

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044863.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2023 02:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:57:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 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...	7.664	3129170	17.784 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
6) S 2-Fluorobiphenyl (SURR)	8.521	2126591	17.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.23%
11) S ortho-Terphenyl (SURR)	11.548	3926682	17.097 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	3416665	18.259 ug/ml
2) T Naphthalene (C11.7)	6.014	3620067	18.146 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	3631427	17.907 ug/ml
5) T Acenaphthylene (C15.06)	8.326	3372097	17.641 ug/ml
7) T Acenaphthene (C15.5)	8.620	3533312	17.707 ug/ml
8) T Fluorene (C16.55)	9.396	3492537	17.553 ug/ml
9) T Phenanthrene (C19.36)	10.783	3463799	17.258 ug/ml
10) T Anthracene (C19.43)	10.856	3198681	16.694 ug/ml
12) T Fluoranthene (C21.85)	12.582	3406156	16.844 ug/ml
13) T Pyrene (C20.8)	12.877	3334987	16.944 ug/ml
14) T Benzo[a]anthracene (C...	14.737	3026061	16.716 ug/ml
15) T Chrysene (C27.41)	14.778	3157009	16.757 ug/ml
16) T benzo[b]fluoranthene ...	16.276	3055769	16.918 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	3031475	17.051 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2969693	16.924 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	2983067	17.785 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	2878942	17.389 ug/ml
21) T Benzo[g,h,i]perylene ...	18.259	2917584	17.585 ug/ml

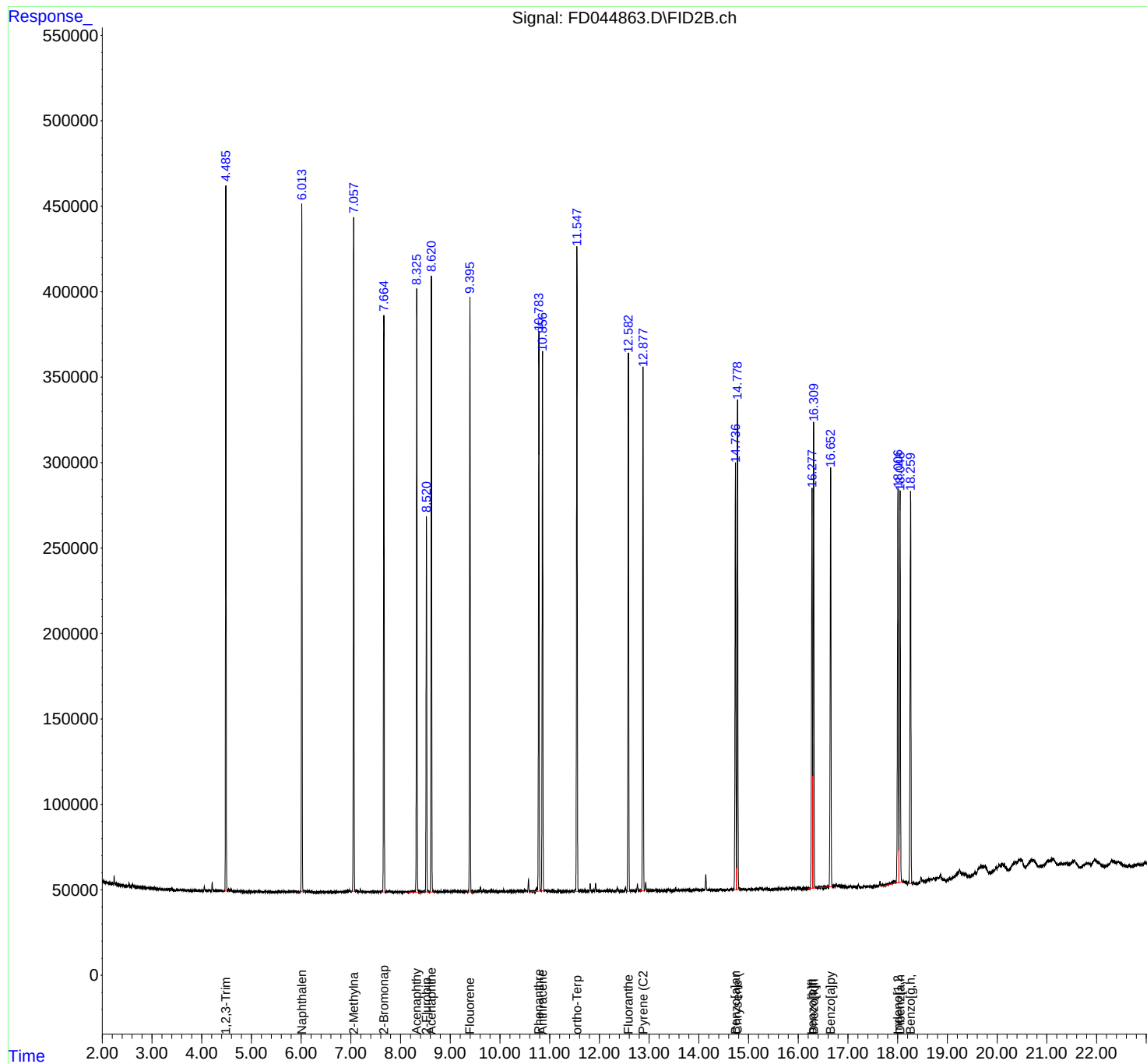
(f)=RT Delta > 1/2 Window

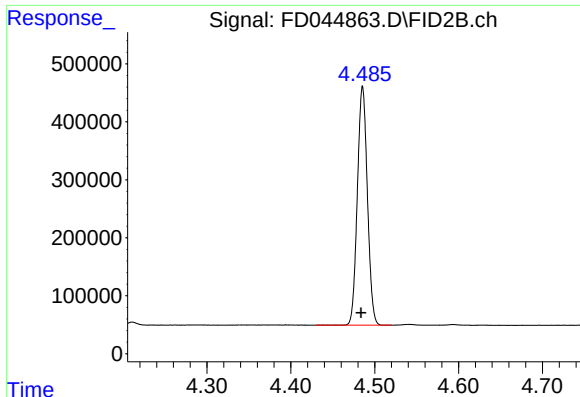
(m)=manual int.

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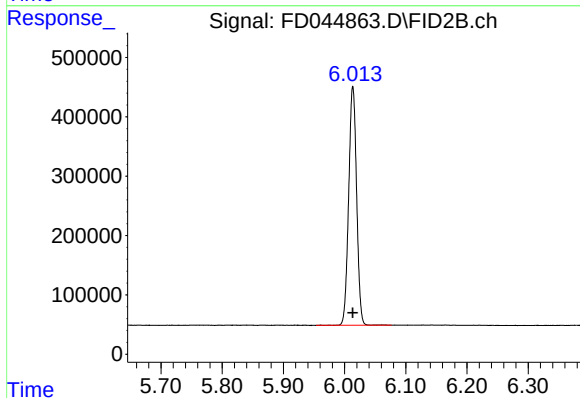
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Signal Info : 20M x 0.18mm x 0.18µm





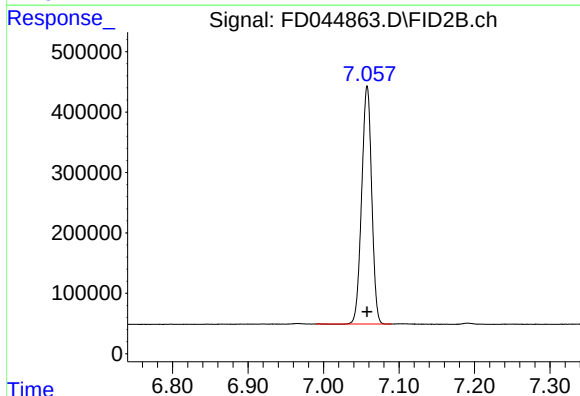
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 3416665
Conc: 18.26 ug/ml



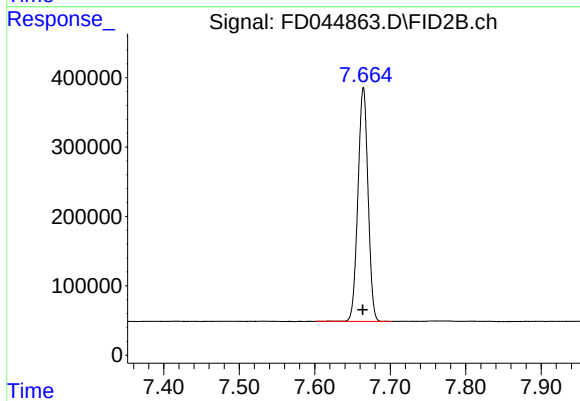
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 3620067
Conc: 18.15 ug/ml



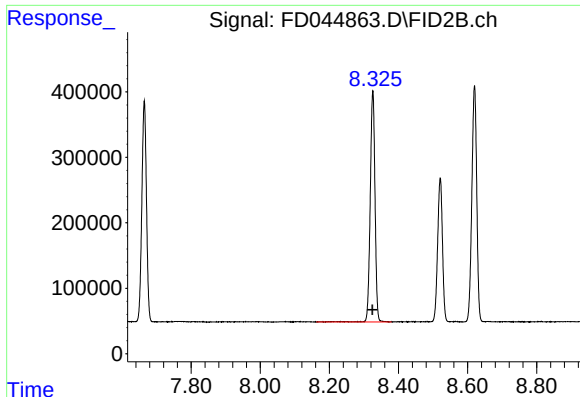
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 3631427
Conc: 17.91 ug/ml



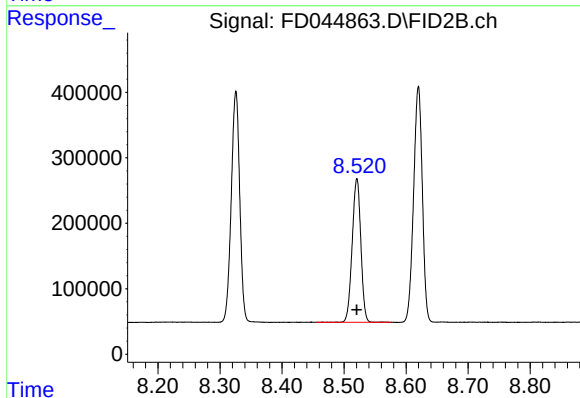
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 3129170
Conc: 17.78 ug/ml



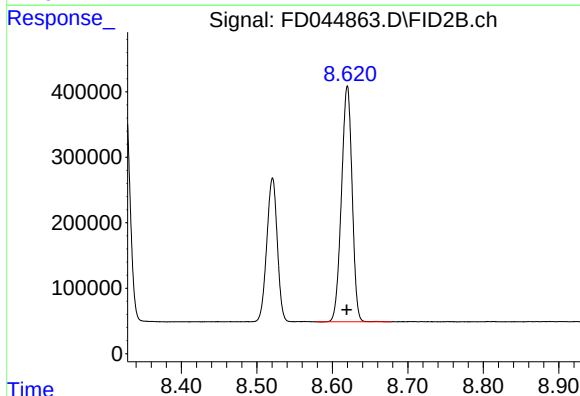
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 3372097
Conc: 17.64 ug/ml



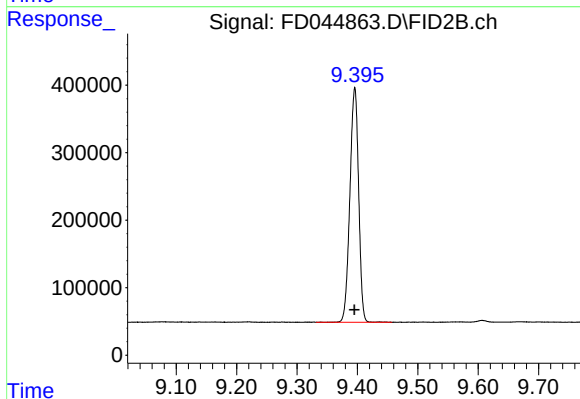
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 2126591
Conc: 17.62 ug/ml



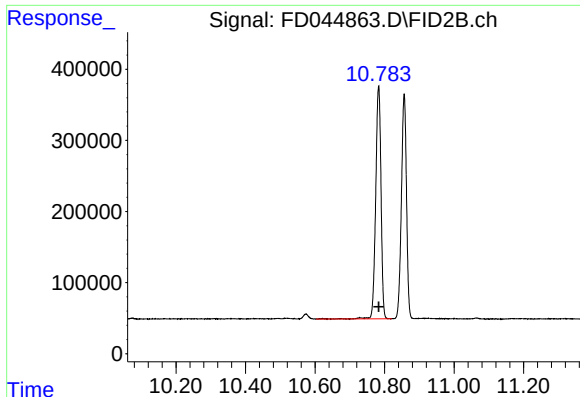
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 3533312
Conc: 17.71 ug/ml



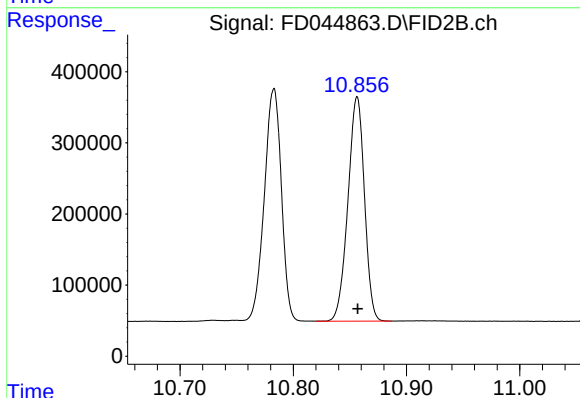
#8 Fluorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 3492537
Conc: 17.55 ug/ml



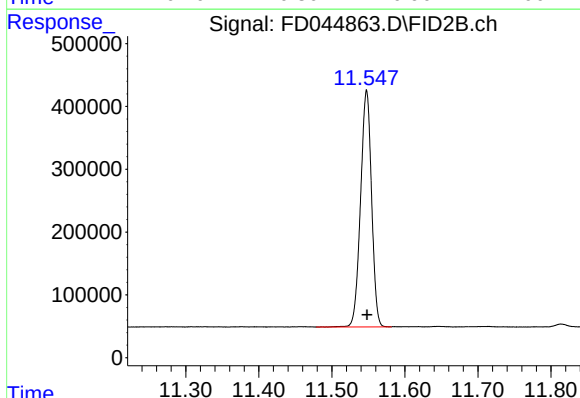
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 3463799
Conc: 17.26 ug/ml



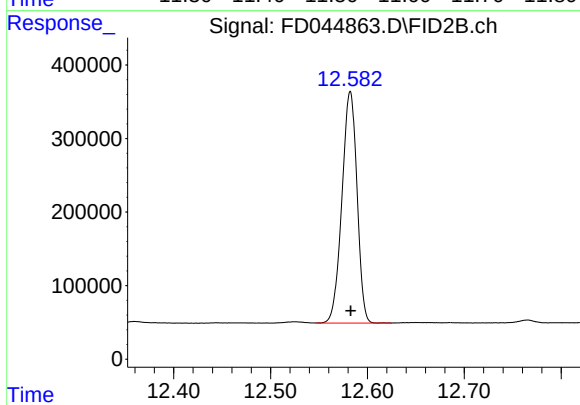
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 3198681
Conc: 16.69 ug/ml



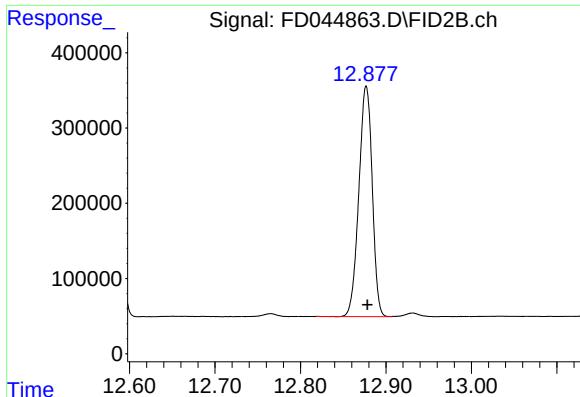
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.000 min
Response: 3926682
Conc: 17.10 ug/ml



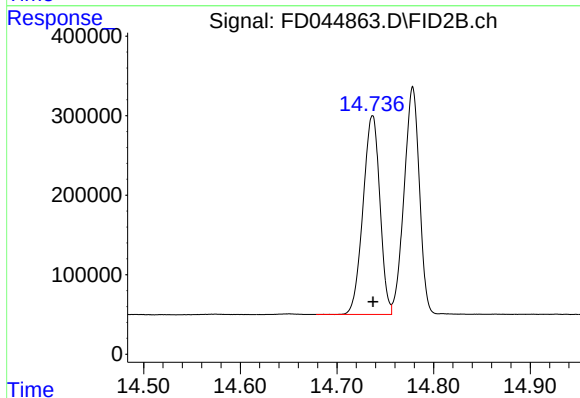
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.000 min
Response: 3406156
Conc: 16.84 ug/ml



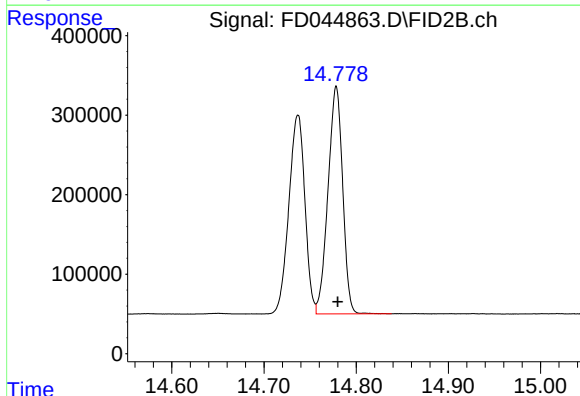
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.001 min
Response: 3334987
Conc: 16.94 ug/ml



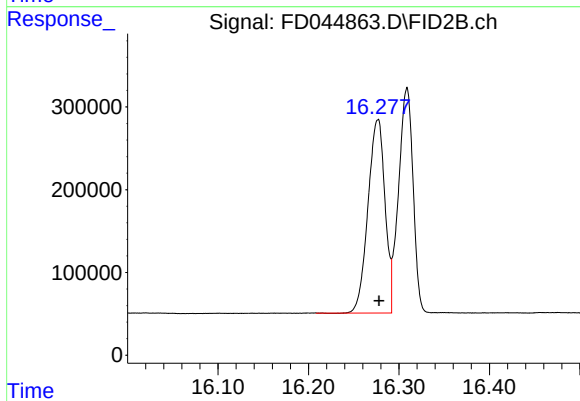
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: 0.000 min
Response: 3026061
Conc: 16.72 ug/ml



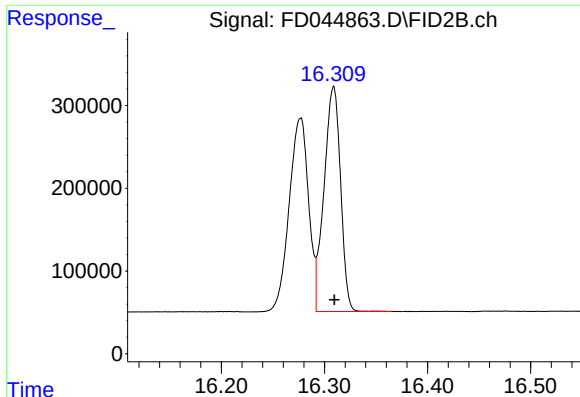
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.002 min
Response: 3157009
Conc: 16.76 ug/ml



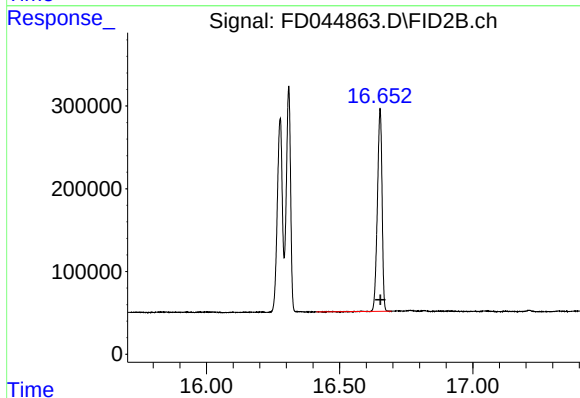
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.276 min
Delta R.T.: -0.002 min
Response: 3055769
Conc: 16.92 ug/ml



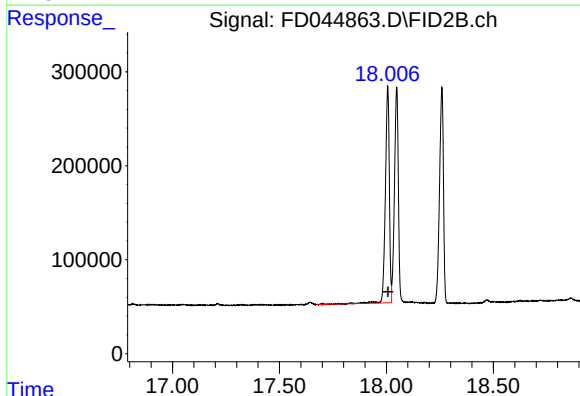
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.309 min
Delta R.T.: -0.001 min
Response: 3031475
Conc: 17.05 ug/ml



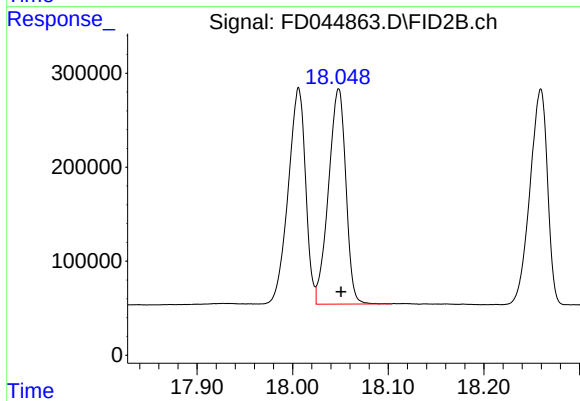
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.001 min
Response: 2969693
Conc: 16.92 ug/ml



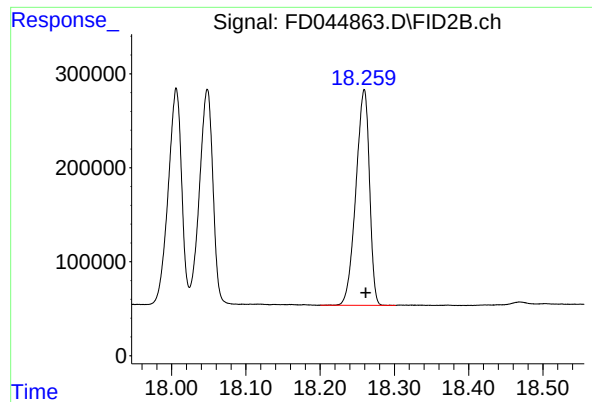
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.002 min
Response: 2983067
Conc: 17.79 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 2878942
Conc: 17.39 ug/ml



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

R.T.: 18.259 min
Delta R.T.: -0.003 min
Response: 2917584
Conc: 17.58 ug/ml