

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101018AR\
 Data File : FD025955.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2018 7:26
 Operator : AJ\SJ
 Sample : J5164-08
 Misc : FID_D LOQ EPH 10 PPM
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 08:19:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.425	3014190	38.611 ug/ml
Spiked Amount 50.000		Recovery =	77.22%
6) S 2-Fluorobiphenyl (SURR)	8.276	2191050	39.764 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.53%
11) S ortho-Terphenyl (SURR)	11.321	3358072	39.042 ug/ml
Spiked Amount 50.000		Recovery =	78.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	470036	5.549 ug/ml
2) T Naphthalene (C11.7)	5.758	569174	6.214 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	588996	6.597 ug/ml
5) T Acenaphthylene (C15.06)	8.079	638926	7.342 ug/ml
7) T Acenaphthene (C15.5)	8.374	656958	7.230 ug/ml
8) T Flouorene (C16.55)	9.153	642237	7.148 ug/ml
9) T Phenanthrene (C19.36)	10.542	696675	7.481 ug/ml
10) T Anthracene (C19.43)	10.616	690080	7.536 ug/ml
12) T Fluoranthene (C21.85)	12.348	833830	8.507 ug/ml
13) T Pyrene (C20.8)	12.642	766332	7.696 ug/ml
14) T Benzo[a]anthracene (C...	14.511	733352	7.587 ug/ml
15) T Chrysene (C27.41)	14.552	743720	7.647 ug/ml
16) T benzo[b]fluoranthene ...	16.056	744807	7.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	742027	7.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	722855	7.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	648710	6.843 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	615552	6.648 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	697552	7.251 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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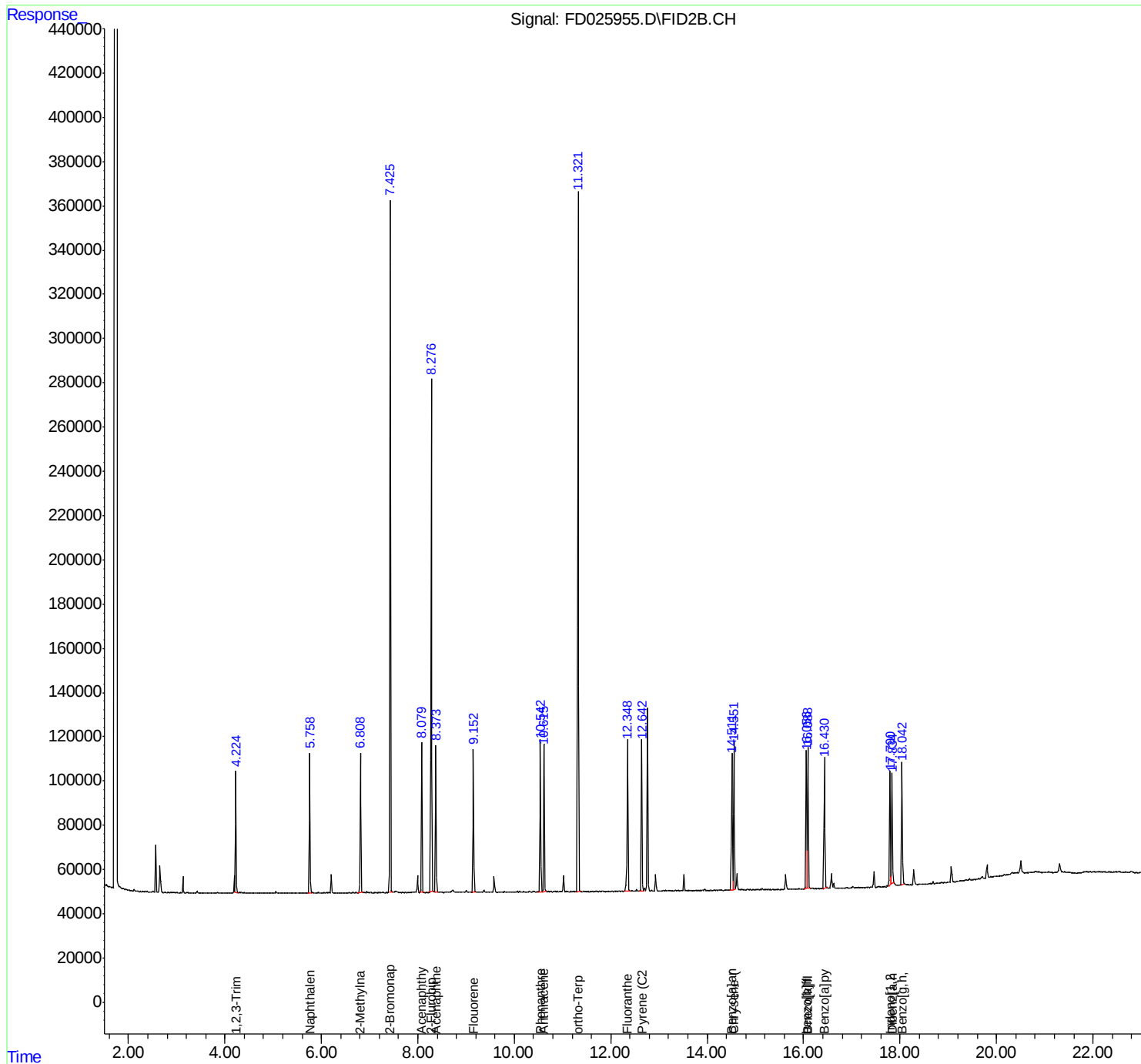
Response via : Initial Calibration

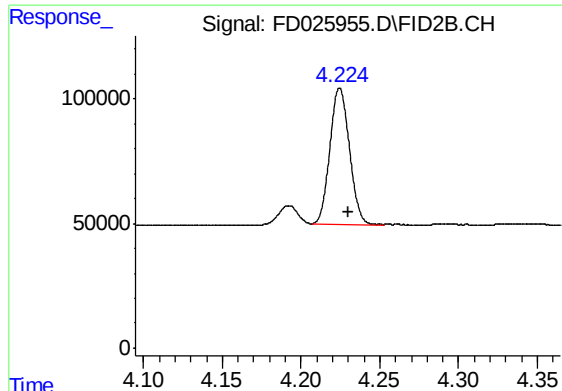
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

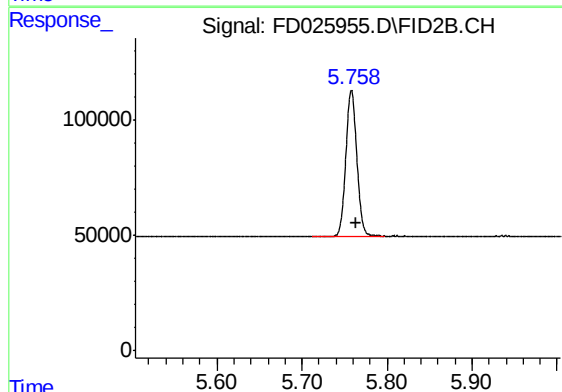
Signal Info : 20M x 0.18mm x 0.18µm





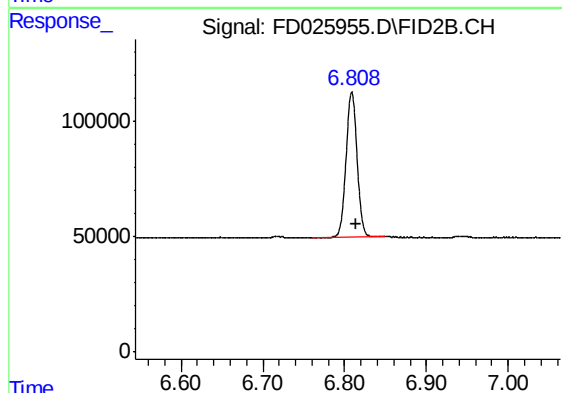
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 470036
Conc: 5.55 ug/ml



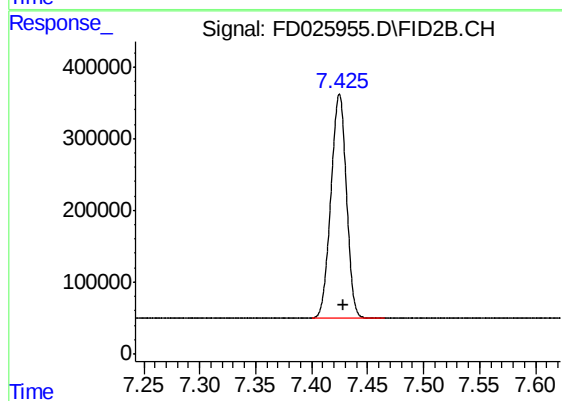
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 569174
Conc: 6.21 ug/ml



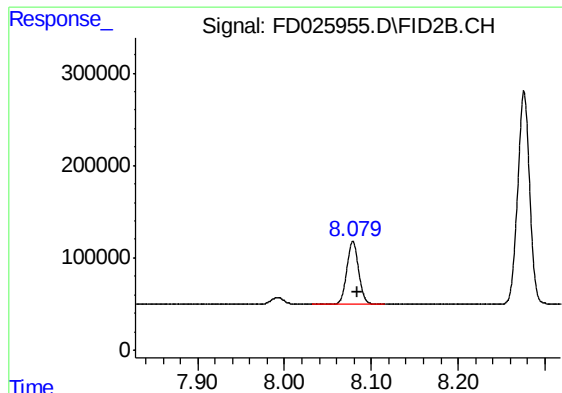
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.006 min
Response: 588996
Conc: 6.60 ug/ml



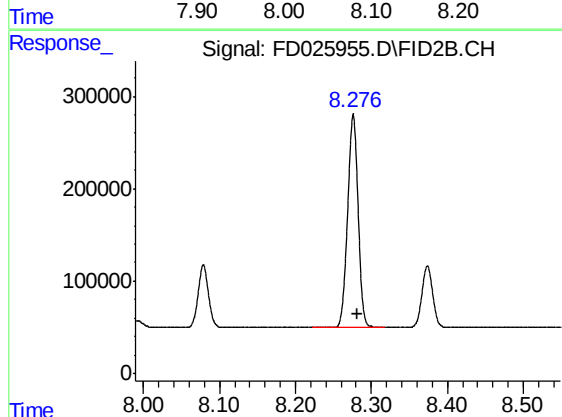
#4 2-Bromonaphthalene (SURR)

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 3014190
Conc: 38.61 ug/ml



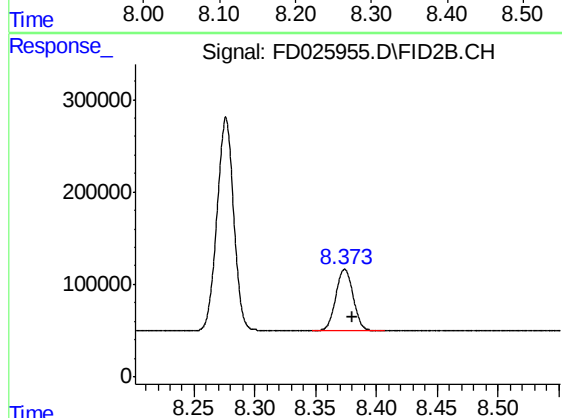
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 638926
Conc: 7.34 ug/ml



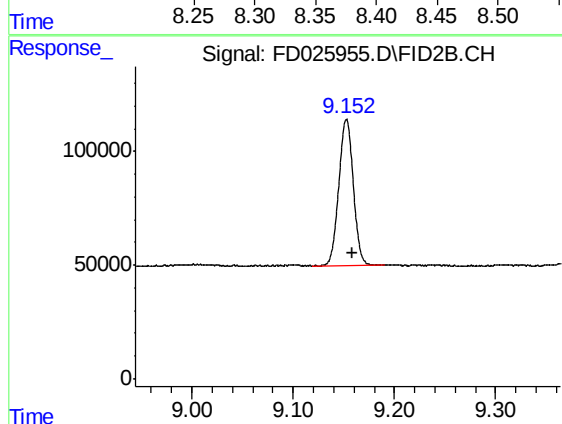
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.005 min
Response: 2191050
Conc: 39.76 ug/ml



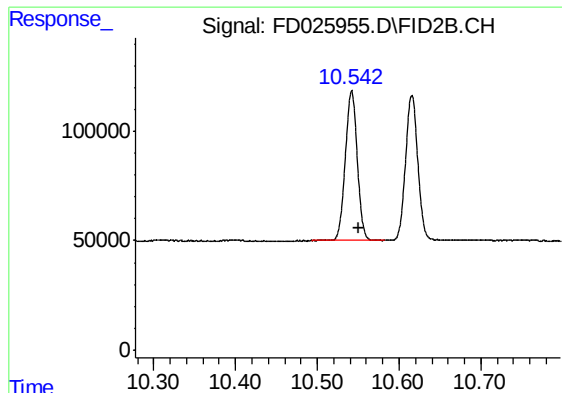
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.007 min
Response: 656958
Conc: 7.23 ug/ml



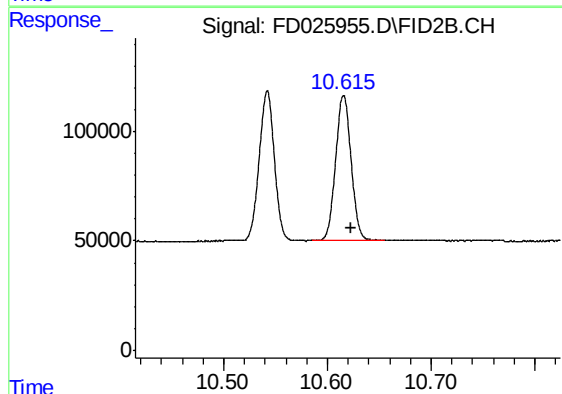
#8 Fluorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.006 min
Response: 642237
Conc: 7.15 ug/ml



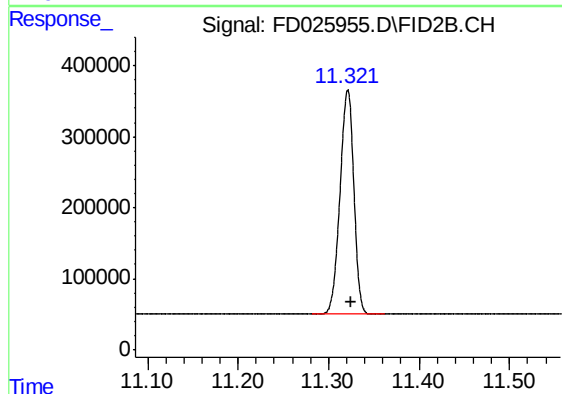
#9 Phenanthrene (C19.36)

R.T.: 10.542 min
Delta R.T.: -0.008 min
Response: 696675
Conc: 7.48 ug/ml



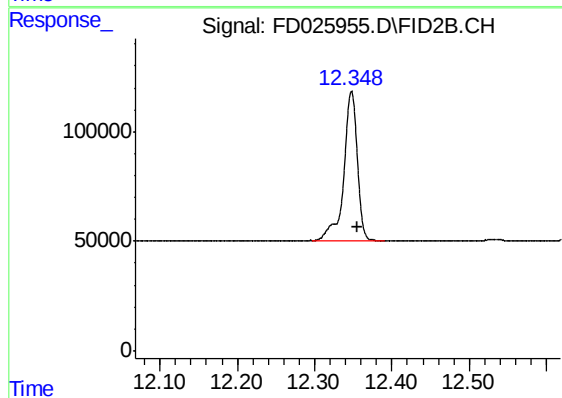
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.007 min
Response: 690080
Conc: 7.54 ug/ml



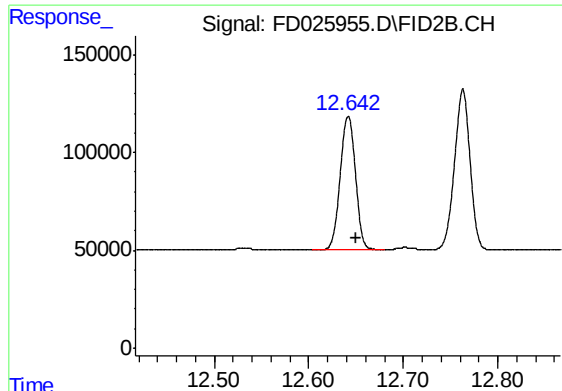
#11 ortho-Terphenyl (SURRE)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 3358072
Conc: 39.04 ug/ml



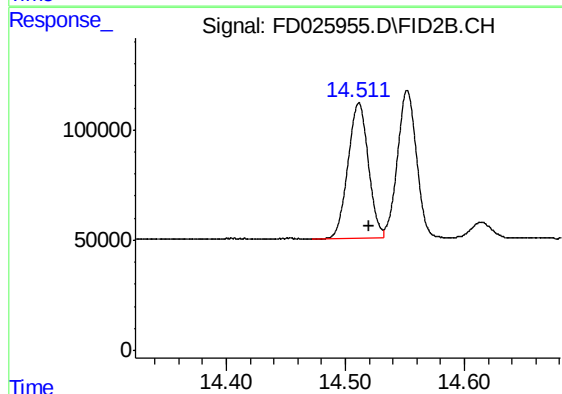
#12 Fluoranthene (C21.85)

R.T.: 12.348 min
Delta R.T.: -0.008 min
Response: 833830
Conc: 8.51 ug/ml



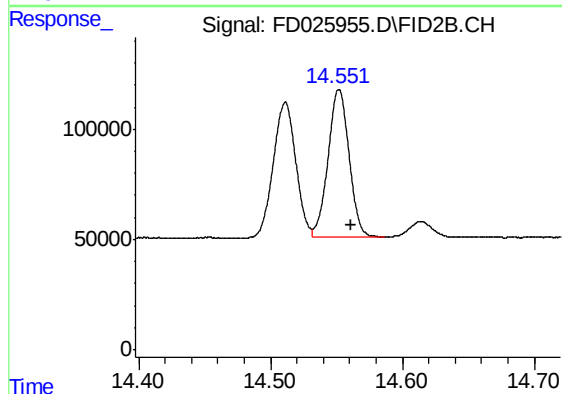
#13 Pyrene (C20.8)

R.T.: 12.642 min
Delta R.T.: -0.009 min
Response: 766332
Conc: 7.70 ug/ml



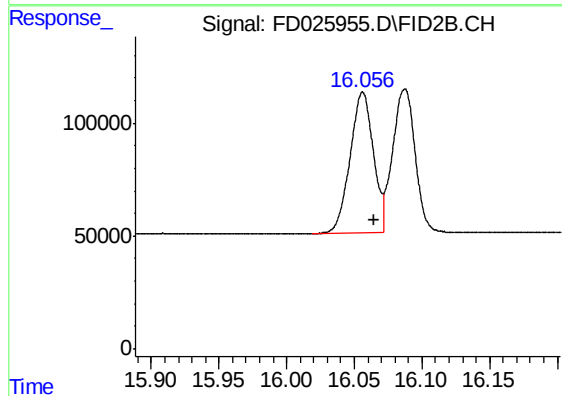
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: -0.008 min
Response: 733352
Conc: 7.59 ug/ml



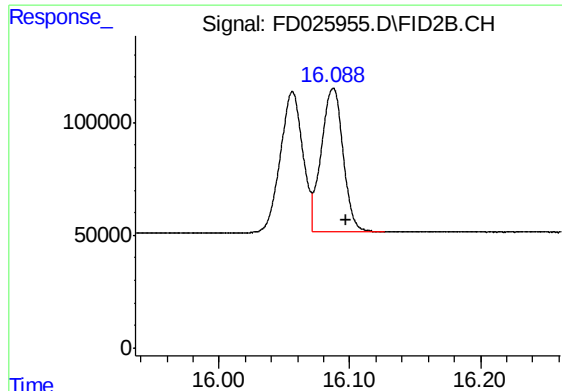
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.009 min
Response: 743720
Conc: 7.65 ug/ml



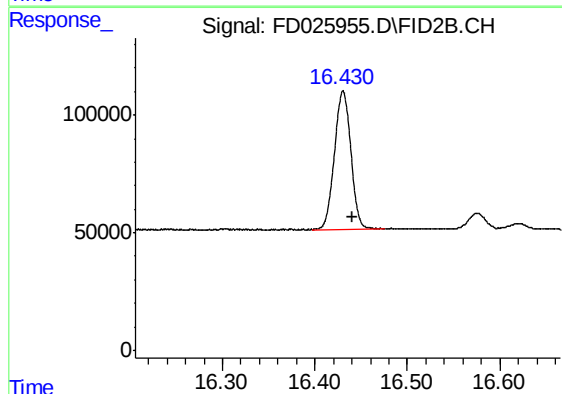
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.056 min
Delta R.T.: -0.009 min
Response: 744807
Conc: 7.58 ug/ml



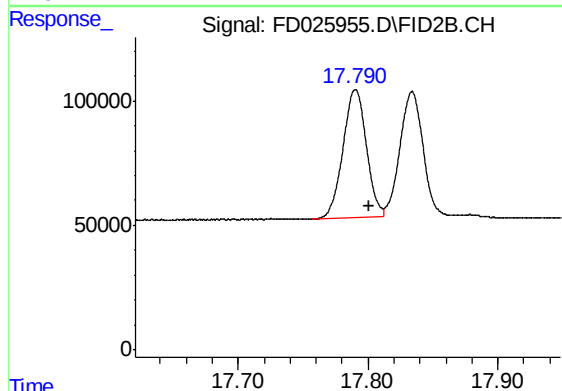
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: -0.009 min
Response: 742027
Conc: 7.61 ug/ml



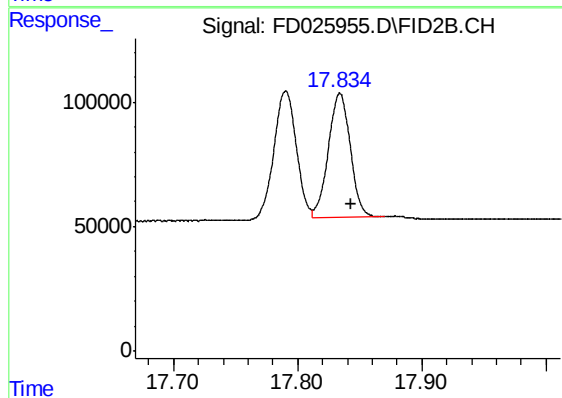
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.010 min
Response: 722855
Conc: 7.40 ug/ml



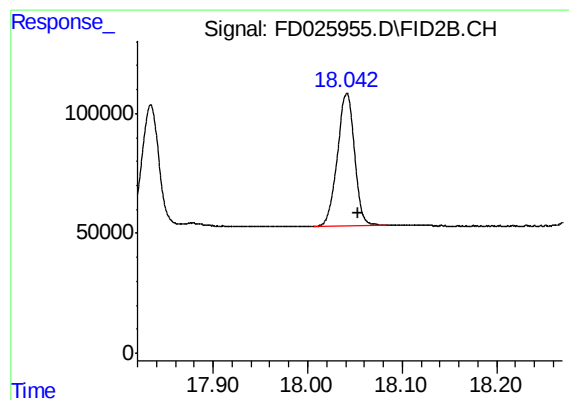
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.010 min
Response: 648710
Conc: 6.84 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.009 min
Response: 615552
Conc: 6.65 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.012 min
Response: 697552
Conc: 7.25 ug/ml