

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046952.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 17:50
 Operator : YP/AJ
 Sample : PB157373BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:47:39 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...	7.480	9606711	52.676 ug/ml
Spiked Amount 50.000		Recovery =	105.35%
6) S 2-Fluorobiphenyl (SURR)	8.333	5479514	46.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.12%
11) S ortho-Terphenyl (SURR)	11.372	9812610	46.339 ug/ml
Spiked Amount 50.000		Recovery =	92.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	6190886	32.057 ug/mlm
2) T Naphthalene (C11.7)	5.817	7341106	36.661 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	7739332	38.507 ug/ml
5) T Acenaphthylene (C15.06)	8.137	8337544	45.330 ug/ml
7) T Acenaphthene (C15.5)	8.433	8318624	42.467 ug/ml
8) T Fluorene (C16.55)	9.212	8628825	46.651 ug/ml
9) T Phenanthrene (C19.36)	10.601	8672980	48.750 ug/ml
10) T Anthracene (C19.43)	10.676	8372120	49.127 ug/ml
12) T Fluoranthene (C21.85)	12.405	8900756	51.536 ug/ml
13) T Pyrene (C20.8)	12.700	8882051	53.417 ug/ml
14) T Benzo[a]anthracene (C...	14.564	7902433	56.168 ug/ml
15) T Chrysene (C27.41)	14.609	7899417	50.652 ug/ml
16) T benzo[b]fluoranthene ...	16.107	7709414	53.865 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	7455757	50.926 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	7114721	50.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	7314554	57.901 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	6740837	48.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	6857248	49.112 ug/ml

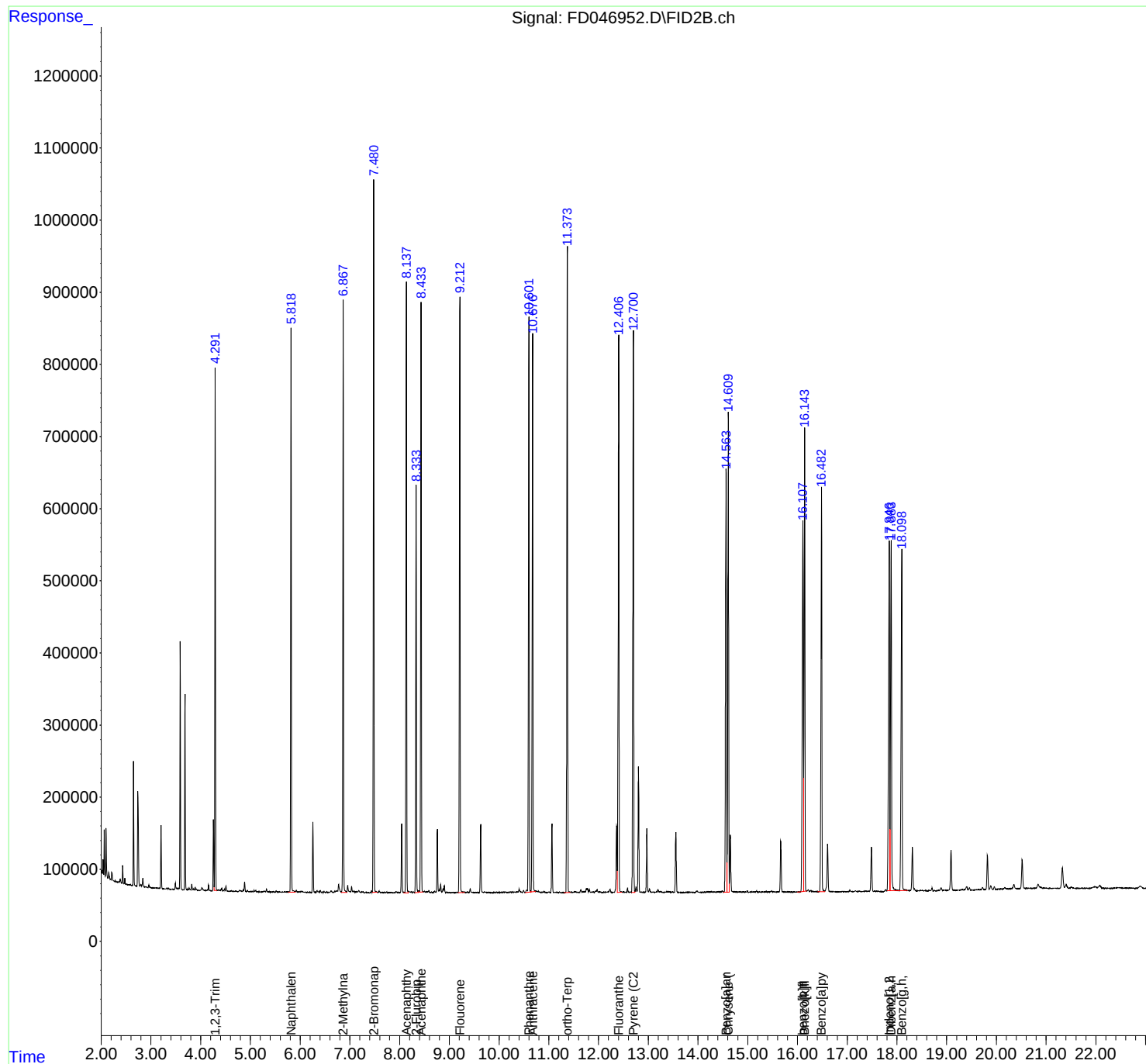
(f)=RT Delta > 1/2 Window

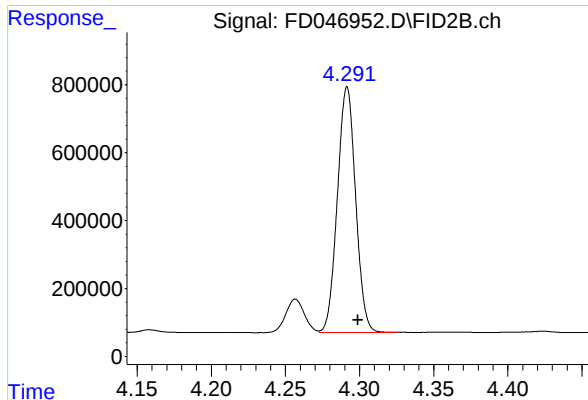
(m)=manual int.

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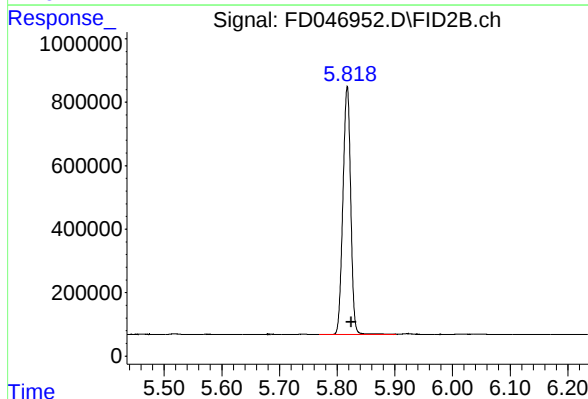
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





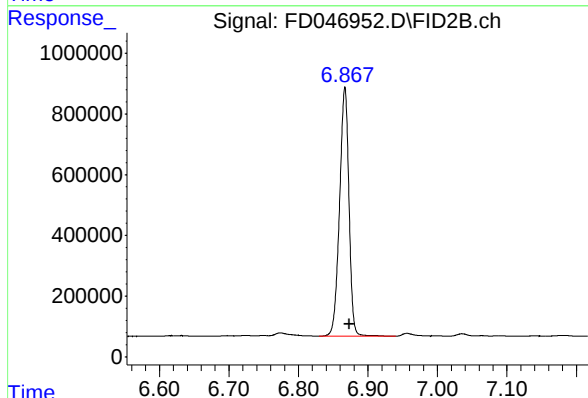
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: -0.008 min
Response: 6190886
Conc: 32.06 ug/ml m



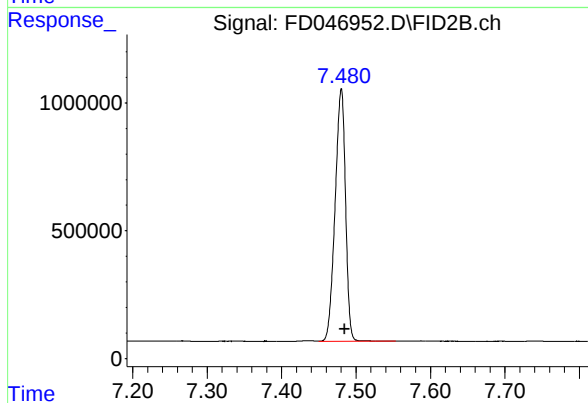
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.007 min
Response: 7341106
Conc: 36.66 ug/ml



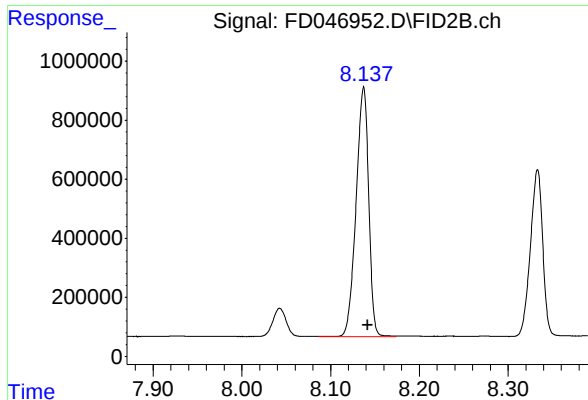
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: -0.006 min
Response: 7739332
Conc: 38.51 ug/ml



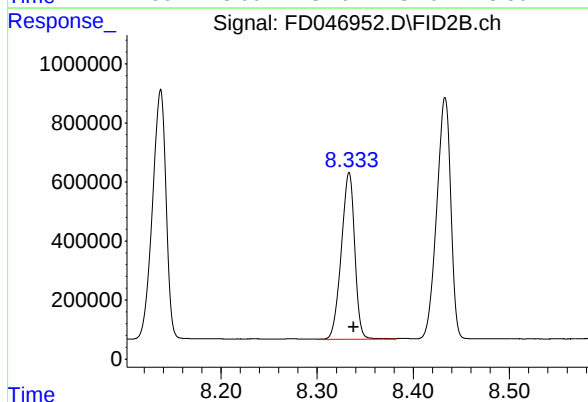
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 9606711
Conc: 52.68 ug/ml



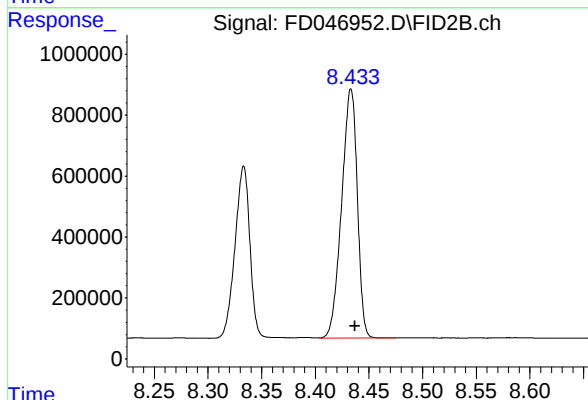
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 8337544
Conc: 45.33 ug/ml



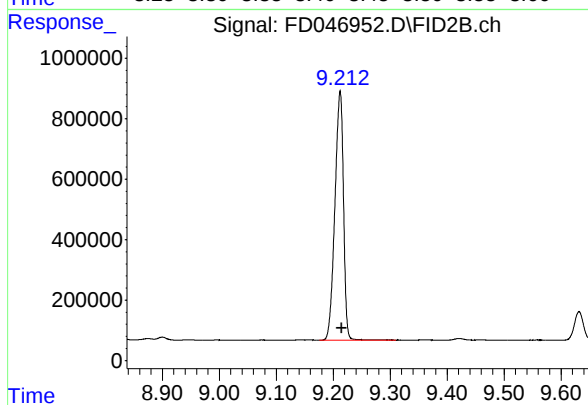
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.005 min
Response: 5479514
Conc: 46.56 ug/ml



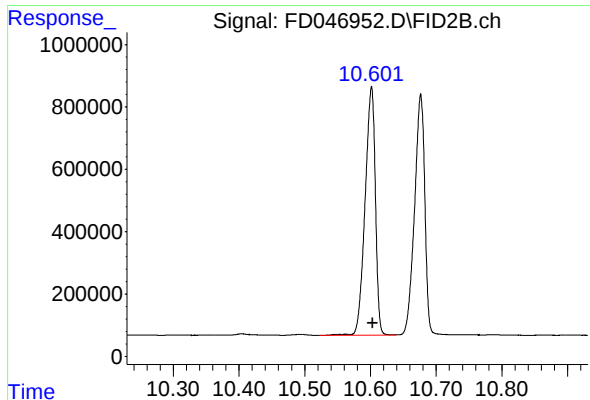
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 8318624
Conc: 42.47 ug/ml



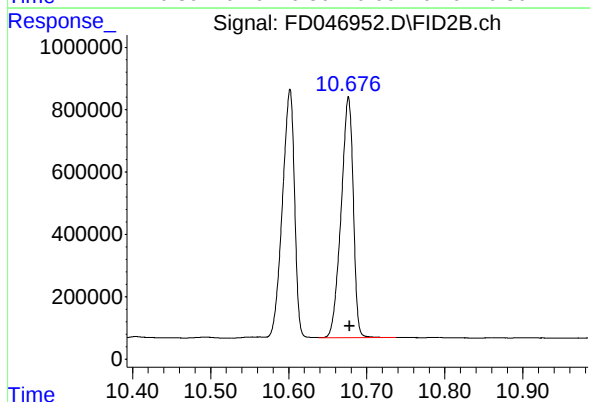
#8 Flouorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.003 min
Response: 8628825
Conc: 46.65 ug/ml



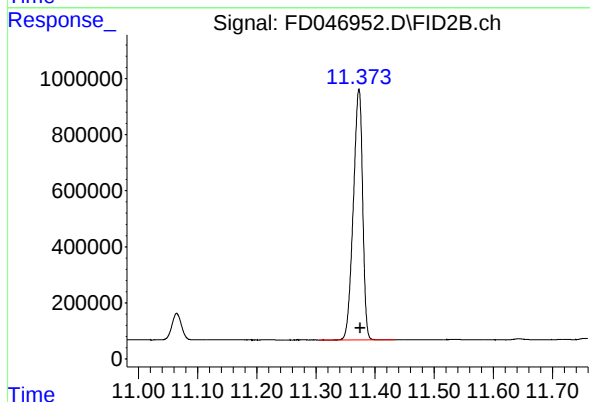
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 8672980
Conc: 48.75 ug/ml



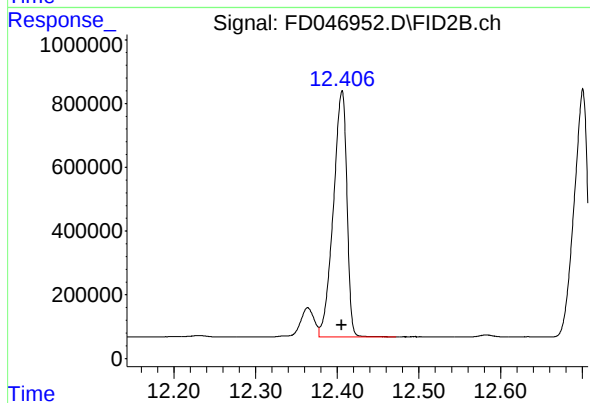
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.002 min
Response: 8372120
Conc: 49.13 ug/ml



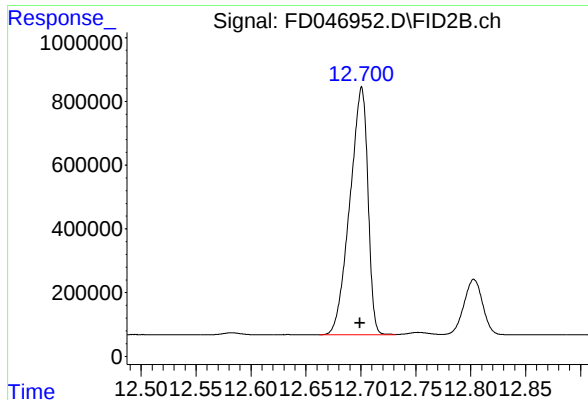
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 9812610
Conc: 46.34 ug/ml



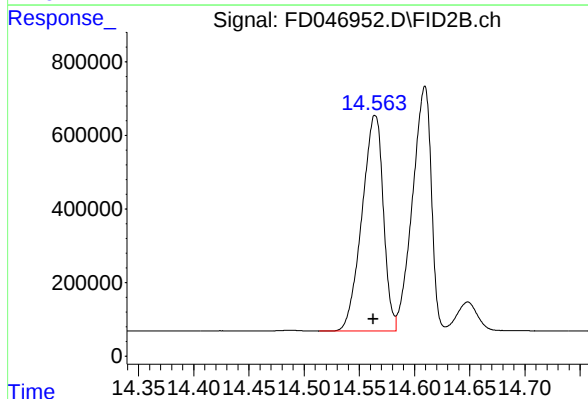
#12 Fluoranthene (C21.85)

R.T.: 12.405 min
Delta R.T.: 0.000 min
Response: 8900756
Conc: 51.54 ug/ml



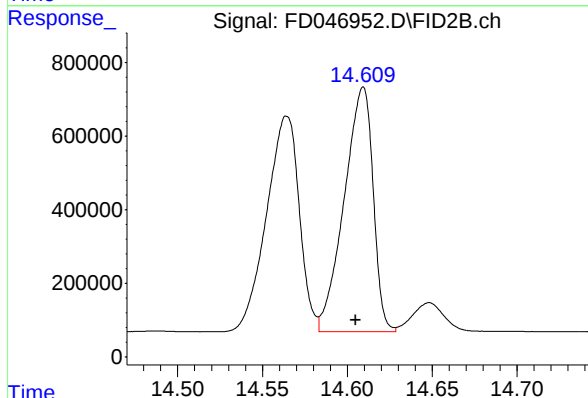
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: 0.001 min
Response: 8882051
Conc: 53.42 ug/ml



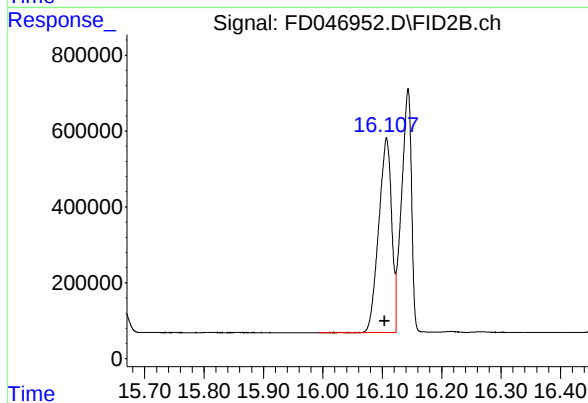
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.564 min
Delta R.T.: 0.001 min
Response: 7902433
Conc: 56.17 ug/ml



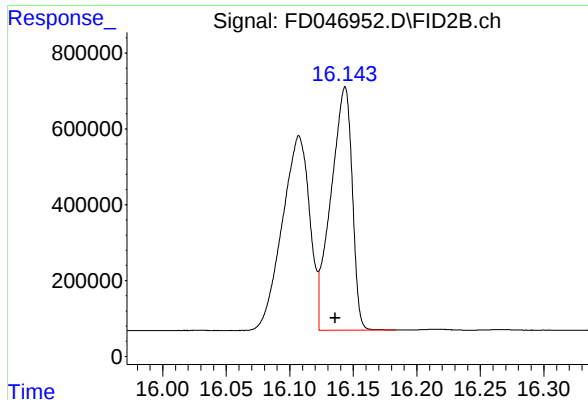
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: 0.004 min
Response: 7899417
Conc: 50.65 ug/ml



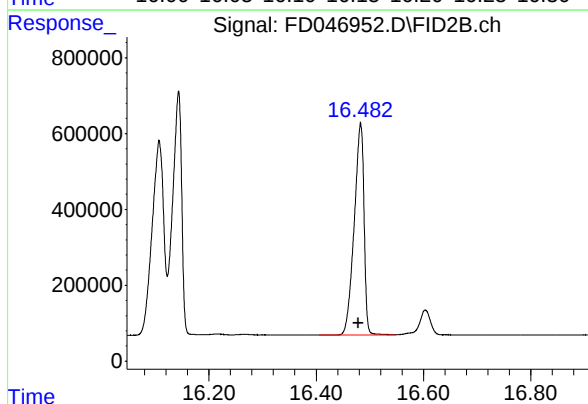
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.107 min
Delta R.T.: 0.003 min
Response: 7709414
Conc: 53.86 ug/ml



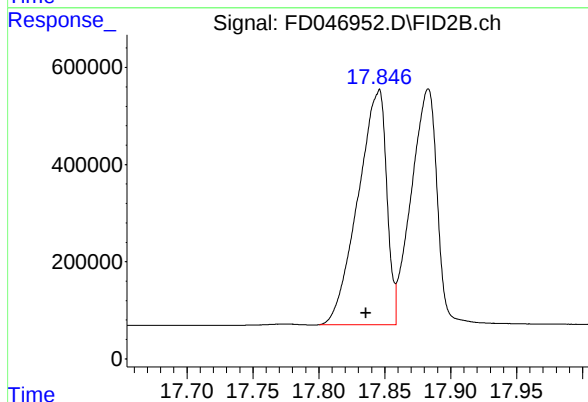
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.143 min
Delta R.T.: 0.007 min
Response: 7455757
Conc: 50.93 ug/ml



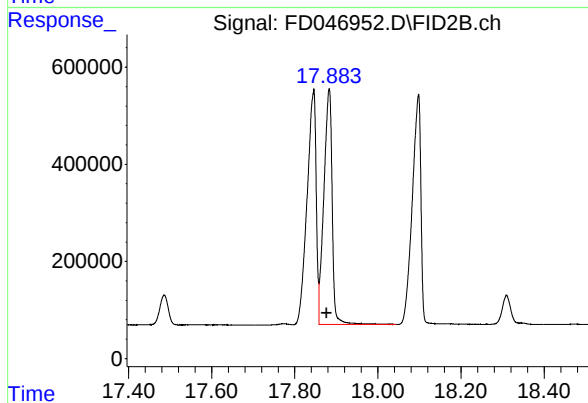
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.004 min
Response: 7114721
Conc: 50.76 ug/ml



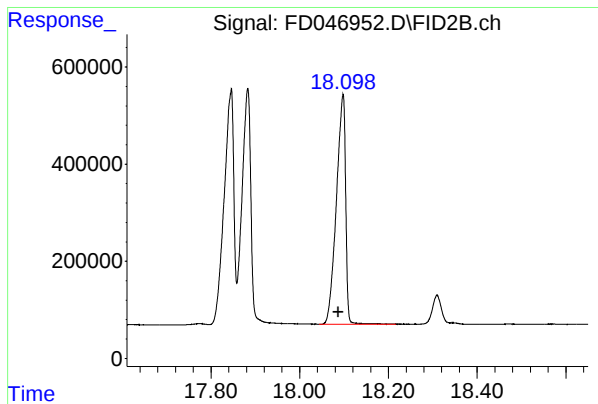
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: 0.008 min
Response: 7314554
Conc: 57.90 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.005 min
Response: 6740837
Conc: 48.25 ug/ml



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

R.T.: 18.097 min
Delta R.T.: 0.010 min
Response: 6857248
Conc: 49.11 ug/ml