

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050920AR\
 Data File : FD033420.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2020 8:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 02:41:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 12:57:17 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...	7.587	2168460	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
6) S 2-Fluorobiphenyl (SURR)	8.449	1443964	19.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.480	2379971	18.281 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	2341728	20.236 ug/ml
2) T Naphthalene (C11.7)	5.930	2392546	20.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2380867	19.713 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2311228	19.166 ug/ml
7) T Acenaphthene (C15.5)	8.545	2427953	19.263 ug/ml
8) T Fluorene (C16.55)	9.325	2348487	19.276 ug/ml
9) T Phenanthrene (C19.36)	10.720	2357500	18.675 ug/ml
10) T Anthracene (C19.43)	10.795	2217217	18.219 ug/ml
12) T Fluoranthene (C21.85)	12.530	2368460	18.196 ug/ml
13) T Pyrene (C20.8)	12.827	2336909	17.999 ug/ml
14) T Benzo[a]anthracene (C...	14.699	2201242	17.997 ug/ml
15) T Chrysene (C27.41)	14.740	2289384	17.598 ug/ml
16) T benzo[b]fluoranthene ...	16.252	2226324	17.801 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	2281861	17.673 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	2216560	17.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	2154842	18.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.036	2262325	18.122 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	2204248	18.345 ug/ml

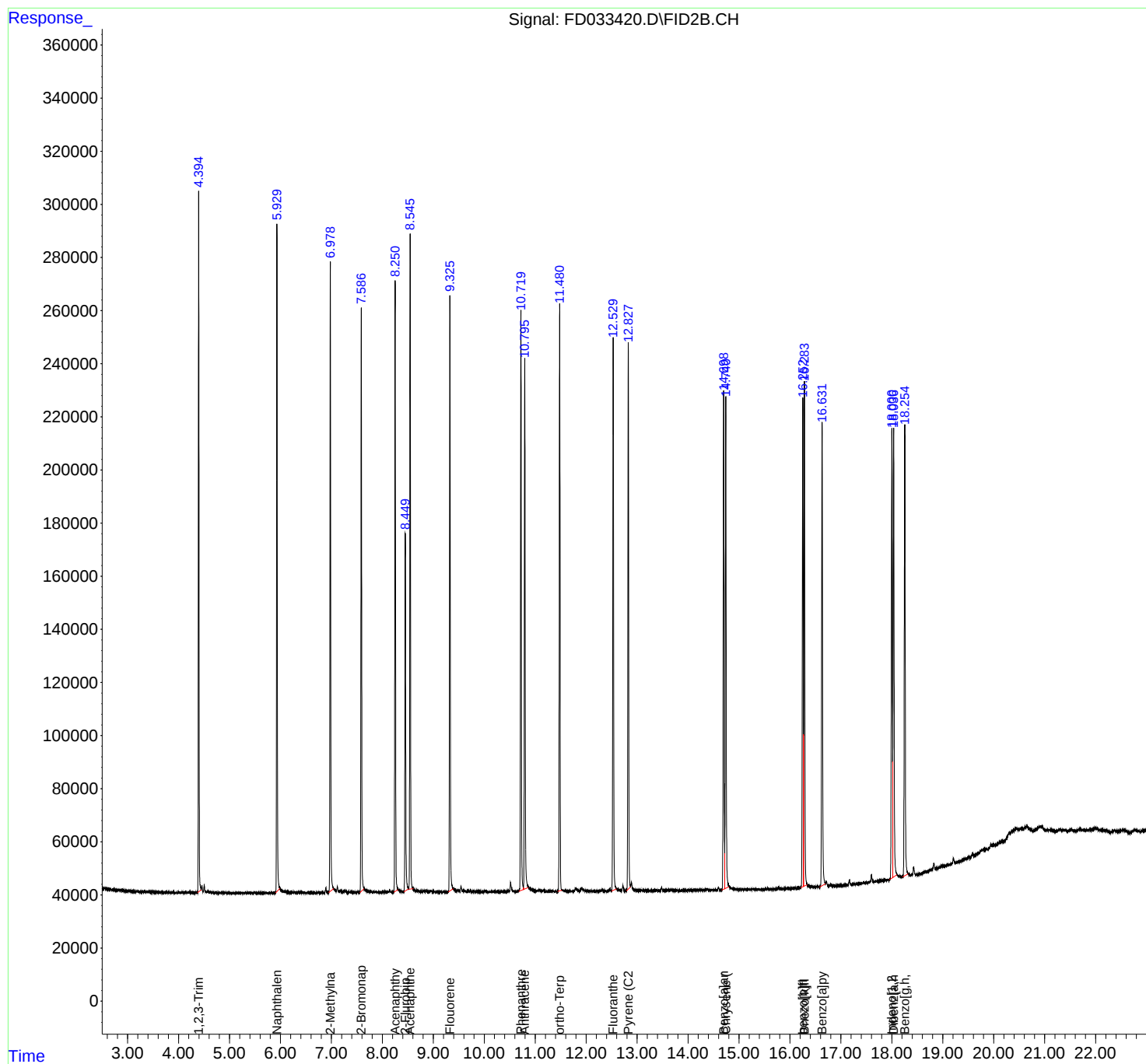
(f)=RT Delta > 1/2 Window

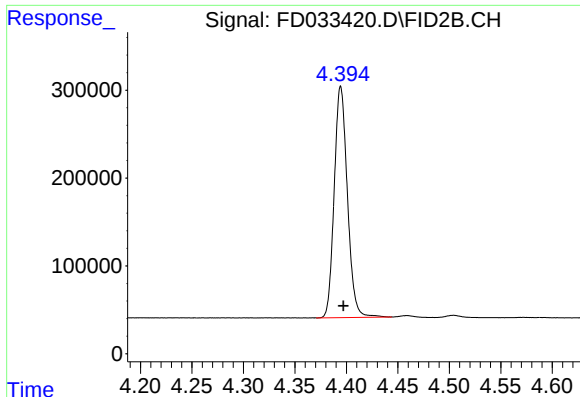
(m)=manual int.

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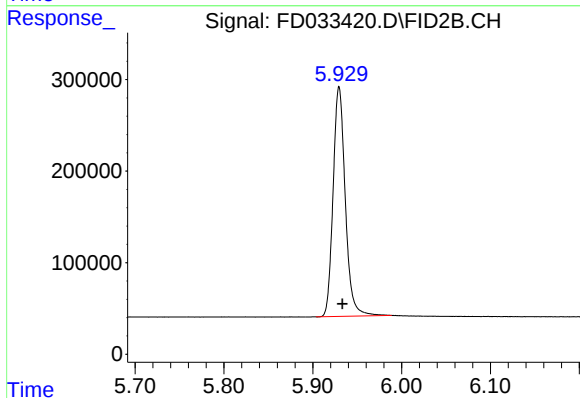
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





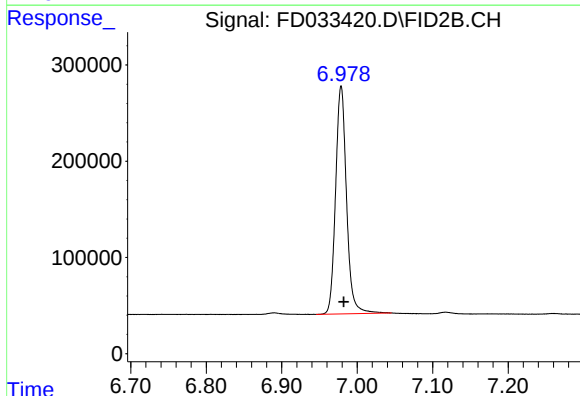
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 2341728
Conc: 20.24 ug/ml



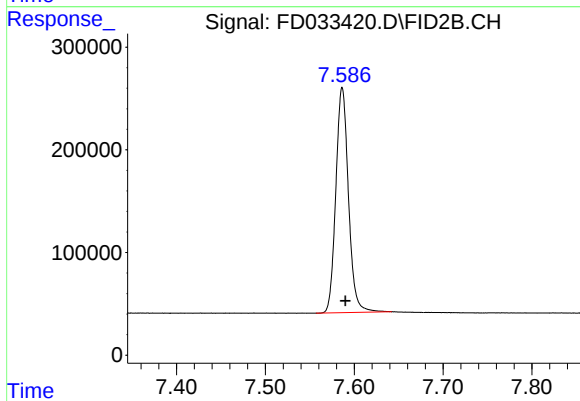
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 2392546
Conc: 20.11 ug/ml



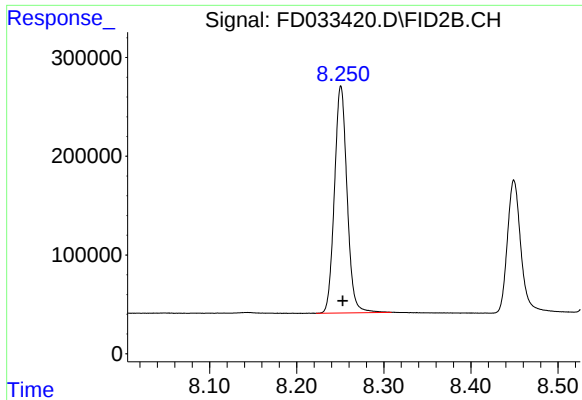
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 2380867
Conc: 19.71 ug/ml



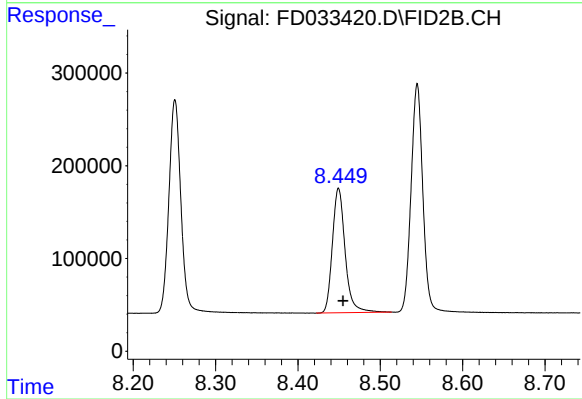
#4 2-Bromonaphthalene (SURR)

R.T.: 7.587 min
Delta R.T.: -0.003 min
Response: 2168460
Conc: 19.71 ug/ml



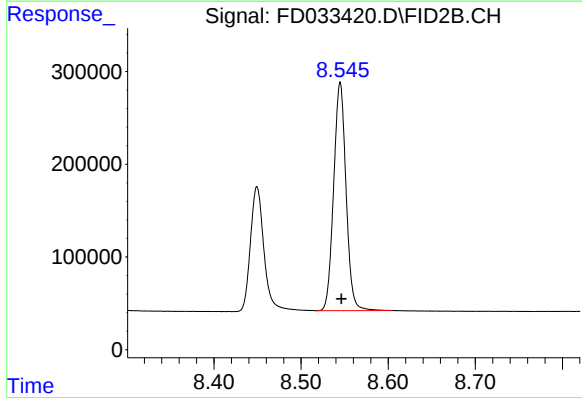
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.002 min
Response: 2311228
Conc: 19.17 ug/ml



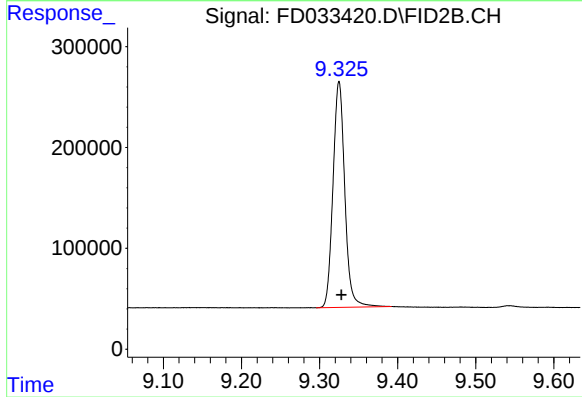
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.005 min
Response: 1443964
Conc: 19.54 ug/ml



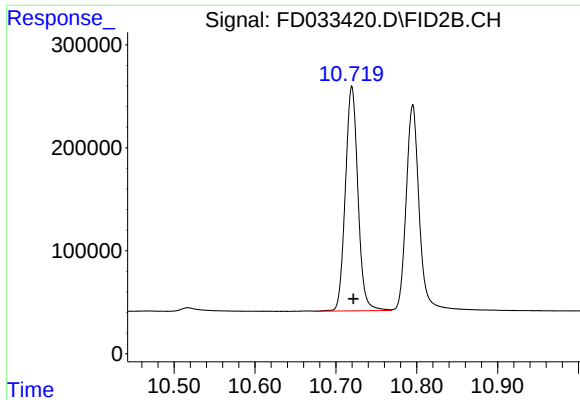
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.001 min
Response: 2427953
Conc: 19.26 ug/ml



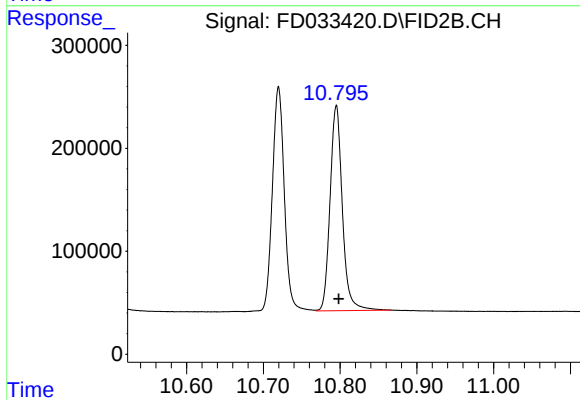
#8 Fluorene (C16.55)

R.T.: 9.325 min
Delta R.T.: -0.003 min
Response: 2348487
Conc: 19.28 ug/ml



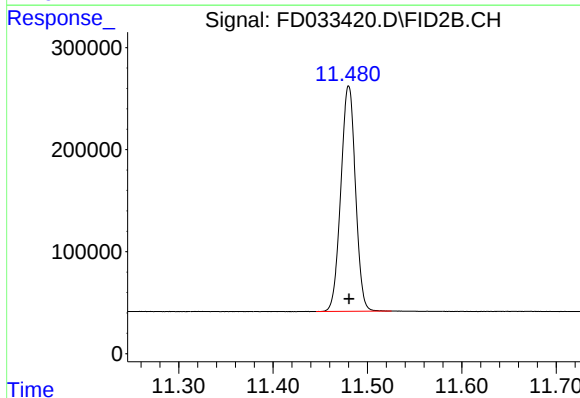
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.002 min
Response: 2357500
Conc: 18.67 ug/ml



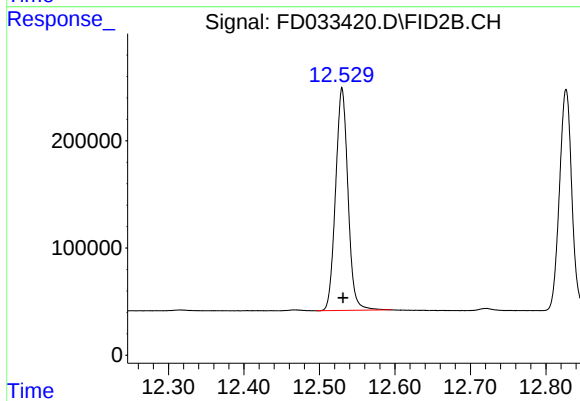
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.003 min
Response: 2217217
Conc: 18.22 ug/ml



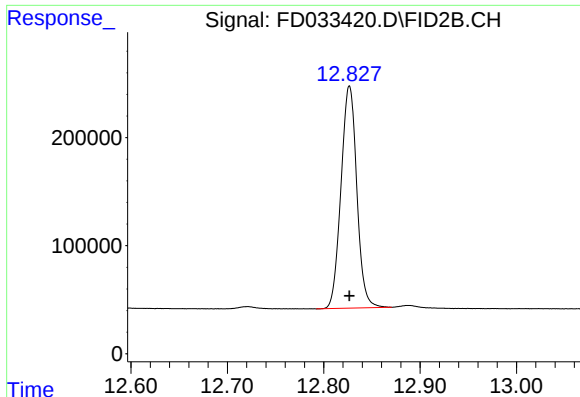
#11 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: 0.000 min
Response: 2379971
Conc: 18.28 ug/ml



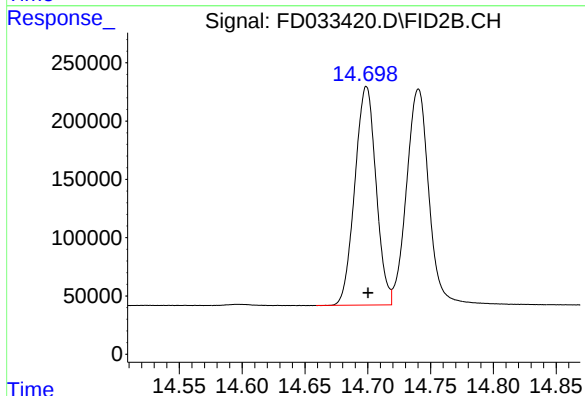
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.002 min
Response: 2368460
Conc: 18.20 ug/ml



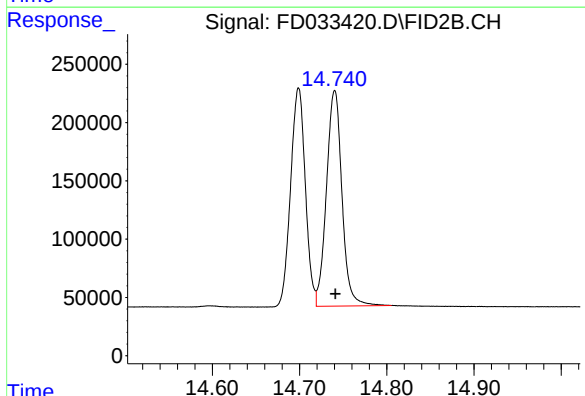
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 2336909
Conc: 18.00 ug/ml



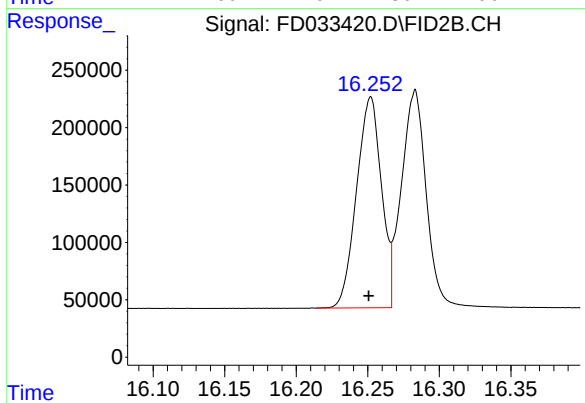
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.001 min
Response: 2201242
Conc: 18.00 ug/ml



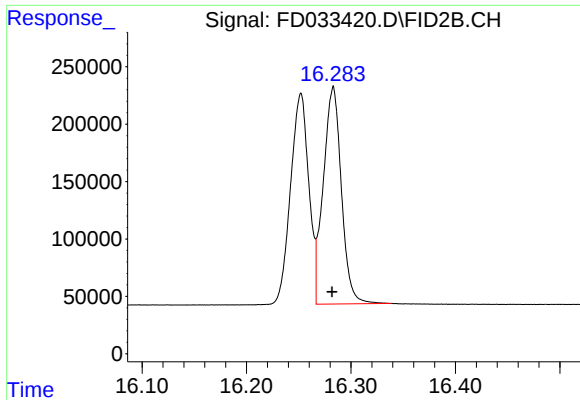
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2289384
Conc: 17.60 ug/ml



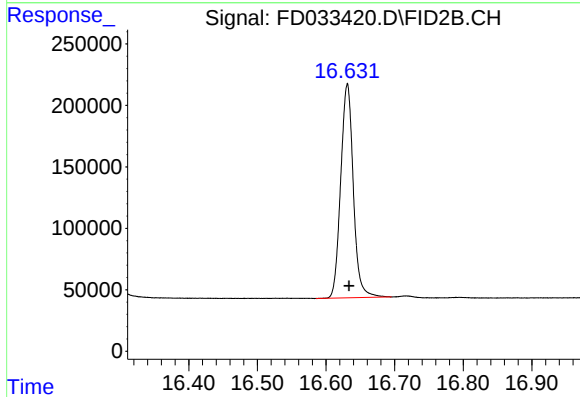
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.252 min
Delta R.T.: 0.001 min
Response: 2226324
Conc: 17.80 ug/ml



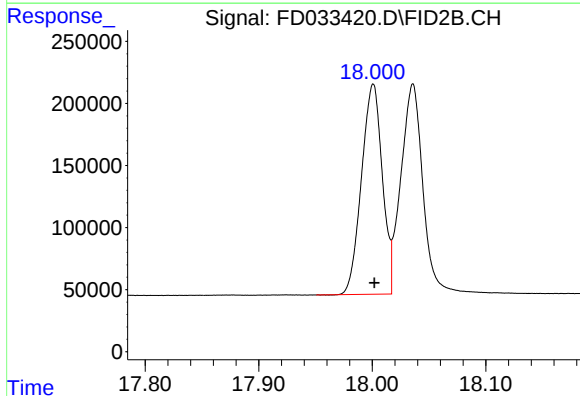
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.283 min
Delta R.T.: 0.001 min
Response: 2281861
Conc: 17.67 ug/ml



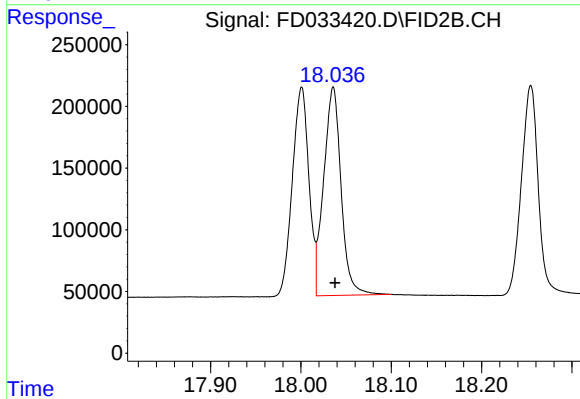
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2216560
Conc: 17.92 ug/ml



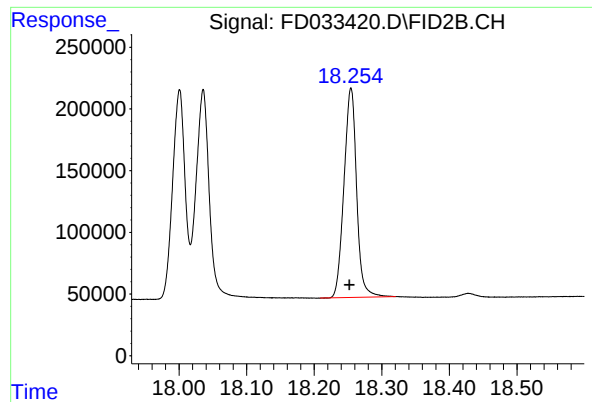
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: -0.001 min
Response: 2154842
Conc: 18.41 ug/ml



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

R.T.: 18.036 min
Delta R.T.: -0.002 min
Response: 2262325
Conc: 18.12 ug/ml



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

R.T.: 18.254 min
Delta R.T.: 0.002 min
Response: 2204248
Conc: 18.34 ug/ml