

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046957.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 21:04
 Operator : YP/AJ
 Sample : 05451-05MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.481	9734940	53.379 ug/ml
Spiked Amount 50.000		Recovery =	106.76%
6) S 2-Fluorobiphenyl (SURR)	8.334	5859048	49.787 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.57%
11) S ortho-Terphenyl (SURR)	11.371	7132001	33.680 ug/ml
Spiked Amount 50.000		Recovery =	67.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.293	6840904	35.422 ug/ml
2) T Naphthalene (C11.7)	5.819	8333075	41.615 ug/ml
3) T 2-Methylnaphthalene (...)	6.868	8672761	43.152 ug/ml
5) T Acenaphthylene (C15.06)	8.138	9295515	50.539 ug/ml
7) T Acenaphthene (C15.5)	8.434	9192824	46.929 ug/ml
8) T Fluorene (C16.55)	9.213	9447462	51.076 ug/ml
9) T Phenanthrene (C19.36)	10.602	9561119	53.743 ug/ml
10) T Anthracene (C19.43)	10.678	9280771	54.459 ug/ml
12) T Fluoranthene (C21.85)	12.407	9765092	56.541 ug/ml
13) T Pyrene (C20.8)	12.702	9719614	58.454 ug/ml
14) T Benzo[a]anthracene (C...	14.566	8693358	61.790 ug/ml
15) T Chrysene (C27.41)	14.611	8739048	56.035 ug/ml
16) T benzo[b]fluoranthene ...	16.109	8449833	59.038 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	8261790	56.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	7903892	56.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	8525435	67.486 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	7728946	55.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	7694633	55.109 ug/ml

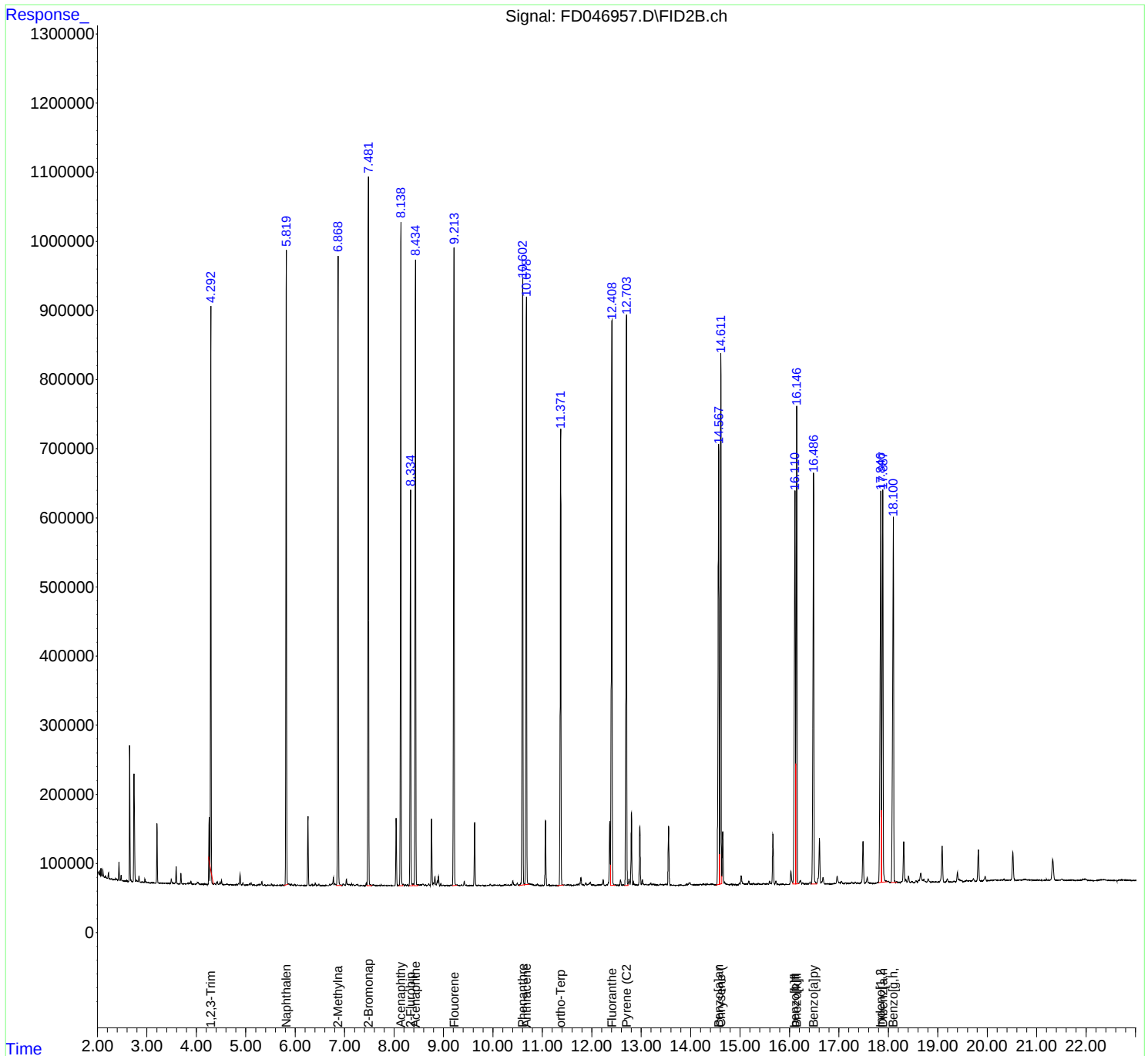
(f)=RT Delta > 1/2 Window

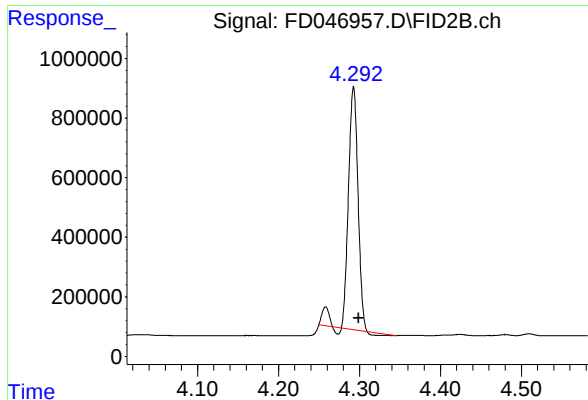
(m)=manual int.

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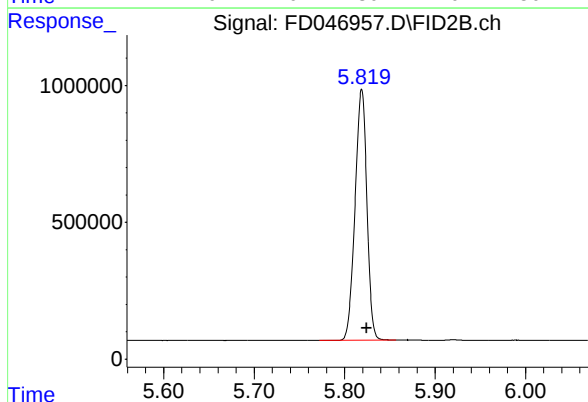
Volume Inj. : 1 µl
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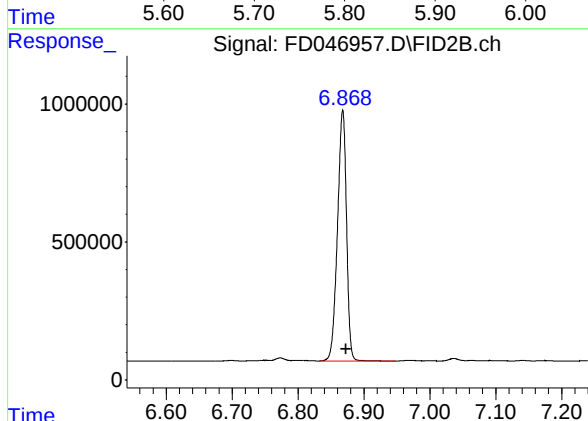
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.293 min
Delta R.T.: -0.006 min
Response: 6840904
Conc: 35.42 ug/ml



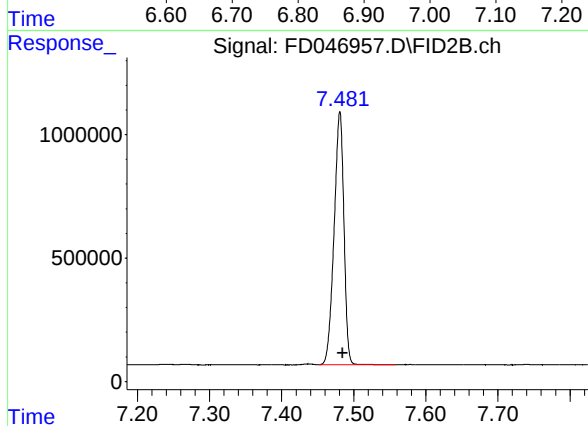
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: -0.006 min
Response: 8333075
Conc: 41.61 ug/ml



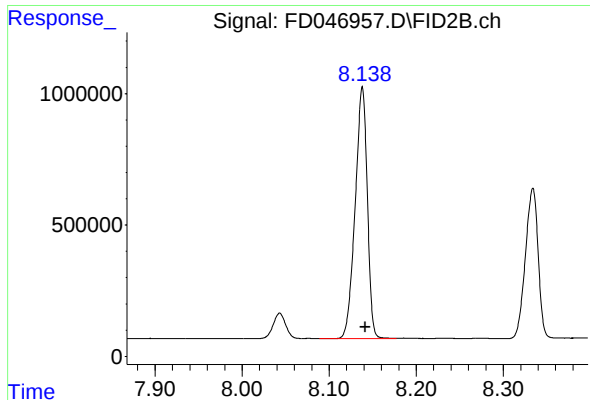
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: -0.005 min
Response: 8672761
Conc: 43.15 ug/ml



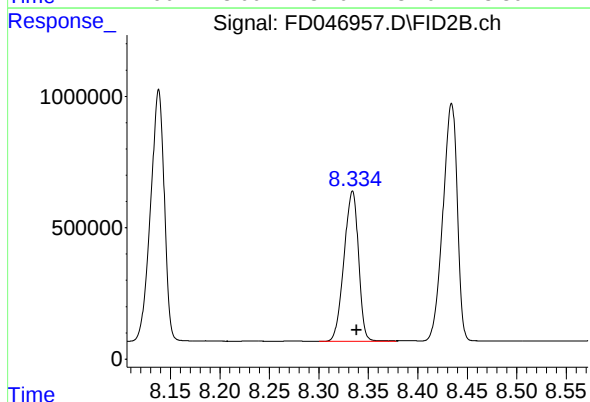
#4 2-Bromonaphthalene (SURR)

R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 9734940
Conc: 53.38 ug/ml



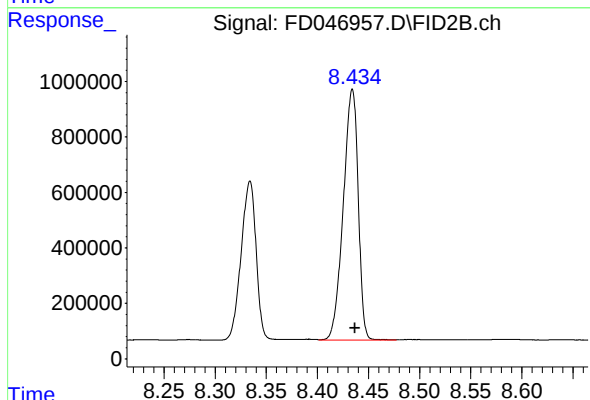
#5 Acenaphthylene (C15.06)

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 9295515
Conc: 50.54 ug/ml



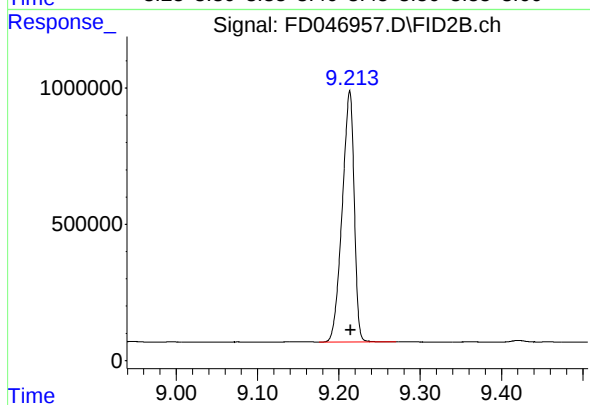
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 5859048
Conc: 49.79 ug/ml



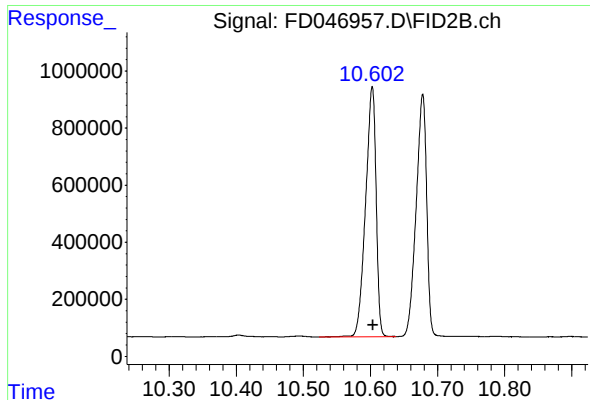
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 9192824
Conc: 46.93 ug/ml



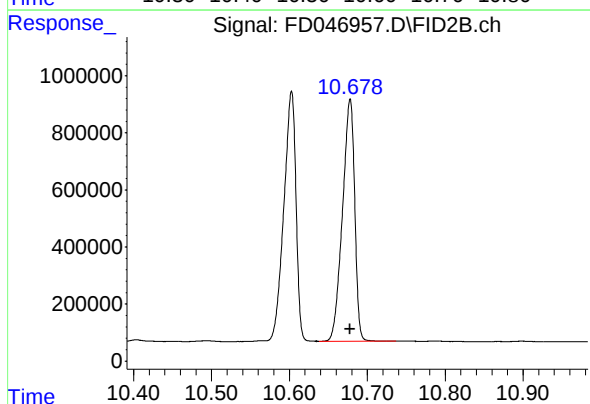
#8 Flouorene (C16.55)

R.T.: 9.213 min
Delta R.T.: -0.002 min
Response: 9447462
Conc: 51.08 ug/ml



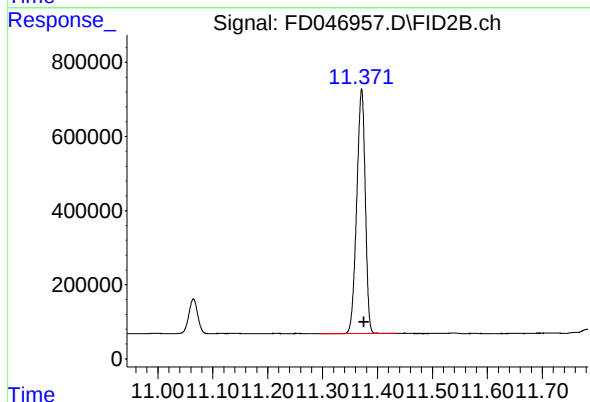
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 9561119
Conc: 53.74 ug/ml



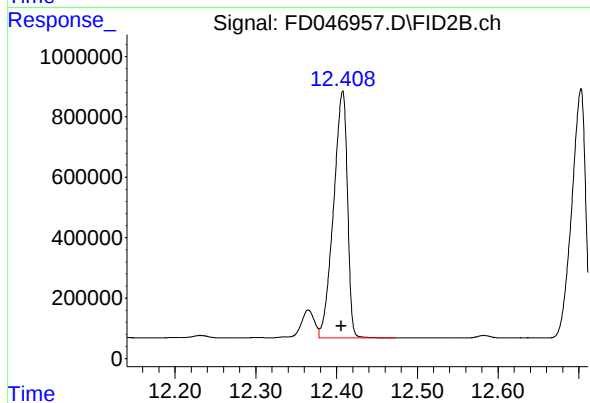
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 9280771
Conc: 54.46 ug/ml



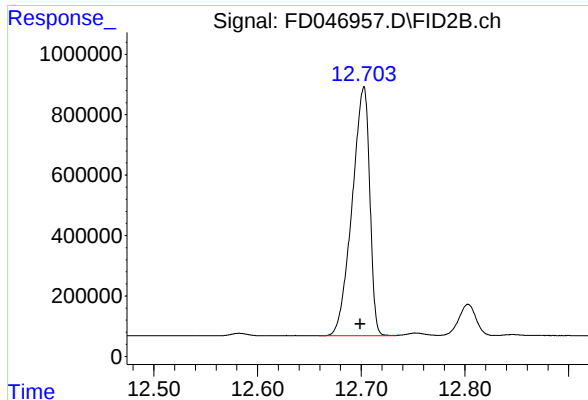
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 7132001
Conc: 33.68 ug/ml



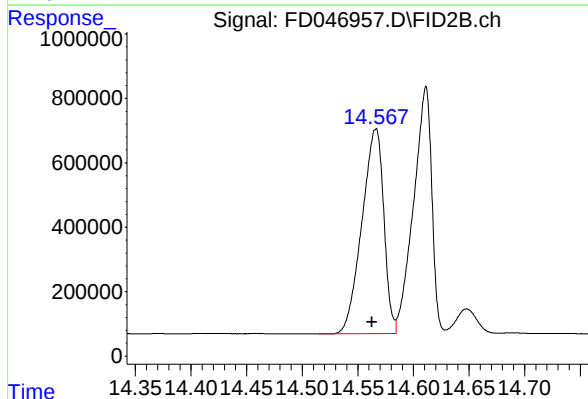
#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: 0.001 min
Response: 9765092
Conc: 56.54 ug/ml



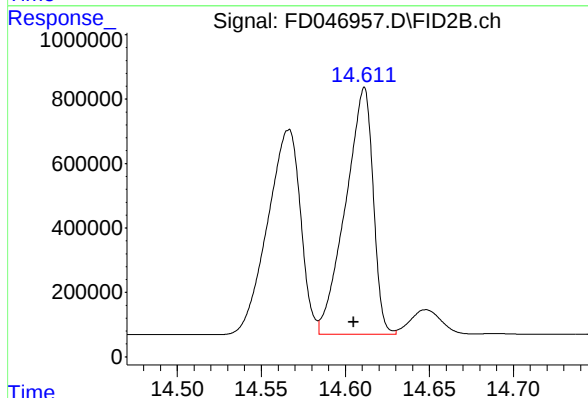
#13 Pyrene (C20.8)

R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 9719614
Conc: 58.45 ug/ml



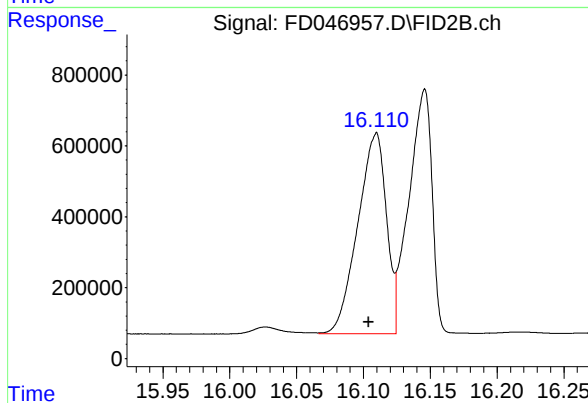
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: 0.003 min
Response: 8693358
Conc: 61.79 ug/ml



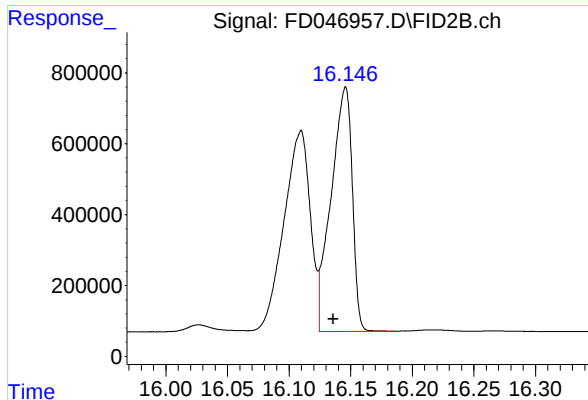
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.006 min
Response: 8739048
Conc: 56.04 ug/ml



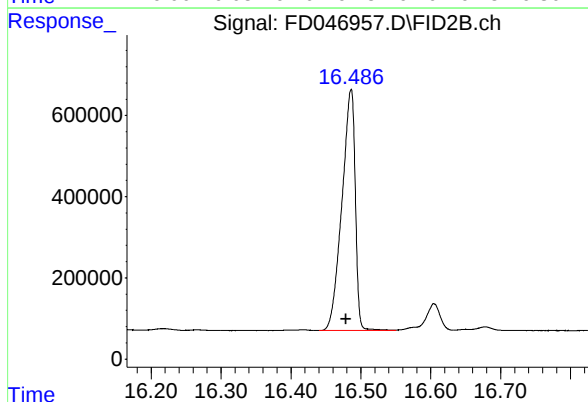
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: 0.005 min
Response: 8449833
Conc: 59.04 ug/ml



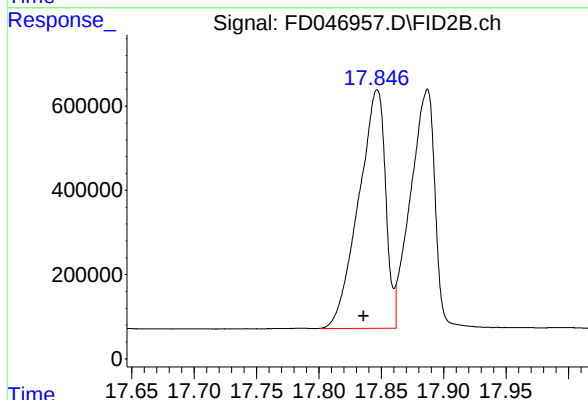
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.009 min
Response: 8261790
Conc: 56.43 ug/ml



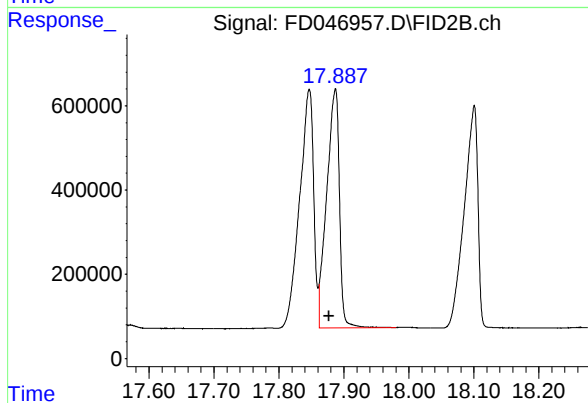
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.007 min
Response: 7903892
Conc: 56.39 ug/ml



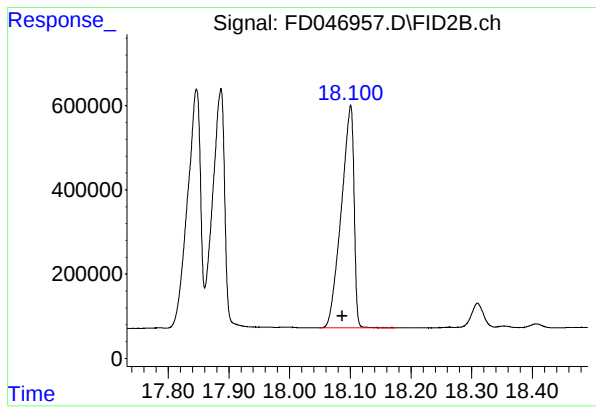
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.846 min
Delta R.T.: 0.010 min
Response: 8525435
Conc: 67.49 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.009 min
Response: 7728946
Conc: 55.32 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.013 min
Response: 7694633
Conc: 55.11 ug/ml