

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044896.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jan 2023 03:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 04:01:20 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...	7.559	3070577	20.937 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
6) S 2-Fluorobiphenyl (SURR)	8.415	2081421	20.853 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.71%
11) S ortho-Terphenyl (SURR)	11.456	3875237	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	3318511	20.789 ug/ml
2) T Naphthalene (C11.7)	5.899	3550200	20.953 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	3566174	20.787 ug/ml
5) T Acenaphthylene (C15.06)	8.219	3289143	20.931 ug/ml
7) T Acenaphthene (C15.5)	8.515	3484959	20.960 ug/ml
8) T Fluorene (C16.55)	9.293	3433101	20.916 ug/ml
9) T Phenanthrene (C19.36)	10.685	3414884	21.121 ug/ml
10) T Anthracene (C19.43)	10.758	3139363	21.177 ug/ml
12) T Fluoranthene (C21.85)	12.489	3367961	21.044 ug/ml
13) T Pyrene (C20.8)	12.784	3285957	20.941 ug/ml
14) T Benzo[a]anthracene (C...	14.649	2965291	20.776 ug/ml
15) T Chrysene (C27.41)	14.692	3083994	20.829 ug/ml
16) T benzo[b]fluoranthene ...	16.192	3026771	20.864 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	2997294	21.023 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2925097	20.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2872379	21.345 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2859712	21.580 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	2875663	21.150 ug/ml

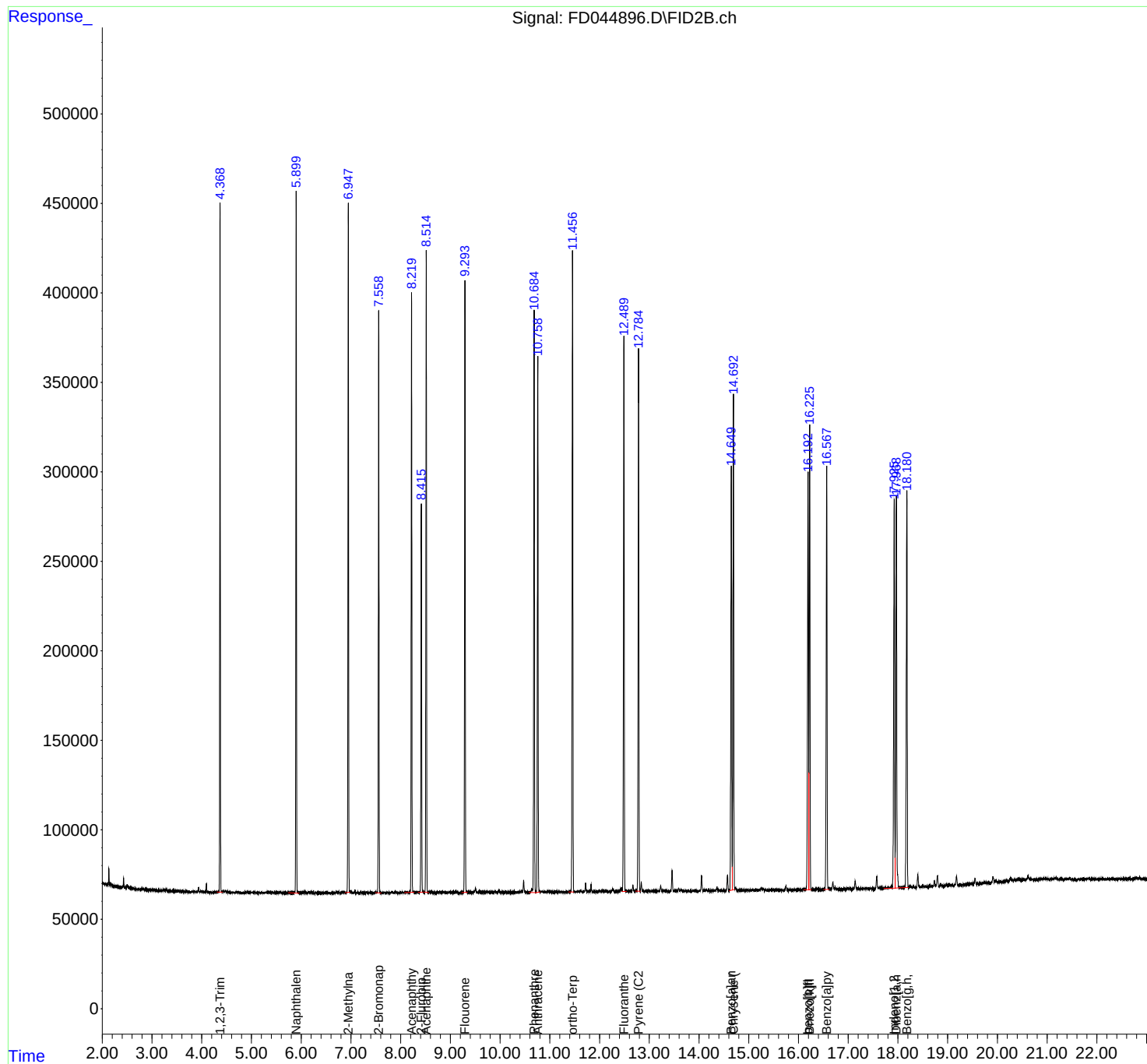
(f)=RT Delta > 1/2 Window

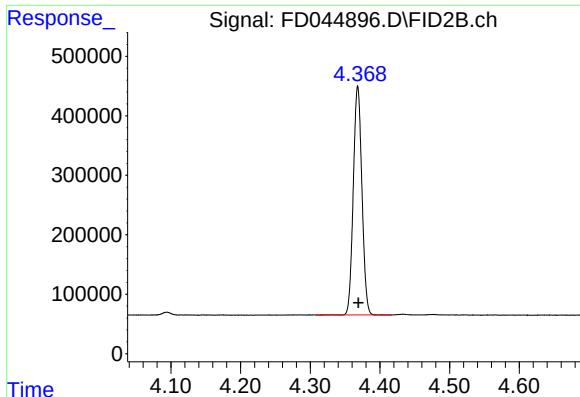
(m)=manual int.

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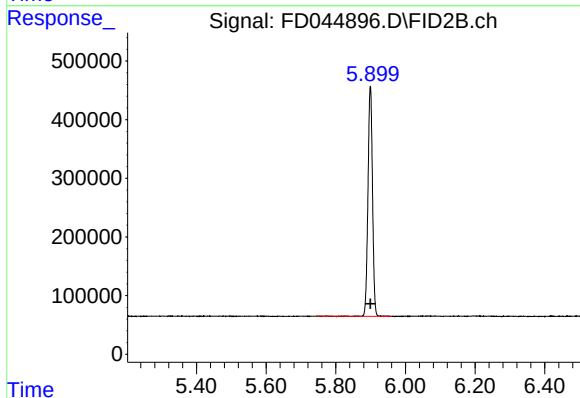
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Signal Info : 20M x 0.18mm x 0.18µm





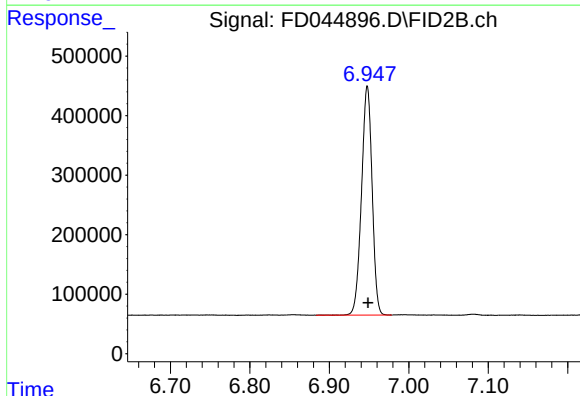
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 3318511
Conc: 20.79 ug/ml



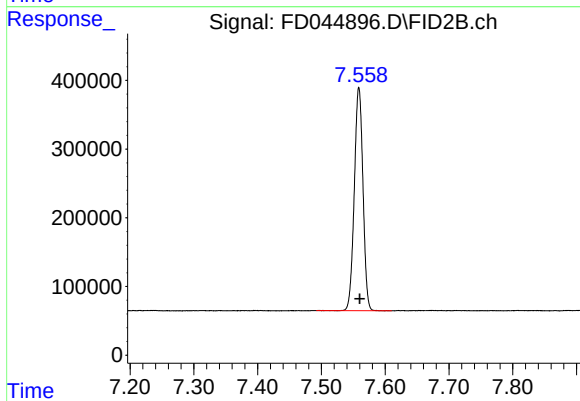
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 3550200
Conc: 20.95 ug/ml



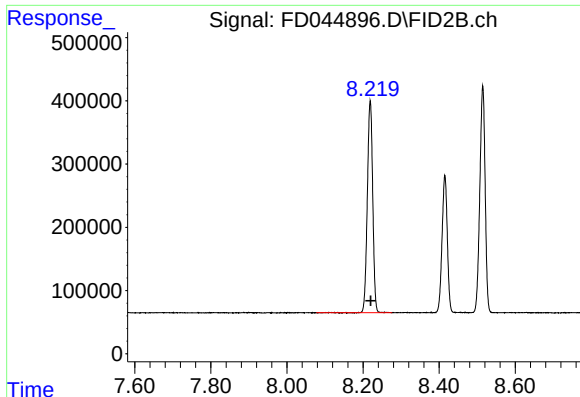
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 3566174
Conc: 20.79 ug/ml



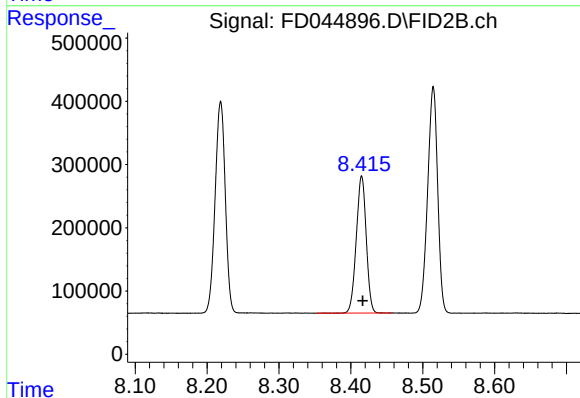
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 3070577
Conc: 20.94 ug/ml



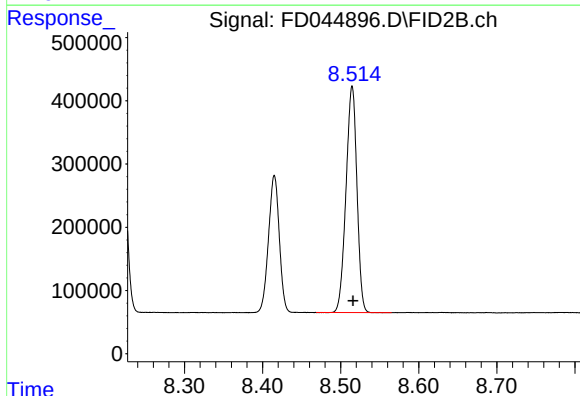
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 3289143
Conc: 20.93 ug/ml



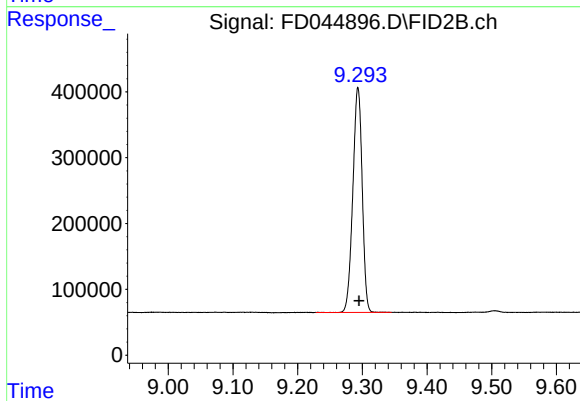
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 2081421
Conc: 20.85 ug/ml



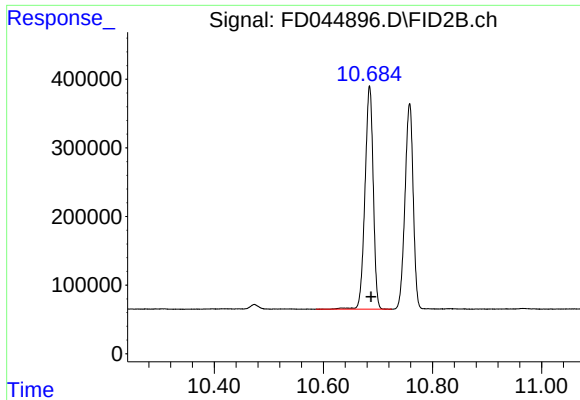
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 3484959
Conc: 20.96 ug/ml



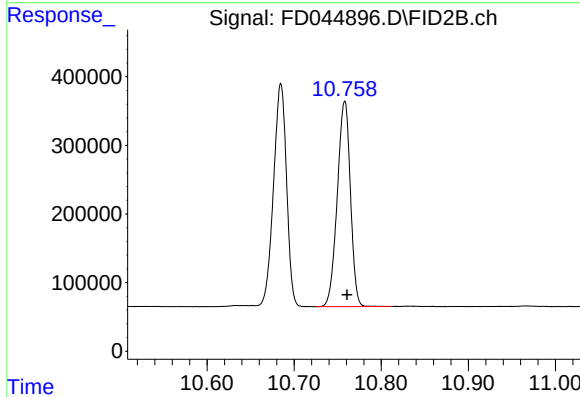
#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 3433101
Conc: 20.92 ug/ml



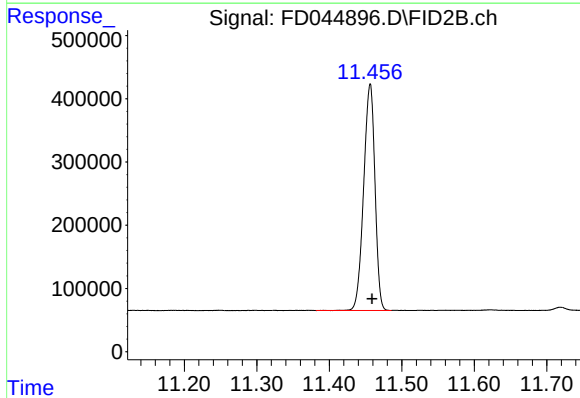
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.003 min
Response: 3414884
Conc: 21.12 ug/ml



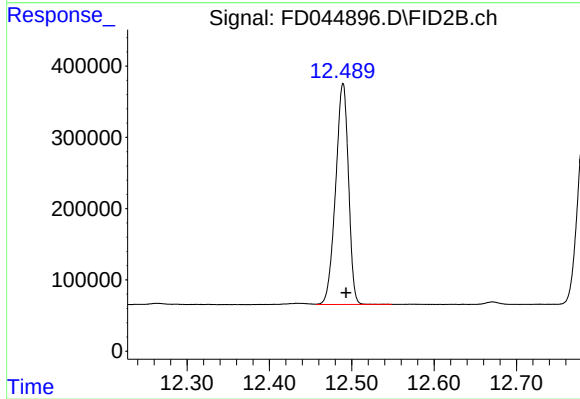
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 3139363
Conc: 21.18 ug/ml



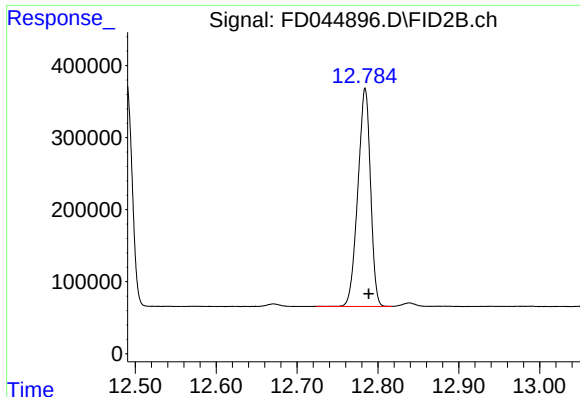
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 3875237
Conc: 20.85 ug/ml



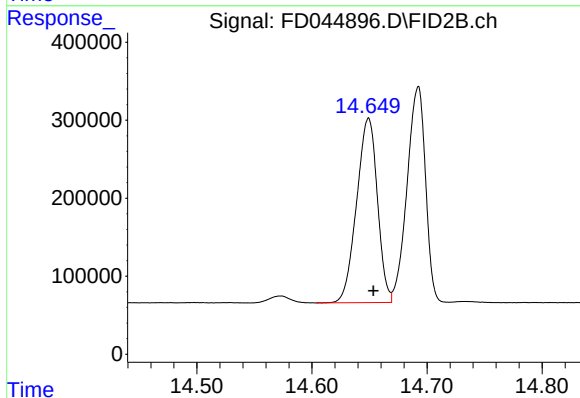
#12 Fluoranthene (C21.85)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3367961
Conc: 21.04 ug/ml



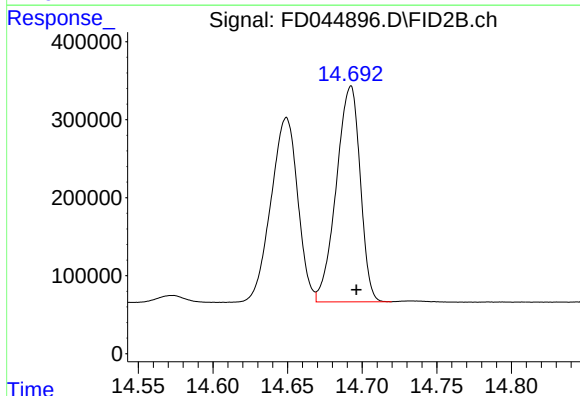
#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: -0.004 min
Response: 3285957
Conc: 20.94 ug/ml



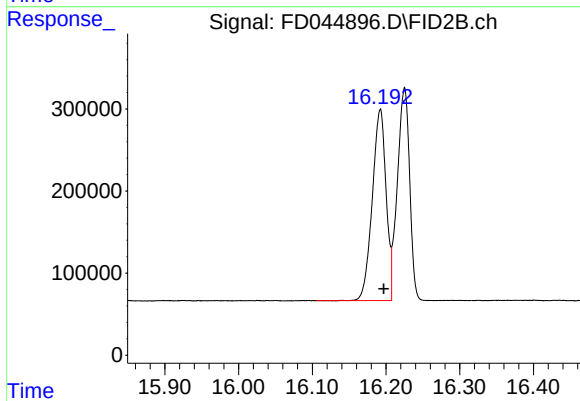
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.004 min
Response: 2965291
Conc: 20.78 ug/ml



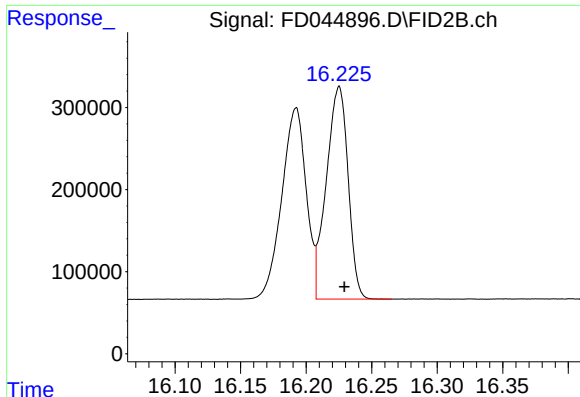
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.004 min
Response: 3083994
Conc: 20.83 ug/ml



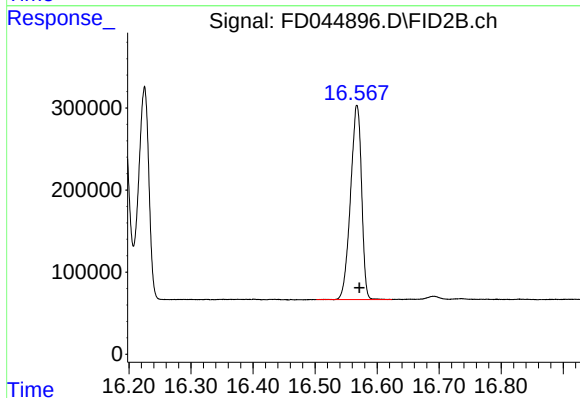
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 3026771
Conc: 20.86 ug/ml



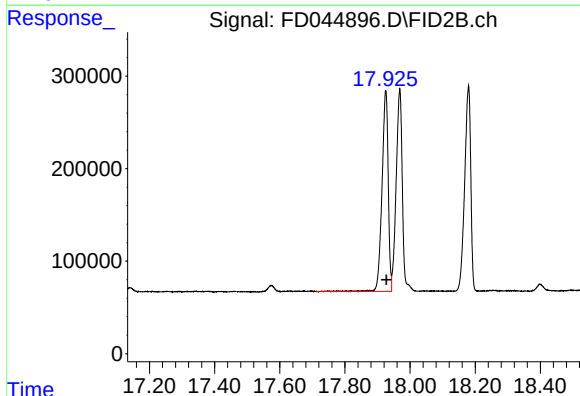
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 2997294
Conc: 21.02 ug/ml



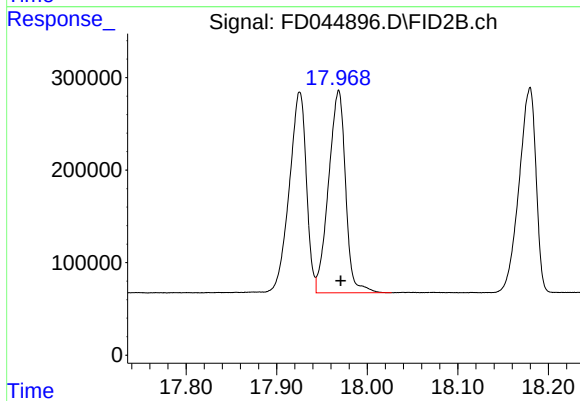
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 2925097
Conc: 20.93 ug/ml



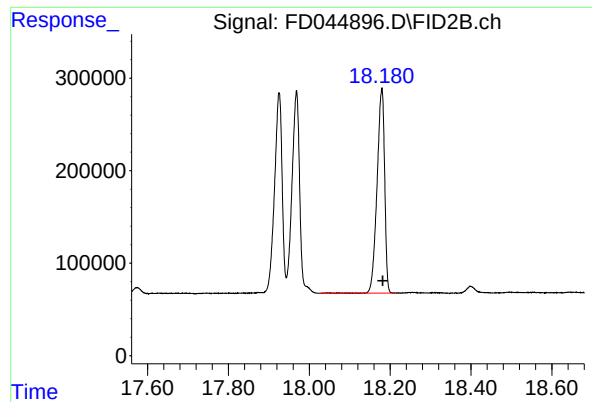
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2872379
Conc: 21.34 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.003 min
Response: 2859712
Conc: 21.58 ug/ml



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

R.T.: 18.179 min
Delta R.T.: -0.003 min
Response: 2875663
Conc: 21.15 ug/ml