

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046956.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 20:25
 Operator : YP/AJ
 Sample : 05451-05MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:22 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	9697759	53.175 ug/ml
Spiked Amount 50.000		Recovery =	106.35%
6) S 2-Fluorobiphenyl (SURR)	8.334	5856091	49.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.52%
11) S ortho-Terphenyl (SURR)	11.370	7165147	33.837 ug/ml
Spiked Amount 50.000		Recovery =	67.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	6665592	34.515 ug/ml
2) T Naphthalene (C11.7)	5.818	8284527	41.372 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	8664723	43.112 ug/ml
5) T Acenaphthylene (C15.06)	8.137	9276809	50.437 ug/ml
7) T Acenaphthene (C15.5)	8.434	9179036	46.859 ug/ml
8) T Fluorene (C16.55)	9.212	9457515	51.131 ug/ml
9) T Phenanthrene (C19.36)	10.602	9622041	54.085 ug/ml
10) T Anthracene (C19.43)	10.677	9346823	54.846 ug/ml
12) T Fluoranthene (C21.85)	12.407	9883508	57.226 ug/ml
13) T Pyrene (C20.8)	12.701	9822203	59.071 ug/ml
14) T Benzo[a]anthracene (C...	14.565	8737127	62.101 ug/ml
15) T Chrysene (C27.41)	14.610	8802502	56.442 ug/ml
16) T benzo[b]fluoranthene ...	16.109	8468249	59.167 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	8327495	56.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	7900037	56.361 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	8415369	66.615 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	7632922	54.637 ug/ml
21) T Benzo[g,h,i]perylene ...	18.099	7654968	54.825 ug/ml

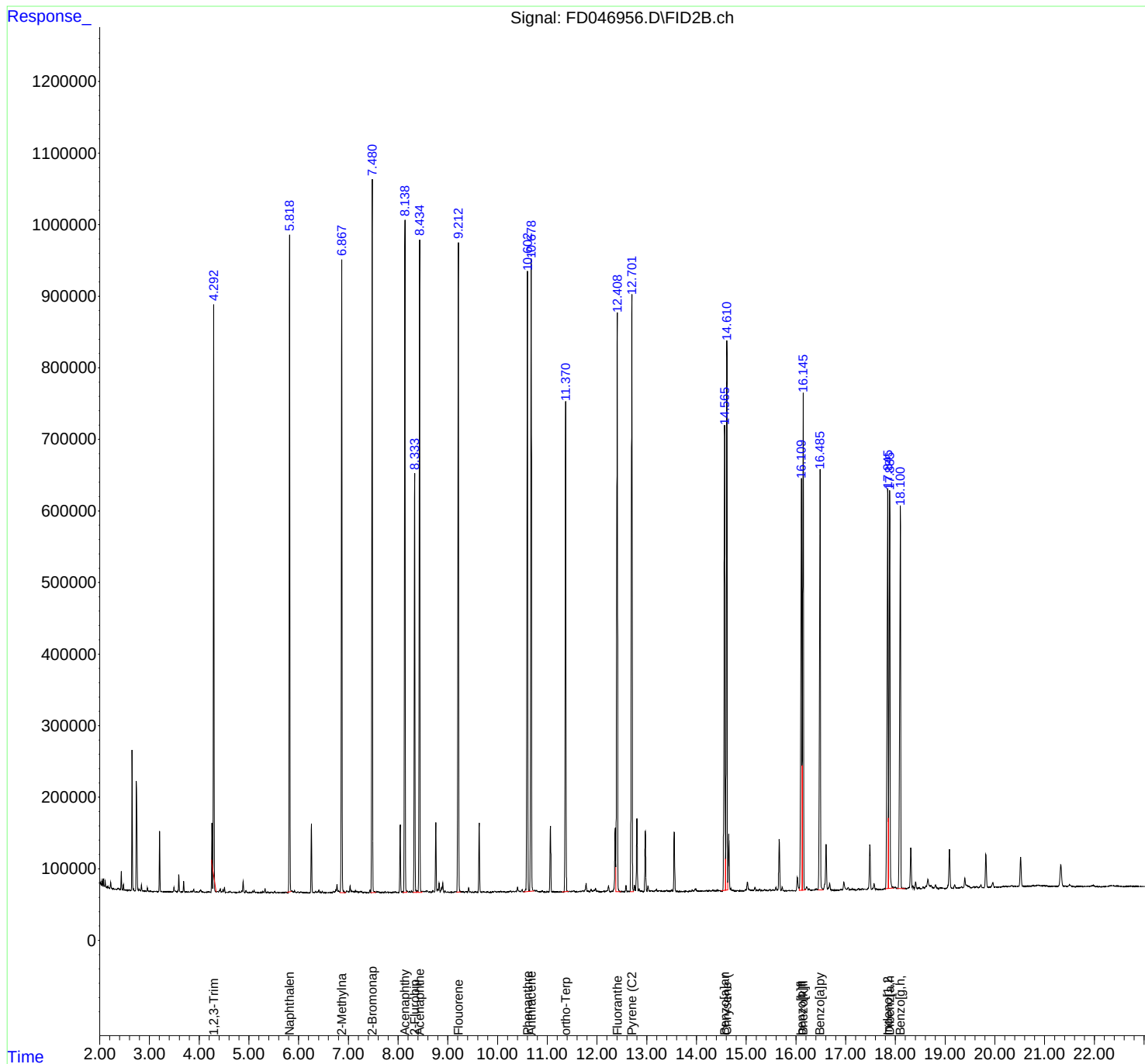
(f)=RT Delta > 1/2 Window

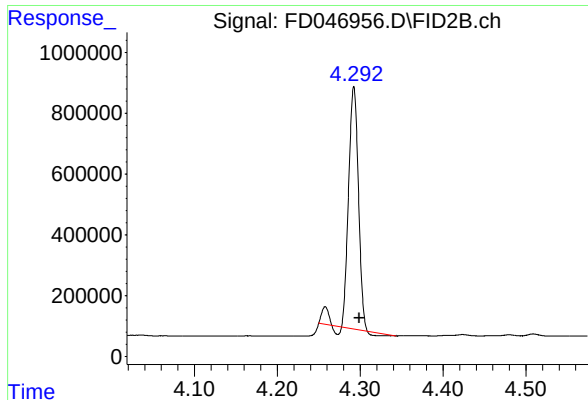
(m)=manual int.

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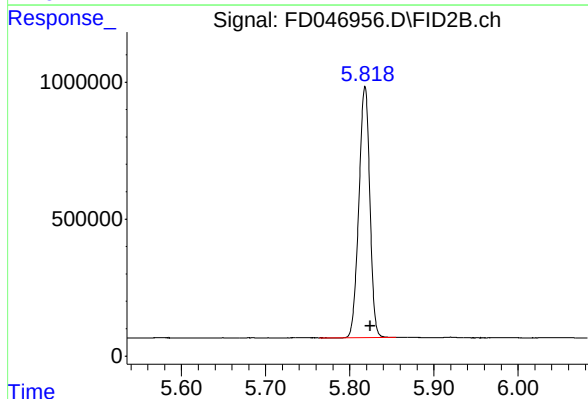
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





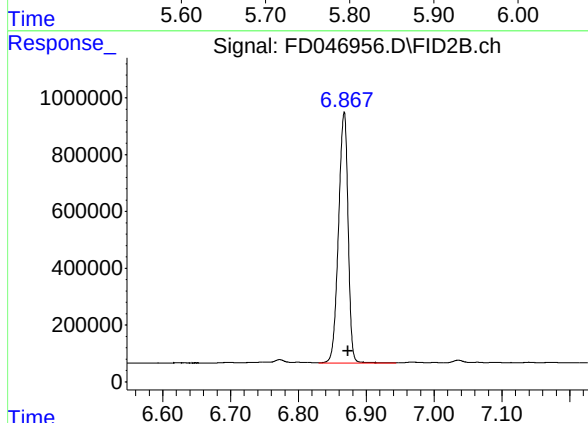
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 6665592
Conc: 34.51 ug/ml



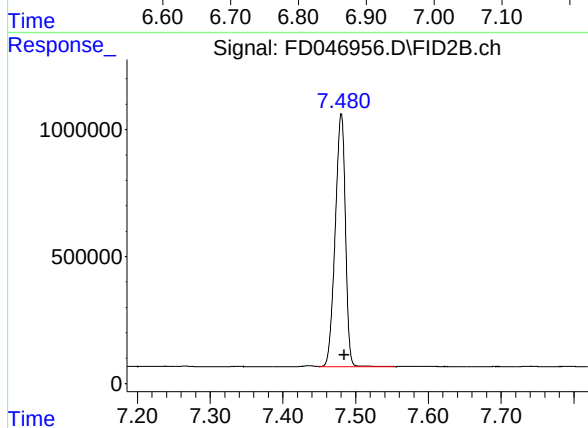
#2 Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 8284527
Conc: 41.37 ug/ml



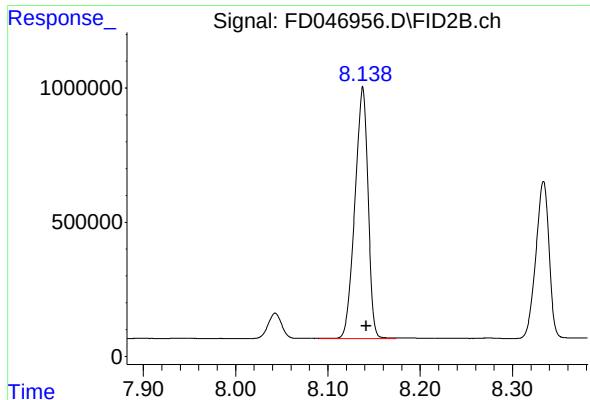
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: -0.006 min
Response: 8664723
Conc: 43.11 ug/ml



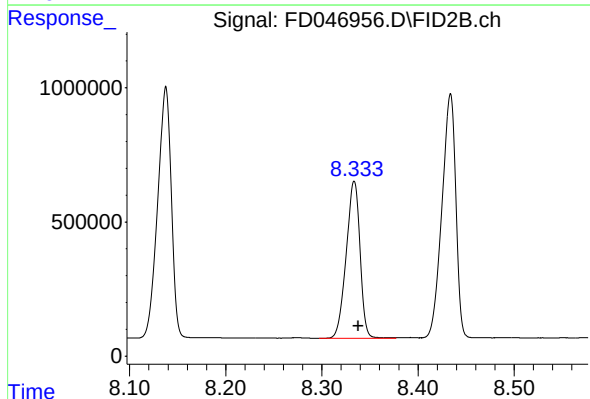
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 9697759
Conc: 53.17 ug/ml



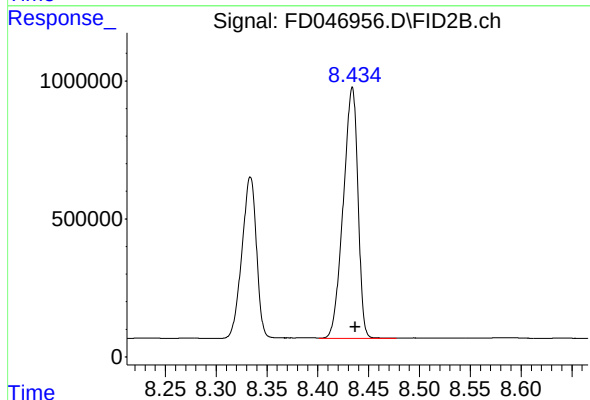
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 9276809
Conc: 50.44 ug/ml



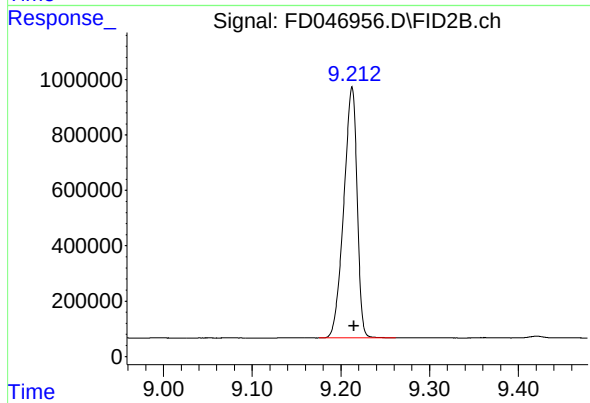
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 5856091
Conc: 49.76 ug/ml



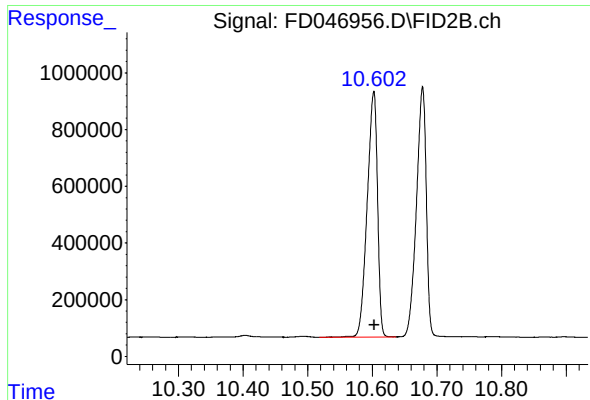
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 9179036
Conc: 46.86 ug/ml



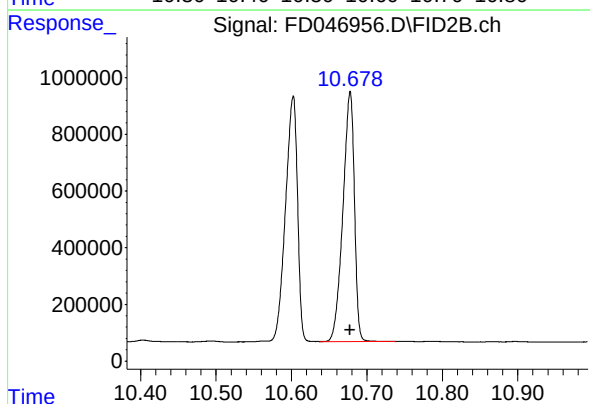
#8 Flouorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.003 min
Response: 9457515
Conc: 51.13 ug/ml



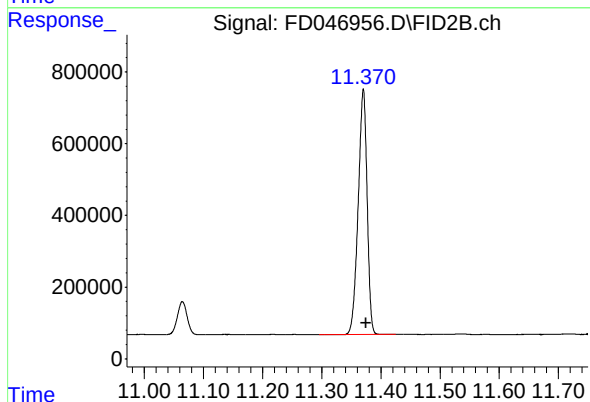
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.002 min
Response: 9622041
Conc: 54.09 ug/ml



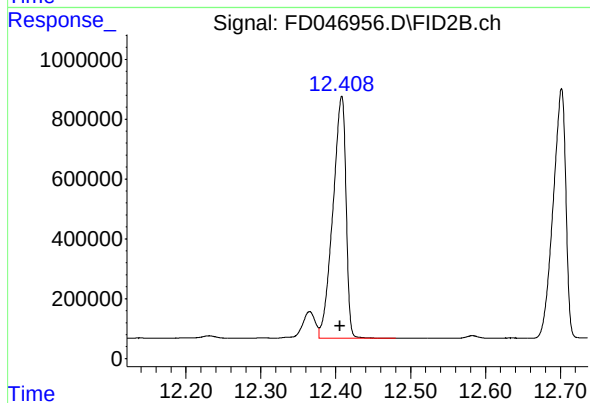
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 9346823
Conc: 54.85 ug/ml



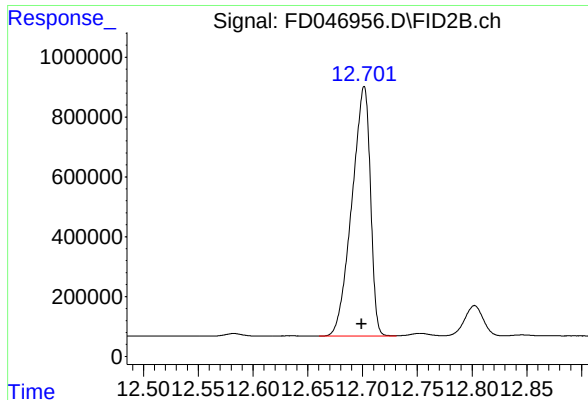
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 7165147
Conc: 33.84 ug/ml



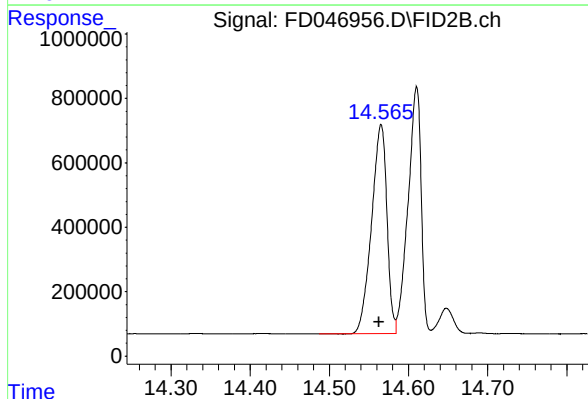
#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: 0.002 min
Response: 9883508
Conc: 57.23 ug/ml



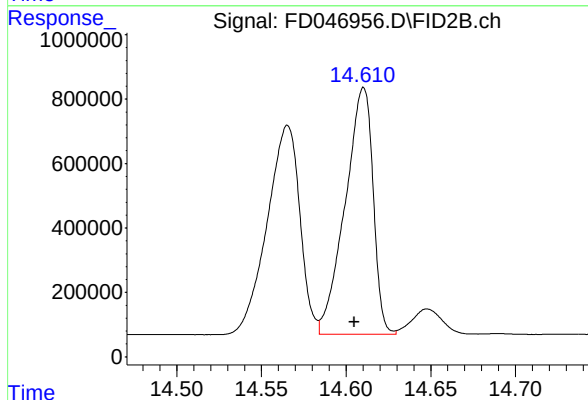
#13 Pyrene (C20.8)

R.T.: 12.701 min
Delta R.T.: 0.002 min
Response: 9822203
Conc: 59.07 ug/ml



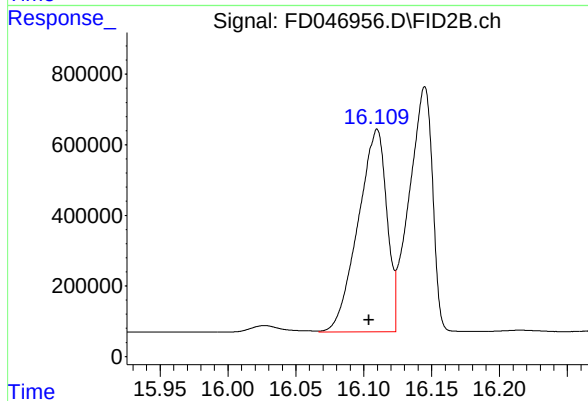
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: 0.002 min
Response: 8737127
Conc: 62.10 ug/ml



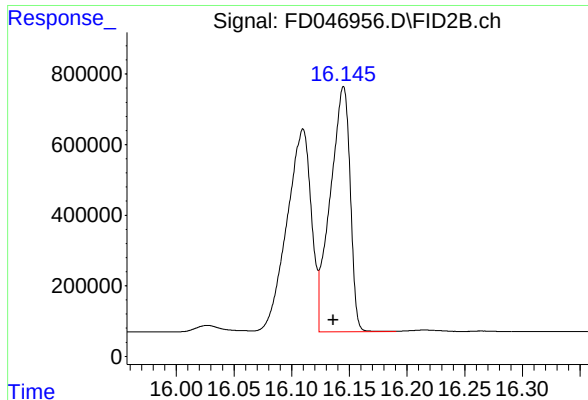
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.005 min
Response: 8802502
Conc: 56.44 ug/ml



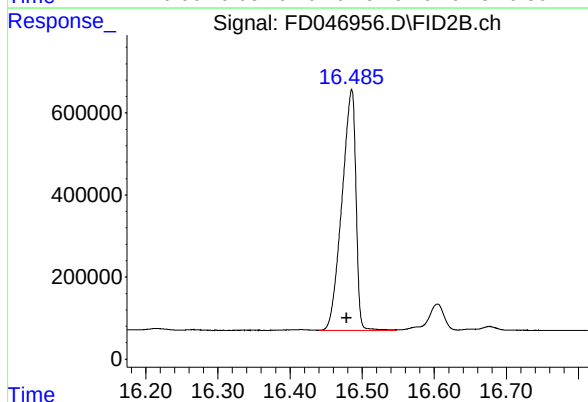
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: 0.005 min
Response: 8468249
Conc: 59.17 ug/ml



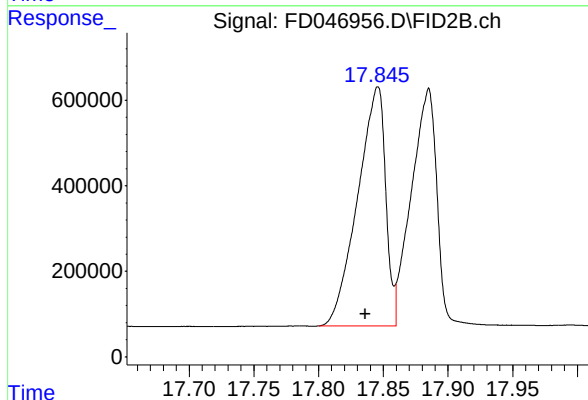
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.144 min
Delta R.T.: 0.009 min
Response: 8327495
Conc: 56.88 ug/ml



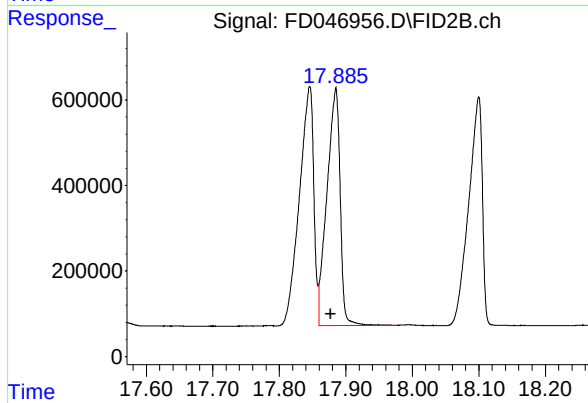
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.006 min
Response: 7900037
Conc: 56.36 ug/ml



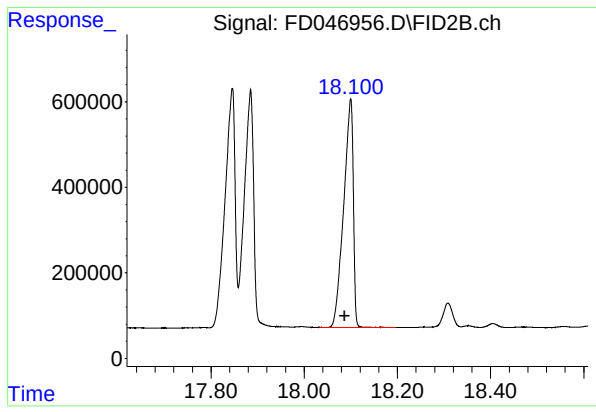
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.009 min
Response: 8415369
Conc: 66.61 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.007 min
Response: 7632922
Conc: 54.64 ug/ml



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

R.T.: 18.099 min
Delta R.T.: 0.012 min
Response: 7654968
Conc: 54.83 ug/ml