

Data Path : P:\HPCHEM1\FID_D\Data\FD022718AR\
 Data File : FD020186.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2018 10:59
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 11:48:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.345	1628706	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
6) S 2-Fluorobiphenyl (SURR)	8.204	1021890	20.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.230	1840412	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	1771943	20.065 ug/ml
2) T Naphthalene (C11.7)	5.684	1788378	19.992 ug/ml
3) T 2-Methylnaphthalene (...)	6.733	1772800	19.520 ug/ml
5) T Acenaphthylene (C15.06)	8.002	1812754	18.928 ug/ml
7) T Acenaphthene (C15.5)	8.294	1910170	18.647 ug/ml
8) T Flouorene (C16.55)	9.077	1797304	19.168 ug/ml
9) T Phenanthrene (C19.36)	10.470	1838359	19.731 ug/ml
10) T Anthracene (C19.43)	10.546	1860385	19.619 ug/ml
12) T Fluoranthene (C21.85)	12.280	1958209	19.522 ug/ml
13) T Pyrene (C20.8)	12.574	1970037	19.391 ug/ml
14) T Benzo[a]anthracene (C...	14.452	1842224	19.104 ug/ml
15) T Chrysene (C27.41)	14.494	1981266	18.357 ug/ml
16) T benzo[b]fluoranthene ...	16.010	1889799	18.798 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	2067398	18.219 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	1977861	18.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	1815693	19.058 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	2139205	18.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.019	1891670	18.213 ug/ml

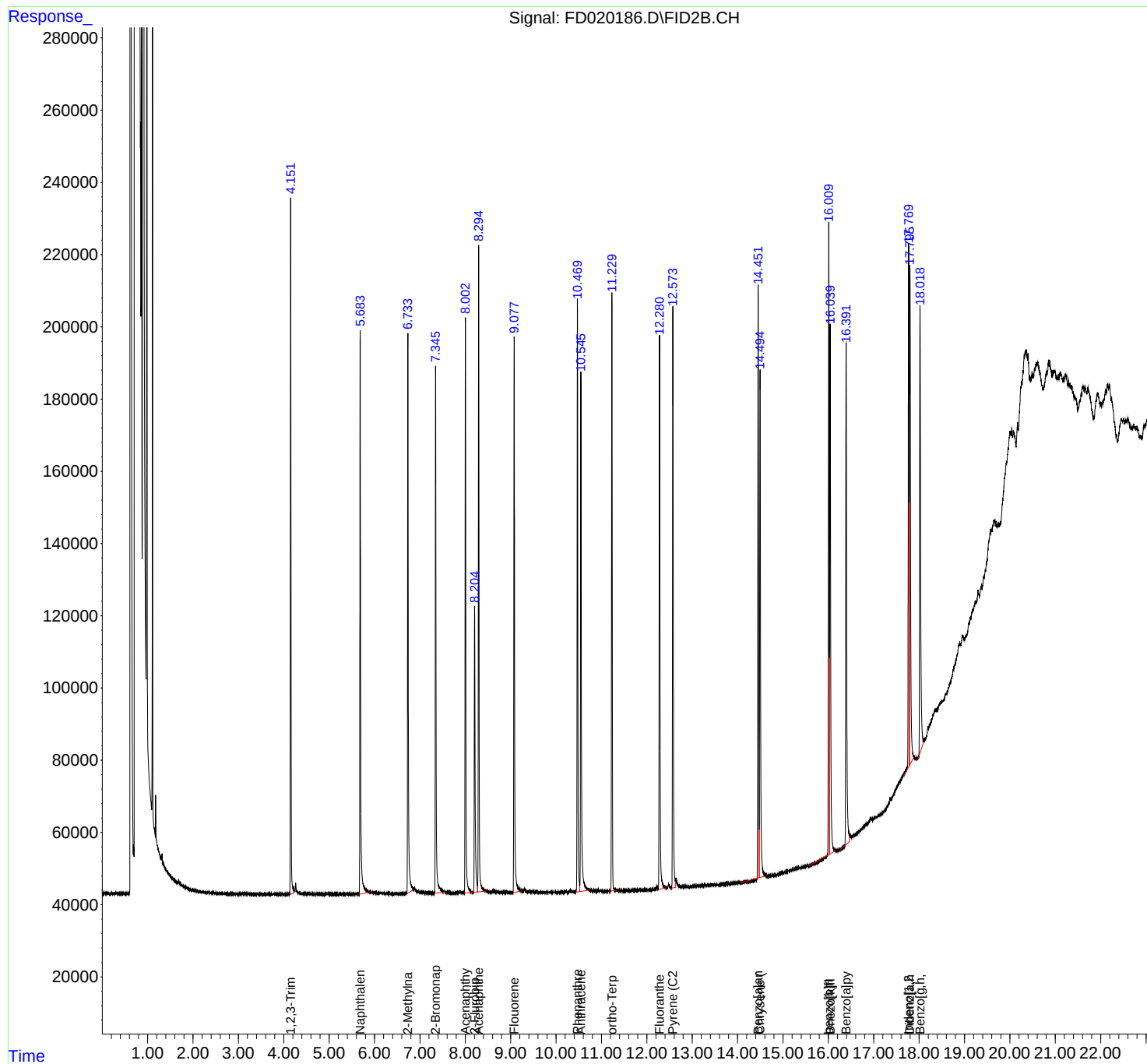
(f)=RT Delta > 1/2 Window

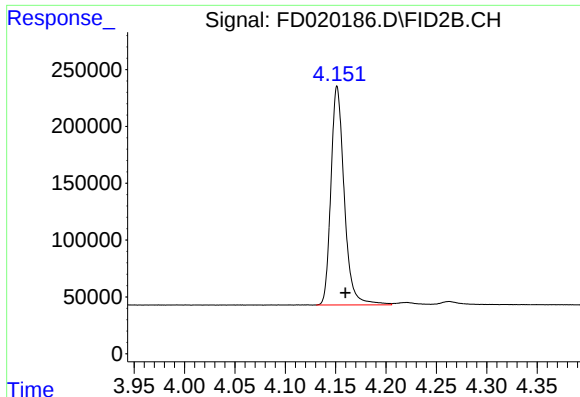
(m)=manual int.

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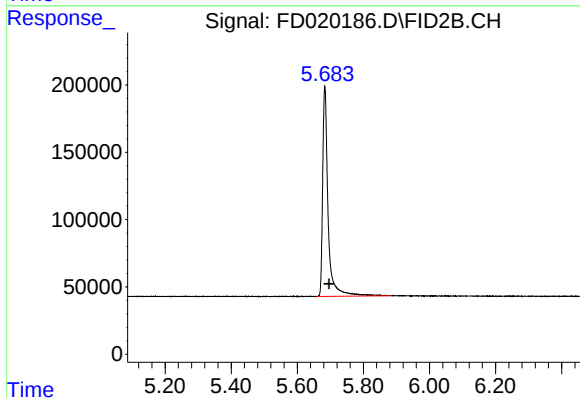
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





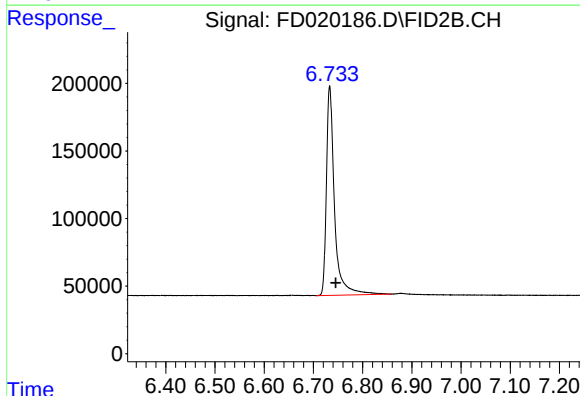
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 1771943
Conc: 20.07 ug/ml



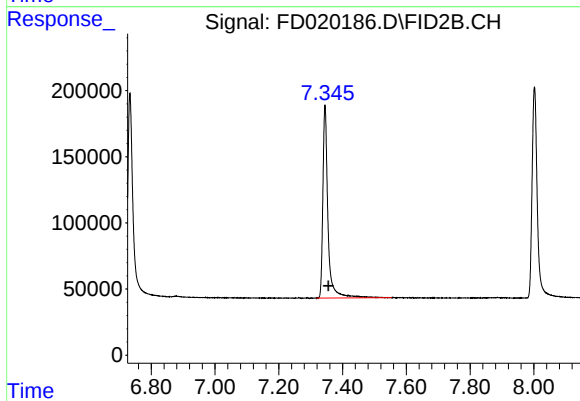
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.013 min
Response: 1788378
Conc: 19.99 ug/ml



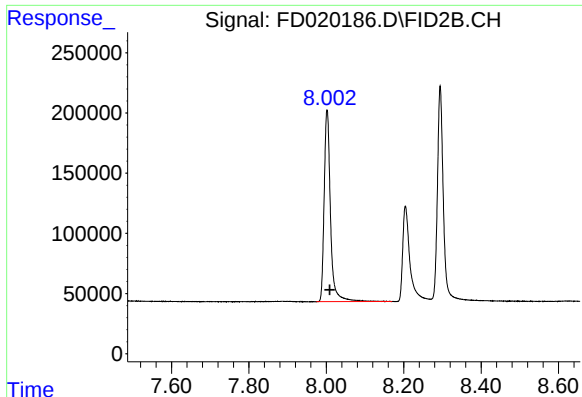
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.733 min
Delta R.T.: -0.012 min
Response: 1772800
Conc: 19.52 ug/ml



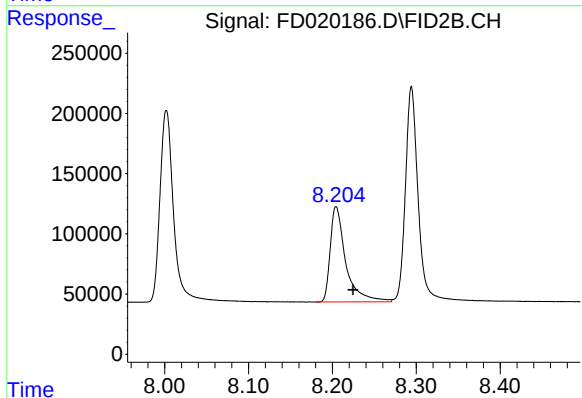
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.010 min
Response: 1628706
Conc: 19.44 ug/ml



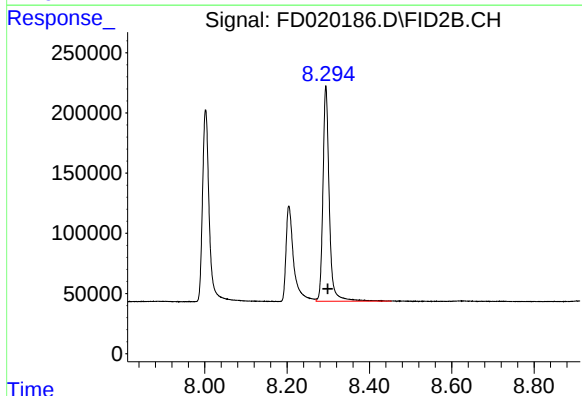
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: -0.007 min
Response: 1812754
Conc: 18.93 ug/ml



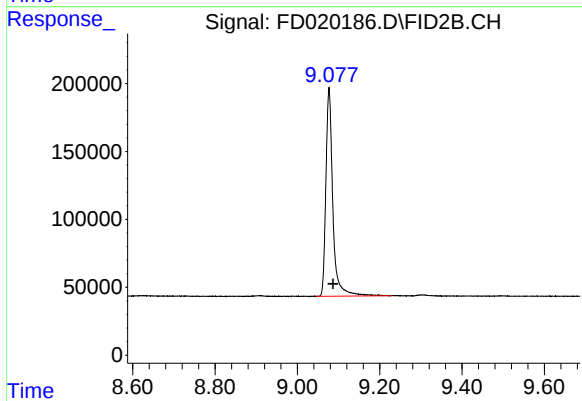
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.020 min
Response: 1021890
Conc: 20.21 ug/ml



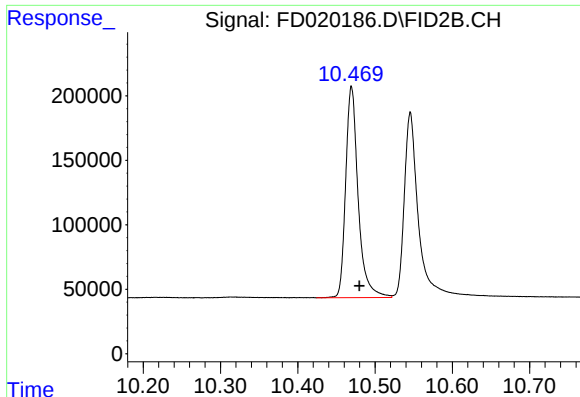
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.004 min
Response: 1910170
Conc: 18.65 ug/ml



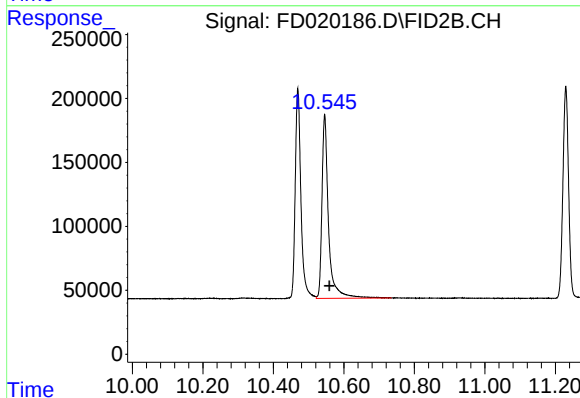
#8 Flouorene (C16.55)

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 1797304
Conc: 19.17 ug/ml



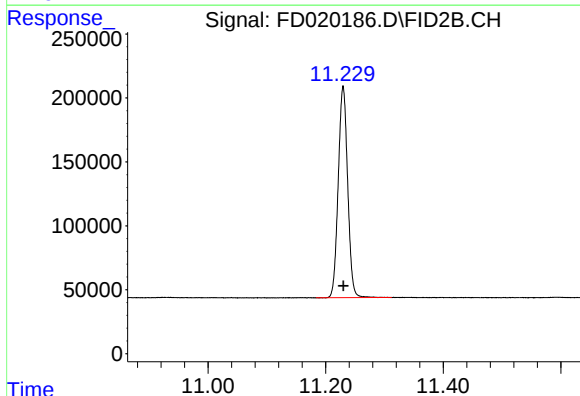
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.010 min
Response: 1838359
Conc: 19.73 ug/ml



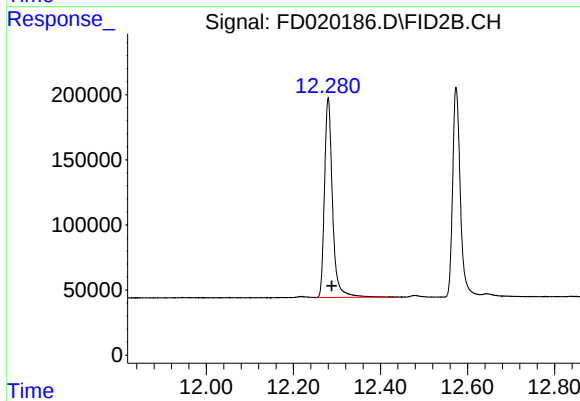
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.014 min
Response: 1860385
Conc: 19.62 ug/ml



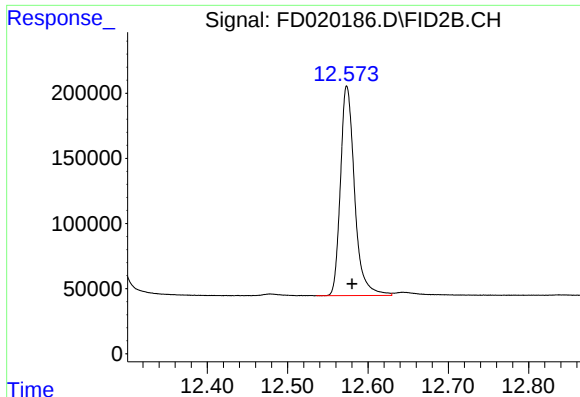
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1840412
Conc: 19.39 ug/ml



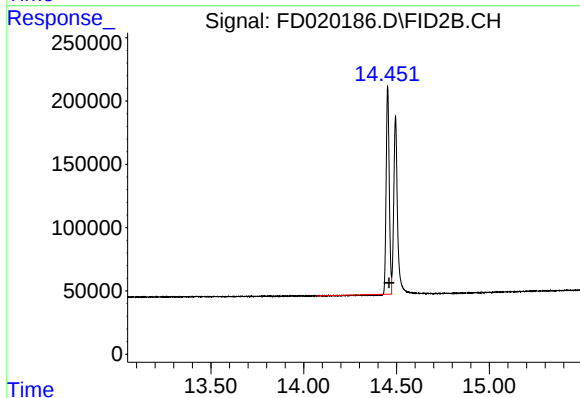
#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: -0.008 min
Response: 1958209
Conc: 19.52 ug/ml



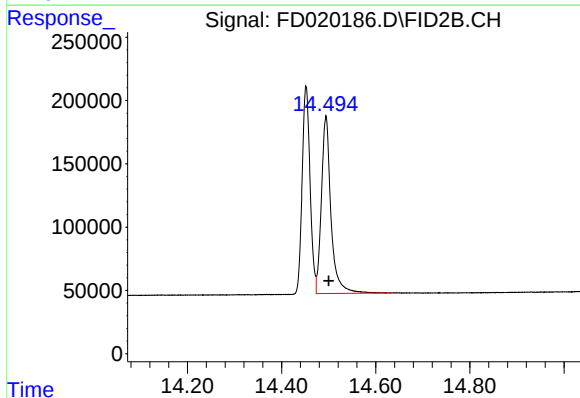
#13 Pyrene (C20.8)

R.T.: 12.574 min
Delta R.T.: -0.006 min
Response: 1970037
Conc: 19.39 ug/ml



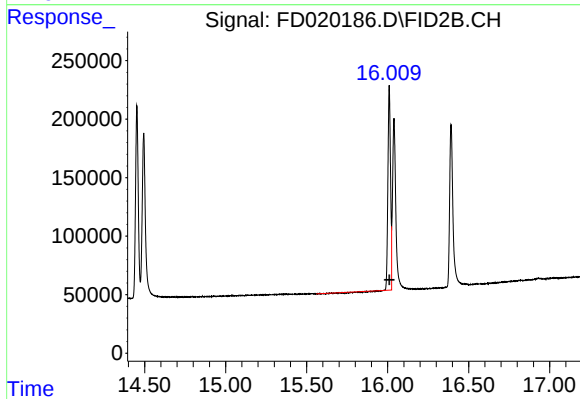
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.007 min
Response: 1842224
Conc: 19.10 ug/ml



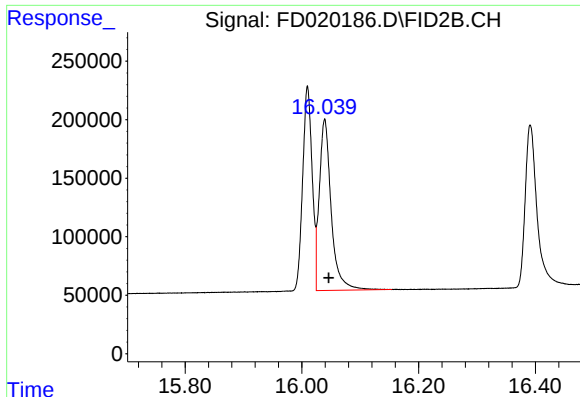
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: -0.006 min
Response: 1981266
Conc: 18.36 ug/ml



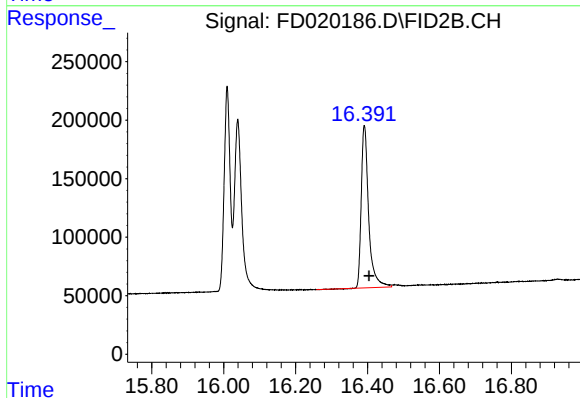
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.010 min
Delta R.T.: -0.002 min
Response: 1889799
Conc: 18.80 ug/ml



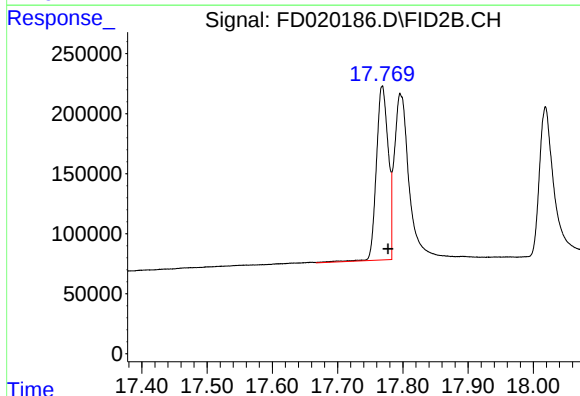
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.039 min
Delta R.T.: -0.007 min
Response: 2067398
Conc: 18.22 ug/ml



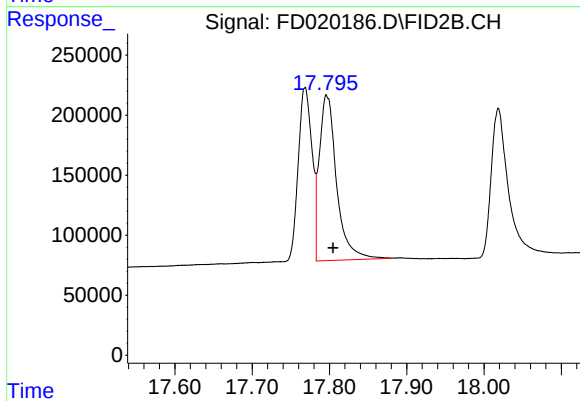
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: -0.013 min
Response: 1977861
Conc: 18.82 ug/ml



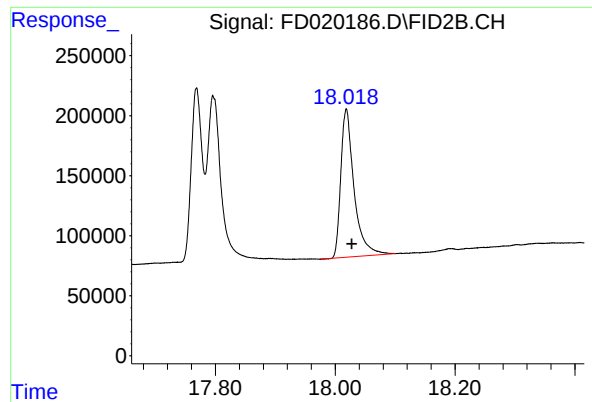
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: -0.009 min
Response: 1815693
Conc: 19.06 ug/ml



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

R.T.: 17.796 min
Delta R.T.: -0.008 min
Response: 2139205
Conc: 18.82 ug/ml



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

R.T.: 18.019 min
Delta R.T.: -0.009 min
Response: 1891670
Conc: 18.21 ug/ml