

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102519AR\
 Data File : FD031231.D
 Signal(s) : FID2B.CH
 Acq On : 25 Oct 2019 9:45
 Operator : DD\AJ
 Sample : K5111-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 23:49:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.540	5920849	61.943 ug/ml
Spiked Amount 50.000		Recovery =	123.89%
6) S 2-Fluorobiphenyl (SURR)	8.401	3835071	60.441 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.88%
11) S ortho-Terphenyl (SURR)	11.431	5973183	54.500 ug/ml
Spiked Amount 50.000		Recovery =	109.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	247805	2.498 ug/ml
2) T Naphthalene (C11.7)	5.886	266720	2.634 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	269660	2.630 ug/ml
5) T Acenaphthylene (C15.06)	8.203	294204	2.850 ug/ml
7) T Acenaphthene (C15.5)	8.495	313271	2.870 ug/mlm
8) T Flouorene (C16.55)	9.280	290643	2.804 ug/ml
9) T Phenanthrene (C19.36)	10.673	256493	2.455 ug/ml
10) T Anthracene (C19.43)	10.751	239281	2.280 ug/ml
12) T Fluoranthene (C21.85)	12.477	294142	2.769 ug/ml
13) T Pyrene (C20.8)	12.773	293356	2.769 ug/ml
14) T Benzo[a]anthracene (C...	14.644	231708	2.412 ug/ml
15) T Chrysene (C27.41)	14.683	312066	2.839 ug/mlm
16) T benzo[b]fluoranthene ...	16.190	270286	2.786 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.222	285926	2.627 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.576	235729	2.402 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	243189	2.691 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	263420	2.566 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.187	282327	2.962 ug/ml

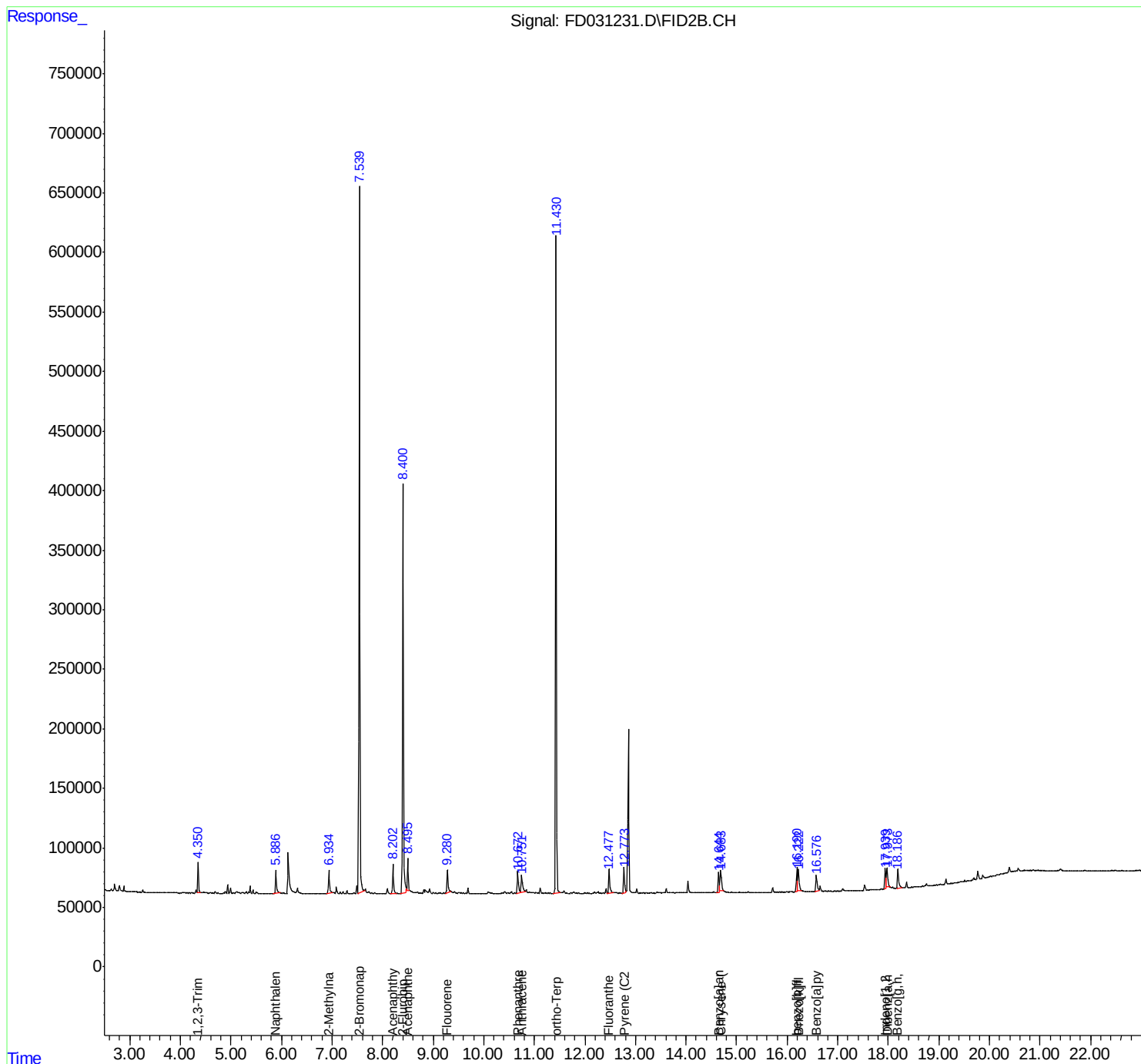
(f)=RT Delta > 1/2 Window

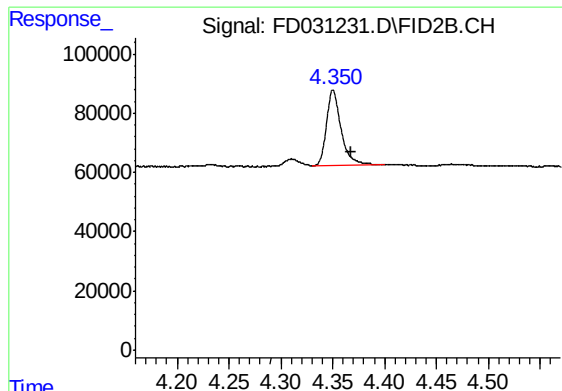
(m)=manual int.

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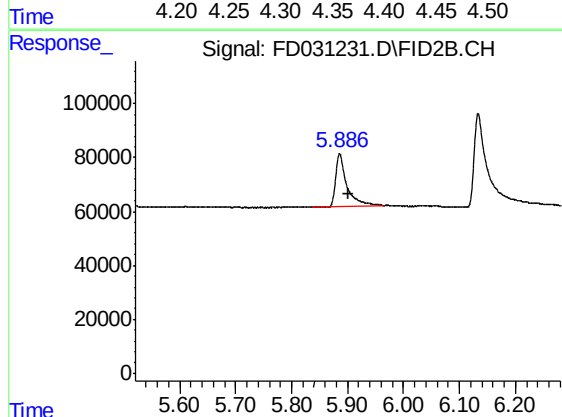
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Signal Info : 20M x 0.18mm x 0.18µm





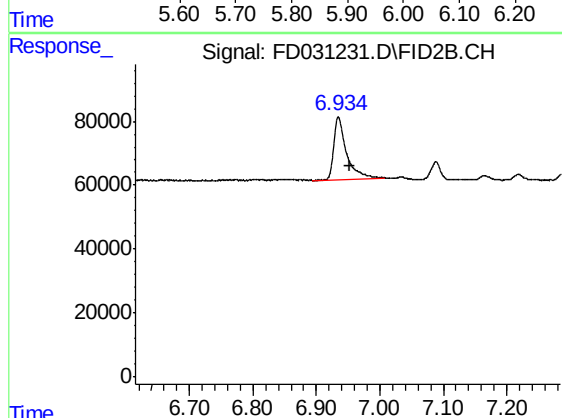
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.018 min
Response: 247805
Conc: 2.50 ug/ml



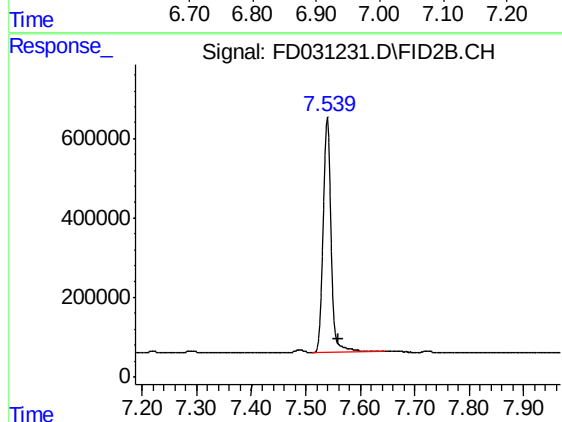
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.016 min
Response: 266720
Conc: 2.63 ug/ml



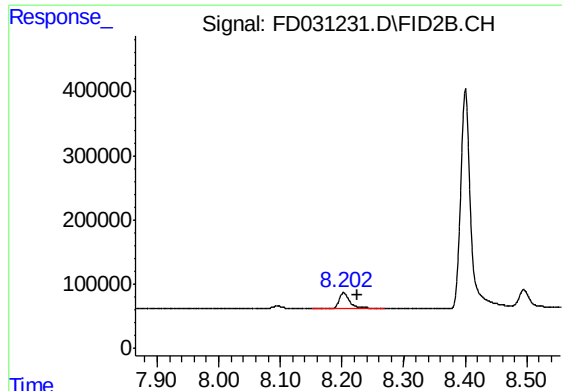
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.017 min
Response: 269660
Conc: 2.63 ug/ml



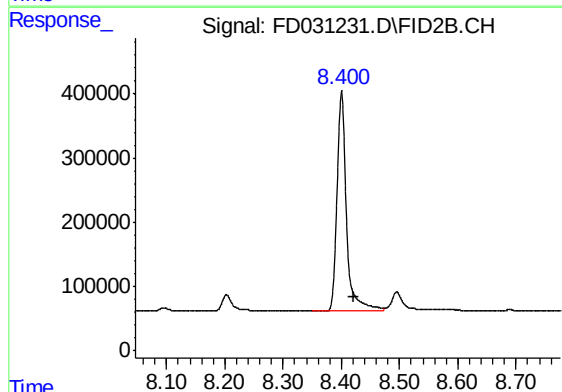
#4 2-Bromonaphthalene (SURR)

R.T.: 7.540 min
Delta R.T.: -0.020 min
Response: 5920849
Conc: 61.94 ug/ml



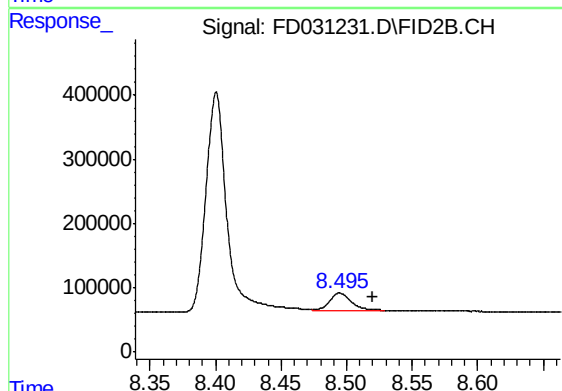
#5 Acenaphthylene (C15.06)

R.T.: 8.203 min
Delta R.T.: -0.022 min
Response: 294204
Conc: 2.85 ug/ml



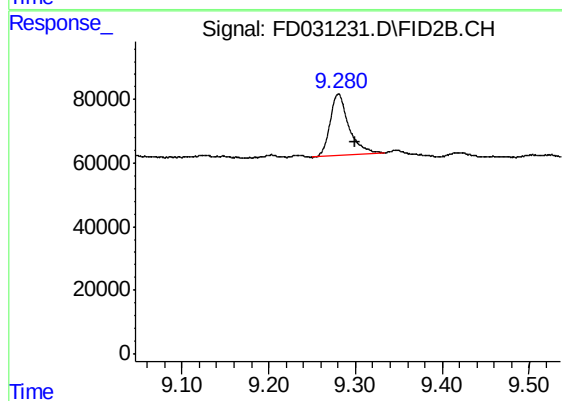
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.020 min
Response: 3835071
Conc: 60.44 ug/ml



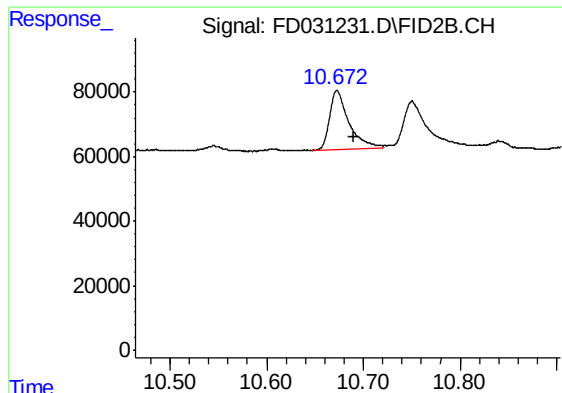
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: -0.026 min
Response: 313271
Conc: 2.87 ug/ml m



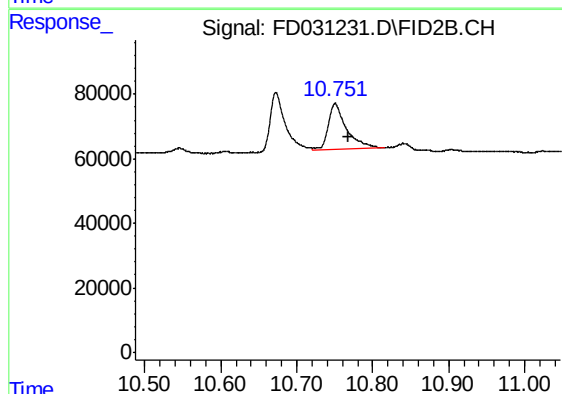
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.019 min
Response: 290643
Conc: 2.80 ug/ml



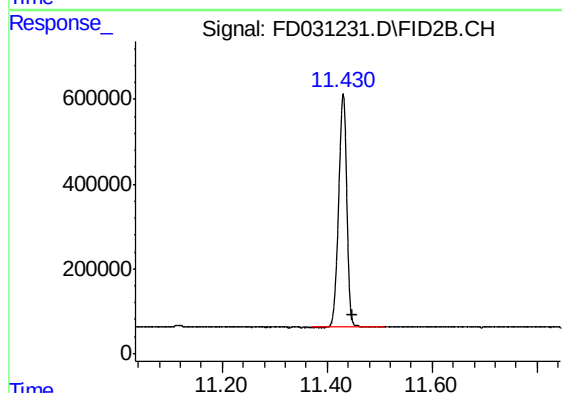
#9 Phenanthrene (C19.36)

R.T.: 10.673 min
Delta R.T.: -0.018 min
Response: 256493
Conc: 2.46 ug/ml



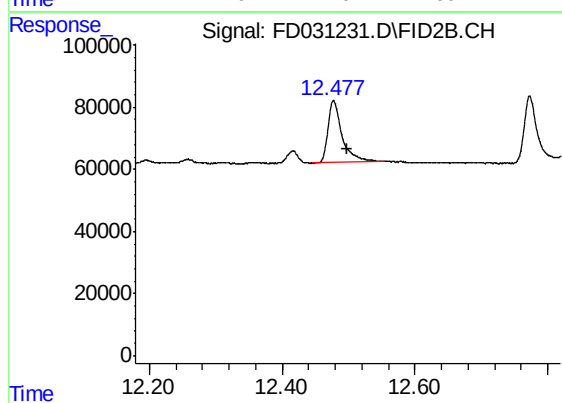
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: -0.017 min
Response: 239281
Conc: 2.28 ug/ml



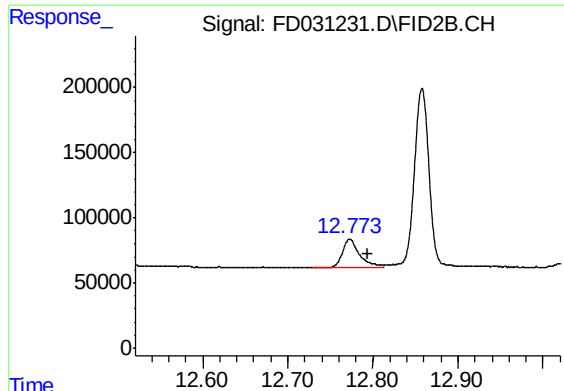
#11 ortho-Terphenyl (SURR)

R.T.: 11.431 min
Delta R.T.: -0.018 min
Response: 5973183
Conc: 54.50 ug/ml



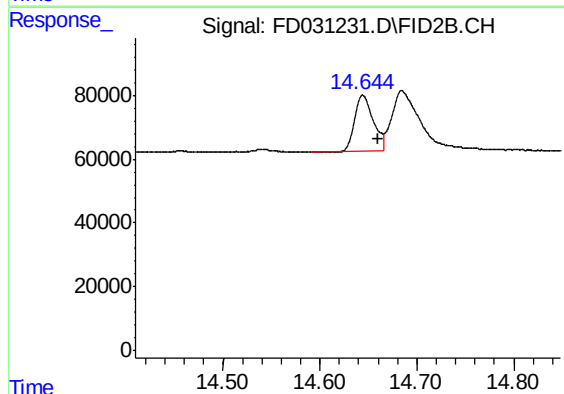
#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: -0.020 min
Response: 294142
Conc: 2.77 ug/ml



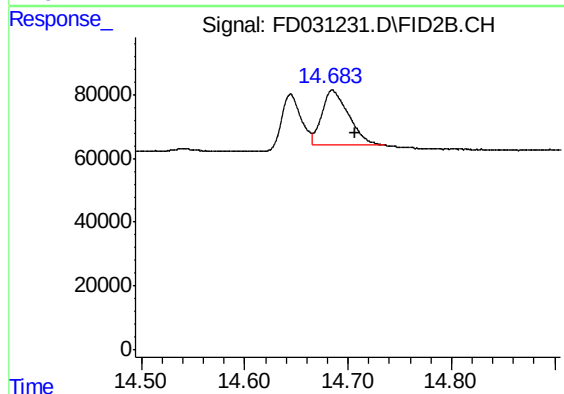
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: -0.021 min
Response: 293356
Conc: 2.77 ug/ml



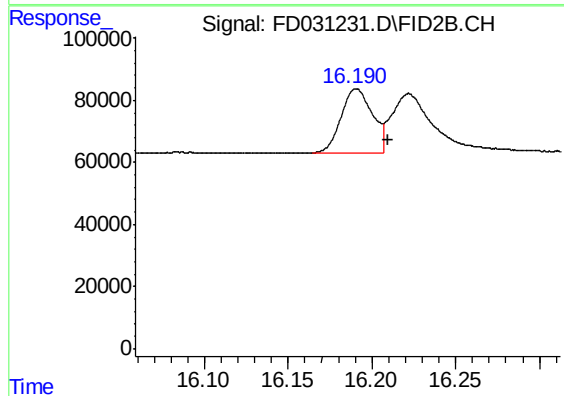
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 231708
Conc: 2.41 ug/ml



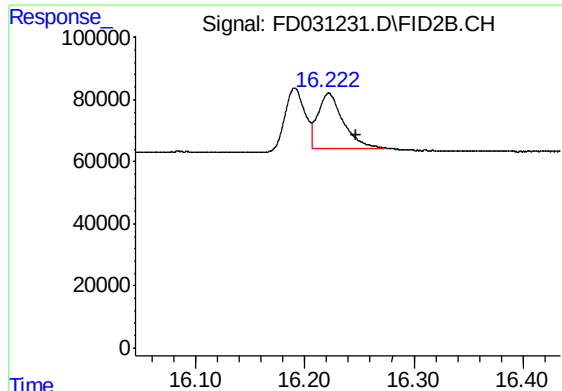
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.023 min
Response: 312066
Conc: 2.84 ug/ml m



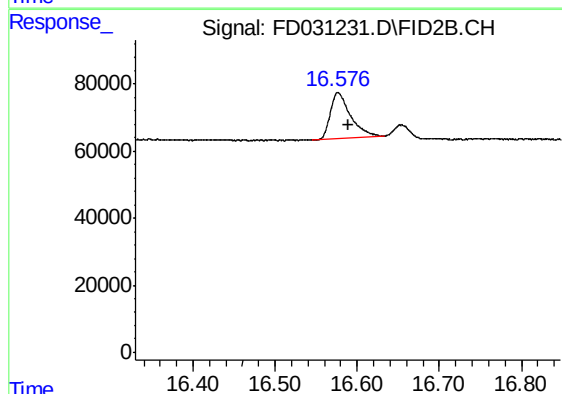
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: -0.020 min
Response: 270286
Conc: 2.79 ug/ml m



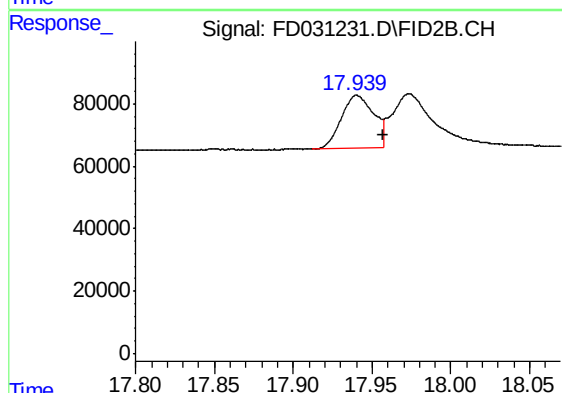
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.025 min
Response: 285926
Conc: 2.63 ug/ml m



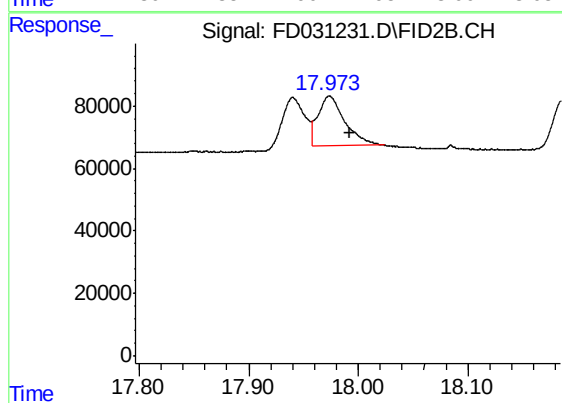
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: -0.013 min
Response: 235729
Conc: 2.40 ug/ml



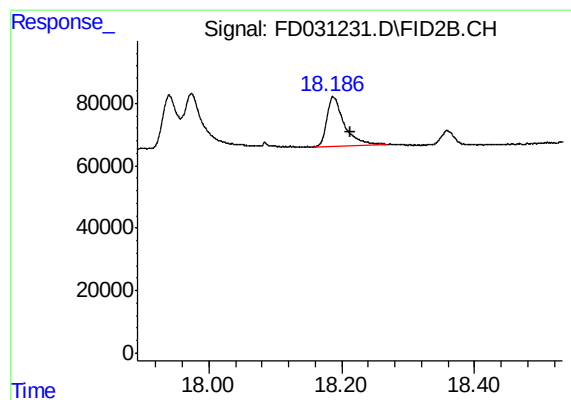
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: -0.016 min
Response: 243189
Conc: 2.69 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.019 min
Response: 263420
Conc: 2.57 ug/ml m



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

R.T.: 18.187 min
Delta R.T.: -0.027 min
Response: 282327
Conc: 2.96 ug/ml