

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045001.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 14:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:23:30 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...	7.553	2669753	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
6) S 2-Fluorobiphenyl (SURR)	8.409	1802640	18.060 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.12%
11) S ortho-Terphenyl (SURR)	11.450	3351969	18.035 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	2930001	18.355 ug/ml
2) T Naphthalene (C11.7)	5.892	3106097	18.332 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3131740	18.255 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2878174	18.316 ug/ml
7) T Acenaphthene (C15.5)	8.508	3027739	18.210 ug/ml
8) T Flouorene (C16.55)	9.287	2973778	18.118 ug/ml
9) T Phenanthrene (C19.36)	10.679	2932131	18.135 ug/ml
10) T Anthracene (C19.43)	10.753	2743490	18.506 ug/ml
12) T Fluoranthene (C21.85)	12.484	2874915	17.963 ug/ml
13) T Pyrene (C20.8)	12.779	2808659	17.899 ug/ml
14) T Benzo[a]anthracene (C...	14.644	2517178	17.637 ug/ml
15) T Chrysene (C27.41)	14.687	2626193	17.737 ug/ml
16) T benzo[b]fluoranthene ...	16.187	2575968	17.757 ug/ml
17) T Bnezo[k]fluoranthene ...	16.219	2531311	17.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	2497173	17.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	2441610	18.144 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	2396496	18.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.173	2466632	18.141 ug/ml

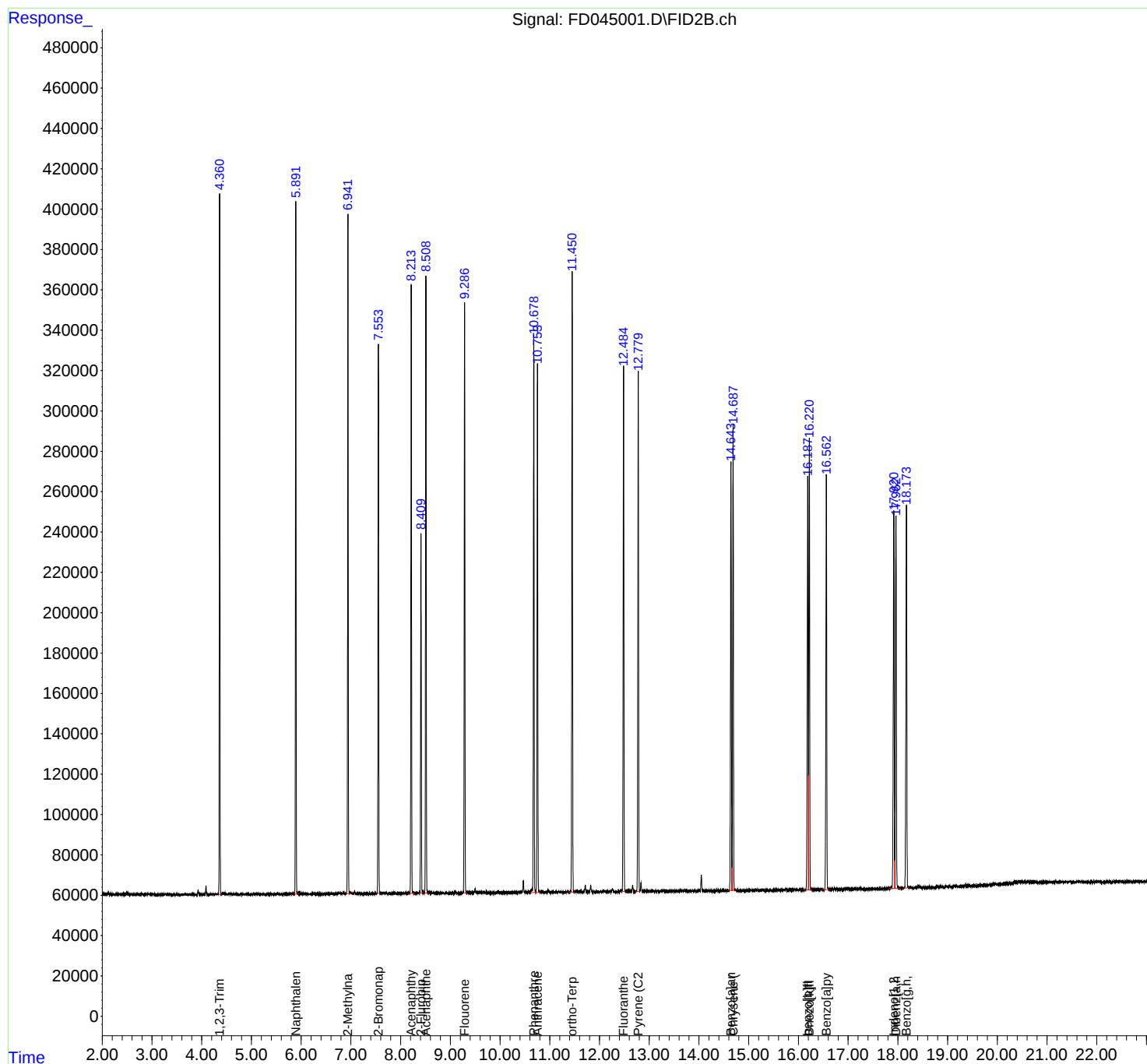
(f)=RT Delta > 1/2 Window

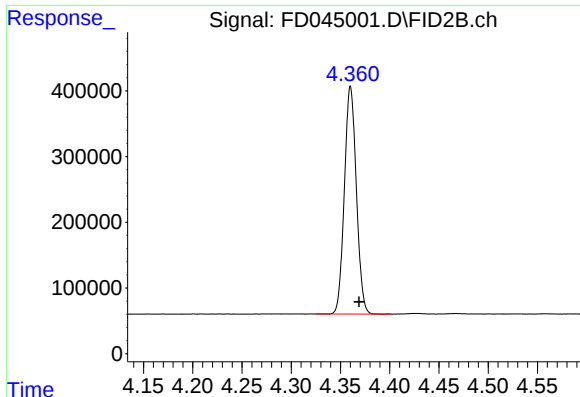
(m)=manual int.

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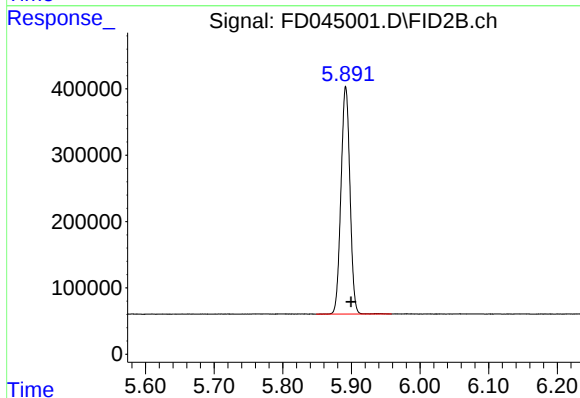
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Signal Info : 20M x 0.18mm x 0.18µm





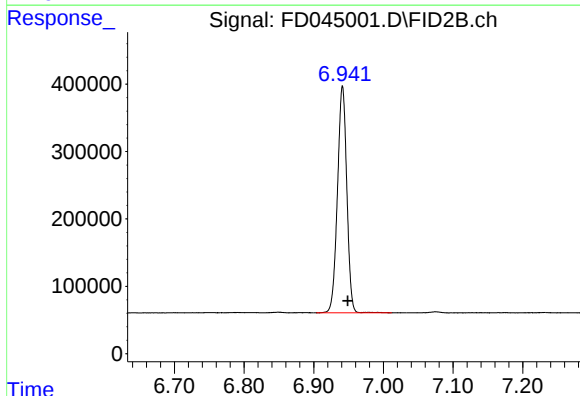
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.360 min
Delta R.T.: -0.009 min
Response: 2930001
Conc: 18.36 ug/ml



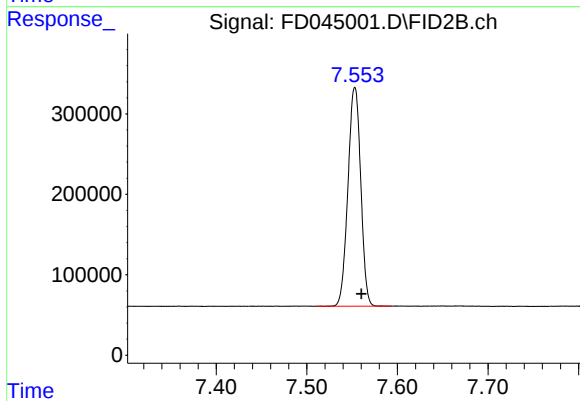
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.008 min
Response: 3106097
Conc: 18.33 ug/ml



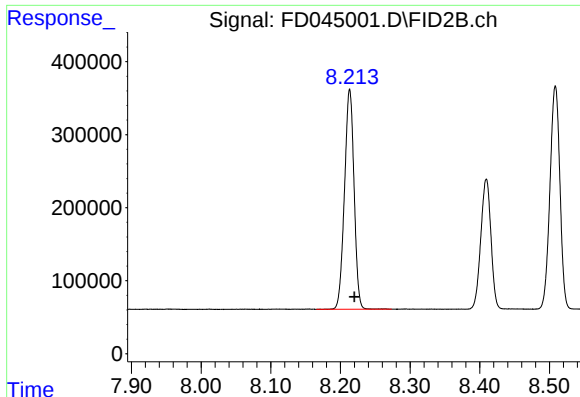
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 3131740
Conc: 18.25 ug/ml



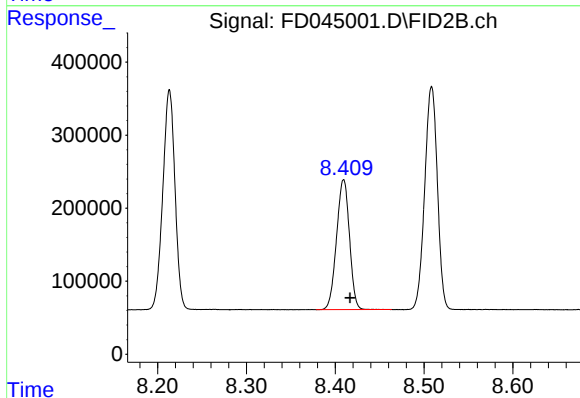
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: -0.007 min
Response: 2669753
Conc: 18.20 ug/ml



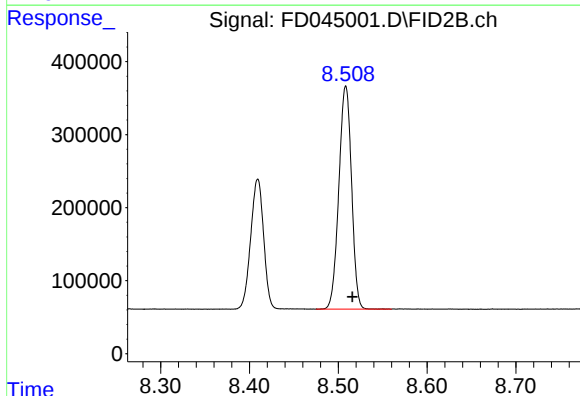
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.007 min
Response: 2878174
Conc: 18.32 ug/ml



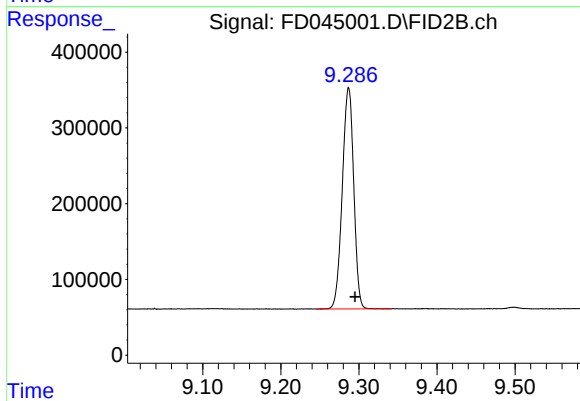
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: -0.007 min
Response: 1802640
Conc: 18.06 ug/ml



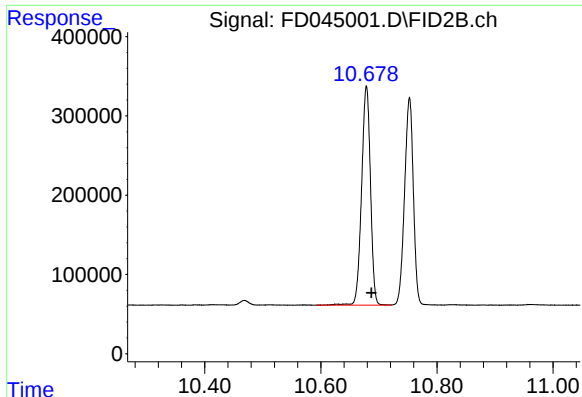
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.007 min
Response: 3027739
Conc: 18.21 ug/ml



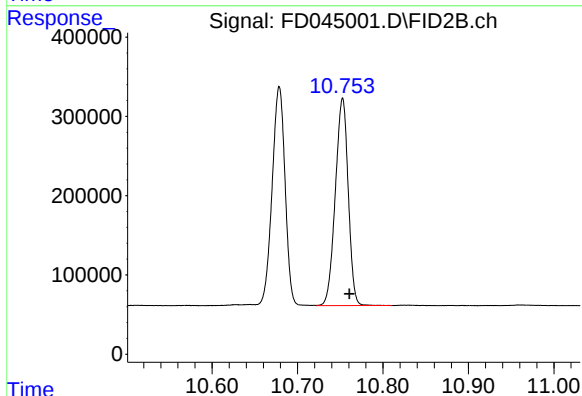
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.008 min
Response: 2973778
Conc: 18.12 ug/ml



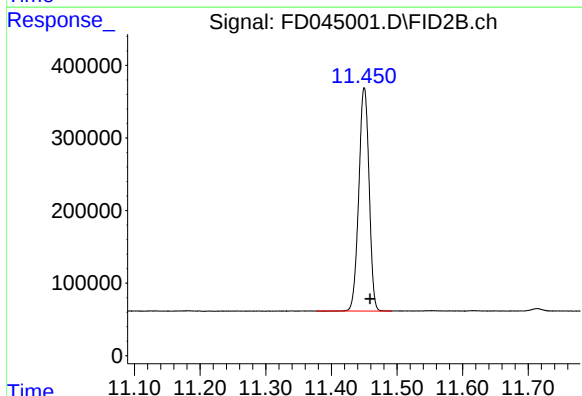
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.009 min
Response: 2932131
Conc: 18.14 ug/ml



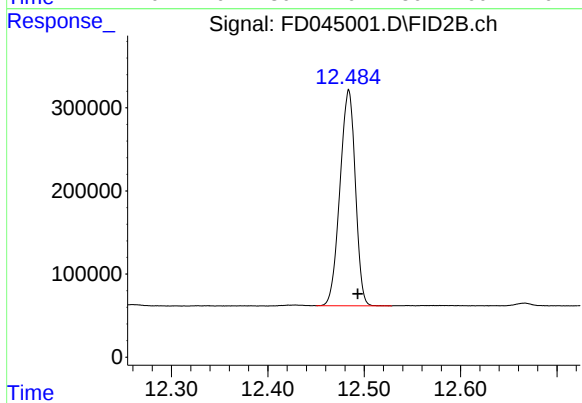
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: -0.008 min
Response: 2743490
Conc: 18.51 ug/ml



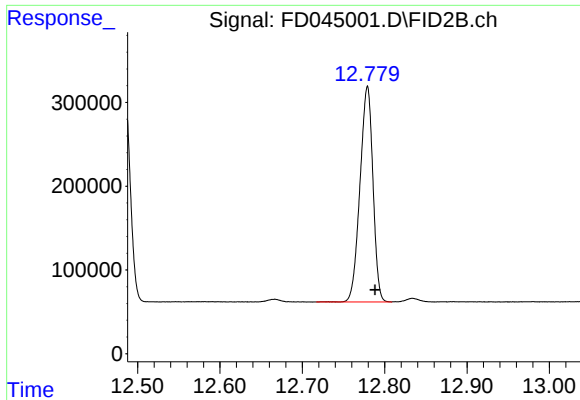
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.009 min
Response: 3351969
Conc: 18.03 ug/ml



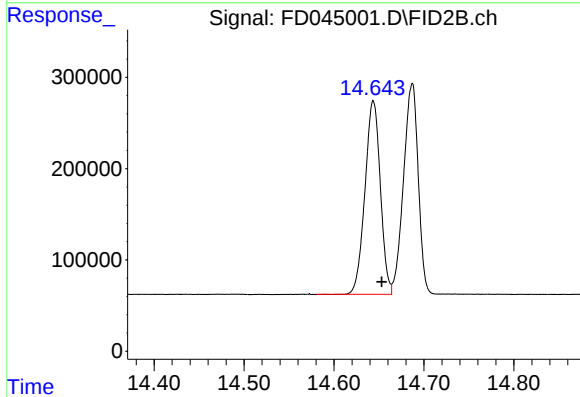
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.009 min
Response: 2874915
Conc: 17.96 ug/ml



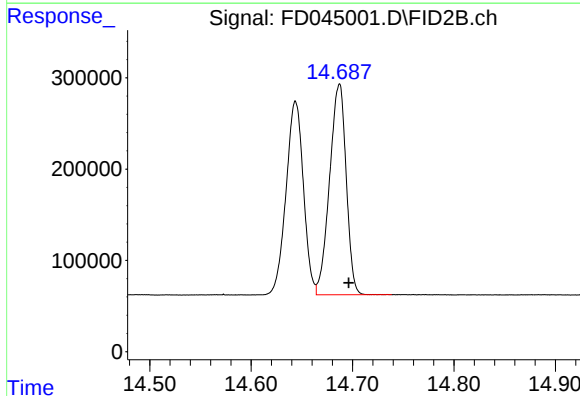
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.010 min
Response: 2808659
Conc: 17.90 ug/ml



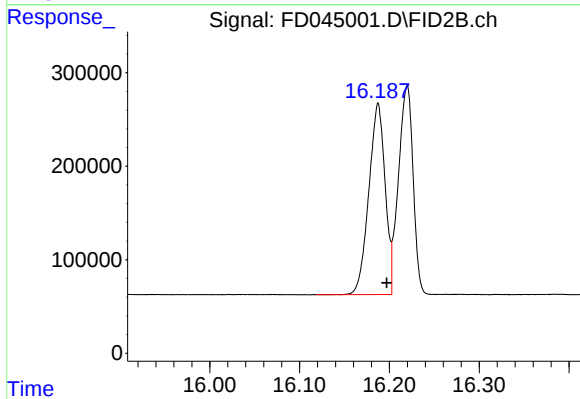
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.010 min
Response: 2517178
Conc: 17.64 ug/ml



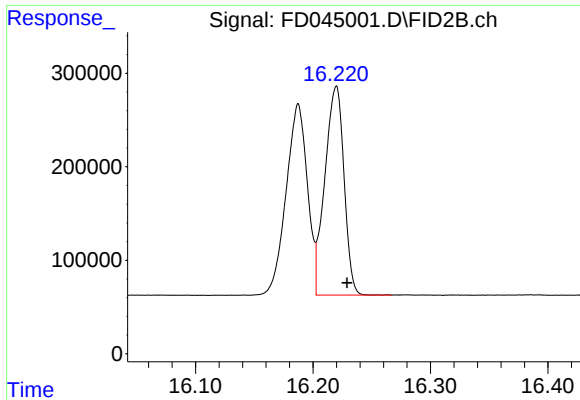
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.010 min
Response: 2626193
Conc: 17.74 ug/ml



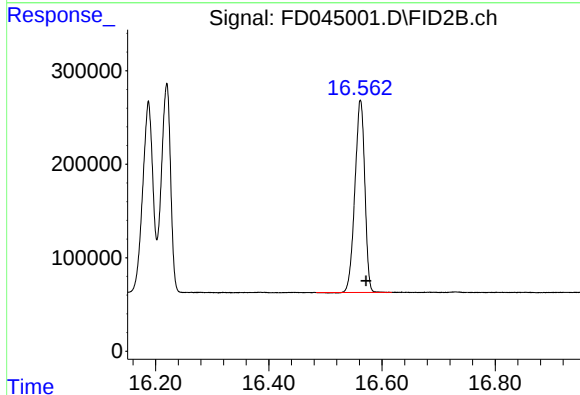
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 2575968
Conc: 17.76 ug/ml



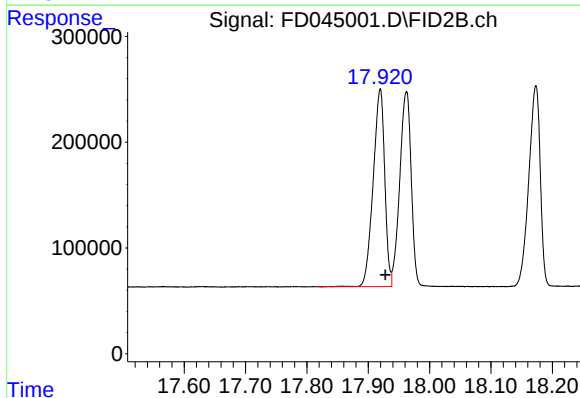
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.219 min
Delta R.T.: -0.010 min
Response: 2531311
Conc: 17.75 ug/ml



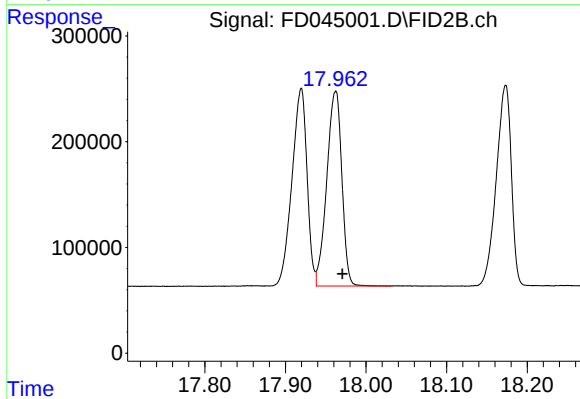
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: -0.010 min
Response: 2497173
Conc: 17.87 ug/ml



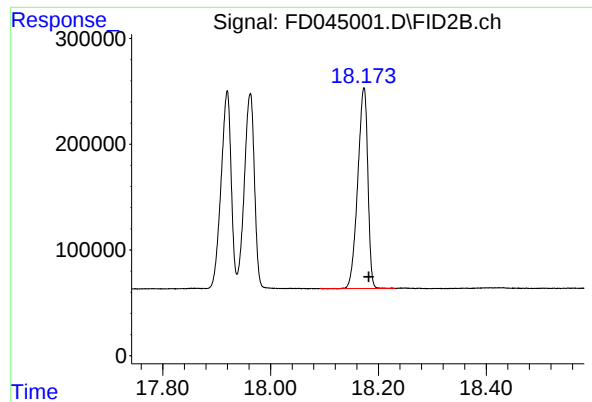
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: -0.009 min
Response: 2441610
Conc: 18.14 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.009 min
Response: 2396496
Conc: 18.08 ug/ml



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

R.T.: 18.173 min
Delta R.T.: -0.009 min
Response: 2466632
Conc: 18.14 ug/ml