

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044859.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jan 2023 23:18
 Operator : YP/AJ
 Sample : 01214-14MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:56:37 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...	7.666	8080078	45.922 ug/ml
Spiked Amount 50.000		Recovery =	91.84%
6) S 2-Fluorobiphenyl (SURR)	8.523	5488994	45.472 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.94%
11) S ortho-Terphenyl (SURR)	11.549	6012898	26.181 ug/ml
Spiked Amount 50.000		Recovery =	52.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	6554155	35.027 ug/ml
2) T Naphthalene (C11.7)	6.014	7062327	35.401 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	7147718	35.246 ug/ml
5) T Acenaphthylene (C15.06)	8.328	7646680	40.002 ug/ml
7) T Acenaphthene (C15.5)	8.623	7940384	39.792 ug/ml
8) T Flouorene (C16.55)	9.398	8147609	40.948 ug/ml
9) T Phenanthrene (C19.36)	10.787	8540402	42.552 ug/ml
10) T Anthracene (C19.43)	10.862	8527582	44.506 ug/ml
12) T Fluoranthene (C21.85)	12.589	8718589	43.116 ug/ml
13) T Pyrene (C20.8)	12.885	8711557	44.260 ug/ml
14) T Benzo[a]anthracene (C...	14.745	8232990	45.480 ug/ml
15) T Chrysene (C27.41)	14.789	9556647	50.726 ug/ml
16) T benzo[b]fluoranthene ...	16.285	8033825	44.478 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	7533457	42.373 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	7192531	40.990 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	7772234	46.338 ug/ml
20) T Dibenz[a,h]anthracene...	18.060	7058351	42.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	7462945	44.980 ug/ml

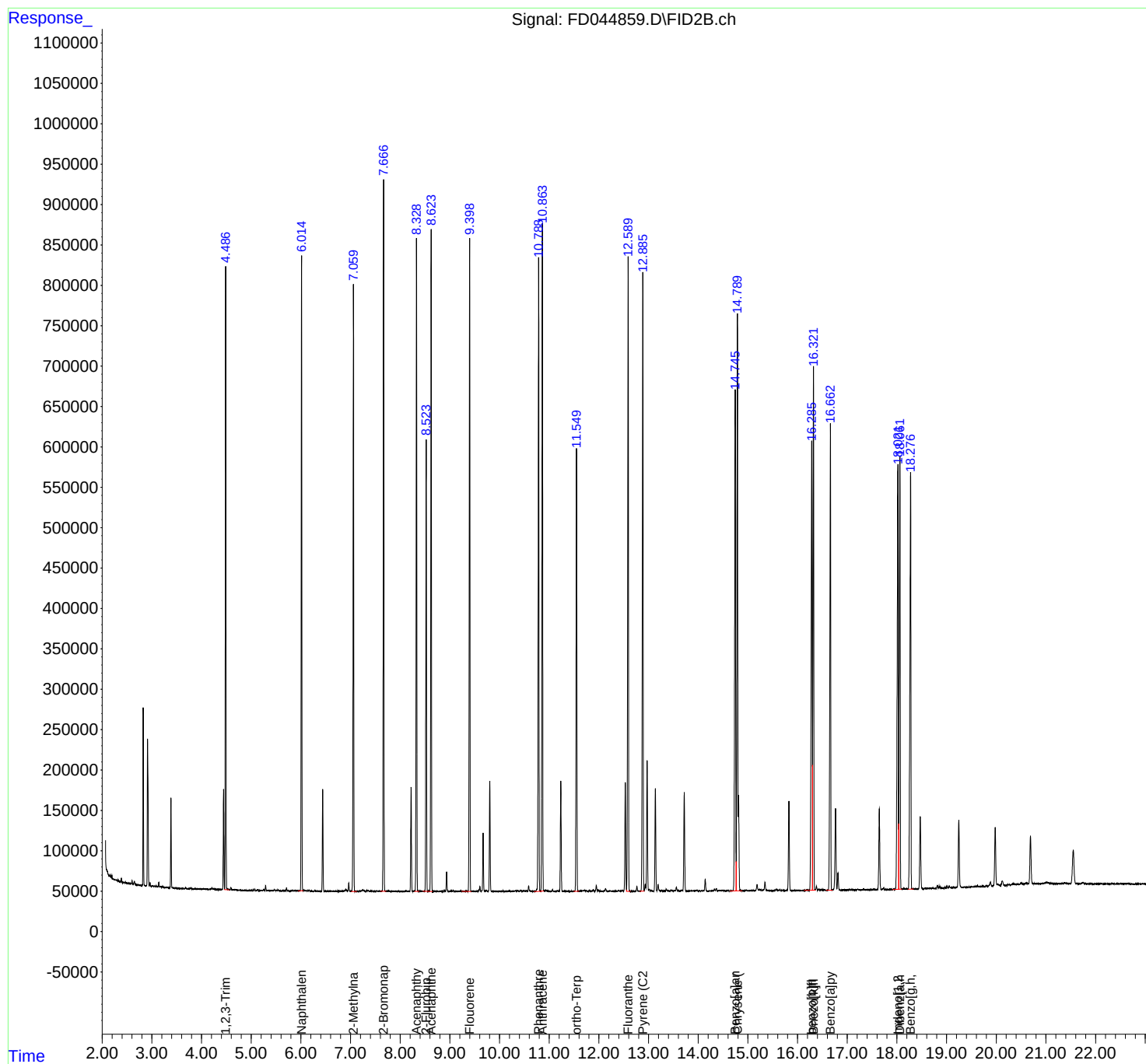
(f)=RT Delta > 1/2 Window

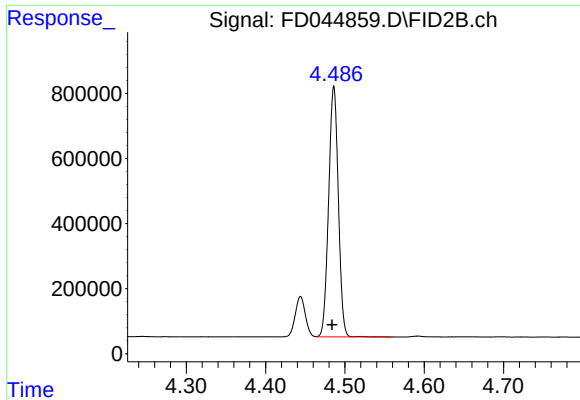
(m)=manual int.

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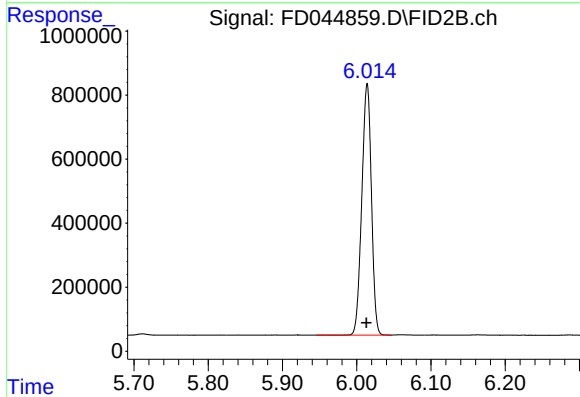
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Signal Info : 20M x 0.18mm x 0.18µm





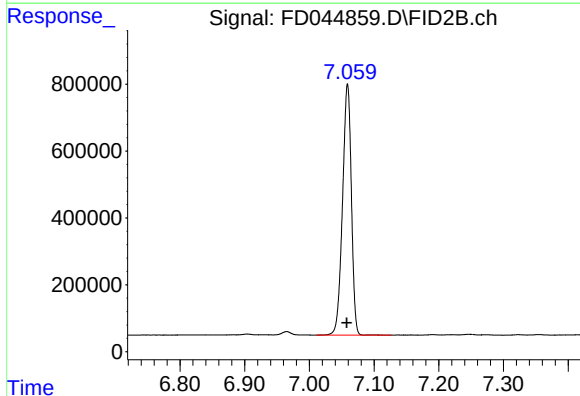
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 6554155
Conc: 35.03 ug/ml



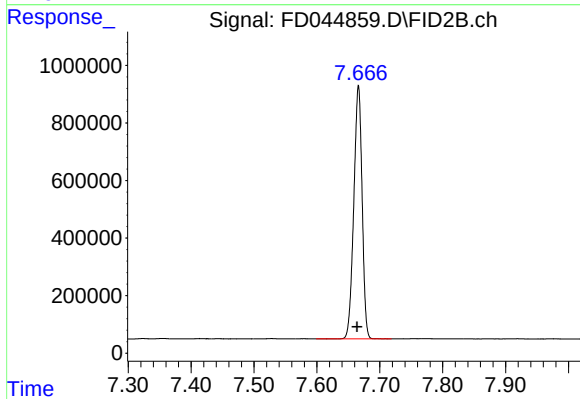
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 7062327
Conc: 35.40 ug/ml



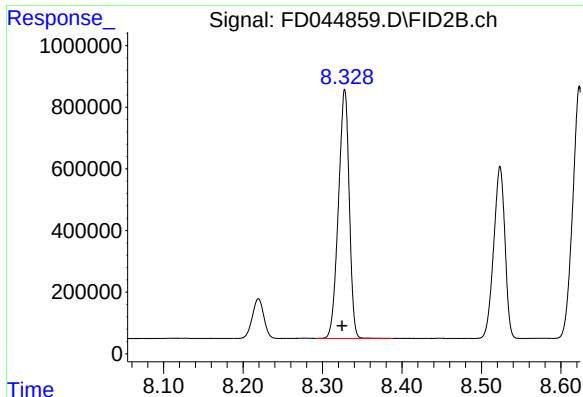
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: 0.001 min
Response: 7147718
Conc: 35.25 ug/ml



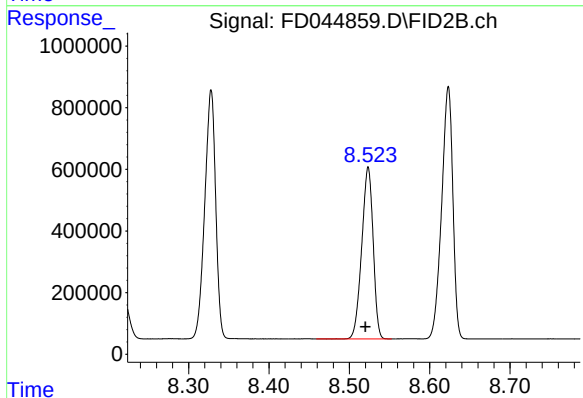
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: 0.002 min
Response: 8080078
Conc: 45.92 ug/ml



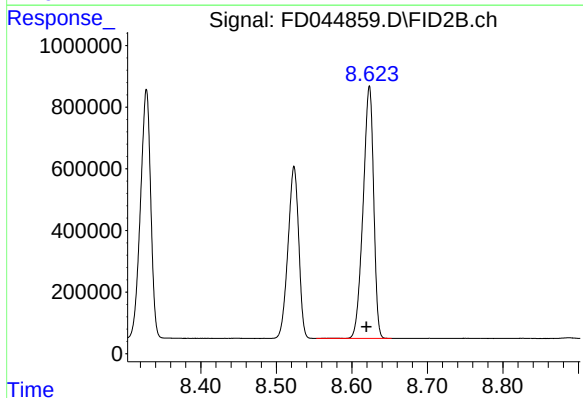
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: 0.003 min
Response: 7646680
Conc: 40.00 ug/ml



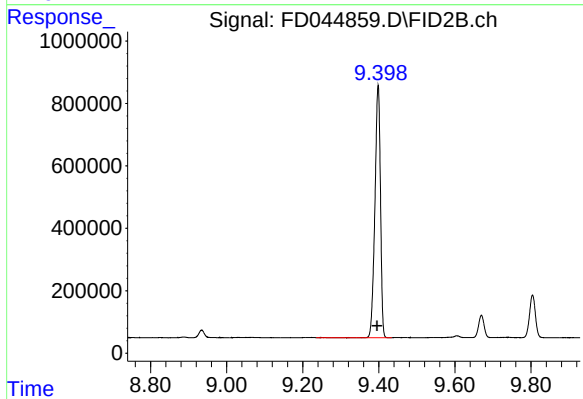
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.523 min
Delta R.T.: 0.003 min
Response: 5488994
Conc: 45.47 ug/ml



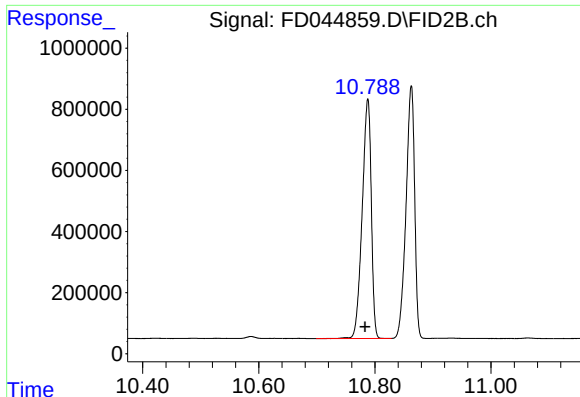
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: 0.004 min
Response: 7940384
Conc: 39.79 ug/ml



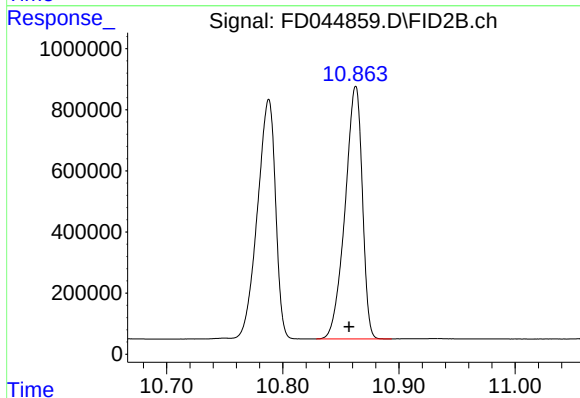
#8 Fluorene (C16.55)

R.T.: 9.398 min
Delta R.T.: 0.003 min
Response: 8147609
Conc: 40.95 ug/ml



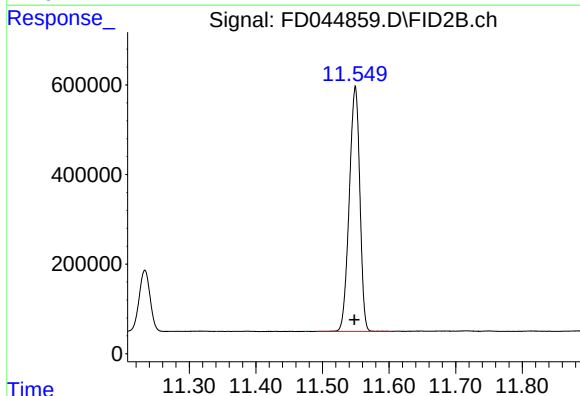
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.005 min
Response: 8540402
Conc: 42.55 ug/ml



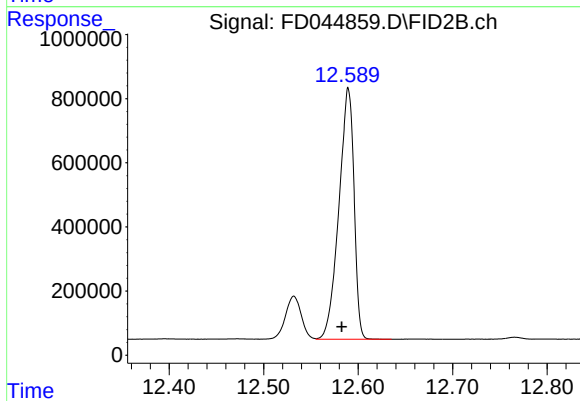
#10 Anthracene (C19.43)

R.T.: 10.862 min
Delta R.T.: 0.005 min
Response: 8527582
Conc: 44.51 ug/ml



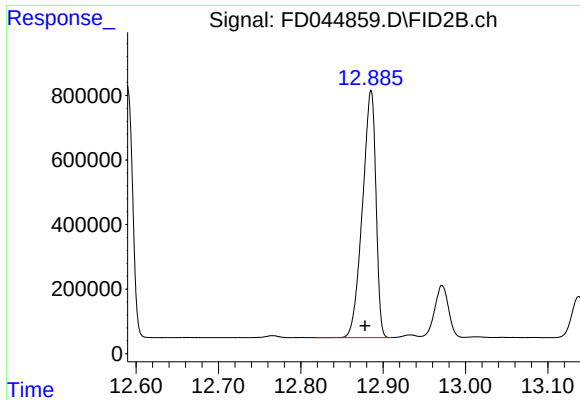
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 6012898
Conc: 26.18 ug/ml



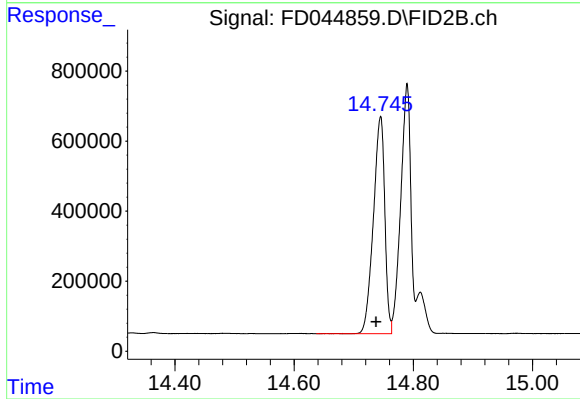
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: 0.007 min
Response: 8718589
Conc: 43.12 ug/ml



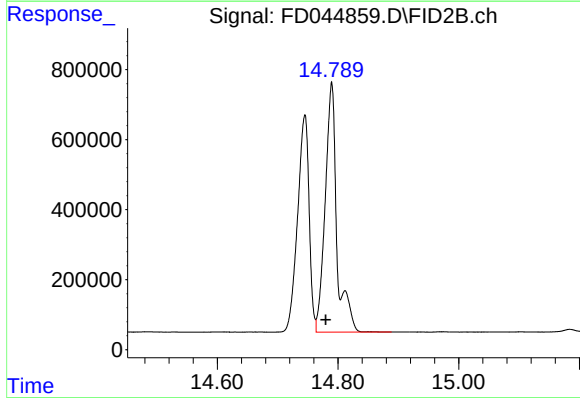
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: 0.007 min
Response: 8711557
Conc: 44.26 ug/ml



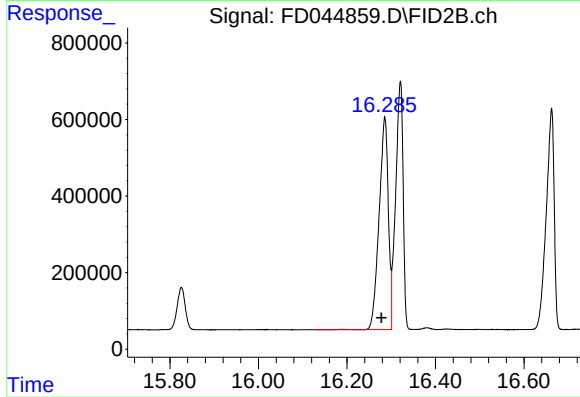
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 8232990
Conc: 45.48 ug/ml



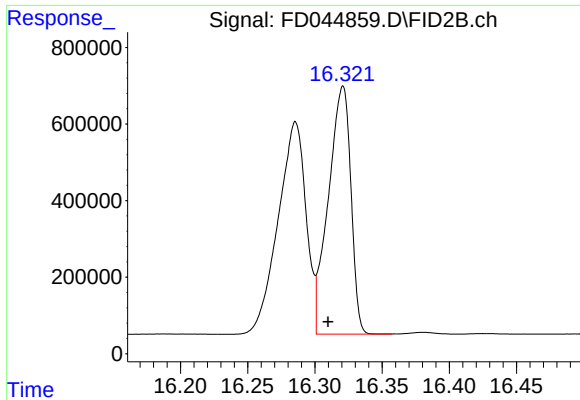
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.009 min
Response: 9556647
Conc: 50.73 ug/ml



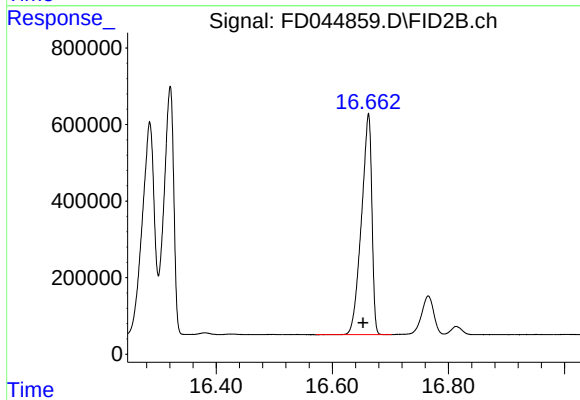
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.285 min
Delta R.T.: 0.007 min
Response: 8033825
Conc: 44.48 ug/ml



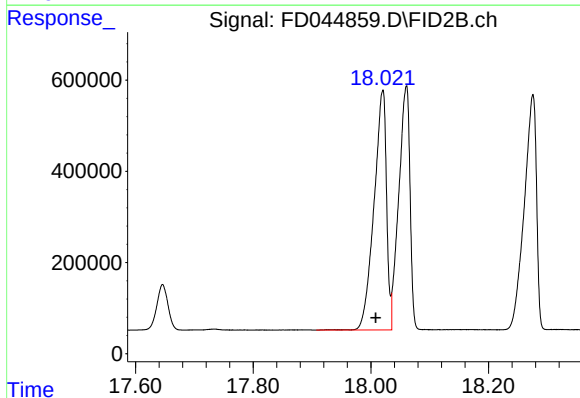
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.011 min
Response: 7533457
Conc: 42.37 ug/ml



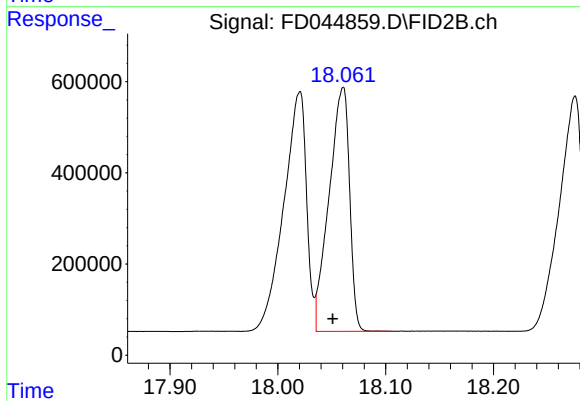
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.009 min
Response: 7192531
Conc: 40.99 ug/ml



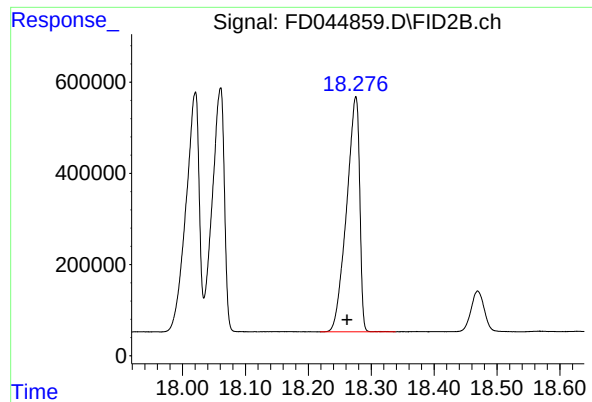
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: 0.011 min
Response: 7772234
Conc: 46.34 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.009 min
Response: 7058351
Conc: 42.63 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.013 min
Response: 7462945
Conc: 44.98 ug/ml