

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040403.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 1:17
 Operator : AJ\MA
 Sample : M4068-07
 Misc : LOD WATER 4PPM
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 09:07:33 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...	6.751	6025350	42.129 ug/ml
Spiked Amount 50.000		Recovery =	84.26%
6) S 2-Fluorobiphenyl (SURR)	7.599	3993226	41.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.87%
11) S ortho-Terphenyl (SURR)	10.637	5435558	34.781 ug/ml
Spiked Amount 50.000		Recovery =	69.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.606	611255	3.952 ug/ml
2) T Naphthalene (C11.7)	5.101	626246	3.913 ug/ml
3) T 2-Methylnaphthalene (...)	6.141	616377	3.797 ug/ml
5) T Acenaphthylene (C15.06)	7.402	641214	4.266 ug/ml
7) T Acenaphthene (C15.5)	7.696	704211	4.369 ug/ml
8) T Fluorene (C16.55)	8.474	574303	3.695 ug/ml
9) T Phenanthrene (C19.36)	9.859	554506	3.604 ug/ml
10) T Anthracene (C19.43)	9.934	578774	3.961 ug/ml
12) T Fluoranthene (C21.85)	11.660	565023	3.639 ug/ml
13) T Pyrene (C20.8)	11.953	614179	4.069 ug/ml
14) T Benzo[a]anthracene (C...	13.820	456750	3.443 ug/ml
15) T Chrysene (C27.41)	13.861	621887	4.253 ug/ml
16) T benzo[b]fluoranthene ...	15.361	490269	3.588 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.393	574633	4.151 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.740	472058	3.621 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.097	410919	3.372 ug/ml
20) T Dibenz[a,h]anthracene...	17.142	510316	4.195 ug/ml
21) T Benzo[g,h,i]perylene ...	17.345	451981	3.520 ug/ml

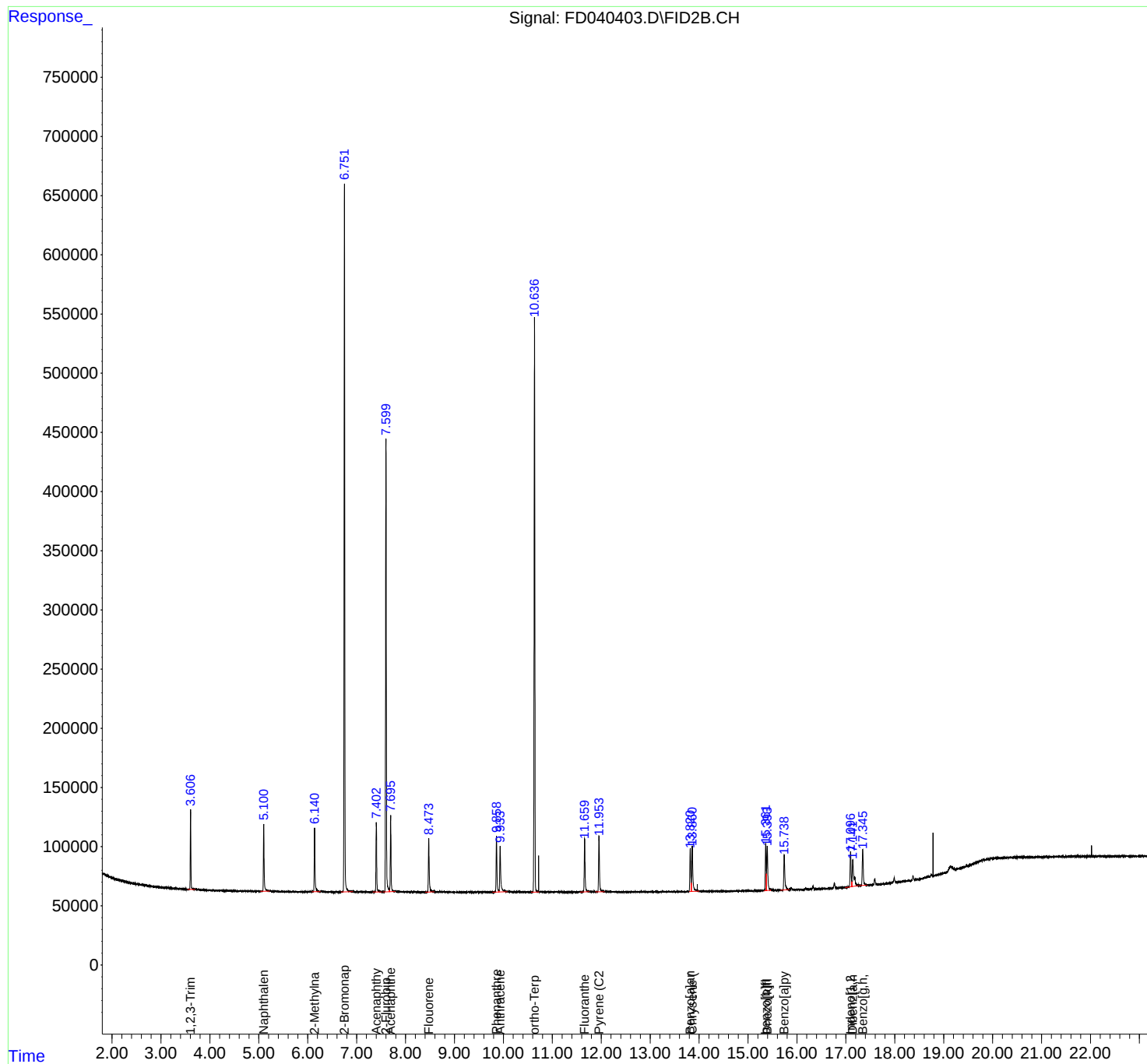
(f)=RT Delta > 1/2 Window

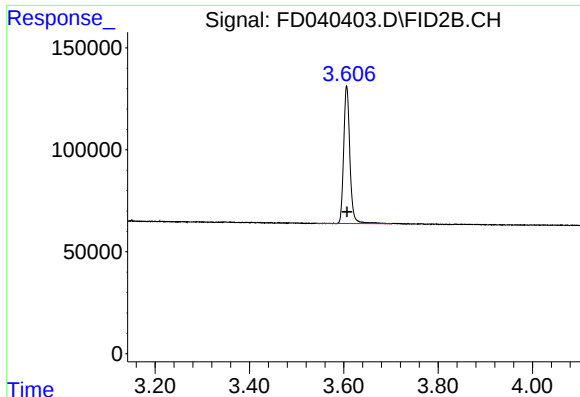
(m)=manual int.

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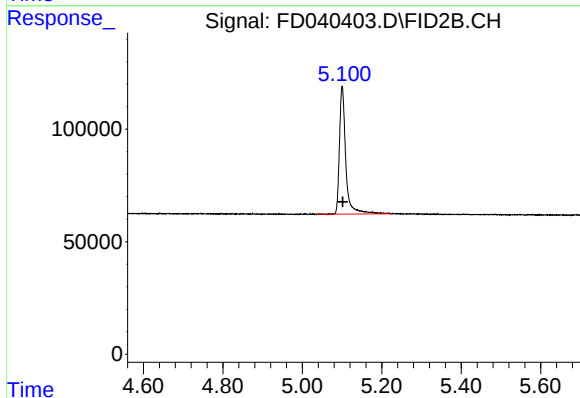
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Signal Info : 20M x 0.18mm x 0.18µm





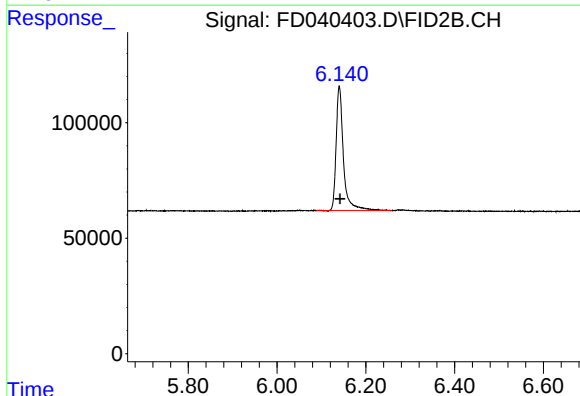
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 611255
Conc: 3.95 ug/ml



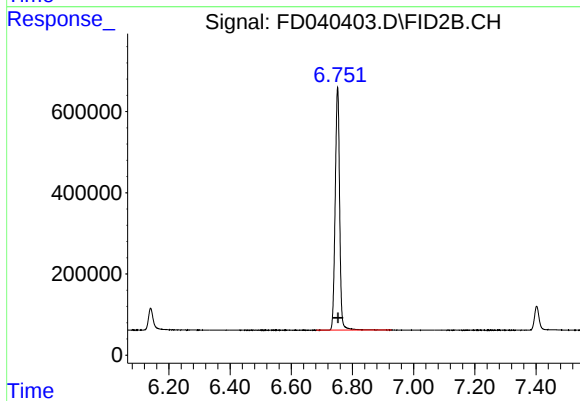
#2 Naphthalene (C11.7)

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 626246
Conc: 3.91 ug/ml



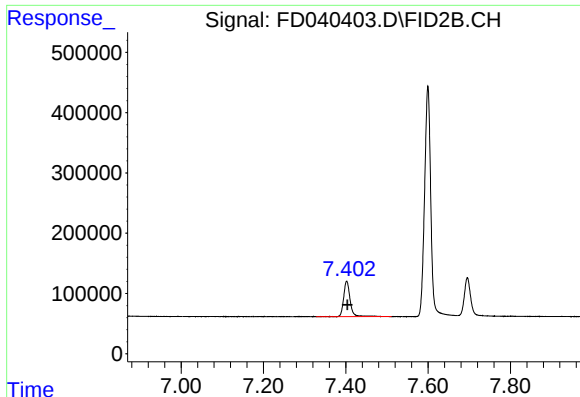
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.141 min
Delta R.T.: -0.001 min
Response: 616377
Conc: 3.80 ug/ml



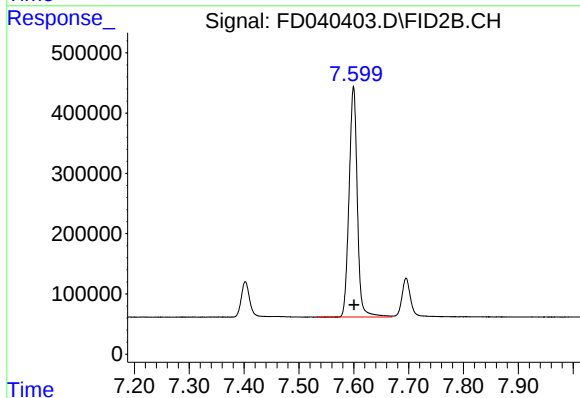
#4 2-Bromonaphthalene (SURR)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 6025350
Conc: 42.13 ug/ml



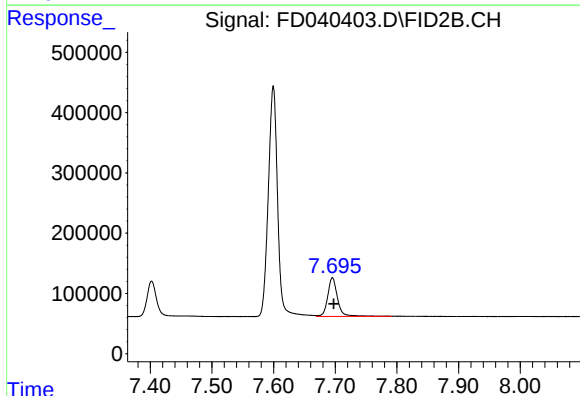
#5 Acenaphthylene (C15.06)

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 641214
Conc: 4.27 ug/ml



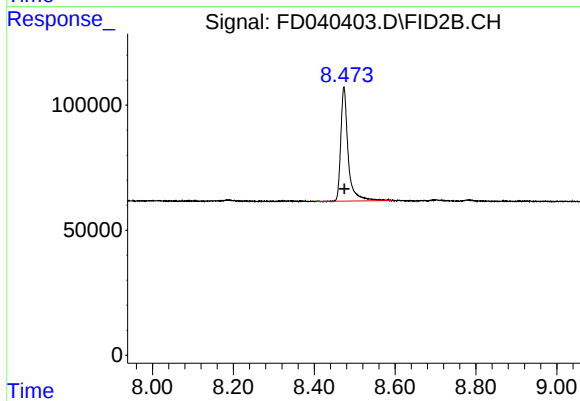
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 3993226
Conc: 41.94 ug/ml



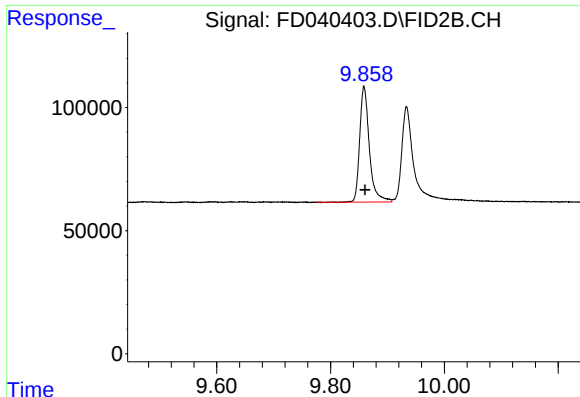
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 704211
Conc: 4.37 ug/ml



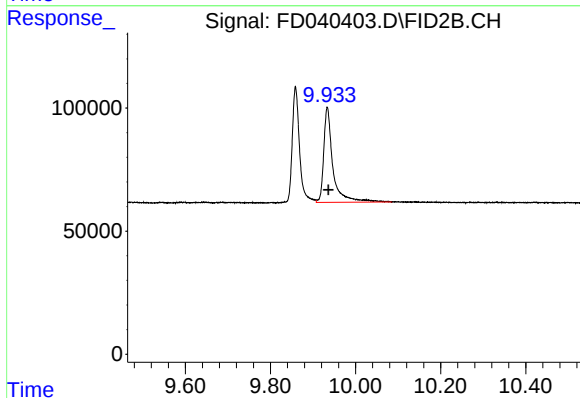
#8 Fluorene (C16.55)

R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 574303
Conc: 3.69 ug/ml



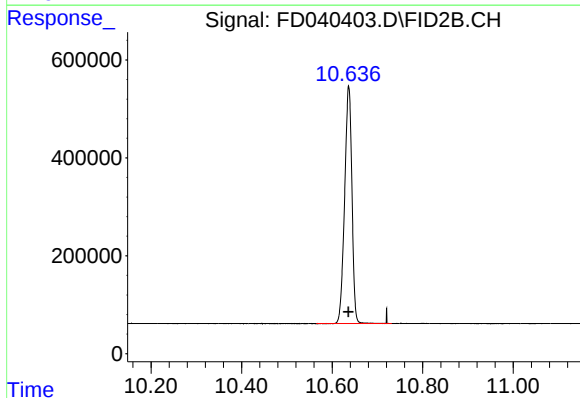
#9 Phenanthrene (C19.36)

R.T.: 9.859 min
Delta R.T.: -0.001 min
Response: 554506
Conc: 3.60 ug/ml



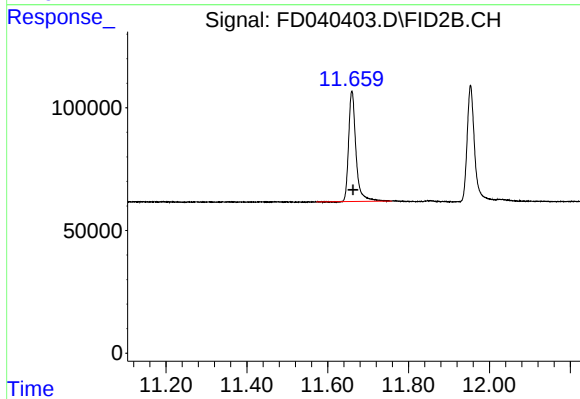
#10 Anthracene (C19.43)

R.T.: 9.934 min
Delta R.T.: -0.002 min
Response: 578774
Conc: 3.96 ug/ml



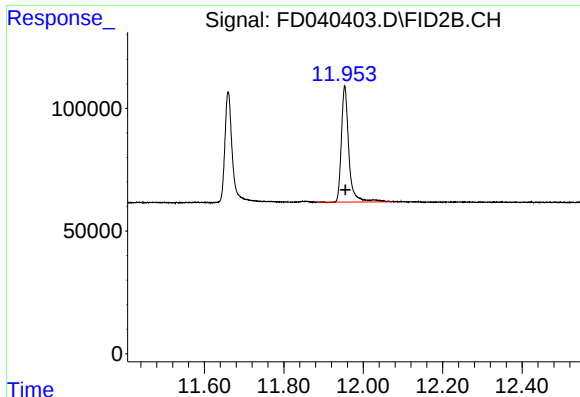
#11 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.000 min
Response: 543558
Conc: 34.78 ug/ml



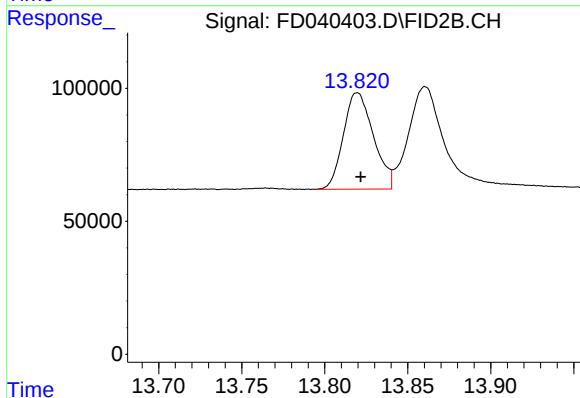
#12 Fluoranthene (C21.85)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 565023
Conc: 3.64 ug/ml



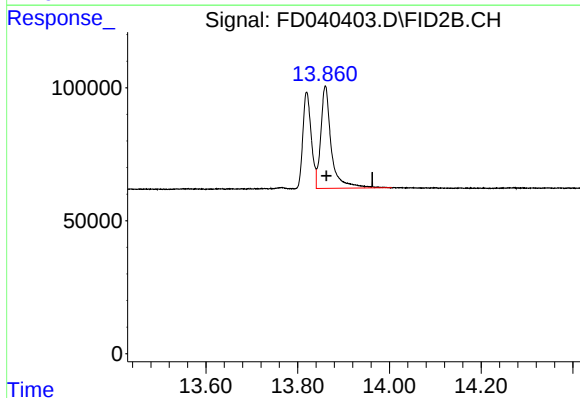
#13 Pyrene (C20.8)

R.T.: 11.953 min
Delta R.T.: -0.002 min
Response: 614179
Conc: 4.07 ug/ml



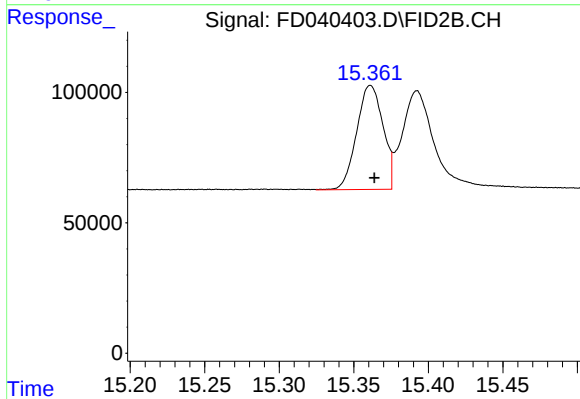
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.820 min
Delta R.T.: -0.001 min
Response: 456750
Conc: 3.44 ug/ml



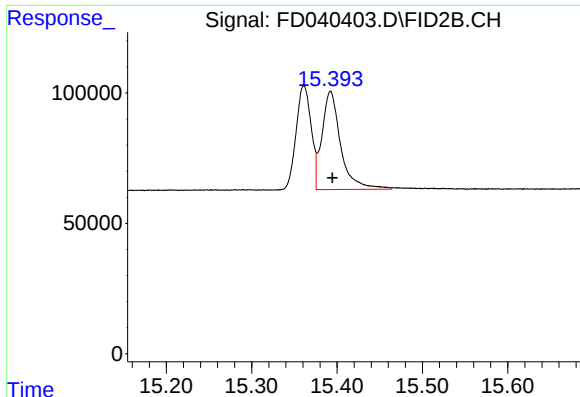
#15 Chrysene (C27.41)

R.T.: 13.861 min
Delta R.T.: -0.002 min
Response: 621887
Conc: 4.25 ug/ml



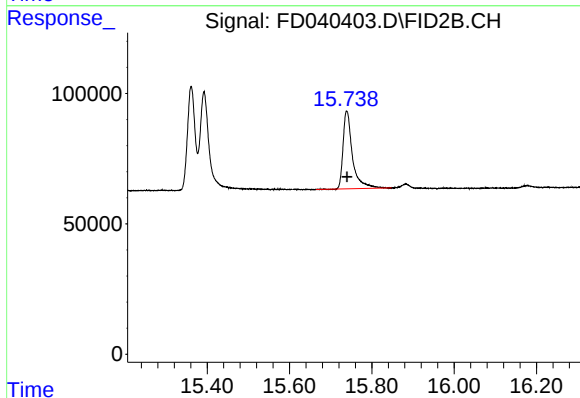
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.361 min
Delta R.T.: -0.003 min
Response: 490269
Conc: 3.59 ug/ml m



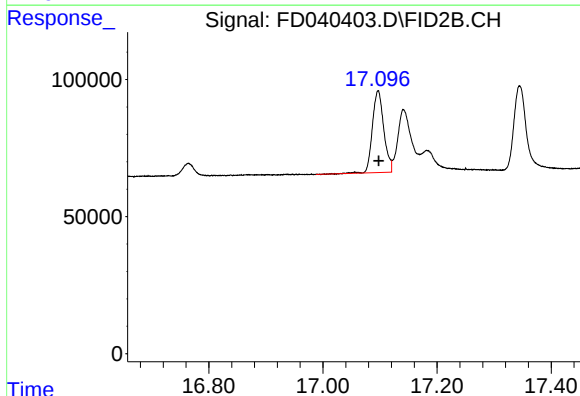
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.393 min
Delta R.T.: -0.002 min
Response: 574633
Conc: 4.15 ug/ml m



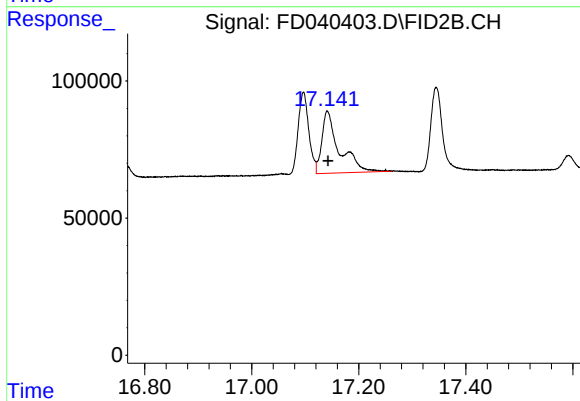
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.740 min
Delta R.T.: 0.000 min
Response: 472058
Conc: 3.62 ug/ml



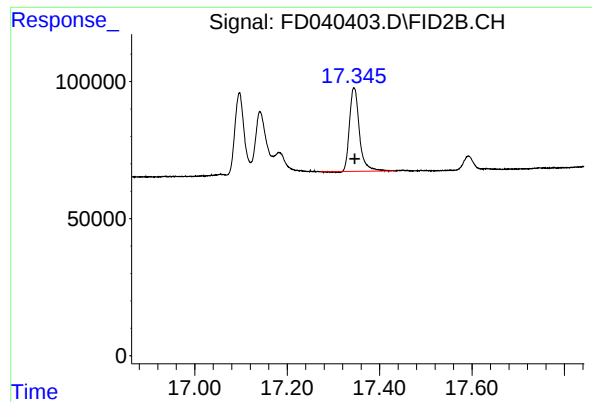
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.097 min
Delta R.T.: -0.001 min
Response: 410919
Conc: 3.37 ug/ml



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

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 510316
Conc: 4.20 ug/ml



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

R.T.: 17.345 min
Delta R.T.: -0.001 min
Response: 451981
Conc: 3.52 ug/ml