

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070620AR\
 Data File : FD033906.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2020 12:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 06 15:40:12 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...	7.559	2045506	18.507 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
6) S 2-Fluorobiphenyl (SURR)	8.423	1356410	18.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.55%
11) S ortho-Terphenyl (SURR)	11.450	2411028	17.360 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	2409229	19.124 ug/ml
2) T Naphthalene (C11.7)	5.902	2346184	18.665 ug/ml
3) T 2-Methylnaphthalene (...)	6.951	2354745	18.458 ug/ml
5) T Acenaphthylene (C15.06)	8.223	2305799	17.898 ug/ml
7) T Acenaphthene (C15.5)	8.517	2420712	18.091 ug/ml
8) T Fluorene (C16.55)	9.297	2265984	18.030 ug/ml
9) T Phenanthrene (C19.36)	10.692	2228276	17.356 ug/ml
10) T Anthracene (C19.43)	10.768	1901237	15.042 ug/ml
12) T Fluoranthene (C21.85)	12.502	2193873	16.660 ug/ml
13) T Pyrene (C20.8)	12.799	2128422	16.573 ug/ml
14) T Benzo[a]anthracene (C...	14.673	1977842	16.655 ug/ml
15) T Chrysene (C27.41)	14.714	2270676	17.148 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2146834	18.137 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	2110595	16.519 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	1958834	16.332 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	2081680	19.980 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	2094571	17.086 ug/ml
21) T Benzo[g,h,i]perylene ...	18.235	2056590	18.257 ug/ml

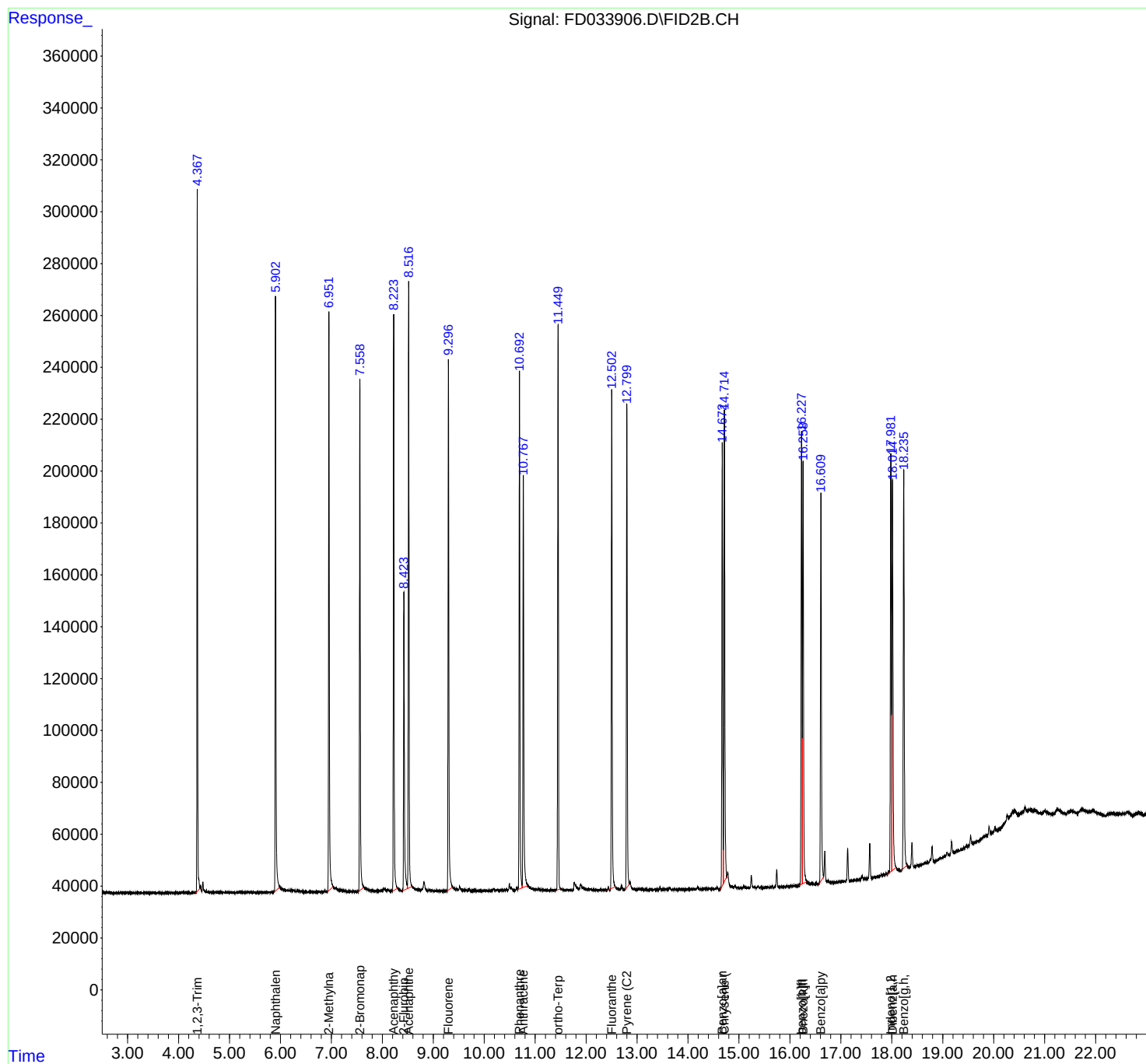
(f)=RT Delta > 1/2 Window

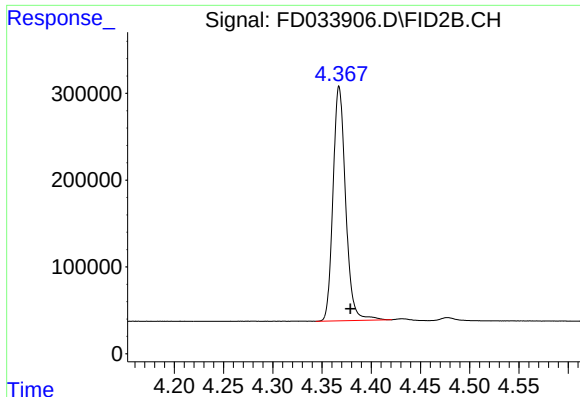
(m)=manual int.

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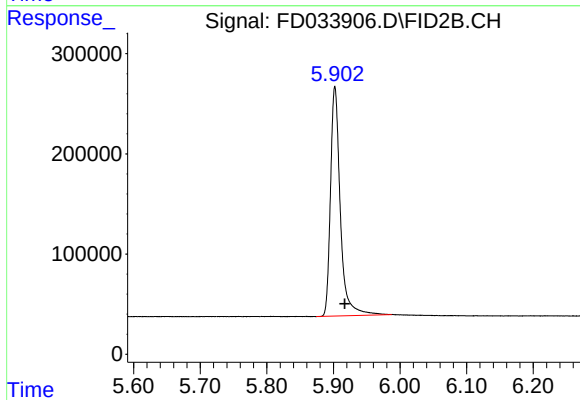
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Signal Info : 20M x 0.18mm x 0.18µm





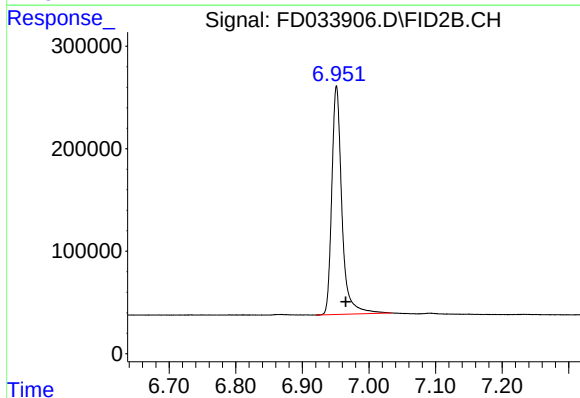
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: -0.012 min
Response: 2409229
Conc: 19.12 ug/ml



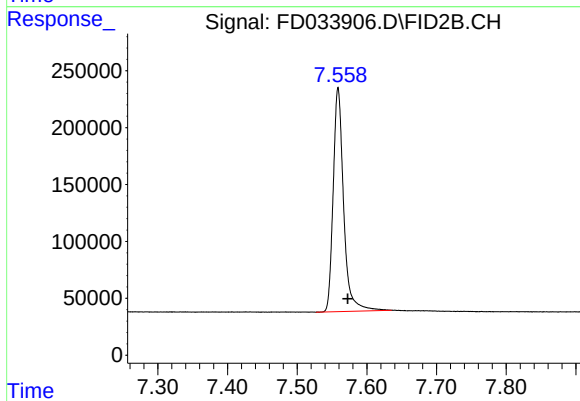
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.014 min
Response: 2346184
Conc: 18.67 ug/ml



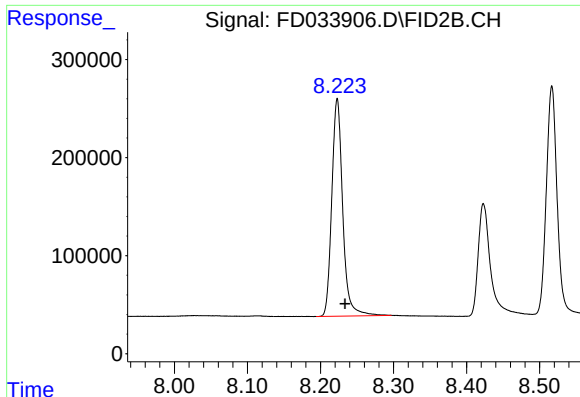
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: -0.014 min
Response: 2354745
Conc: 18.46 ug/ml



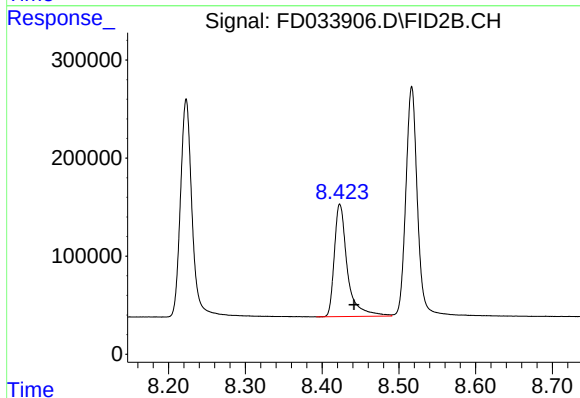
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.014 min
Response: 2045506
Conc: 18.51 ug/ml



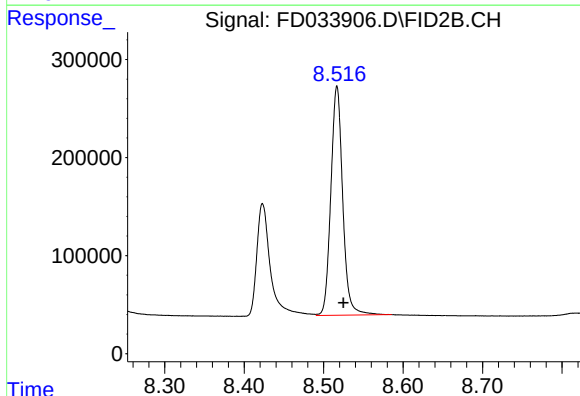
#5 Acenaphthylene (C15.06)

R.T.: 8.223 min
Delta R.T.: -0.010 min
Response: 2305799
Conc: 17.90 ug/ml



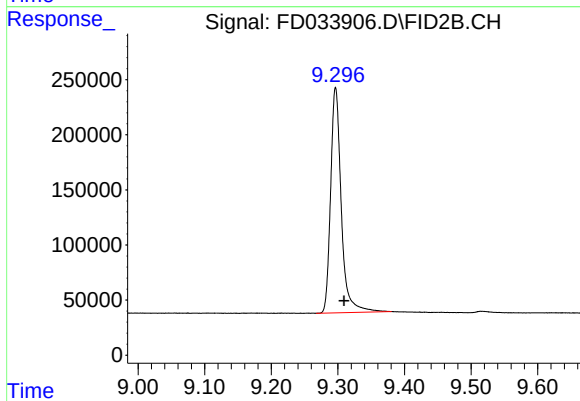
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.423 min
Delta R.T.: -0.018 min
Response: 1356410
Conc: 18.27 ug/ml



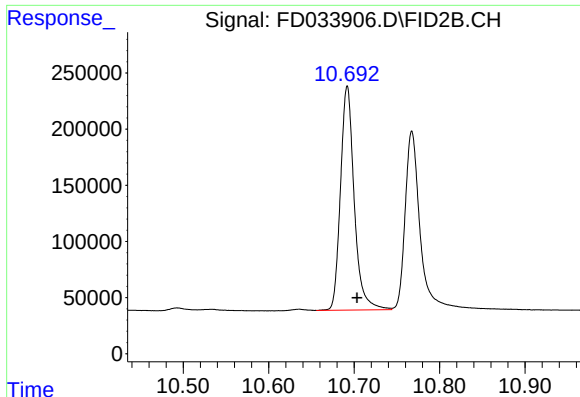
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: -0.008 min
Response: 2420712
Conc: 18.09 ug/ml



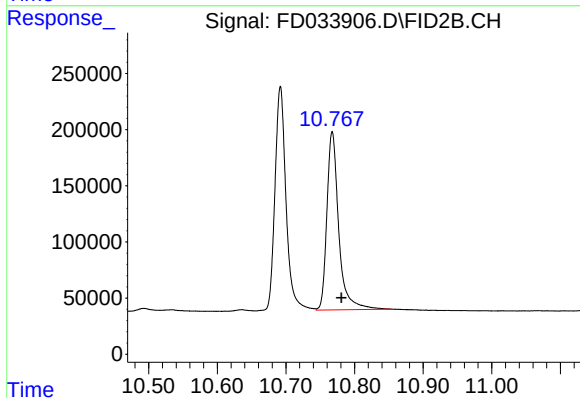
#8 Flouorene (C16.55)

R.T.: 9.297 min
Delta R.T.: -0.013 min
Response: 2265984
Conc: 18.03 ug/ml



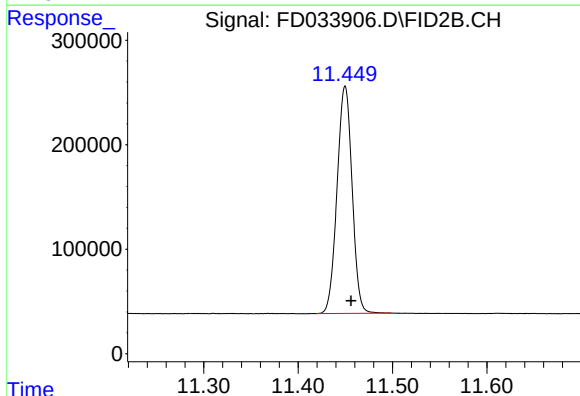
#9 Phenanthrene (C19.36)

R.T.: 10.692 min
Delta R.T.: -0.012 min
Response: 2228276
Conc: 17.36 ug/ml



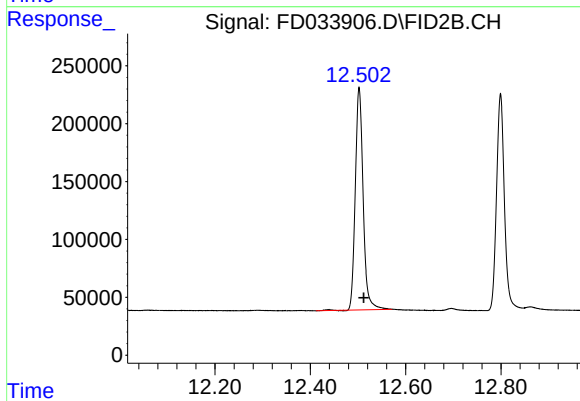
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.014 min
Response: 1901237
Conc: 15.04 ug/ml



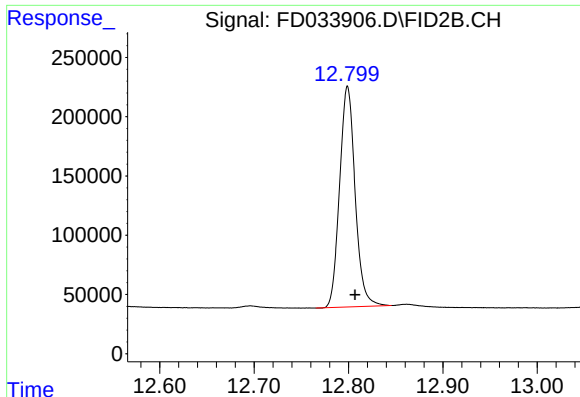
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2411028
Conc: 17.36 ug/ml



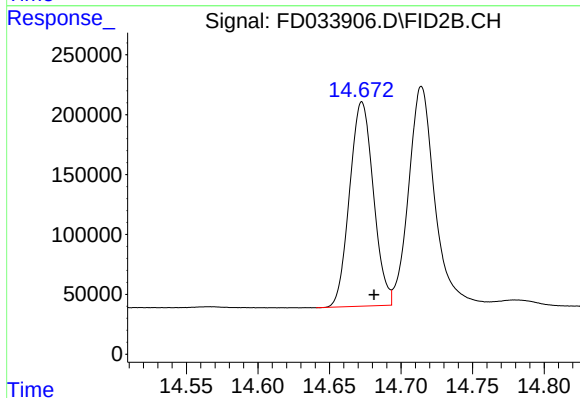
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 2193873
Conc: 16.66 ug/ml



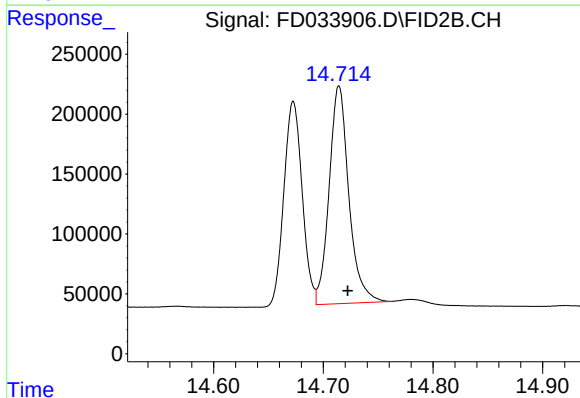
#13 Pyrene (C20.8)

R.T.: 12.799 min
Delta R.T.: -0.008 min
Response: 2128422
Conc: 16.57 ug/ml



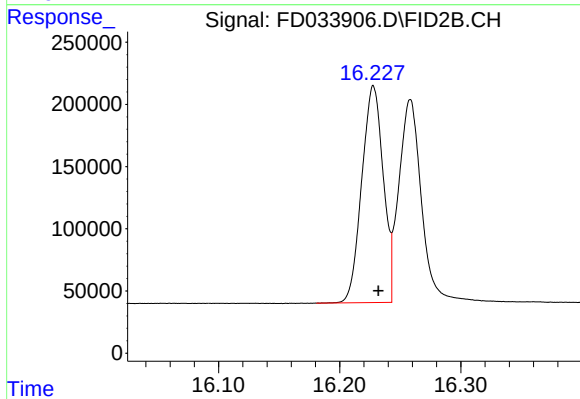
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: -0.008 min
Response: 1977842
Conc: 16.66 ug/ml



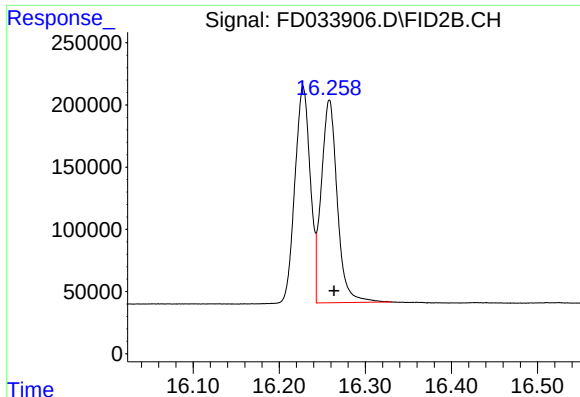
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.008 min
Response: 2270676
Conc: 17.15 ug/ml



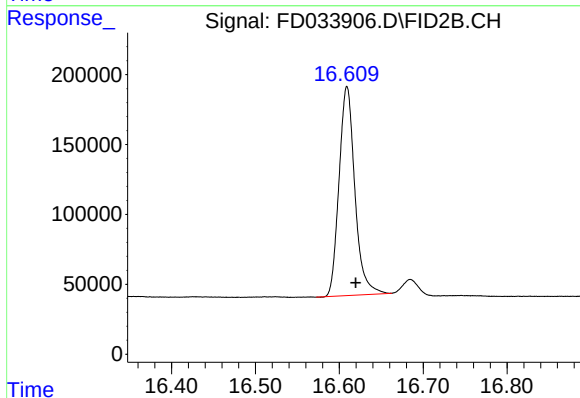
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2146834
Conc: 18.14 ug/ml



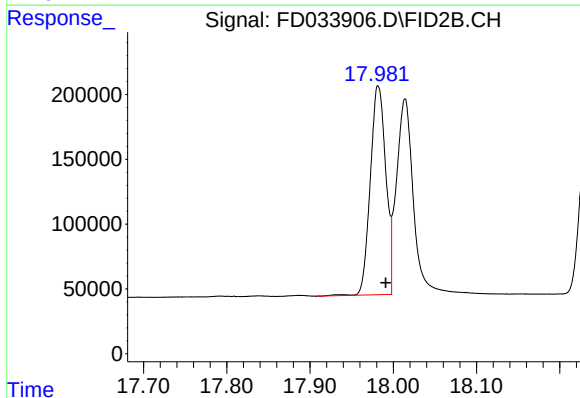
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: -0.006 min
Response: 2110595
Conc: 16.52 ug/ml



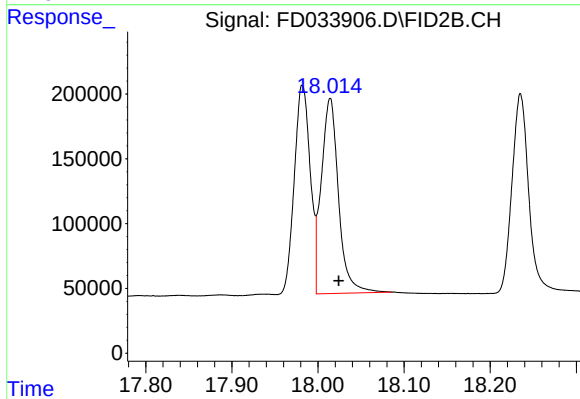
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 1958834
Conc: 16.33 ug/ml



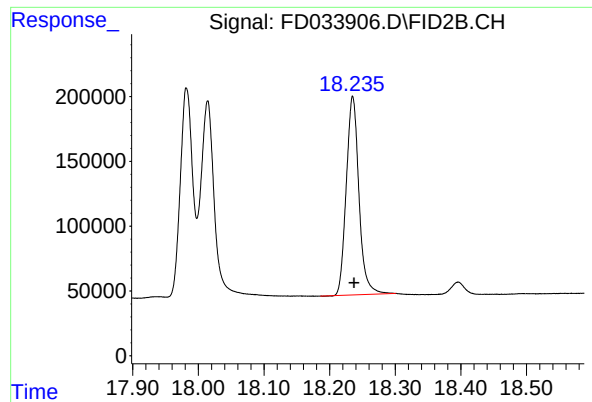
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: -0.009 min
Response: 2081680
Conc: 19.98 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.010 min
Response: 2094571
Conc: 17.09 ug/ml



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

R.T.: 18.235 min
Delta R.T.: -0.002 min
Response: 2056590
Conc: 18.26 ug/ml