

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020322AR\
 Data File : FD040878.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2022 5:45
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 06:30:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 06:29:53 2022
 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...	6.720	595409	4.942 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
6) S 2-Fluorobiphenyl (SURR)	7.568	369833	4.649 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.30%
11) S ortho-Terphenyl (SURR)	10.594	744169	5.295 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.584	680743	5.165 ug/ml
2) T Naphthalene (C11.7)	5.072	663005	4.881 ug/ml
3) T 2-Methylnaphthalene (...)	6.109	690785	5.028 ug/ml
5) T Acenaphthylene (C15.06)	7.369	714814	5.193 ug/ml
7) T Acenaphthene (C15.5)	7.661	779362	5.233 ug/ml
8) T Fluorene (C16.55)	8.439	665407	4.983 ug/ml
9) T Phenanthrene (C19.36)	9.822	668975	4.978 ug/ml
10) T Anthracene (C19.43)	9.897	691249	5.114 ug/ml
12) T Fluoranthene (C21.85)	11.621	723741	5.190 ug/ml
13) T Pyrene (C20.8)	11.914	715003	5.054 ug/ml
14) T Benzo[a]anthracene (C...	13.780	631441	4.762 ug/ml
15) T Chrysene (C27.41)	13.820	811496	5.422 ug/ml
16) T benzo[b]fluoranthene ...	15.321	676571	4.950 ug/ml
17) T Bnezo[k]fluoranthene ...	15.352	781014	5.396 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.698	665005	5.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.057	593026	4.764 ug/ml
20) T Dibenz[a,h]anthracene...	17.101	725380	5.373 ug/ml
21) T Benzo[g,h,i]perylene ...	17.305	636415	5.092 ug/ml

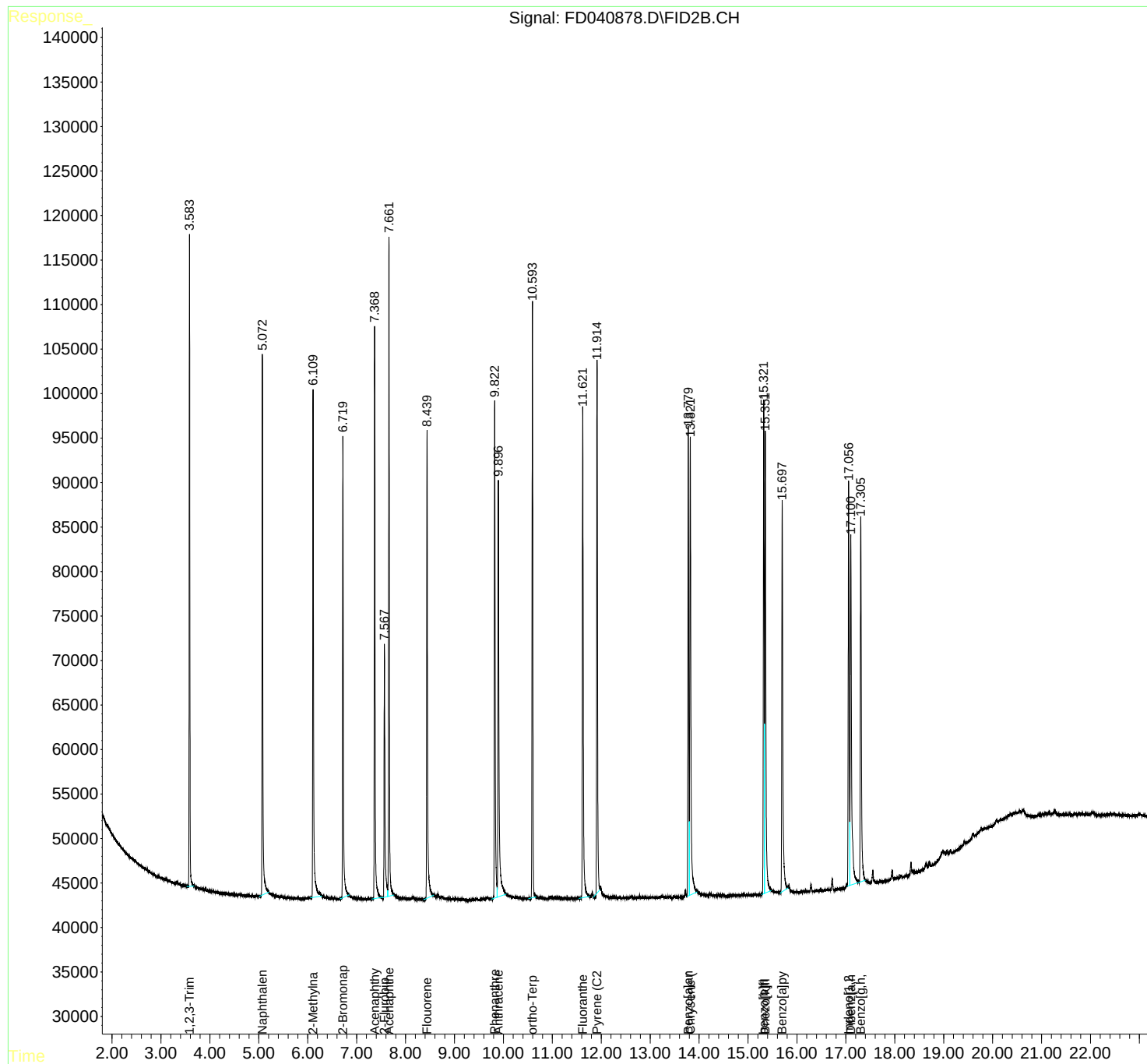
(f)=RT Delta > 1/2 Window

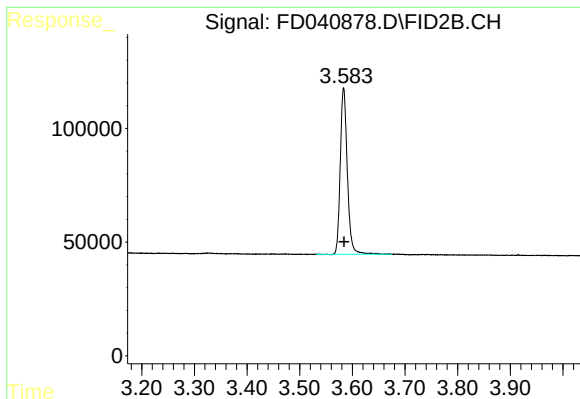
(m)=manual int.

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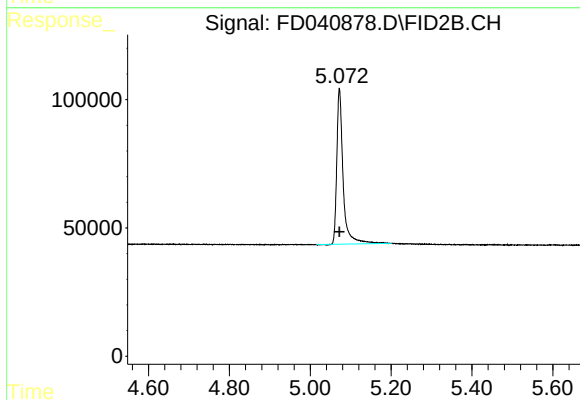
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Signal Info : 20M x 0.18mm x 0.18µm





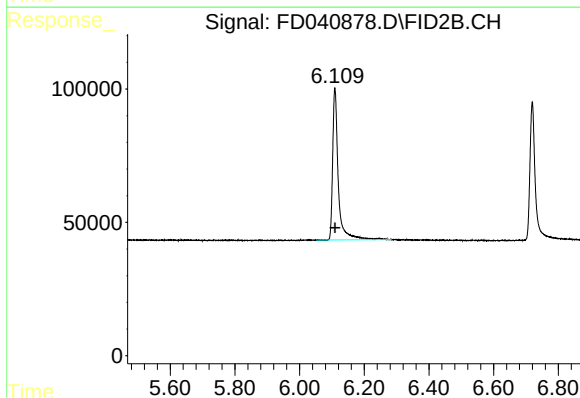
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.584 min
Delta R.T.: 0.000 min
Response: 680743
Conc: 5.17 ug/ml



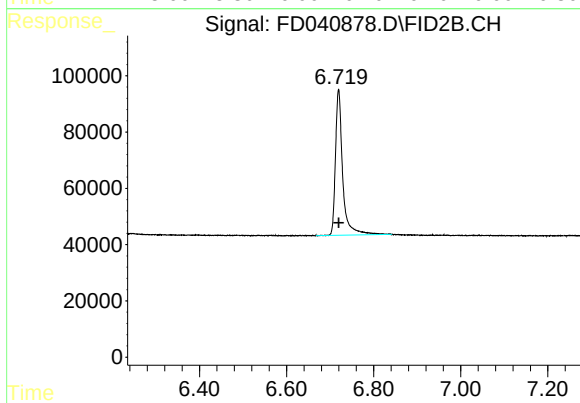
#2 Naphthalene (C11.7)

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 663005
Conc: 4.88 ug/ml



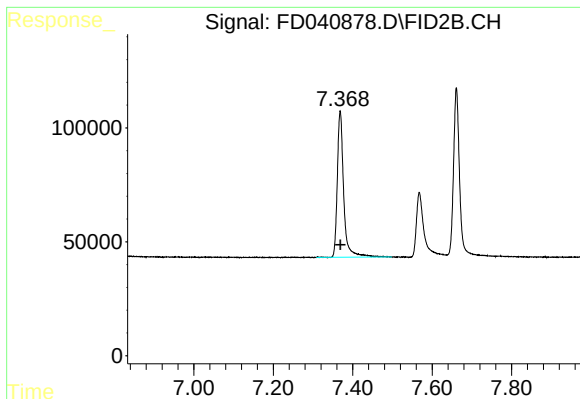
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 690785
Conc: 5.03 ug/ml



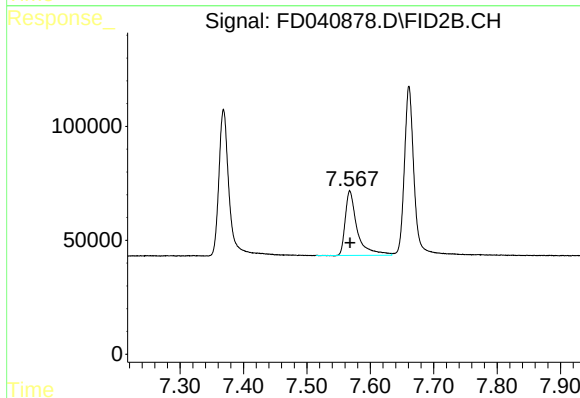
#4 2-Bromonaphthalene (SURR)

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 595409
Conc: 4.94 ug/ml



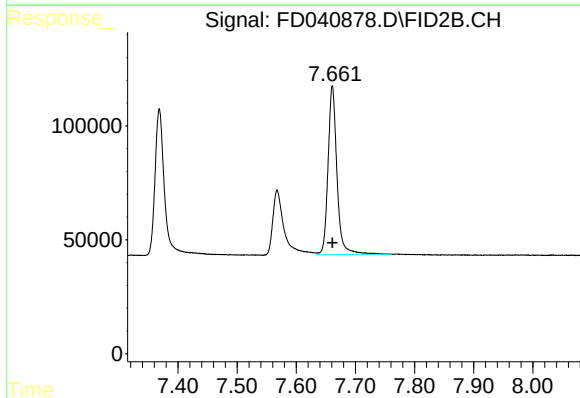
#5 Acenaphthylene (C15.06)

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 714814
Conc: 5.19 ug/ml



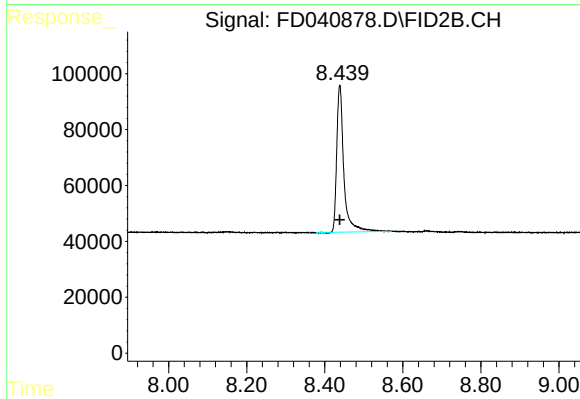
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 369833
Conc: 4.65 ug/ml



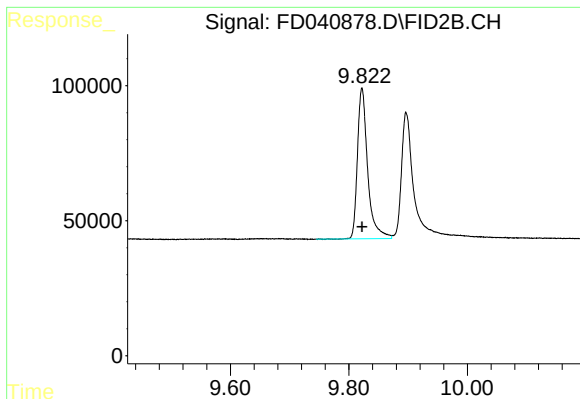
#7 Acenaphthene (C15.5)

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 779362
Conc: 5.23 ug/ml



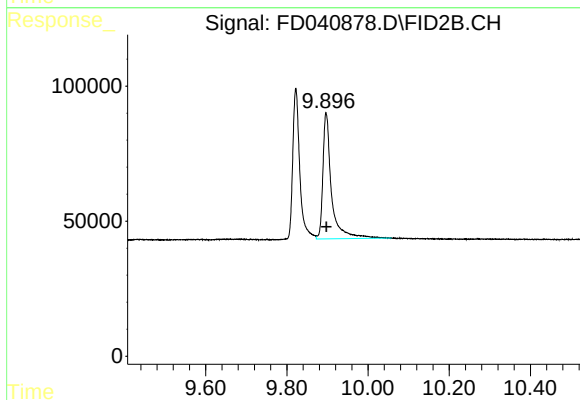
#8 Fluorene (C16.55)

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 665407
Conc: 4.98 ug/ml



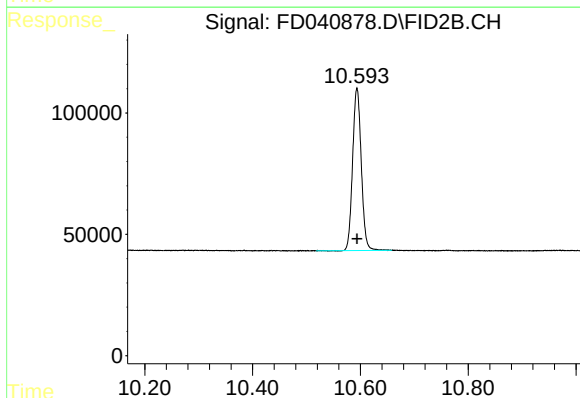
#9 Phenanthrene (C19.36)

R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 668975
Conc: 4.98 ug/ml



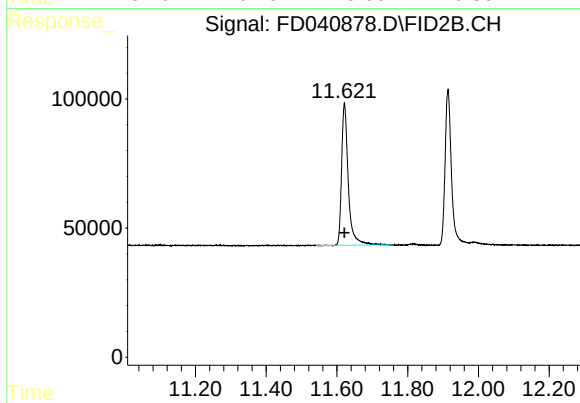
#10 Anthracene (C19.43)

R.T.: 9.897 min
Delta R.T.: 0.000 min
Response: 691249
Conc: 5.11 ug/ml



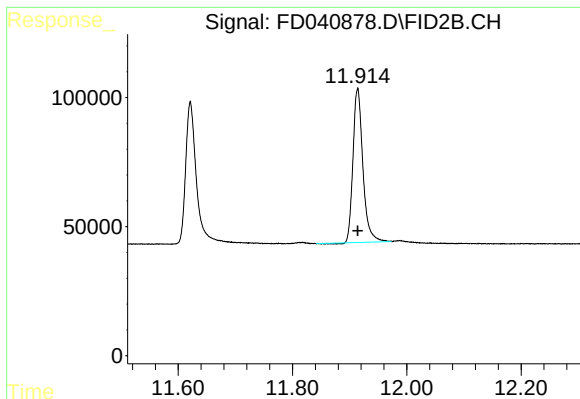
#11 ortho-Terphenyl (SURR)

R.T.: 10.594 min
Delta R.T.: 0.000 min
Response: 744169
Conc: 5.29 ug/ml



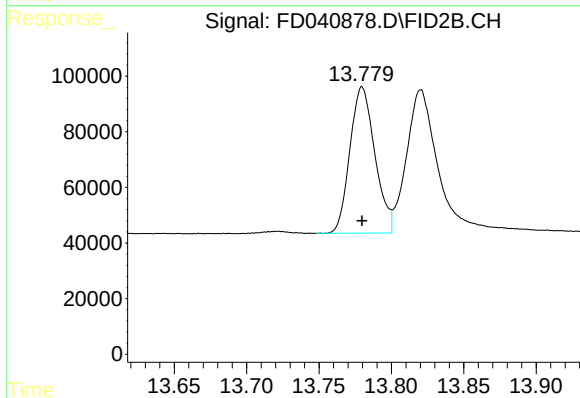
#12 Fluoranthene (C21.85)

R.T.: 11.621 min
Delta R.T.: 0.000 min
Response: 723741
Conc: 5.19 ug/ml



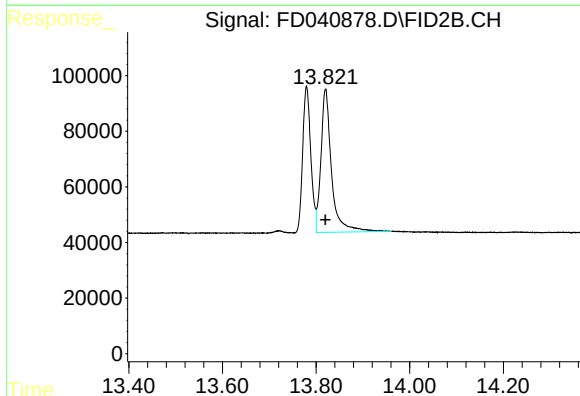
#13 Pyrene (C20.8)

R.T.: 11.914 min
Delta R.T.: 0.000 min
Response: 715003
Conc: 5.05 ug/ml



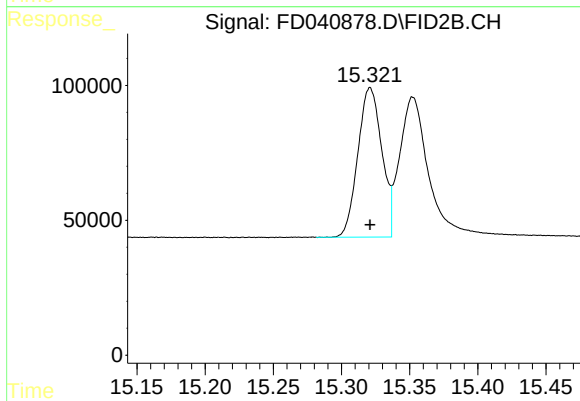
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 631441
Conc: 4.76 ug/ml



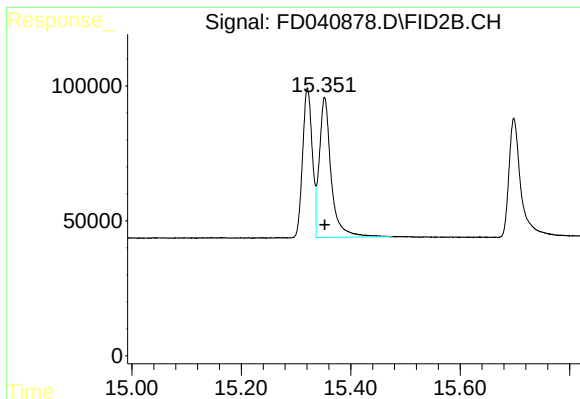
#15 Chrysene (C27.41)

R.T.: 13.820 min
Delta R.T.: 0.000 min
Response: 811496
Conc: 5.42 ug/ml



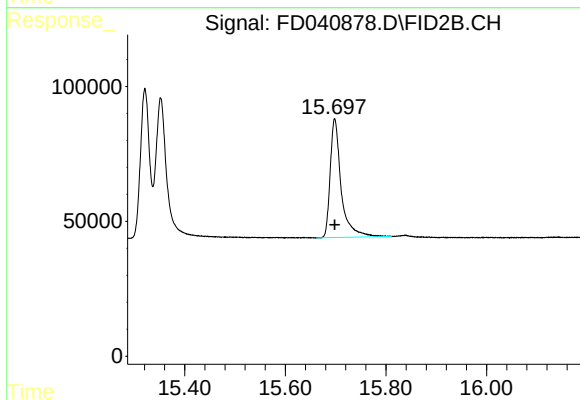
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.321 min
Delta R.T.: 0.000 min
Response: 676571
Conc: 4.95 ug/ml



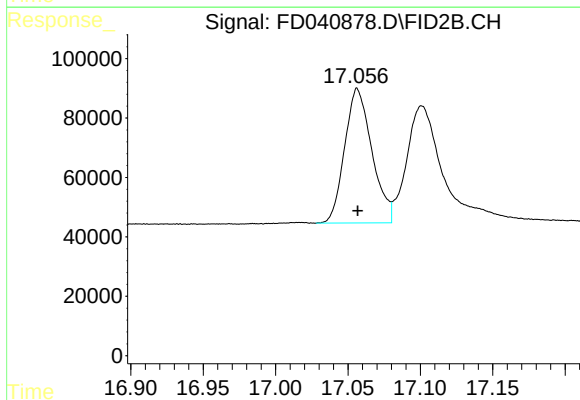
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.352 min
Delta R.T.: 0.000 min
Response: 781014
Conc: 5.40 ug/ml



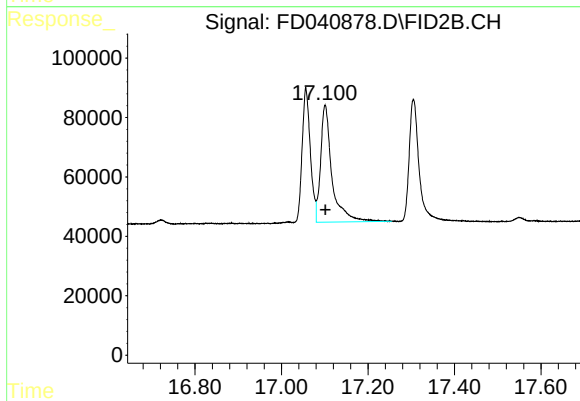
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.698 min
Delta R.T.: 0.000 min
Response: 665005
Conc: 5.05 ug/ml



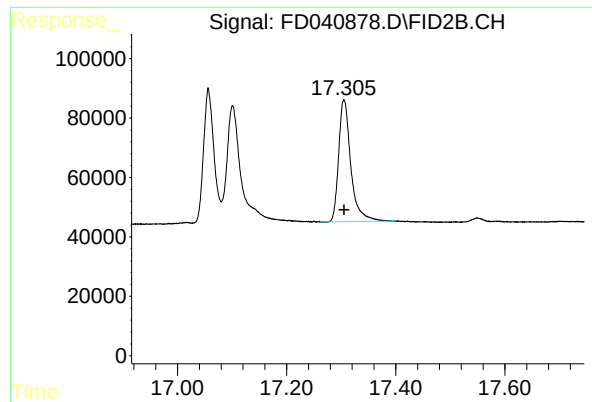
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.057 min
Delta R.T.: 0.000 min
Response: 593026
Conc: 4.76 ug/ml



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

R.T.: 17.101 min
Delta R.T.: 0.000 min
Response: 725380
Conc: 5.37 ug/ml



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

R.T.: 17.305 min
Delta R.T.: 0.000 min
Response: 636415
Conc: 5.09 ug/ml