

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052220AR\
 Data File : FD033600.D
 Signal(s) : FID2B.CH
 Acq On : 22 May 2020 20:32
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 04:41:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.578	2015932	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
6) S 2-Fluorobiphenyl (SURR)	8.441	1362803	19.717 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.43%
11) S ortho-Terphenyl (SURR)	11.470	2413417	18.407 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	2273098	19.938 ug/ml
2) T Naphthalene (C11.7)	5.922	2305536	19.997 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	2332923	19.644 ug/ml
5) T Acenaphthylene (C15.06)	8.242	2318995	18.928 ug/ml
7) T Acenaphthene (C15.5)	8.536	2393806	18.534 ug/ml
8) T Flouorene (C16.55)	9.316	2282012	19.212 ug/ml
9) T Phenanthrene (C19.36)	10.709	2314713	18.870 ug/ml
10) T Anthracene (C19.43)	10.785	2236714	18.375 ug/ml
12) T Fluoranthene (C21.85)	12.520	2328357	18.469 ug/ml
13) T Pyrene (C20.8)	12.815	2261231	18.552 ug/ml
14) T Benzo[a]anthracene (C...	14.688	2166947	19.235 ug/ml
15) T Chrysene (C27.41)	14.729	2288767	17.607 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2157184	18.893 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	2183798	17.547 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.620	2143303	18.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	2048239	20.064 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	2210103	18.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	2135367	19.166 ug/ml

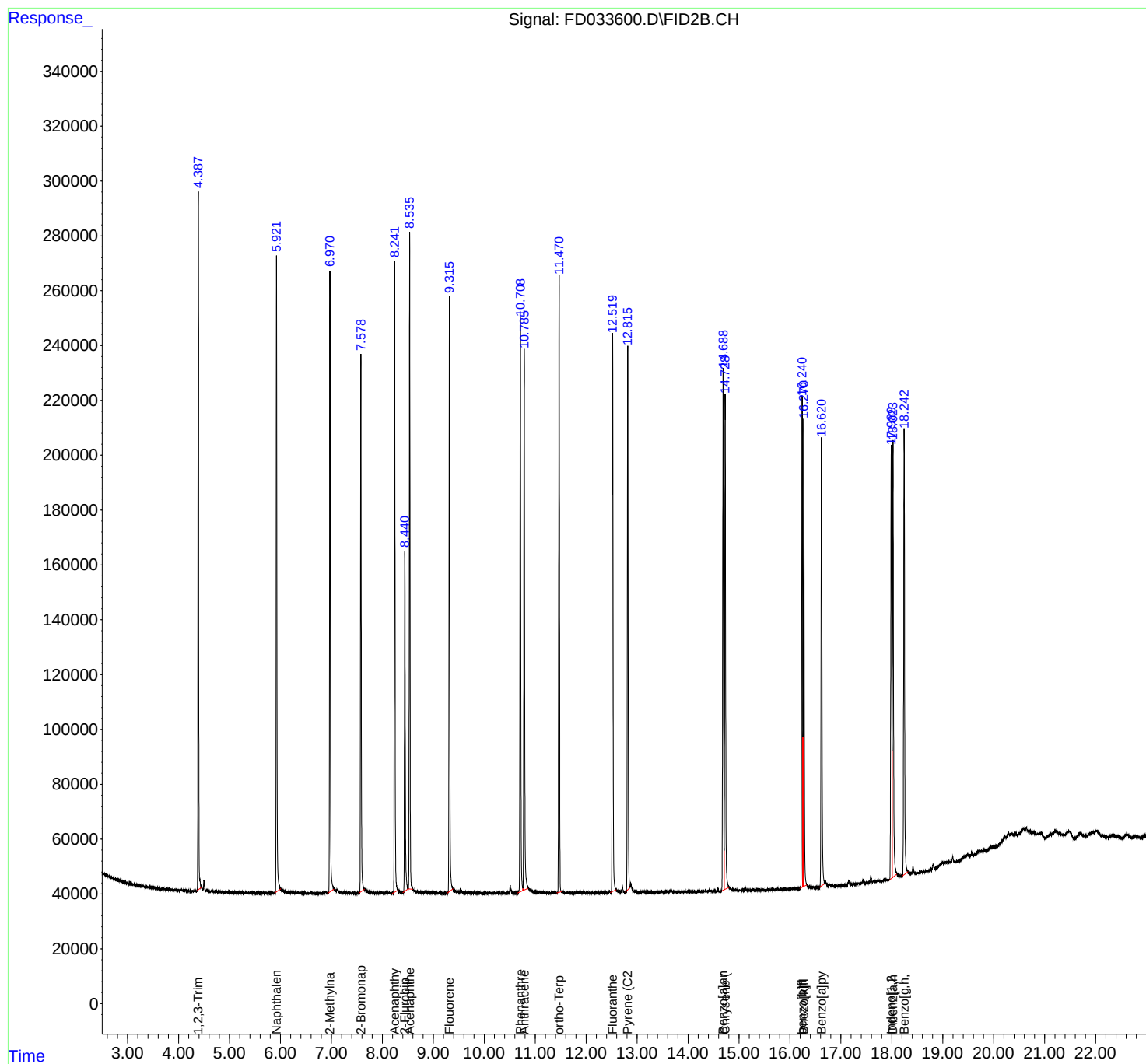
(f)=RT Delta > 1/2 Window

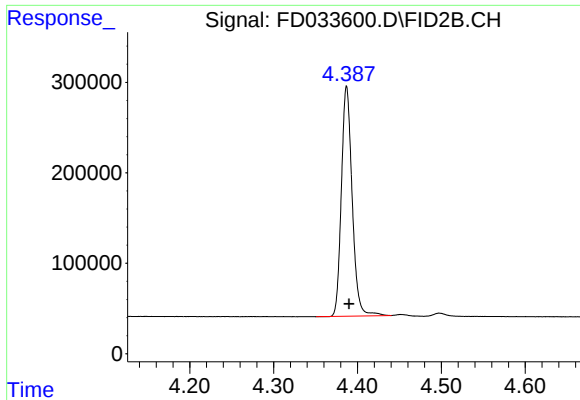
(m)=manual int.

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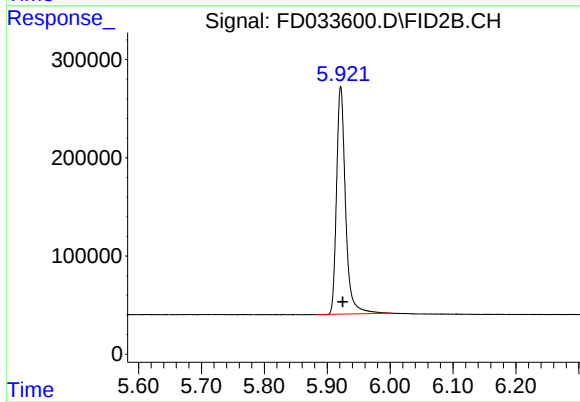
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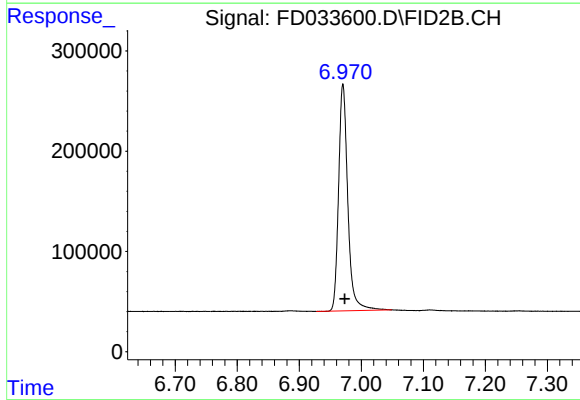
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 2273098
Conc: 19.94 ug/ml



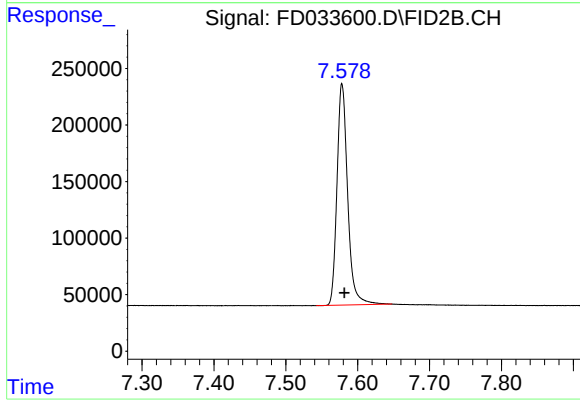
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 2305536
Conc: 20.00 ug/ml



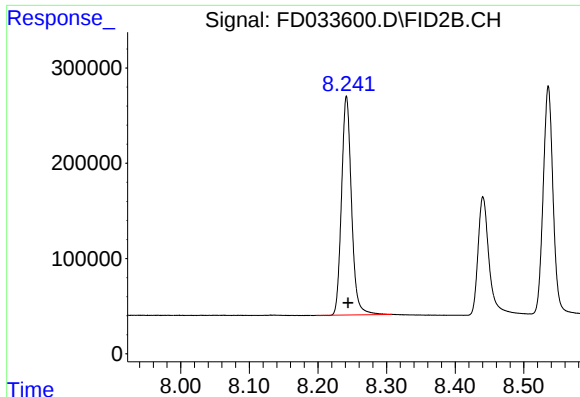
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.003 min
Response: 2332923
Conc: 19.64 ug/ml



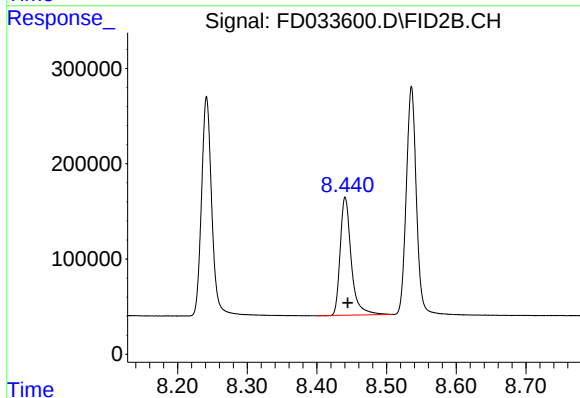
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: -0.003 min
Response: 2015932
Conc: 19.39 ug/ml



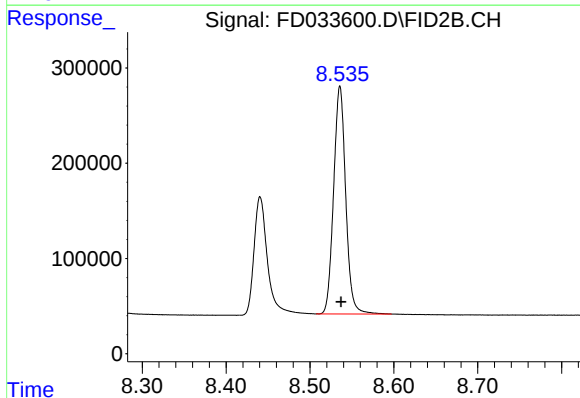
#5 Acenaphthylene (C15.06)

R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2318995
Conc: 18.93 ug/ml



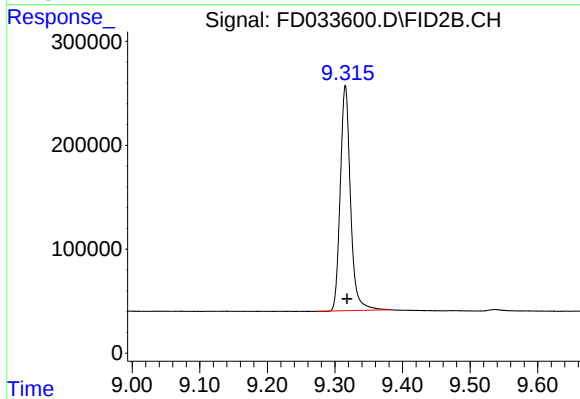
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1362803
Conc: 19.72 ug/ml



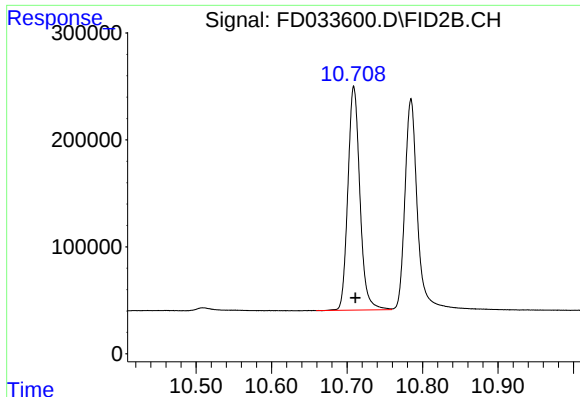
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 2393806
Conc: 18.53 ug/ml



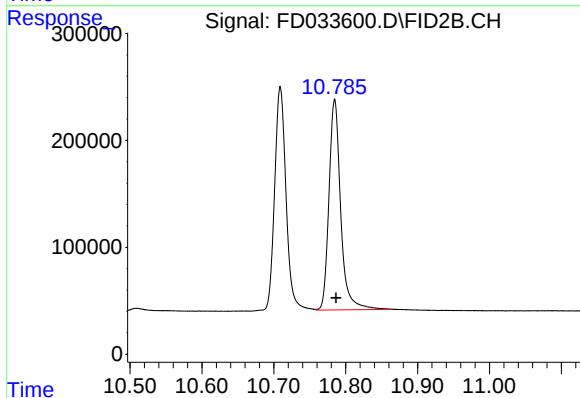
#8 Fluorene (C16.55)

R.T.: 9.316 min
Delta R.T.: -0.002 min
Response: 2282012
Conc: 19.21 ug/ml



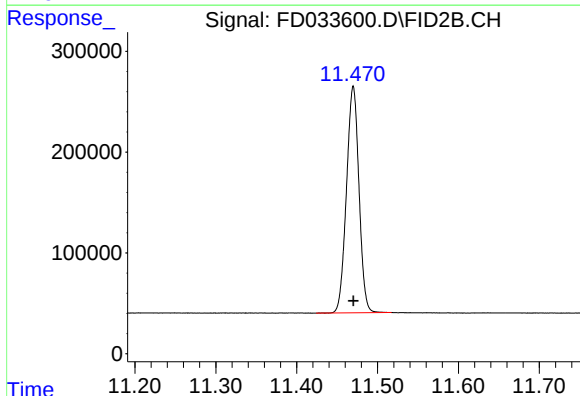
#9 Phenanthrene (C19.36)

R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 2314713
Conc: 18.87 ug/ml



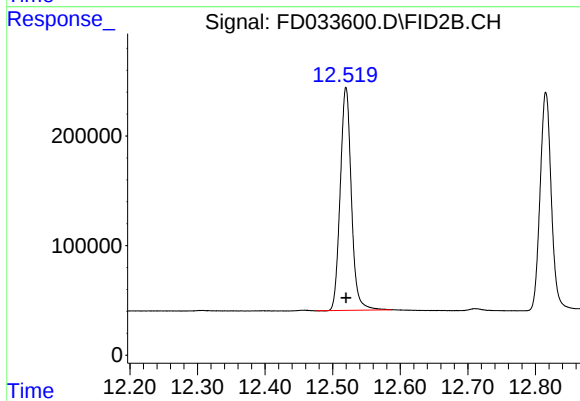
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: -0.002 min
Response: 2236714
Conc: 18.37 ug/ml



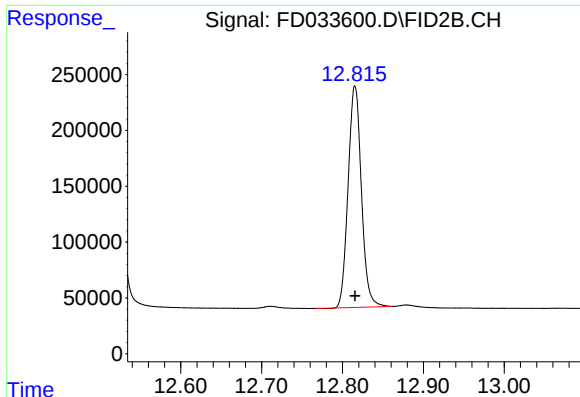
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2413417
Conc: 18.41 ug/ml



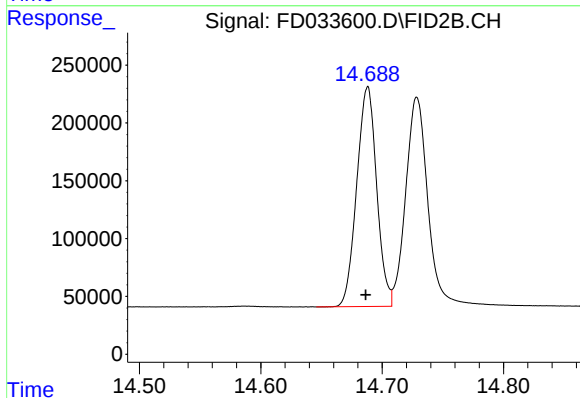
#12 Fluoranthene (C21.85)

R.T.: 12.520 min
Delta R.T.: 0.000 min
Response: 2328357
Conc: 18.47 ug/ml



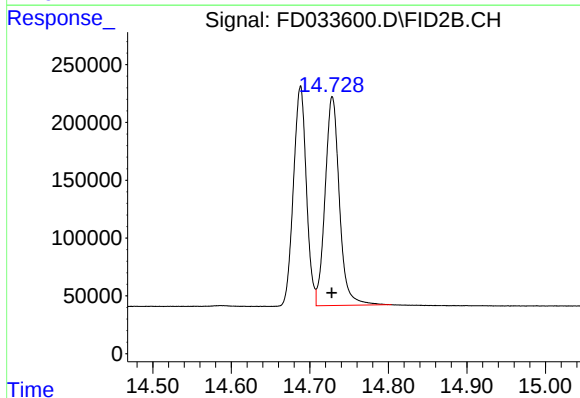
#13 Pyrene (C20.8)

R.T.: 12.815 min
Delta R.T.: 0.000 min
Response: 2261231
Conc: 18.55 ug/ml



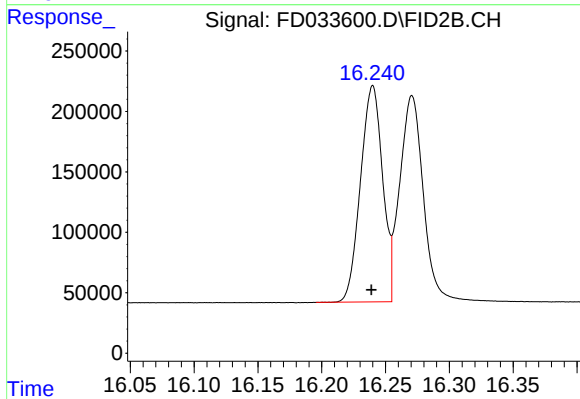
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.002 min
Response: 2166947
Conc: 19.23 ug/ml



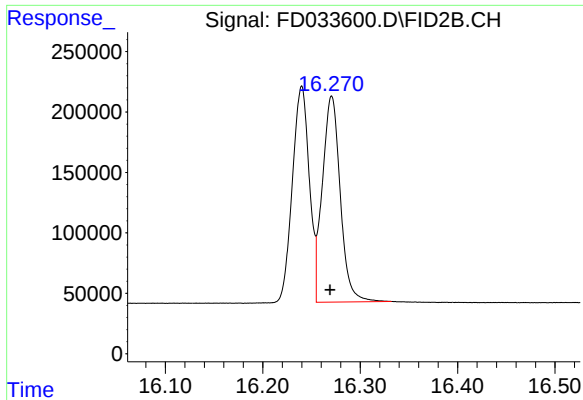
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.000 min
Response: 2288767
Conc: 17.61 ug/ml



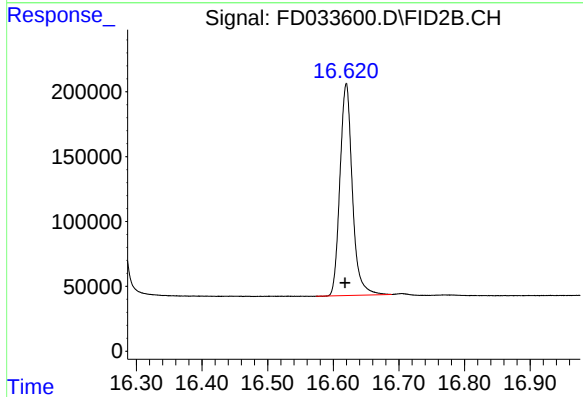
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: 0.001 min
Response: 2157184
Conc: 18.89 ug/ml



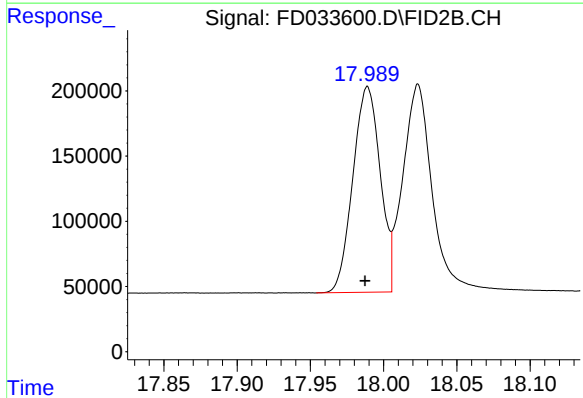
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.271 min
Delta R.T.: 0.002 min
Response: 2183798
Conc: 17.55 ug/ml



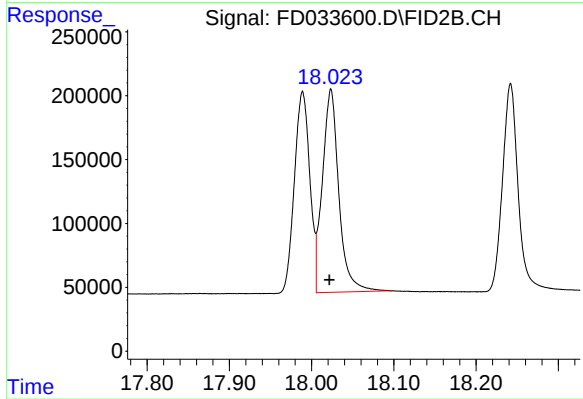
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.620 min
Delta R.T.: 0.002 min
Response: 2143303
Conc: 18.28 ug/ml



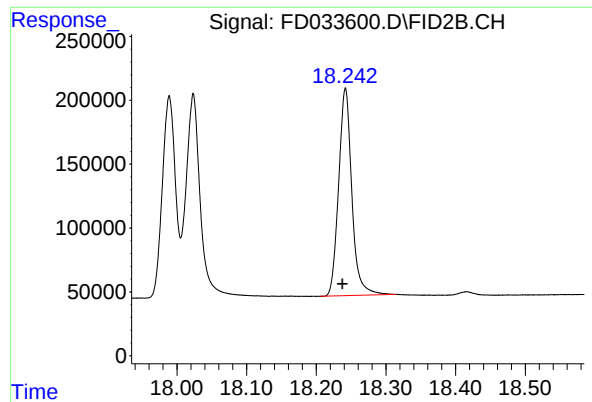
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.002 min
Response: 2048239
Conc: 20.06 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.002 min
Response: 2210103
Conc: 18.31 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.004 min
Response: 2135367
Conc: 19.17 ug/ml