

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034916.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 6:53
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 2020
 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...	7.676	2379688	19.575 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
6) S 2-Fluorobiphenyl (SURR)	8.542	1680764	19.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.20%
11) S ortho-Terphenyl (SURR)	11.581	2768188	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	2634129	19.593 ug/ml
2) T Naphthalene (C11.7)	6.013	2779966	19.608 ug/ml
3) T 2-Methylnaphthalene (...)	7.066	2799159	19.587 ug/ml
5) T Acenaphthylene (C15.06)	8.344	2735568	19.538 ug/ml
7) T Acenaphthene (C15.5)	8.640	2812720	19.632 ug/ml
8) T Fluorene (C16.55)	9.421	2739264	19.569 ug/ml
9) T Phenanthrene (C19.36)	10.818	2716111	19.603 ug/ml
10) T Anthracene (C19.43)	10.894	2731294	19.657 ug/ml
12) T Fluoranthene (C21.85)	12.631	2675348	19.649 ug/ml
13) T Pyrene (C20.8)	12.929	2577388	19.573 ug/ml
14) T Benzo[a]anthracene (C...	14.800	2331781	19.598 ug/ml
15) T Chrysene (C27.41)	14.842	2471947	19.729 ug/ml
16) T benzo[b]fluoranthene ...	16.351	2183839	19.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.383	2202685	19.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.729	2003342	19.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	1882961	19.789 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	2064447	19.653 ug/ml
21) T Benzo[g,h,i]perylene ...	18.348	1961147	19.763 ug/ml

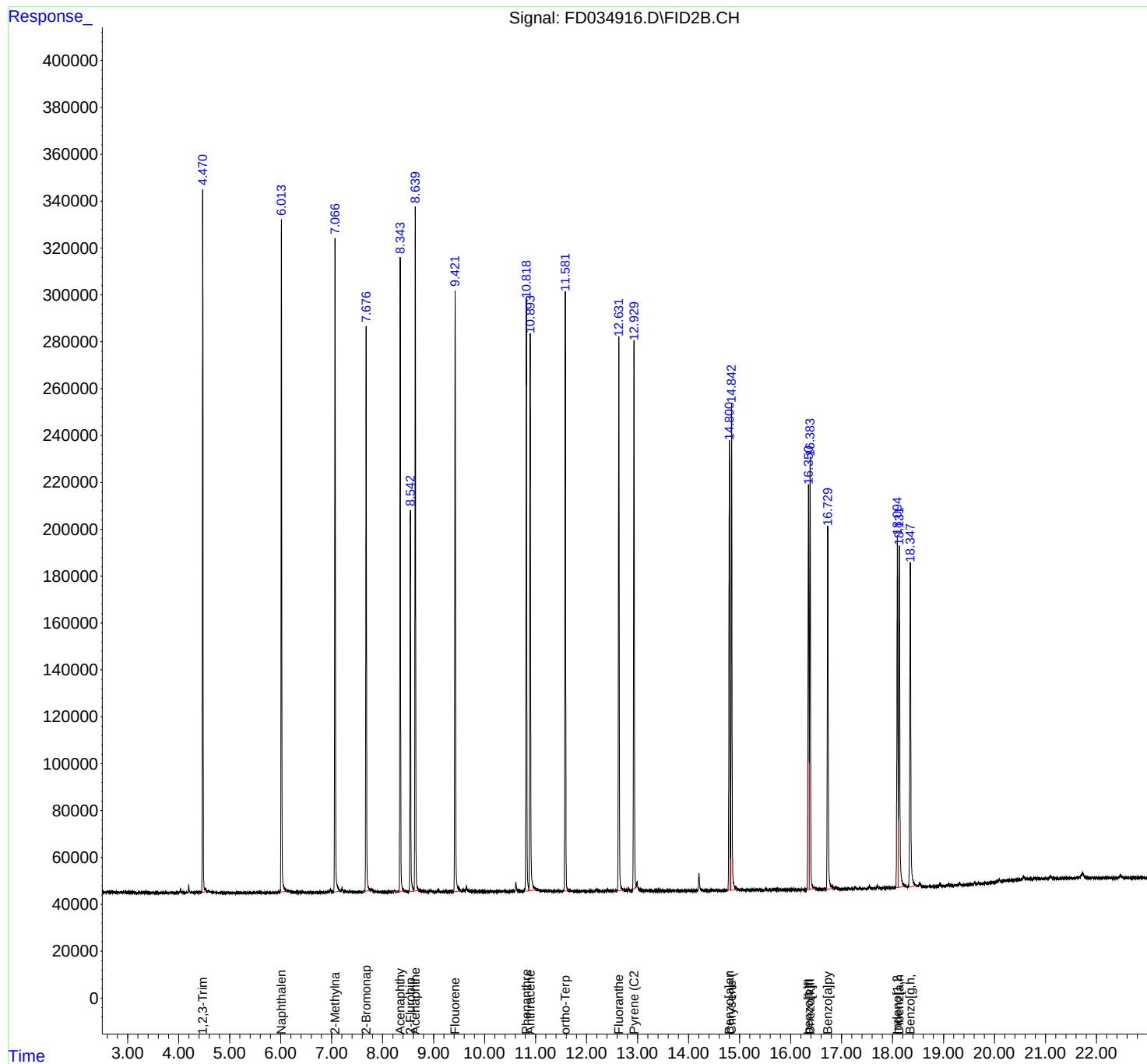
(f)=RT Delta > 1/2 Window

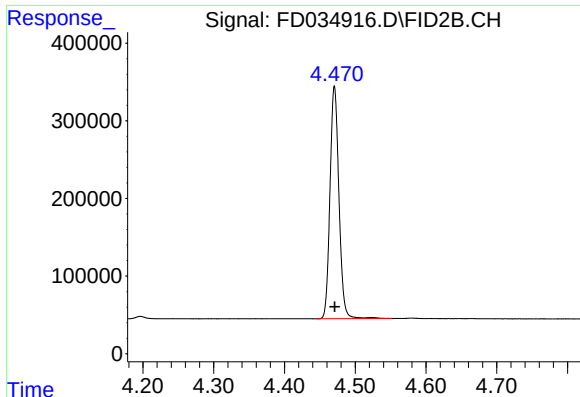
(m)=manual int.

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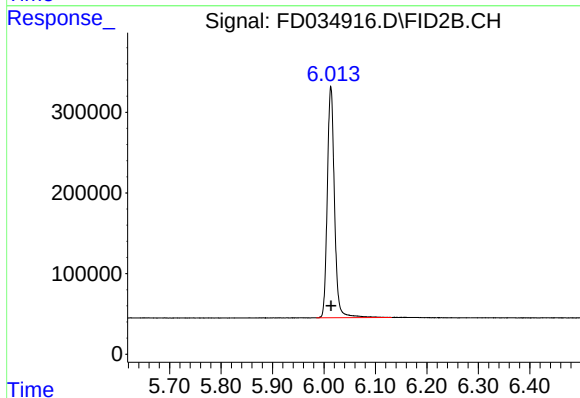
Volume Inj. : 1 µl
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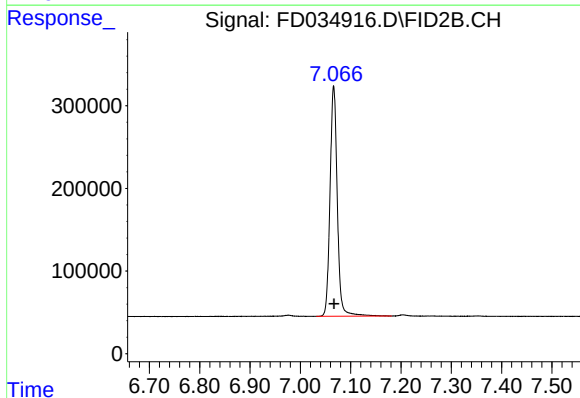
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2634129
Conc: 19.59 ug/ml



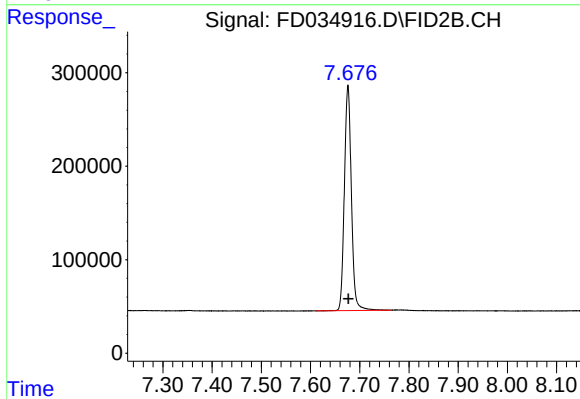
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 2779966
Conc: 19.61 ug/ml



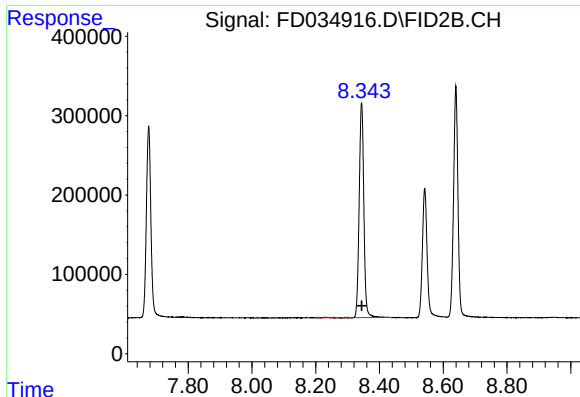
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 2799159
Conc: 19.59 ug/ml



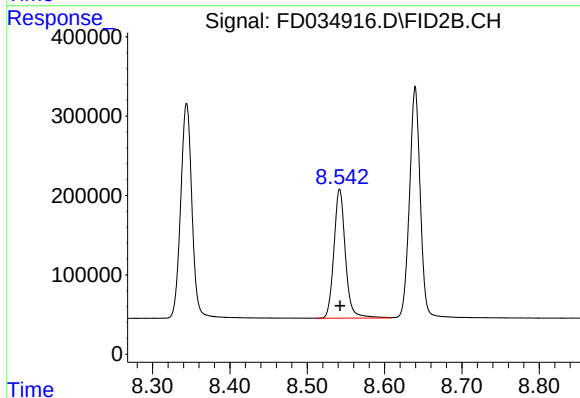
#4 2-Bromonaphthalene (SURR)

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 2379688
Conc: 19.58 ug/ml



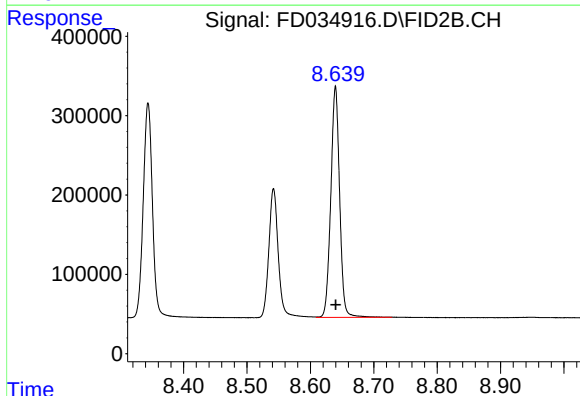
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 2735568
Conc: 19.54 ug/ml



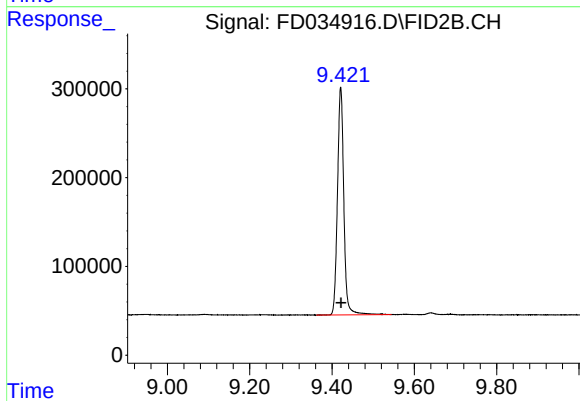
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 1680764
Conc: 19.60 ug/ml



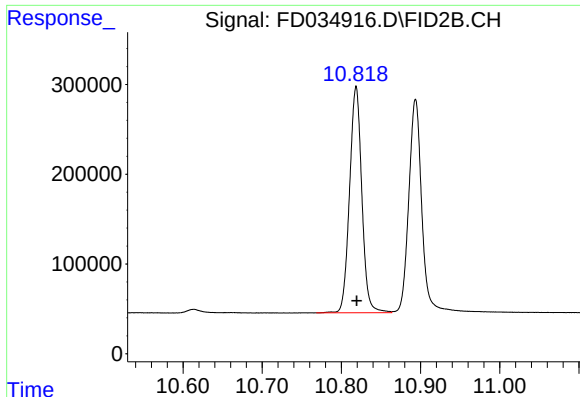
#7 Acenaphthene (C15.5)

R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 2812720
Conc: 19.63 ug/ml



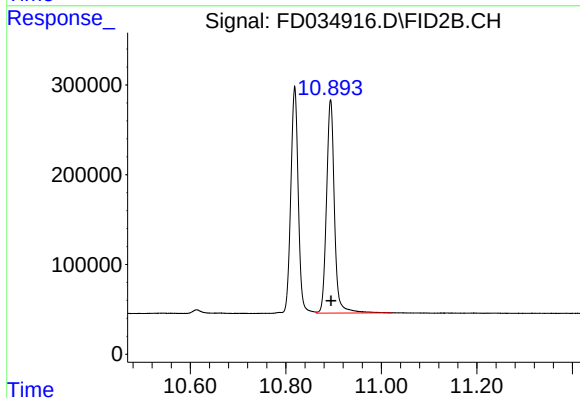
#8 Fluorene (C16.55)

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 2739264
Conc: 19.57 ug/ml



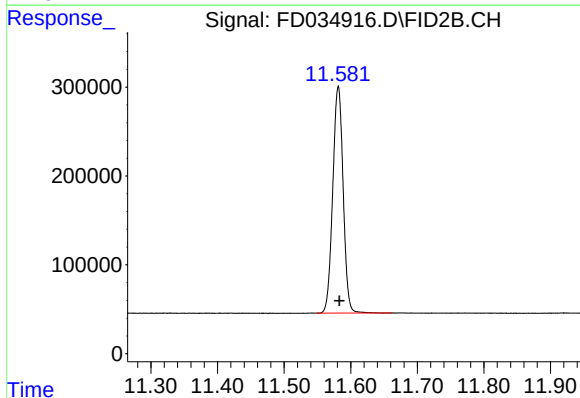
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.001 min
Response: 2716111
Conc: 19.60 ug/ml



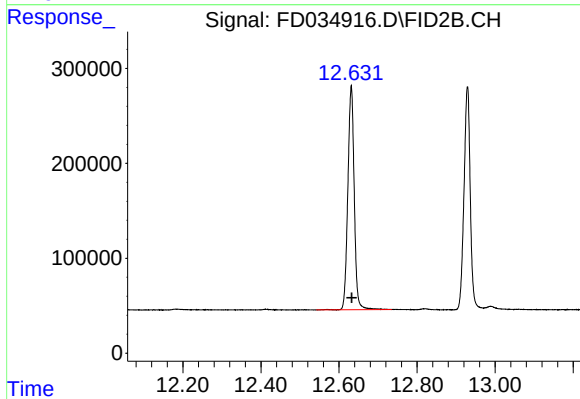
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: -0.001 min
Response: 2731294
Conc: 19.66 ug/ml



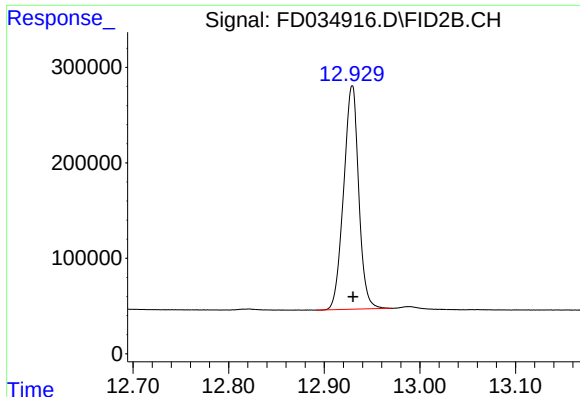
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.002 min
Response: 2768188
Conc: 19.63 ug/ml



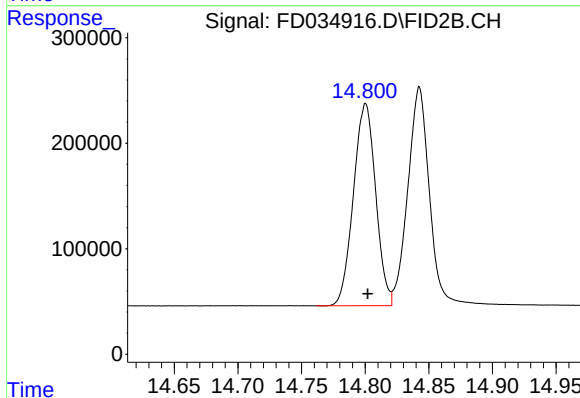
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 2675348
Conc: 19.65 ug/ml



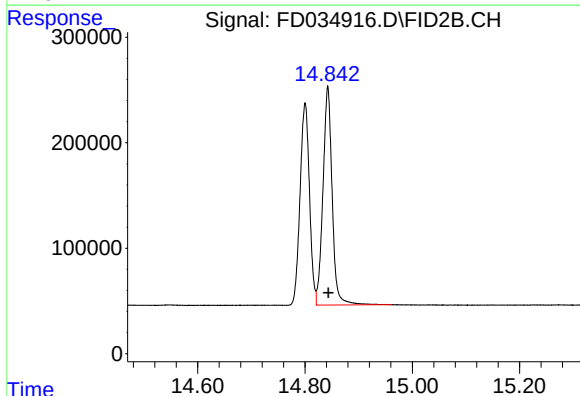
#13 Pyrene (C20.8)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 2577388
Conc: 19.57 ug/ml



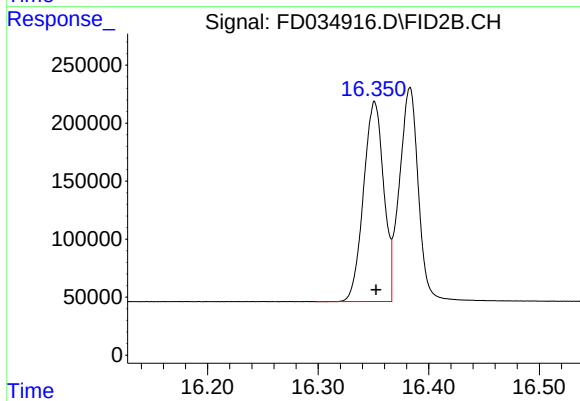
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 2331781
Conc: 19.60 ug/ml



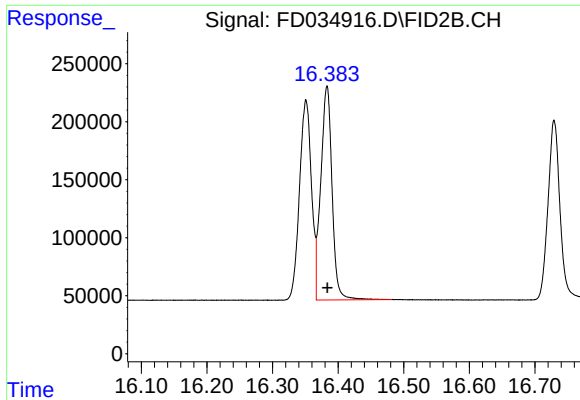
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: -0.001 min
Response: 2471947
Conc: 19.73 ug/ml



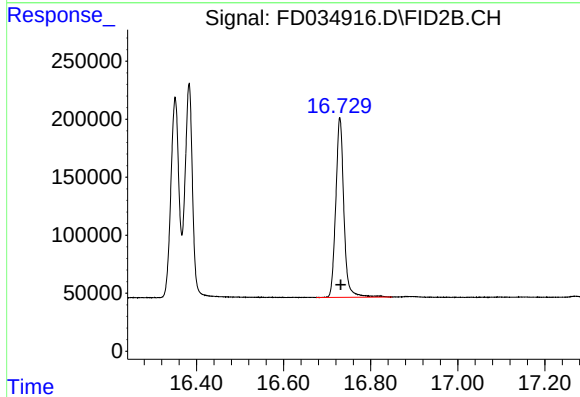
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.351 min
Delta R.T.: -0.001 min
Response: 2183839
Conc: 19.59 ug/ml



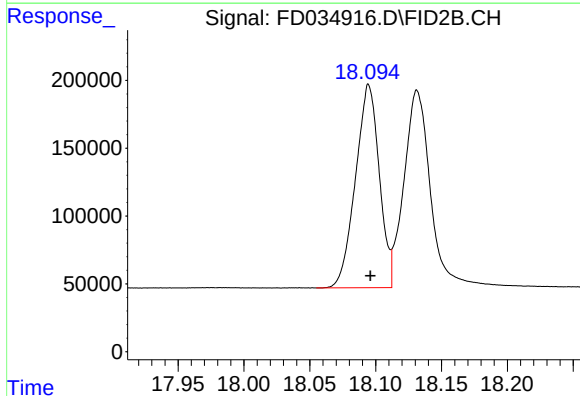
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.383 min
Delta R.T.: -0.001 min
Response: 2202685
Conc: 19.80 ug/ml



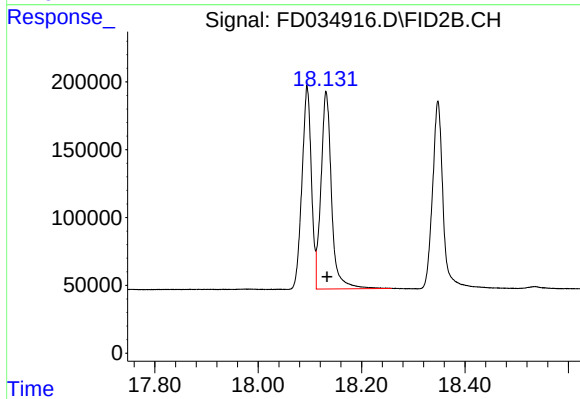
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 2003342
Conc: 19.63 ug/ml



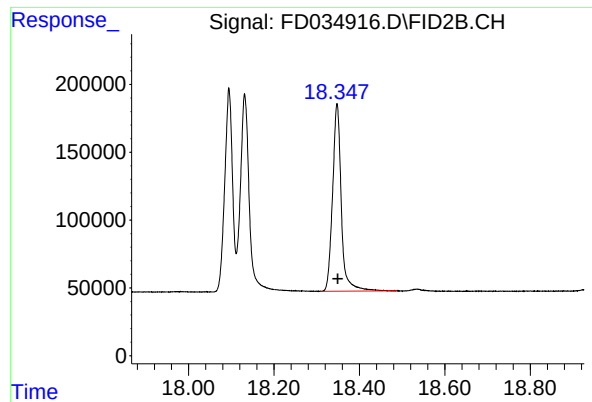
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: -0.001 min
Response: 1882961
Conc: 19.79 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.002 min
Response: 2064447
Conc: 19.65 ug/ml



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

R.T.: 18.348 min
Delta R.T.: -0.001 min
Response: 1961147
Conc: 19.76 ug/ml