

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040404.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 1:50
 Operator : AJ\MA
 Sample : M4068-08
 Misc : LOQ WATER 5PPM
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 09:06:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.752	7374711	51.564 ug/ml
Spiked Amount 50.000		Recovery =	103.13%
6) S 2-Fluorobiphenyl (SURR)	7.600	4936379	51.840 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.68%
11) S ortho-Terphenyl (SURR)	10.634	3047471	19.500 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.606	590414	3.817 ug/ml
2) T Naphthalene (C11.7)	5.101	617523	3.858 ug/ml
3) T 2-Methylnaphthalene (...)	6.140	600982	3.702 ug/ml
5) T Acenaphthylene (C15.06)	7.402	615462	4.094 ug/ml
7) T Acenaphthene (C15.5)	7.696	710121	4.406 ug/ml
8) T Fluorene (C16.55)	8.473	563250	3.624 ug/ml
9) T Phenanthrene (C19.36)	9.858	545516	3.546 ug/ml
10) T Anthracene (C19.43)	9.934	564838	3.866 ug/ml
12) T Fluoranthene (C21.85)	11.659	559534	3.603 ug/ml
13) T Pyrene (C20.8)	11.953	602959	3.995 ug/ml
14) T Benzo[a]anthracene (C...	13.820	447050	3.370 ug/ml
15) T Chrysene (C27.41)	13.859	607455	4.154 ug/ml
16) T benzo[b]fluoranthene ...	15.360	481613	3.525 ug/ml
17) T Bnezo[k]fluoranthene ...	15.391	561689	4.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.738	461149	3.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.094	409053	3.357 ug/mlm
20) T Dibenz[a,h]anthracene...	17.140	474838	3.904 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.343	474134	3.693 ug/ml

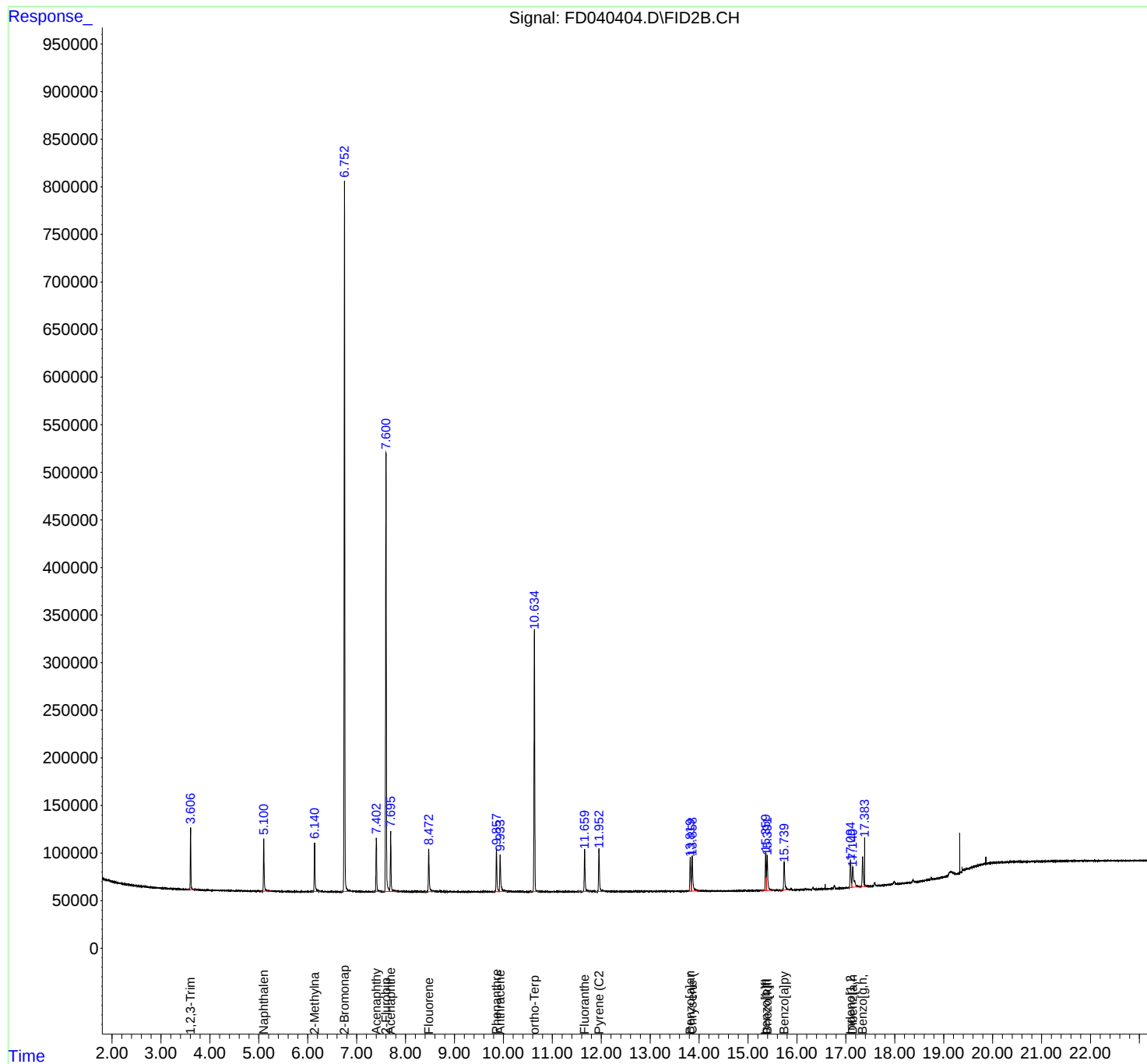
(f)=RT Delta > 1/2 Window

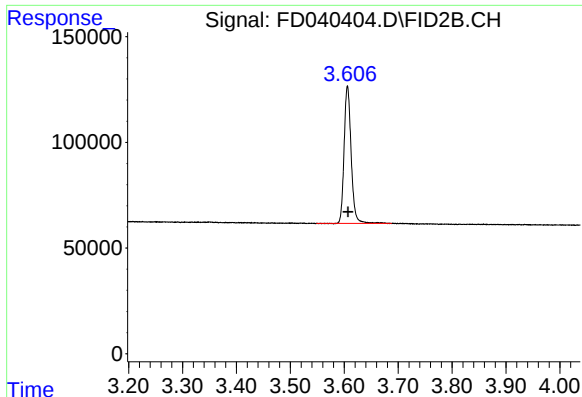
(m)=manual int.

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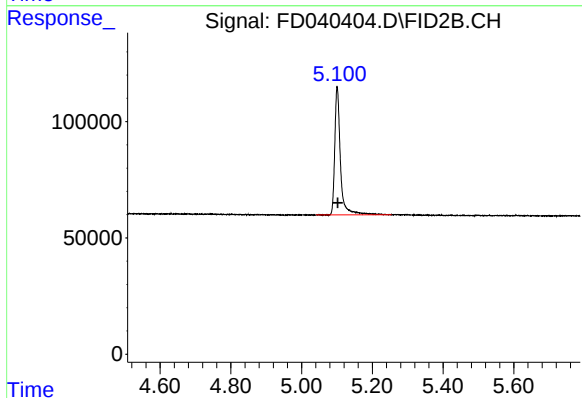
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





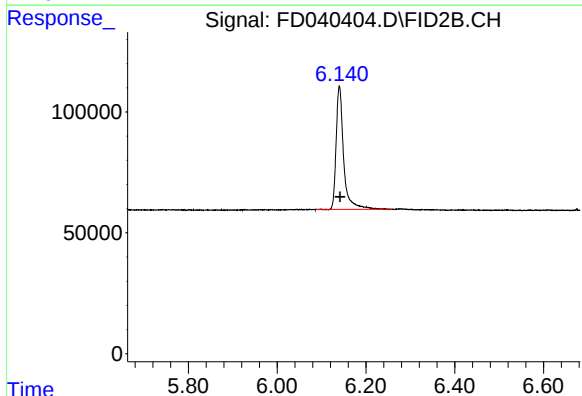
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 590414
Conc: 3.82 ug/ml



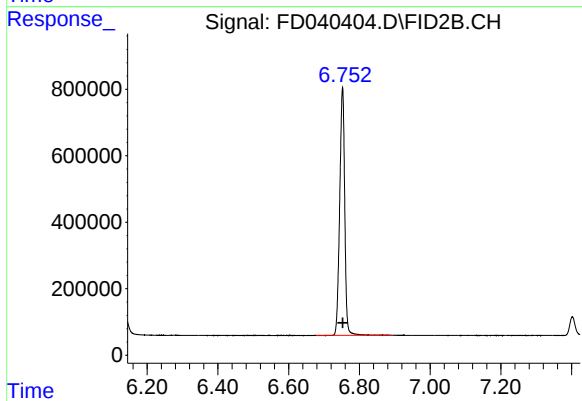
#2 Naphthalene (C11.7)

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 617523
Conc: 3.86 ug/ml



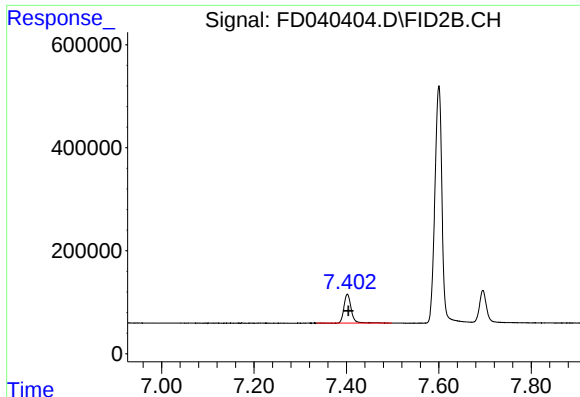
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 600982
Conc: 3.70 ug/ml



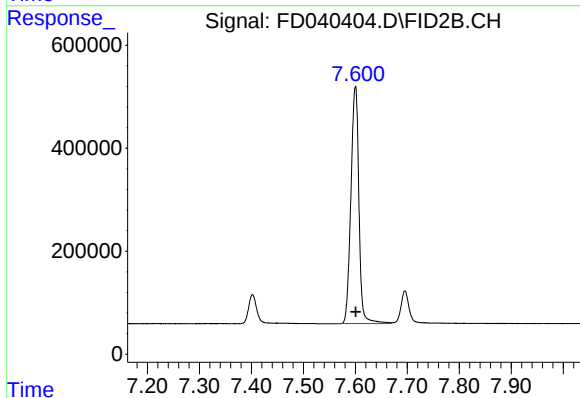
#4 2-Bromonaphthalene (SURR)

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 7374711
Conc: 51.56 ug/ml



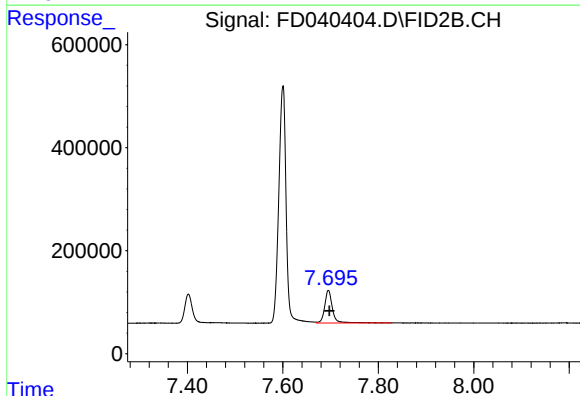
#5 Acenaphthylene (C15.06)

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 615462
Conc: 4.09 ug/ml



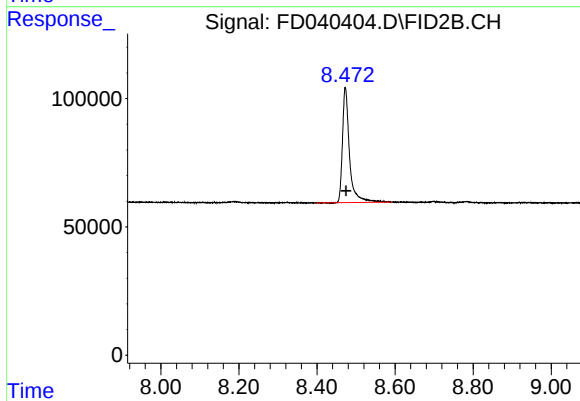
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 4936379
Conc: 51.84 ug/ml



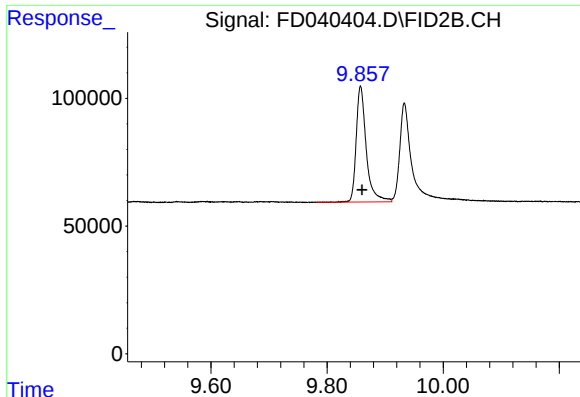
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 710121
Conc: 4.41 ug/ml



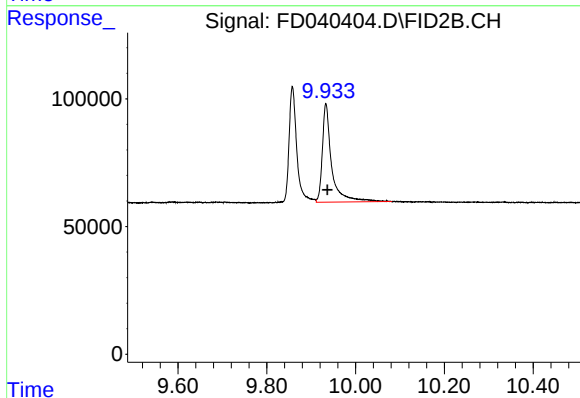
#8 Flouorene (C16.55)

R.T.: 8.473 min
Delta R.T.: -0.002 min
Response: 563250
Conc: 3.62 ug/ml



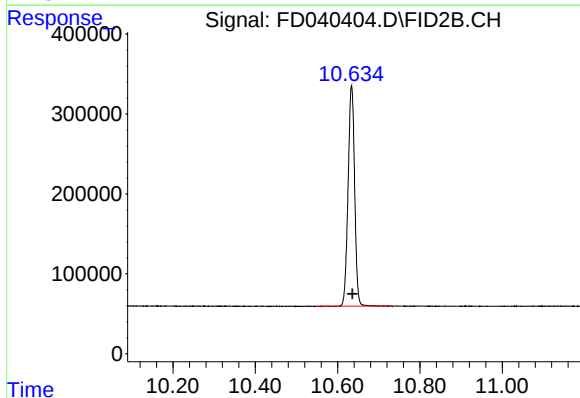
#9 Phenanthrene (C19.36)

R.T.: 9.858 min
Delta R.T.: -0.003 min
Response: 545516
Conc: 3.55 ug/ml



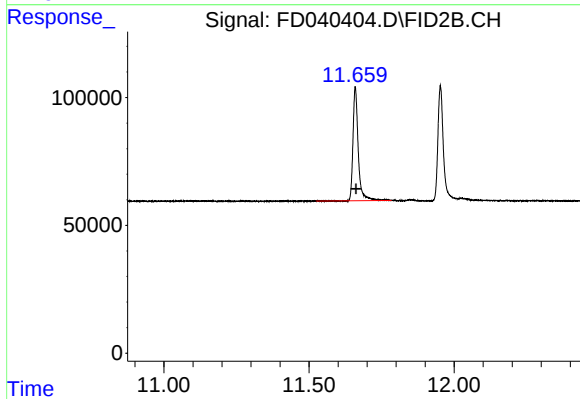
#10 Anthracene (C19.43)

R.T.: 9.934 min
Delta R.T.: -0.003 min
Response: 564838
Conc: 3.87 ug/ml



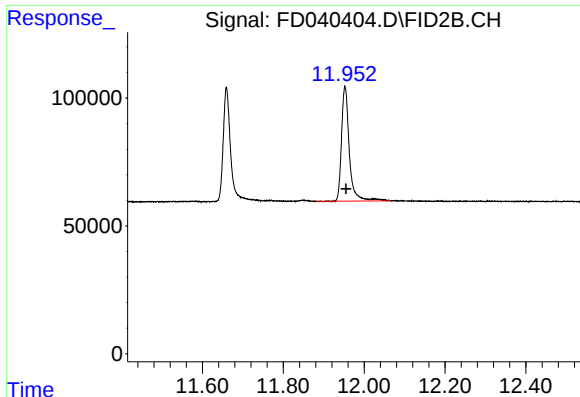
#11 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.002 min
Response: 3047471
Conc: 19.50 ug/ml



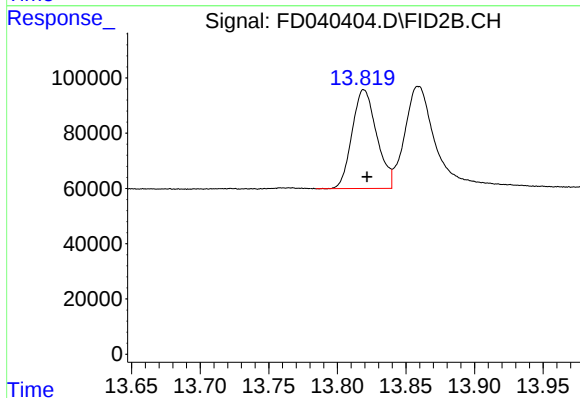
#12 Fluoranthene (C21.85)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 559534
Conc: 3.60 ug/ml



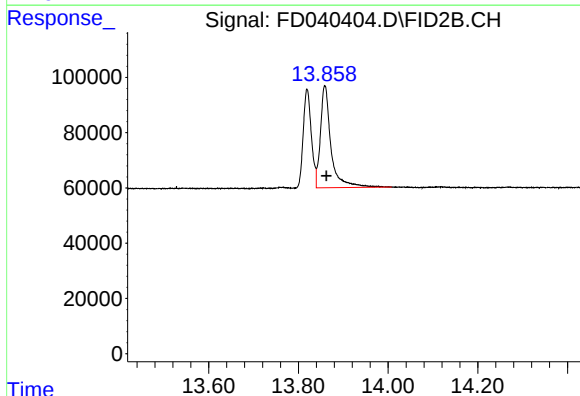
#13 Pyrene (C20.8)

R.T.: 11.953 min
Delta R.T.: -0.003 min
Response: 602959
Conc: 3.99 ug/ml



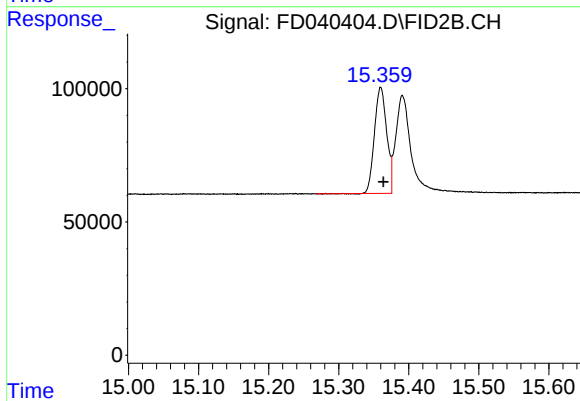
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.820 min
Delta R.T.: -0.002 min
Response: 447050
Conc: 3.37 ug/ml



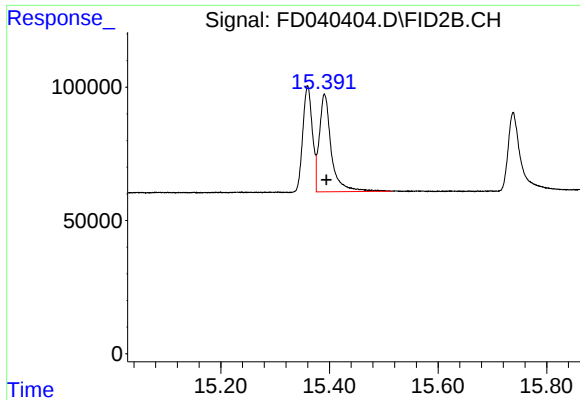
#15 Chrysene (C27.41)

R.T.: 13.859 min
Delta R.T.: -0.003 min
Response: 607455
Conc: 4.15 ug/ml



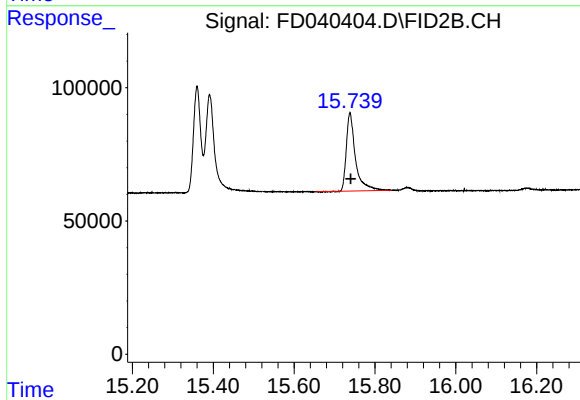
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.360 min
Delta R.T.: -0.004 min
Response: 481613
Conc: 3.52 ug/ml



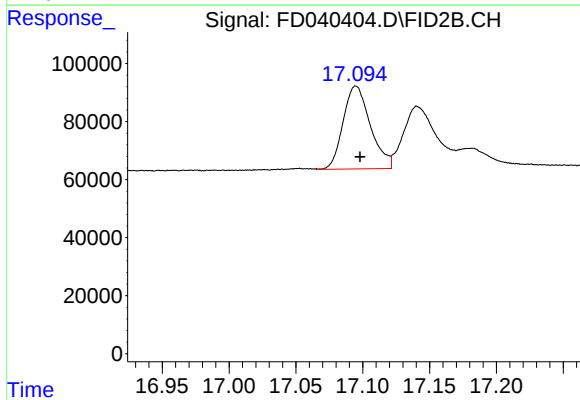
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.391 min
Delta R.T.: -0.003 min
Response: 561689
Conc: 4.06 ug/ml



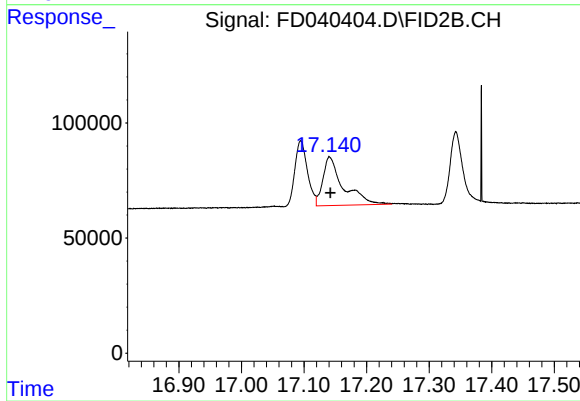
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.738 min
Delta R.T.: -0.002 min
Response: 461149
Conc: 3.54 ug/ml



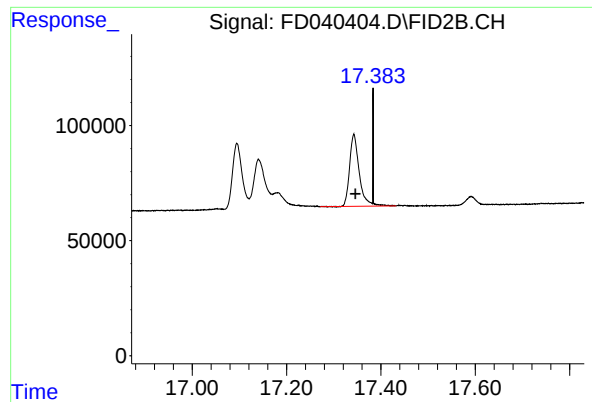
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.094 min
Delta R.T.: -0.004 min
Response: 409053
Conc: 3.36 ug/ml m



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

R.T.: 17.140 min
Delta R.T.: -0.003 min
Response: 474838
Conc: 3.90 ug/ml m



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

R.T.: 17.343 min
Delta R.T.: -0.004 min
Response: 474134
Conc: 3.69 ug/ml