

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042552.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 13:51
 Operator : UA/NP
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 15:14:23 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...	7.332	1773744	11.896 ug/ml
Spiked Amount 50.000		Recovery =	23.79%
6) S 2-Fluorobiphenyl (SURR)	8.192	693554	9.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.36%
11) S ortho-Terphenyl (SURR)	11.201	1964599	11.580 ug/ml
Spiked Amount 50.000		Recovery =	23.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	2108541	11.524 ug/ml
2) T Naphthalene (C11.7)	5.676	2021588	11.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1831610	11.669 ug/ml
5) T Acenaphthylene (C15.06)	7.980	1923739	11.414 ug/ml
7) T Acenaphthene (C15.5)	8.271	2261384	12.028 ug/ml
8) T Flouorene (C16.55)	9.055	1771292	11.228 ug/ml
9) T Phenanthrene (C19.36)	10.442	1513926	10.826 ug/ml
10) T Anthracene (C19.43)	10.521	1743234	11.478 ug/ml
12) T Fluoranthene (C21.85)	12.245	1572672	11.227 ug/ml
13) T Pyrene (C20.8)	12.536	1644322	11.426 ug/ml
14) T Benzo[a]anthracene (C...	14.411	1101894	9.854 ug/ml
15) T Chrysene (C27.41)	14.450	2071564	12.401 ug/ml
16) T benzo[b]fluoranthene ...	15.956	1343569	10.523 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	2054531	12.398 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	1466216	10.903 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	994385	10.102 ug/ml
20) T Dibenz[a,h]anthracene...	17.746	1944875	11.876 ug/ml
21) T Benzo[g,h,i]perylene ...	17.958	1506037	11.188 ug/ml

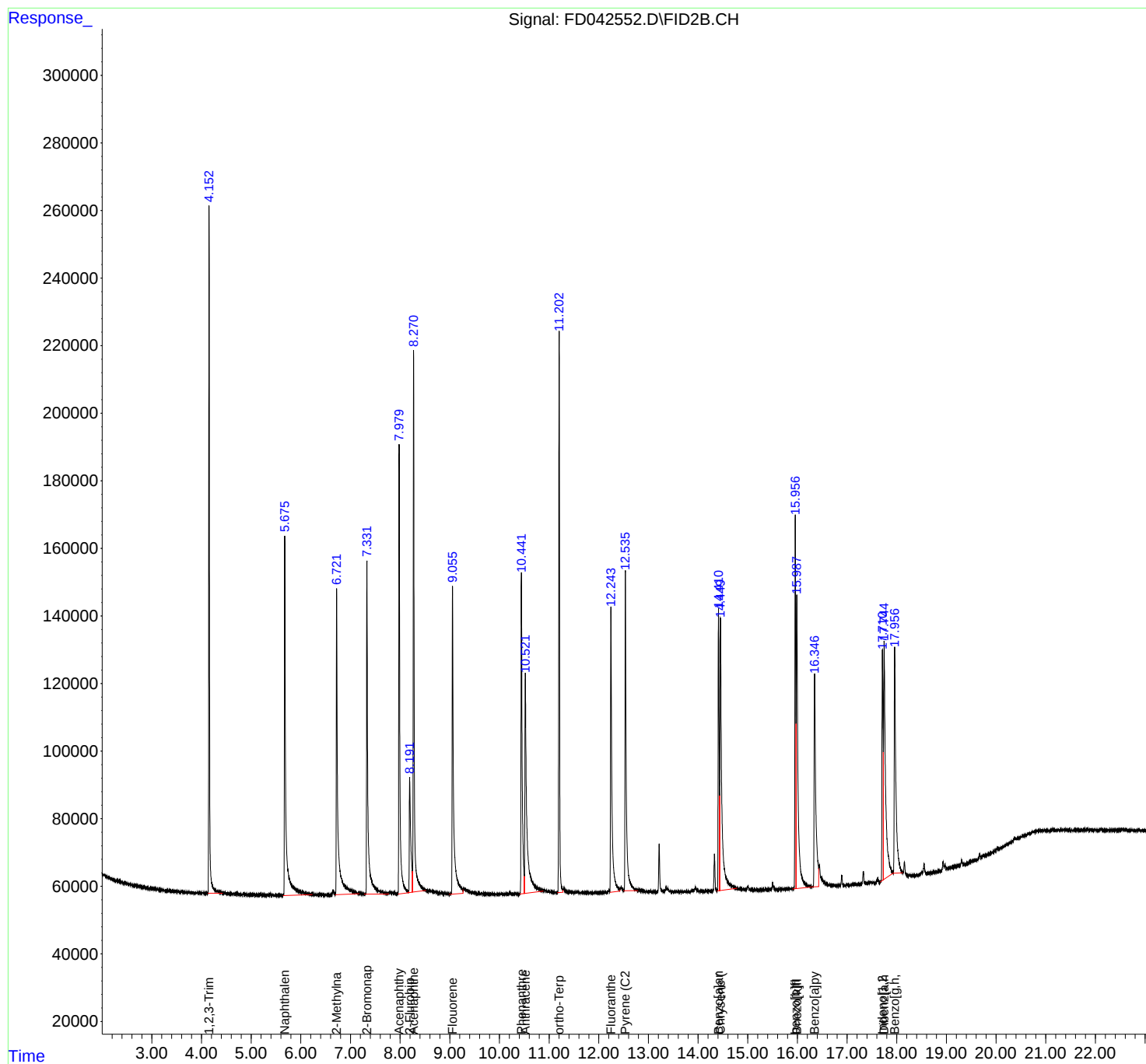
(f)=RT Delta > 1/2 Window

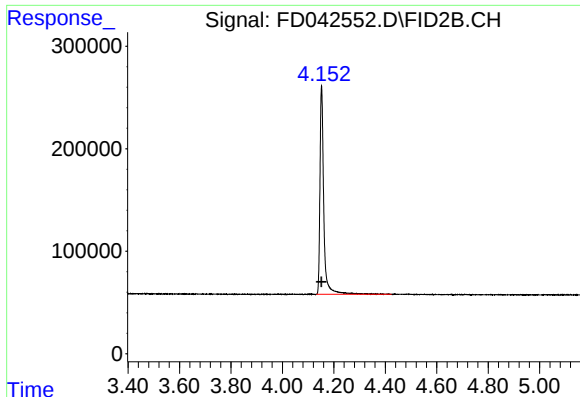
(m)=manual int.

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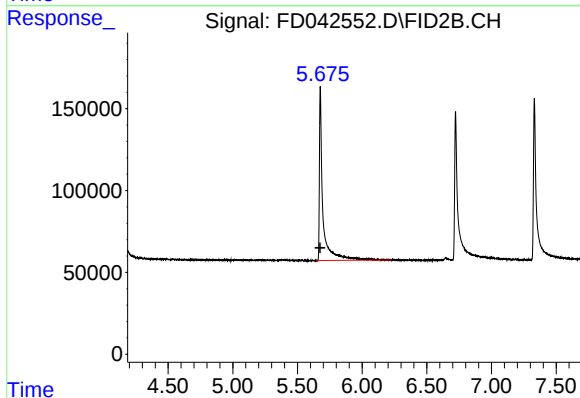
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Signal Info : 20M x 0.18mm x 0.18µm





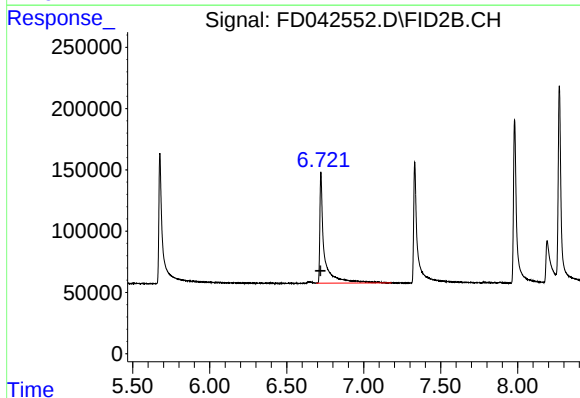
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 2108541
Conc: 11.52 ug/ml



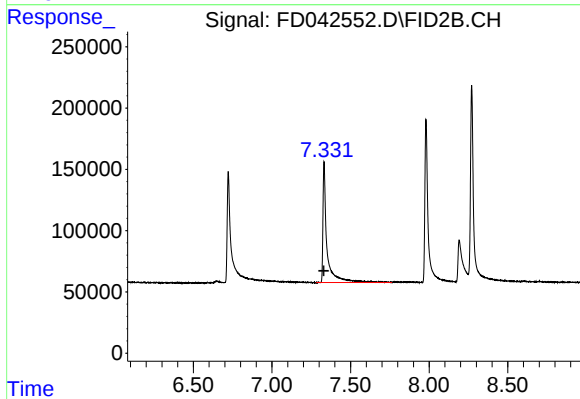
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: 0.003 min
Response: 2021588
Conc: 11.60 ug/ml



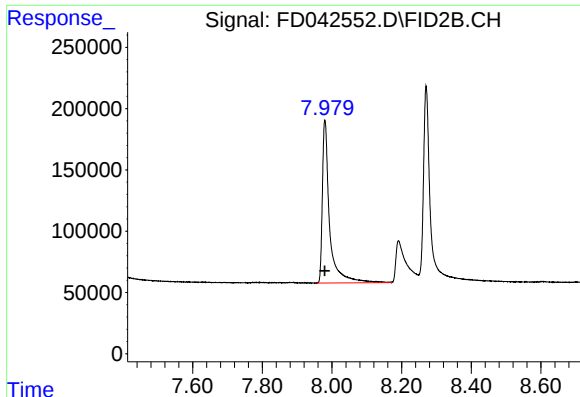
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: 0.003 min
Response: 1831610
Conc: 11.67 ug/ml



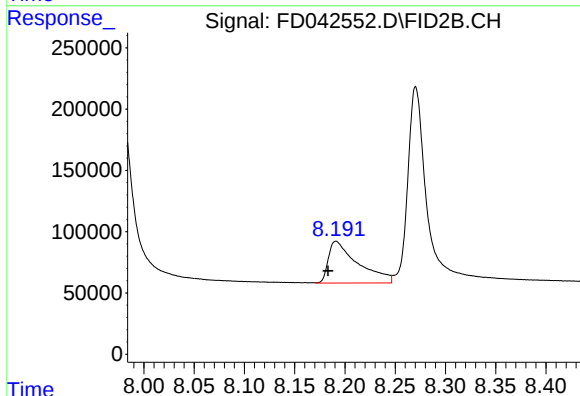
#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: 0.003 min
Response: 1773744
Conc: 11.90 ug/ml



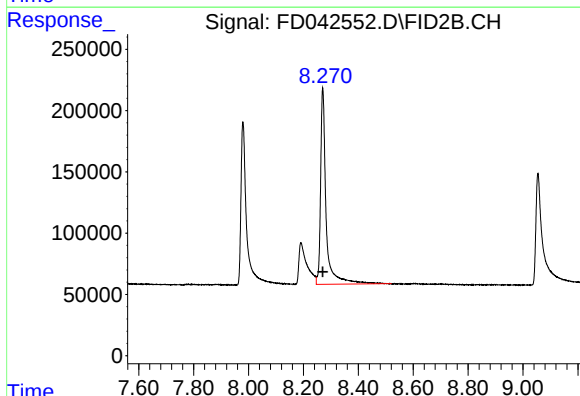
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: 0.001 min
Response: 1923739
Conc: 11.41 ug/ml



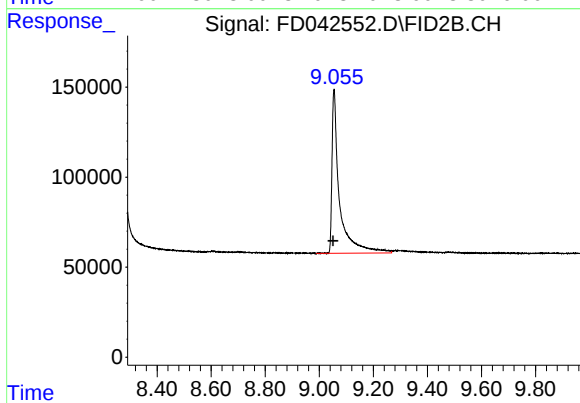
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.192 min
Delta R.T.: 0.009 min
Response: 693554
Conc: 9.18 ug/ml



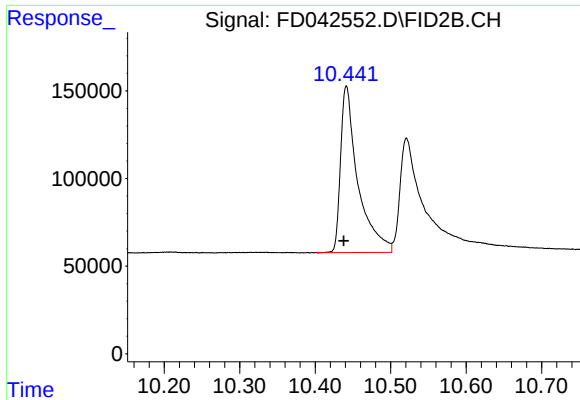
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 2261384
Conc: 12.03 ug/ml



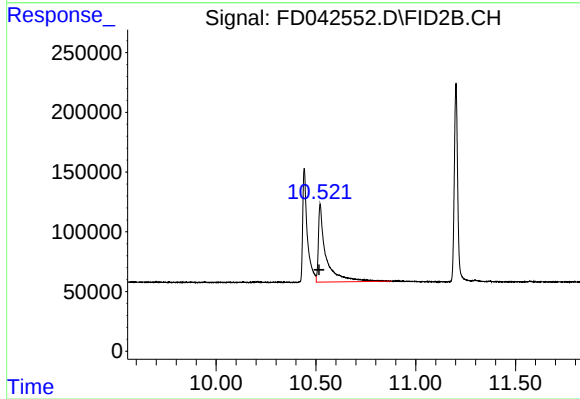
#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: 0.004 min
Response: 1771292
Conc: 11.23 ug/ml



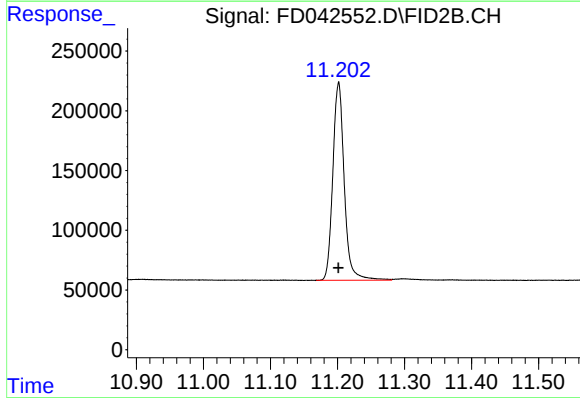
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: 0.004 min
Response: 1513926
Conc: 10.83 ug/ml



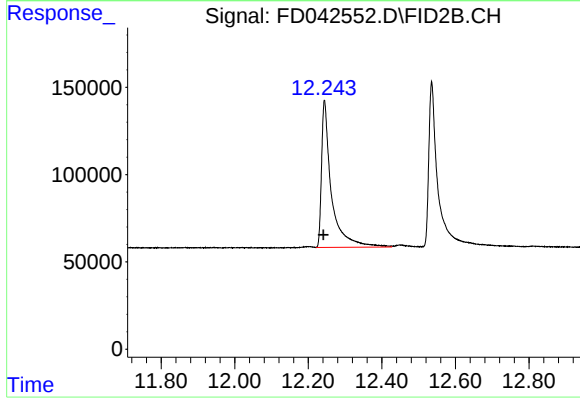
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: 0.006 min
Response: 1743234
Conc: 11.48 ug/ml



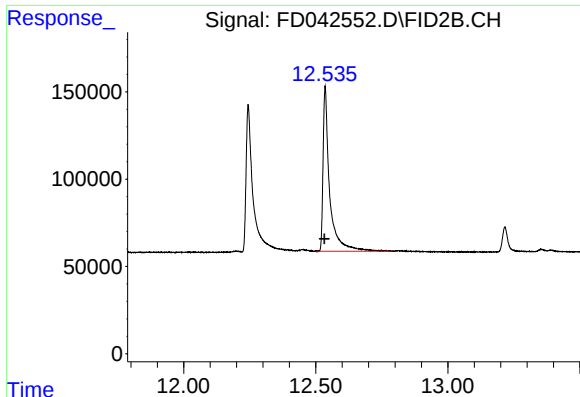
#11 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 1964599
Conc: 11.58 ug/ml



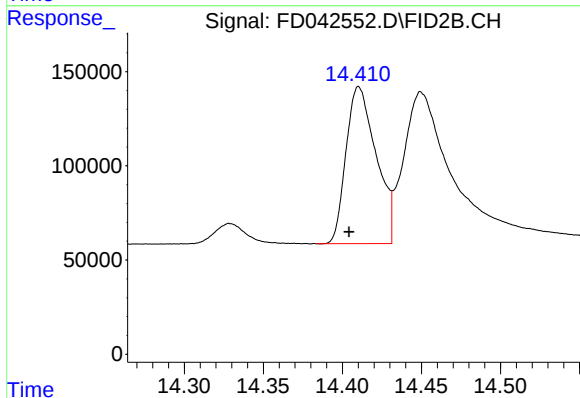
#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: 0.004 min
Response: 1572672
Conc: 11.23 ug/ml



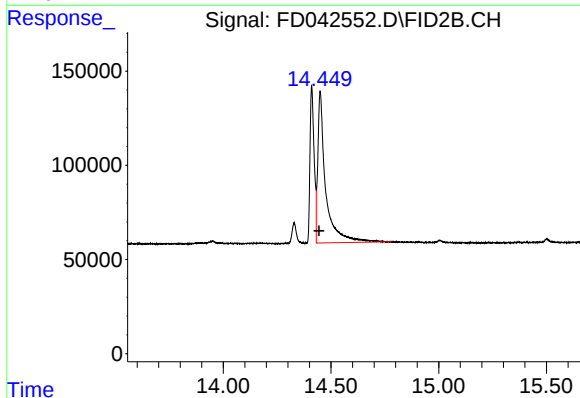
#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: 0.003 min
Response: 1644322
Conc: 11.43 ug/ml



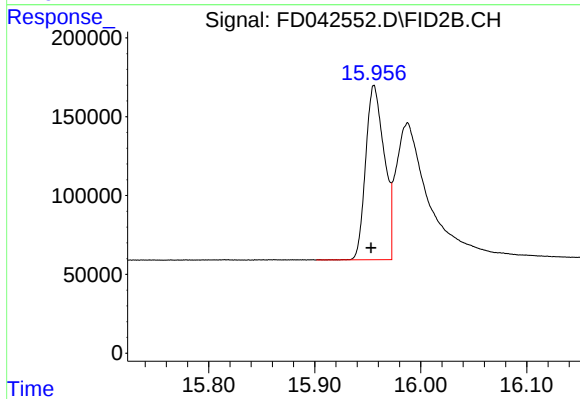
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: 0.006 min
Response: 1101894
Conc: 9.85 ug/ml



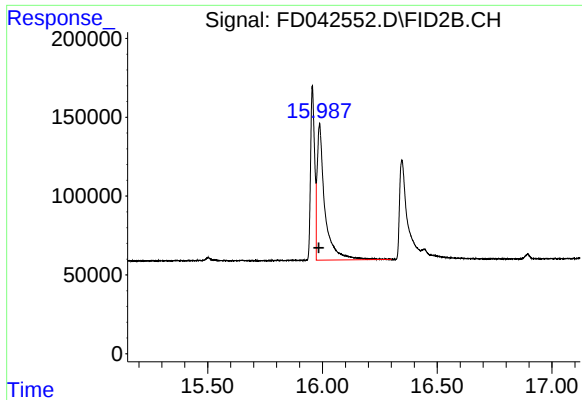
#15 Chrysene (C27.41)

R.T.: 14.450 min
Delta R.T.: 0.005 min
Response: 2071564
Conc: 12.40 ug/ml



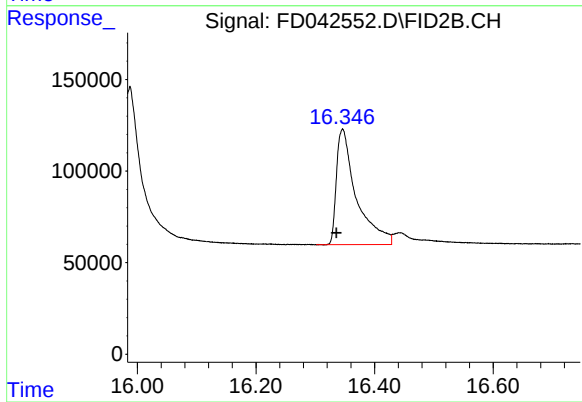
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.956 min
Delta R.T.: 0.003 min
Response: 1343569
Conc: 10.52 ug/ml



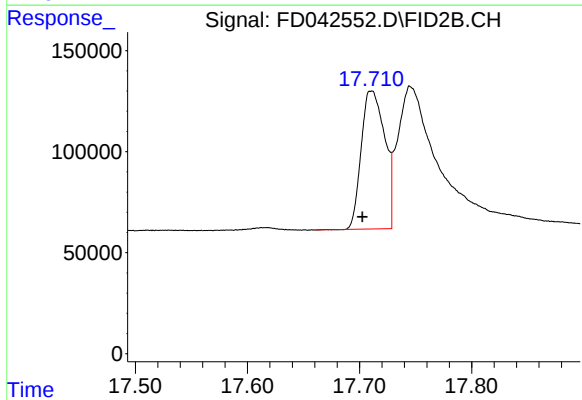
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: 0.004 min
Response: 2054531
Conc: 12.40 ug/ml



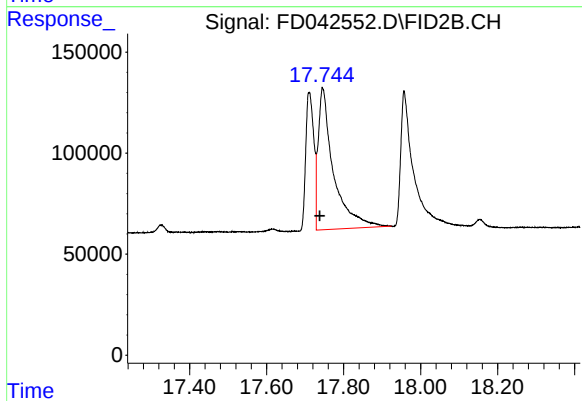
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: 0.010 min
Response: 1466216
Conc: 10.90 ug/ml



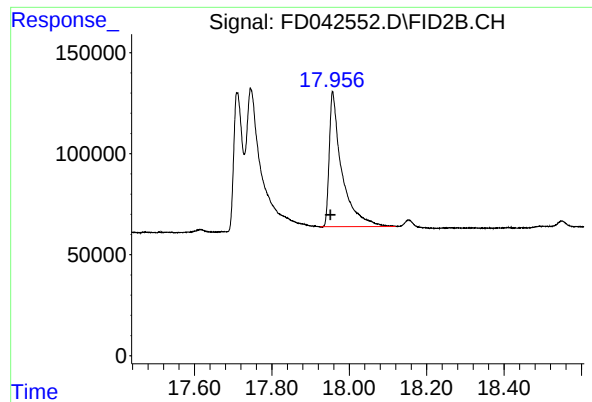
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: 0.009 min
Response: 994385
Conc: 10.10 ug/ml



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

R.T.: 17.746 min
Delta R.T.: 0.008 min
Response: 1944875
Conc: 11.88 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.007 min
Response: 1506037
Conc: 11.19 ug/ml