

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042550.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 11:17
 Operator : UA/NP
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 15:13:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:13:09 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...	7.328	7471142	50.105 ug/ml
Spiked Amount 50.000		Recovery =	100.21%
6) S 2-Fluorobiphenyl (SURR)	8.179	4373113	57.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.76%
11) S ortho-Terphenyl (SURR)	11.205	8152369	48.053 ug/ml
Spiked Amount 50.000		Recovery =	96.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	8684679	47.467 ug/ml
2) T Naphthalene (C11.7)	5.672	8766727	50.324 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	7593914	48.380 ug/ml
5) T Acenaphthylene (C15.06)	7.980	8234311	48.856 ug/ml
7) T Acenaphthene (C15.5)	8.273	8674352	46.139 ug/ml
8) T Fluorene (C16.55)	9.051	7831496	49.641 ug/ml
9) T Phenanthrene (C19.36)	10.438	7217261	51.611 ug/ml
10) T Anthracene (C19.43)	10.514	7322530	48.212 ug/ml
12) T Fluoranthene (C21.85)	12.241	6979354	49.823 ug/ml
13) T Pyrene (C20.8)	12.533	7074266	49.156 ug/ml
14) T Benzo[a]anthracene (C...	14.407	6381487	57.069 ug/ml
15) T Chrysene (C27.41)	14.448	7309463	43.758 ug/ml
16) T benzo[b]fluoranthene ...	15.957	6909839	54.119 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	7363232	44.433 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.334	6831261	50.799 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.704	5748306	58.398 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	7382825	45.083 ug/ml
21) T Benzo[g,h,i]perylene ...	17.953	6595657	49.000 ug/ml

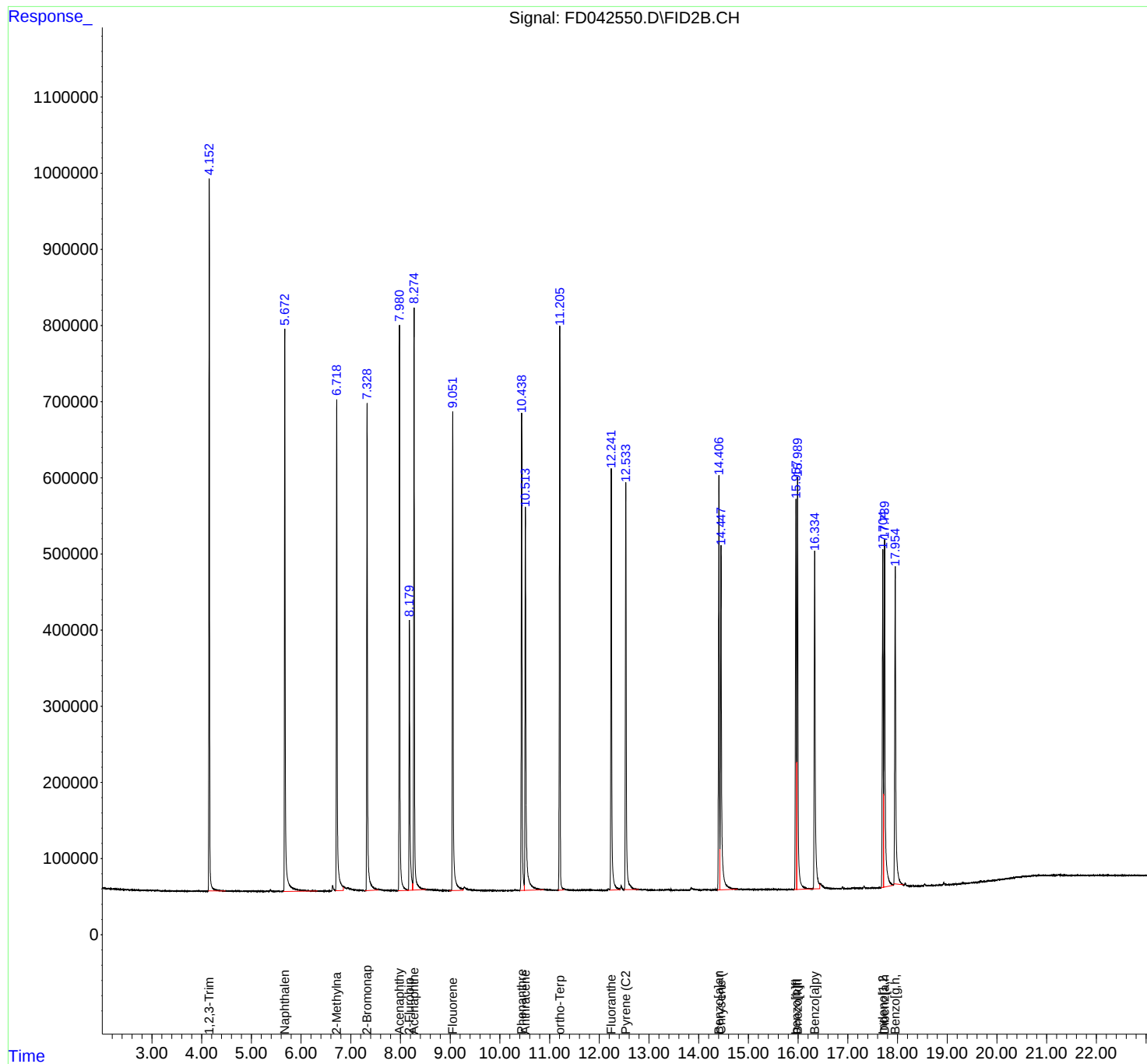
(f)=RT Delta > 1/2 Window

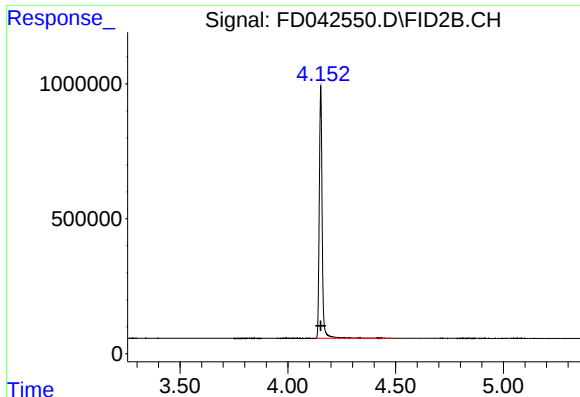
(m)=manual int.

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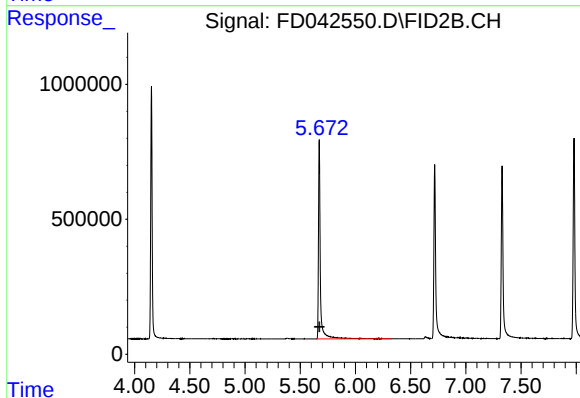
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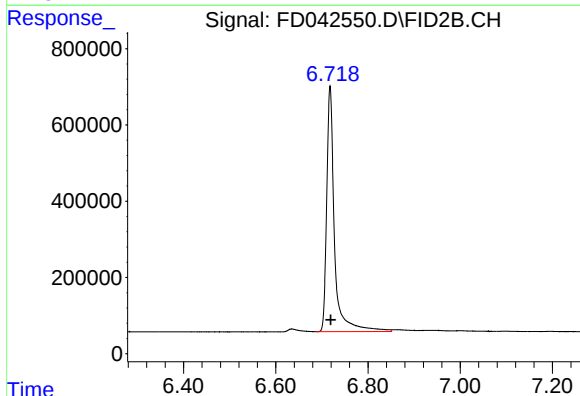
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 8684679
Conc: 47.47 ug/ml



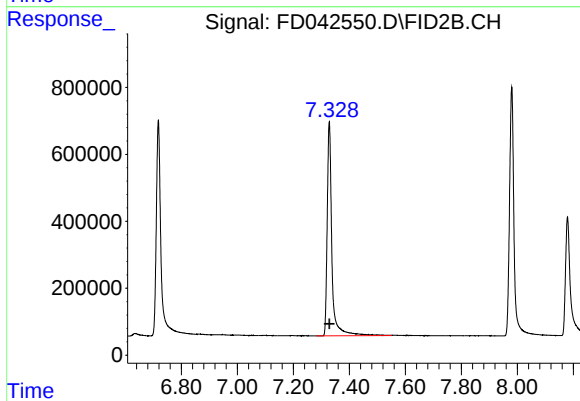
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 8766727
Conc: 50.32 ug/ml



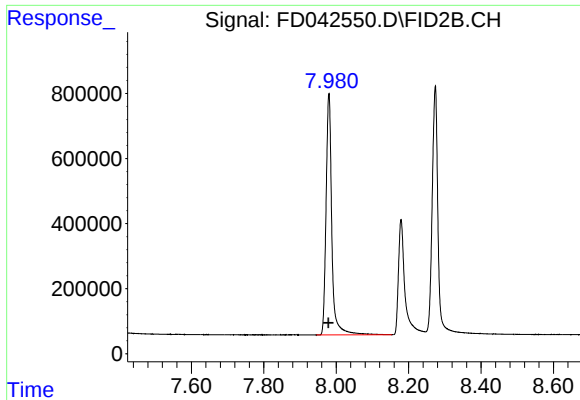
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 7593914
Conc: 48.38 ug/ml



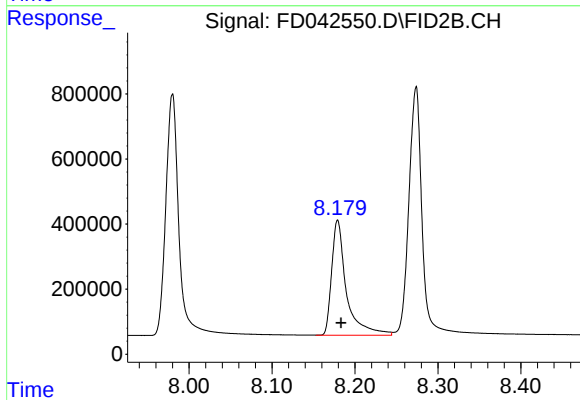
#4 2-Bromonaphthalene (SURR)

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 7471142
Conc: 50.11 ug/ml



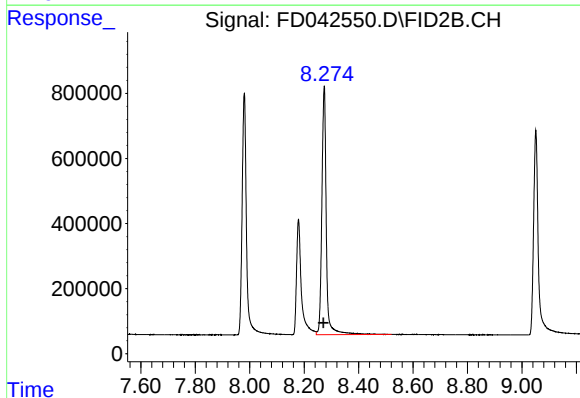
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: 0.001 min
Response: 8234311
Conc: 48.86 ug/ml



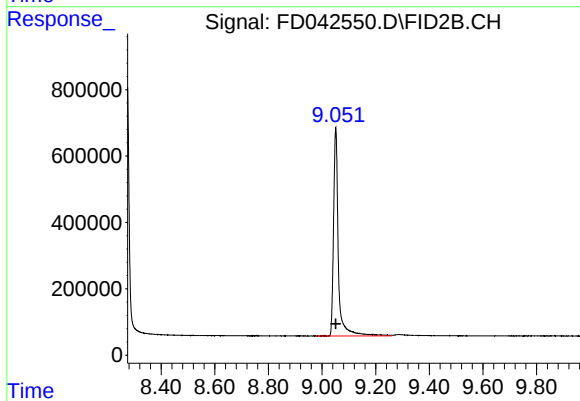
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.004 min
Response: 4373113
Conc: 57.88 ug/ml



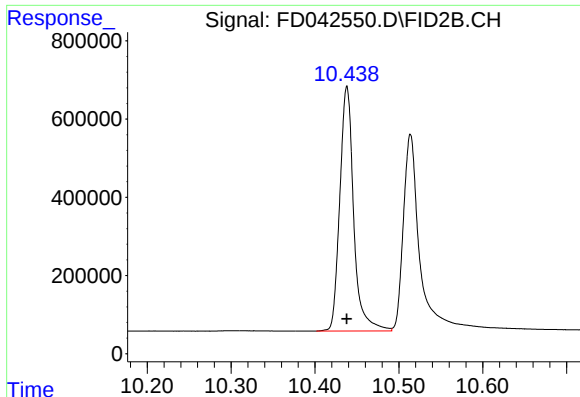
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: 0.003 min
Response: 8674352
Conc: 46.14 ug/ml



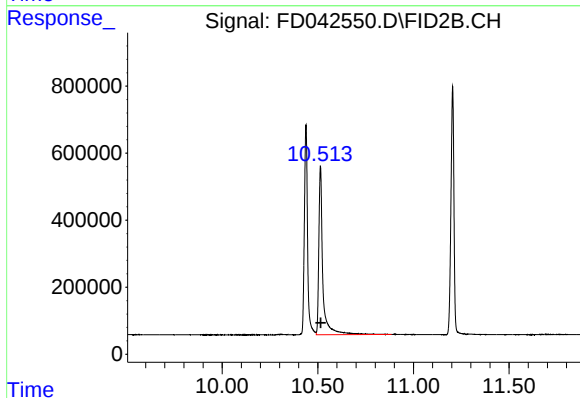
#8 Flouorene (C16.55)

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 7831496
Conc: 49.64 ug/ml



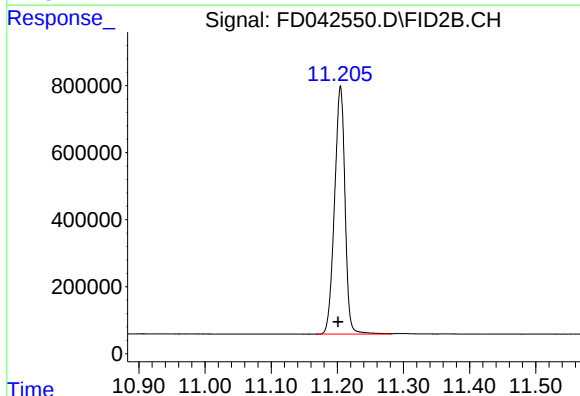
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 7217261
Conc: 51.61 ug/ml



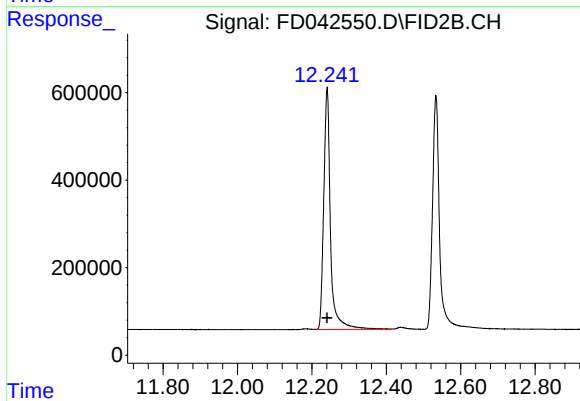
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.001 min
Response: 7322530
Conc: 48.21 ug/ml



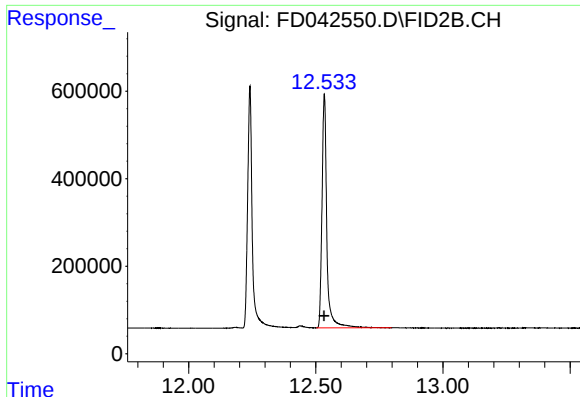
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: 0.003 min
Response: 8152369
Conc: 48.05 ug/ml



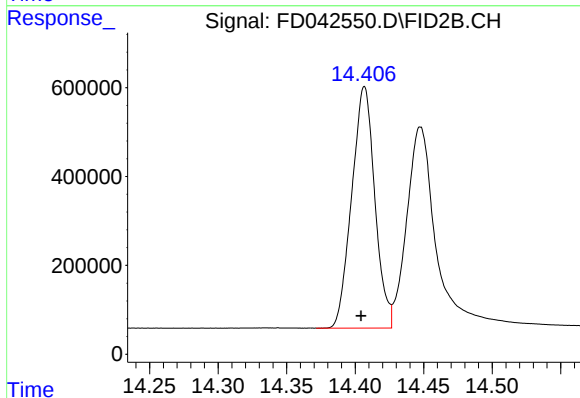
#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: 0.000 min
Response: 6979354
Conc: 49.82 ug/ml



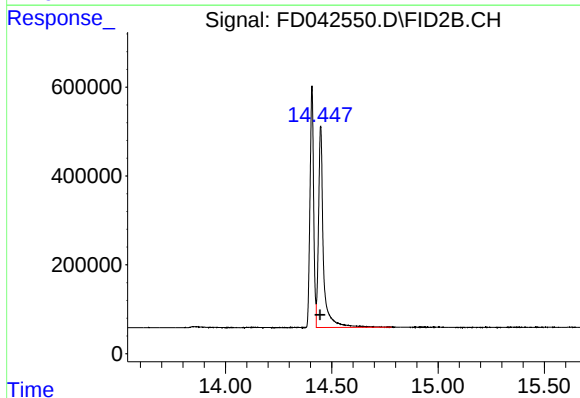
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: 0.001 min
Response: 7074266
Conc: 49.16 ug/ml



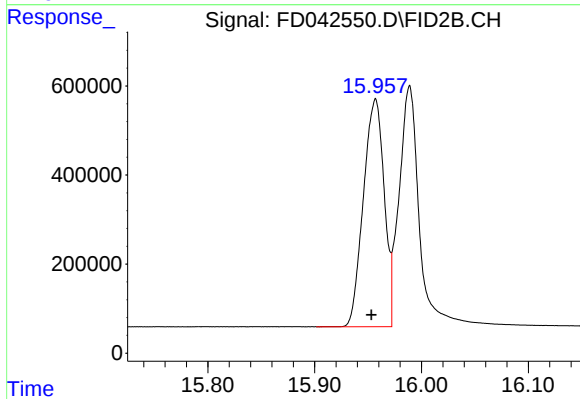
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: 0.002 min
Response: 6381487
Conc: 57.07 ug/ml



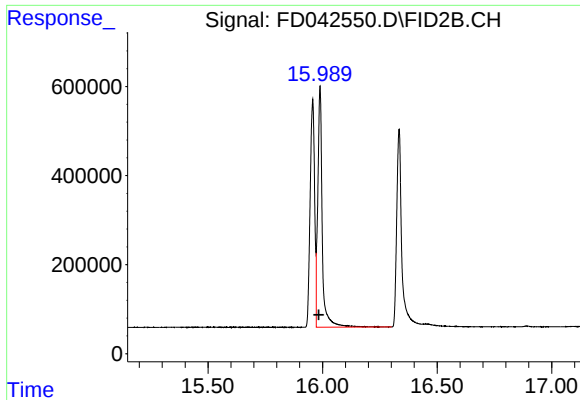
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: 0.002 min
Response: 7309463
Conc: 43.76 ug/ml



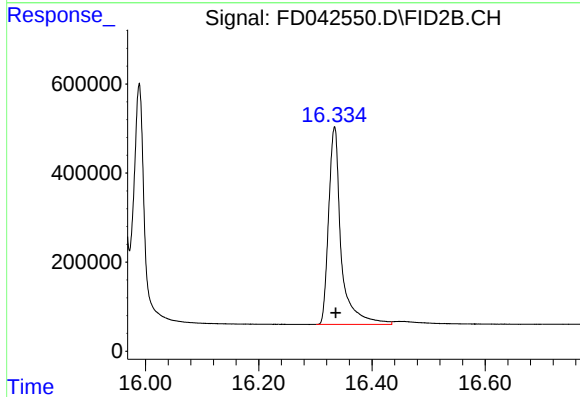
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.957 min
Delta R.T.: 0.003 min
Response: 6909839
Conc: 54.12 ug/ml



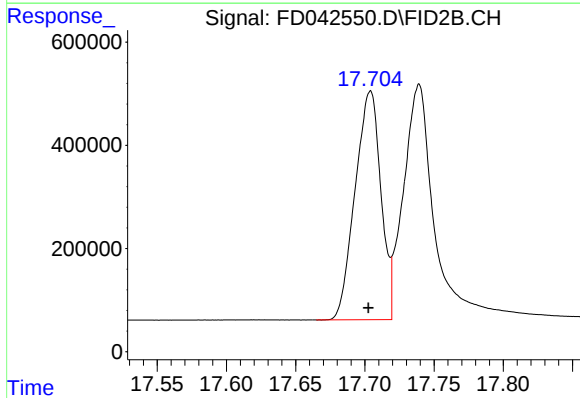
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min
Delta R.T.: 0.005 min
Response: 7363232
Conc: 44.43 ug/ml



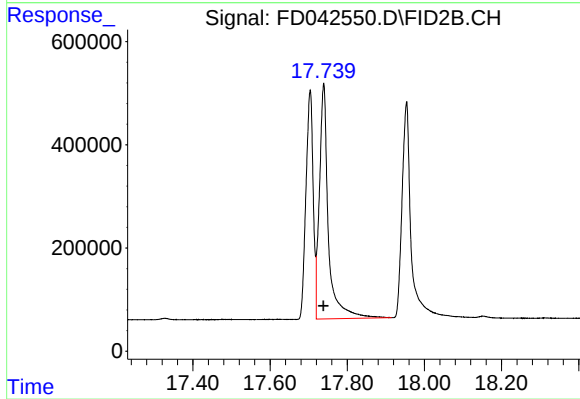
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.334 min
Delta R.T.: -0.002 min
Response: 6831261
Conc: 50.80 ug/ml



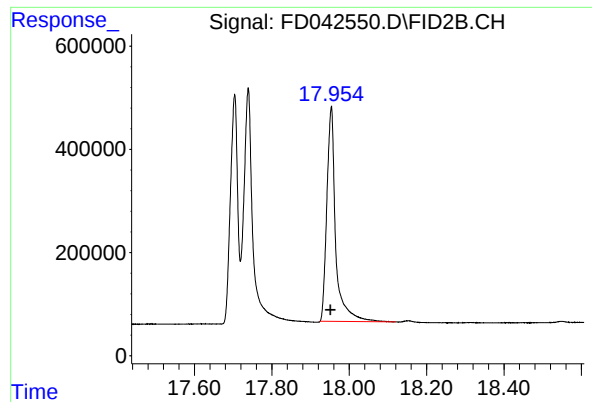
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.704 min
Delta R.T.: 0.001 min
Response: 5748306
Conc: 58.40 ug/ml



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

R.T.: 17.739 min
Delta R.T.: 0.000 min
Response: 7382825
Conc: 45.08 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.002 min
Response: 6595657
Conc: 49.00 ug/ml