

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042553.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 15:21
 Operator : UA/NP
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 15:46:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:27:03 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...	7.335	813440	5.243 ug/ml
Spiked Amount 50.000		Recovery =	10.49%
6) S 2-Fluorobiphenyl (SURR)	8.207	232983	2.895 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	5.79%
11) S ortho-Terphenyl (SURR)	11.200	1052711	6.139 ug/ml
Spiked Amount 50.000		Recovery =	12.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	1082997	5.918 ug/ml
2) T Naphthalene (C11.7)	5.680	948172	5.279 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	866685	5.409 ug/ml
5) T Acenaphthylene (C15.06)	7.981	990560	5.794 ug/ml
7) T Acenaphthene (C15.5)	8.270	1256194	6.699 ug/ml
8) T Fluorene (C16.55)	9.060	949062	5.900 ug/ml
9) T Phenanthrene (C19.36)	10.449	722886	5.000 ug/ml
10) T Anthracene (C19.43)	10.531	922836	6.009 ug/ml
12) T Fluoranthene (C21.85)	12.251	814650	5.666 ug/ml
13) T Pyrene (C20.8)	12.542	863100	5.888 ug/ml
14) T Benzo[a]anthracene (C...	14.419	465324	3.871 ug/ml
15) T Chrysene (C27.41)	14.456	1204716	7.300 ug/ml
16) T benzo[b]fluoranthene ...	15.963	648158	4.797 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	1145660	6.955 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	689261	4.978 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	433320	3.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.754	1086506	6.770 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	770089	5.586 ug/ml

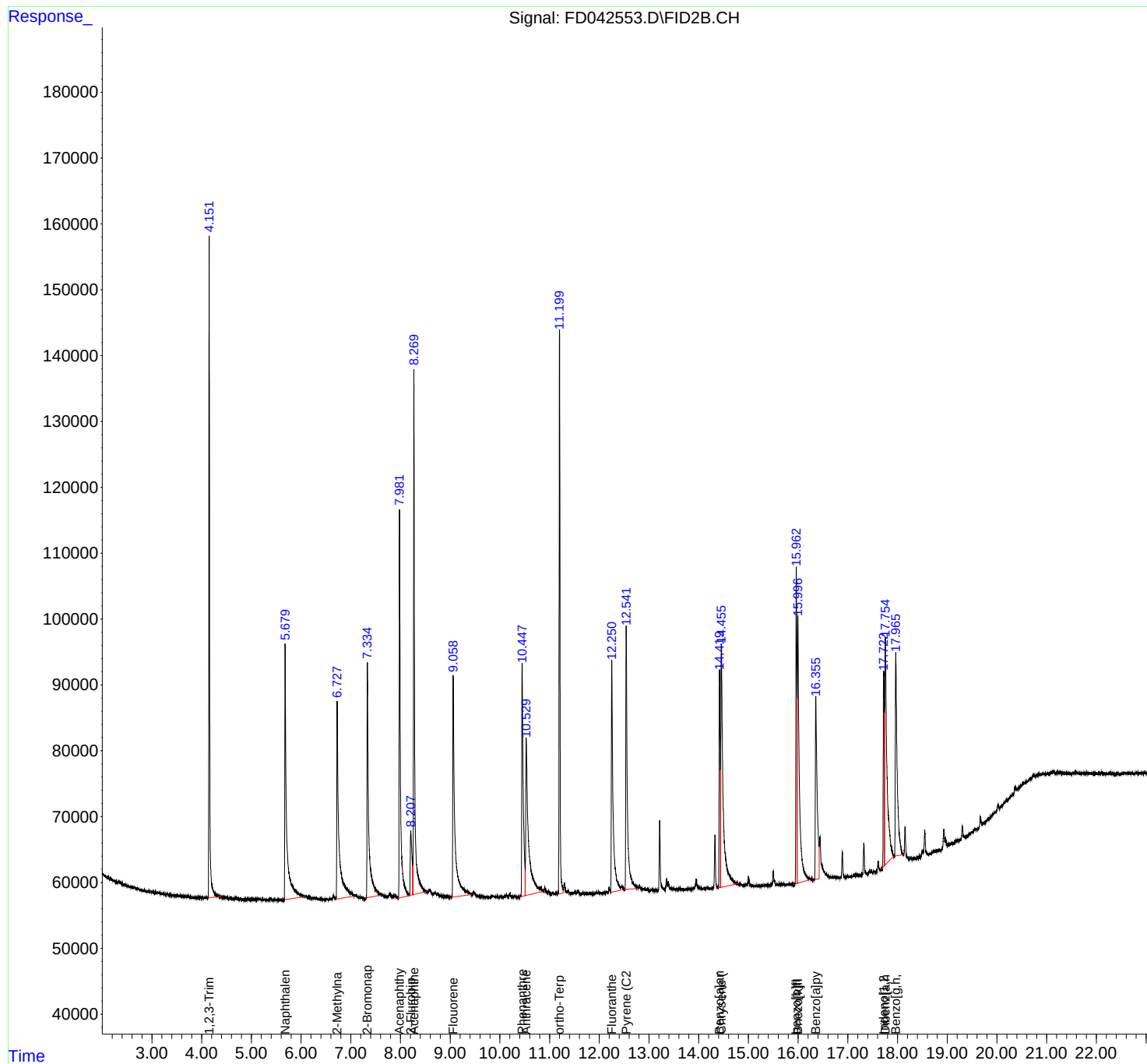
(f)=RT Delta > 1/2 Window

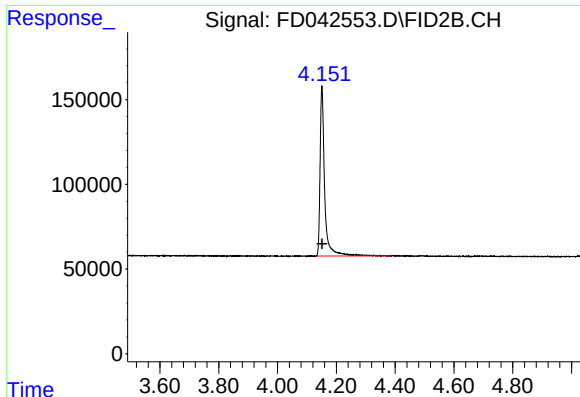
(m)=manual int.

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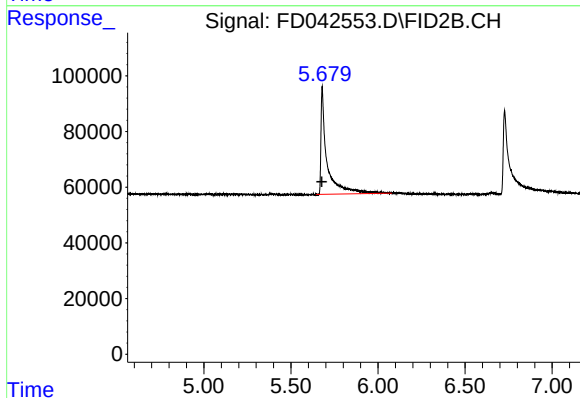
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Signal Info : 20M x 0.18mm x 0.18µm





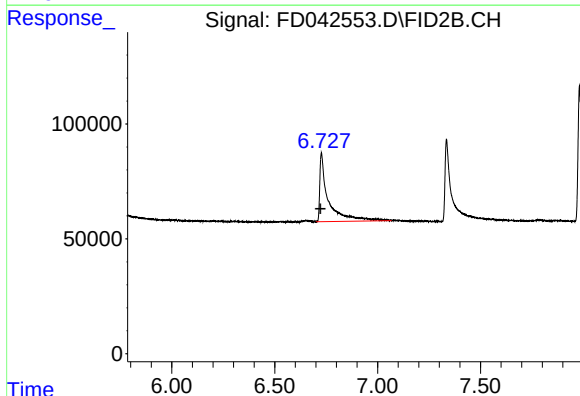
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 1082997
Conc: 5.92 ug/ml



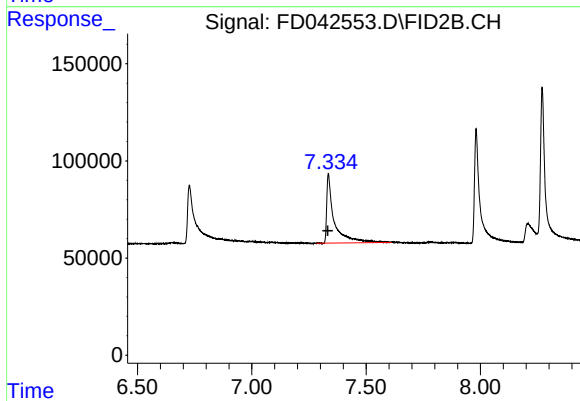
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 948172
Conc: 5.28 ug/ml



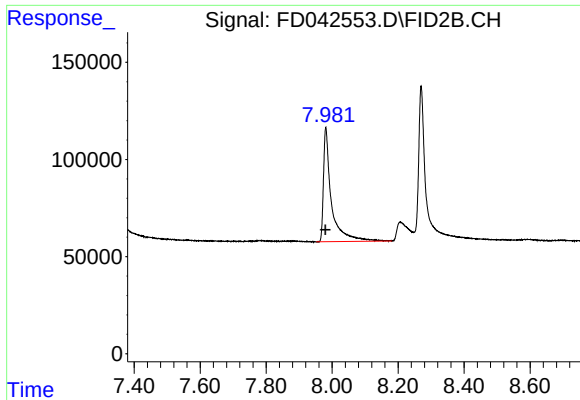
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: 0.005 min
Response: 866685
Conc: 5.41 ug/ml



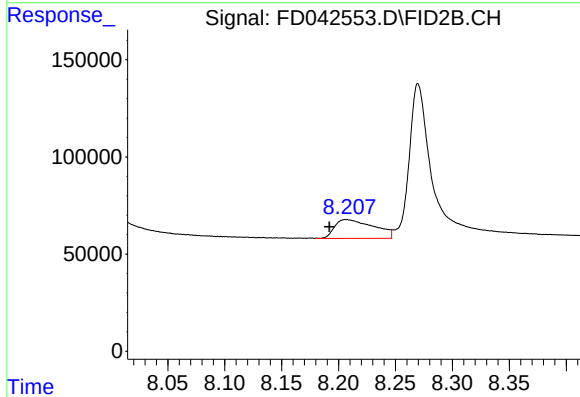
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: 0.004 min
Response: 813440
Conc: 5.24 ug/ml



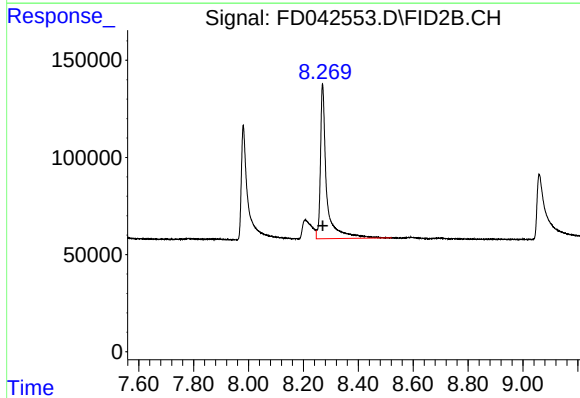
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: 0.001 min
Response: 990560
Conc: 5.79 ug/ml



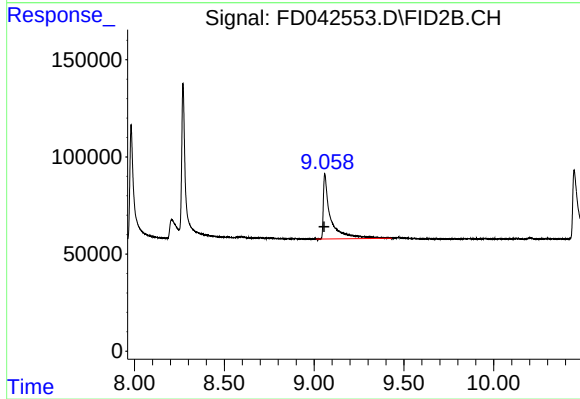
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: 0.015 min
Response: 232983
Conc: 2.90 ug/ml



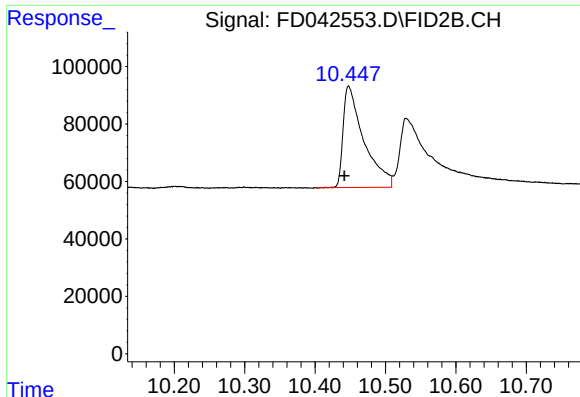
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 1256194
Conc: 6.70 ug/ml



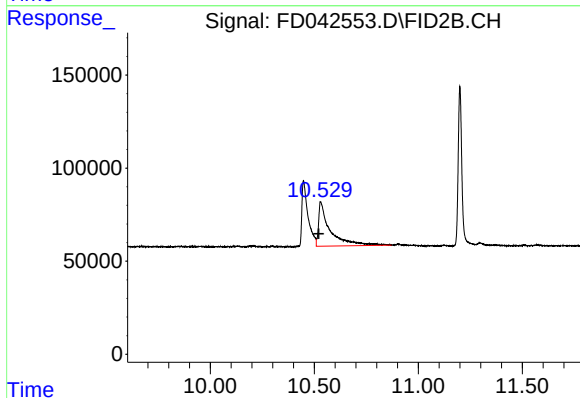
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: 0.005 min
Response: 949062
Conc: 5.90 ug/ml



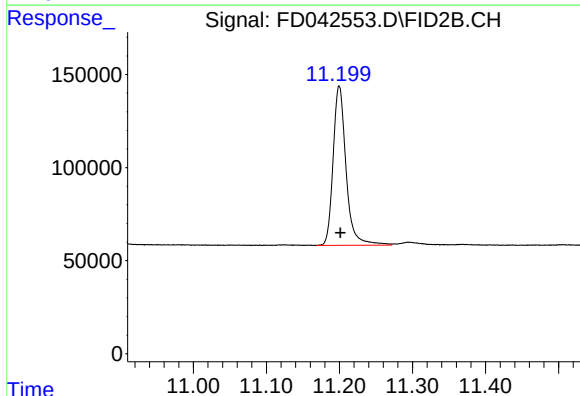
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: 0.007 min
Response: 722886
Conc: 5.00 ug/ml



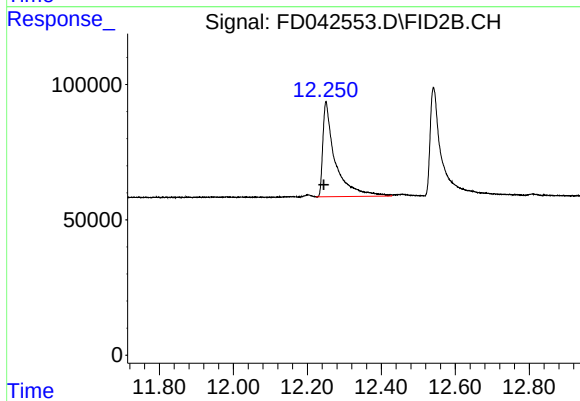
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: 0.010 min
Response: 922836
Conc: 6.01 ug/ml



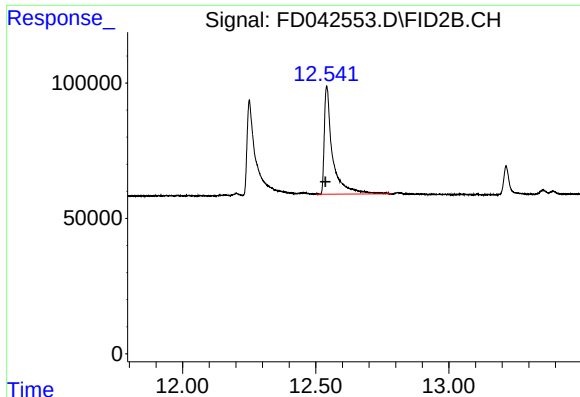
#11 ortho-Terphenyl (SURR)

R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 1052711
Conc: 6.14 ug/ml



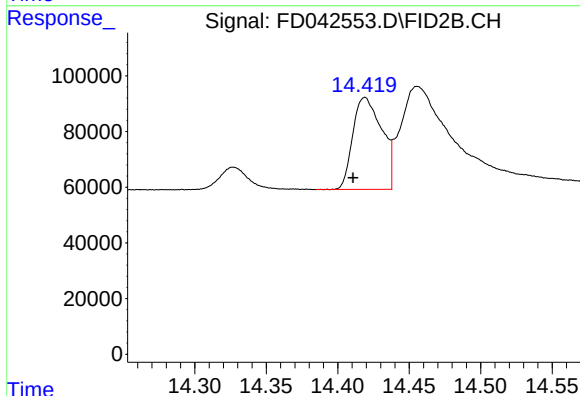
#12 Fluoranthene (C21.85)

R.T.: 12.251 min
Delta R.T.: 0.006 min
Response: 814650
Conc: 5.67 ug/ml



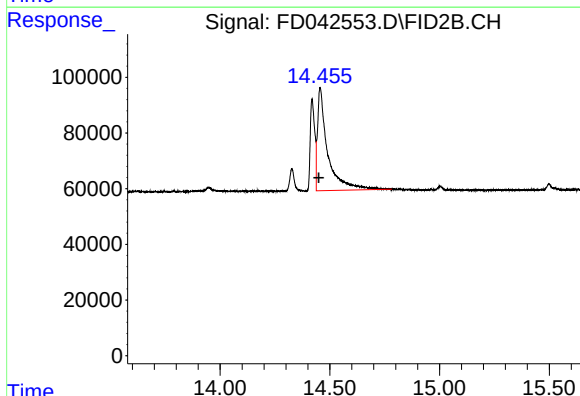
#13 Pyrene (C20.8)

R.T.: 12.542 min
Delta R.T.: 0.006 min
Response: 863100
Conc: 5.89 ug/ml



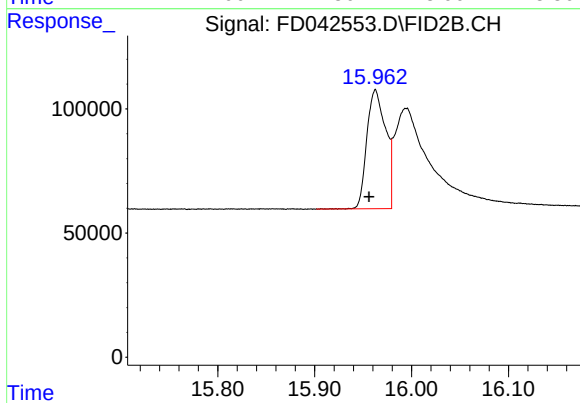
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: 0.009 min
Response: 465324
Conc: 3.87 ug/ml



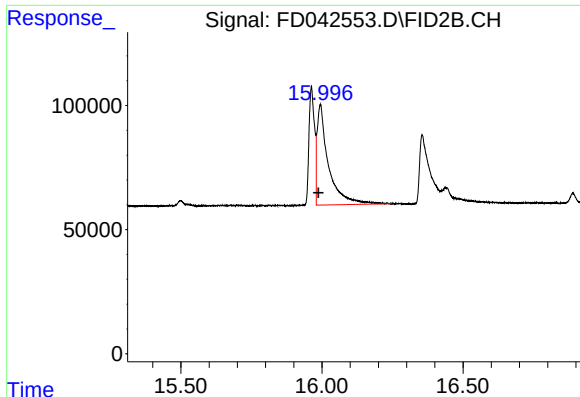
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: 0.006 min
Response: 1204716
Conc: 7.30 ug/ml



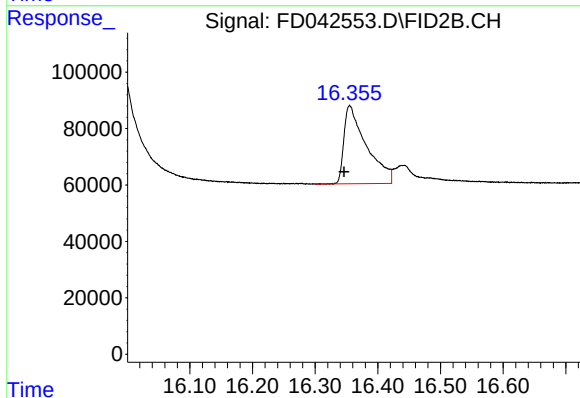
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.963 min
Delta R.T.: 0.007 min
Response: 648158
Conc: 4.80 ug/ml



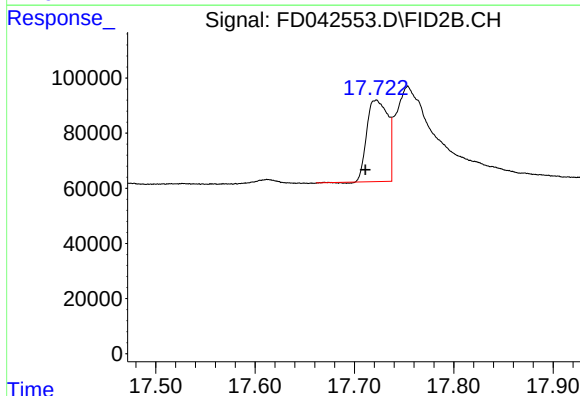
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: 0.007 min
Response: 1145660
Conc: 6.96 ug/ml



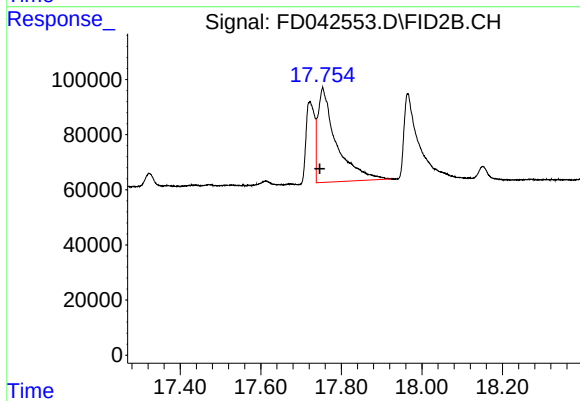
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.010 min
Response: 689261
Conc: 4.98 ug/ml



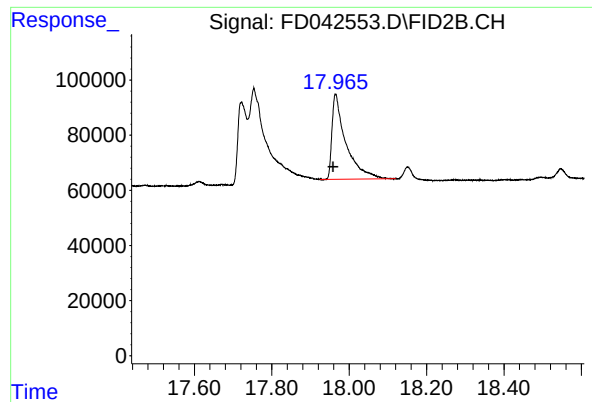
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: 0.011 min
Response: 433320
Conc: 3.95 ug/ml



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

R.T.: 17.754 min
Delta R.T.: 0.008 min
Response: 1086506
Conc: 6.77 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.007 min
Response: 770089
Conc: 5.59 ug/ml