

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092519AR\
 Data File : FD030806.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 3:41
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 04:34:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:31:59 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...	7.579	747103	4.554 ug/ml
Spiked Amount 50.000		Recovery =	9.11%
6) S 2-Fluorobiphenyl (SURR)	8.440	498464	4.464 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.93%
11) S ortho-Terphenyl (SURR)	11.467	865463	4.821 ug/ml
Spiked Amount 50.000		Recovery =	9.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	823457	4.678 ug/ml
2) T Naphthalene (C11.7)	5.921	834807	4.506 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	822781	4.472 ug/ml
5) T Acenaphthylene (C15.06)	8.241	829659	4.683 ug/ml
7) T Acenaphthene (C15.5)	8.535	873659	4.711 ug/ml
8) T Fluorene (C16.55)	9.315	836087	4.575 ug/ml
9) T Phenanthrene (C19.36)	10.706	843099	4.624 ug/ml
10) T Anthracene (C19.43)	10.782	830219	4.702 ug/ml
12) T Fluoranthene (C21.85)	12.512	859145	4.758 ug/ml
13) T Pyrene (C20.8)	12.808	839831	4.746 ug/ml
14) T Benzo[a]anthracene (C...	14.673	788189	4.679 ug/ml
15) T Chrysene (C27.41)	14.714	861283	5.035 ug/ml
16) T benzo[b]fluoranthene ...	16.219	788507	4.796 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	837283	5.046 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.599	774769	4.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.959	700817	4.580 ug/ml
20) T Dibenz[a,h]anthracene...	17.997	809789	5.183 ug/ml
21) T Benzo[g,h,i]perylene ...	18.212	729883	4.802 ug/ml

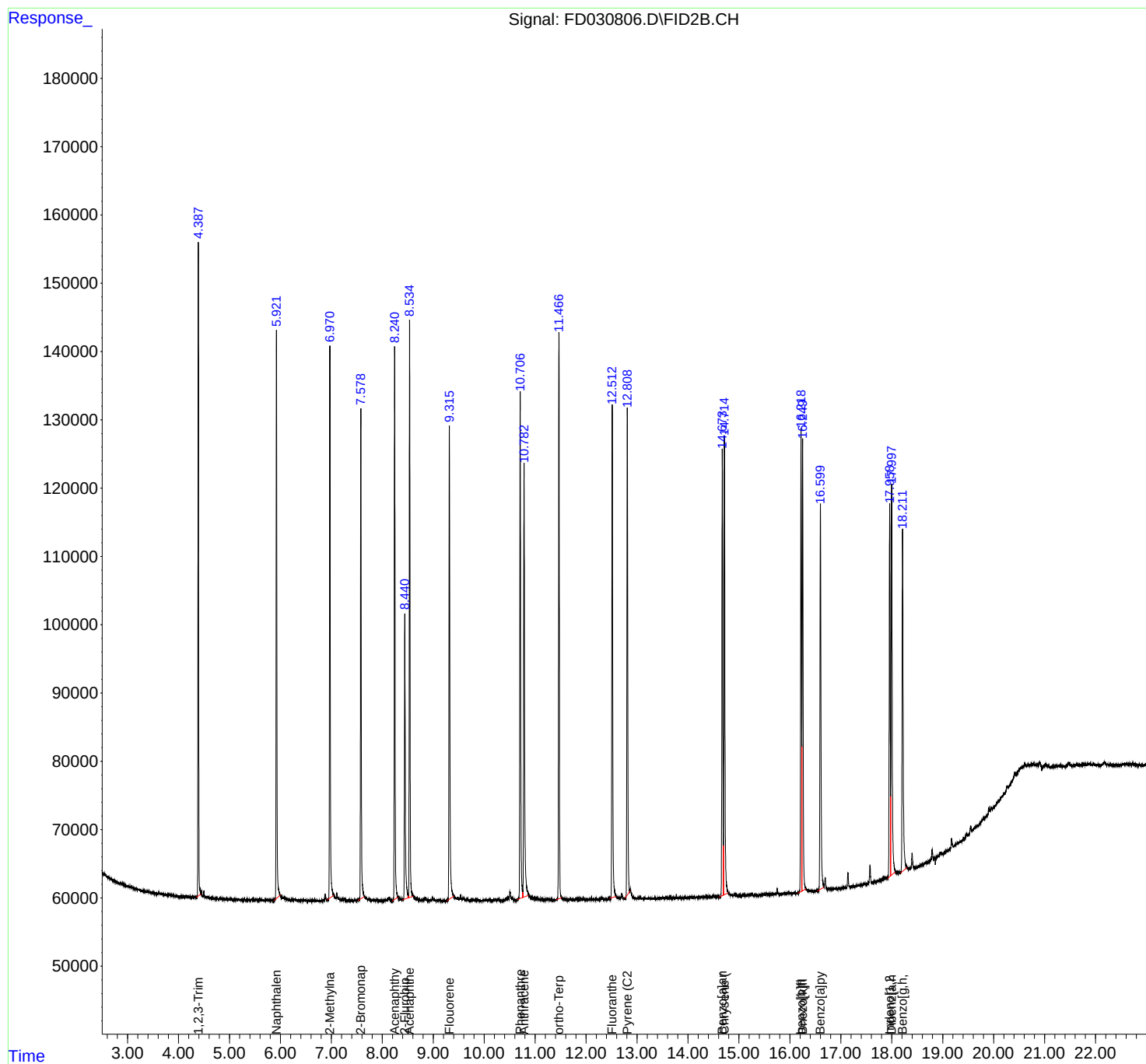
(f)=RT Delta > 1/2 Window

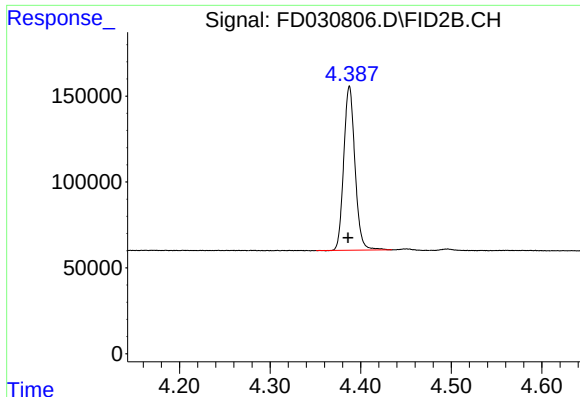
(m)=manual int.

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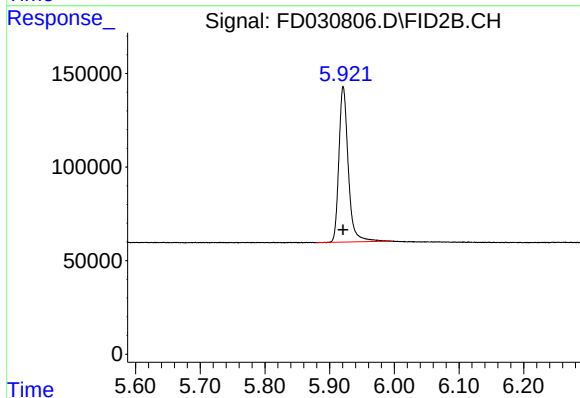
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Signal Info : 20M x 0.18mm x 0.18µm





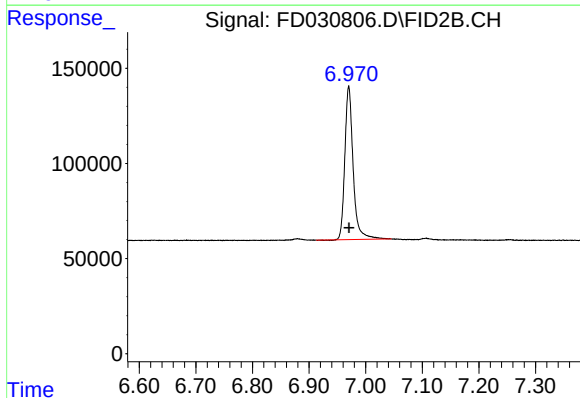
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: 0.002 min
Response: 823457
Conc: 4.68 ug/ml



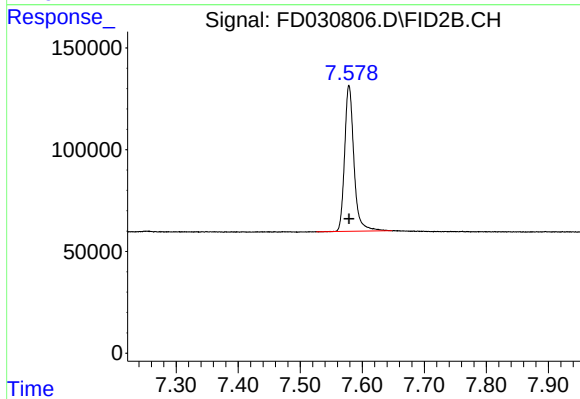
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 834807
Conc: 4.51 ug/ml



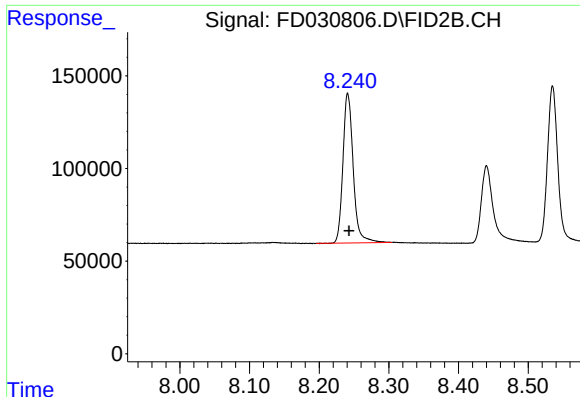
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 822781
Conc: 4.47 ug/ml



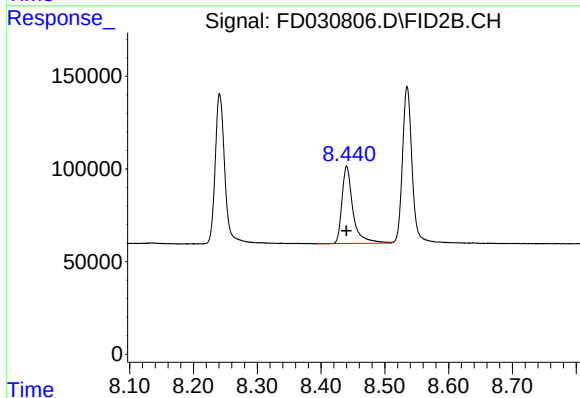
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 747103
Conc: 4.55 ug/ml



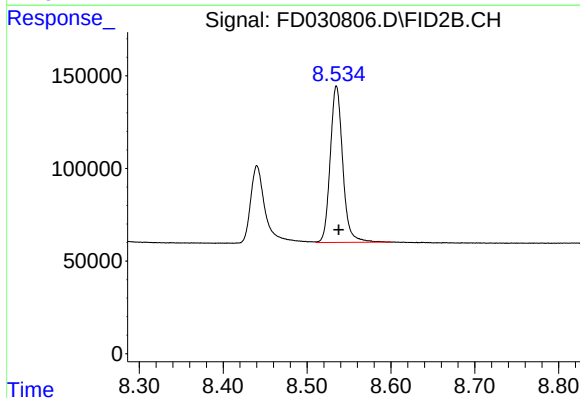
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 829659
Conc: 4.68 ug/ml



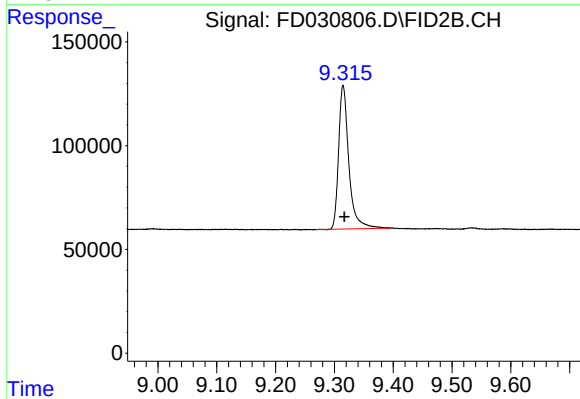
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 498464
Conc: 4.46 ug/ml



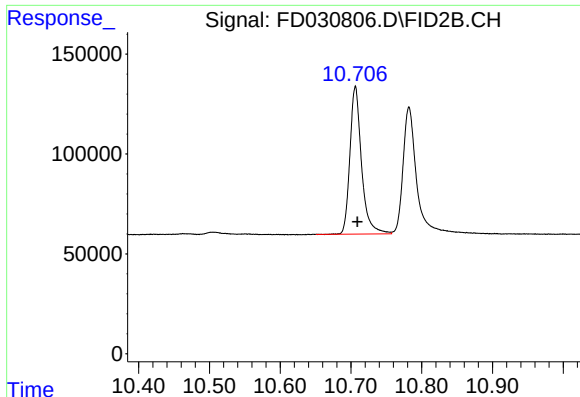
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 873659
Conc: 4.71 ug/ml



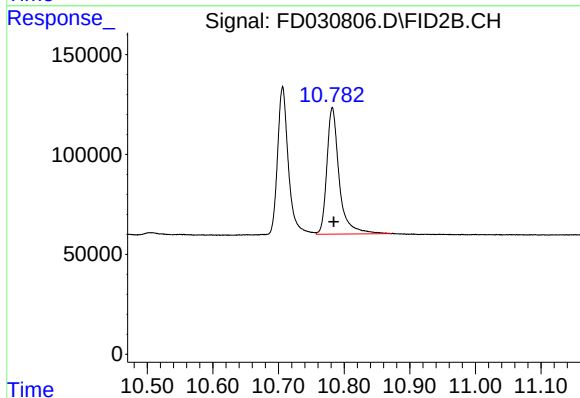
#8 Flouorene (C16.55)

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 836087
Conc: 4.58 ug/ml



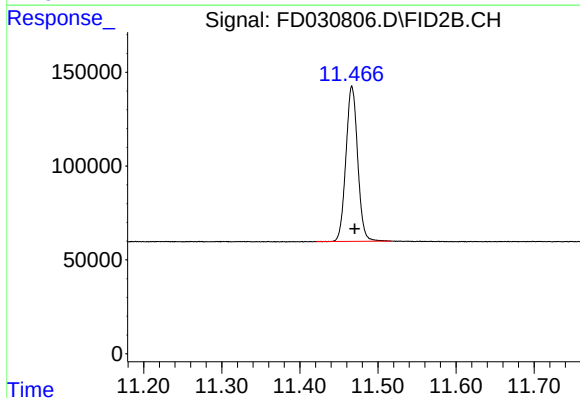
#9 Phenanthrene (C19.36)

R.T.: 10.706 min
Delta R.T.: -0.003 min
Response: 843099
Conc: 4.62 ug/ml



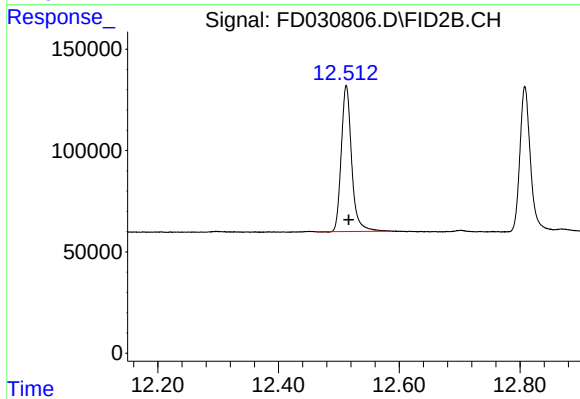
#10 Anthracene (C19.43)

R.T.: 10.782 min
Delta R.T.: -0.002 min
Response: 830219
Conc: 4.70 ug/ml



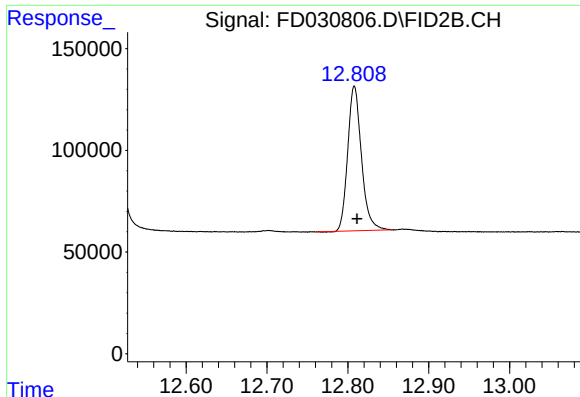
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: -0.004 min
Response: 865463
Conc: 4.82 ug/ml



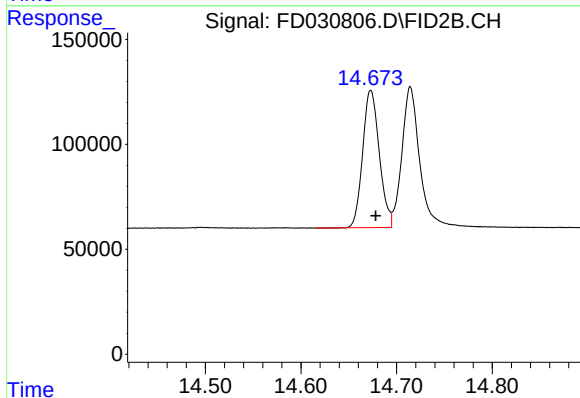
#12 Fluoranthene (C21.85)

R.T.: 12.512 min
Delta R.T.: -0.004 min
Response: 859145
Conc: 4.76 ug/ml



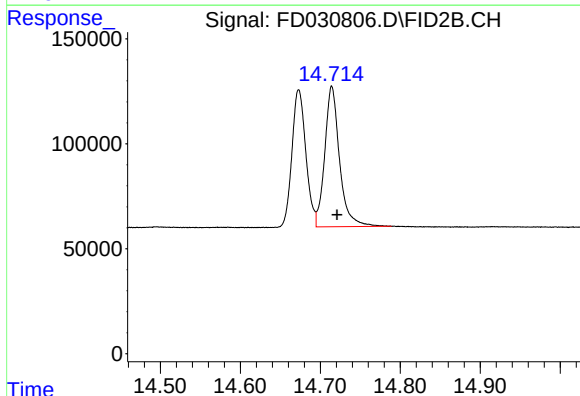
#13 Pyrene (C20.8)

R.T.: 12.808 min
Delta R.T.: -0.004 min
Response: 839831
Conc: 4.75 ug/ml



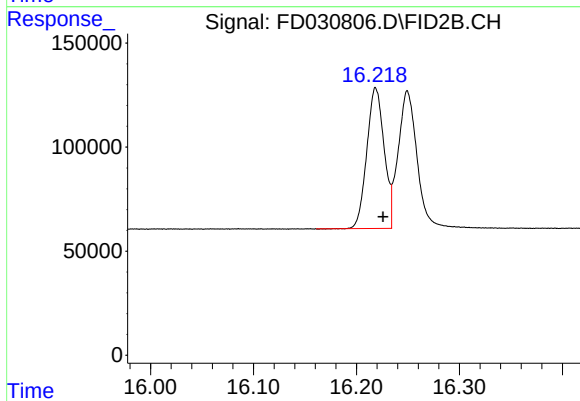
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: -0.005 min
Response: 788189
Conc: 4.68 ug/ml



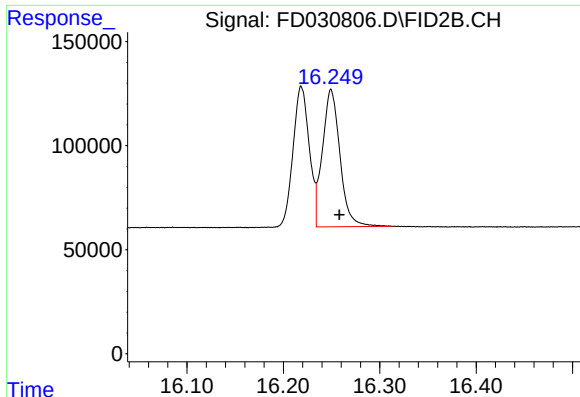
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.006 min
Response: 861283
Conc: 5.03 ug/ml



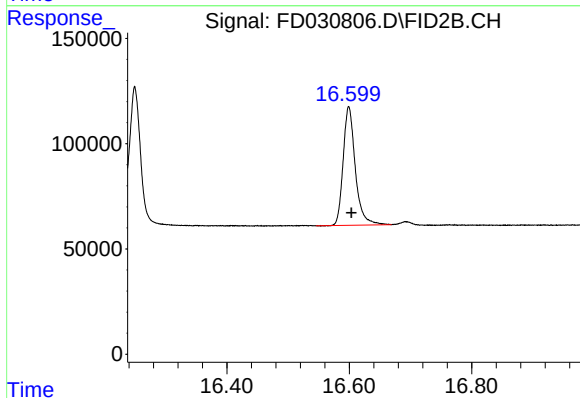
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.219 min
Delta R.T.: -0.007 min
Response: 788507
Conc: 4.80 ug/ml



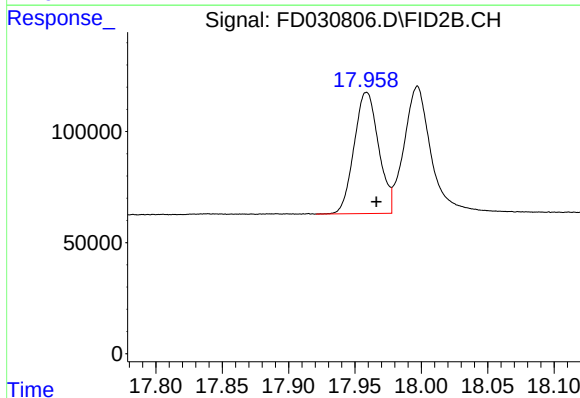
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.250 min
Delta R.T.: -0.009 min
Response: 837283
Conc: 5.05 ug/ml



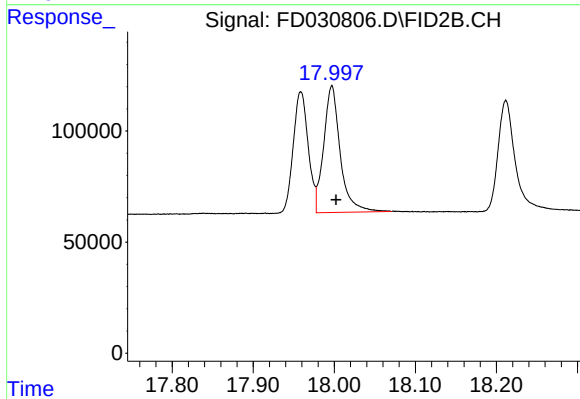
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.599 min
Delta R.T.: -0.004 min
Response: 774769
Conc: 4.82 ug/ml



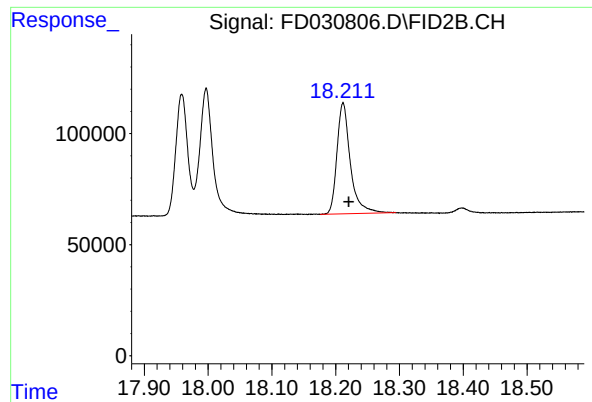
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.959 min
Delta R.T.: -0.007 min
Response: 700817
Conc: 4.58 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.005 min
Response: 809789
Conc: 5.18 ug/ml



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

R.T.: 18.212 min
Delta R.T.: -0.009 min
Response: 729883
Conc: 4.80 ug/ml