

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044883.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 17:36
 Operator : YP/AJ
 Sample : PB150421BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:35:18 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...	7.560	6738944	45.949 ug/ml
Spiked Amount 50.000		Recovery =	91.90%
6) S 2-Fluorobiphenyl (SURR)	8.417	4579897	45.885 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.77%
11) S ortho-Terphenyl (SURR)	11.458	6949594	37.392 ug/ml
Spiked Amount 50.000		Recovery =	74.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	5149166	32.257 ug/ml
2) T Naphthalene (C11.7)	5.899	5774894	34.084 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5711153	33.290 ug/ml
5) T Acenaphthylene (C15.06)	8.221	6168904	39.257 ug/ml
7) T Acenaphthene (C15.5)	8.517	6156473	37.027 ug/ml
8) T Fluorene (C16.55)	9.295	6337811	38.613 ug/ml
9) T Phenanthrene (C19.36)	10.688	6646338	41.107 ug/ml
10) T Anthracene (C19.43)	10.762	6606496	44.564 ug/ml
12) T Fluoranthene (C21.85)	12.494	6836581	42.717 ug/ml
13) T Pyrene (C20.8)	12.790	6807375	43.382 ug/ml
14) T Benzo[a]anthracene (C...	14.656	6500452	45.546 ug/ml
15) T Chrysene (C27.41)	14.700	7263732	49.058 ug/mlm
16) T benzo[b]fluoranthene ...	16.200	6407877	44.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.235	6018446	42.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	5683445	40.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	6024470	44.768 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5516830	41.631 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	5871912	43.186 ug/ml

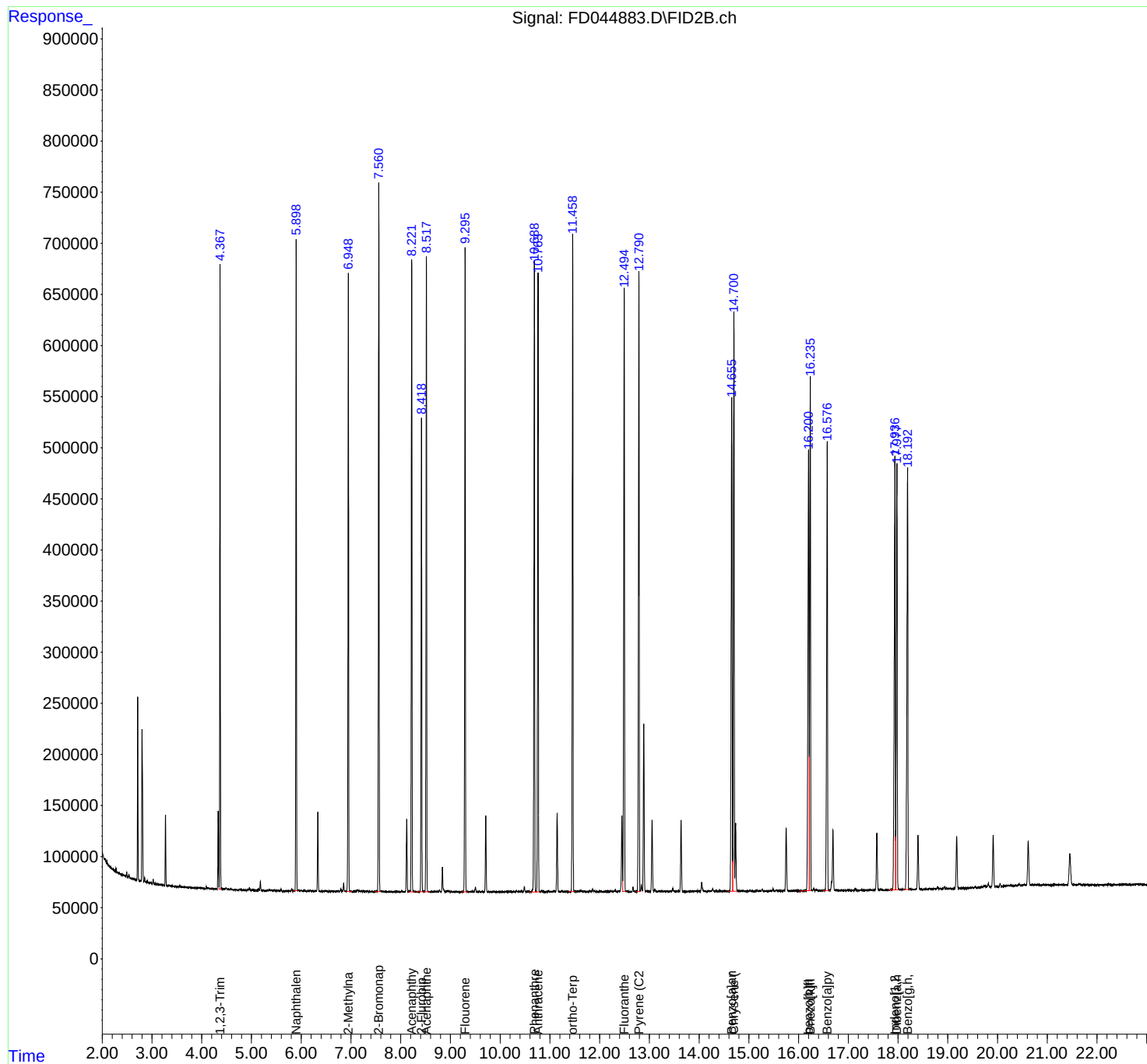
(f)=RT Delta > 1/2 Window

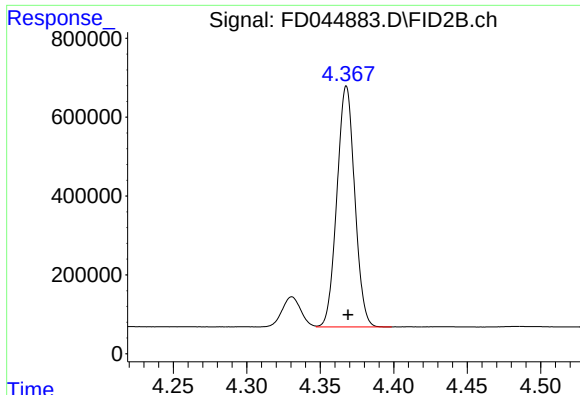
(m)=manual int.

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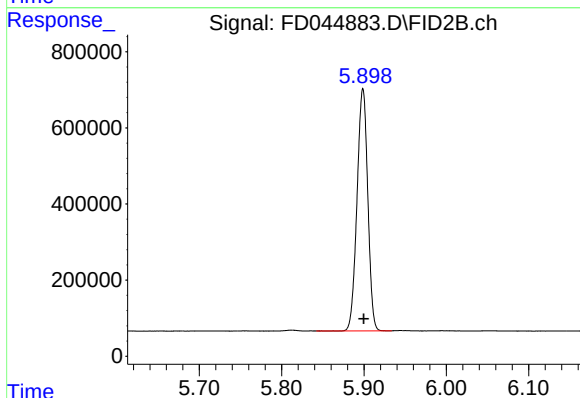
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Signal Info : 20M x 0.18mm x 0.18µm





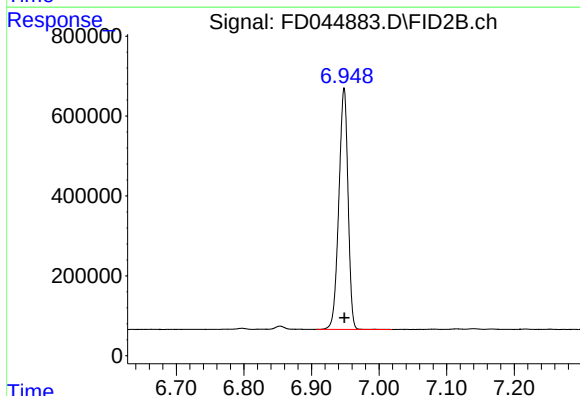
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 5149166
Conc: 32.26 ug/ml



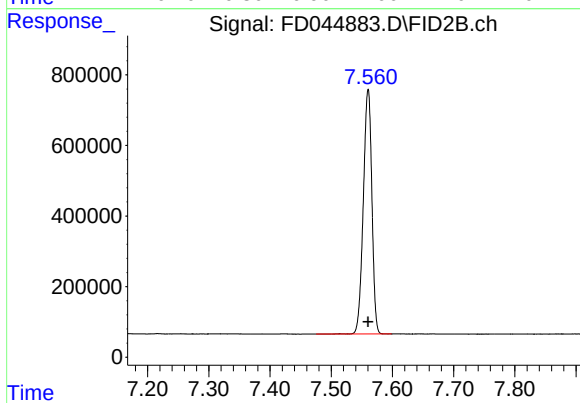
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: -0.001 min
Response: 5774894
Conc: 34.08 ug/ml



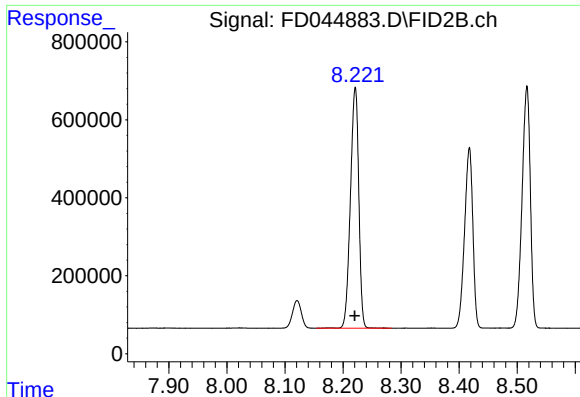
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 5711153
Conc: 33.29 ug/ml



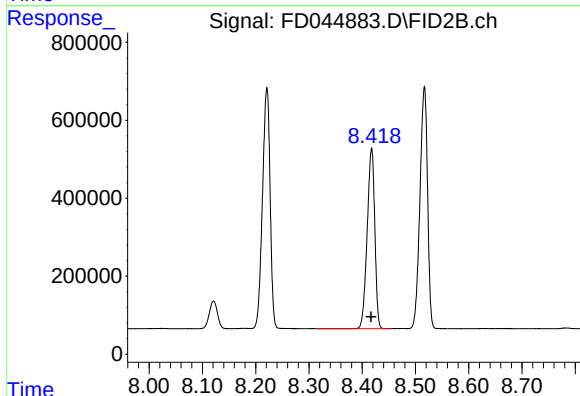
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 6738944
Conc: 45.95 ug/ml



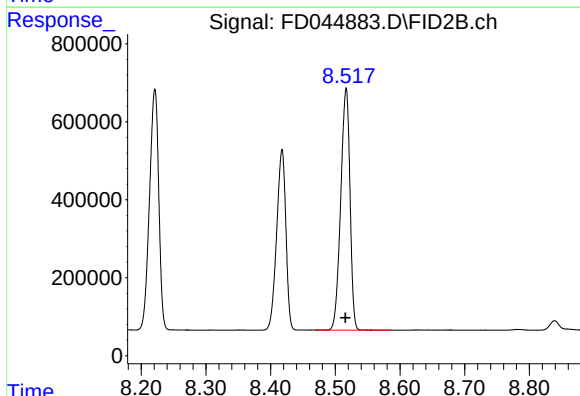
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 6168904
Conc: 39.26 ug/ml



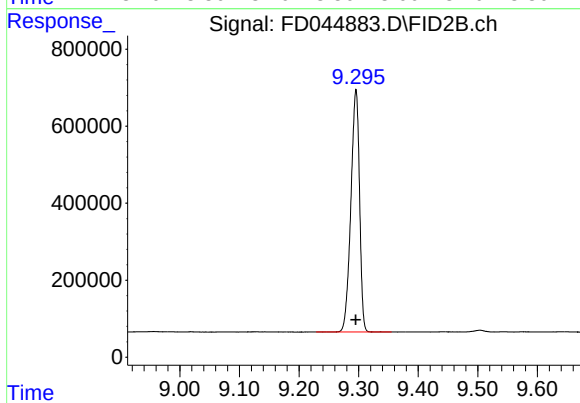
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4579897
Conc: 45.88 ug/ml



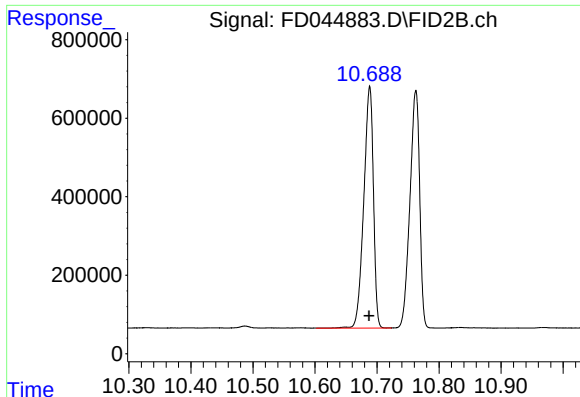
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6156473
Conc: 37.03 ug/ml



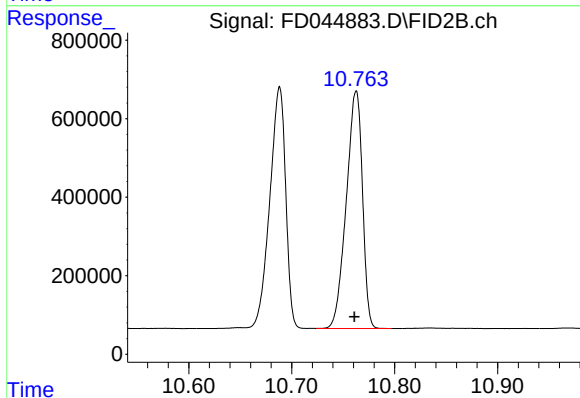
#8 Fluorene (C16.55)

R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 6337811
Conc: 38.61 ug/ml



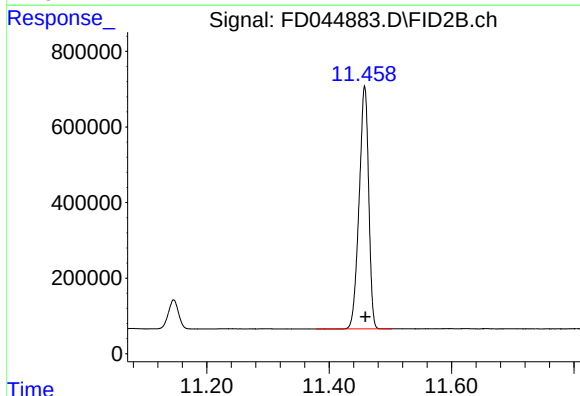
#9 Phenanthrene (C19.36)

R.T.: 10.688 min
Delta R.T.: 0.000 min
Response: 6646338
Conc: 41.11 ug/ml



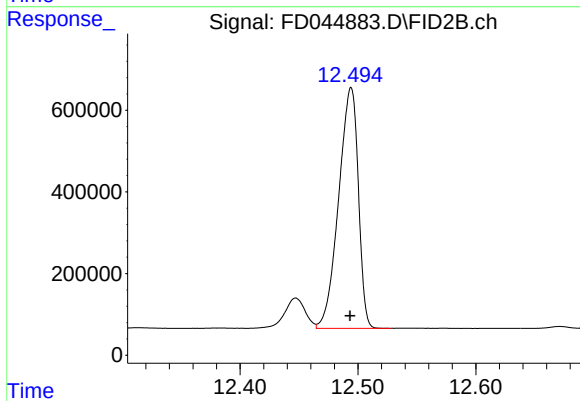
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: 0.001 min
Response: 6606496
Conc: 44.56 ug/ml



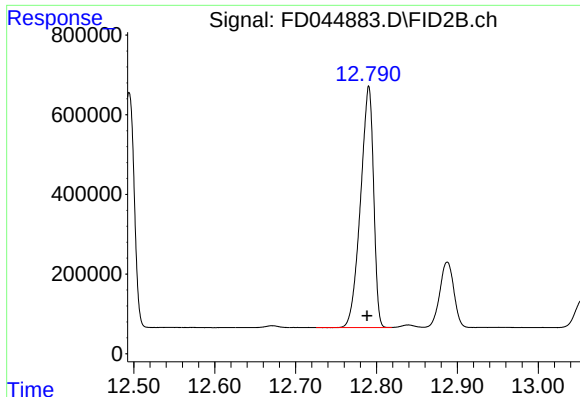
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: -0.001 min
Response: 6949594
Conc: 37.39 ug/ml



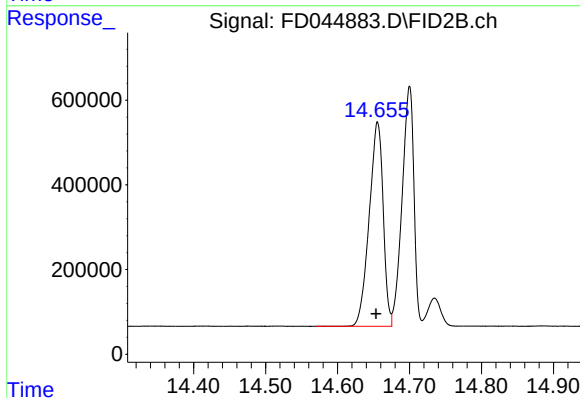
#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 6836581
Conc: 42.72 ug/ml



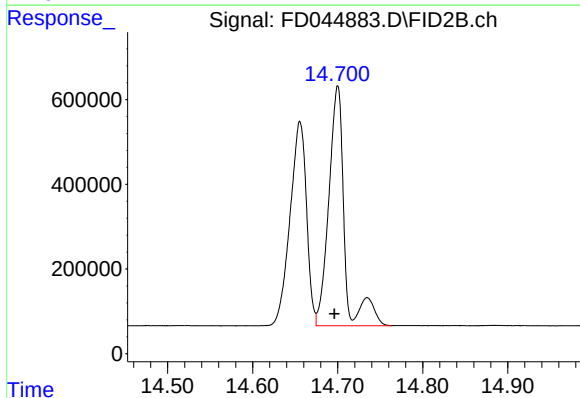
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: 0.002 min
Response: 6807375
Conc: 43.38 ug/ml



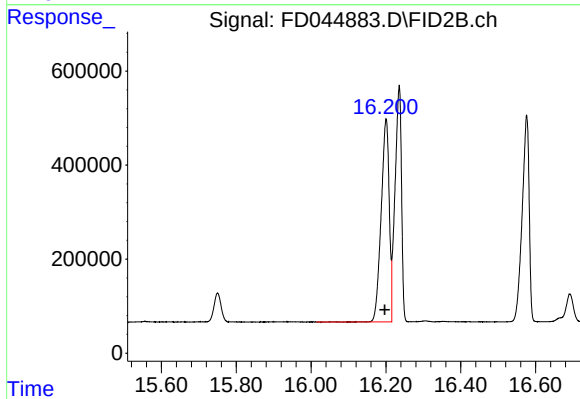
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.656 min
Delta R.T.: 0.002 min
Response: 6500452
Conc: 45.55 ug/ml



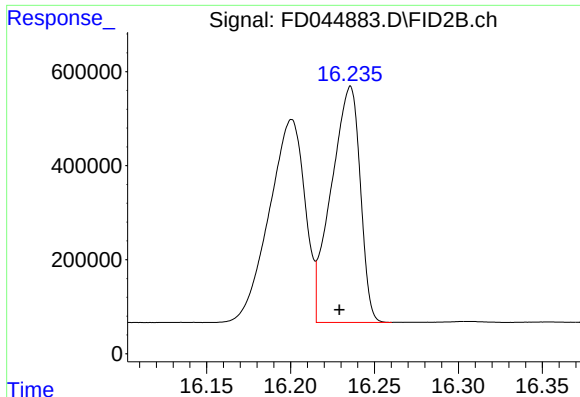
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 7263732
Conc: 49.06 ug/ml m



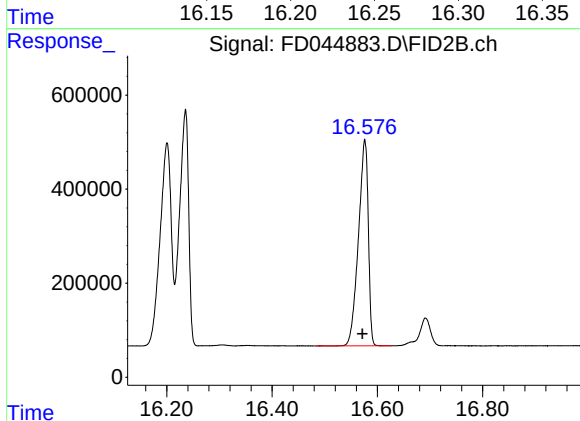
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 6407877
Conc: 44.17 ug/ml



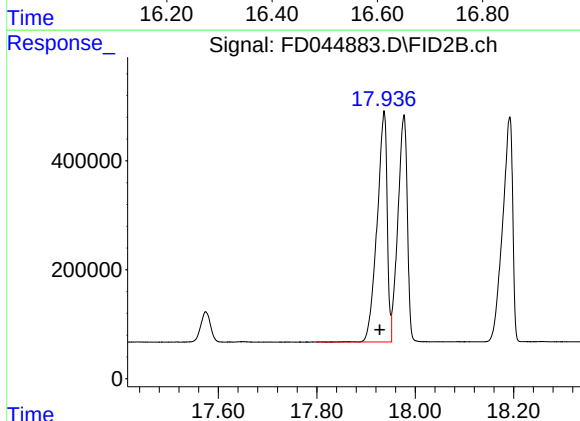
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.235 min
Delta R.T.: 0.006 min
Response: 6018446
Conc: 42.21 ug/ml



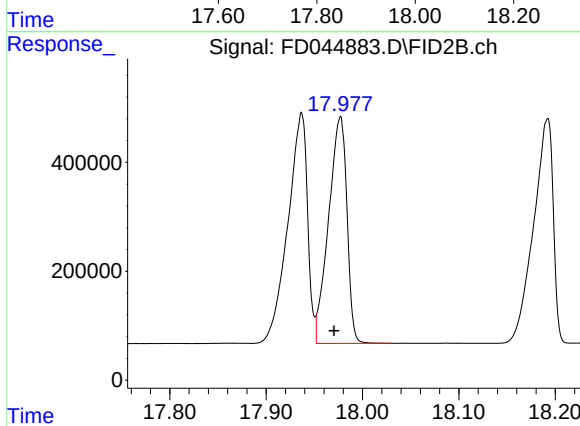
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.004 min
Response: 5683445
Conc: 40.67 ug/ml



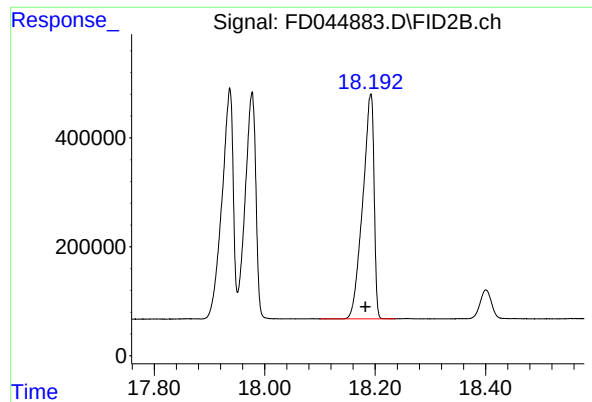
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.008 min
Response: 6024470
Conc: 44.77 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.006 min
Response: 5516830
Conc: 41.63 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.009 min
Response: 5871912
Conc: 43.19 ug/ml