

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045104.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 23:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 06:31:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.554	2727766	20.338 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
6) S 2-Fluorobiphenyl (SURR)	8.411	1823146	20.343 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.450	3380446	20.099 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3063791	20.465 ug/ml
2) T Naphthalene (C11.7)	5.894	3208748	20.437 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	3202407	20.469 ug/ml
5) T Acenaphthylene (C15.06)	8.215	2894447	20.272 ug/ml
7) T Acenaphthene (C15.5)	8.510	3081290	20.434 ug/ml
8) T Fluorene (C16.55)	9.288	2993747	20.310 ug/ml
9) T Phenanthrene (C19.36)	10.679	2938771	20.301 ug/ml
10) T Anthracene (C19.43)	10.754	2732816	20.184 ug/ml
12) T Fluoranthene (C21.85)	12.484	2879153	20.087 ug/ml
13) T Pyrene (C20.8)	12.780	2819462	20.135 ug/ml
14) T Benzo[a]anthracene (C...	14.645	2555807	20.090 ug/ml
15) T Chrysene (C27.41)	14.687	2665205	20.128 ug/ml
16) T benzo[b]fluoranthene ...	16.220	2594470	19.782 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	2594470	20.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	2573391	20.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.962	2463481	19.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	2463481	20.142 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	2569357	20.252 ug/ml

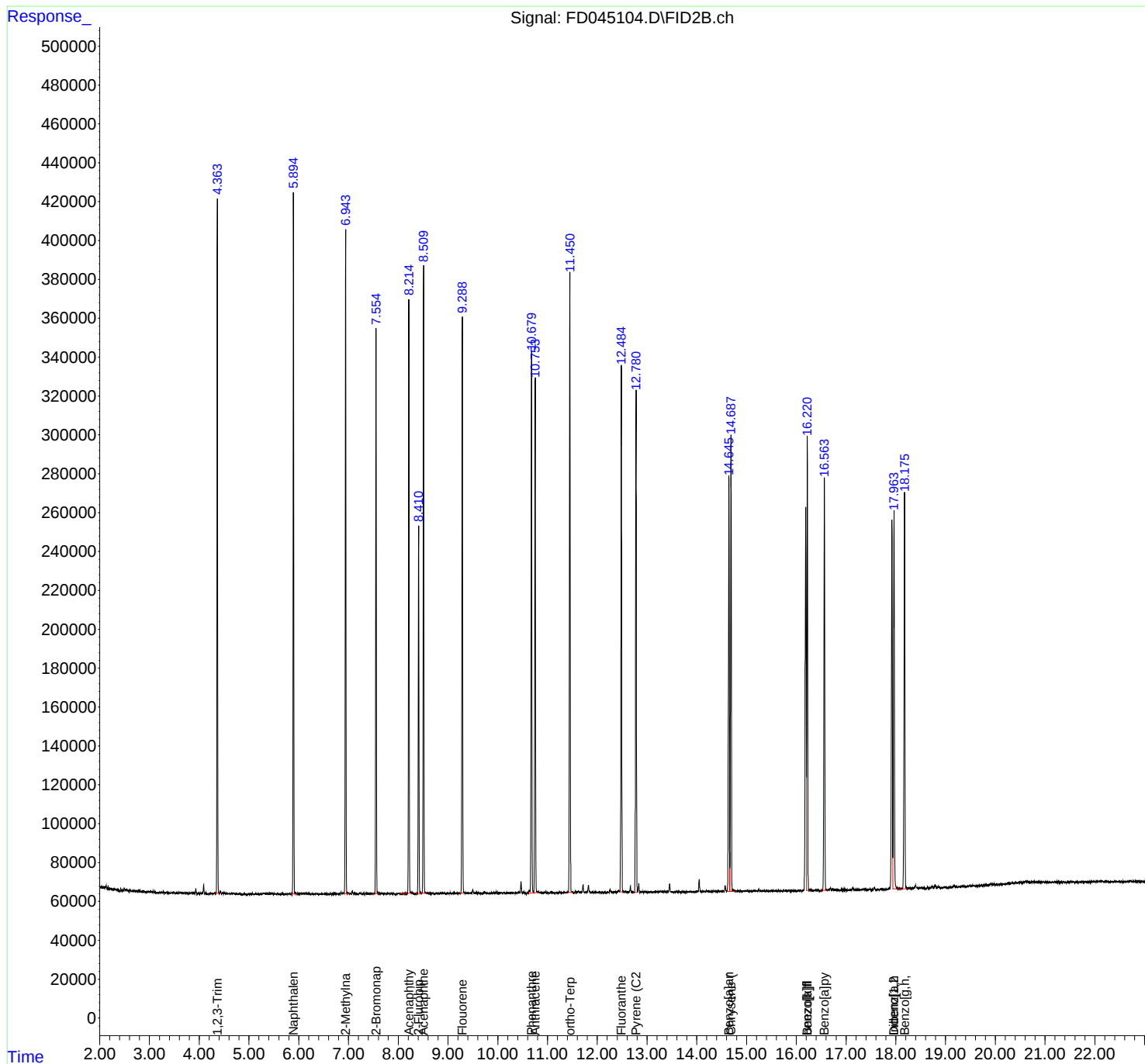
(f)=RT Delta > 1/2 Window

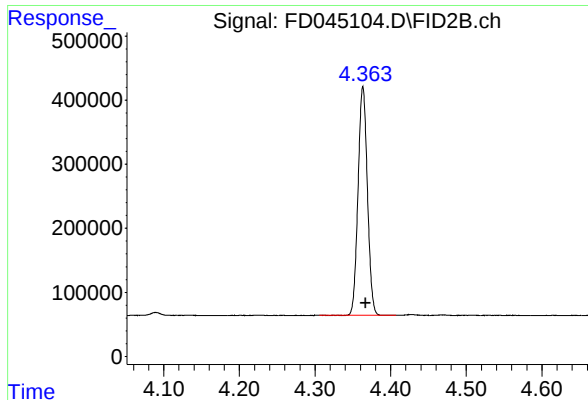
(m)=manual int.

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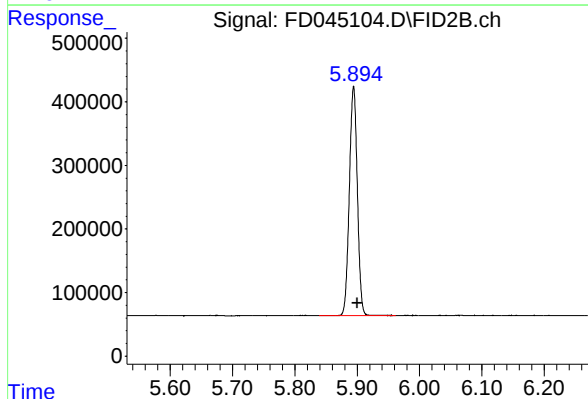
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





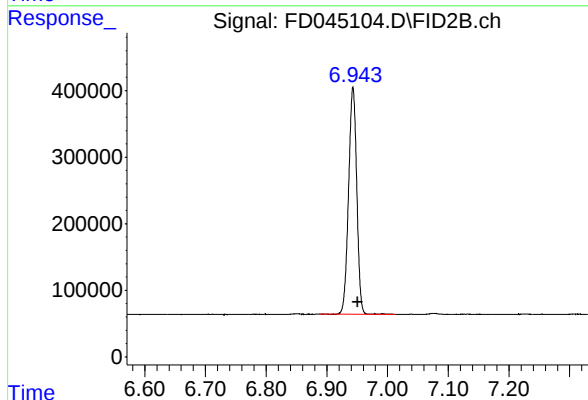
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3063791
Conc: 20.46 ug/ml



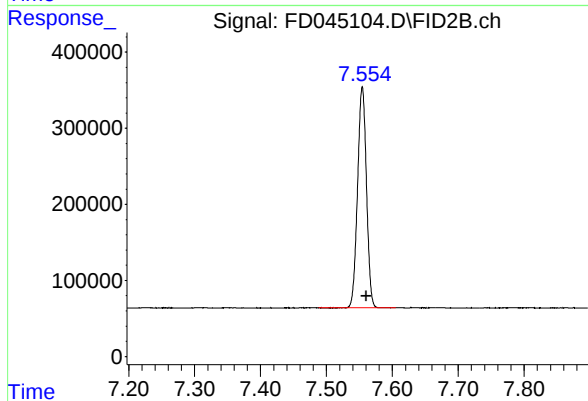
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 3208748
Conc: 20.44 ug/ml



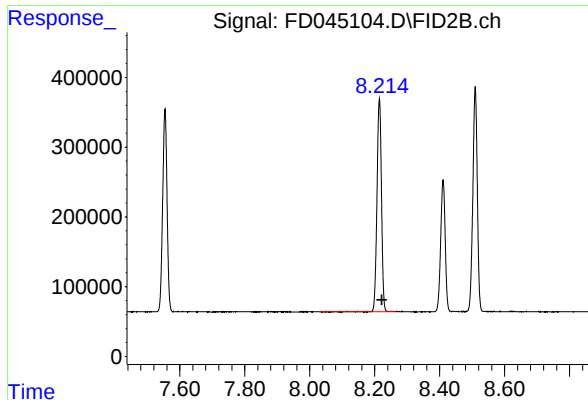
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 3202407
Conc: 20.47 ug/ml



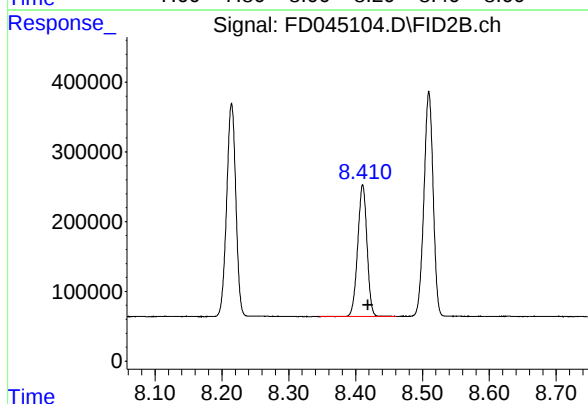
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 2727766
Conc: 20.34 ug/ml



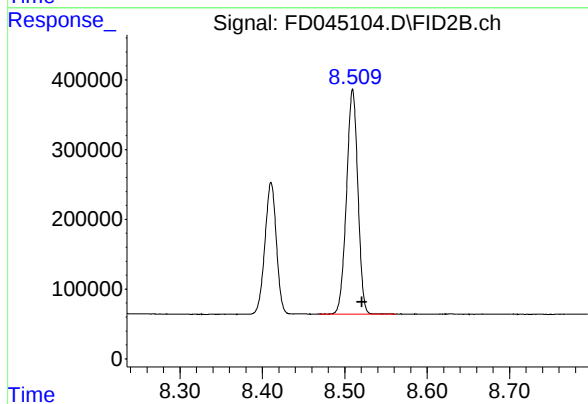
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.009 min
Response: 2894447
Conc: 20.27 ug/ml



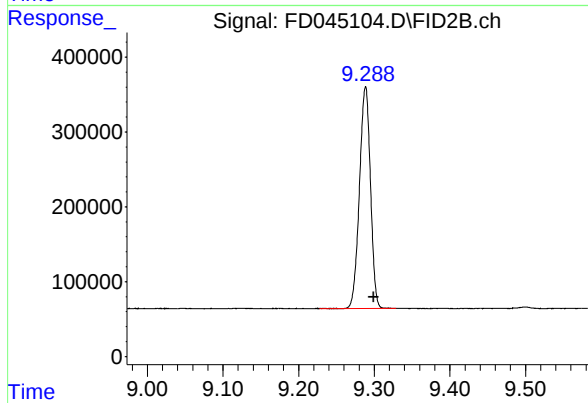
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.008 min
Response: 1823146
Conc: 20.34 ug/ml



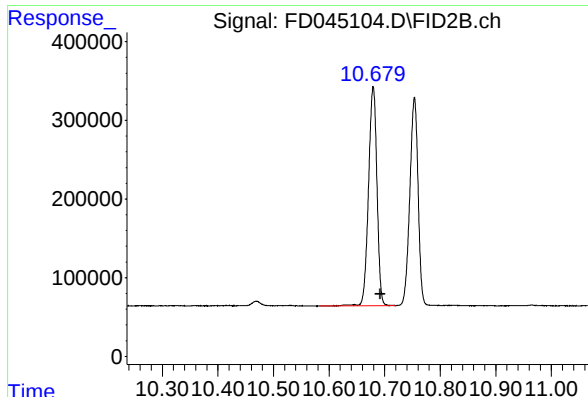
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.011 min
Response: 3081290
Conc: 20.43 ug/ml



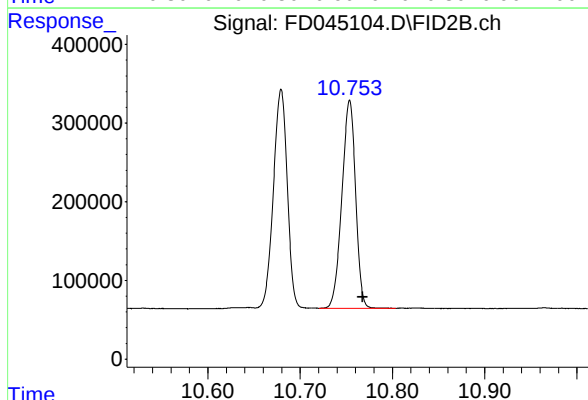
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.011 min
Response: 2993747
Conc: 20.31 ug/ml



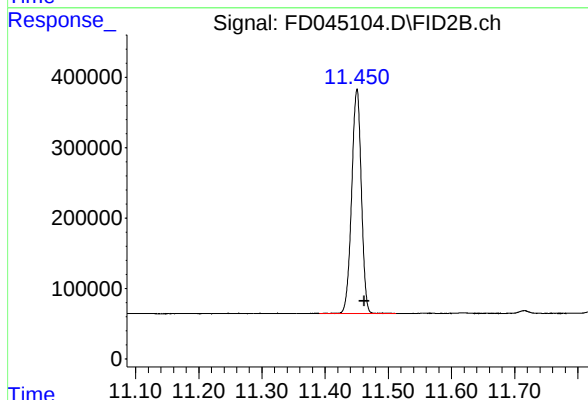
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.013 min
Response: 2938771
Conc: 20.30 ug/ml



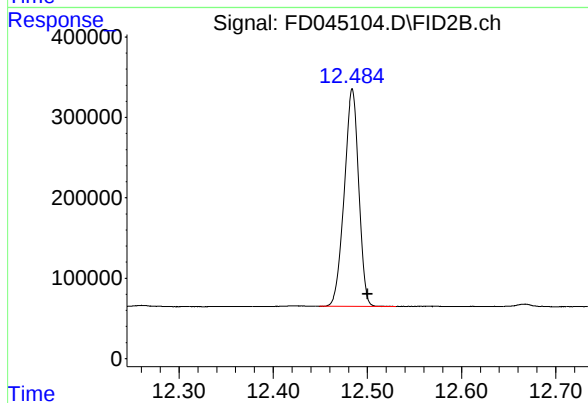
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.014 min
Response: 2732816
Conc: 20.18 ug/ml



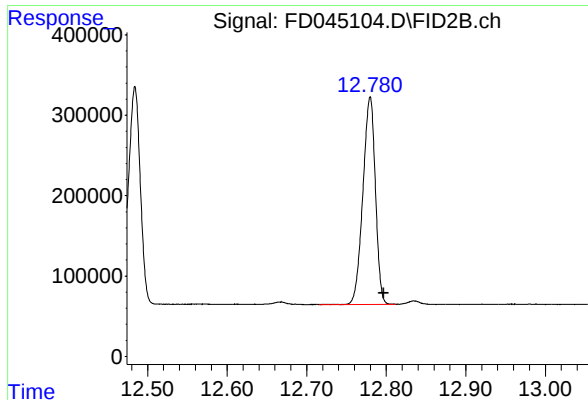
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.012 min
Response: 3380446
Conc: 20.10 ug/ml



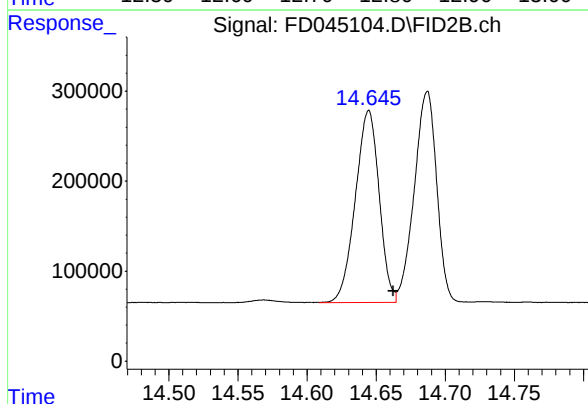
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.016 min
Response: 2879153
Conc: 20.09 ug/ml



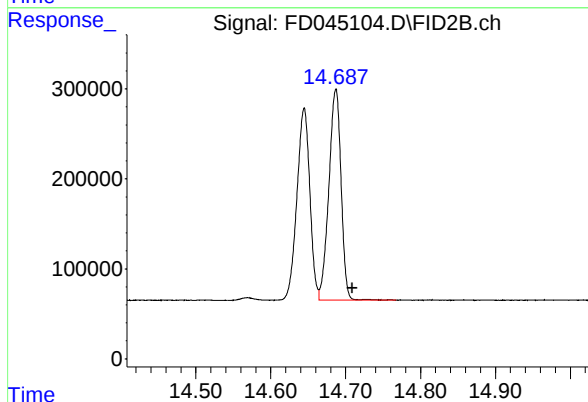
#13 Pyrene (C20.8)

R.T.: 12.780 min
Delta R.T.: -0.017 min
Response: 2819462
Conc: 20.14 ug/ml



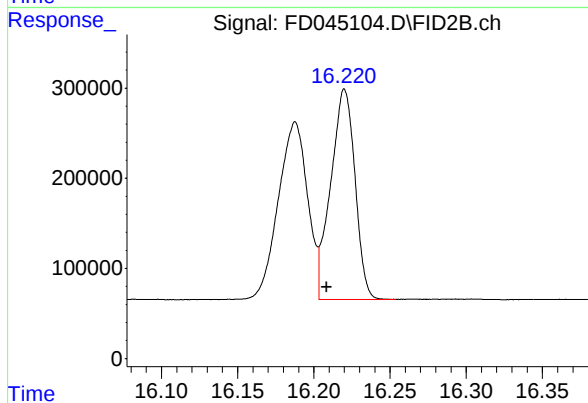
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: -0.018 min
Response: 2555807
Conc: 20.09 ug/ml



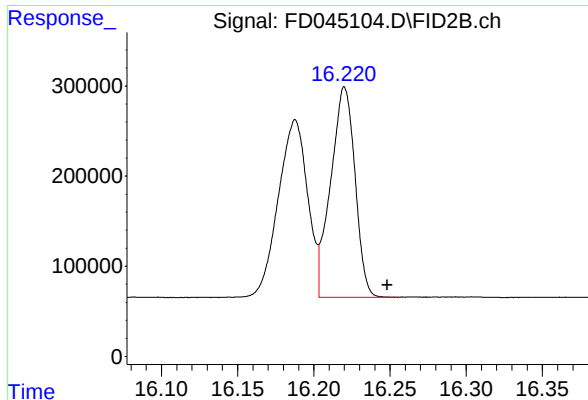
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.022 min
Response: 2665205
Conc: 20.13 ug/ml



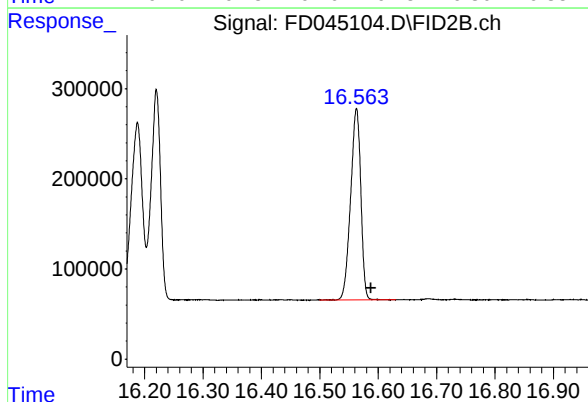
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.220 min
Delta R.T.: 0.012 min
Response: 2594470
Conc: 19.78 ug/ml



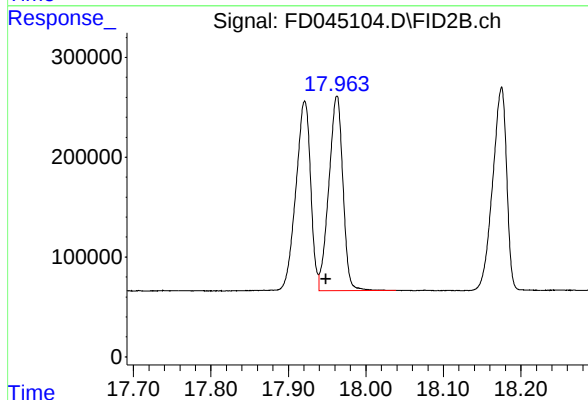
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: -0.028 min
Response: 2594470
Conc: 20.01 ug/ml



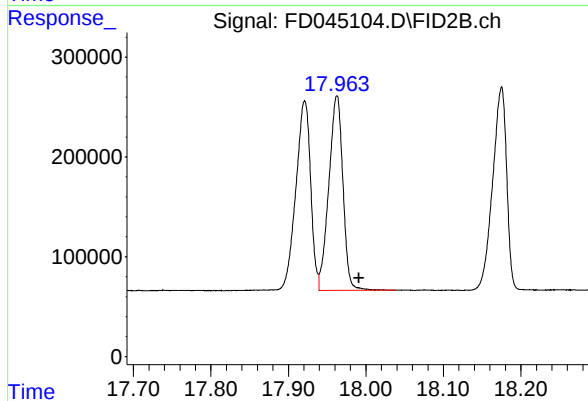
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: -0.025 min
Response: 2573391
Conc: 20.05 ug/ml



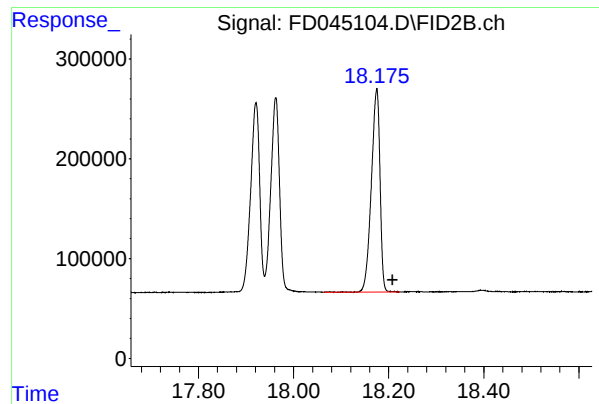
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.962 min
Delta R.T.: 0.014 min
Response: 2463481
Conc: 19.61 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.029 min
Response: 2463481
Conc: 20.14 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.034 min
Response: 2569357
Conc: 20.25 ug/ml