

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050922AR\
 Data File : FD042376.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2022 18:12
 Operator : UA/NP
 Sample : PB144681BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 10 01:44:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.337	5913345	42.188 ug/ml
Spiked Amount 50.000		Recovery =	84.38%
6) S 2-Fluorobiphenyl (SURR)	8.188	3360909	47.169 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.34%
11) S ortho-Terphenyl (SURR)	11.213	5933453	34.232 ug/ml
Spiked Amount 50.000		Recovery =	68.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	2891181	18.571 ug/ml
2) T Naphthalene (C11.7)	5.681	4961471	31.452 ug/ml
3) T 2-Methylnaphthalene (...)	6.726	4851717	33.551 ug/ml
5) T Acenaphthylene (C15.06)	7.988	5090086	30.886 ug/ml
7) T Acenaphthene (C15.5)	8.281	5773487	30.752 ug/ml
8) T Fluorene (C16.55)	9.059	5496976	36.089 ug/ml
9) T Phenanthrene (C19.36)	10.446	5539389	37.305 ug/ml
10) T Anthracene (C19.43)	10.521	5822721	34.781 ug/ml
12) T Fluoranthene (C21.85)	12.249	5734381	36.557 ug/ml
13) T Pyrene (C20.8)	12.541	5653290	34.660 ug/ml
14) T Benzo[a]anthracene (C...	14.413	5234345	43.759 ug/ml
15) T Chrysene (C27.41)	14.454	5270963	28.730 ug/ml
16) T benzo[b]fluoranthene ...	15.964	5361484	40.834 ug/ml
17) T Bnezo[k]fluoranthene ...	15.996	5906450	34.164 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	4974614	33.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.710	5027730	50.372 ug/ml
20) T Dibenz[a,h]anthracene...	17.745	5714457	36.408 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	5441224	39.290 ug/ml

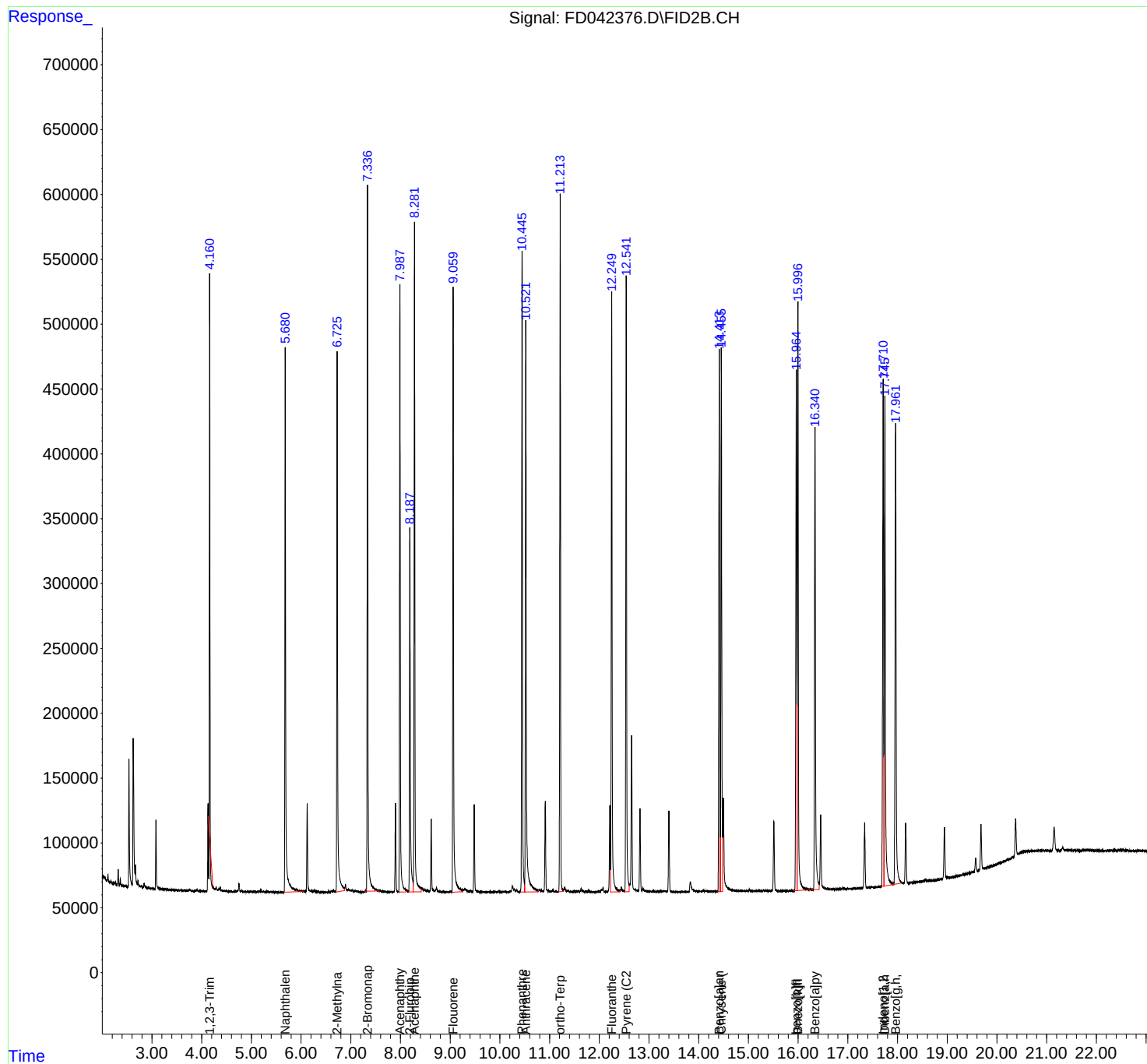
(f)=RT Delta > 1/2 Window

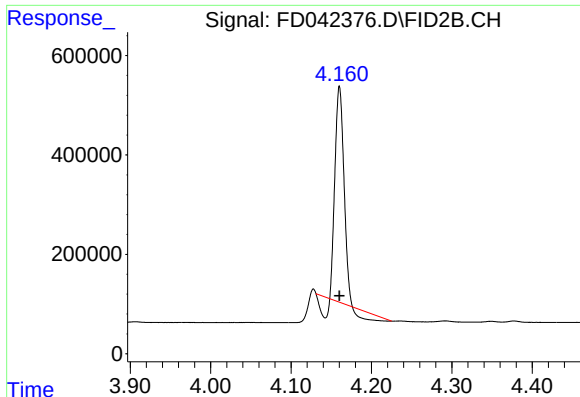
(m)=manual int.

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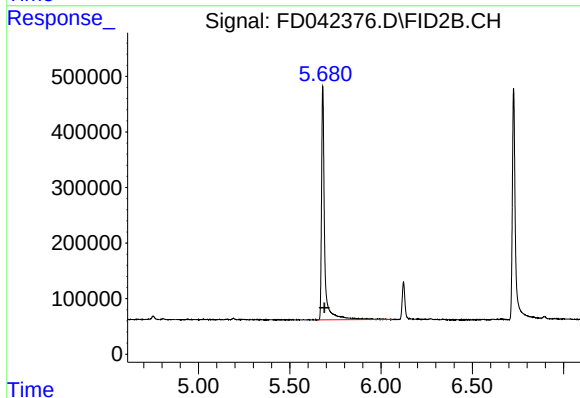
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Signal Info : 20M x 0.18mm x 0.18µm





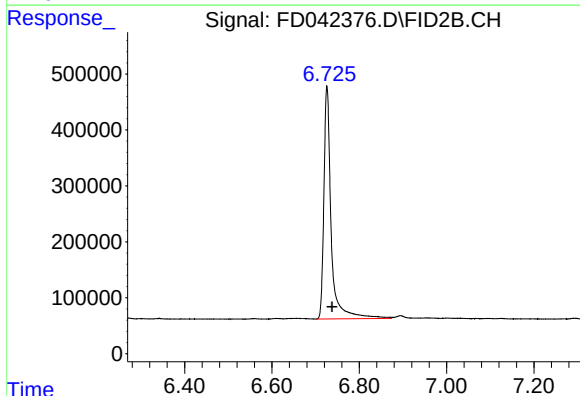
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 2891181
Conc: 18.57 ug/ml



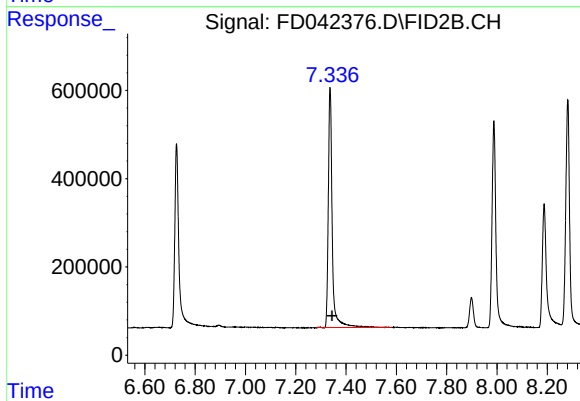
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 4961471
Conc: 31.45 ug/ml



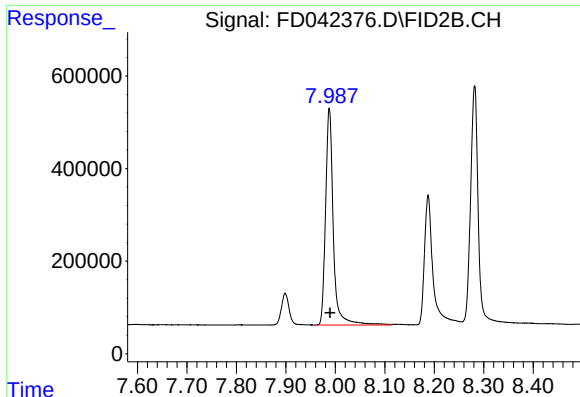
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.726 min
Delta R.T.: -0.012 min
Response: 4851717
Conc: 33.55 ug/ml



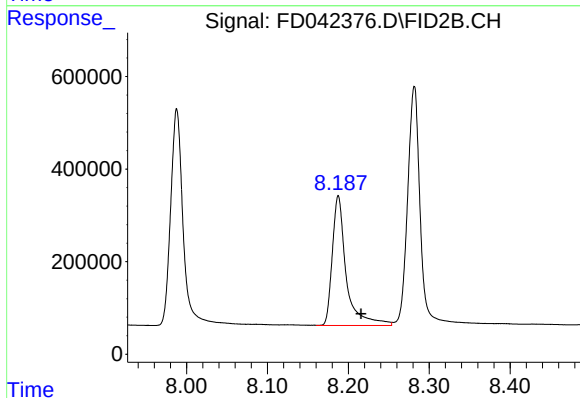
#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 5913345
Conc: 42.19 ug/ml



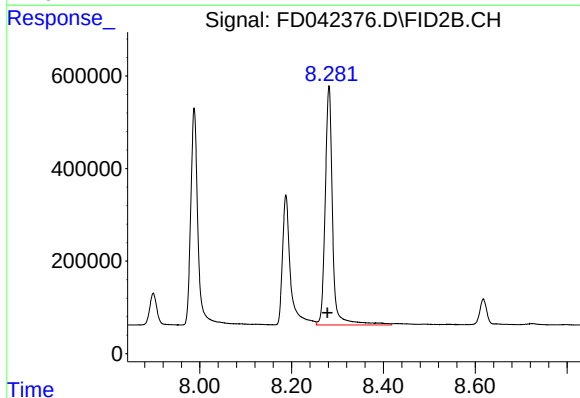
#5 Acenaphthylene (C15.06)

R.T.: 7.988 min
Delta R.T.: -0.001 min
Response: 5090086
Conc: 30.89 ug/ml



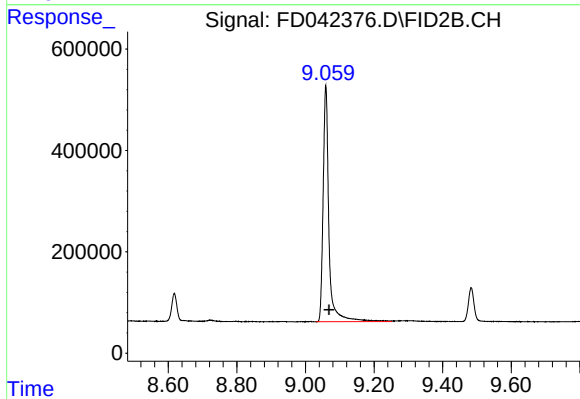
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.028 min
Response: 3360909
Conc: 47.17 ug/ml



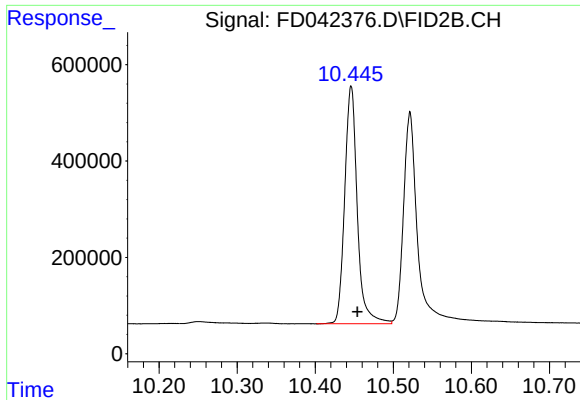
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: 0.003 min
Response: 5773487
Conc: 30.75 ug/ml



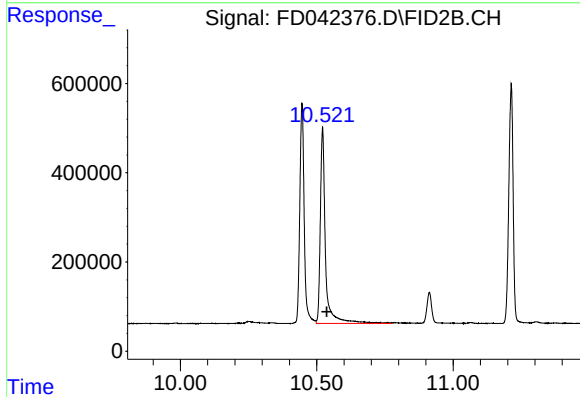
#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.010 min
Response: 5496976
Conc: 36.09 ug/ml



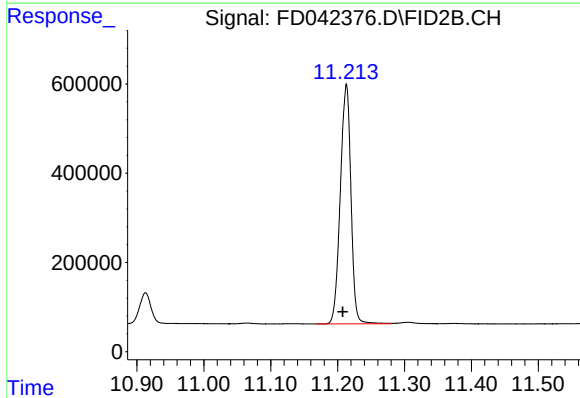
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.008 min
Response: 5539389
Conc: 37.31 ug/ml



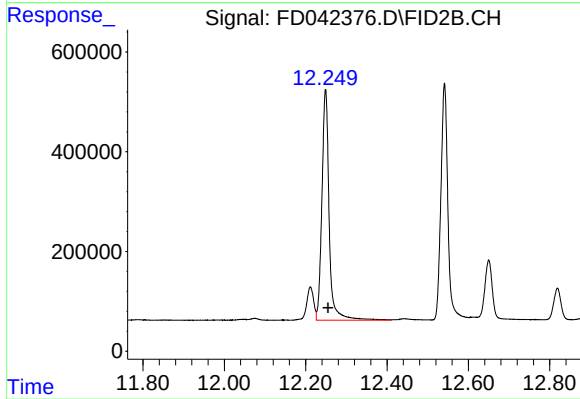
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.015 min
Response: 5822721
Conc: 34.78 ug/ml



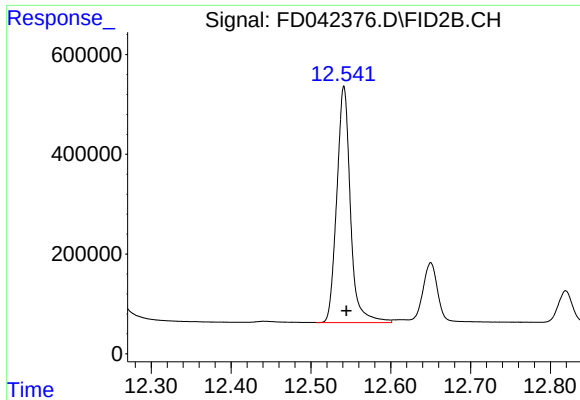
#11 ortho-Terphenyl (SURR)

R.T.: 11.213 min
Delta R.T.: 0.005 min
Response: 5933453
Conc: 34.23 ug/ml



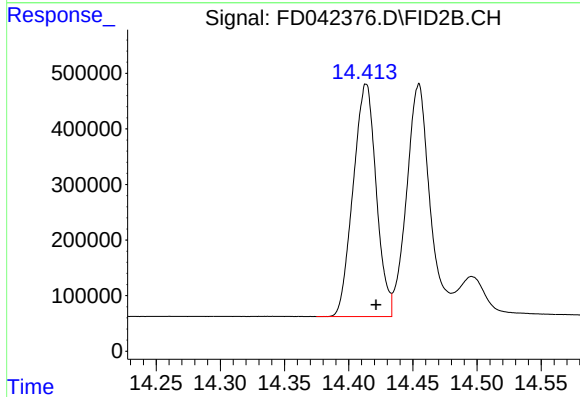
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.006 min
Response: 5734381
Conc: 36.56 ug/ml



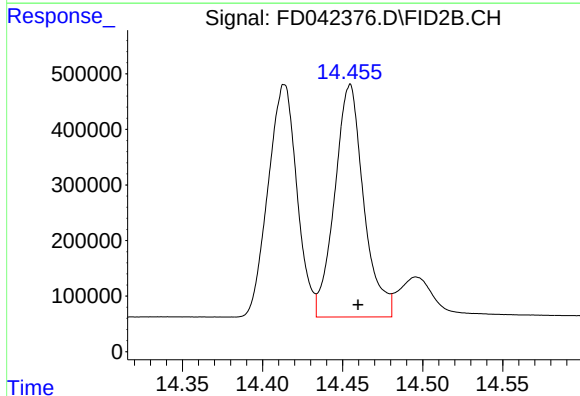
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 5653290
Conc: 34.66 ug/ml



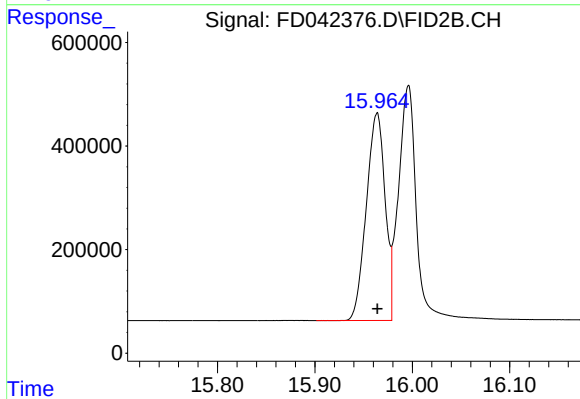
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.008 min
Response: 5234345
Conc: 43.76 ug/ml



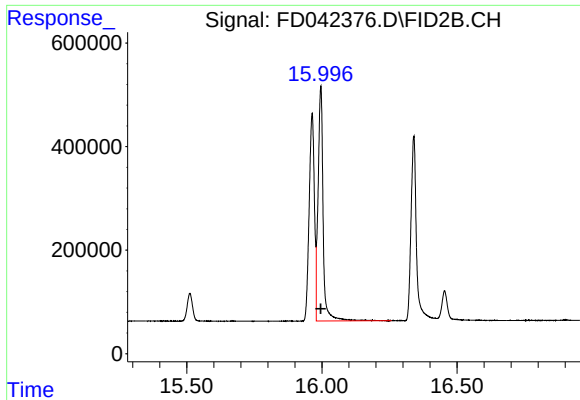
#15 Chrysene (C27.41)

R.T.: 14.454 min
Delta R.T.: -0.005 min
Response: 5270963
Conc: 28.73 ug/ml



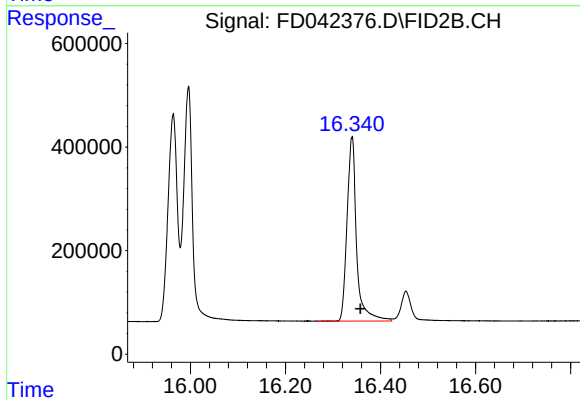
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.964 min
Delta R.T.: 0.000 min
Response: 5361484
Conc: 40.83 ug/ml



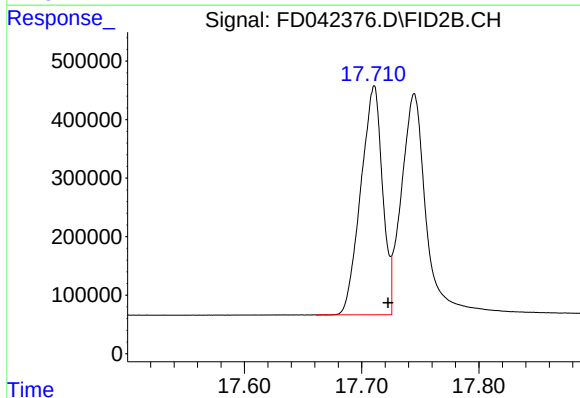
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 5906450
Conc: 34.16 ug/ml



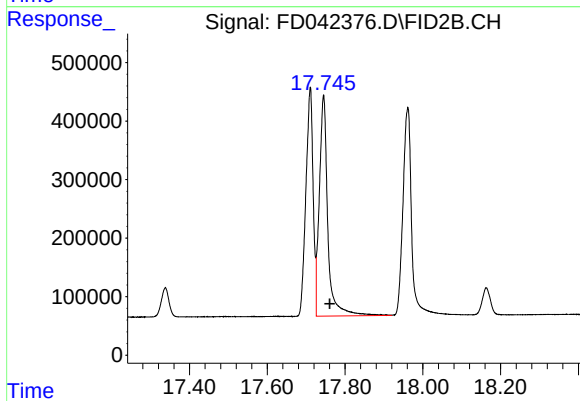
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.018 min
Response: 4974614
Conc: 33.72 ug/ml



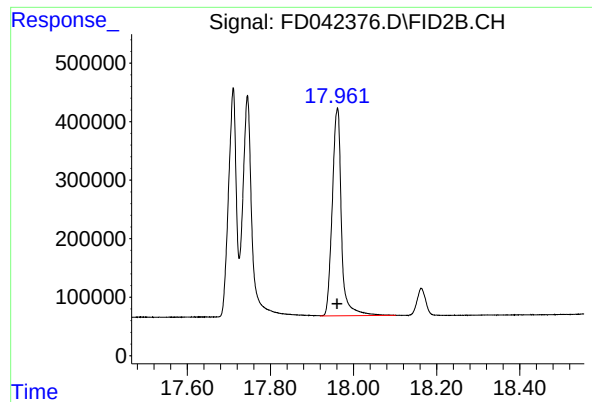
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.710 min
Delta R.T.: -0.012 min
Response: 5027730
Conc: 50.37 ug/ml



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

R.T.: 17.745 min
Delta R.T.: -0.016 min
Response: 5714457
Conc: 36.41 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.000 min
Response: 5441224
Conc: 39.29 ug/ml