

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062420AR\
 Data File : FD033800.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2020 00:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 03:07:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 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...	7.564	2460849	22.264 ug/ml
Spiked Amount 50.000		Recovery =	44.53%
6) S 2-Fluorobiphenyl (SURR)	8.427	1652774	22.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.53%
11) S ortho-Terphenyl (SURR)	11.454	2886041	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	2875421	22.824 ug/ml
2) T Naphthalene (C11.7)	5.908	2828699	22.504 ug/ml
3) T 2-Methylnaphthalene (...)	6.956	2848414	22.327 ug/ml
5) T Acenaphthylene (C15.06)	8.227	2798310	21.721 ug/ml
7) T Acenaphthene (C15.5)	8.521	2936067	21.942 ug/ml
8) T Flouorene (C16.55)	9.301	2733356	21.749 ug/ml
9) T Phenanthrene (C19.36)	10.695	2725894	21.231 ug/ml
10) T Anthracene (C19.43)	10.771	2608763	20.640 ug/ml
12) T Fluoranthene (C21.85)	12.505	2705342	20.544 ug/ml
13) T Pyrene (C20.8)	12.801	2601689	20.258 ug/ml
14) T Benzo[a]anthracene (C...	14.675	2410346	20.297 ug/ml
15) T Chrysene (C27.41)	14.717	2587166	19.538 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2363558	19.968 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2445823	19.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	2294892	19.134 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2220898	21.317 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2462402	20.087 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2351406	20.874 ug/ml

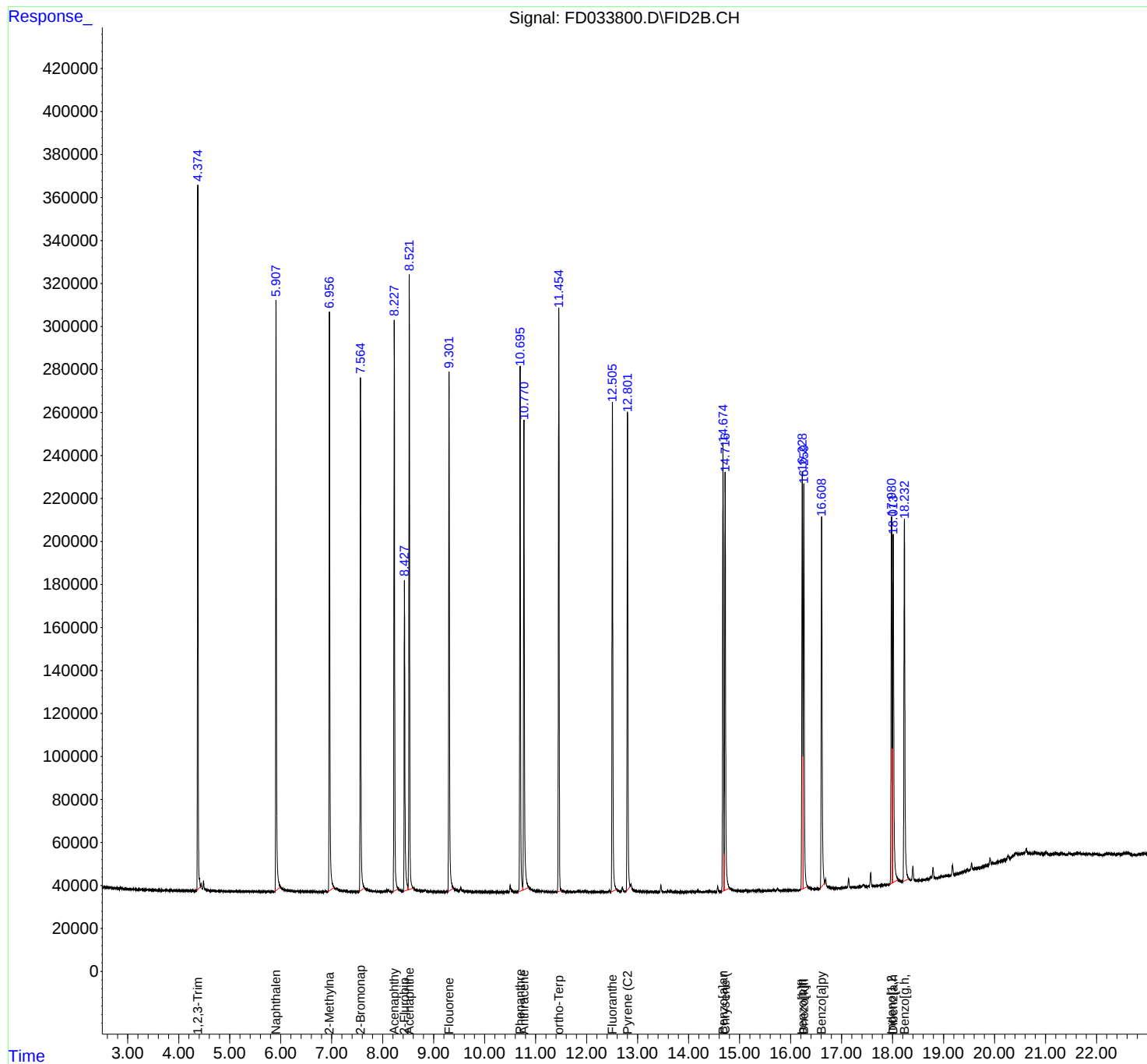
(f)=RT Delta > 1/2 Window

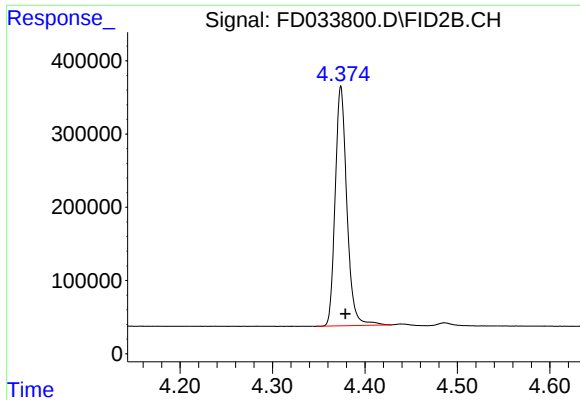
(m)=manual int.

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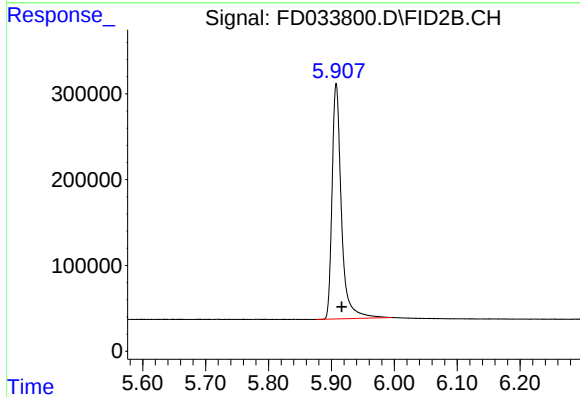
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





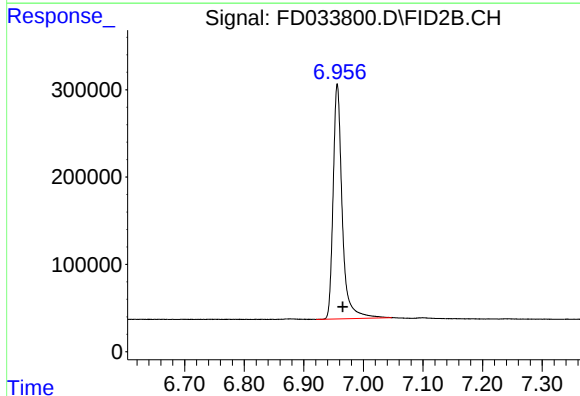
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 2875421
Conc: 22.82 ug/ml



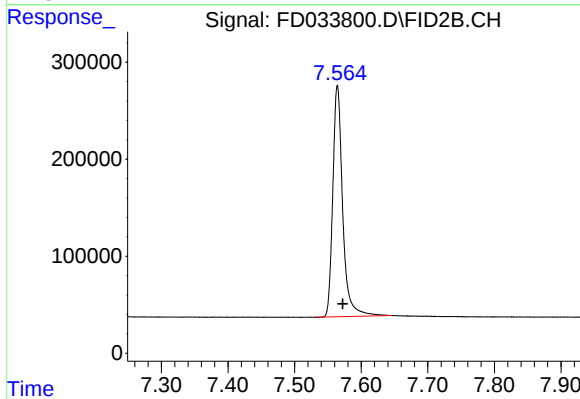
#2 Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.009 min
Response: 2828699
Conc: 22.50 ug/ml



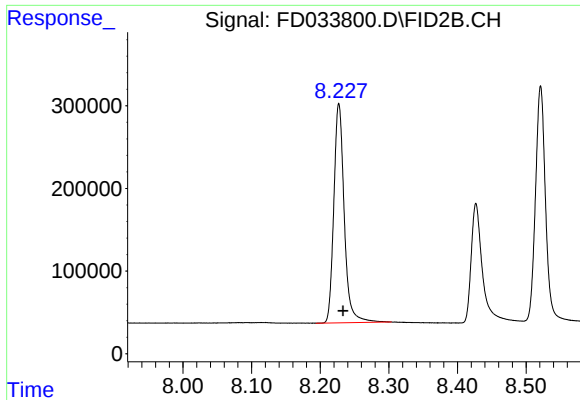
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.009 min
Response: 2848414
Conc: 22.33 ug/ml



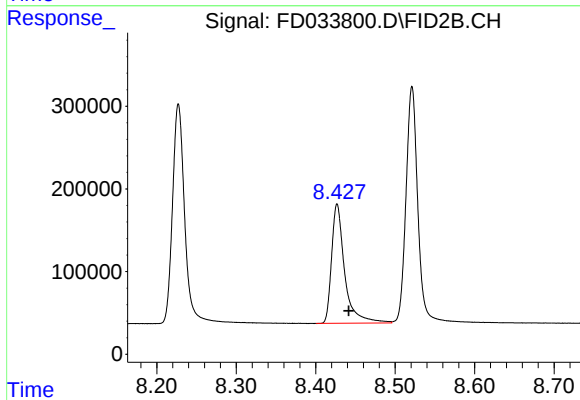
#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.008 min
Response: 2460849
Conc: 22.26 ug/ml



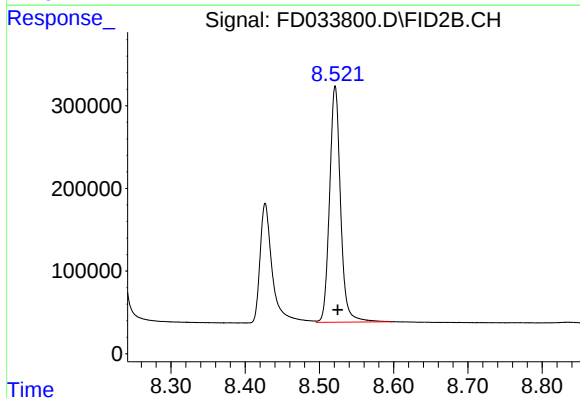
#5 Acenaphthylene (C15.06)

R.T.: 8.227 min
Delta R.T.: -0.006 min
Response: 2798310
Conc: 21.72 ug/ml



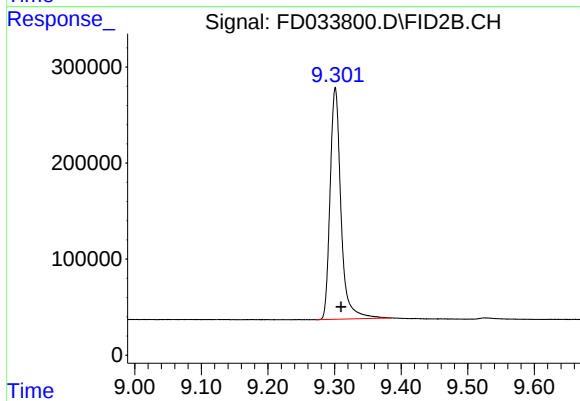
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.427 min
Delta R.T.: -0.015 min
Response: 1652774
Conc: 22.27 ug/ml



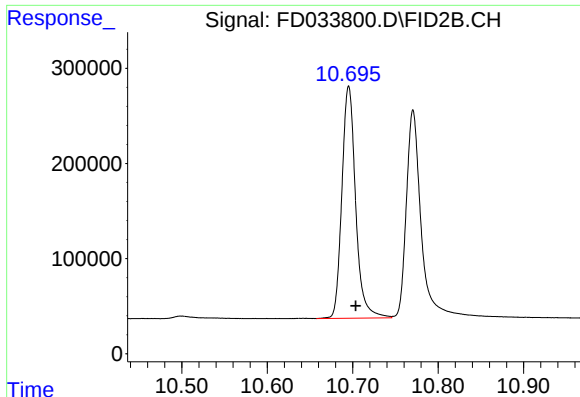
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 2936067
Conc: 21.94 ug/ml



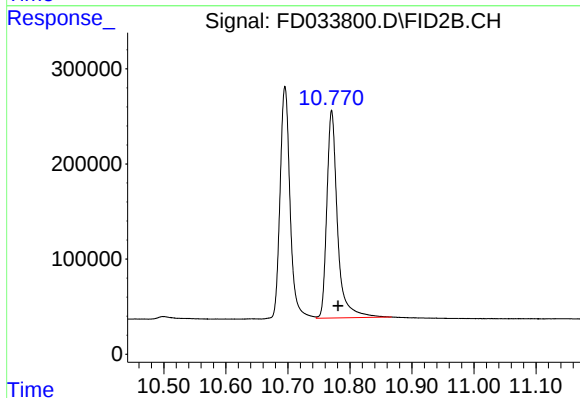
#8 Fluorene (C16.55)

R.T.: 9.301 min
Delta R.T.: -0.008 min
Response: 2733356
Conc: 21.75 ug/ml



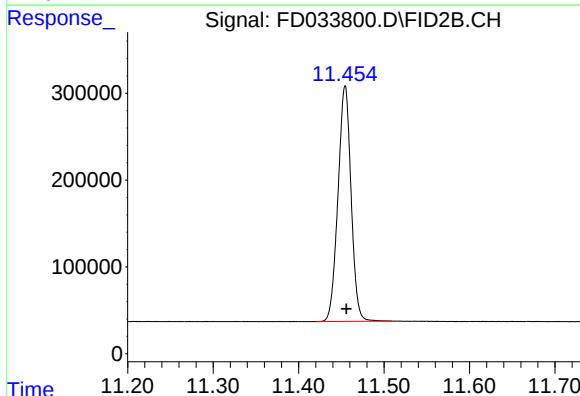
#9 Phenanthrene (C19.36)

R.T.: 10.695 min
Delta R.T.: -0.008 min
Response: 2725894
Conc: 21.23 ug/ml



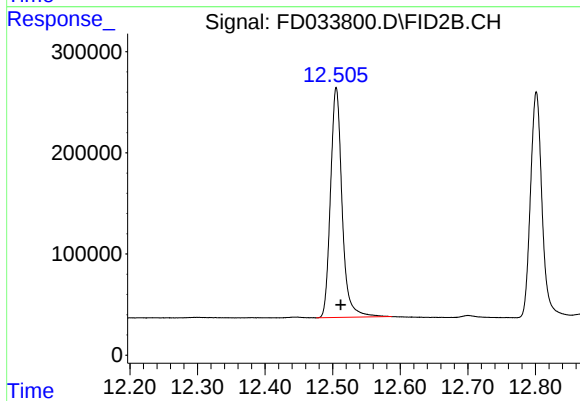
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.011 min
Response: 2608763
Conc: 20.64 ug/ml



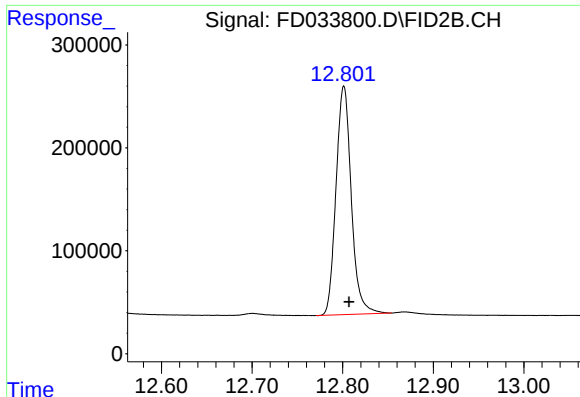
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.002 min
Response: 2886041
Conc: 20.78 ug/ml



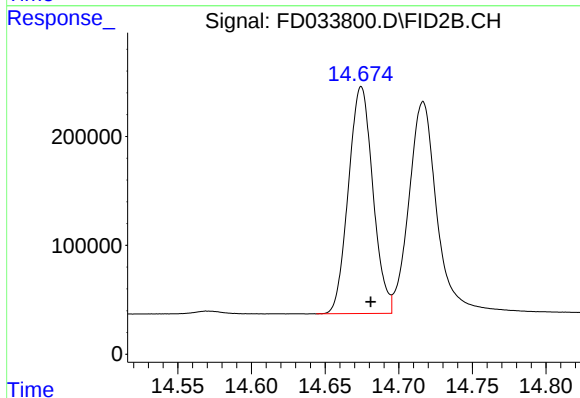
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.007 min
Response: 2705342
Conc: 20.54 ug/ml



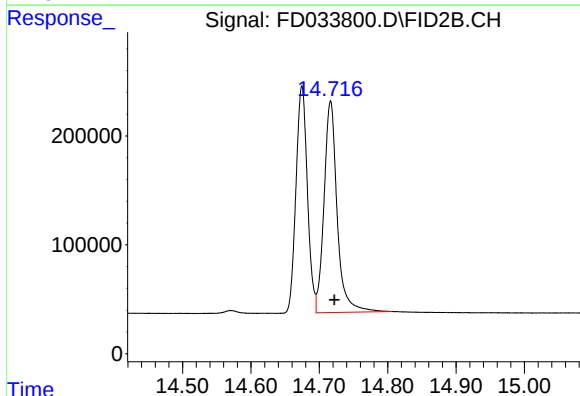
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2601689
Conc: 20.26 ug/ml



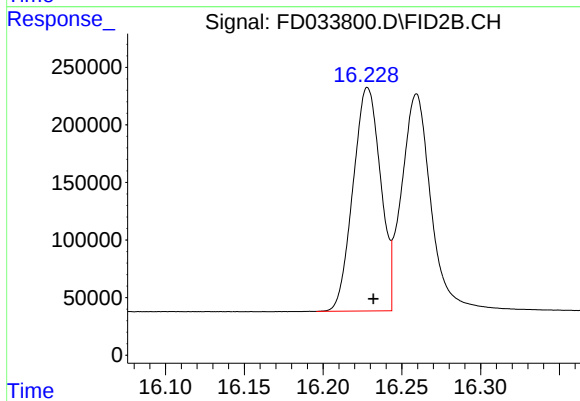
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: -0.007 min
Response: 2410346
Conc: 20.30 ug/ml



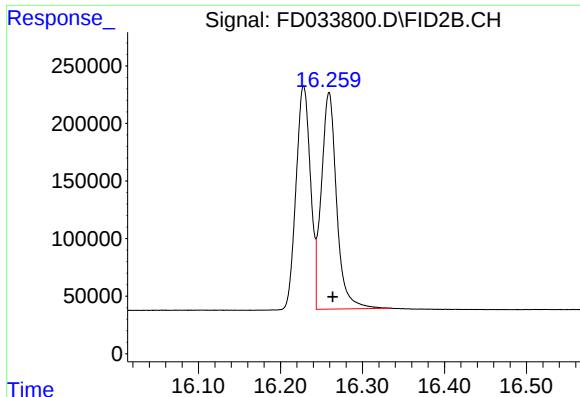
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: -0.006 min
Response: 2587166
Conc: 19.54 ug/ml



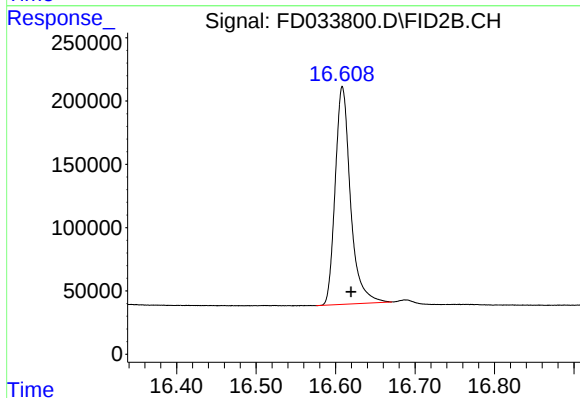
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2363558
Conc: 19.97 ug/ml



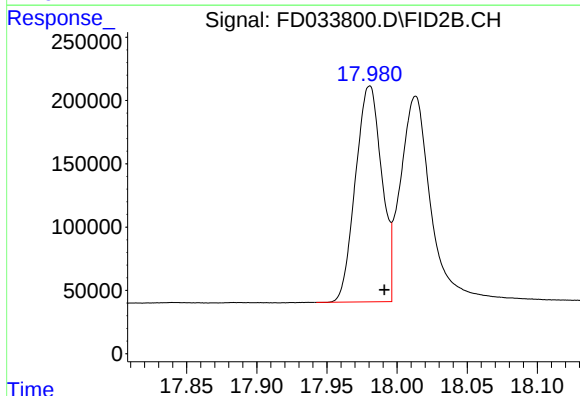
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2445823
Conc: 19.14 ug/ml



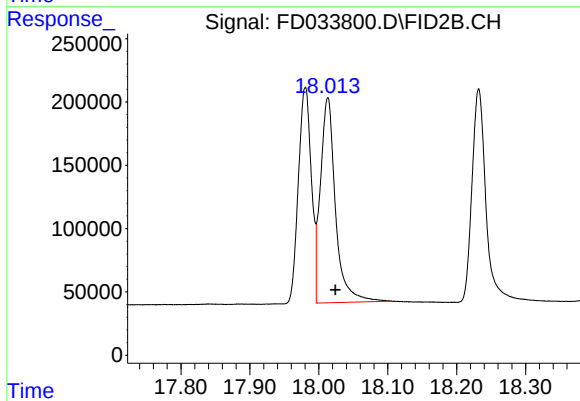
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.011 min
Response: 2294892
Conc: 19.13 ug/ml



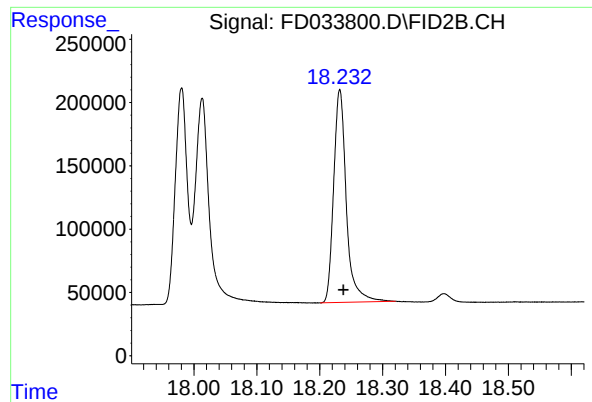
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: -0.011 min
Response: 2220898
Conc: 21.32 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.011 min
Response: 2462402
Conc: 20.09 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.006 min
Response: 2351406
Conc: 20.87 ug/ml