

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044891.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 23:17
 Operator : YP/AJ
 Sample : 01243-08MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:36:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.561	7071954	48.220 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
6) S 2-Fluorobiphenyl (SURR)	8.418	4828546	48.376 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.75%
11) S ortho-Terphenyl (SURR)	11.457	5795243	31.181 ug/ml
Spiked Amount 50.000		Recovery =	62.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.369	5344995	33.484 ug/ml
2) T Naphthalene (C11.7)	5.899	6016486	35.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.949	5990645	34.919 ug/ml
5) T Acenaphthylene (C15.06)	8.222	6603360	42.022 ug/ml
7) T Acenaphthene (C15.5)	8.518	6756428	40.636 ug/ml
8) T Fluorene (C16.55)	9.297	6872828	41.873 ug/ml
9) T Phenanthrene (C19.36)	10.688	7019039	43.412 ug/ml
10) T Anthracene (C19.43)	10.763	6978364	47.073 ug/ml
12) T Fluoranthene (C21.85)	12.494	7051897	44.063 ug/ml
13) T Pyrene (C20.8)	12.790	7023278	44.758 ug/ml
14) T Benzo[a]anthracene (C...	14.656	6645294	46.560 ug/ml
15) T Chrysene (C27.41)	14.699	6562431	44.322 ug/ml
16) T benzo[b]fluoranthene ...	16.199	6575377	45.326 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6209397	43.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5803718	41.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	6041025	44.891 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5787240	43.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	5981866	43.995 ug/ml

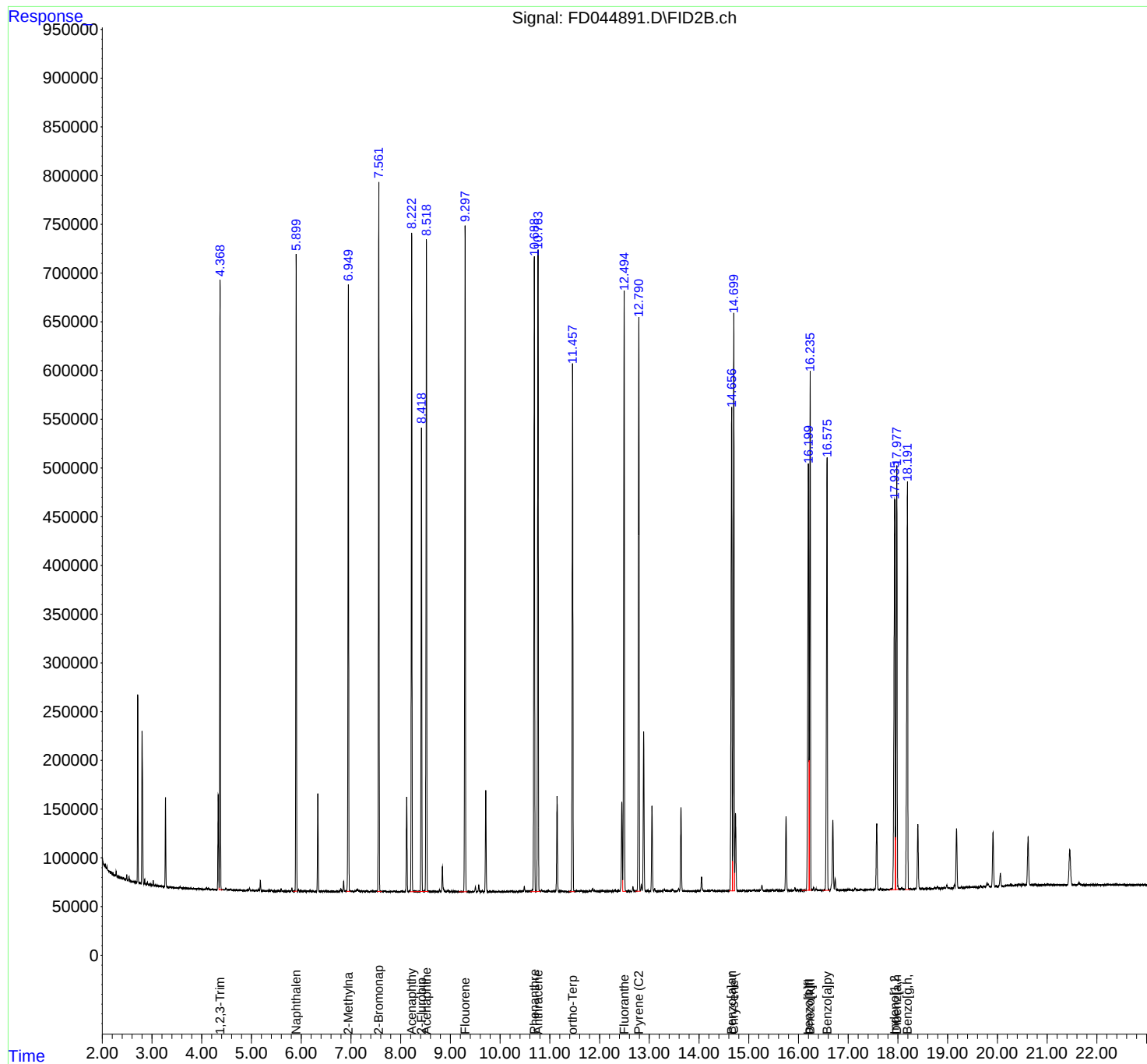
(f)=RT Delta > 1/2 Window

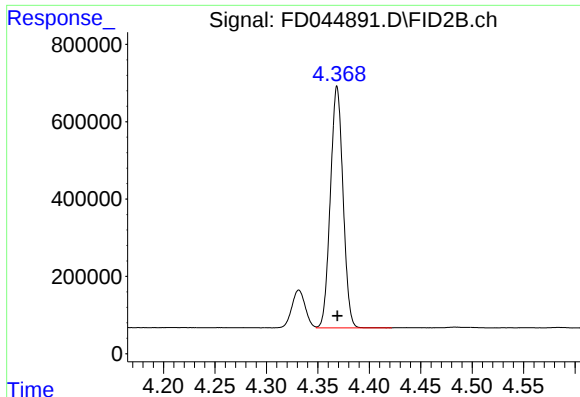
(m)=manual int.

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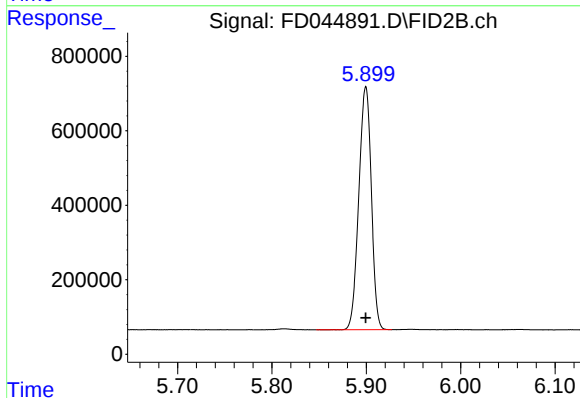
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Signal Info : 20M x 0.18mm x 0.18µm





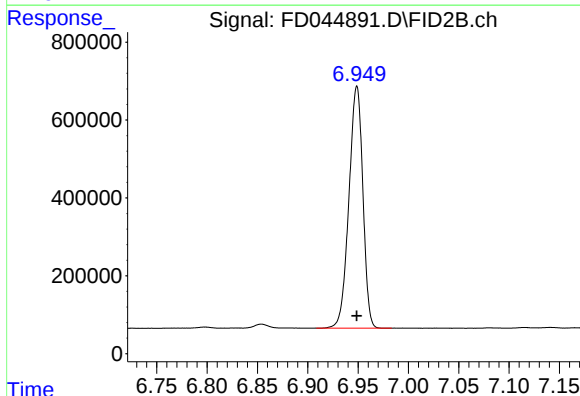
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 5344995
Conc: 33.48 ug/ml



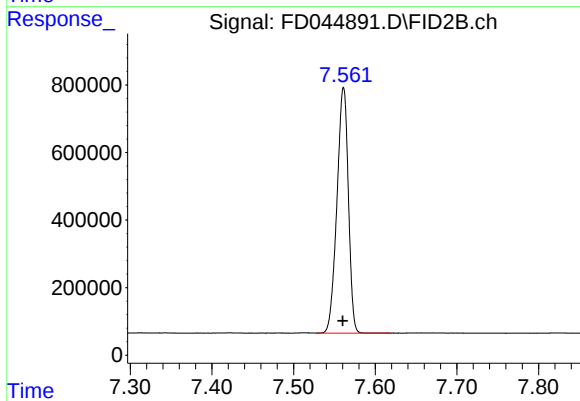
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 6016486
Conc: 35.51 ug/ml



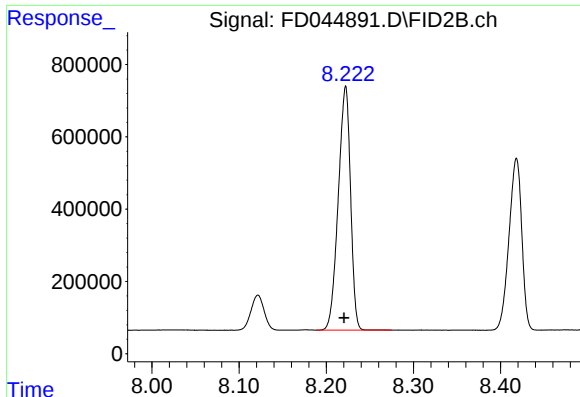
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 5990645
Conc: 34.92 ug/ml



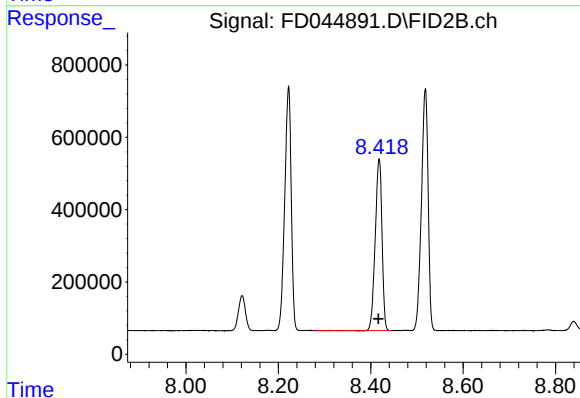
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 7071954
Conc: 48.22 ug/ml



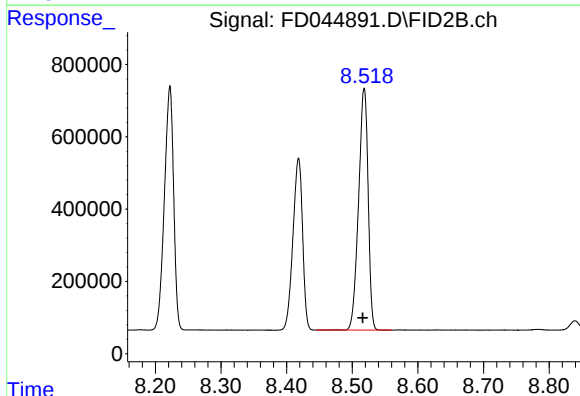
#5 Acenaphthylene (C15.06)

R.T.: 8.222 min
Delta R.T.: 0.002 min
Response: 6603360
Conc: 42.02 ug/ml



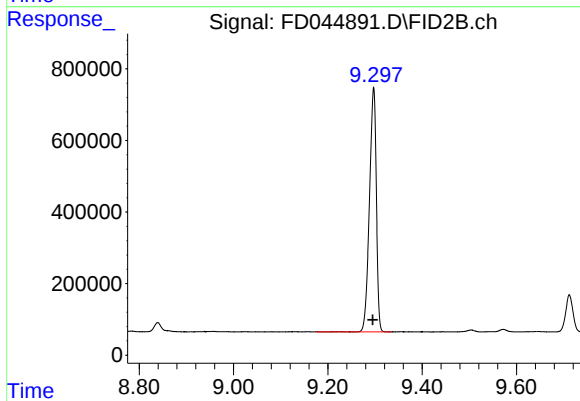
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.001 min
Response: 4828546
Conc: 48.38 ug/ml



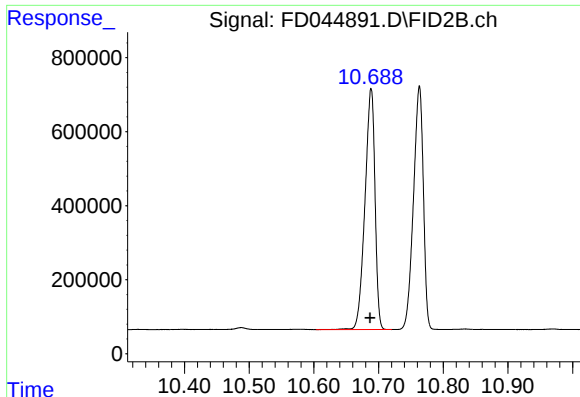
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 6756428
Conc: 40.64 ug/ml



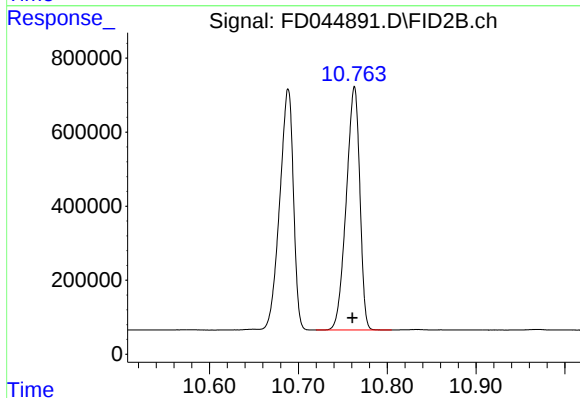
#8 Fluorene (C16.55)

R.T.: 9.297 min
Delta R.T.: 0.002 min
Response: 6872828
Conc: 41.87 ug/ml



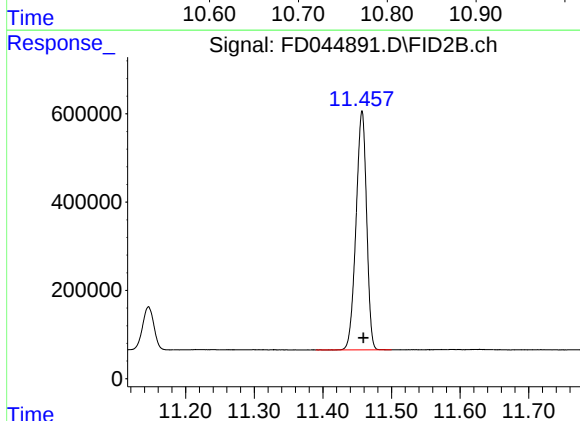
#9 Phenanthrene (C19.36)

R.T.: 10.688 min
Delta R.T.: 0.000 min
Response: 7019039
Conc: 43.41 ug/ml



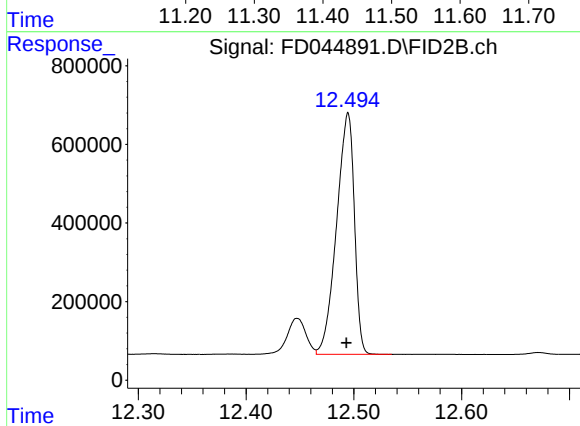
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.002 min
Response: 6978364
Conc: 47.07 ug/ml



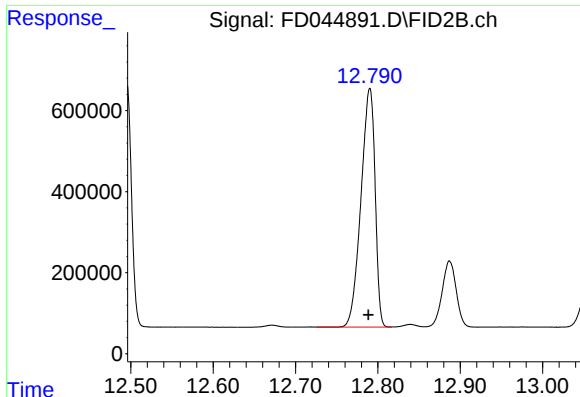
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.002 min
Response: 5795243
Conc: 31.18 ug/ml



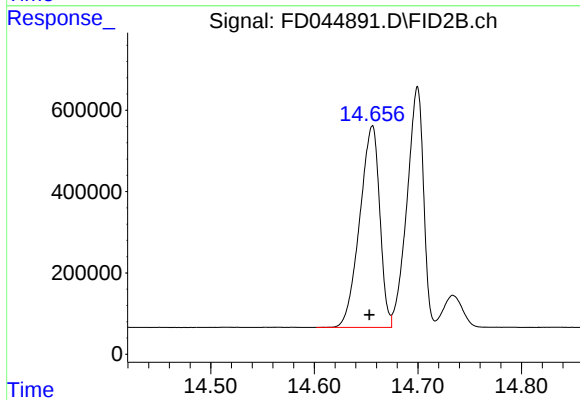
#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 7051897
Conc: 44.06 ug/ml



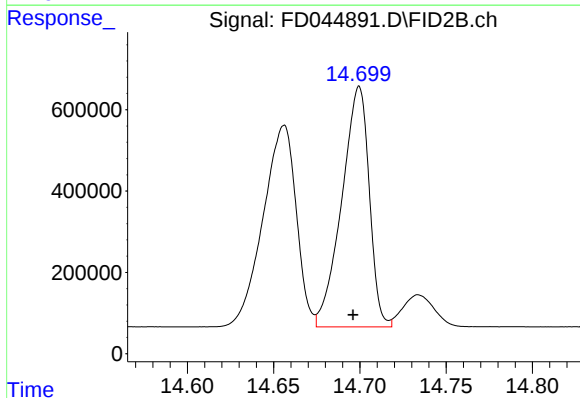
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: 0.001 min
Response: 7023278
Conc: 44.76 ug/ml



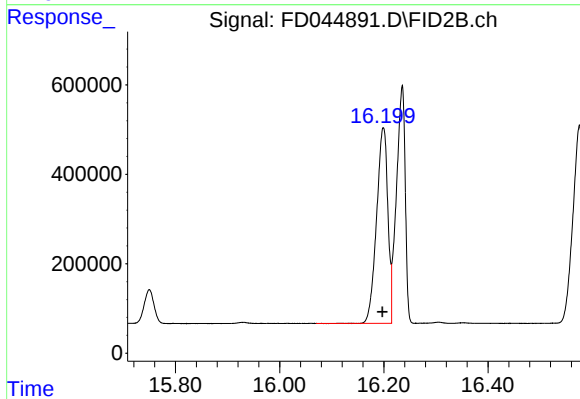
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.656 min
Delta R.T.: 0.002 min
Response: 6645294
Conc: 46.56 ug/ml



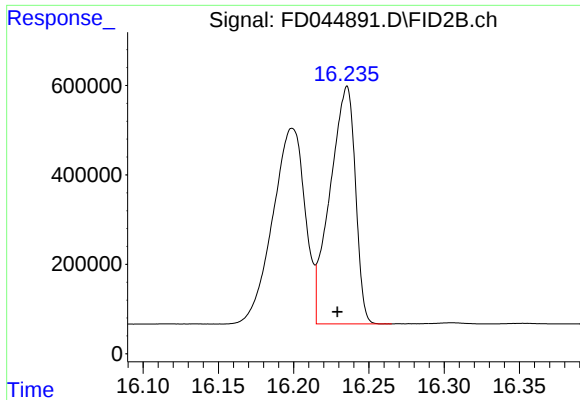
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 6562431
Conc: 44.32 ug/ml



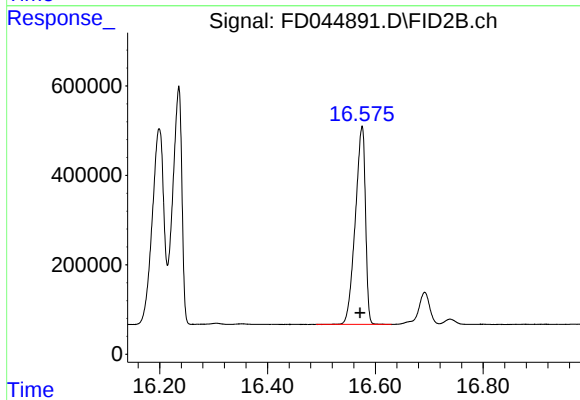
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6575377
Conc: 45.33 ug/ml



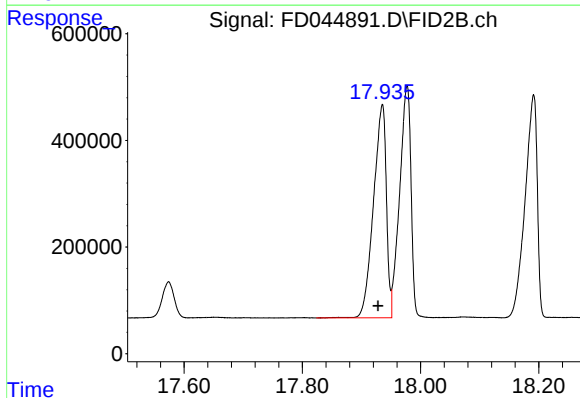
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.235 min
Delta R.T.: 0.006 min
Response: 6209397
Conc: 43.55 ug/ml



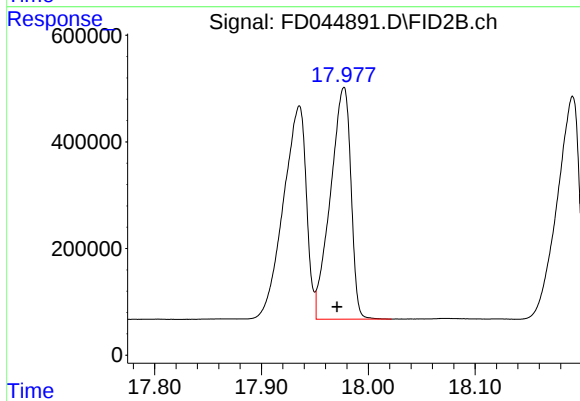
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 5803718
Conc: 41.53 ug/ml



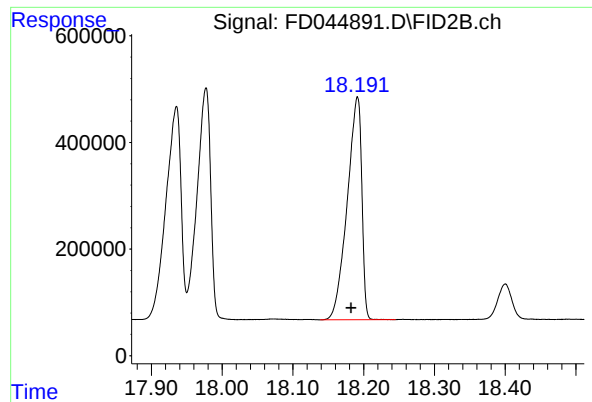
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.007 min
Response: 6041025
Conc: 44.89 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.006 min
Response: 5787240
Conc: 43.67 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.008 min
Response: 5981866
Conc: 44.00 ug/ml