ml
17) T Bnezo[k]fluoranthene ...	16.227	5346947	42.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	5047759	40.106 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	5238903	43.793 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	4604574	38.174 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	5172622	41.573 ug/ml

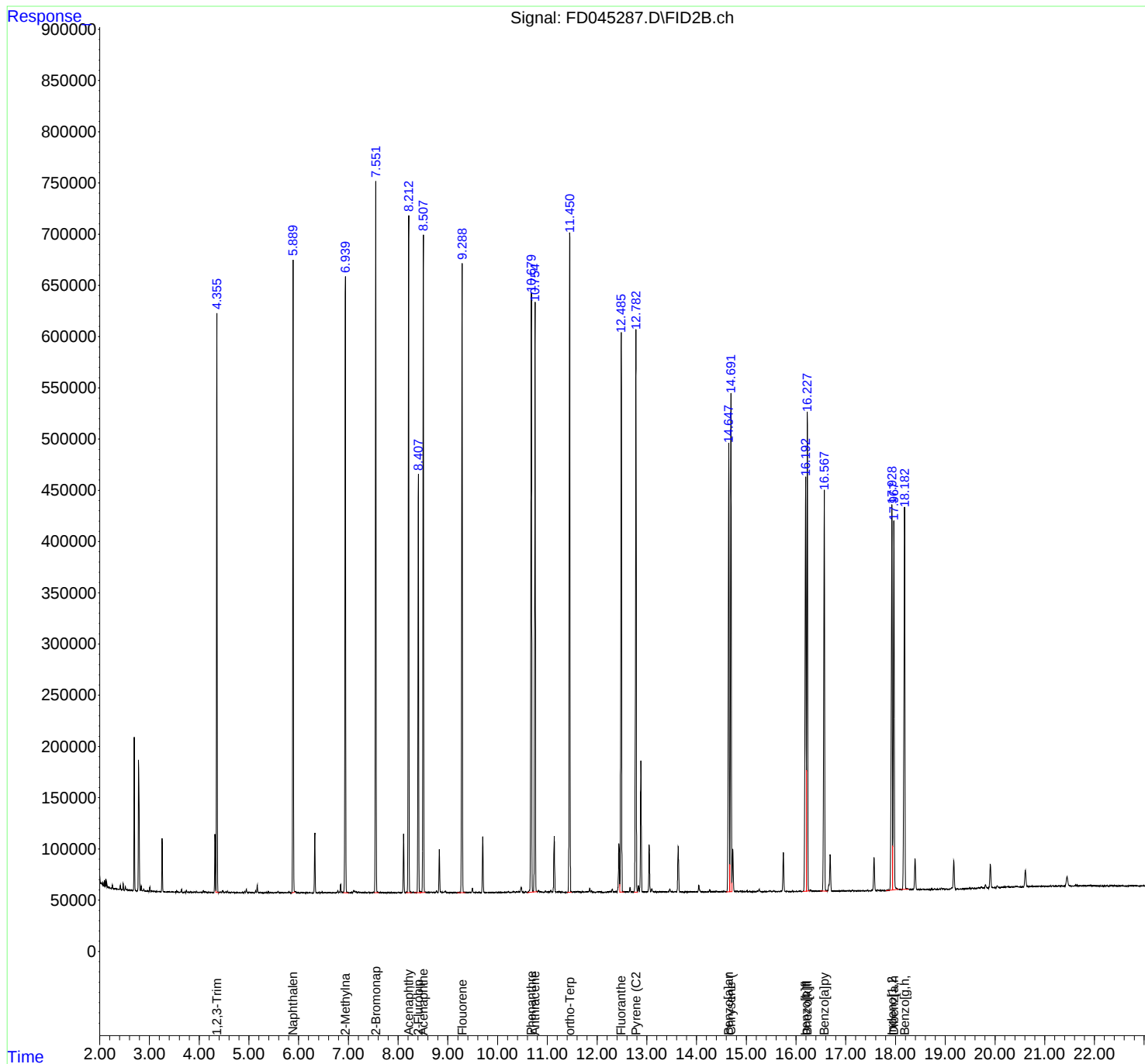
(f)=RT Delta > 1/2 Window

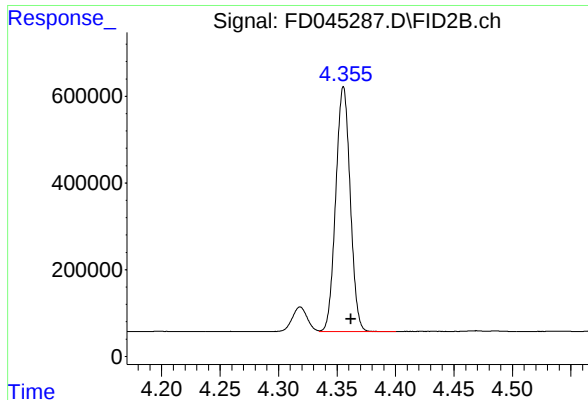
(m)=manual int.

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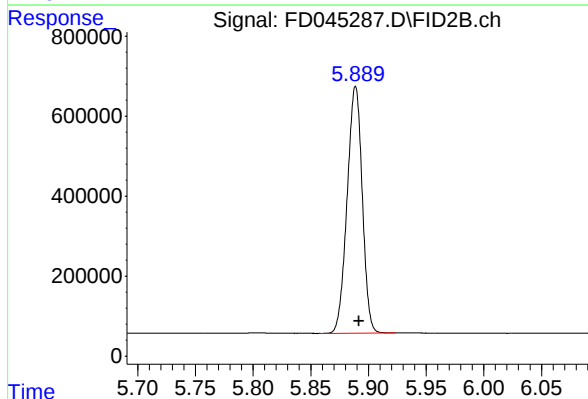
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Signal Info : 20M x 0.18mm x 0.18µm





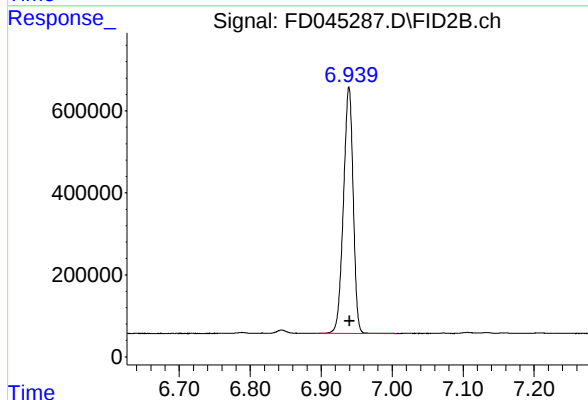
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 4858454
Conc: 32.08 ug/ml



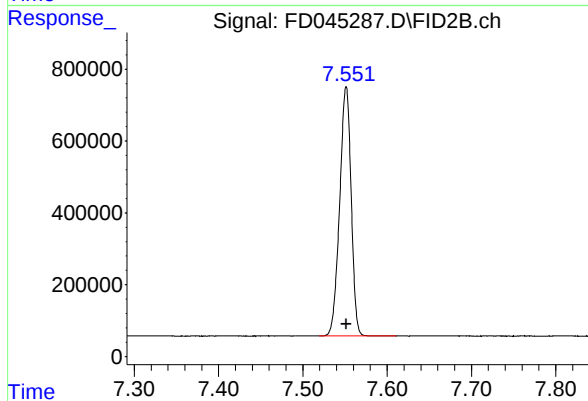
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 5618148
Conc: 35.56 ug/ml



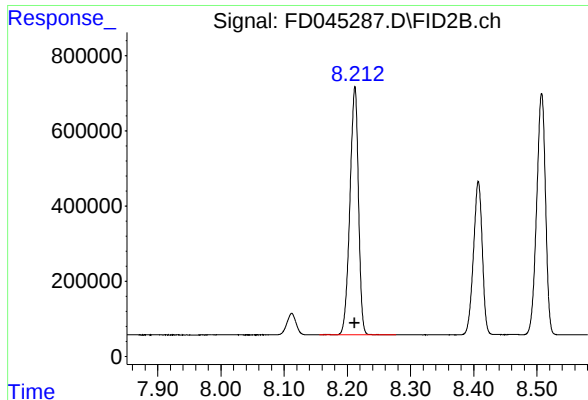
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 5732836
Conc: 36.07 ug/ml



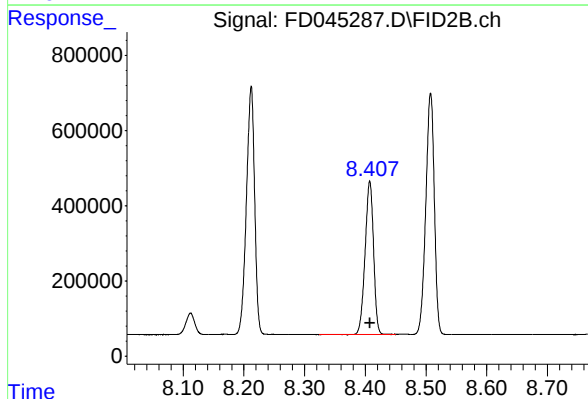
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6584830
Conc: 48.52 ug/ml



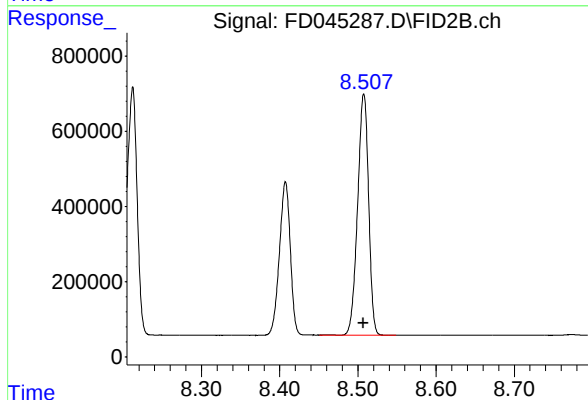
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 6231145
Conc: 43.46 ug/ml



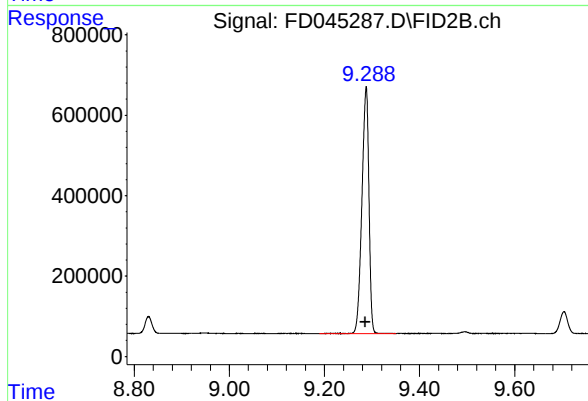
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3960573
Conc: 44.24 ug/ml



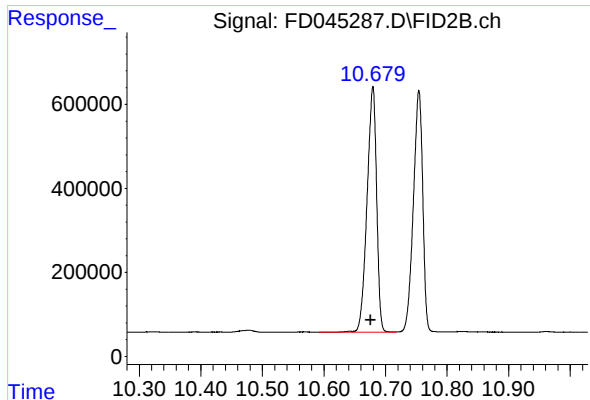
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 6279999
Conc: 41.43 ug/ml



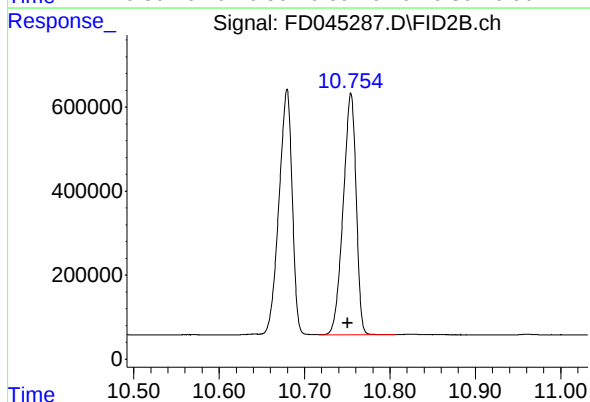
#8 Fluorene (C16.55)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 6331378
Conc: 43.00 ug/ml



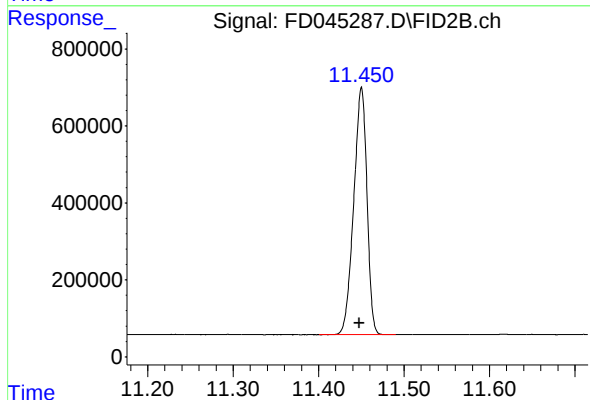
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 6318687
Conc: 44.26 ug/ml



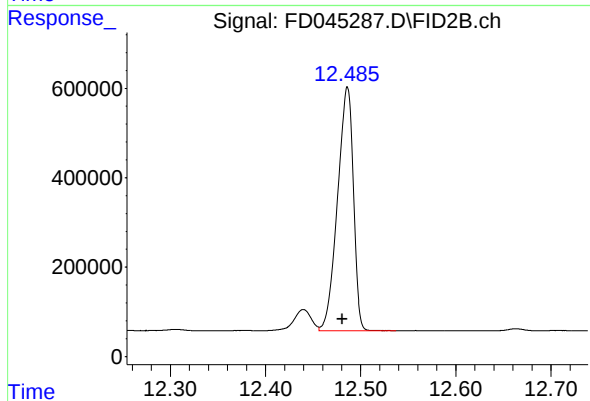
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: 0.004 min
Response: 6063835
Conc: 43.27 ug/ml



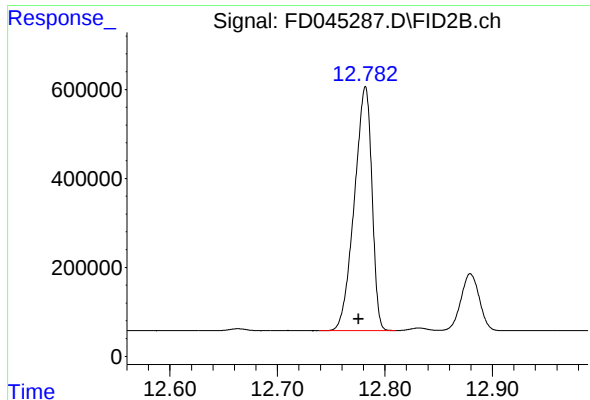
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.002 min
Response: 6911511
Conc: 41.52 ug/ml



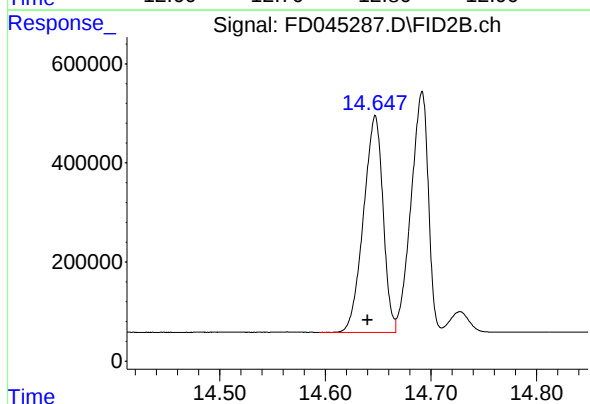
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: 0.005 min
Response: 6286258
Conc: 45.00 ug/ml



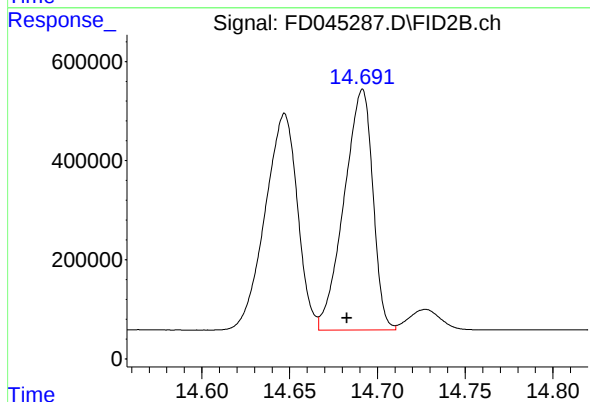
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: 0.006 min
Response: 6234005
Conc: 45.78 ug/ml



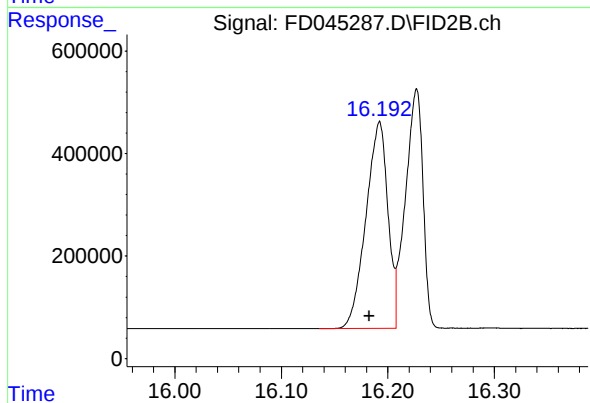
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: 0.007 min
Response: 5618016
Conc: 44.07 ug/ml



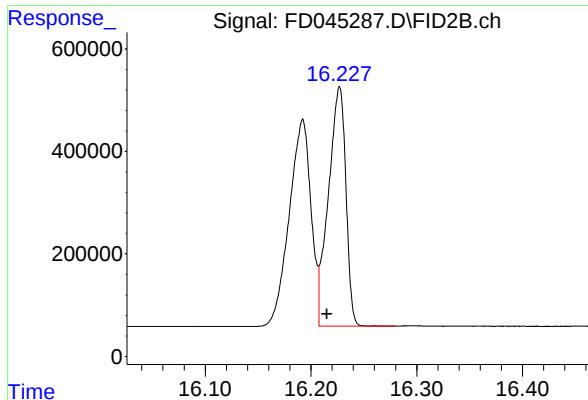
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.008 min
Response: 5541966
Conc: 42.52 ug/ml



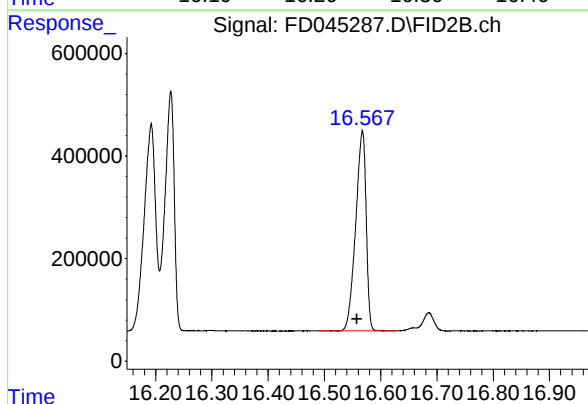
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: 0.009 min
Response: 5776565
Conc: 44.81 ug/ml



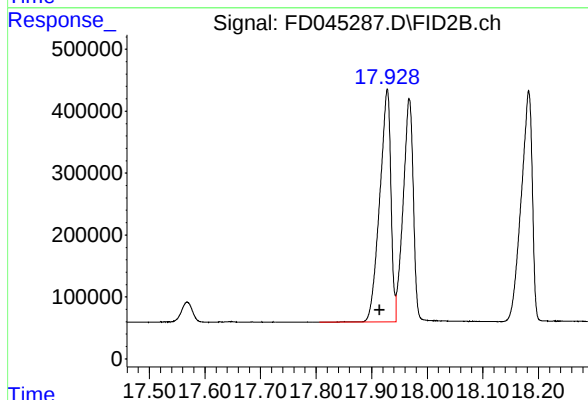
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.227 min
Delta R.T.: 0.011 min
Response: 5346947
Conc: 42.36 ug/ml



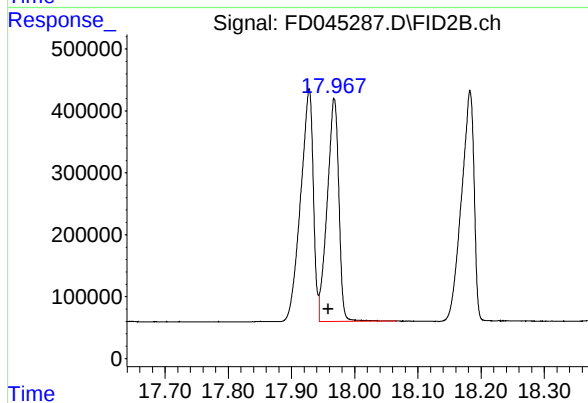
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: 0.009 min
Response: 5047759
Conc: 40.11 ug/ml



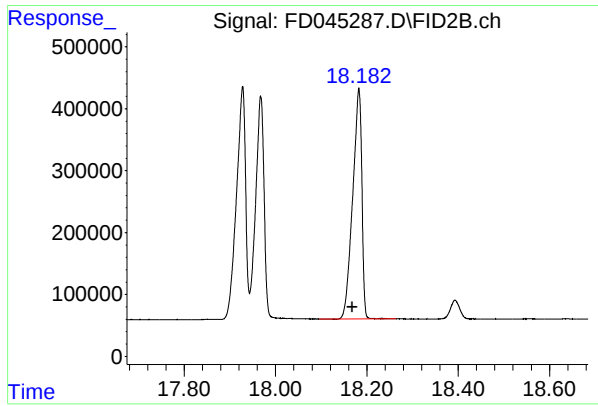
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.013 min
Response: 5238903
Conc: 43.79 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.009 min
Response: 4604574
Conc: 38.17 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.014 min
Response: 5172622
Conc: 41.57 ug/ml