

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021623AR\
 Data File : FD045044.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 10:13
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 01:42:58 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...	7.555	2663641	18.162 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
6) S 2-Fluorobiphenyl (SURR)	8.411	1780989	17.843 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.69%
11) S ortho-Terphenyl (SURR)	11.452	3318155	17.853 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	2943804	18.442 ug/ml
2) T Naphthalene (C11.7)	5.896	3099402	18.293 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3113746	18.150 ug/ml
5) T Acenaphthylene (C15.06)	8.215	2843070	18.092 ug/ml
7) T Acenaphthene (C15.5)	8.511	3004173	18.068 ug/ml
8) T Fluorene (C16.55)	9.289	2931953	17.863 ug/ml
9) T Phenanthrene (C19.36)	10.681	2874247	17.777 ug/ml
10) T Anthracene (C19.43)	10.755	2669829	18.009 ug/ml
12) T Fluoranthene (C21.85)	12.486	2838336	17.735 ug/ml
13) T Pyrene (C20.8)	12.781	2771631	17.663 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2505929	17.558 ug/ml
15) T Chrysene (C27.41)	14.688	2598324	17.549 ug/ml
16) T benzo[b]fluoranthene ...	16.189	2583238	17.807 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	2556859	17.934 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	2525807	18.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	2491784	18.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	2443355	18.438 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	2526037	18.578 ug/ml

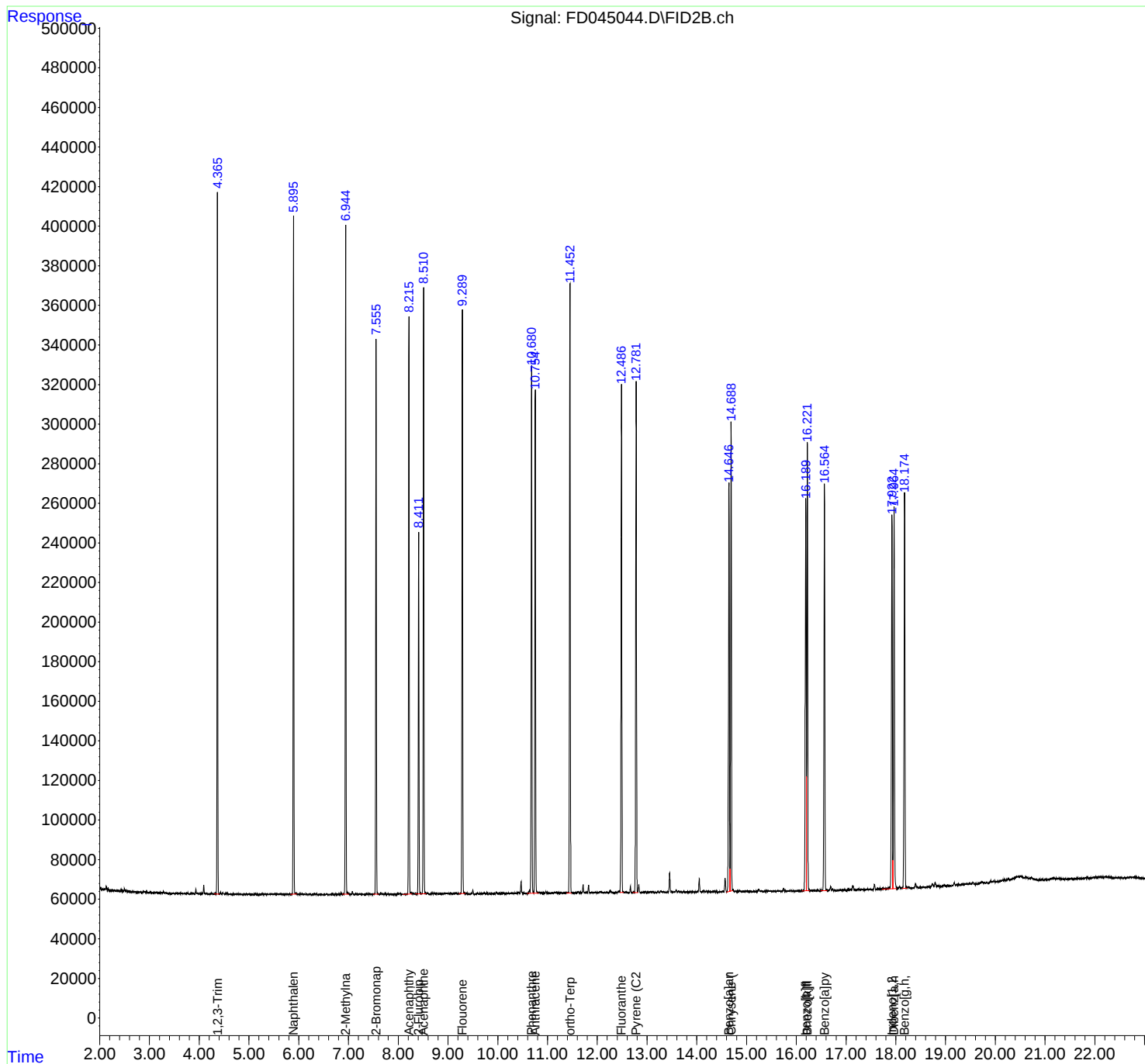
(f)=RT Delta > 1/2 Window

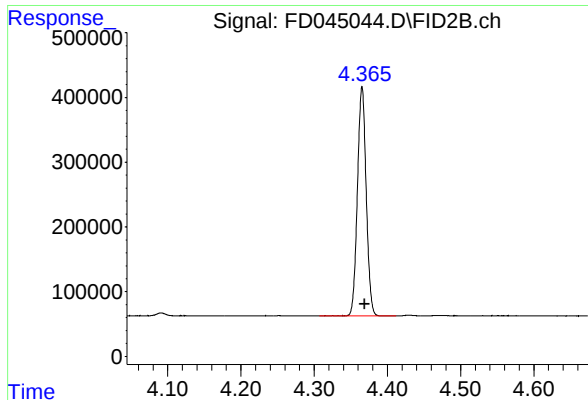
(m)=manual int.

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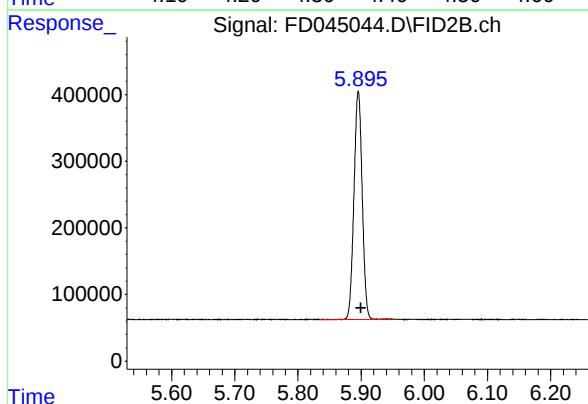
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Signal Info : 20M x 0.18mm x 0.18µm





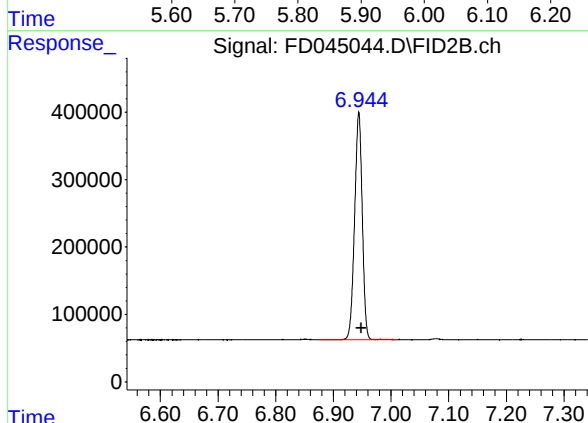
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 2943804
Conc: 18.44 ug/ml



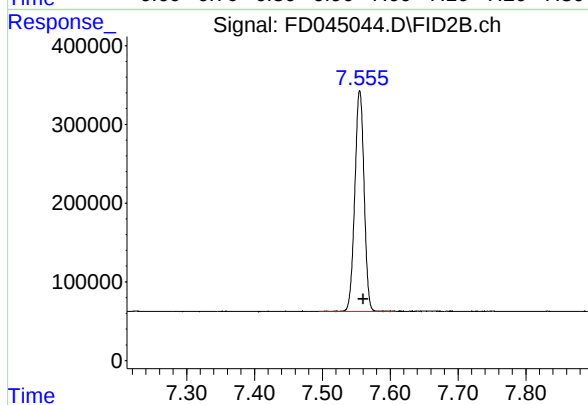
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3099402
Conc: 18.29 ug/ml



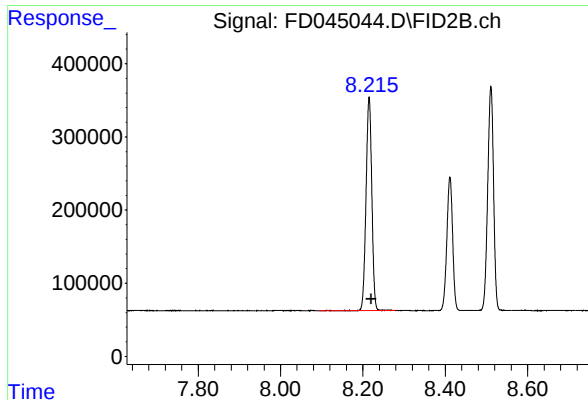
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3113746
Conc: 18.15 ug/ml



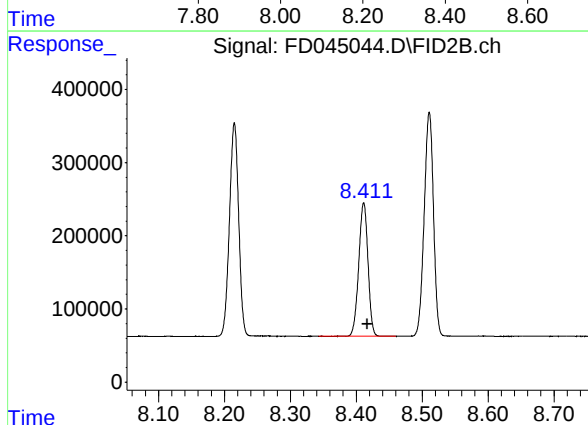
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 2663641
Conc: 18.16 ug/ml



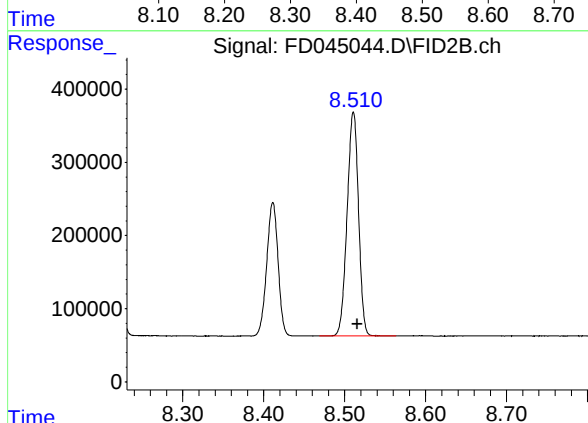
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 2843070
Conc: 18.09 ug/ml



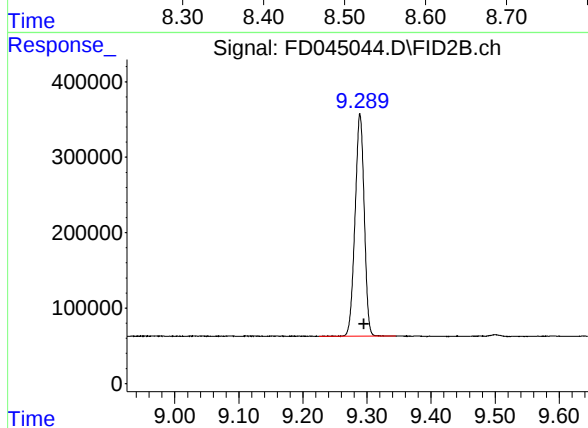
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 1780989
Conc: 17.84 ug/ml



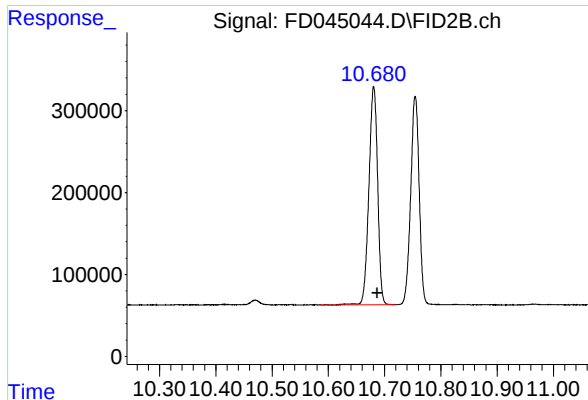
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3004173
Conc: 18.07 ug/ml



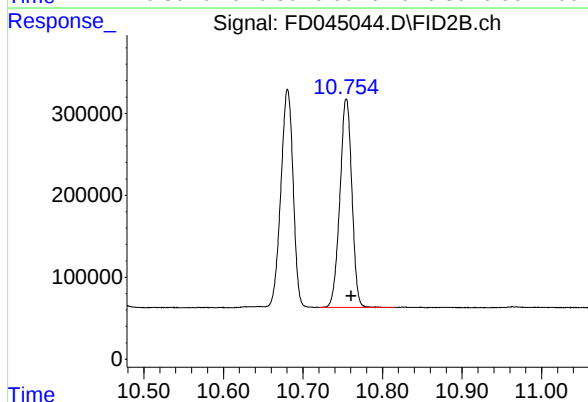
#8 Flouorene (C16.55)

R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 2931953
Conc: 17.86 ug/ml



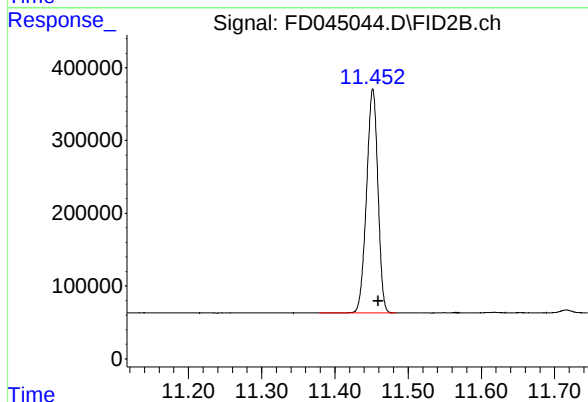
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.007 min
Response: 2874247
Conc: 17.78 ug/ml



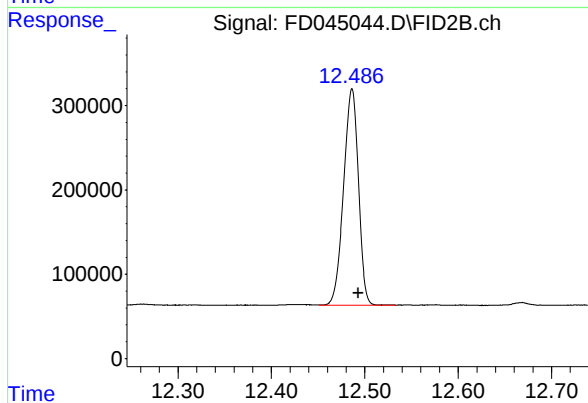
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2669829
Conc: 18.01 ug/ml



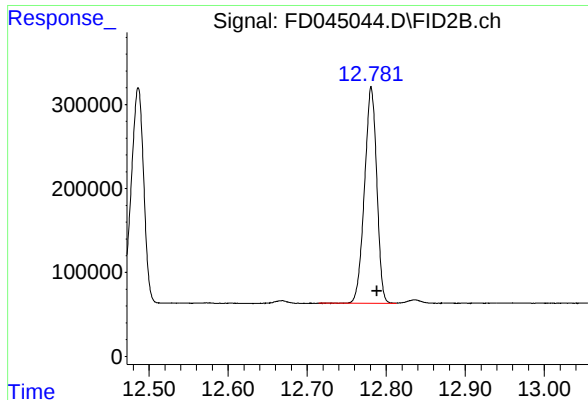
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 3318155
Conc: 17.85 ug/ml



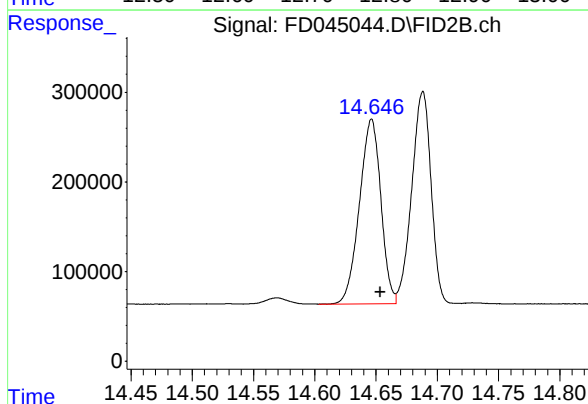
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 2838336
Conc: 17.73 ug/ml



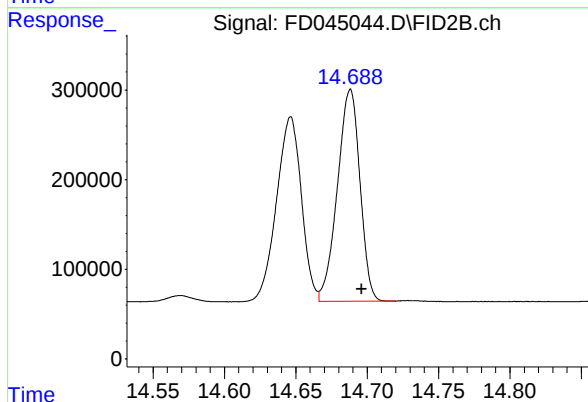
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 2771631
Conc: 17.66 ug/ml



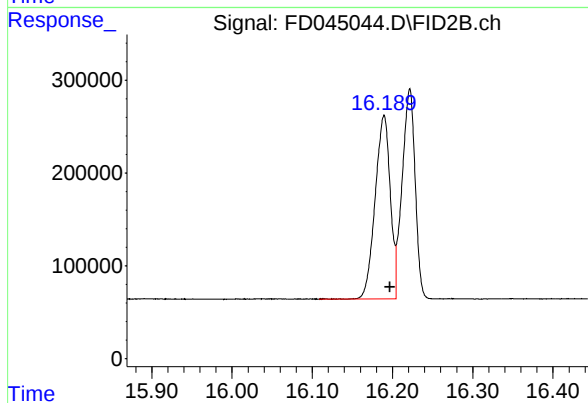
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.007 min
Response: 2505929
Conc: 17.56 ug/ml



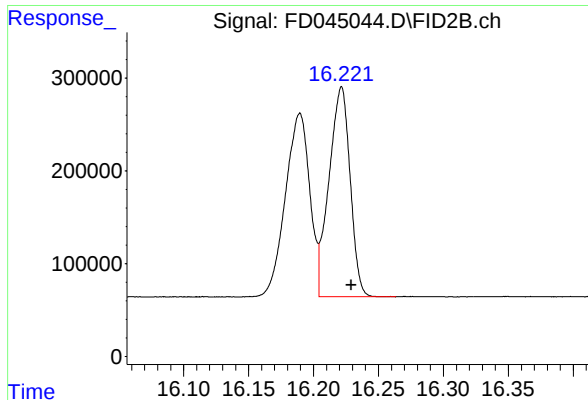
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.008 min
Response: 2598324
Conc: 17.55 ug/ml



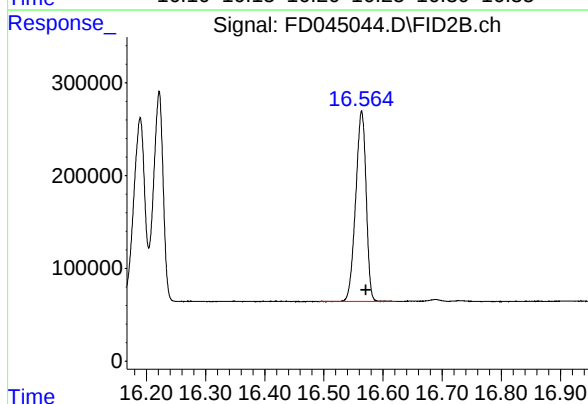
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 2583238
Conc: 17.81 ug/ml



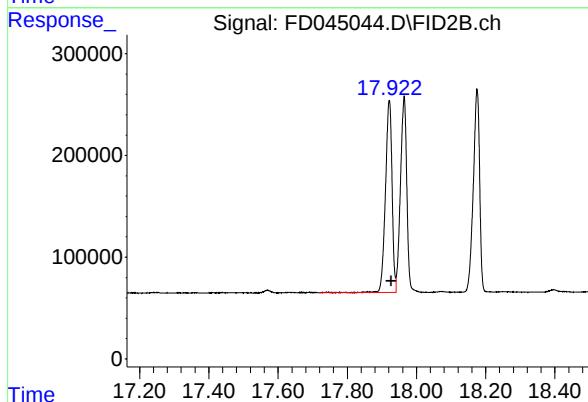
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: -0.008 min
Response: 2556859
Conc: 17.93 ug/ml



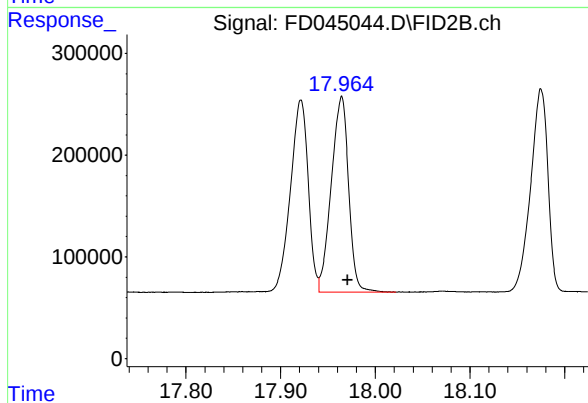
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: -0.008 min
Response: 2525807
Conc: 18.08 ug/ml



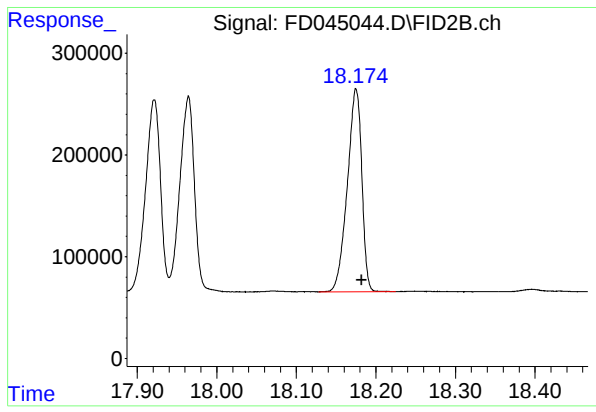
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: -0.007 min
Response: 2491784
Conc: 18.52 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.007 min
Response: 2443355
Conc: 18.44 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 2526037
Conc: 18.58 ug/ml