

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050922AR\
 Data File : FD042382.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2022 21:55
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 10 01:45:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.335	2769036	19.755 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
6) S 2-Fluorobiphenyl (SURR)	8.187	1574283	22.094 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.19%
11) S ortho-Terphenyl (SURR)	11.209	3330711	19.216 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	3234740	20.778 ug/ml
2) T Naphthalene (C11.7)	5.680	3195210	20.255 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2758109	19.073 ug/ml
5) T Acenaphthylene (C15.06)	7.986	3159561	19.172 ug/ml
7) T Acenaphthene (C15.5)	8.278	3512272	18.708 ug/ml
8) T Fluorene (C16.55)	9.057	3076320	20.197 ug/ml
9) T Phenanthrene (C19.36)	10.443	2858204	19.249 ug/ml
10) T Anthracene (C19.43)	10.519	2764027	16.510 ug/ml
12) T Fluoranthene (C21.85)	12.245	2958884	18.863 ug/ml
13) T Pyrene (C20.8)	12.538	3028322	18.567 ug/ml
14) T Benzo[a]anthracene (C...	14.409	2510160	20.985 ug/ml
15) T Chrysene (C27.41)	14.450	3205942	17.475 ug/ml
16) T benzo[b]fluoranthene ...	15.957	2772708	21.118 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	3283199	18.991 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	2809290	19.040 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.703	2356371	23.608 ug/mlm
20) T Dibenz[a,h]anthracene...	17.740	3434955	21.885 ug/ml
21) T Benzo[g,h,i]perylene ...	17.952	2906836	20.990 ug/ml

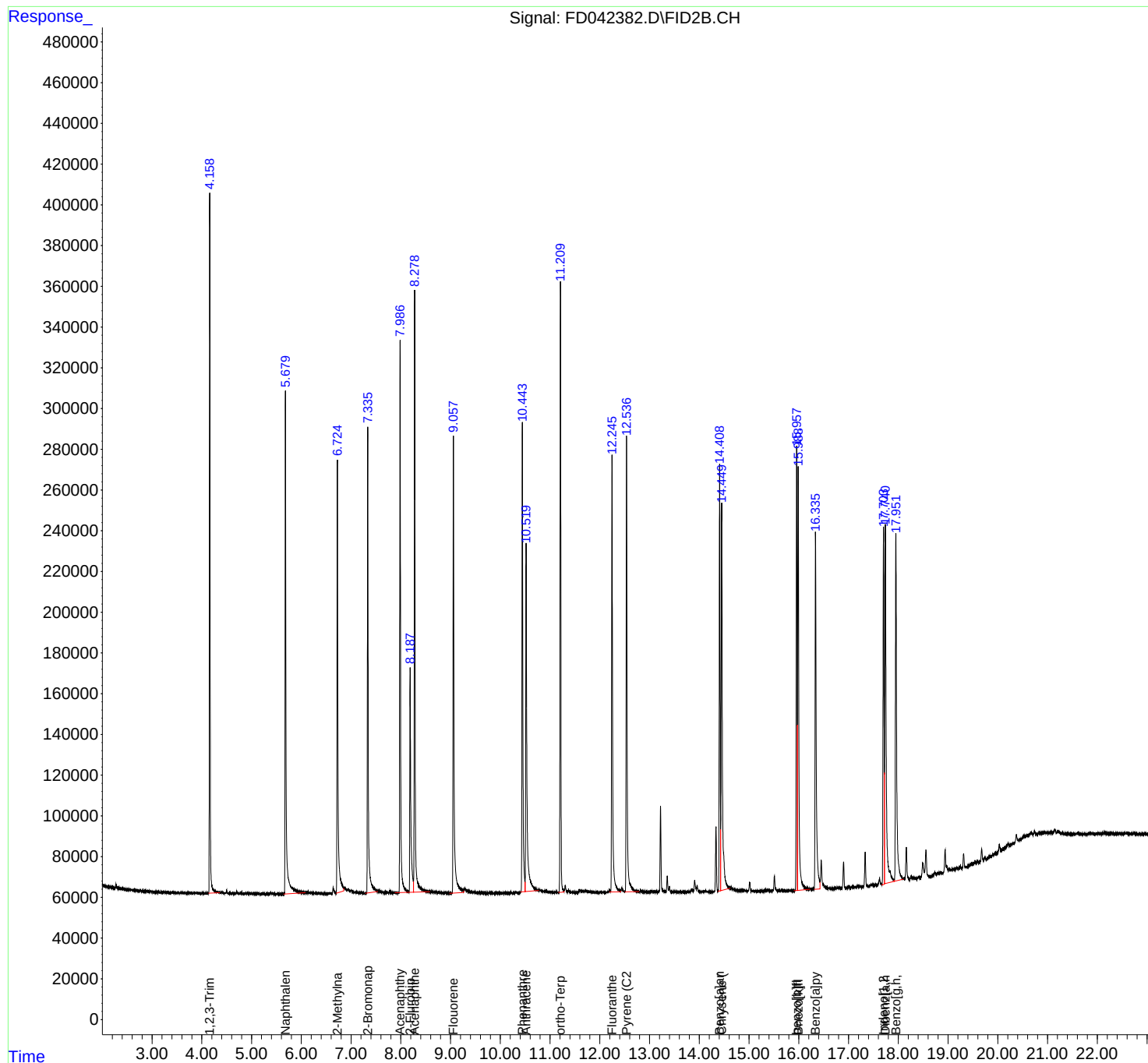
(f)=RT Delta > 1/2 Window

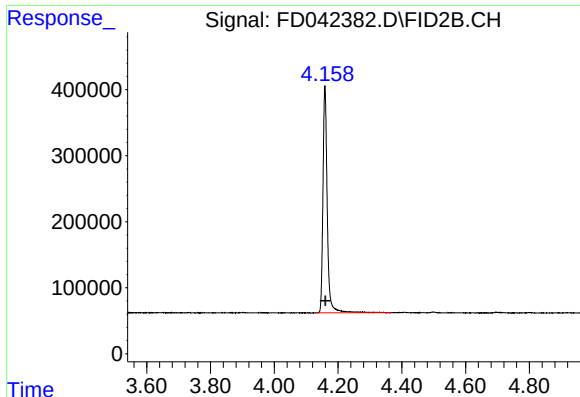
(m)=manual int.

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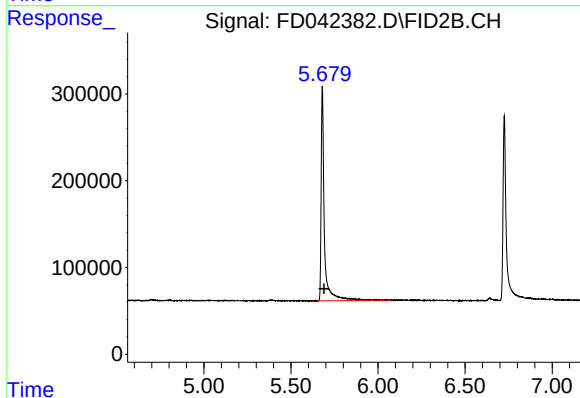
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Signal Info : 20M x 0.18mm x 0.18µm





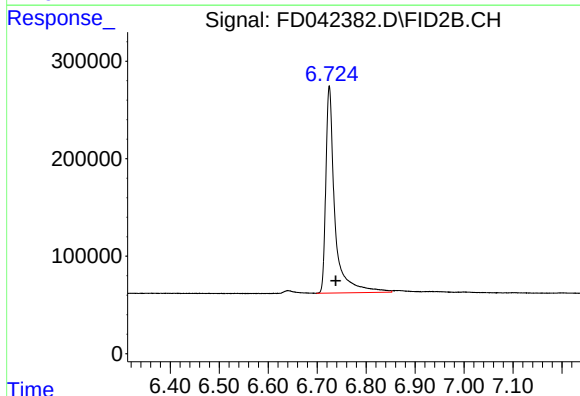
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 3234740
Conc: 20.78 ug/ml



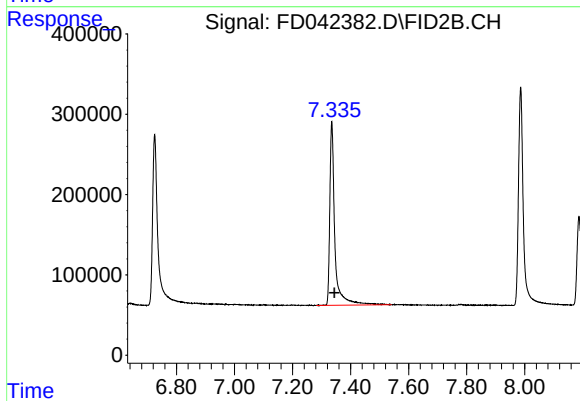
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 3195210
Conc: 20.25 ug/ml



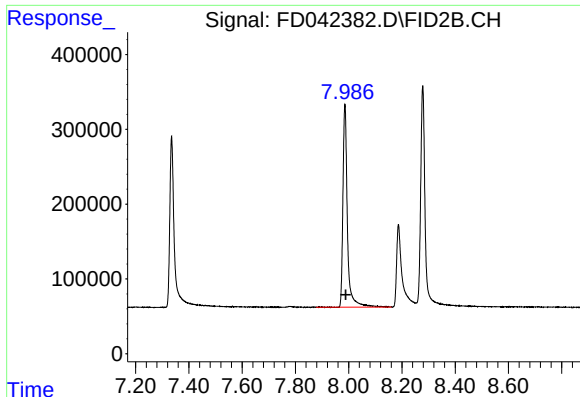
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.013 min
Response: 2758109
Conc: 19.07 ug/ml



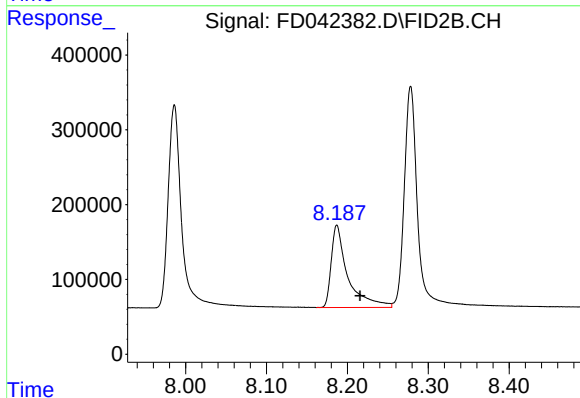
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 2769036
Conc: 19.76 ug/ml



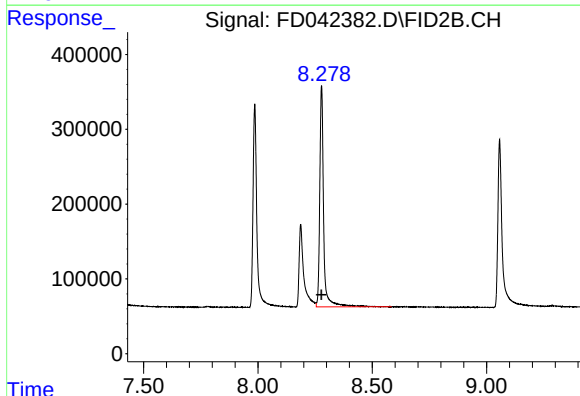
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.003 min
Response: 3159561
Conc: 19.17 ug/ml



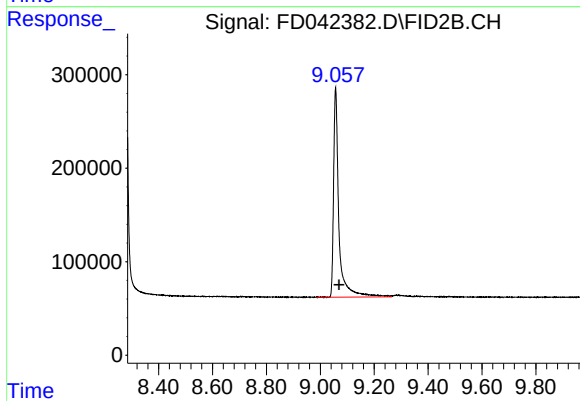
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.187 min
Delta R.T.: -0.028 min
Response: 1574283
Conc: 22.09 ug/ml



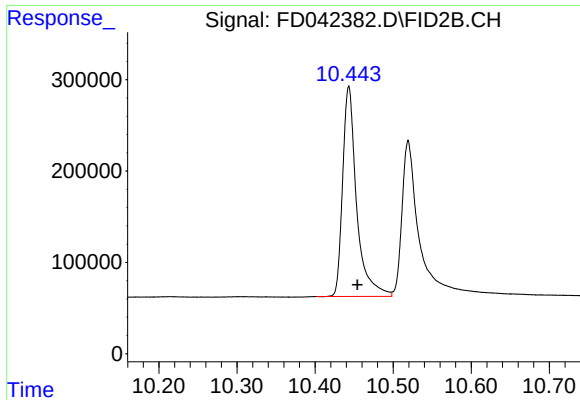
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 3512272
Conc: 18.71 ug/ml



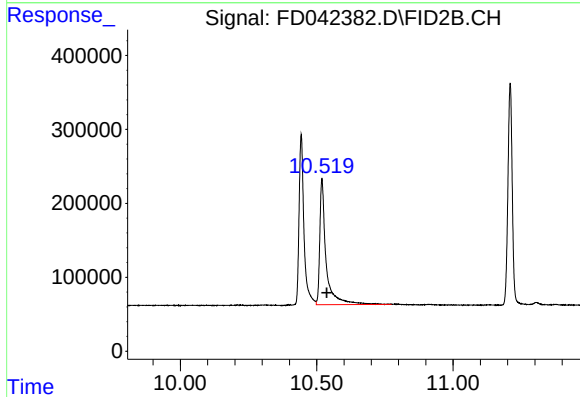
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.012 min
Response: 3076320
Conc: 20.20 ug/ml



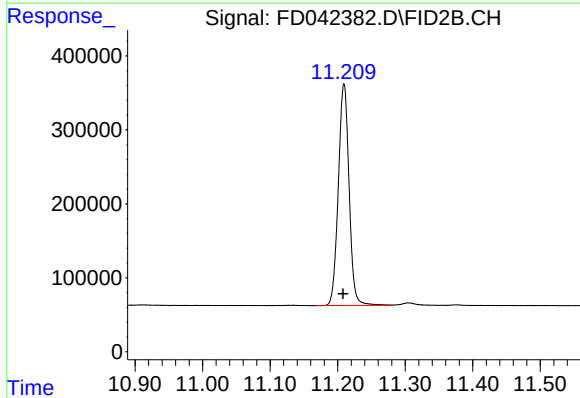
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.011 min
Response: 2858204
Conc: 19.25 ug/ml



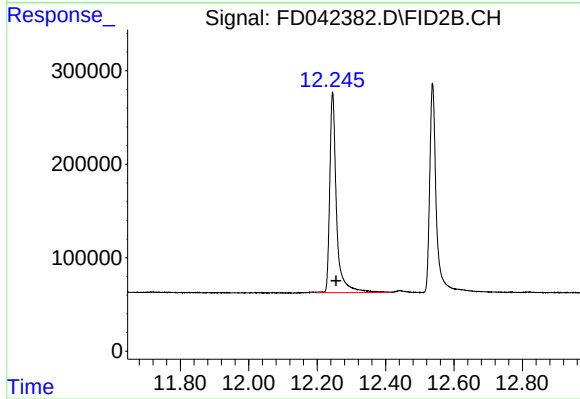
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.017 min
Response: 2764027
Conc: 16.51 ug/ml



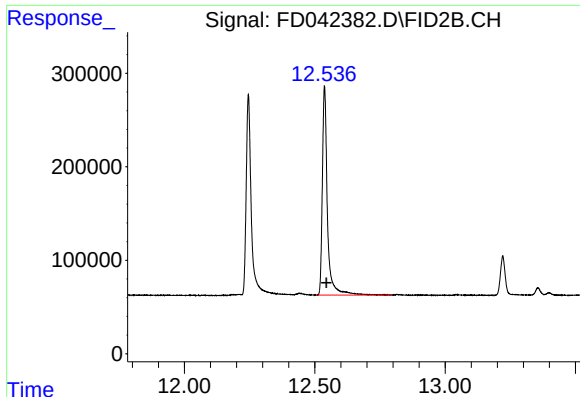
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: 0.001 min
Response: 3330711
Conc: 19.22 ug/ml



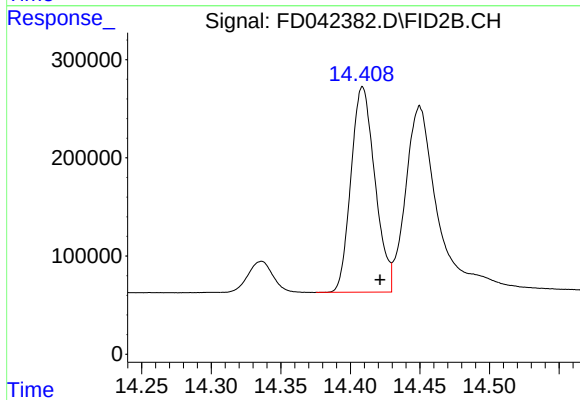
#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: -0.010 min
Response: 2958884
Conc: 18.86 ug/ml



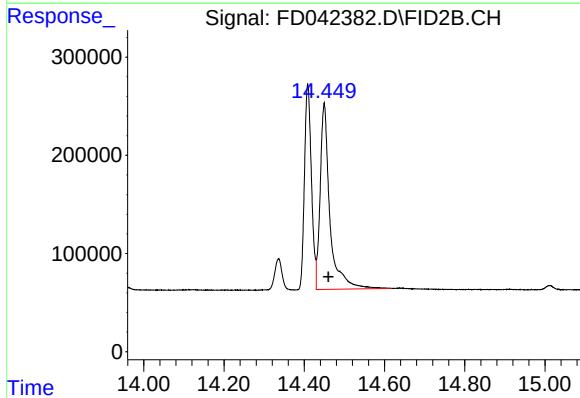
#13 Pyrene (C20.8)

R.T.: 12.538 min
Delta R.T.: -0.007 min
Response: 3028322
Conc: 18.57 ug/ml



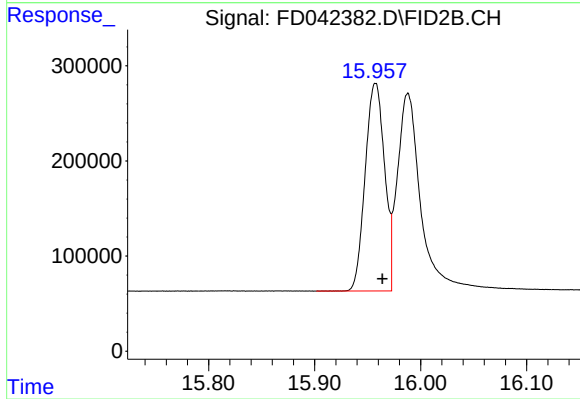
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.409 min
Delta R.T.: -0.012 min
Response: 2510160
Conc: 20.98 ug/ml



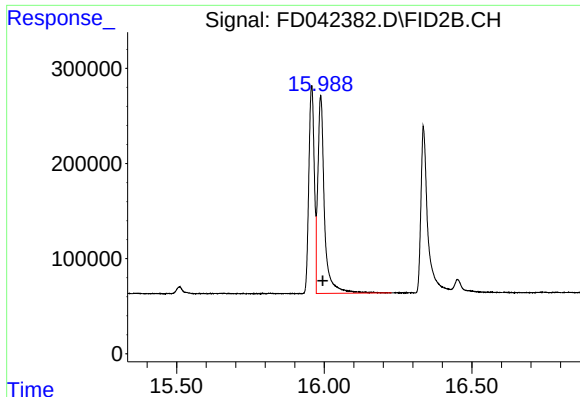
#15 Chrysene (C27.41)

R.T.: 14.450 min
Delta R.T.: -0.010 min
Response: 3205942
Conc: 17.47 ug/ml



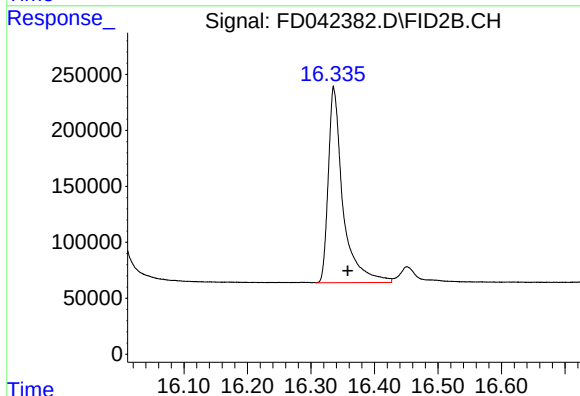
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.957 min
Delta R.T.: -0.007 min
Response: 2772708
Conc: 21.12 ug/ml



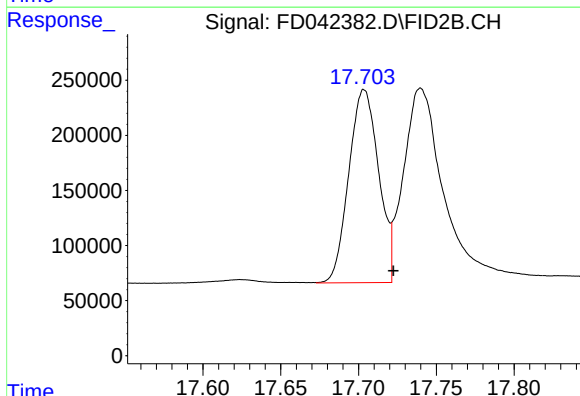
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.007 min
Response: 3283199
Conc: 18.99 ug/ml



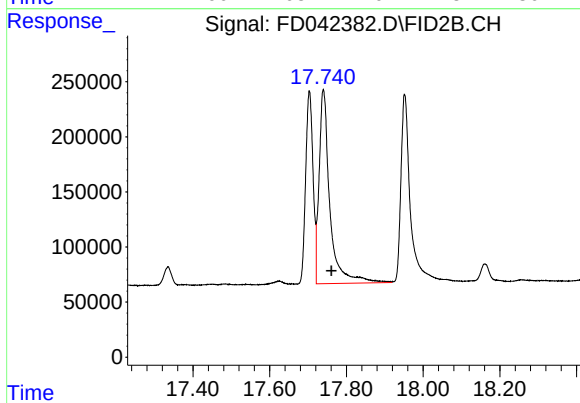
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.021 min
Response: 2809290
Conc: 19.04 ug/ml



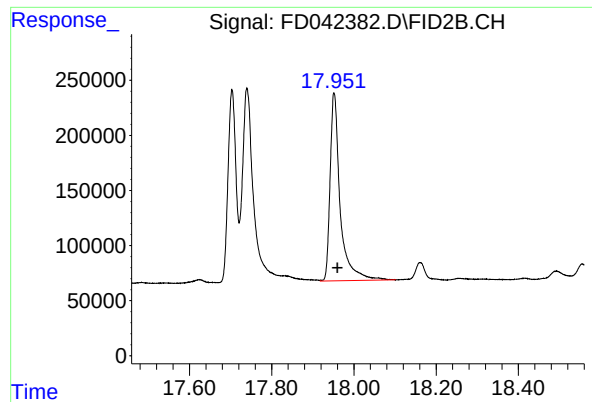
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.703 min
Delta R.T.: -0.020 min
Response: 2356371
Conc: 23.61 ug/ml m



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

R.T.: 17.740 min
Delta R.T.: -0.020 min
Response: 3434955
Conc: 21.88 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.008 min
Response: 2906836
Conc: 20.99 ug/ml