

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045042.D
 Signal(s) : FID2B.ch
 Acq On : 16 Feb 2023 08:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 11:08:22 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	2741241	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
6) S 2-Fluorobiphenyl (SURR)	8.411	1832248	18.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.71%
11) S ortho-Terphenyl (SURR)	11.451	3380327	18.188 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3038763	19.036 ug/ml
2) T Naphthalene (C11.7)	5.896	3188983	18.822 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3206790	18.692 ug/ml
5) T Acenaphthylene (C15.06)	8.216	2924424	18.610 ug/ml
7) T Acenaphthene (C15.5)	8.511	3085896	18.560 ug/ml
8) T Fluorene (C16.55)	9.290	3005482	18.311 ug/ml
9) T Phenanthrene (C19.36)	10.681	2929230	18.117 ug/ml
10) T Anthracene (C19.43)	10.755	2711206	18.288 ug/ml
12) T Fluoranthene (C21.85)	12.486	2872067	17.946 ug/ml
13) T Pyrene (C20.8)	12.781	2791469	17.790 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2490276	17.448 ug/ml
15) T Chrysene (C27.41)	14.689	2583074	17.446 ug/ml
16) T benzo[b]fluoranthene ...	16.189	2578162	17.772 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2537358	17.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2513145	17.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	2477556	18.411 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	2406356	18.159 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	2517170	18.513 ug/ml

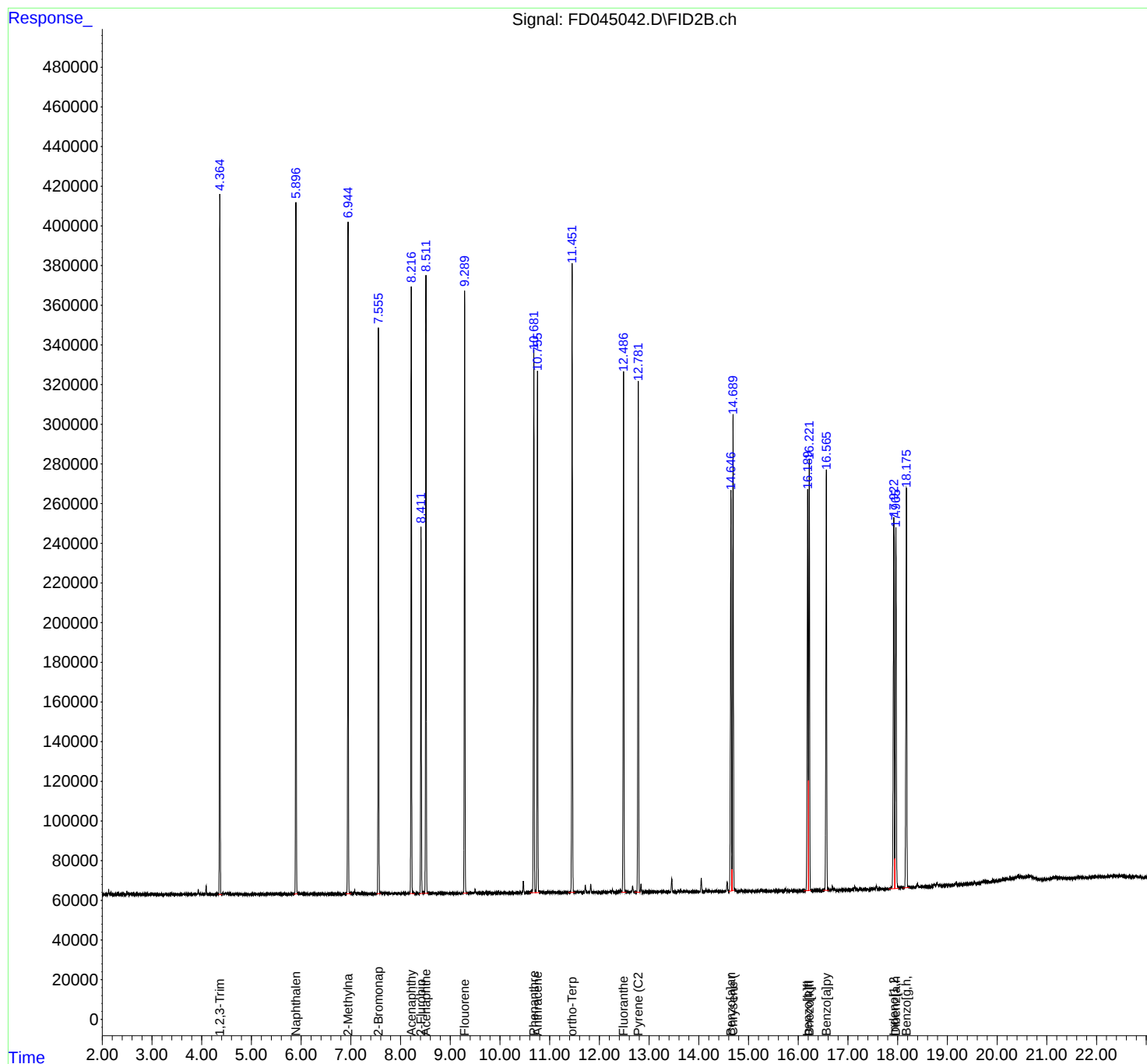
(f)=RT Delta > 1/2 Window

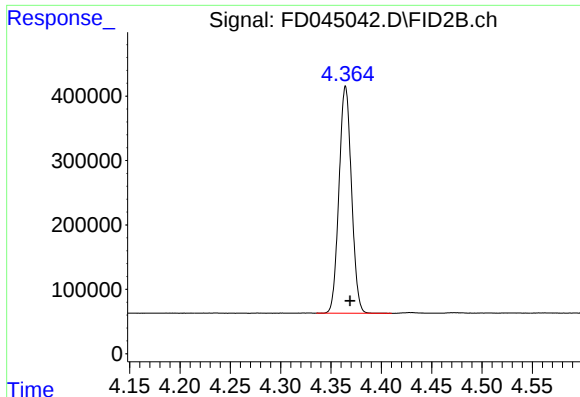
(m)=manual int.

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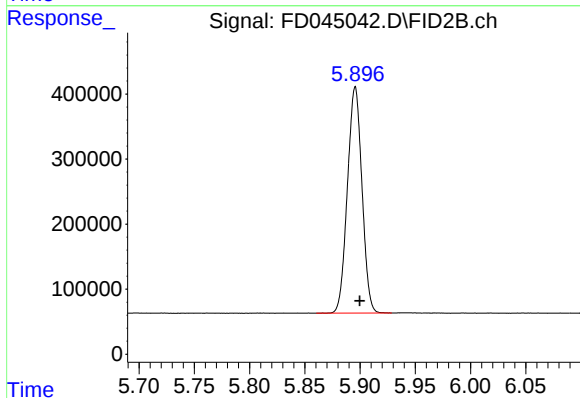
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Signal Info : 20M x 0.18mm x 0.18µm





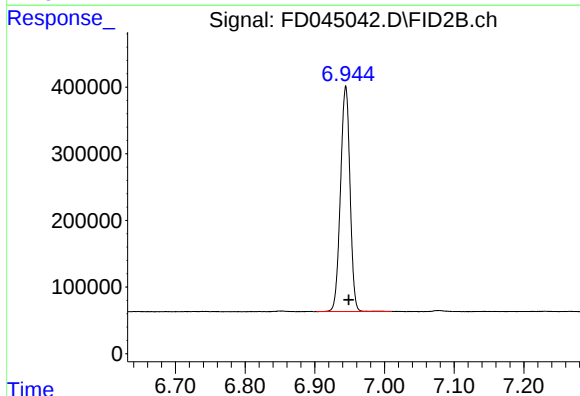
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3038763
Conc: 19.04 ug/ml



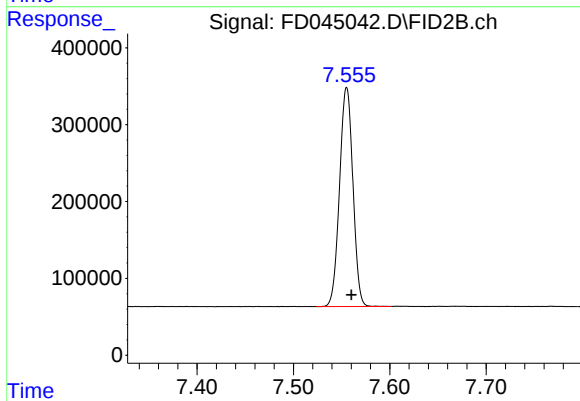
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3188983
Conc: 18.82 ug/ml



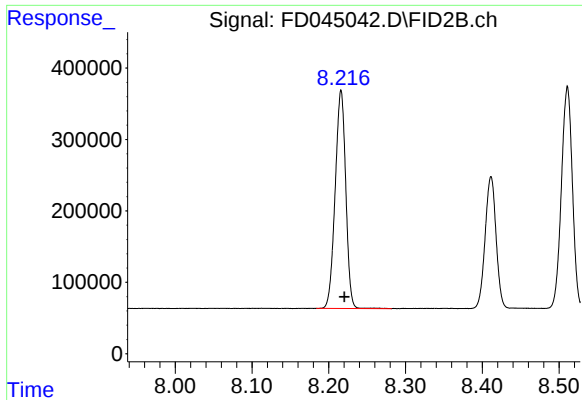
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 3206790
Conc: 18.69 ug/ml



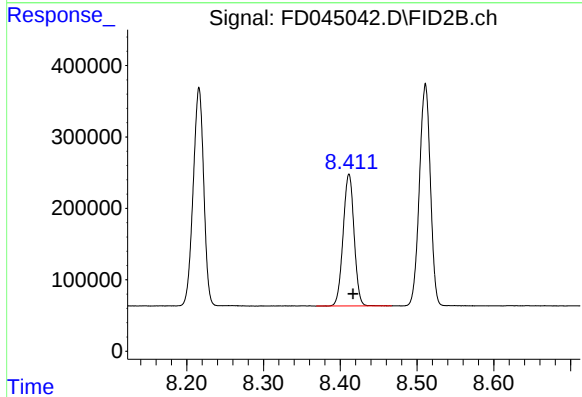
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 2741241
Conc: 18.69 ug/ml



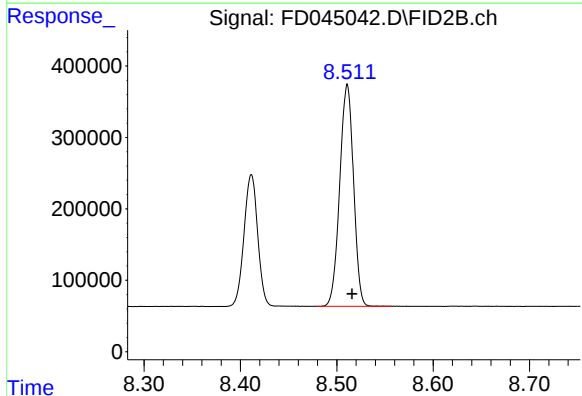
#5 Acenaphthylene (C15.06)

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 2924424
Conc: 18.61 ug/ml



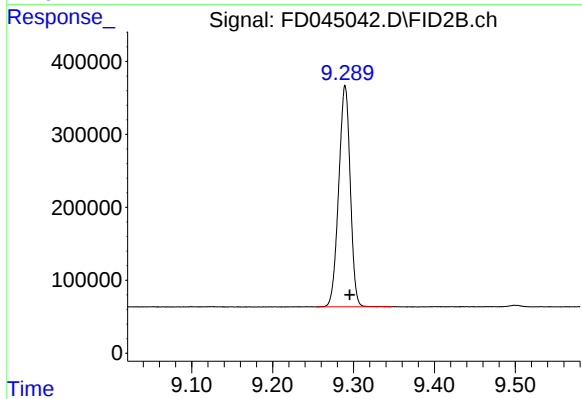
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 1832248
Conc: 18.36 ug/ml



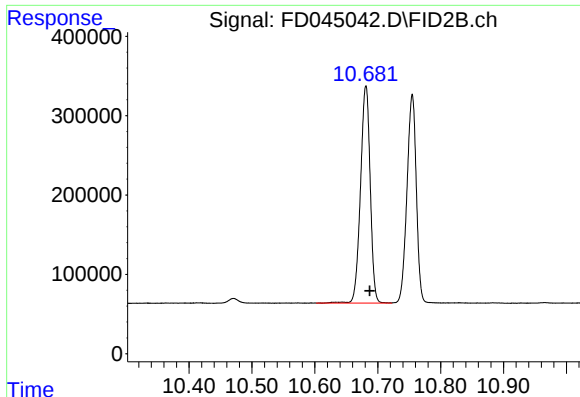
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3085896
Conc: 18.56 ug/ml



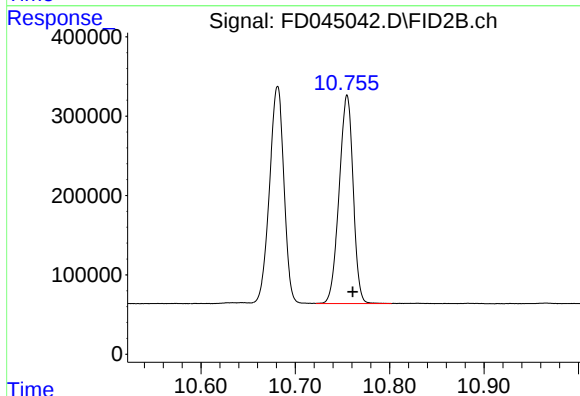
#8 Flouorene (C16.55)

R.T.: 9.290 min
Delta R.T.: -0.006 min
Response: 3005482
Conc: 18.31 ug/ml



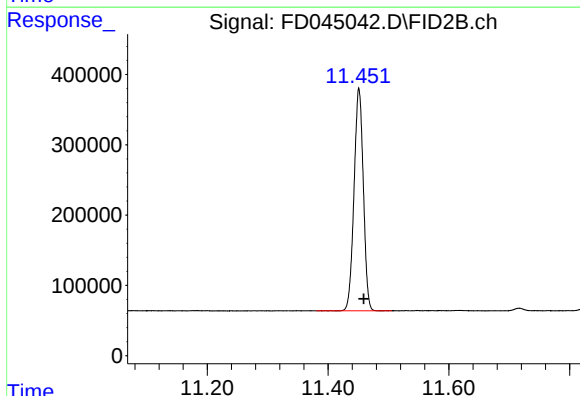
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 2929230
Conc: 18.12 ug/ml



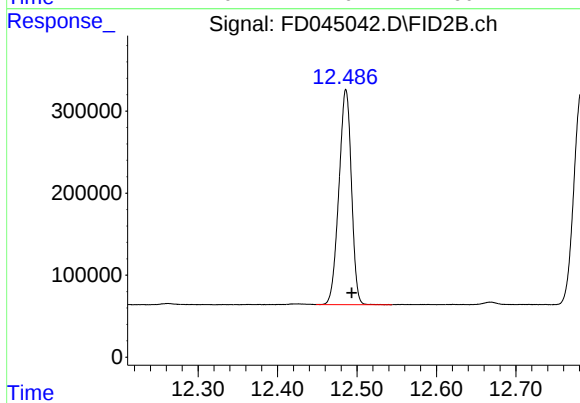
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2711206
Conc: 18.29 ug/ml



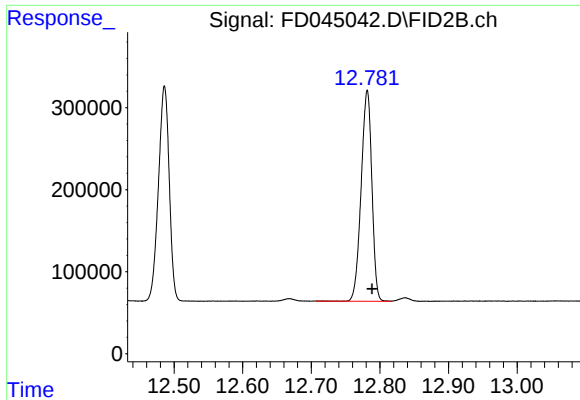
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.008 min
Response: 3380327
Conc: 18.19 ug/ml



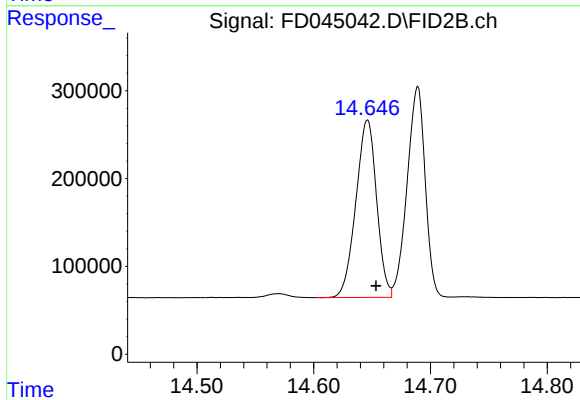
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 2872067
Conc: 17.95 ug/ml



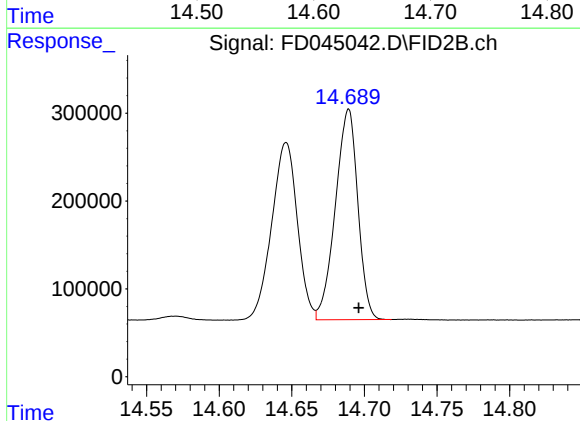
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 2791469
Conc: 17.79 ug/ml



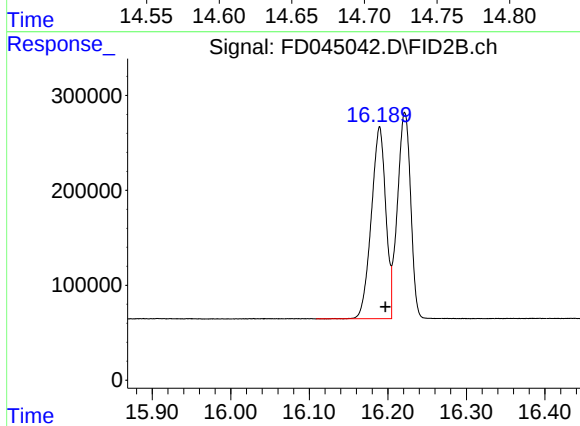
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.007 min
Response: 2490276
Conc: 17.45 ug/ml



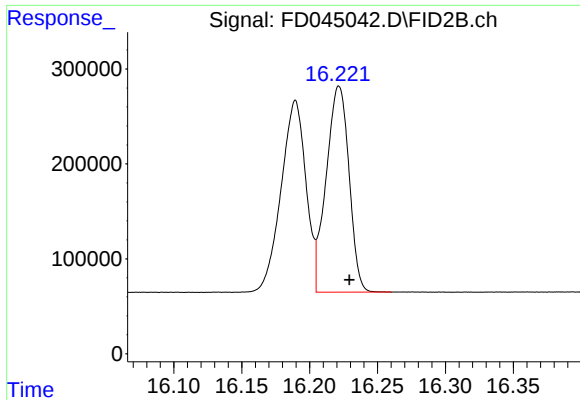
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.007 min
Response: 2583074
Conc: 17.45 ug/ml



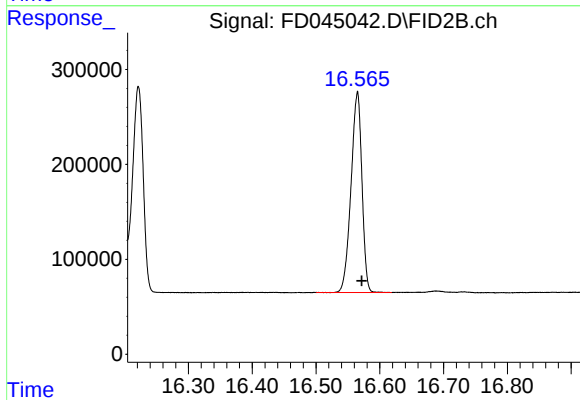
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 2578162
Conc: 17.77 ug/ml



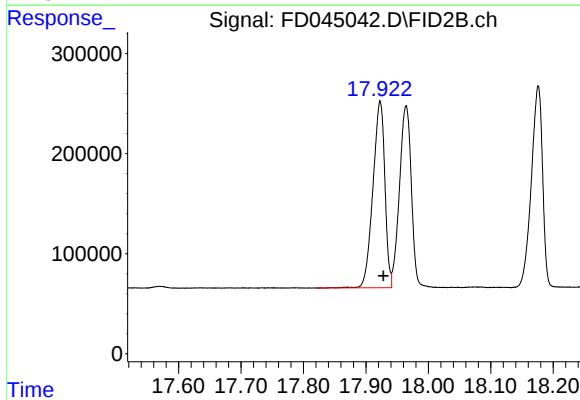
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.008 min
Response: 2537358
Conc: 17.80 ug/ml



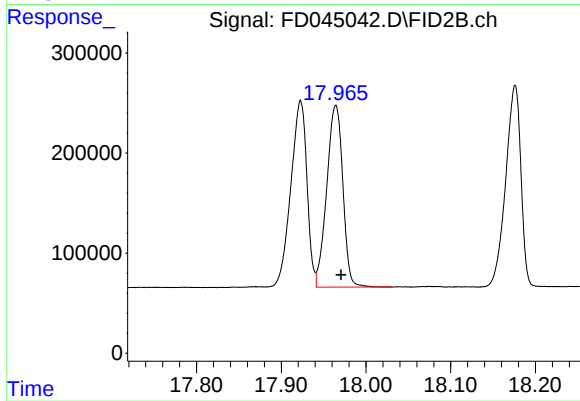
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.007 min
Response: 2513145
Conc: 17.98 ug/ml



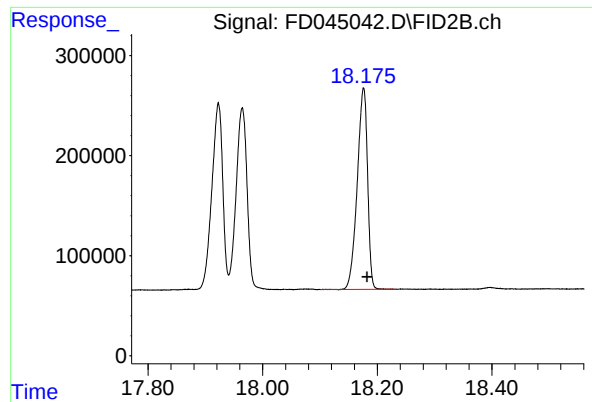
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: -0.005 min
Response: 2477556
Conc: 18.41 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.006 min
Response: 2406356
Conc: 18.16 ug/ml



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

R.T.: 18.176 min
Delta R.T.: -0.007 min
Response: 2517170
Conc: 18.51 ug/ml