

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040433.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 19:11
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 00:31:55 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...	6.744	3106159	21.718 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
6) S 2-Fluorobiphenyl (SURR)	7.592	2075779	21.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.60%
11) S ortho-Terphenyl (SURR)	10.629	3291085	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.600	3351446	21.667 ug/ml
2) T Naphthalene (C11.7)	5.093	3520382	21.996 ug/ml
3) T 2-Methylnaphthalene (...)	6.134	3546066	21.846 ug/ml
5) T Acenaphthylene (C15.06)	7.397	3286104	21.861 ug/ml
7) T Acenaphthene (C15.5)	7.691	3488431	21.643 ug/ml
8) T Fluorene (C16.55)	8.468	3392405	21.826 ug/ml
9) T Phenanthrene (C19.36)	9.854	3305669	21.487 ug/ml
10) T Anthracene (C19.43)	9.929	3166980	21.677 ug/ml
12) T Fluoranthene (C21.85)	11.657	3274667	21.089 ug/ml
13) T Pyrene (C20.8)	11.950	3160919	20.941 ug/ml
14) T Benzo[a]anthracene (C...	13.817	2836613	21.382 ug/ml
15) T Chrysene (C27.41)	13.860	3004180	20.544 ug/ml
16) T benzo[b]fluoranthene ...	15.361	2902794	21.244 ug/ml
17) T Bnezo[k]fluoranthene ...	15.394	2972812	21.477 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.737	2855690	21.908 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.098	2723720	22.352 ug/ml
20) T Dibenz[a,h]anthracene...	17.141	2835607	23.312 ug/ml
21) T Benzo[g,h,i]perylene ...	17.349	2820109	21.963 ug/ml

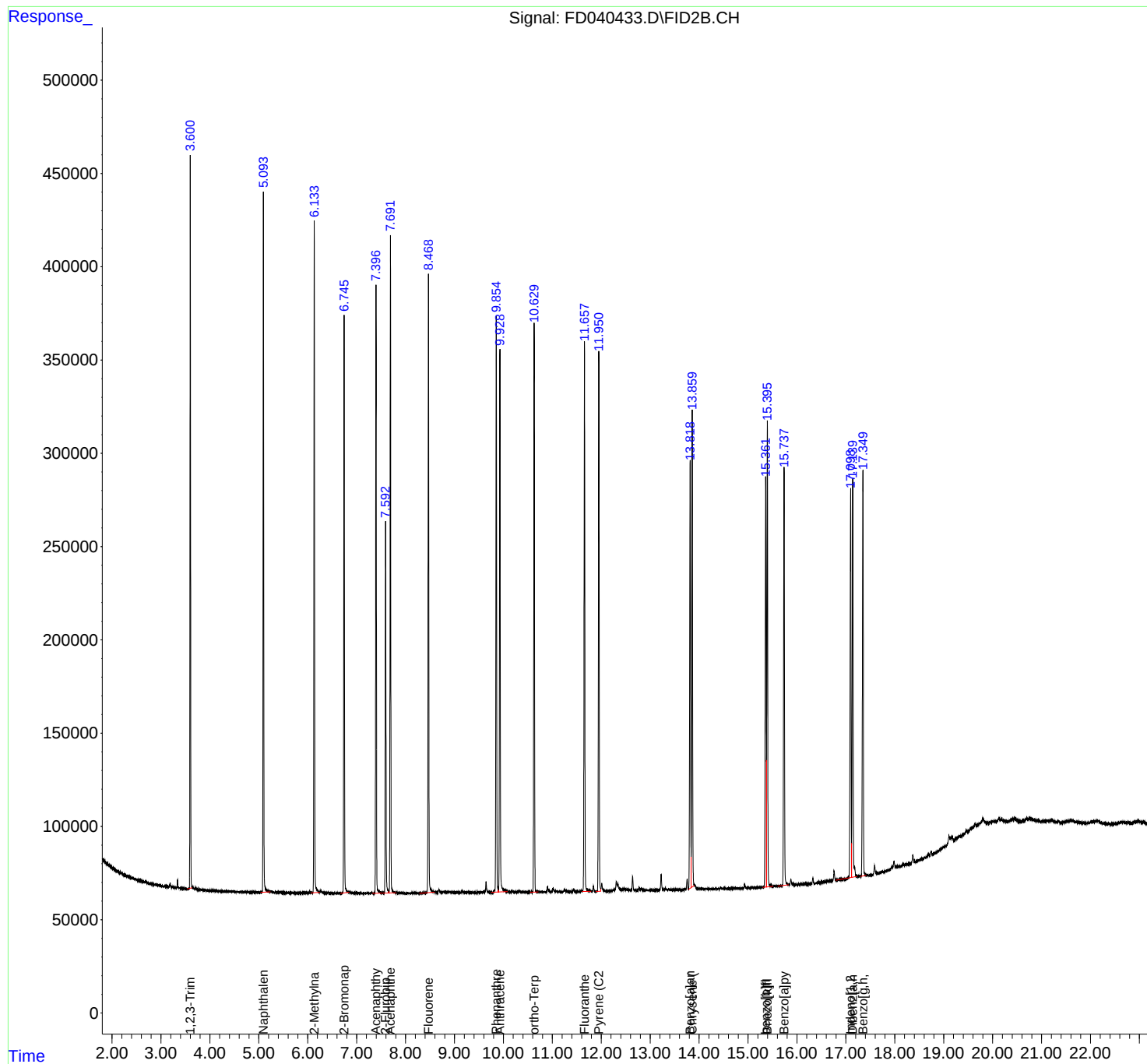
(f)=RT Delta > 1/2 Window

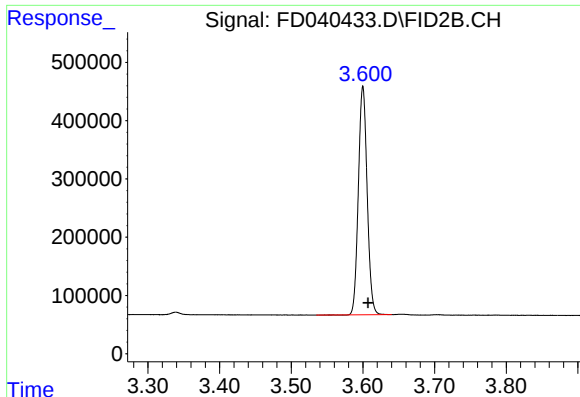
(m)=manual int.

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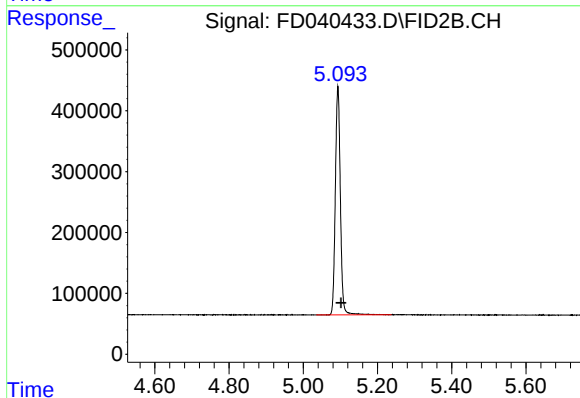
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





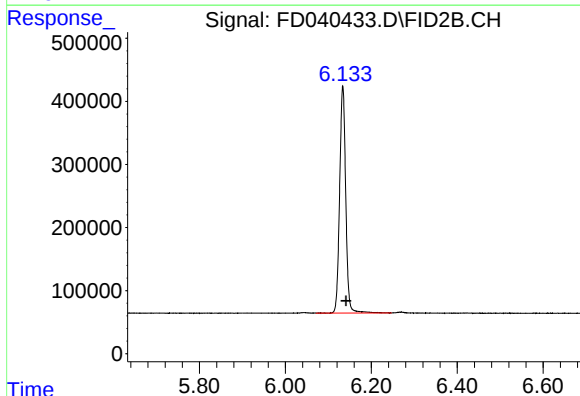
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.600 min
Delta R.T.: -0.007 min
Response: 3351446
Conc: 21.67 ug/ml



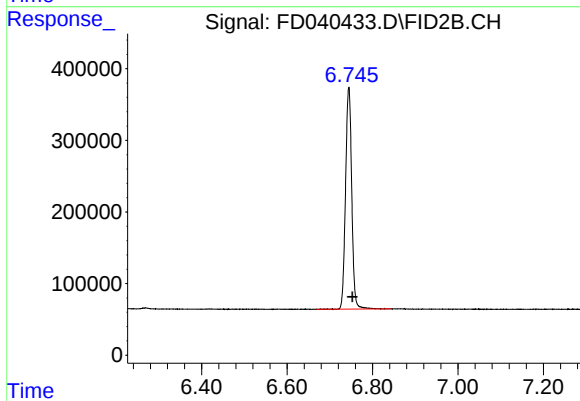
#2 Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 3520382
Conc: 22.00 ug/ml



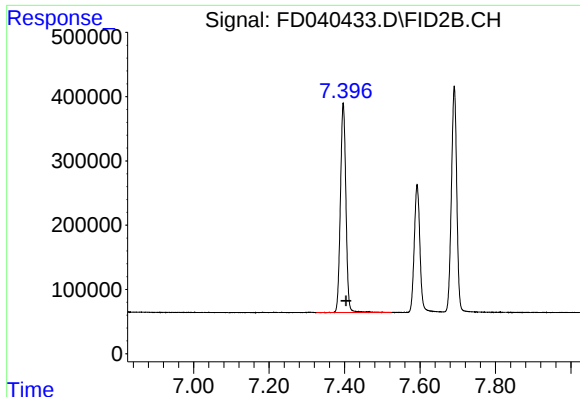
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 3546066
Conc: 21.85 ug/ml



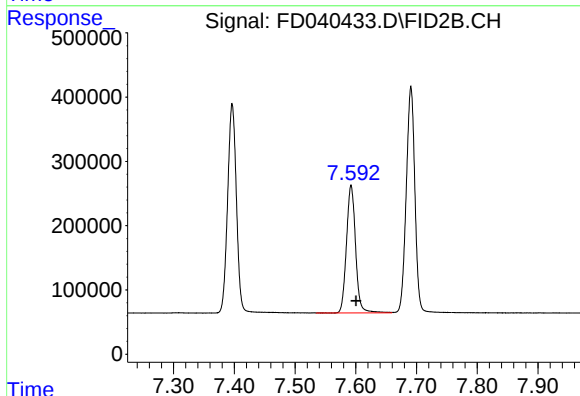
#4 2-Bromonaphthalene (SURR)

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 3106159
Conc: 21.72 ug/ml



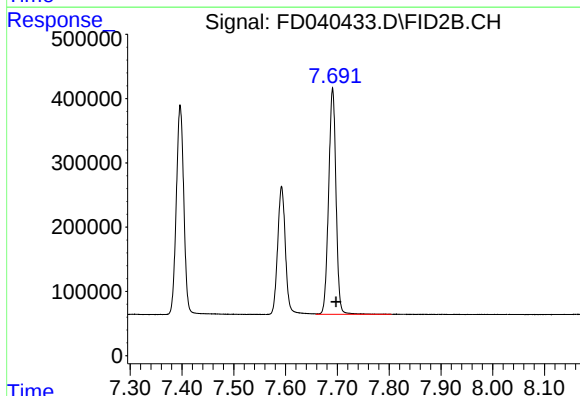
#5 Acenaphthylene (C15.06)

R.T.: 7.397 min
Delta R.T.: -0.008 min
Response: 3286104
Conc: 21.86 ug/ml



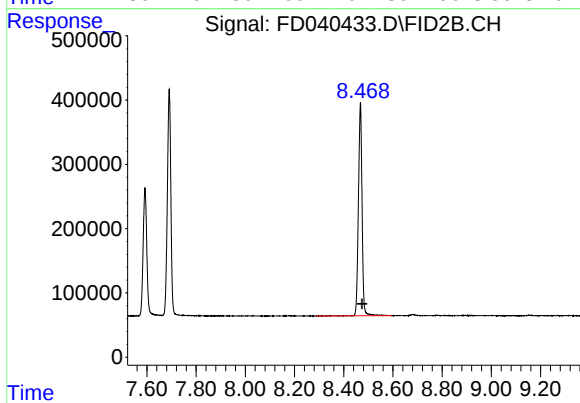
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.592 min
Delta R.T.: -0.008 min
Response: 2075779
Conc: 21.80 ug/ml



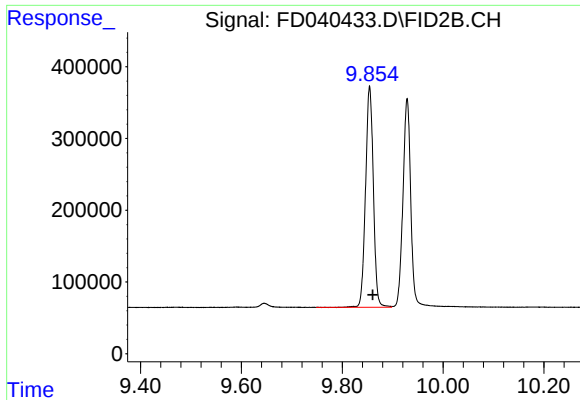
#7 Acenaphthene (C15.5)

R.T.: 7.691 min
Delta R.T.: -0.007 min
Response: 3488431
Conc: 21.64 ug/ml



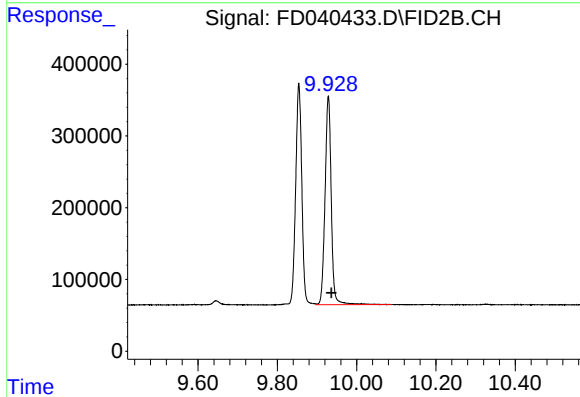
#8 Fluorene (C16.55)

R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 3392405
Conc: 21.83 ug/ml



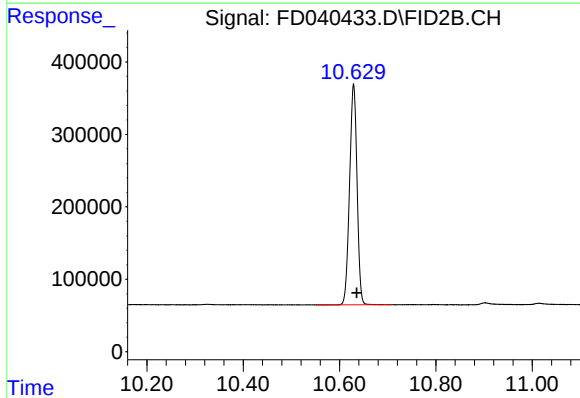
#9 Phenanthrene (C19.36)

R.T.: 9.854 min
Delta R.T.: -0.006 min
Response: 3305669
Conc: 21.49 ug/ml



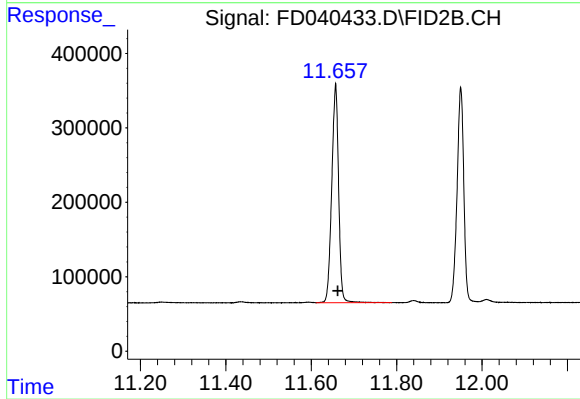
#10 Anthracene (C19.43)

R.T.: 9.929 min
Delta R.T.: -0.008 min
Response: 3166980
Conc: 21.68 ug/ml



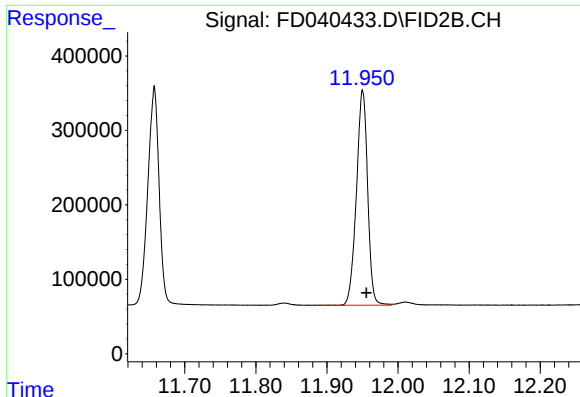
#11 ortho-Terphenyl (SURR)

R.T.: 10.629 min
Delta R.T.: -0.007 min
Response: 3291085
Conc: 21.06 ug/ml



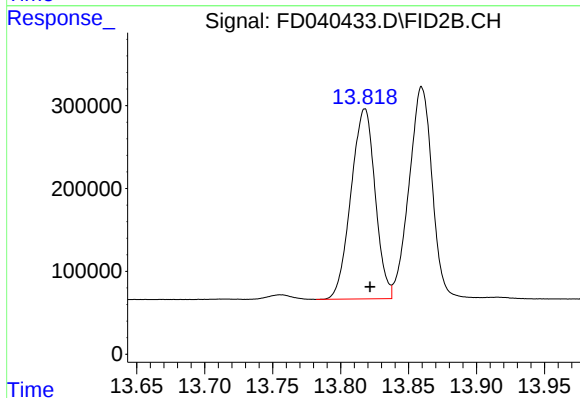
#12 Fluoranthene (C21.85)

R.T.: 11.657 min
Delta R.T.: -0.006 min
Response: 3274667
Conc: 21.09 ug/ml



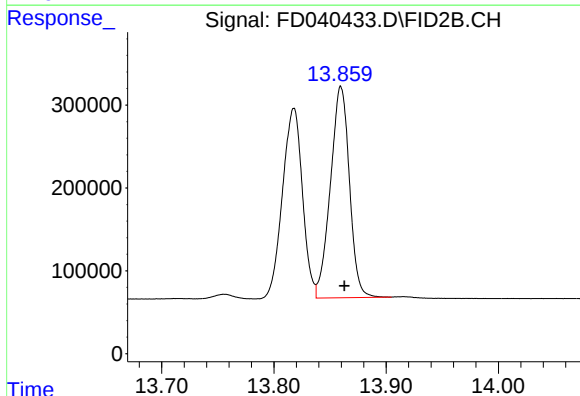
#13 Pyrene (C20.8)

R.T.: 11.950 min
Delta R.T.: -0.005 min
Response: 3160919
Conc: 20.94 ug/ml



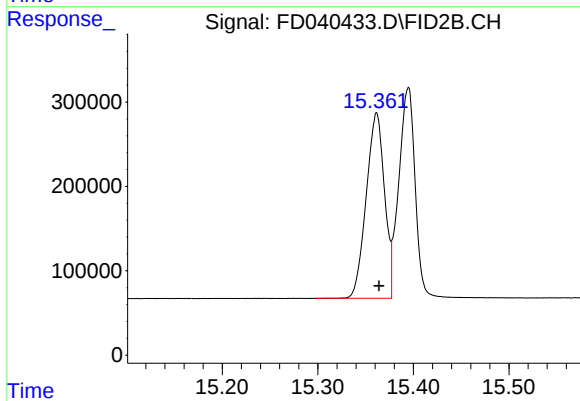
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.817 min
Delta R.T.: -0.004 min
Response: 2836613
Conc: 21.38 ug/ml



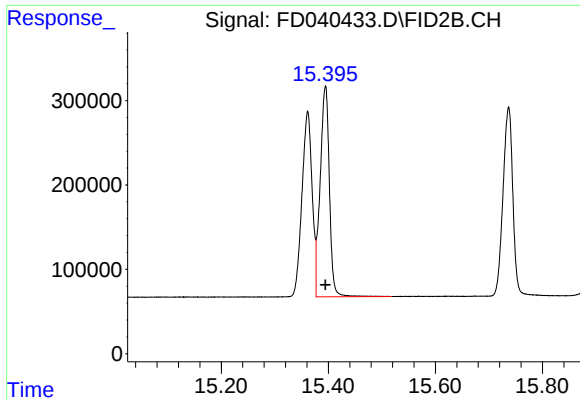
#15 Chrysene (C27.41)

R.T.: 13.860 min
Delta R.T.: -0.003 min
Response: 3004180
Conc: 20.54 ug/ml



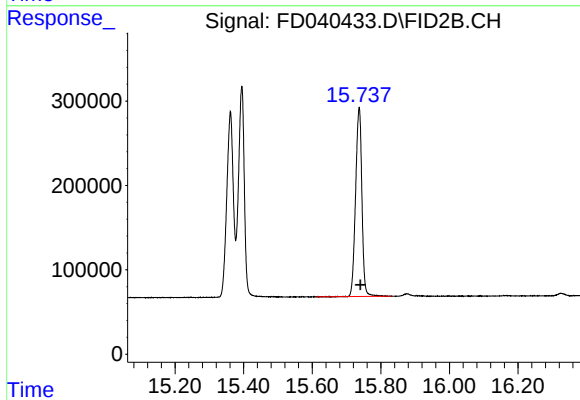
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.361 min
Delta R.T.: -0.003 min
Response: 2902794
Conc: 21.24 ug/ml



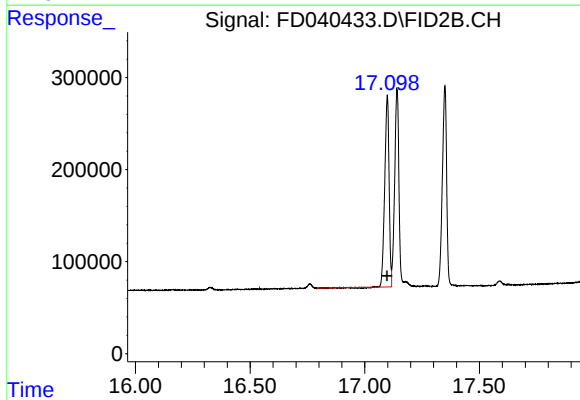
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.394 min
Delta R.T.: 0.000 min
Response: 2972812
Conc: 21.48 ug/ml



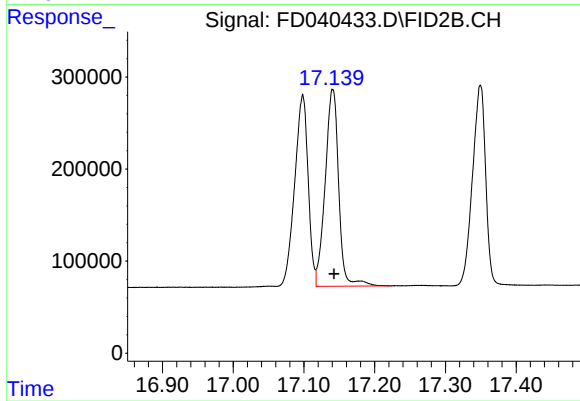
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.737 min
Delta R.T.: -0.004 min
Response: 2855690
Conc: 21.91 ug/ml



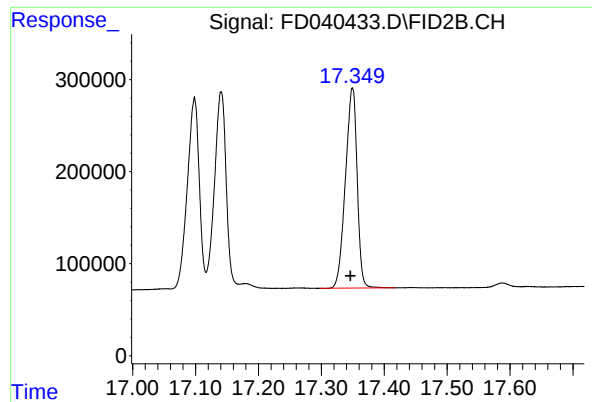
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.098 min
Delta R.T.: 0.000 min
Response: 2723720
Conc: 22.35 ug/ml



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

R.T.: 17.141 min
Delta R.T.: -0.002 min
Response: 2835607
Conc: 23.31 ug/ml



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

R.T.: 17.349 min
Delta R.T.: 0.003 min
Response: 2820109
Conc: 21.96 ug/ml