

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419AR\
 Data File : FD030992.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2019 22:52
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:34:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:27:52 2019
 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...	7.556	965384	9.671 ug/ml
Spiked Amount 50.000		Recovery =	19.34%
6) S 2-Fluorobiphenyl (SURR)	8.417	627867	9.388 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.78%
11) S ortho-Terphenyl (SURR)	11.440	1140274	10.181 ug/ml
Spiked Amount 50.000		Recovery =	20.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	991314	9.647 ug/ml
2) T Naphthalene (C11.7)	5.899	997912	9.339 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	1026517	9.543 ug/ml
5) T Acenaphthylene (C15.06)	8.216	1050093	9.826 ug/ml
7) T Acenaphthene (C15.5)	8.509	1117132	9.963 ug/ml
8) T Flouorene (C16.55)	9.291	1046012	9.637 ug/ml
9) T Phenanthrene (C19.36)	10.681	1056242	9.690 ug/ml
10) T Anthracene (C19.43)	10.757	1081525	9.876 ug/ml
12) T Fluoranthene (C21.85)	12.485	1094892	9.933 ug/ml
13) T Pyrene (C20.8)	12.781	1119751	10.012 ug/ml
14) T Benzo[a]anthracene (C...	14.646	960624	9.431 ug/ml
15) T Chrysene (C27.41)	14.688	1197735	10.735 ug/ml
16) T benzo[b]fluoranthene ...	16.191	989470	9.696 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	1178479	10.701 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	1037693	9.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.933	880257	9.475 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	1129662	10.438 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	991009	10.073 ug/ml

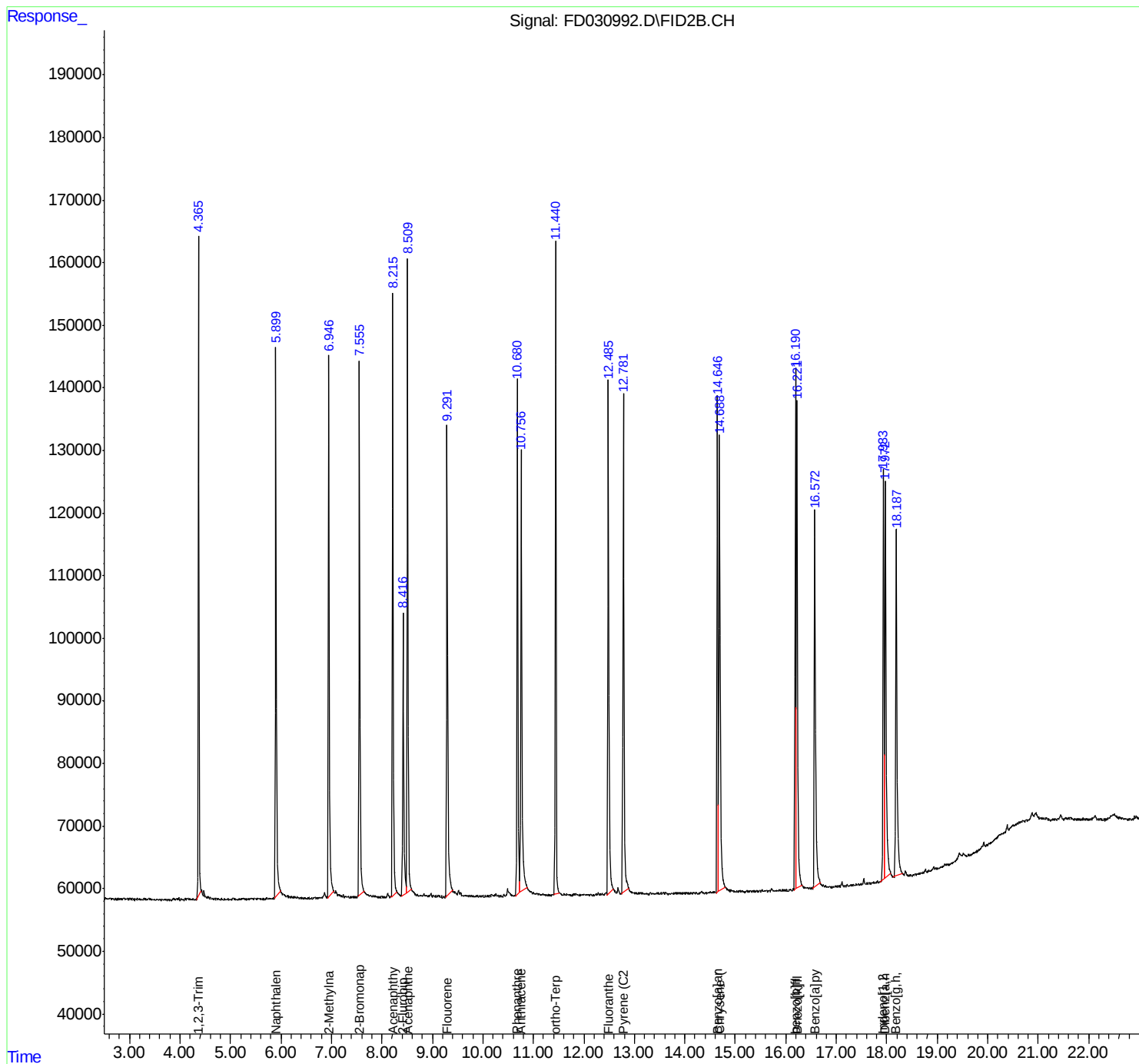
(f)=RT Delta > 1/2 Window

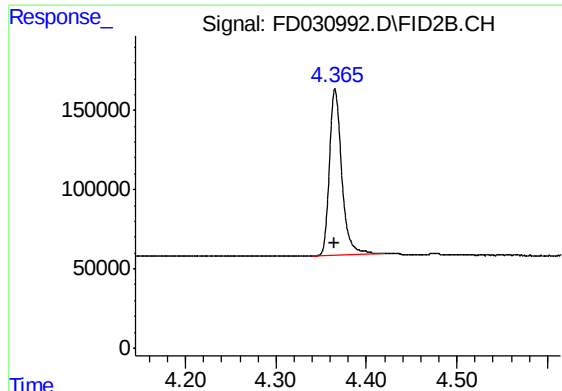
(m)=manual int.

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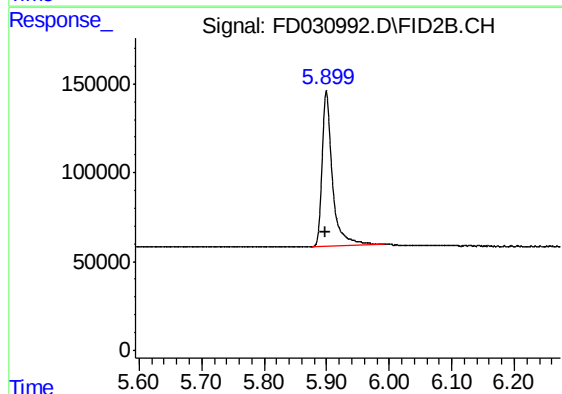
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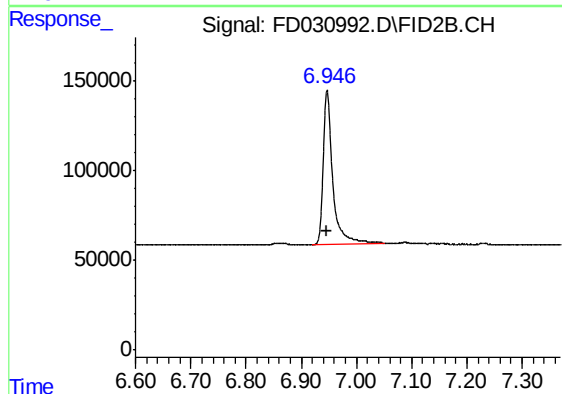
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 991314
Conc: 9.65 ug/ml



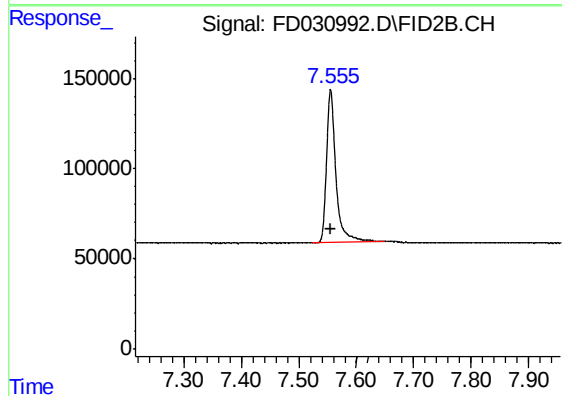
#2 Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 997912
Conc: 9.34 ug/ml



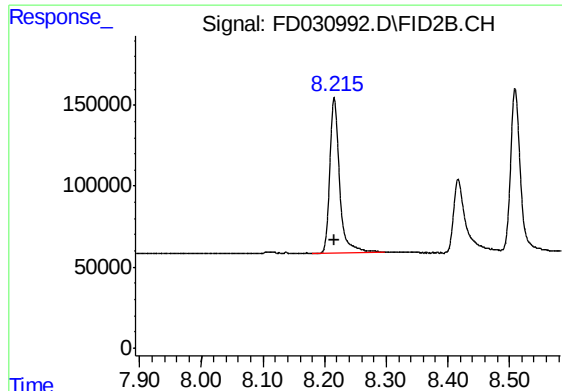
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 1026517
Conc: 9.54 ug/ml



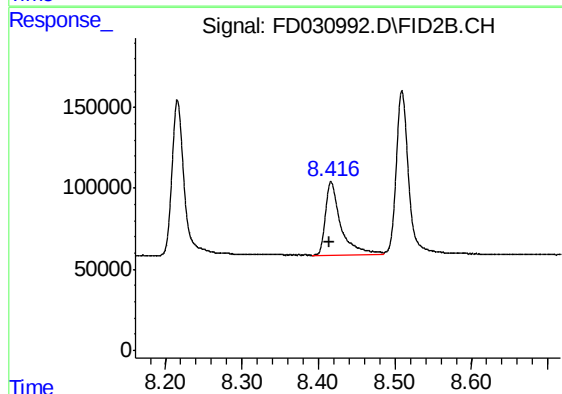
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 965384
Conc: 9.67 ug/ml



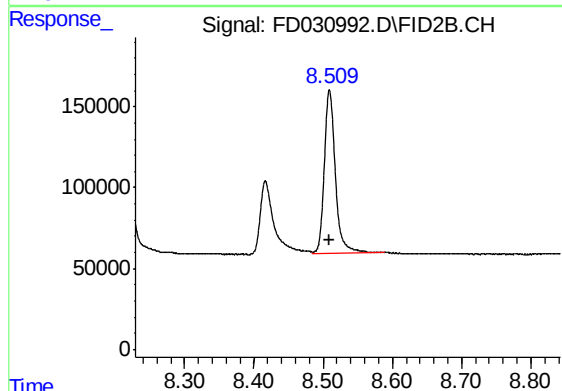
#5 Acenaphthylene (C15.06)

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 1050093
Conc: 9.83 ug/ml



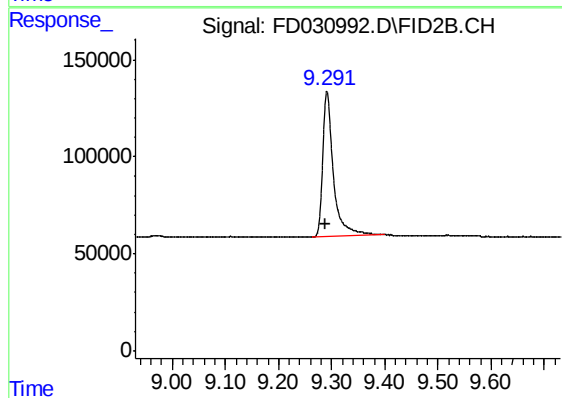
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.002 min
Response: 627867
Conc: 9.39 ug/ml



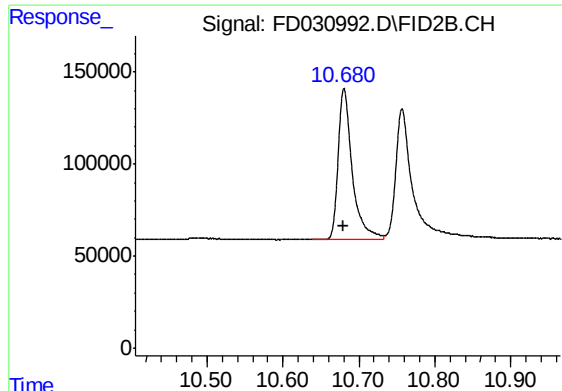
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 1117132
Conc: 9.96 ug/ml



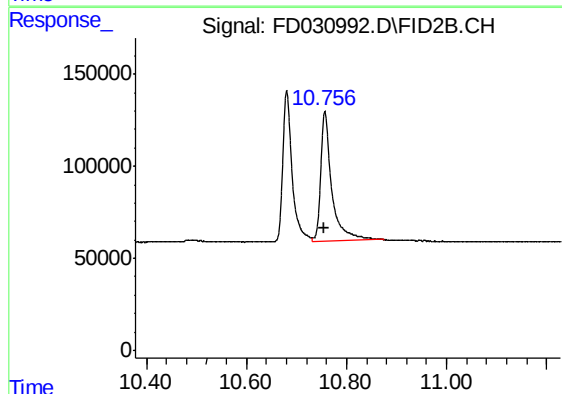
#8 Flouorene (C16.55)

R.T.: 9.291 min
Delta R.T.: 0.002 min
Response: 1046012
Conc: 9.64 ug/ml



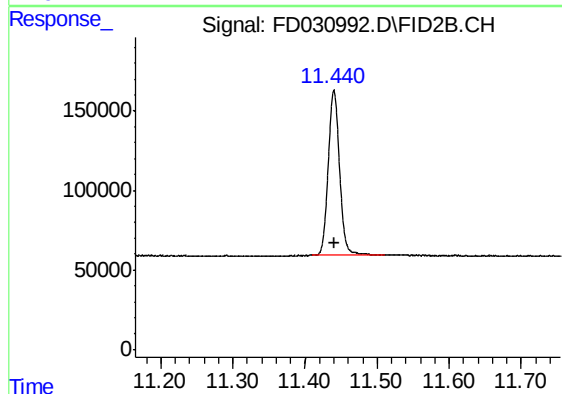
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: 0.000 min
Response: 1056242
Conc: 9.69 ug/ml



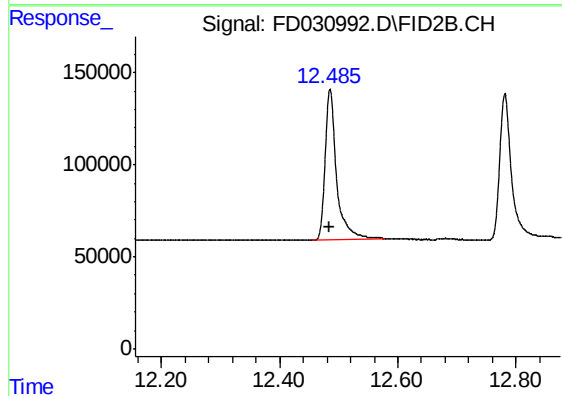
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: 0.001 min
Response: 1081525
Conc: 9.88 ug/ml



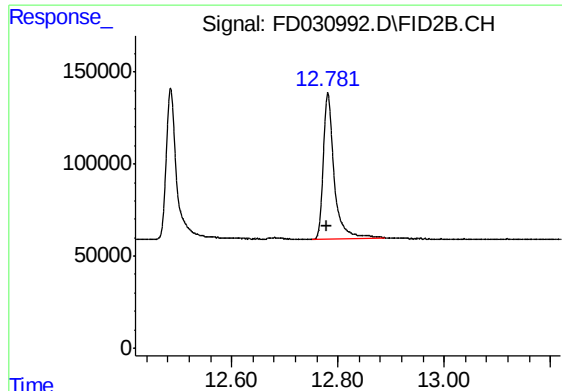
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.001 min
Response: 1140274
Conc: 10.18 ug/ml



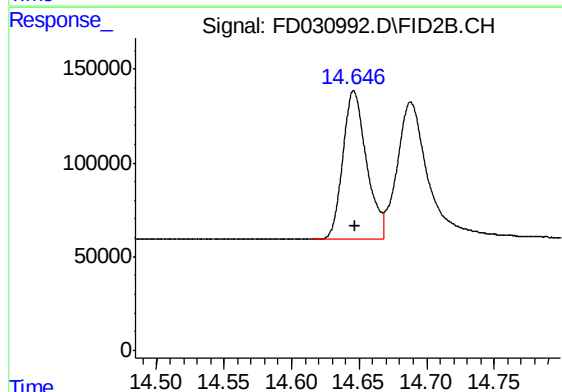
#12 Fluoranthene (C21.85)

R.T.: 12.485 min
Delta R.T.: 0.000 min
Response: 1094892
Conc: 9.93 ug/ml



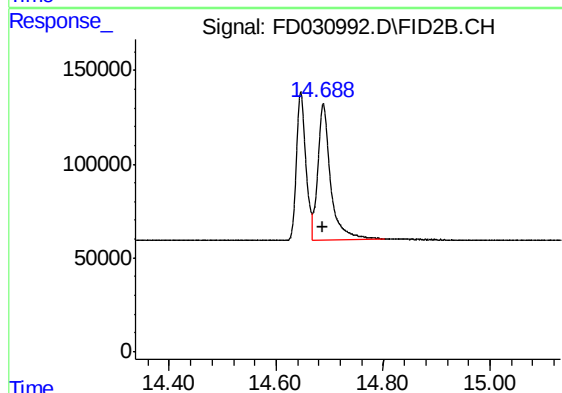
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: 0.001 min
Response: 1119751
Conc: 10.01 ug/ml



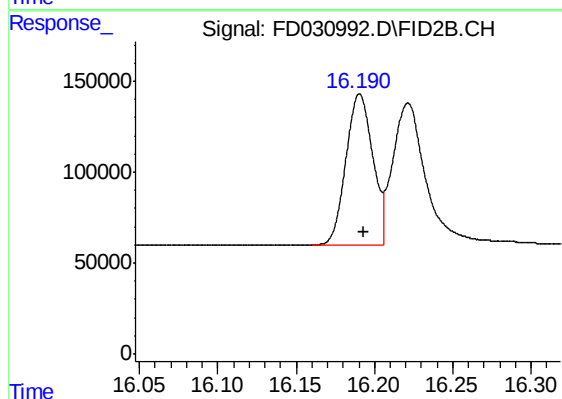
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 960624
Conc: 9.43 ug/ml



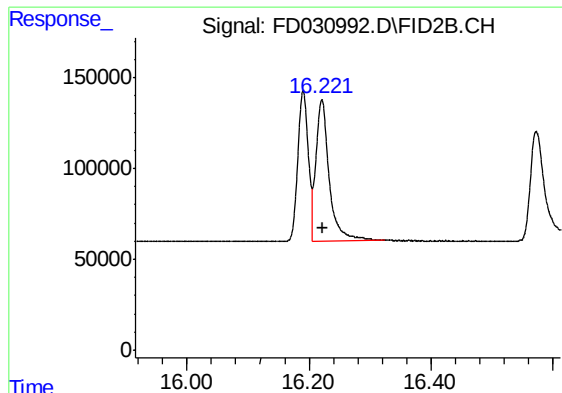
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.000 min
Response: 1197735
Conc: 10.74 ug/ml



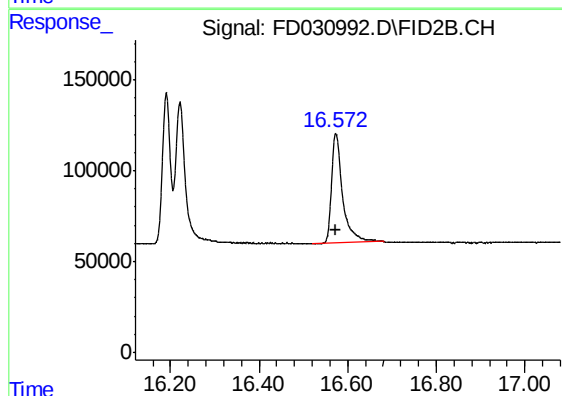
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.191 min
Delta R.T.: -0.003 min
Response: 989470
Conc: 9.70 ug/ml



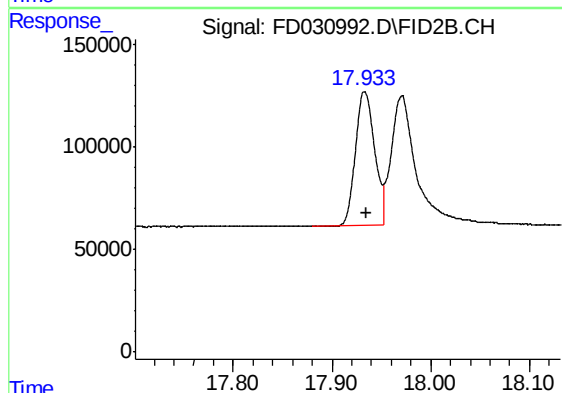
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: -0.002 min
Response: 1178479
Conc: 10.70 ug/ml



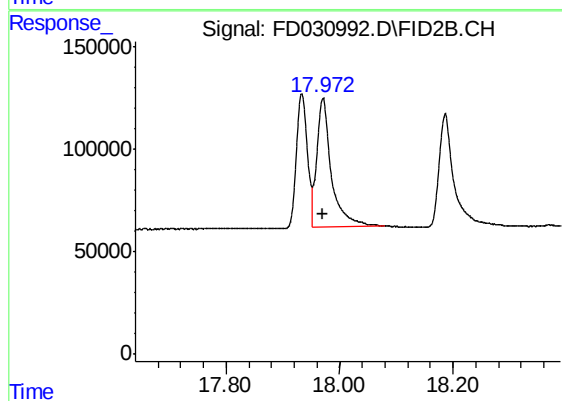
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.001 min
Response: 1037693
Conc: 9.92 ug/ml



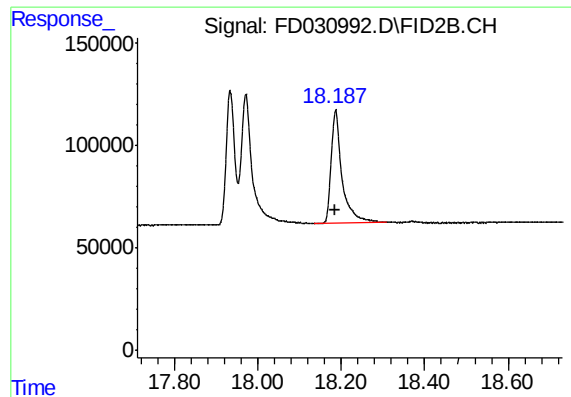
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min
Delta R.T.: -0.001 min
Response: 880257
Conc: 9.48 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.000 min
Response: 1129662
Conc: 10.44 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.000 min
Response: 991009
Conc: 10.07 ug/ml