

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044890.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 22:36
 Operator : YP/AJ
 Sample : 01243-08MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:36:16 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	6959662	47.454 ug/ml
Spiked Amount 50.000		Recovery =	94.91%
6) S 2-Fluorobiphenyl (SURR)	8.418	4747969	47.569 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.14%
11) S ortho-Terphenyl (SURR)	11.456	5663634	30.473 ug/ml
Spiked Amount 50.000		Recovery =	60.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	5252531	32.905 ug/ml
2) T Naphthalene (C11.7)	5.899	5922538	34.955 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	5897986	34.379 ug/ml
5) T Acenaphthylene (C15.06)	8.222	6493081	41.320 ug/ml
7) T Acenaphthene (C15.5)	8.518	6644636	39.963 ug/ml
8) T Fluorene (C16.55)	9.295	6738368	41.054 ug/ml
9) T Phenanthrene (C19.36)	10.687	6856190	42.405 ug/ml
10) T Anthracene (C19.43)	10.763	6803393	45.892 ug/ml
12) T Fluoranthene (C21.85)	12.494	6837571	42.723 ug/ml
13) T Pyrene (C20.8)	12.790	6801756	43.347 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6392717	44.791 ug/ml
15) T Chrysene (C27.41)	14.699	6311296	42.626 ug/ml
16) T benzo[b]fluoranthene ...	16.200	6360756	43.846 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	5976636	41.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5599856	40.074 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	5825192	43.287 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5614232	42.366 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	5825987	42.849 ug/ml

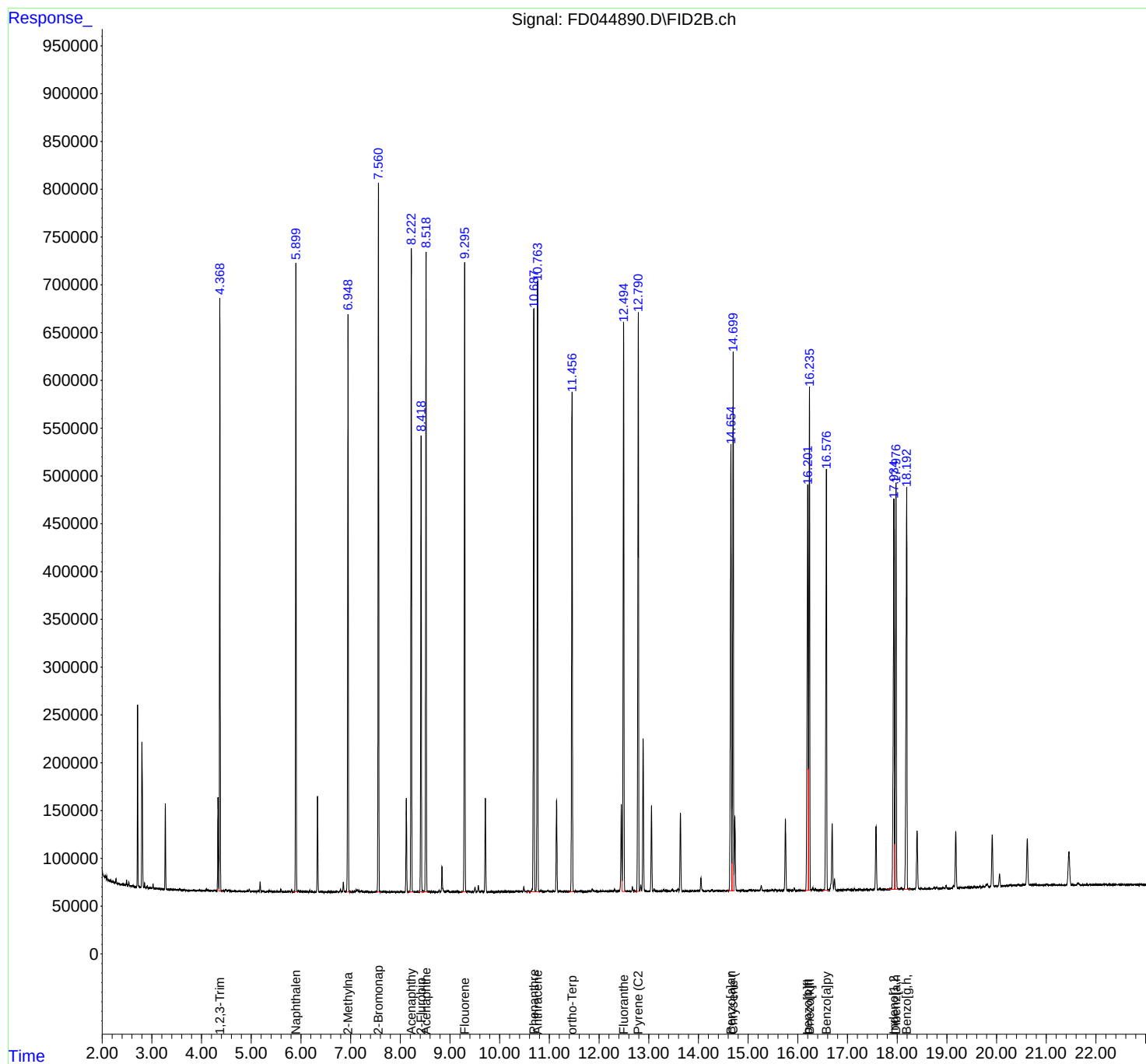
(f)=RT Delta > 1/2 Window

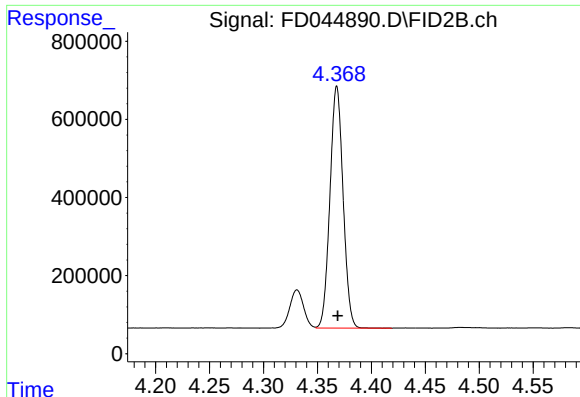
(m)=manual int.

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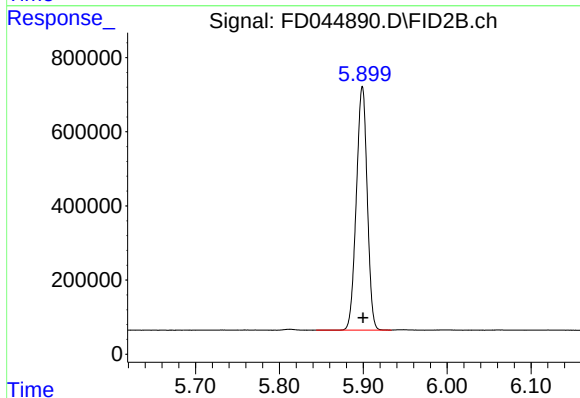
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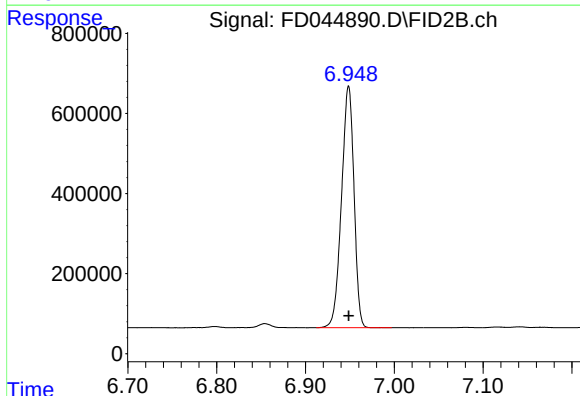
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 5252531
Conc: 32.90 ug/ml



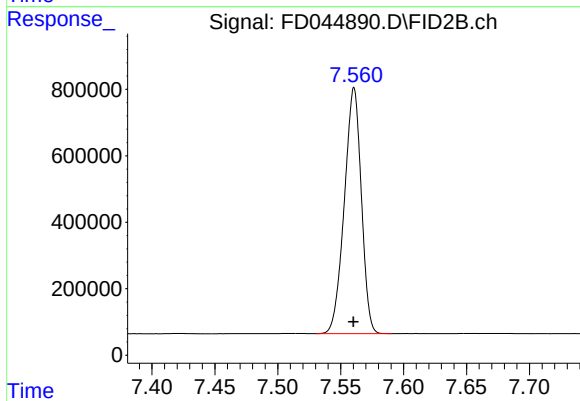
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 5922538
Conc: 34.96 ug/ml



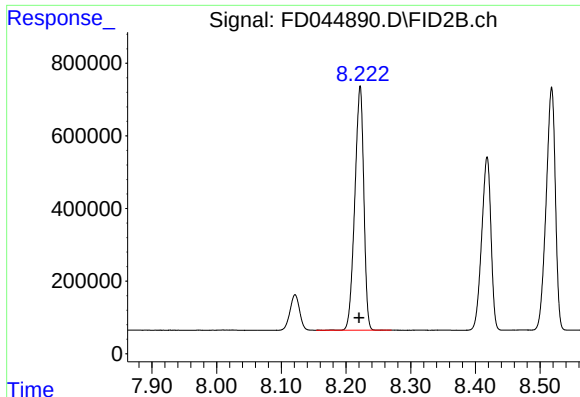
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 5897986
Conc: 34.38 ug/ml



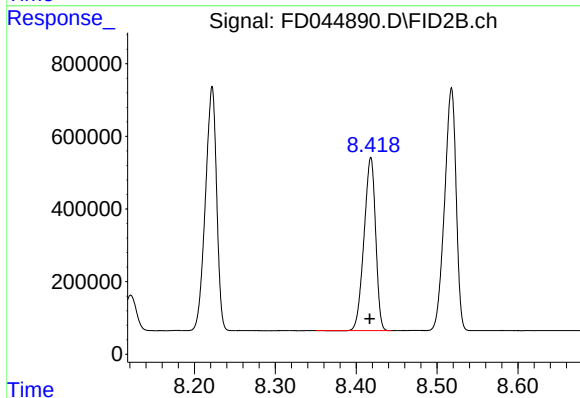
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 6959662
Conc: 47.45 ug/ml



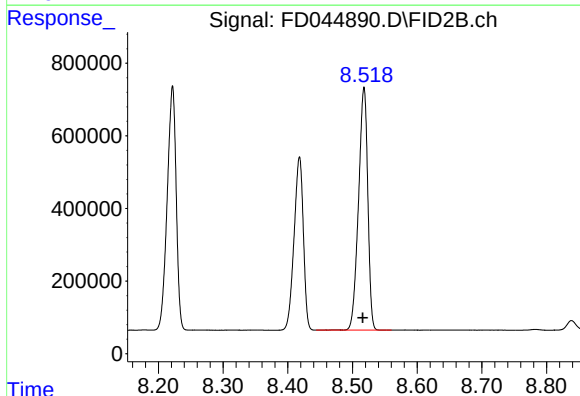
#5 Acenaphthylene (C15.06)

R.T.: 8.222 min
Delta R.T.: 0.001 min
Response: 6493081
Conc: 41.32 ug/ml



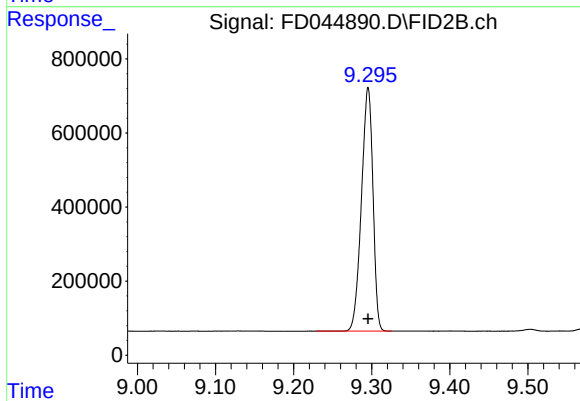
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.001 min
Response: 4747969
Conc: 47.57 ug/ml



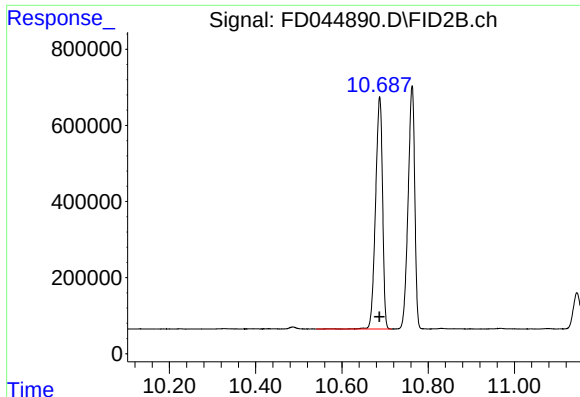
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 6644636
Conc: 39.96 ug/ml



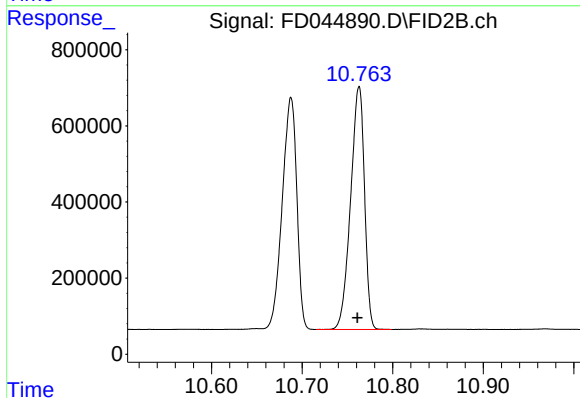
#8 Fluorene (C16.55)

R.T.: 9.295 min
Delta R.T.: 0.000 min
Response: 6738368
Conc: 41.05 ug/ml



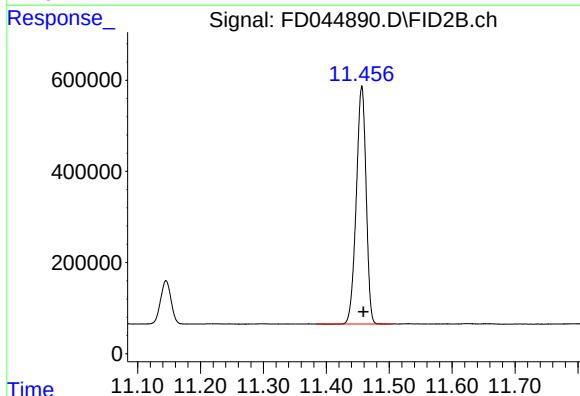
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: 0.000 min
Response: 6856190
Conc: 42.41 ug/ml



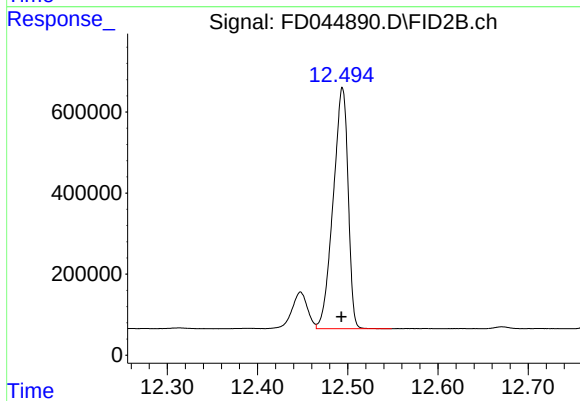
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.002 min
Response: 6803393
Conc: 45.89 ug/ml



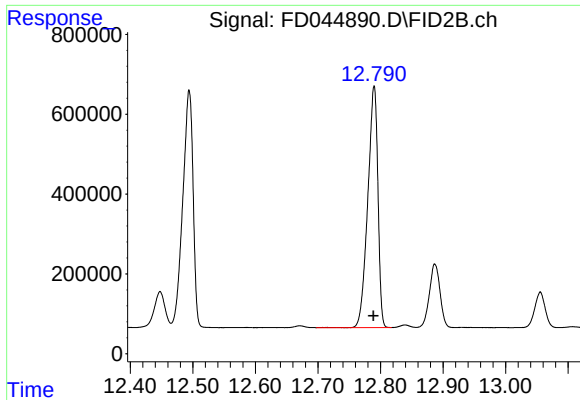
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 5663634
Conc: 30.47 ug/ml



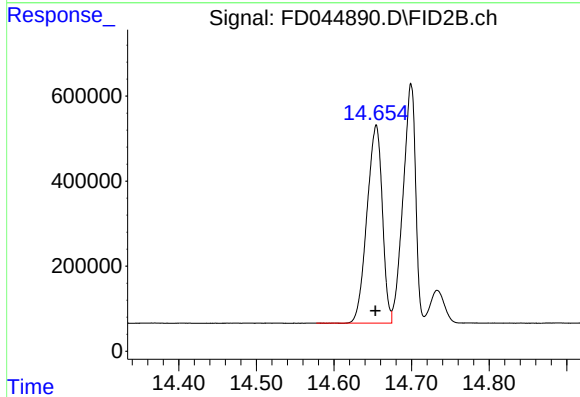
#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 6837571
Conc: 42.72 ug/ml



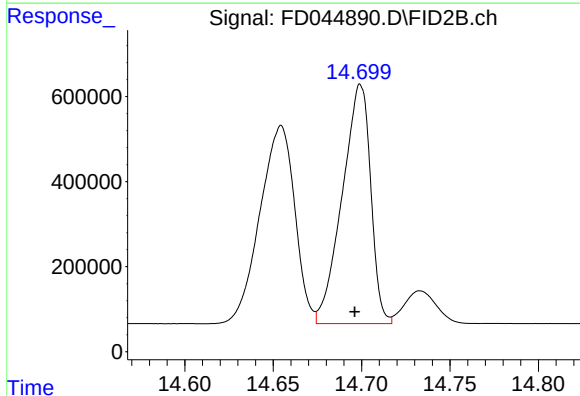
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: 0.001 min
Response: 6801756
Conc: 43.35 ug/ml



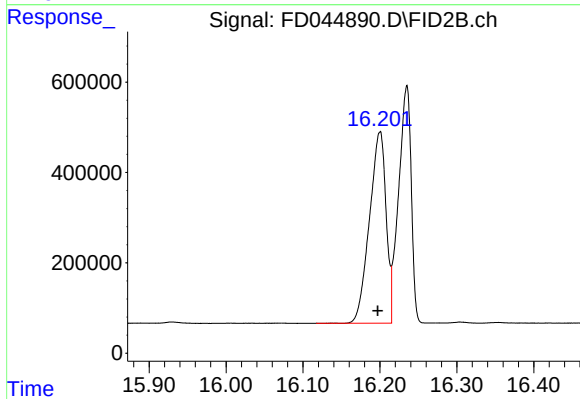
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6392717
Conc: 44.79 ug/ml



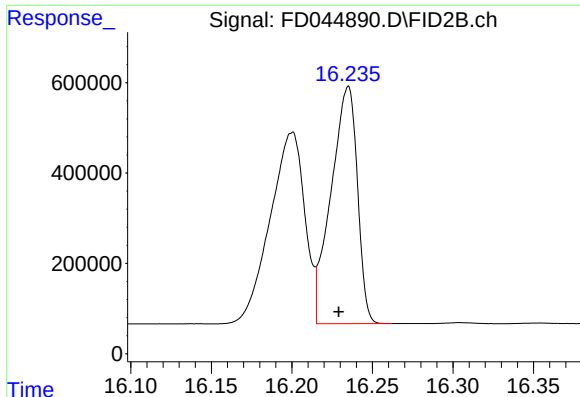
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 6311296
Conc: 42.63 ug/ml



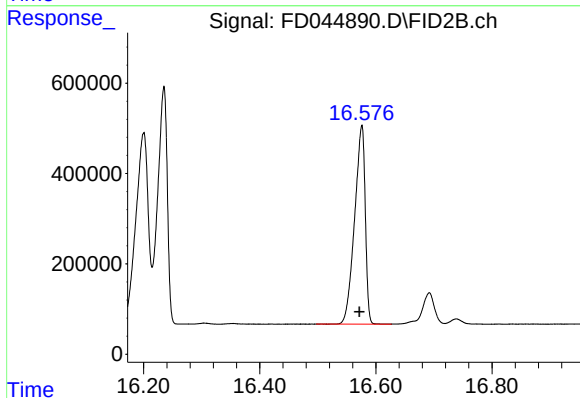
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 6360756
Conc: 43.85 ug/ml



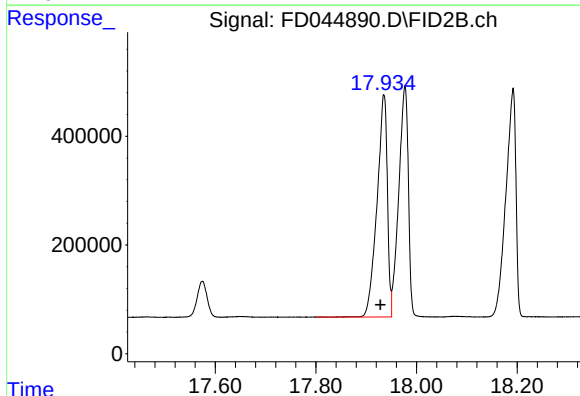
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.234 min
Delta R.T.: 0.005 min
Response: 5976636
Conc: 41.92 ug/ml



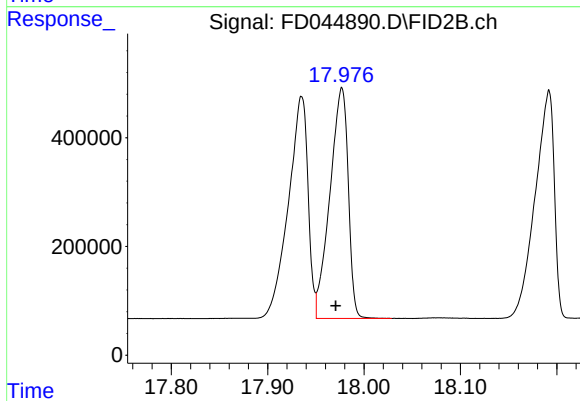
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 5599856
Conc: 40.07 ug/ml



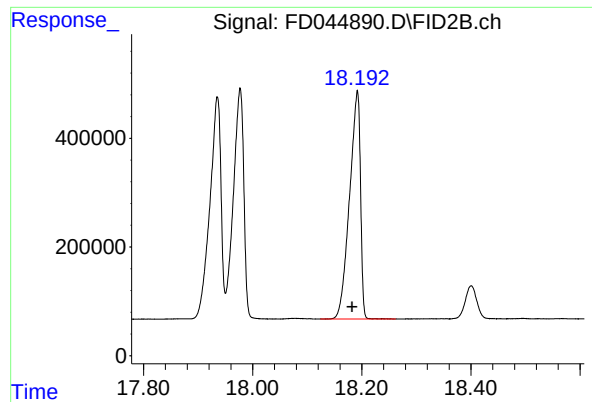
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.007 min
Response: 5825192
Conc: 43.29 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.006 min
Response: 5614232
Conc: 42.37 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.009 min
Response: 5825987
Conc: 42.85 ug/ml