

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070822AR\
 Data File : FD043210.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2022 19:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:35:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.626	3427277	22.196 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
6) S 2-Fluorobiphenyl (SURR)	8.489	2275904	21.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.16%
11) S ortho-Terphenyl (SURR)	11.534	3877709	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	3836003	22.840 ug/ml
2) T Naphthalene (C11.7)	5.962	3927935	22.436 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	3569786	22.194 ug/ml
5) T Acenaphthylene (C15.06)	8.292	3785893	21.299 ug/ml
7) T Acenaphthene (C15.5)	8.588	3820781	21.819 ug/ml
8) T Flouorene (C16.55)	9.369	3726966	21.501 ug/ml
9) T Phenanthrene (C19.36)	10.767	3601504	20.999 ug/ml
10) T Anthracene (C19.43)	10.841	3417721	20.117 ug/ml
12) T Fluoranthene (C21.85)	12.580	3403355	20.292 ug/ml
13) T Pyrene (C20.8)	12.876	2198377	13.490 ug/ml
14) T Benzo[a]anthracene (C...	14.748	3119587	20.088 ug/ml
15) T Chrysene (C27.41)	14.791	3223491	20.424 ug/ml
16) T benzo[b]fluoranthene ...	16.332	3159870	20.729 ug/ml
17) T Bnezo[k]fluoranthene ...	16.332	3159870	21.590 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	3103862	21.700 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	3247944	25.955 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	3247944	24.159 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	3101320	23.778 ug/ml

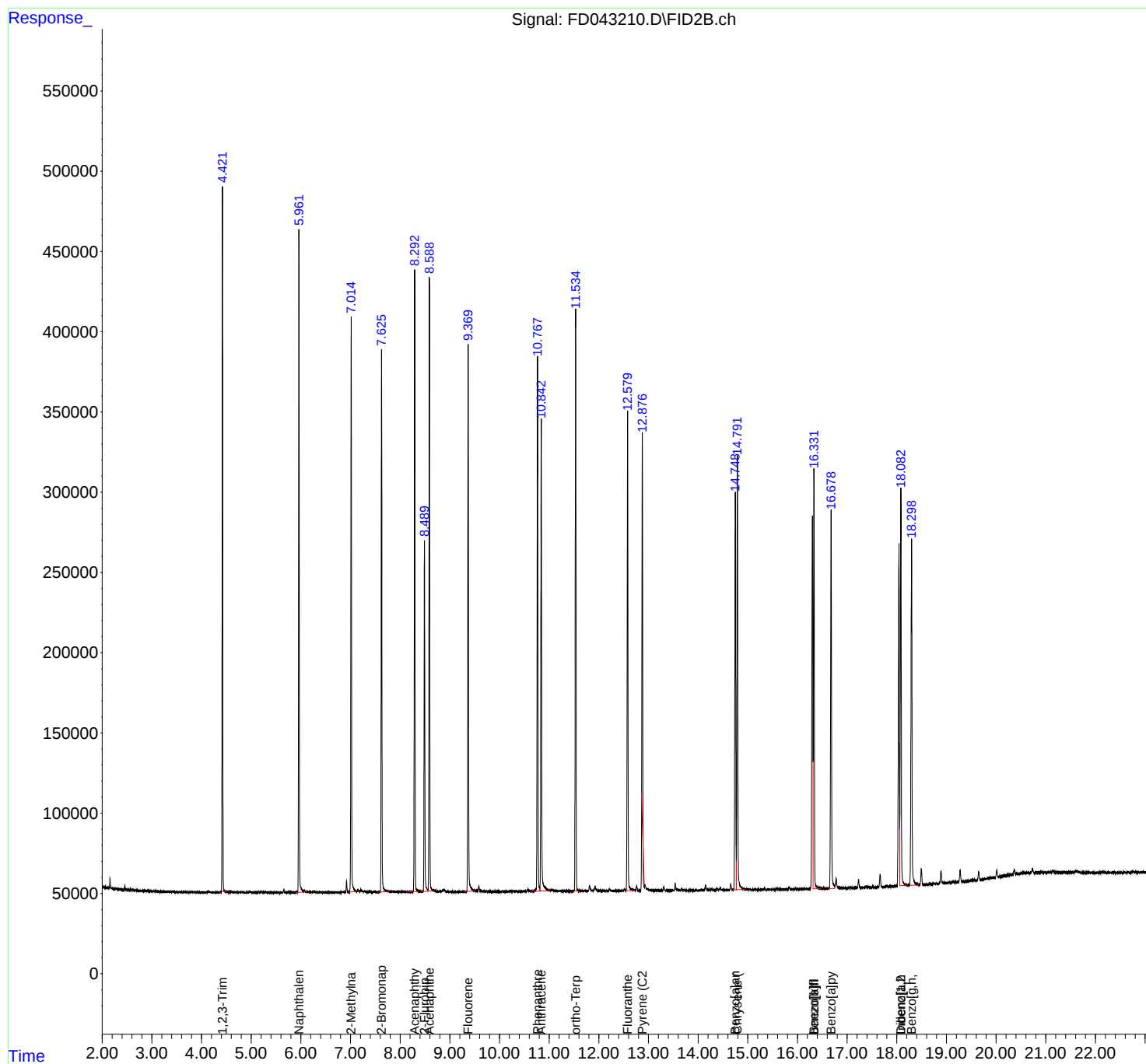
(f)=RT Delta > 1/2 Window

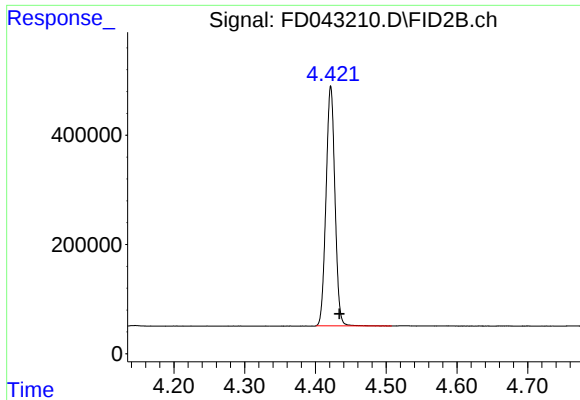
(m)=manual int.

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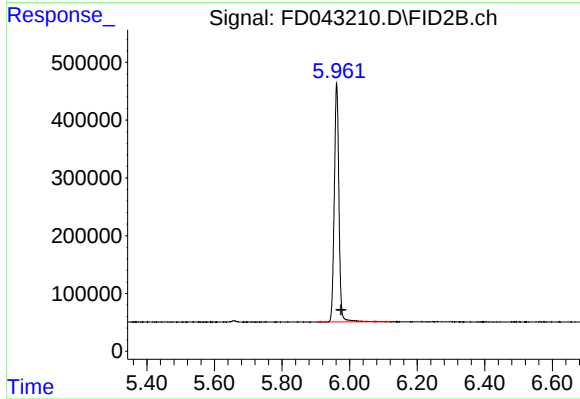
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





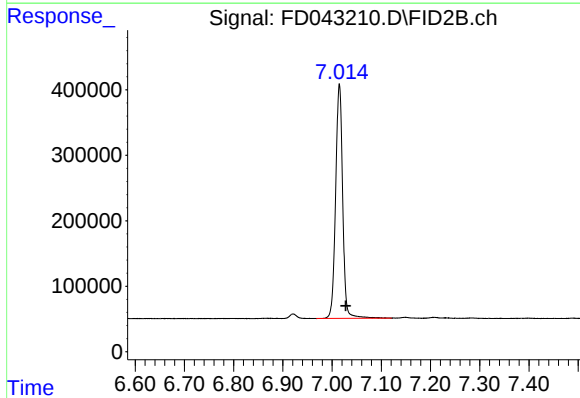
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.012 min
Response: 3836003
Conc: 22.84 ug/ml



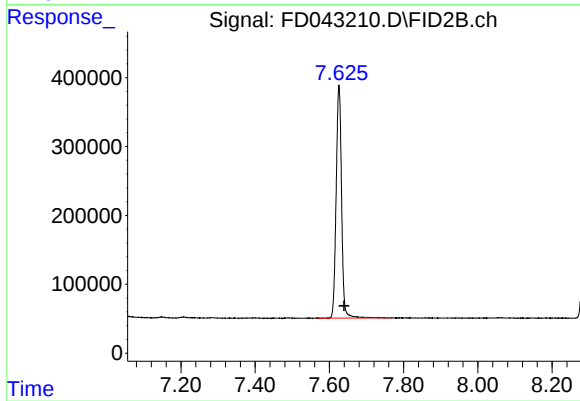
#2 Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.013 min
Response: 3927935
Conc: 22.44 ug/ml



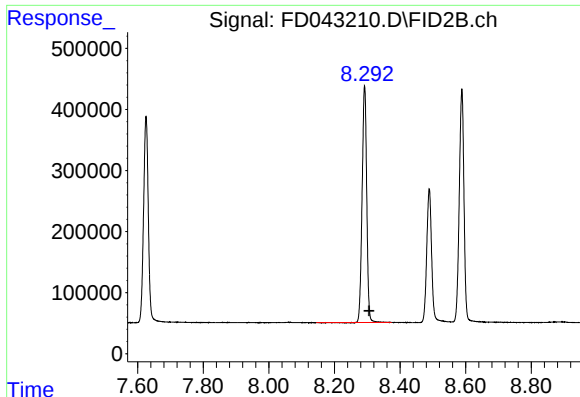
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.013 min
Response: 3569786
Conc: 22.19 ug/ml



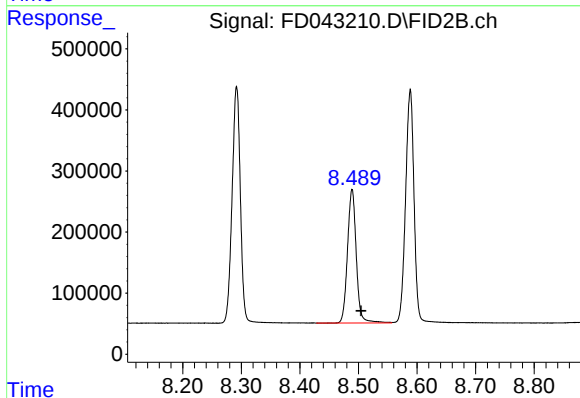
#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.014 min
Response: 3427277
Conc: 22.20 ug/ml



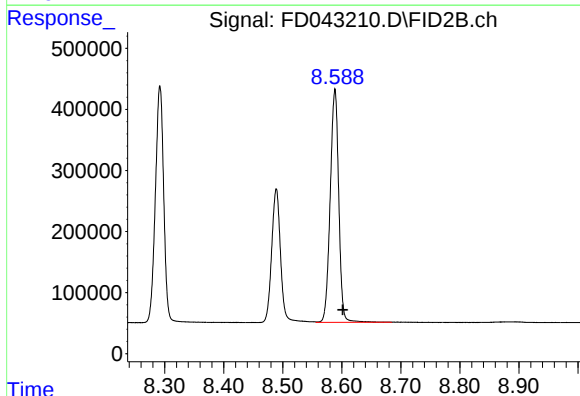
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.014 min
Response: 3785893
Conc: 21.30 ug/ml



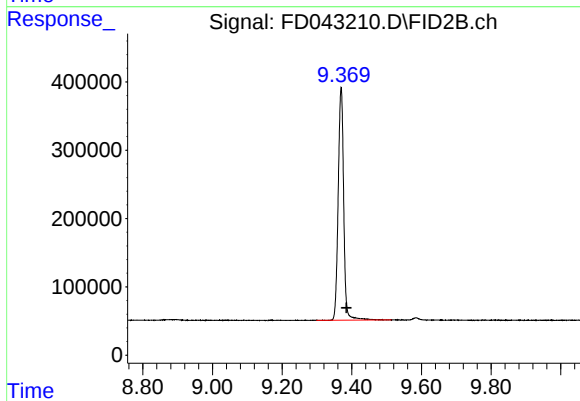
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.489 min
Delta R.T.: -0.015 min
Response: 2275904
Conc: 21.58 ug/ml



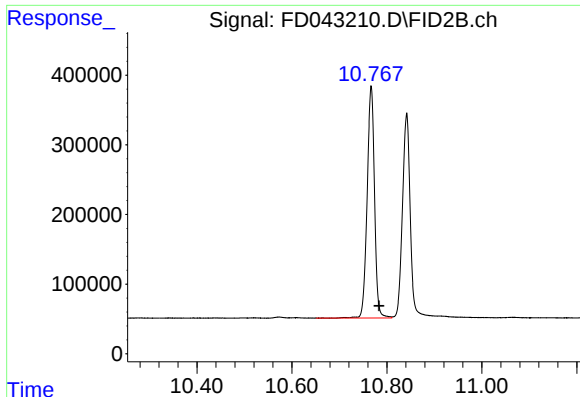
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.014 min
Response: 3820781
Conc: 21.82 ug/ml



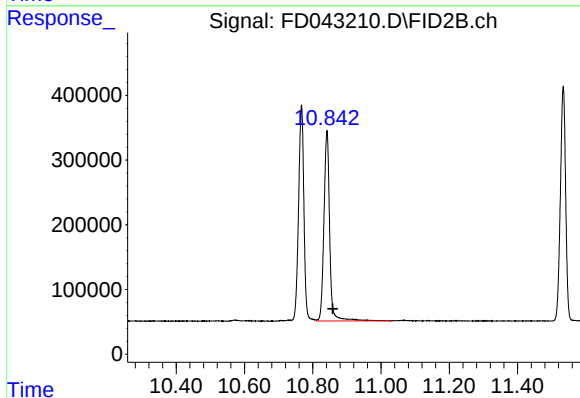
#8 Flouorene (C16.55)

R.T.: 9.369 min
Delta R.T.: -0.015 min
Response: 3726966
Conc: 21.50 ug/ml



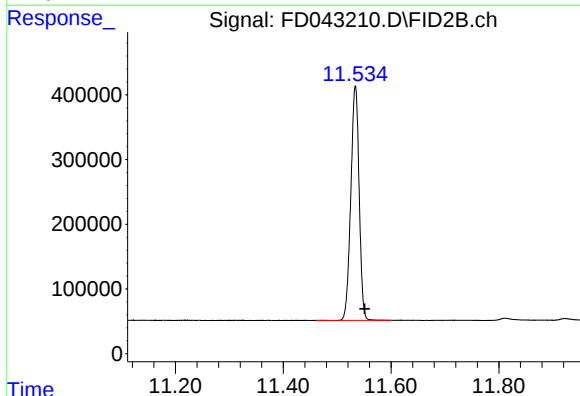
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 3601504
Conc: 21.00 ug/ml



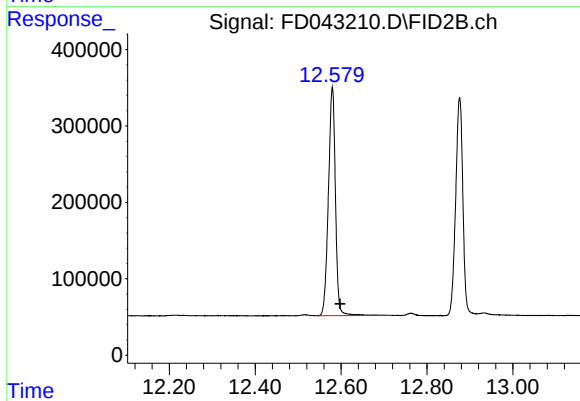
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.017 min
Response: 3417721
Conc: 20.12 ug/ml



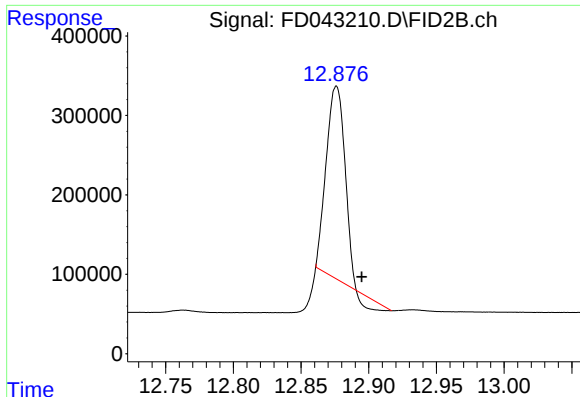
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.018 min
Response: 3877709
Conc: 21.34 ug/ml



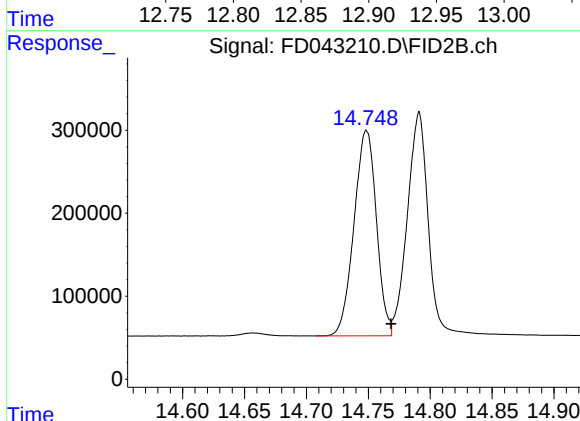
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 3403355
Conc: 20.29 ug/ml



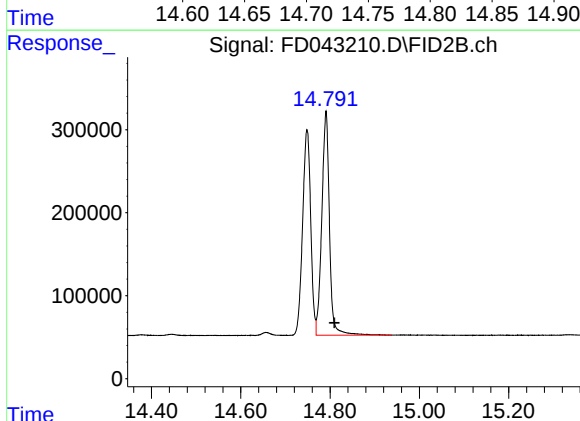
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 2198377
Conc: 13.49 ug/ml



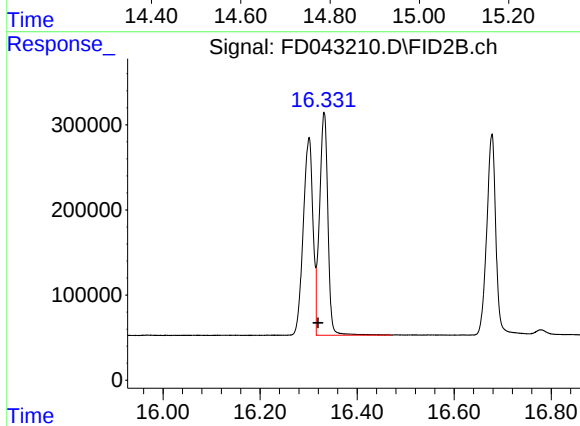
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.020 min
Response: 3119587
Conc: 20.09 ug/ml



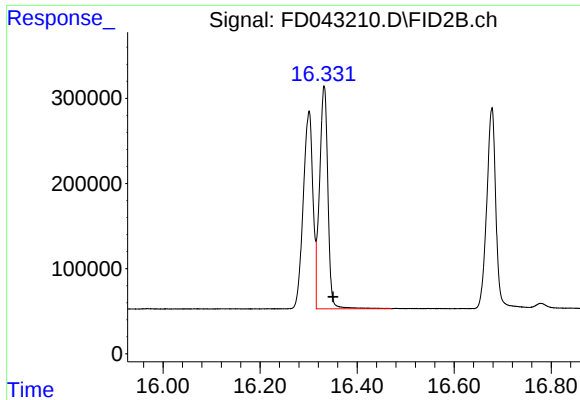
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.019 min
Response: 3223491
Conc: 20.42 ug/ml



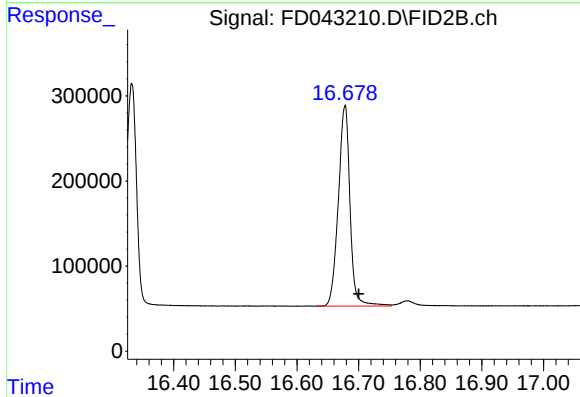
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.332 min
Delta R.T.: 0.012 min
Response: 3159870
Conc: 20.73 ug/ml



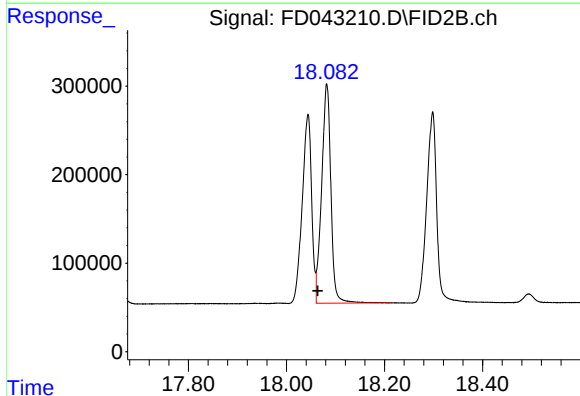
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: -0.019 min
Response: 3159870
Conc: 21.59 ug/ml



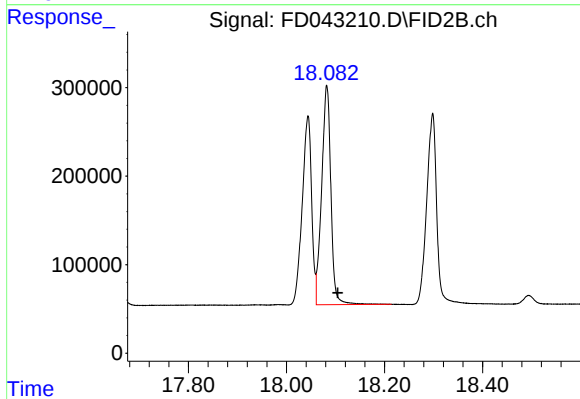
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.022 min
Response: 3103862
Conc: 21.70 ug/ml



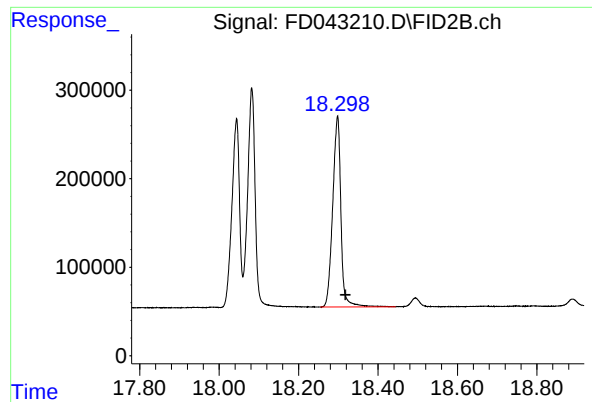
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: 0.018 min
Response: 3247944
Conc: 25.96 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.023 min
Response: 3247944
Conc: 24.16 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.021 min
Response: 3101320
Conc: 23.78 ug/ml