

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012523AR\
 Data File : FD044899.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jan 2023 09:21
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 05:29:58 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...	7.558	3050888	20.802 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
6) S 2-Fluorobiphenyl (SURR)	8.414	2073776	20.777 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.455	3840861	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	3318998	20.792 ug/ml
2) T Naphthalene (C11.7)	5.898	3514387	20.742 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	3549567	20.690 ug/ml
5) T Acenaphthylene (C15.06)	8.219	3264722	20.776 ug/ml
7) T Acenaphthene (C15.5)	8.514	3474833	20.899 ug/ml
8) T Flouorene (C16.55)	9.292	3414107	20.800 ug/ml
9) T Phenanthrene (C19.36)	10.684	3367064	20.825 ug/ml
10) T Anthracene (C19.43)	10.757	3088135	20.831 ug/ml
12) T Fluoranthene (C21.85)	12.489	3313678	20.705 ug/ml
13) T Pyrene (C20.8)	12.784	3238337	20.637 ug/ml
14) T Benzo[a]anthracene (C...	14.649	2904600	20.351 ug/ml
15) T Chrysene (C27.41)	14.691	3029373	20.460 ug/ml
16) T benzo[b]fluoranthene ...	16.192	2978425	20.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	2944592	20.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2875997	20.581 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	2792818	20.754 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2790609	21.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2818007	20.726 ug/ml

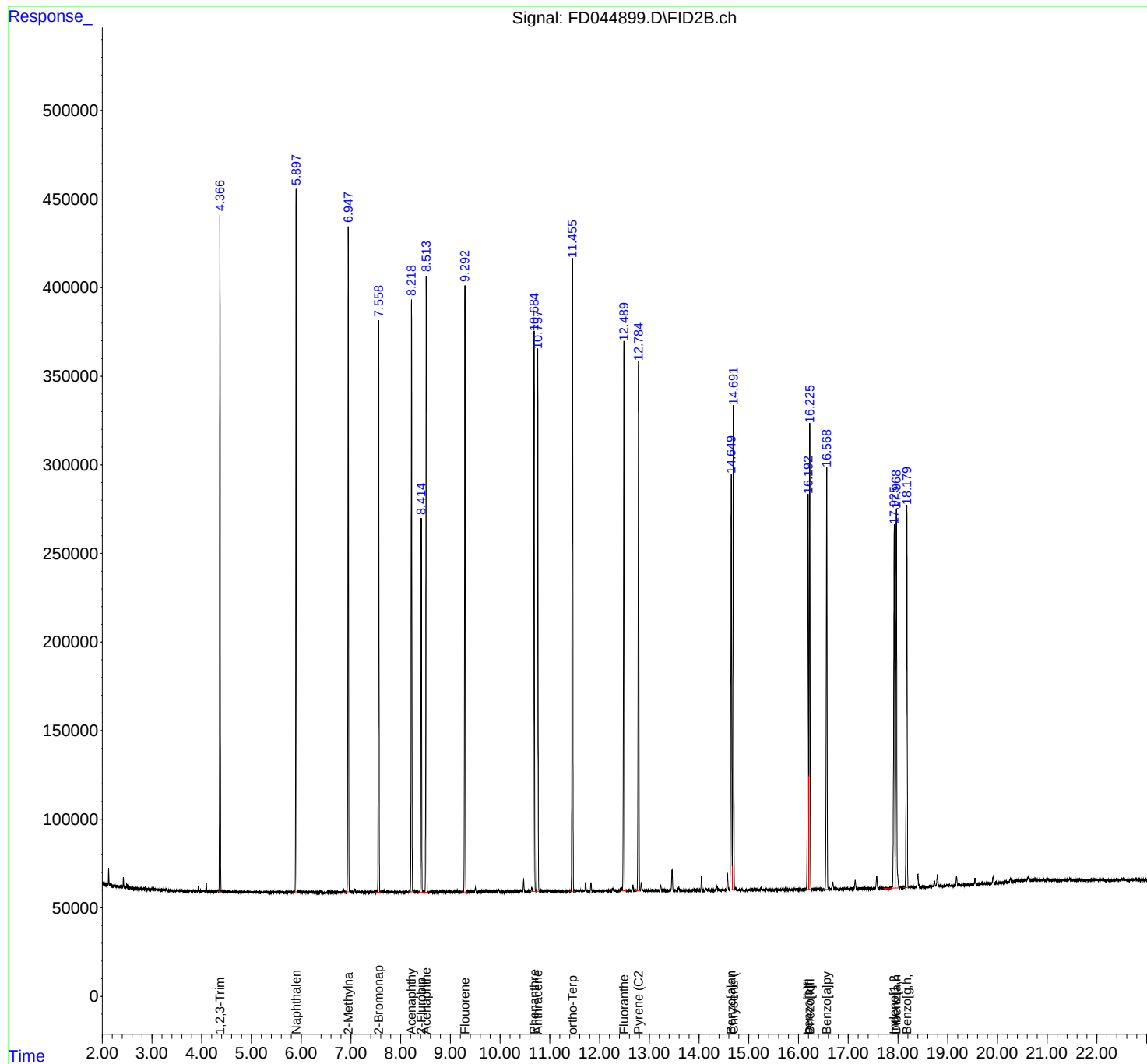
(f)=RT Delta > 1/2 Window

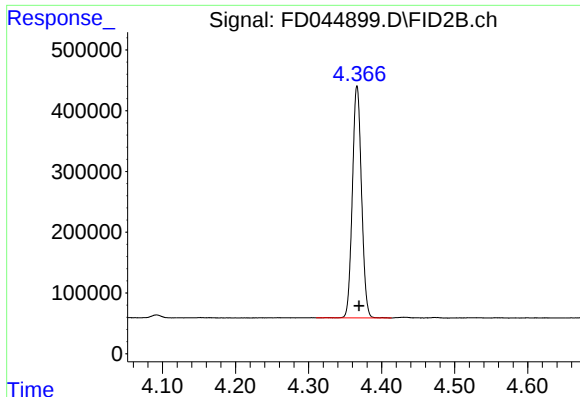
(m)=manual int.

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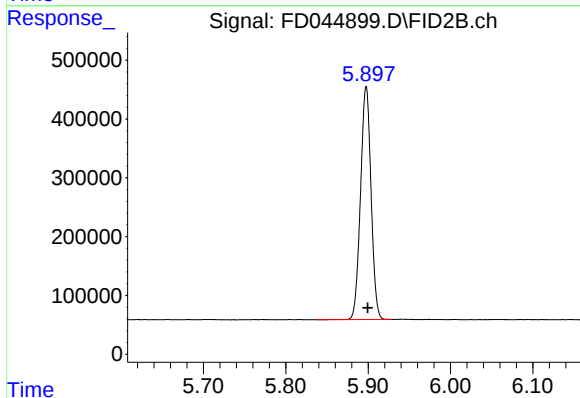
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Signal Info : 20M x 0.18mm x 0.18µm





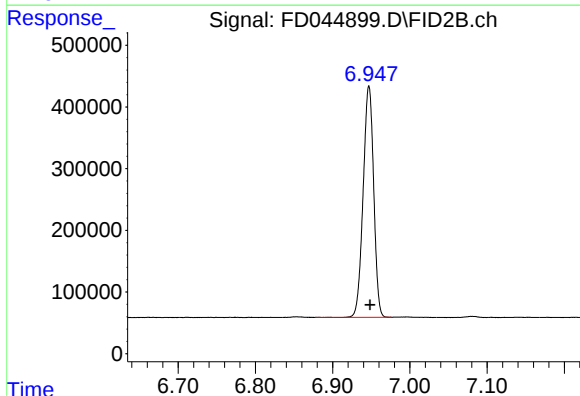
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3318998
Conc: 20.79 ug/ml



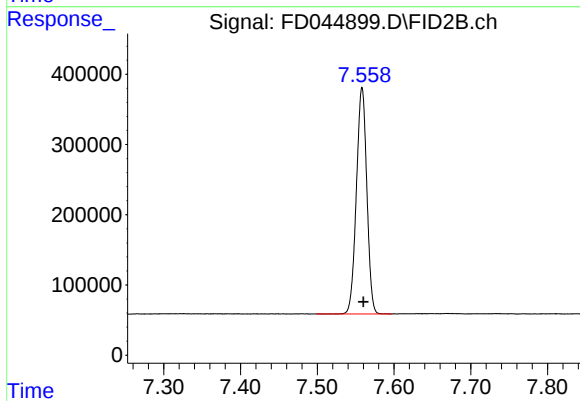
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 3514387
Conc: 20.74 ug/ml



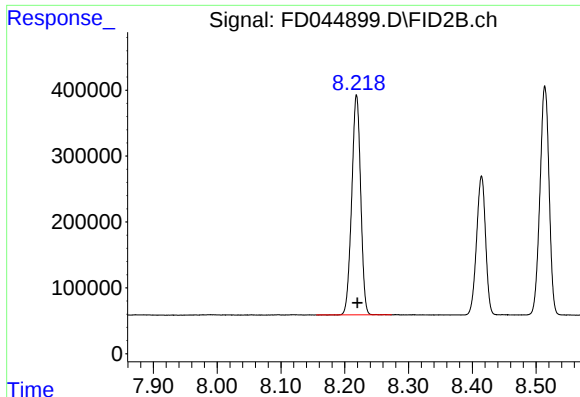
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 3549567
Conc: 20.69 ug/ml



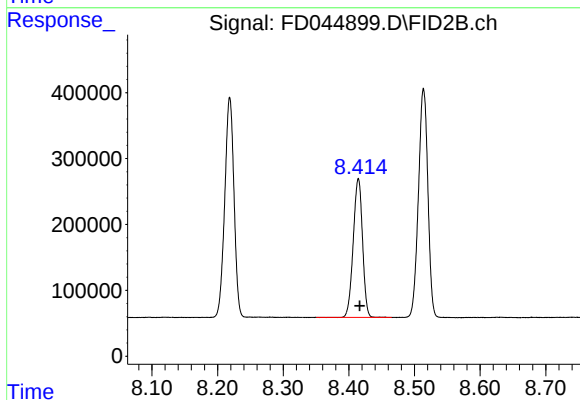
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 3050888
Conc: 20.80 ug/ml



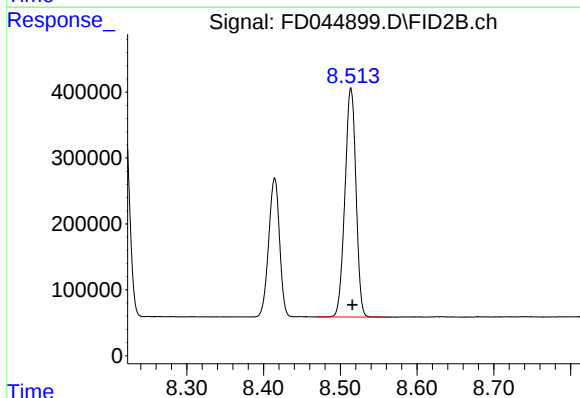
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 3264722
Conc: 20.78 ug/ml



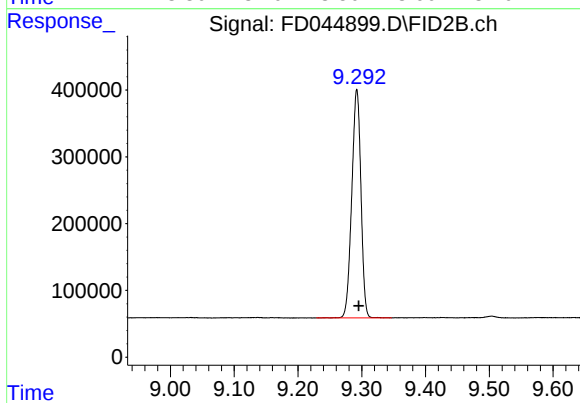
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 2073776
Conc: 20.78 ug/ml



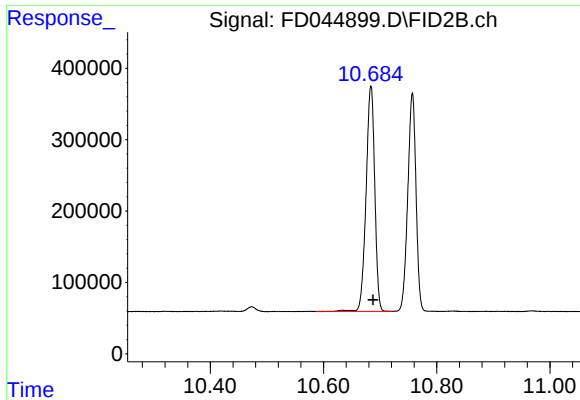
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3474833
Conc: 20.90 ug/ml



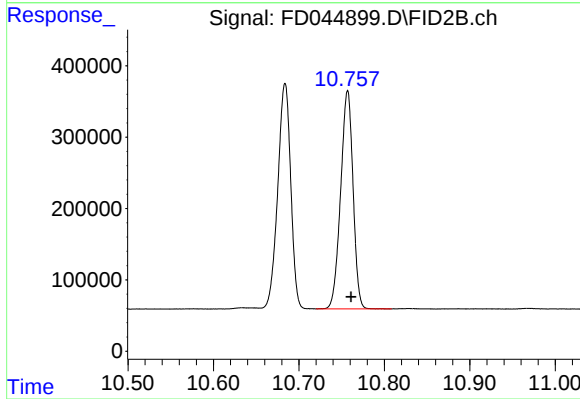
#8 Fluorene (C16.55)

R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 3414107
Conc: 20.80 ug/ml



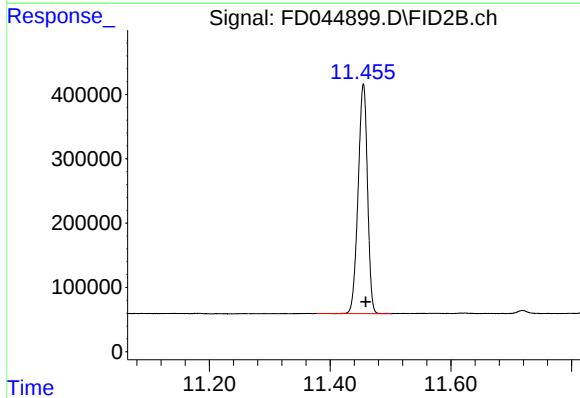
#9 Phenanthrene (C19.36)

R.T.: 10.684 min
Delta R.T.: -0.004 min
Response: 3367064
Conc: 20.83 ug/ml



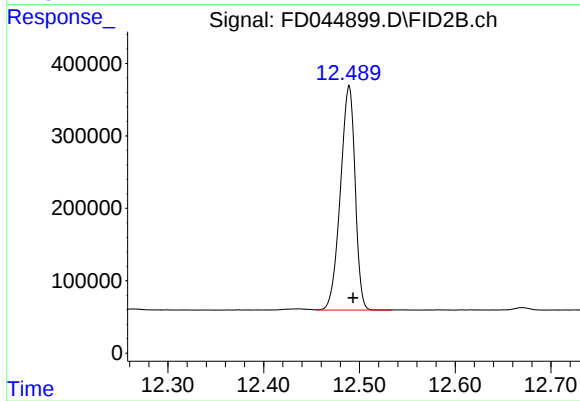
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.004 min
Response: 3088135
Conc: 20.83 ug/ml



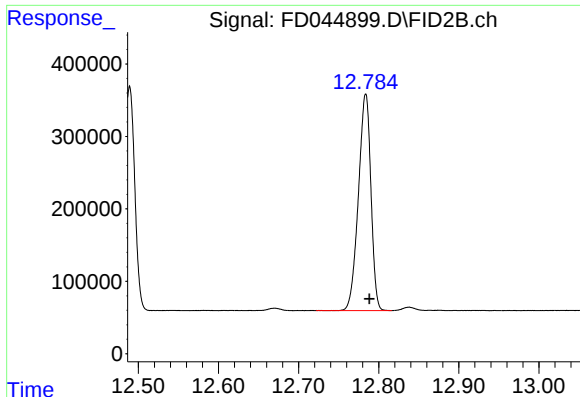
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3840861
Conc: 20.67 ug/ml



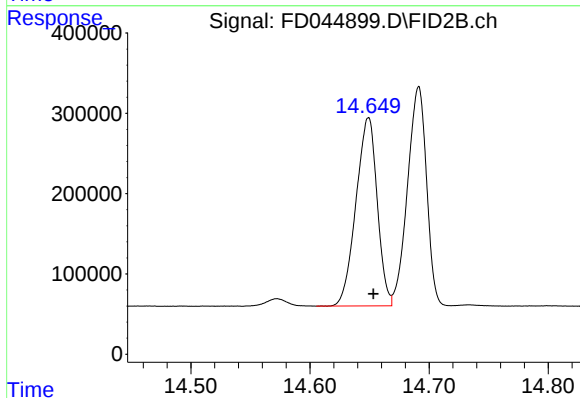
#12 Fluoranthene (C21.85)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3313678
Conc: 20.70 ug/ml



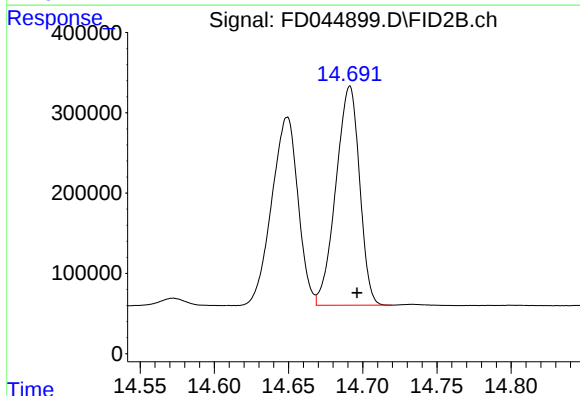
#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: -0.005 min
Response: 3238337
Conc: 20.64 ug/ml



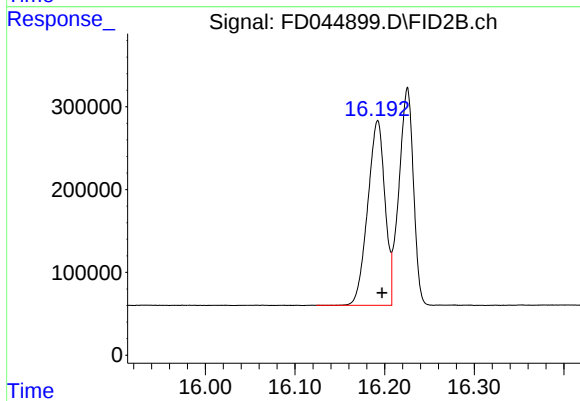
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.005 min
Response: 2904600
Conc: 20.35 ug/ml



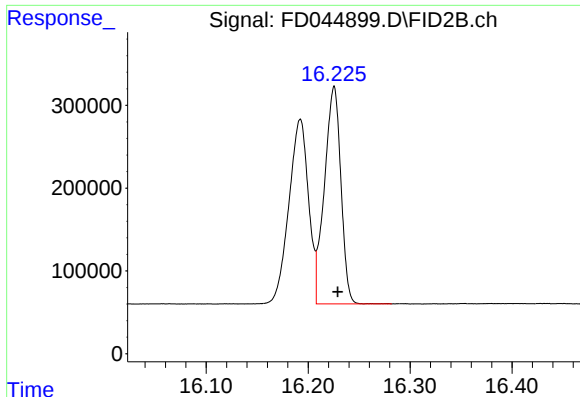
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 3029373
Conc: 20.46 ug/ml



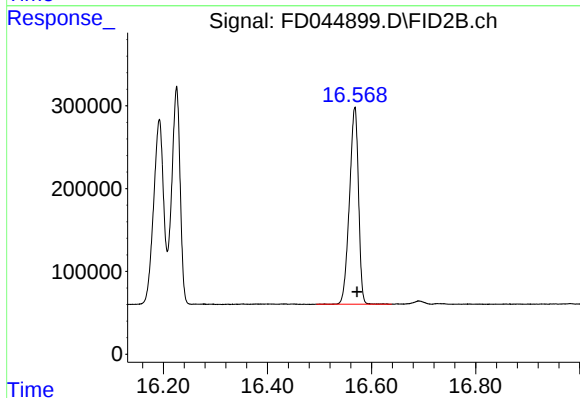
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2978425
Conc: 20.53 ug/ml



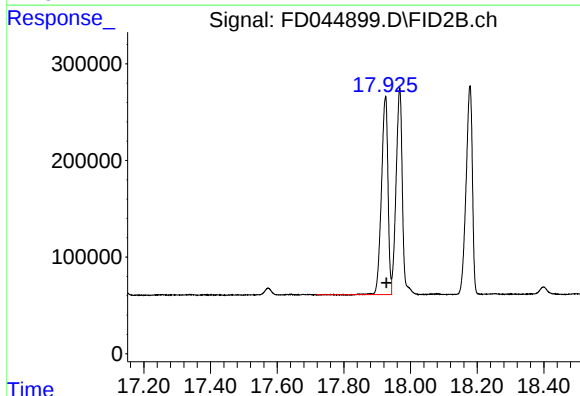
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 2944592
Conc: 20.65 ug/ml



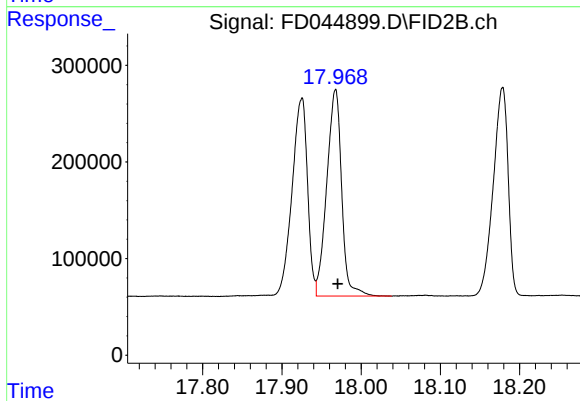
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 2875997
Conc: 20.58 ug/ml



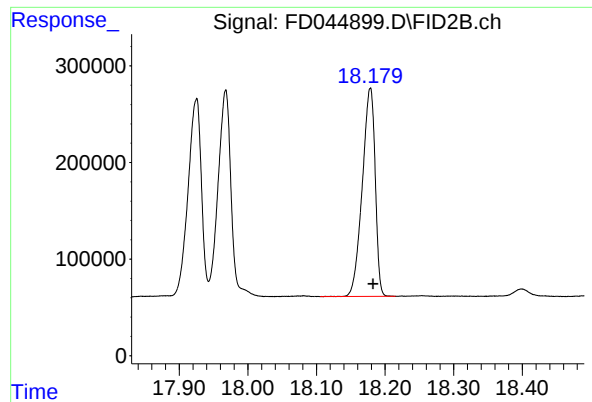
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.003 min
Response: 2792818
Conc: 20.75 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.003 min
Response: 2790609
Conc: 21.06 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.004 min
Response: 2818007
Conc: 20.73 ug/ml