

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040422AR\
 Data File : FD041847.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2022 16:26
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 05 02:24:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.346	3658235	22.641 ug/ml
Spiked Amount 50.000		Recovery =	45.28%
6) S 2-Fluorobiphenyl (SURR)	8.196	2165160	20.800 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.60%
11) S ortho-Terphenyl (SURR)	11.224	4344602	24.769 ug/ml
Spiked Amount 50.000		Recovery =	49.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	4120039	23.508 ug/ml
2) T Naphthalene (C11.7)	5.688	4179870	22.918 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	3796906	20.978 ug/ml
5) T Acenaphthylene (C15.06)	7.995	4130938	23.108 ug/ml
7) T Acenaphthene (C15.5)	8.289	4513876	23.614 ug/ml
8) T Flouorene (C16.55)	9.067	3933384	22.970 ug/mlm
9) T Phenanthrene (C19.36)	10.455	3789981	23.069 ug/ml
10) T Anthracene (C19.43)	10.531	3494108	21.849 ug/ml
12) T Fluoranthene (C21.85)	12.257	3704808	22.050 ug/ml
13) T Pyrene (C20.8)	12.550	3405302	20.311 ug/ml
14) T Benzo[a]anthracene (C...	14.421	2824539	19.464 ug/ml
15) T Chrysene (C27.41)	14.462	3735343	22.683 ug/ml
16) T benzo[b]fluoranthene ...	15.967	3152097	23.095 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.998	3365247	22.805 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.347	3045577	23.162 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.709	2595031	20.701 ug/mlm
20) T Dibenz[a,h]anthracene...	17.748	3521449	24.912 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.958	3131263	24.184 ug/mlm

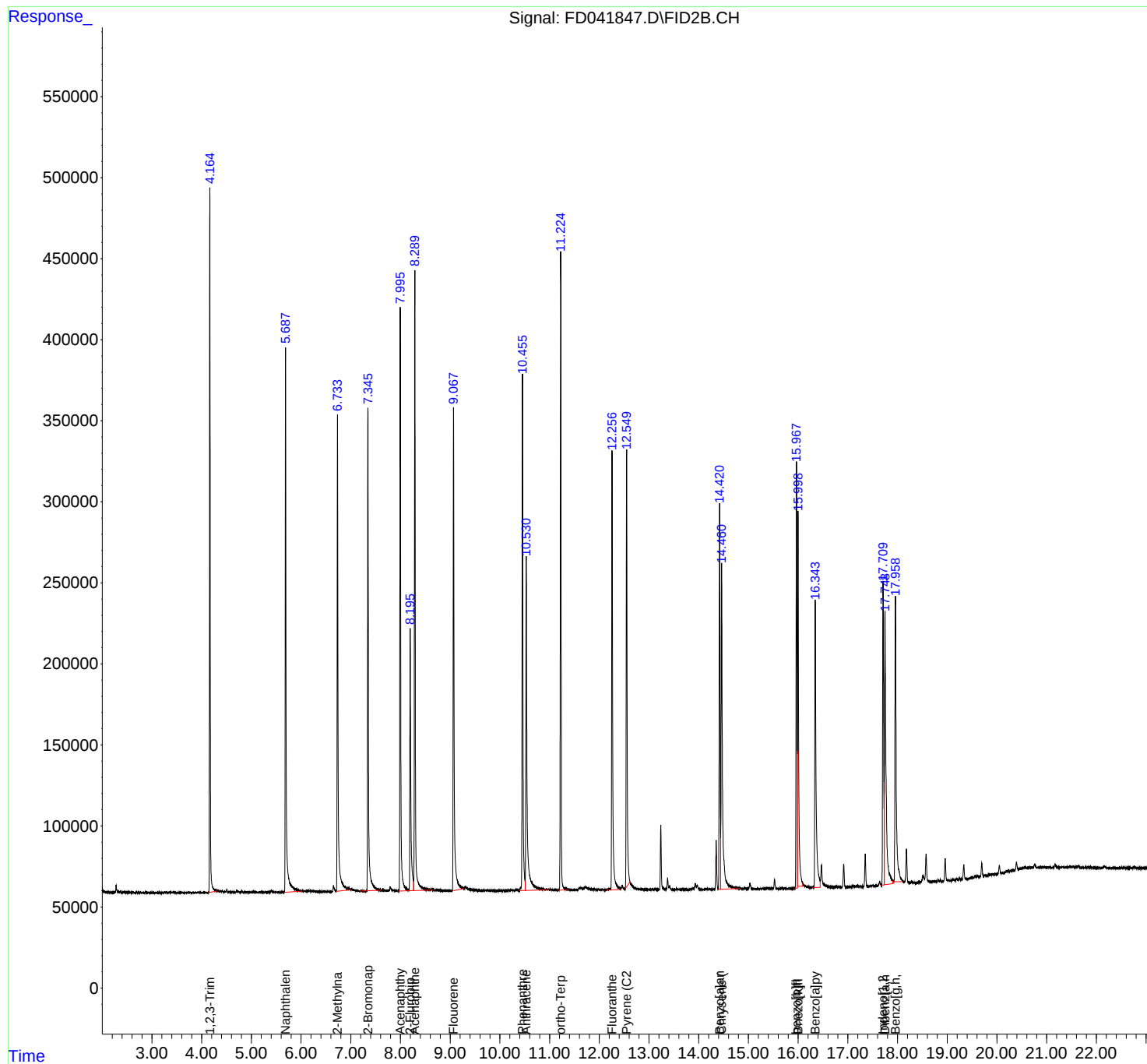
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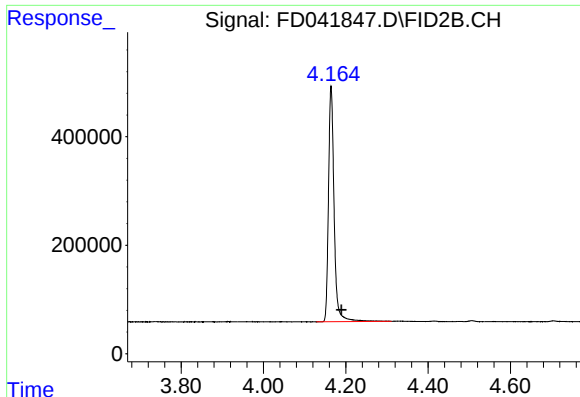
(m)=manual int.

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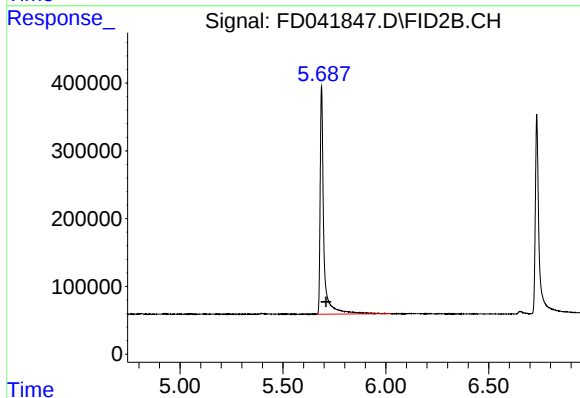
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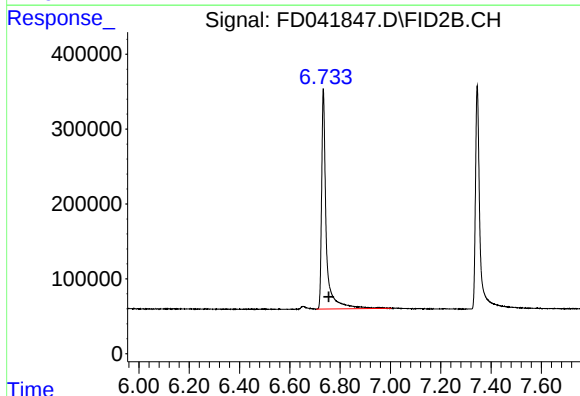
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.165 min
Delta R.T.: -0.024 min
Response: 4120039
Conc: 23.51 ug/ml



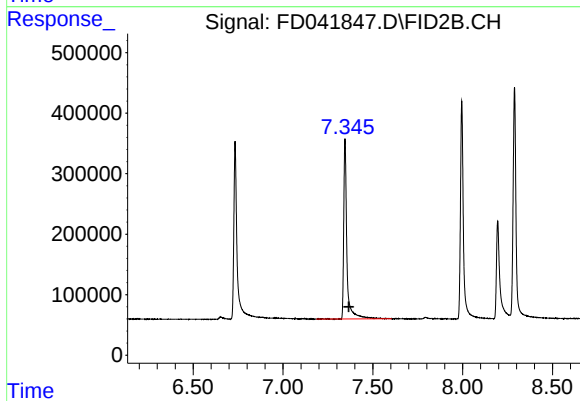
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.021 min
Response: 4179870
Conc: 22.92 ug/ml



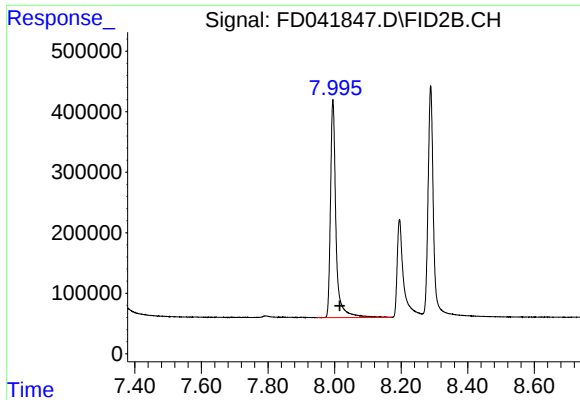
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.020 min
Response: 3796906
Conc: 20.98 ug/ml



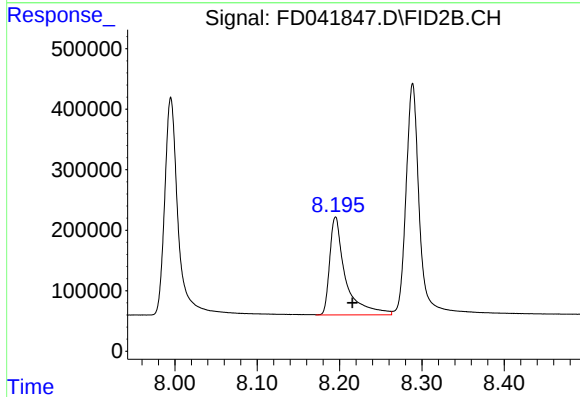
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.021 min
Response: 3658235
Conc: 22.64 ug/ml



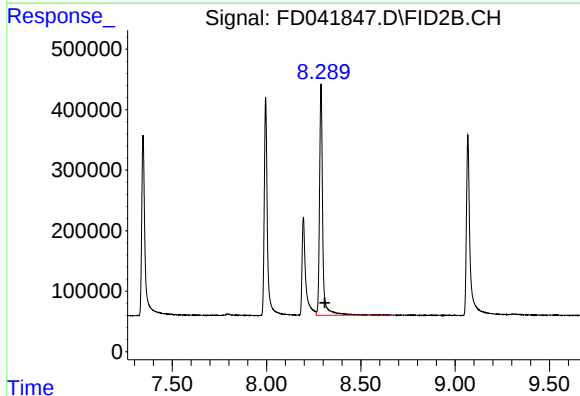
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.021 min
Response: 4130938
Conc: 23.11 ug/ml



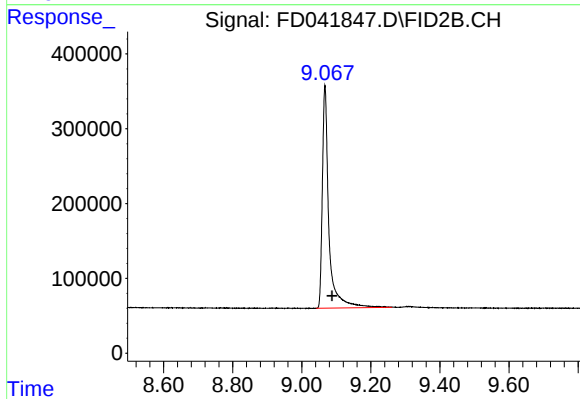
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.019 min
Response: 2165160
Conc: 20.80 ug/ml



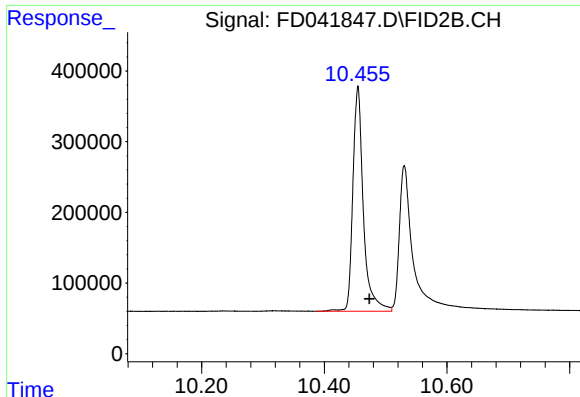
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.020 min
Response: 4513876
Conc: 23.61 ug/ml



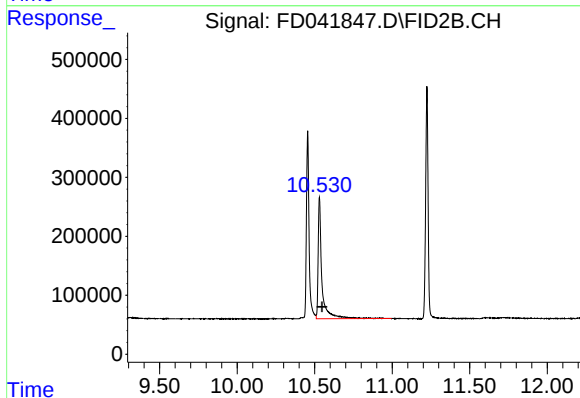
#8 Flouorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.021 min
Response: 3933384
Conc: 22.97 ug/ml m



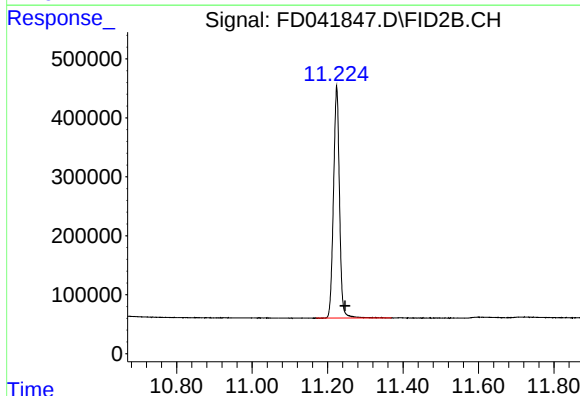
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.019 min
Response: 3789981
Conc: 23.07 ug/ml



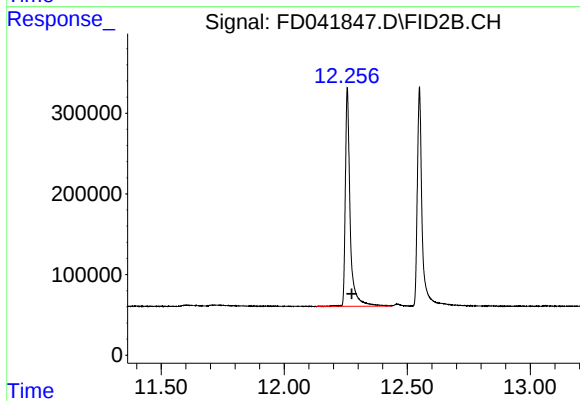
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.017 min
Response: 3494108
Conc: 21.85 ug/ml



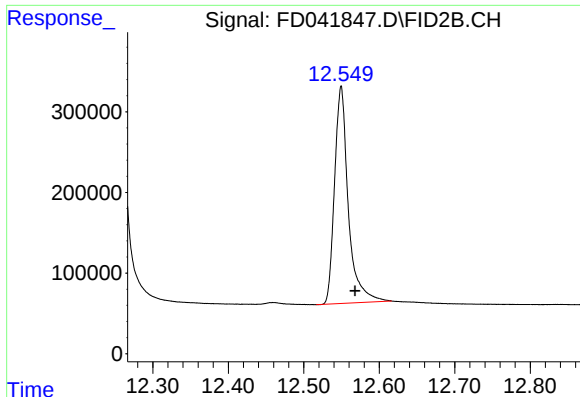
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: -0.023 min
Response: 4344602
Conc: 24.77 ug/ml



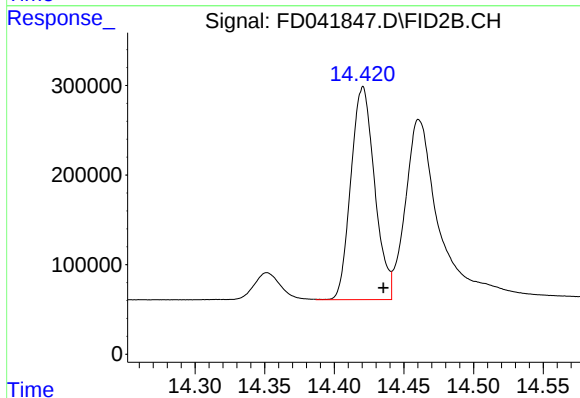
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: -0.018 min
Response: 3704808
Conc: 22.05 ug/ml



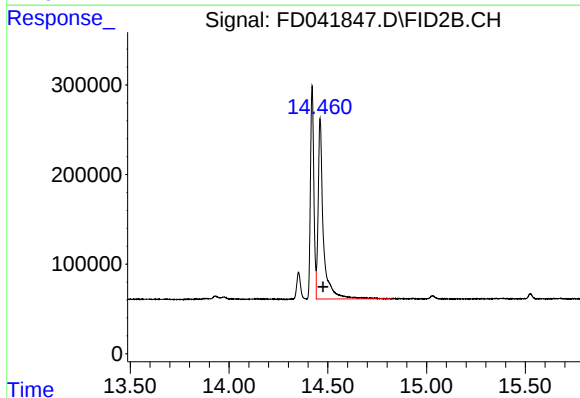
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.018 min
Response: 3405302
Conc: 20.31 ug/ml



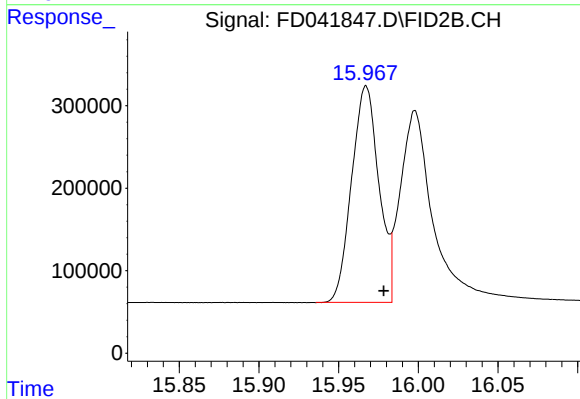
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.014 min
Response: 2824539
Conc: 19.46 ug/ml



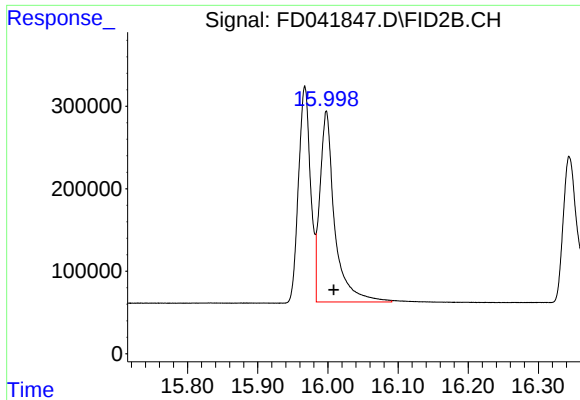
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.014 min
Response: 3735343
Conc: 22.68 ug/ml



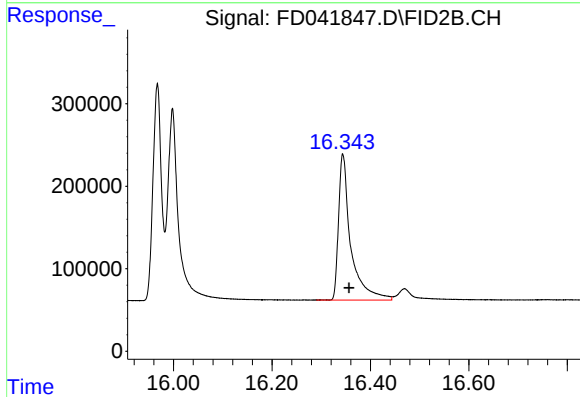
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.967 min
Delta R.T.: -0.011 min
Response: 3152097
Conc: 23.10 ug/ml m



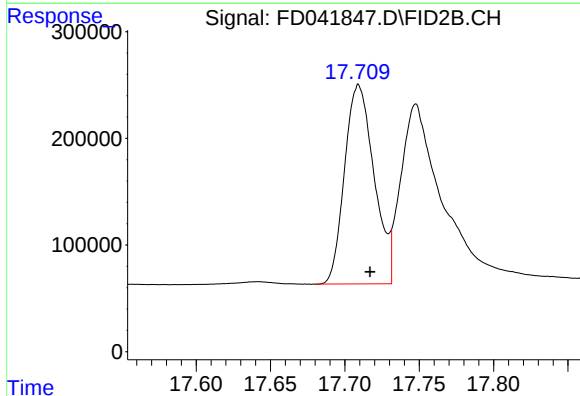
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 3365247
Conc: 22.80 ug/ml m



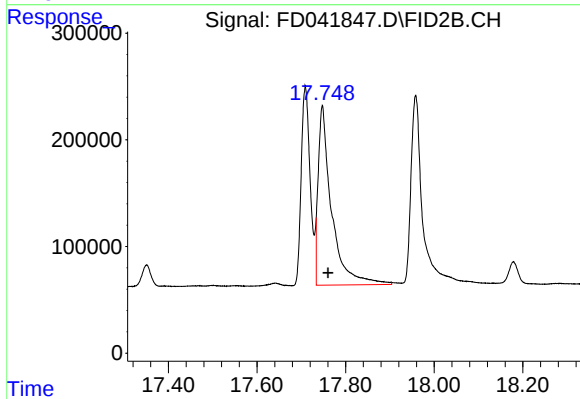
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.010 min
Response: 3045577
Conc: 23.16 ug/ml



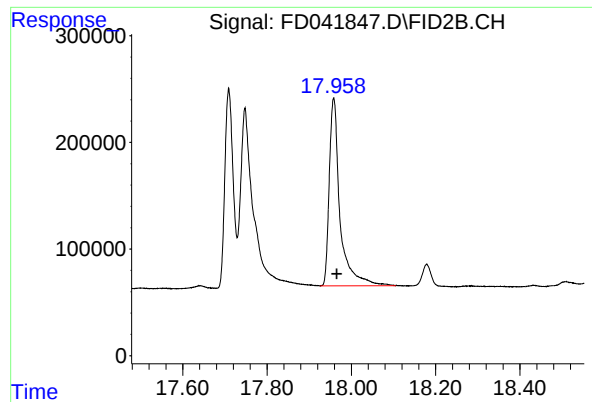
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.709 min
Delta R.T.: -0.008 min
Response: 2595031
Conc: 20.70 ug/ml m



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

R.T.: 17.748 min
Delta R.T.: -0.013 min
Response: 3521449
Conc: 24.91 ug/ml m



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

R.T.: 17.958 min
Delta R.T.: -0.007 min
Response: 3131263
Conc: 24.18 ug/ml m