

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044868.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 12:04
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 13:26:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 13:26:39 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

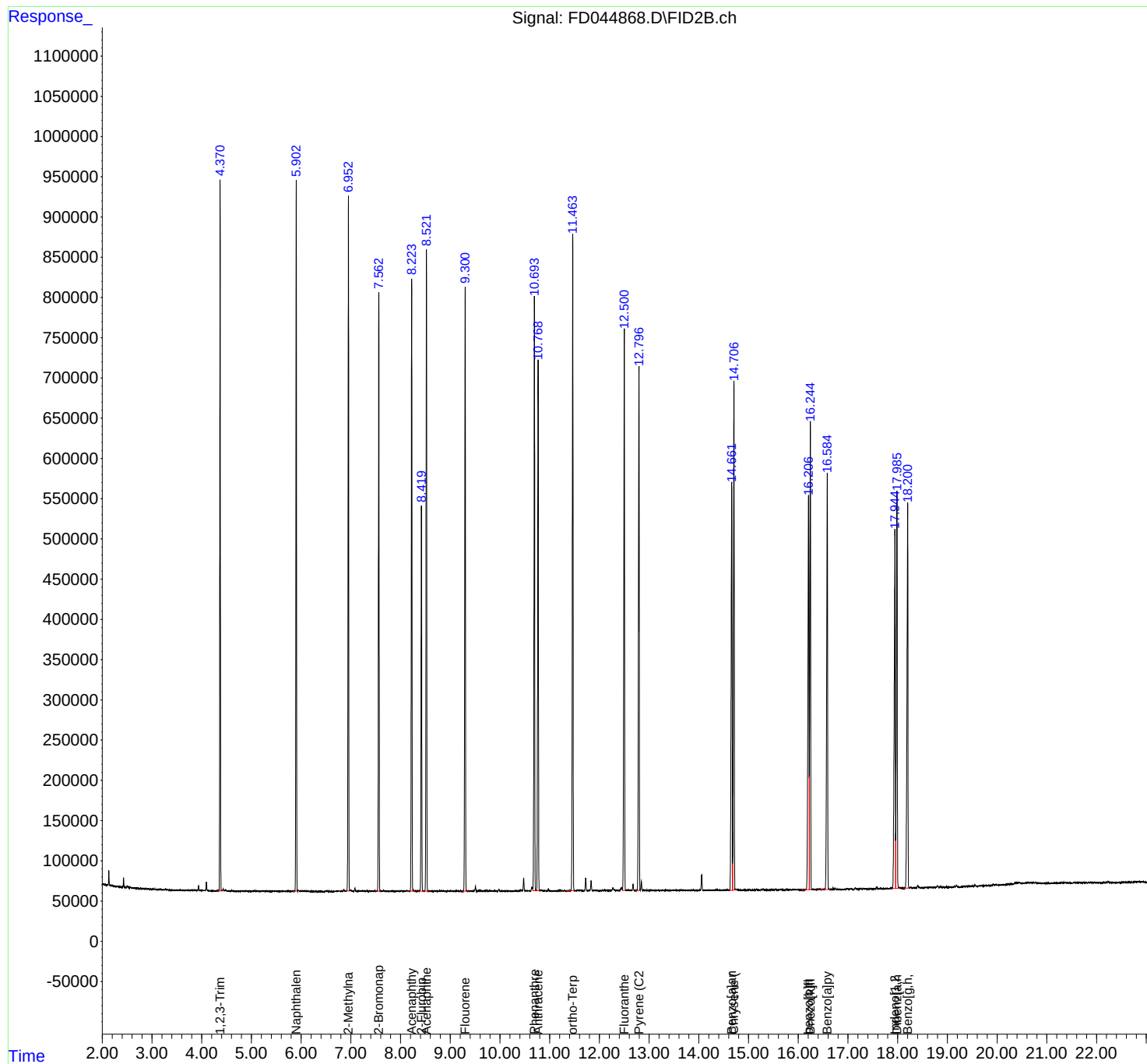
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.563	7018395	50.145 ug/ml
Spiked Amount 50.000		Recovery =	100.29%
6) S 2-Fluorobiphenyl (SURR)	8.419	4809815	50.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.66%
11) S ortho-Terphenyl (SURR)	11.463	8904971	50.349 ug/ml
Spiked Amount 50.000		Recovery =	100.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.370	7579173	50.058 ug/ml
2) T Naphthalene (C11.7)	5.902	8076225	50.150 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	8172489	50.218 ug/ml
5) T Acenaphthylene (C15.06)	8.224	7529969	50.202 ug/ml
7) T Acenaphthene (C15.5)	8.521	7971488	50.258 ug/ml
8) T Fluorene (C16.55)	9.300	7906796	50.281 ug/ml
9) T Phenanthrene (C19.36)	10.693	7809546	50.304 ug/ml
10) T Anthracene (C19.43)	10.767	7062551	50.131 ug/ml
12) T Fluoranthene (C21.85)	12.500	7789547	50.650 ug/ml
13) T Pyrene (C20.8)	12.796	7625350	50.684 ug/ml
14) T Benzo[a]anthracene (C...	14.661	6998476	50.839 ug/ml
15) T Chrysene (C27.41)	14.706	7290250	50.998 ug/ml
16) T benzo[b]fluoranthene ...	16.206	7141011	51.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	6946928	50.230 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.584	6875750	50.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.944	6631232	50.449 ug/ml
20) T Dibenz[a,h]anthracene...	17.985	6508443	50.922 ug/ml
21) T Benzo[g,h,i]perylene ...	18.200	6663931	50.724 ug/ml

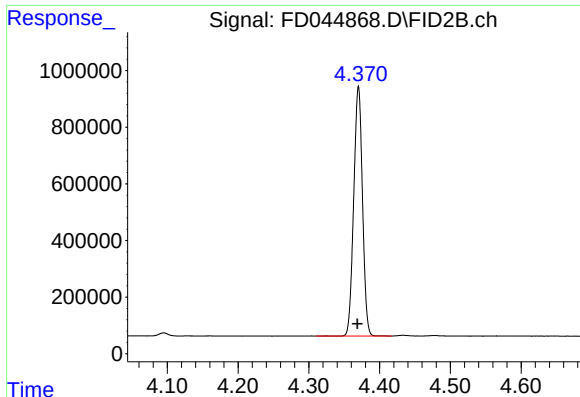
(f)=RT Delta > 1/2 Window

(m)=manual int.

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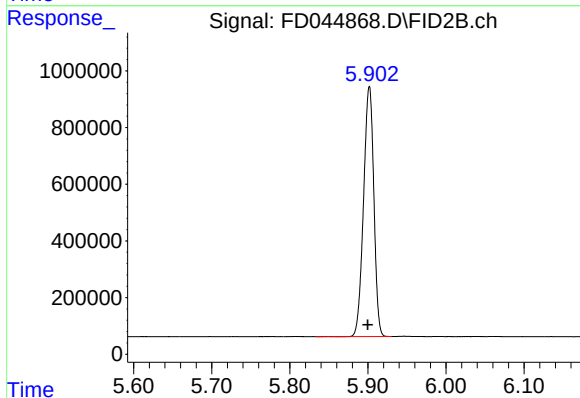
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





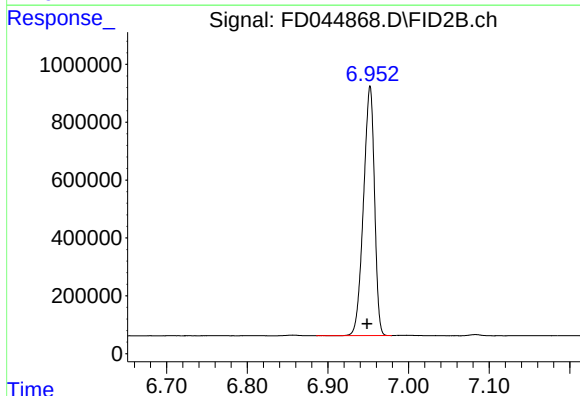
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.370 min
Delta R.T.: 0.001 min
Response: 7579173
Conc: 50.06 ug/ml



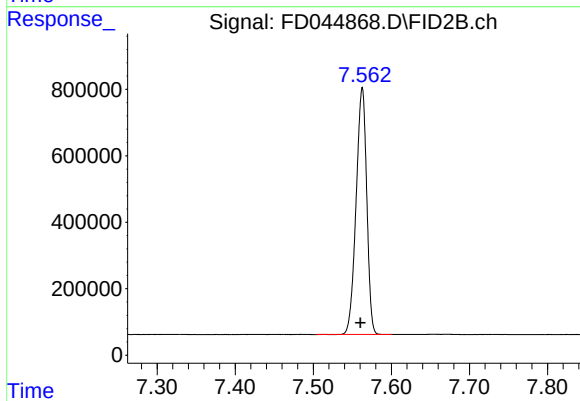
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 8076225
Conc: 50.15 ug/ml



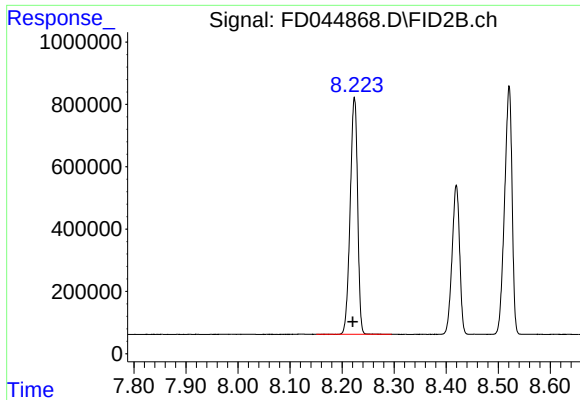
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: 0.003 min
Response: 8172489
Conc: 50.22 ug/ml



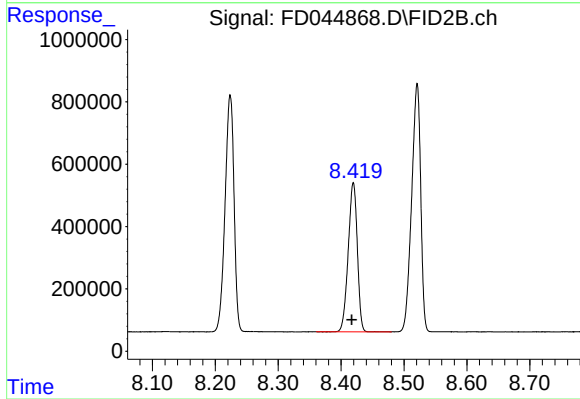
#4 2-Bromonaphthalene (SURR)

R.T.: 7.563 min
Delta R.T.: 0.002 min
Response: 7018395
Conc: 50.14 ug/ml



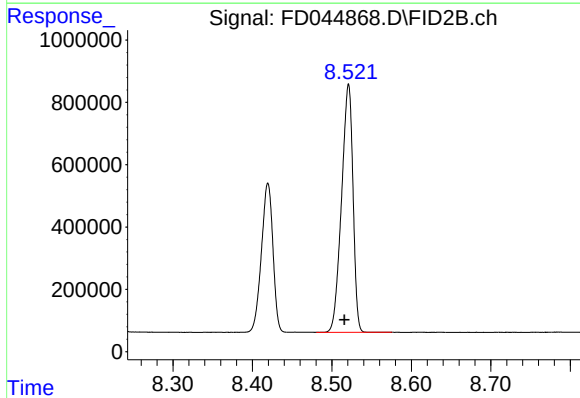
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: 0.003 min
Response: 7529969
Conc: 50.20 ug/ml



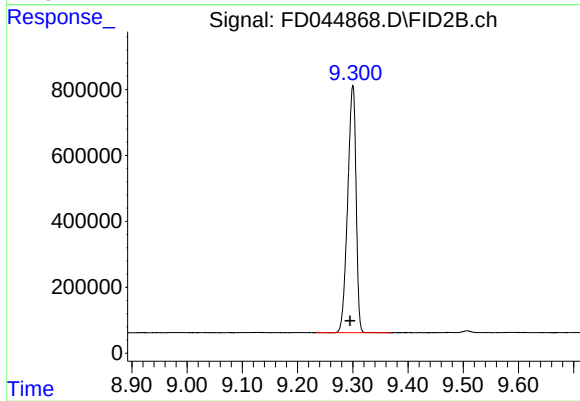
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.419 min
Delta R.T.: 0.003 min
Response: 4809815
Conc: 50.33 ug/ml



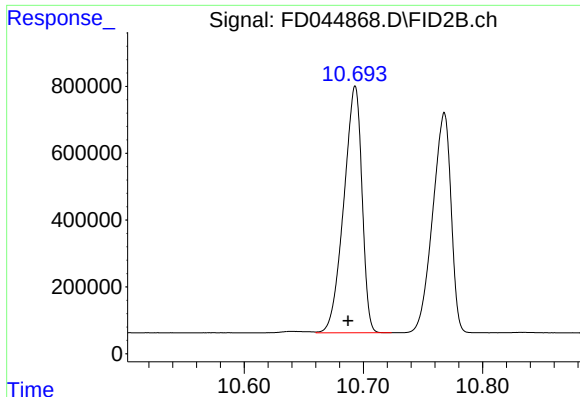
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: 0.005 min
Response: 7971488
Conc: 50.26 ug/ml



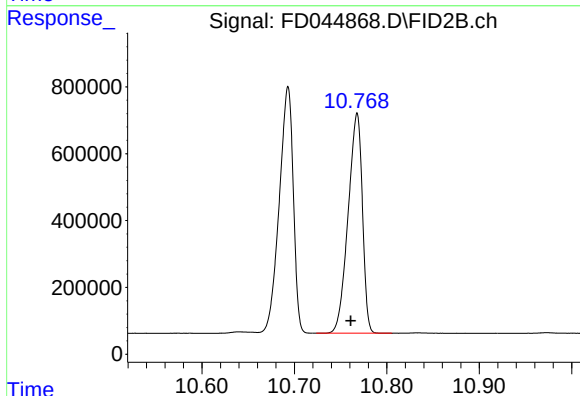
#8 Flouorene (C16.55)

R.T.: 9.300 min
Delta R.T.: 0.005 min
Response: 7906796
Conc: 50.28 ug/ml



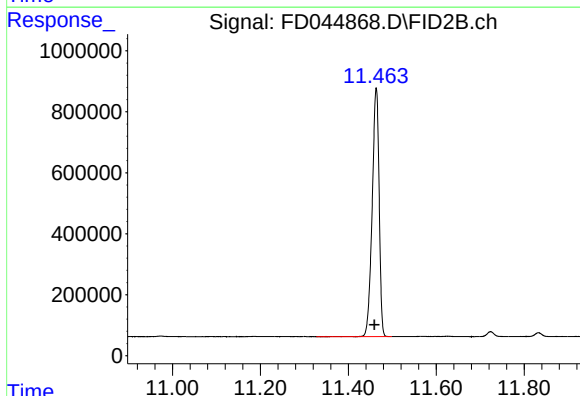
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: 0.005 min
Response: 7809546
Conc: 50.30 ug/ml



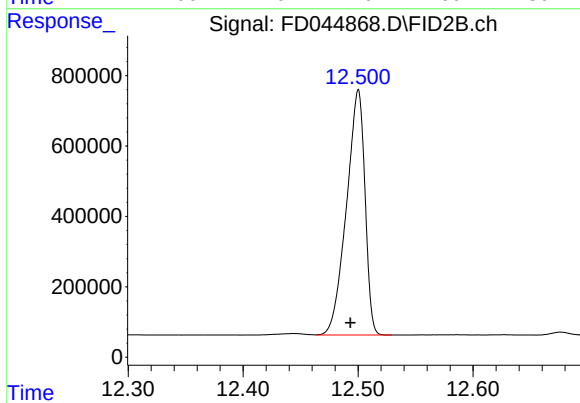
#10 Anthracene (C19.43)

R.T.: 10.767 min
Delta R.T.: 0.006 min
Response: 7062551
Conc: 50.13 ug/ml



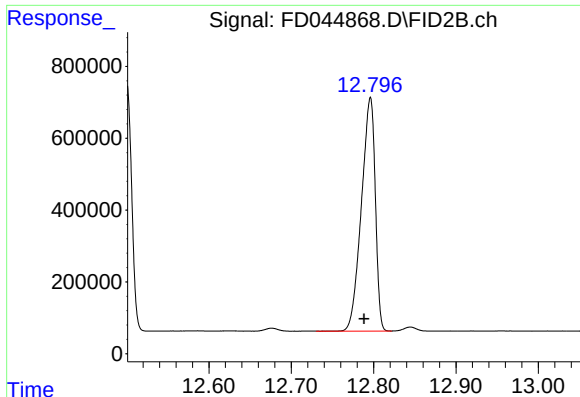
#11 ortho-Terphenyl (SURR)

R.T.: 11.463 min
Delta R.T.: 0.004 min
Response: 8904971
Conc: 50.35 ug/ml



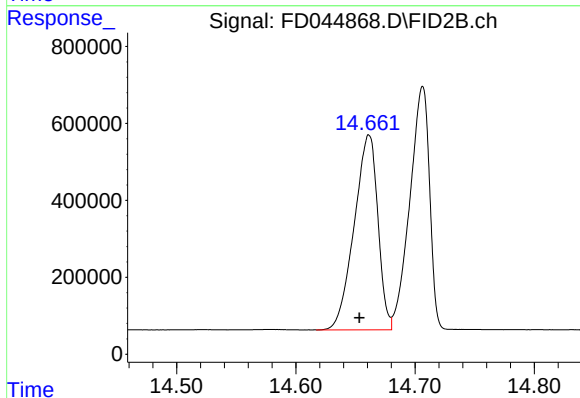
#12 Fluoranthene (C21.85)

R.T.: 12.500 min
Delta R.T.: 0.007 min
Response: 7789547
Conc: 50.65 ug/ml



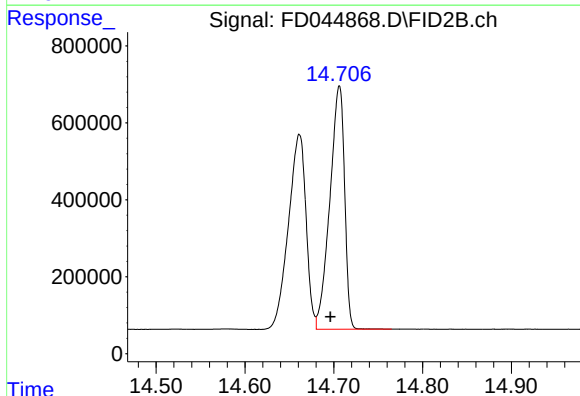
#13 Pyrene (C20.8)

R.T.: 12.796 min
Delta R.T.: 0.007 min
Response: 7625350
Conc: 50.68 ug/ml



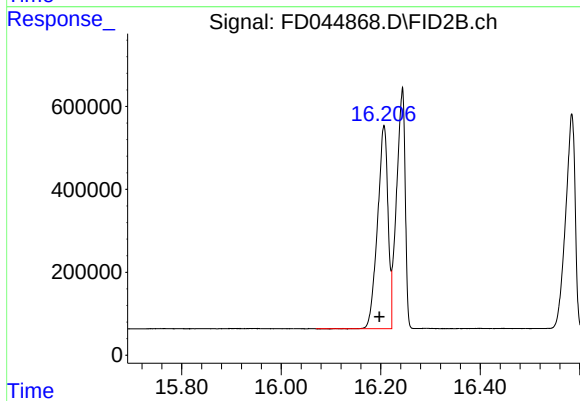
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.661 min
Delta R.T.: 0.008 min
Response: 6998476
Conc: 50.84 ug/ml



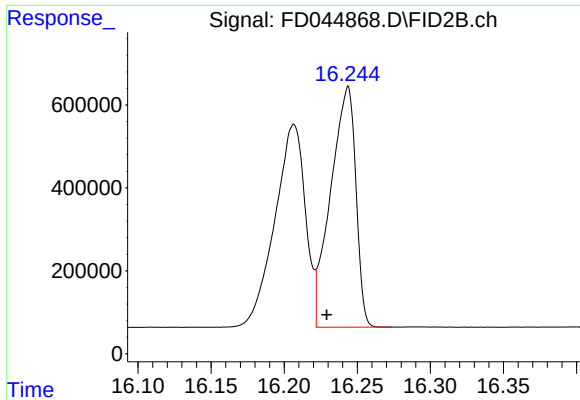
#15 Chrysene (C27.41)

R.T.: 14.706 min
Delta R.T.: 0.010 min
Response: 7290250
Conc: 51.00 ug/ml



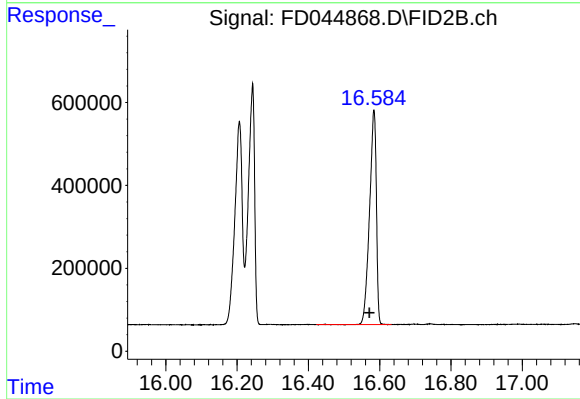
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.206 min
Delta R.T.: 0.009 min
Response: 7141011
Conc: 51.03 ug/ml



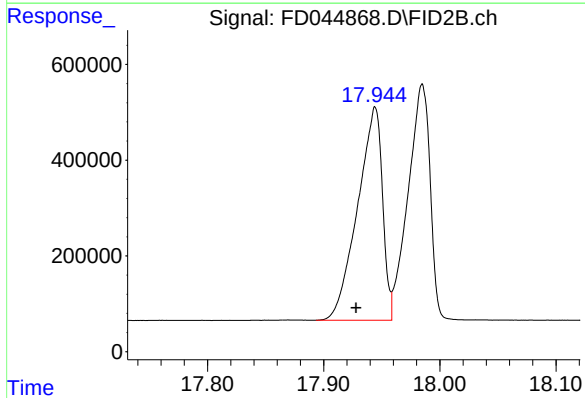
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: 0.014 min
Response: 6946928
Conc: 50.23 ug/ml



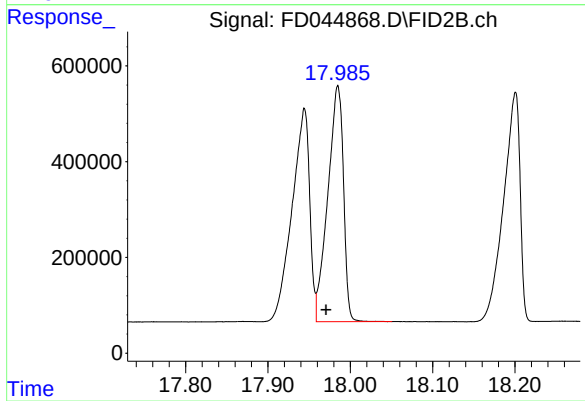
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.584 min
Delta R.T.: 0.012 min
Response: 6875750
Conc: 50.89 ug/ml



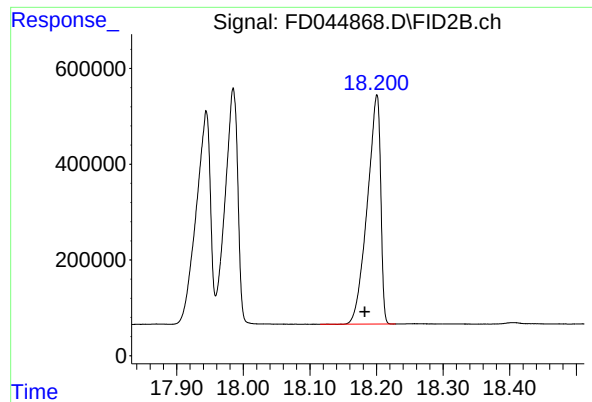
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.944 min
Delta R.T.: 0.016 min
Response: 6631232
Conc: 50.45 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.014 min
Response: 6508443
Conc: 50.92 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.018 min
Response: 6663931
Conc: 50.72 ug/ml